

Pantheon Report

Generated at 2018-03-27 10:14:21 (UTC).

Data path: AWS California 2 Ethernet (*local*) → Mexico Ethernet (*remote*).

Repeated the test of 17 congestion control schemes 10 times.

Each test lasted for 30 seconds running 1 flow.

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

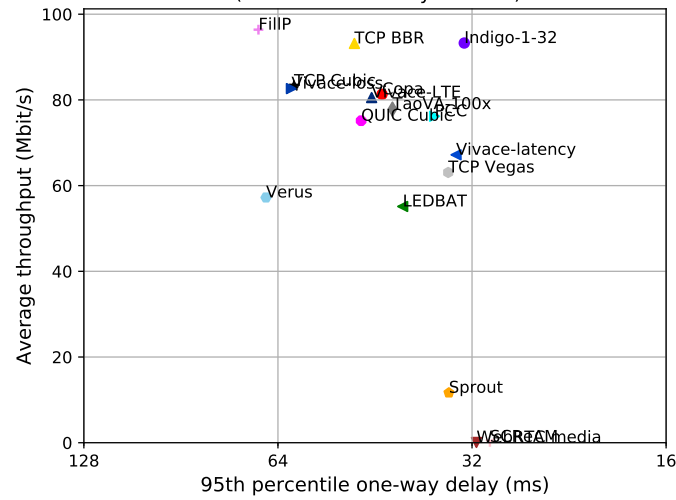
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

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

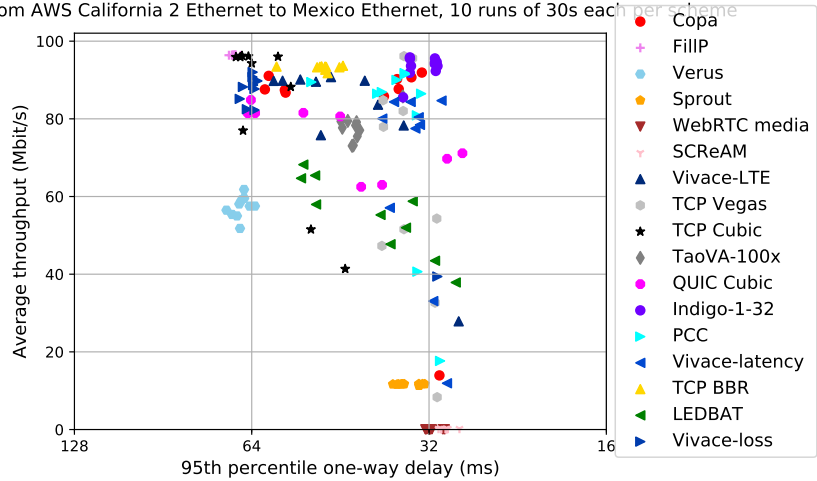
Git summary:

```
branch: master @ 503f51fe03f703a4c0a826a0792a4fead3e7d1b0
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/fixlp @ 828bbf95fd4941149b5cec90f281d1c69ae1a5c6
third_party/genericCC @ 9249eea3238475c4d8cca1443d28df70bff6c4a2
third_party/indigo @ a9b2060d39e4da2e8987e893e3eca2a6c7cd0ab9
third_party/indigo-1-layer-128-unit @ 3ae9e4ef4230db7484501f82ce8b377695f2f66d
third_party/indigo-1-layer-32-unit @ 2601c92e4aa9d58d38dc4dfe0ecd90c077e64d
third_party/indigo-1-layer-32-unit-no-calib @ 1f3a7f75b41135ed5b540c0fd3505939528e2a5f
third_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ fb1053193c2861da659ba9013db26744ccfcf993
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eae30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/vivace @ 7a4ba531e75b4a6f66f5c4580192120401784ce3
third_party/webRTC @ f271183af822eee5d0031620f4bebf38aedc5581
```

test from AWS California 2 Ethernet to Mexico Ethernet, 10 runs of 30s each per scheme
(mean of all runs by scheme)



test from AWS California 2 Ethernet to Mexico 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	93.18	48.71	1.04
TCP Cubic	10	83.25	60.44	0.39
LEDBAT	10	55.13	41.00	0.01
PCC	10	76.18	36.57	0.58
QUIC Cubic	9	75.15	47.55	0.64
SCReAM	10	0.20	30.02	0.03
WebRTC media	10	0.06	31.50	0.00
Sprout	10	11.66	34.76	0.08
TaoVA-100x	10	77.85	42.52	0.08
TCP Vegas	10	63.07	34.84	0.32
Verus	10	57.23	66.79	33.68
Copa	10	81.30	44.13	35.45
FillP	10	96.39	68.62	22.71
Indigo-1-32	10	93.27	32.90	0.09
Vivace-latency	10	67.19	33.88	0.14
Vivace-loss	10	82.64	60.99	4.50
Vivace-LTE	10	80.55	45.80	0.85

Run 1: Statistics of TCP BBR

Start at: 2018-03-27 05:19:58

End at: 2018-03-27 05:20:28

Local clock offset: 0.19 ms

Remote clock offset: -7.247 ms

Below is generated by plot.py at 2018-03-27 09:49:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.46 Mbit/s

95th percentile per-packet one-way delay: 58.083 ms

Loss rate: 2.38%

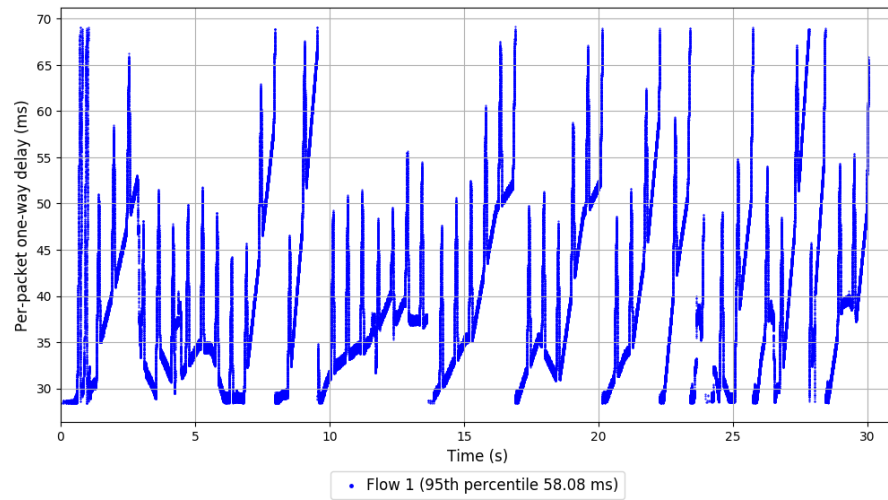
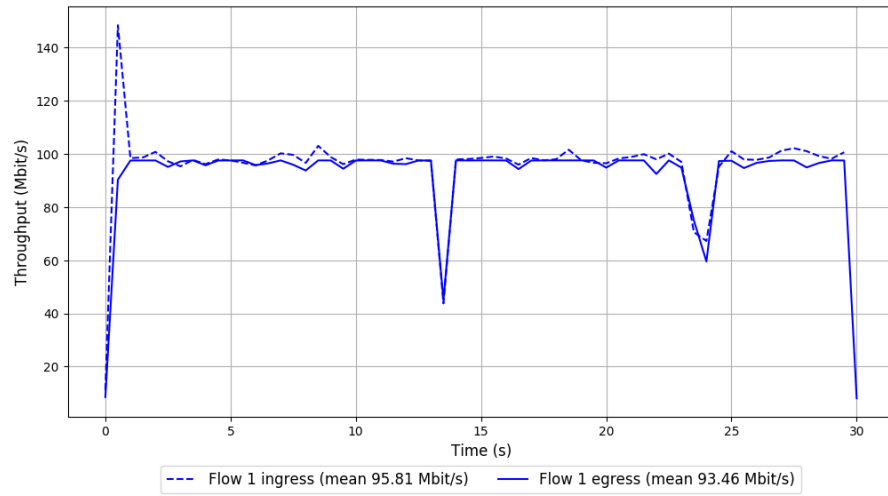
-- Flow 1:

Average throughput: 93.46 Mbit/s

95th percentile per-packet one-way delay: 58.083 ms

Loss rate: 2.38%

Run 1: Report of TCP BBR — Data Link

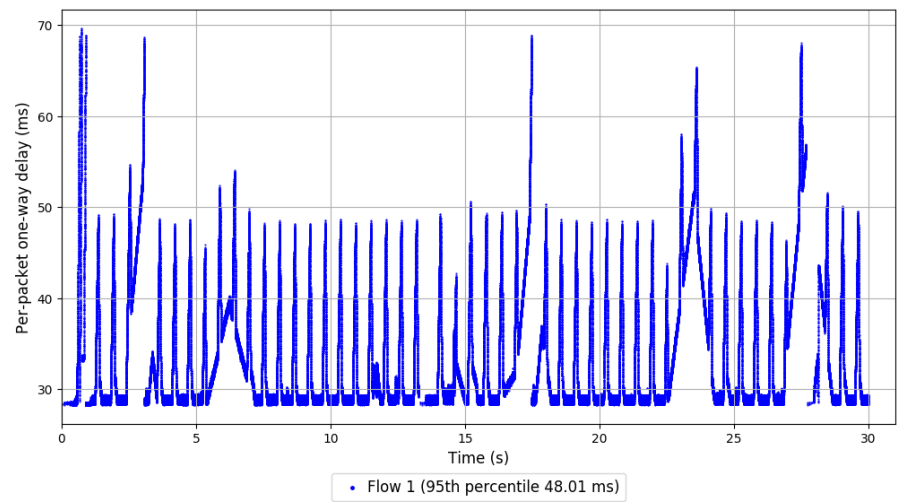
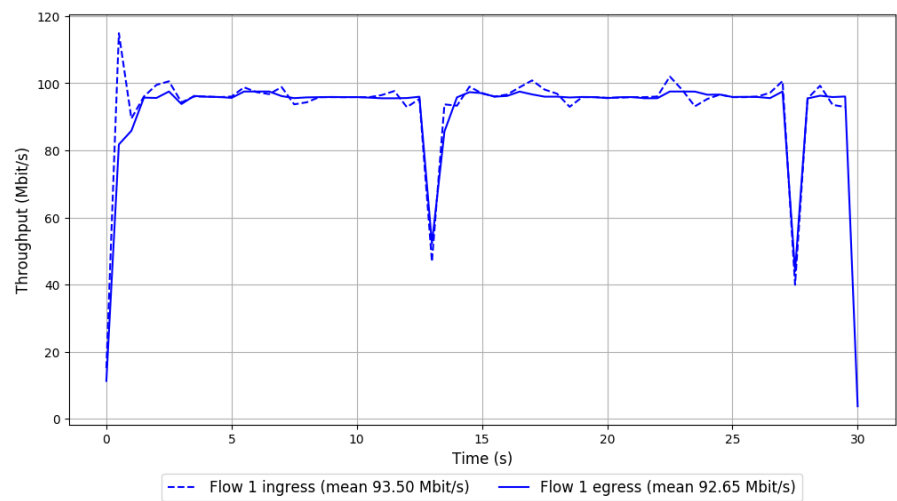


Run 2: Statistics of TCP BBR

Start at: 2018-03-27 05:47:39
End at: 2018-03-27 05:48:09
Local clock offset: 0.049 ms
Remote clock offset: -7.041 ms

Below is generated by plot.py at 2018-03-27 09:49:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.65 Mbit/s
95th percentile per-packet one-way delay: 48.011 ms
Loss rate: 0.90%
-- Flow 1:
Average throughput: 92.65 Mbit/s
95th percentile per-packet one-way delay: 48.011 ms
Loss rate: 0.90%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2018-03-27 06:14:38

End at: 2018-03-27 06:15:08

Local clock offset: 2.804 ms

Remote clock offset: -3.337 ms

Below is generated by plot.py at 2018-03-27 09:49:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.46 Mbit/s

95th percentile per-packet one-way delay: 48.036 ms

Loss rate: 0.92%

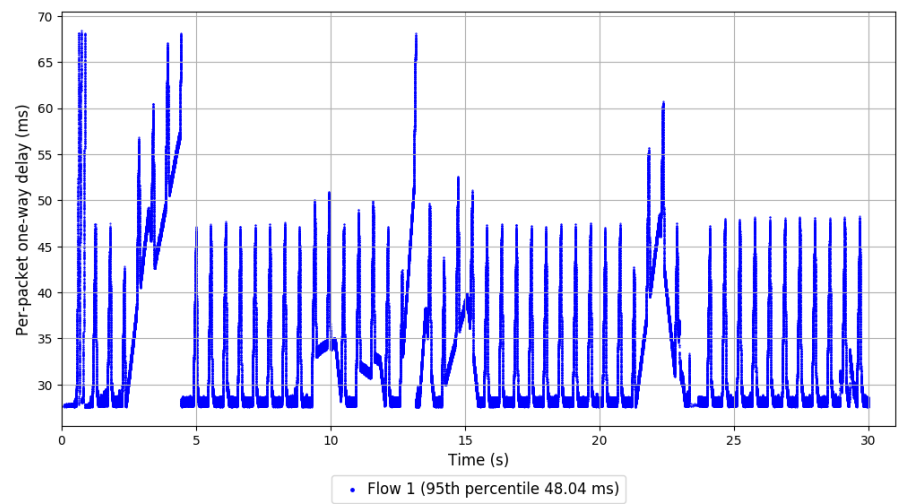
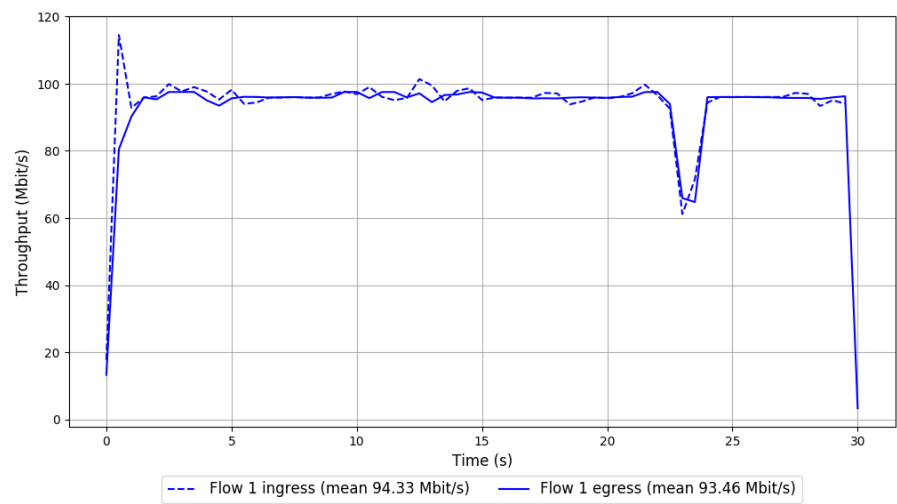
-- Flow 1:

Average throughput: 93.46 Mbit/s

95th percentile per-packet one-way delay: 48.036 ms

Loss rate: 0.92%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2018-03-27 06:41:57

End at: 2018-03-27 06:42:27

Local clock offset: 0.161 ms

Remote clock offset: 0.775 ms

Below is generated by plot.py at 2018-03-27 09:49:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.40 Mbit/s

95th percentile per-packet one-way delay: 49.037 ms

Loss rate: 1.00%

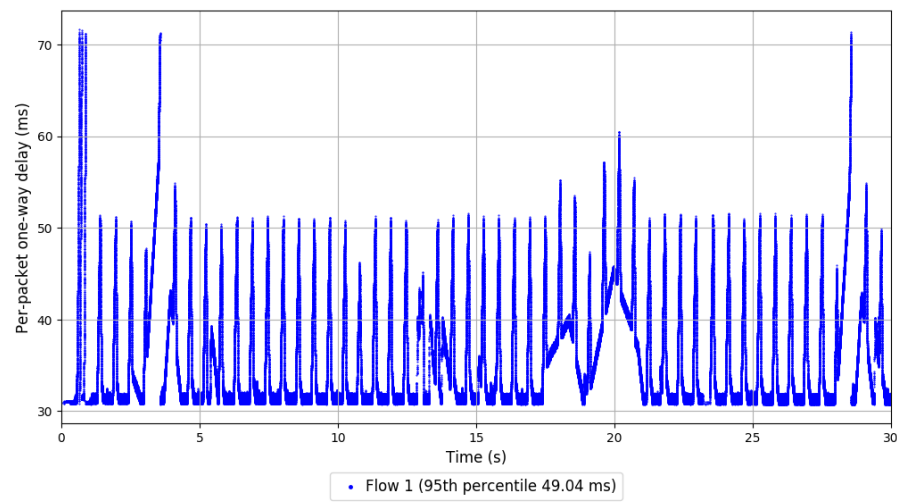
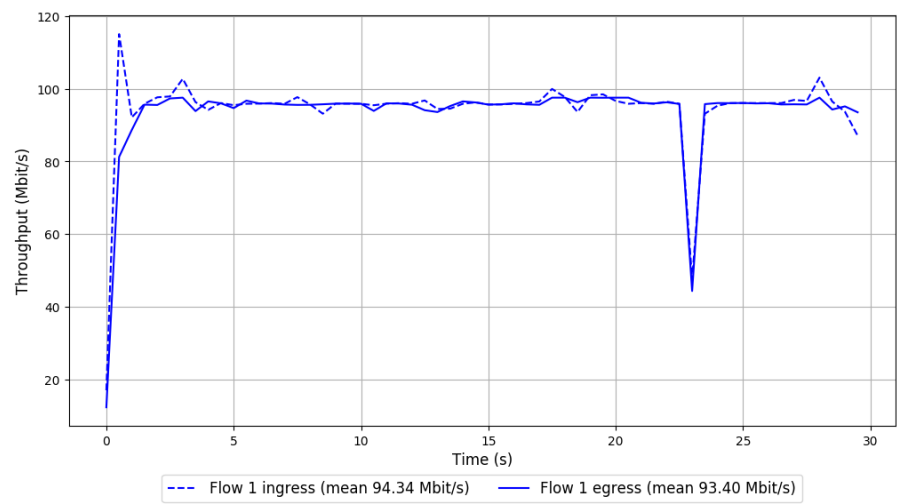
-- Flow 1:

Average throughput: 93.40 Mbit/s

95th percentile per-packet one-way delay: 49.037 ms

Loss rate: 1.00%

Run 4: Report of TCP BBR — Data Link

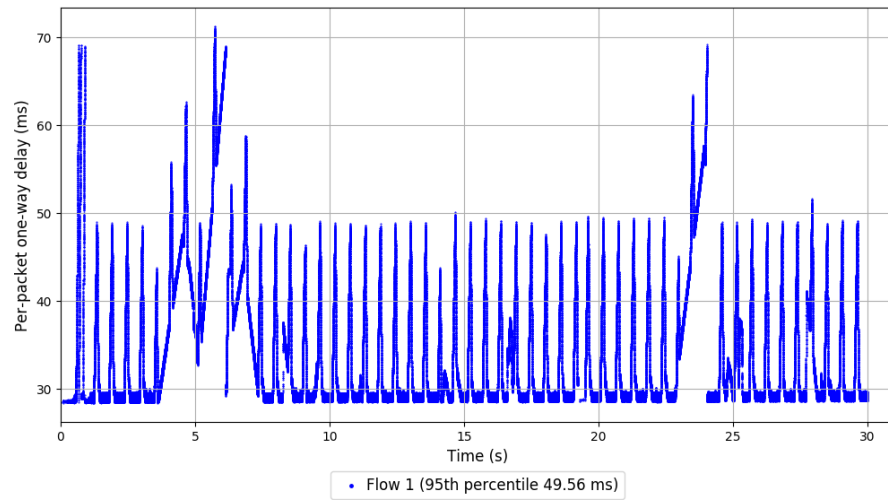
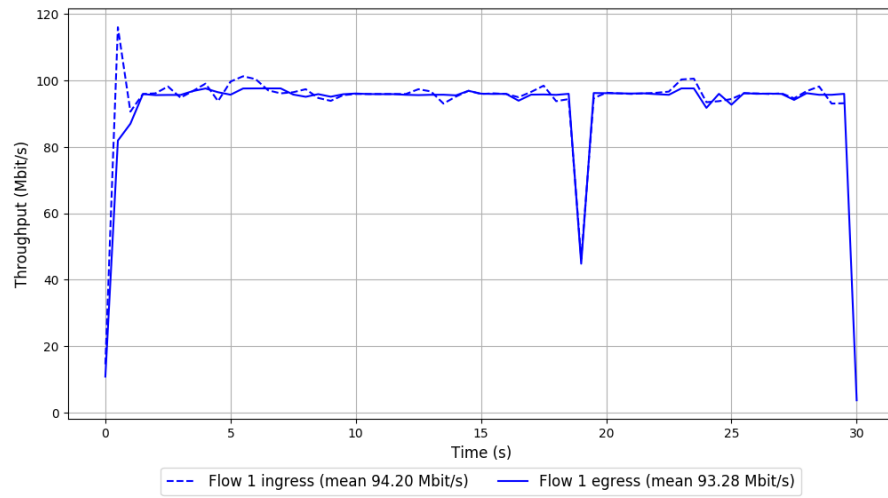


Run 5: Statistics of TCP BBR

Start at: 2018-03-27 07:08:40
End at: 2018-03-27 07:09:10
Local clock offset: 0.532 ms
Remote clock offset: -1.098 ms

Below is generated by plot.py at 2018-03-27 09:49:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.28 Mbit/s
95th percentile per-packet one-way delay: 49.564 ms
Loss rate: 0.97%
-- Flow 1:
Average throughput: 93.28 Mbit/s
95th percentile per-packet one-way delay: 49.564 ms
Loss rate: 0.97%

Run 5: Report of TCP BBR — Data Link

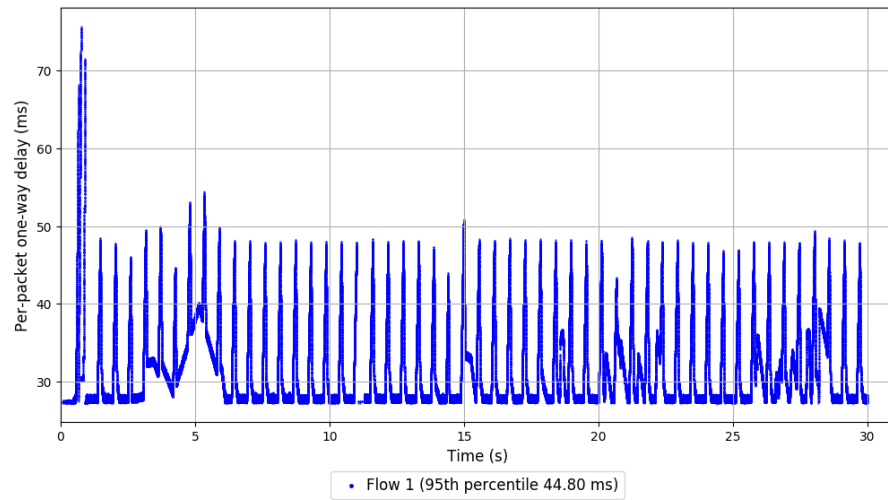
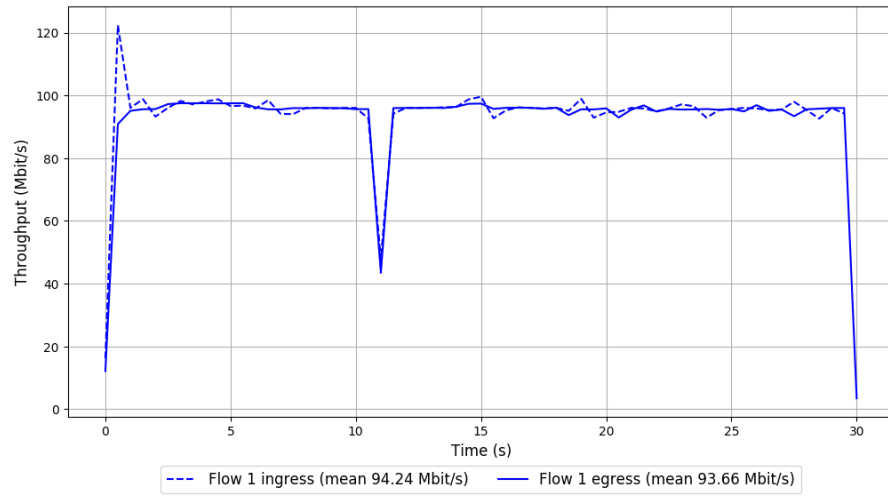


Run 6: Statistics of TCP BBR

Start at: 2018-03-27 07:34:21
End at: 2018-03-27 07:34:51
Local clock offset: 1.856 ms
Remote clock offset: -1.142 ms

Below is generated by plot.py at 2018-03-27 09:49:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.66 Mbit/s
95th percentile per-packet one-way delay: 44.800 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 93.66 Mbit/s
95th percentile per-packet one-way delay: 44.800 ms
Loss rate: 0.61%

Run 6: Report of TCP BBR — Data Link

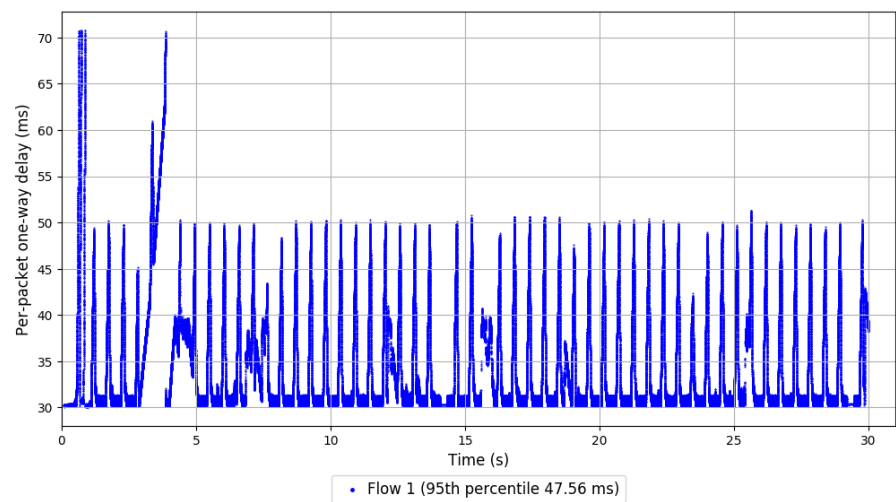
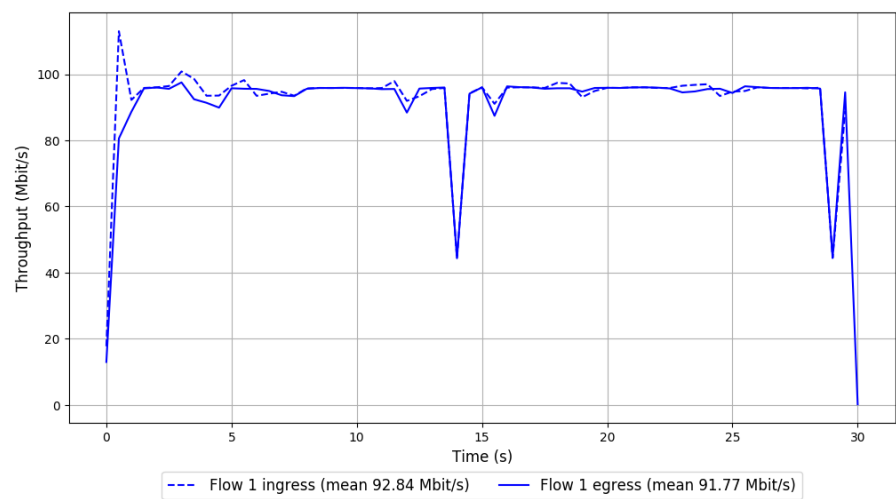


Run 7: Statistics of TCP BBR

Start at: 2018-03-27 07:59:55
End at: 2018-03-27 08:00:25
Local clock offset: -0.203 ms
Remote clock offset: -2.974 ms

Below is generated by plot.py at 2018-03-27 09:49:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.77 Mbit/s
95th percentile per-packet one-way delay: 47.560 ms
Loss rate: 1.13%
-- Flow 1:
Average throughput: 91.77 Mbit/s
95th percentile per-packet one-way delay: 47.560 ms
Loss rate: 1.13%

Run 7: Report of TCP BBR — Data Link

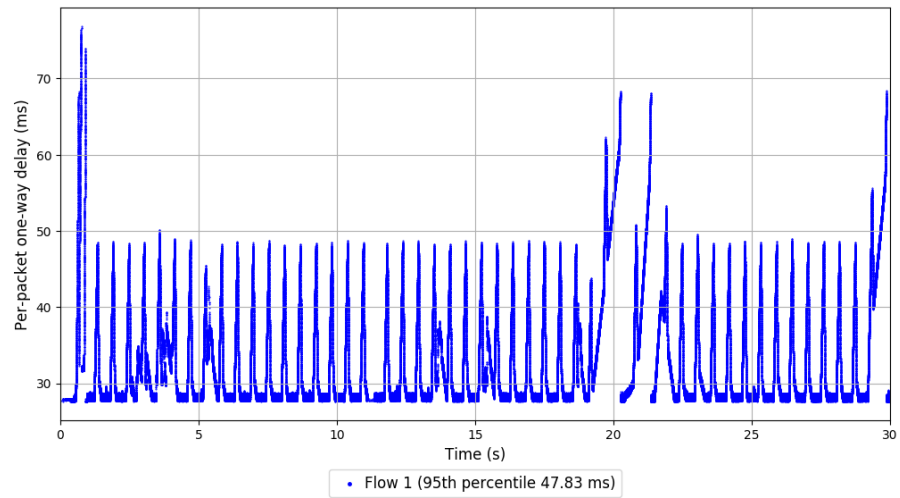
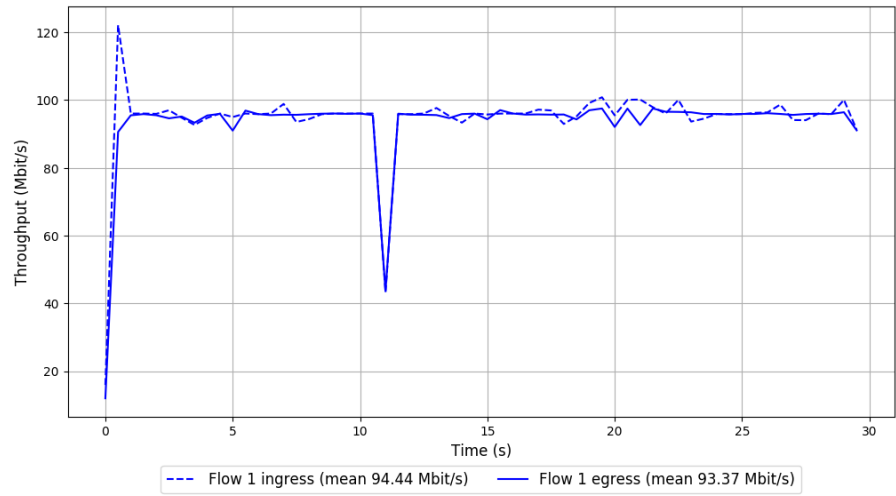


Run 8: Statistics of TCP BBR

Start at: 2018-03-27 08:25:04
End at: 2018-03-27 08:25:34
Local clock offset: -0.236 ms
Remote clock offset: -3.839 ms

Below is generated by plot.py at 2018-03-27 09:49:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.37 Mbit/s
95th percentile per-packet one-way delay: 47.833 ms
Loss rate: 1.14%
-- Flow 1:
Average throughput: 93.37 Mbit/s
95th percentile per-packet one-way delay: 47.833 ms
Loss rate: 1.14%

Run 8: Report of TCP BBR — Data Link

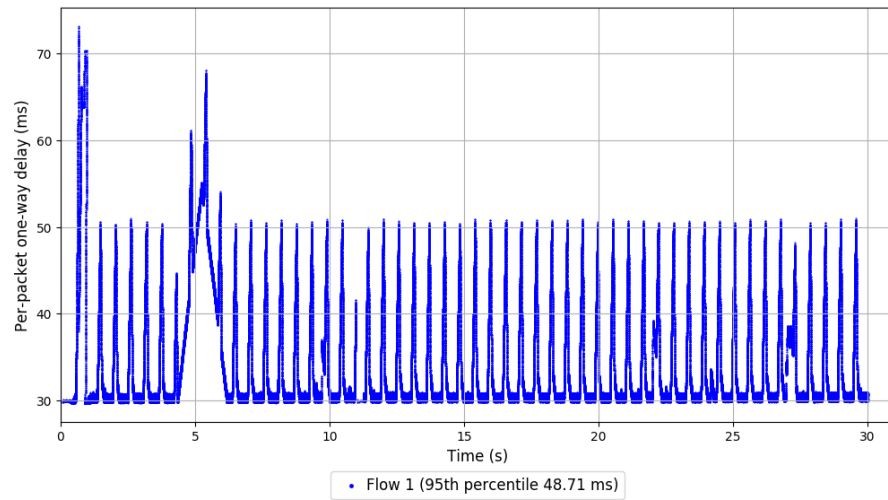
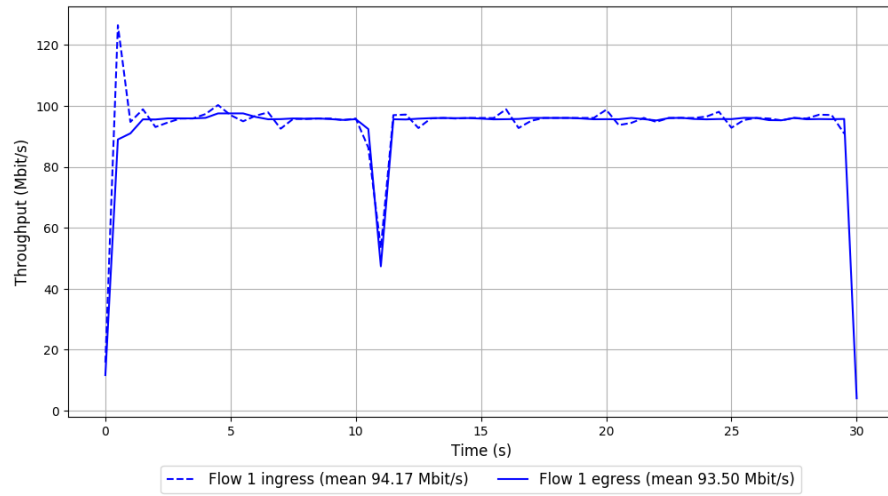


Run 9: Statistics of TCP BBR

Start at: 2018-03-27 08:50:46
End at: 2018-03-27 08:51:16
Local clock offset: 1.093 ms
Remote clock offset: -1.863 ms

Below is generated by plot.py at 2018-03-27 09:50:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.50 Mbit/s
95th percentile per-packet one-way delay: 48.711 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 93.50 Mbit/s
95th percentile per-packet one-way delay: 48.711 ms
Loss rate: 0.70%

Run 9: Report of TCP BBR — Data Link

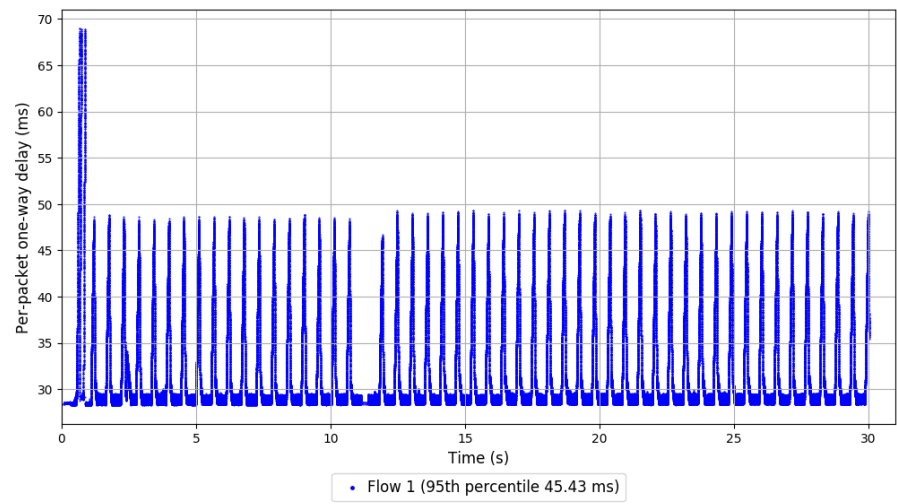
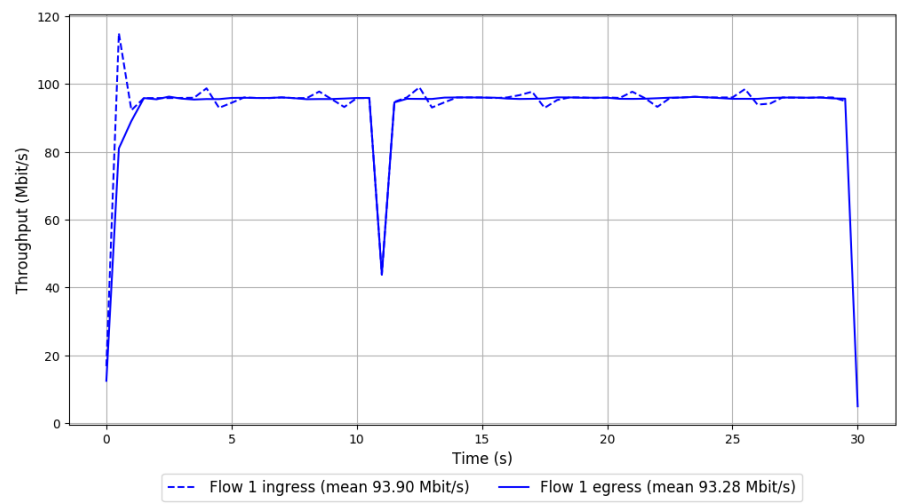


Run 10: Statistics of TCP BBR

Start at: 2018-03-27 09:15:19
End at: 2018-03-27 09:15:49
Local clock offset: 2.827 ms
Remote clock offset: -5.799 ms

Below is generated by plot.py at 2018-03-27 09:50:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.28 Mbit/s
95th percentile per-packet one-way delay: 45.427 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 93.28 Mbit/s
95th percentile per-packet one-way delay: 45.427 ms
Loss rate: 0.64%

Run 10: Report of TCP BBR — Data Link

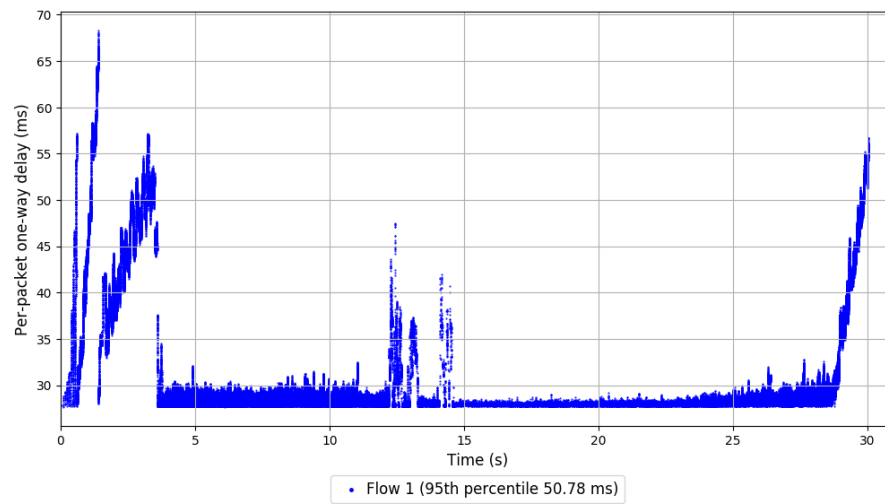
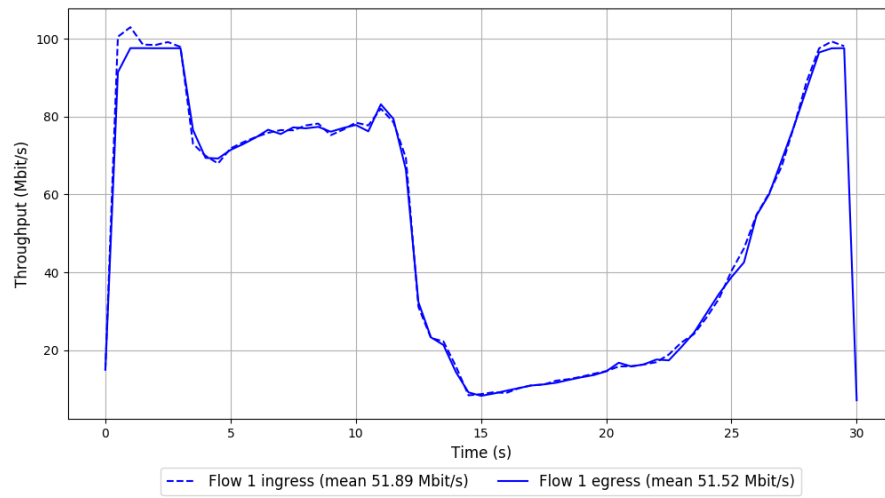


Run 1: Statistics of TCP Cubic

Start at: 2018-03-27 05:11:17
End at: 2018-03-27 05:11:47
Local clock offset: 0.206 ms
Remote clock offset: -6.724 ms

Below is generated by plot.py at 2018-03-27 09:50:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 51.52 Mbit/s
95th percentile per-packet one-way delay: 50.778 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 51.52 Mbit/s
95th percentile per-packet one-way delay: 50.778 ms
Loss rate: 0.64%

Run 1: Report of TCP Cubic — Data Link

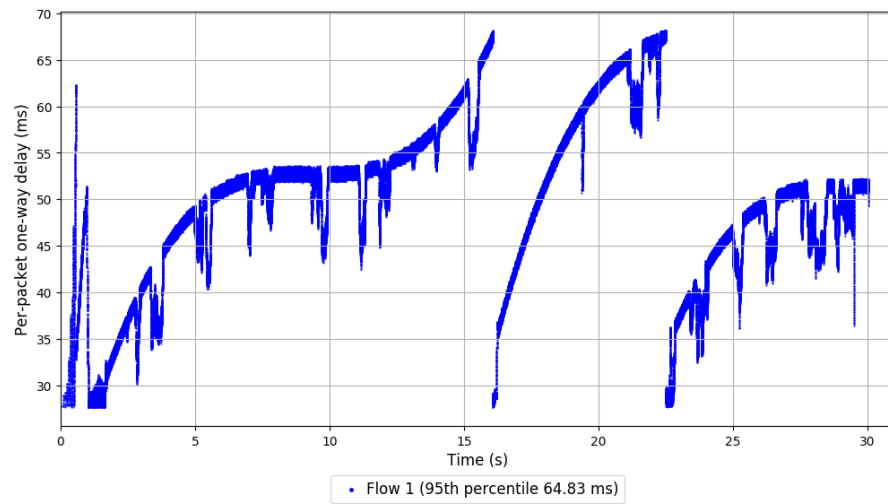
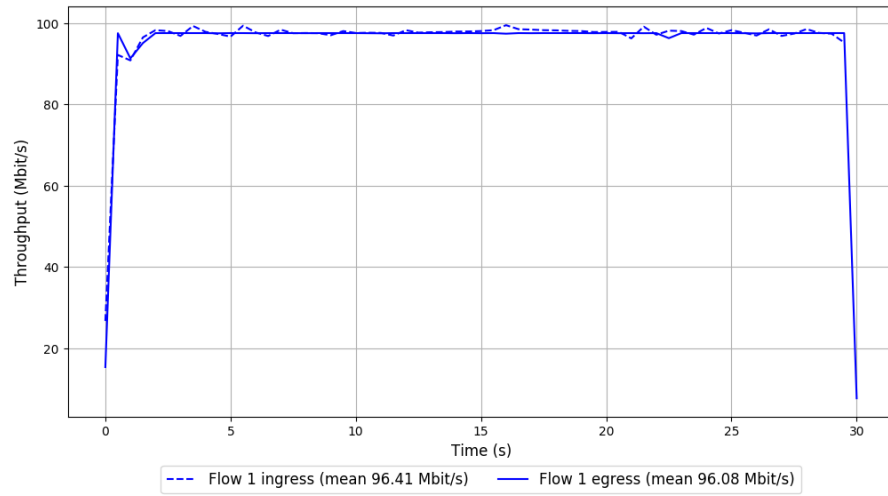


Run 2: Statistics of TCP Cubic

Start at: 2018-03-27 05:38:22
End at: 2018-03-27 05:38:53
Local clock offset: 0.108 ms
Remote clock offset: -6.801 ms

Below is generated by plot.py at 2018-03-27 09:50:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.08 Mbit/s
95th percentile per-packet one-way delay: 64.832 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 96.08 Mbit/s
95th percentile per-packet one-way delay: 64.832 ms
Loss rate: 0.26%

Run 2: Report of TCP Cubic — Data Link

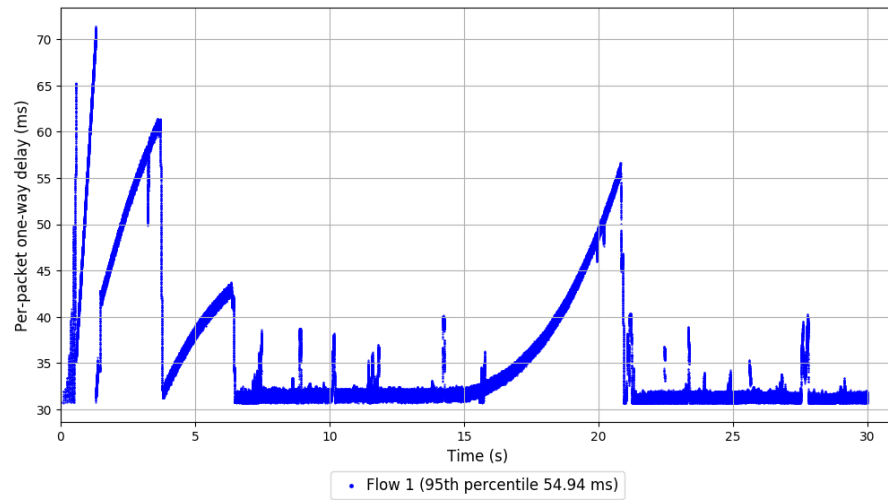
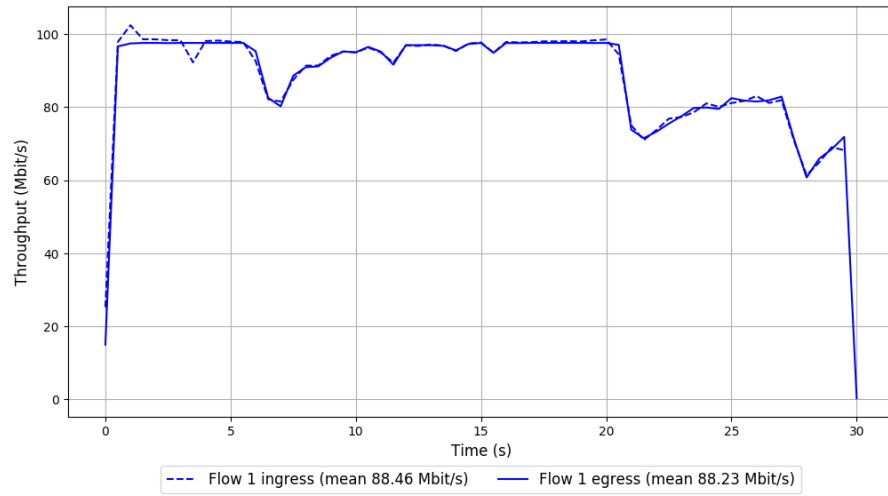


Run 3: Statistics of TCP Cubic

Start at: 2018-03-27 06:05:23
End at: 2018-03-27 06:05:53
Local clock offset: 2.206 ms
Remote clock offset: -2.264 ms

Below is generated by plot.py at 2018-03-27 09:50:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.23 Mbit/s
95th percentile per-packet one-way delay: 54.944 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 88.23 Mbit/s
95th percentile per-packet one-way delay: 54.944 ms
Loss rate: 0.25%

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: 2018-03-27 06:32:30

End at: 2018-03-27 06:33:00

Local clock offset: 1.717 ms

Remote clock offset: 0.921 ms

Below is generated by plot.py at 2018-03-27 09:50:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 76.98 Mbit/s

95th percentile per-packet one-way delay: 66.213 ms

Loss rate: 0.51%

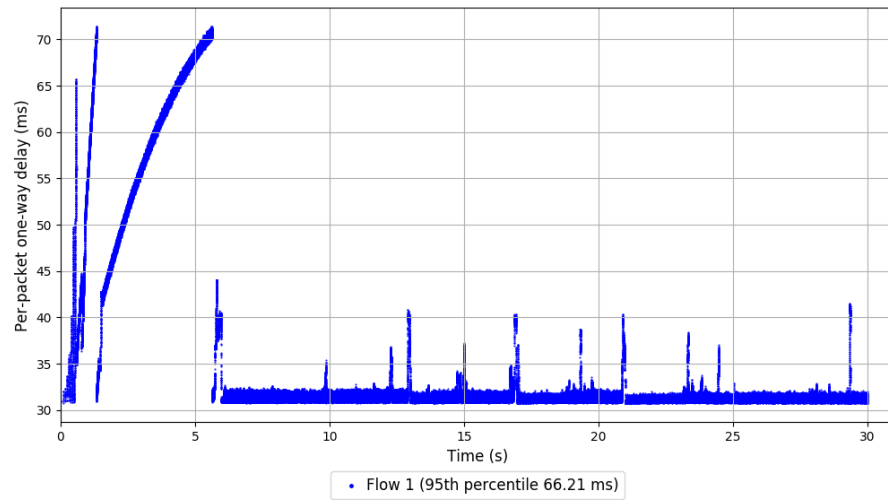
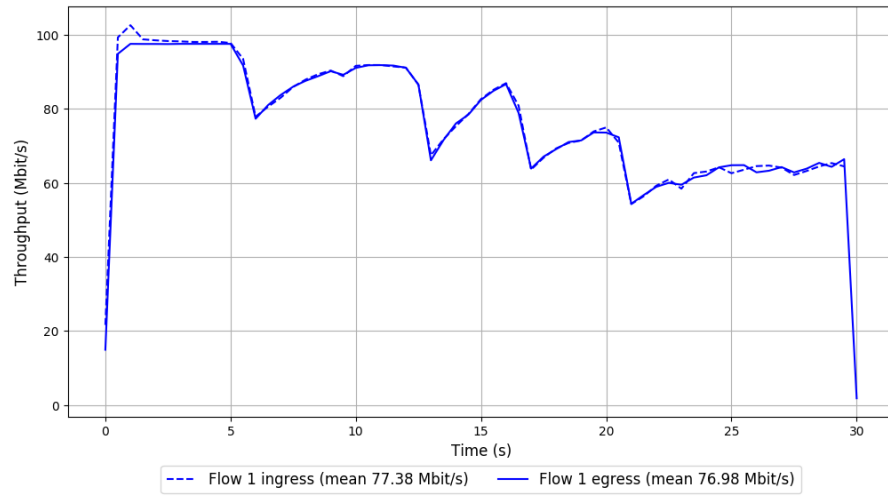
-- Flow 1:

Average throughput: 76.98 Mbit/s

95th percentile per-packet one-way delay: 66.213 ms

Loss rate: 0.51%

Run 4: Report of TCP Cubic — Data Link

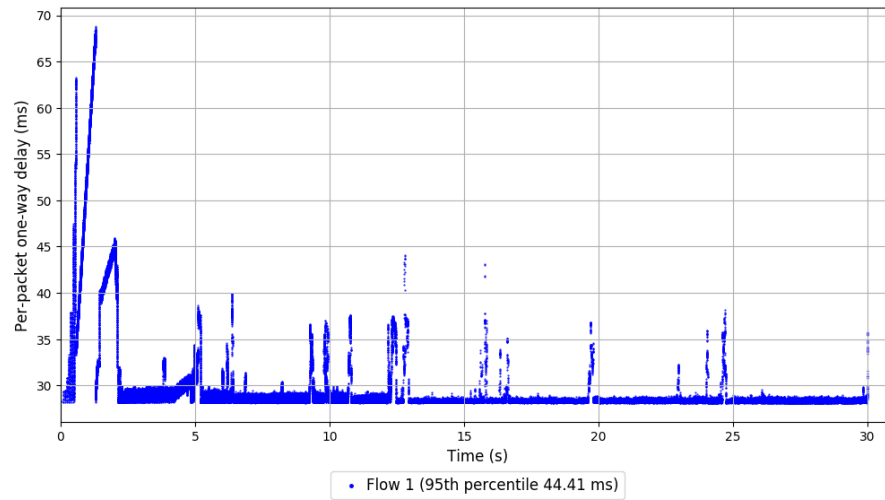
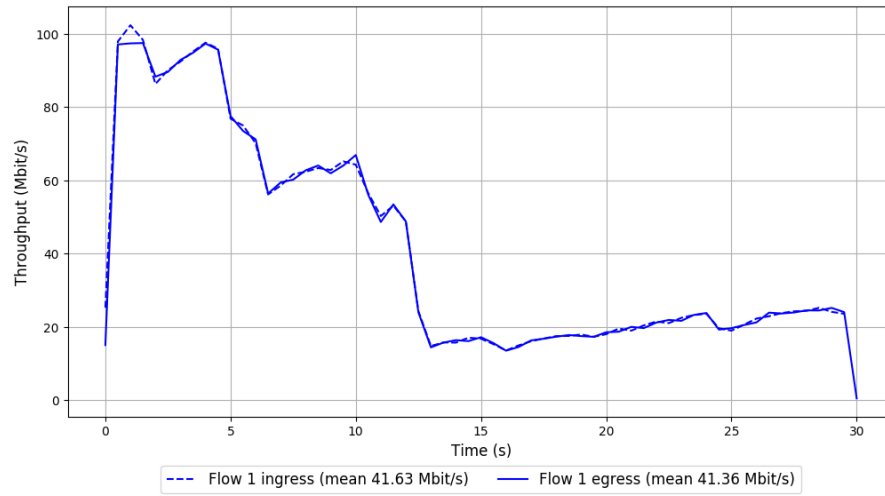


Run 5: Statistics of TCP Cubic

Start at: 2018-03-27 06:59:55
End at: 2018-03-27 07:00:25
Local clock offset: -0.965 ms
Remote clock offset: -0.417 ms

Below is generated by plot.py at 2018-03-27 09:50:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 41.36 Mbit/s
95th percentile per-packet one-way delay: 44.411 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 41.36 Mbit/s
95th percentile per-packet one-way delay: 44.411 ms
Loss rate: 0.63%

Run 5: Report of TCP Cubic — Data Link



Run 6: Statistics of TCP Cubic

Start at: 2018-03-27 07:25:35

End at: 2018-03-27 07:26:05

Local clock offset: 1.719 ms

Remote clock offset: 1.092 ms

Below is generated by plot.py at 2018-03-27 09:50:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.29 Mbit/s

95th percentile per-packet one-way delay: 63.993 ms

Loss rate: 0.31%

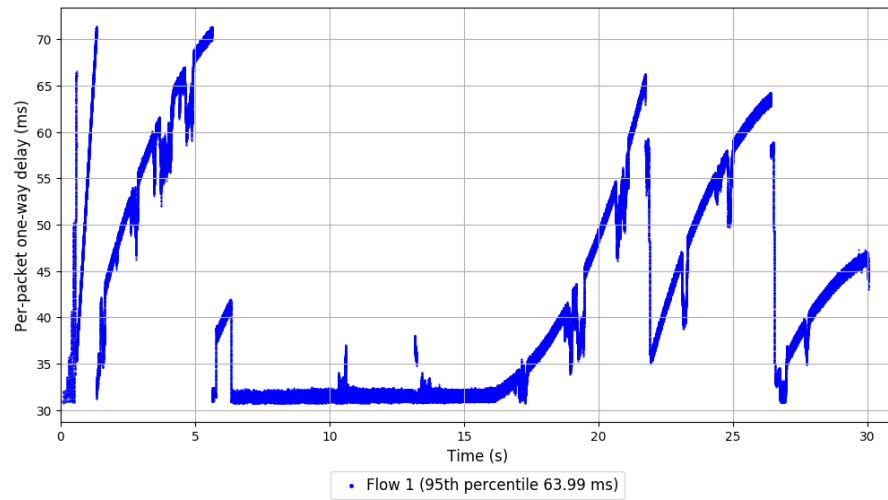
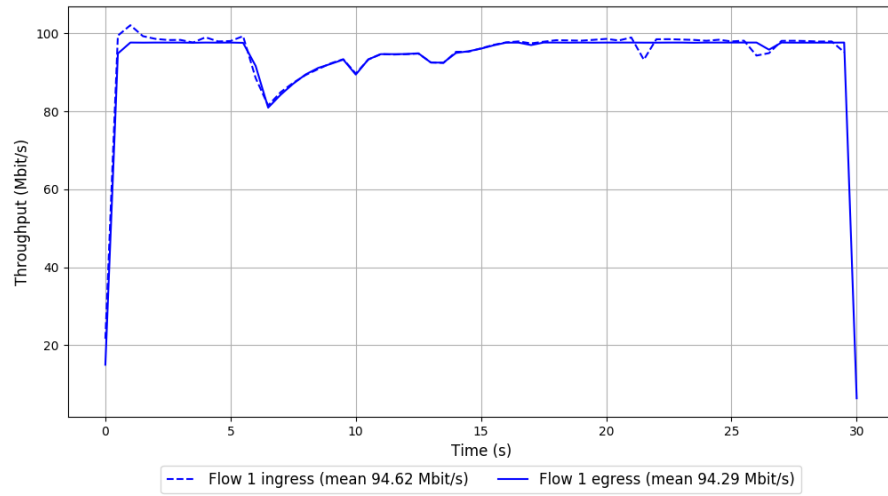
-- Flow 1:

Average throughput: 94.29 Mbit/s

95th percentile per-packet one-way delay: 63.993 ms

Loss rate: 0.31%

Run 6: Report of TCP Cubic — Data Link

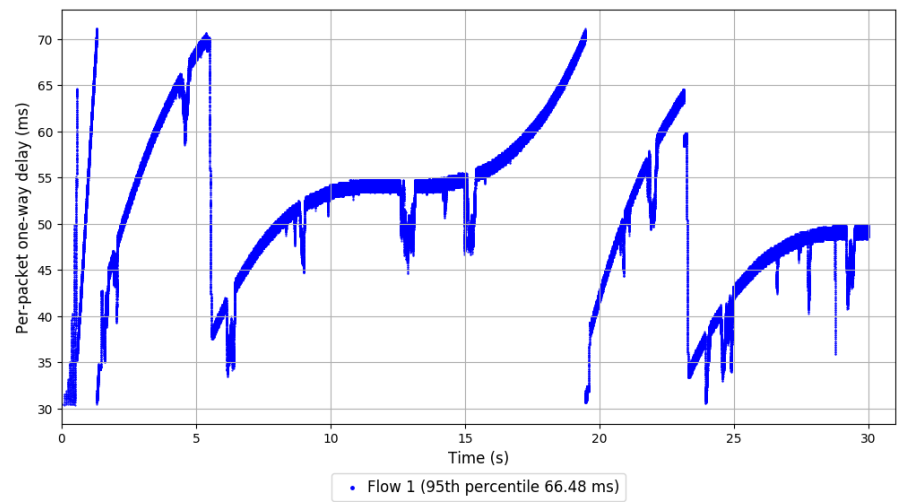
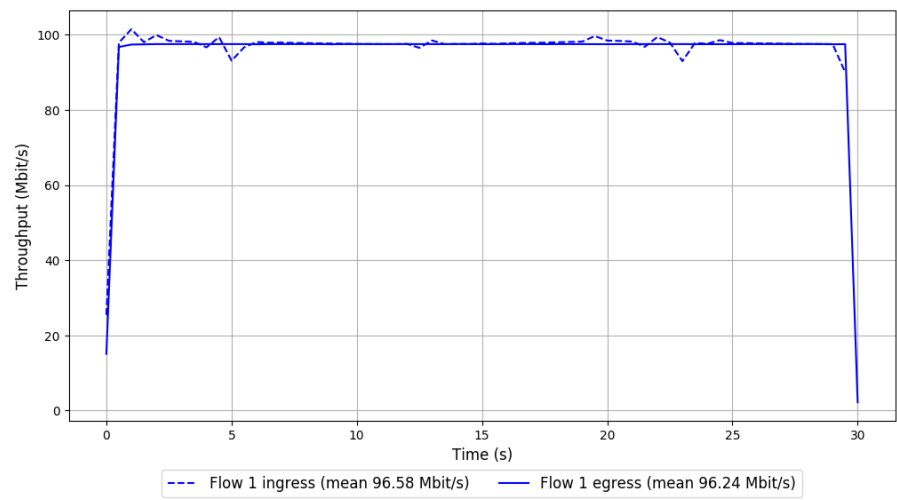


Run 7: Statistics of TCP Cubic

Start at: 2018-03-27 07:51:30
End at: 2018-03-27 07:52:00
Local clock offset: 0.15 ms
Remote clock offset: -2.468 ms

Below is generated by plot.py at 2018-03-27 09:51:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.24 Mbit/s
95th percentile per-packet one-way delay: 66.476 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 96.24 Mbit/s
95th percentile per-packet one-way delay: 66.476 ms
Loss rate: 0.30%

Run 7: Report of TCP Cubic — Data Link

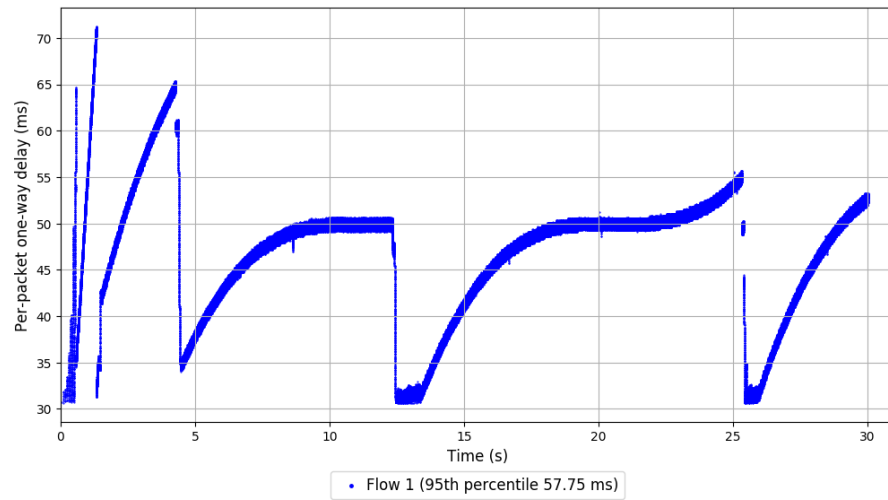
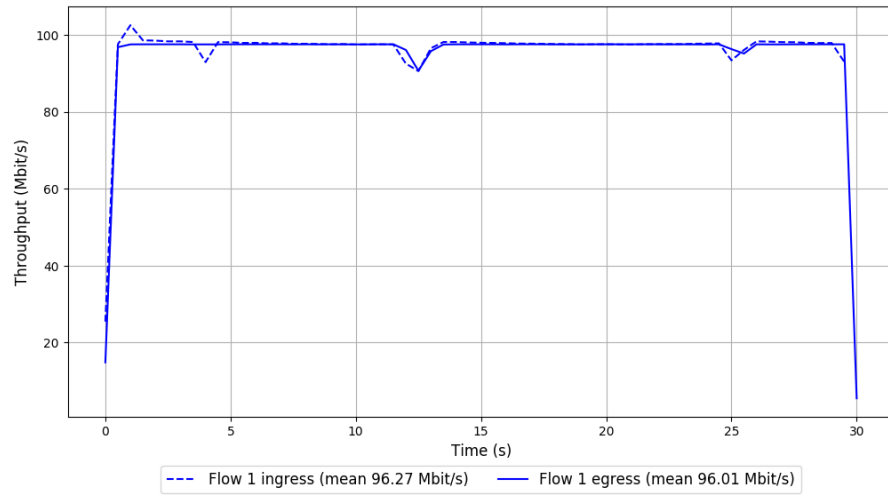


Run 8: Statistics of TCP Cubic

Start at: 2018-03-27 08:16:49
End at: 2018-03-27 08:17:19
Local clock offset: -0.212 ms
Remote clock offset: -2.447 ms

Below is generated by plot.py at 2018-03-27 09:51:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.01 Mbit/s
95th percentile per-packet one-way delay: 57.751 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 96.01 Mbit/s
95th percentile per-packet one-way delay: 57.751 ms
Loss rate: 0.20%

Run 8: Report of TCP Cubic — Data Link

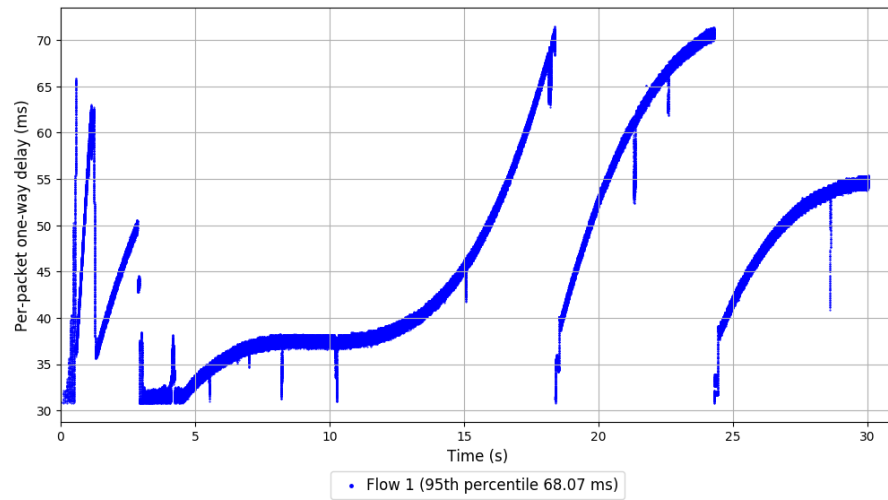
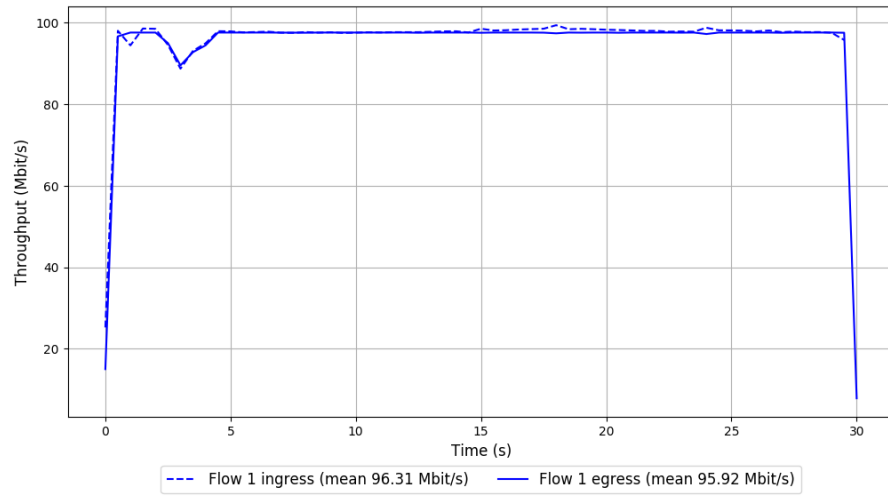


Run 9: Statistics of TCP Cubic

Start at: 2018-03-27 08:41:51
End at: 2018-03-27 08:42:21
Local clock offset: -0.245 ms
Remote clock offset: -0.883 ms

Below is generated by plot.py at 2018-03-27 09:52:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.92 Mbit/s
95th percentile per-packet one-way delay: 68.074 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 95.92 Mbit/s
95th percentile per-packet one-way delay: 68.074 ms
Loss rate: 0.34%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2018-03-27 09:07:05

End at: 2018-03-27 09:07:35

Local clock offset: 2.37 ms

Remote clock offset: -3.156 ms

Below is generated by plot.py at 2018-03-27 09:52:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.92 Mbit/s

95th percentile per-packet one-way delay: 66.940 ms

Loss rate: 0.46%

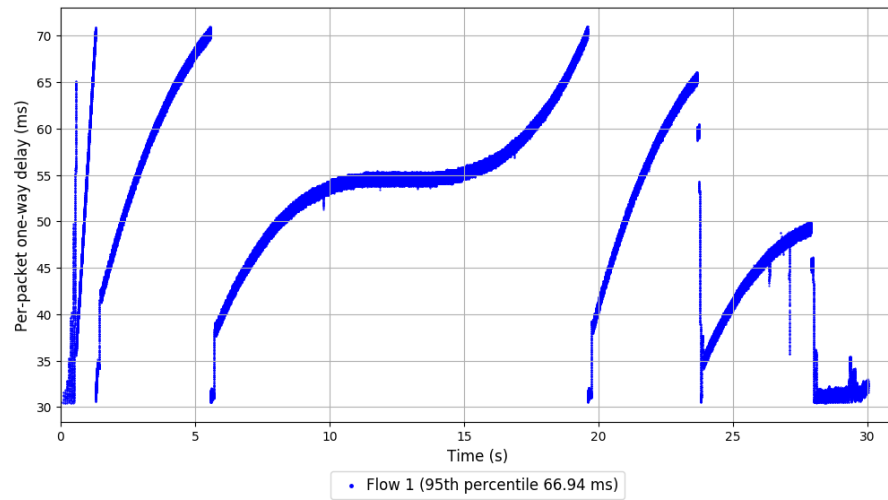
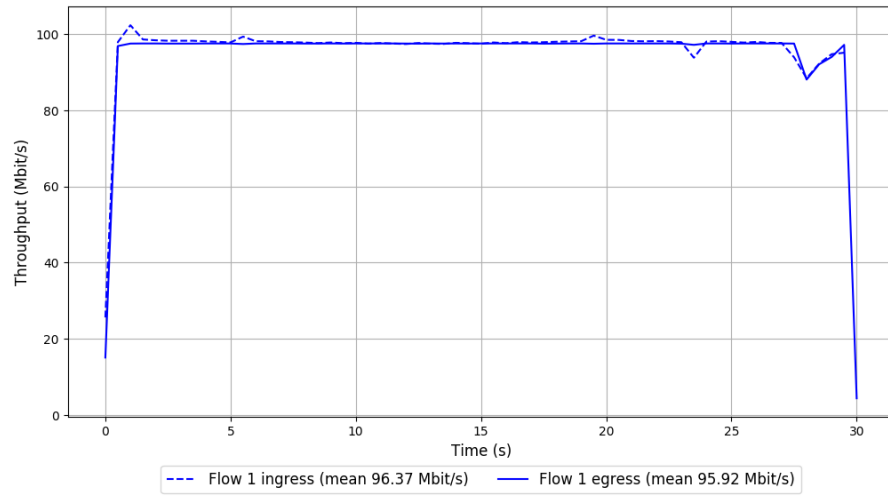
-- Flow 1:

Average throughput: 95.92 Mbit/s

95th percentile per-packet one-way delay: 66.940 ms

Loss rate: 0.46%

Run 10: Report of TCP Cubic — Data Link

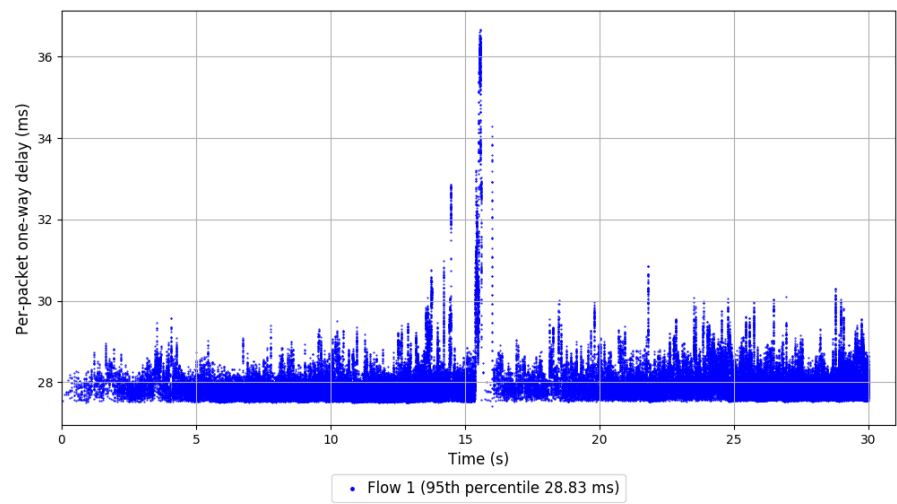
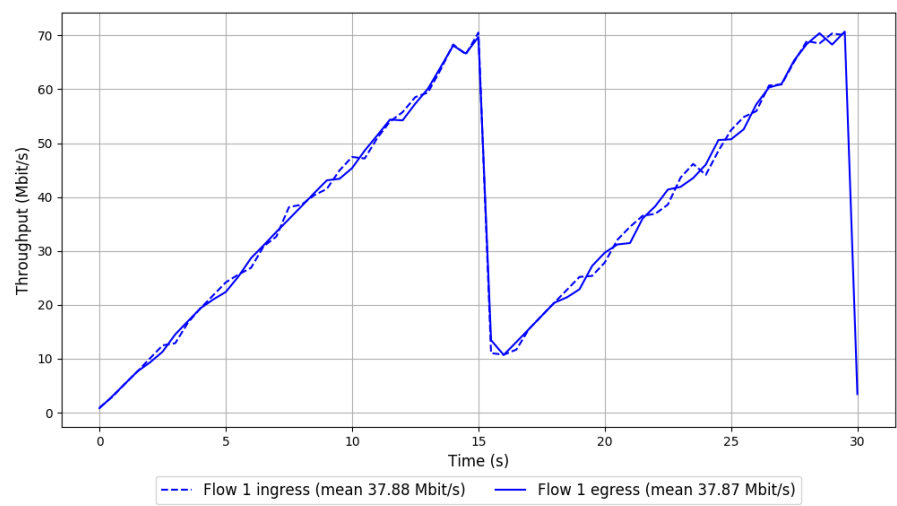


Run 1: Statistics of LEDBAT

Start at: 2018-03-27 05:05:33
End at: 2018-03-27 05:06:03
Local clock offset: 0.308 ms
Remote clock offset: -6.399 ms

Below is generated by plot.py at 2018-03-27 09:52:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 37.87 Mbit/s
95th percentile per-packet one-way delay: 28.831 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 37.87 Mbit/s
95th percentile per-packet one-way delay: 28.831 ms
Loss rate: 0.02%

Run 1: Report of LEDBAT — Data Link

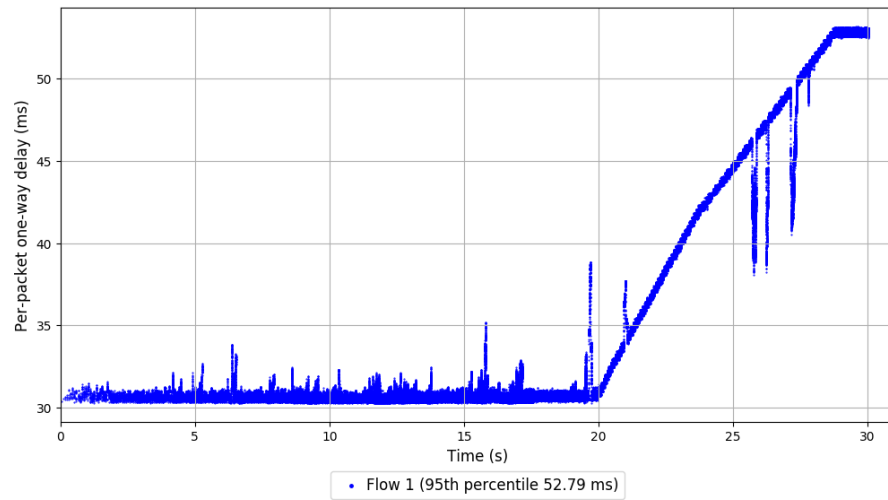
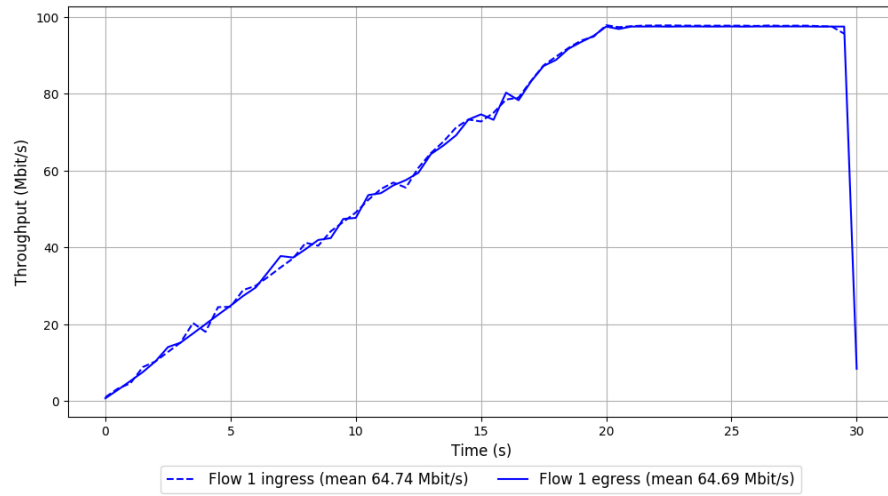


Run 2: Statistics of LEDBAT

Start at: 2018-03-27 05:33:55
End at: 2018-03-27 05:34:25
Local clock offset: 0.211 ms
Remote clock offset: -4.751 ms

Below is generated by plot.py at 2018-03-27 09:52:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 64.69 Mbit/s
95th percentile per-packet one-way delay: 52.789 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 64.69 Mbit/s
95th percentile per-packet one-way delay: 52.789 ms
Loss rate: 0.00%

Run 2: Report of LEDBAT — Data Link

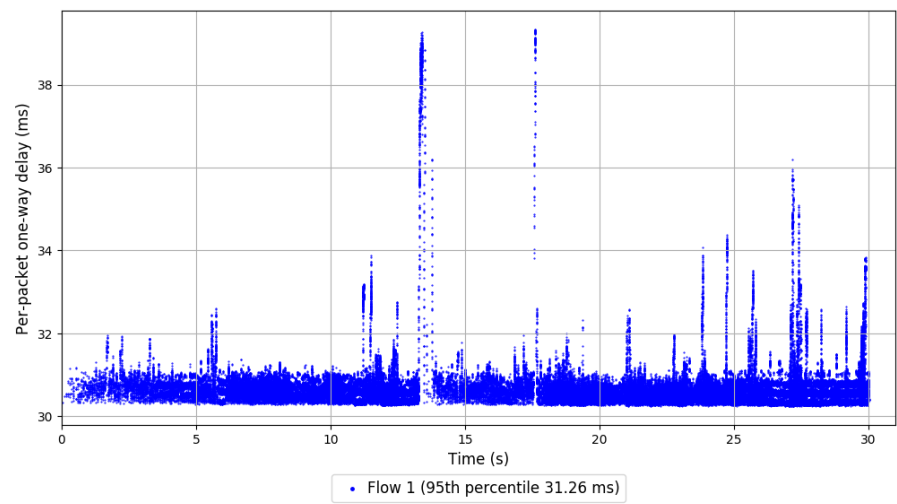
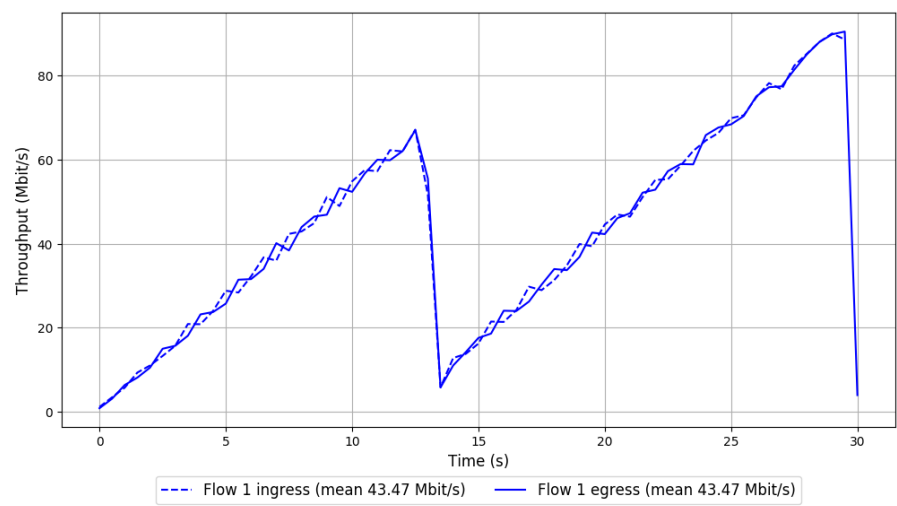


Run 3: Statistics of LEDBAT

Start at: 2018-03-27 06:00:50
End at: 2018-03-27 06:01:20
Local clock offset: 1.664 ms
Remote clock offset: -3.641 ms

Below is generated by plot.py at 2018-03-27 09:52:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 43.47 Mbit/s
95th percentile per-packet one-way delay: 31.262 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 43.47 Mbit/s
95th percentile per-packet one-way delay: 31.262 ms
Loss rate: 0.01%

Run 3: Report of LEDBAT — Data Link

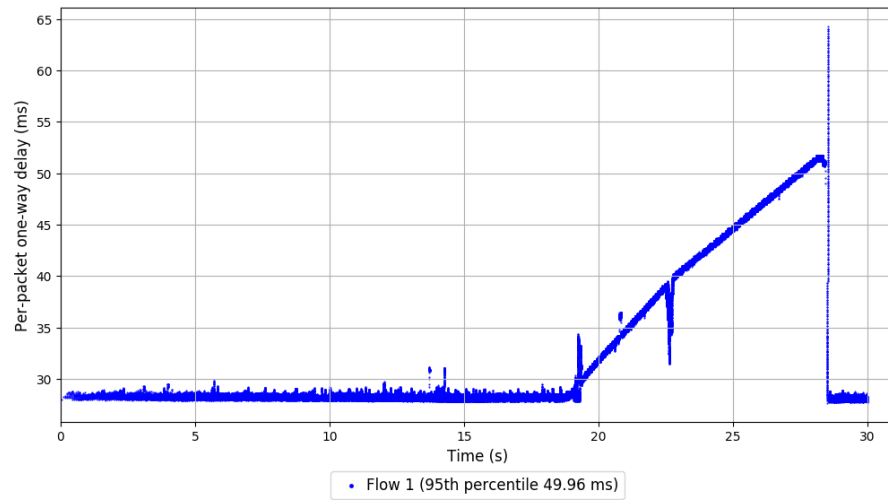
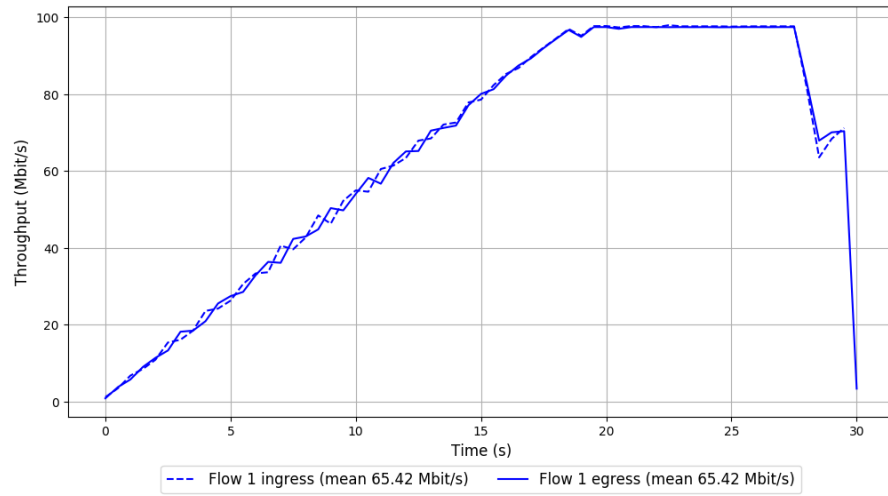


Run 4: Statistics of LEDBAT

Start at: 2018-03-27 06:27:48
End at: 2018-03-27 06:28:18
Local clock offset: 3.309 ms
Remote clock offset: -1.672 ms

Below is generated by plot.py at 2018-03-27 09:52:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 65.42 Mbit/s
95th percentile per-packet one-way delay: 49.959 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 65.42 Mbit/s
95th percentile per-packet one-way delay: 49.959 ms
Loss rate: 0.00%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: 2018-03-27 06:55:14

End at: 2018-03-27 06:55:44

Local clock offset: -0.728 ms

Remote clock offset: 1.168 ms

Below is generated by plot.py at 2018-03-27 09:52:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 51.97 Mbit/s

95th percentile per-packet one-way delay: 35.024 ms

Loss rate: 0.02%

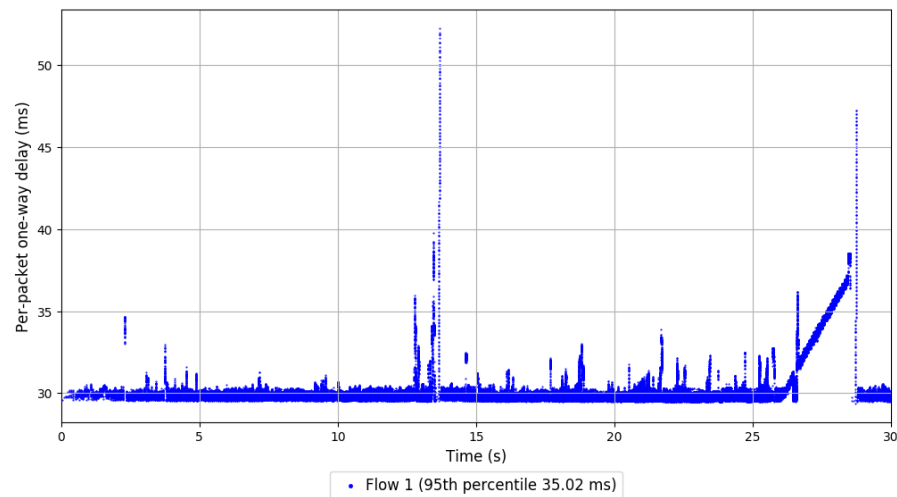
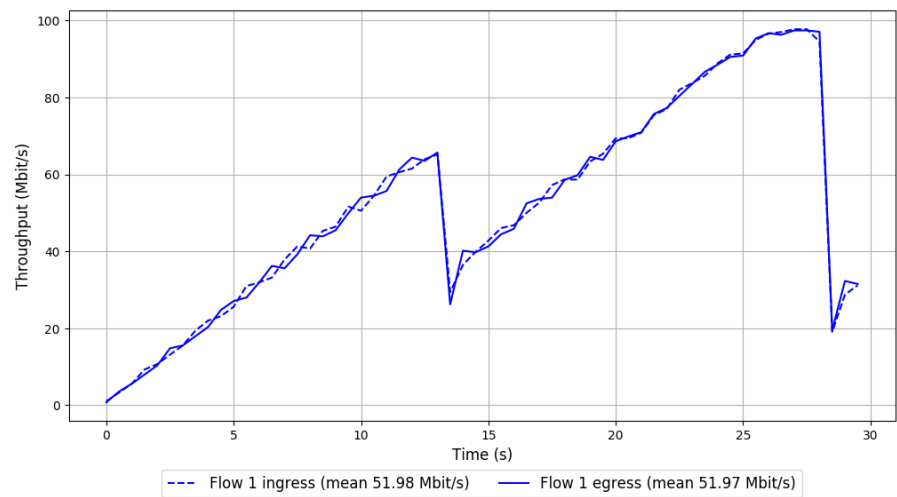
-- Flow 1:

Average throughput: 51.97 Mbit/s

95th percentile per-packet one-way delay: 35.024 ms

Loss rate: 0.02%

Run 5: Report of LEDBAT — Data Link



Run 6: Statistics of LEDBAT

Start at: 2018-03-27 07:21:08

End at: 2018-03-27 07:21:38

Local clock offset: 1.601 ms

Remote clock offset: 0.864 ms

Below is generated by plot.py at 2018-03-27 09:52:25

Datalink statistics

-- Total of 1 flow:

Average throughput: 57.96 Mbit/s

95th percentile per-packet one-way delay: 49.775 ms

Loss rate: 0.02%

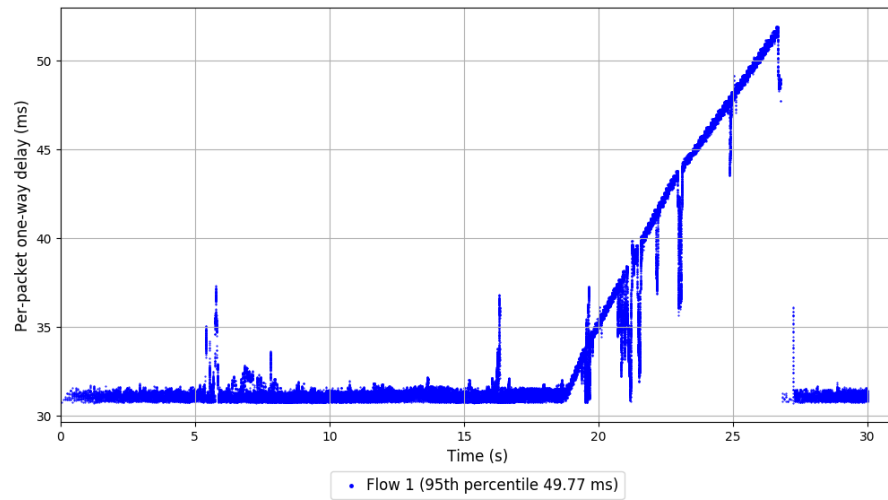
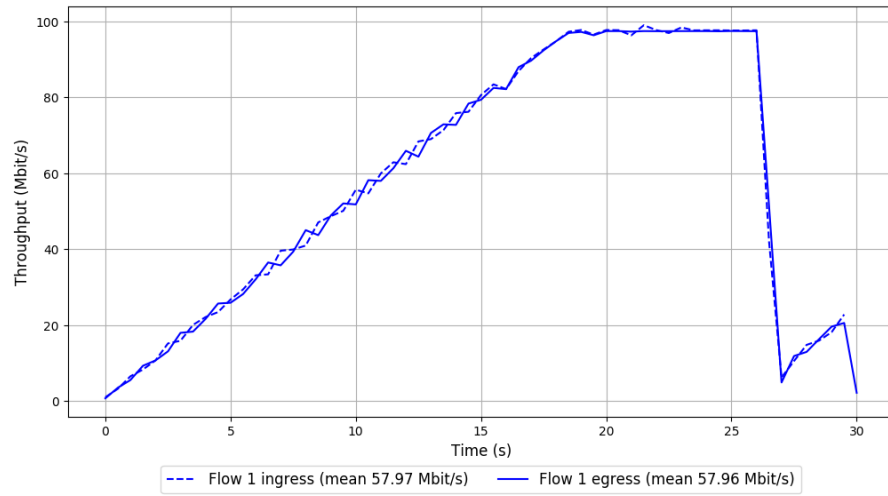
-- Flow 1:

Average throughput: 57.96 Mbit/s

95th percentile per-packet one-way delay: 49.775 ms

Loss rate: 0.02%

Run 6: Report of LEDBAT — Data Link

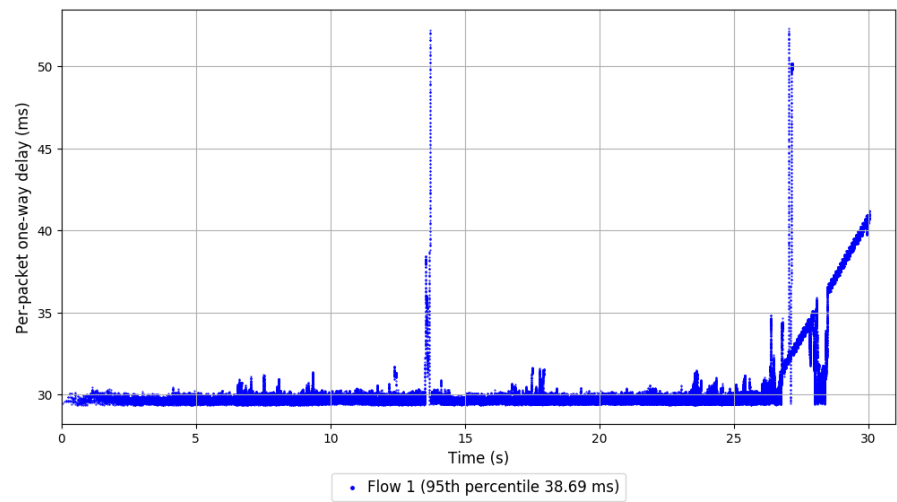
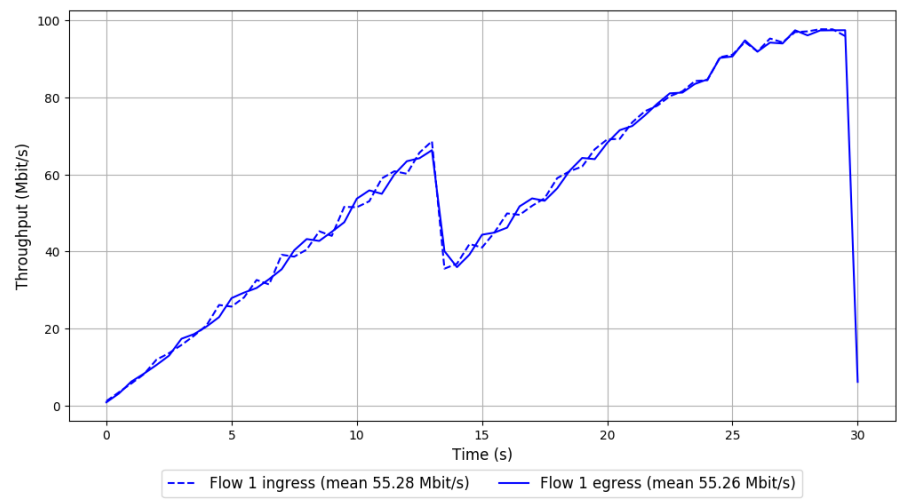


Run 7: Statistics of LEDBAT

Start at: 2018-03-27 07:47:12
End at: 2018-03-27 07:47:42
Local clock offset: 0.408 ms
Remote clock offset: -2.139 ms

Below is generated by plot.py at 2018-03-27 09:52:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 55.26 Mbit/s
95th percentile per-packet one-way delay: 38.687 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 55.26 Mbit/s
95th percentile per-packet one-way delay: 38.687 ms
Loss rate: 0.00%

Run 7: Report of LEDBAT — Data Link

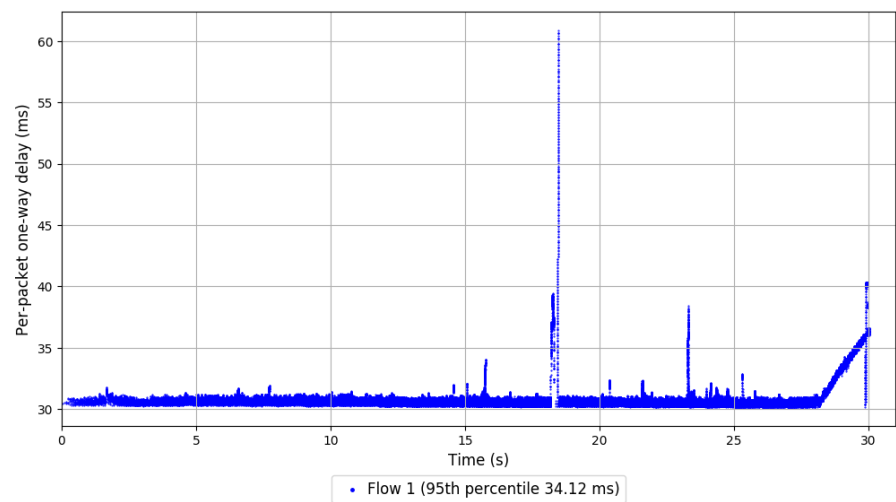
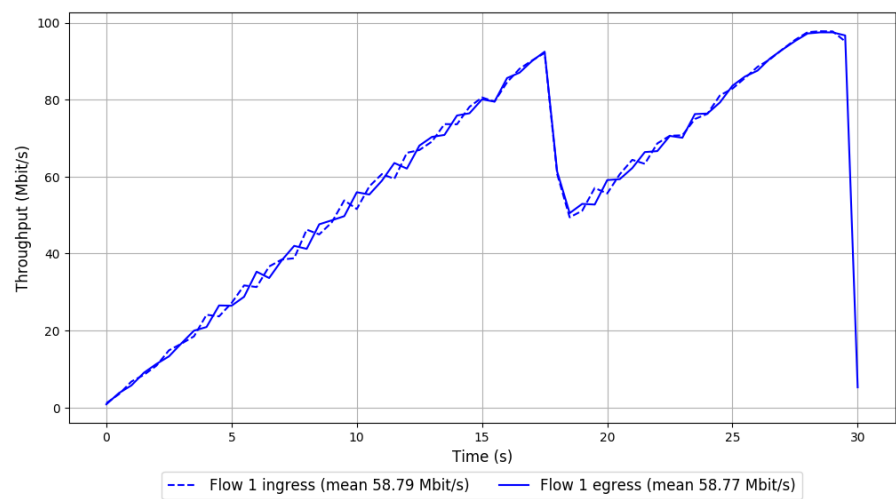


Run 8: Statistics of LEDBAT

Start at: 2018-03-27 08:12:33
End at: 2018-03-27 08:13:03
Local clock offset: -0.447 ms
Remote clock offset: -4.066 ms

Below is generated by plot.py at 2018-03-27 09:52:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 58.77 Mbit/s
95th percentile per-packet one-way delay: 34.116 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 58.77 Mbit/s
95th percentile per-packet one-way delay: 34.116 ms
Loss rate: 0.01%

Run 8: Report of LEDBAT — Data Link

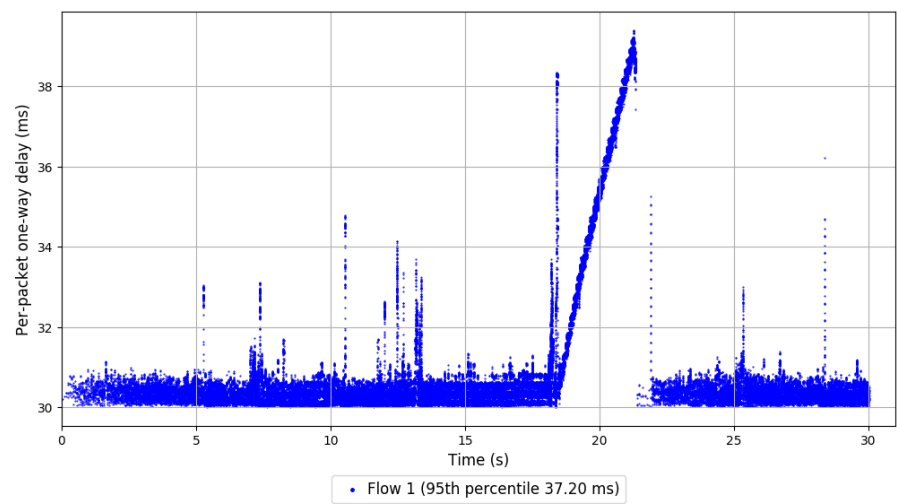
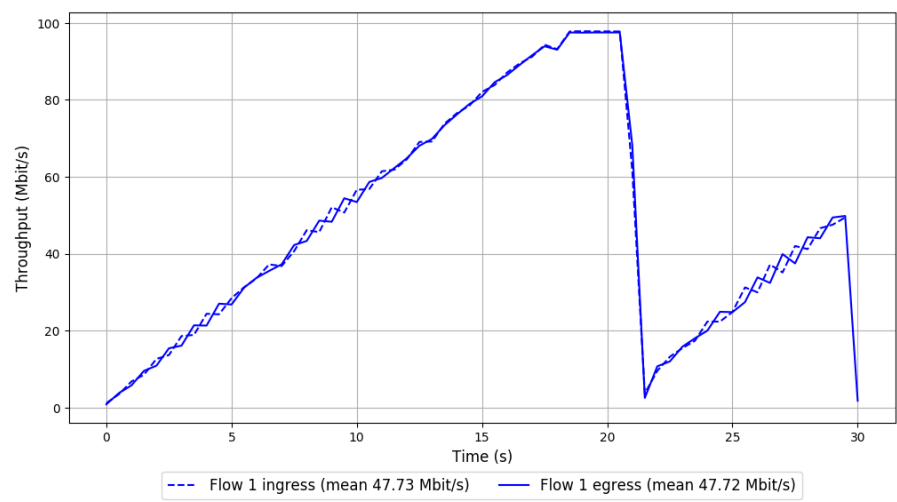


Run 9: Statistics of LEDBAT

Start at: 2018-03-27 08:37:30
End at: 2018-03-27 08:38:00
Local clock offset: -0.209 ms
Remote clock offset: -0.917 ms

Below is generated by plot.py at 2018-03-27 09:52:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 47.72 Mbit/s
95th percentile per-packet one-way delay: 37.204 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 47.72 Mbit/s
95th percentile per-packet one-way delay: 37.204 ms
Loss rate: 0.03%

Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: 2018-03-27 09:02:55

End at: 2018-03-27 09:03:25

Local clock offset: 2.142 ms

Remote clock offset: -4.877 ms

Below is generated by plot.py at 2018-03-27 09:52:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 68.21 Mbit/s

95th percentile per-packet one-way delay: 52.316 ms

Loss rate: 0.00%

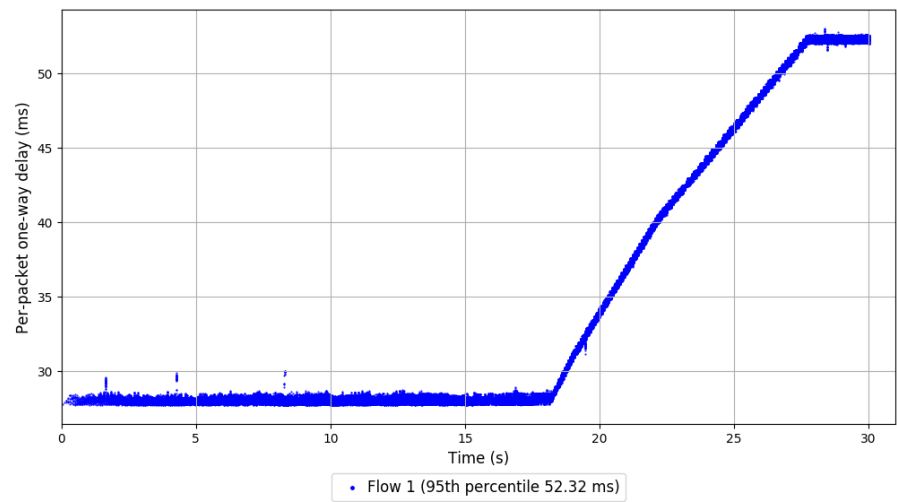
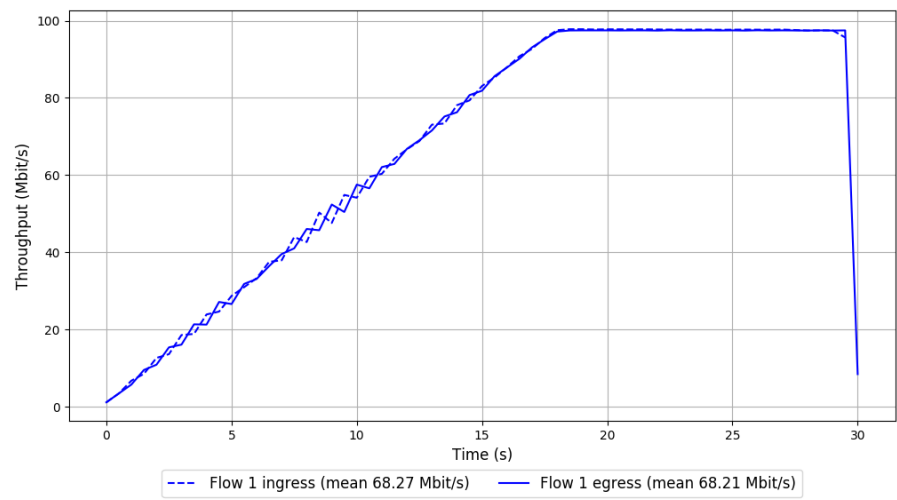
-- Flow 1:

Average throughput: 68.21 Mbit/s

95th percentile per-packet one-way delay: 52.316 ms

Loss rate: 0.00%

Run 10: Report of LEDBAT — Data Link

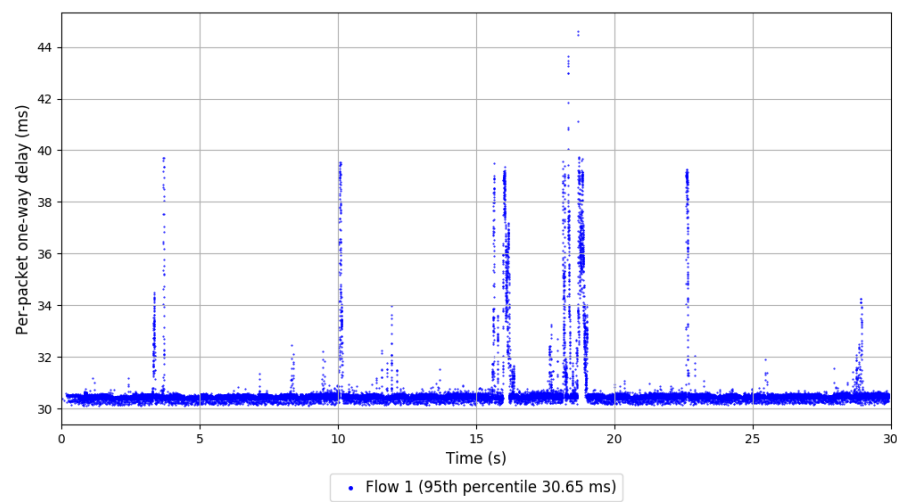
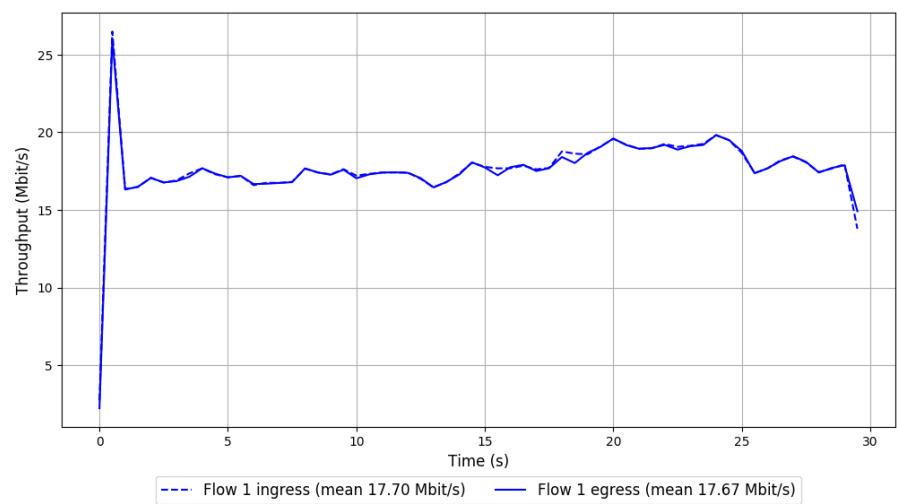


Run 1: Statistics of PCC

Start at: 2018-03-27 05:09:50
End at: 2018-03-27 05:10:20
Local clock offset: 0.329 ms
Remote clock offset: -4.554 ms

Below is generated by plot.py at 2018-03-27 09:52:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 17.67 Mbit/s
95th percentile per-packet one-way delay: 30.649 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 17.67 Mbit/s
95th percentile per-packet one-way delay: 30.649 ms
Loss rate: 0.18%

Run 1: Report of PCC — Data Link

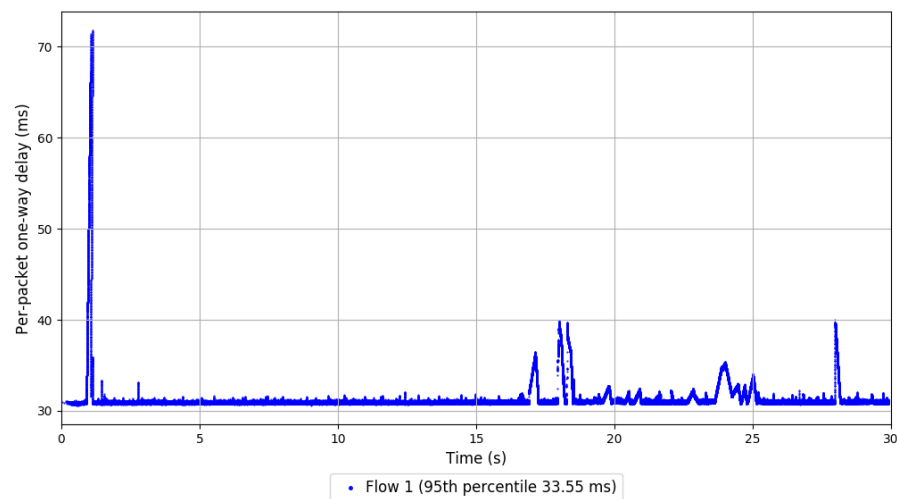
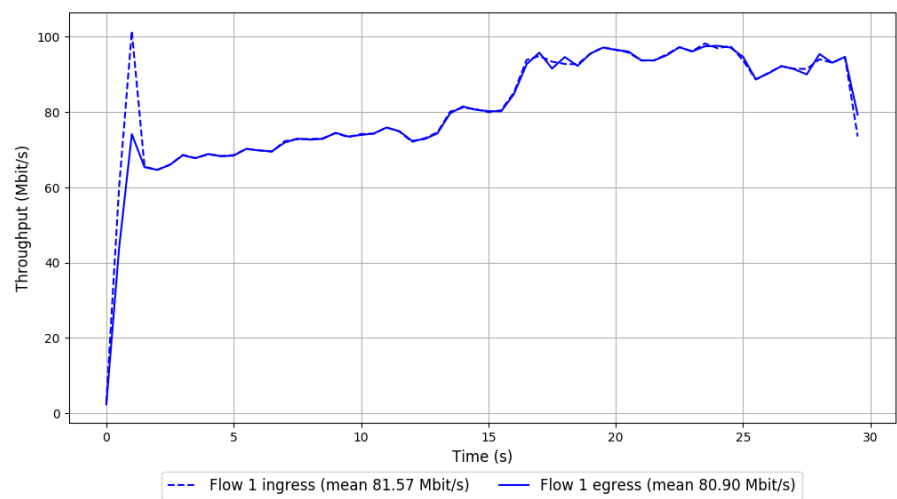


Run 2: Statistics of PCC

Start at: 2018-03-27 05:36:57
End at: 2018-03-27 05:37:27
Local clock offset: 0.191 ms
Remote clock offset: -4.314 ms

Below is generated by plot.py at 2018-03-27 09:53:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.90 Mbit/s
95th percentile per-packet one-way delay: 33.551 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 80.90 Mbit/s
95th percentile per-packet one-way delay: 33.551 ms
Loss rate: 0.82%

Run 2: Report of PCC — Data Link

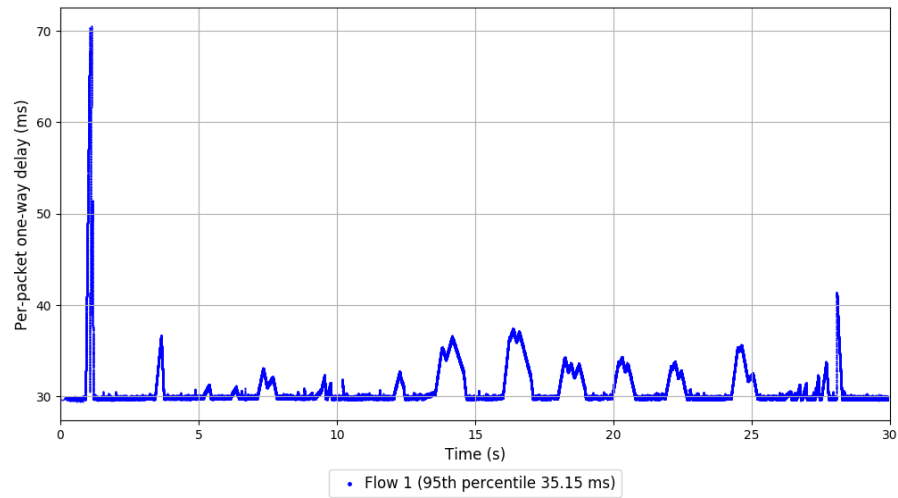
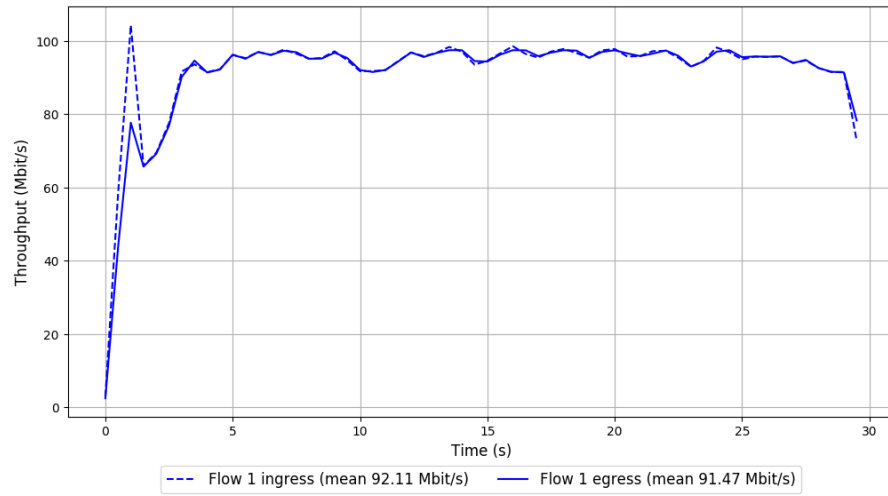


Run 3: Statistics of PCC

Start at: 2018-03-27 06:03:58
End at: 2018-03-27 06:04:28
Local clock offset: 1.938 ms
Remote clock offset: -3.021 ms

Below is generated by plot.py at 2018-03-27 09:53:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.47 Mbit/s
95th percentile per-packet one-way delay: 35.153 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 91.47 Mbit/s
95th percentile per-packet one-way delay: 35.153 ms
Loss rate: 0.69%

Run 3: Report of PCC — Data Link



Run 4: Statistics of PCC

Start at: 2018-03-27 06:31:05

End at: 2018-03-27 06:31:35

Local clock offset: 2.176 ms

Remote clock offset: 0.98 ms

Below is generated by plot.py at 2018-03-27 09:53:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.47 Mbit/s

95th percentile per-packet one-way delay: 39.189 ms

Loss rate: 0.88%

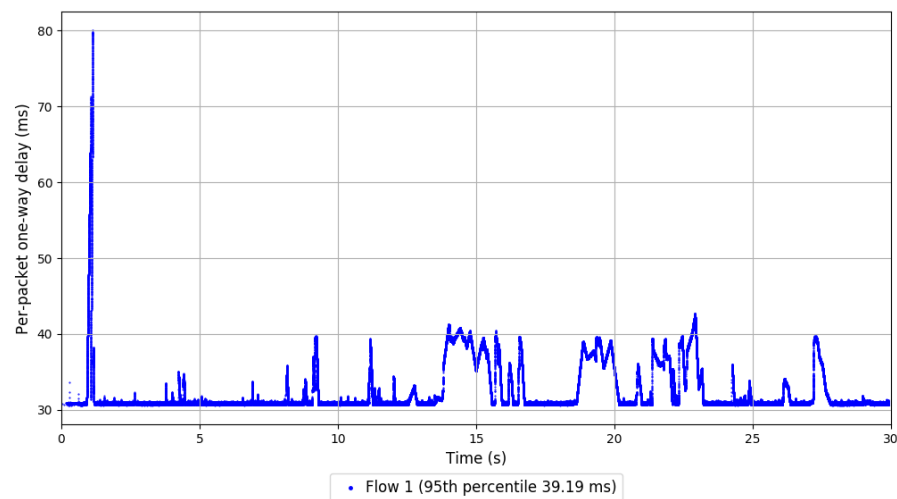
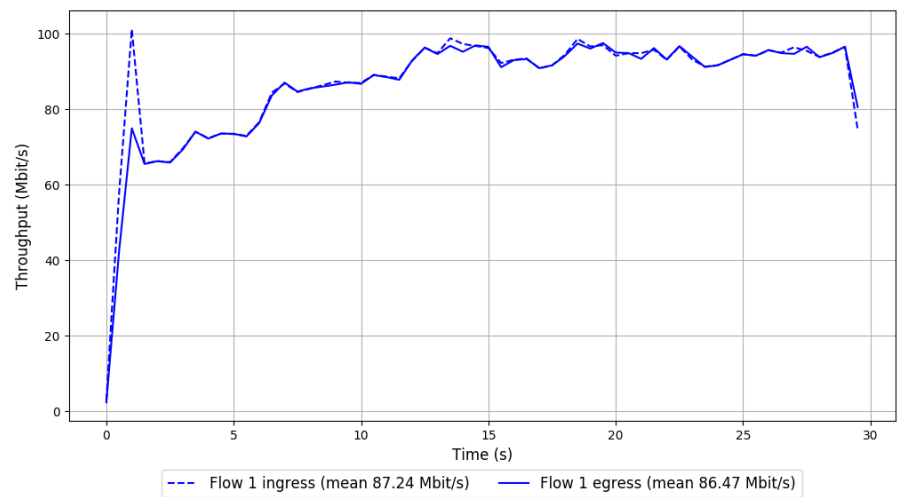
-- Flow 1:

Average throughput: 86.47 Mbit/s

95th percentile per-packet one-way delay: 39.189 ms

Loss rate: 0.88%

Run 4: Report of PCC — Data Link



Run 5: Statistics of PCC

Start at: 2018-03-27 06:58:25

End at: 2018-03-27 06:58:55

Local clock offset: -0.997 ms

Remote clock offset: 1.453 ms

Below is generated by plot.py at 2018-03-27 09:53:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.89 Mbit/s

95th percentile per-packet one-way delay: 38.482 ms

Loss rate: 0.87%

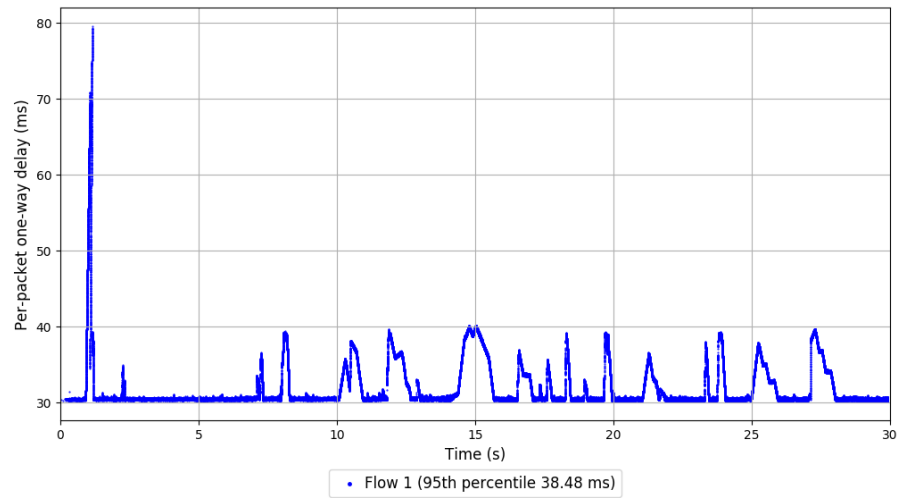
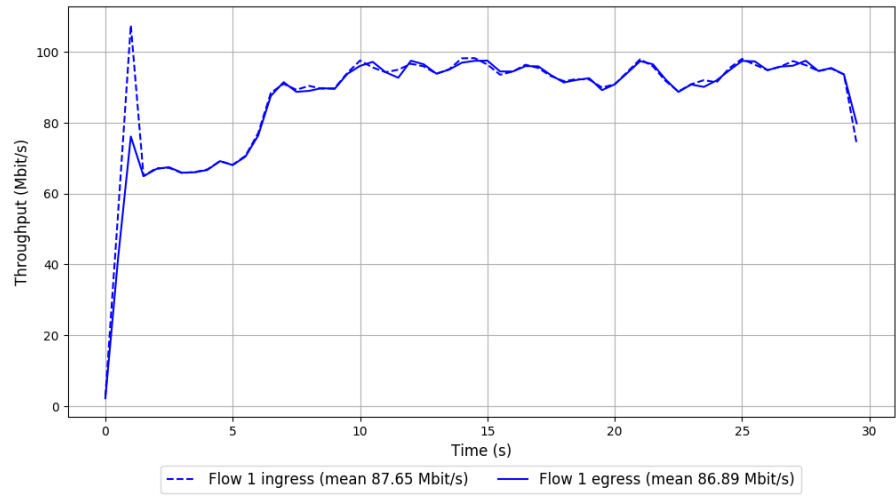
-- Flow 1:

Average throughput: 86.89 Mbit/s

95th percentile per-packet one-way delay: 38.482 ms

Loss rate: 0.87%

Run 5: Report of PCC — Data Link



Run 6: Statistics of PCC

Start at: 2018-03-27 07:24:11

End at: 2018-03-27 07:24:41

Local clock offset: 1.712 ms

Remote clock offset: 0.513 ms

Below is generated by plot.py at 2018-03-27 09:53:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.01 Mbit/s

95th percentile per-packet one-way delay: 36.337 ms

Loss rate: 0.73%

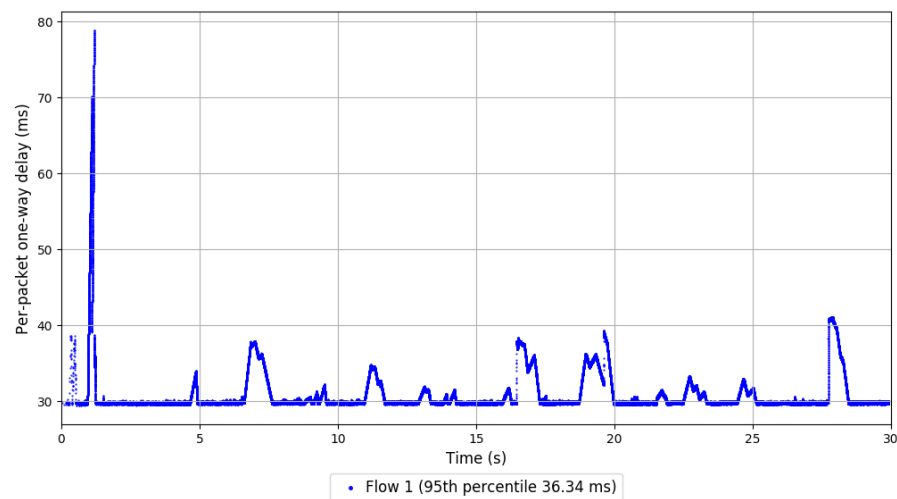
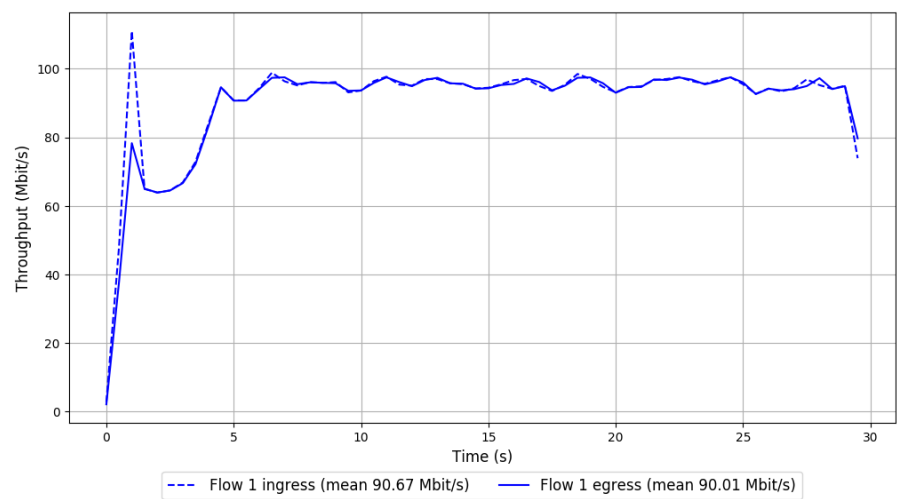
-- Flow 1:

Average throughput: 90.01 Mbit/s

95th percentile per-packet one-way delay: 36.337 ms

Loss rate: 0.73%

Run 6: Report of PCC — Data Link

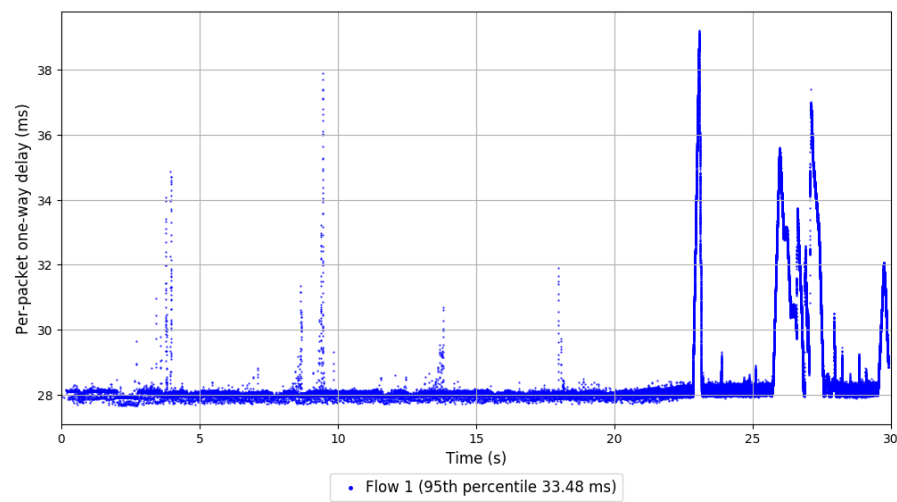
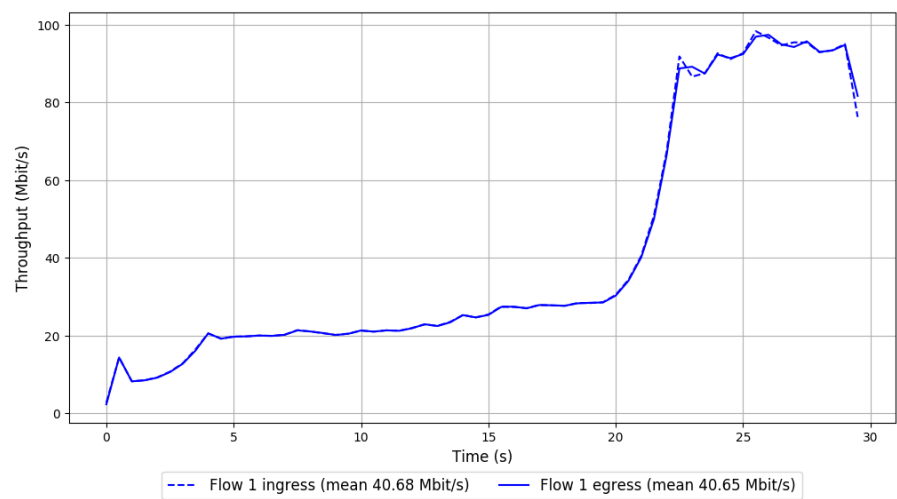


Run 7: Statistics of PCC

Start at: 2018-03-27 07:50:10
End at: 2018-03-27 07:50:40
Local clock offset: 0.222 ms
Remote clock offset: -4.811 ms

Below is generated by plot.py at 2018-03-27 09:53:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 40.65 Mbit/s
95th percentile per-packet one-way delay: 33.483 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 40.65 Mbit/s
95th percentile per-packet one-way delay: 33.483 ms
Loss rate: 0.05%

Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

Start at: 2018-03-27 08:15:27

End at: 2018-03-27 08:15:57

Local clock offset: -0.335 ms

Remote clock offset: -5.23 ms

Below is generated by plot.py at 2018-03-27 09:53:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.47 Mbit/s

95th percentile per-packet one-way delay: 33.001 ms

Loss rate: 0.09%

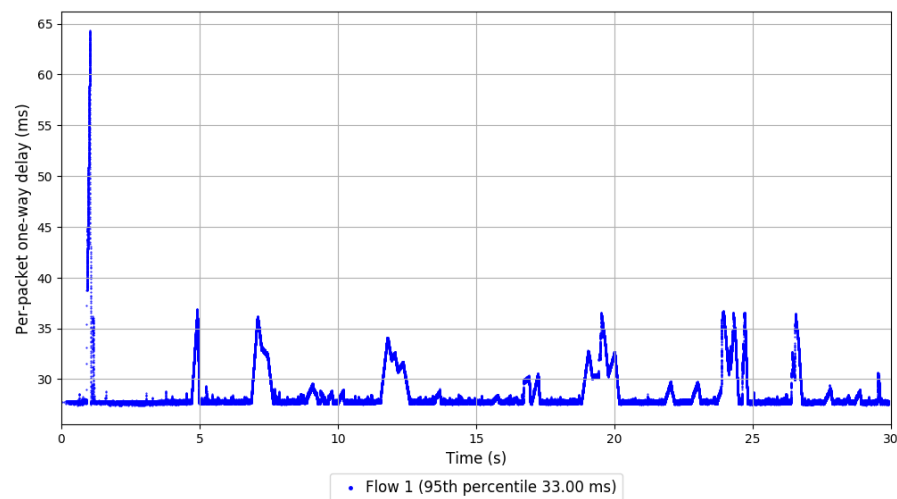
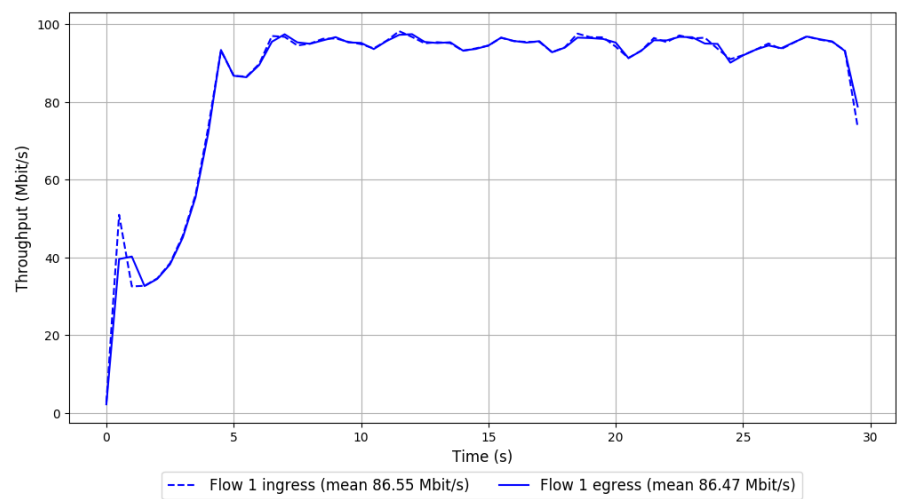
-- Flow 1:

Average throughput: 86.47 Mbit/s

95th percentile per-packet one-way delay: 33.001 ms

Loss rate: 0.09%

Run 8: Report of PCC — Data Link

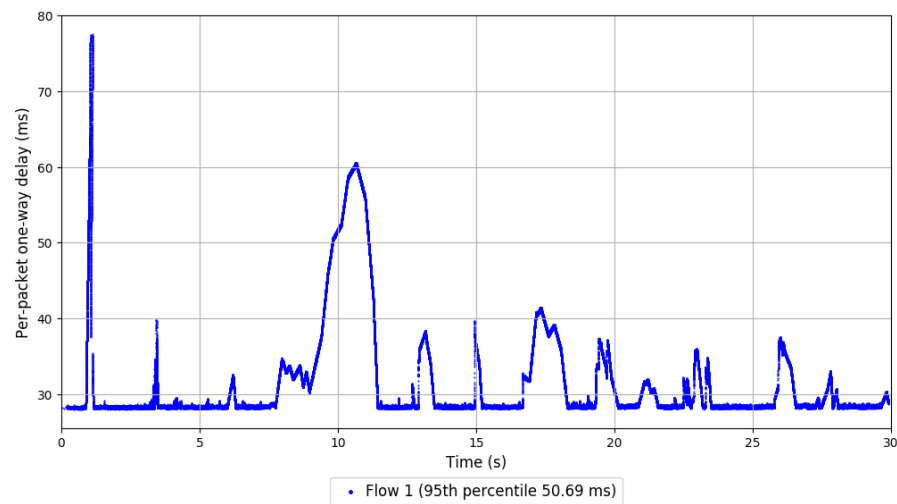
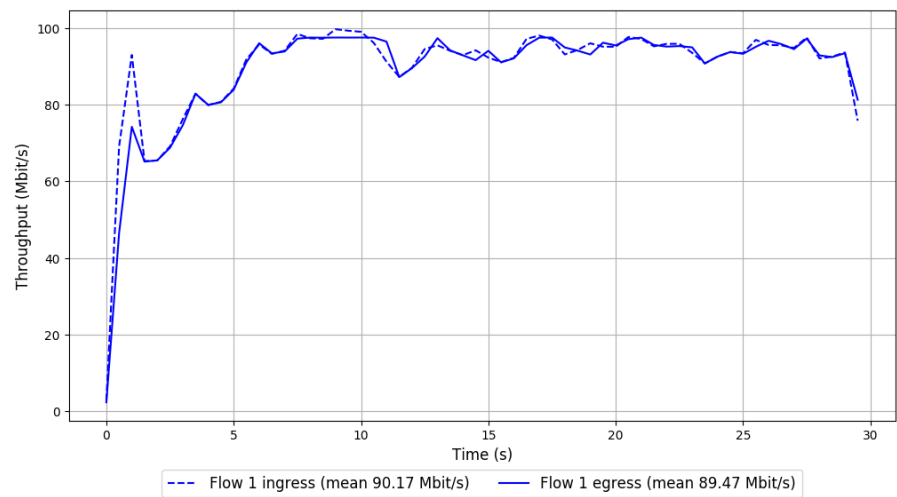


Run 9: Statistics of PCC

Start at: 2018-03-27 08:40:26
End at: 2018-03-27 08:40:56
Local clock offset: -0.224 ms
Remote clock offset: -3.498 ms

Below is generated by plot.py at 2018-03-27 09:54:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.47 Mbit/s
95th percentile per-packet one-way delay: 50.691 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 89.47 Mbit/s
95th percentile per-packet one-way delay: 50.691 ms
Loss rate: 0.78%

Run 9: Report of PCC — Data Link



Run 10: Statistics of PCC

Start at: 2018-03-27 09:05:43

End at: 2018-03-27 09:06:14

Local clock offset: 2.391 ms

Remote clock offset: -3.015 ms

Below is generated by plot.py at 2018-03-27 09:54:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.78 Mbit/s

95th percentile per-packet one-way delay: 35.201 ms

Loss rate: 0.74%

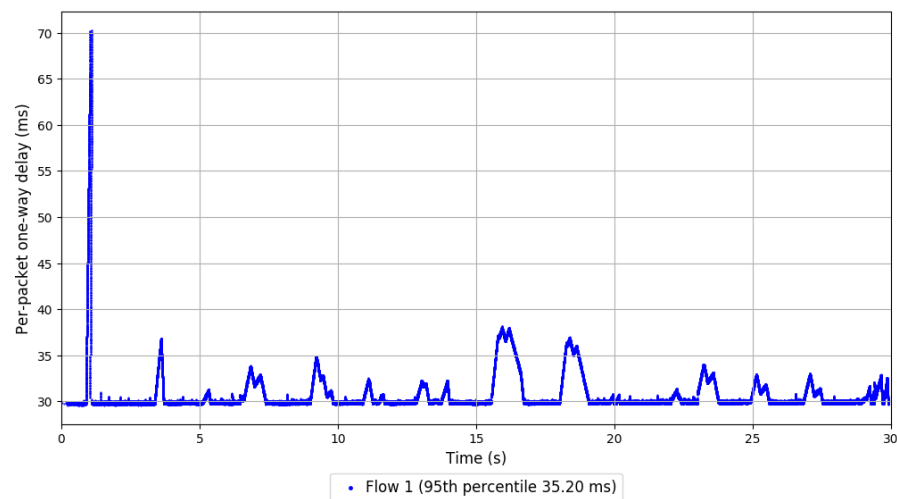
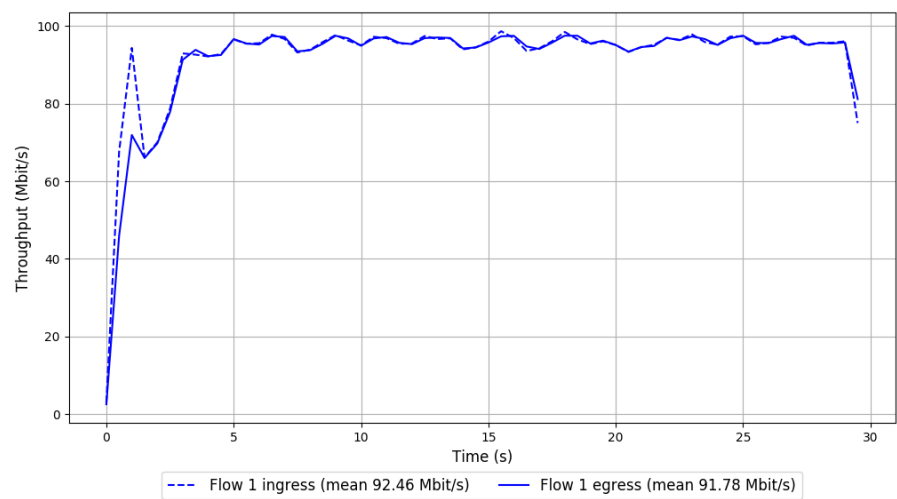
-- Flow 1:

Average throughput: 91.78 Mbit/s

95th percentile per-packet one-way delay: 35.201 ms

Loss rate: 0.74%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

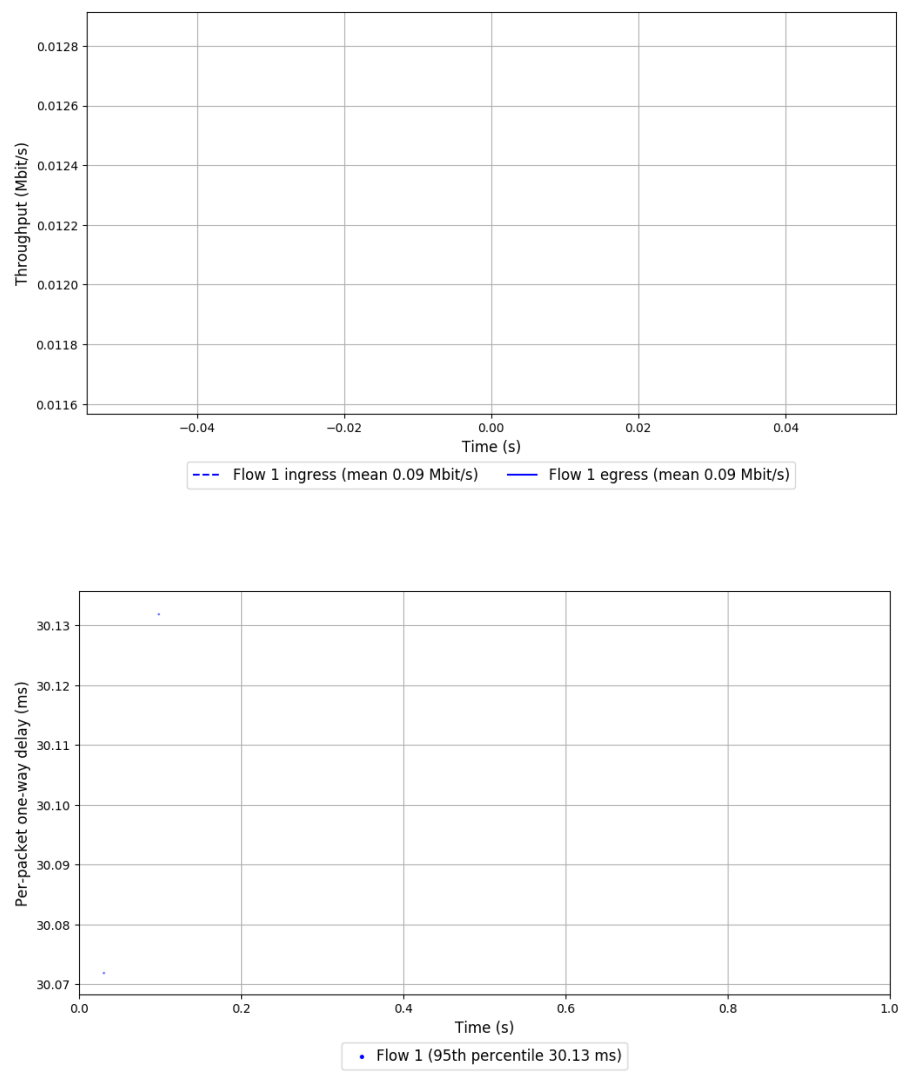
Start at: 2018-03-27 05:31:09

End at: 2018-03-27 05:31:40

Local clock offset: 0.14 ms

Remote clock offset: -4.316 ms

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2018-03-27 05:57:56

End at: 2018-03-27 05:58:26

Local clock offset: 1.125 ms

Remote clock offset: -6.489 ms

Below is generated by plot.py at 2018-03-27 09:54:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.87 Mbit/s

95th percentile per-packet one-way delay: 64.203 ms

Loss rate: 0.80%

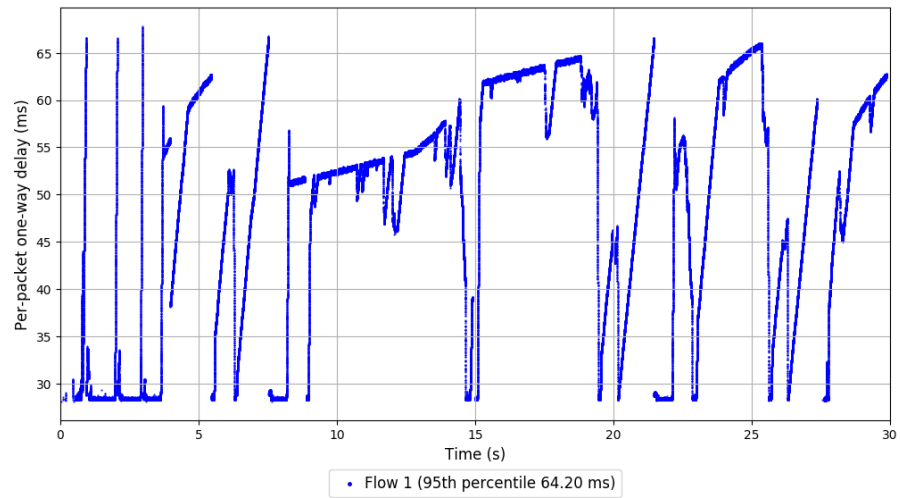
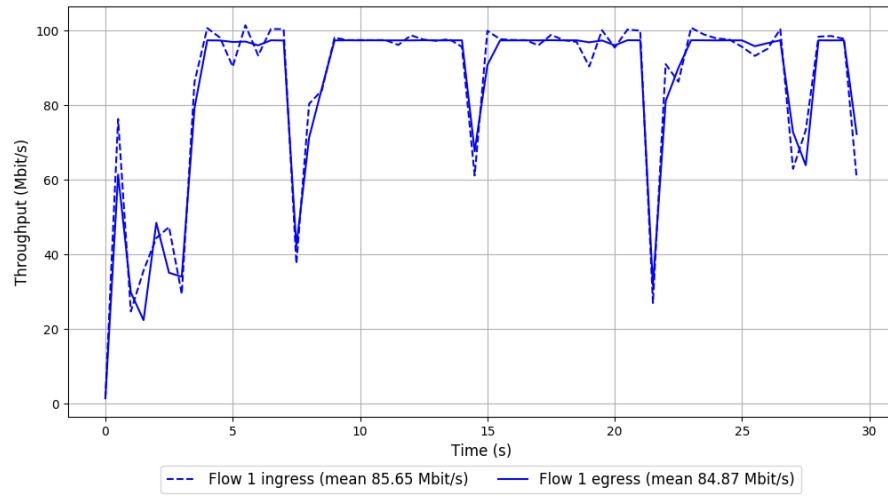
-- Flow 1:

Average throughput: 84.87 Mbit/s

95th percentile per-packet one-way delay: 64.203 ms

Loss rate: 0.80%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2018-03-27 06:25:03

End at: 2018-03-27 06:25:33

Local clock offset: 3.271 ms

Remote clock offset: -2.067 ms

Below is generated by plot.py at 2018-03-27 09:54:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 62.50 Mbit/s

95th percentile per-packet one-way delay: 41.724 ms

Loss rate: 0.86%

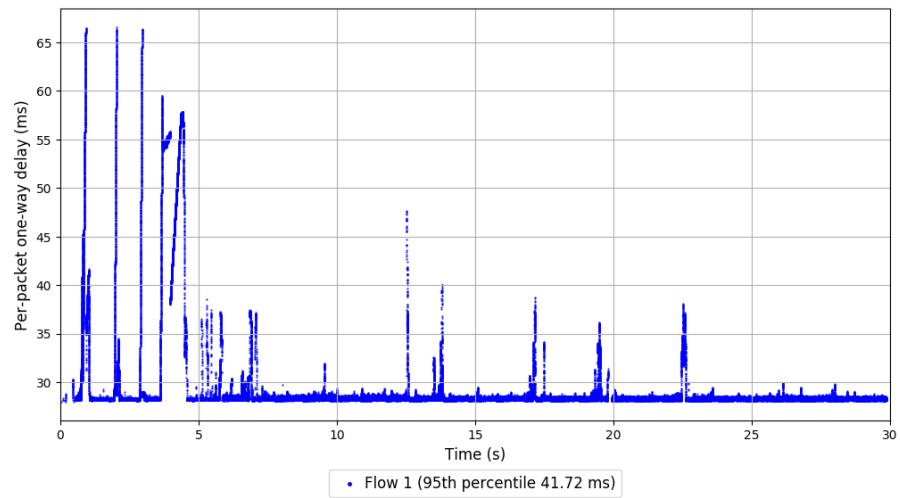
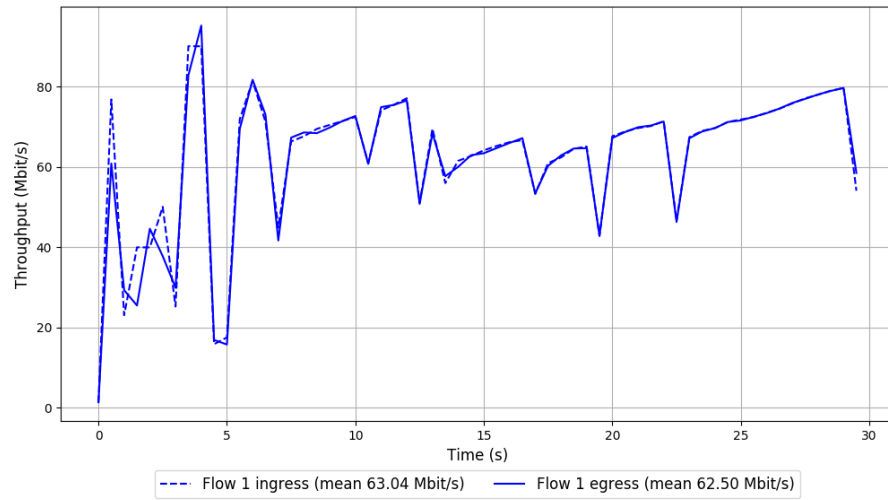
-- Flow 1:

Average throughput: 62.50 Mbit/s

95th percentile per-packet one-way delay: 41.724 ms

Loss rate: 0.86%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2018-03-27 06:52:24

End at: 2018-03-27 06:52:54

Local clock offset: -0.649 ms

Remote clock offset: -1.047 ms

Below is generated by plot.py at 2018-03-27 09:54:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 69.72 Mbit/s

95th percentile per-packet one-way delay: 29.820 ms

Loss rate: 0.09%

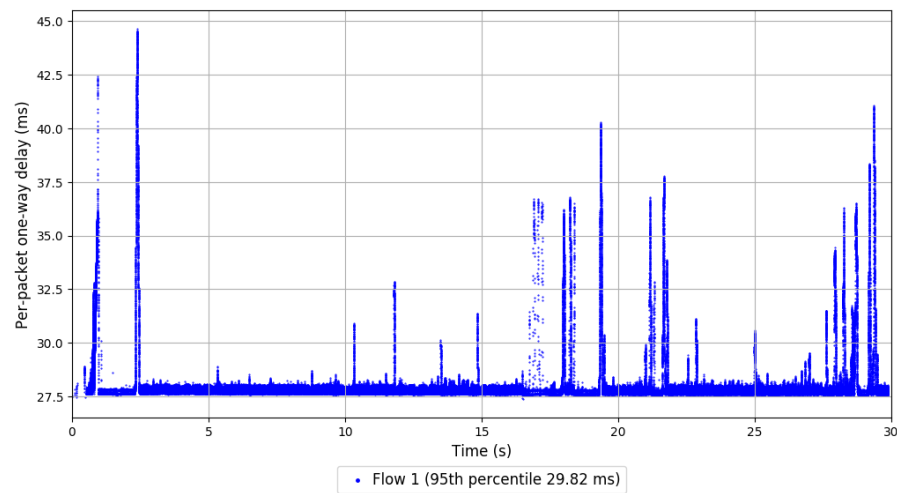
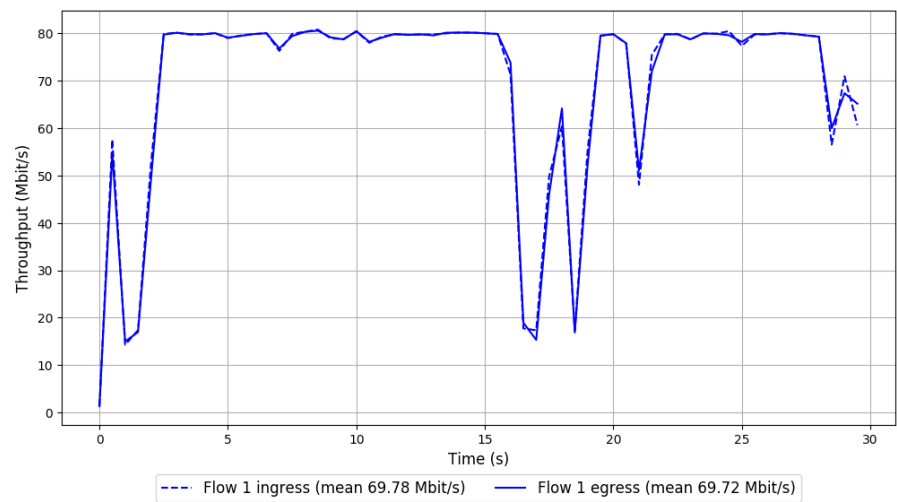
-- Flow 1:

Average throughput: 69.72 Mbit/s

95th percentile per-packet one-way delay: 29.820 ms

Loss rate: 0.09%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2018-03-27 07:18:17

End at: 2018-03-27 07:18:47

Local clock offset: 1.469 ms

Remote clock offset: -1.739 ms

Below is generated by plot.py at 2018-03-27 09:54:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 71.15 Mbit/s

95th percentile per-packet one-way delay: 28.083 ms

Loss rate: 0.00%

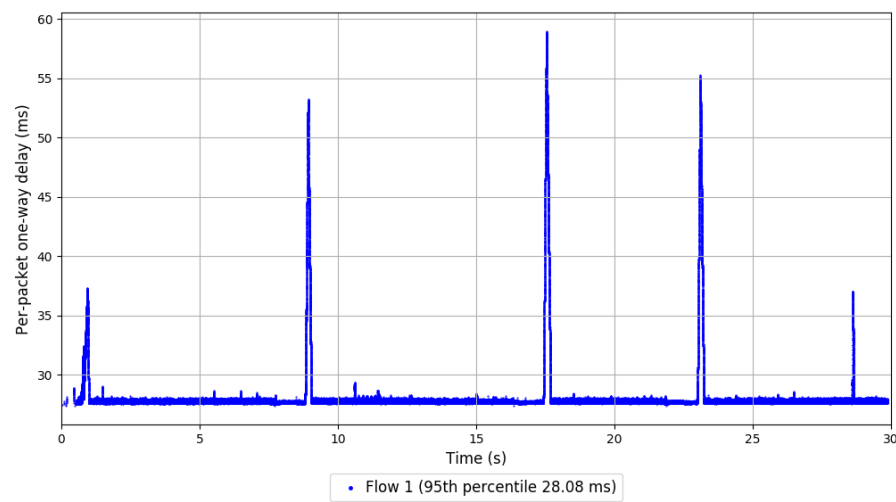
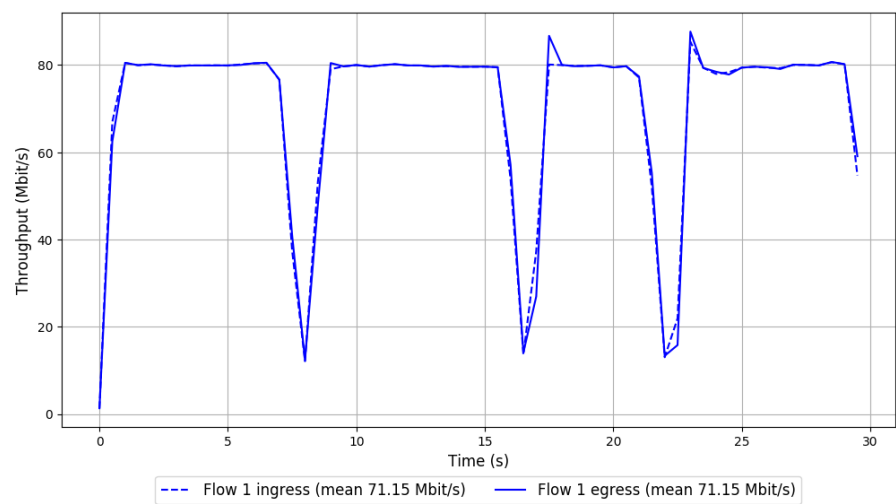
-- Flow 1:

Average throughput: 71.15 Mbit/s

95th percentile per-packet one-way delay: 28.083 ms

Loss rate: 0.00%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2018-03-27 07:44:21

End at: 2018-03-27 07:44:51

Local clock offset: 0.663 ms

Remote clock offset: -3.472 ms

Below is generated by plot.py at 2018-03-27 09:55:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.48 Mbit/s

95th percentile per-packet one-way delay: 63.150 ms

Loss rate: 0.72%

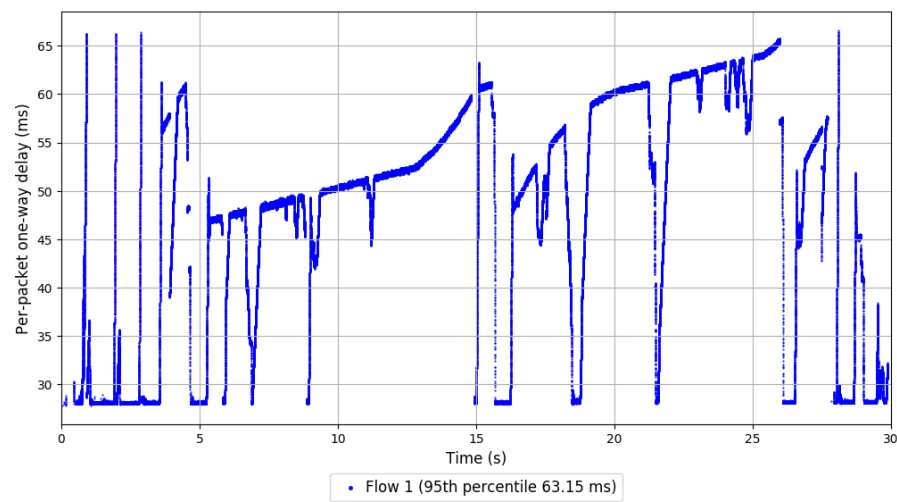
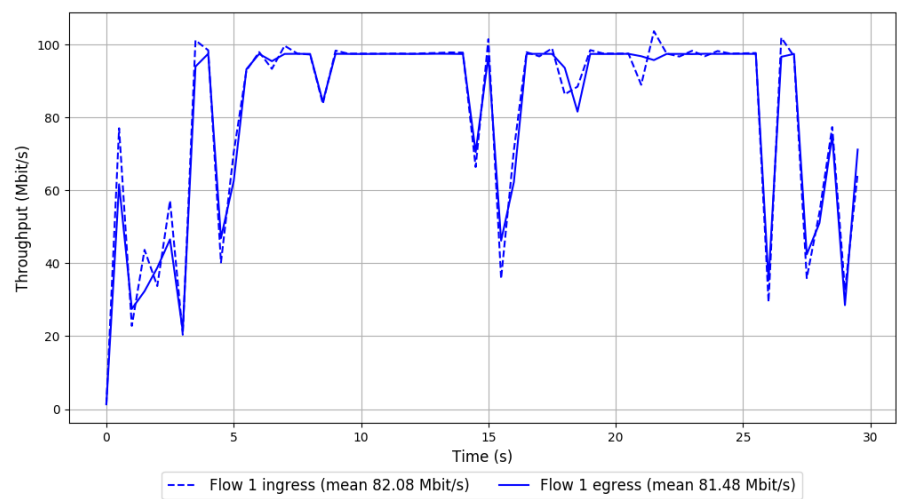
-- Flow 1:

Average throughput: 81.48 Mbit/s

95th percentile per-packet one-way delay: 63.150 ms

Loss rate: 0.72%

Run 6: Report of QUIC Cubic — Data Link

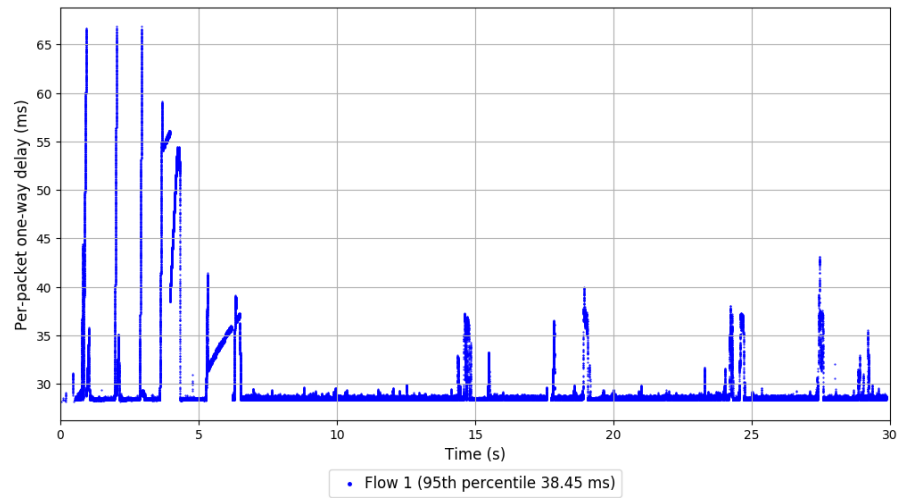
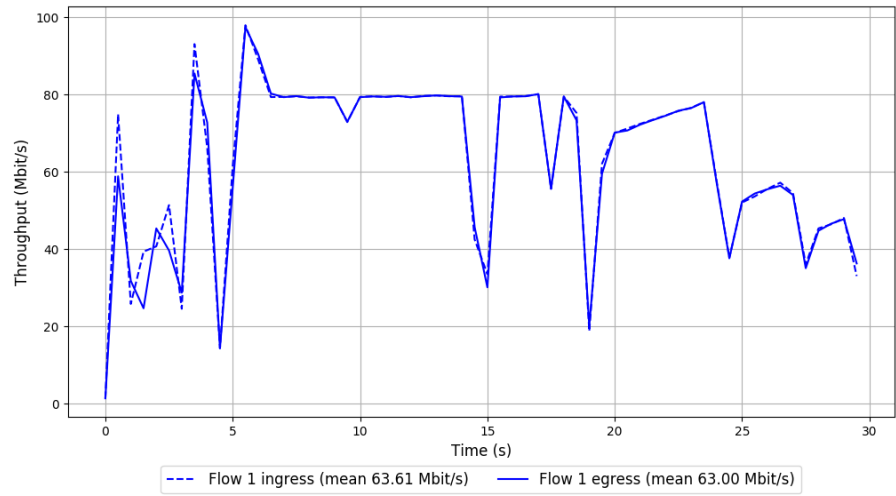


Run 7: Statistics of QUIC Cubic

Start at: 2018-03-27 08:09:41
End at: 2018-03-27 08:10:11
Local clock offset: -0.565 ms
Remote clock offset: -6.071 ms

Below is generated by plot.py at 2018-03-27 09:55:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 63.00 Mbit/s
95th percentile per-packet one-way delay: 38.446 ms
Loss rate: 0.96%
-- Flow 1:
Average throughput: 63.00 Mbit/s
95th percentile per-packet one-way delay: 38.446 ms
Loss rate: 0.96%

Run 7: Report of QUIC Cubic — Data Link

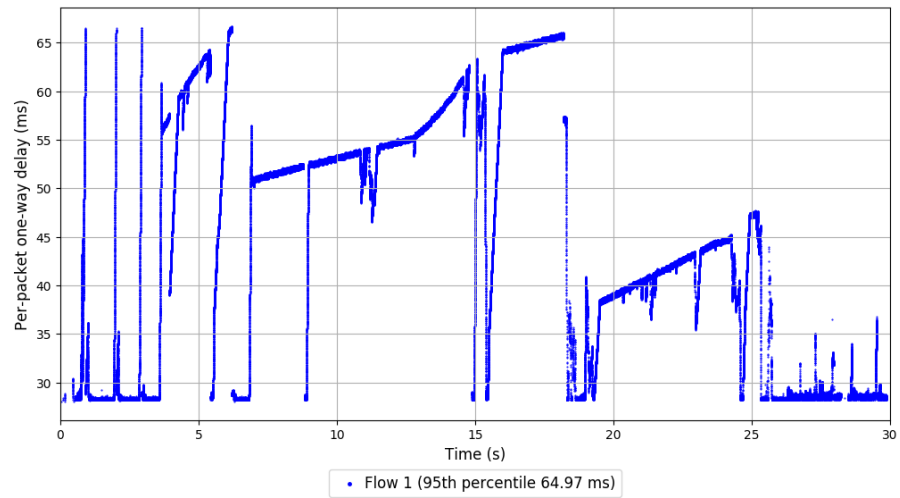
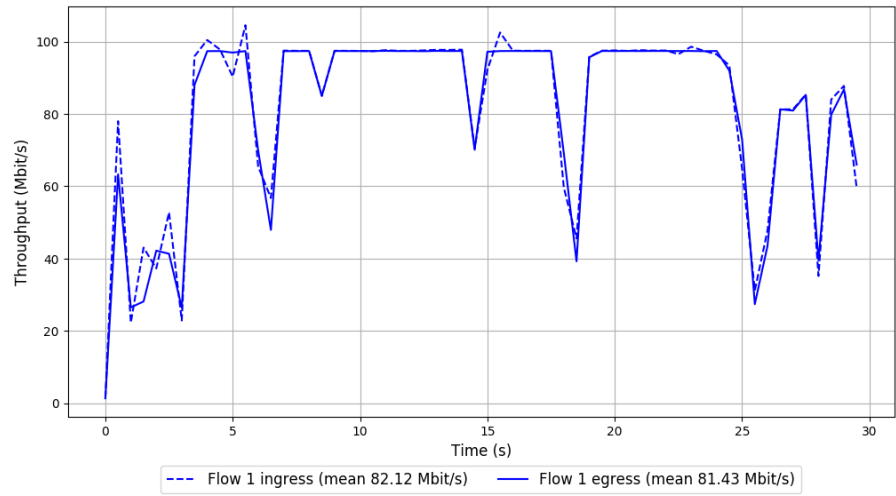


Run 8: Statistics of QUIC Cubic

Start at: 2018-03-27 08:34:41
End at: 2018-03-27 08:35:11
Local clock offset: -0.164 ms
Remote clock offset: -3.419 ms

Below is generated by plot.py at 2018-03-27 09:55:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 81.43 Mbit/s
95th percentile per-packet one-way delay: 64.971 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 81.43 Mbit/s
95th percentile per-packet one-way delay: 64.971 ms
Loss rate: 0.84%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2018-03-27 09:00:12

End at: 2018-03-27 09:00:42

Local clock offset: 2.078 ms

Remote clock offset: -2.659 ms

Below is generated by plot.py at 2018-03-27 09:55:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.61 Mbit/s

95th percentile per-packet one-way delay: 45.288 ms

Loss rate: 0.66%

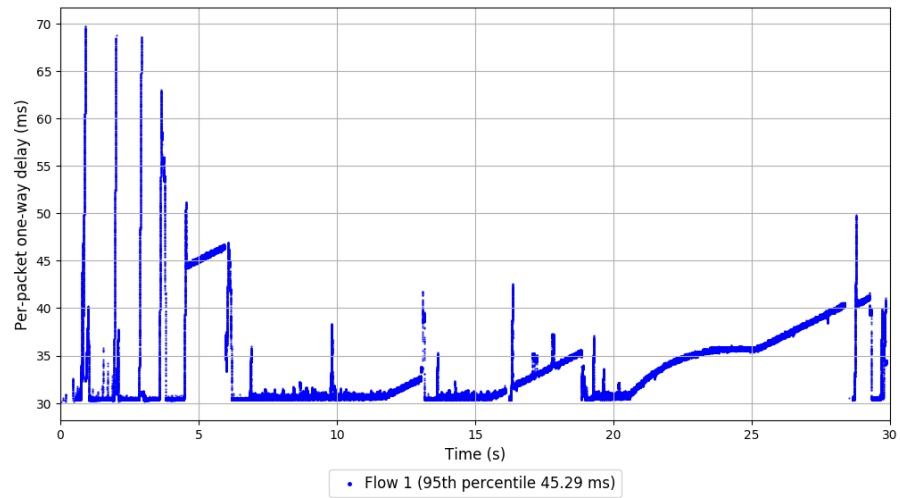
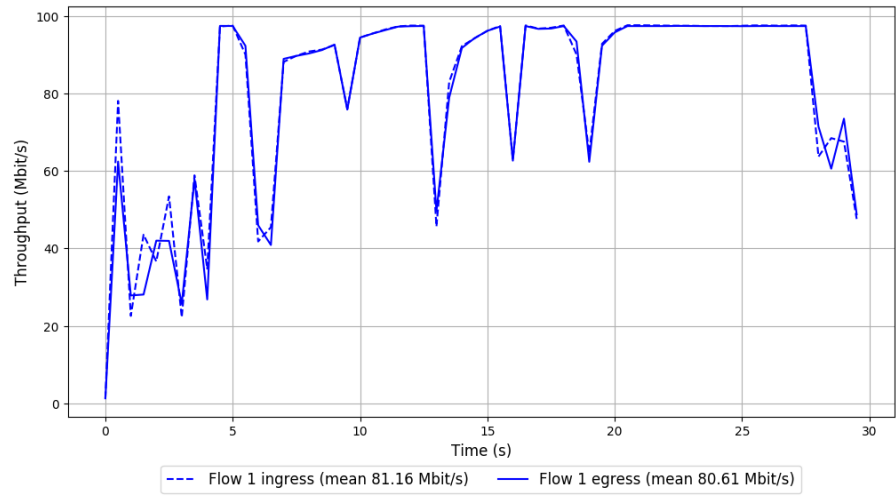
-- Flow 1:

Average throughput: 80.61 Mbit/s

95th percentile per-packet one-way delay: 45.288 ms

Loss rate: 0.66%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-03-27 09:24:44

End at: 2018-03-27 09:25:14

Local clock offset: 4.143 ms

Remote clock offset: -3.573 ms

Below is generated by plot.py at 2018-03-27 09:56:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.55 Mbit/s

95th percentile per-packet one-way delay: 52.299 ms

Loss rate: 0.79%

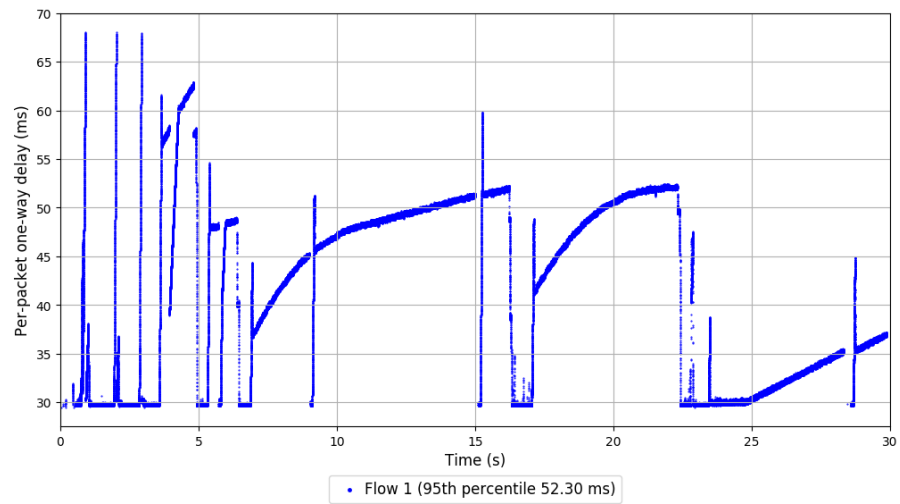
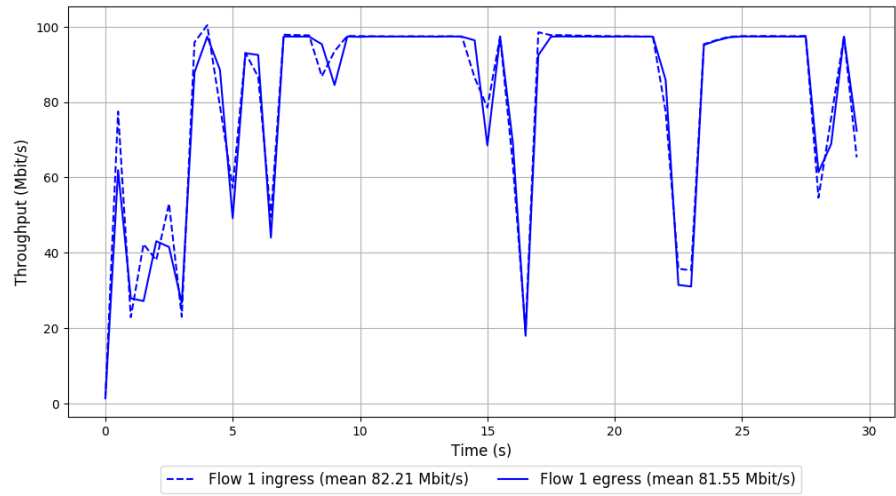
-- Flow 1:

Average throughput: 81.55 Mbit/s

95th percentile per-packet one-way delay: 52.299 ms

Loss rate: 0.79%

Run 10: Report of QUIC Cubic — Data Link

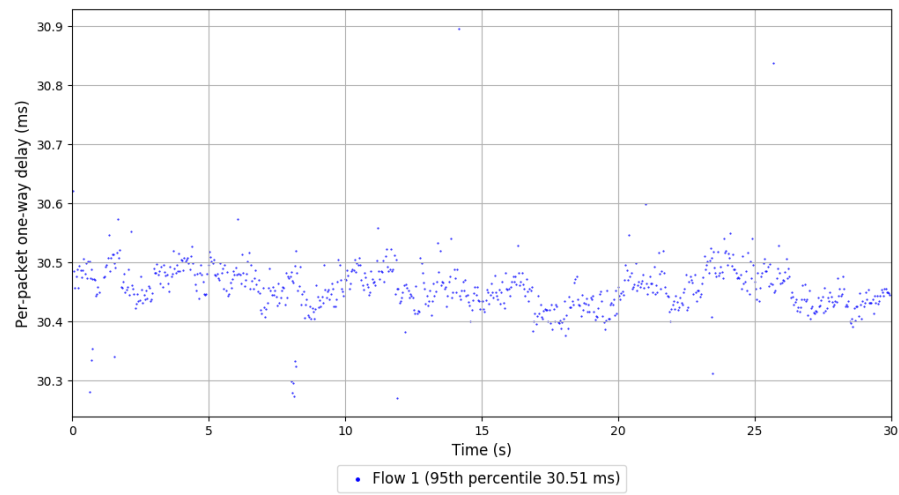
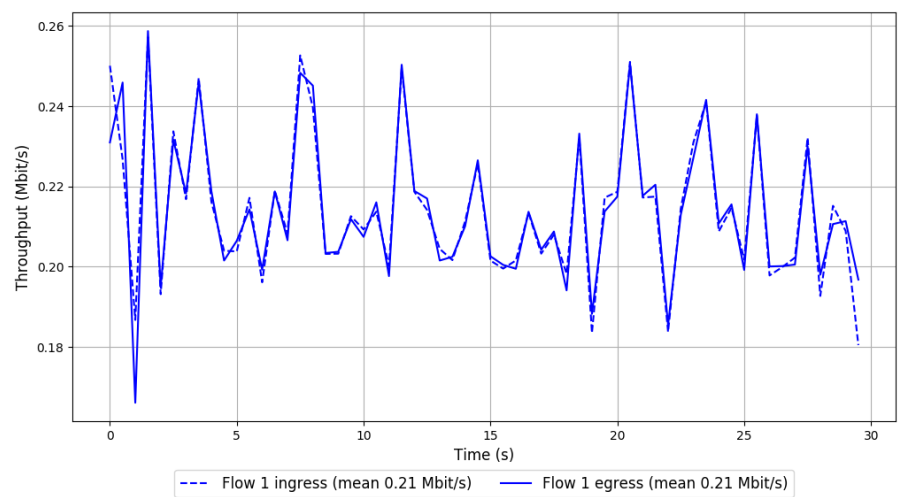


Run 1: Statistics of SCReAM

Start at: 2018-03-27 05:26:33
End at: 2018-03-27 05:27:03
Local clock offset: 0.262 ms
Remote clock offset: -4.888 ms

Below is generated by plot.py at 2018-03-27 09:56:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 30.514 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 30.514 ms
Loss rate: 0.00%

Run 1: Report of SReAM — Data Link

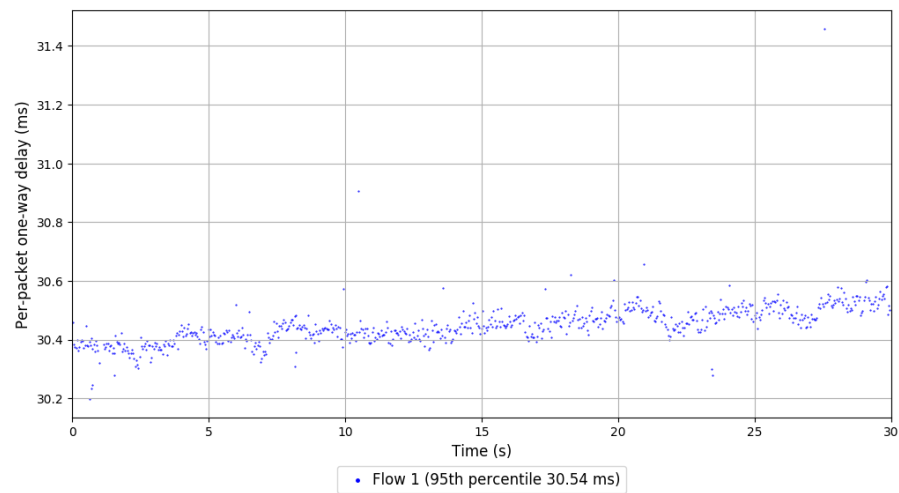
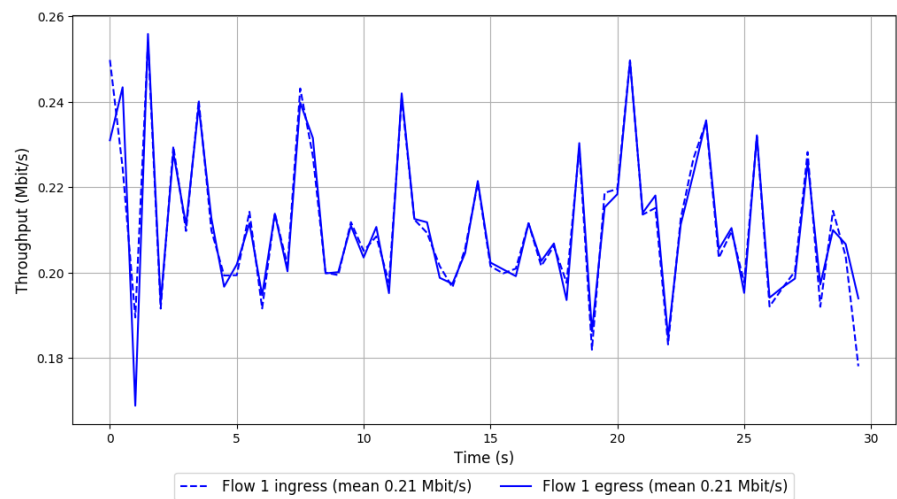


Run 2: Statistics of SCReAM

Start at: 2018-03-27 05:53:38
End at: 2018-03-27 05:54:09
Local clock offset: 0.129 ms
Remote clock offset: -4.628 ms

Below is generated by plot.py at 2018-03-27 09:56:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 30.538 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 30.538 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

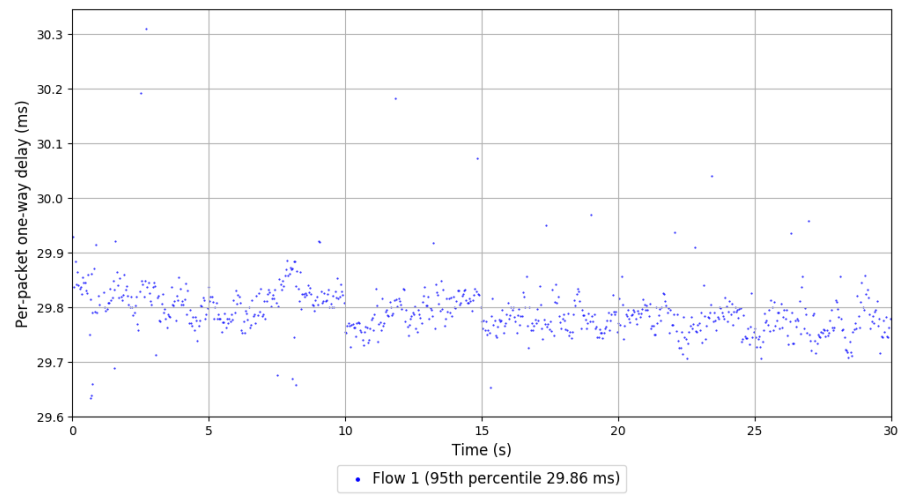
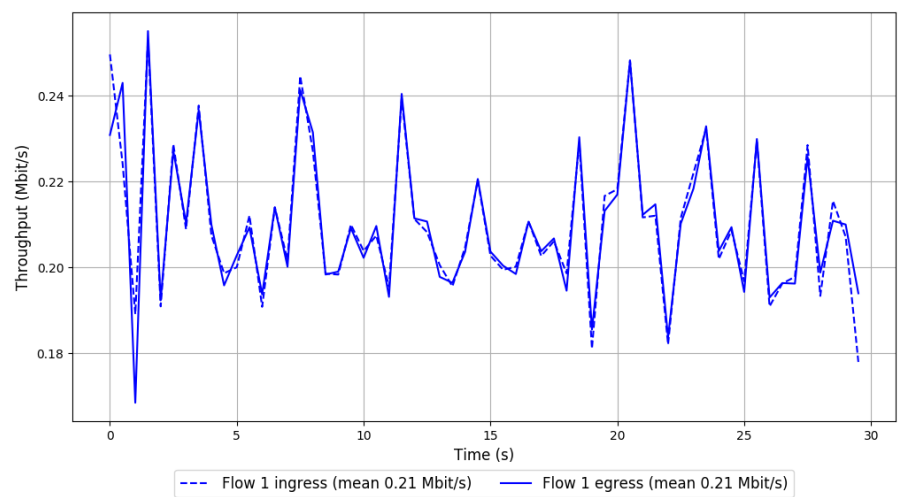


Run 3: Statistics of SCReAM

Start at: 2018-03-27 06:20:39
End at: 2018-03-27 06:21:09
Local clock offset: 3.006 ms
Remote clock offset: -0.522 ms

Below is generated by plot.py at 2018-03-27 09:56:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 29.856 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 29.856 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link



Run 4: Statistics of SReAM

Start at: 2018-03-27 06:48:03

End at: 2018-03-27 06:48:33

Local clock offset: -0.29 ms

Remote clock offset: 1.091 ms

Below is generated by plot.py at 2018-03-27 09:56:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 30.840 ms

Loss rate: 0.00%

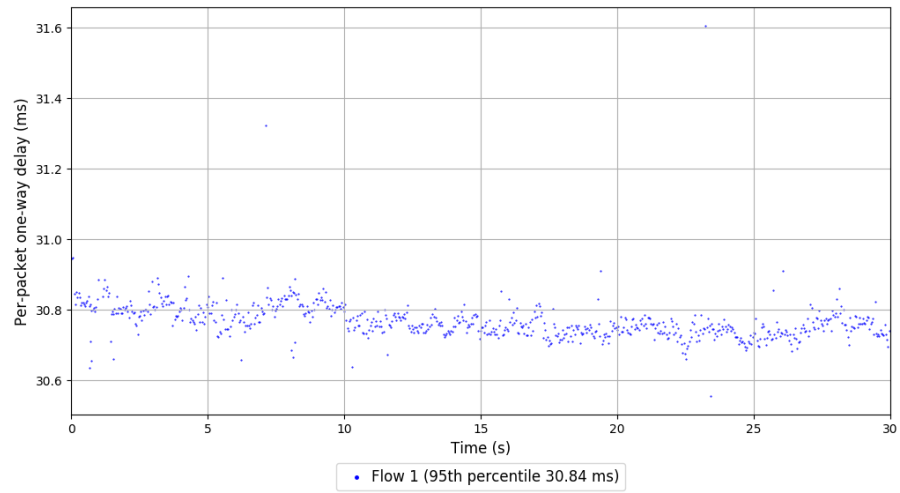
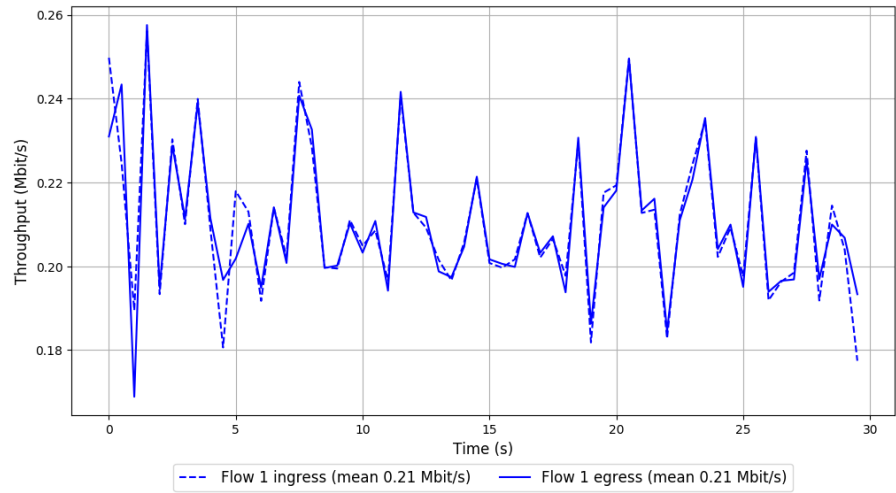
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 30.840 ms

Loss rate: 0.00%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

Start at: 2018-03-27 07:14:18

End at: 2018-03-27 07:14:48

Local clock offset: 1.095 ms

Remote clock offset: 0.422 ms

Below is generated by plot.py at 2018-03-27 09:56:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.11 Mbit/s

95th percentile per-packet one-way delay: 29.927 ms

Loss rate: 0.28%

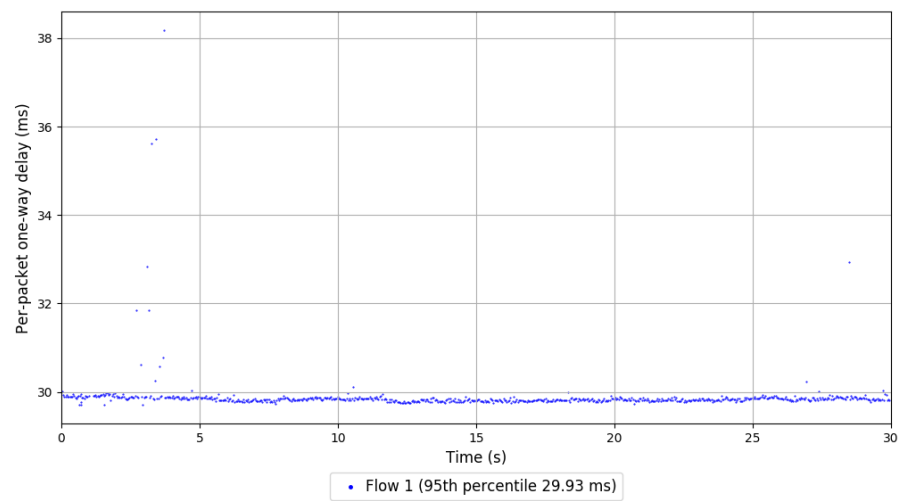
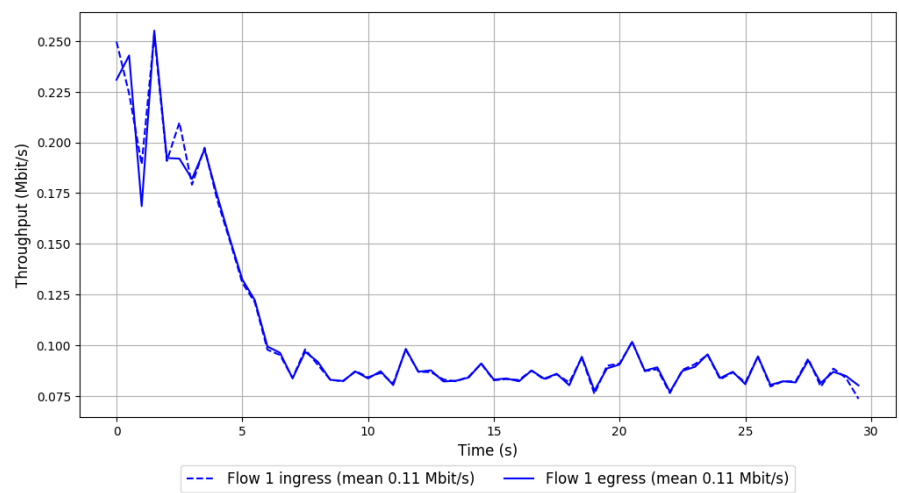
-- Flow 1:

Average throughput: 0.11 Mbit/s

95th percentile per-packet one-way delay: 29.927 ms

Loss rate: 0.28%

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SCReAM

Start at: 2018-03-27 07:40:11

End at: 2018-03-27 07:40:41

Local clock offset: 1.134 ms

Remote clock offset: 0.177 ms

Below is generated by plot.py at 2018-03-27 09:56:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 29.726 ms

Loss rate: 0.00%

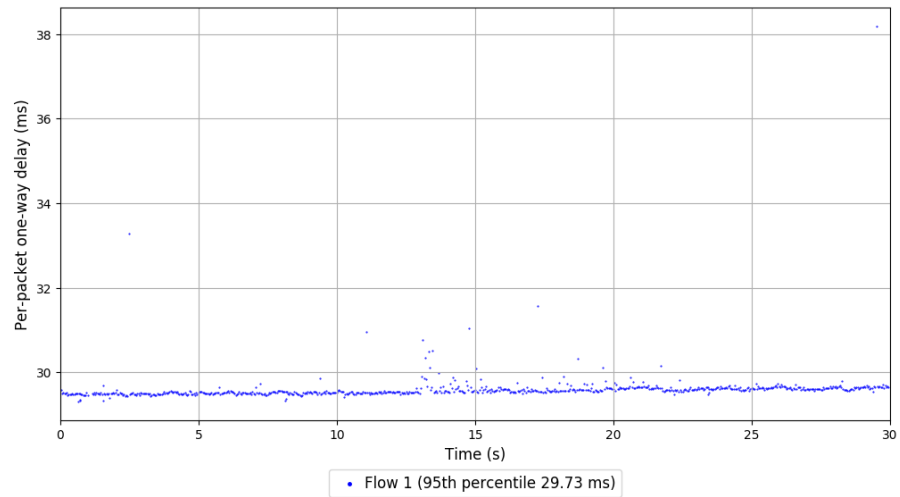
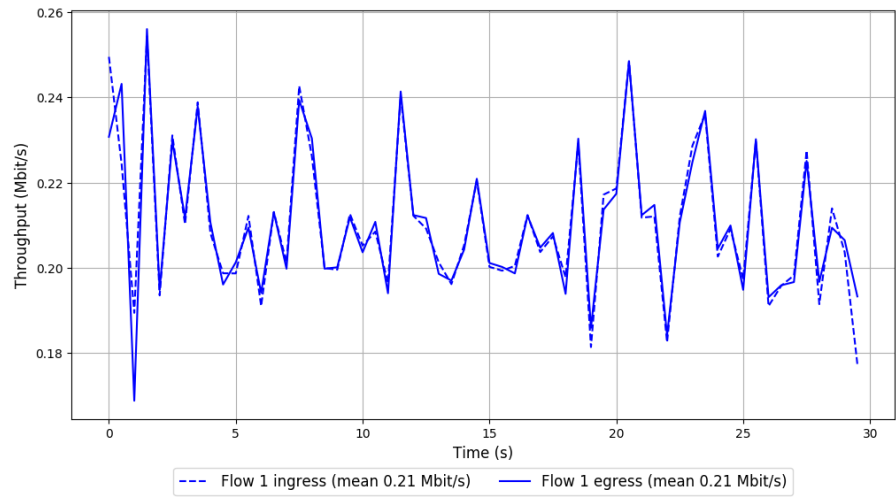
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 29.726 ms

Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

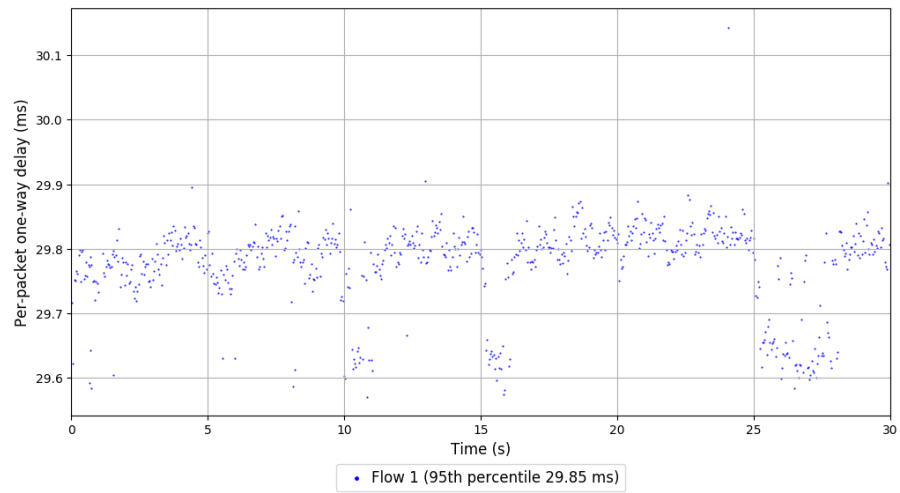
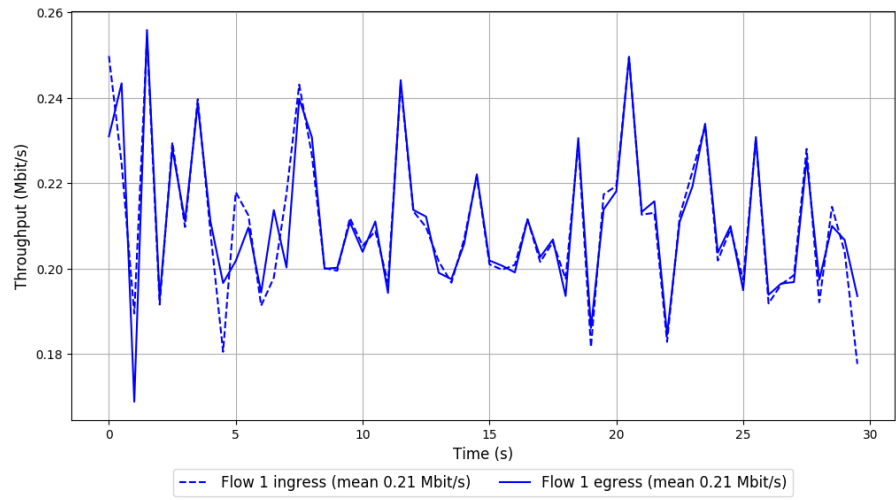


Run 7: Statistics of SCReAM

Start at: 2018-03-27 08:05:26
End at: 2018-03-27 08:05:56
Local clock offset: -0.367 ms
Remote clock offset: -3.762 ms

Below is generated by plot.py at 2018-03-27 09:56:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 29.846 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 29.846 ms
Loss rate: 0.00%

Run 7: Report of SReAM — Data Link

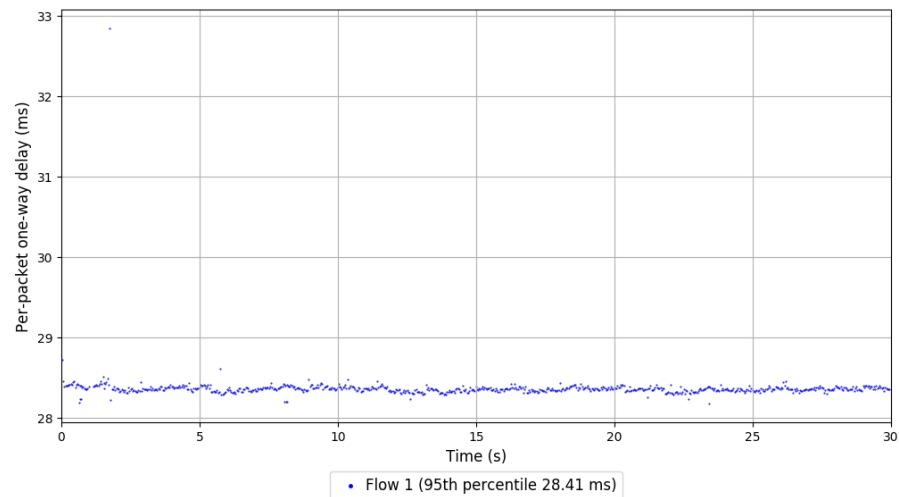
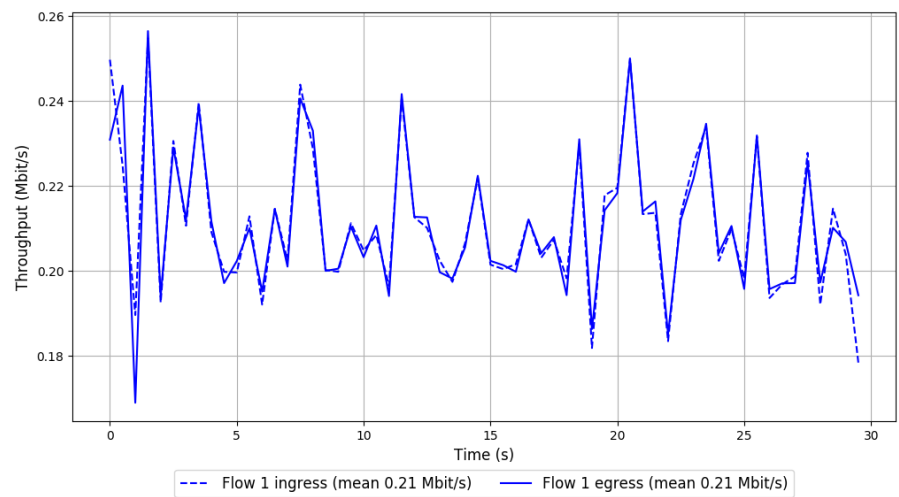


Run 8: Statistics of SCReAM

Start at: 2018-03-27 08:30:40
End at: 2018-03-27 08:31:10
Local clock offset: -0.15 ms
Remote clock offset: -3.519 ms

Below is generated by plot.py at 2018-03-27 09:56:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 28.412 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 28.412 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

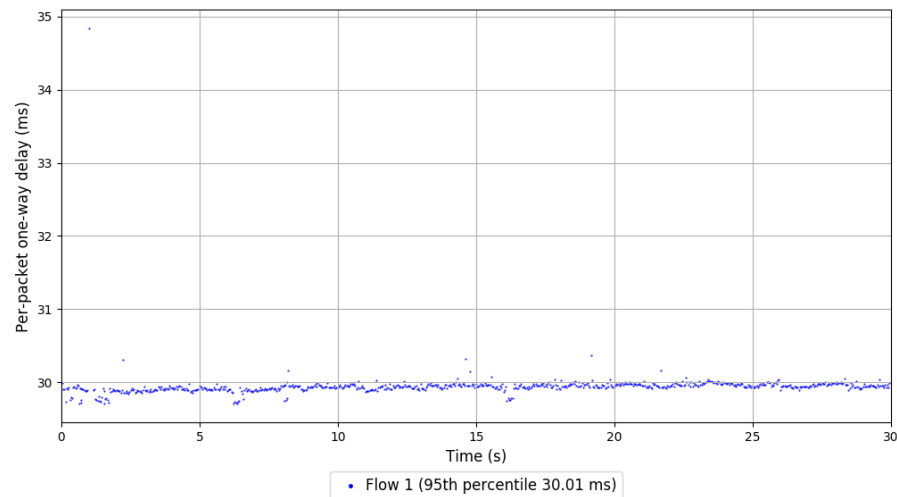
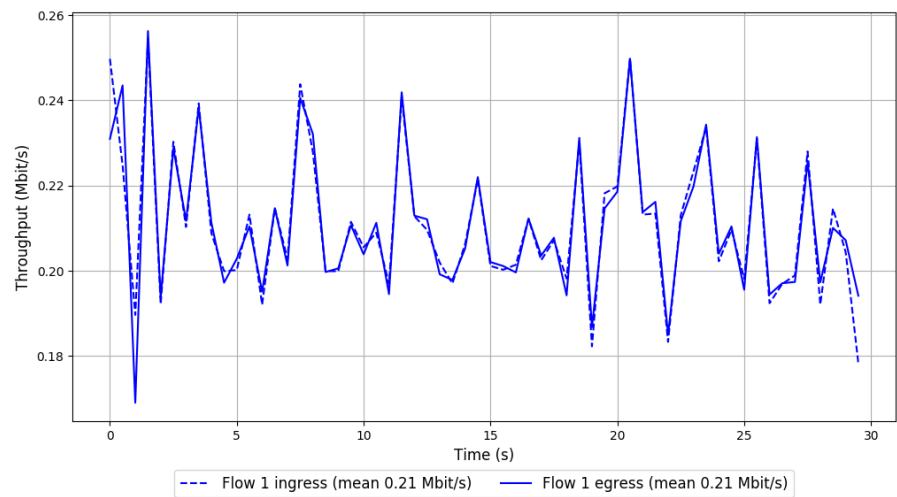


Run 9: Statistics of SCReAM

Start at: 2018-03-27 08:56:13
End at: 2018-03-27 08:56:43
Local clock offset: 1.695 ms
Remote clock offset: -2.278 ms

Below is generated by plot.py at 2018-03-27 09:56:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 30.008 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 30.008 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link

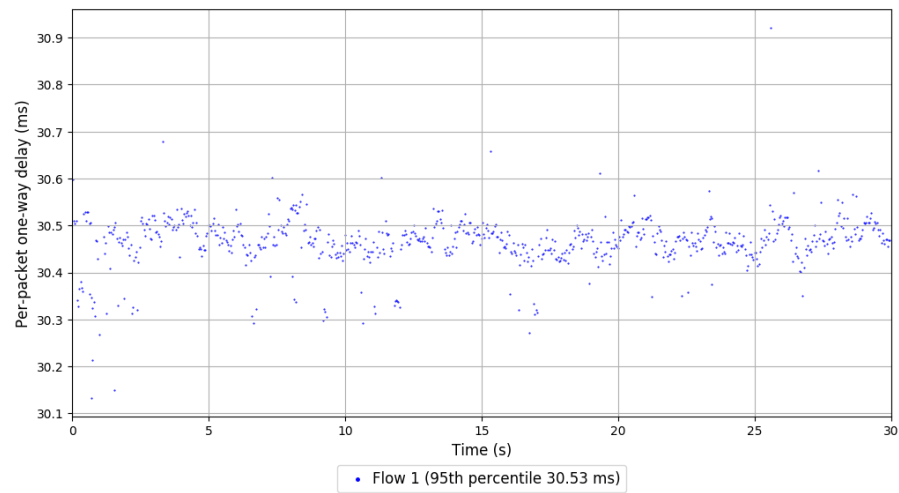
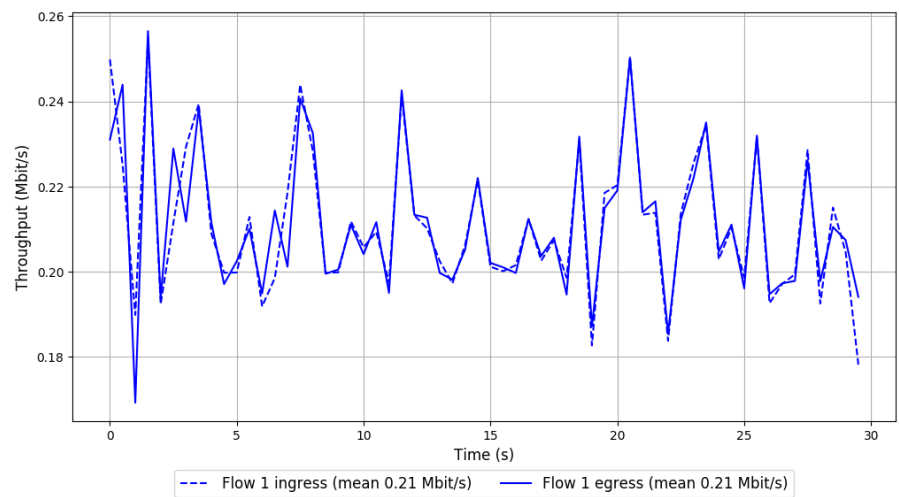


Run 10: Statistics of SReAM

Start at: 2018-03-27 09:20:45
End at: 2018-03-27 09:21:15
Local clock offset: 3.476 ms
Remote clock offset: -4.149 ms

Below is generated by plot.py at 2018-03-27 09:56:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 30.530 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 30.530 ms
Loss rate: 0.00%

Run 10: Report of SReAM — Data Link

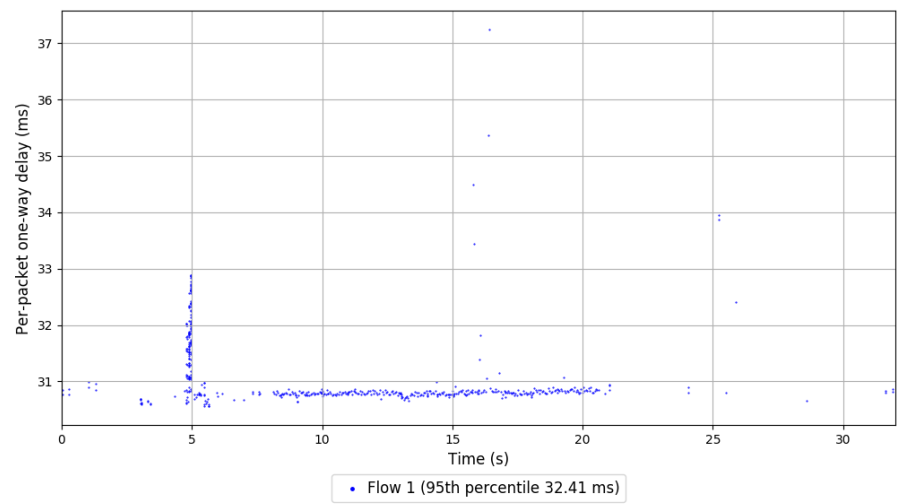
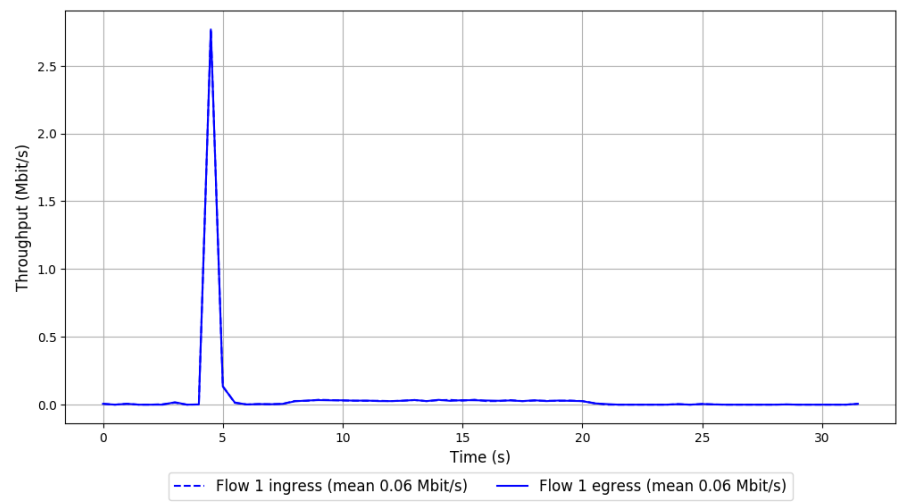


Run 1: Statistics of WebRTC media

Start at: 2018-03-27 05:18:41
End at: 2018-03-27 05:19:11
Local clock offset: 0.305 ms
Remote clock offset: -4.689 ms

Below is generated by plot.py at 2018-03-27 09:56:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 32.410 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 32.410 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

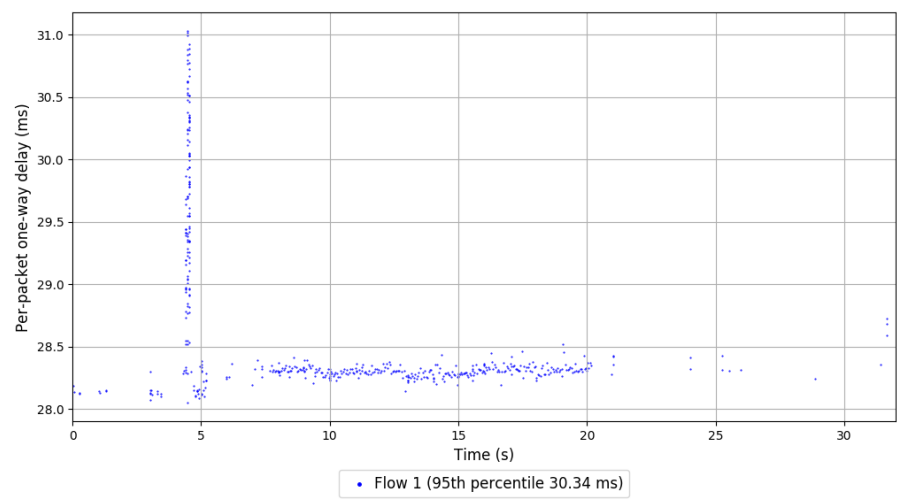
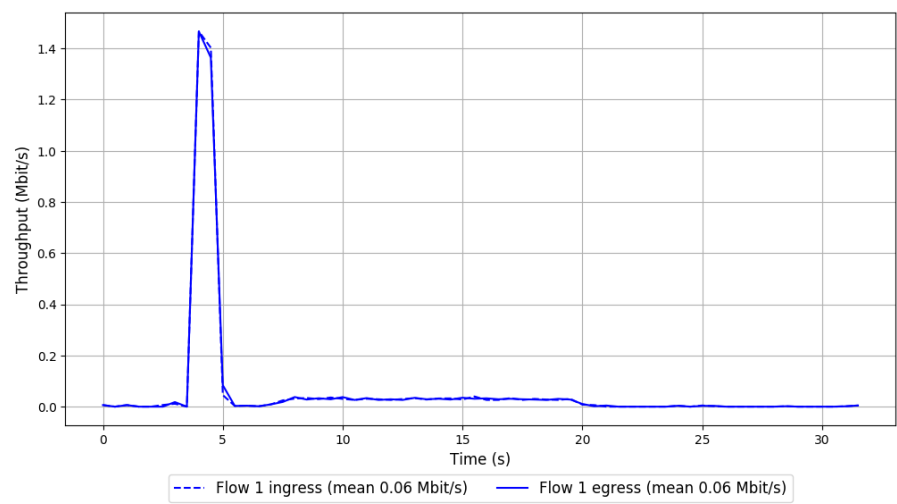


Run 2: Statistics of WebRTC media

Start at: 2018-03-27 05:46:23
End at: 2018-03-27 05:46:53
Local clock offset: 0.152 ms
Remote clock offset: -6.921 ms

Below is generated by plot.py at 2018-03-27 09:56:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 30.339 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 30.339 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

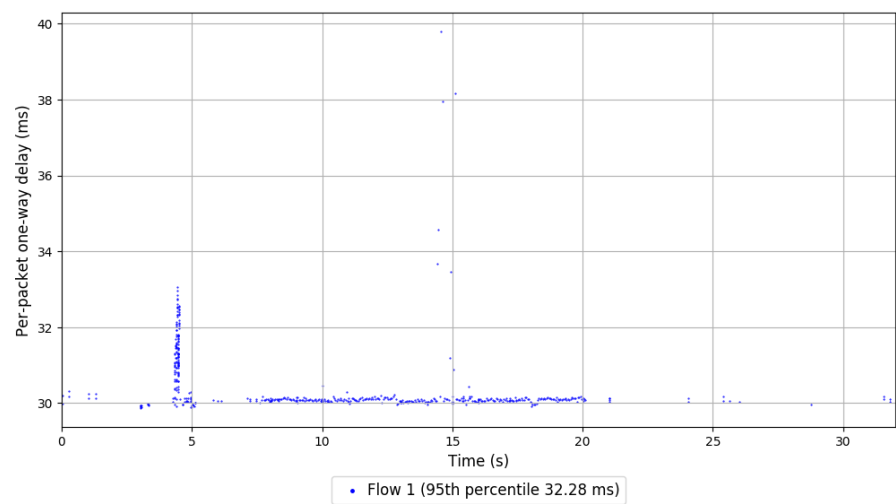
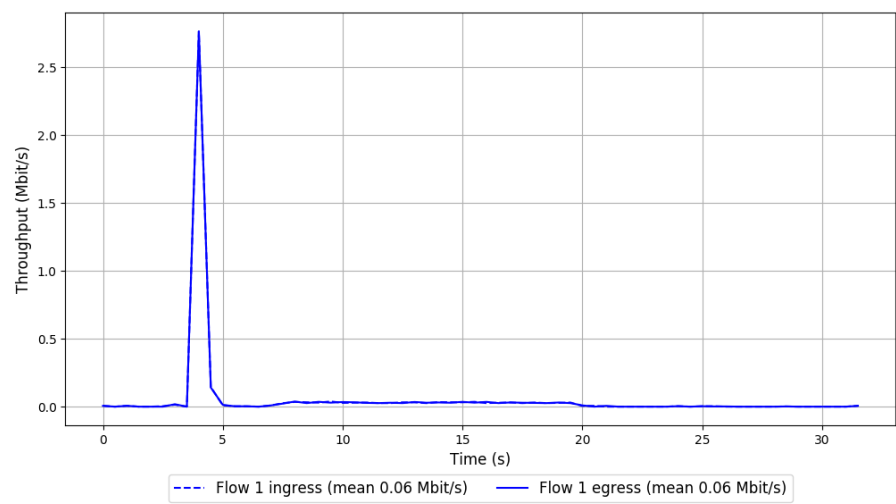


Run 3: Statistics of WebRTC media

Start at: 2018-03-27 06:13:21
End at: 2018-03-27 06:13:51
Local clock offset: 2.754 ms
Remote clock offset: -1.006 ms

Below is generated by plot.py at 2018-03-27 09:56:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 32.280 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 32.280 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: 2018-03-27 06:40:41

End at: 2018-03-27 06:41:11

Local clock offset: 0.36 ms

Remote clock offset: 0.717 ms

Below is generated by plot.py at 2018-03-27 09:56:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.06 Mbit/s

95th percentile per-packet one-way delay: 31.891 ms

Loss rate: 0.00%

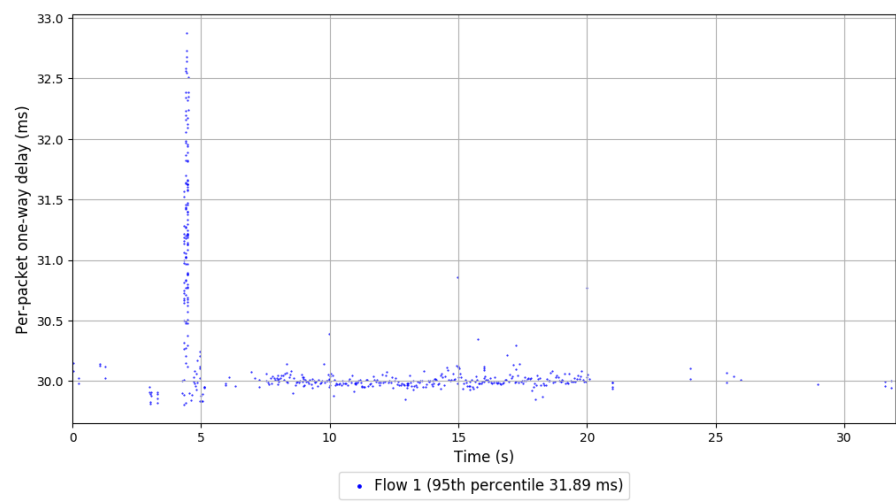
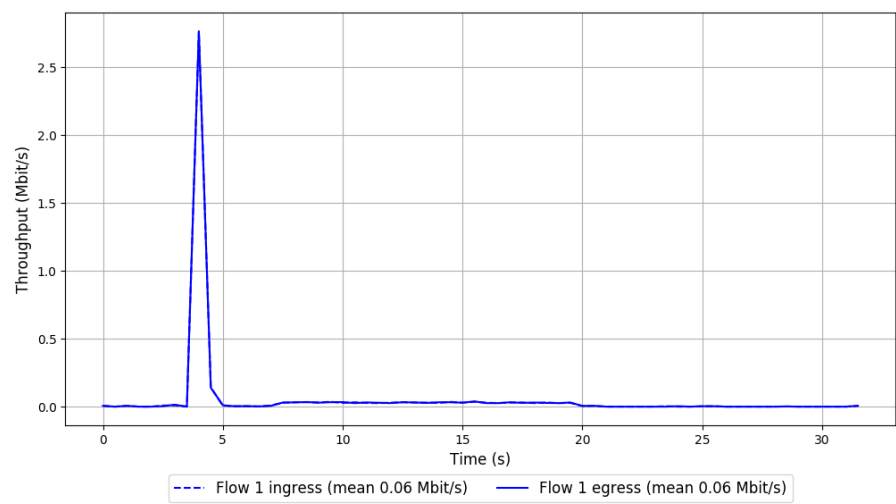
-- Flow 1:

Average throughput: 0.06 Mbit/s

95th percentile per-packet one-way delay: 31.891 ms

Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2018-03-27 07:07:23

End at: 2018-03-27 07:07:53

Local clock offset: 0.241 ms

Remote clock offset: 1.203 ms

Below is generated by plot.py at 2018-03-27 09:56:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.06 Mbit/s

95th percentile per-packet one-way delay: 32.463 ms

Loss rate: 0.00%

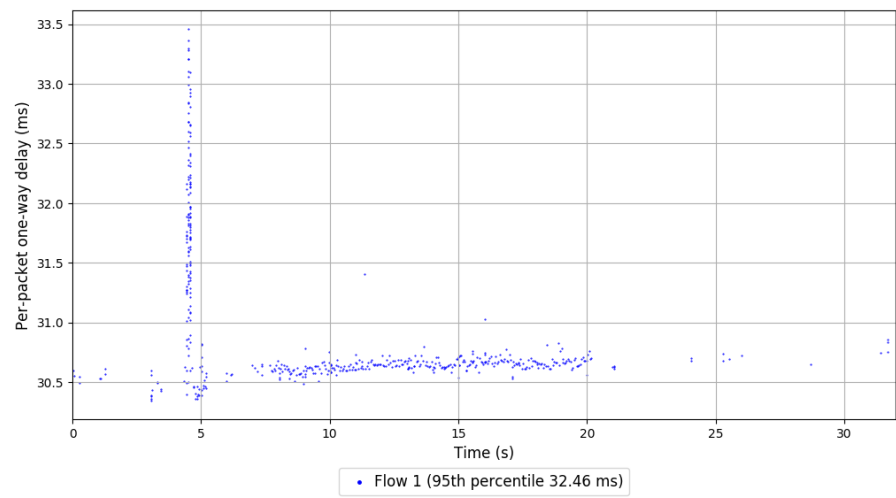
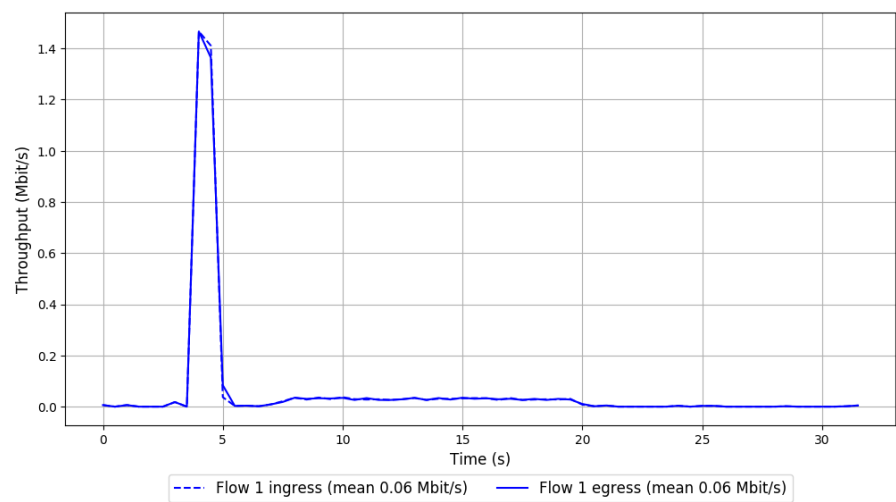
-- Flow 1:

Average throughput: 0.06 Mbit/s

95th percentile per-packet one-way delay: 32.463 ms

Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: 2018-03-27 07:33:05

End at: 2018-03-27 07:33:35

Local clock offset: 1.856 ms

Remote clock offset: 0.818 ms

Below is generated by plot.py at 2018-03-27 09:56:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.06 Mbit/s

95th percentile per-packet one-way delay: 31.898 ms

Loss rate: 0.00%

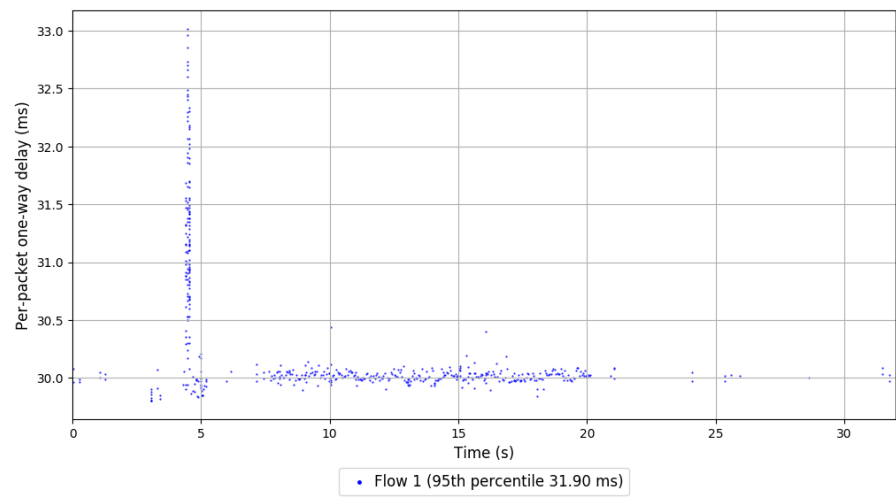
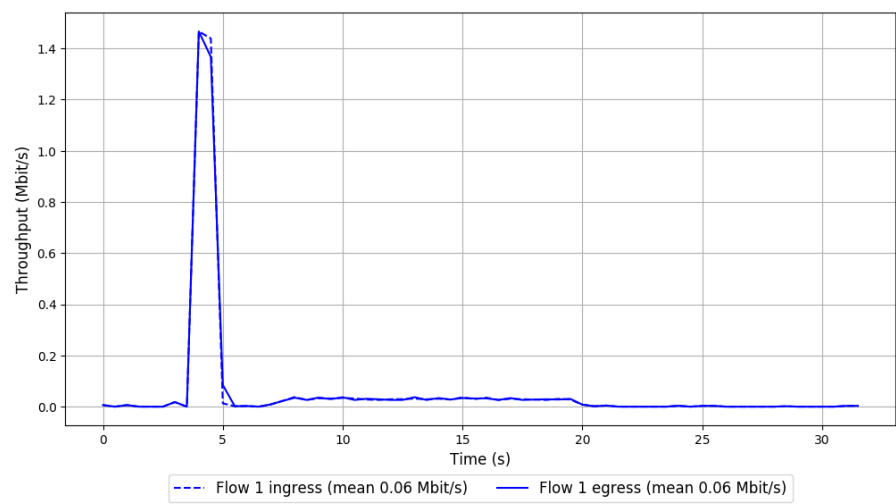
-- Flow 1:

Average throughput: 0.06 Mbit/s

95th percentile per-packet one-way delay: 31.898 ms

Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

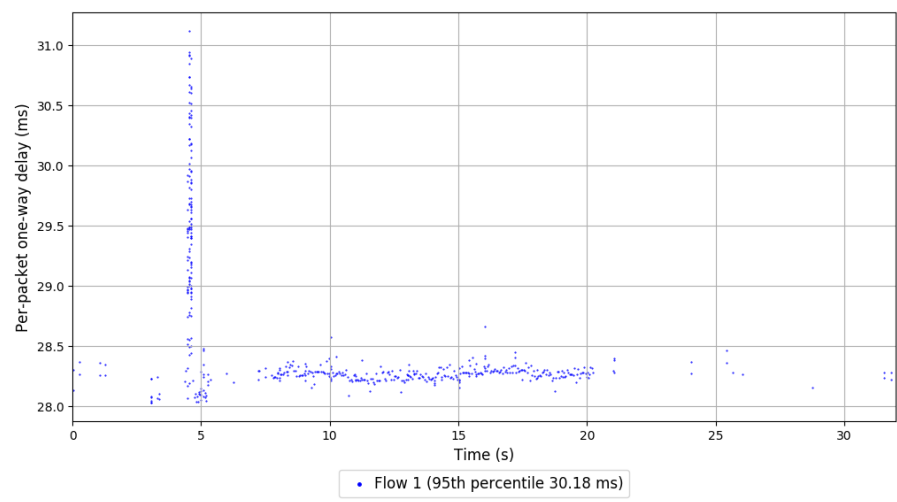
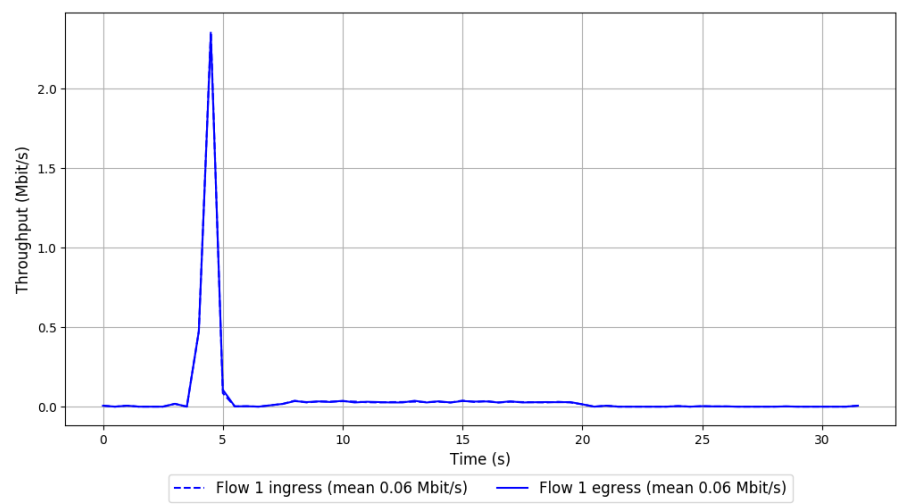


Run 7: Statistics of WebRTC media

Start at: 2018-03-27 07:58:39
End at: 2018-03-27 07:59:09
Local clock offset: -0.148 ms
Remote clock offset: -5.437 ms

Below is generated by plot.py at 2018-03-27 09:56:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 30.184 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 30.184 ms
Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

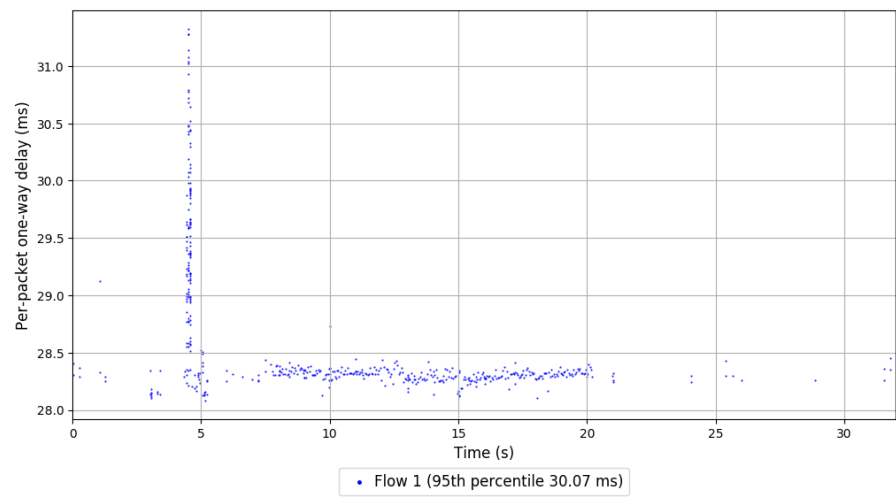
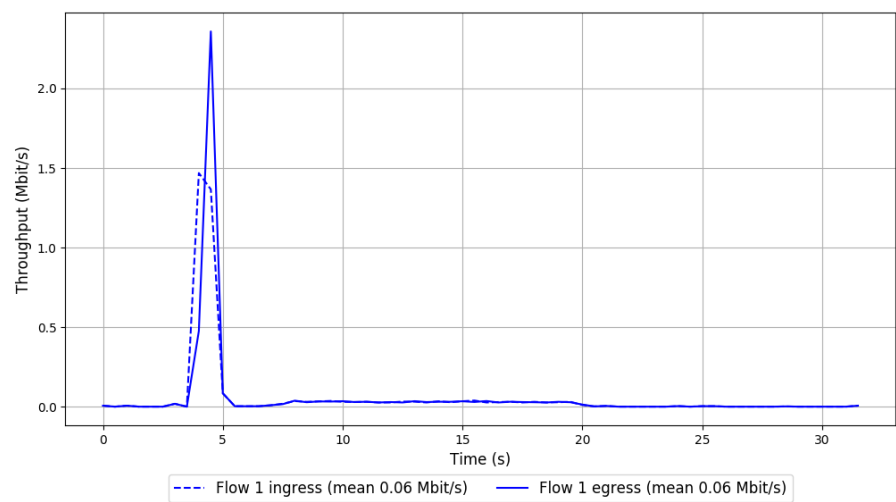


Run 8: Statistics of WebRTC media

Start at: 2018-03-27 08:23:48
End at: 2018-03-27 08:24:18
Local clock offset: -0.139 ms
Remote clock offset: -3.883 ms

Below is generated by plot.py at 2018-03-27 09:56:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 30.075 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 30.075 ms
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

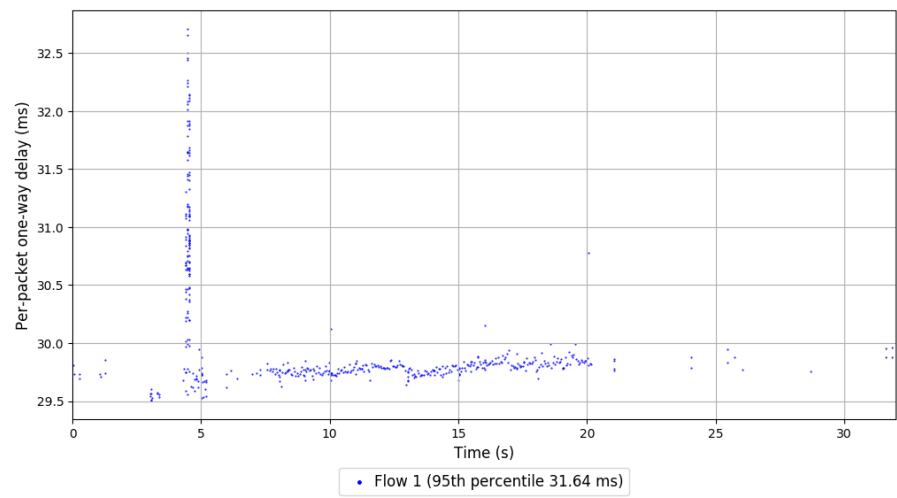
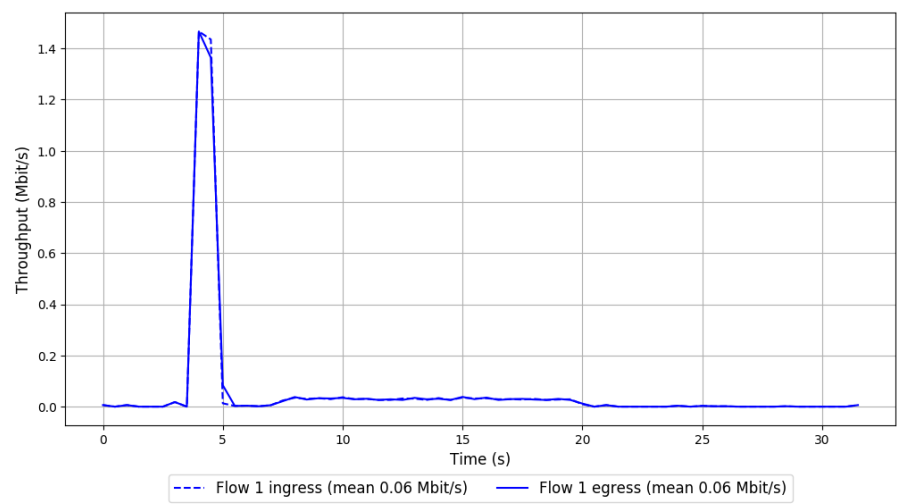


Run 9: Statistics of WebRTC media

Start at: 2018-03-27 08:49:30
End at: 2018-03-27 08:50:00
Local clock offset: 0.877 ms
Remote clock offset: -1.776 ms

Below is generated by plot.py at 2018-03-27 09:56:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 31.645 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 31.645 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-03-27 09:14:02

End at: 2018-03-27 09:14:32

Local clock offset: 2.781 ms

Remote clock offset: -3.615 ms

Below is generated by plot.py at 2018-03-27 09:56:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.06 Mbit/s

95th percentile per-packet one-way delay: 31.822 ms

Loss rate: 0.00%

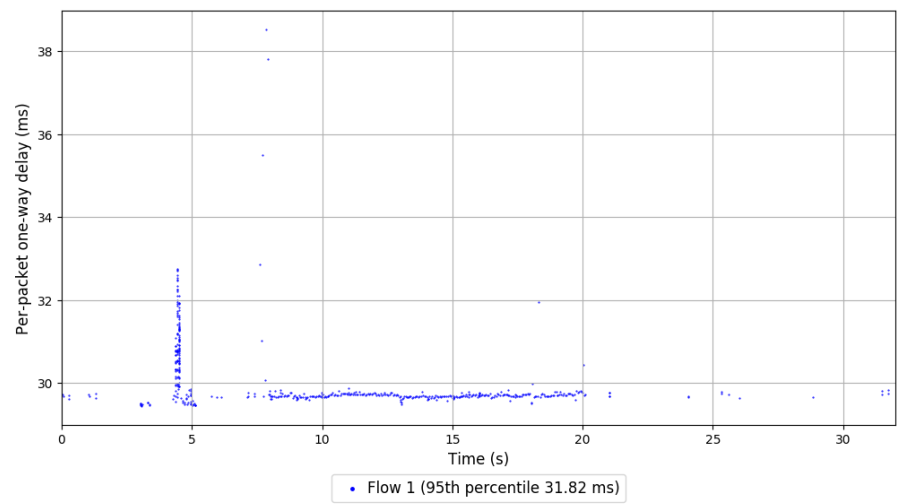
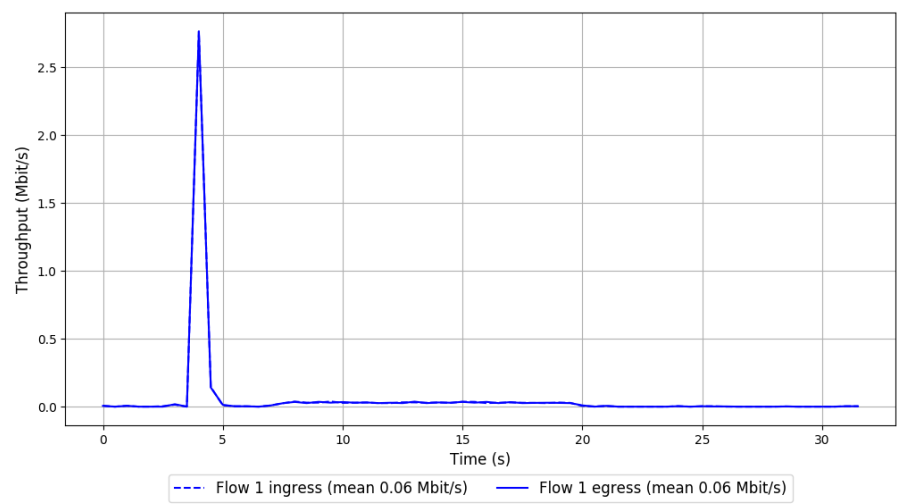
-- Flow 1:

Average throughput: 0.06 Mbit/s

95th percentile per-packet one-way delay: 31.822 ms

Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

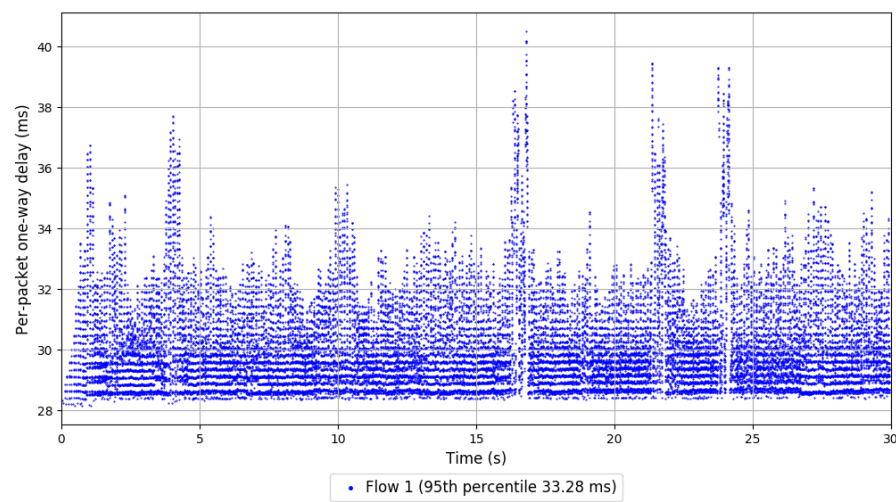
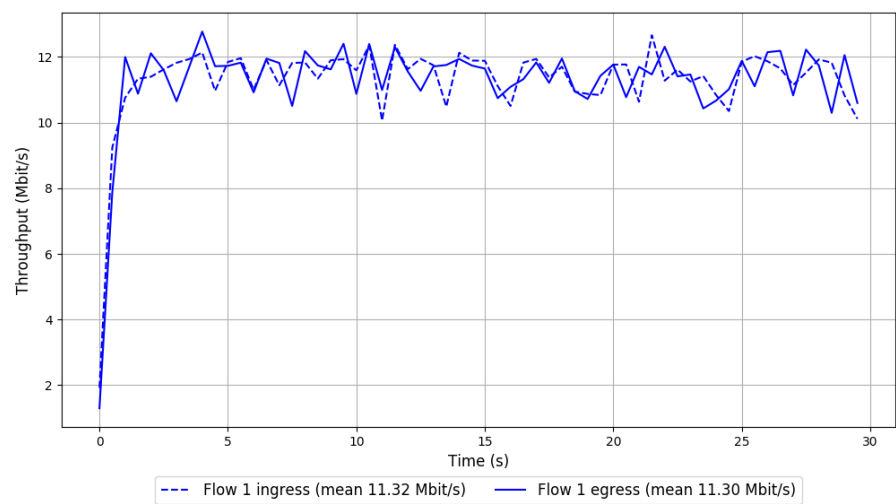


Run 1: Statistics of Sprout

Start at: 2018-03-27 05:14:29
End at: 2018-03-27 05:15:00
Local clock offset: 0.224 ms
Remote clock offset: -6.927 ms

Below is generated by plot.py at 2018-03-27 09:56:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.30 Mbit/s
95th percentile per-packet one-way delay: 33.285 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 11.30 Mbit/s
95th percentile per-packet one-way delay: 33.285 ms
Loss rate: 0.12%

Run 1: Report of Sprout — Data Link

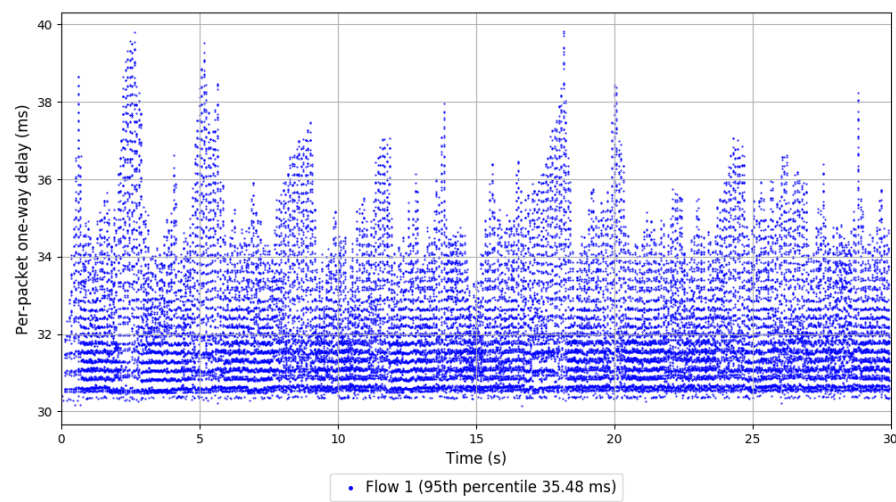
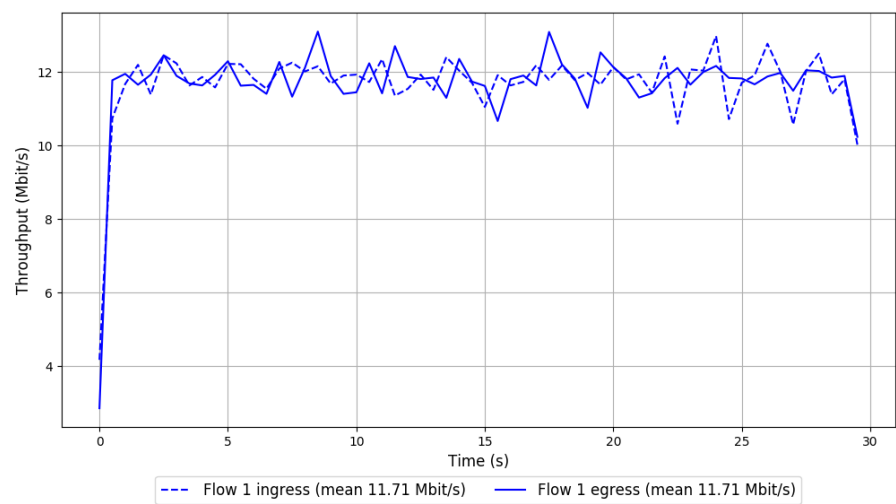


Run 2: Statistics of Sprout

Start at: 2018-03-27 05:41:34
End at: 2018-03-27 05:42:04
Local clock offset: 0.164 ms
Remote clock offset: -4.782 ms

Below is generated by plot.py at 2018-03-27 09:56:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.71 Mbit/s
95th percentile per-packet one-way delay: 35.484 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.71 Mbit/s
95th percentile per-packet one-way delay: 35.484 ms
Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

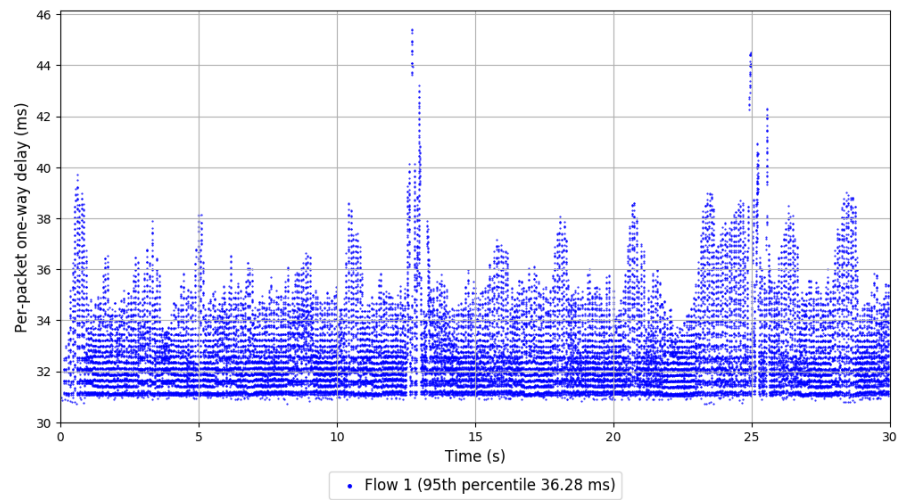
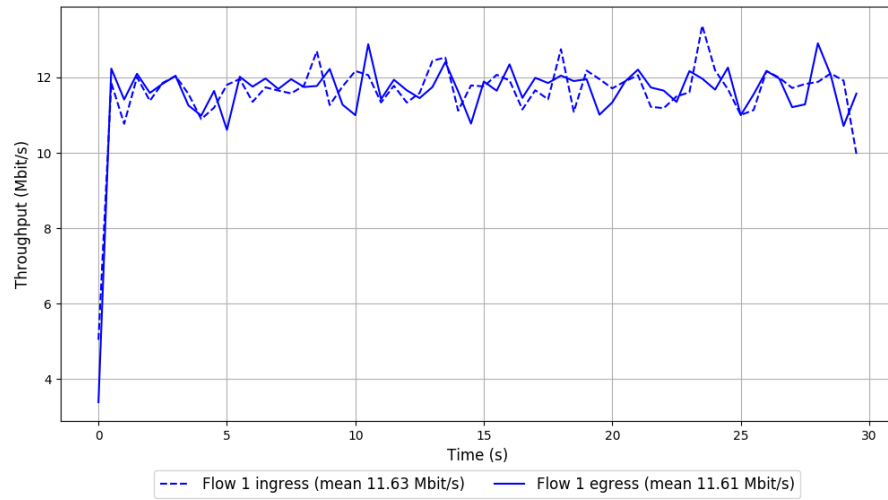


Run 3: Statistics of Sprout

Start at: 2018-03-27 06:08:24
End at: 2018-03-27 06:08:54
Local clock offset: 2.331 ms
Remote clock offset: -1.708 ms

Below is generated by plot.py at 2018-03-27 09:56:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.61 Mbit/s
95th percentile per-packet one-way delay: 36.279 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 11.61 Mbit/s
95th percentile per-packet one-way delay: 36.279 ms
Loss rate: 0.18%

Run 3: Report of Sprout — Data Link

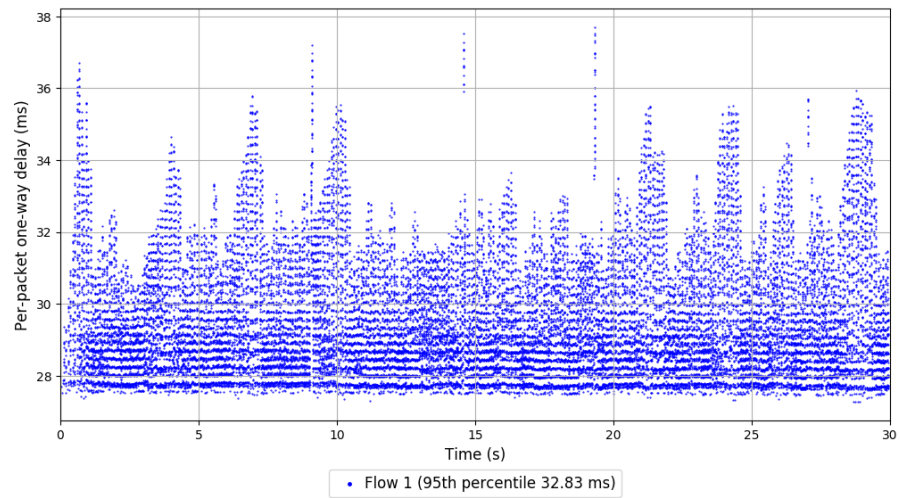
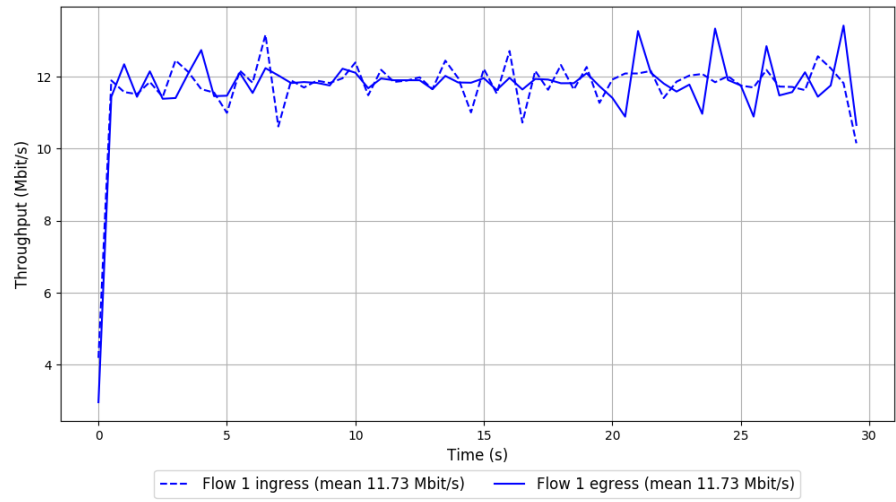


Run 4: Statistics of Sprout

Start at: 2018-03-27 06:35:39
End at: 2018-03-27 06:36:09
Local clock offset: 1.117 ms
Remote clock offset: -1.783 ms

Below is generated by plot.py at 2018-03-27 09:56:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.73 Mbit/s
95th percentile per-packet one-way delay: 32.833 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.73 Mbit/s
95th percentile per-packet one-way delay: 32.833 ms
Loss rate: 0.00%

Run 4: Report of Sprout — Data Link

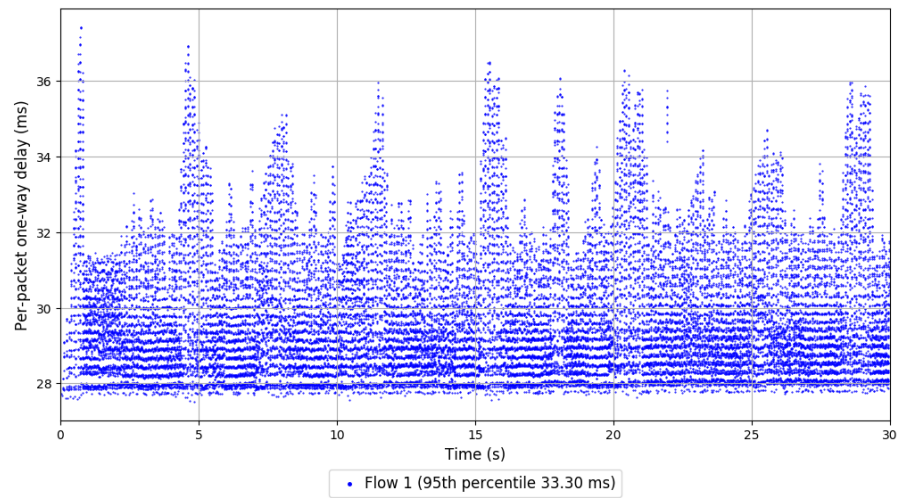
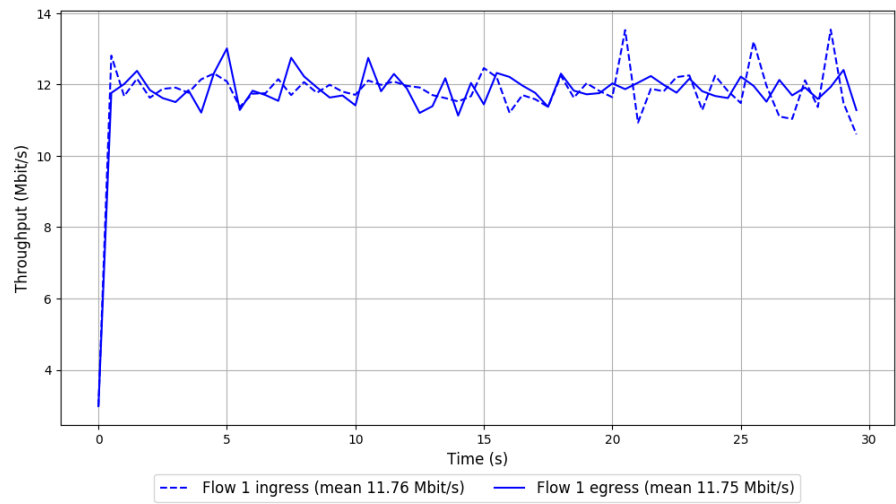


Run 5: Statistics of Sprout

Start at: 2018-03-27 07:02:57
End at: 2018-03-27 07:03:27
Local clock offset: -0.697 ms
Remote clock offset: -0.077 ms

Below is generated by plot.py at 2018-03-27 09:56:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.75 Mbit/s
95th percentile per-packet one-way delay: 33.295 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.75 Mbit/s
95th percentile per-packet one-way delay: 33.295 ms
Loss rate: 0.00%

Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

Start at: 2018-03-27 07:28:32

End at: 2018-03-27 07:29:02

Local clock offset: 1.8 ms

Remote clock offset: 1.236 ms

Below is generated by plot.py at 2018-03-27 09:56:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.68 Mbit/s

95th percentile per-packet one-way delay: 36.066 ms

Loss rate: 0.00%

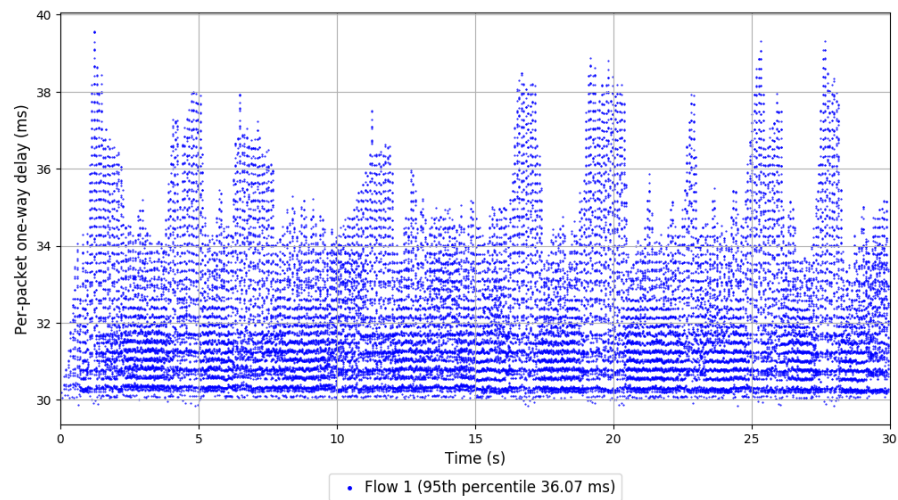
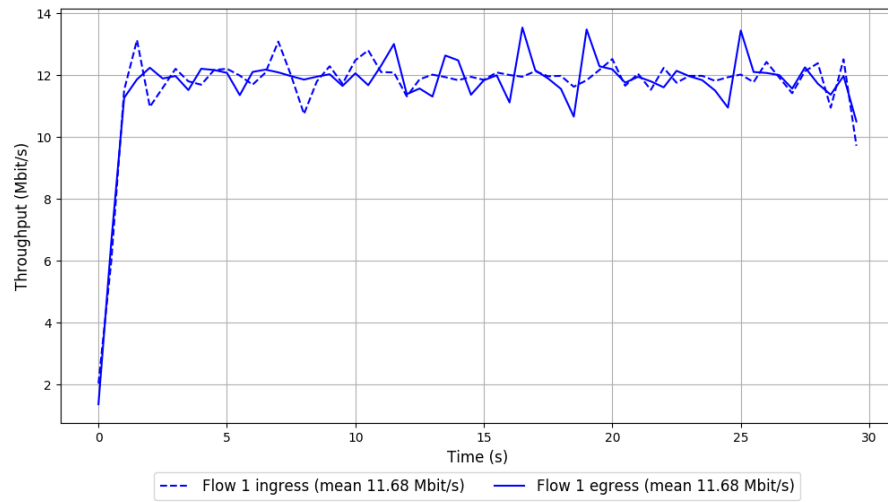
-- Flow 1:

Average throughput: 11.68 Mbit/s

95th percentile per-packet one-way delay: 36.066 ms

Loss rate: 0.00%

Run 6: Report of Sprout — Data Link

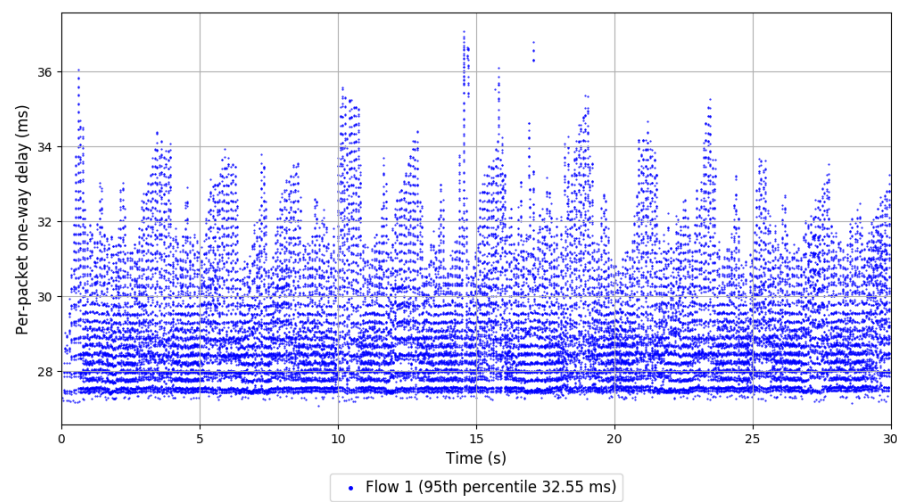
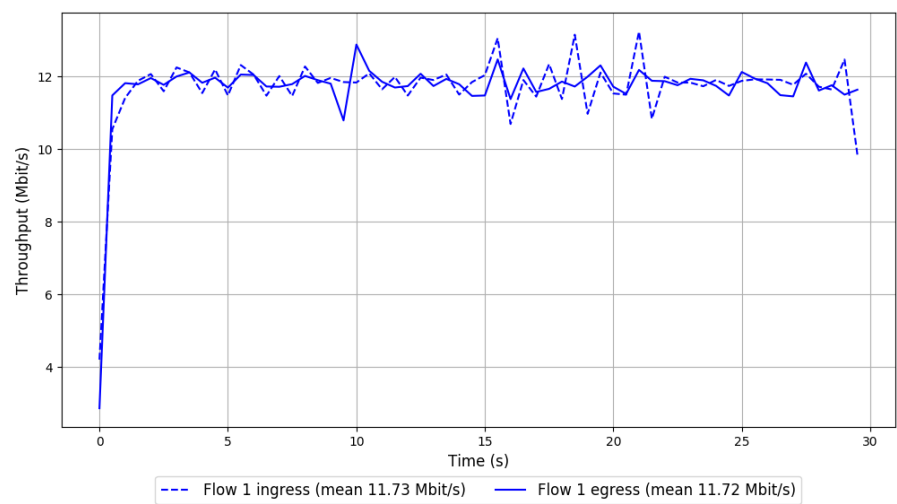


Run 7: Statistics of Sprout

Start at: 2018-03-27 07:54:24
End at: 2018-03-27 07:54:54
Local clock offset: 0.006 ms
Remote clock offset: -5.346 ms

Below is generated by plot.py at 2018-03-27 09:56:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.72 Mbit/s
95th percentile per-packet one-way delay: 32.546 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 11.72 Mbit/s
95th percentile per-packet one-way delay: 32.546 ms
Loss rate: 0.06%

Run 7: Report of Sprout — Data Link

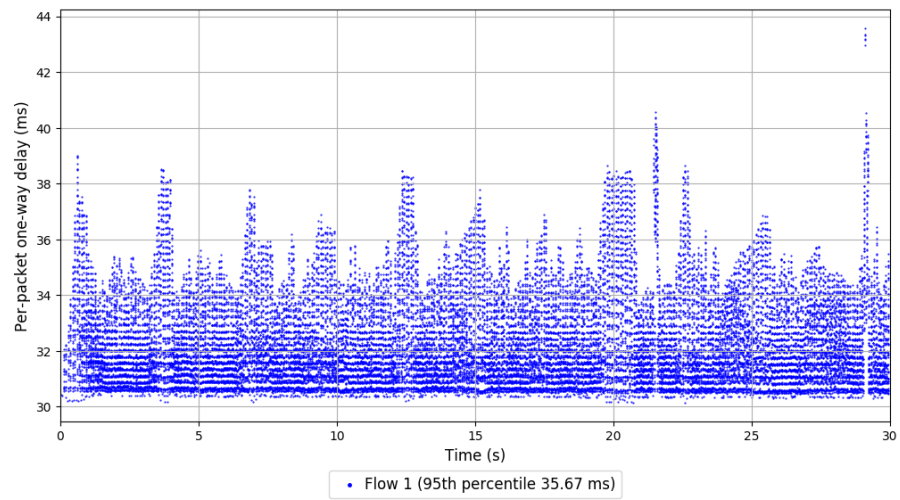
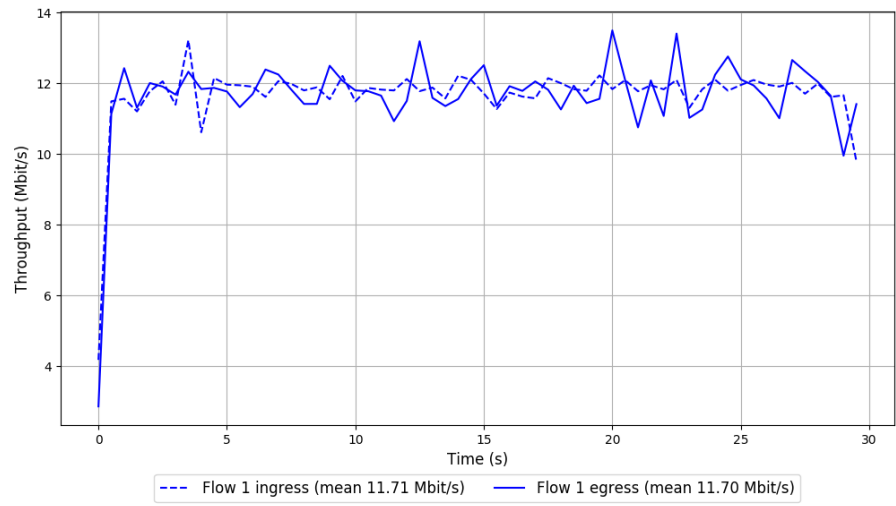


Run 8: Statistics of Sprout

Start at: 2018-03-27 08:19:39
End at: 2018-03-27 08:20:09
Local clock offset: -0.278 ms
Remote clock offset: -2.407 ms

Below is generated by plot.py at 2018-03-27 09:56:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.70 Mbit/s
95th percentile per-packet one-way delay: 35.673 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 11.70 Mbit/s
95th percentile per-packet one-way delay: 35.673 ms
Loss rate: 0.06%

Run 8: Report of Sprout — Data Link



Run 9: Statistics of Sprout

Start at: 2018-03-27 08:44:56

End at: 2018-03-27 08:45:26

Local clock offset: -0.136 ms

Remote clock offset: -0.94 ms

Below is generated by plot.py at 2018-03-27 09:56:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.66 Mbit/s

95th percentile per-packet one-way delay: 36.859 ms

Loss rate: 0.28%

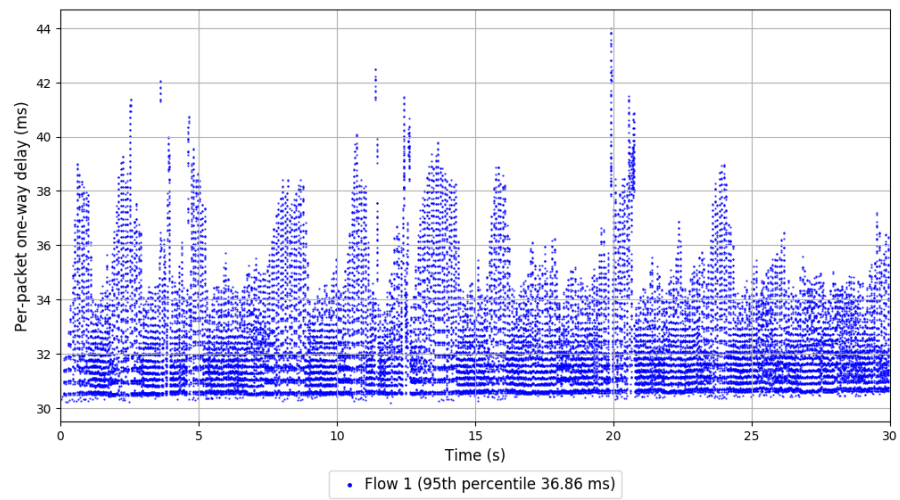
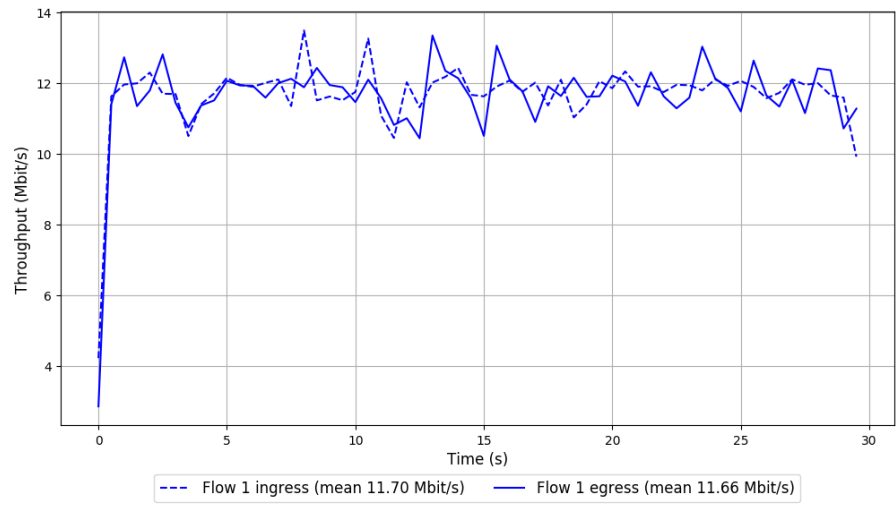
-- Flow 1:

Average throughput: 11.66 Mbit/s

95th percentile per-packet one-way delay: 36.859 ms

Loss rate: 0.28%

Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: 2018-03-27 09:09:55

End at: 2018-03-27 09:10:25

Local clock offset: 2.572 ms

Remote clock offset: -3.376 ms

Below is generated by plot.py at 2018-03-27 09:56:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.72 Mbit/s

95th percentile per-packet one-way delay: 35.264 ms

Loss rate: 0.10%

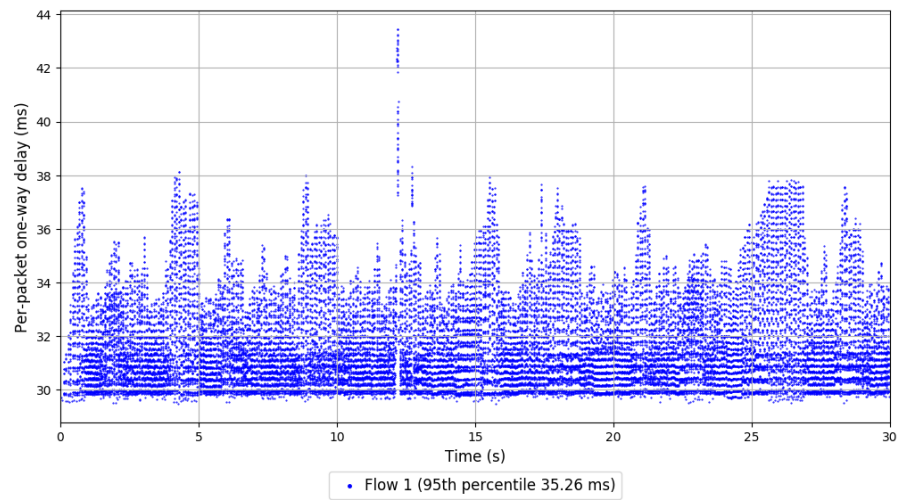
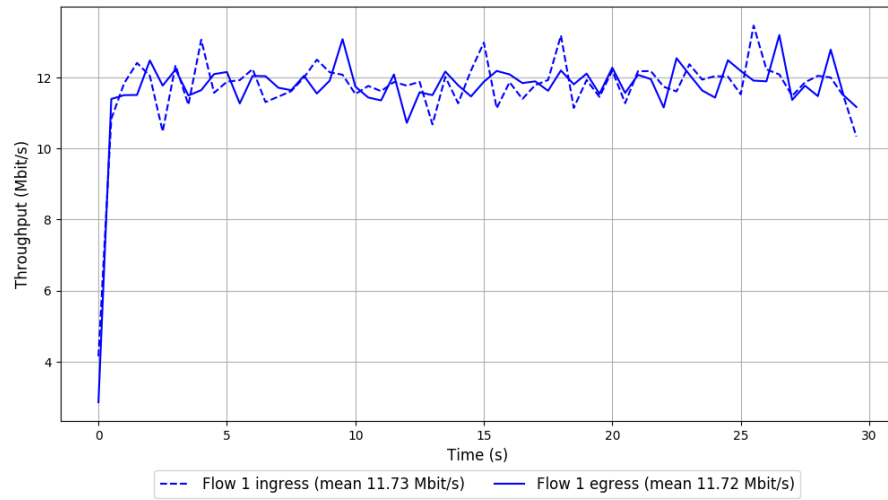
-- Flow 1:

Average throughput: 11.72 Mbit/s

95th percentile per-packet one-way delay: 35.264 ms

Loss rate: 0.10%

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: 2018-03-27 05:07:12

End at: 2018-03-27 05:07:42

Local clock offset: 0.284 ms

Remote clock offset: -6.461 ms

Below is generated by plot.py at 2018-03-27 09:57:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.76 Mbit/s

95th percentile per-packet one-way delay: 35.448 ms

Loss rate: 0.29%

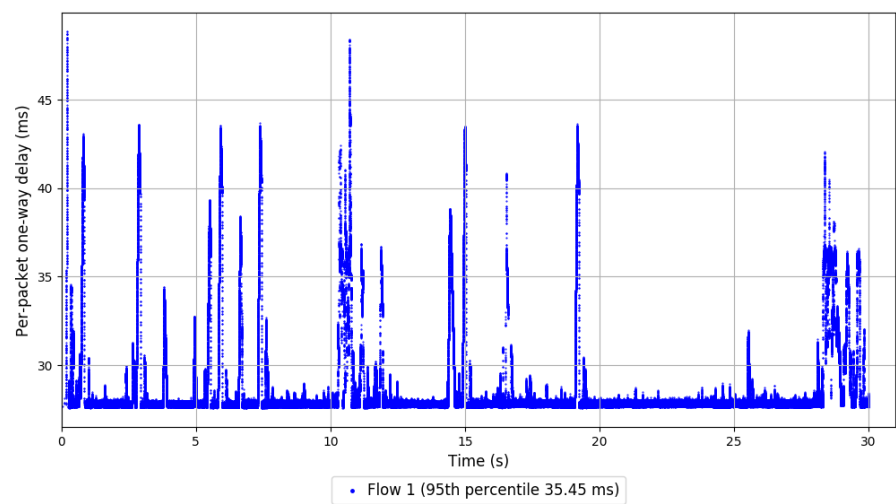
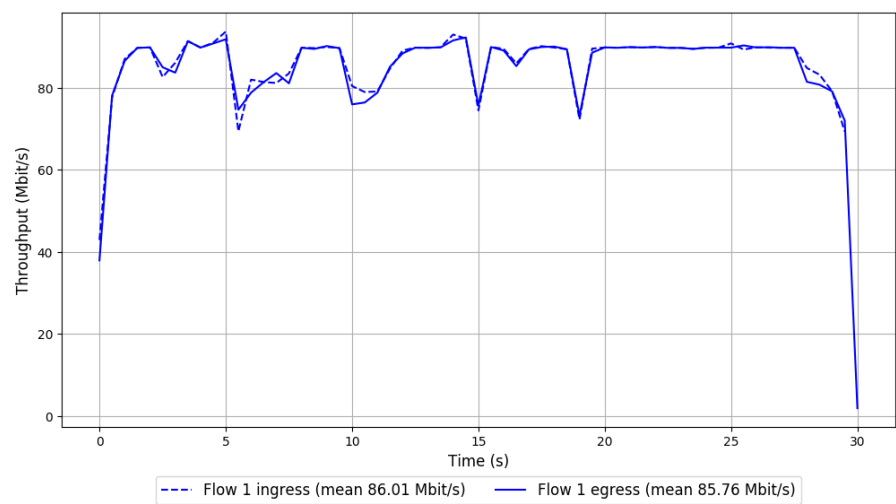
-- Flow 1:

Average throughput: 85.76 Mbit/s

95th percentile per-packet one-way delay: 35.448 ms

Loss rate: 0.29%

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

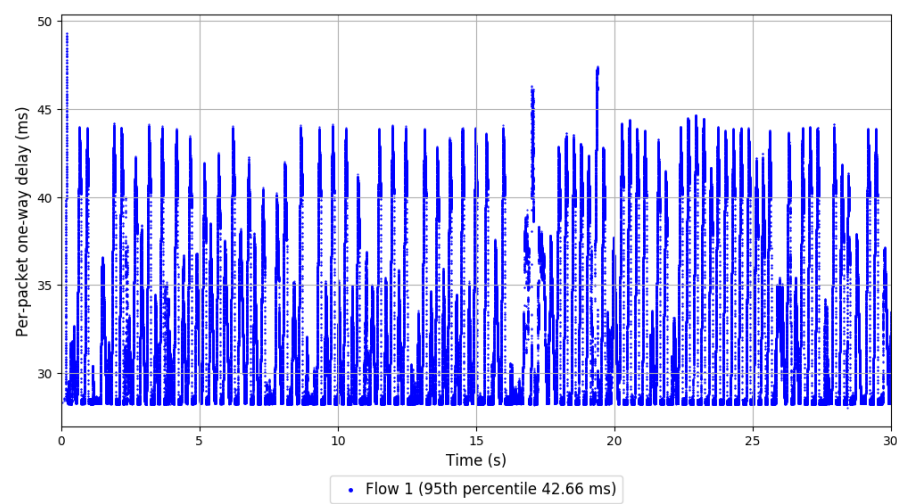
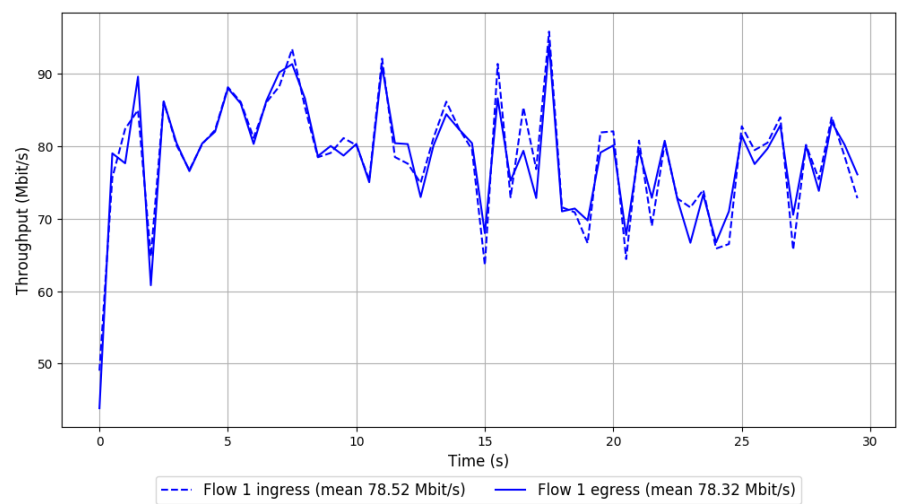


Run 2: Statistics of TaoVA-100x

Start at: 2018-03-27 05:35:19
End at: 2018-03-27 05:35:49
Local clock offset: 0.206 ms
Remote clock offset: -6.832 ms

Below is generated by plot.py at 2018-03-27 09:57:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.32 Mbit/s
95th percentile per-packet one-way delay: 42.660 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 78.32 Mbit/s
95th percentile per-packet one-way delay: 42.660 ms
Loss rate: 0.24%

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



Run 3: Statistics of TaoVA-100x

Start at: 2018-03-27 06:02:14

End at: 2018-03-27 06:02:44

Local clock offset: 1.762 ms

Remote clock offset: -3.335 ms

Below is generated by plot.py at 2018-03-27 09:57:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.70 Mbit/s

95th percentile per-packet one-way delay: 44.910 ms

Loss rate: 0.00%

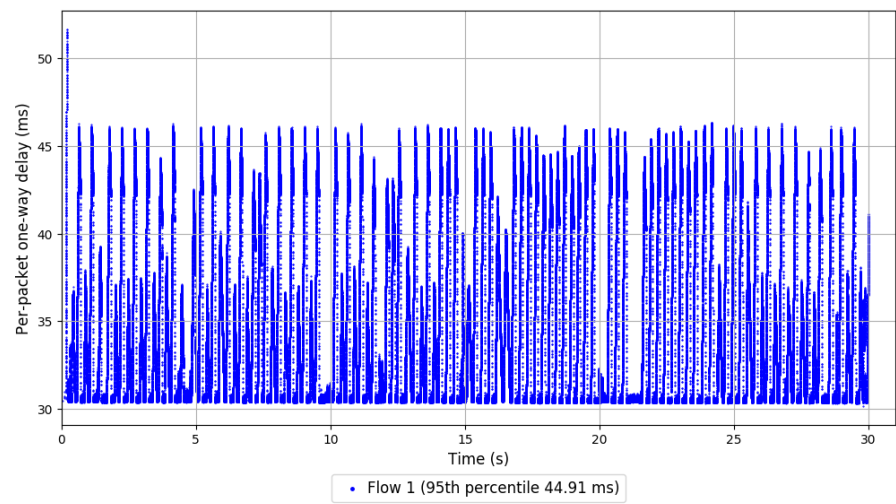
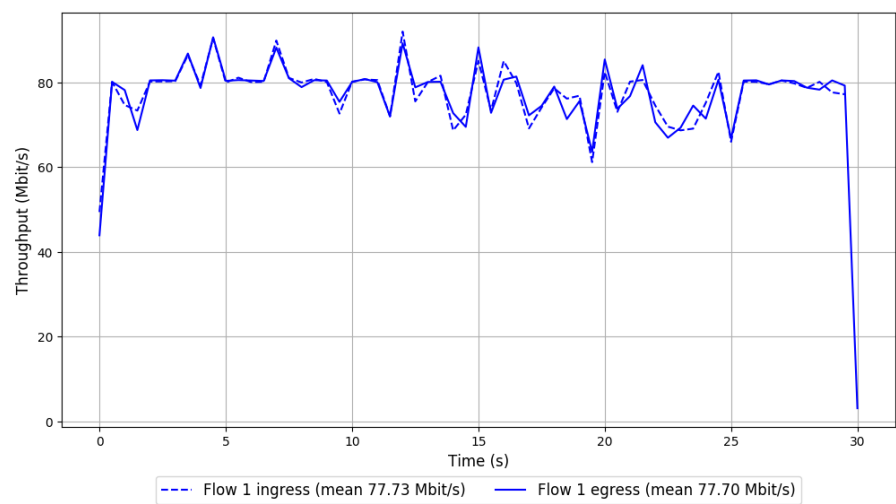
-- Flow 1:

Average throughput: 77.70 Mbit/s

95th percentile per-packet one-way delay: 44.910 ms

Loss rate: 0.00%

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



Run 4: Statistics of TaoVA-100x

Start at: 2018-03-27 06:29:26

End at: 2018-03-27 06:29:56

Local clock offset: 2.569 ms

Remote clock offset: -1.468 ms

Below is generated by plot.py at 2018-03-27 09:57:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.04 Mbit/s

95th percentile per-packet one-way delay: 43.232 ms

Loss rate: 0.00%

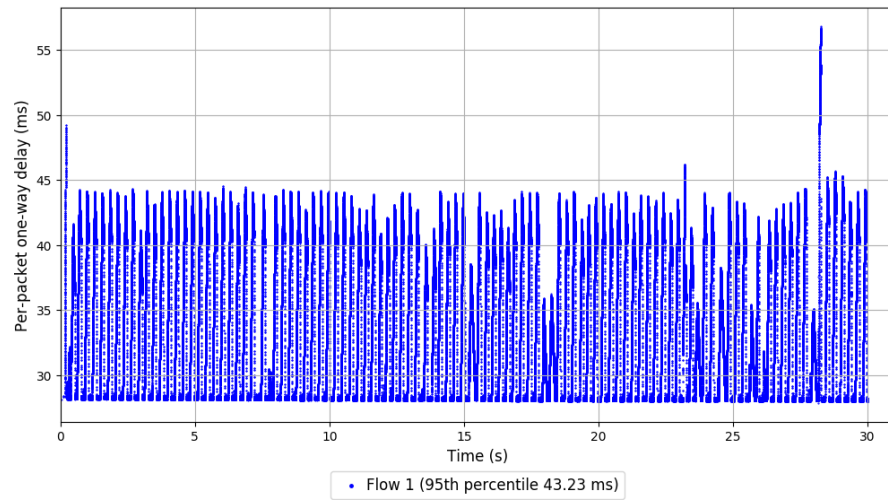
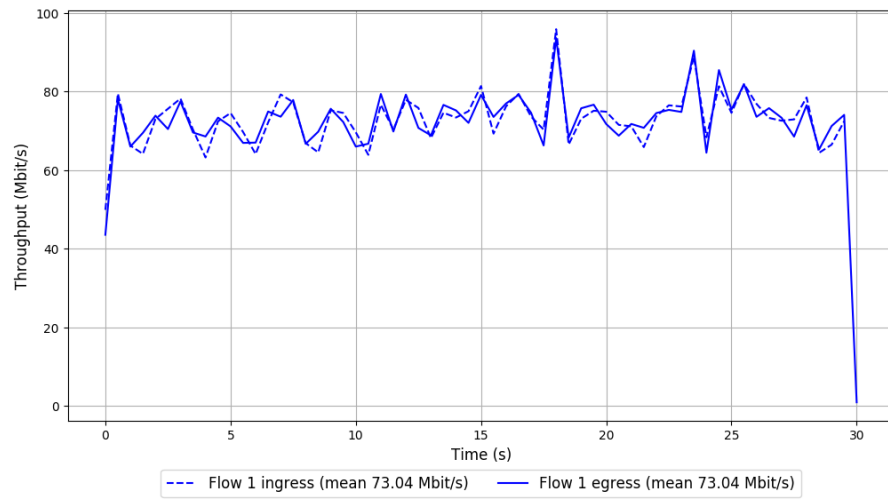
-- Flow 1:

Average throughput: 73.04 Mbit/s

95th percentile per-packet one-way delay: 43.232 ms

Loss rate: 0.00%

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



Run 5: Statistics of TaoVA-100x

Start at: 2018-03-27 06:56:46

End at: 2018-03-27 06:57:16

Local clock offset: -0.815 ms

Remote clock offset: -0.726 ms

Below is generated by plot.py at 2018-03-27 09:57:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.07 Mbit/s

95th percentile per-packet one-way delay: 41.945 ms

Loss rate: 0.03%

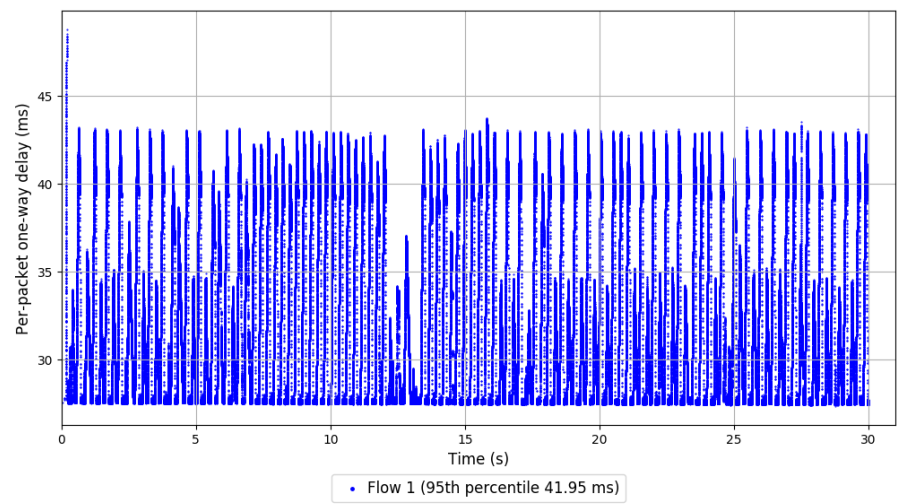
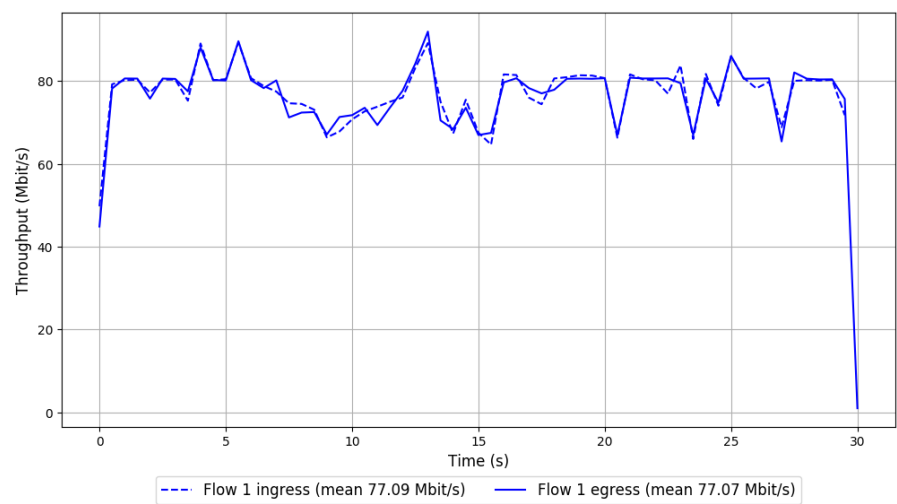
-- Flow 1:

Average throughput: 77.07 Mbit/s

95th percentile per-packet one-way delay: 41.945 ms

Loss rate: 0.03%

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



Run 6: Statistics of TaoVA-100x

Start at: 2018-03-27 07:22:32

End at: 2018-03-27 07:23:02

Local clock offset: 1.625 ms

Remote clock offset: -1.655 ms

Below is generated by plot.py at 2018-03-27 09:57:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.50 Mbit/s

95th percentile per-packet one-way delay: 42.360 ms

Loss rate: 0.03%

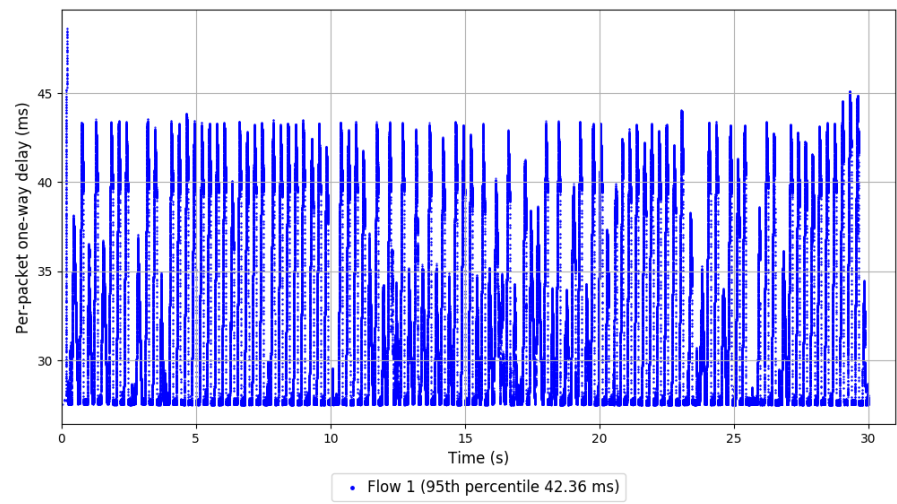
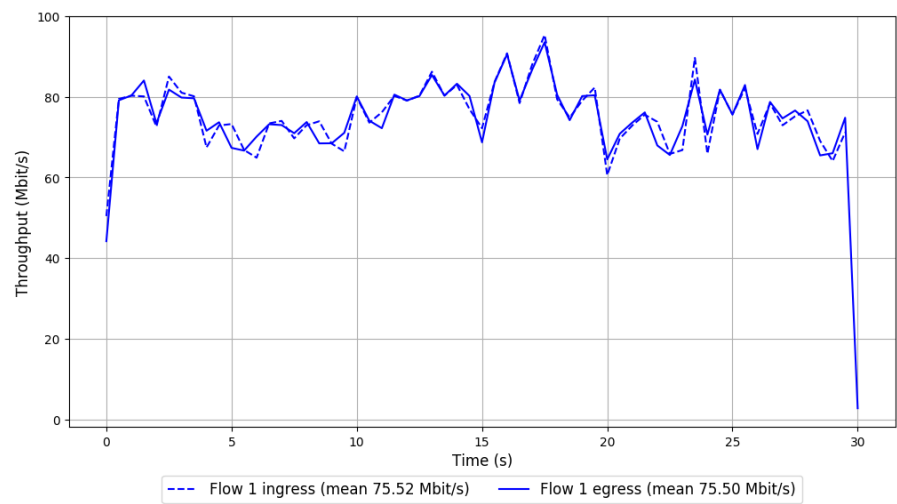
-- Flow 1:

Average throughput: 75.50 Mbit/s

95th percentile per-packet one-way delay: 42.360 ms

Loss rate: 0.03%

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

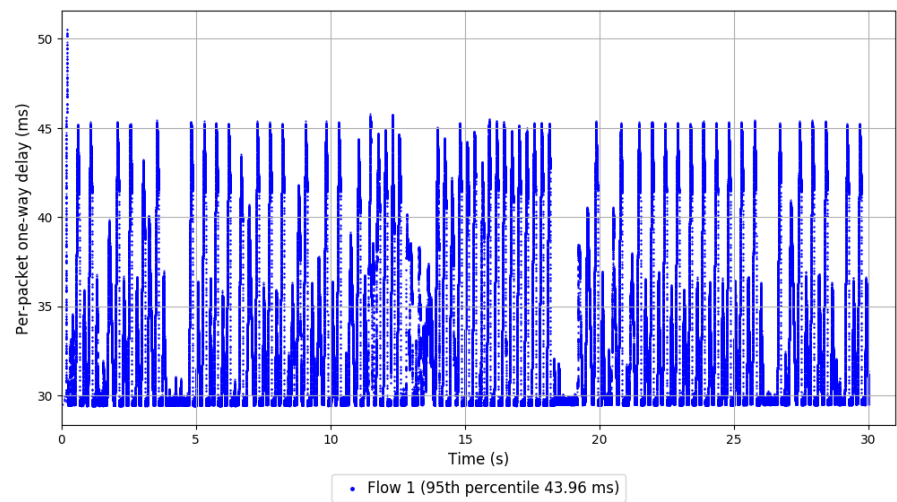
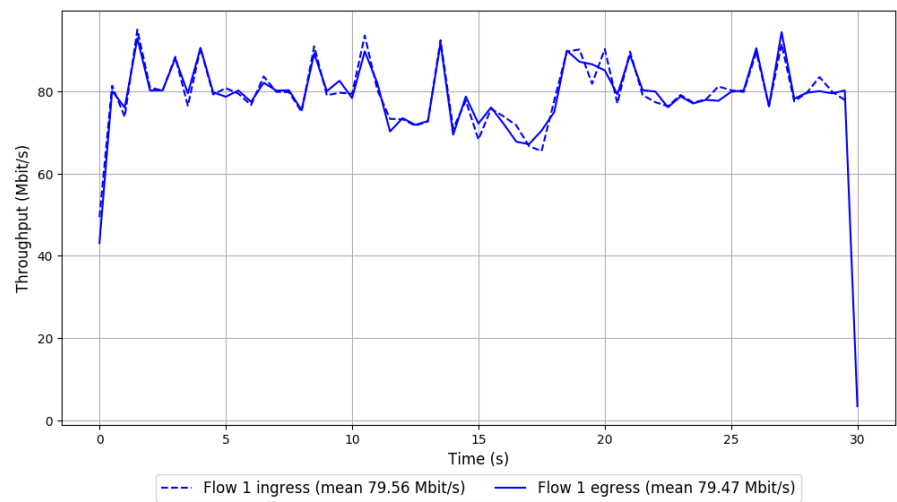


Run 7: Statistics of TaoVA-100x

Start at: 2018-03-27 07:48:36
End at: 2018-03-27 07:49:06
Local clock offset: 0.255 ms
Remote clock offset: -2.394 ms

Below is generated by plot.py at 2018-03-27 09:58:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 79.47 Mbit/s
95th percentile per-packet one-way delay: 43.962 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 79.47 Mbit/s
95th percentile per-packet one-way delay: 43.962 ms
Loss rate: 0.11%

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

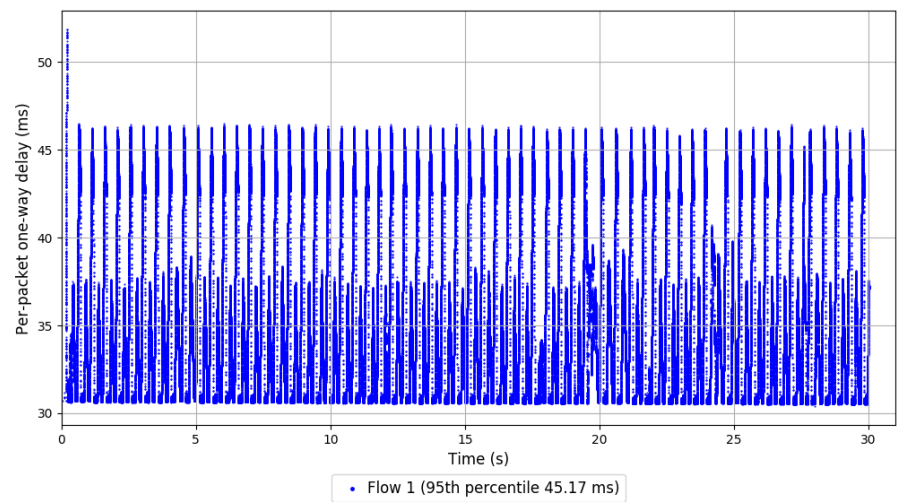
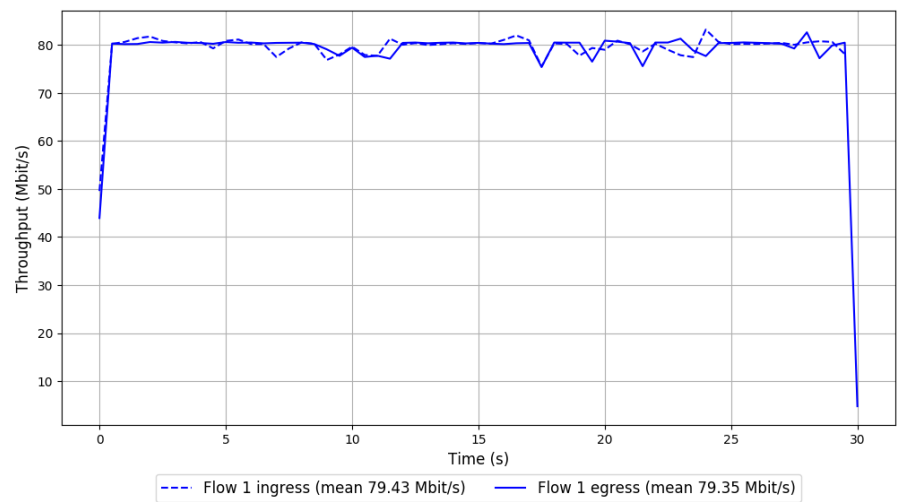


Run 8: Statistics of TaoVA-100x

Start at: 2018-03-27 08:13:57
End at: 2018-03-27 08:14:27
Local clock offset: -0.285 ms
Remote clock offset: -3.191 ms

Below is generated by plot.py at 2018-03-27 09:58:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 79.35 Mbit/s
95th percentile per-packet one-way delay: 45.171 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 79.35 Mbit/s
95th percentile per-packet one-way delay: 45.171 ms
Loss rate: 0.08%

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



Run 9: Statistics of TaoVA-100x

Start at: 2018-03-27 08:38:53

End at: 2018-03-27 08:39:23

Local clock offset: -0.219 ms

Remote clock offset: -3.4 ms

Below is generated by plot.py at 2018-03-27 09:59:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.17 Mbit/s

95th percentile per-packet one-way delay: 43.010 ms

Loss rate: 0.03%

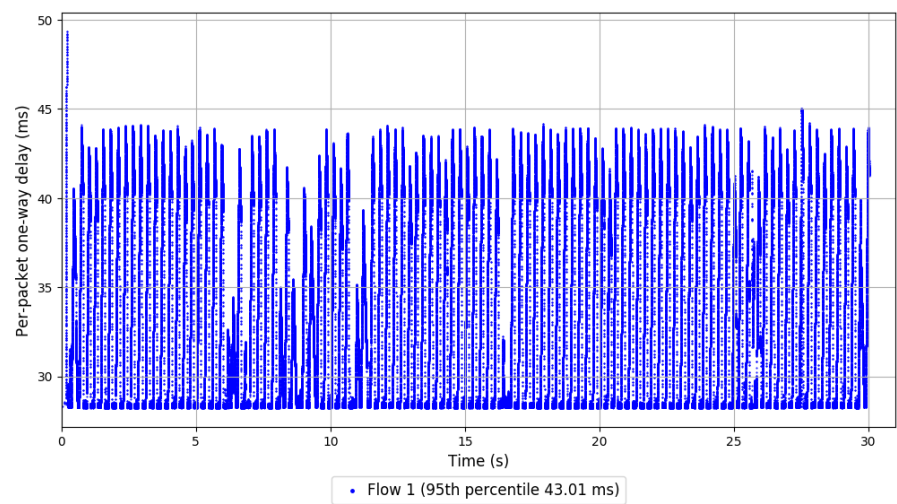
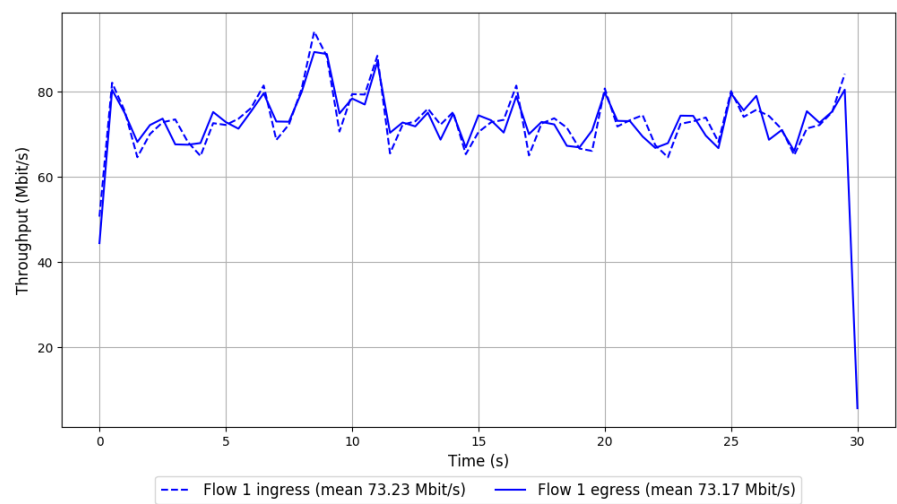
-- Flow 1:

Average throughput: 73.17 Mbit/s

95th percentile per-packet one-way delay: 43.010 ms

Loss rate: 0.03%

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



Run 10: Statistics of TaoVA-100x

Start at: 2018-03-27 09:04:17

End at: 2018-03-27 09:04:47

Local clock offset: 2.295 ms

Remote clock offset: -4.984 ms

Below is generated by plot.py at 2018-03-27 09:59:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.15 Mbit/s

95th percentile per-packet one-way delay: 42.480 ms

Loss rate: 0.00%

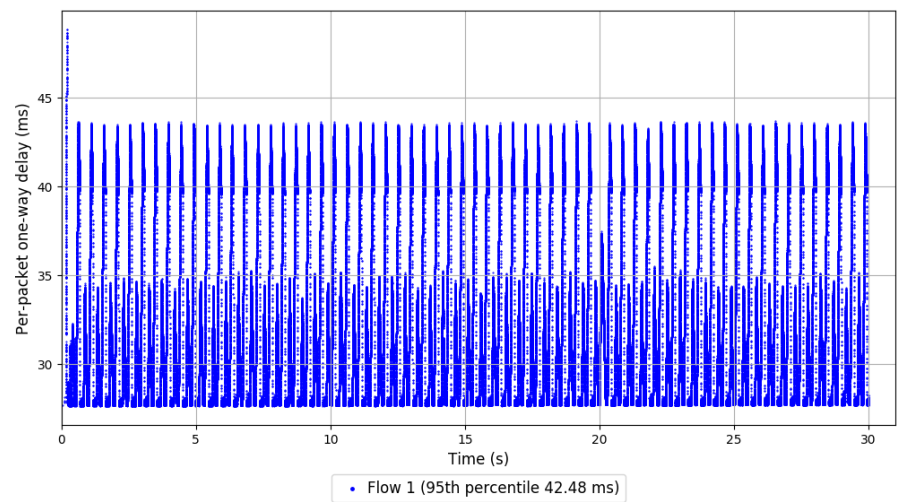
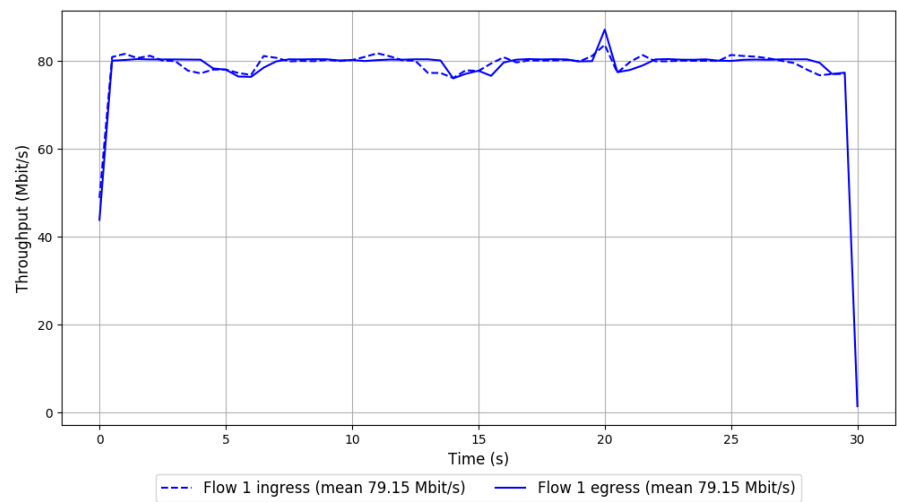
-- Flow 1:

Average throughput: 79.15 Mbit/s

95th percentile per-packet one-way delay: 42.480 ms

Loss rate: 0.00%

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

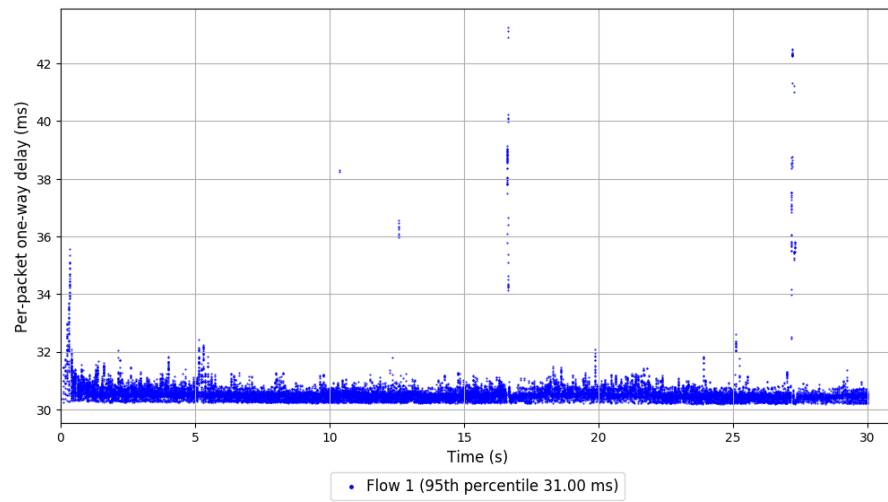
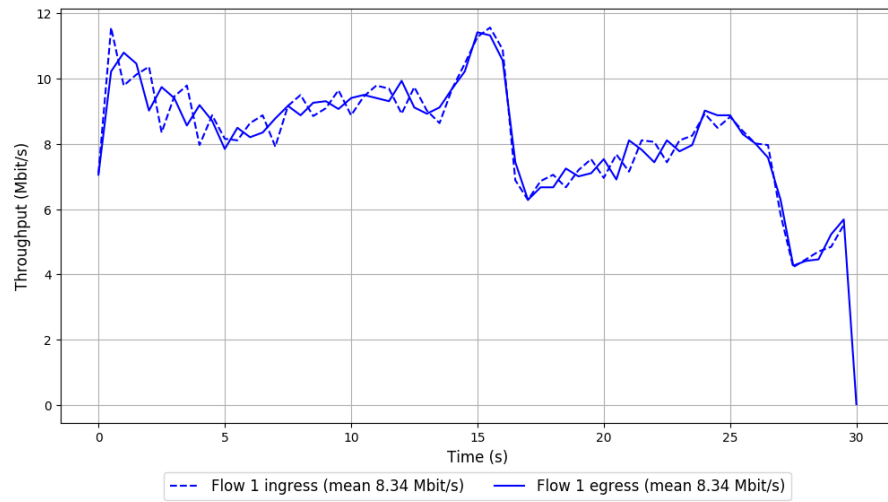


Run 1: Statistics of TCP Vegas

Start at: 2018-03-27 05:22:02
End at: 2018-03-27 05:22:32
Local clock offset: 0.29 ms
Remote clock offset: -5.314 ms

Below is generated by plot.py at 2018-03-27 09:59:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 8.34 Mbit/s
95th percentile per-packet one-way delay: 31.001 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 8.34 Mbit/s
95th percentile per-packet one-way delay: 31.001 ms
Loss rate: 0.05%

Run 1: Report of TCP Vegas — Data Link

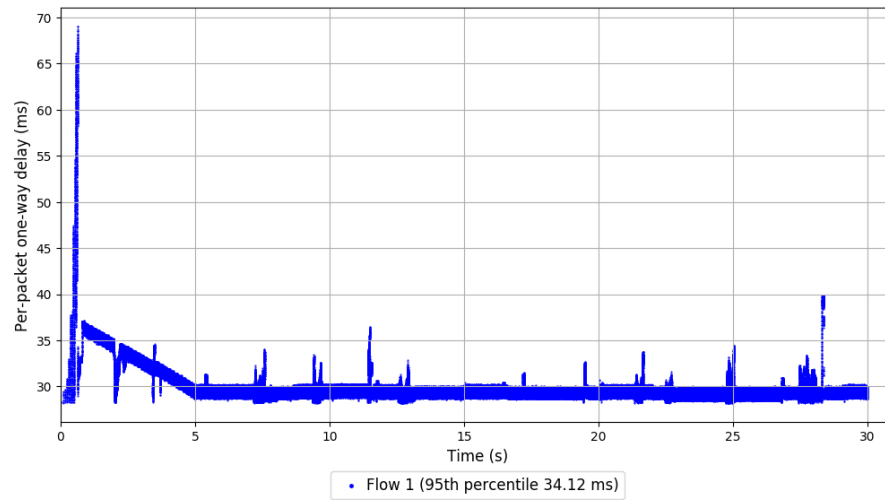
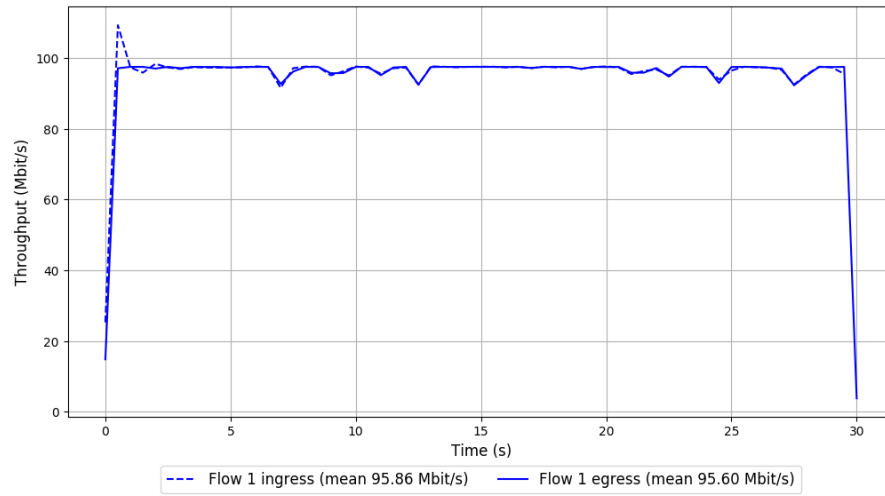


Run 2: Statistics of TCP Vegas

Start at: 2018-03-27 05:49:06
End at: 2018-03-27 05:49:36
Local clock offset: 0.129 ms
Remote clock offset: -7.037 ms

Below is generated by plot.py at 2018-03-27 09:59:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.60 Mbit/s
95th percentile per-packet one-way delay: 34.123 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 95.60 Mbit/s
95th percentile per-packet one-way delay: 34.123 ms
Loss rate: 0.27%

Run 2: Report of TCP Vegas — Data Link

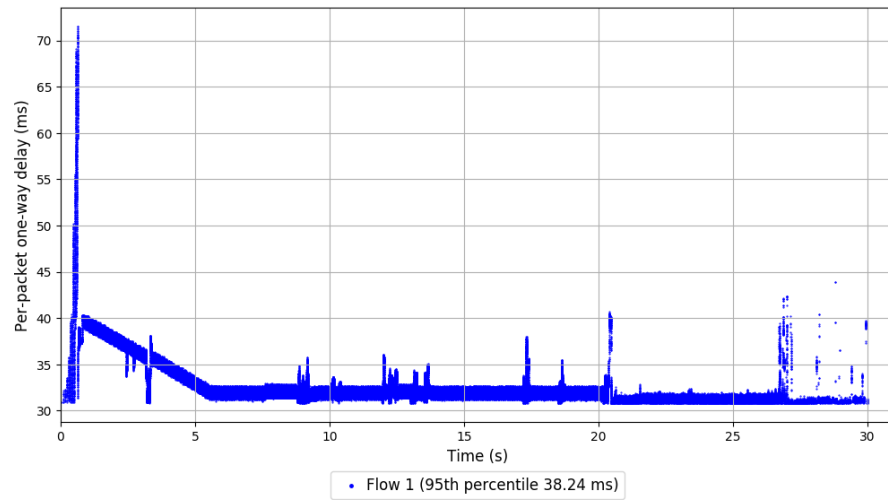
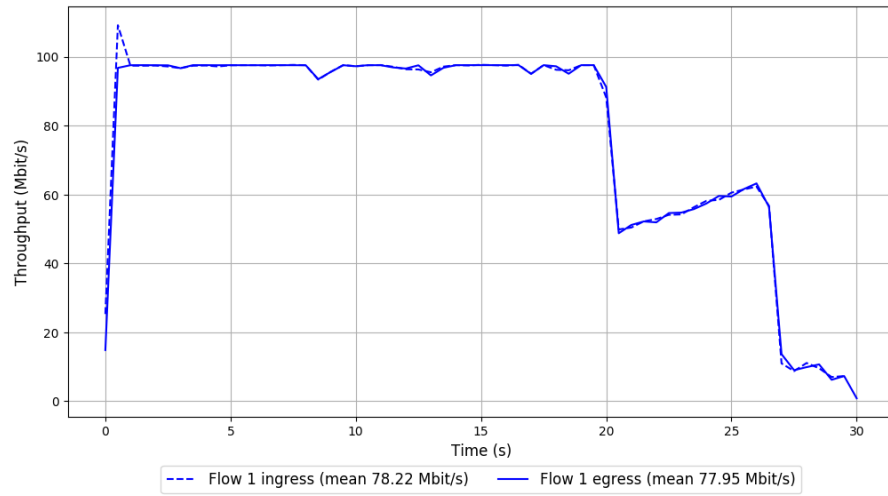


Run 3: Statistics of TCP Vegas

Start at: 2018-03-27 06:16:07
End at: 2018-03-27 06:16:37
Local clock offset: 2.867 ms
Remote clock offset: -0.562 ms

Below is generated by plot.py at 2018-03-27 09:59:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.95 Mbit/s
95th percentile per-packet one-way delay: 38.239 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 77.95 Mbit/s
95th percentile per-packet one-way delay: 38.239 ms
Loss rate: 0.35%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: 2018-03-27 06:43:25

End at: 2018-03-27 06:43:55

Local clock offset: 0.119 ms

Remote clock offset: 0.377 ms

Below is generated by plot.py at 2018-03-27 09:59:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.78 Mbit/s

95th percentile per-packet one-way delay: 38.301 ms

Loss rate: 0.33%

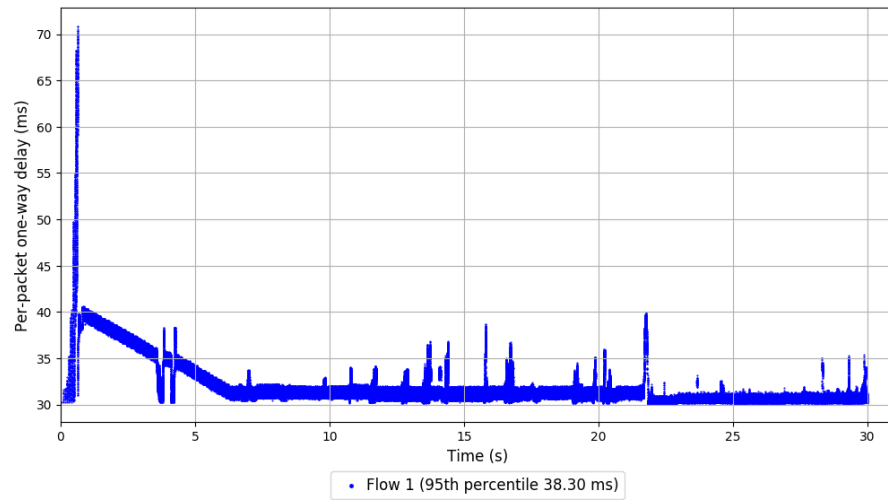
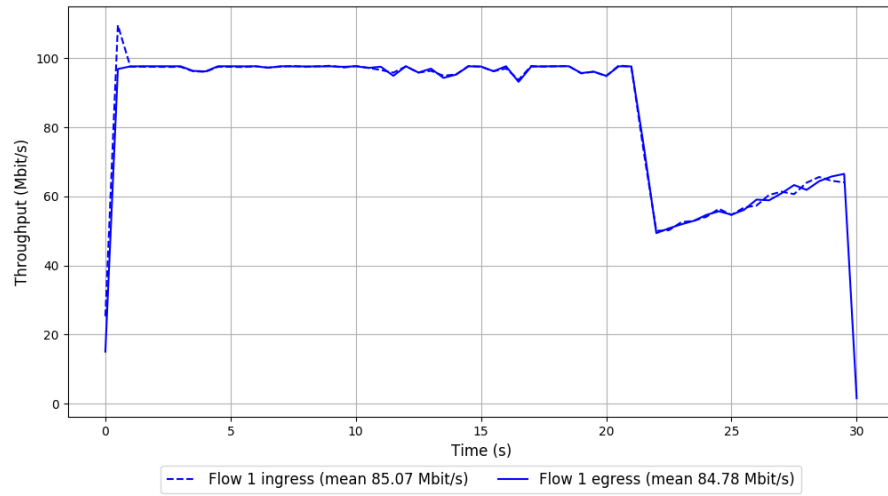
-- Flow 1:

Average throughput: 84.78 Mbit/s

95th percentile per-packet one-way delay: 38.301 ms

Loss rate: 0.33%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: 2018-03-27 07:10:07

End at: 2018-03-27 07:10:37

Local clock offset: 0.776 ms

Remote clock offset: 0.764 ms

Below is generated by plot.py at 2018-03-27 09:59:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 32.65 Mbit/s

95th percentile per-packet one-way delay: 31.257 ms

Loss rate: 0.27%

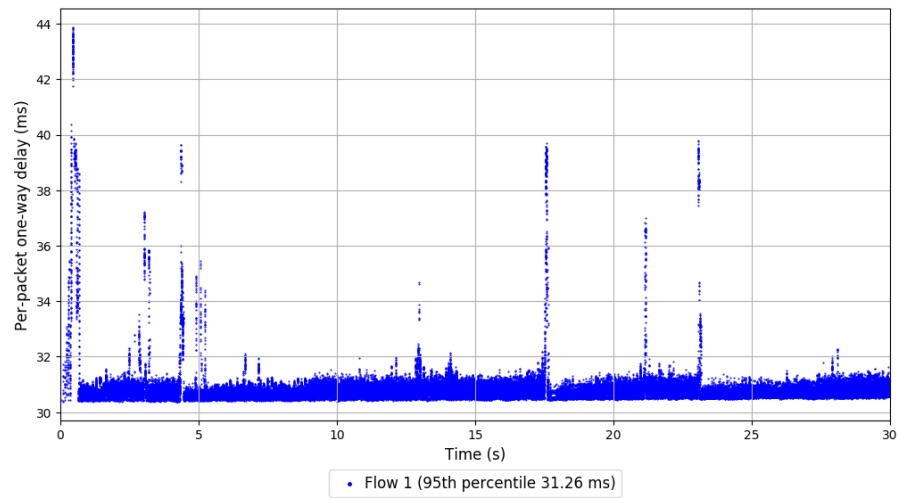
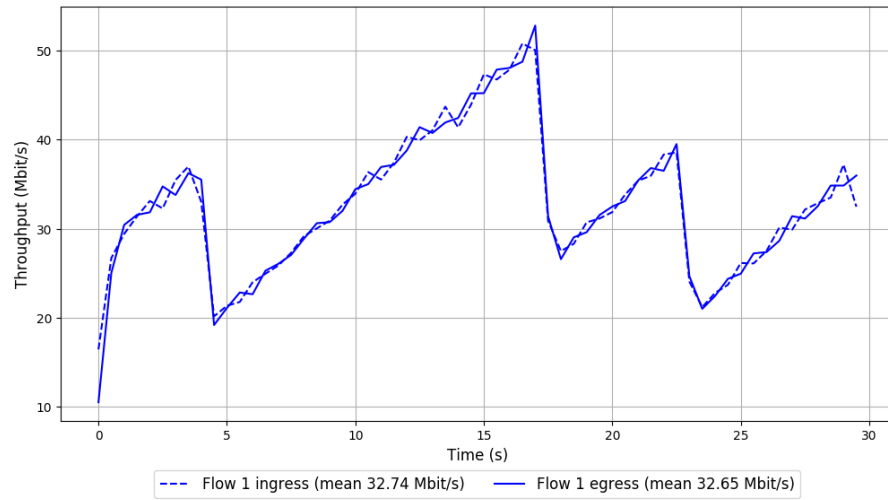
-- Flow 1:

Average throughput: 32.65 Mbit/s

95th percentile per-packet one-way delay: 31.257 ms

Loss rate: 0.27%

Run 5: Report of TCP Vegas — Data Link

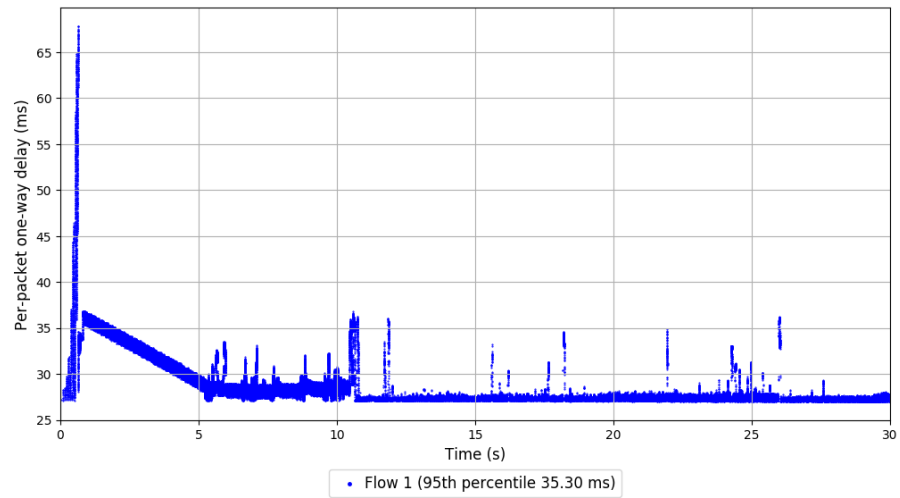
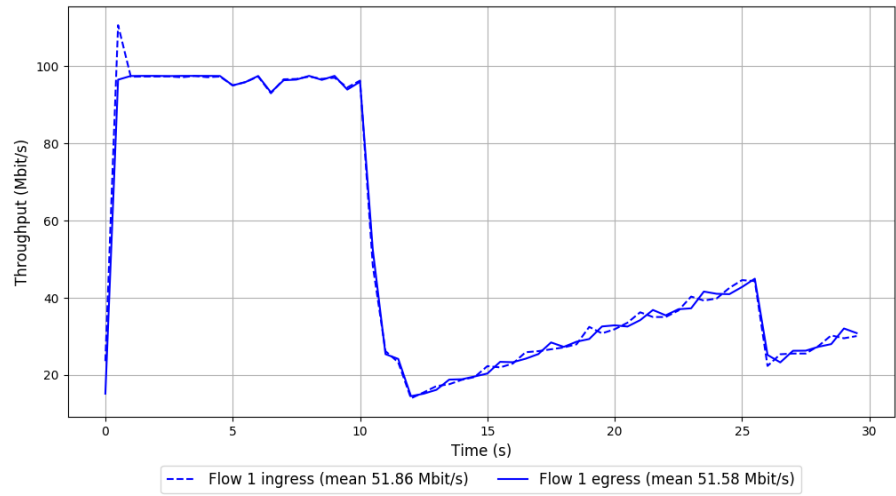


Run 6: Statistics of TCP Vegas

Start at: 2018-03-27 07:35:51
End at: 2018-03-27 07:36:21
Local clock offset: 1.853 ms
Remote clock offset: -1.089 ms

Below is generated by plot.py at 2018-03-27 09:59:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 51.58 Mbit/s
95th percentile per-packet one-way delay: 35.295 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 51.58 Mbit/s
95th percentile per-packet one-way delay: 35.295 ms
Loss rate: 0.53%

Run 6: Report of TCP Vegas — Data Link

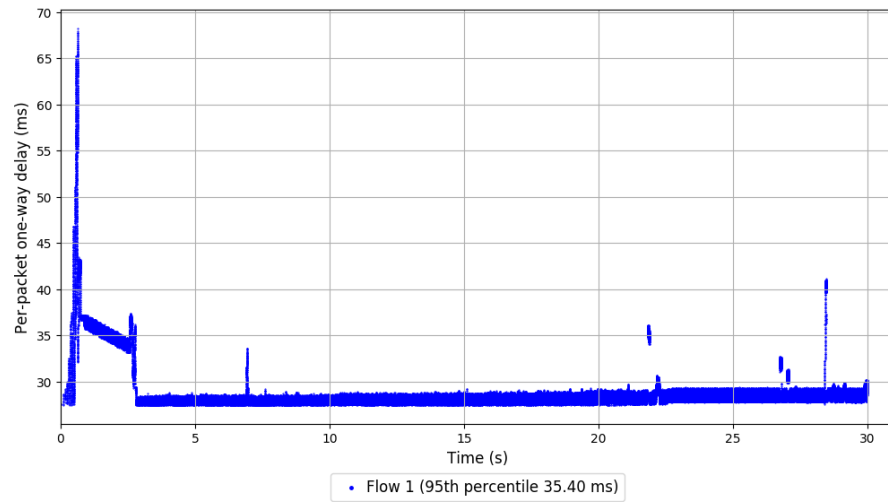
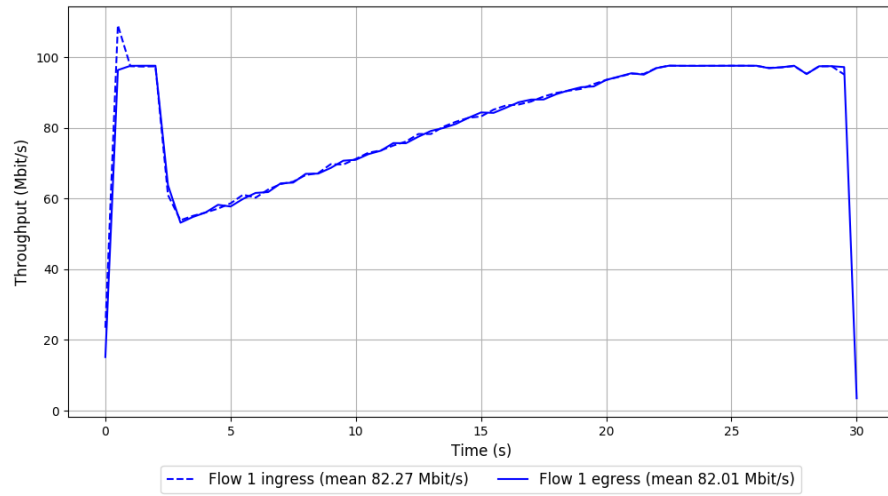


Run 7: Statistics of TCP Vegas

Start at: 2018-03-27 08:01:19
End at: 2018-03-27 08:01:49
Local clock offset: -0.225 ms
Remote clock offset: -5.691 ms

Below is generated by plot.py at 2018-03-27 09:59:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.01 Mbit/s
95th percentile per-packet one-way delay: 35.403 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 82.01 Mbit/s
95th percentile per-packet one-way delay: 35.403 ms
Loss rate: 0.31%

Run 7: Report of TCP Vegas — Data Link

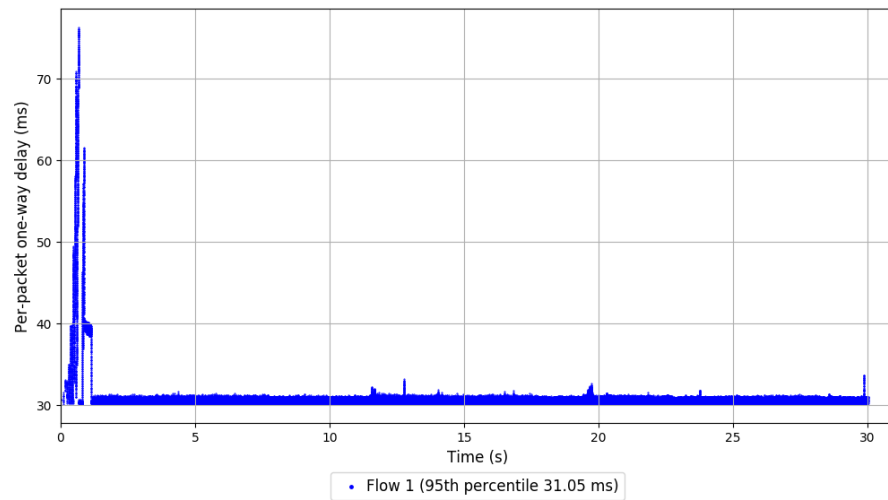
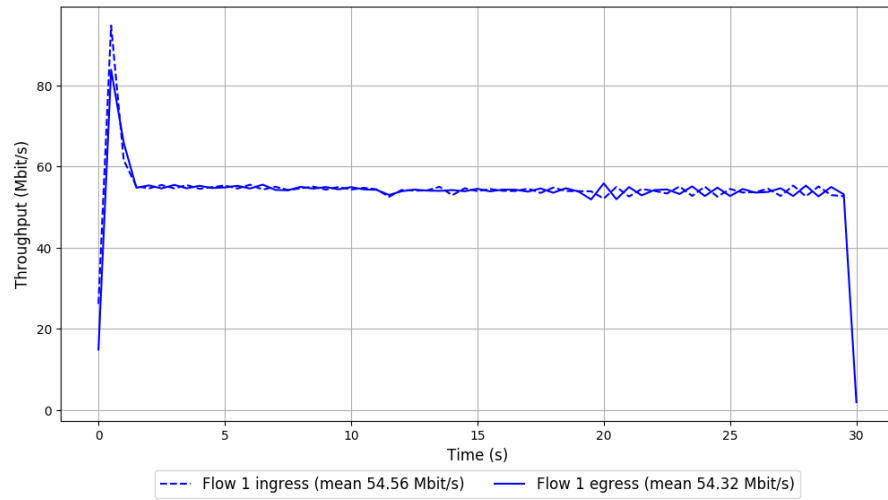


Run 8: Statistics of TCP Vegas

Start at: 2018-03-27 08:26:28
End at: 2018-03-27 08:26:58
Local clock offset: -0.221 ms
Remote clock offset: -1.212 ms

Below is generated by plot.py at 2018-03-27 09:59:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 54.32 Mbit/s
95th percentile per-packet one-way delay: 31.046 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 54.32 Mbit/s
95th percentile per-packet one-way delay: 31.046 ms
Loss rate: 0.44%

Run 8: Report of TCP Vegas — Data Link

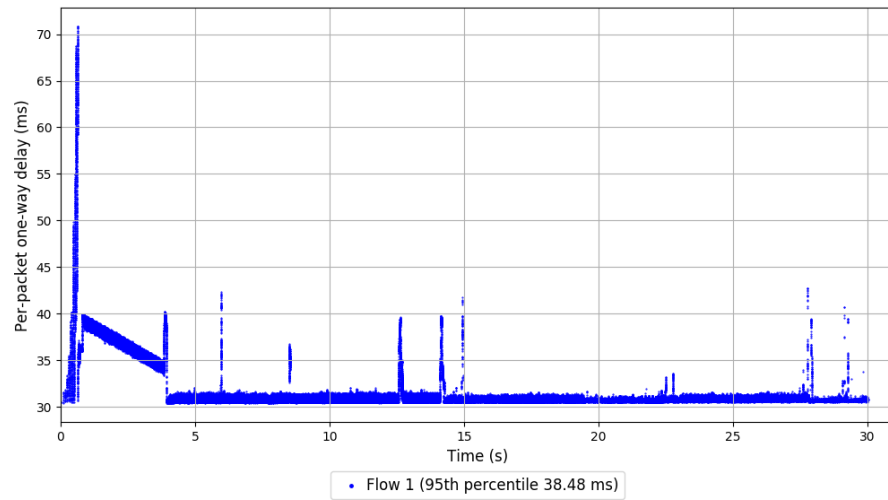
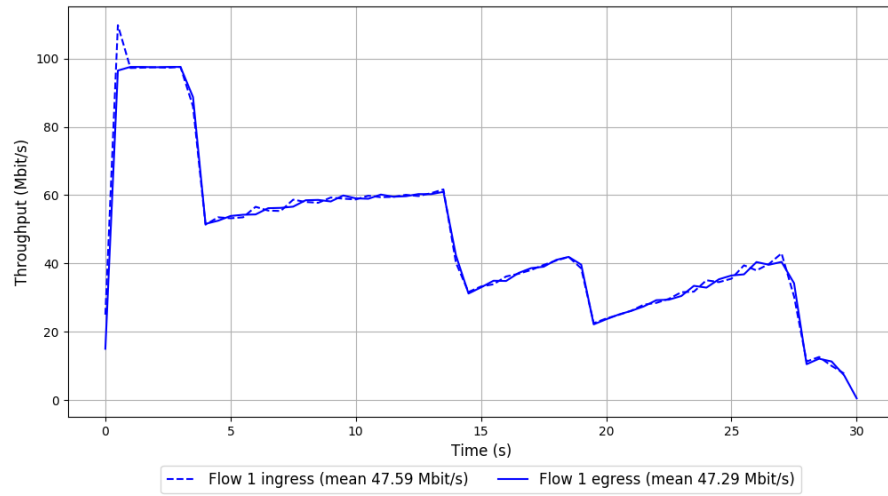


Run 9: Statistics of TCP Vegas

Start at: 2018-03-27 08:52:10
End at: 2018-03-27 08:52:40
Local clock offset: 1.256 ms
Remote clock offset: -2.027 ms

Below is generated by plot.py at 2018-03-27 09:59:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 47.29 Mbit/s
95th percentile per-packet one-way delay: 38.477 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 47.29 Mbit/s
95th percentile per-packet one-way delay: 38.477 ms
Loss rate: 0.62%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: 2018-03-27 09:16:39

End at: 2018-03-27 09:17:09

Local clock offset: 2.883 ms

Remote clock offset: -5.934 ms

Below is generated by plot.py at 2018-03-27 10:00:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.14 Mbit/s

95th percentile per-packet one-way delay: 35.289 ms

Loss rate: 0.00%

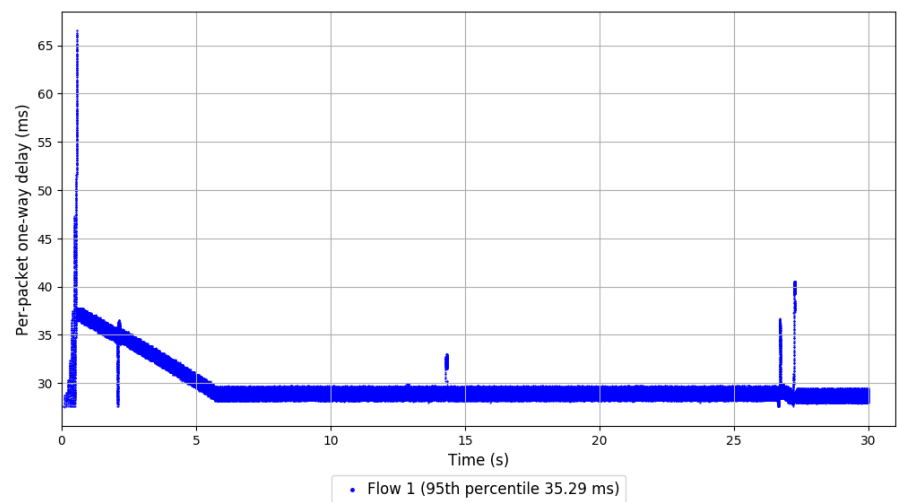
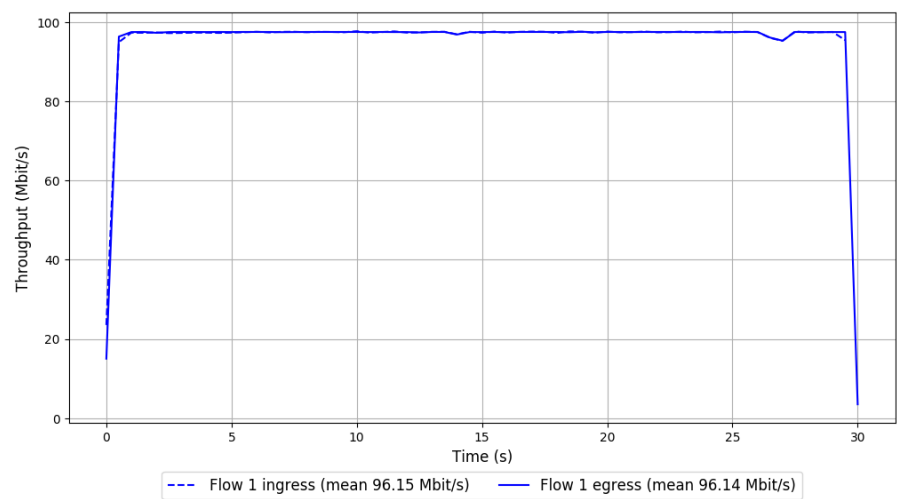
-- Flow 1:

Average throughput: 96.14 Mbit/s

95th percentile per-packet one-way delay: 35.289 ms

Loss rate: 0.00%

Run 10: Report of TCP Vegas — Data Link

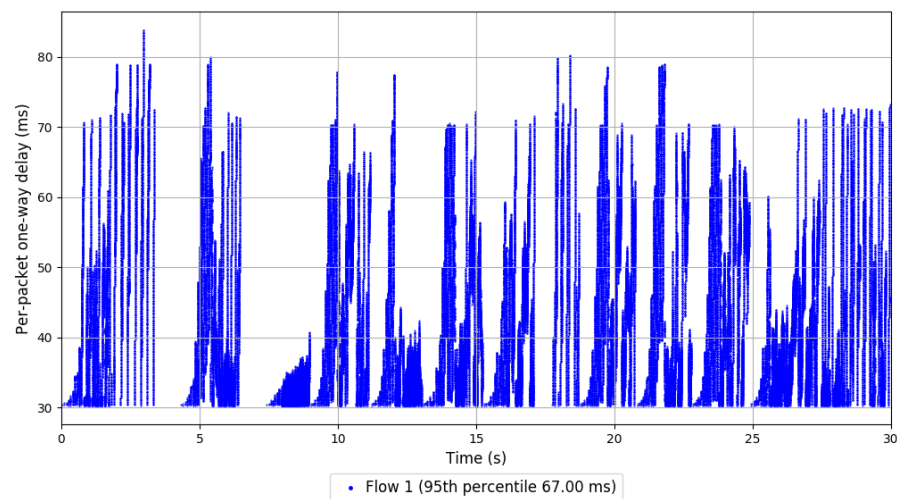
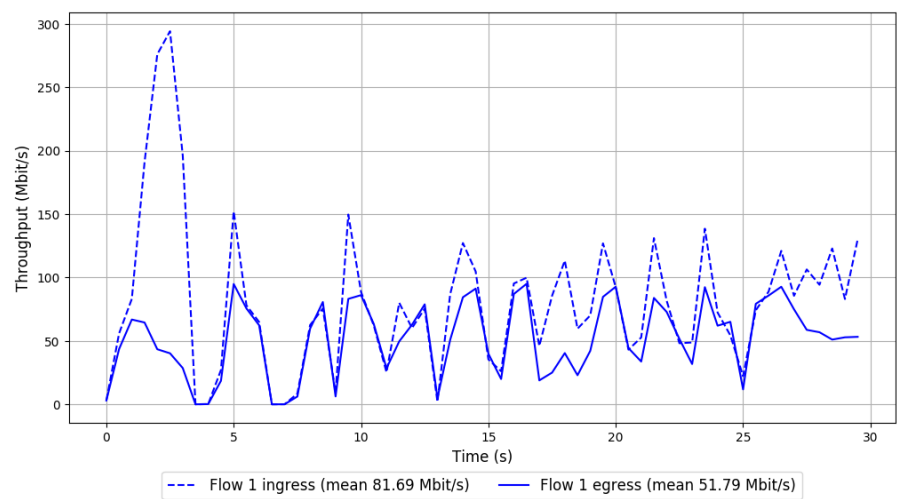


Run 1: Statistics of Verus

Start at: 2018-03-27 05:27:49
End at: 2018-03-27 05:28:19
Local clock offset: 0.229 ms
Remote clock offset: -4.896 ms

Below is generated by plot.py at 2018-03-27 10:00:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 51.79 Mbit/s
95th percentile per-packet one-way delay: 67.002 ms
Loss rate: 36.57%
-- Flow 1:
Average throughput: 51.79 Mbit/s
95th percentile per-packet one-way delay: 67.002 ms
Loss rate: 36.57%

Run 1: Report of Verus — Data Link

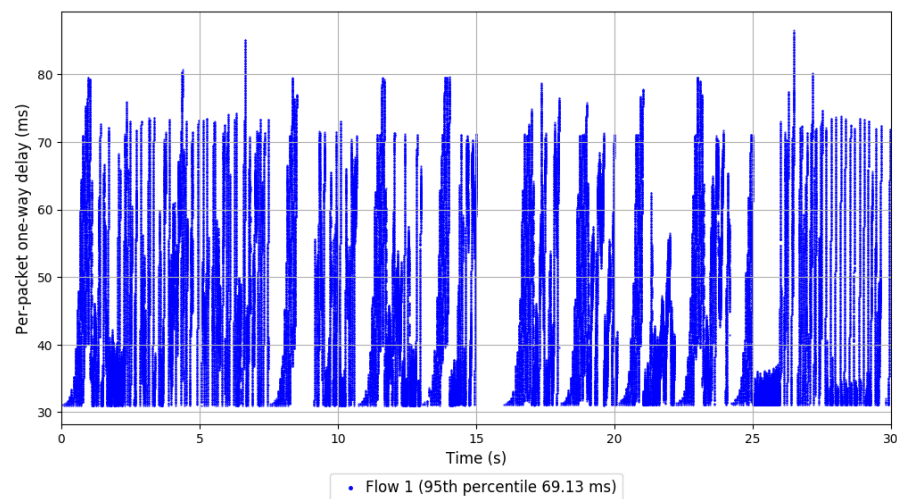
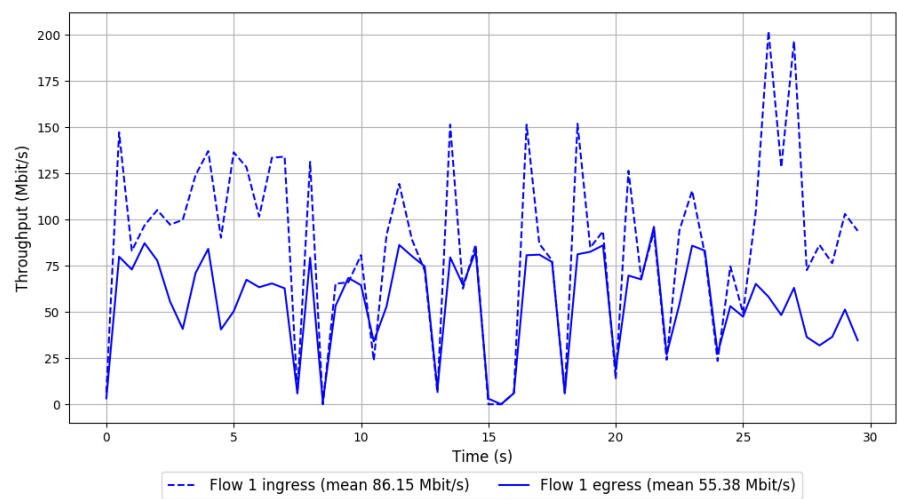


Run 2: Statistics of Verus

Start at: 2018-03-27 05:54:55
End at: 2018-03-27 05:55:25
Local clock offset: 0.385 ms
Remote clock offset: -4.688 ms

Below is generated by plot.py at 2018-03-27 10:00:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 55.38 Mbit/s
95th percentile per-packet one-way delay: 69.126 ms
Loss rate: 35.69%
-- Flow 1:
Average throughput: 55.38 Mbit/s
95th percentile per-packet one-way delay: 69.126 ms
Loss rate: 35.69%

Run 2: Report of Verus — Data Link

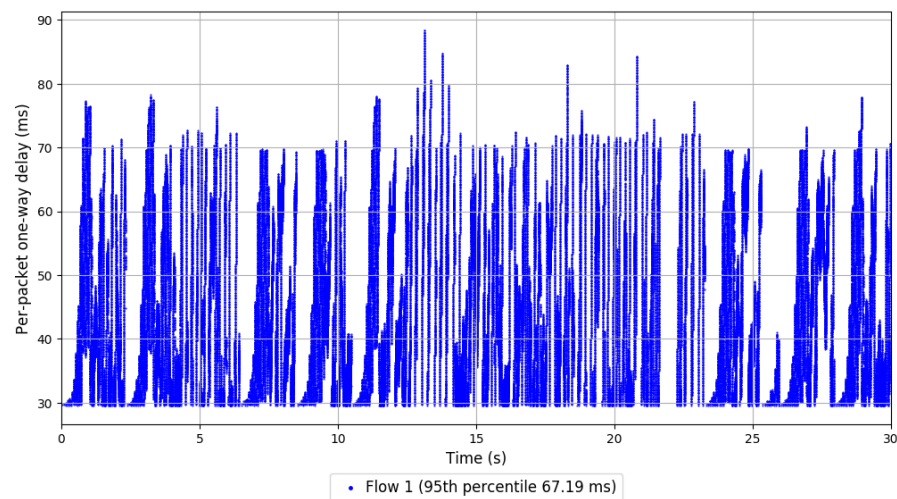
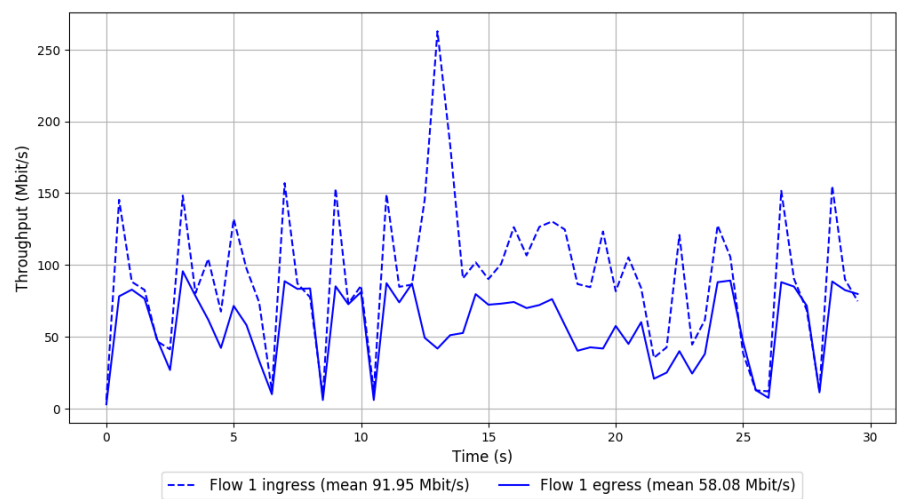


Run 3: Statistics of Verus

Start at: 2018-03-27 06:21:56
End at: 2018-03-27 06:22:26
Local clock offset: 3.124 ms
Remote clock offset: -0.384 ms

Below is generated by plot.py at 2018-03-27 10:00:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 58.08 Mbit/s
95th percentile per-packet one-way delay: 67.195 ms
Loss rate: 36.75%
-- Flow 1:
Average throughput: 58.08 Mbit/s
95th percentile per-packet one-way delay: 67.195 ms
Loss rate: 36.75%

Run 3: Report of Verus — Data Link

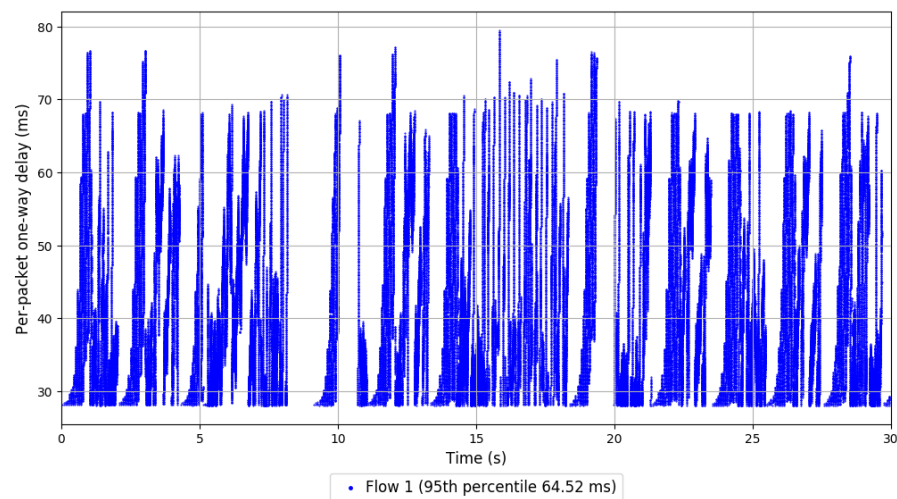
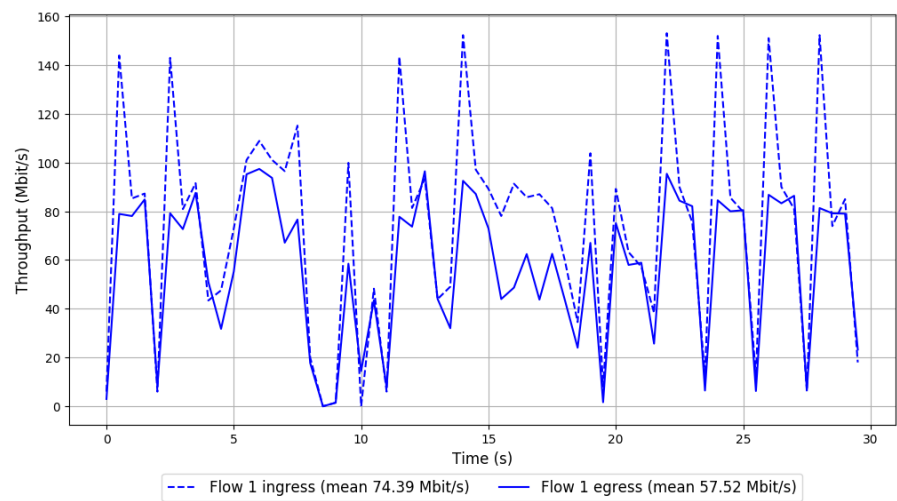


Run 4: Statistics of Verus

Start at: 2018-03-27 06:49:19
End at: 2018-03-27 06:49:49
Local clock offset: -0.382 ms
Remote clock offset: -1.389 ms

Below is generated by plot.py at 2018-03-27 10:00:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 57.52 Mbit/s
95th percentile per-packet one-way delay: 64.517 ms
Loss rate: 22.67%
-- Flow 1:
Average throughput: 57.52 Mbit/s
95th percentile per-packet one-way delay: 64.517 ms
Loss rate: 22.67%

Run 4: Report of Verus — Data Link

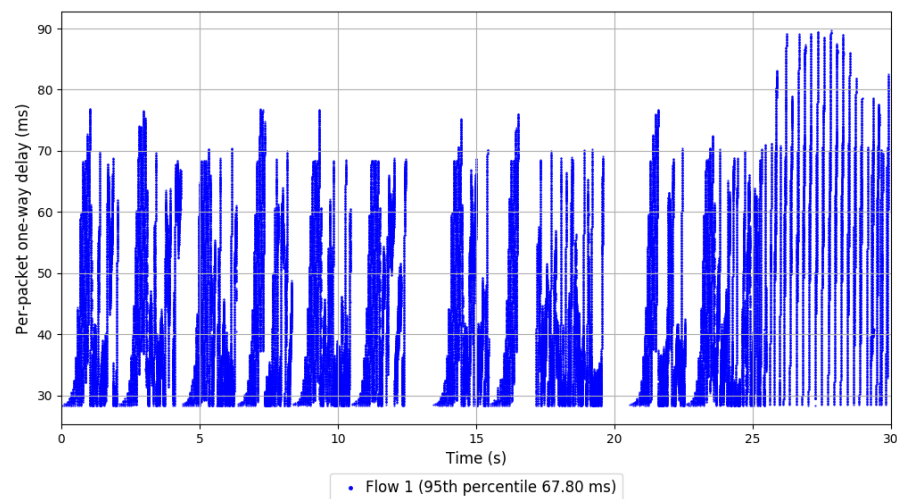
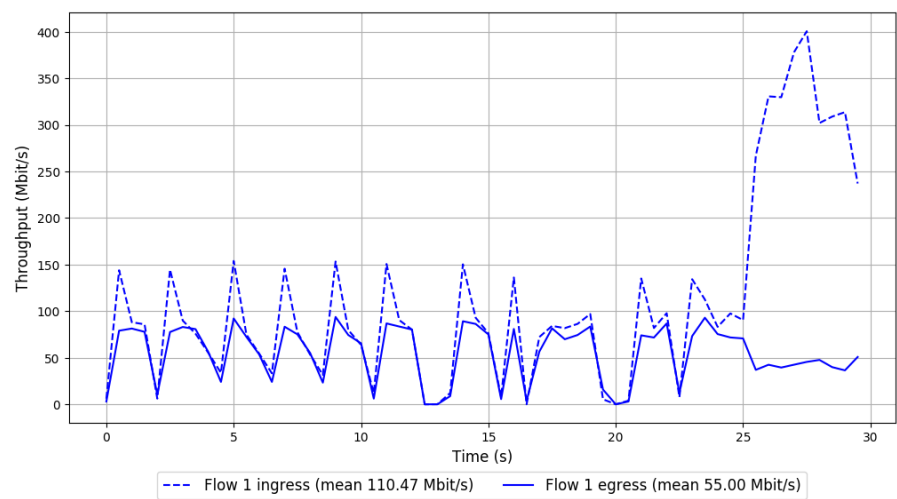


Run 5: Statistics of Verus

Start at: 2018-03-27 07:15:34
End at: 2018-03-27 07:16:04
Local clock offset: 1.218 ms
Remote clock offset: -1.691 ms

Below is generated by plot.py at 2018-03-27 10:00:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 55.00 Mbit/s
95th percentile per-packet one-way delay: 67.796 ms
Loss rate: 50.18%
-- Flow 1:
Average throughput: 55.00 Mbit/s
95th percentile per-packet one-way delay: 67.796 ms
Loss rate: 50.18%

Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: 2018-03-27 07:41:27

End at: 2018-03-27 07:41:57

Local clock offset: 0.934 ms

Remote clock offset: 0.086 ms

Below is generated by plot.py at 2018-03-27 10:00:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 56.48 Mbit/s

95th percentile per-packet one-way delay: 70.648 ms

Loss rate: 47.47%

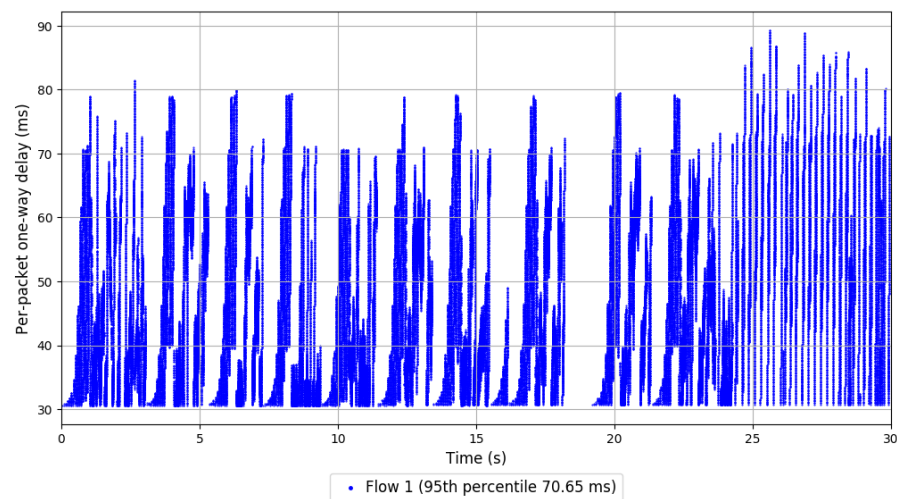
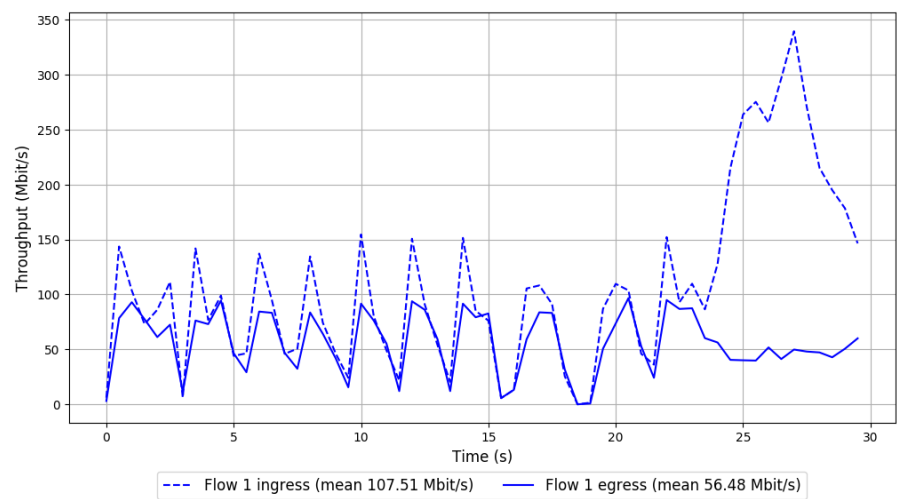
-- Flow 1:

Average throughput: 56.48 Mbit/s

95th percentile per-packet one-way delay: 70.648 ms

Loss rate: 47.47%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: 2018-03-27 08:06:42

End at: 2018-03-27 08:07:12

Local clock offset: -0.385 ms

Remote clock offset: -3.88 ms

Below is generated by plot.py at 2018-03-27 10:00:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 59.53 Mbit/s

95th percentile per-packet one-way delay: 65.918 ms

Loss rate: 27.09%

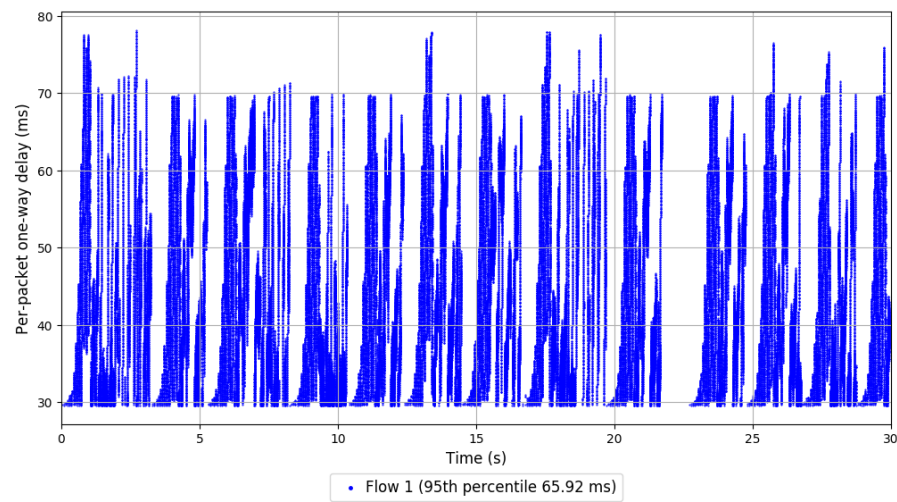
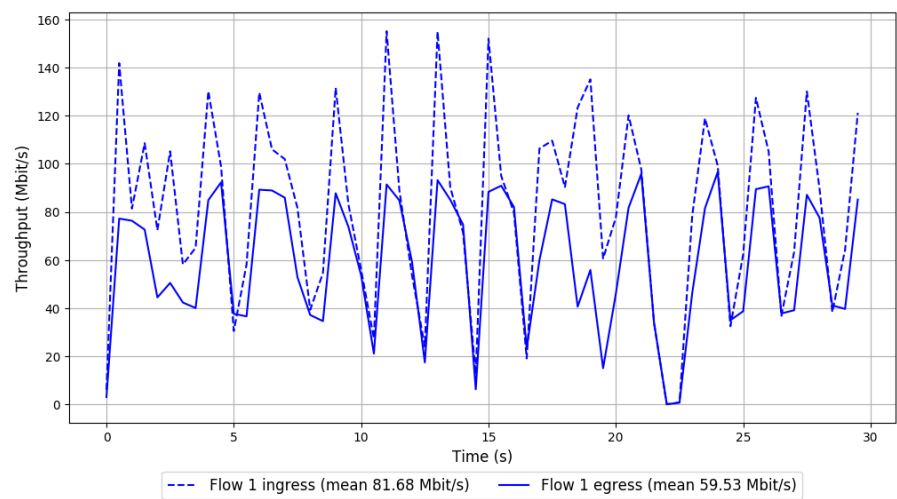
-- Flow 1:

Average throughput: 59.53 Mbit/s

95th percentile per-packet one-way delay: 65.918 ms

Loss rate: 27.09%

Run 7: Report of Verus — Data Link

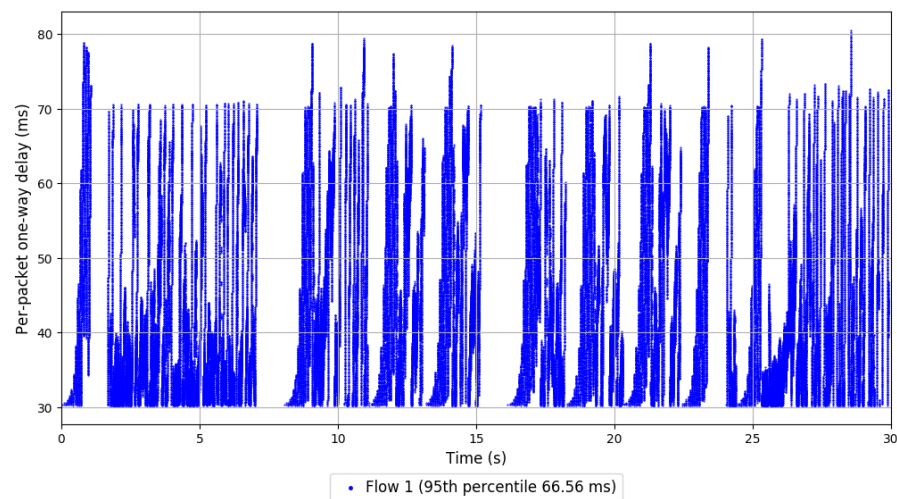
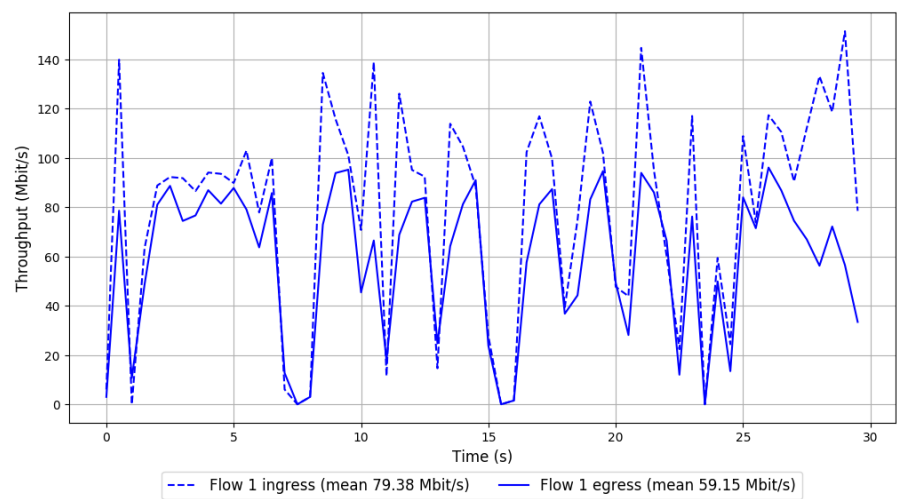


Run 8: Statistics of Verus

Start at: 2018-03-27 08:31:56
End at: 2018-03-27 08:32:26
Local clock offset: -0.147 ms
Remote clock offset: -1.434 ms

Below is generated by plot.py at 2018-03-27 10:00:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 59.15 Mbit/s
95th percentile per-packet one-way delay: 66.565 ms
Loss rate: 25.45%
-- Flow 1:
Average throughput: 59.15 Mbit/s
95th percentile per-packet one-way delay: 66.565 ms
Loss rate: 25.45%

Run 8: Report of Verus — Data Link

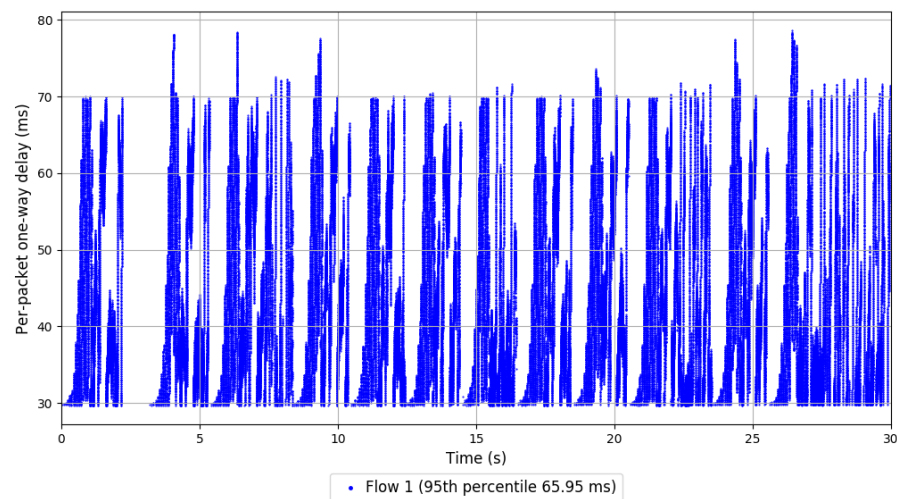
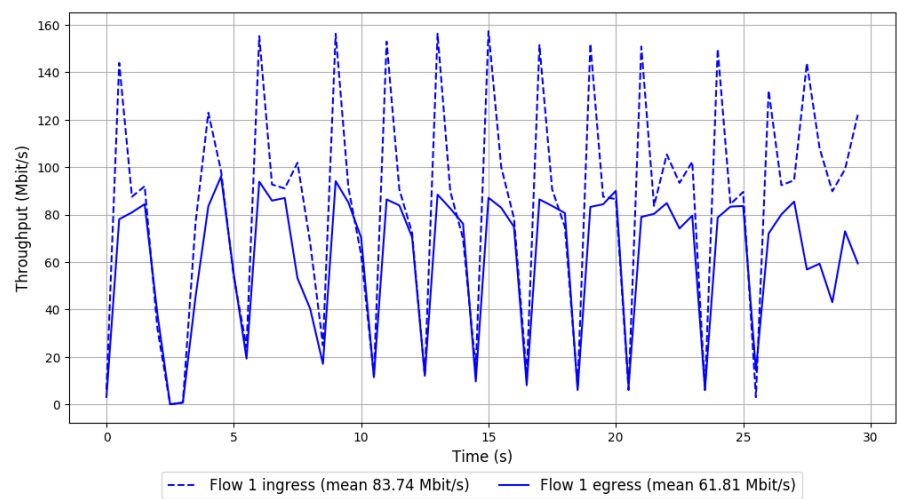


Run 9: Statistics of Verus

Start at: 2018-03-27 08:57:29
End at: 2018-03-27 08:57:59
Local clock offset: 1.841 ms
Remote clock offset: -2.415 ms

Below is generated by plot.py at 2018-03-27 10:01:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 61.81 Mbit/s
95th percentile per-packet one-way delay: 65.947 ms
Loss rate: 26.12%
-- Flow 1:
Average throughput: 61.81 Mbit/s
95th percentile per-packet one-way delay: 65.947 ms
Loss rate: 26.12%

Run 9: Report of Verus — Data Link

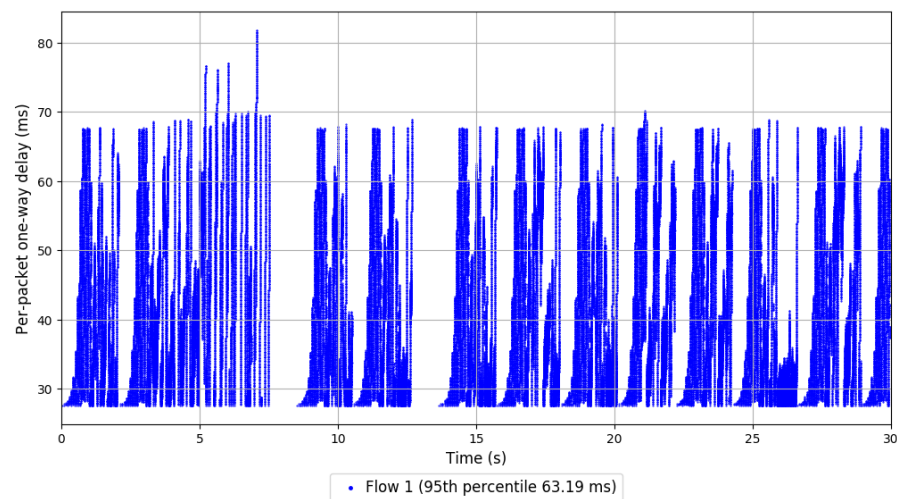
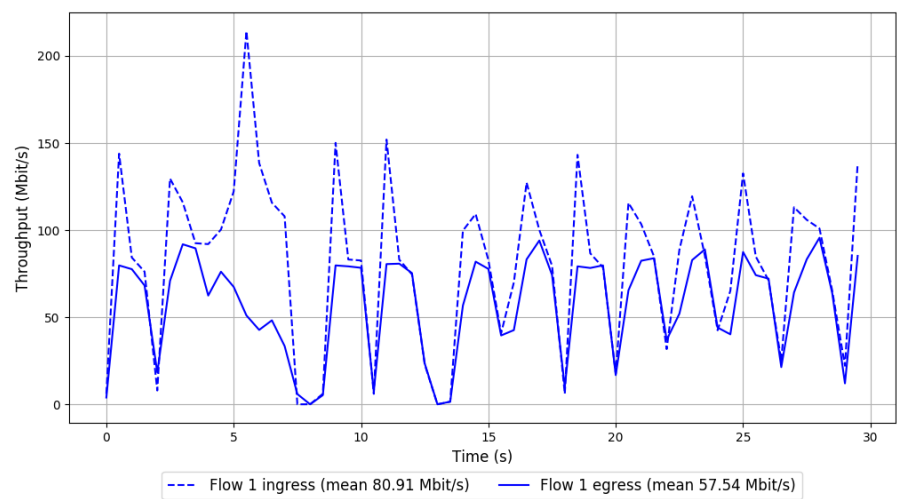


Run 10: Statistics of Verus

Start at: 2018-03-27 09:22:01
End at: 2018-03-27 09:22:31
Local clock offset: 3.728 ms
Remote clock offset: -5.954 ms

Below is generated by plot.py at 2018-03-27 10:01:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 57.54 Mbit/s
95th percentile per-packet one-way delay: 63.194 ms
Loss rate: 28.85%
-- Flow 1:
Average throughput: 57.54 Mbit/s
95th percentile per-packet one-way delay: 63.194 ms
Loss rate: 28.85%

Run 10: Report of Verus — Data Link

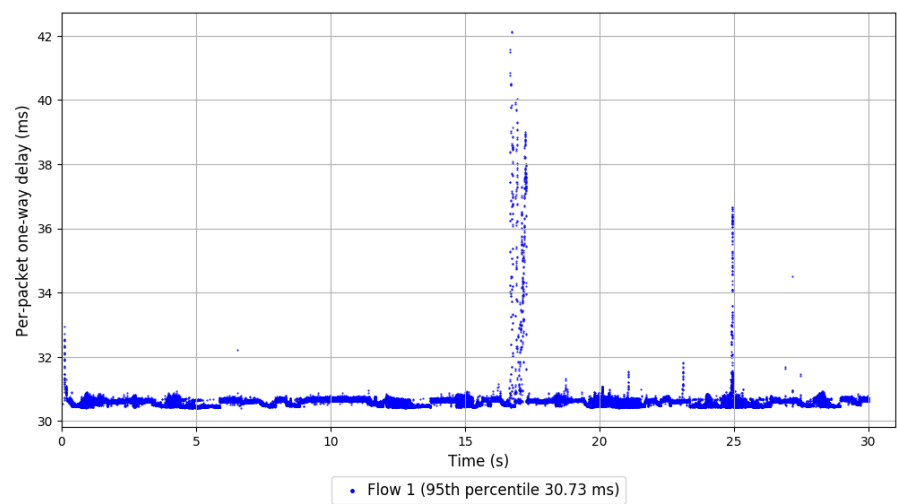
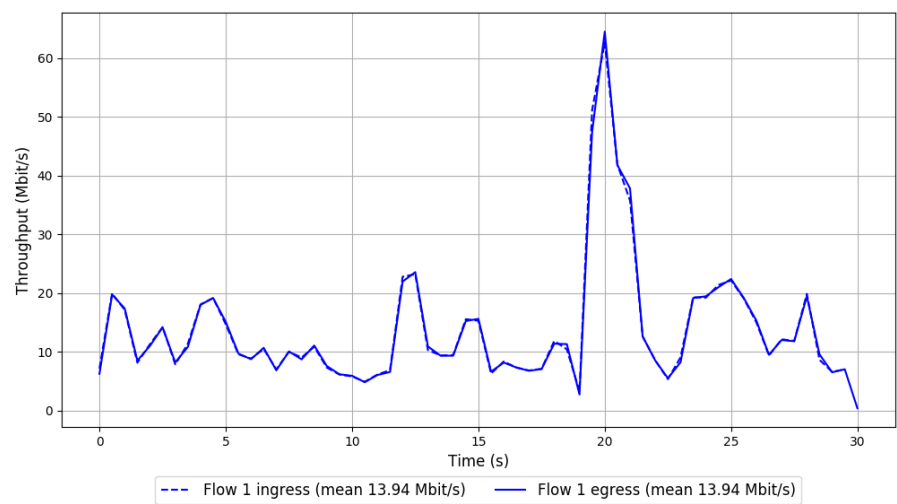


Run 1: Statistics of Copa

Start at: 2018-03-27 05:17:15
End at: 2018-03-27 05:17:45
Local clock offset: 0.189 ms
Remote clock offset: -5.077 ms

Below is generated by plot.py at 2018-03-27 10:01:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 13.94 Mbit/s
95th percentile per-packet one-way delay: 30.725 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 13.94 Mbit/s
95th percentile per-packet one-way delay: 30.725 ms
Loss rate: 0.03%

Run 1: Report of Copa — Data Link

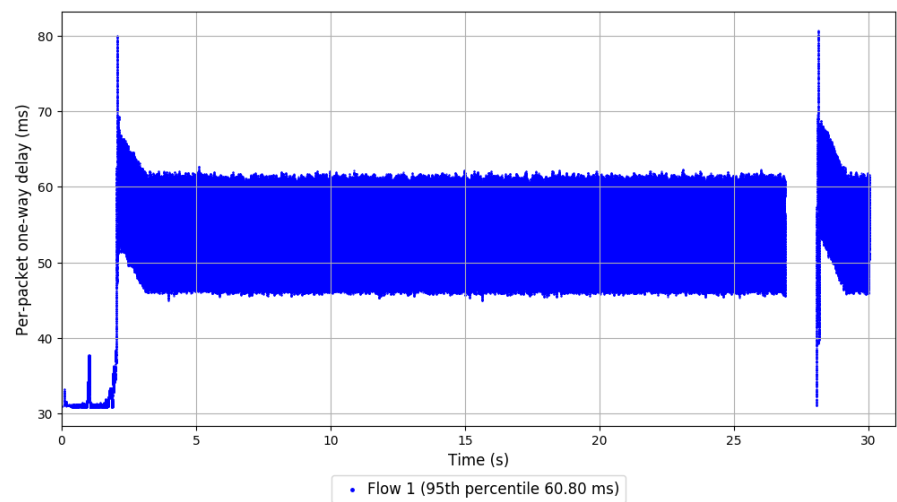
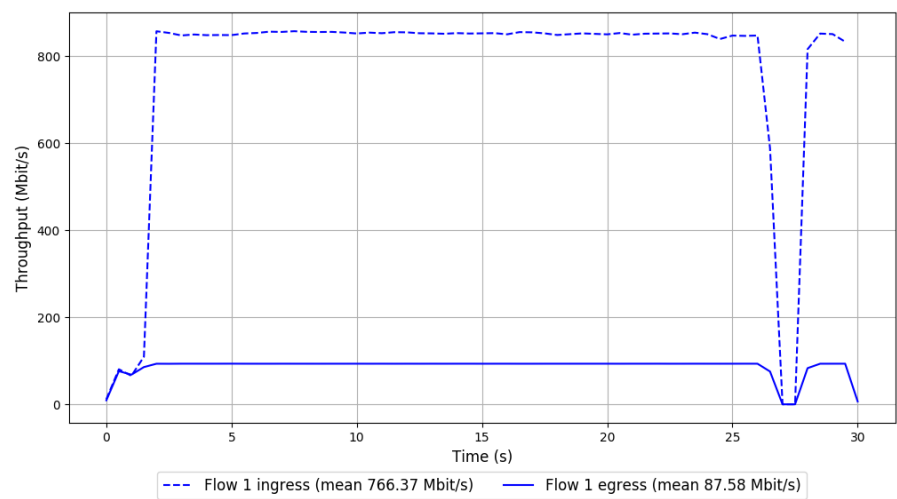


Run 2: Statistics of Copa

Start at: 2018-03-27 05:44:19
End at: 2018-03-27 05:44:49
Local clock offset: 0.063 ms
Remote clock offset: -4.361 ms

Below is generated by plot.py at 2018-03-27 10:08:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.58 Mbit/s
95th percentile per-packet one-way delay: 60.795 ms
Loss rate: 88.57%
-- Flow 1:
Average throughput: 87.58 Mbit/s
95th percentile per-packet one-way delay: 60.795 ms
Loss rate: 88.57%

Run 2: Report of Copa — Data Link

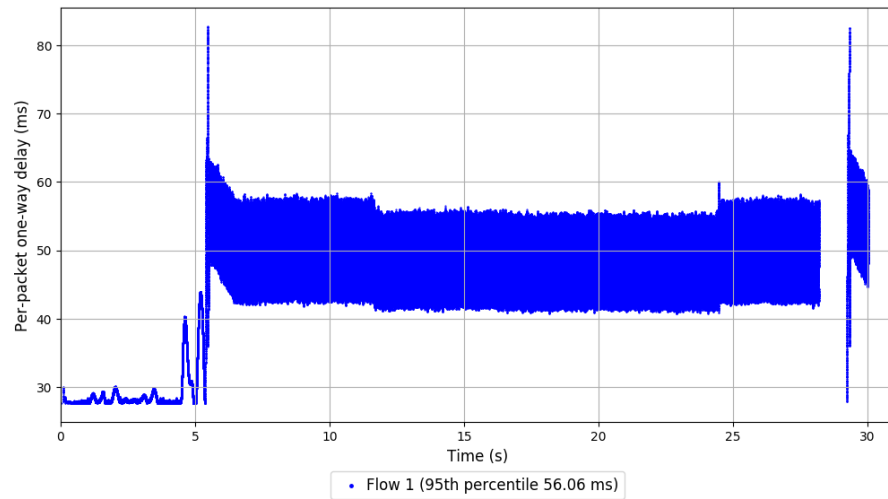
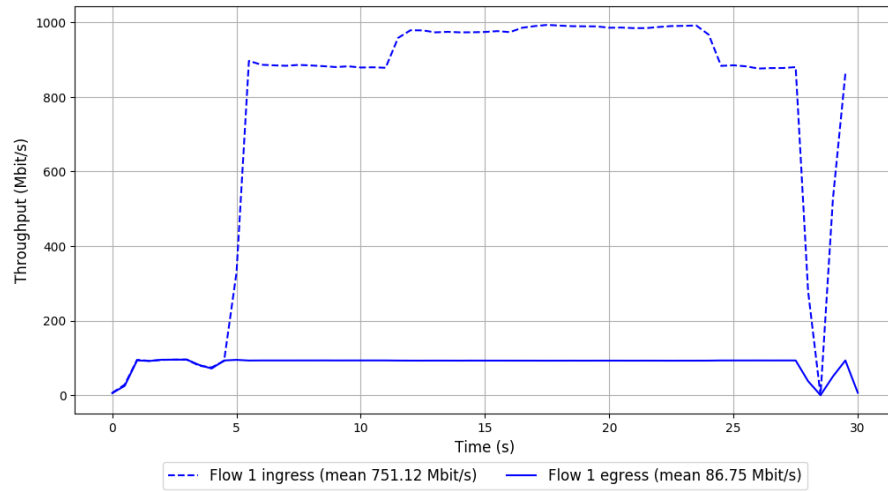


Run 3: Statistics of Copa

Start at: 2018-03-27 06:11:19
End at: 2018-03-27 06:11:49
Local clock offset: 2.553 ms
Remote clock offset: -3.838 ms

Below is generated by plot.py at 2018-03-27 10:08:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.75 Mbit/s
95th percentile per-packet one-way delay: 56.063 ms
Loss rate: 88.44%
-- Flow 1:
Average throughput: 86.75 Mbit/s
95th percentile per-packet one-way delay: 56.063 ms
Loss rate: 88.44%

Run 3: Report of Copa — Data Link

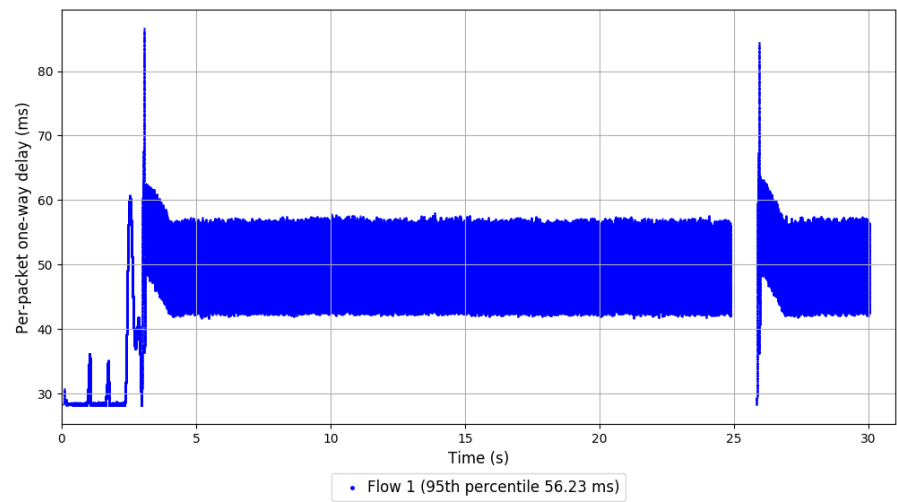
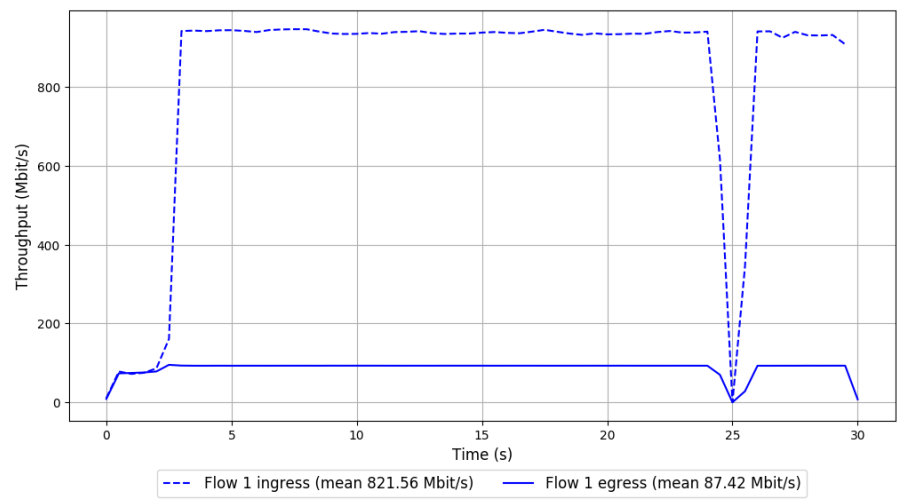


Run 4: Statistics of Copa

Start at: 2018-03-27 06:38:31
End at: 2018-03-27 06:39:01
Local clock offset: 0.687 ms
Remote clock offset: -1.806 ms

Below is generated by plot.py at 2018-03-27 10:09:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.42 Mbit/s
95th percentile per-packet one-way delay: 56.233 ms
Loss rate: 89.35%
-- Flow 1:
Average throughput: 87.42 Mbit/s
95th percentile per-packet one-way delay: 56.233 ms
Loss rate: 89.35%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: 2018-03-27 07:05:49

End at: 2018-03-27 07:06:19

Local clock offset: 0.012 ms

Remote clock offset: 1.601 ms

Below is generated by plot.py at 2018-03-27 10:09:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.22 Mbit/s

95th percentile per-packet one-way delay: 36.256 ms

Loss rate: 0.09%

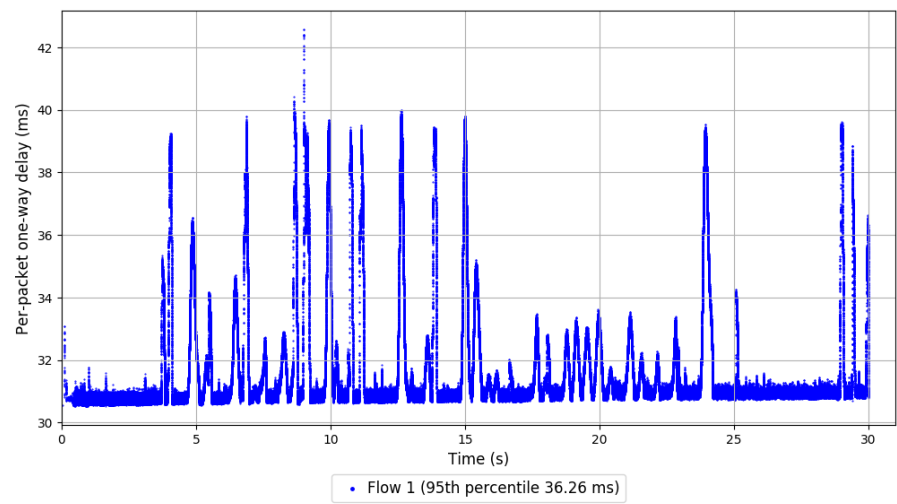
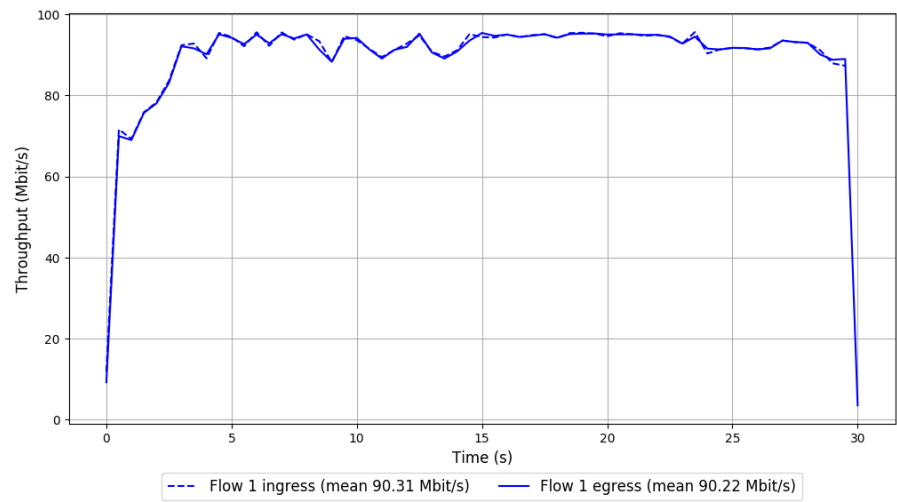
-- Flow 1:

Average throughput: 90.22 Mbit/s

95th percentile per-packet one-way delay: 36.256 ms

Loss rate: 0.09%

Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: 2018-03-27 07:31:19

End at: 2018-03-27 07:31:49

Local clock offset: 1.828 ms

Remote clock offset: 0.725 ms

Below is generated by plot.py at 2018-03-27 10:09:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.07 Mbit/s

95th percentile per-packet one-way delay: 59.887 ms

Loss rate: 87.98%

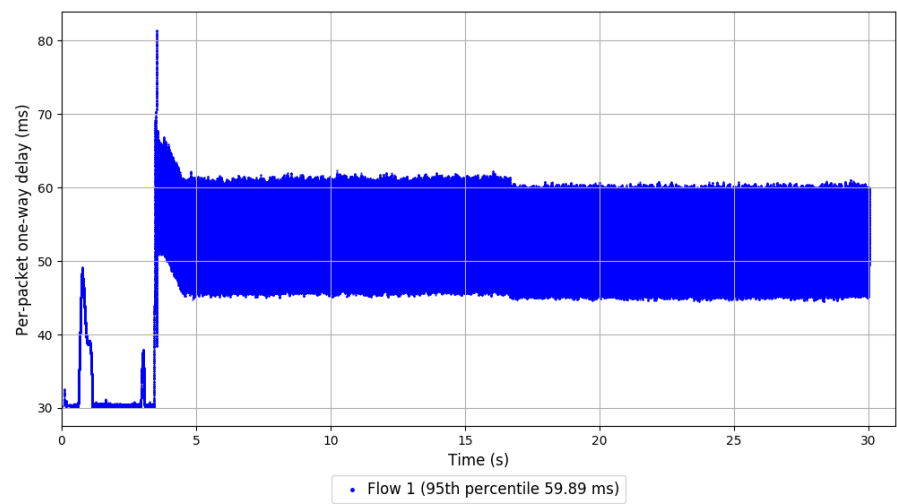
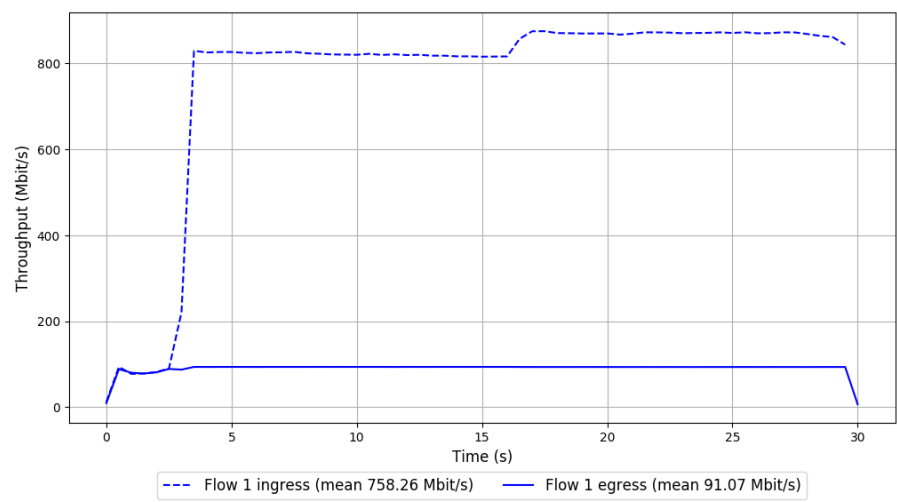
-- Flow 1:

Average throughput: 91.07 Mbit/s

95th percentile per-packet one-way delay: 59.887 ms

Loss rate: 87.98%

Run 6: Report of Copa — Data Link

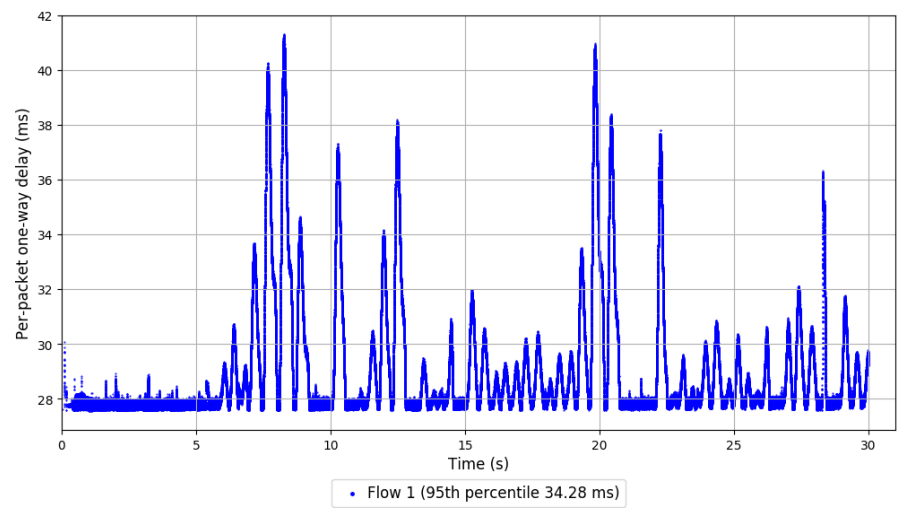
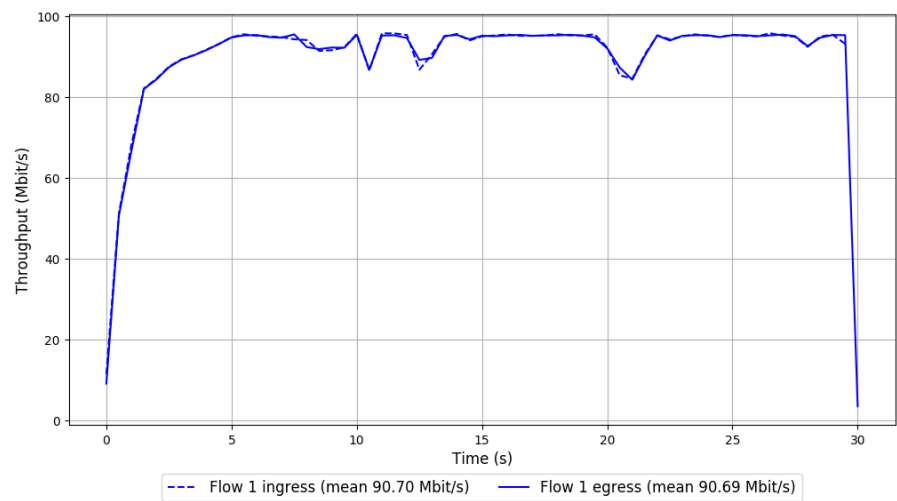


Run 7: Statistics of Copa

Start at: 2018-03-27 07:57:08
End at: 2018-03-27 07:57:38
Local clock offset: -0.176 ms
Remote clock offset: -5.374 ms

Below is generated by plot.py at 2018-03-27 10:09:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.69 Mbit/s
95th percentile per-packet one-way delay: 34.281 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 90.69 Mbit/s
95th percentile per-packet one-way delay: 34.281 ms
Loss rate: 0.00%

Run 7: Report of Copa — Data Link

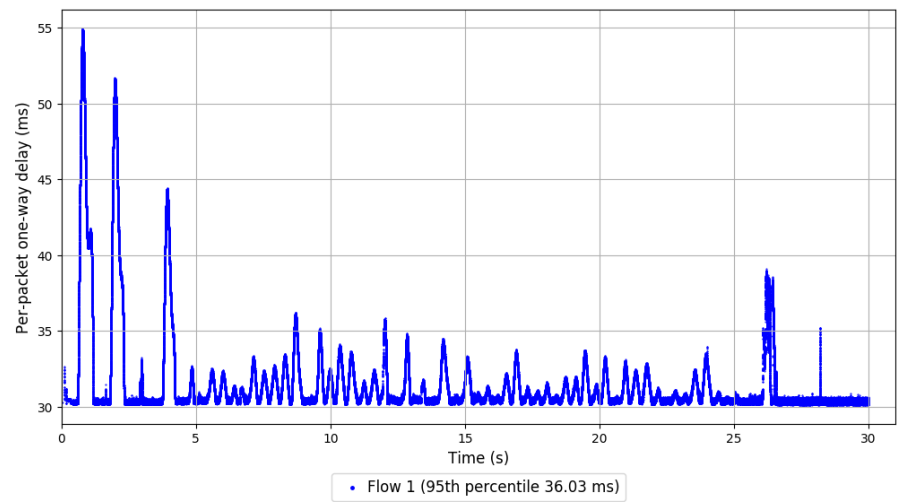
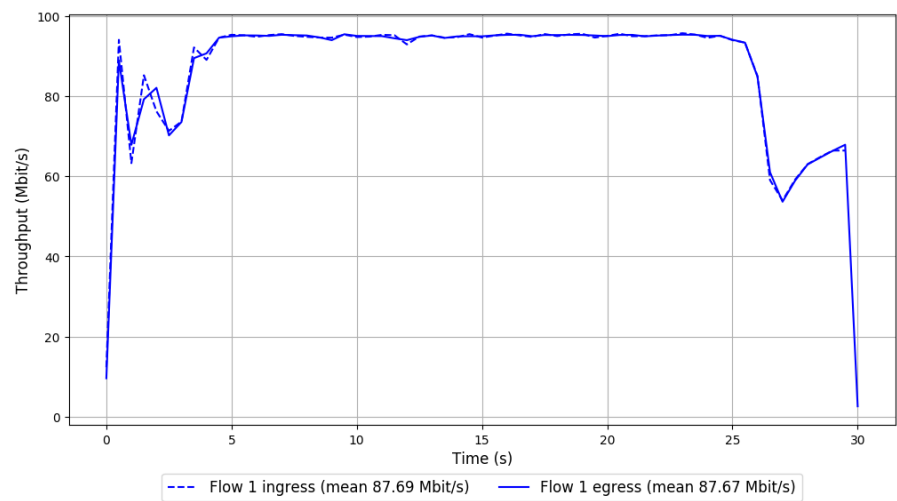


Run 8: Statistics of Copa

Start at: 2018-03-27 08:22:19
End at: 2018-03-27 08:22:49
Local clock offset: -0.24 ms
Remote clock offset: -1.569 ms

Below is generated by plot.py at 2018-03-27 10:09:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.67 Mbit/s
95th percentile per-packet one-way delay: 36.028 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 87.67 Mbit/s
95th percentile per-packet one-way delay: 36.028 ms
Loss rate: 0.01%

Run 8: Report of Copa — Data Link

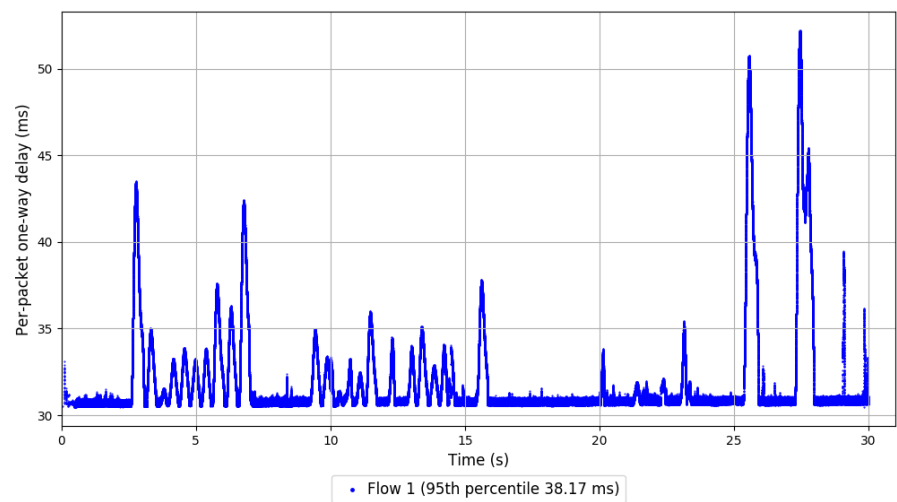
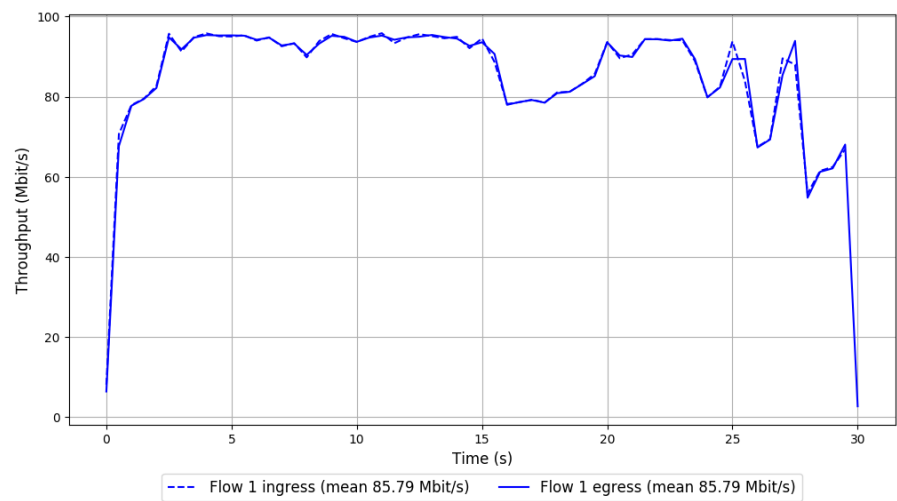


Run 9: Statistics of Copa

Start at: 2018-03-27 08:47:48
End at: 2018-03-27 08:48:18
Local clock offset: 0.569 ms
Remote clock offset: -1.586 ms

Below is generated by plot.py at 2018-03-27 10:09:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 85.79 Mbit/s
95th percentile per-packet one-way delay: 38.168 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 85.79 Mbit/s
95th percentile per-packet one-way delay: 38.168 ms
Loss rate: 0.01%

Run 9: Report of Copa — Data Link

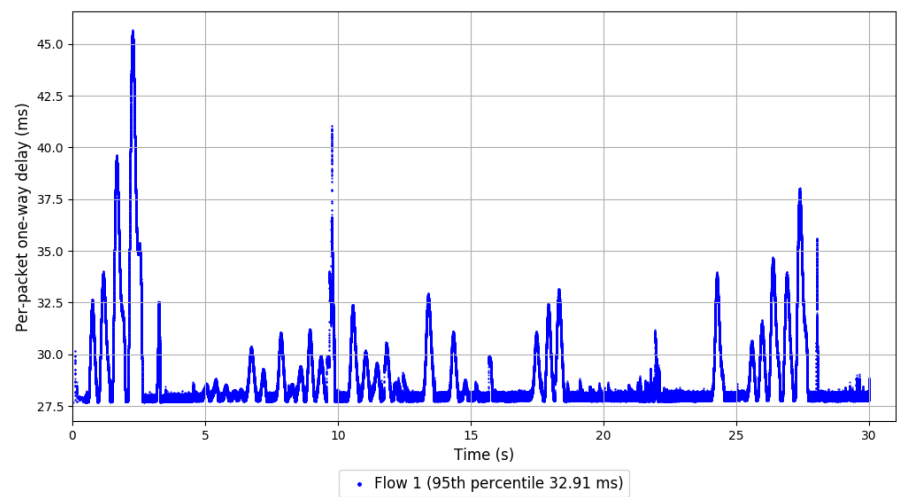
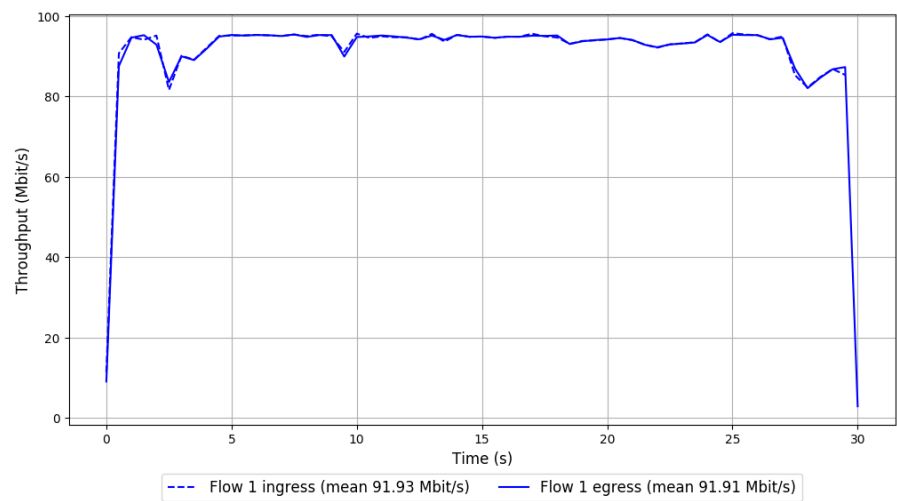


Run 10: Statistics of Copa

Start at: 2018-03-27 09:12:37
End at: 2018-03-27 09:13:07
Local clock offset: 2.631 ms
Remote clock offset: -5.594 ms

Below is generated by plot.py at 2018-03-27 10:09:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.91 Mbit/s
95th percentile per-packet one-way delay: 32.912 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 91.91 Mbit/s
95th percentile per-packet one-way delay: 32.912 ms
Loss rate: 0.02%

Run 10: Report of Copa — Data Link

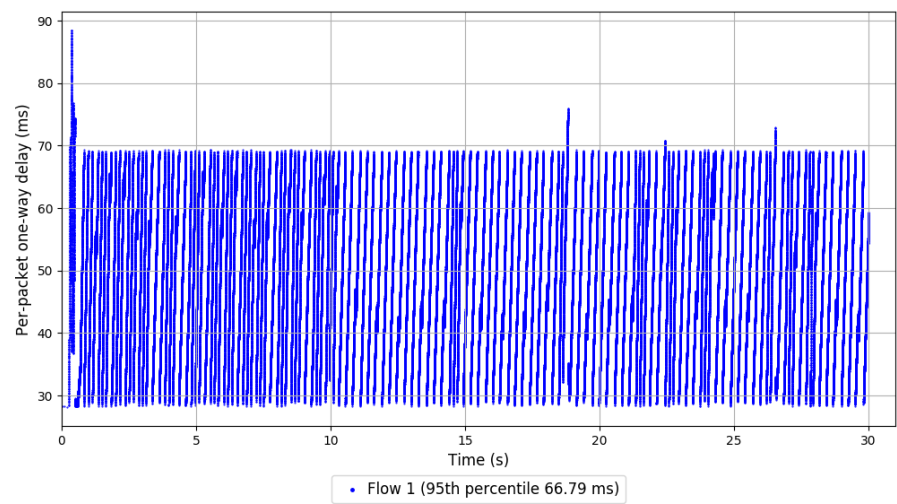
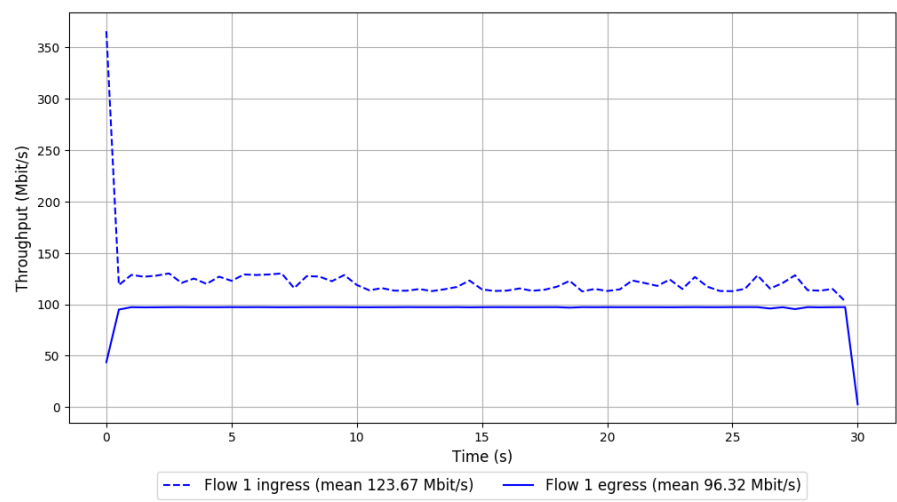


Run 1: Statistics of FillP

Start at: 2018-03-27 05:32:26
End at: 2018-03-27 05:32:56
Local clock offset: 0.126 ms
Remote clock offset: -6.922 ms

Below is generated by plot.py at 2018-03-27 10:09:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.32 Mbit/s
95th percentile per-packet one-way delay: 66.790 ms
Loss rate: 22.03%
-- Flow 1:
Average throughput: 96.32 Mbit/s
95th percentile per-packet one-way delay: 66.790 ms
Loss rate: 22.03%

Run 1: Report of FillP — Data Link

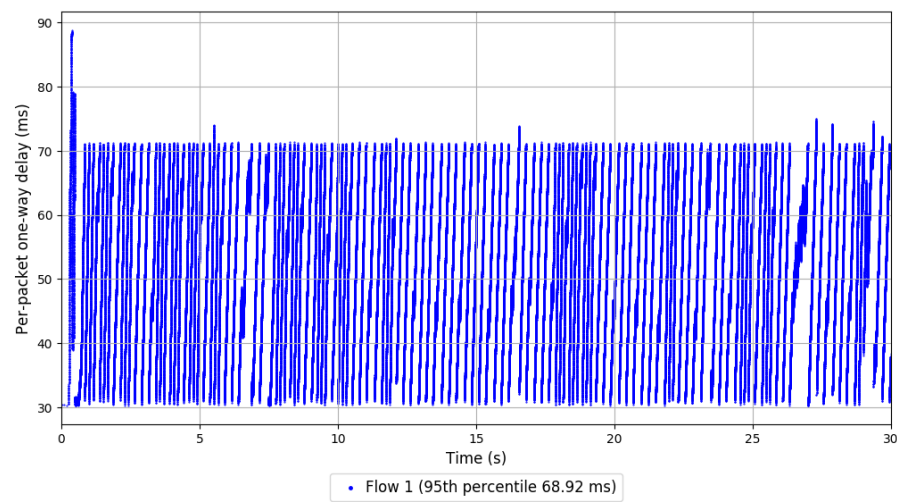
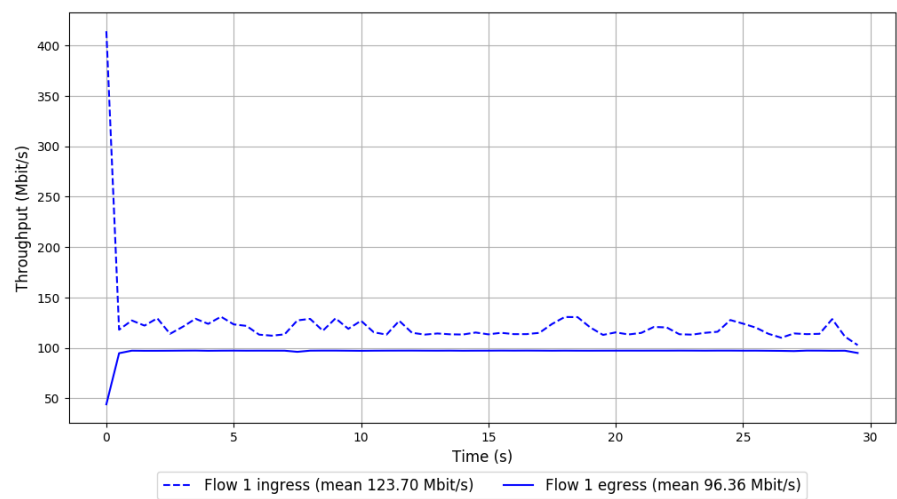


Run 2: Statistics of FillP

Start at: 2018-03-27 05:59:23
End at: 2018-03-27 05:59:53
Local clock offset: 1.401 ms
Remote clock offset: -4.044 ms

Below is generated by plot.py at 2018-03-27 10:09:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.36 Mbit/s
95th percentile per-packet one-way delay: 68.919 ms
Loss rate: 22.09%
-- Flow 1:
Average throughput: 96.36 Mbit/s
95th percentile per-packet one-way delay: 68.919 ms
Loss rate: 22.09%

Run 2: Report of FillP — Data Link



Run 3: Statistics of FillP

Start at: 2018-03-27 06:26:26

End at: 2018-03-27 06:26:56

Local clock offset: 3.294 ms

Remote clock offset: 0.288 ms

Below is generated by plot.py at 2018-03-27 10:09:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.40 Mbit/s

95th percentile per-packet one-way delay: 69.168 ms

Loss rate: 21.86%

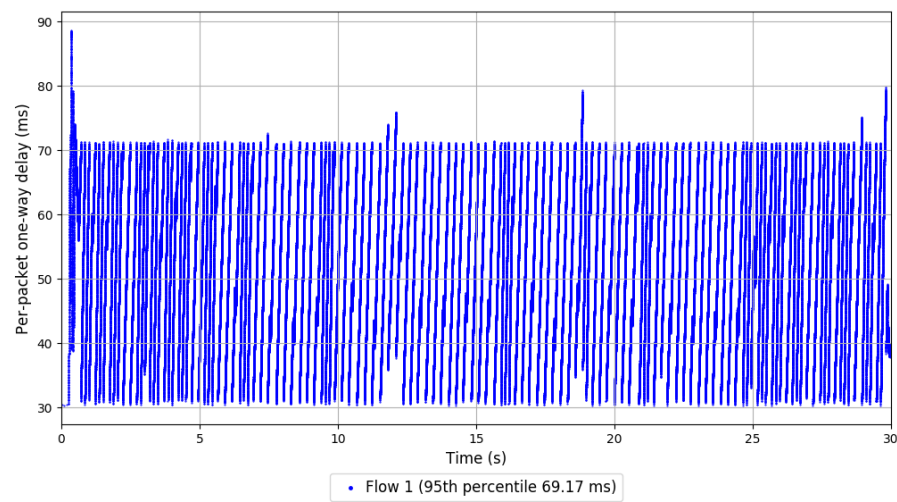
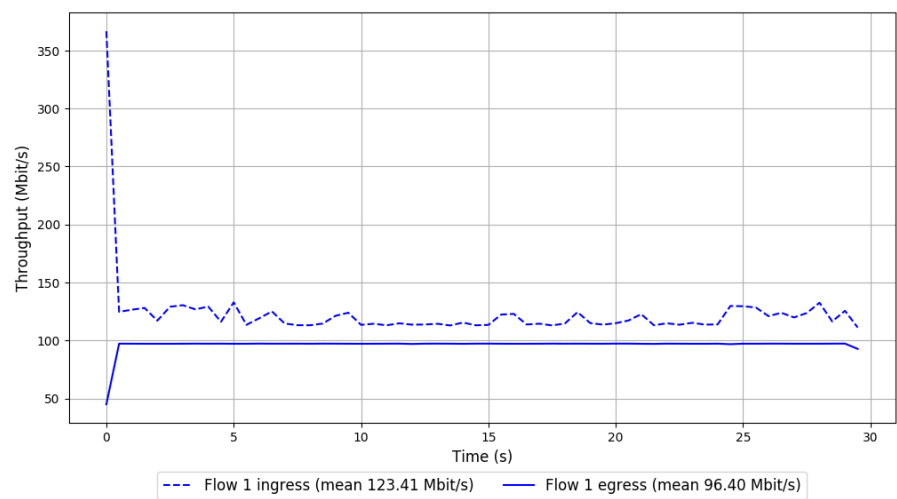
-- Flow 1:

Average throughput: 96.40 Mbit/s

95th percentile per-packet one-way delay: 69.168 ms

Loss rate: 21.86%

Run 3: Report of FillP — Data Link



Run 4: Statistics of FillP

Start at: 2018-03-27 06:53:48

End at: 2018-03-27 06:54:18

Local clock offset: -0.741 ms

Remote clock offset: 1.203 ms

Below is generated by plot.py at 2018-03-27 10:09:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.46 Mbit/s

95th percentile per-packet one-way delay: 68.448 ms

Loss rate: 22.75%

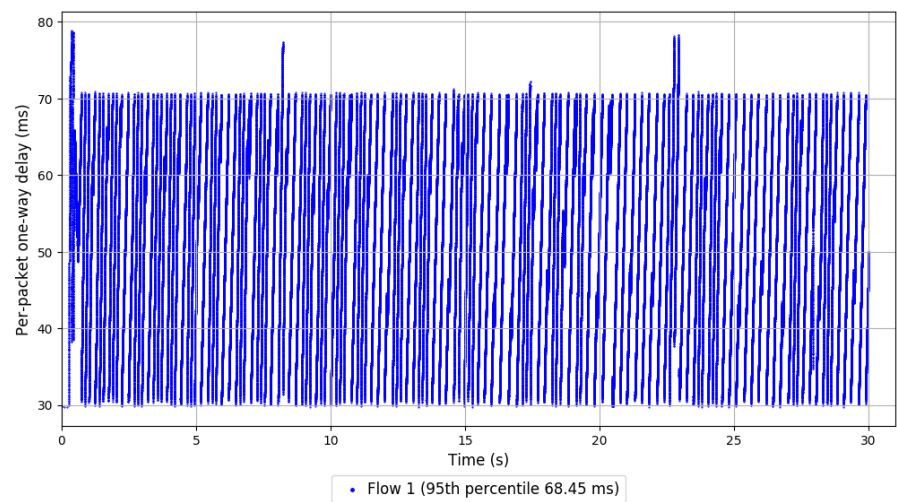
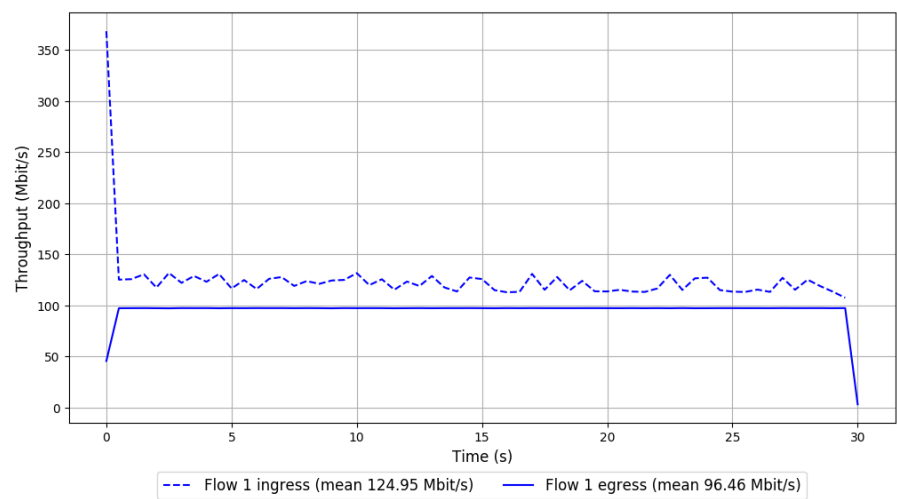
-- Flow 1:

Average throughput: 96.46 Mbit/s

95th percentile per-packet one-way delay: 68.448 ms

Loss rate: 22.75%

Run 4: Report of FillP — Data Link



Run 5: Statistics of FillP

Start at: 2018-03-27 07:19:42

End at: 2018-03-27 07:20:12

Local clock offset: 1.434 ms

Remote clock offset: 0.834 ms

Below is generated by plot.py at 2018-03-27 10:09:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.38 Mbit/s

95th percentile per-packet one-way delay: 69.963 ms

Loss rate: 24.54%

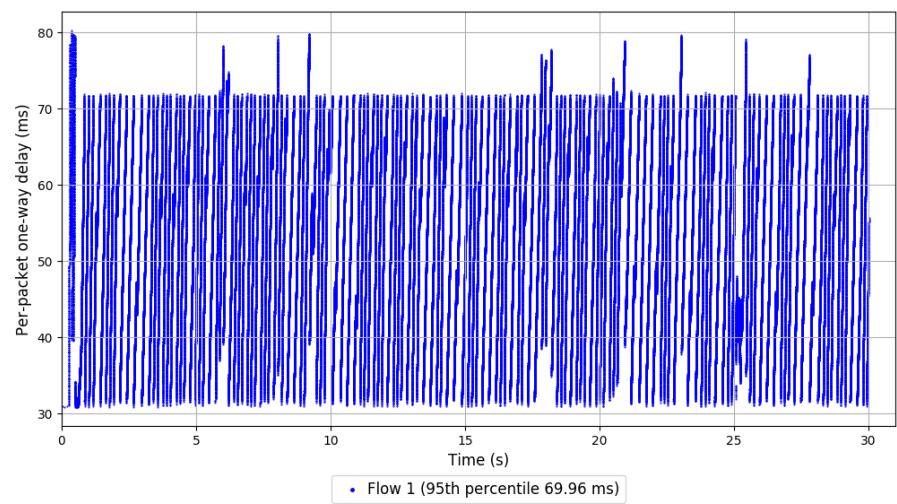
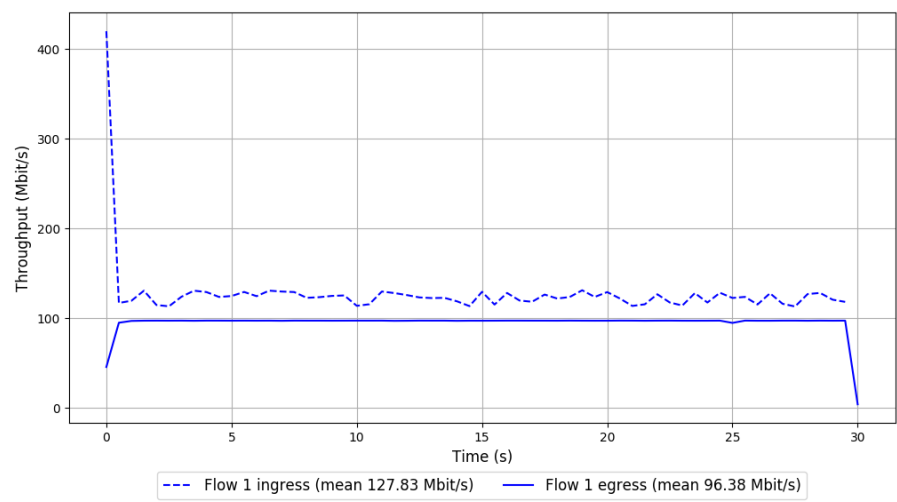
-- Flow 1:

Average throughput: 96.38 Mbit/s

95th percentile per-packet one-way delay: 69.963 ms

Loss rate: 24.54%

Run 5: Report of FillP — Data Link

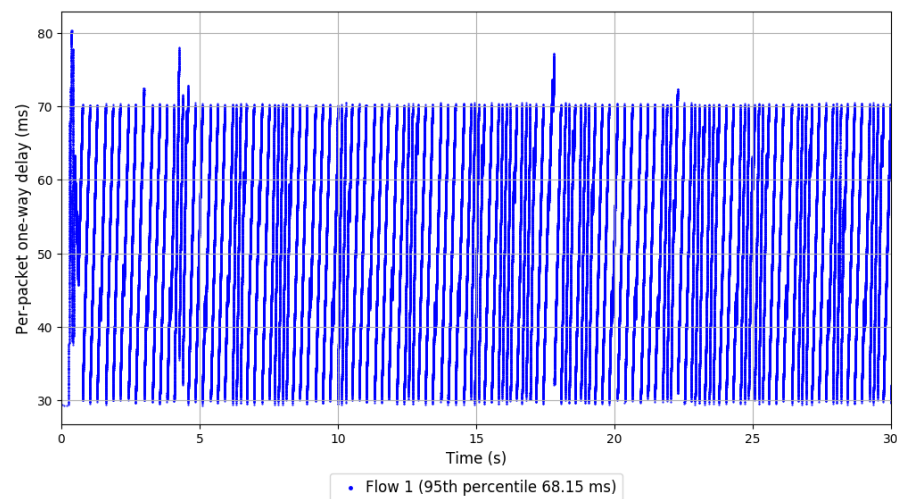
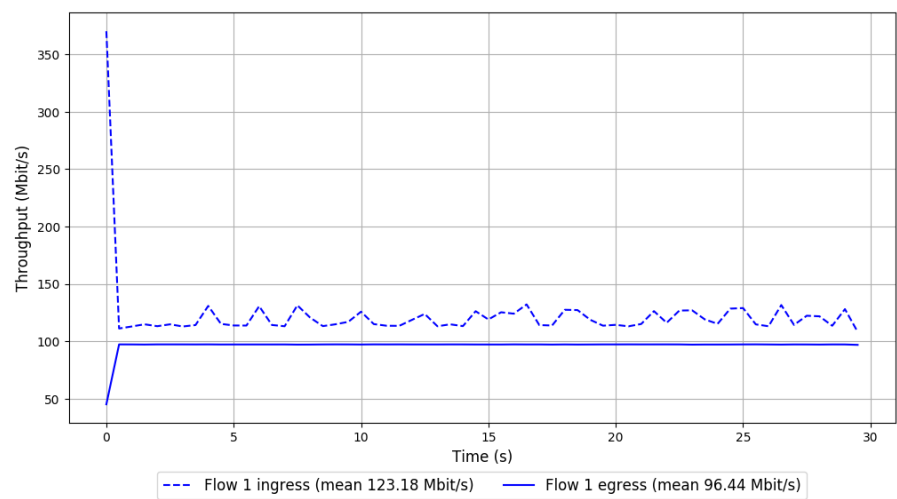


Run 6: Statistics of FillP

Start at: 2018-03-27 07:45:47
End at: 2018-03-27 07:46:17
Local clock offset: 0.515 ms
Remote clock offset: -1.818 ms

Below is generated by plot.py at 2018-03-27 10:09:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.44 Mbit/s
95th percentile per-packet one-way delay: 68.149 ms
Loss rate: 21.70%
-- Flow 1:
Average throughput: 96.44 Mbit/s
95th percentile per-packet one-way delay: 68.149 ms
Loss rate: 21.70%

Run 6: Report of FillP — Data Link

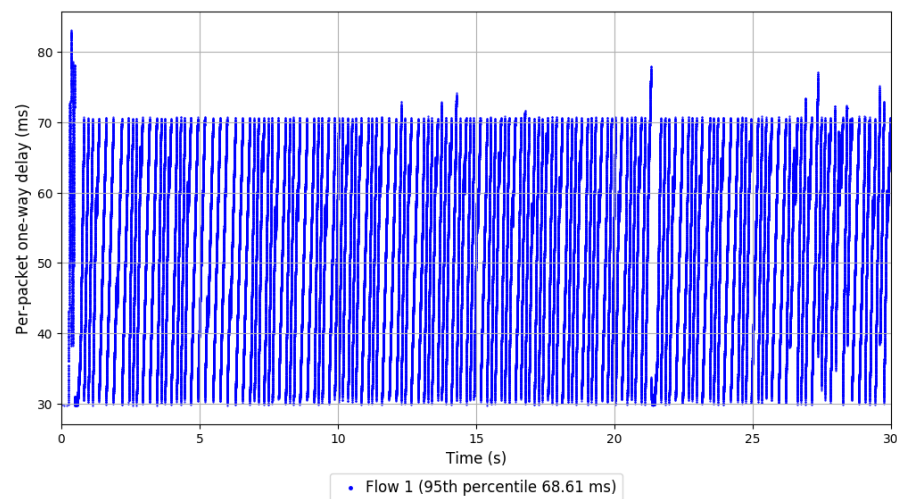
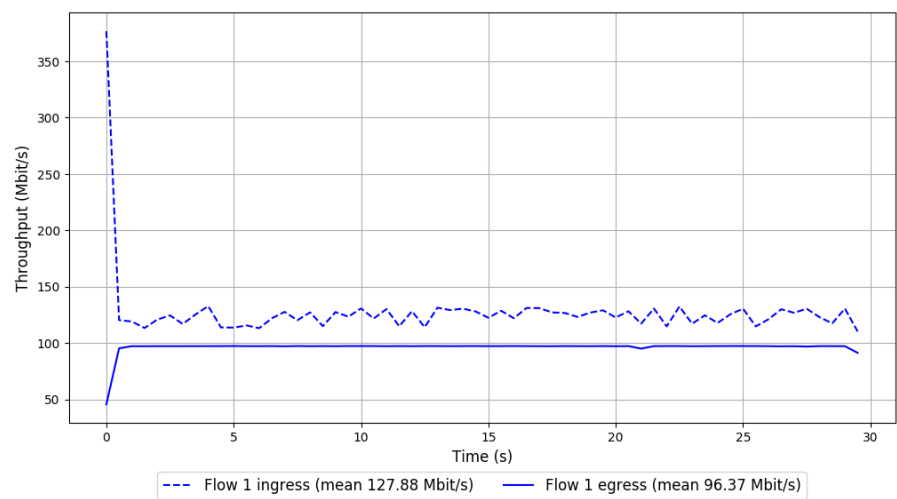


Run 7: Statistics of FillP

Start at: 2018-03-27 08:11:04
End at: 2018-03-27 08:11:34
Local clock offset: -0.442 ms
Remote clock offset: -3.955 ms

Below is generated by plot.py at 2018-03-27 10:09:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.37 Mbit/s
95th percentile per-packet one-way delay: 68.605 ms
Loss rate: 24.64%
-- Flow 1:
Average throughput: 96.37 Mbit/s
95th percentile per-packet one-way delay: 68.605 ms
Loss rate: 24.64%

Run 7: Report of FillP — Data Link

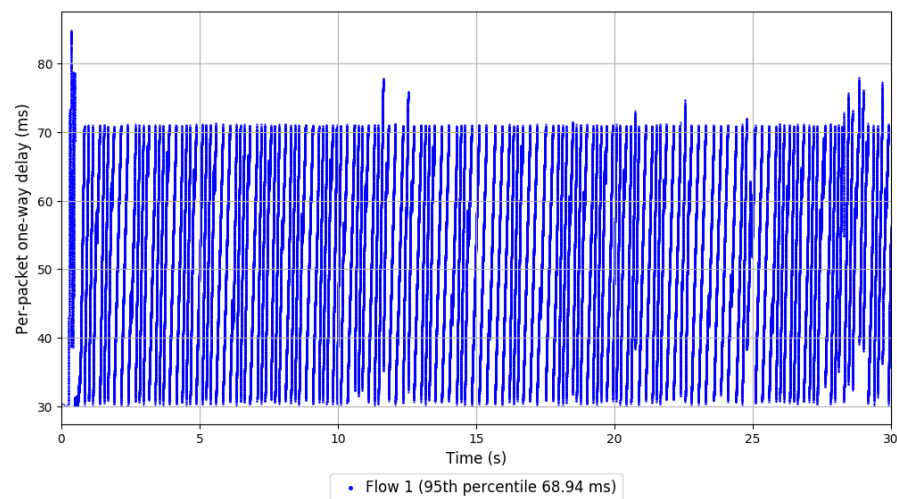
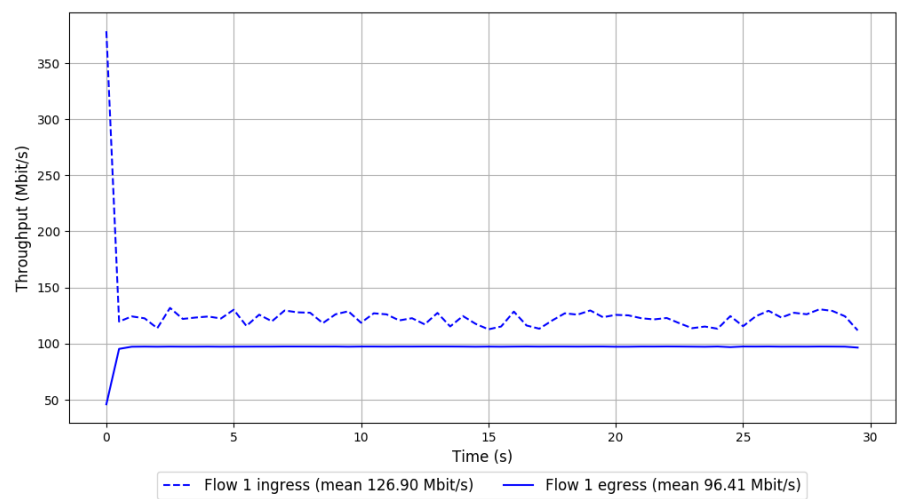


Run 8: Statistics of FillP

Start at: 2018-03-27 08:36:03
End at: 2018-03-27 08:36:33
Local clock offset: -0.292 ms
Remote clock offset: -0.902 ms

Below is generated by plot.py at 2018-03-27 10:09:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.41 Mbit/s
95th percentile per-packet one-way delay: 68.943 ms
Loss rate: 23.96%
-- Flow 1:
Average throughput: 96.41 Mbit/s
95th percentile per-packet one-way delay: 68.943 ms
Loss rate: 23.96%

Run 8: Report of FillP — Data Link

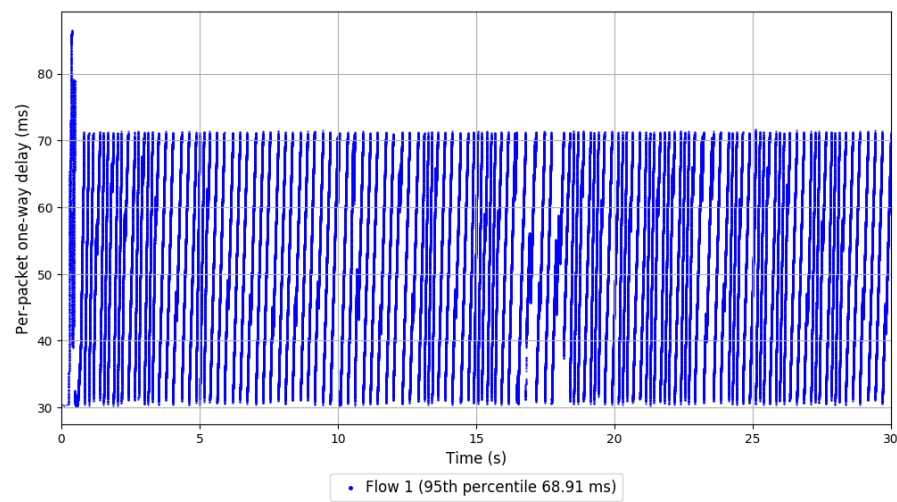
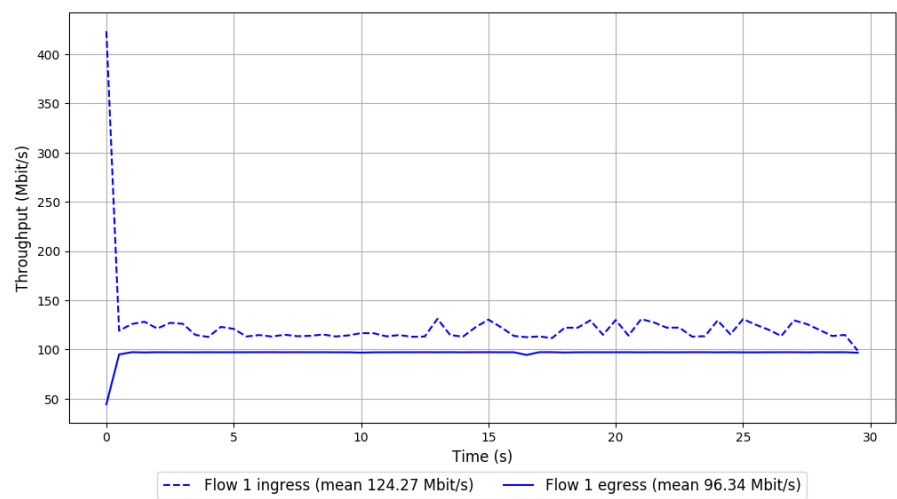


Run 9: Statistics of FillP

Start at: 2018-03-27 09:01:33
End at: 2018-03-27 09:02:03
Local clock offset: 2.142 ms
Remote clock offset: -2.767 ms

Below is generated by plot.py at 2018-03-27 10:09:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.34 Mbit/s
95th percentile per-packet one-way delay: 68.906 ms
Loss rate: 22.40%
-- Flow 1:
Average throughput: 96.34 Mbit/s
95th percentile per-packet one-way delay: 68.906 ms
Loss rate: 22.40%

Run 9: Report of FillP — Data Link

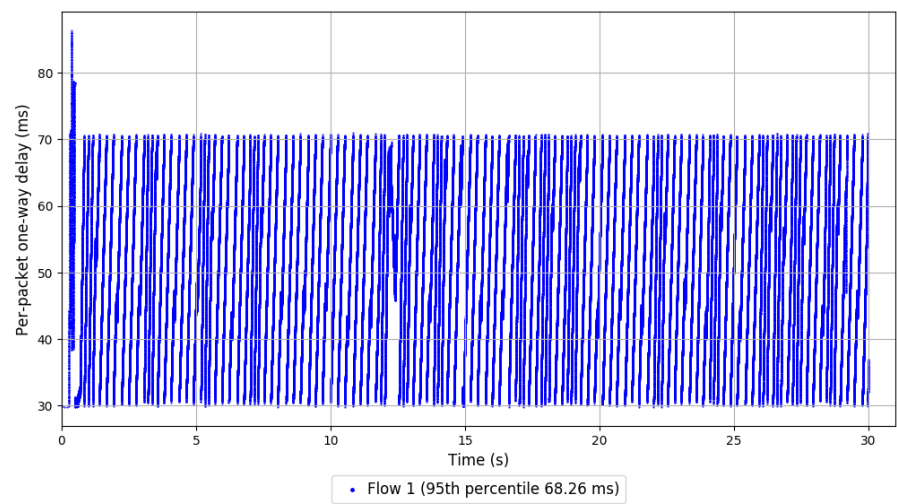
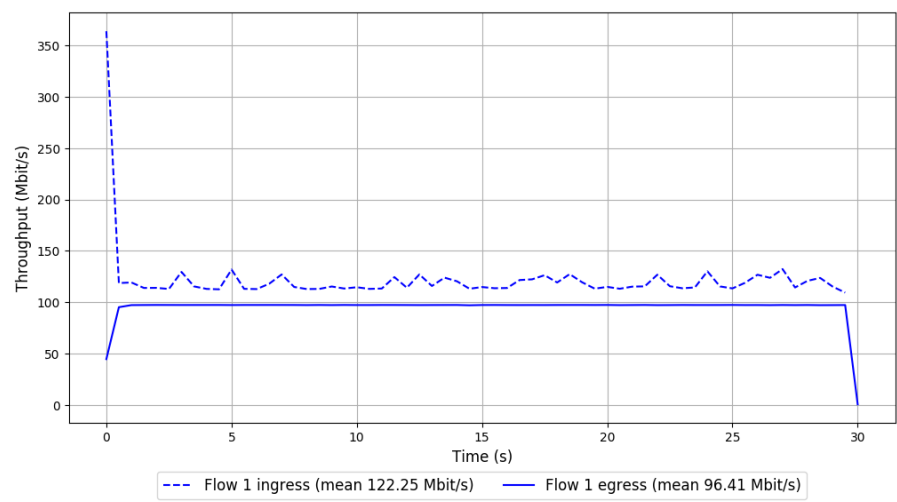


Run 10: Statistics of FillP

Start at: 2018-03-27 09:26:05
End at: 2018-03-27 09:26:35
Local clock offset: 4.199 ms
Remote clock offset: -3.445 ms

Below is generated by plot.py at 2018-03-27 10:09:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.41 Mbit/s
95th percentile per-packet one-way delay: 68.263 ms
Loss rate: 21.12%
-- Flow 1:
Average throughput: 96.41 Mbit/s
95th percentile per-packet one-way delay: 68.263 ms
Loss rate: 21.12%

Run 10: Report of FillP — Data Link



Run 1: Statistics of Indigo-1-32

Start at: 2018-03-27 05:29:32

End at: 2018-03-27 05:30:02

Local clock offset: 0.241 ms

Remote clock offset: -4.32 ms

Below is generated by plot.py at 2018-03-27 10:09:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.54 Mbit/s

95th percentile per-packet one-way delay: 35.416 ms

Loss rate: 0.36%

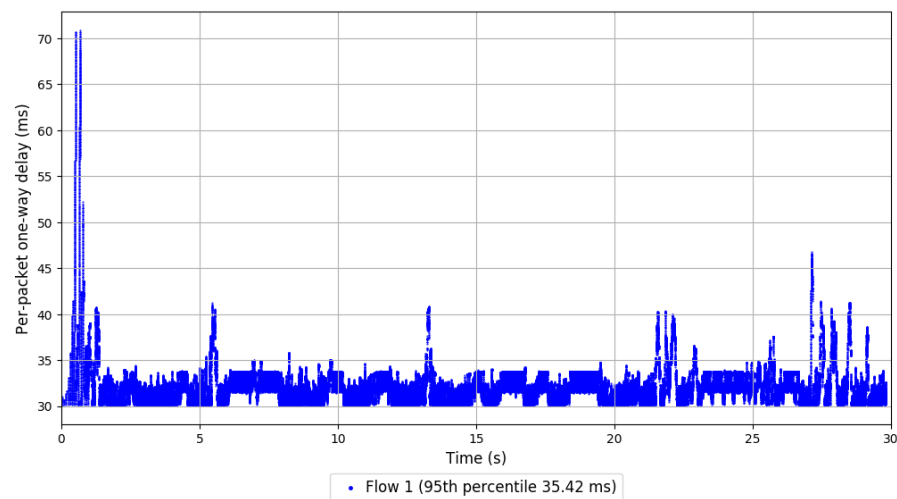
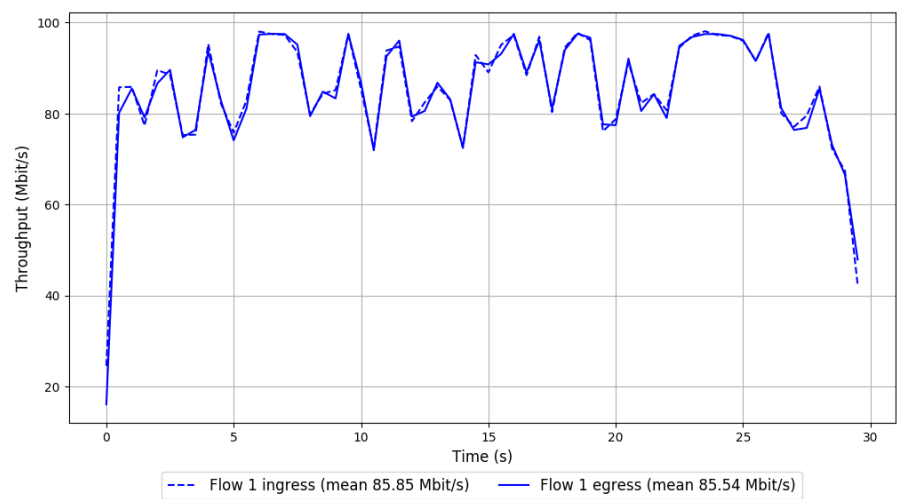
-- Flow 1:

Average throughput: 85.54 Mbit/s

95th percentile per-packet one-way delay: 35.416 ms

Loss rate: 0.36%

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



Run 2: Statistics of Indigo-1-32

Start at: 2018-03-27 05:56:22

End at: 2018-03-27 05:56:52

Local clock offset: 0.829 ms

Remote clock offset: -6.944 ms

Below is generated by plot.py at 2018-03-27 10:09:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.33 Mbit/s

95th percentile per-packet one-way delay: 31.171 ms

Loss rate: 0.02%

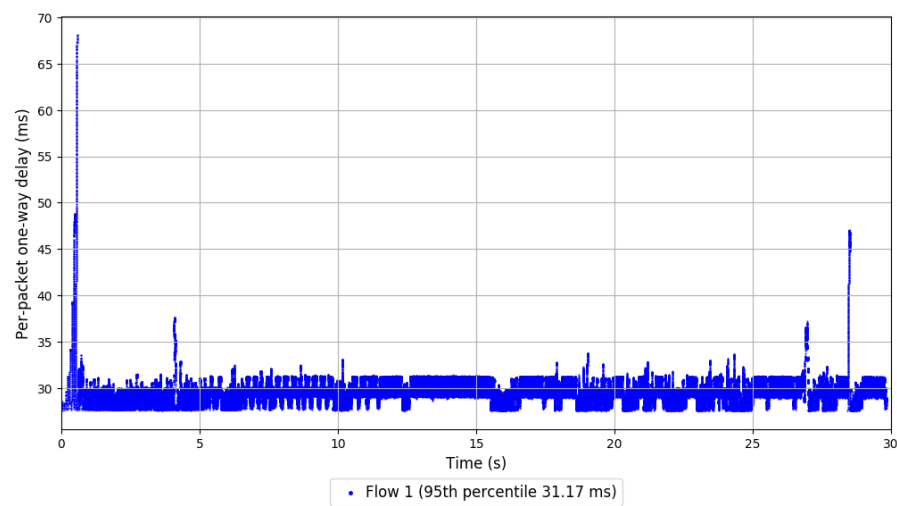
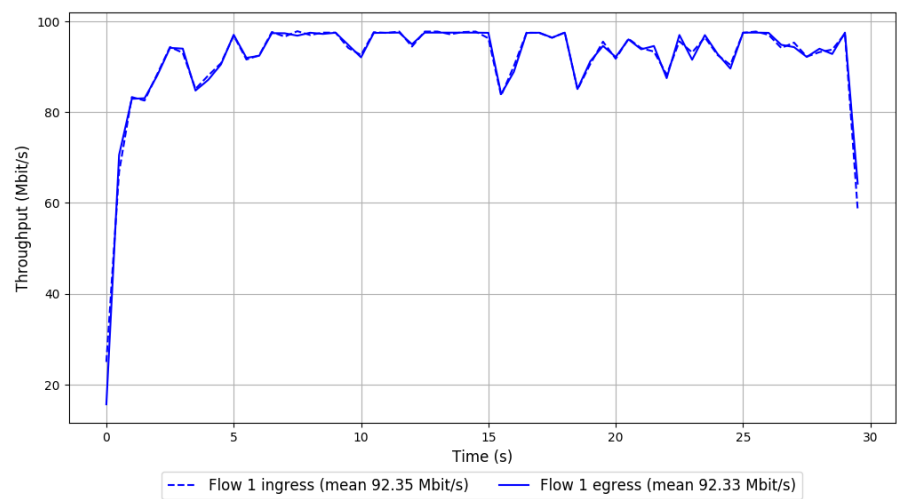
-- Flow 1:

Average throughput: 92.33 Mbit/s

95th percentile per-packet one-way delay: 31.171 ms

Loss rate: 0.02%

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



Run 3: Statistics of Indigo-1-32

Start at: 2018-03-27 06:23:28

End at: 2018-03-27 06:23:58

Local clock offset: 3.113 ms

Remote clock offset: -2.24 ms

Below is generated by plot.py at 2018-03-27 10:09:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.27 Mbit/s

95th percentile per-packet one-way delay: 31.327 ms

Loss rate: 0.04%

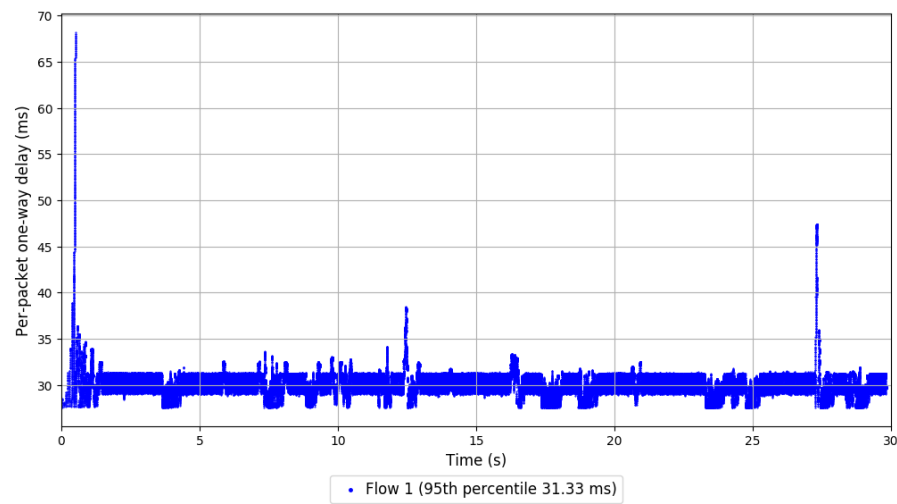
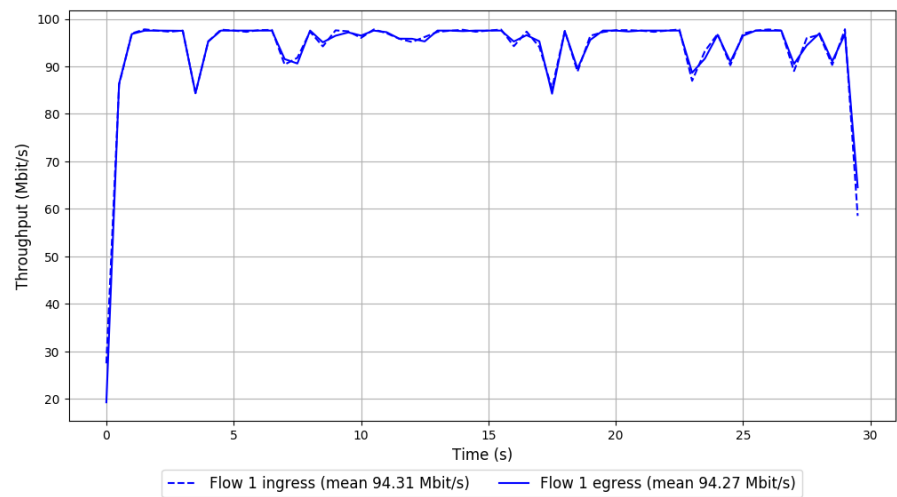
-- Flow 1:

Average throughput: 94.27 Mbit/s

95th percentile per-packet one-way delay: 31.327 ms

Loss rate: 0.04%

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



Run 4: Statistics of Indigo-1-32

Start at: 2018-03-27 06:50:52

End at: 2018-03-27 06:51:22

Local clock offset: -0.47 ms

Remote clock offset: -1.235 ms

Below is generated by plot.py at 2018-03-27 10:09:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.61 Mbit/s

95th percentile per-packet one-way delay: 30.958 ms

Loss rate: 0.01%

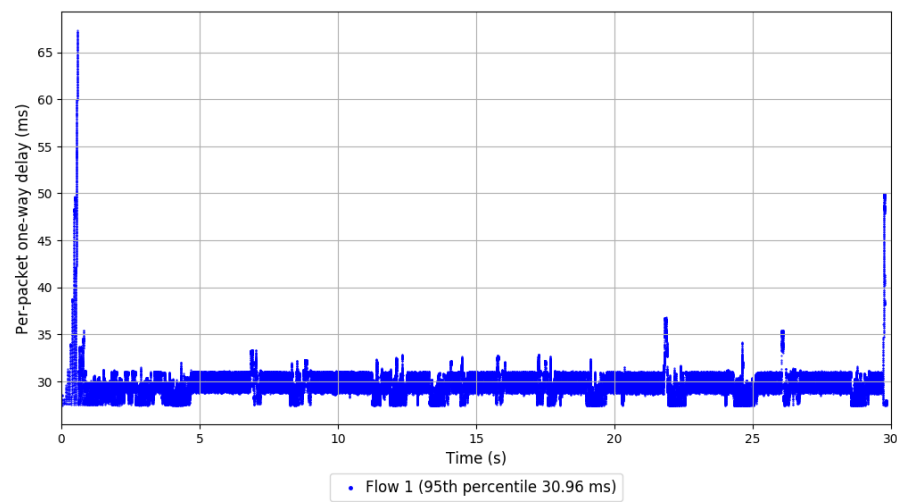
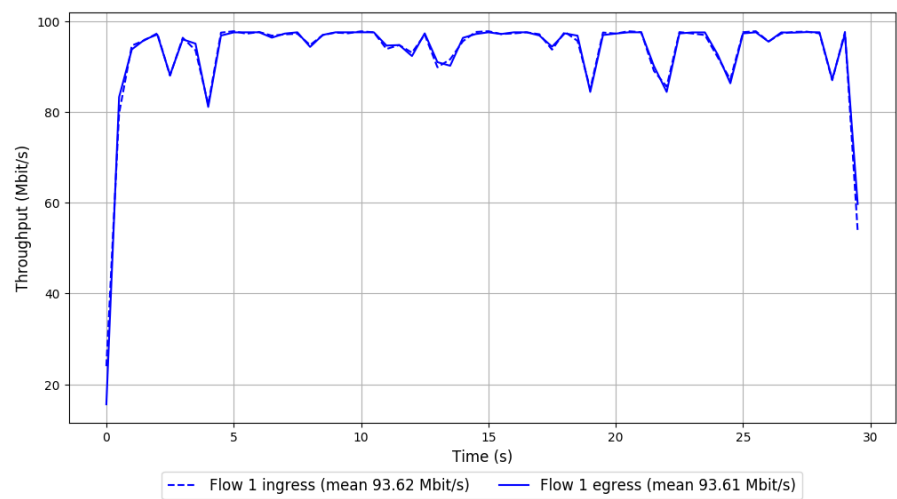
-- Flow 1:

Average throughput: 93.61 Mbit/s

95th percentile per-packet one-way delay: 30.958 ms

Loss rate: 0.01%

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



Run 5: Statistics of Indigo-1-32

Start at: 2018-03-27 07:16:55

End at: 2018-03-27 07:17:25

Local clock offset: 1.396 ms

Remote clock offset: -1.702 ms

Below is generated by plot.py at 2018-03-27 10:09:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.62 Mbit/s

95th percentile per-packet one-way delay: 34.337 ms

Loss rate: 0.19%

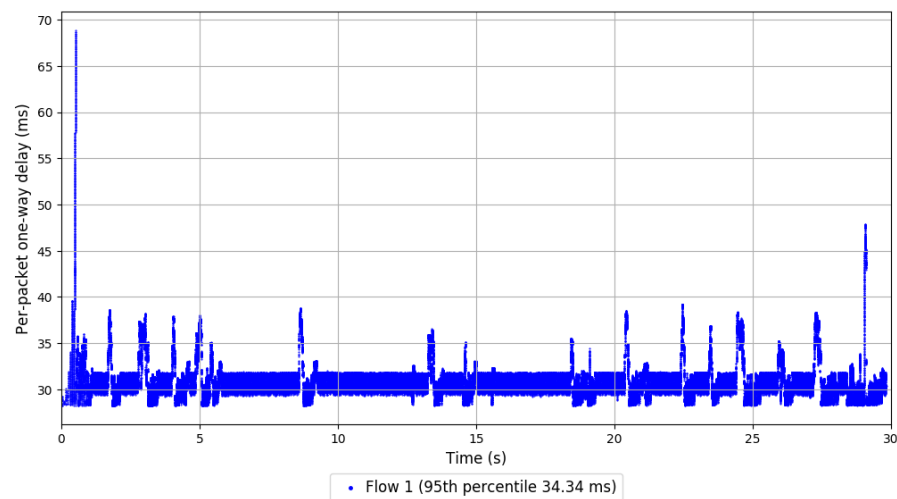
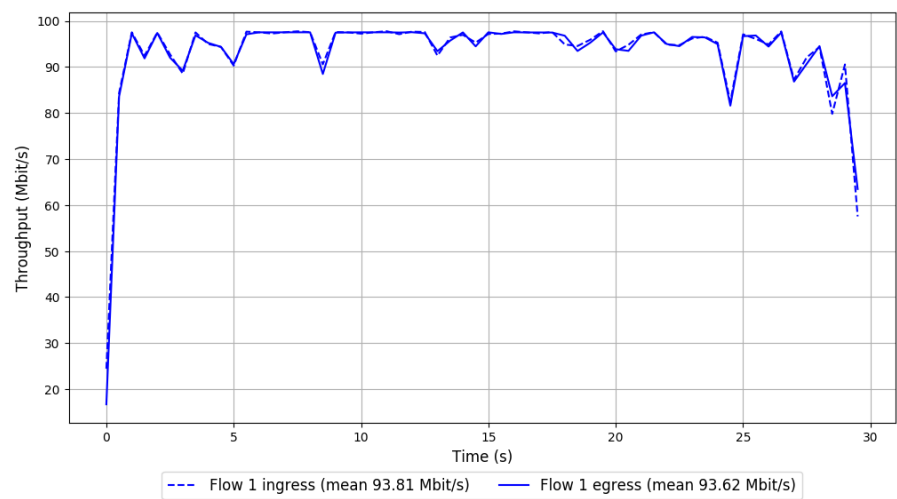
-- Flow 1:

Average throughput: 93.62 Mbit/s

95th percentile per-packet one-way delay: 34.337 ms

Loss rate: 0.19%

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



Run 6: Statistics of Indigo-1-32

Start at: 2018-03-27 07:42:52

End at: 2018-03-27 07:43:22

Local clock offset: 0.817 ms

Remote clock offset: -0.386 ms

Below is generated by plot.py at 2018-03-27 10:10:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.85 Mbit/s

95th percentile per-packet one-way delay: 34.489 ms

Loss rate: 0.11%

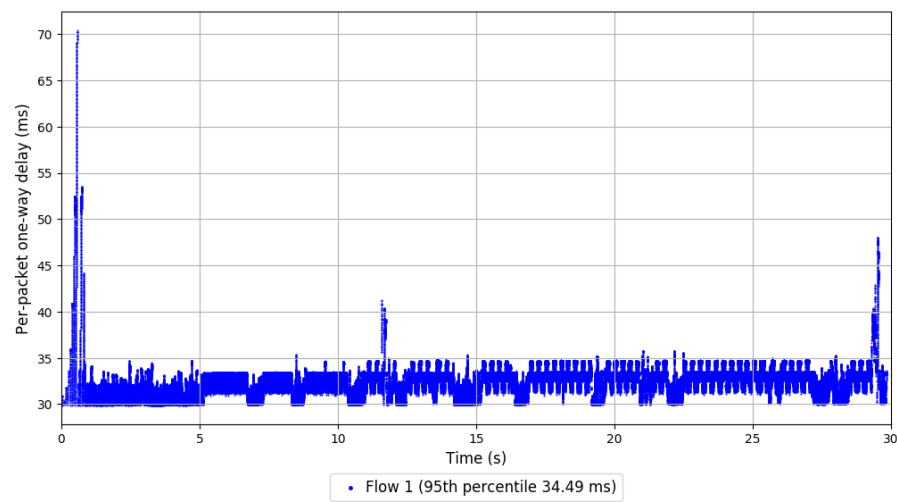
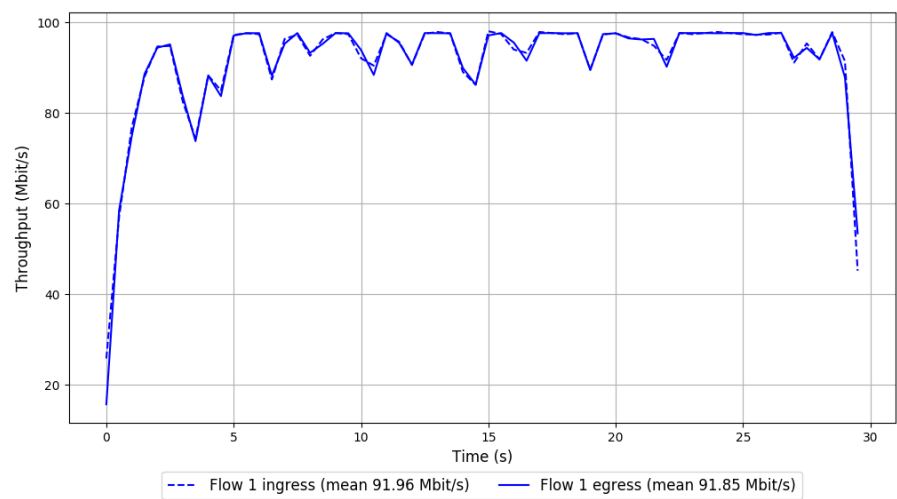
-- Flow 1:

Average throughput: 91.85 Mbit/s

95th percentile per-packet one-way delay: 34.489 ms

Loss rate: 0.11%

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

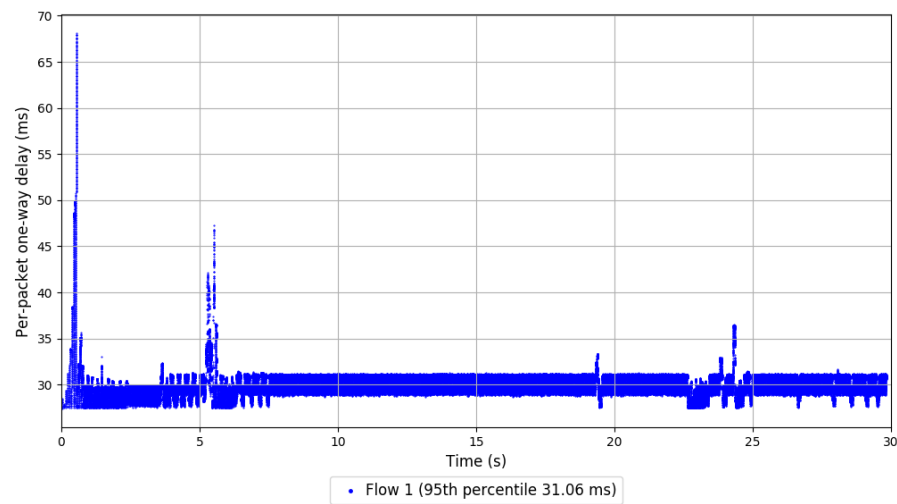
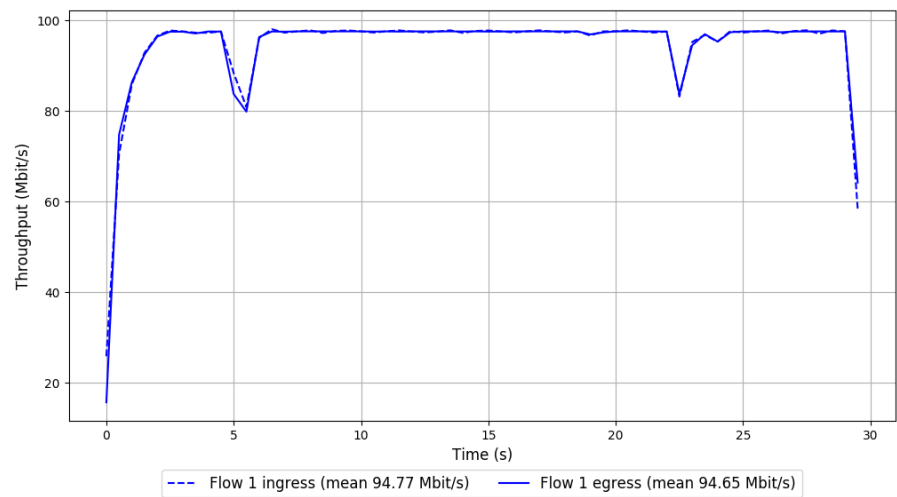


Run 7: Statistics of Indigo-1-32

Start at: 2018-03-27 08:08:05
End at: 2018-03-27 08:08:35
Local clock offset: -0.443 ms
Remote clock offset: -6.083 ms

Below is generated by plot.py at 2018-03-27 10:10:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.65 Mbit/s
95th percentile per-packet one-way delay: 31.060 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 94.65 Mbit/s
95th percentile per-packet one-way delay: 31.060 ms
Loss rate: 0.11%

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

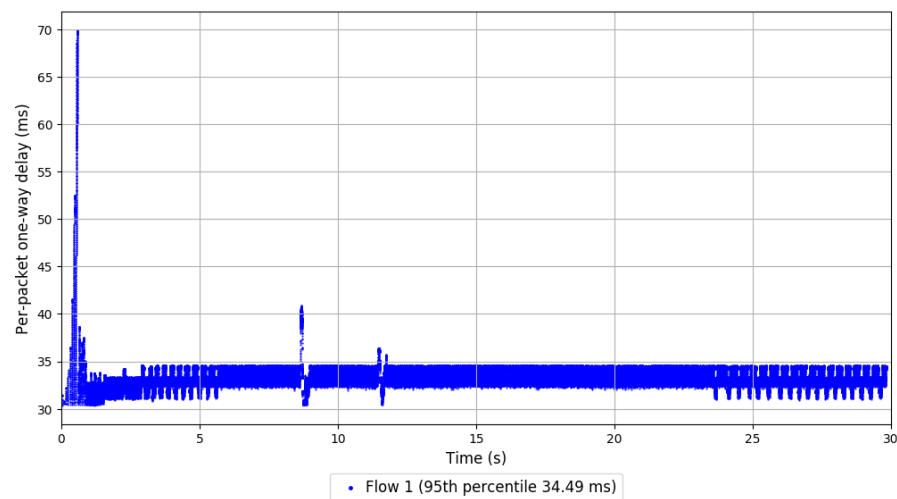
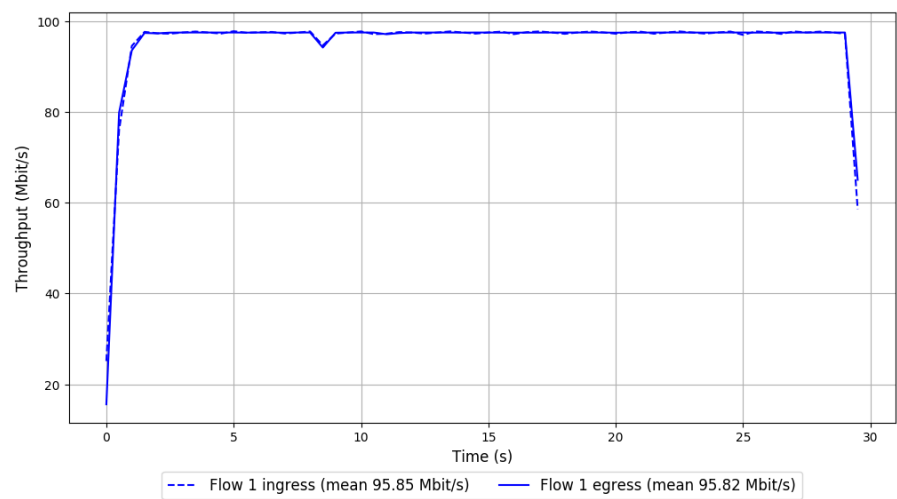


Run 8: Statistics of Indigo-1-32

Start at: 2018-03-27 08:33:17
End at: 2018-03-27 08:33:47
Local clock offset: -0.279 ms
Remote clock offset: -1.385 ms

Below is generated by plot.py at 2018-03-27 10:10:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.82 Mbit/s
95th percentile per-packet one-way delay: 34.493 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 95.82 Mbit/s
95th percentile per-packet one-way delay: 34.493 ms
Loss rate: 0.02%

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



Run 9: Statistics of Indigo-1-32

Start at: 2018-03-27 08:58:50

End at: 2018-03-27 08:59:20

Local clock offset: 1.962 ms

Remote clock offset: -4.619 ms

Below is generated by plot.py at 2018-03-27 10:10:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.56 Mbit/s

95th percentile per-packet one-way delay: 31.275 ms

Loss rate: 0.01%

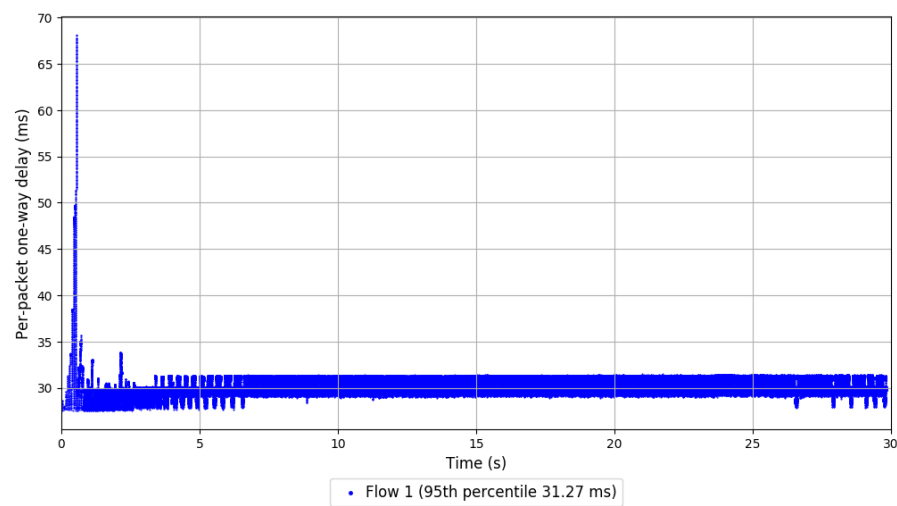
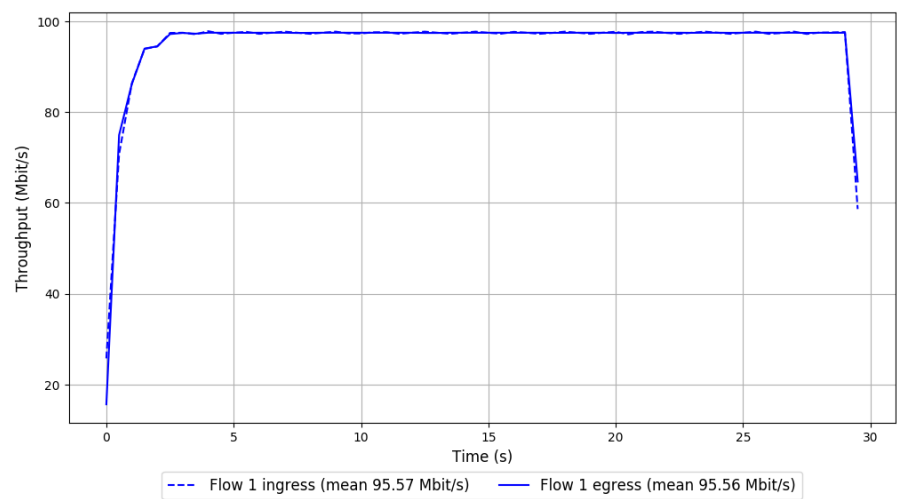
-- Flow 1:

Average throughput: 95.56 Mbit/s

95th percentile per-packet one-way delay: 31.275 ms

Loss rate: 0.01%

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



Run 10: Statistics of Indigo-1-32

Start at: 2018-03-27 09:23:21

End at: 2018-03-27 09:23:51

Local clock offset: 3.922 ms

Remote clock offset: -3.718 ms

Below is generated by plot.py at 2018-03-27 10:10:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.47 Mbit/s

95th percentile per-packet one-way delay: 34.478 ms

Loss rate: 0.01%

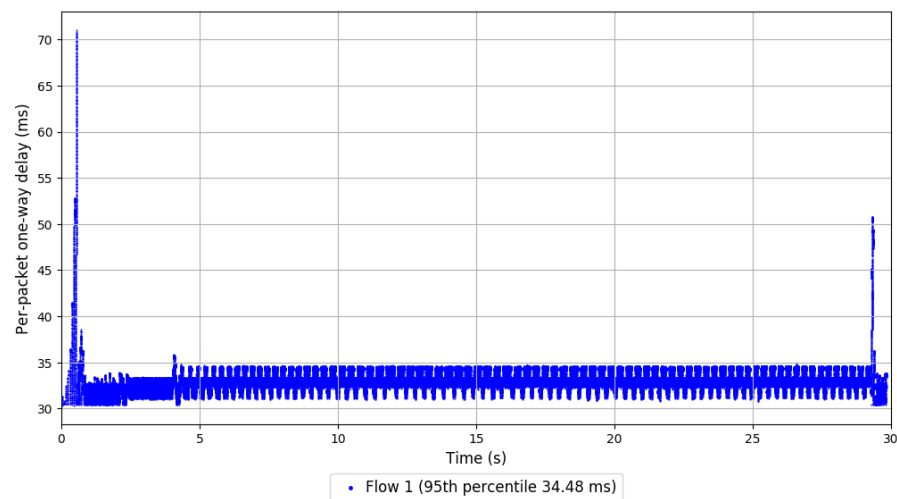
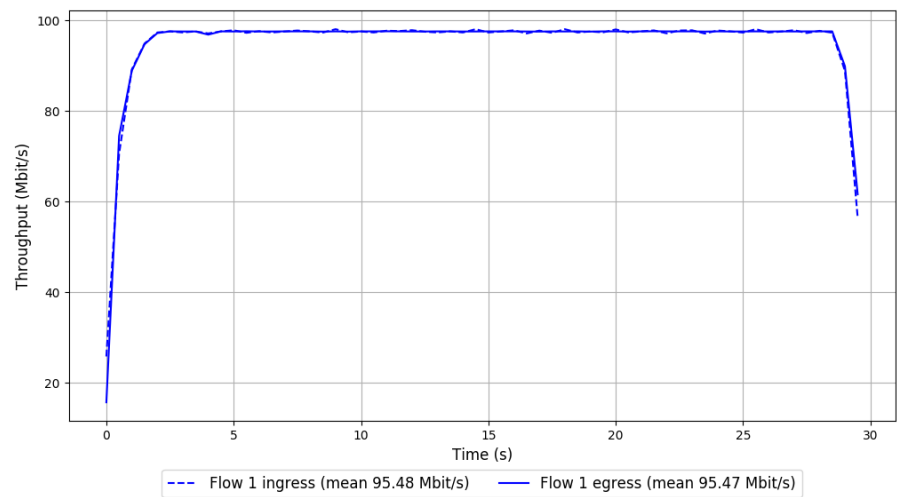
-- Flow 1:

Average throughput: 95.47 Mbit/s

95th percentile per-packet one-way delay: 34.478 ms

Loss rate: 0.01%

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

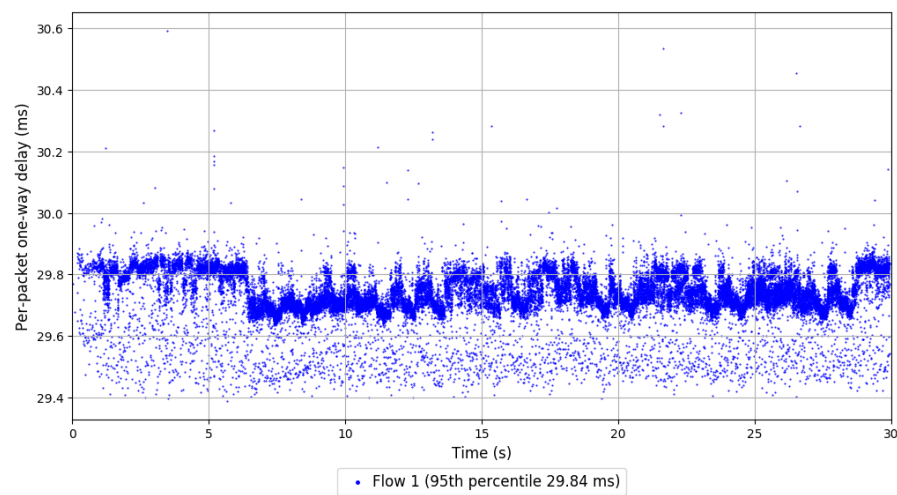
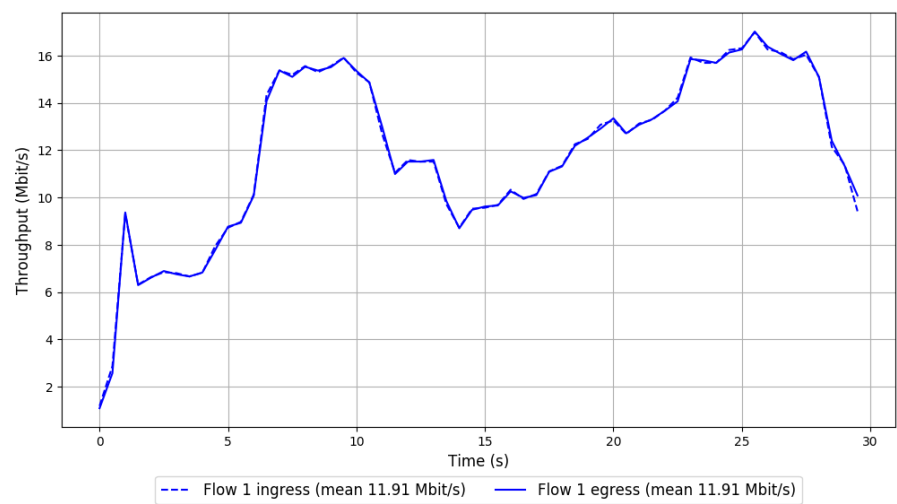


Run 1: Statistics of Vivace-latency

Start at: 2018-03-27 05:15:51
End at: 2018-03-27 05:16:21
Local clock offset: 0.305 ms
Remote clock offset: -4.995 ms

Below is generated by plot.py at 2018-03-27 10:10:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.91 Mbit/s
95th percentile per-packet one-way delay: 29.835 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.91 Mbit/s
95th percentile per-packet one-way delay: 29.835 ms
Loss rate: 0.00%

Run 1: Report of Vivace-latency — Data Link

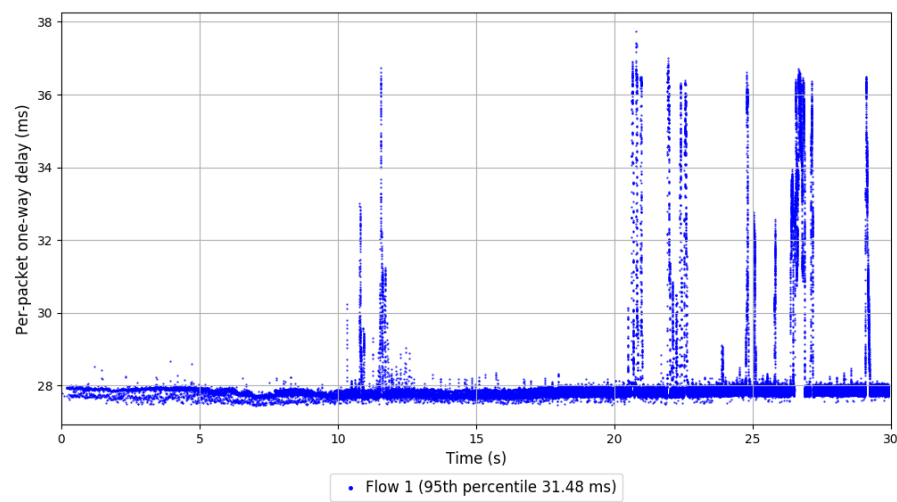
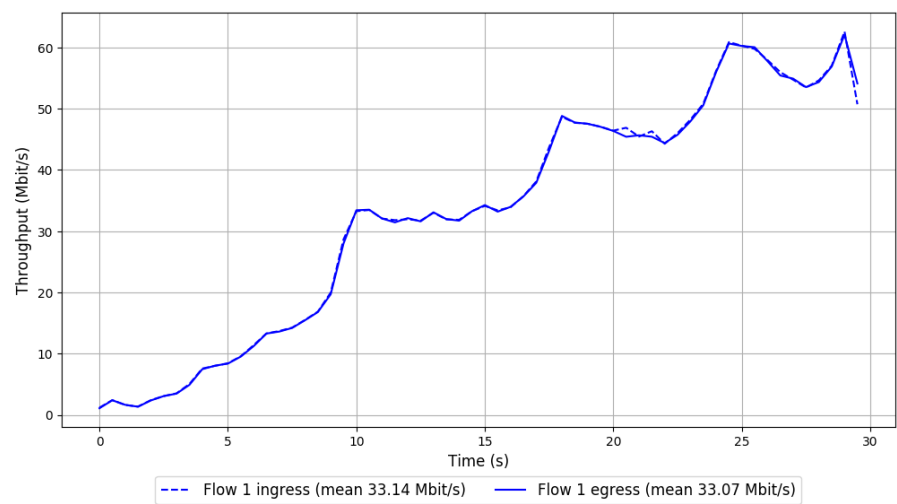


Run 2: Statistics of Vivace-latency

Start at: 2018-03-27 05:42:52
End at: 2018-03-27 05:43:22
Local clock offset: 0.069 ms
Remote clock offset: -6.837 ms

Below is generated by plot.py at 2018-03-27 10:10:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 33.07 Mbit/s
95th percentile per-packet one-way delay: 31.478 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 33.07 Mbit/s
95th percentile per-packet one-way delay: 31.478 ms
Loss rate: 0.19%

Run 2: Report of Vivace-latency — Data Link



Run 3: Statistics of Vivace-latency

Start at: 2018-03-27 06:09:44

End at: 2018-03-27 06:10:14

Local clock offset: 2.503 ms

Remote clock offset: -2.02 ms

Below is generated by plot.py at 2018-03-27 10:10:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.06 Mbit/s

95th percentile per-packet one-way delay: 38.419 ms

Loss rate: 0.40%

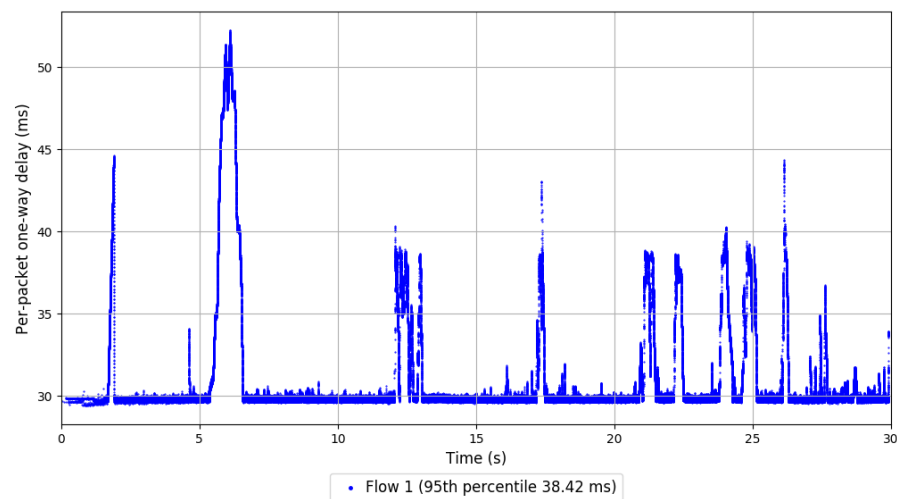
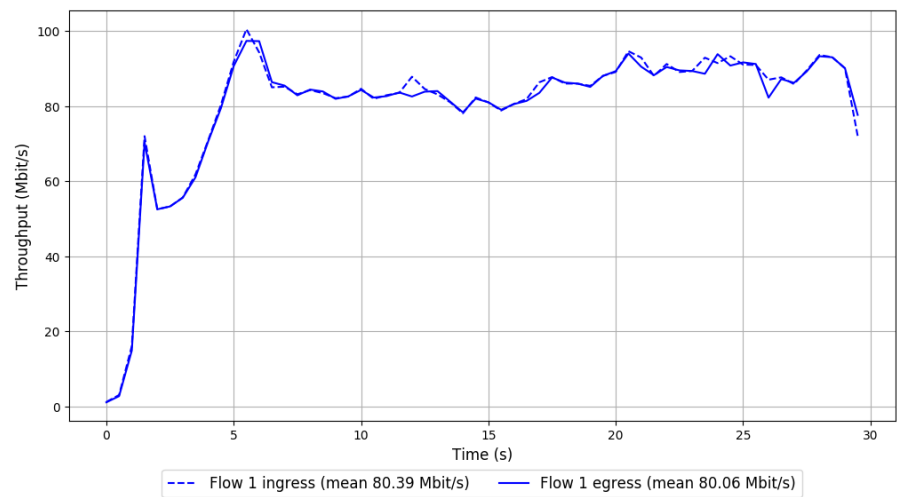
-- Flow 1:

Average throughput: 80.06 Mbit/s

95th percentile per-packet one-way delay: 38.419 ms

Loss rate: 0.40%

Run 3: Report of Vivace-latency — Data Link

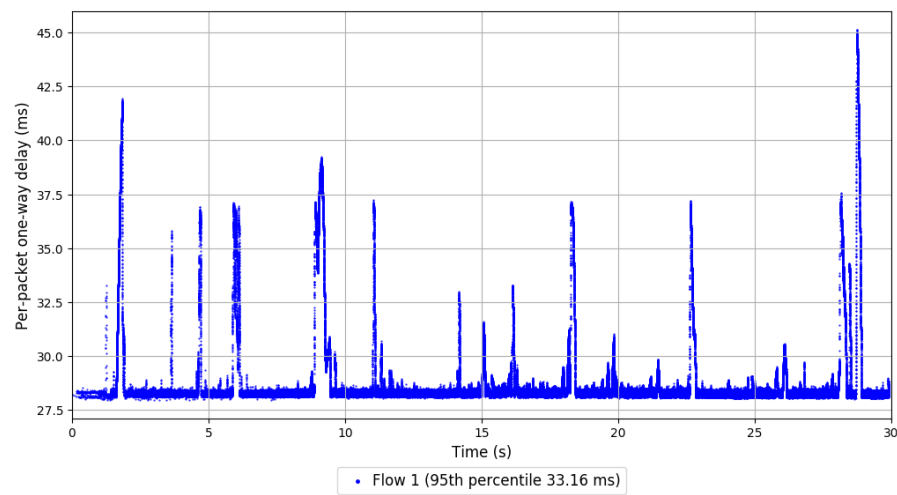
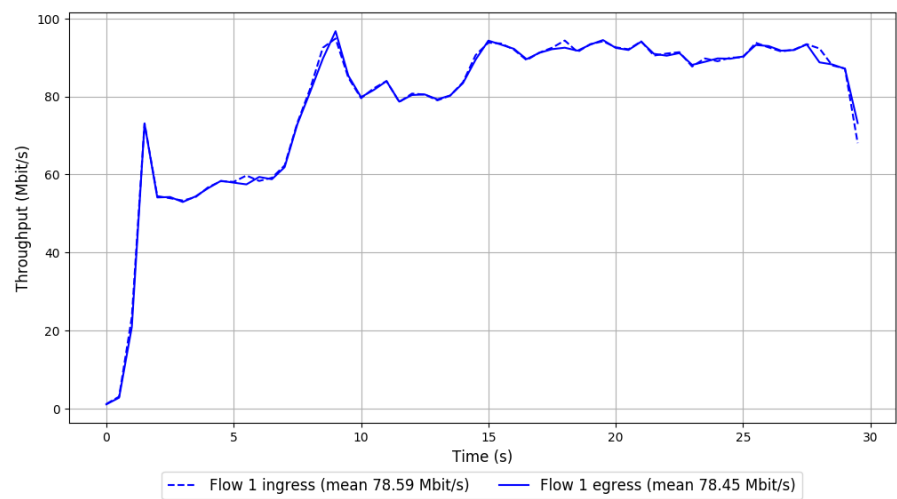


Run 4: Statistics of Vivace-latency

Start at: 2018-03-27 06:36:57
End at: 2018-03-27 06:37:27
Local clock offset: 0.891 ms
Remote clock offset: -1.857 ms

Below is generated by plot.py at 2018-03-27 10:10:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.45 Mbit/s
95th percentile per-packet one-way delay: 33.158 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 78.45 Mbit/s
95th percentile per-packet one-way delay: 33.158 ms
Loss rate: 0.19%

Run 4: Report of Vivace-latency — Data Link

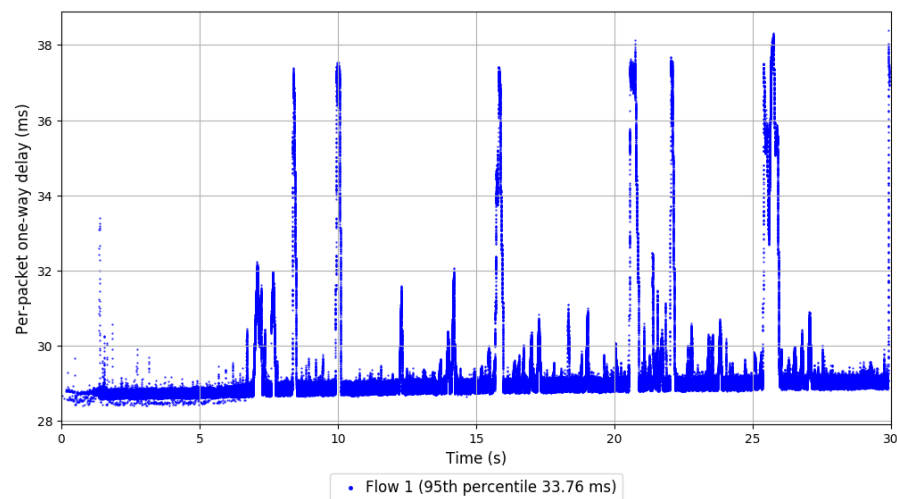
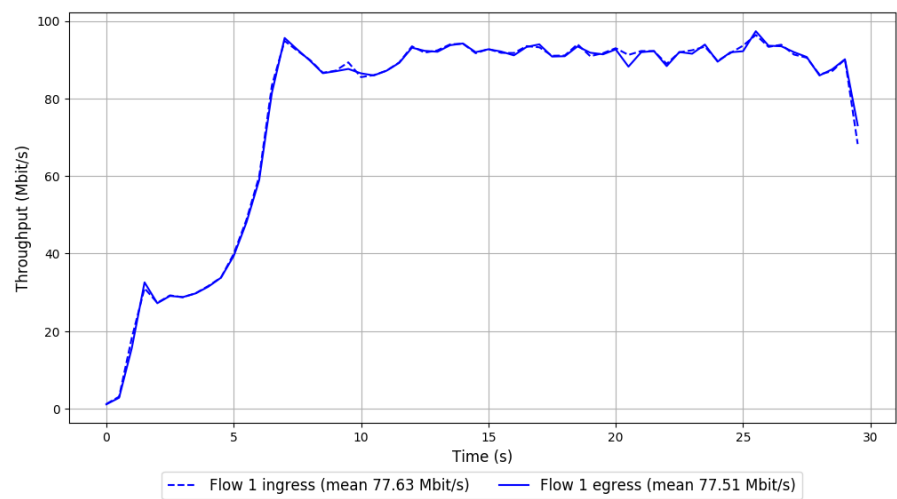


Run 5: Statistics of Vivace-latency

Start at: 2018-03-27 07:04:16
End at: 2018-03-27 07:04:46
Local clock offset: -0.458 ms
Remote clock offset: -0.008 ms

Below is generated by plot.py at 2018-03-27 10:10:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.51 Mbit/s
95th percentile per-packet one-way delay: 33.757 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 77.51 Mbit/s
95th percentile per-packet one-way delay: 33.757 ms
Loss rate: 0.12%

Run 5: Report of Vivace-latency — Data Link



Run 6: Statistics of Vivace-latency

Start at: 2018-03-27 07:29:51

End at: 2018-03-27 07:30:21

Local clock offset: 1.82 ms

Remote clock offset: 0.591 ms

Below is generated by plot.py at 2018-03-27 10:10:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 57.09 Mbit/s

95th percentile per-packet one-way delay: 37.309 ms

Loss rate: 0.38%

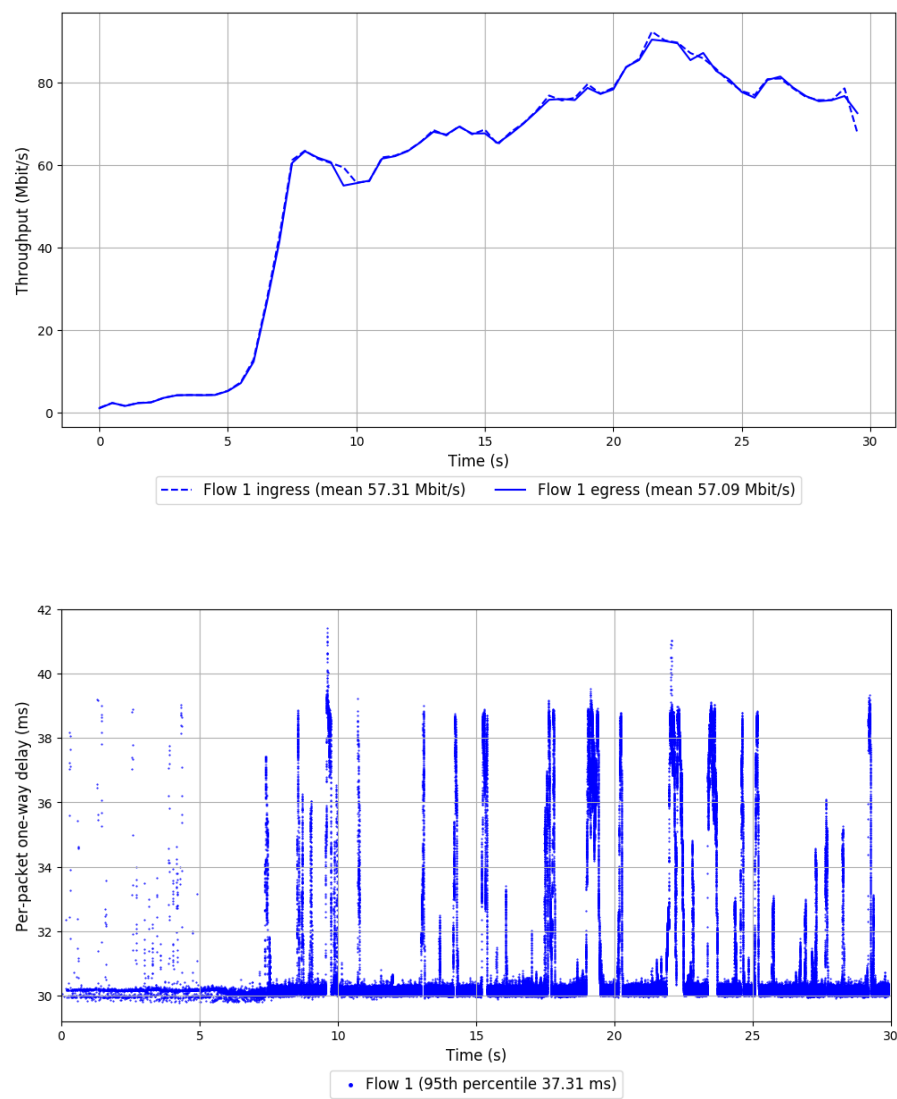
-- Flow 1:

Average throughput: 57.09 Mbit/s

95th percentile per-packet one-way delay: 37.309 ms

Loss rate: 0.38%

Run 6: Report of Vivace-latency — Data Link

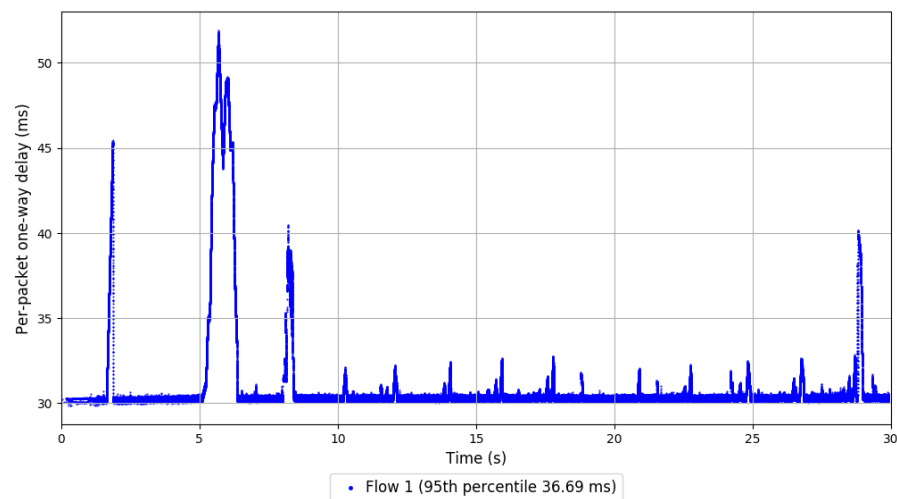
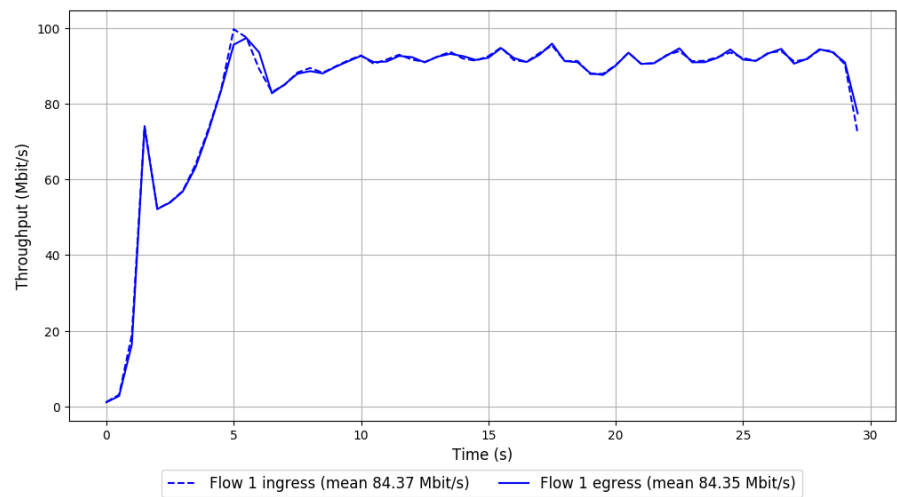


Run 7: Statistics of Vivace-latency

Start at: 2018-03-27 07:55:40
End at: 2018-03-27 07:56:10
Local clock offset: -0.05 ms
Remote clock offset: -3.377 ms

Below is generated by plot.py at 2018-03-27 10:11:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 84.35 Mbit/s
95th percentile per-packet one-way delay: 36.693 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 84.35 Mbit/s
95th percentile per-packet one-way delay: 36.693 ms
Loss rate: 0.03%

Run 7: Report of Vivace-latency — Data Link



Run 8: Statistics of Vivace-latency

Start at: 2018-03-27 08:20:56

End at: 2018-03-27 08:21:26

Local clock offset: -0.153 ms

Remote clock offset: -4.32 ms

Below is generated by plot.py at 2018-03-27 10:11:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.69 Mbit/s

95th percentile per-packet one-way delay: 30.478 ms

Loss rate: 0.00%

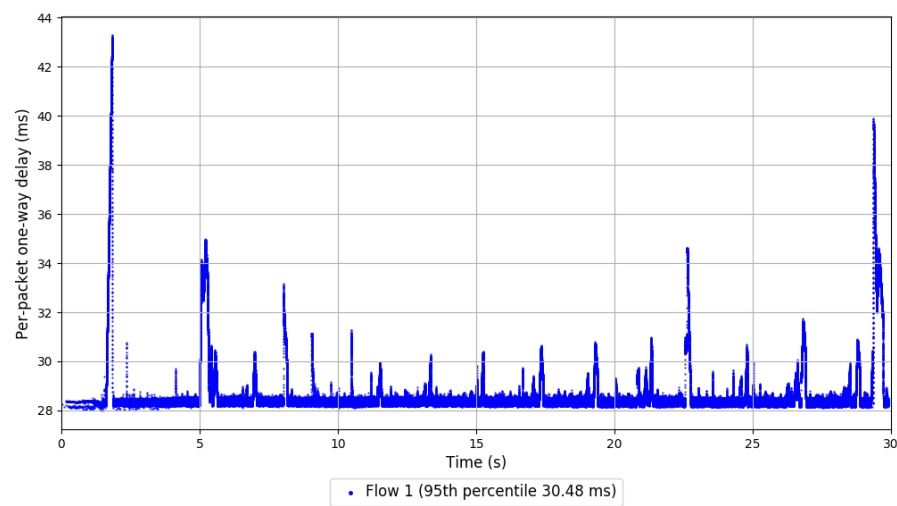
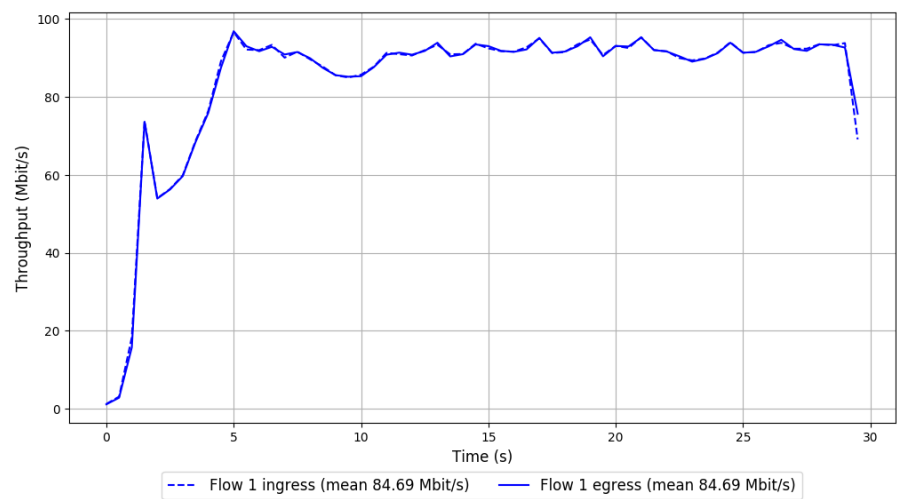
-- Flow 1:

Average throughput: 84.69 Mbit/s

95th percentile per-packet one-way delay: 30.478 ms

Loss rate: 0.00%

Run 8: Report of Vivace-latency — Data Link

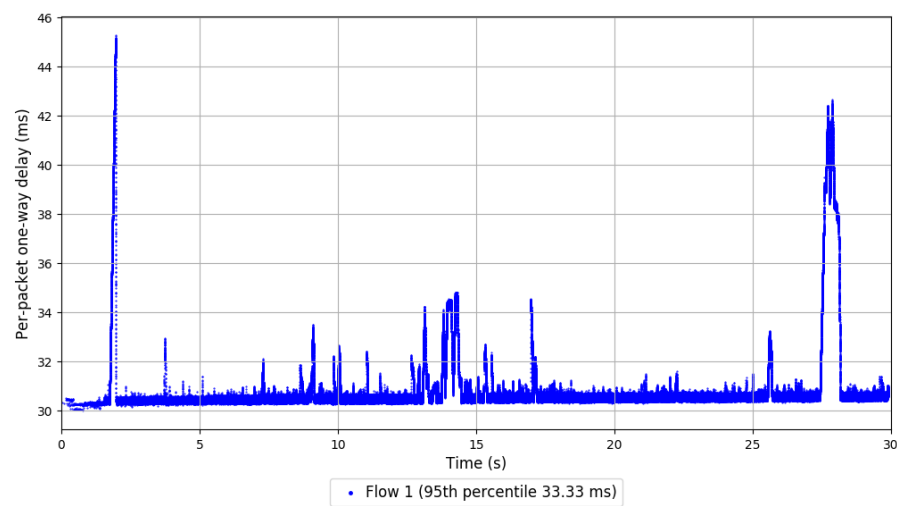
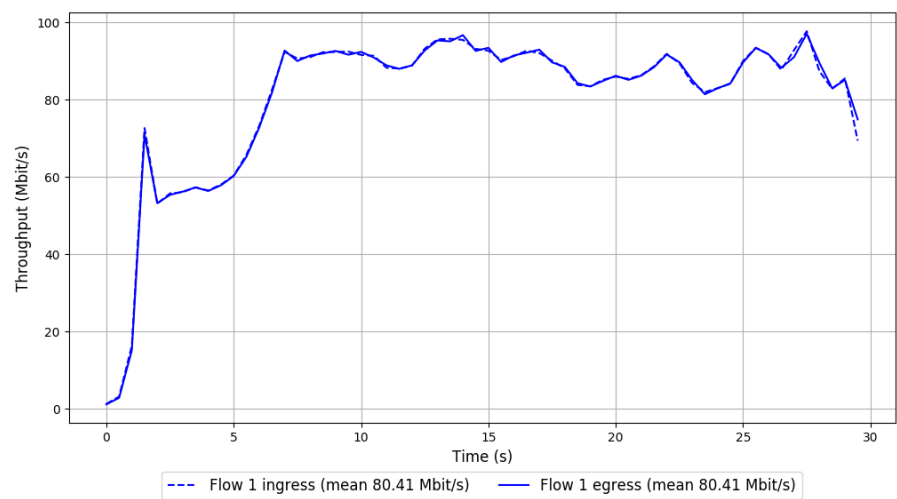


Run 9: Statistics of Vivace-latency

Start at: 2018-03-27 08:46:15
End at: 2018-03-27 08:46:46
Local clock offset: 0.222 ms
Remote clock offset: -0.984 ms

Below is generated by plot.py at 2018-03-27 10:11:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.41 Mbit/s
95th percentile per-packet one-way delay: 33.327 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 80.41 Mbit/s
95th percentile per-packet one-way delay: 33.327 ms
Loss rate: 0.00%

Run 9: Report of Vivace-latency — Data Link

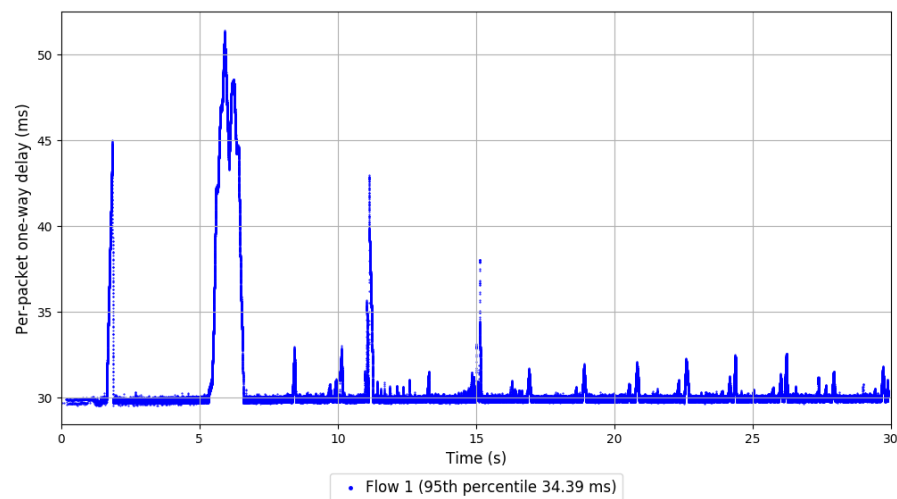
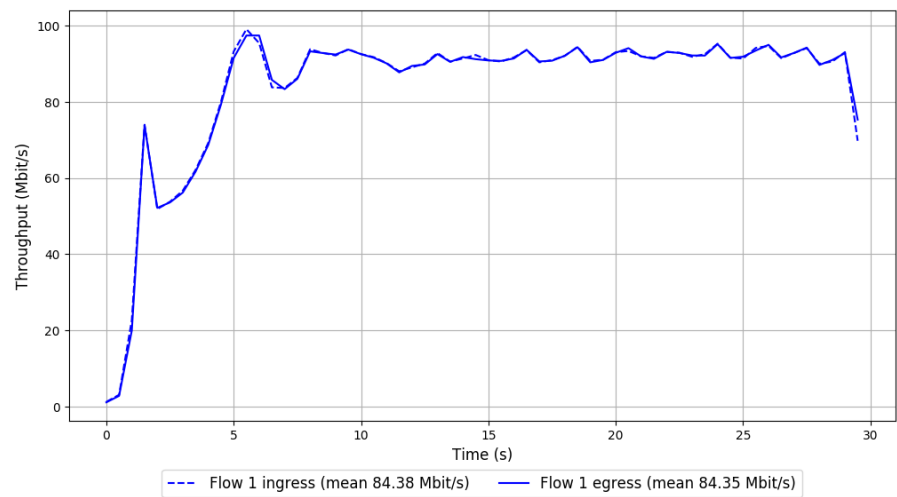


Run 10: Statistics of Vivace-latency

Start at: 2018-03-27 09:11:12
End at: 2018-03-27 09:11:42
Local clock offset: 2.644 ms
Remote clock offset: -3.429 ms

Below is generated by plot.py at 2018-03-27 10:11:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 84.35 Mbit/s
95th percentile per-packet one-way delay: 34.389 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 84.35 Mbit/s
95th percentile per-packet one-way delay: 34.389 ms
Loss rate: 0.04%

Run 10: Report of Vivace-latency — Data Link



Run 1: Statistics of Vivace-loss

Start at: 2018-03-27 05:23:24

End at: 2018-03-27 05:23:54

Local clock offset: 0.259 ms

Remote clock offset: -4.709 ms

Below is generated by plot.py at 2018-03-27 10:11:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 39.40 Mbit/s

95th percentile per-packet one-way delay: 30.972 ms

Loss rate: 0.04%

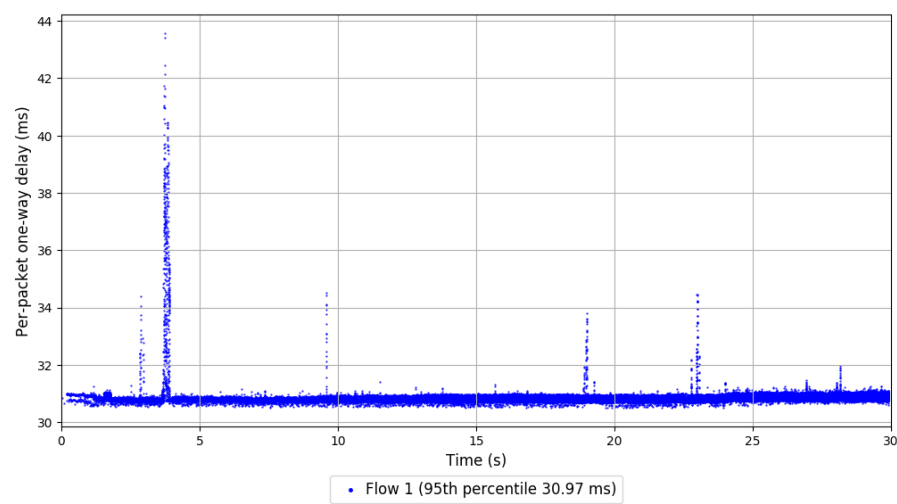
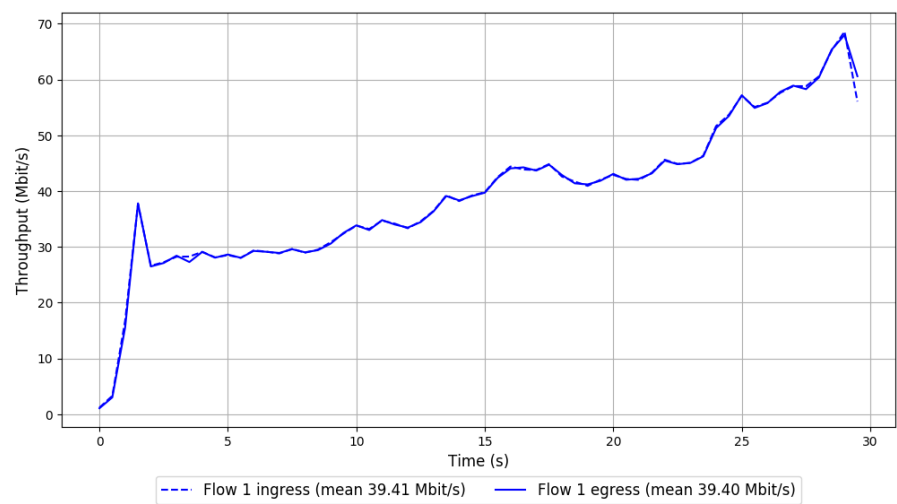
-- Flow 1:

Average throughput: 39.40 Mbit/s

95th percentile per-packet one-way delay: 30.972 ms

Loss rate: 0.04%

Run 1: Report of Vivace-loss — Data Link

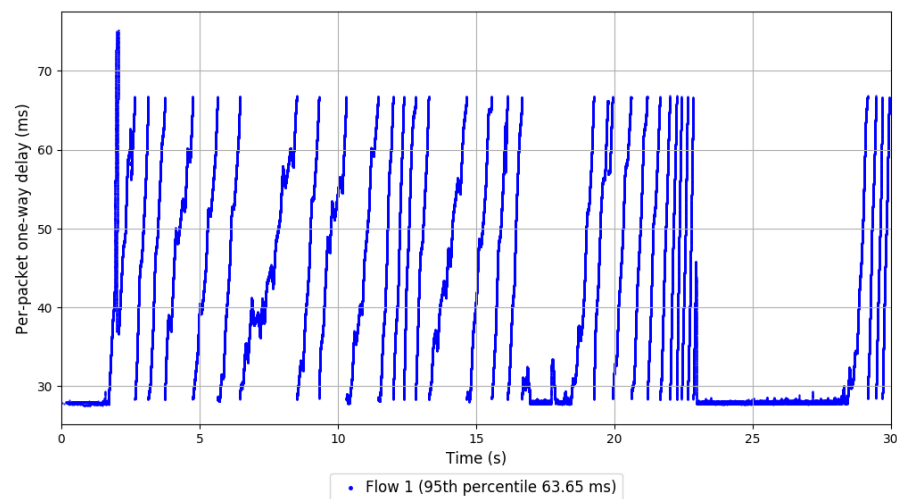
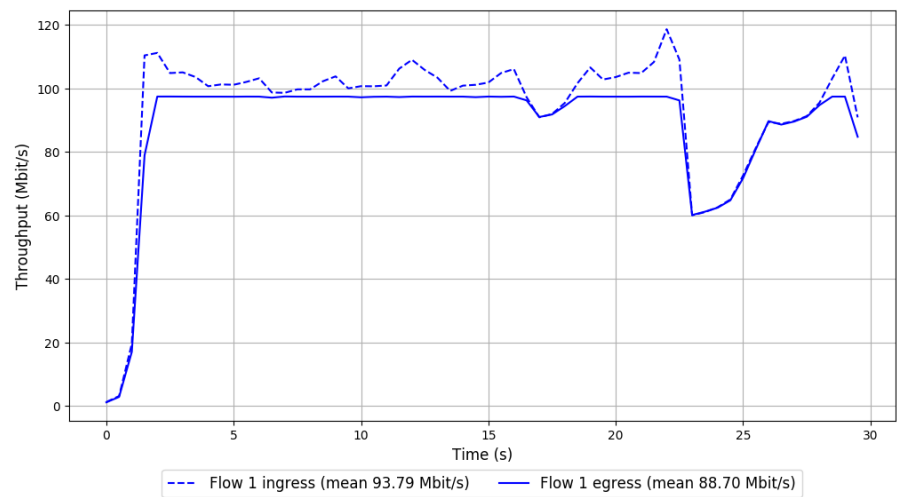


Run 2: Statistics of Vivace-loss

Start at: 2018-03-27 05:50:40
End at: 2018-03-27 05:51:10
Local clock offset: 0.021 ms
Remote clock offset: -6.985 ms

Below is generated by plot.py at 2018-03-27 10:12:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.70 Mbit/s
95th percentile per-packet one-way delay: 63.653 ms
Loss rate: 5.37%
-- Flow 1:
Average throughput: 88.70 Mbit/s
95th percentile per-packet one-way delay: 63.653 ms
Loss rate: 5.37%

Run 2: Report of Vivace-loss — Data Link



Run 3: Statistics of Vivace-loss

Start at: 2018-03-27 06:17:33

End at: 2018-03-27 06:18:03

Local clock offset: 2.965 ms

Remote clock offset: -3.089 ms

Below is generated by plot.py at 2018-03-27 10:12:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.76 Mbit/s

95th percentile per-packet one-way delay: 62.591 ms

Loss rate: 4.13%

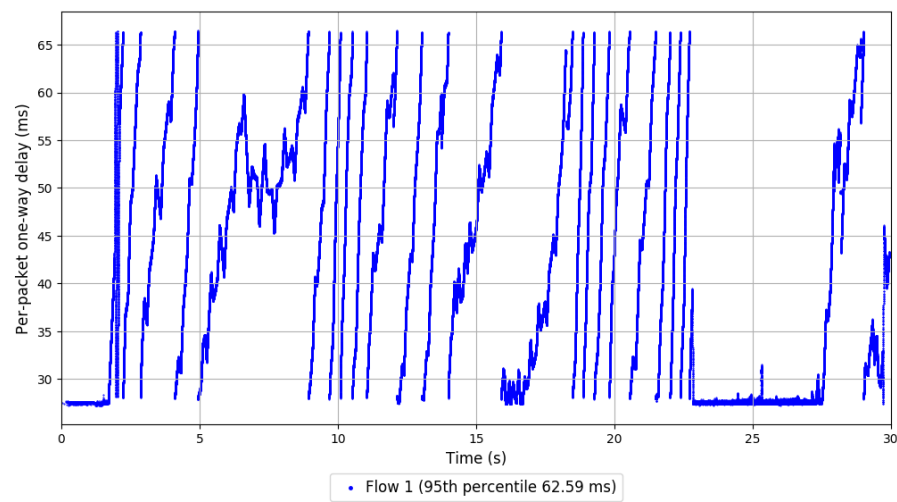
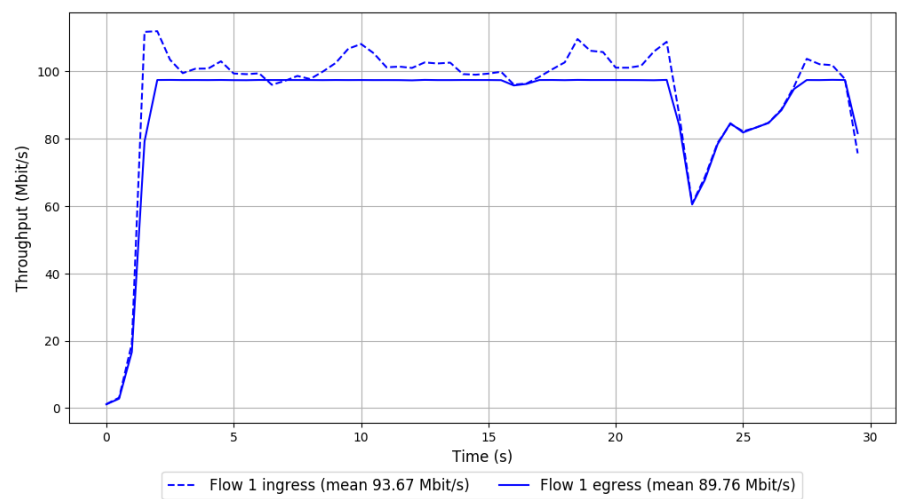
-- Flow 1:

Average throughput: 89.76 Mbit/s

95th percentile per-packet one-way delay: 62.591 ms

Loss rate: 4.13%

Run 3: Report of Vivace-loss — Data Link



Run 4: Statistics of Vivace-loss

Start at: 2018-03-27 06:44:54

End at: 2018-03-27 06:45:24

Local clock offset: -0.036 ms

Remote clock offset: -1.602 ms

Below is generated by plot.py at 2018-03-27 10:12:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.02 Mbit/s

95th percentile per-packet one-way delay: 63.763 ms

Loss rate: 3.66%

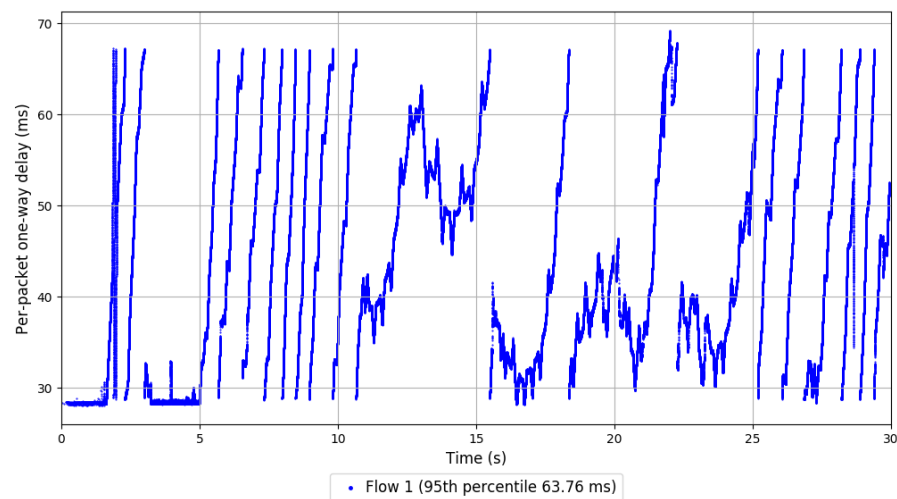
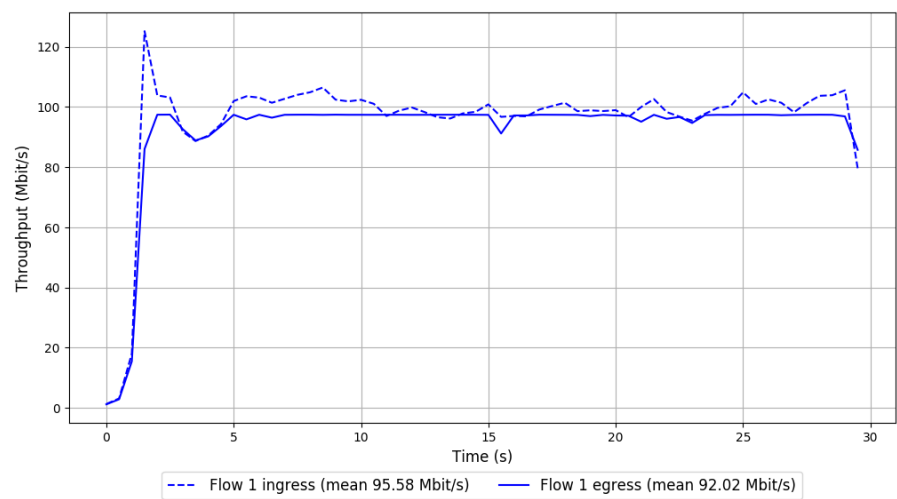
-- Flow 1:

Average throughput: 92.02 Mbit/s

95th percentile per-packet one-way delay: 63.763 ms

Loss rate: 3.66%

Run 4: Report of Vivace-loss — Data Link



Run 5: Statistics of Vivace-loss

Start at: 2018-03-27 07:11:27

End at: 2018-03-27 07:11:57

Local clock offset: 0.84 ms

Remote clock offset: 0.617 ms

Below is generated by plot.py at 2018-03-27 10:12:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.13 Mbit/s

95th percentile per-packet one-way delay: 67.064 ms

Loss rate: 5.74%

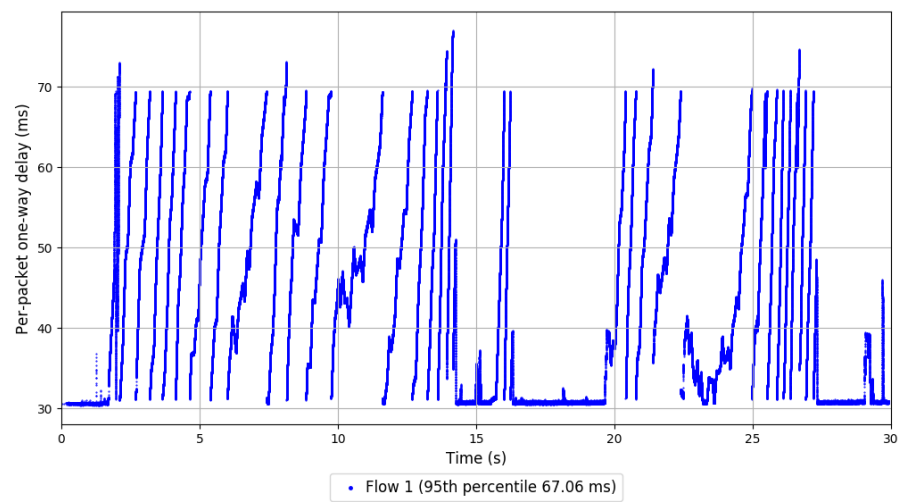
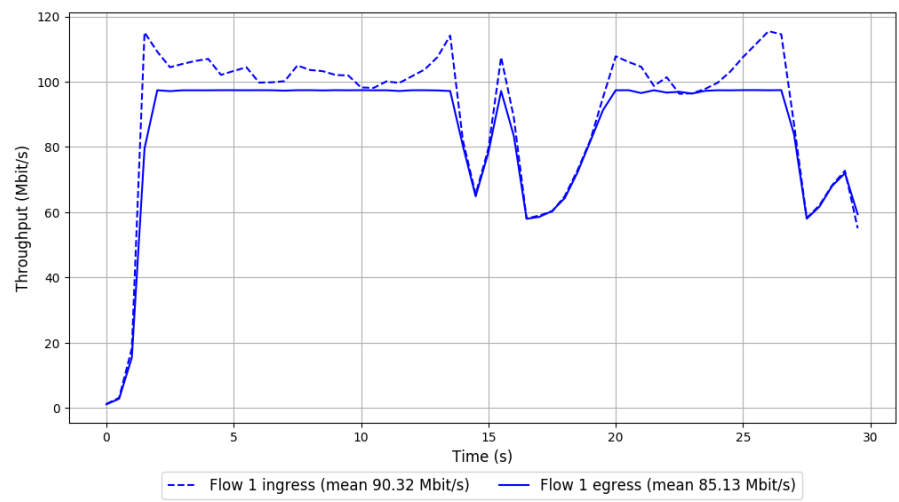
-- Flow 1:

Average throughput: 85.13 Mbit/s

95th percentile per-packet one-way delay: 67.064 ms

Loss rate: 5.74%

Run 5: Report of Vivace-loss — Data Link



Run 6: Statistics of Vivace-loss

Start at: 2018-03-27 07:37:12

End at: 2018-03-27 07:37:42

Local clock offset: 1.62 ms

Remote clock offset: -1.0 ms

Below is generated by plot.py at 2018-03-27 10:12:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.26 Mbit/s

95th percentile per-packet one-way delay: 63.301 ms

Loss rate: 5.27%

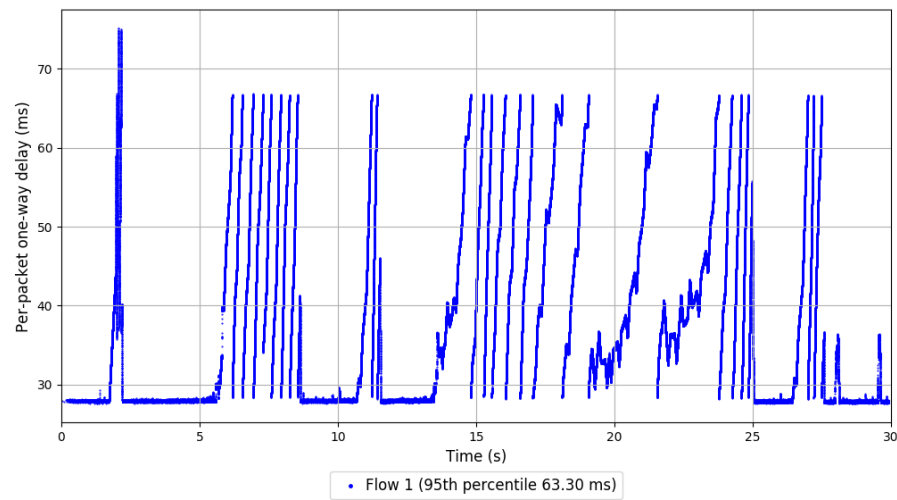
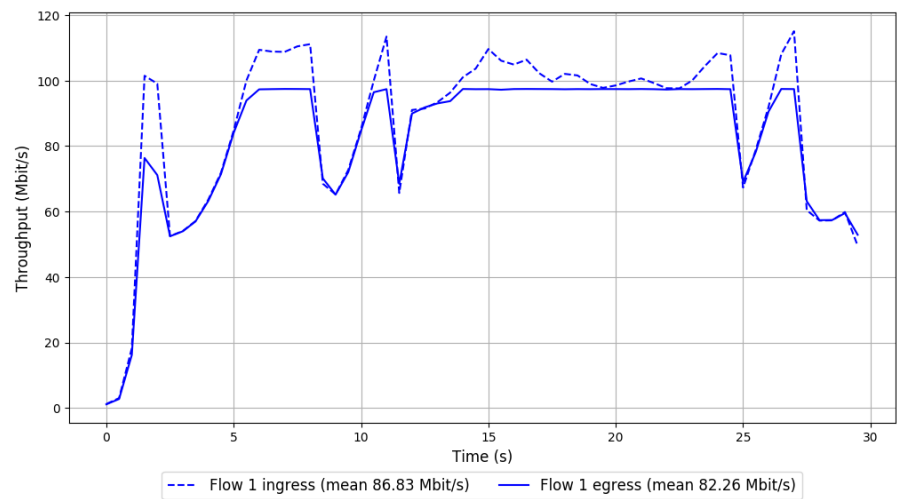
-- Flow 1:

Average throughput: 82.26 Mbit/s

95th percentile per-packet one-way delay: 63.301 ms

Loss rate: 5.27%

Run 6: Report of Vivace-loss — Data Link

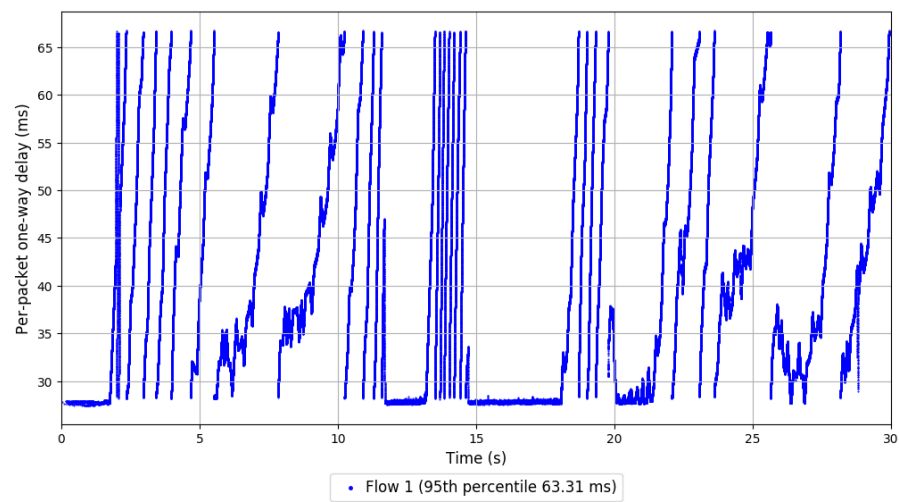
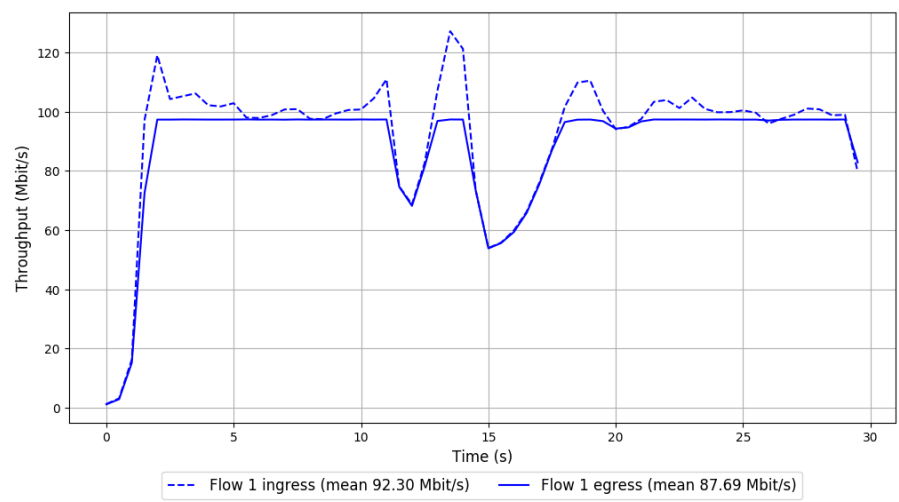


Run 7: Statistics of Vivace-loss

Start at: 2018-03-27 08:02:40
End at: 2018-03-27 08:03:10
Local clock offset: -0.38 ms
Remote clock offset: -5.677 ms

Below is generated by plot.py at 2018-03-27 10:12:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.69 Mbit/s
95th percentile per-packet one-way delay: 63.306 ms
Loss rate: 4.97%
-- Flow 1:
Average throughput: 87.69 Mbit/s
95th percentile per-packet one-way delay: 63.306 ms
Loss rate: 4.97%

Run 7: Report of Vivace-loss — Data Link

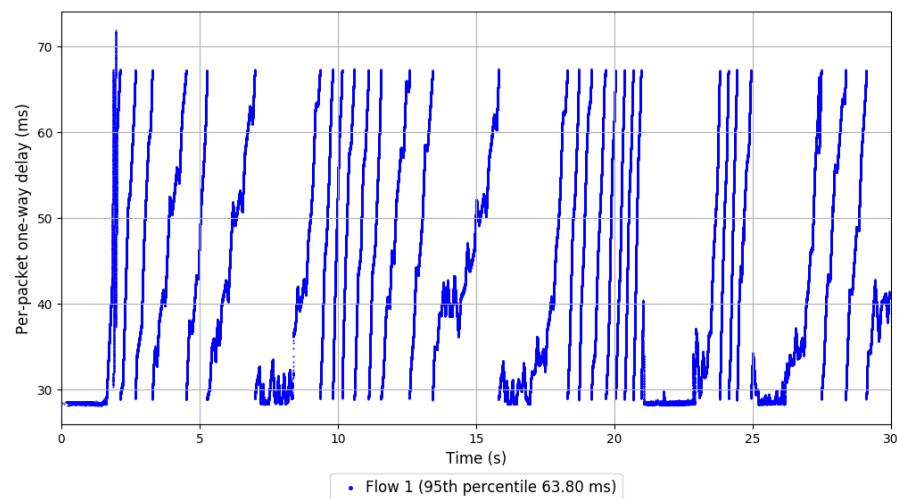
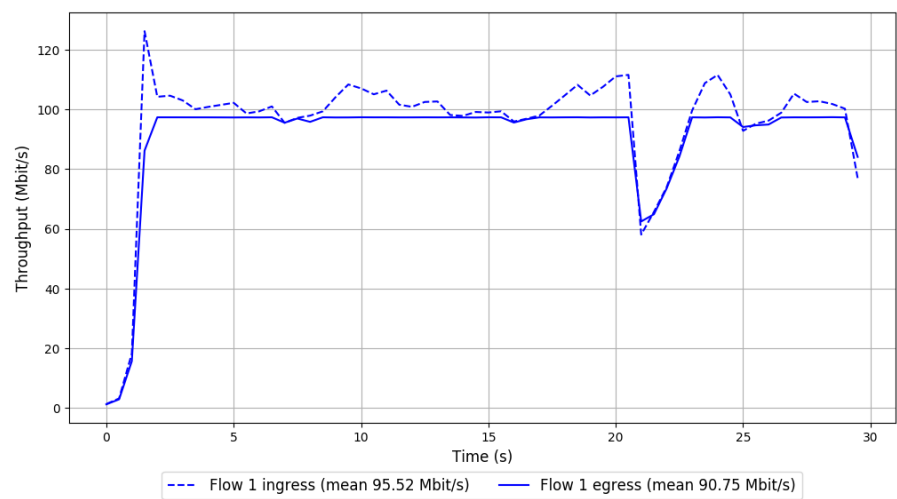


Run 8: Statistics of Vivace-loss

Start at: 2018-03-27 08:27:53
End at: 2018-03-27 08:28:23
Local clock offset: -0.217 ms
Remote clock offset: -3.695 ms

Below is generated by plot.py at 2018-03-27 10:12:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.75 Mbit/s
95th percentile per-packet one-way delay: 63.805 ms
Loss rate: 4.95%
-- Flow 1:
Average throughput: 90.75 Mbit/s
95th percentile per-packet one-way delay: 63.805 ms
Loss rate: 4.95%

Run 8: Report of Vivace-loss — Data Link



Run 9: Statistics of Vivace-loss

Start at: 2018-03-27 08:53:29

End at: 2018-03-27 08:53:59

Local clock offset: 1.341 ms

Remote clock offset: -2.138 ms

Below is generated by plot.py at 2018-03-27 10:12:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.48 Mbit/s

95th percentile per-packet one-way delay: 65.223 ms

Loss rate: 5.17%

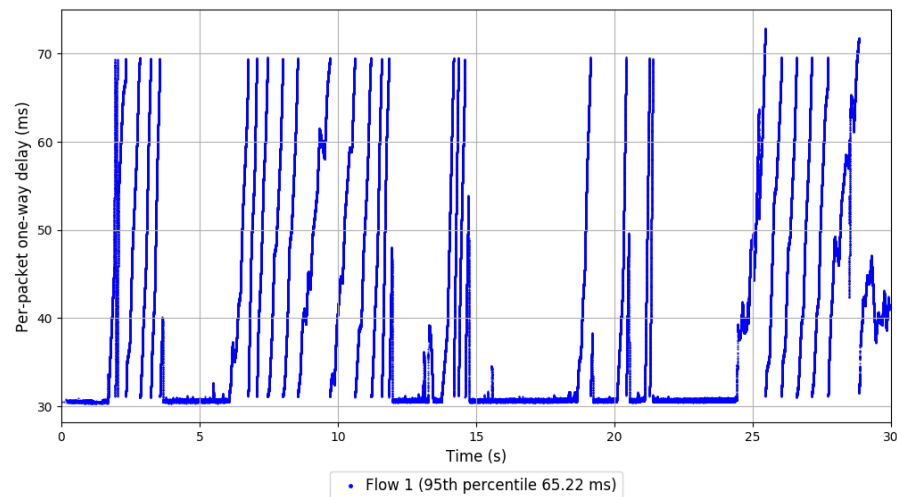
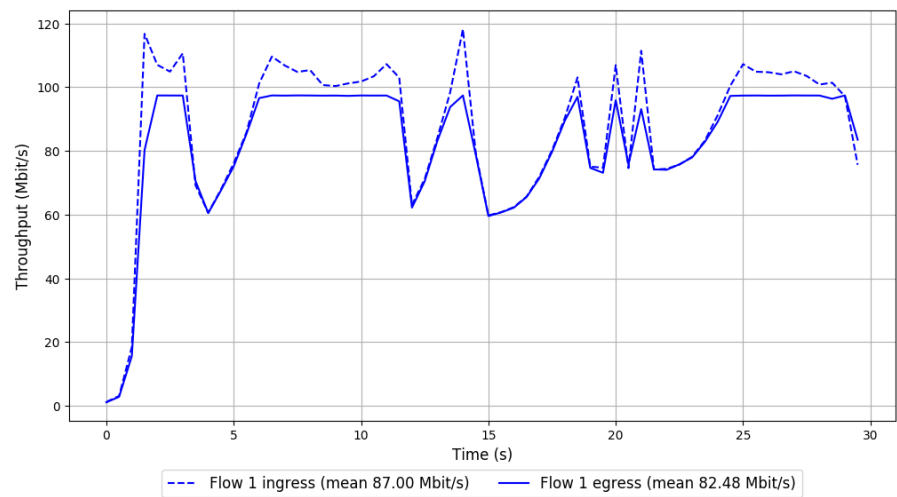
-- Flow 1:

Average throughput: 82.48 Mbit/s

95th percentile per-packet one-way delay: 65.223 ms

Loss rate: 5.17%

Run 9: Report of Vivace-loss — Data Link



Run 10: Statistics of Vivace-loss

Start at: 2018-03-27 09:18:00

End at: 2018-03-27 09:18:30

Local clock offset: 2.848 ms

Remote clock offset: -3.463 ms

Below is generated by plot.py at 2018-03-27 10:13:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.21 Mbit/s

95th percentile per-packet one-way delay: 66.242 ms

Loss rate: 5.70%

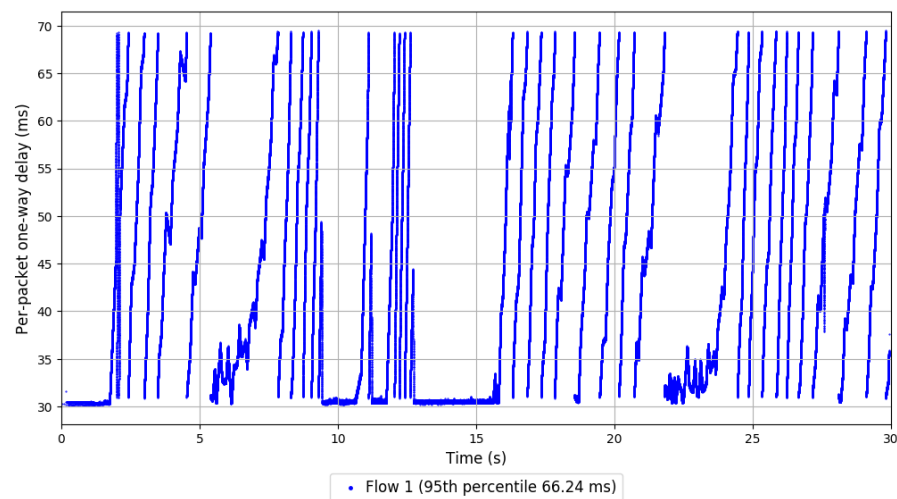
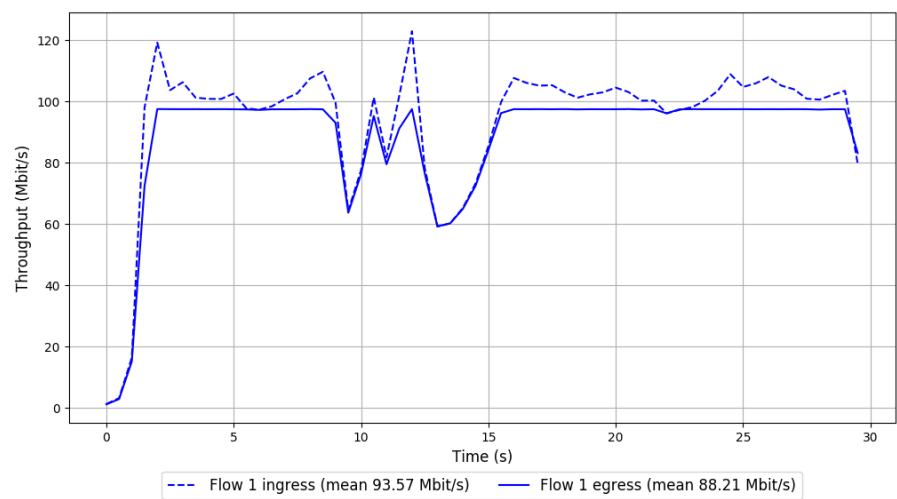
-- Flow 1:

Average throughput: 88.21 Mbit/s

95th percentile per-packet one-way delay: 66.242 ms

Loss rate: 5.70%

Run 10: Report of Vivace-loss — Data Link



Run 1: Statistics of Vivace-LTE

Start at: 2018-03-27 05:12:54

End at: 2018-03-27 05:13:24

Local clock offset: 0.22 ms

Remote clock offset: -6.913 ms

Below is generated by plot.py at 2018-03-27 10:13:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 27.87 Mbit/s

95th percentile per-packet one-way delay: 28.498 ms

Loss rate: 0.08%

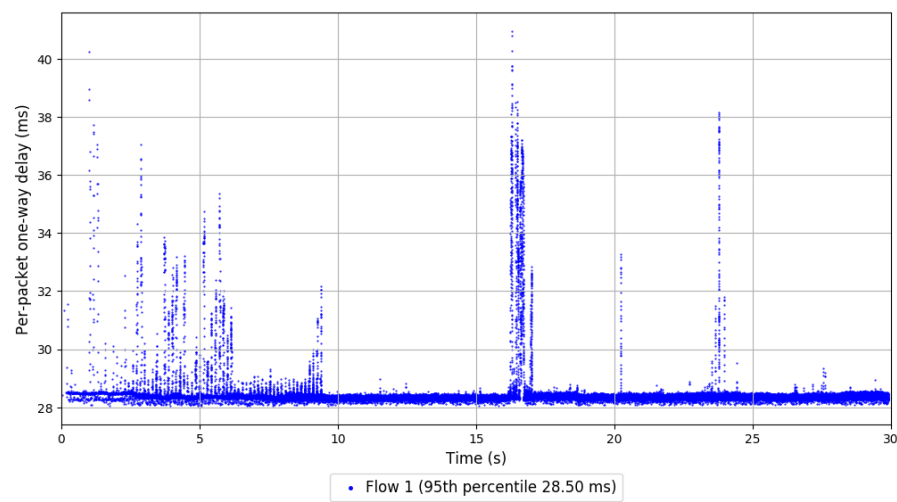
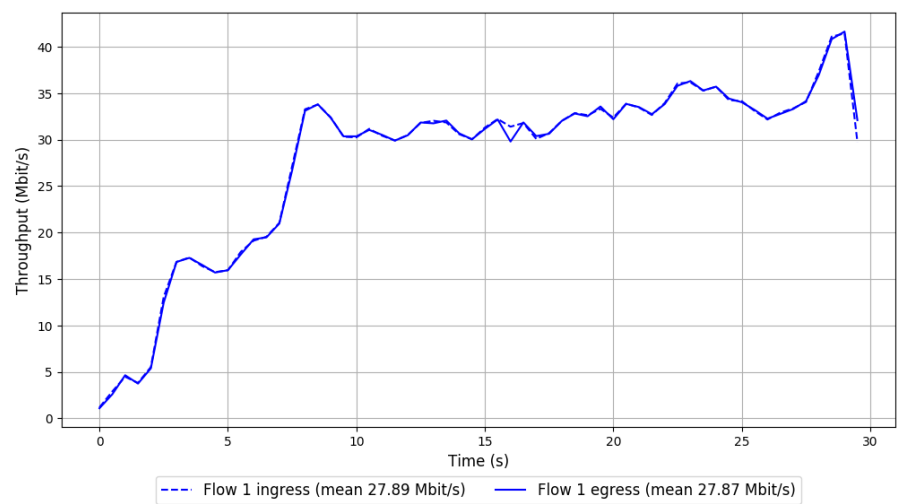
-- Flow 1:

Average throughput: 27.87 Mbit/s

95th percentile per-packet one-way delay: 28.498 ms

Loss rate: 0.08%

Run 1: Report of Vivace-LTE — Data Link

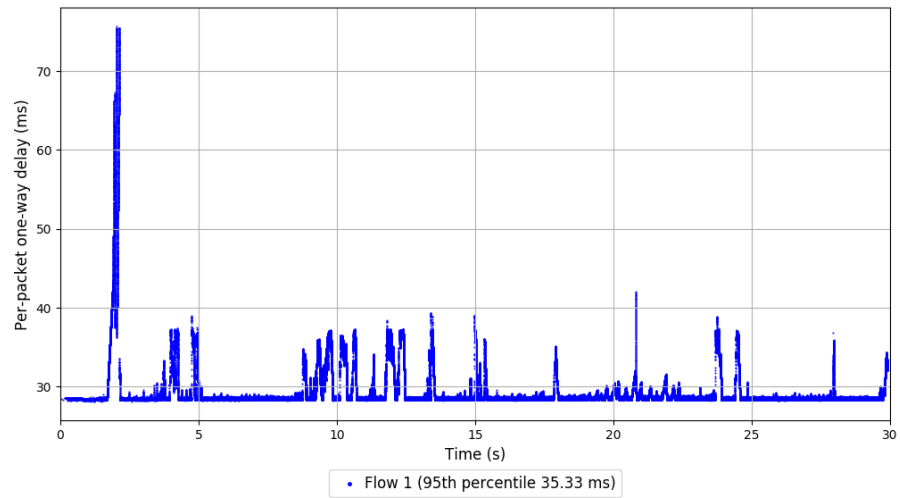
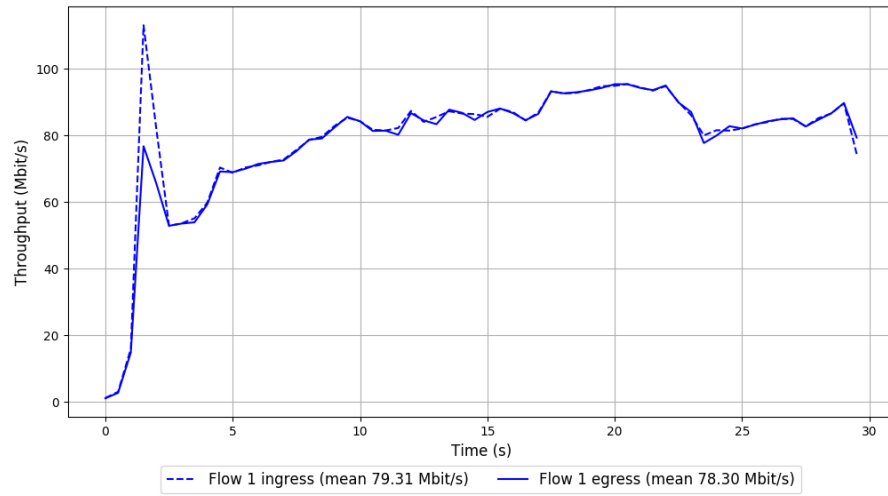


Run 2: Statistics of Vivace-LTE

Start at: 2018-03-27 05:39:56
End at: 2018-03-27 05:40:26
Local clock offset: 0.184 ms
Remote clock offset: -6.794 ms

Below is generated by plot.py at 2018-03-27 10:13:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.30 Mbit/s
95th percentile per-packet one-way delay: 35.333 ms
Loss rate: 1.27%
-- Flow 1:
Average throughput: 78.30 Mbit/s
95th percentile per-packet one-way delay: 35.333 ms
Loss rate: 1.27%

Run 2: Report of Vivace-LTE — Data Link



Run 3: Statistics of Vivace-LTE

Start at: 2018-03-27 06:06:53

End at: 2018-03-27 06:07:23

Local clock offset: 2.305 ms

Remote clock offset: -4.506 ms

Below is generated by plot.py at 2018-03-27 10:13:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.80 Mbit/s

95th percentile per-packet one-way delay: 48.842 ms

Loss rate: 0.72%

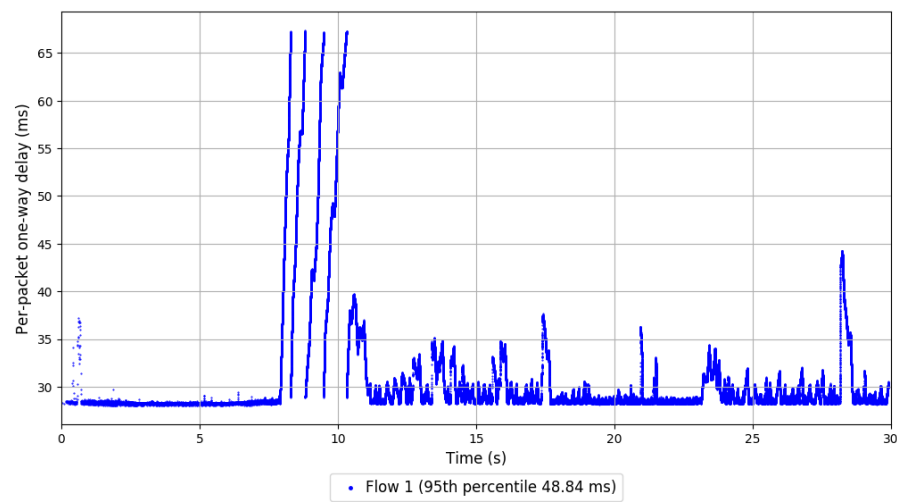
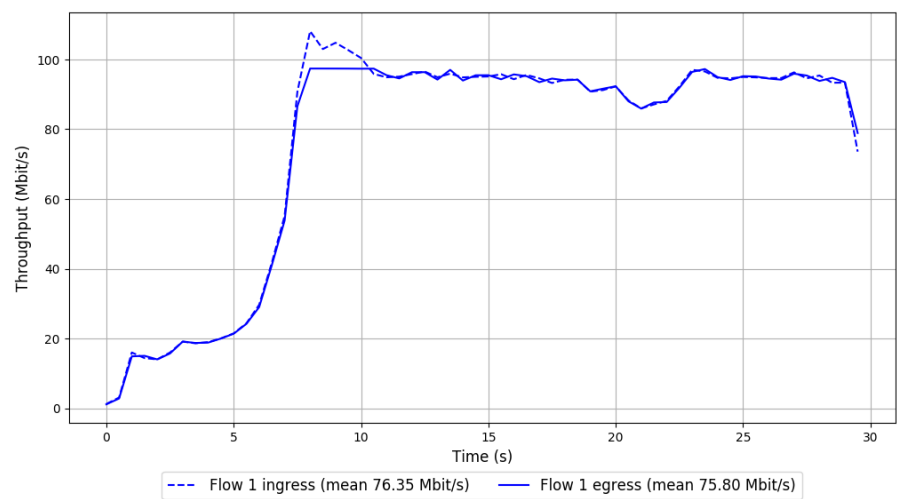
-- Flow 1:

Average throughput: 75.80 Mbit/s

95th percentile per-packet one-way delay: 48.842 ms

Loss rate: 0.72%

Run 3: Report of Vivace-LTE — Data Link

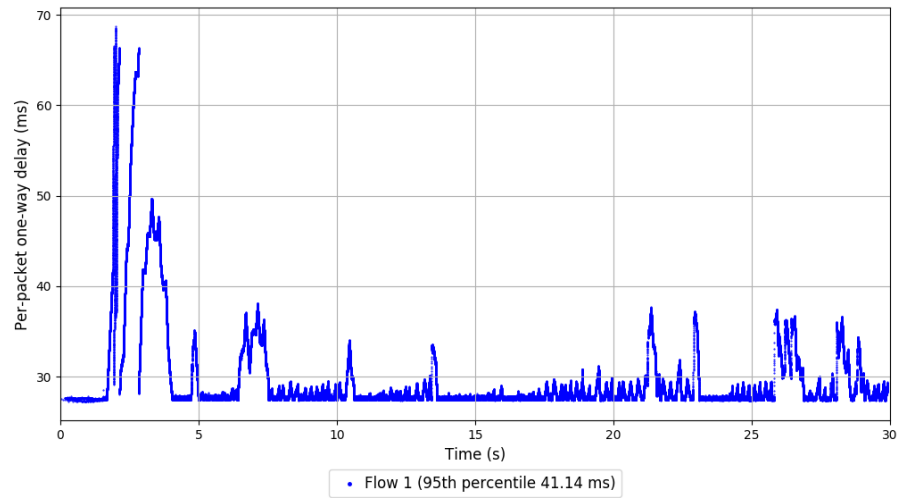
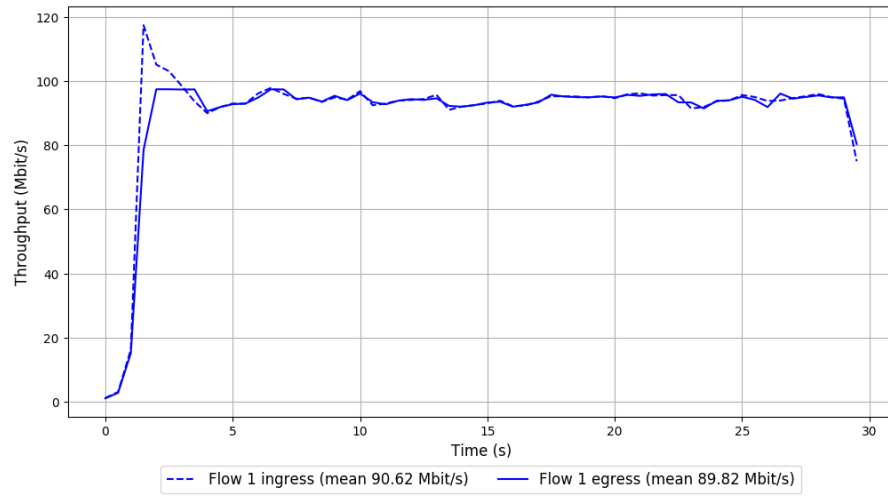


Run 4: Statistics of Vivace-LTE

Start at: 2018-03-27 06:34:01
End at: 2018-03-27 06:34:31
Local clock offset: 1.467 ms
Remote clock offset: -1.798 ms

Below is generated by plot.py at 2018-03-27 10:14:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.82 Mbit/s
95th percentile per-packet one-way delay: 41.141 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 89.82 Mbit/s
95th percentile per-packet one-way delay: 41.141 ms
Loss rate: 0.88%

Run 4: Report of Vivace-LTE — Data Link



Run 5: Statistics of Vivace-LTE

Start at: 2018-03-27 07:01:21

End at: 2018-03-27 07:01:51

Local clock offset: -1.02 ms

Remote clock offset: 1.804 ms

Below is generated by plot.py at 2018-03-27 10:14:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.82 Mbit/s

95th percentile per-packet one-way delay: 56.731 ms

Loss rate: 1.12%

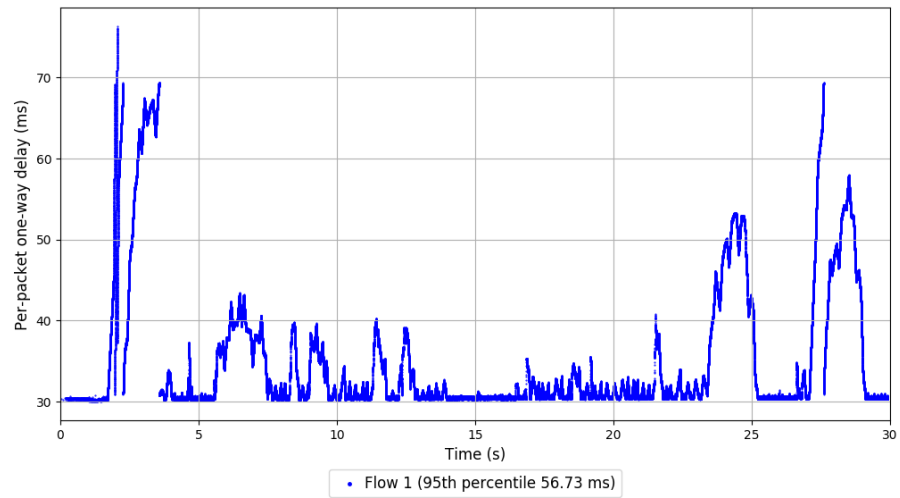
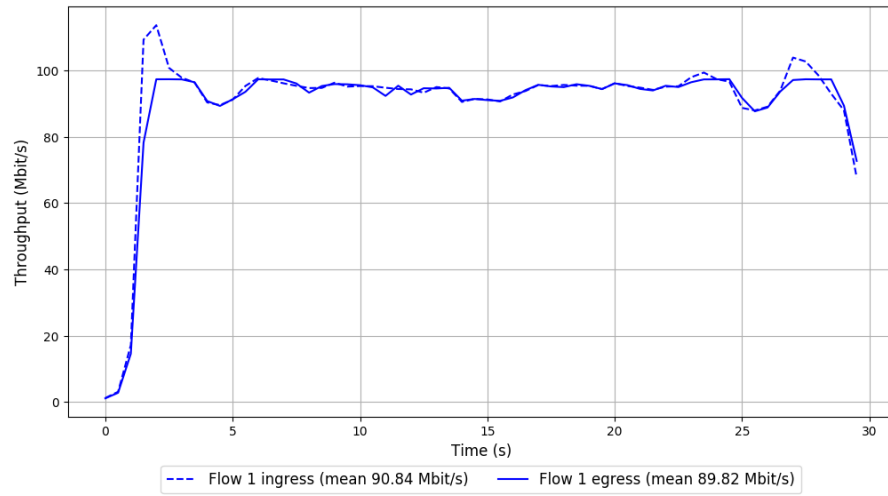
-- Flow 1:

Average throughput: 89.82 Mbit/s

95th percentile per-packet one-way delay: 56.731 ms

Loss rate: 1.12%

Run 5: Report of Vivace-LTE — Data Link



Run 6: Statistics of Vivace-LTE

Start at: 2018-03-27 07:27:07

End at: 2018-03-27 07:27:37

Local clock offset: 1.737 ms

Remote clock offset: 0.703 ms

Below is generated by plot.py at 2018-03-27 10:14:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.65 Mbit/s

95th percentile per-packet one-way delay: 39.061 ms

Loss rate: 0.95%

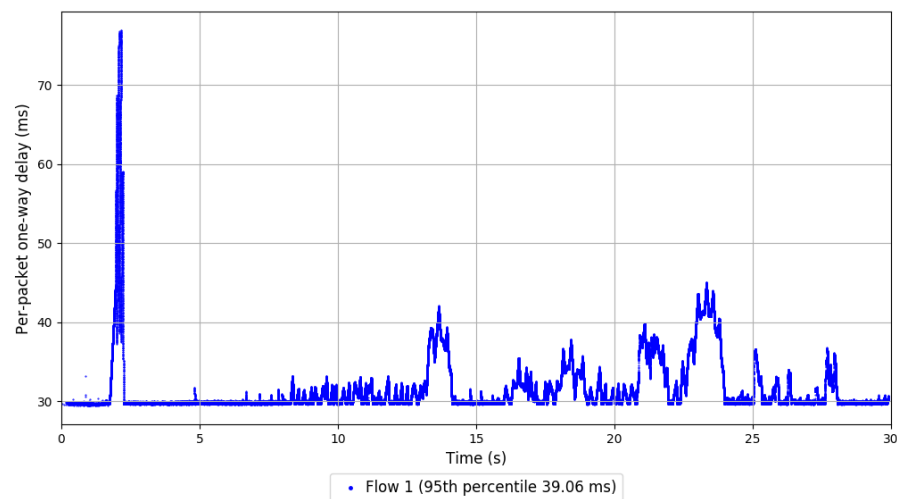
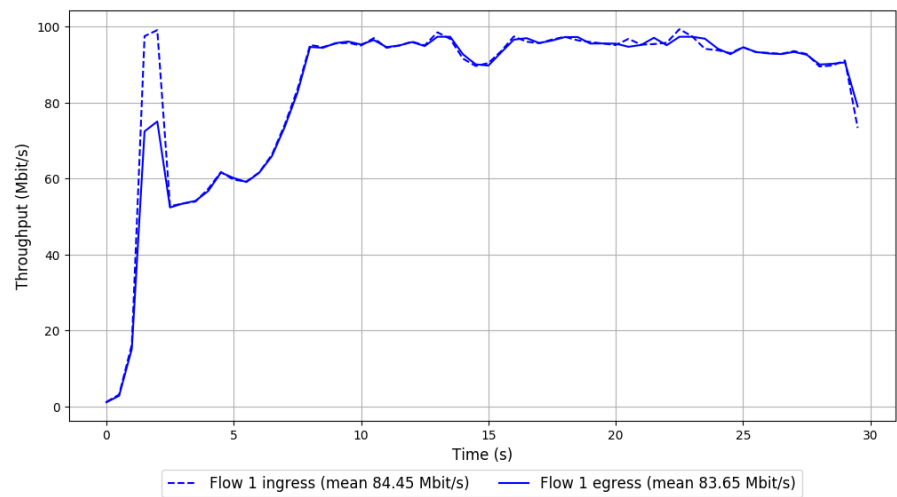
-- Flow 1:

Average throughput: 83.65 Mbit/s

95th percentile per-packet one-way delay: 39.061 ms

Loss rate: 0.95%

Run 6: Report of Vivace-LTE — Data Link

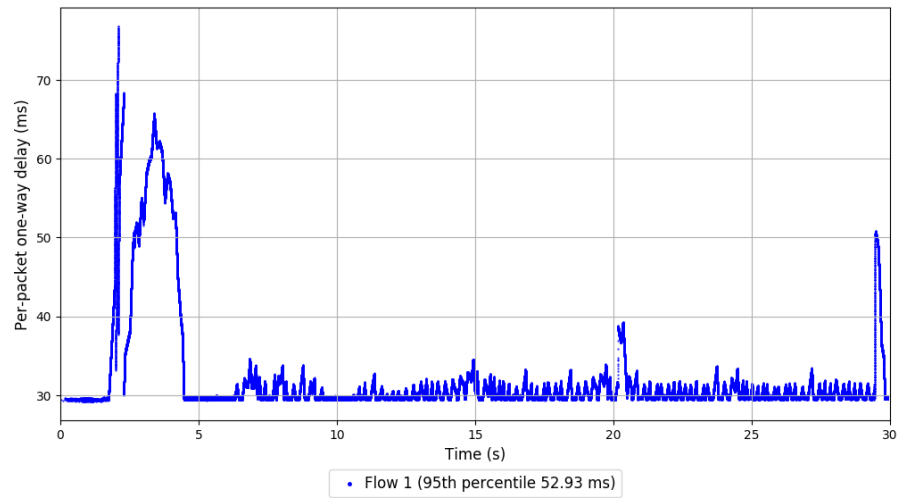
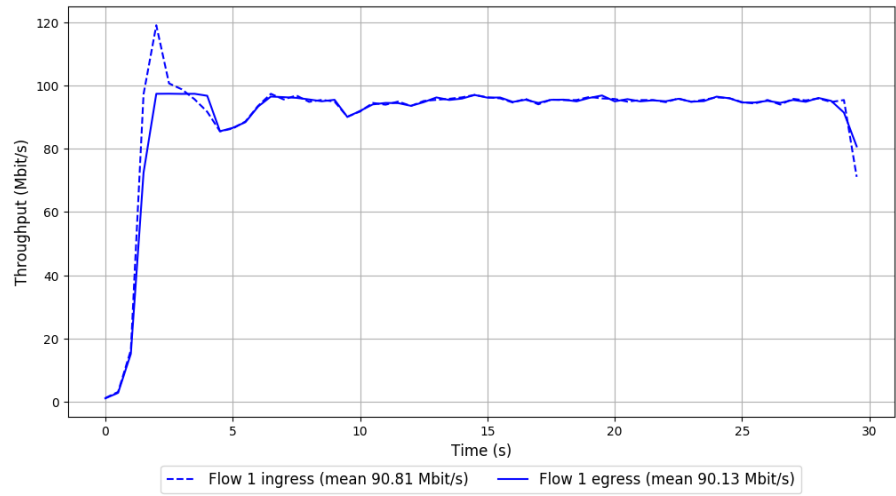


Run 7: Statistics of Vivace-LTE

Start at: 2018-03-27 07:52:56
End at: 2018-03-27 07:53:26
Local clock offset: 0.078 ms
Remote clock offset: -3.034 ms

Below is generated by plot.py at 2018-03-27 10:14:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.13 Mbit/s
95th percentile per-packet one-way delay: 52.928 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 90.13 Mbit/s
95th percentile per-packet one-way delay: 52.928 ms
Loss rate: 0.75%

Run 7: Report of Vivace-LTE — Data Link

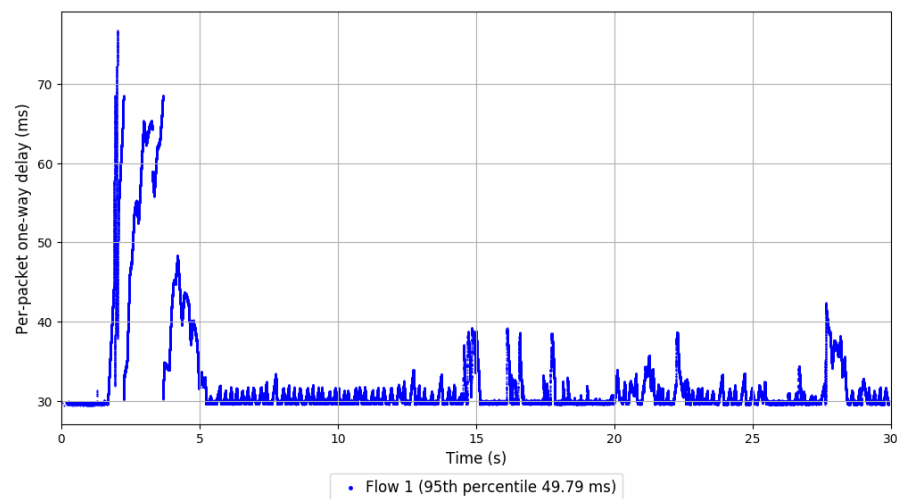
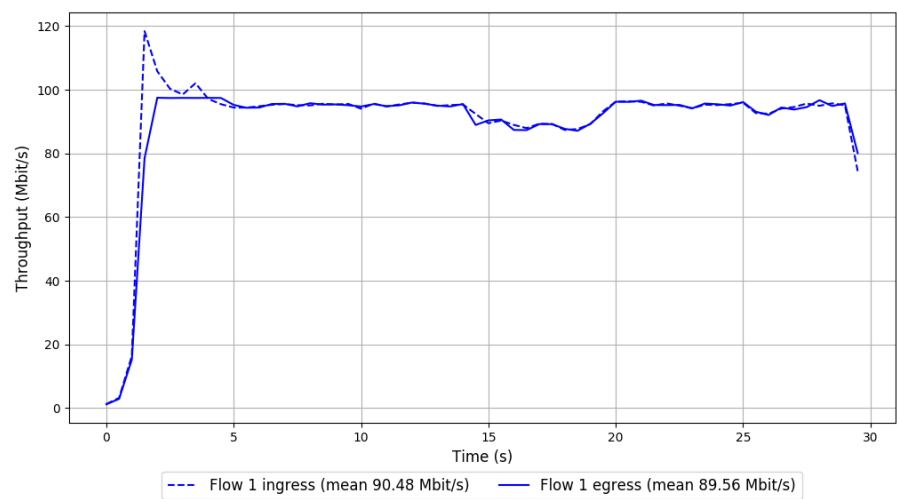


Run 8: Statistics of Vivace-LTE

Start at: 2018-03-27 08:18:13
End at: 2018-03-27 08:18:44
Local clock offset: -0.212 ms
Remote clock offset: -2.611 ms

Below is generated by plot.py at 2018-03-27 10:14:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.56 Mbit/s
95th percentile per-packet one-way delay: 49.792 ms
Loss rate: 1.02%
-- Flow 1:
Average throughput: 89.56 Mbit/s
95th percentile per-packet one-way delay: 49.792 ms
Loss rate: 1.02%

Run 8: Report of Vivace-LTE — Data Link

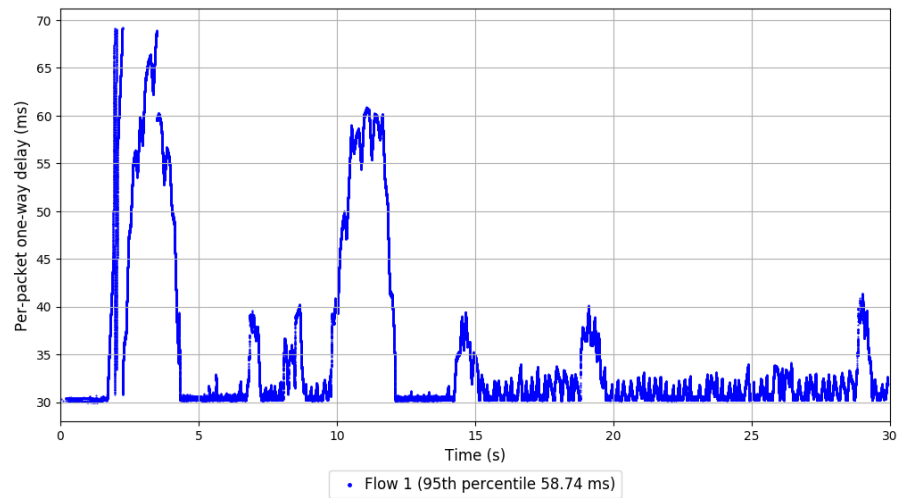
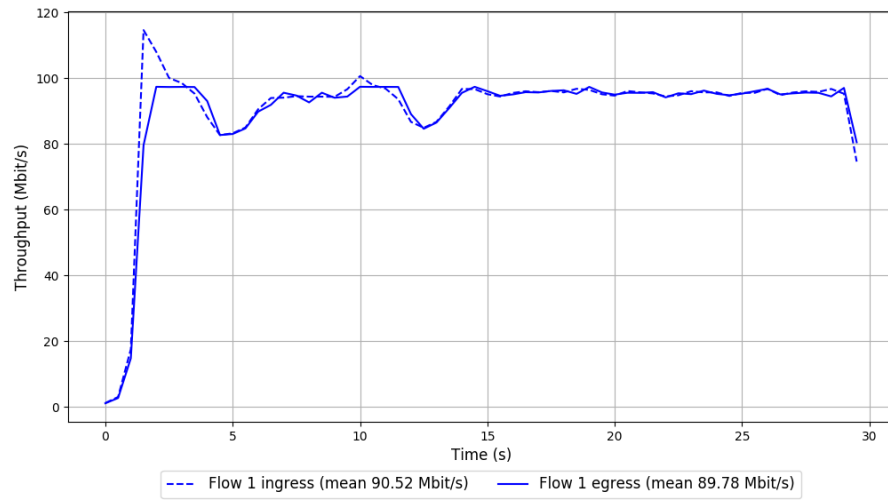


Run 9: Statistics of Vivace-LTE

Start at: 2018-03-27 08:43:20
End at: 2018-03-27 08:43:50
Local clock offset: -0.344 ms
Remote clock offset: -0.918 ms

Below is generated by plot.py at 2018-03-27 10:14:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.78 Mbit/s
95th percentile per-packet one-way delay: 58.738 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 89.78 Mbit/s
95th percentile per-packet one-way delay: 58.738 ms
Loss rate: 0.81%

Run 9: Report of Vivace-LTE — Data Link



Run 10: Statistics of Vivace-LTE

Start at: 2018-03-27 09:08:28

End at: 2018-03-27 09:08:58

Local clock offset: 2.547 ms

Remote clock offset: -2.731 ms

Below is generated by plot.py at 2018-03-27 10:14:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.75 Mbit/s

95th percentile per-packet one-way delay: 46.948 ms

Loss rate: 0.87%

-- Flow 1:

Average throughput: 90.75 Mbit/s

95th percentile per-packet one-way delay: 46.948 ms

Loss rate: 0.87%

Run 10: Report of Vivace-LTE — Data Link

