

Pantheon Report

Generated at 2018-02-04 12:35:14 (UTC).

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

Repeated the test of 17 congestion control schemes 10 times.

Each test lasted for 30 seconds running 1 flow.

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

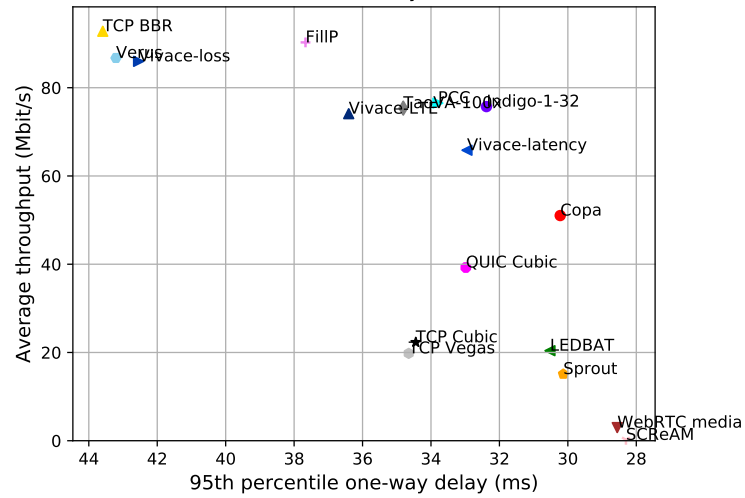
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

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

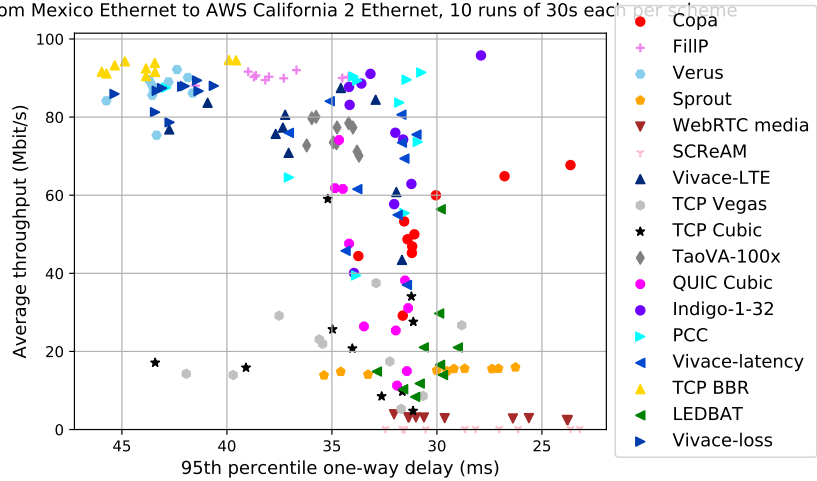
Git summary:

```
branch: master @ 70217998b3c9a7166a95460a70c0854d1326e100
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/fillp @ fb9c9ab842e5614ad52911a76fb9bd1c1b0dca86
third_party/genericCC @ 80b516c448f795fd6e9675f7177b69c622f07da8
third_party/indigo @ a9b2060d39e4da2e8987e893e3eca2a6c7cd0ab9
third_party/indigo-1-layer-128-unit @ 3ae9e4ef4230db7484501f82ce8b377695f2f66d
third_party/indigo-1-layer-32-unit @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/indigo-1-layer-32-unit-no-calib @ 1f3a7f75b41135ed5b540c0fd3505939528e2a5f
third_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ fb1053193c2861da659ba9013db26744ccfcf993
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaeab30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/vivace @ 7a4ba531e75b4a6f66f5c4580192120401784ce3
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

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



test from Mexico Ethernet to AWS California 2 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	92.80	43.59	1.13
TCP Cubic	10	22.31	34.44	0.51
LEDBAT	10	20.40	30.52	0.56
PCC	10	76.51	33.80	0.82
QUIC Cubic	10	39.25	32.98	0.65
SCReAM	10	0.19	28.30	0.41
WebRTC media	10	2.97	28.56	0.78
Sprout	10	15.11	30.13	0.61
TaoVA-100x	10	75.38	34.81	1.03
TCP Vegas	10	19.79	34.65	0.58
Verus	10	86.75	43.21	0.94
Copa	10	51.03	30.22	0.60
FillP	10	90.27	37.67	1.07
Indigo-1-32	10	75.72	32.38	0.69
Vivace-latency	10	65.83	32.95	0.83
Vivace-loss	10	85.98	42.54	1.13
Vivace-LTE	10	74.12	36.40	1.04

Run 1: Statistics of TCP BBR

Start at: 2018-02-04 04:16:07

End at: 2018-02-04 04:16:37

Local clock offset: 0.4 ms

Remote clock offset: -0.19 ms

Below is generated by plot.py at 2018-02-04 12:15:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.18 Mbit/s

95th percentile per-packet one-way delay: 45.734 ms

Loss rate: 2.31%

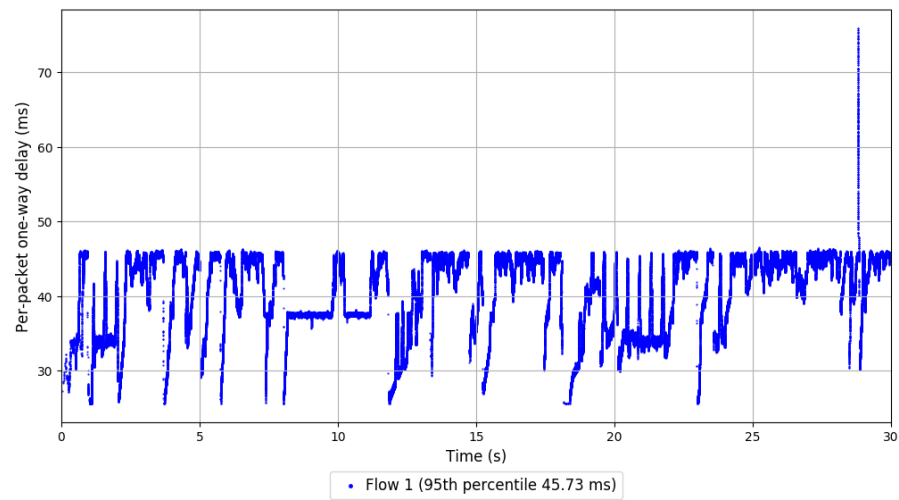
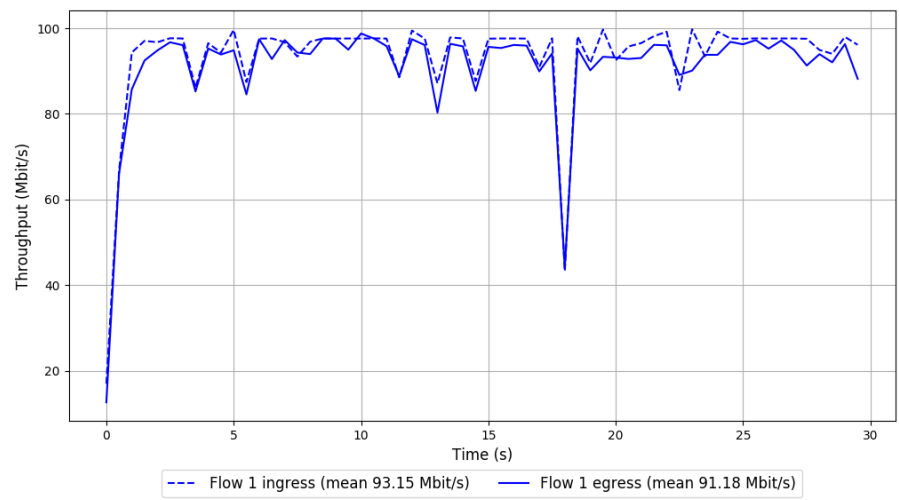
-- Flow 1:

Average throughput: 91.18 Mbit/s

95th percentile per-packet one-way delay: 45.734 ms

Loss rate: 2.31%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2018-02-04 04:42:23

End at: 2018-02-04 04:42:53

Local clock offset: 0.571 ms

Remote clock offset: 2.115 ms

Below is generated by plot.py at 2018-02-04 12:15:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.57 Mbit/s

95th percentile per-packet one-way delay: 43.420 ms

Loss rate: 1.42%

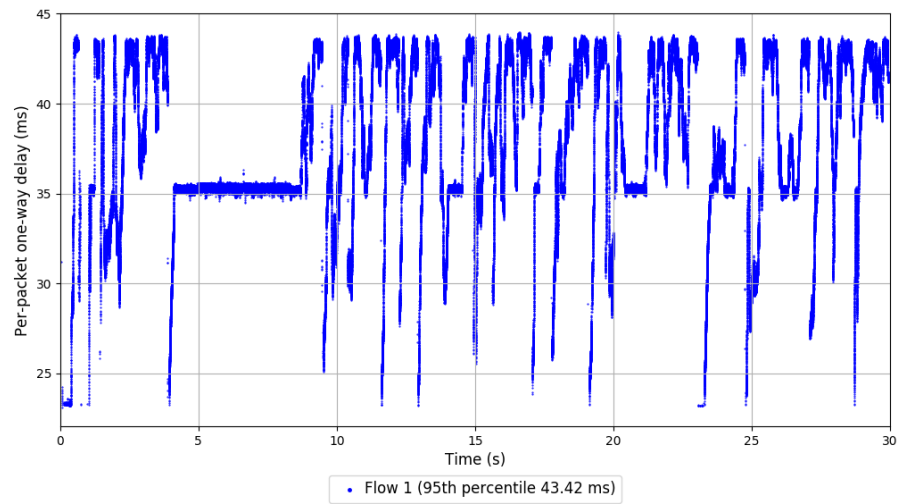
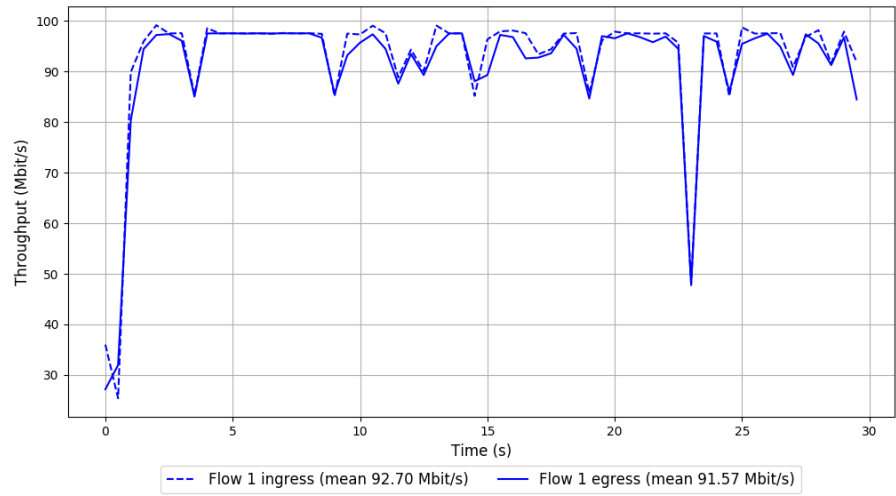
-- Flow 1:

Average throughput: 91.57 Mbit/s

95th percentile per-packet one-way delay: 43.420 ms

Loss rate: 1.42%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2018-02-04 05:07:23

End at: 2018-02-04 05:07:53

Local clock offset: 0.613 ms

Remote clock offset: -0.945 ms

Below is generated by plot.py at 2018-02-04 12:15:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.63 Mbit/s

95th percentile per-packet one-way delay: 45.958 ms

Loss rate: 1.53%

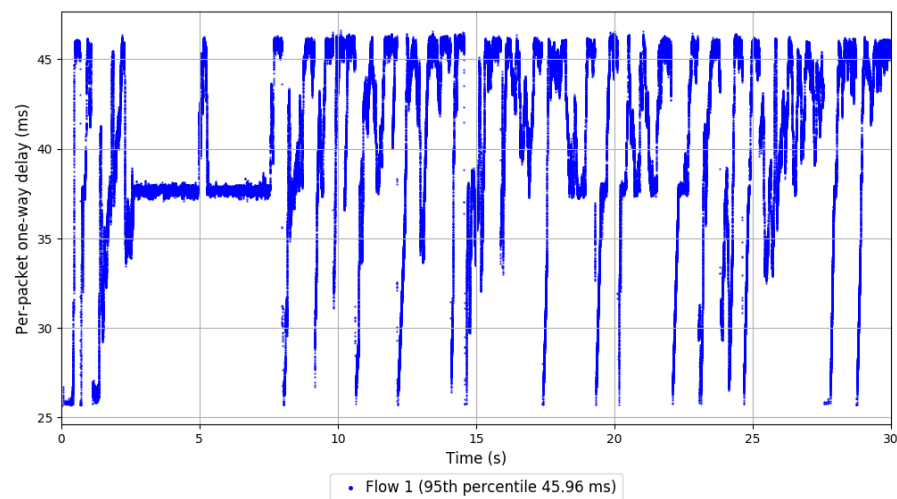
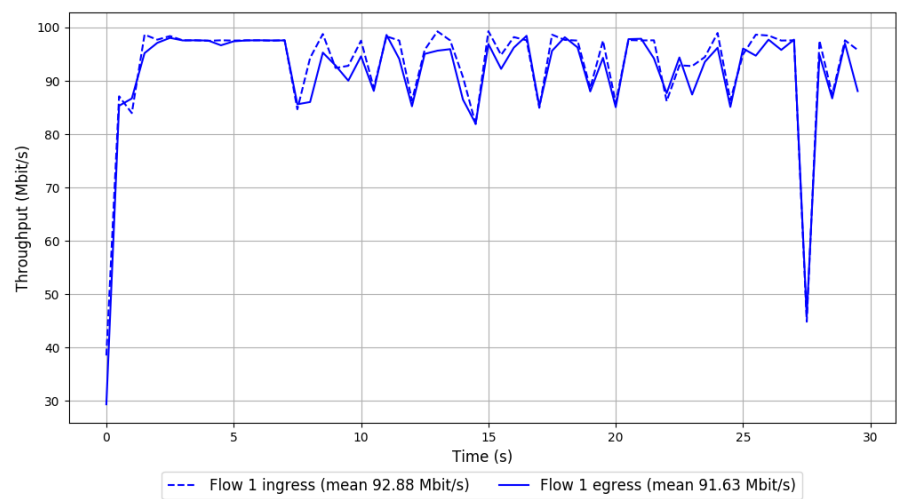
-- Flow 1:

Average throughput: 91.63 Mbit/s

95th percentile per-packet one-way delay: 45.958 ms

Loss rate: 1.53%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2018-02-04 05:32:36

End at: 2018-02-04 05:33:06

Local clock offset: 0.477 ms

Remote clock offset: 0.447 ms

Below is generated by plot.py at 2018-02-04 12:15:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.51 Mbit/s

95th percentile per-packet one-way delay: 43.847 ms

Loss rate: 1.95%

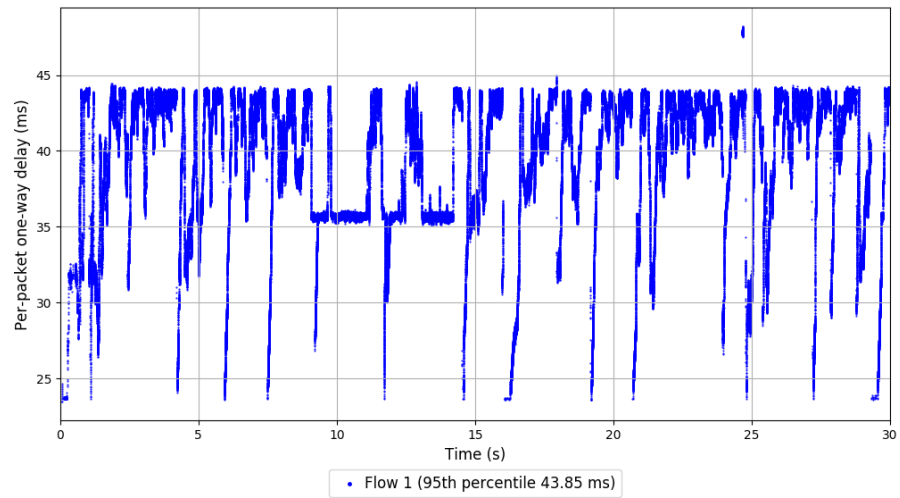
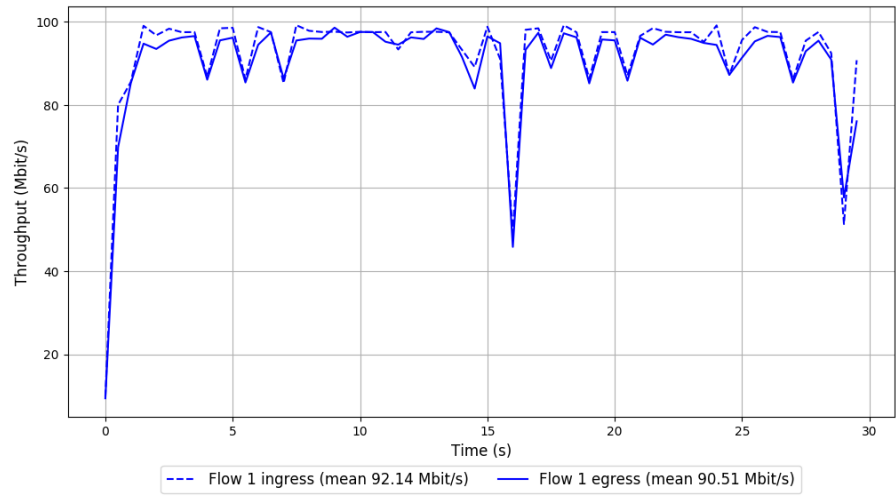
-- Flow 1:

Average throughput: 90.51 Mbit/s

95th percentile per-packet one-way delay: 43.847 ms

Loss rate: 1.95%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2018-02-04 05:57:18

End at: 2018-02-04 05:57:49

Local clock offset: 0.363 ms

Remote clock offset: 0.167 ms

Below is generated by plot.py at 2018-02-04 12:15:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.62 Mbit/s

95th percentile per-packet one-way delay: 39.910 ms

Loss rate: 0.37%

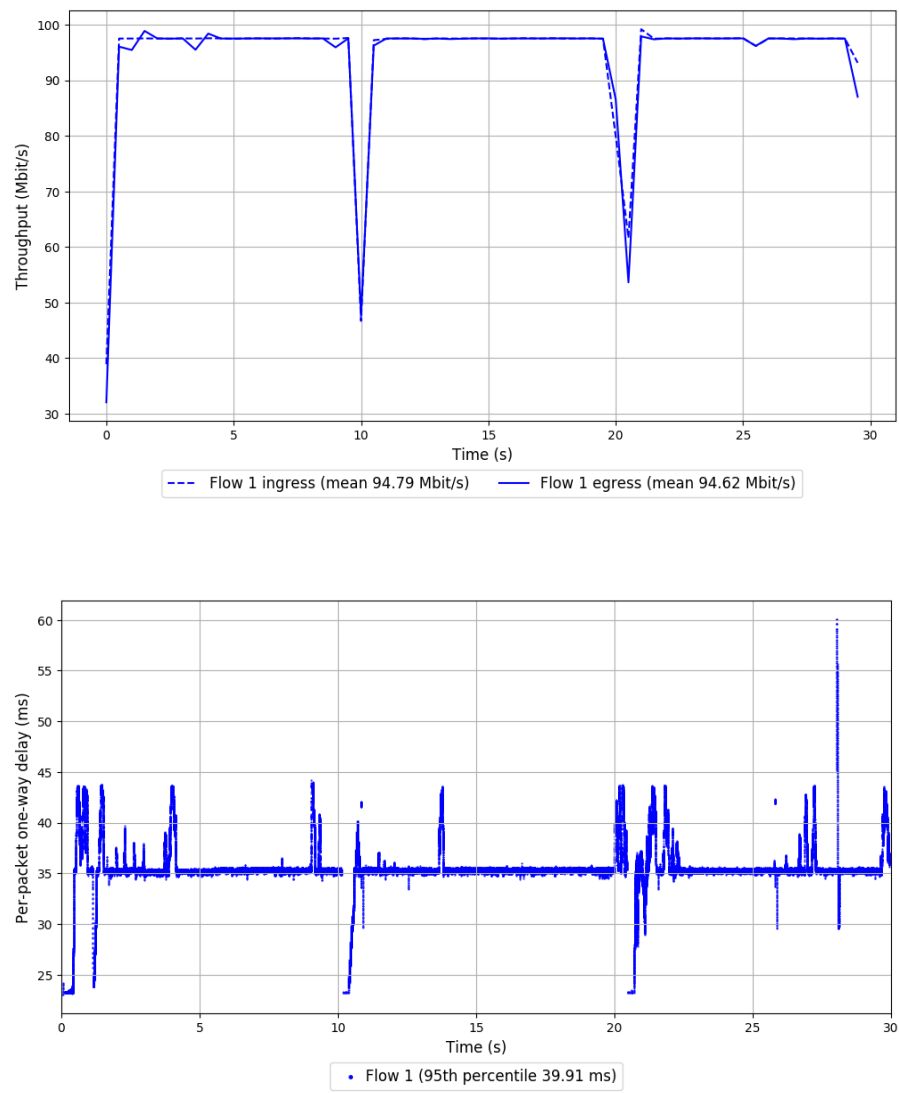
-- Flow 1:

Average throughput: 94.62 Mbit/s

95th percentile per-packet one-way delay: 39.910 ms

Loss rate: 0.37%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: 2018-02-04 06:22:07

End at: 2018-02-04 06:22:37

Local clock offset: 0.309 ms

Remote clock offset: -2.323 ms

Below is generated by plot.py at 2018-02-04 12:15:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.27 Mbit/s

95th percentile per-packet one-way delay: 45.342 ms

Loss rate: 0.69%

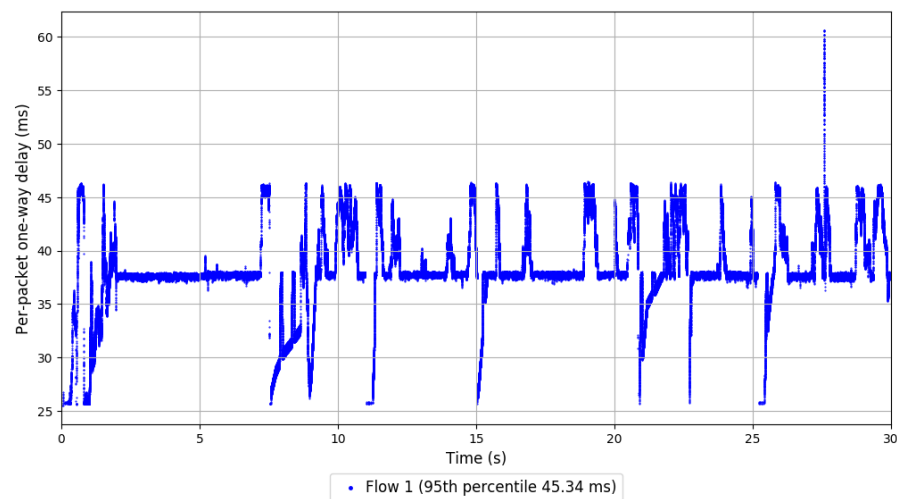
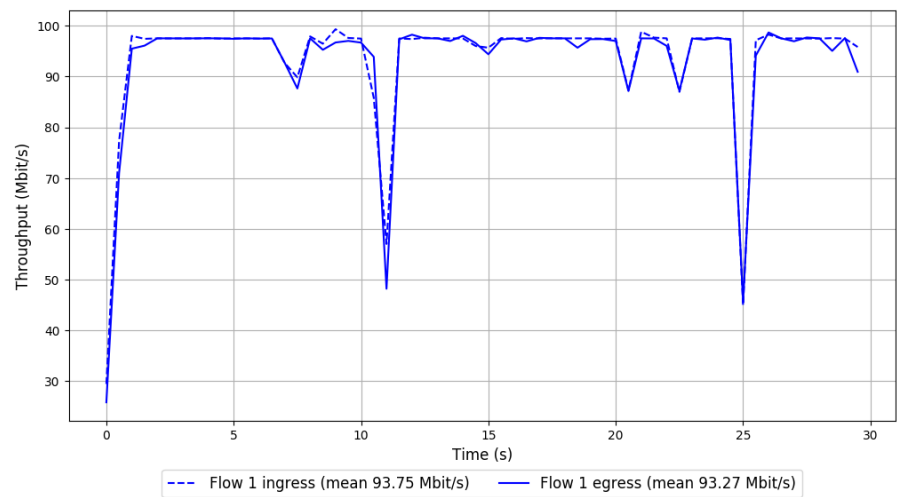
-- Flow 1:

Average throughput: 93.27 Mbit/s

95th percentile per-packet one-way delay: 45.342 ms

Loss rate: 0.69%

Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

Start at: 2018-02-04 06:46:39

End at: 2018-02-04 06:47:09

Local clock offset: 0.468 ms

Remote clock offset: 0.856 ms

Below is generated by plot.py at 2018-02-04 12:15:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.48 Mbit/s

95th percentile per-packet one-way delay: 43.853 ms

Loss rate: 1.51%

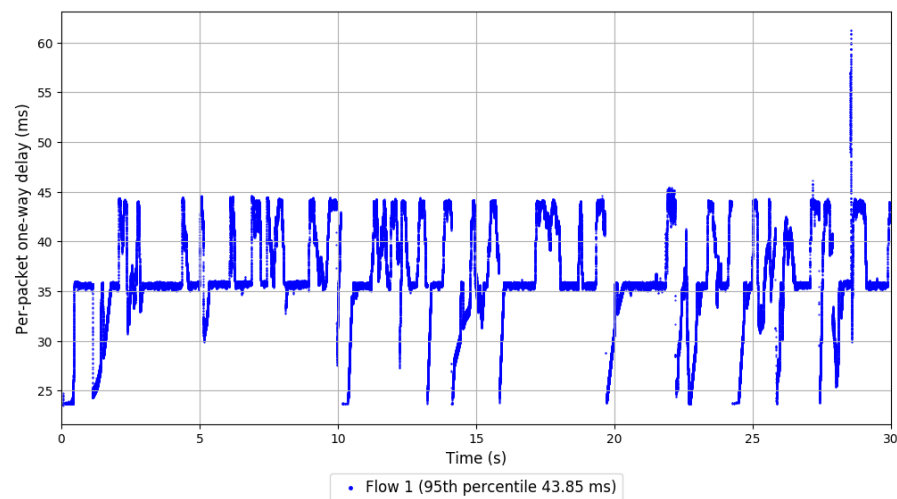
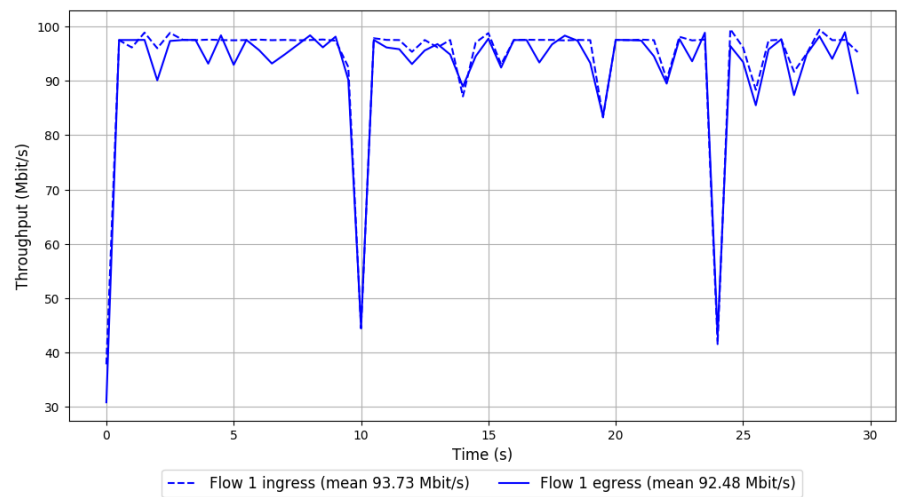
-- Flow 1:

Average throughput: 92.48 Mbit/s

95th percentile per-packet one-way delay: 43.853 ms

Loss rate: 1.51%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: 2018-02-04 07:11:23

End at: 2018-02-04 07:11:53

Local clock offset: 0.687 ms

Remote clock offset: 2.164 ms

Below is generated by plot.py at 2018-02-04 12:15:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.56 Mbit/s

95th percentile per-packet one-way delay: 39.565 ms

Loss rate: 0.35%

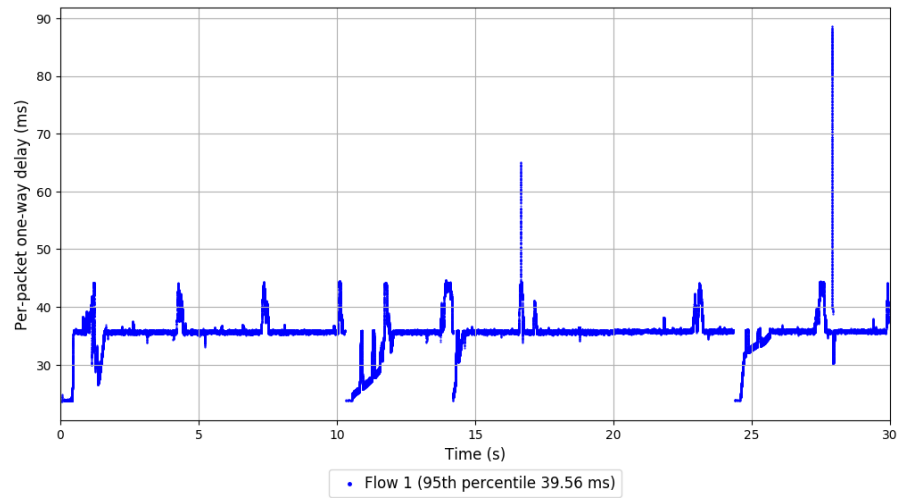
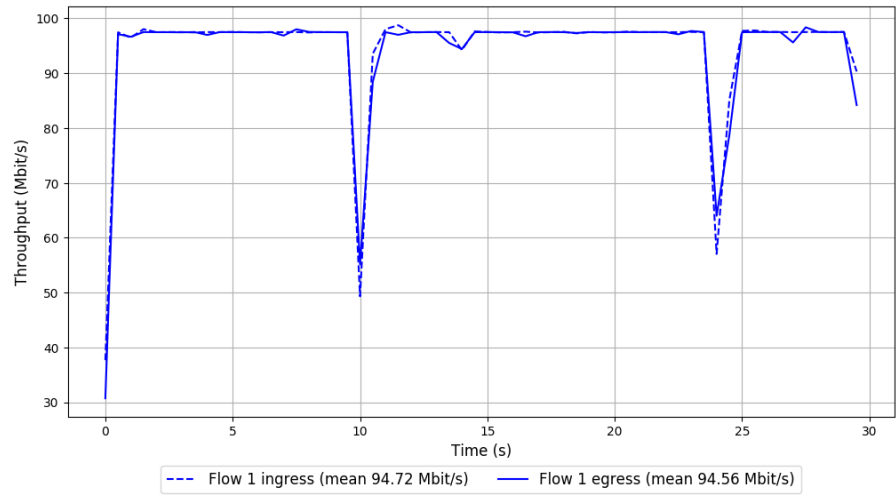
-- Flow 1:

Average throughput: 94.56 Mbit/s

95th percentile per-packet one-way delay: 39.565 ms

Loss rate: 0.35%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: 2018-02-04 07:35:48

End at: 2018-02-04 07:36:18

Local clock offset: 0.837 ms

Remote clock offset: 0.498 ms

Below is generated by plot.py at 2018-02-04 12:17:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.30 Mbit/s

95th percentile per-packet one-way delay: 44.859 ms

Loss rate: 0.47%

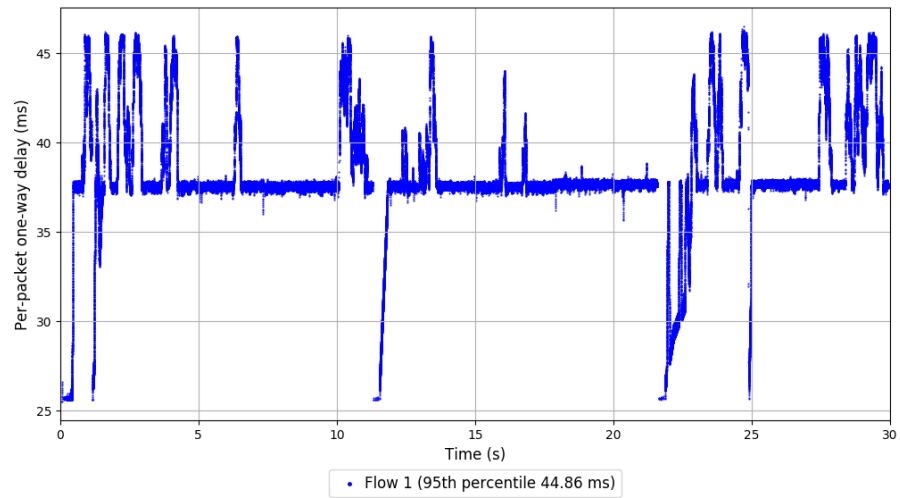
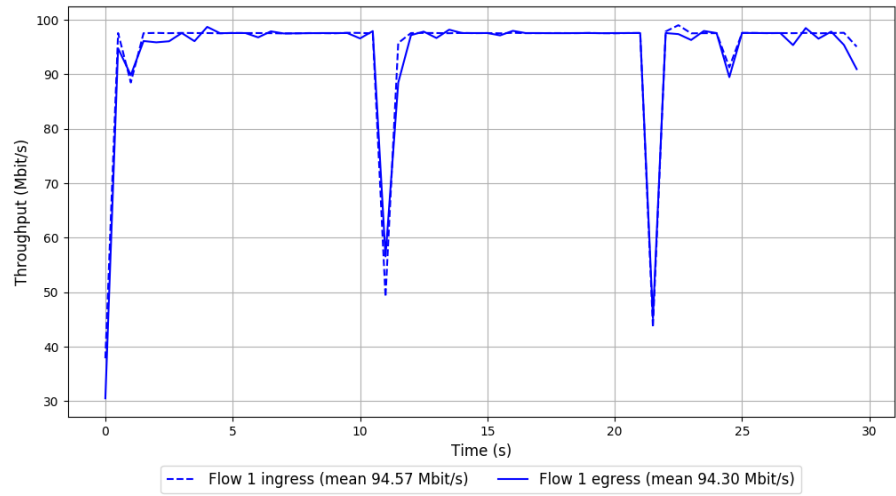
-- Flow 1:

Average throughput: 94.30 Mbit/s

95th percentile per-packet one-way delay: 44.859 ms

Loss rate: 0.47%

Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

Start at: 2018-02-04 08:00:06

End at: 2018-02-04 08:00:36

Local clock offset: 0.944 ms

Remote clock offset: 1.231 ms

Below is generated by plot.py at 2018-02-04 12:17:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.90 Mbit/s

95th percentile per-packet one-way delay: 43.434 ms

Loss rate: 0.67%

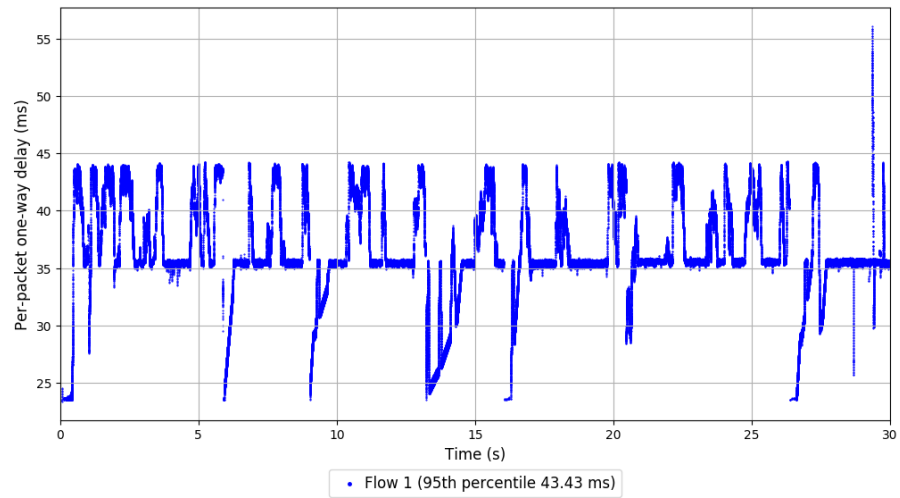
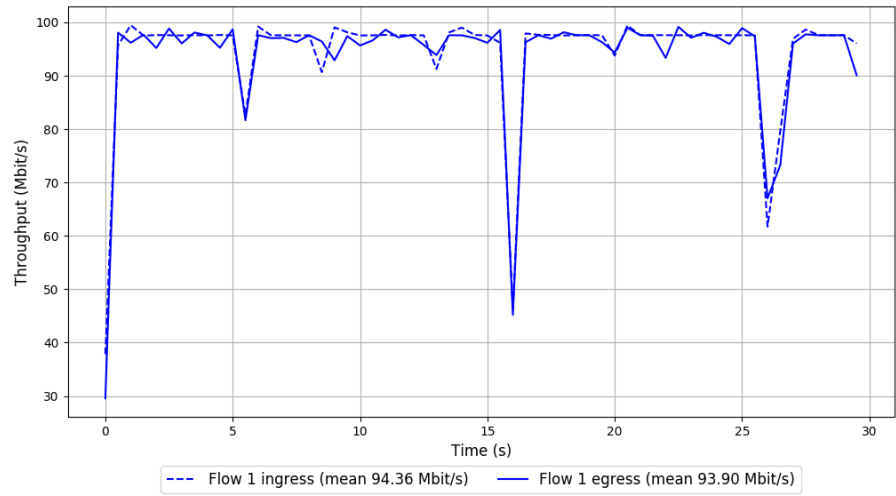
-- Flow 1:

Average throughput: 93.90 Mbit/s

95th percentile per-packet one-way delay: 43.434 ms

Loss rate: 0.67%

Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of TCP Cubic

Start at: 2018-02-04 04:03:04

End at: 2018-02-04 04:03:34

Local clock offset: 0.266 ms

Remote clock offset: -0.971 ms

Below is generated by plot.py at 2018-02-04 12:17:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 17.12 Mbit/s

95th percentile per-packet one-way delay: 43.416 ms

Loss rate: 0.60%

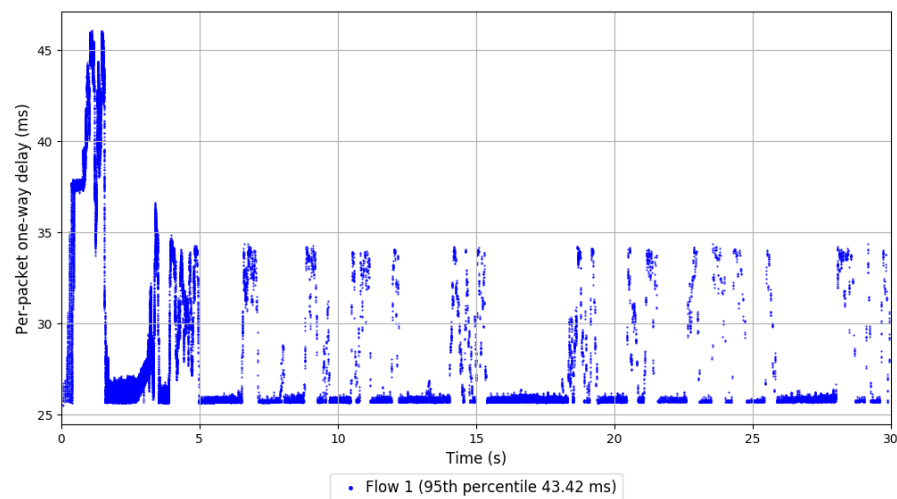
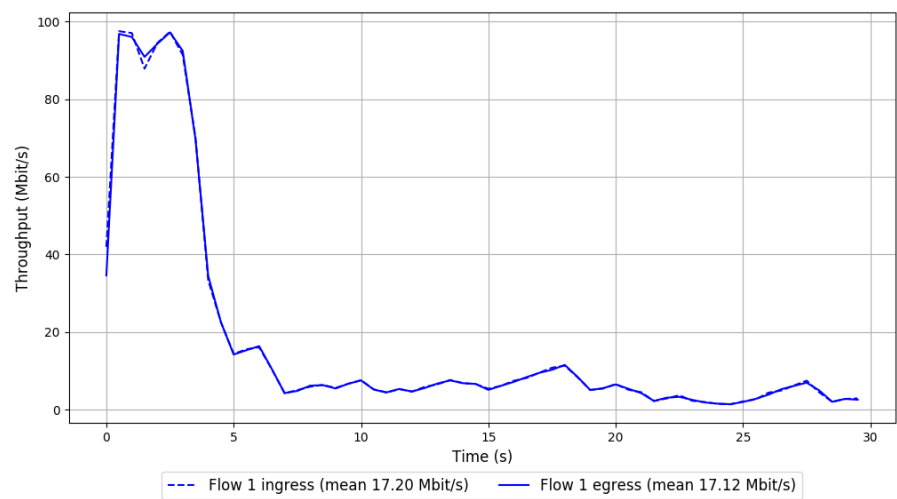
-- Flow 1:

Average throughput: 17.12 Mbit/s

95th percentile per-packet one-way delay: 43.416 ms

Loss rate: 0.60%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: 2018-02-04 04:29:52

End at: 2018-02-04 04:30:22

Local clock offset: 0.441 ms

Remote clock offset: 2.641 ms

Below is generated by plot.py at 2018-02-04 12:17:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.78 Mbit/s

95th percentile per-packet one-way delay: 31.136 ms

Loss rate: 0.80%

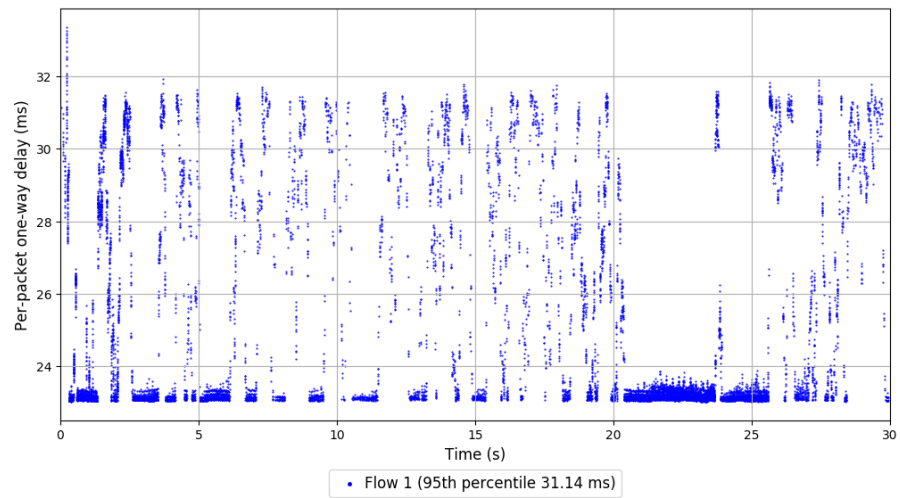
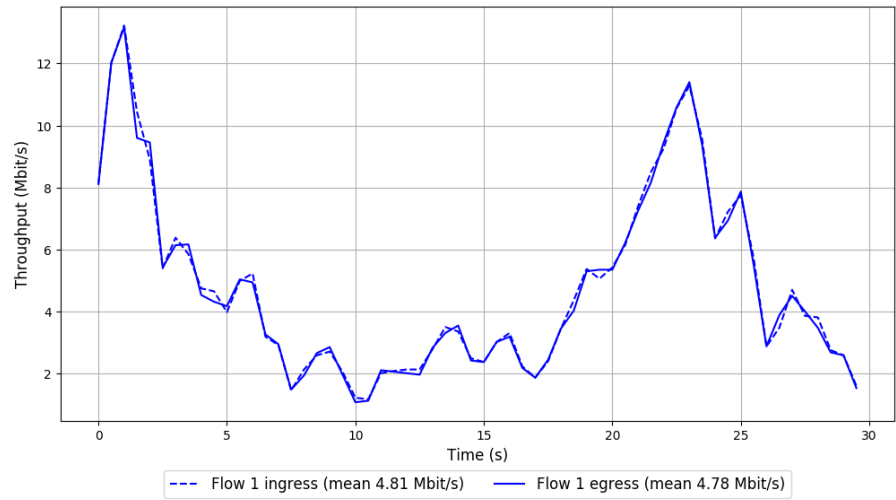
-- Flow 1:

Average throughput: 4.78 Mbit/s

95th percentile per-packet one-way delay: 31.136 ms

Loss rate: 0.80%

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: 2018-02-04 04:55:23

End at: 2018-02-04 04:55:53

Local clock offset: 0.513 ms

Remote clock offset: 1.455 ms

Below is generated by plot.py at 2018-02-04 12:17:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 15.85 Mbit/s

95th percentile per-packet one-way delay: 39.091 ms

Loss rate: 0.76%

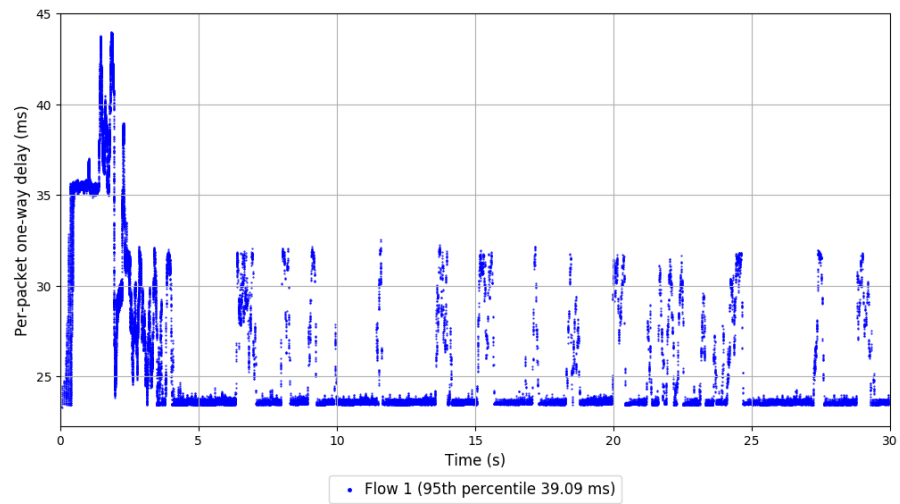
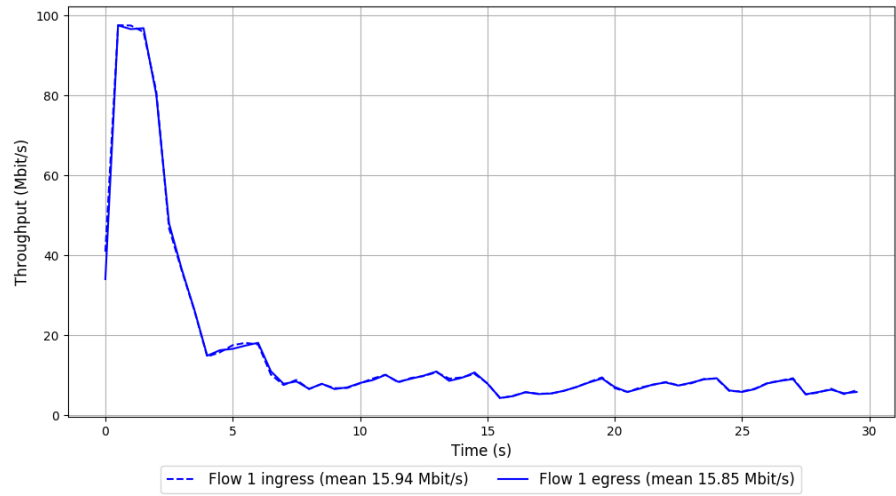
-- Flow 1:

Average throughput: 15.85 Mbit/s

95th percentile per-packet one-way delay: 39.091 ms

Loss rate: 0.76%

Run 3: Report of TCP Cubic — Data Link

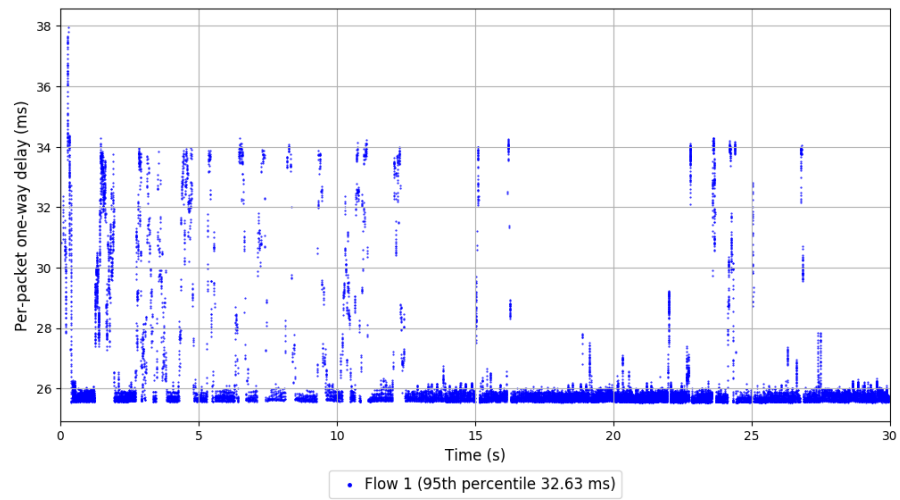
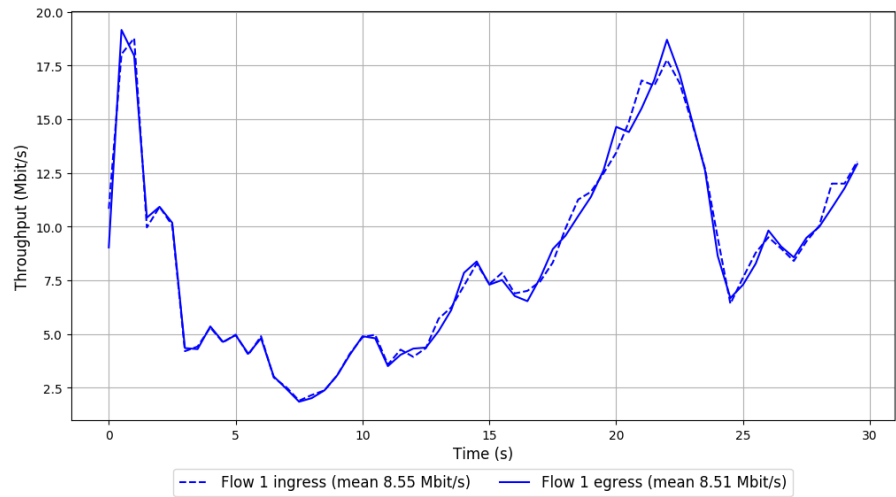


Run 4: Statistics of TCP Cubic

Start at: 2018-02-04 05:20:12
End at: 2018-02-04 05:20:42
Local clock offset: 0.483 ms
Remote clock offset: -1.155 ms

Below is generated by plot.py at 2018-02-04 12:17:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 8.51 Mbit/s
95th percentile per-packet one-way delay: 32.632 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 8.51 Mbit/s
95th percentile per-packet one-way delay: 32.632 ms
Loss rate: 0.72%

Run 4: Report of TCP Cubic — Data Link

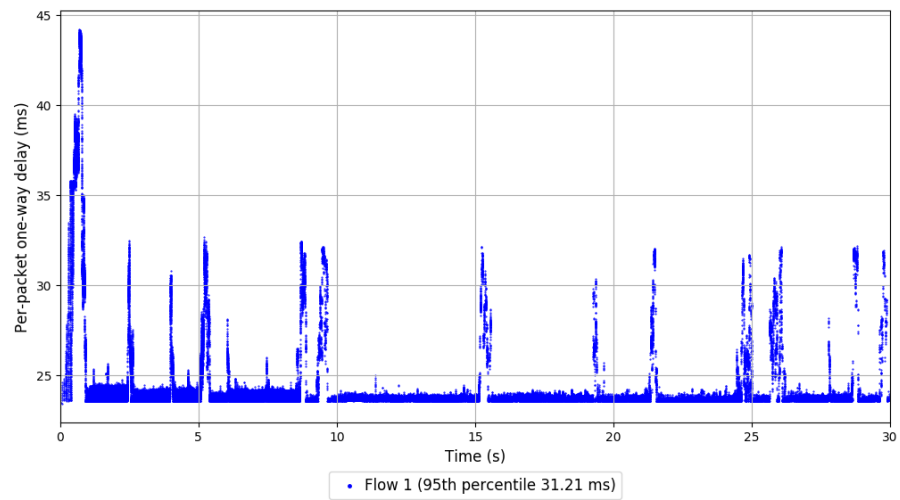
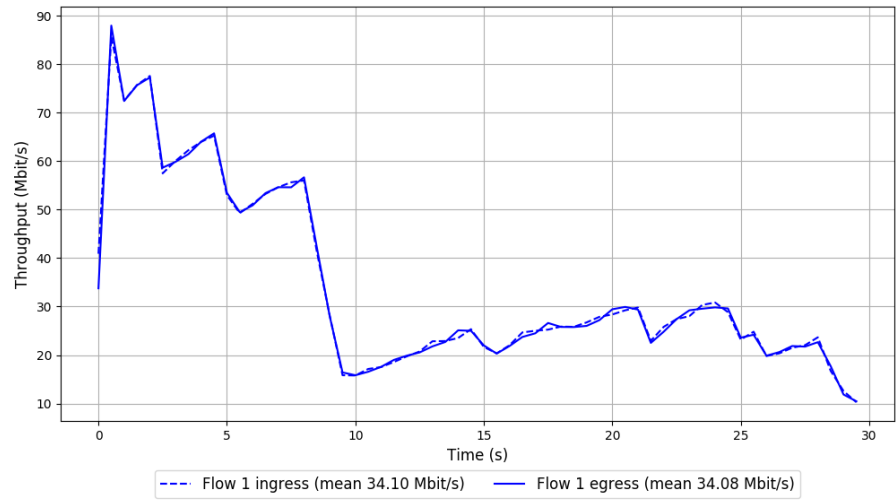


Run 5: Statistics of TCP Cubic

Start at: 2018-02-04 05:45:23
End at: 2018-02-04 05:45:53
Local clock offset: 0.487 ms
Remote clock offset: -0.037 ms

Below is generated by plot.py at 2018-02-04 12:17:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 34.08 Mbit/s
95th percentile per-packet one-way delay: 31.214 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 34.08 Mbit/s
95th percentile per-packet one-way delay: 31.214 ms
Loss rate: 0.24%

Run 5: Report of TCP Cubic — Data Link



Run 6: Statistics of TCP Cubic

Start at: 2018-02-04 06:10:02

End at: 2018-02-04 06:10:32

Local clock offset: 0.245 ms

Remote clock offset: -2.46 ms

Below is generated by plot.py at 2018-02-04 12:17:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 9.72 Mbit/s

95th percentile per-packet one-way delay: 31.644 ms

Loss rate: 0.57%

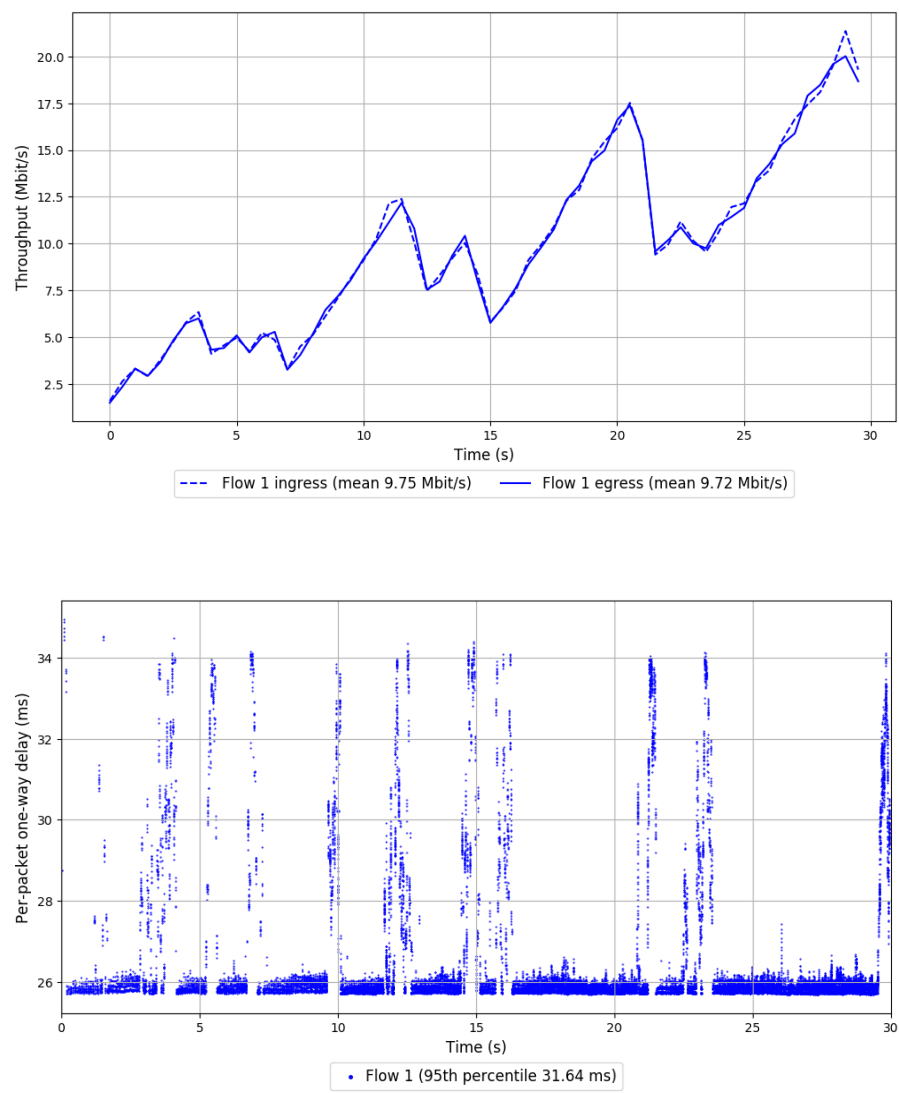
-- Flow 1:

Average throughput: 9.72 Mbit/s

95th percentile per-packet one-way delay: 31.644 ms

Loss rate: 0.57%

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: 2018-02-04 06:34:41

End at: 2018-02-04 06:35:11

Local clock offset: 0.419 ms

Remote clock offset: 0.776 ms

Below is generated by plot.py at 2018-02-04 12:17:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 25.65 Mbit/s

95th percentile per-packet one-way delay: 34.970 ms

Loss rate: 0.36%

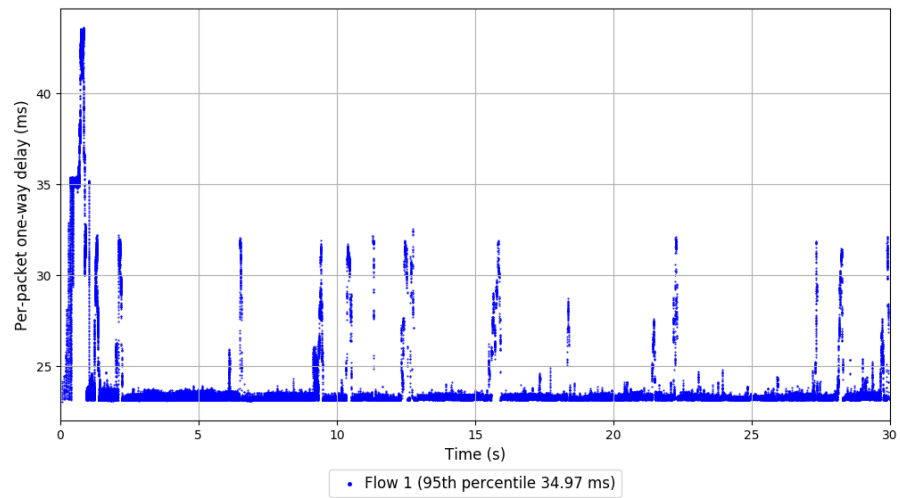
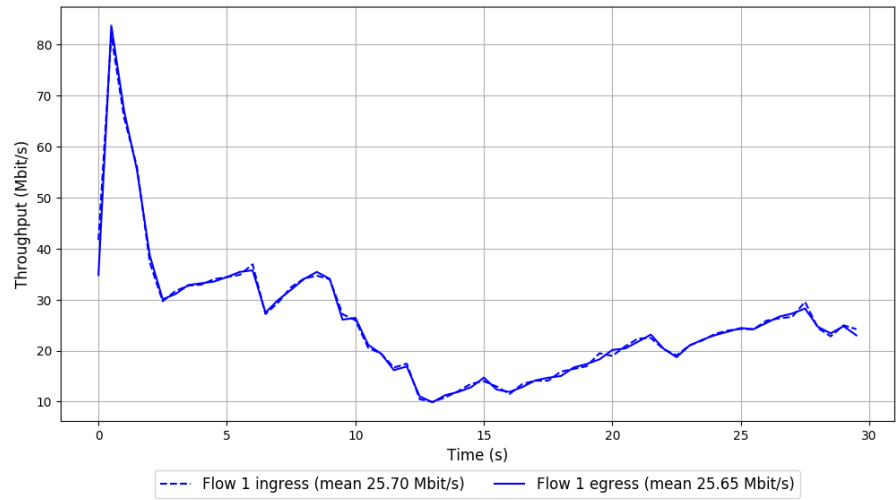
-- Flow 1:

Average throughput: 25.65 Mbit/s

95th percentile per-packet one-way delay: 34.970 ms

Loss rate: 0.36%

Run 7: Report of TCP Cubic — Data Link

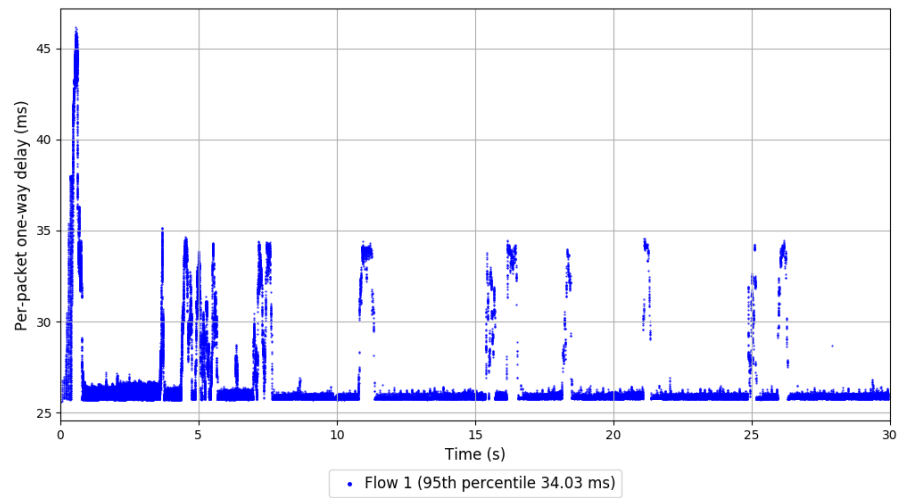
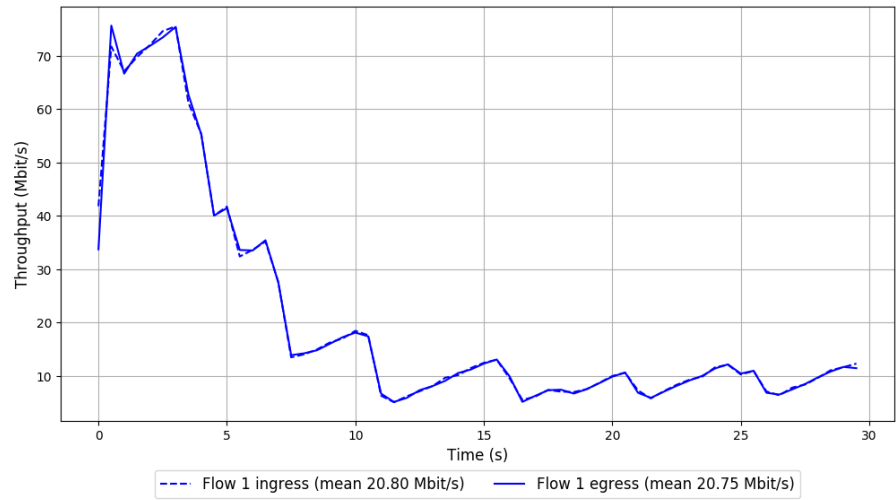


Run 8: Statistics of TCP Cubic

Start at: 2018-02-04 06:59:14
End at: 2018-02-04 06:59:44
Local clock offset: 0.609 ms
Remote clock offset: -0.475 ms

Below is generated by plot.py at 2018-02-04 12:17:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 20.75 Mbit/s
95th percentile per-packet one-way delay: 34.026 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 20.75 Mbit/s
95th percentile per-packet one-way delay: 34.026 ms
Loss rate: 0.41%

Run 8: Report of TCP Cubic — Data Link



Run 9: Statistics of TCP Cubic

Start at: 2018-02-04 07:23:50

End at: 2018-02-04 07:24:20

Local clock offset: 0.768 ms

Remote clock offset: 2.928 ms

Below is generated by plot.py at 2018-02-04 12:17:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 27.59 Mbit/s

95th percentile per-packet one-way delay: 31.123 ms

Loss rate: 0.34%

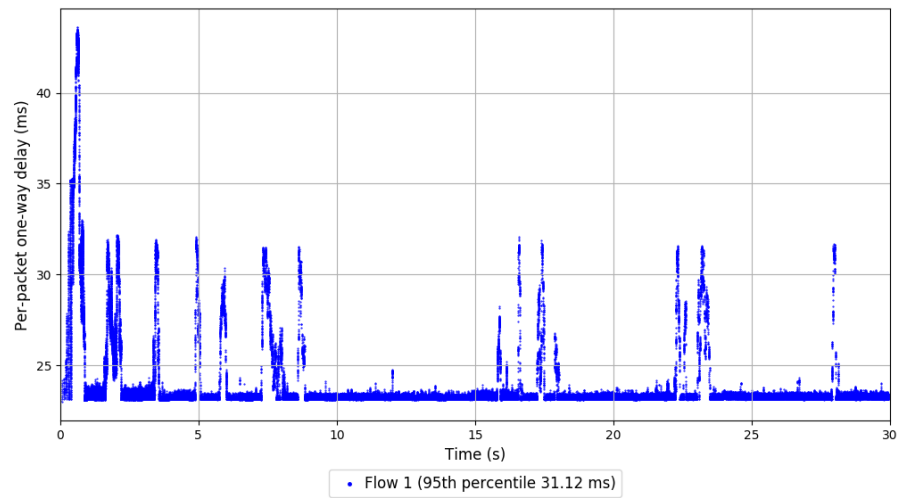
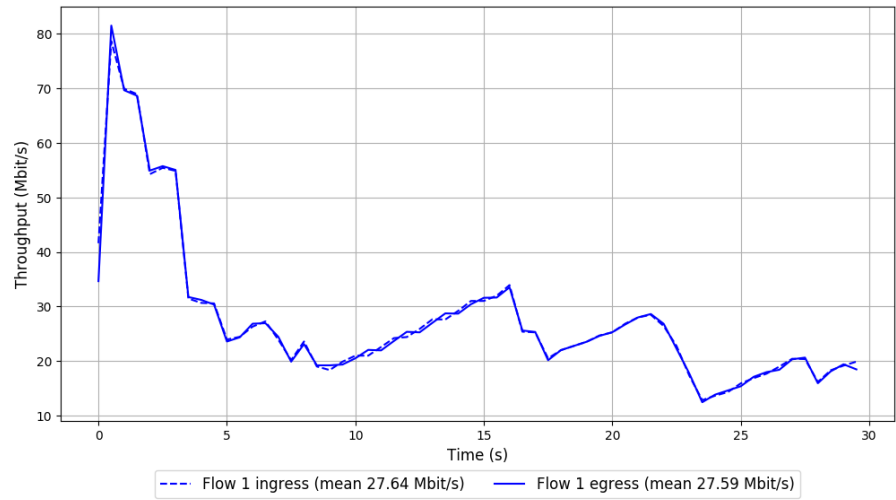
-- Flow 1:

Average throughput: 27.59 Mbit/s

95th percentile per-packet one-way delay: 31.123 ms

Loss rate: 0.34%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2018-02-04 07:47:55

End at: 2018-02-04 07:48:25

Local clock offset: 0.9 ms

Remote clock offset: 2.561 ms

Below is generated by plot.py at 2018-02-04 12:17:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 59.04 Mbit/s

95th percentile per-packet one-way delay: 35.195 ms

Loss rate: 0.29%

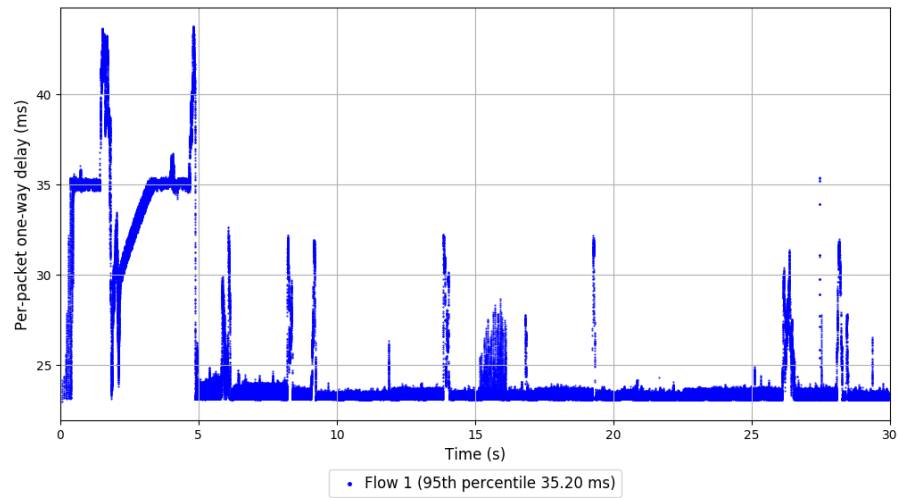
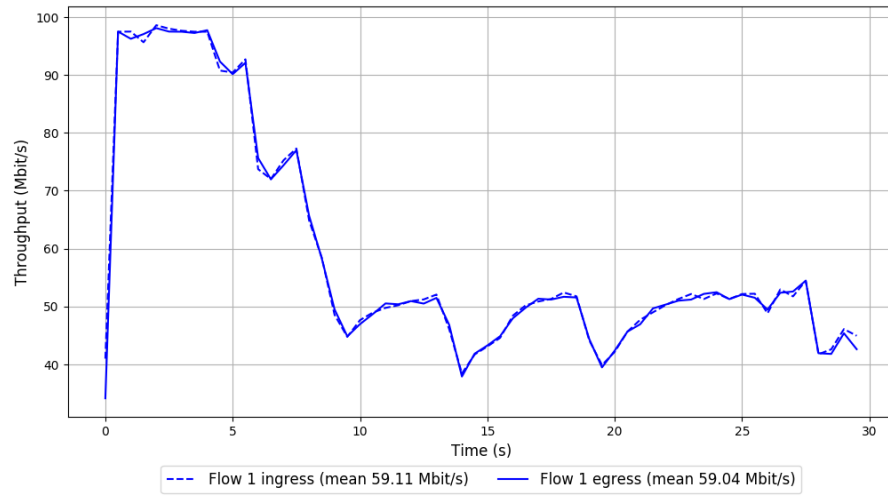
-- Flow 1:

Average throughput: 59.04 Mbit/s

95th percentile per-packet one-way delay: 35.195 ms

Loss rate: 0.29%

Run 10: Report of TCP Cubic — Data Link

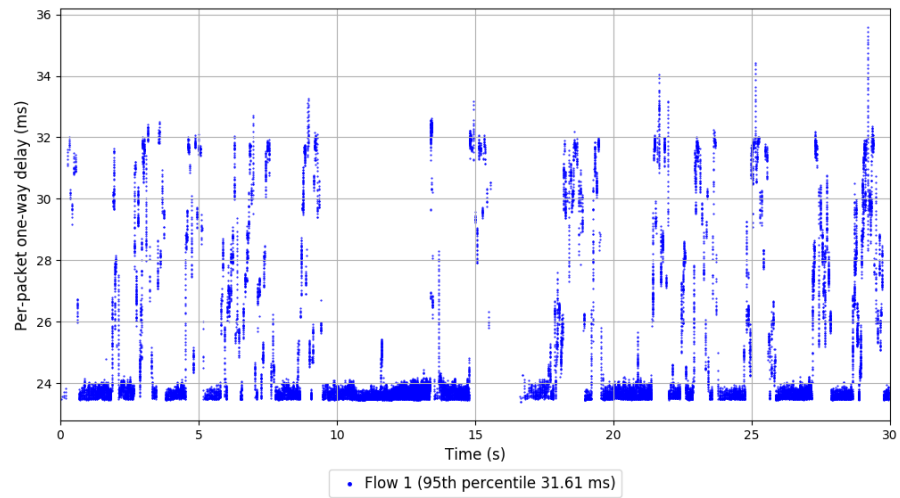
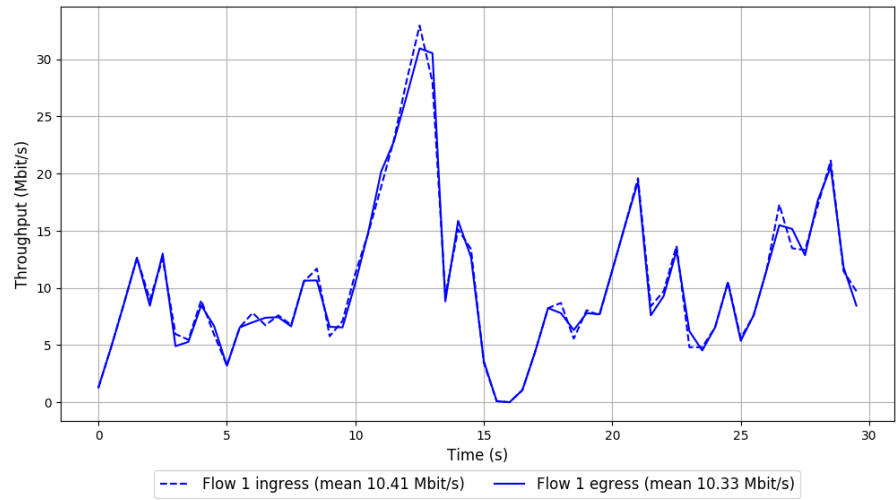


```
Run 1: Statistics of LEDBAT

Start at: 2018-02-04 04:20:41
End at: 2018-02-04 04:21:11
Local clock offset: 0.444 ms
Remote clock offset: 2.08 ms

# Below is generated by plot.py at 2018-02-04 12:17:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.33 Mbit/s
95th percentile per-packet one-way delay: 31.609 ms
Loss rate: 0.96%
-- Flow 1:
Average throughput: 10.33 Mbit/s
95th percentile per-packet one-way delay: 31.609 ms
Loss rate: 0.96%
```


Run 1: Report of LEDBAT — Data Link

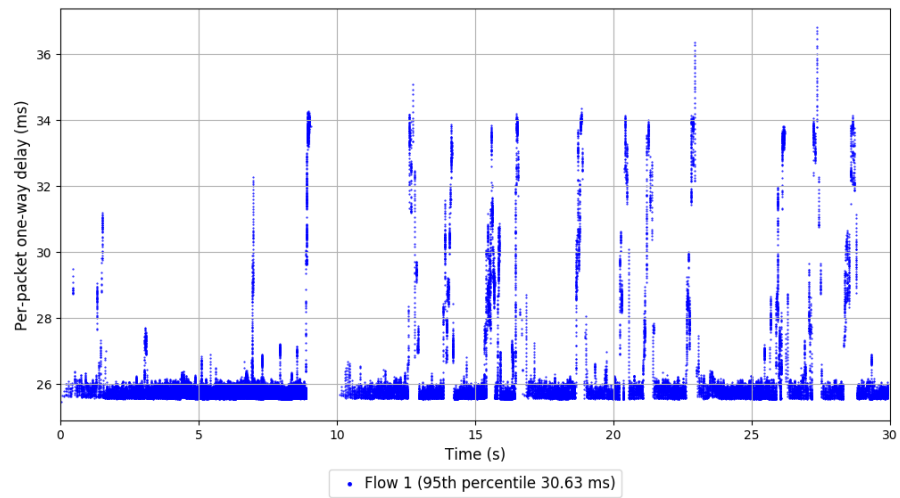
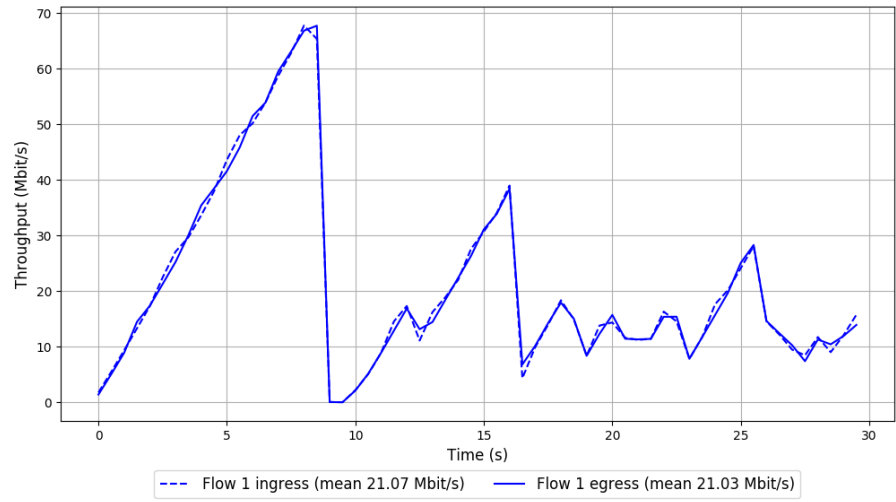


Run 2: Statistics of LEDBAT

Start at: 2018-02-04 04:46:30
End at: 2018-02-04 04:47:00
Local clock offset: 0.579 ms
Remote clock offset: -0.374 ms

Below is generated by plot.py at 2018-02-04 12:17:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 21.03 Mbit/s
95th percentile per-packet one-way delay: 30.628 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 21.03 Mbit/s
95th percentile per-packet one-way delay: 30.628 ms
Loss rate: 0.34%

Run 2: Report of LEDBAT — Data Link

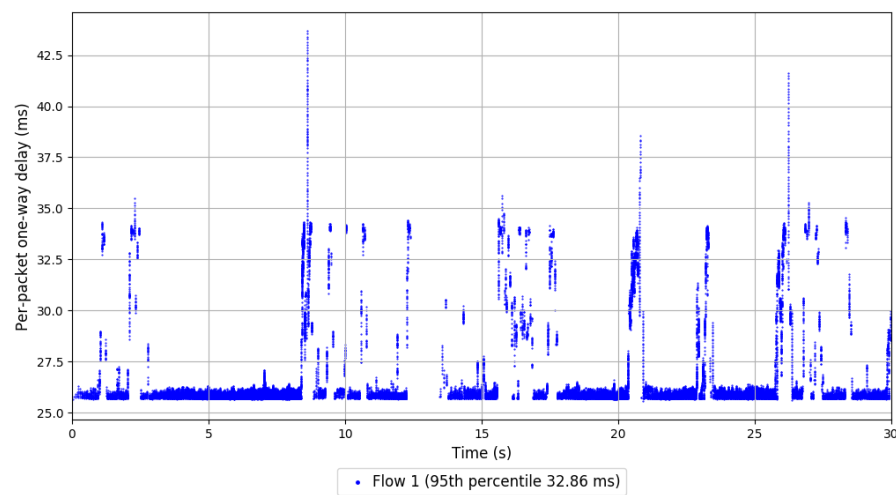
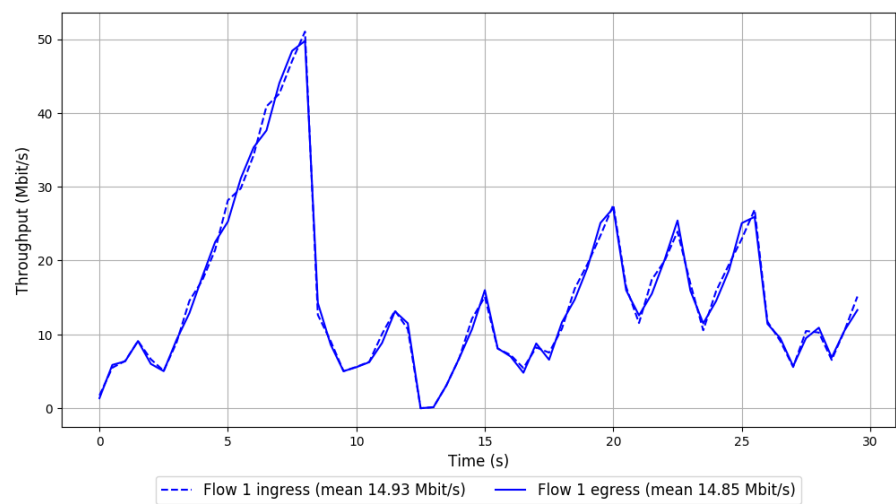


Run 3: Statistics of LEDBAT

Start at: 2018-02-04 05:11:28
End at: 2018-02-04 05:11:58
Local clock offset: 0.596 ms
Remote clock offset: -1.061 ms

Below is generated by plot.py at 2018-02-04 12:17:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 14.85 Mbit/s
95th percentile per-packet one-way delay: 32.860 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 14.85 Mbit/s
95th percentile per-packet one-way delay: 32.860 ms
Loss rate: 0.67%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: 2018-02-04 05:36:57

End at: 2018-02-04 05:37:27

Local clock offset: 0.461 ms

Remote clock offset: 0.839 ms

Below is generated by plot.py at 2018-02-04 12:17:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 8.36 Mbit/s

95th percentile per-packet one-way delay: 31.038 ms

Loss rate: 0.89%

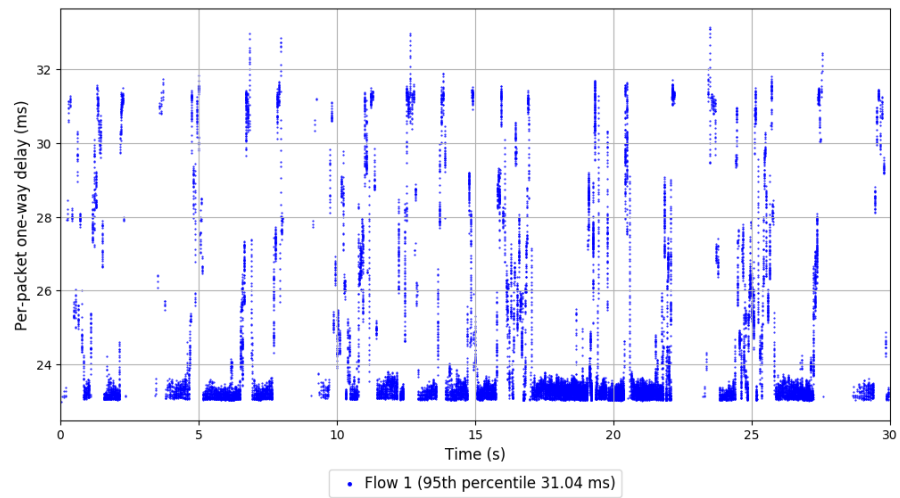
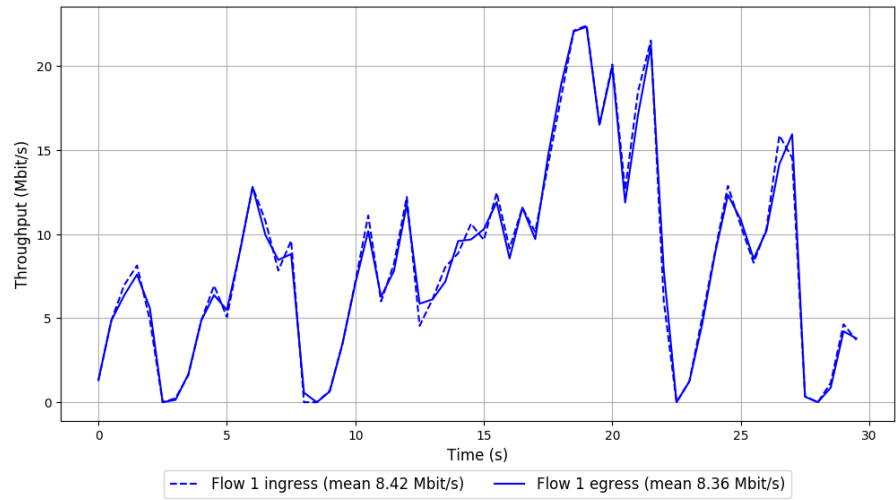
-- Flow 1:

Average throughput: 8.36 Mbit/s

95th percentile per-packet one-way delay: 31.038 ms

Loss rate: 0.89%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: 2018-02-04 06:01:25

End at: 2018-02-04 06:01:55

Local clock offset: 0.234 ms

Remote clock offset: 0.172 ms

Below is generated by plot.py at 2018-02-04 12:17:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 21.01 Mbit/s

95th percentile per-packet one-way delay: 29.005 ms

Loss rate: 0.33%

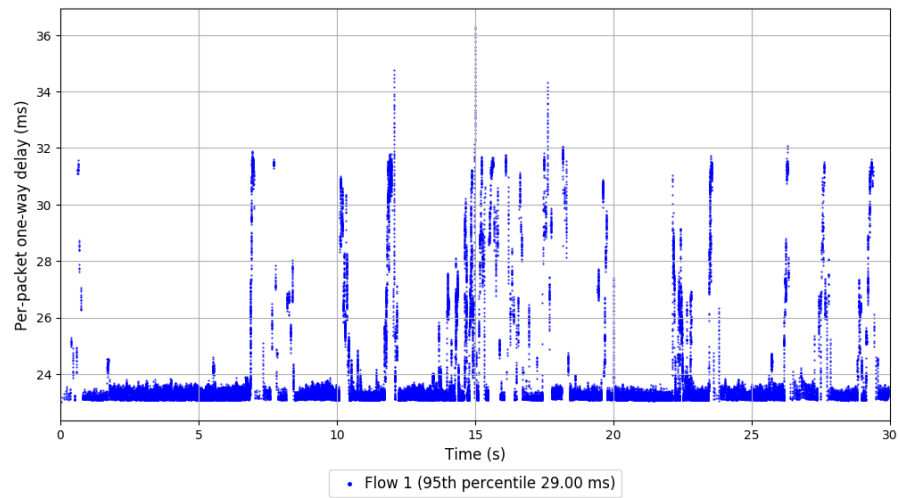
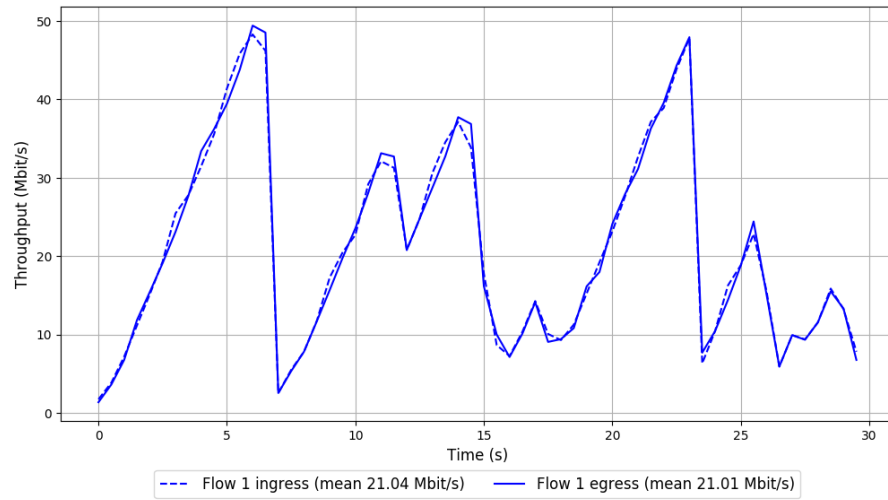
-- Flow 1:

Average throughput: 21.01 Mbit/s

95th percentile per-packet one-way delay: 29.005 ms

Loss rate: 0.33%

Run 5: Report of LEDBAT — Data Link



Run 6: Statistics of LEDBAT

Start at: 2018-02-04 06:26:21

End at: 2018-02-04 06:26:51

Local clock offset: 0.348 ms

Remote clock offset: 0.457 ms

Below is generated by plot.py at 2018-02-04 12:17:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 16.59 Mbit/s

95th percentile per-packet one-way delay: 29.850 ms

Loss rate: 0.58%

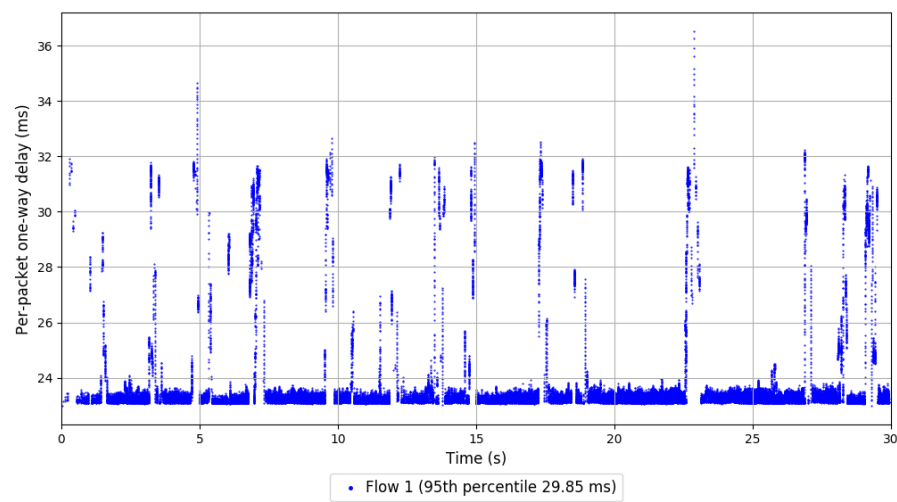
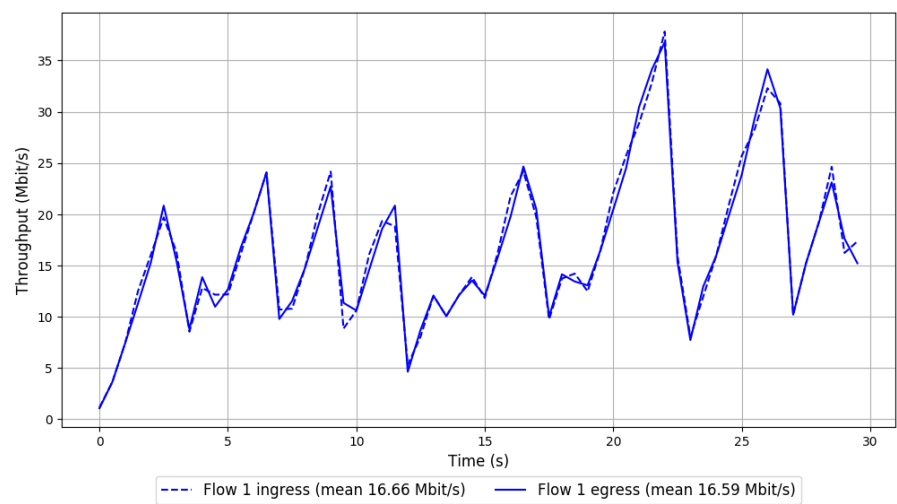
-- Flow 1:

Average throughput: 16.59 Mbit/s

95th percentile per-packet one-way delay: 29.850 ms

Loss rate: 0.58%

Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

Start at: 2018-02-04 06:50:48

End at: 2018-02-04 06:51:18

Local clock offset: 0.429 ms

Remote clock offset: 1.658 ms

Below is generated by plot.py at 2018-02-04 12:17:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.78 Mbit/s

95th percentile per-packet one-way delay: 30.820 ms

Loss rate: 0.64%

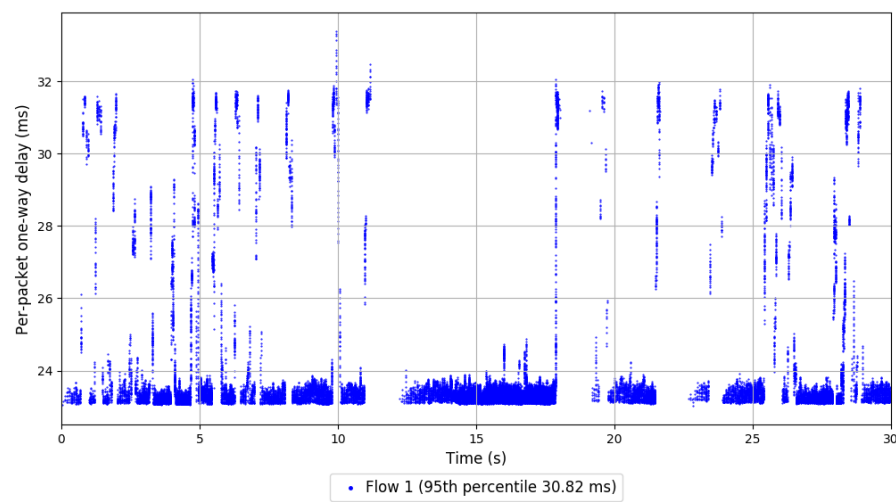
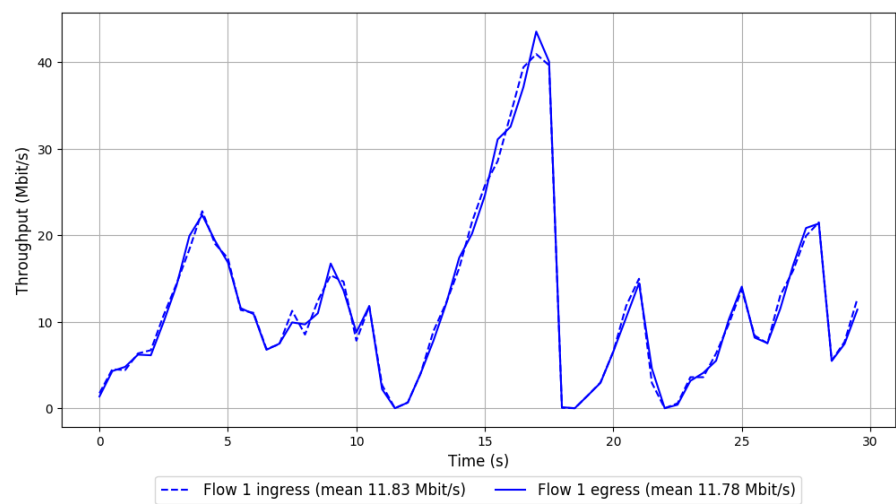
-- Flow 1:

Average throughput: 11.78 Mbit/s

95th percentile per-packet one-way delay: 30.820 ms

Loss rate: 0.64%

Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: 2018-02-04 07:15:30

End at: 2018-02-04 07:16:00

Local clock offset: 0.708 ms

Remote clock offset: 2.774 ms

Below is generated by plot.py at 2018-02-04 12:17:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 13.96 Mbit/s

95th percentile per-packet one-way delay: 29.711 ms

Loss rate: 0.54%

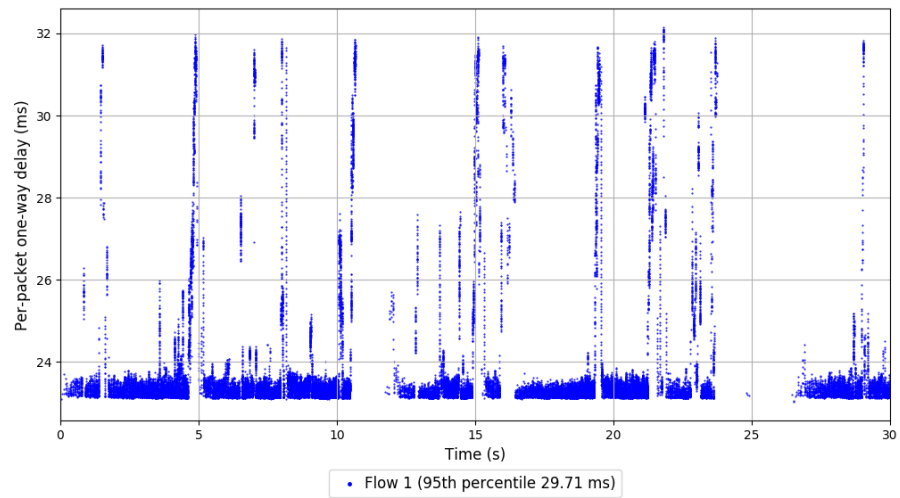
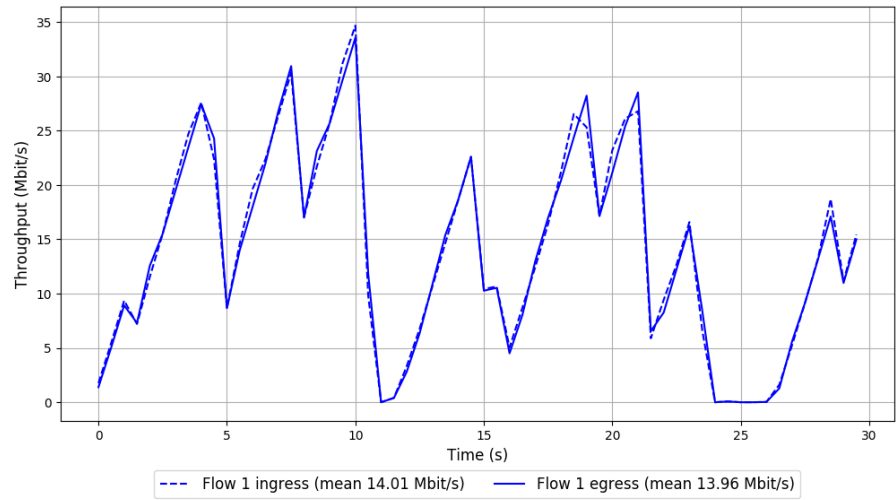
-- Flow 1:

Average throughput: 13.96 Mbit/s

95th percentile per-packet one-way delay: 29.711 ms

Loss rate: 0.54%

Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

Start at: 2018-02-04 07:39:49

End at: 2018-02-04 07:40:19

Local clock offset: 0.86 ms

Remote clock offset: 0.354 ms

Below is generated by plot.py at 2018-02-04 12:17:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 29.71 Mbit/s

95th percentile per-packet one-way delay: 29.895 ms

Loss rate: 0.36%

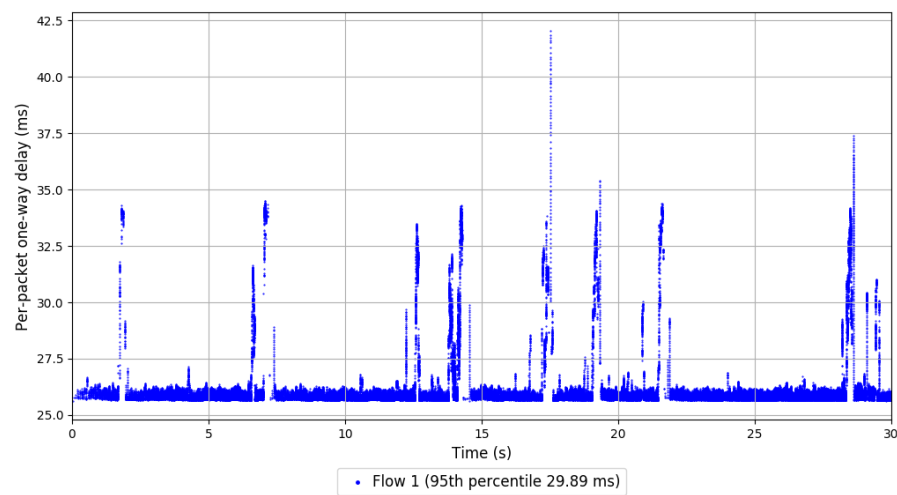
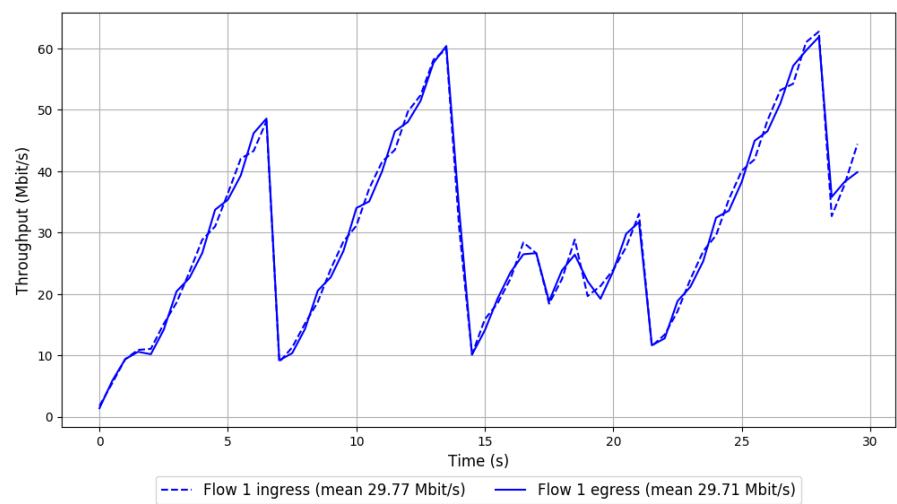
-- Flow 1:

Average throughput: 29.71 Mbit/s

95th percentile per-packet one-way delay: 29.895 ms

Loss rate: 0.36%

Run 9: Report of LEDBAT — Data Link

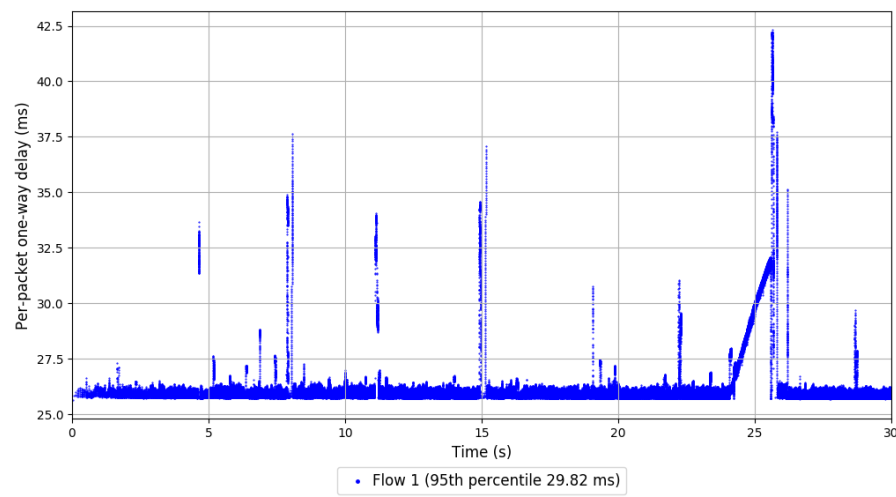
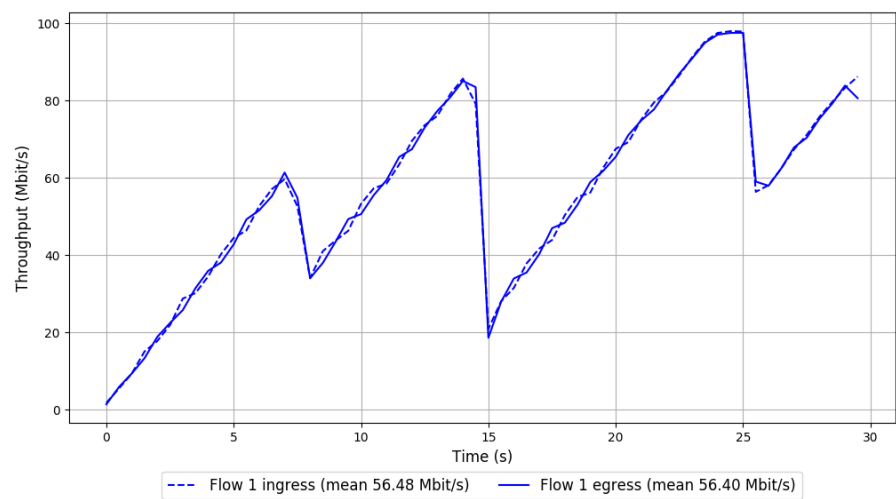


Run 10: Statistics of LEDBAT

Start at: 2018-02-04 08:04:06
End at: 2018-02-04 08:04:36
Local clock offset: 1.039 ms
Remote clock offset: -1.062 ms

Below is generated by plot.py at 2018-02-04 12:17:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 56.40 Mbit/s
95th percentile per-packet one-way delay: 29.822 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 56.40 Mbit/s
95th percentile per-packet one-way delay: 29.822 ms
Loss rate: 0.31%

Run 10: Report of LEDBAT — Data Link

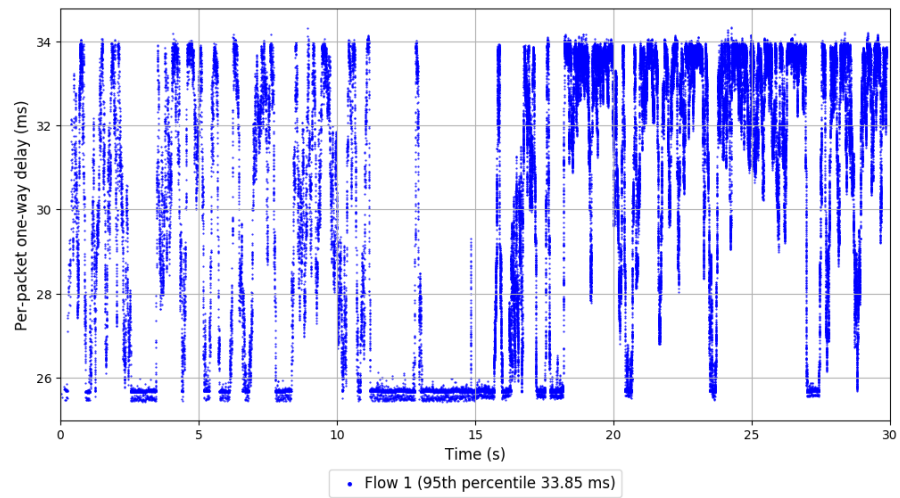
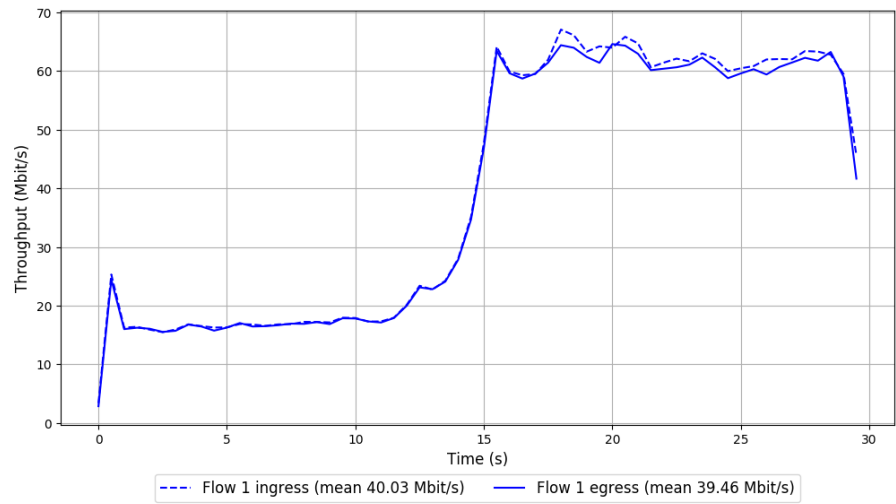


Run 1: Statistics of PCC

Start at: 2018-02-04 04:11:55
End at: 2018-02-04 04:12:25
Local clock offset: 0.457 ms
Remote clock offset: -0.423 ms

Below is generated by plot.py at 2018-02-04 12:17:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 39.46 Mbit/s
95th percentile per-packet one-way delay: 33.847 ms
Loss rate: 1.61%
-- Flow 1:
Average throughput: 39.46 Mbit/s
95th percentile per-packet one-way delay: 33.847 ms
Loss rate: 1.61%

Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

Start at: 2018-02-04 04:38:30

End at: 2018-02-04 04:39:00

Local clock offset: 0.568 ms

Remote clock offset: 1.945 ms

Below is generated by plot.py at 2018-02-04 12:17:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 55.40 Mbit/s

95th percentile per-packet one-way delay: 31.541 ms

Loss rate: 0.84%

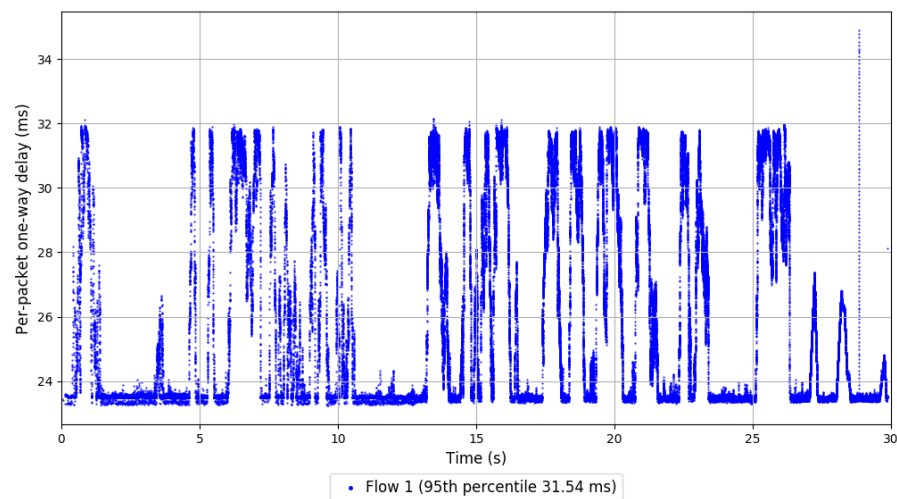
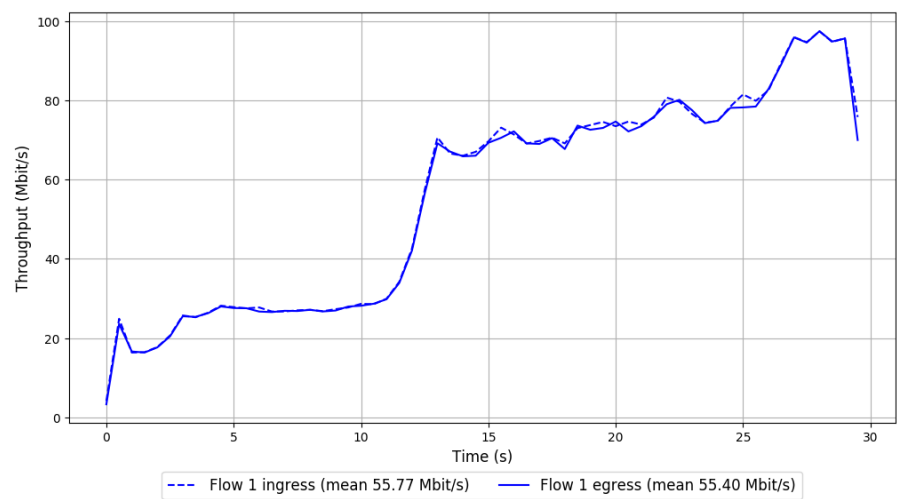
-- Flow 1:

Average throughput: 55.40 Mbit/s

95th percentile per-packet one-way delay: 31.541 ms

Loss rate: 0.84%

Run 2: Report of PCC — Data Link



Run 3: Statistics of PCC

Start at: 2018-02-04 05:03:30

End at: 2018-02-04 05:04:00

Local clock offset: 0.635 ms

Remote clock offset: 1.714 ms

Below is generated by plot.py at 2018-02-04 12:18:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.55 Mbit/s

95th percentile per-packet one-way delay: 42.892 ms

Loss rate: 1.51%

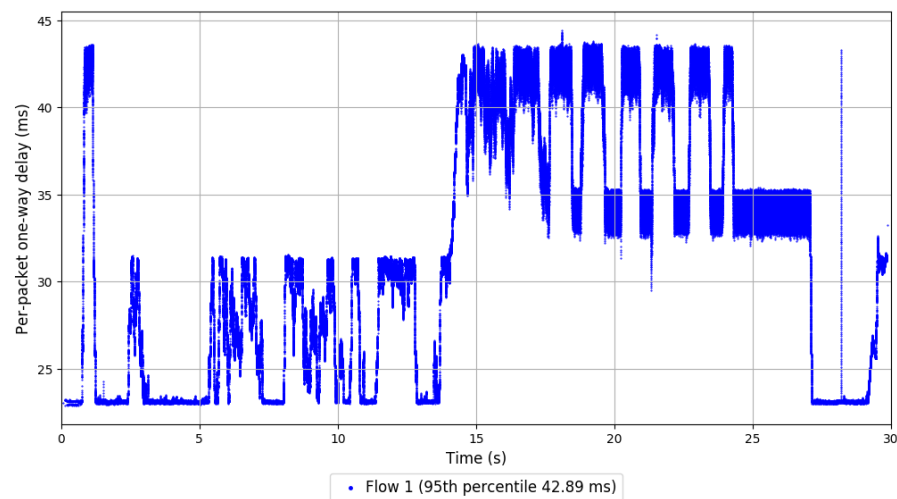
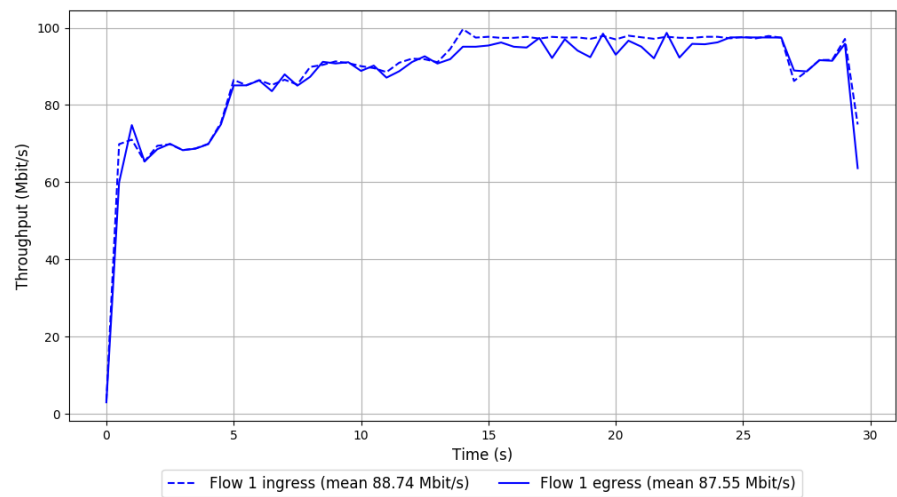
-- Flow 1:

Average throughput: 87.55 Mbit/s

95th percentile per-packet one-way delay: 42.892 ms

Loss rate: 1.51%

Run 3: Report of PCC — Data Link



Run 4: Statistics of PCC

Start at: 2018-02-04 05:28:38

End at: 2018-02-04 05:29:08

Local clock offset: 0.503 ms

Remote clock offset: -1.44 ms

Below is generated by plot.py at 2018-02-04 12:18:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 64.55 Mbit/s

95th percentile per-packet one-way delay: 37.046 ms

Loss rate: 0.63%

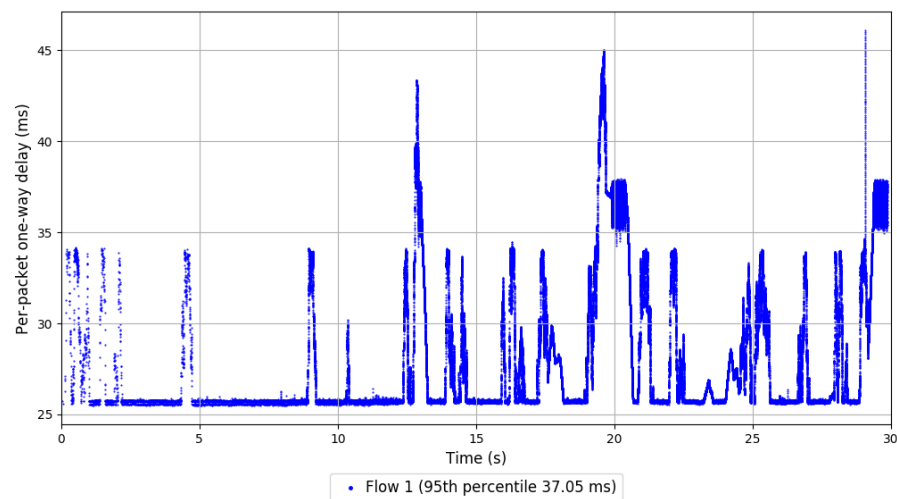
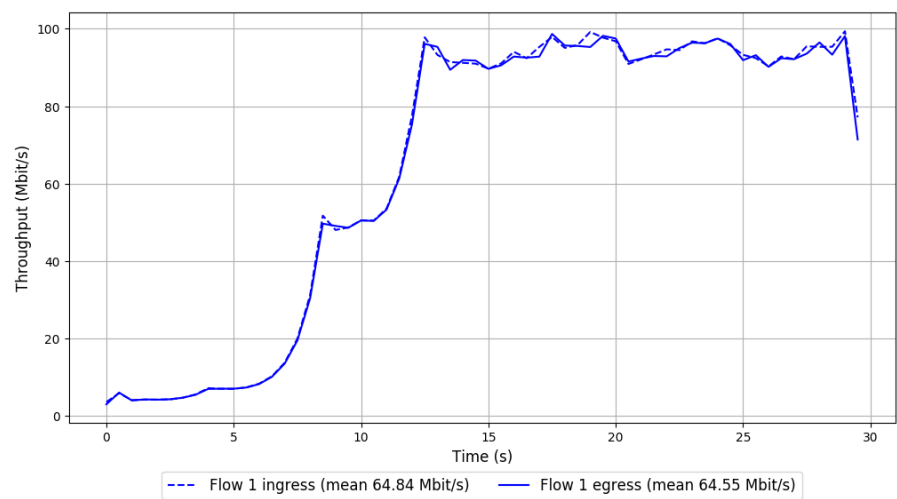
-- Flow 1:

Average throughput: 64.55 Mbit/s

95th percentile per-packet one-way delay: 37.046 ms

Loss rate: 0.63%

Run 4: Report of PCC — Data Link

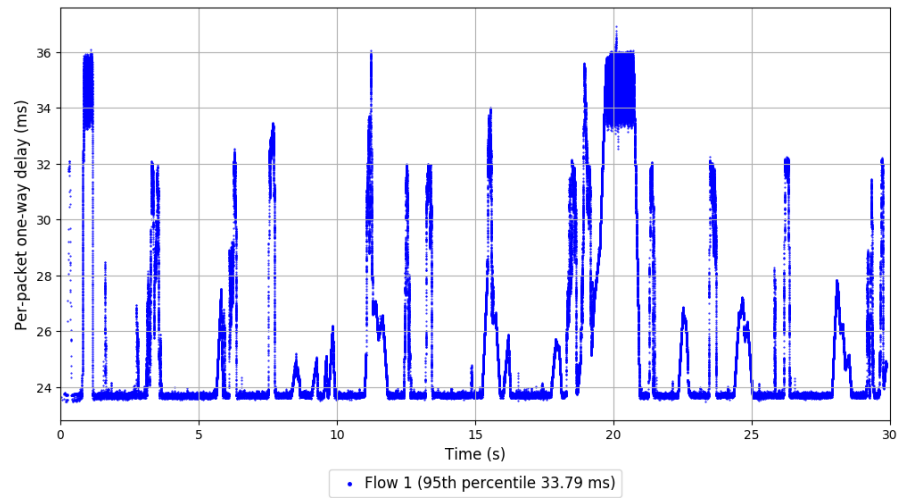
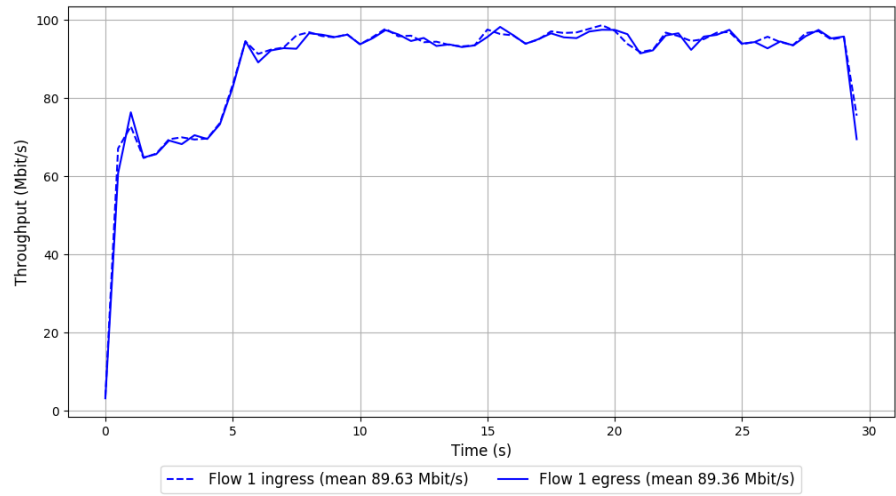


Run 5: Statistics of PCC

Start at: 2018-02-04 05:53:26
End at: 2018-02-04 05:53:56
Local clock offset: 0.399 ms
Remote clock offset: -0.292 ms

Below is generated by plot.py at 2018-02-04 12:18:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.36 Mbit/s
95th percentile per-packet one-way delay: 33.794 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 89.36 Mbit/s
95th percentile per-packet one-way delay: 33.794 ms
Loss rate: 0.48%

Run 5: Report of PCC — Data Link



Run 6: Statistics of PCC

Start at: 2018-02-04 06:18:13

End at: 2018-02-04 06:18:43

Local clock offset: 0.221 ms

Remote clock offset: 0.093 ms

Below is generated by plot.py at 2018-02-04 12:18:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.64 Mbit/s

95th percentile per-packet one-way delay: 30.910 ms

Loss rate: 0.70%

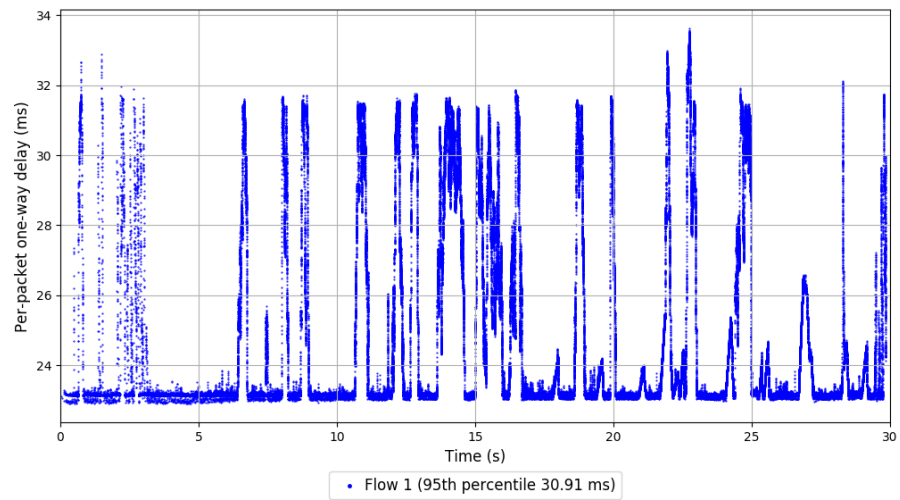
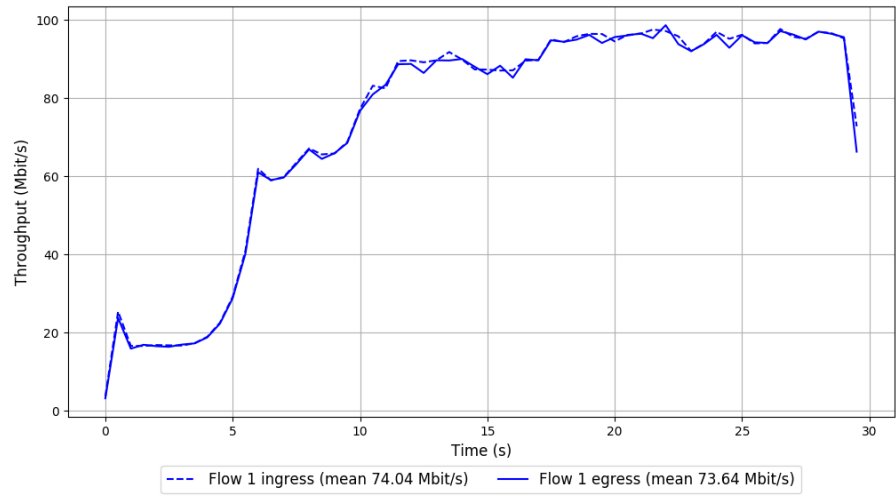
-- Flow 1:

Average throughput: 73.64 Mbit/s

95th percentile per-packet one-way delay: 30.910 ms

Loss rate: 0.70%

Run 6: Report of PCC — Data Link



Run 7: Statistics of PCC

Start at: 2018-02-04 06:42:45

End at: 2018-02-04 06:43:15

Local clock offset: 0.472 ms

Remote clock offset: 1.143 ms

Below is generated by plot.py at 2018-02-04 12:18:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.71 Mbit/s

95th percentile per-packet one-way delay: 31.791 ms

Loss rate: 1.18%

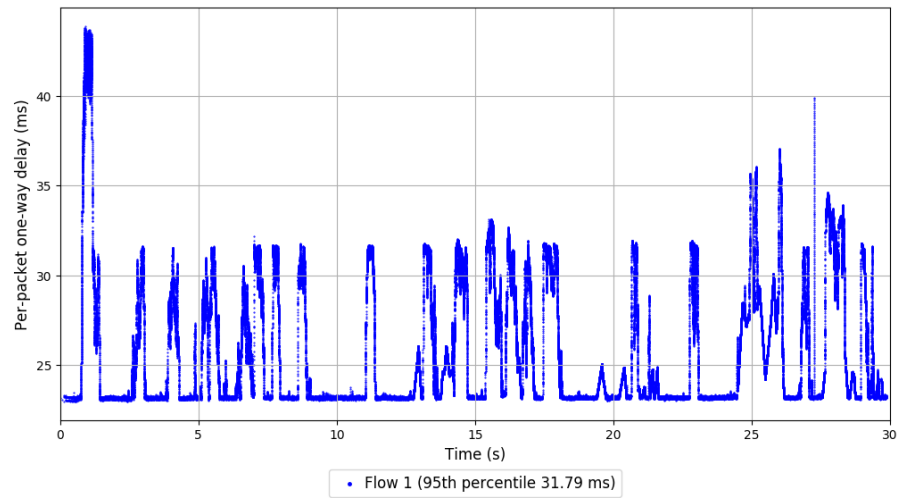
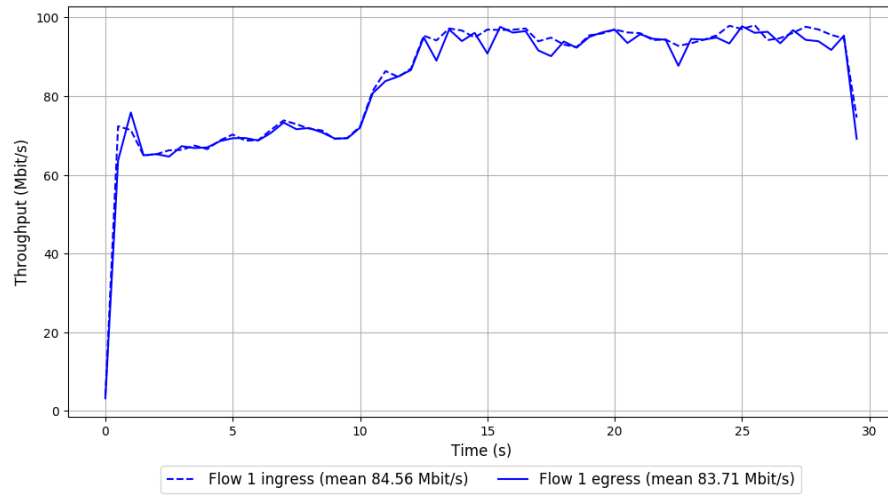
-- Flow 1:

Average throughput: 83.71 Mbit/s

95th percentile per-packet one-way delay: 31.791 ms

Loss rate: 1.18%

Run 7: Report of PCC — Data Link

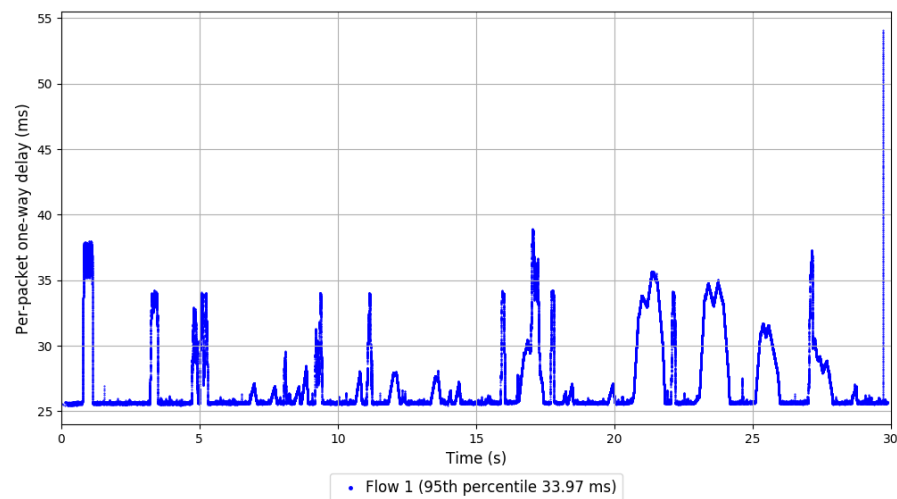
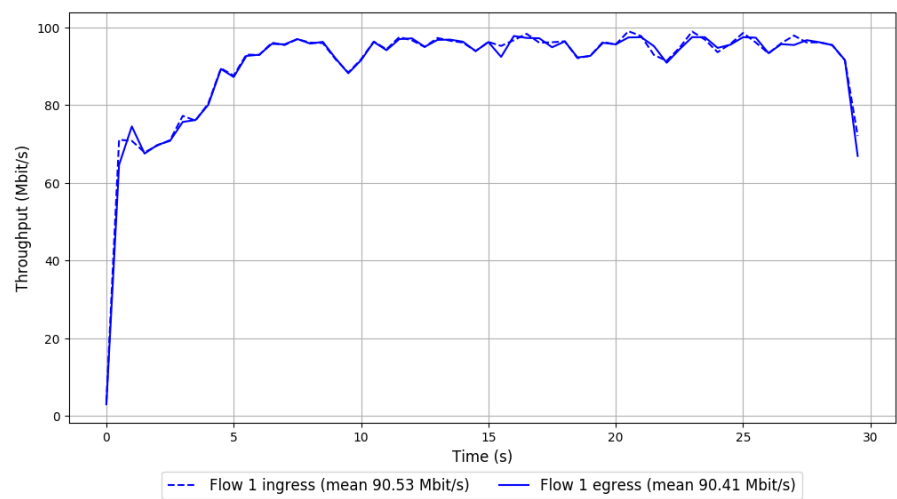


Run 8: Statistics of PCC

Start at: 2018-02-04 07:07:25
End at: 2018-02-04 07:07:55
Local clock offset: 0.564 ms
Remote clock offset: -0.086 ms

Below is generated by plot.py at 2018-02-04 12:18:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.41 Mbit/s
95th percentile per-packet one-way delay: 33.970 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 90.41 Mbit/s
95th percentile per-packet one-way delay: 33.970 ms
Loss rate: 0.32%

Run 8: Report of PCC — Data Link



Run 9: Statistics of PCC

Start at: 2018-02-04 07:31:55

End at: 2018-02-04 07:32:25

Local clock offset: 0.816 ms

Remote clock offset: 2.533 ms

Below is generated by plot.py at 2018-02-04 12:19:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.58 Mbit/s

95th percentile per-packet one-way delay: 31.441 ms

Loss rate: 0.38%

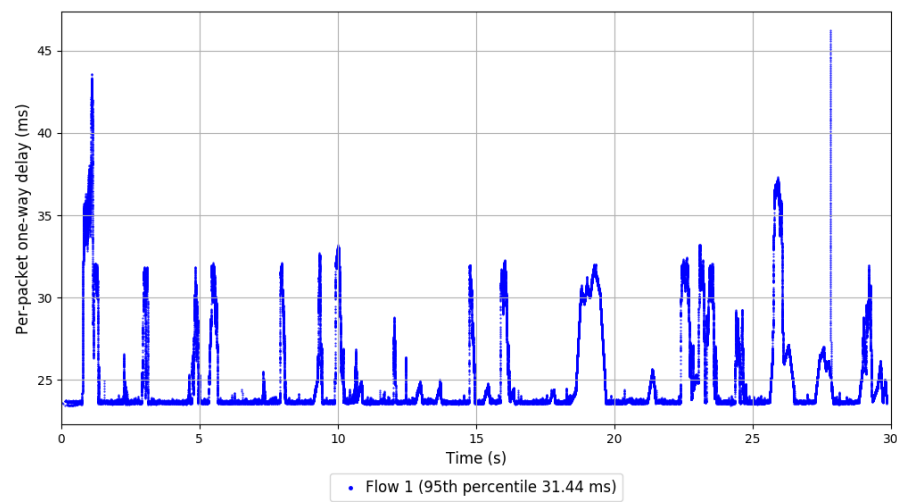
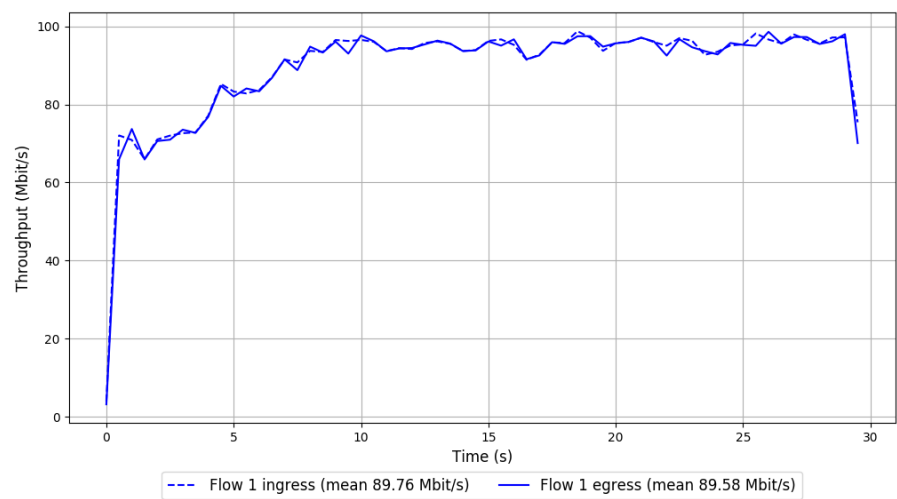
-- Flow 1:

Average throughput: 89.58 Mbit/s

95th percentile per-packet one-way delay: 31.441 ms

Loss rate: 0.38%

Run 9: Report of PCC — Data Link



Run 10: Statistics of PCC

Start at: 2018-02-04 07:56:14

End at: 2018-02-04 07:56:44

Local clock offset: 0.924 ms

Remote clock offset: 2.023 ms

Below is generated by plot.py at 2018-02-04 12:19:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.43 Mbit/s

95th percentile per-packet one-way delay: 30.741 ms

Loss rate: 0.51%

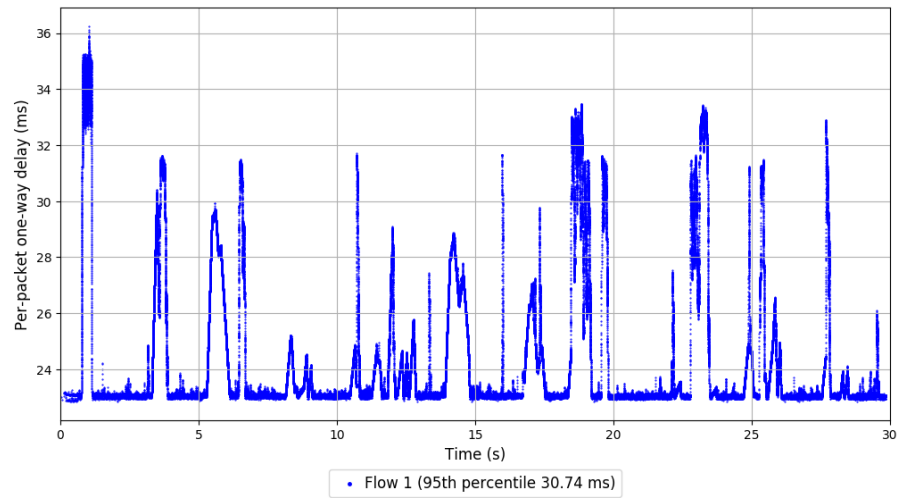
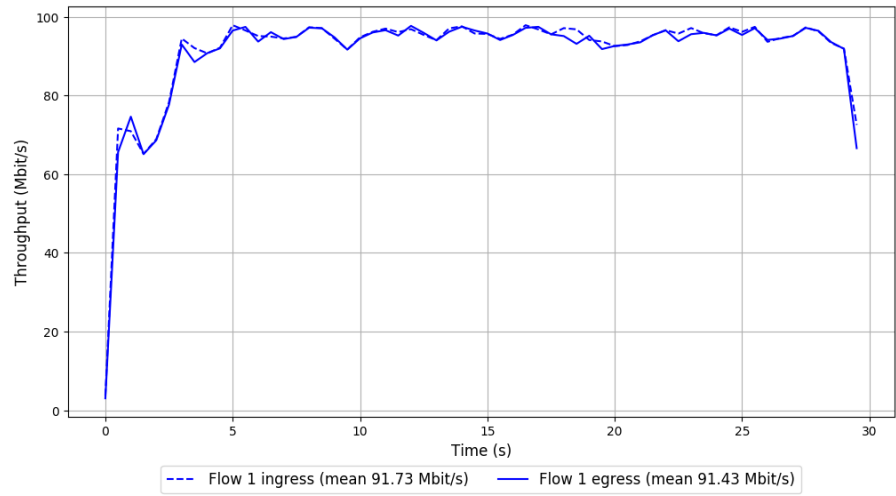
-- Flow 1:

Average throughput: 91.43 Mbit/s

95th percentile per-packet one-way delay: 30.741 ms

Loss rate: 0.51%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2018-02-04 04:19:23

End at: 2018-02-04 04:19:53

Local clock offset: 0.533 ms

Remote clock offset: 1.917 ms

Below is generated by plot.py at 2018-02-04 12:19:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.26 Mbit/s

95th percentile per-packet one-way delay: 31.899 ms

Loss rate: 1.16%

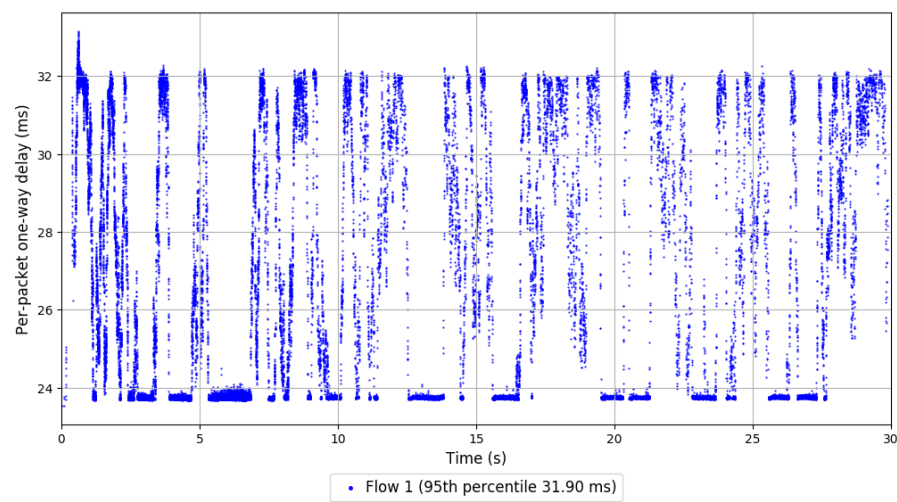
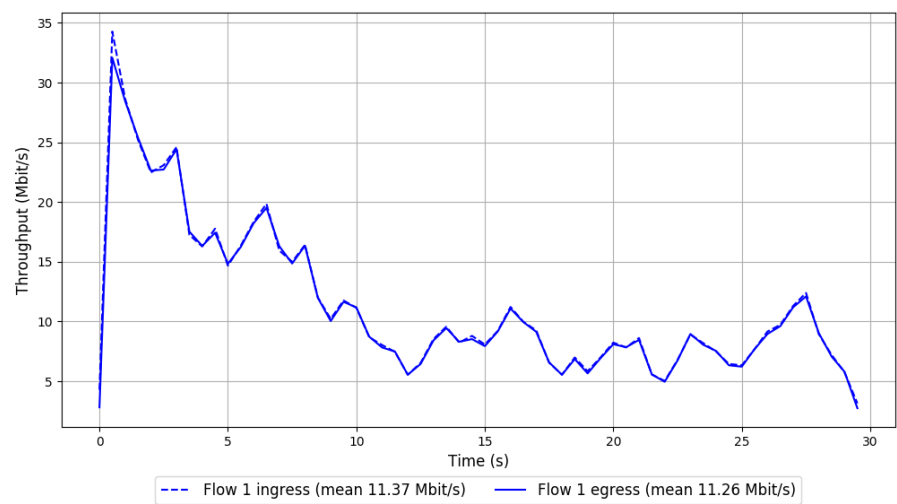
-- Flow 1:

Average throughput: 11.26 Mbit/s

95th percentile per-packet one-way delay: 31.899 ms

Loss rate: 1.16%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2018-02-04 04:45:12

End at: 2018-02-04 04:45:42

Local clock offset: 0.601 ms

Remote clock offset: 1.582 ms

Below is generated by plot.py at 2018-02-04 12:19:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 25.37 Mbit/s

95th percentile per-packet one-way delay: 31.958 ms

Loss rate: 0.86%

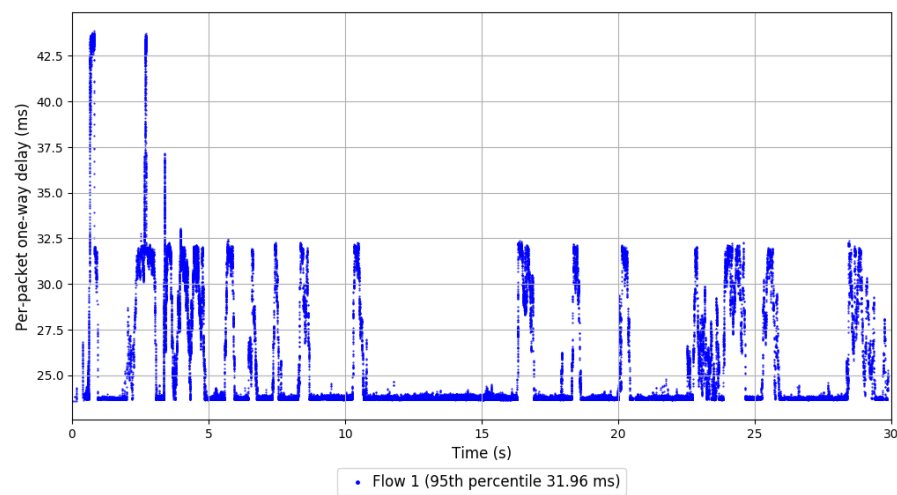
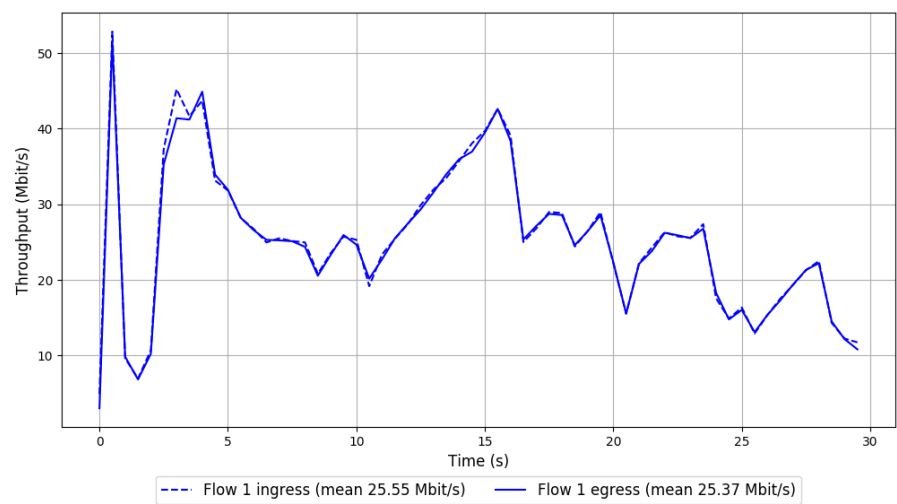
-- Flow 1:

Average throughput: 25.37 Mbit/s

95th percentile per-packet one-way delay: 31.958 ms

Loss rate: 0.86%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2018-02-04 05:10:09

End at: 2018-02-04 05:10:39

Local clock offset: 0.599 ms

Remote clock offset: -1.022 ms

Below is generated by plot.py at 2018-02-04 12:19:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 26.41 Mbit/s

95th percentile per-packet one-way delay: 33.473 ms

Loss rate: 0.69%

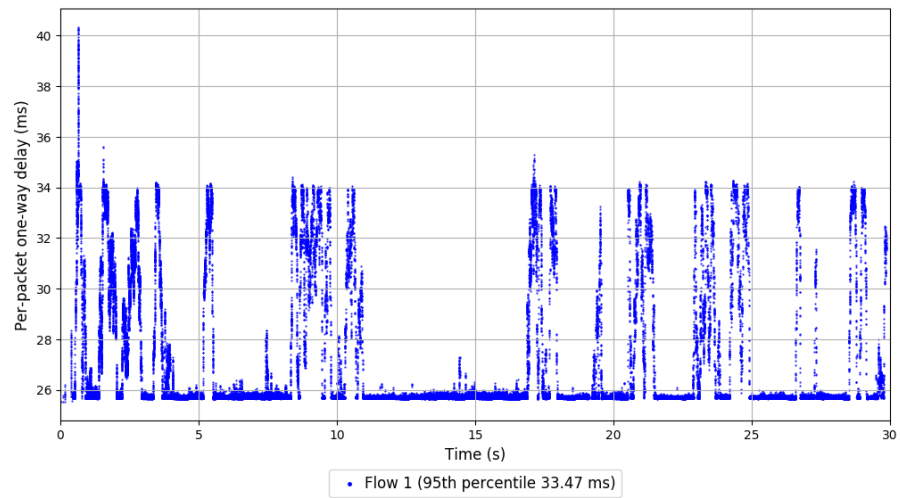
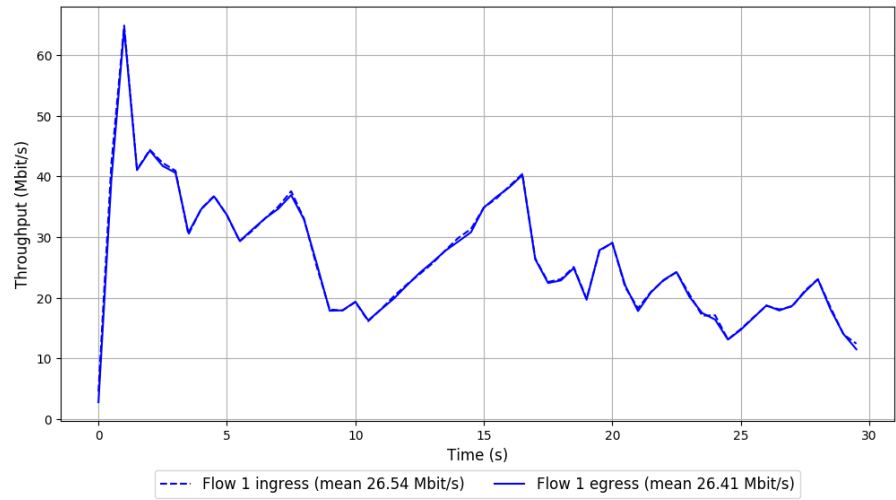
-- Flow 1:

Average throughput: 26.41 Mbit/s

95th percentile per-packet one-way delay: 33.473 ms

Loss rate: 0.69%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2018-02-04 05:35:36

End at: 2018-02-04 05:36:06

Local clock offset: 0.472 ms

Remote clock offset: 0.419 ms

Below is generated by plot.py at 2018-02-04 12:19:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 14.98 Mbit/s

95th percentile per-packet one-way delay: 31.430 ms

Loss rate: 0.76%

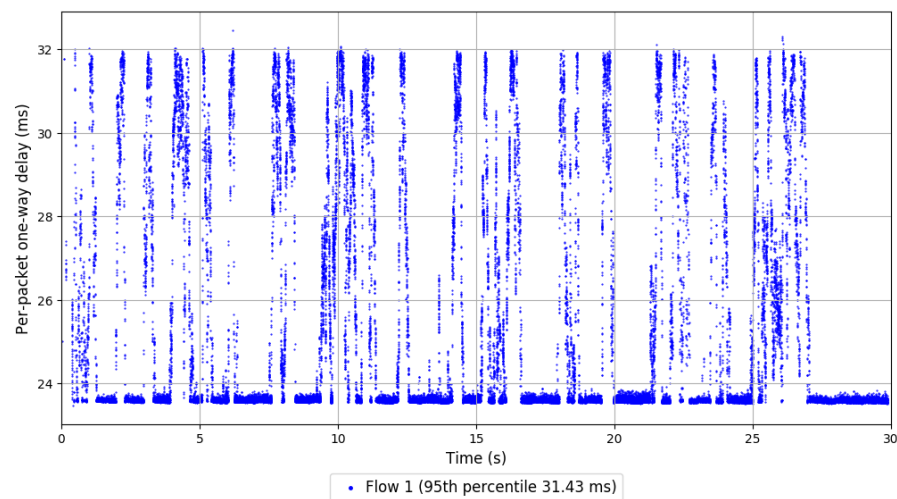
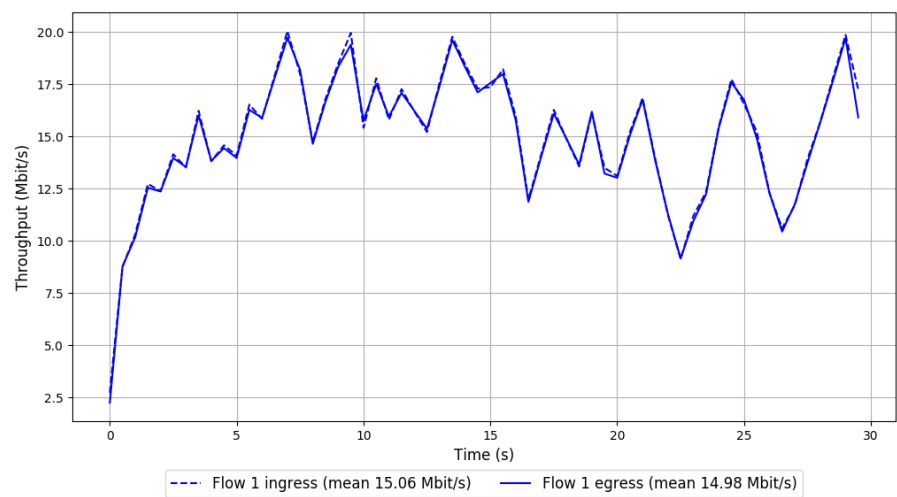
-- Flow 1:

Average throughput: 14.98 Mbit/s

95th percentile per-packet one-way delay: 31.430 ms

Loss rate: 0.76%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2018-02-04 06:00:01

End at: 2018-02-04 06:00:31

Local clock offset: 0.345 ms

Remote clock offset: -0.072 ms

Below is generated by plot.py at 2018-02-04 12:19:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 38.18 Mbit/s

95th percentile per-packet one-way delay: 31.517 ms

Loss rate: 0.61%

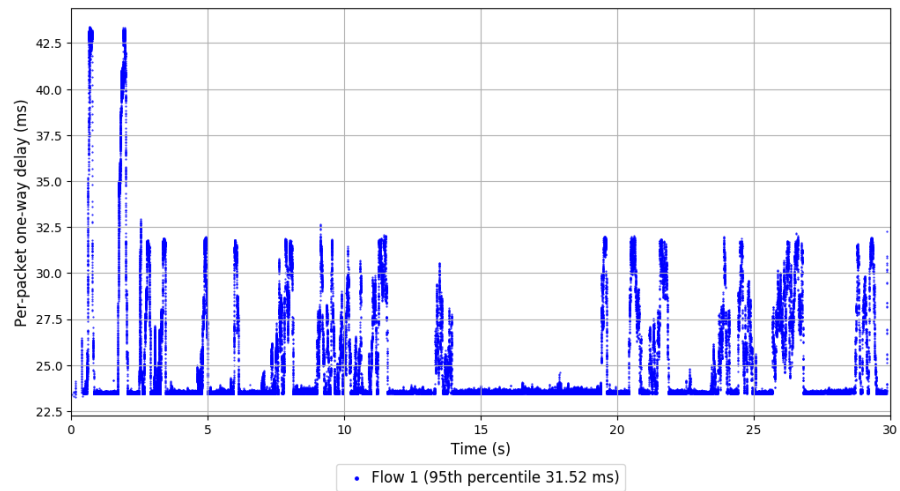
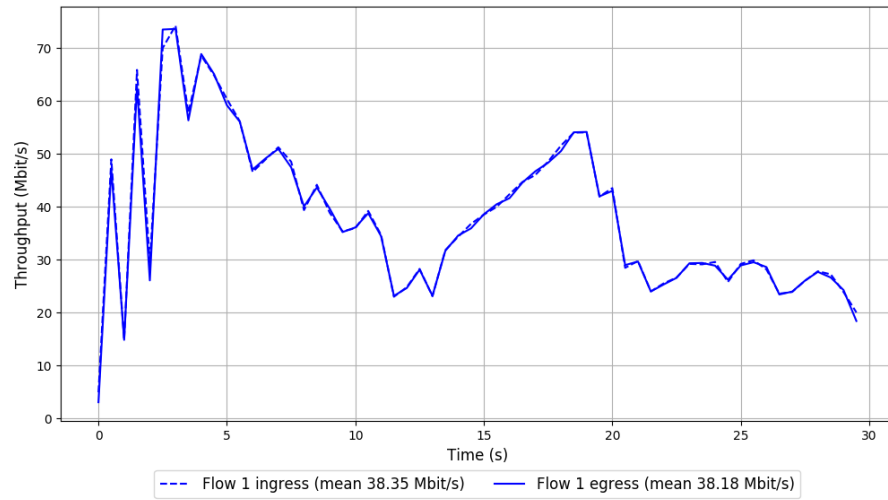
-- Flow 1:

Average throughput: 38.18 Mbit/s

95th percentile per-packet one-way delay: 31.517 ms

Loss rate: 0.61%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2018-02-04 06:24:55

End at: 2018-02-04 06:25:25

Local clock offset: 0.352 ms

Remote clock offset: 0.315 ms

Below is generated by plot.py at 2018-02-04 12:19:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 47.62 Mbit/s

95th percentile per-packet one-way delay: 34.183 ms

Loss rate: 0.46%

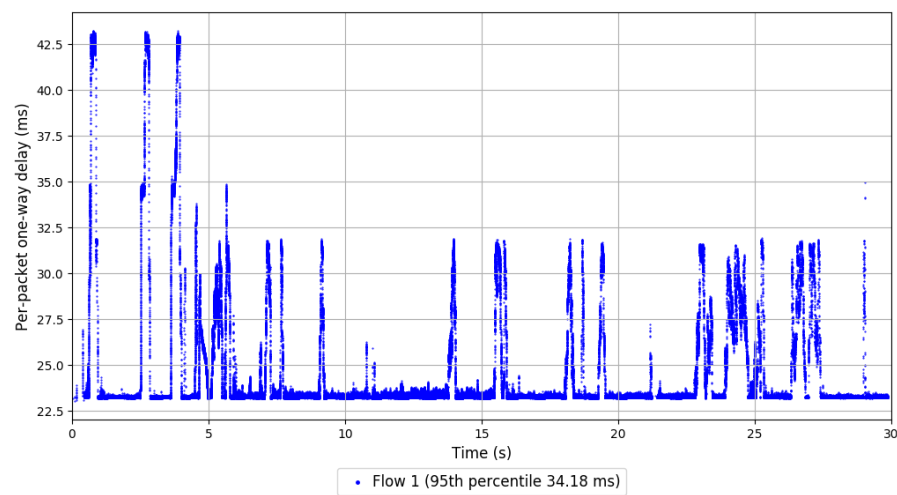
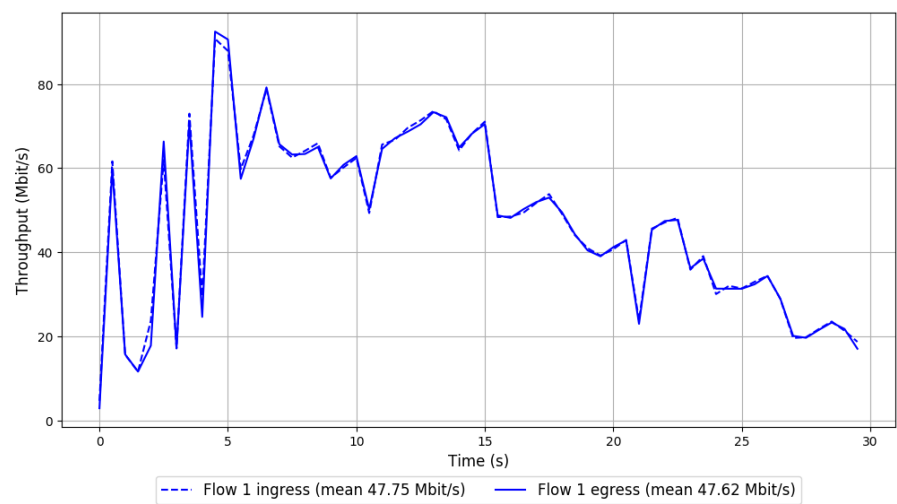
-- Flow 1:

Average throughput: 47.62 Mbit/s

95th percentile per-packet one-way delay: 34.183 ms

Loss rate: 0.46%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: 2018-02-04 06:49:28

End at: 2018-02-04 06:49:58

Local clock offset: 0.513 ms

Remote clock offset: 1.226 ms

Below is generated by plot.py at 2018-02-04 12:19:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 31.11 Mbit/s

95th percentile per-packet one-way delay: 31.371 ms

Loss rate: 0.75%

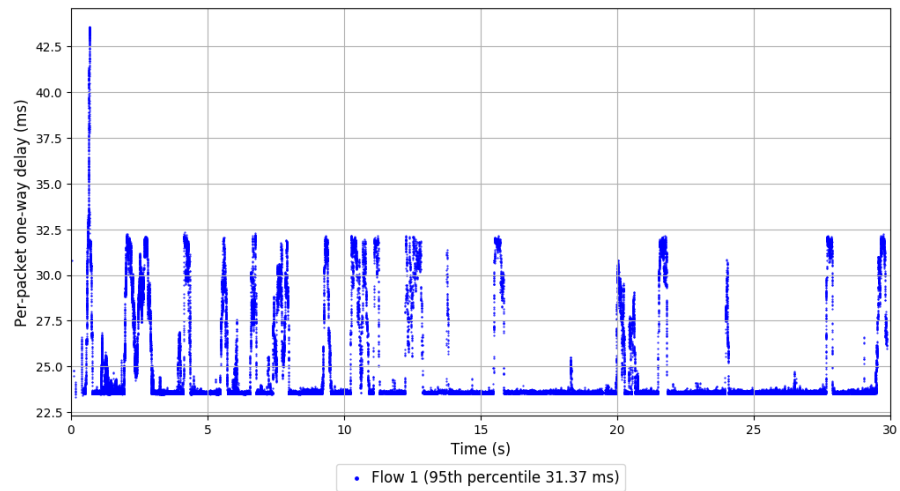
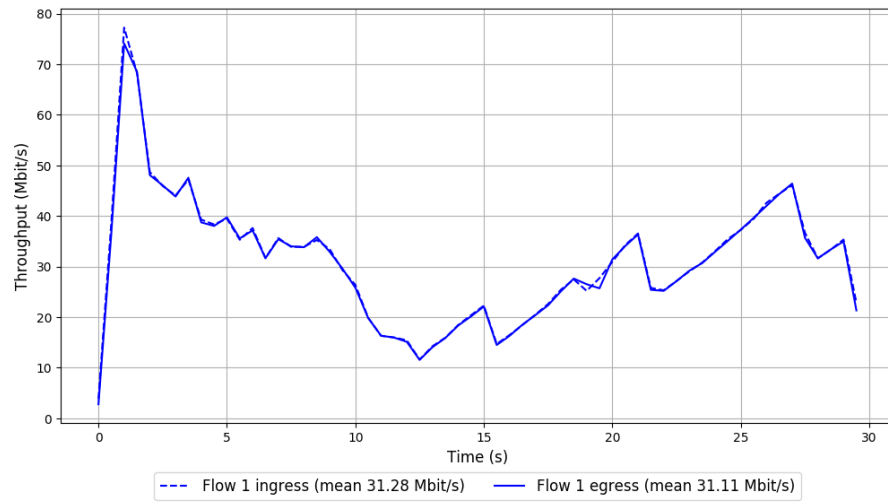
-- Flow 1:

Average throughput: 31.11 Mbit/s

95th percentile per-packet one-way delay: 31.371 ms

Loss rate: 0.75%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2018-02-04 07:14:10

End at: 2018-02-04 07:14:40

Local clock offset: 0.615 ms

Remote clock offset: 2.441 ms

Below is generated by plot.py at 2018-02-04 12:19:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 61.82 Mbit/s

95th percentile per-packet one-way delay: 34.853 ms

Loss rate: 0.33%

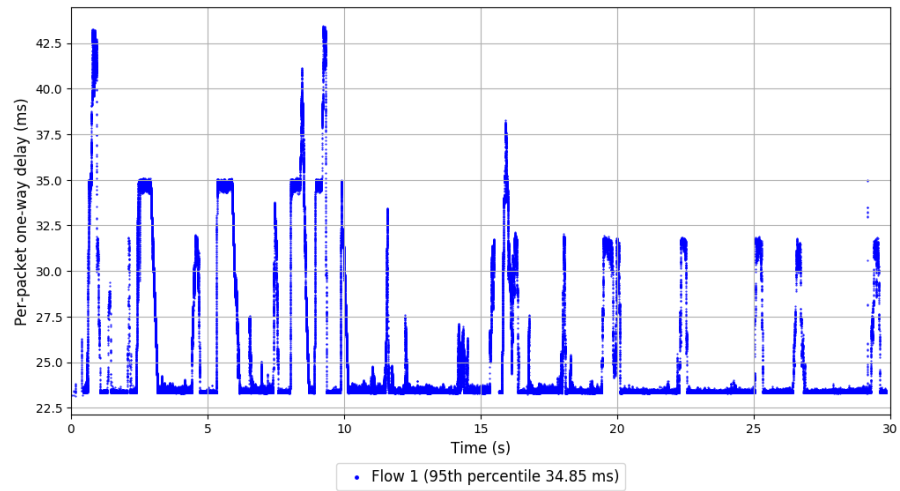
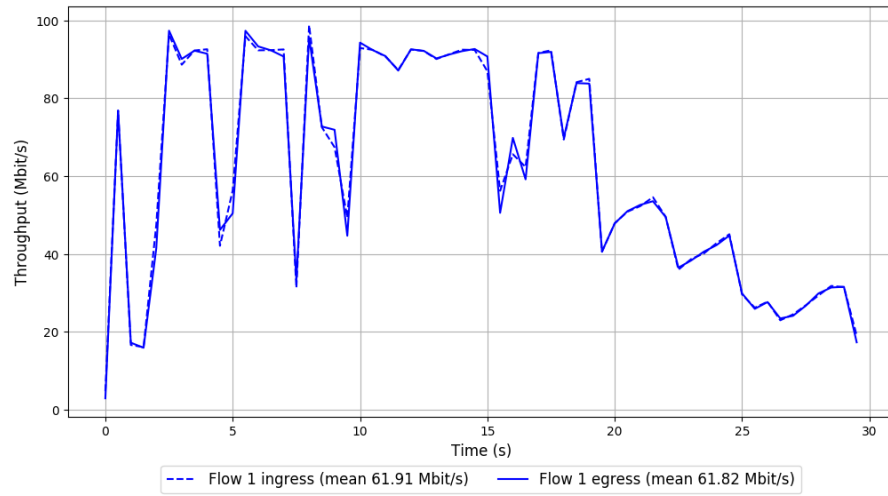
-- Flow 1:

Average throughput: 61.82 Mbit/s

95th percentile per-packet one-way delay: 34.853 ms

Loss rate: 0.33%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2018-02-04 07:38:30

End at: 2018-02-04 07:39:00

Local clock offset: 0.777 ms

Remote clock offset: 2.882 ms

Below is generated by plot.py at 2018-02-04 12:19:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 61.60 Mbit/s

95th percentile per-packet one-way delay: 34.477 ms

Loss rate: 0.45%

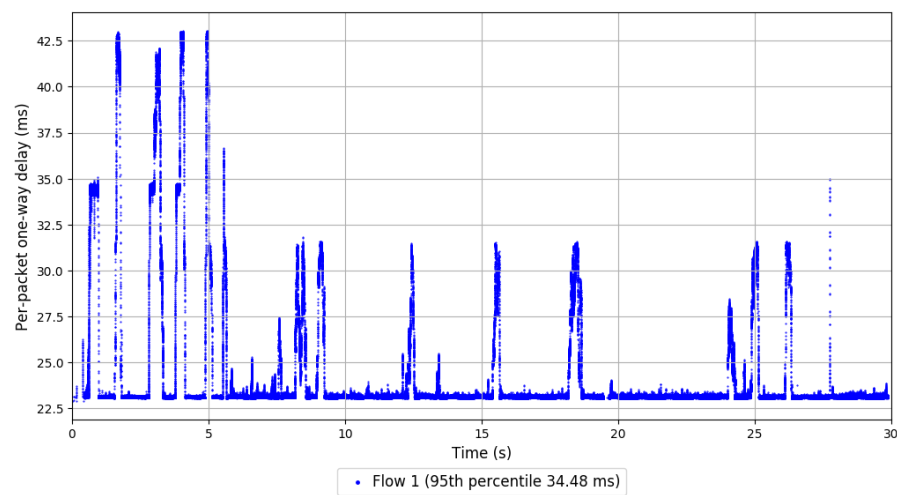
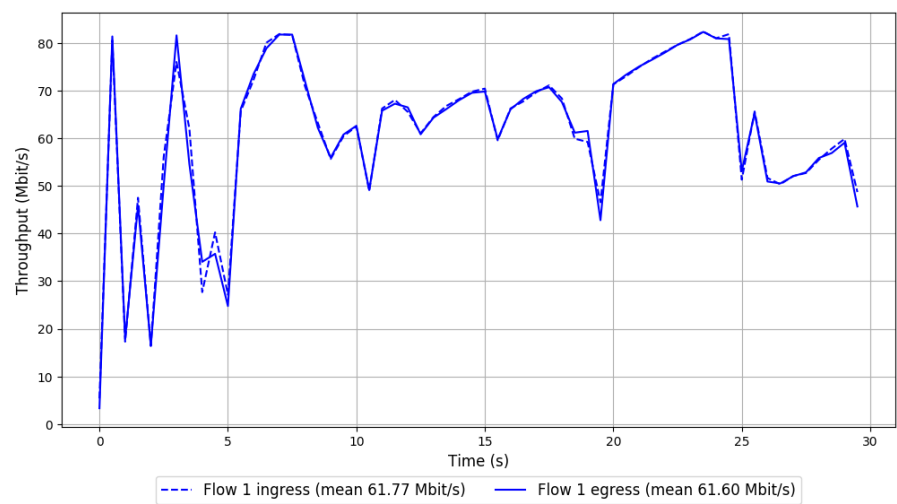
-- Flow 1:

Average throughput: 61.60 Mbit/s

95th percentile per-packet one-way delay: 34.477 ms

Loss rate: 0.45%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-02-04 08:02:47

End at: 2018-02-04 08:03:17

Local clock offset: 1.032 ms

Remote clock offset: 1.633 ms

Below is generated by plot.py at 2018-02-04 12:20:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 74.15 Mbit/s

95th percentile per-packet one-way delay: 34.658 ms

Loss rate: 0.38%

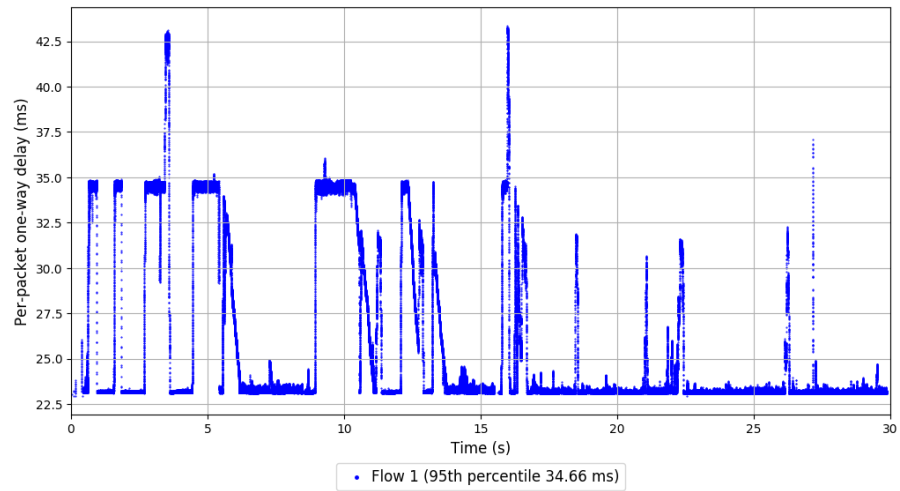
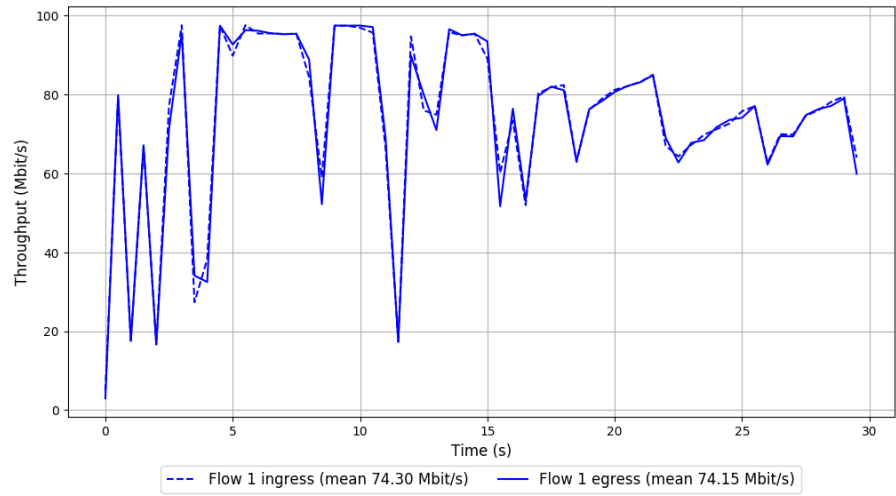
-- Flow 1:

Average throughput: 74.15 Mbit/s

95th percentile per-packet one-way delay: 34.658 ms

Loss rate: 0.38%

Run 10: Report of QUIC Cubic — Data Link

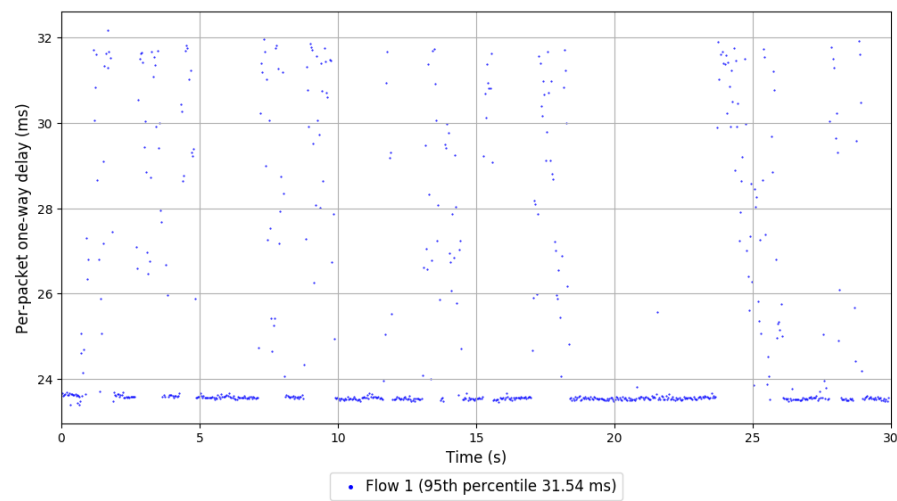
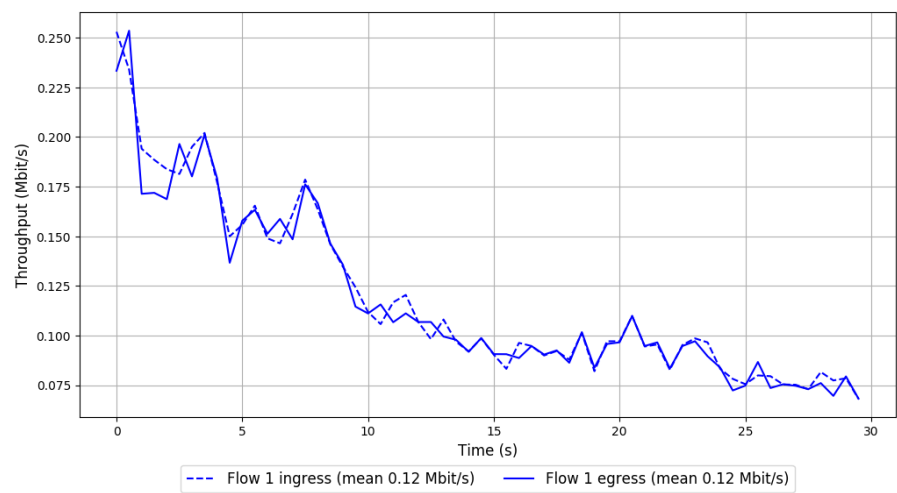


```
Run 1: Statistics of SCReAM

Start at: 2018-02-04 04:10:39
End at: 2018-02-04 04:11:09
Local clock offset: 0.444 ms
Remote clock offset: 1.618 ms

# Below is generated by plot.py at 2018-02-04 12:20:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.12 Mbit/s
95th percentile per-packet one-way delay: 31.542 ms
Loss rate: 1.49%
-- Flow 1:
Average throughput: 0.12 Mbit/s
95th percentile per-packet one-way delay: 31.542 ms
Loss rate: 1.49%
```

Run 1: Report of SReAM — Data Link

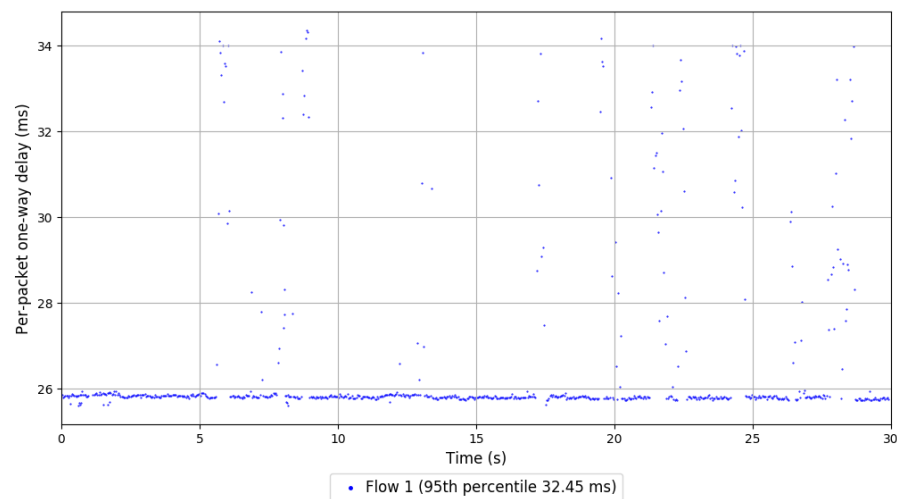
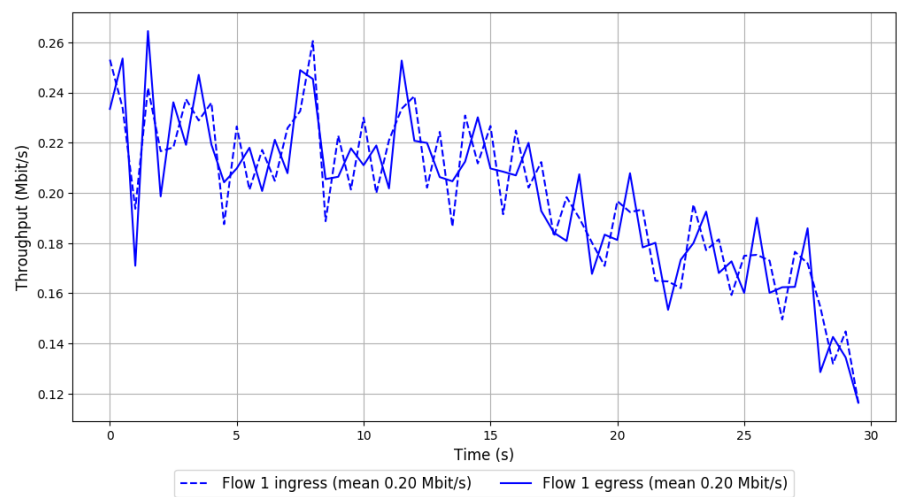


Run 2: Statistics of SCReAM

Start at: 2018-02-04 04:37:14
End at: 2018-02-04 04:37:44
Local clock offset: 0.579 ms
Remote clock offset: -0.237 ms

Below is generated by plot.py at 2018-02-04 12:20:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 32.453 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 32.453 ms
Loss rate: 0.37%

Run 2: Report of SReAM — Data Link

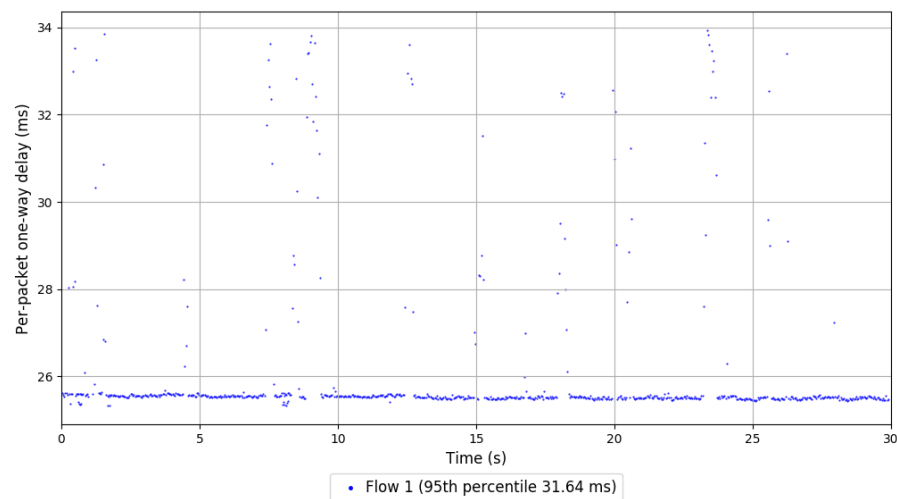
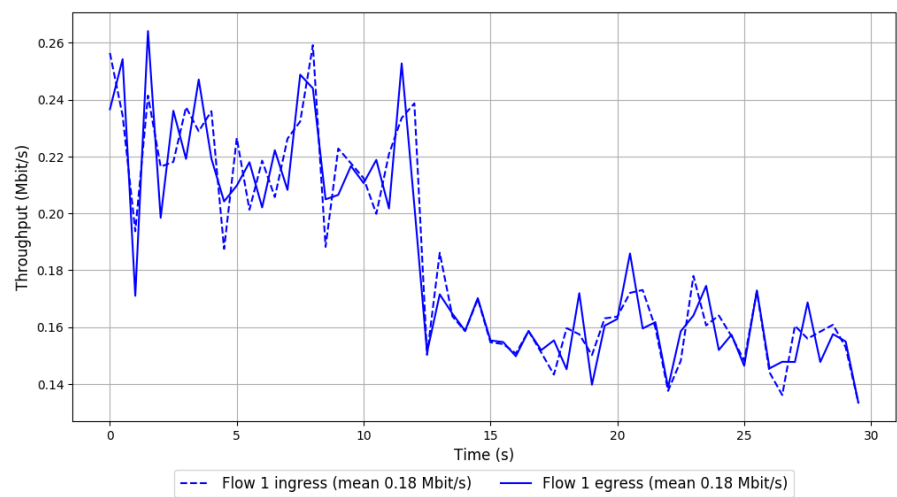


Run 3: Statistics of SCReAM

Start at: 2018-02-04 05:02:14
End at: 2018-02-04 05:02:44
Local clock offset: 0.528 ms
Remote clock offset: -0.748 ms

Below is generated by plot.py at 2018-02-04 12:20:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 31.639 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 31.639 ms
Loss rate: 0.43%

Run 3: Report of SReAM — Data Link



Run 4: Statistics of SCReAM

Start at: 2018-02-04 05:27:22

End at: 2018-02-04 05:27:52

Local clock offset: 0.427 ms

Remote clock offset: 1.129 ms

Below is generated by plot.py at 2018-02-04 12:20:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.14 Mbit/s

95th percentile per-packet one-way delay: 30.538 ms

Loss rate: 0.53%

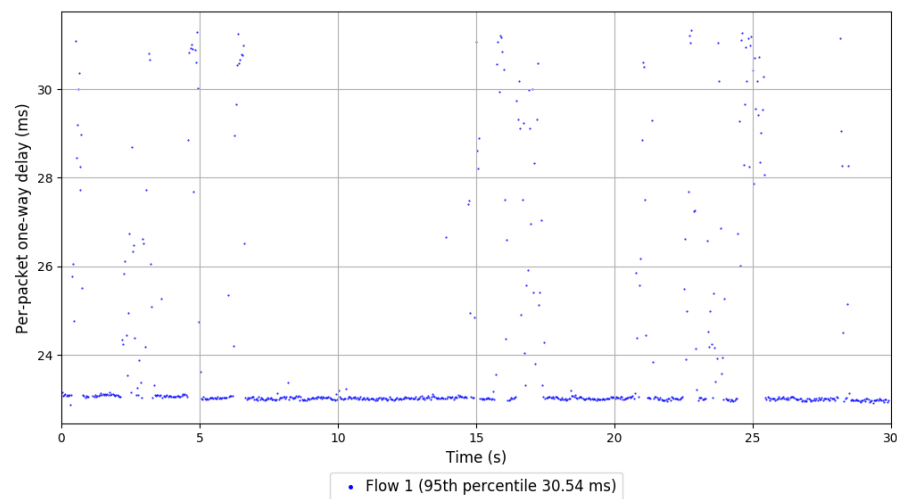
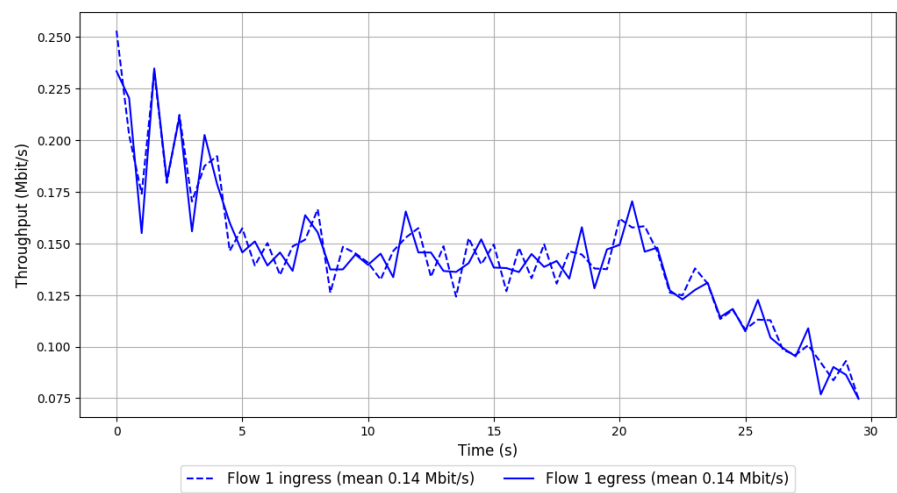
-- Flow 1:

Average throughput: 0.14 Mbit/s

95th percentile per-packet one-way delay: 30.538 ms

Loss rate: 0.53%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

Start at: 2018-02-04 05:52:10

End at: 2018-02-04 05:52:40

Local clock offset: 0.428 ms

Remote clock offset: 0.362 ms

Below is generated by plot.py at 2018-02-04 12:20:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 23.202 ms

Loss rate: 0.13%

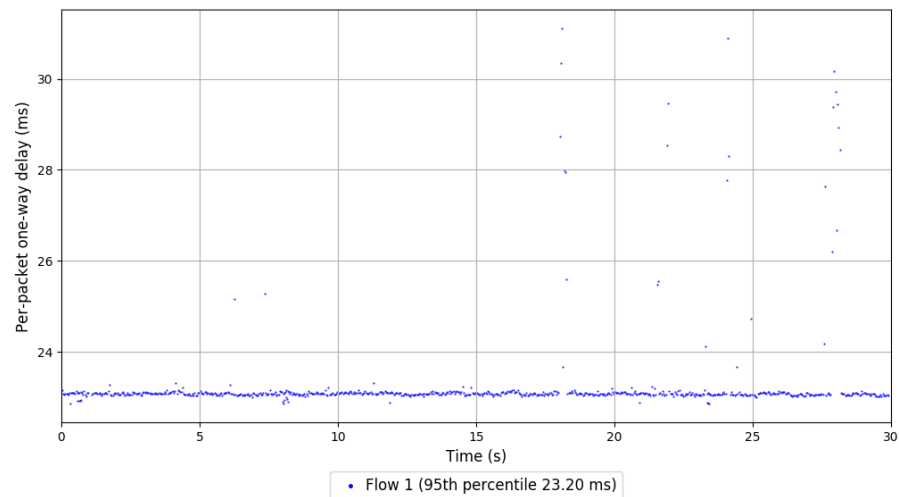
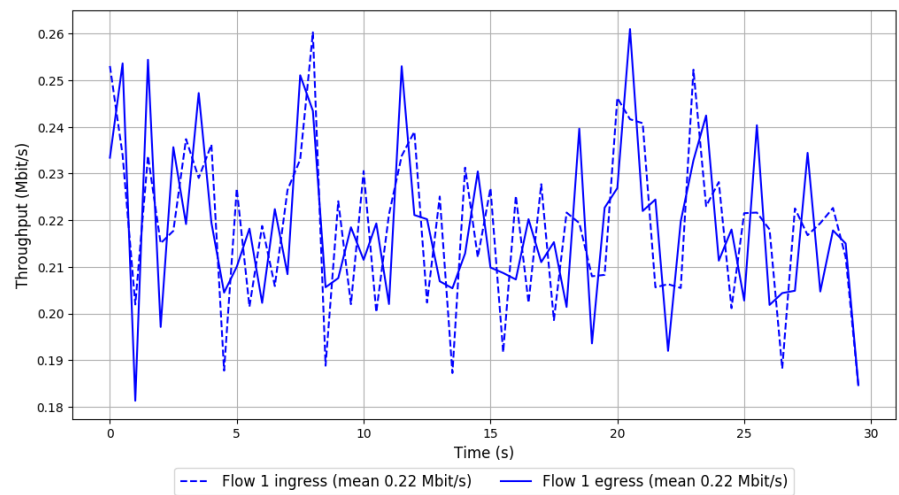
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 23.202 ms

Loss rate: 0.13%

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SCReAM

Start at: 2018-02-04 06:16:57

End at: 2018-02-04 06:17:27

Local clock offset: 0.186 ms

Remote clock offset: 0.177 ms

Below is generated by plot.py at 2018-02-04 12:20:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 27.036 ms

Loss rate: 0.37%

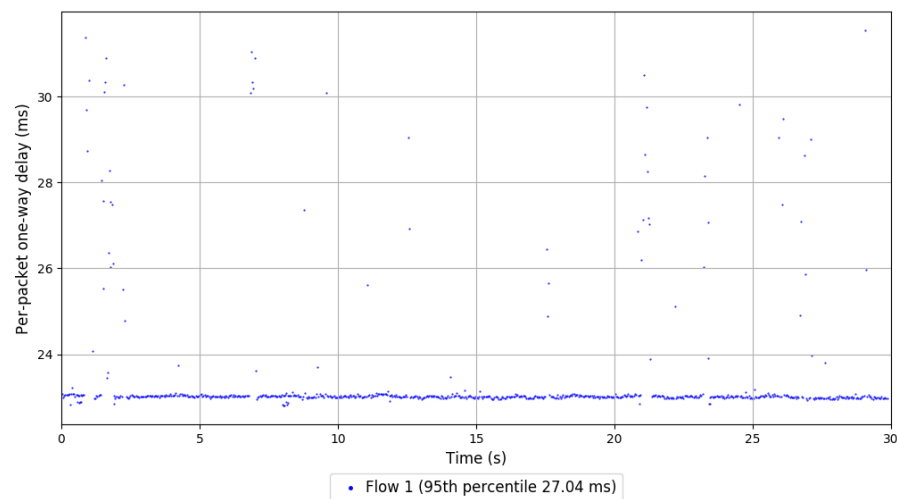
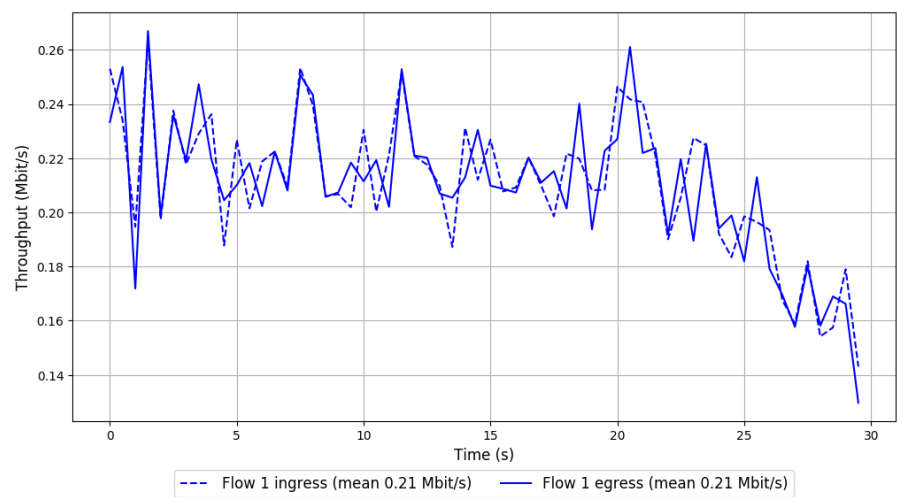
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 27.036 ms

Loss rate: 0.37%

Run 6: Report of SReAM — Data Link



Run 7: Statistics of SReAM

Start at: 2018-02-04 06:41:29

End at: 2018-02-04 06:41:59

Local clock offset: 0.451 ms

Remote clock offset: 0.675 ms

Below is generated by plot.py at 2018-02-04 12:20:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 28.670 ms

Loss rate: 0.13%

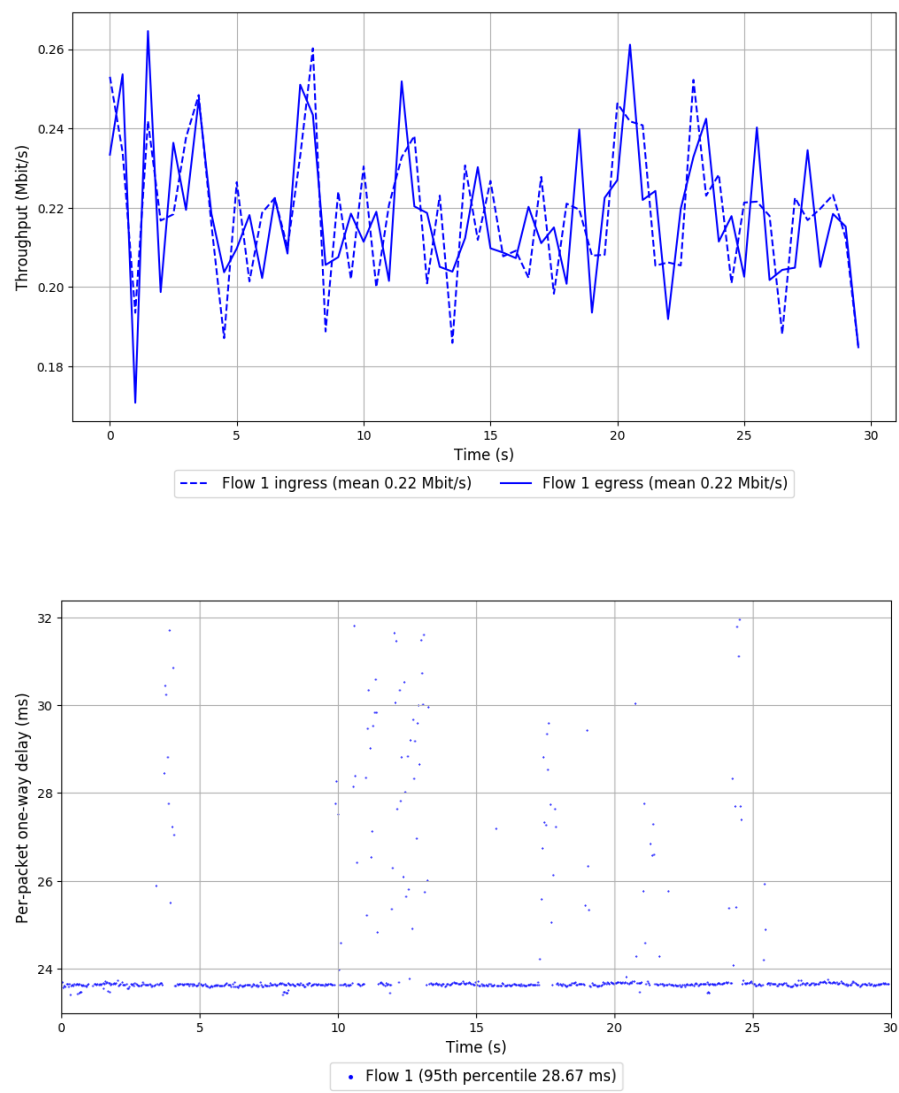
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 28.670 ms

Loss rate: 0.13%

Run 7: Report of SReAM — Data Link

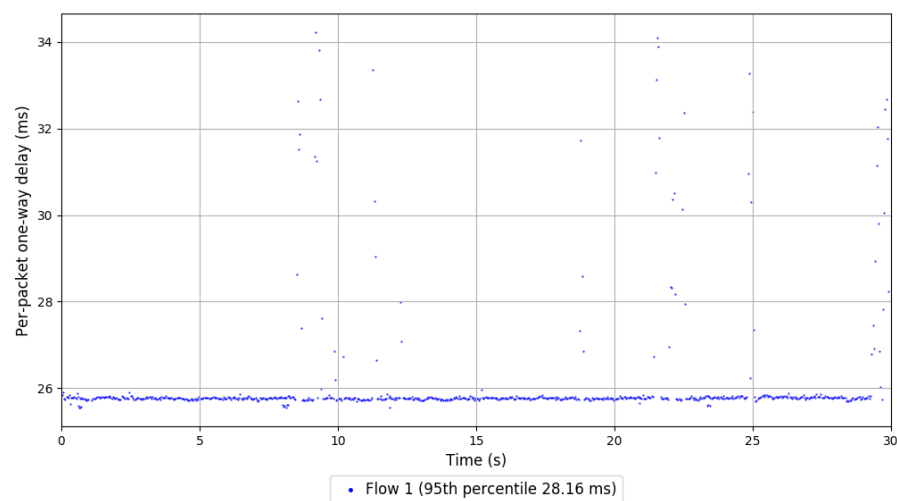
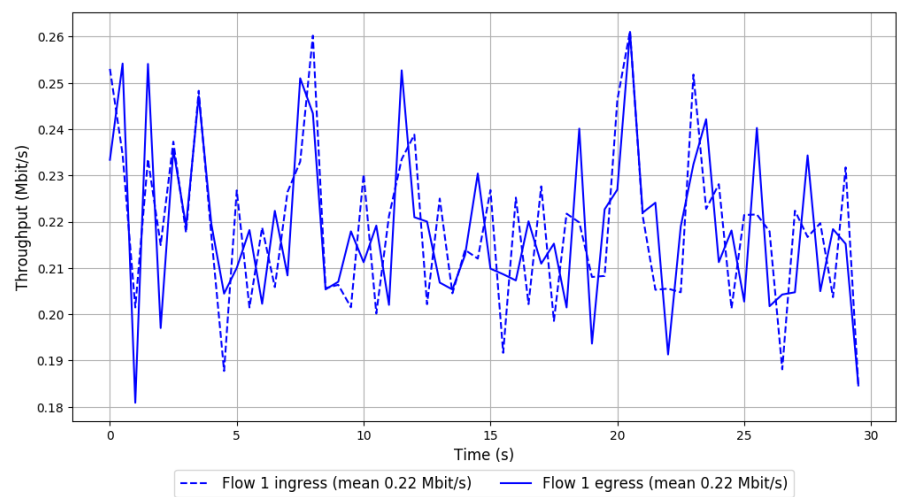


Run 8: Statistics of SCReAM

Start at: 2018-02-04 07:06:09
End at: 2018-02-04 07:06:39
Local clock offset: 0.666 ms
Remote clock offset: -0.111 ms

Below is generated by plot.py at 2018-02-04 12:20:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 28.165 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 28.165 ms
Loss rate: 0.13%

Run 8: Report of SReAM — Data Link



Run 9: Statistics of SCReAM

Start at: 2018-02-04 07:30:40

End at: 2018-02-04 07:31:10

Local clock offset: 0.713 ms

Remote clock offset: 3.14 ms

Below is generated by plot.py at 2018-02-04 12:20:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 26.133 ms

Loss rate: 0.41%

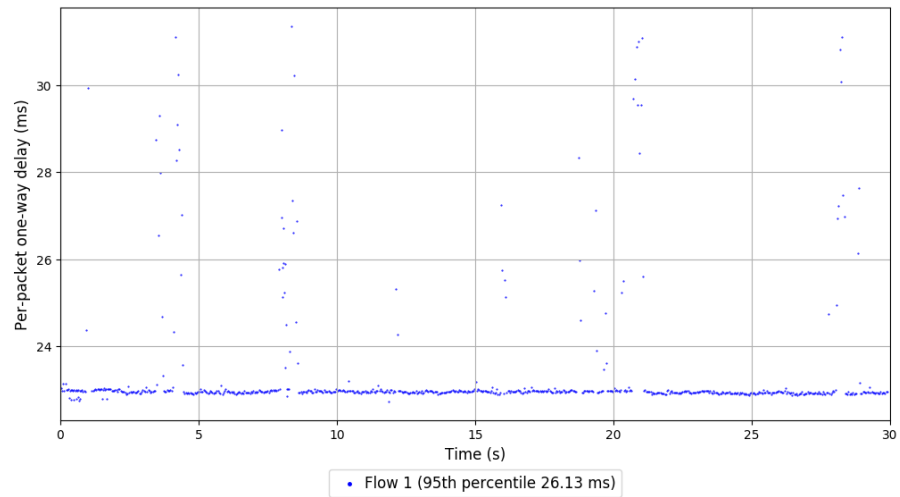
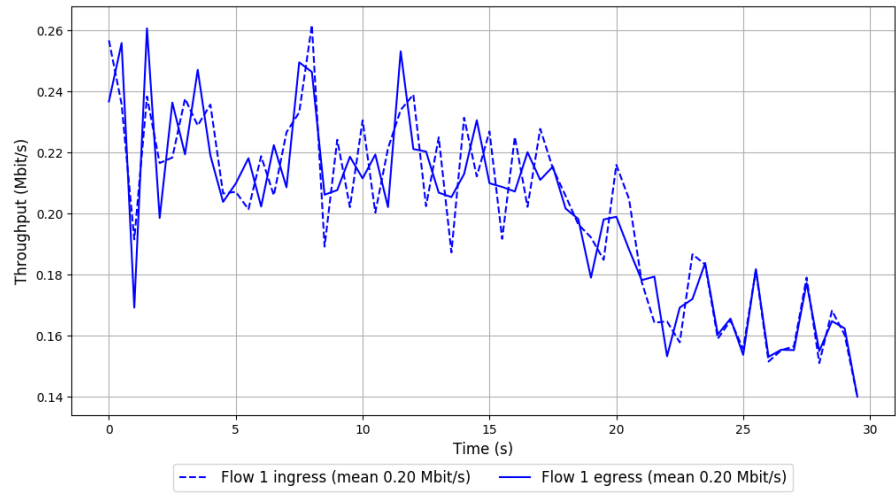
-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 26.133 ms

Loss rate: 0.41%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SReAM

Start at: 2018-02-04 07:54:58

End at: 2018-02-04 07:55:28

Local clock offset: 0.898 ms

Remote clock offset: 1.561 ms

Below is generated by plot.py at 2018-02-04 12:20:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 23.644 ms

Loss rate: 0.13%

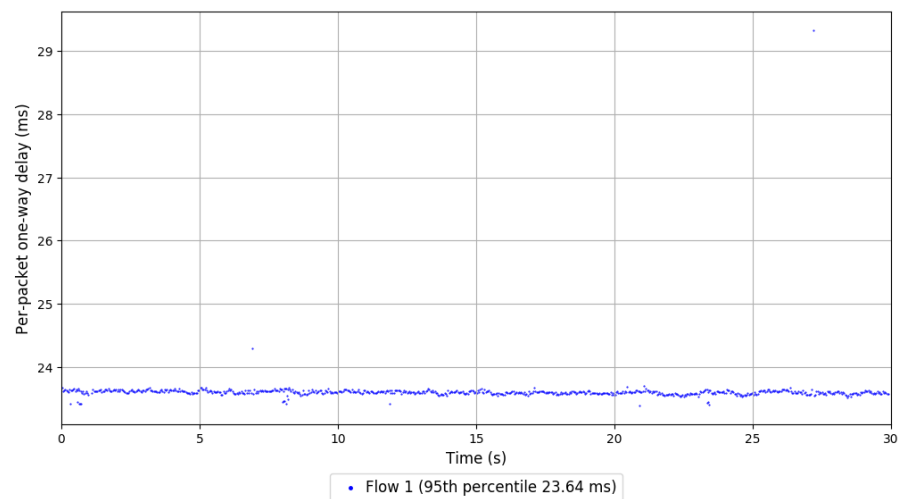
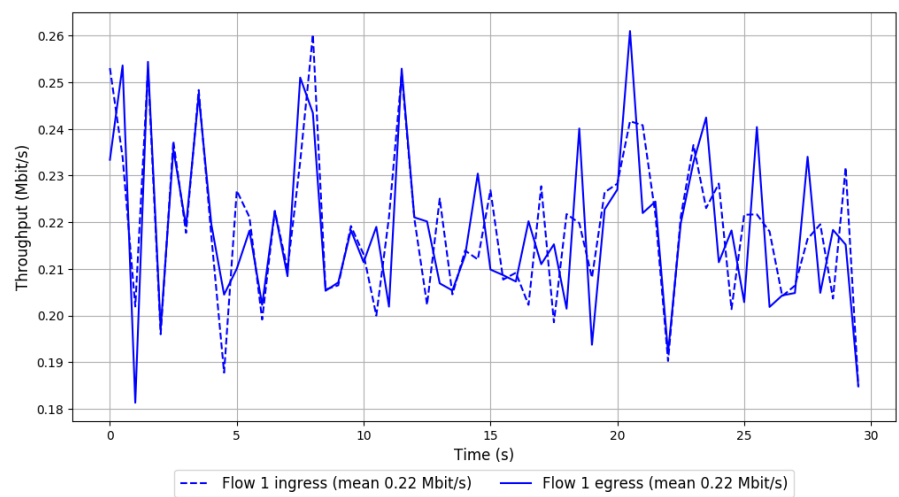
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 23.644 ms

Loss rate: 0.13%

Run 10: Report of SCRaM — Data Link

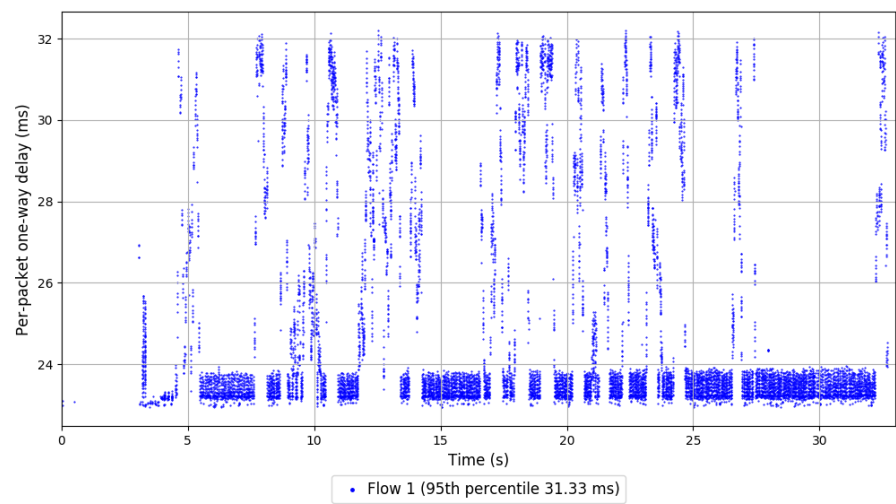
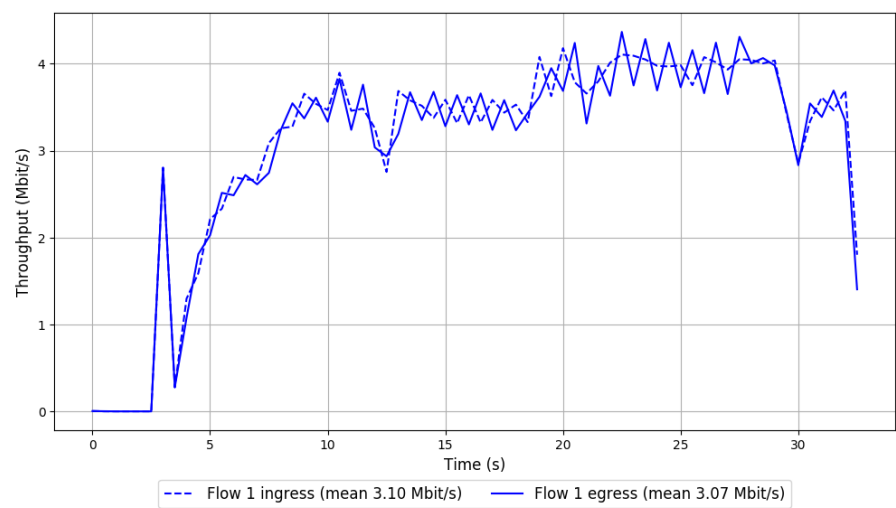


```
Run 1: Statistics of WebRTC media

Start at: 2018-02-04 04:13:30
End at: 2018-02-04 04:14:00
Local clock offset: 0.382 ms
Remote clock offset: 2.11 ms

# Below is generated by plot.py at 2018-02-04 12:20:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.07 Mbit/s
95th percentile per-packet one-way delay: 31.334 ms
Loss rate: 1.27%
-- Flow 1:
Average throughput: 3.07 Mbit/s
95th percentile per-packet one-way delay: 31.334 ms
Loss rate: 1.27%
```


Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: 2018-02-04 04:39:50

End at: 2018-02-04 04:40:20

Local clock offset: 0.557 ms

Remote clock offset: 1.78 ms

Below is generated by plot.py at 2018-02-04 12:20:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 3.07 Mbit/s

95th percentile per-packet one-way delay: 30.620 ms

Loss rate: 0.60%

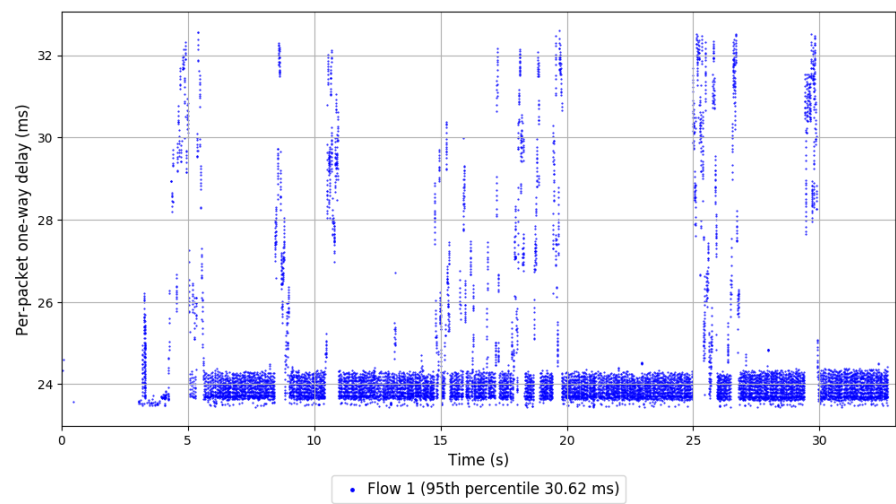
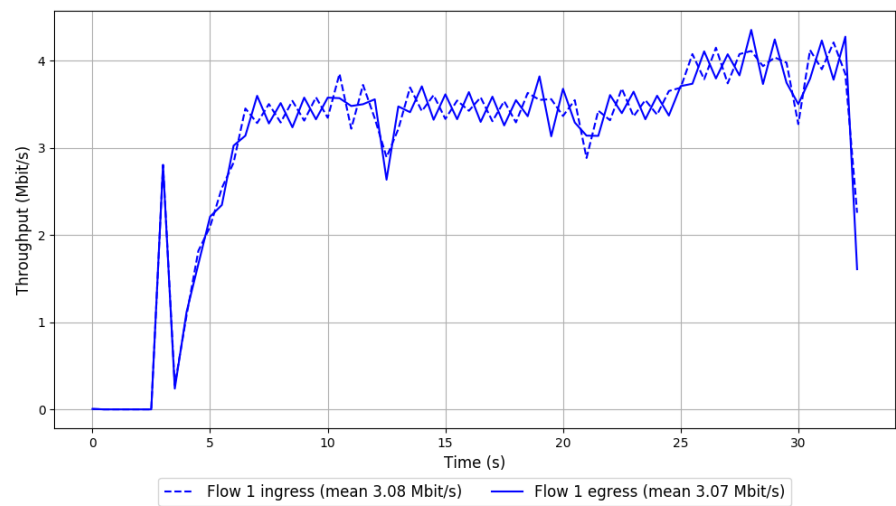
-- Flow 1:

Average throughput: 3.07 Mbit/s

95th percentile per-packet one-way delay: 30.620 ms

Loss rate: 0.60%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: 2018-02-04 05:04:50

End at: 2018-02-04 05:05:20

Local clock offset: 0.545 ms

Remote clock offset: 1.674 ms

Below is generated by plot.py at 2018-02-04 12:20:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 3.09 Mbit/s

95th percentile per-packet one-way delay: 30.999 ms

Loss rate: 0.85%

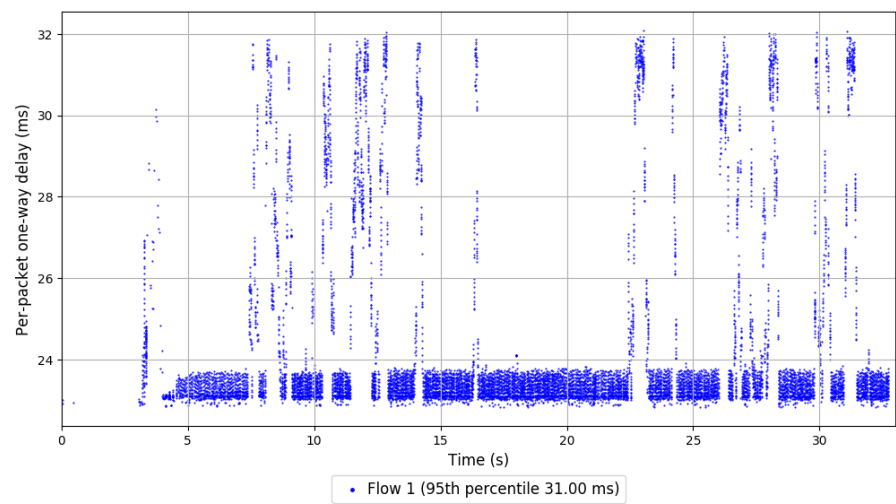
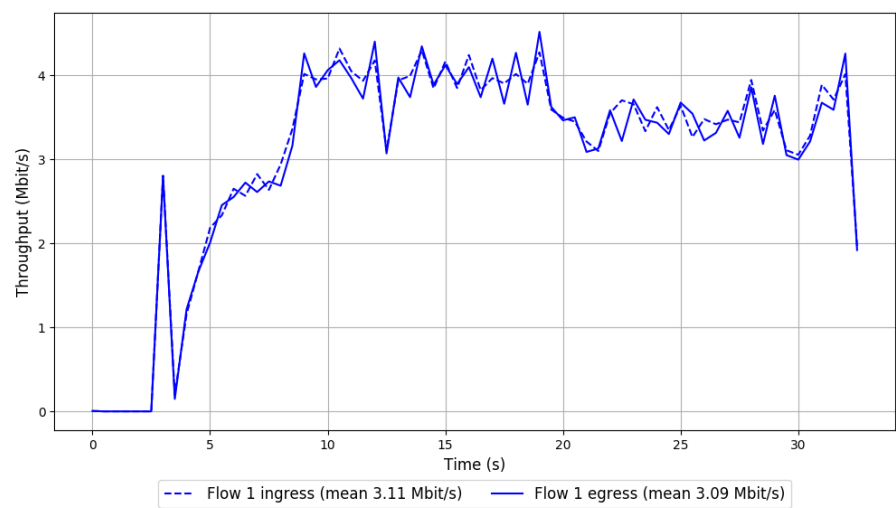
-- Flow 1:

Average throughput: 3.09 Mbit/s

95th percentile per-packet one-way delay: 30.999 ms

Loss rate: 0.85%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: 2018-02-04 05:30:01

End at: 2018-02-04 05:30:31

Local clock offset: 0.519 ms

Remote clock offset: 0.59 ms

Below is generated by plot.py at 2018-02-04 12:20:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 3.13 Mbit/s

95th percentile per-packet one-way delay: 31.362 ms

Loss rate: 1.18%

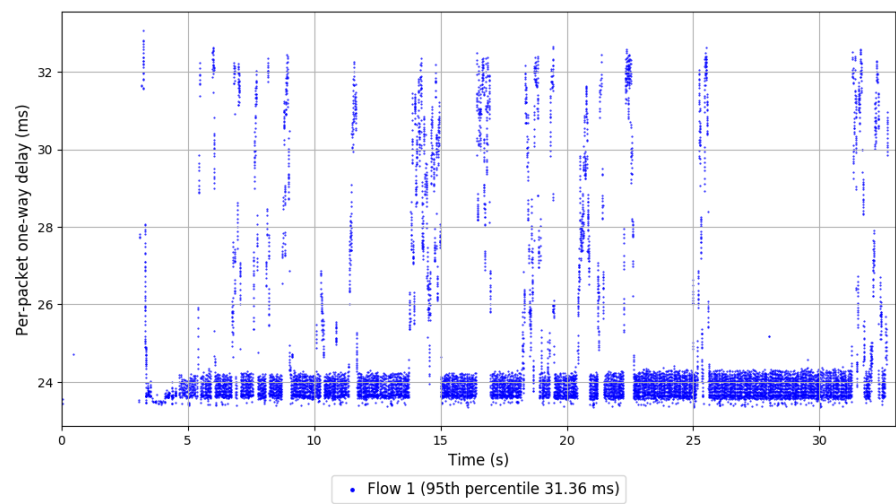
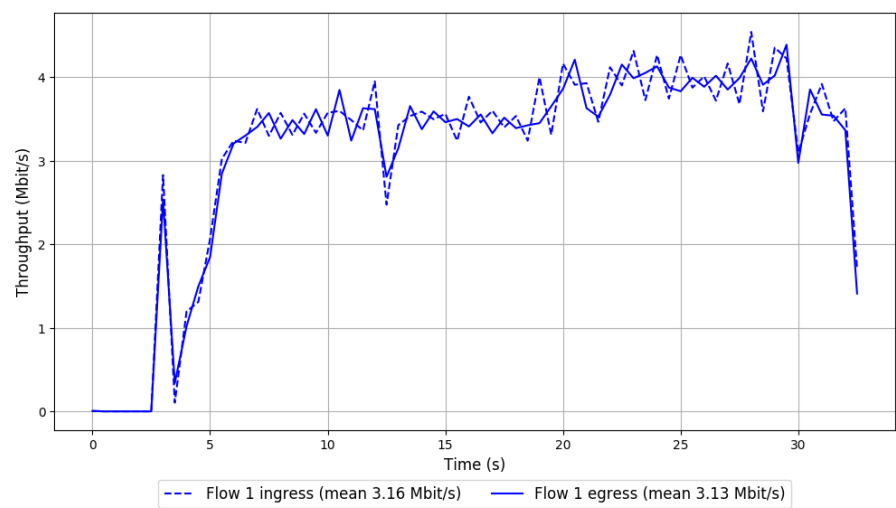
-- Flow 1:

Average throughput: 3.13 Mbit/s

95th percentile per-packet one-way delay: 31.362 ms

Loss rate: 1.18%

Run 4: Report of WebRTC media — Data Link

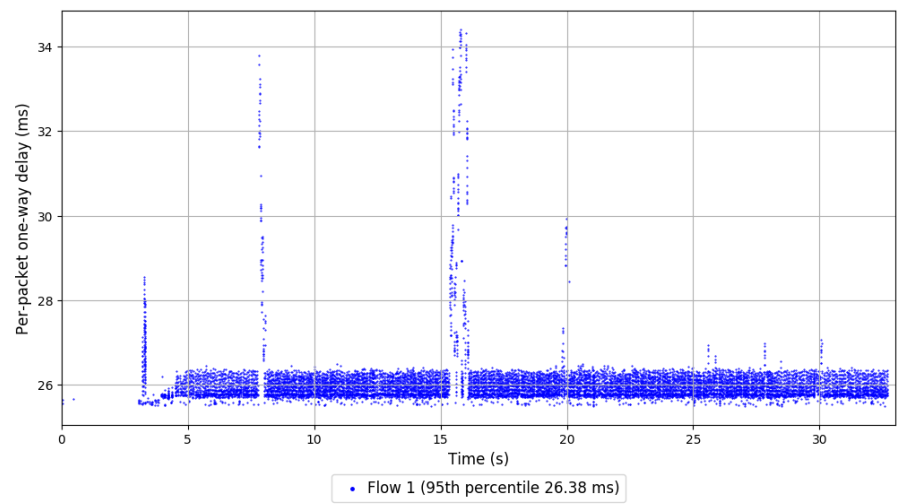
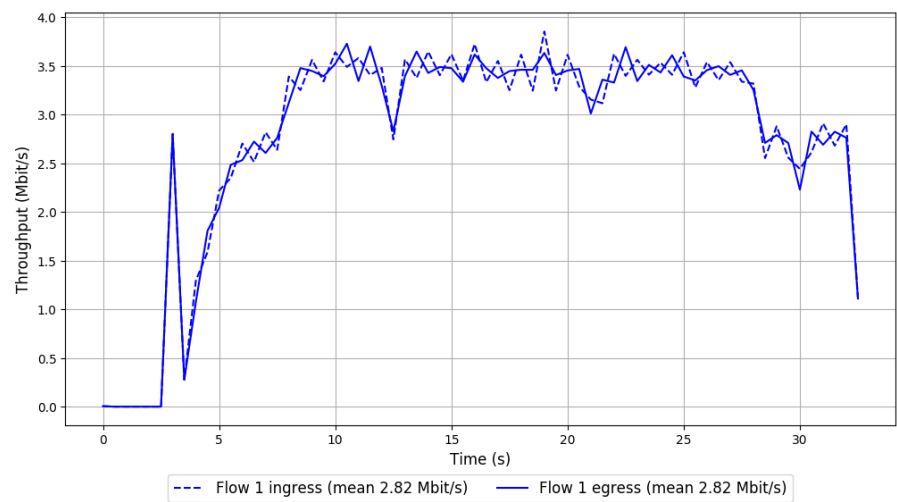


Run 5: Statistics of WebRTC media

Start at: 2018-02-04 05:54:45
End at: 2018-02-04 05:55:15
Local clock offset: 0.406 ms
Remote clock offset: -2.361 ms

Below is generated by plot.py at 2018-02-04 12:20:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.82 Mbit/s
95th percentile per-packet one-way delay: 26.382 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 2.82 Mbit/s
95th percentile per-packet one-way delay: 26.382 ms
Loss rate: 0.19%

Run 5: Report of WebRTC media — Data Link

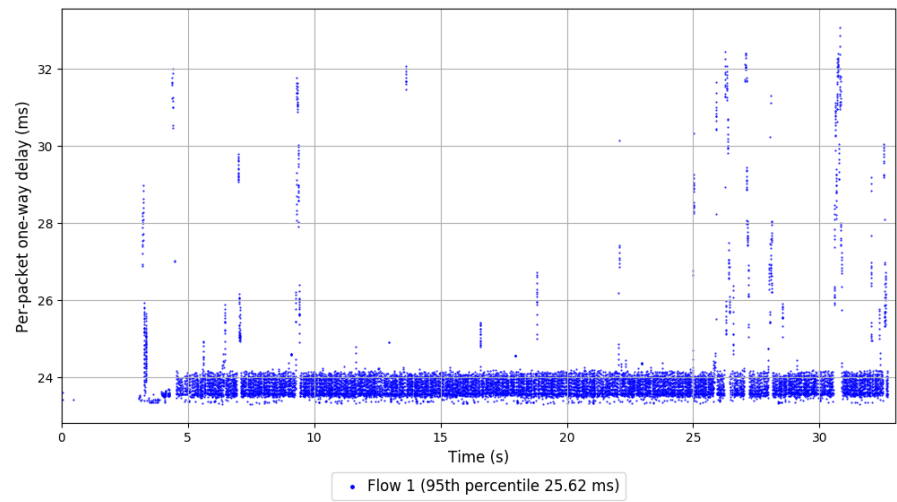
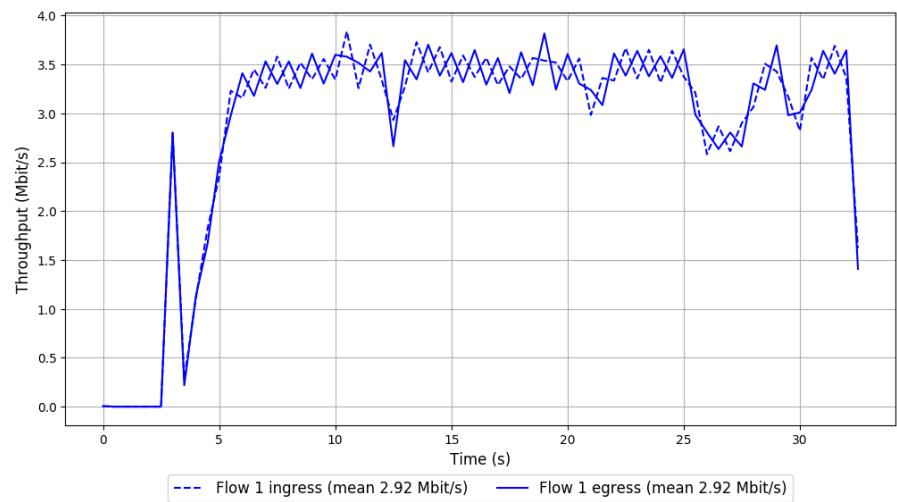


Run 6: Statistics of WebRTC media

Start at: 2018-02-04 06:19:34
End at: 2018-02-04 06:20:04
Local clock offset: 0.235 ms
Remote clock offset: -0.269 ms

Below is generated by plot.py at 2018-02-04 12:20:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.92 Mbit/s
95th percentile per-packet one-way delay: 25.621 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 2.92 Mbit/s
95th percentile per-packet one-way delay: 25.621 ms
Loss rate: 0.22%

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: 2018-02-04 06:44:06

End at: 2018-02-04 06:44:36

Local clock offset: 0.483 ms

Remote clock offset: 0.797 ms

Below is generated by plot.py at 2018-02-04 12:20:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 3.91 Mbit/s

95th percentile per-packet one-way delay: 32.042 ms

Loss rate: 2.62%

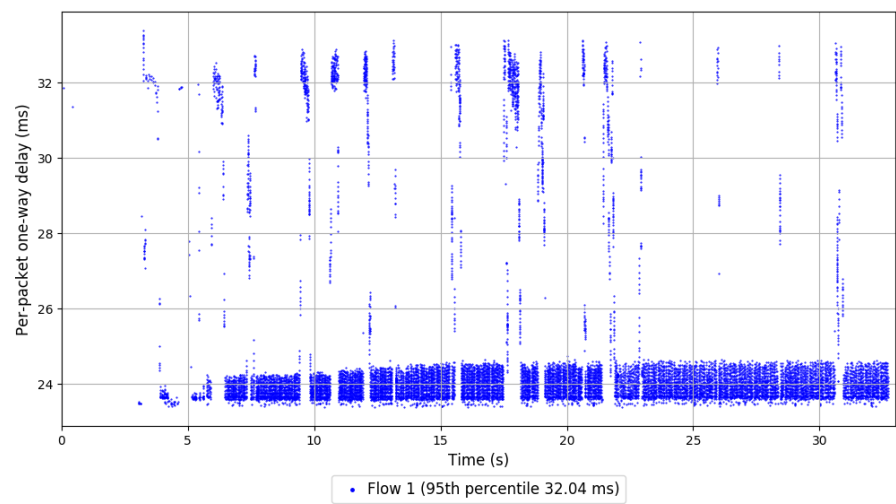
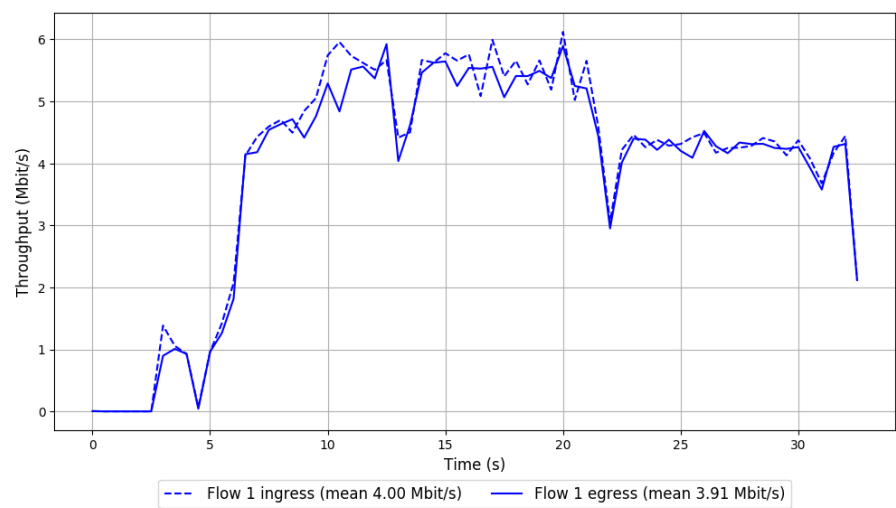
-- Flow 1:

Average throughput: 3.91 Mbit/s

95th percentile per-packet one-way delay: 32.042 ms

Loss rate: 2.62%

Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

Start at: 2018-02-04 07:08:49

End at: 2018-02-04 07:09:19

Local clock offset: 0.575 ms

Remote clock offset: 2.504 ms

Below is generated by plot.py at 2018-02-04 12:20:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.46 Mbit/s

95th percentile per-packet one-way delay: 23.809 ms

Loss rate: 0.34%

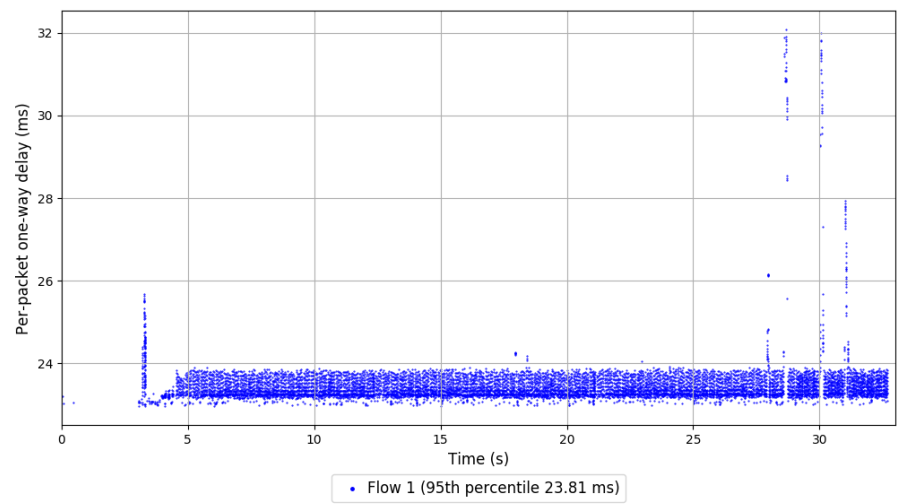
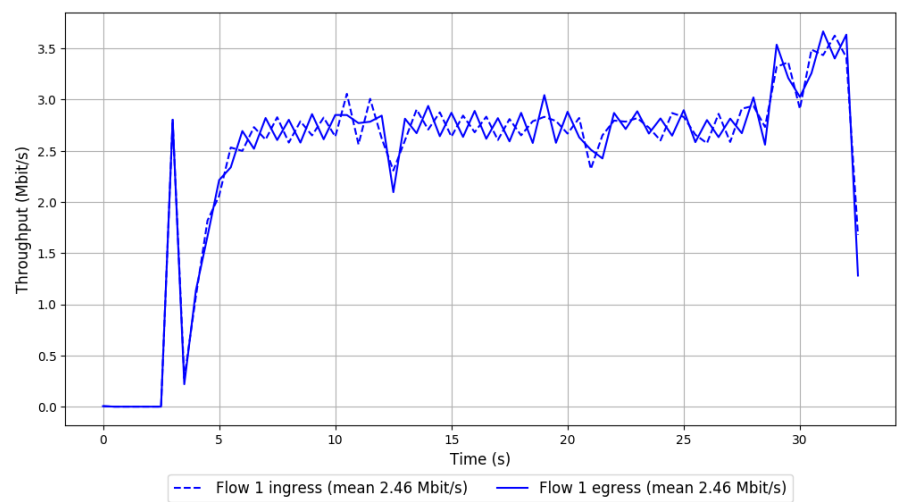
-- Flow 1:

Average throughput: 2.46 Mbit/s

95th percentile per-packet one-way delay: 23.809 ms

Loss rate: 0.34%

Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

Start at: 2018-02-04 07:33:15

End at: 2018-02-04 07:33:45

Local clock offset: 0.824 ms

Remote clock offset: 0.344 ms

Below is generated by plot.py at 2018-02-04 12:20:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.90 Mbit/s

95th percentile per-packet one-way delay: 29.630 ms

Loss rate: 0.29%

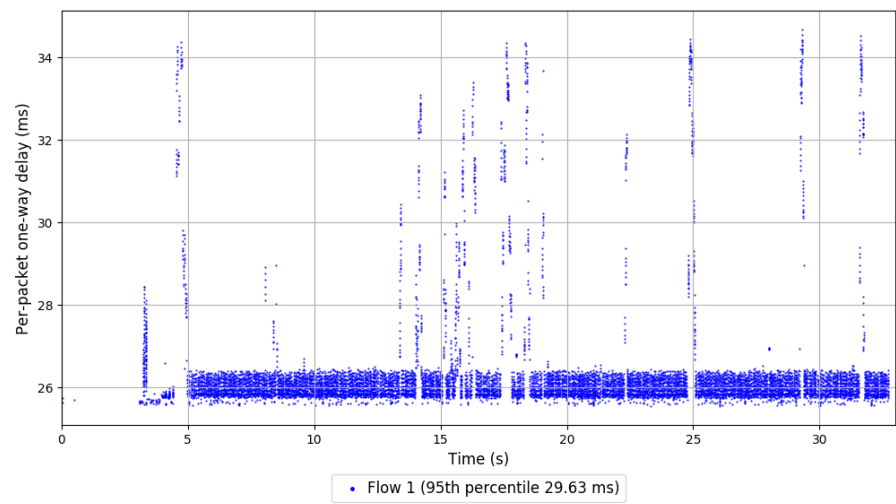
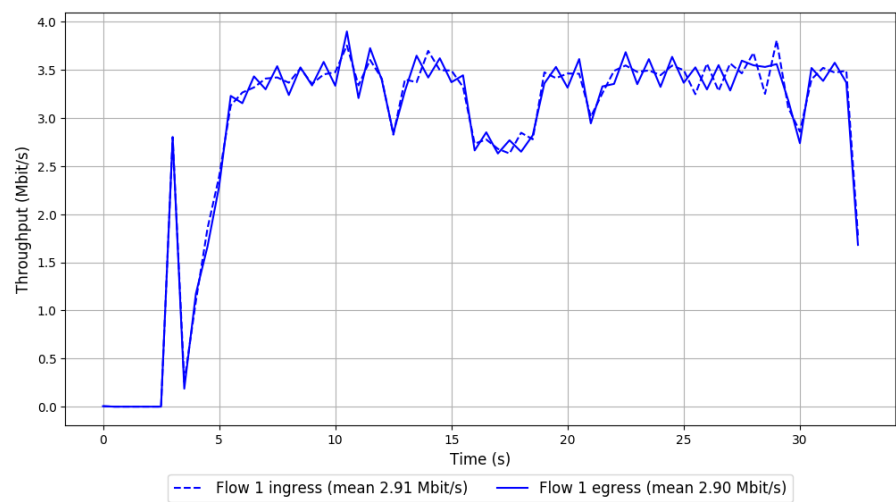
-- Flow 1:

Average throughput: 2.90 Mbit/s

95th percentile per-packet one-way delay: 29.630 ms

Loss rate: 0.29%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-02-04 07:57:33

End at: 2018-02-04 07:58:03

Local clock offset: 1.011 ms

Remote clock offset: 1.84 ms

Below is generated by plot.py at 2018-02-04 12:20:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.38 Mbit/s

95th percentile per-packet one-way delay: 23.767 ms

Loss rate: 0.29%

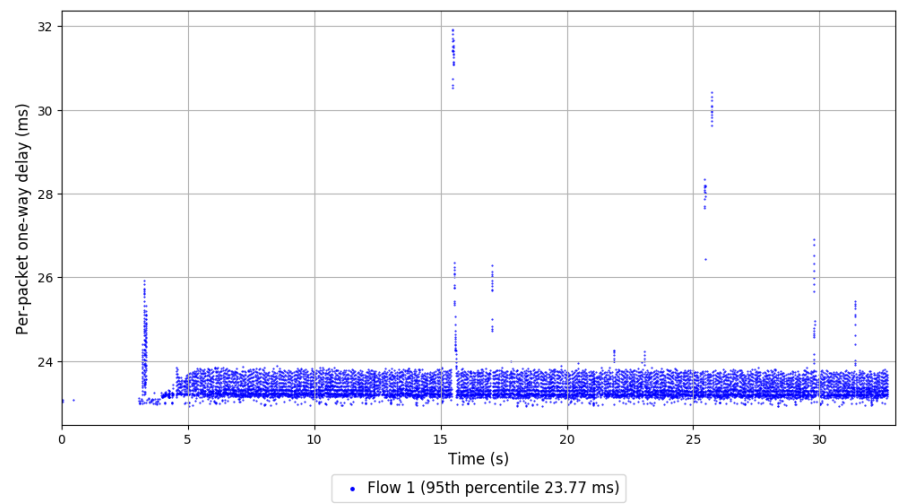
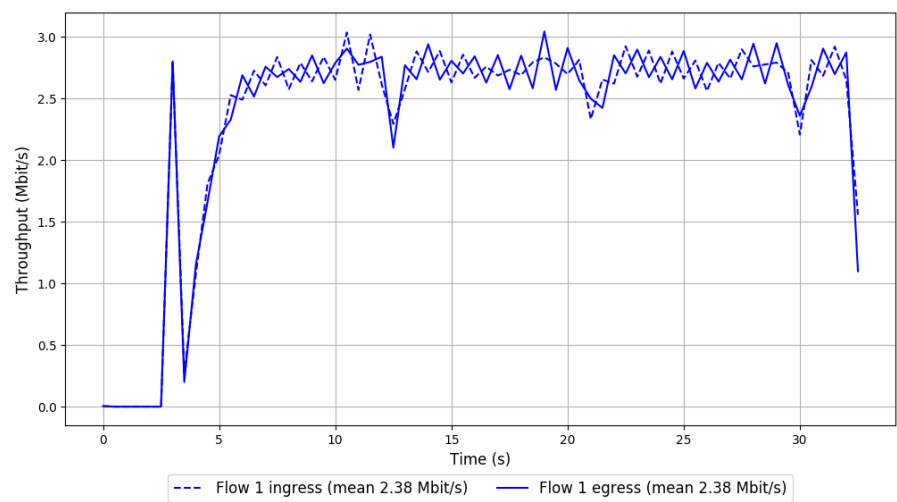
-- Flow 1:

Average throughput: 2.38 Mbit/s

95th percentile per-packet one-way delay: 23.767 ms

Loss rate: 0.29%

Run 10: Report of WebRTC media — Data Link



Run 1: Statistics of Sprout

Start at: 2018-02-04 04:14:48

End at: 2018-02-04 04:15:18

Local clock offset: 0.485 ms

Remote clock offset: 1.767 ms

Below is generated by plot.py at 2018-02-04 12:20:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 14.09 Mbit/s

95th percentile per-packet one-way delay: 33.280 ms

Loss rate: 1.10%

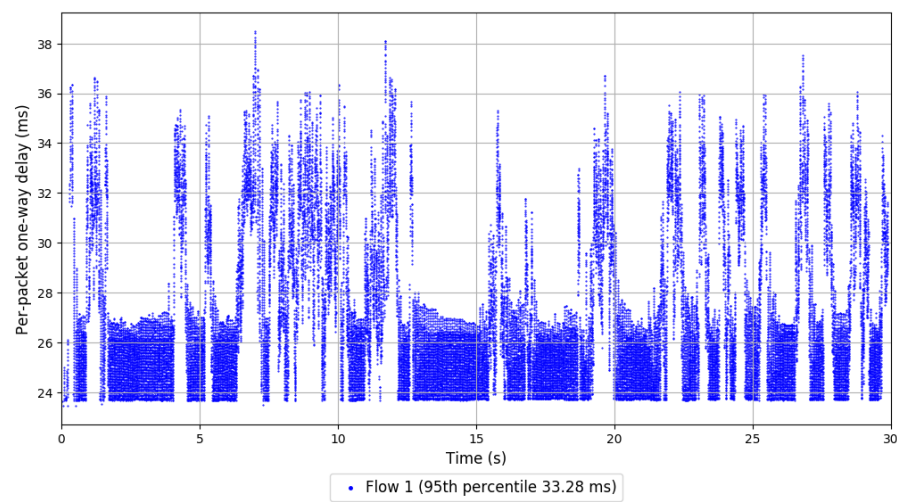
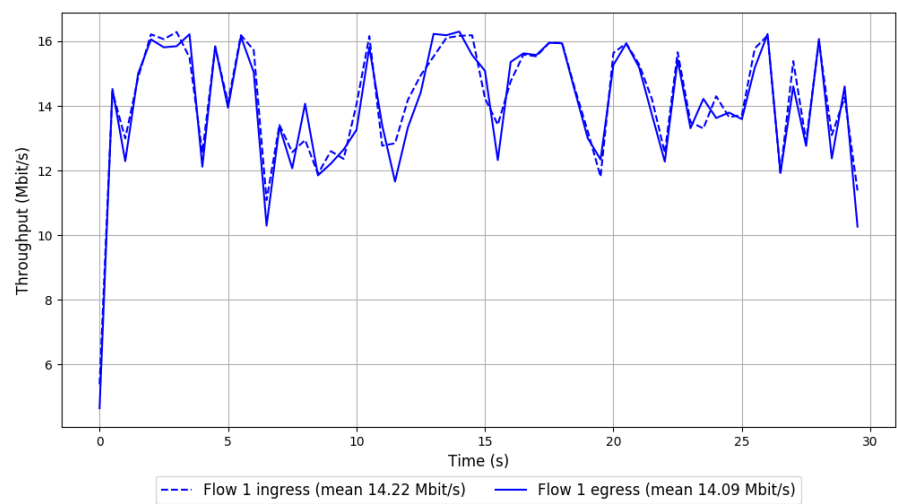
-- Flow 1:

Average throughput: 14.09 Mbit/s

95th percentile per-packet one-way delay: 33.280 ms

Loss rate: 1.10%

Run 1: Report of Sprout — Data Link

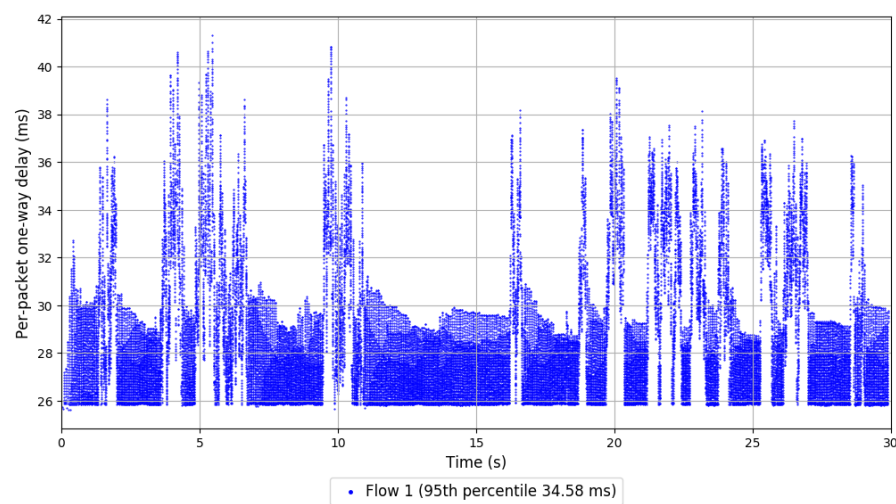
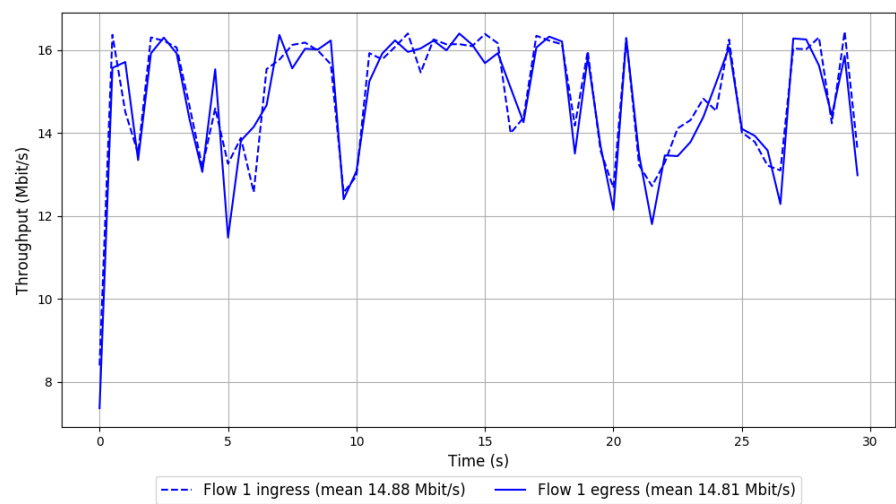


Run 2: Statistics of Sprout

Start at: 2018-02-04 04:41:06
End at: 2018-02-04 04:41:36
Local clock offset: 0.581 ms
Remote clock offset: -0.411 ms

Below is generated by plot.py at 2018-02-04 12:20:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 14.81 Mbit/s
95th percentile per-packet one-way delay: 34.579 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 14.81 Mbit/s
95th percentile per-packet one-way delay: 34.579 ms
Loss rate: 0.67%

Run 2: Report of Sprout — Data Link



Run 3: Statistics of Sprout

Start at: 2018-02-04 05:06:06

End at: 2018-02-04 05:06:36

Local clock offset: 0.548 ms

Remote clock offset: 1.684 ms

Below is generated by plot.py at 2018-02-04 12:20:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 15.13 Mbit/s

95th percentile per-packet one-way delay: 30.008 ms

Loss rate: 0.54%

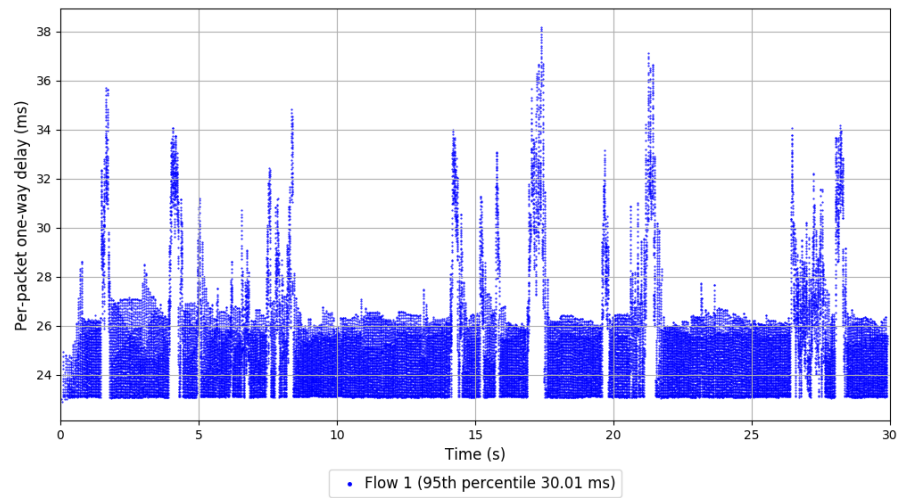
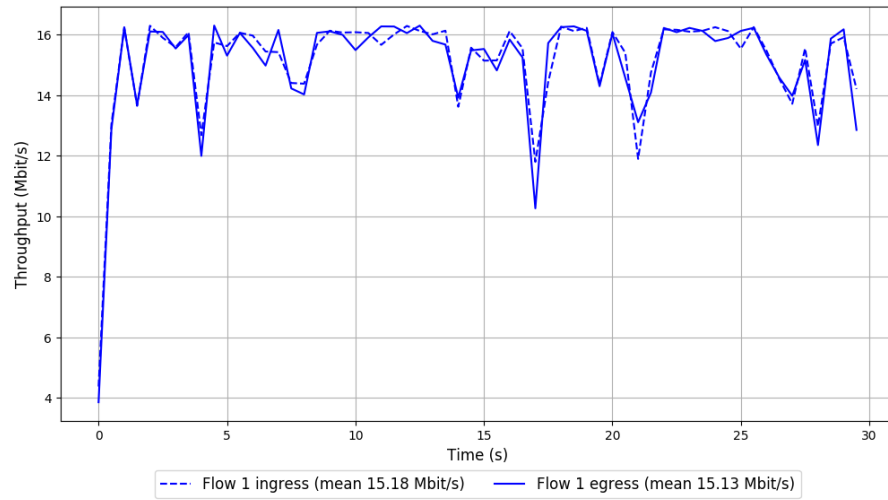
-- Flow 1:

Average throughput: 15.13 Mbit/s

95th percentile per-packet one-way delay: 30.008 ms

Loss rate: 0.54%

Run 3: Report of Sprout — Data Link

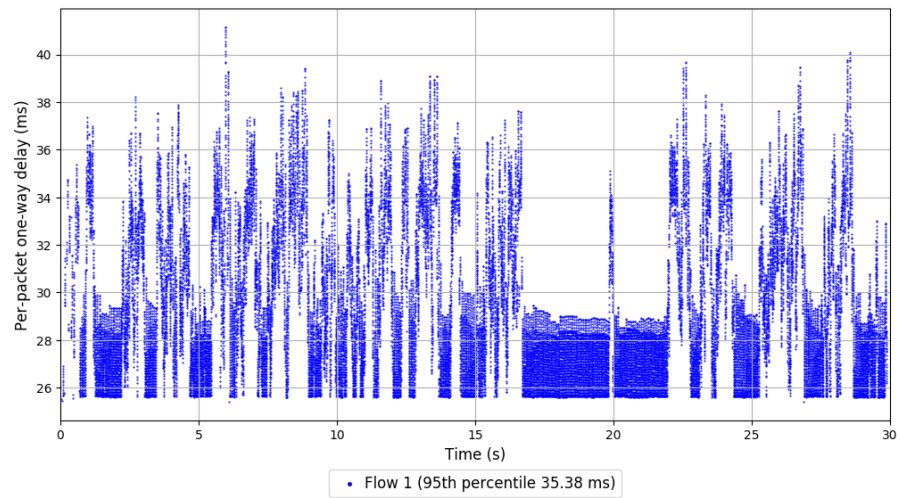
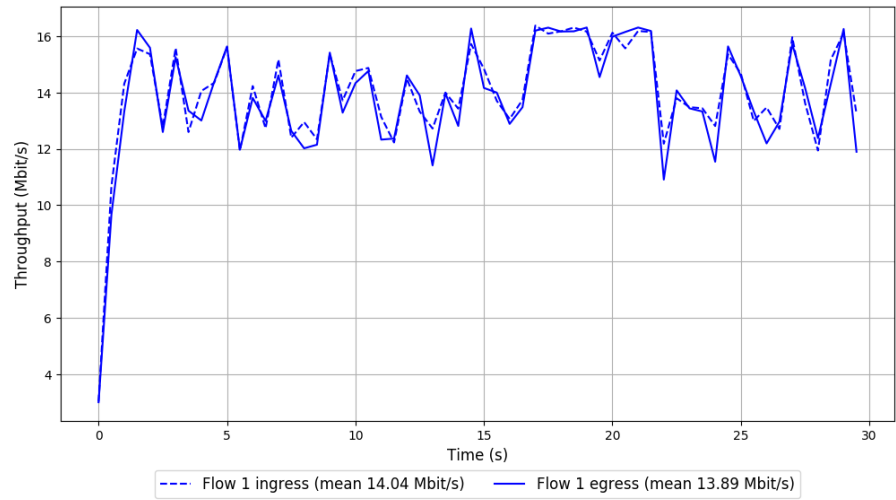


Run 4: Statistics of Sprout

Start at: 2018-02-04 05:31:18
End at: 2018-02-04 05:31:48
Local clock offset: 0.413 ms
Remote clock offset: -1.541 ms

Below is generated by plot.py at 2018-02-04 12:20:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 13.89 Mbit/s
95th percentile per-packet one-way delay: 35.376 ms
Loss rate: 1.28%
-- Flow 1:
Average throughput: 13.89 Mbit/s
95th percentile per-packet one-way delay: 35.376 ms
Loss rate: 1.28%

Run 4: Report of Sprout — Data Link

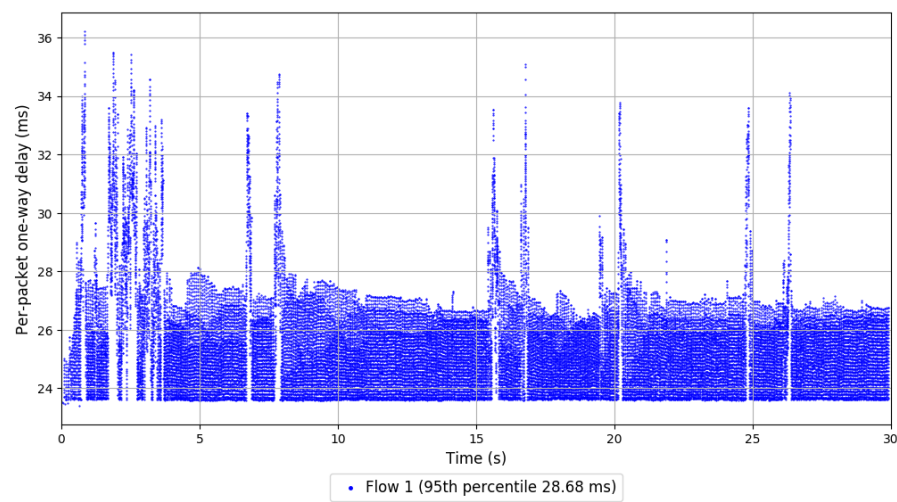
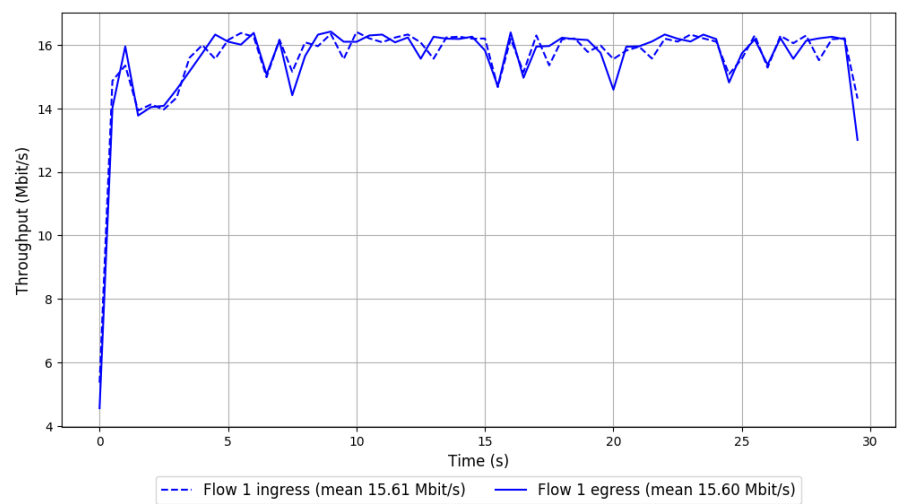


Run 5: Statistics of Sprout

Start at: 2018-02-04 05:56:01
End at: 2018-02-04 05:56:31
Local clock offset: 0.308 ms
Remote clock offset: -0.301 ms

Below is generated by plot.py at 2018-02-04 12:20:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.60 Mbit/s
95th percentile per-packet one-way delay: 28.678 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 15.60 Mbit/s
95th percentile per-packet one-way delay: 28.678 ms
Loss rate: 0.30%

Run 5: Report of Sprout — Data Link

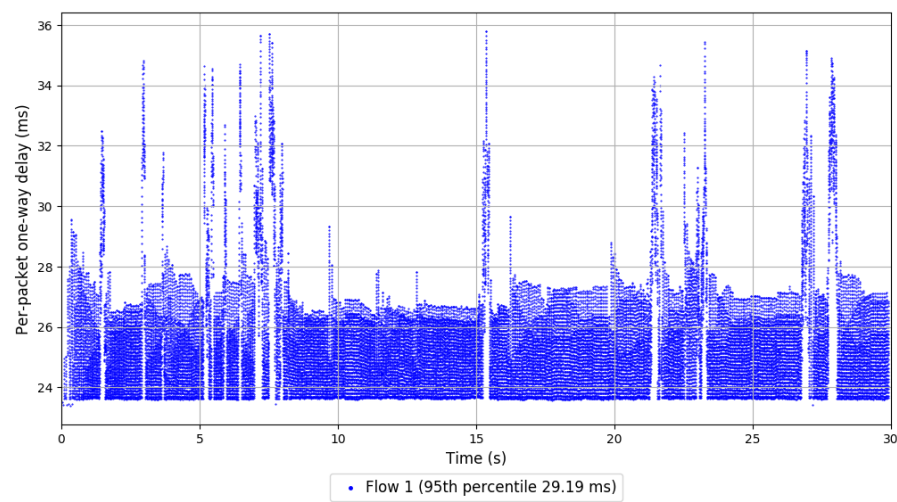
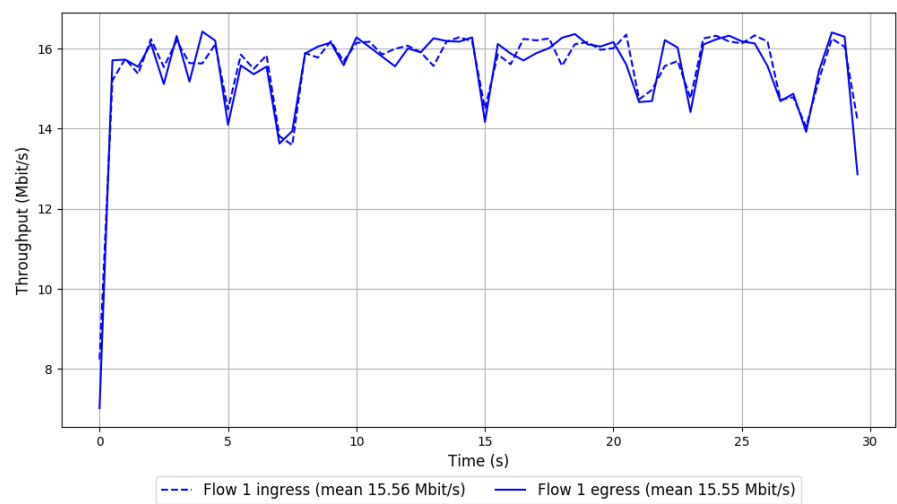


Run 6: Statistics of Sprout

Start at: 2018-02-04 06:20:51
End at: 2018-02-04 06:21:21
Local clock offset: 0.233 ms
Remote clock offset: -0.333 ms

Below is generated by plot.py at 2018-02-04 12:20:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.55 Mbit/s
95th percentile per-packet one-way delay: 29.191 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 15.55 Mbit/s
95th percentile per-packet one-way delay: 29.191 ms
Loss rate: 0.33%

Run 6: Report of Sprout — Data Link



Run 7: Statistics of Sprout

Start at: 2018-02-04 06:45:22

End at: 2018-02-04 06:45:52

Local clock offset: 0.484 ms

Remote clock offset: 0.819 ms

Below is generated by plot.py at 2018-02-04 12:20:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 14.95 Mbit/s

95th percentile per-packet one-way delay: 29.520 ms

Loss rate: 1.21%

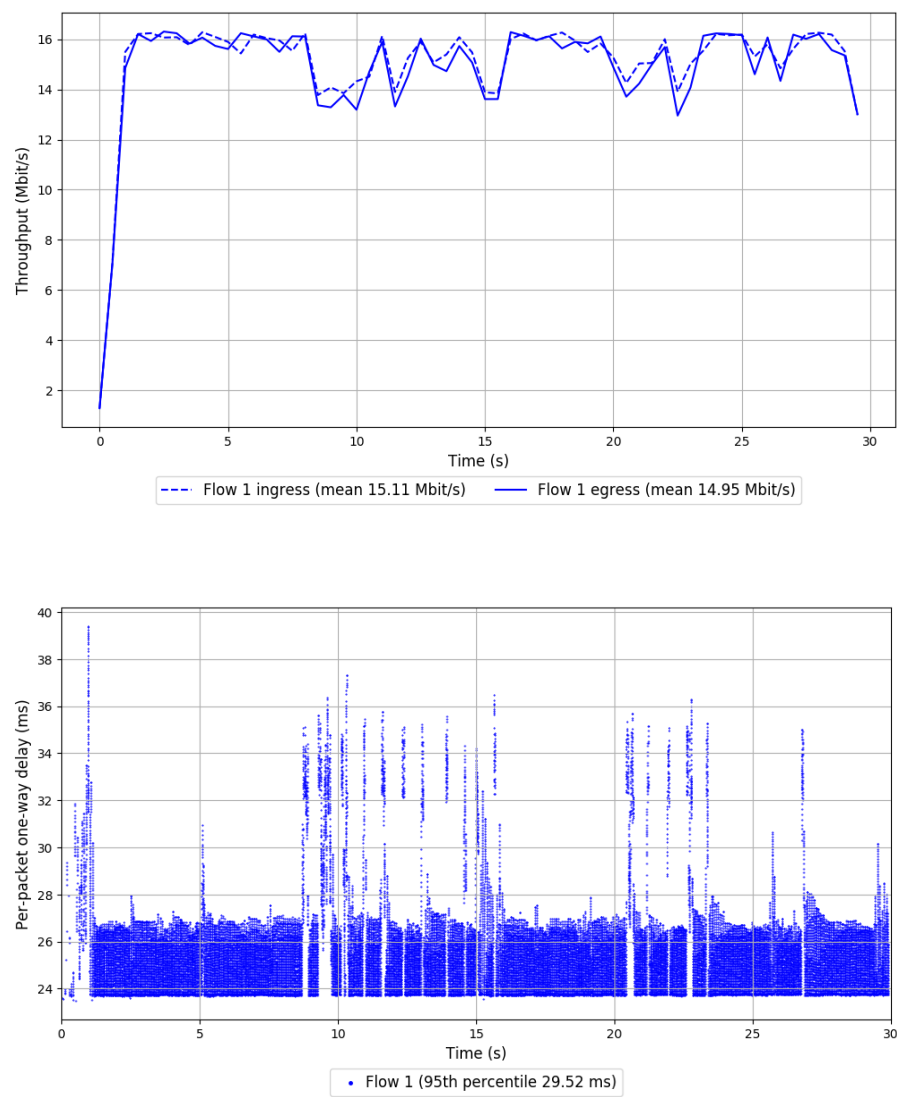
-- Flow 1:

Average throughput: 14.95 Mbit/s

95th percentile per-packet one-way delay: 29.520 ms

Loss rate: 1.21%

Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

Start at: 2018-02-04 07:10:05

End at: 2018-02-04 07:10:36

Local clock offset: 0.69 ms

Remote clock offset: 2.074 ms

Below is generated by plot.py at 2018-02-04 12:20:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 15.61 Mbit/s

95th percentile per-packet one-way delay: 27.070 ms

Loss rate: 0.26%

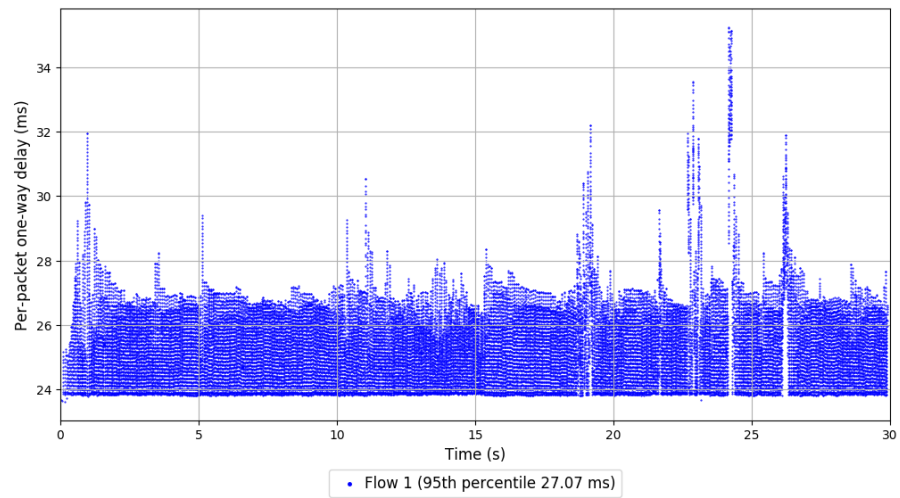
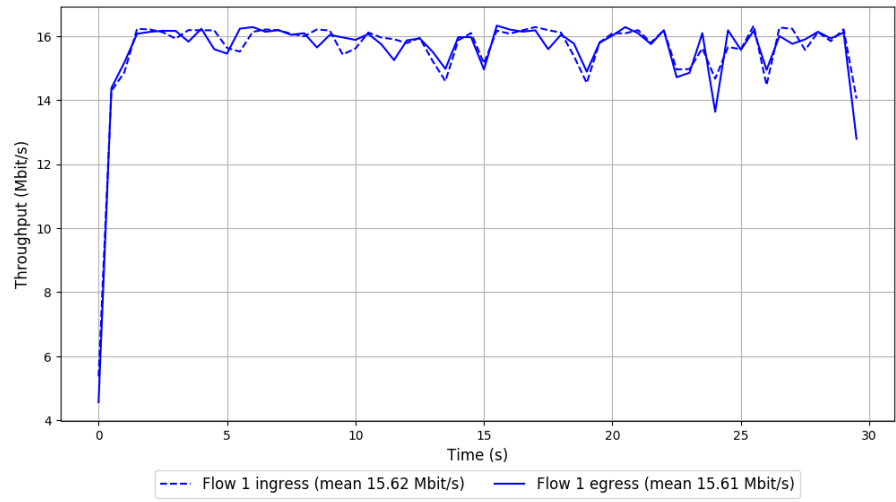
-- Flow 1:

Average throughput: 15.61 Mbit/s

95th percentile per-packet one-way delay: 27.070 ms

Loss rate: 0.26%

Run 8: Report of Sprout — Data Link



Run 9: Statistics of Sprout

Start at: 2018-02-04 07:34:31

End at: 2018-02-04 07:35:01

Local clock offset: 0.815 ms

Remote clock offset: 2.932 ms

Below is generated by plot.py at 2018-02-04 12:20:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 15.53 Mbit/s

95th percentile per-packet one-way delay: 27.375 ms

Loss rate: 0.29%

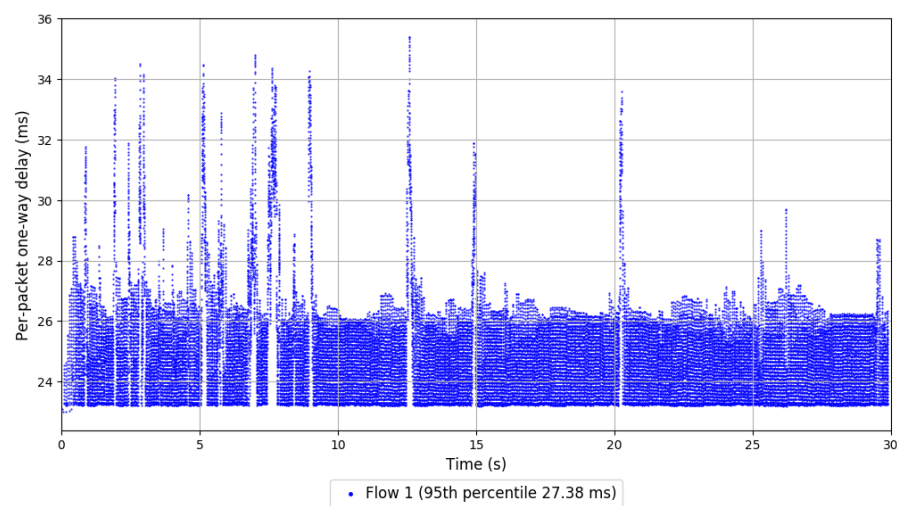
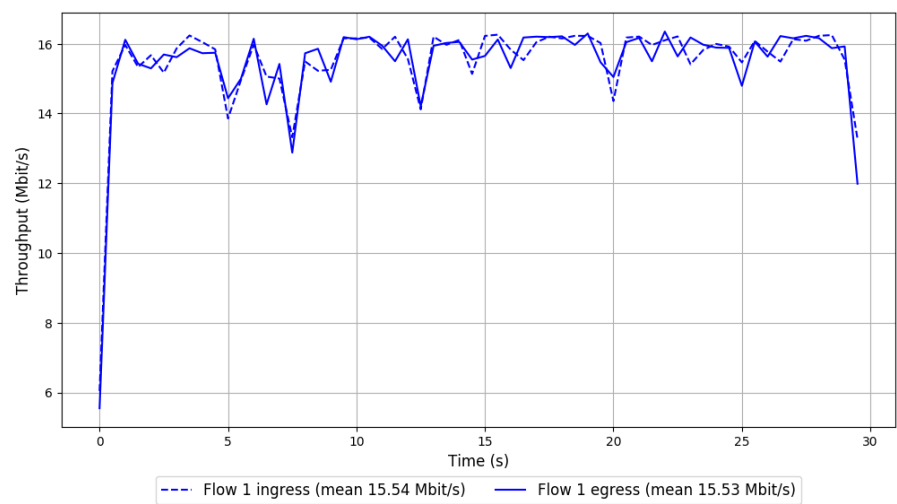
-- Flow 1:

Average throughput: 15.53 Mbit/s

95th percentile per-packet one-way delay: 27.375 ms

Loss rate: 0.29%

Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: 2018-02-04 07:58:49

End at: 2018-02-04 07:59:19

Local clock offset: 0.947 ms

Remote clock offset: 1.759 ms

Below is generated by plot.py at 2018-02-04 12:20:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 15.94 Mbit/s

95th percentile per-packet one-way delay: 26.259 ms

Loss rate: 0.15%

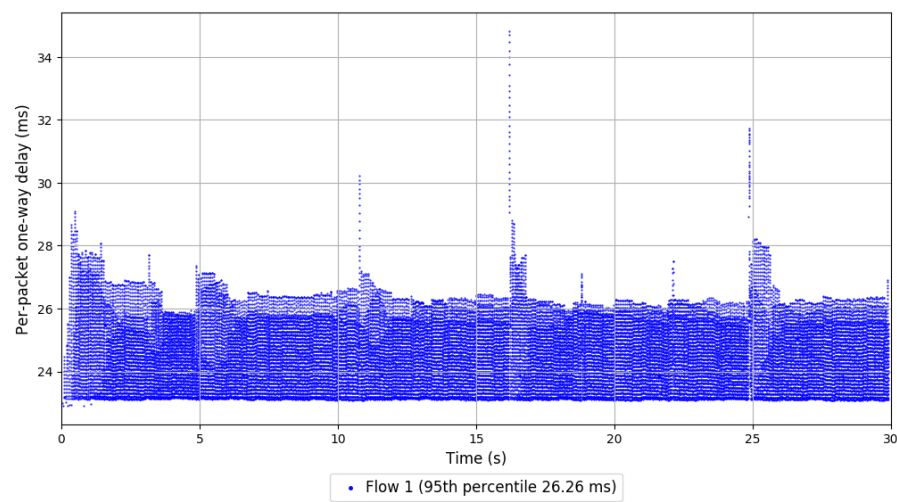
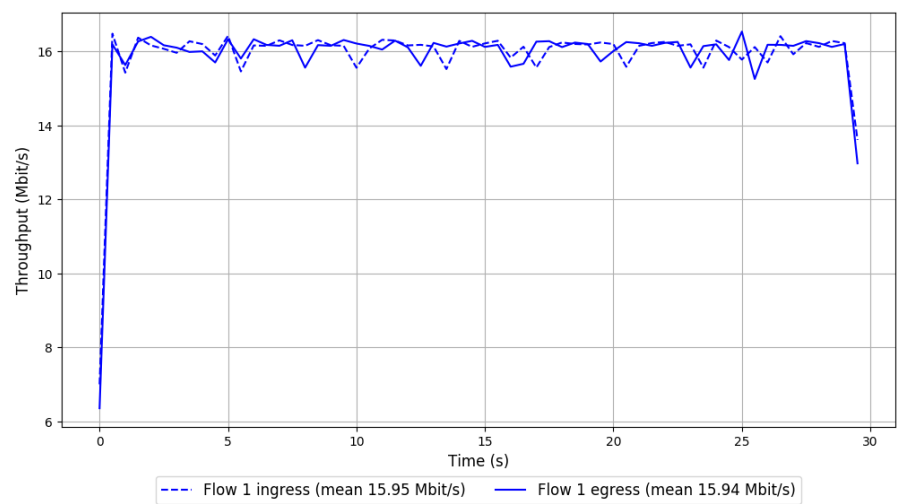
-- Flow 1:

Average throughput: 15.94 Mbit/s

95th percentile per-packet one-way delay: 26.259 ms

Loss rate: 0.15%

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: 2018-02-04 04:21:59

End at: 2018-02-04 04:22:29

Local clock offset: 0.562 ms

Remote clock offset: -0.114 ms

Below is generated by plot.py at 2018-02-04 12:22:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.72 Mbit/s

95th percentile per-packet one-way delay: 35.958 ms

Loss rate: 2.23%

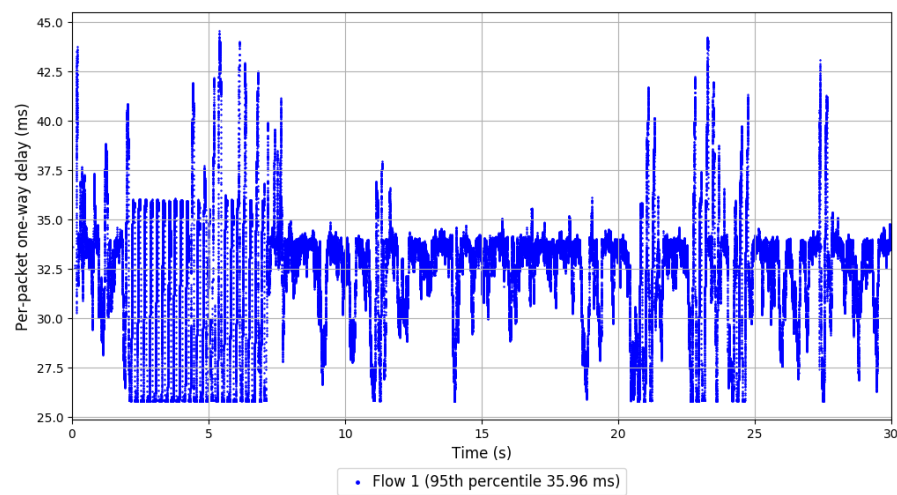
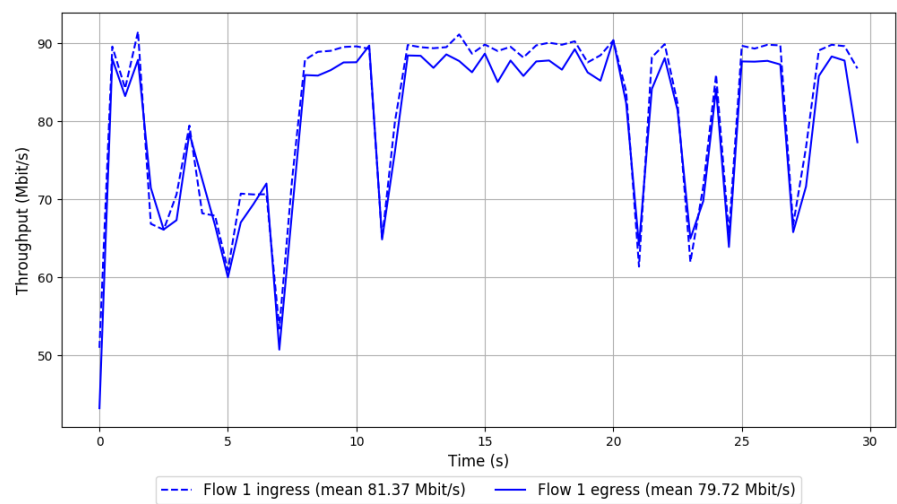
-- Flow 1:

Average throughput: 79.72 Mbit/s

95th percentile per-packet one-way delay: 35.958 ms

Loss rate: 2.23%

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



Run 2: Statistics of TaoVA-100x

Start at: 2018-02-04 04:47:48

End at: 2018-02-04 04:48:18

Local clock offset: 0.595 ms

Remote clock offset: 1.62 ms

Below is generated by plot.py at 2018-02-04 12:22:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.35 Mbit/s

95th percentile per-packet one-way delay: 33.999 ms

Loss rate: 1.46%

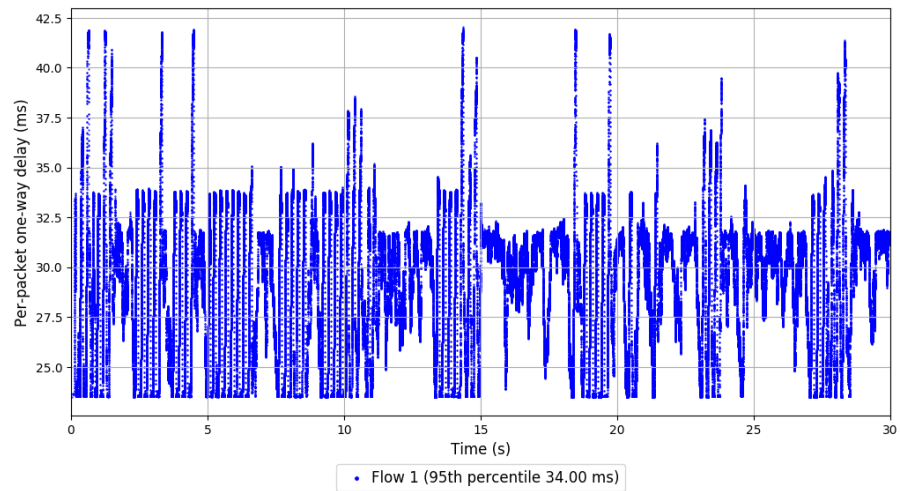
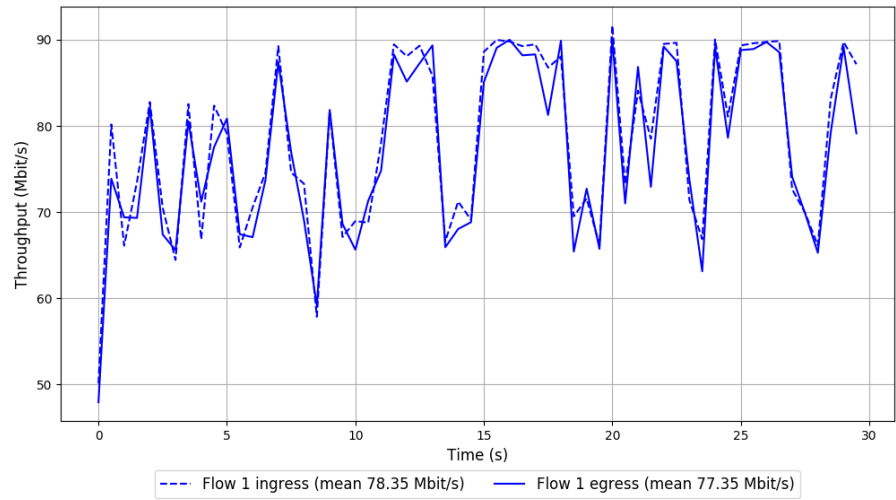
-- Flow 1:

Average throughput: 77.35 Mbit/s

95th percentile per-packet one-way delay: 33.999 ms

Loss rate: 1.46%

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



Run 3: Statistics of TaoVA-100x

Start at: 2018-02-04 05:12:46

End at: 2018-02-04 05:13:16

Local clock offset: 0.565 ms

Remote clock offset: 1.44 ms

Below is generated by plot.py at 2018-02-04 12:22:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.44 Mbit/s

95th percentile per-packet one-way delay: 34.203 ms

Loss rate: 1.29%

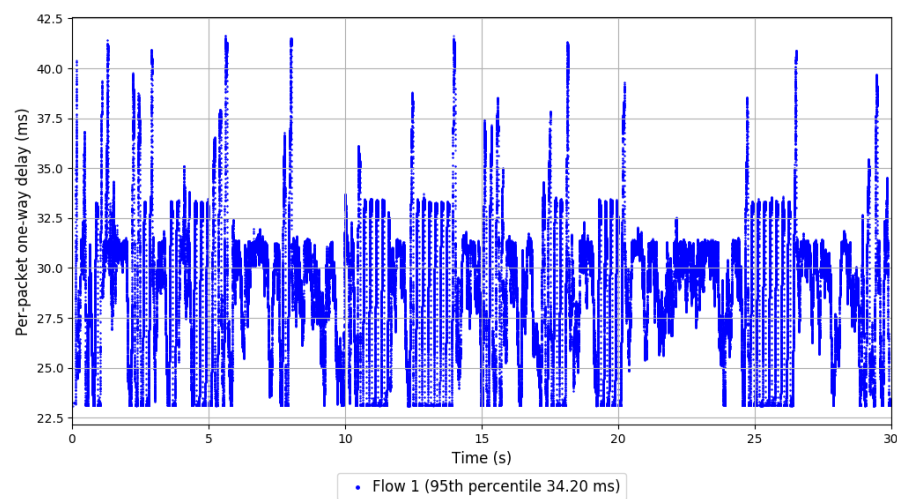
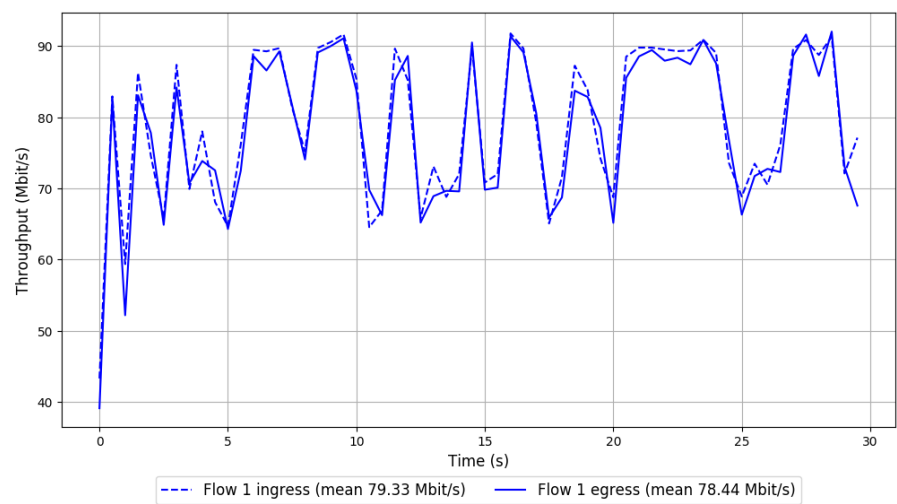
-- Flow 1:

Average throughput: 78.44 Mbit/s

95th percentile per-packet one-way delay: 34.203 ms

Loss rate: 1.29%

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



Run 4: Statistics of TaoVA-100x

Start at: 2018-02-04 05:38:15

End at: 2018-02-04 05:38:45

Local clock offset: 0.458 ms

Remote clock offset: -1.784 ms

Below is generated by plot.py at 2018-02-04 12:22:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.07 Mbit/s

95th percentile per-packet one-way delay: 35.755 ms

Loss rate: 1.32%

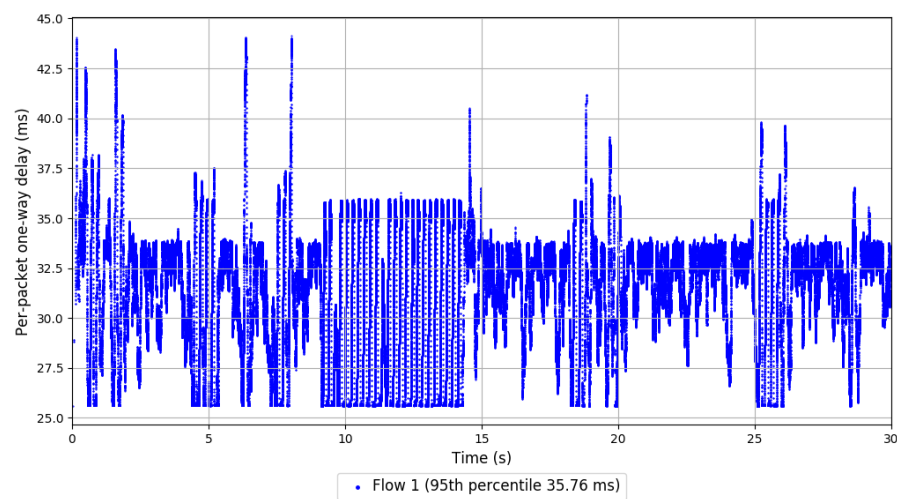
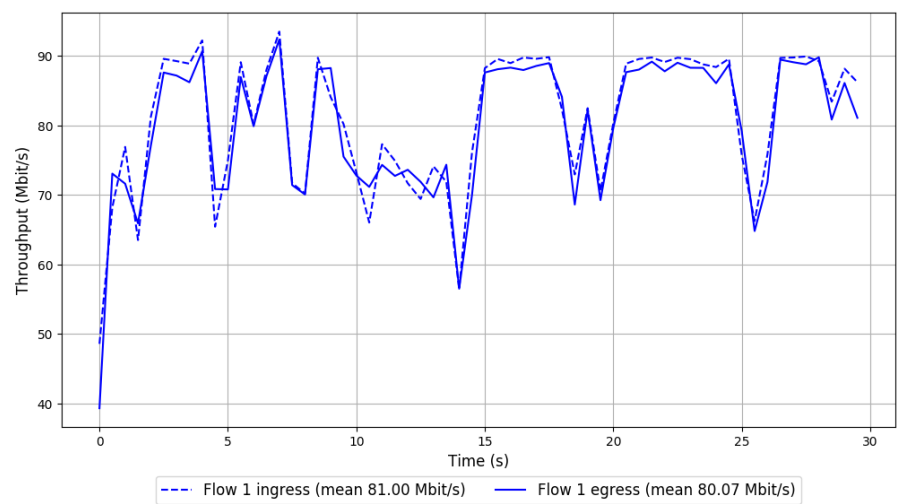
-- Flow 1:

Average throughput: 80.07 Mbit/s

95th percentile per-packet one-way delay: 35.755 ms

Loss rate: 1.32%

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



Run 5: Statistics of TaoVA-100x

Start at: 2018-02-04 06:02:44

End at: 2018-02-04 06:03:14

Local clock offset: 0.321 ms

Remote clock offset: -0.3 ms

Below is generated by plot.py at 2018-02-04 12:22:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.35 Mbit/s

95th percentile per-packet one-way delay: 34.755 ms

Loss rate: 0.61%

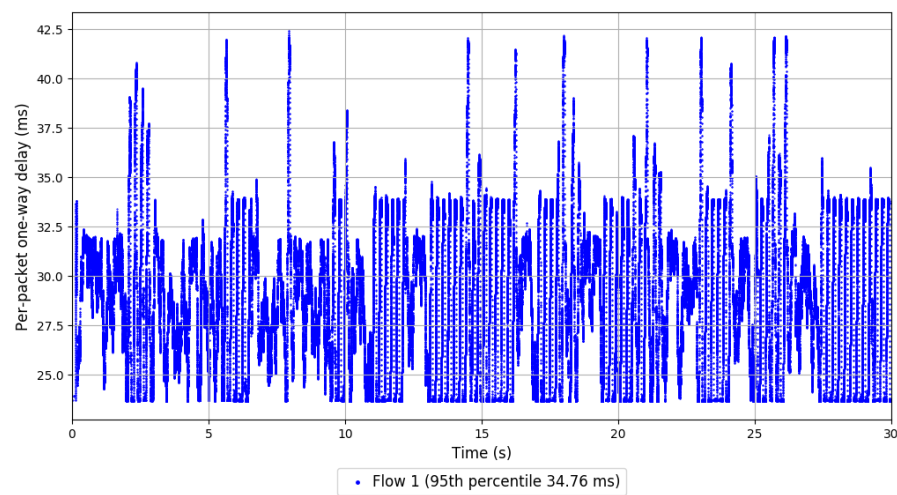
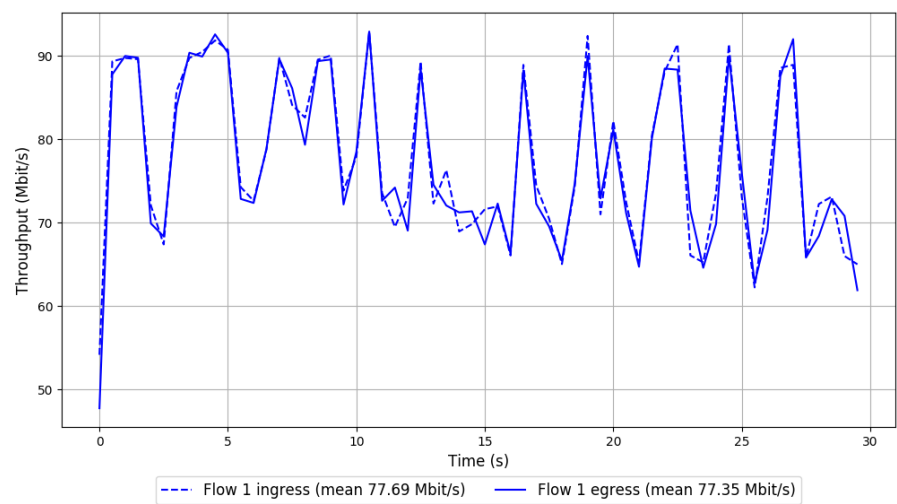
-- Flow 1:

Average throughput: 77.35 Mbit/s

95th percentile per-packet one-way delay: 34.755 ms

Loss rate: 0.61%

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



Run 6: Statistics of TaoVA-100x

Start at: 2018-02-04 06:27:39

End at: 2018-02-04 06:28:09

Local clock offset: 0.36 ms

Remote clock offset: -1.967 ms

Below is generated by plot.py at 2018-02-04 12:22:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 72.75 Mbit/s

95th percentile per-packet one-way delay: 36.201 ms

Loss rate: 0.74%

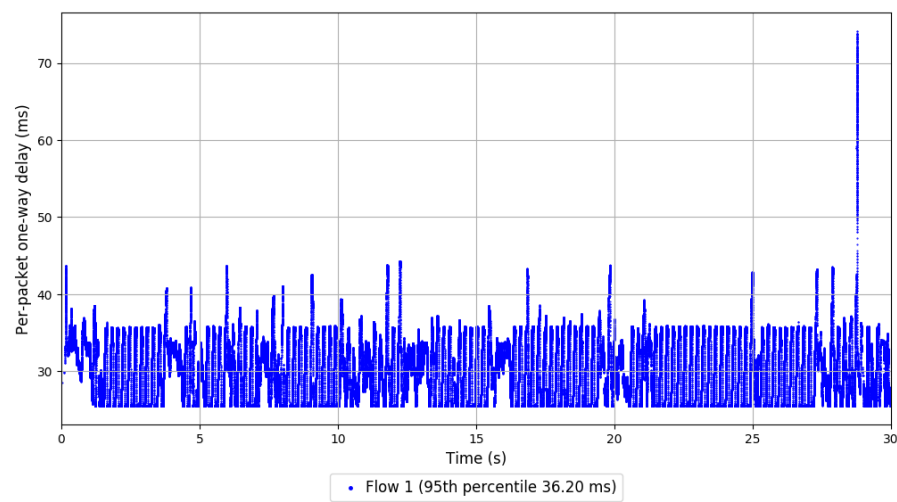
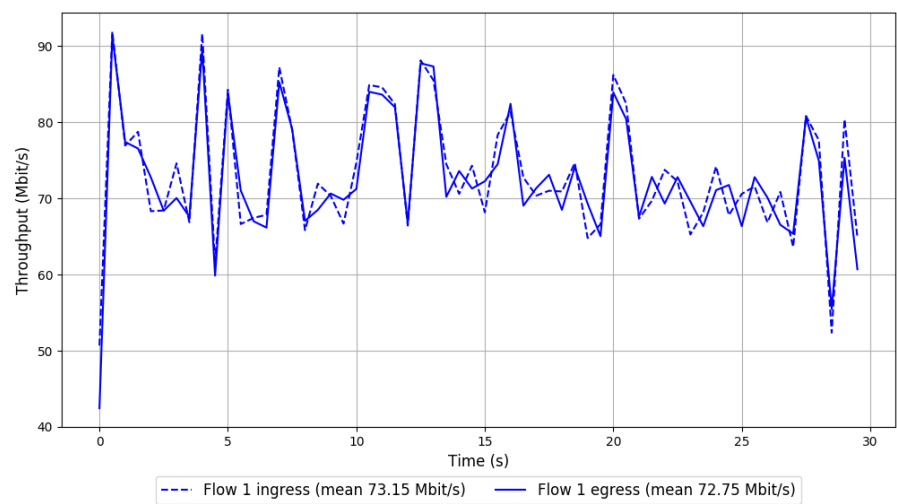
-- Flow 1:

Average throughput: 72.75 Mbit/s

95th percentile per-packet one-way delay: 36.201 ms

Loss rate: 0.74%

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



Run 7: Statistics of TaoVA-100x

Start at: 2018-02-04 06:52:07

End at: 2018-02-04 06:52:37

Local clock offset: 0.513 ms

Remote clock offset: 1.73 ms

Below is generated by plot.py at 2018-02-04 12:22:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.52 Mbit/s

95th percentile per-packet one-way delay: 34.936 ms

Loss rate: 1.24%

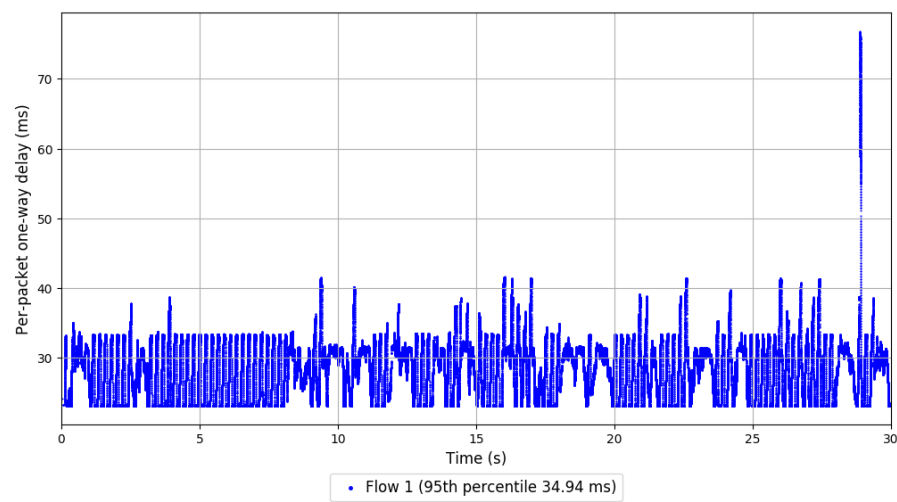
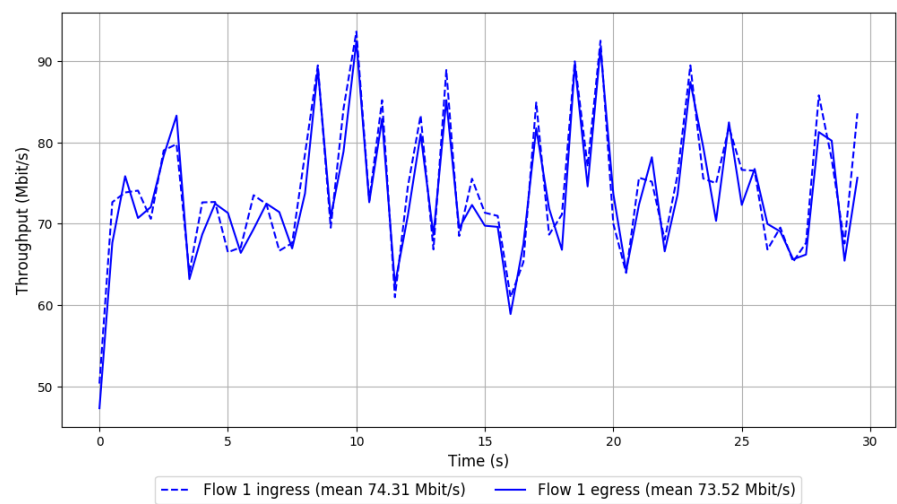
-- Flow 1:

Average throughput: 73.52 Mbit/s

95th percentile per-packet one-way delay: 34.936 ms

Loss rate: 1.24%

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



Run 8: Statistics of TaoVA-100x

Start at: 2018-02-04 07:16:47

End at: 2018-02-04 07:17:17

Local clock offset: 0.73 ms

Remote clock offset: 2.229 ms

Below is generated by plot.py at 2018-02-04 12:22:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.27 Mbit/s

95th percentile per-packet one-way delay: 34.782 ms

Loss rate: 0.65%

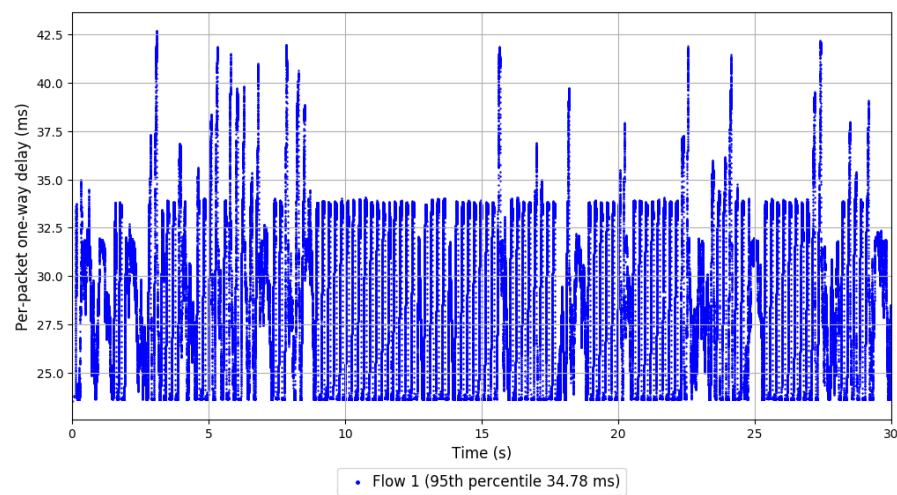
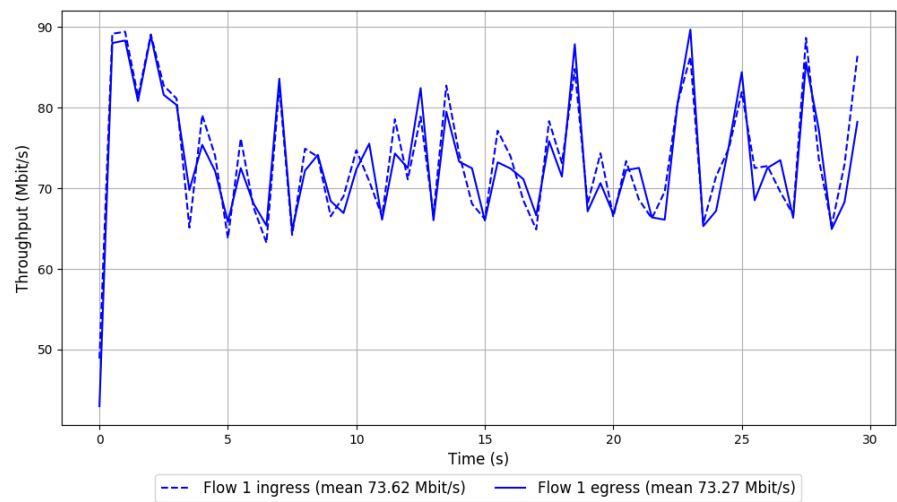
-- Flow 1:

Average throughput: 73.27 Mbit/s

95th percentile per-packet one-way delay: 34.782 ms

Loss rate: 0.65%

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



Run 9: Statistics of TaoVA-100x

Start at: 2018-02-04 07:41:07

End at: 2018-02-04 07:41:37

Local clock offset: 0.866 ms

Remote clock offset: 2.303 ms

Below is generated by plot.py at 2018-02-04 12:24:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 71.18 Mbit/s

95th percentile per-packet one-way delay: 33.805 ms

Loss rate: 0.47%

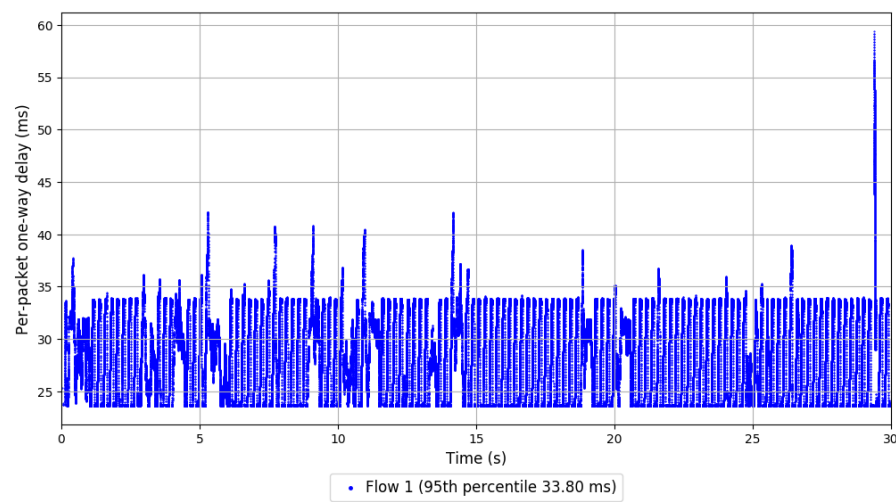
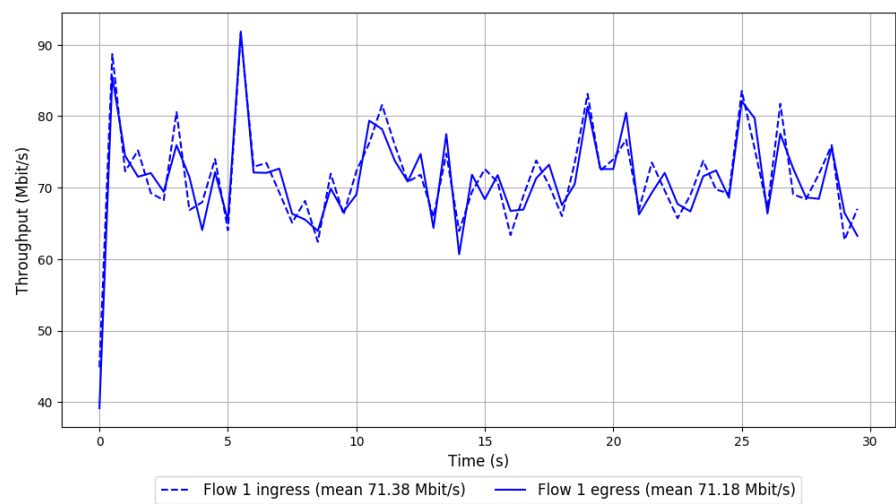
-- Flow 1:

Average throughput: 71.18 Mbit/s

95th percentile per-packet one-way delay: 33.805 ms

Loss rate: 0.47%

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



Run 10: Statistics of TaoVA-100x

Start at: 2018-02-04 08:05:26

End at: 2018-02-04 08:05:56

Local clock offset: 1.035 ms

Remote clock offset: 0.914 ms

Below is generated by plot.py at 2018-02-04 12:24:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 70.11 Mbit/s

95th percentile per-packet one-way delay: 33.709 ms

Loss rate: 0.31%

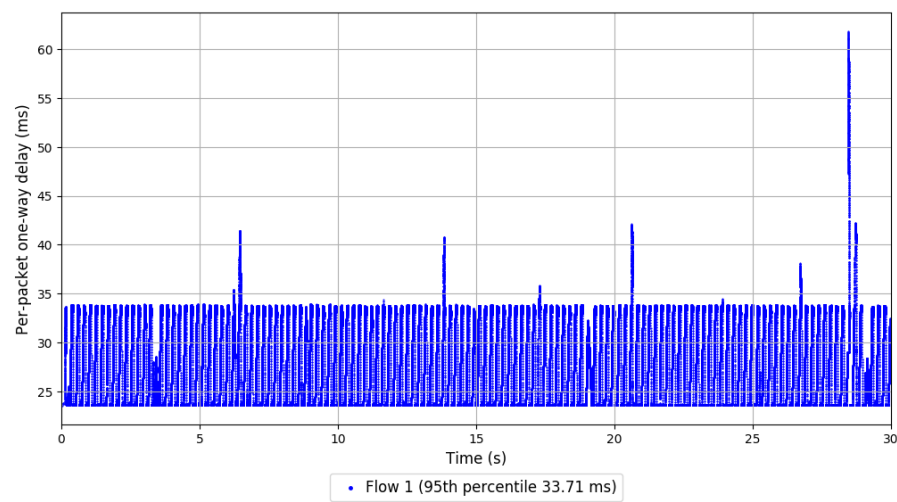
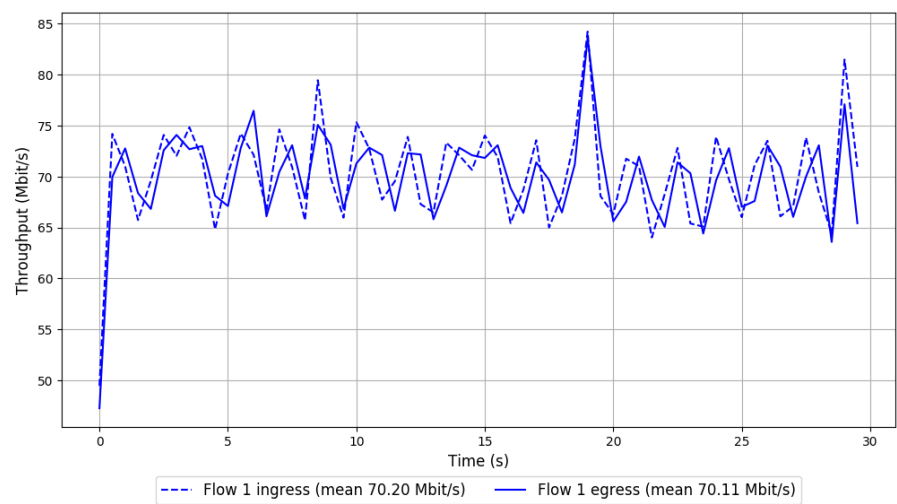
-- Flow 1:

Average throughput: 70.11 Mbit/s

95th percentile per-packet one-way delay: 33.709 ms

Loss rate: 0.31%

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



Run 1: Statistics of TCP Vegas

Start at: 2018-02-04 04:28:35

End at: 2018-02-04 04:29:05

Local clock offset: 0.541 ms

Remote clock offset: 2.214 ms

Below is generated by plot.py at 2018-02-04 12:24:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.29 Mbit/s

95th percentile per-packet one-way delay: 31.701 ms

Loss rate: 1.41%

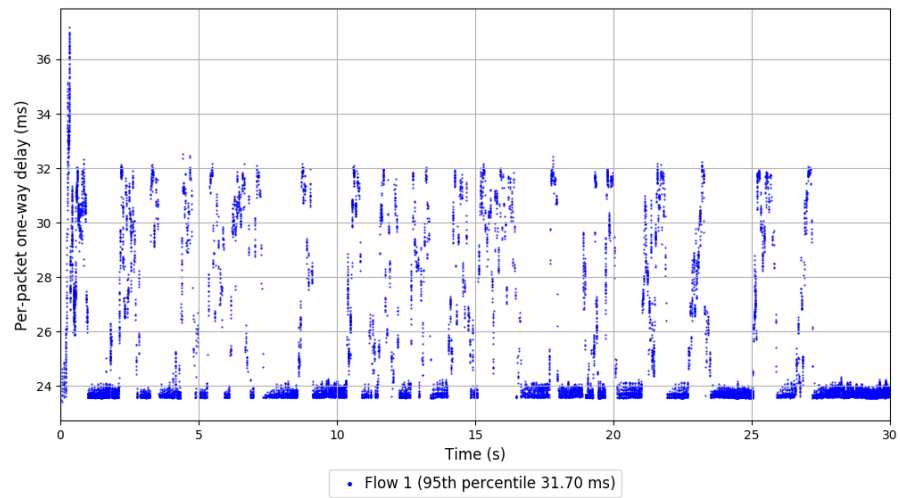
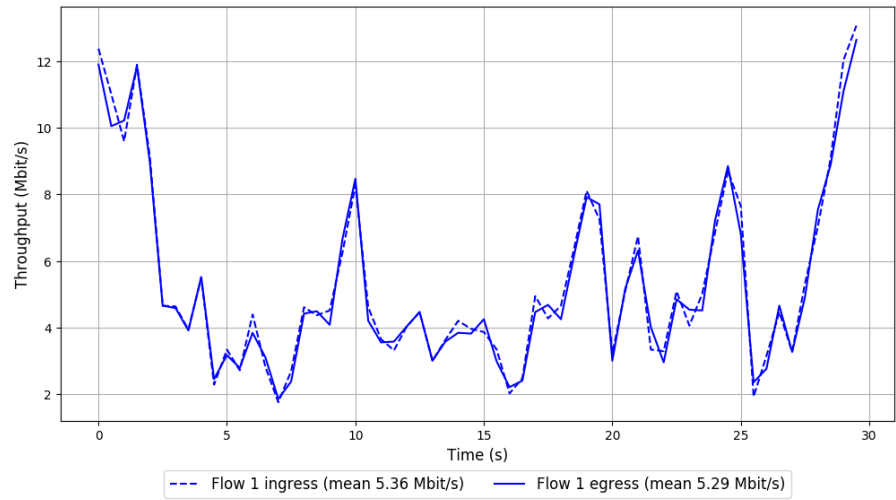
-- Flow 1:

Average throughput: 5.29 Mbit/s

95th percentile per-packet one-way delay: 31.701 ms

Loss rate: 1.41%

Run 1: Report of TCP Vegas — Data Link

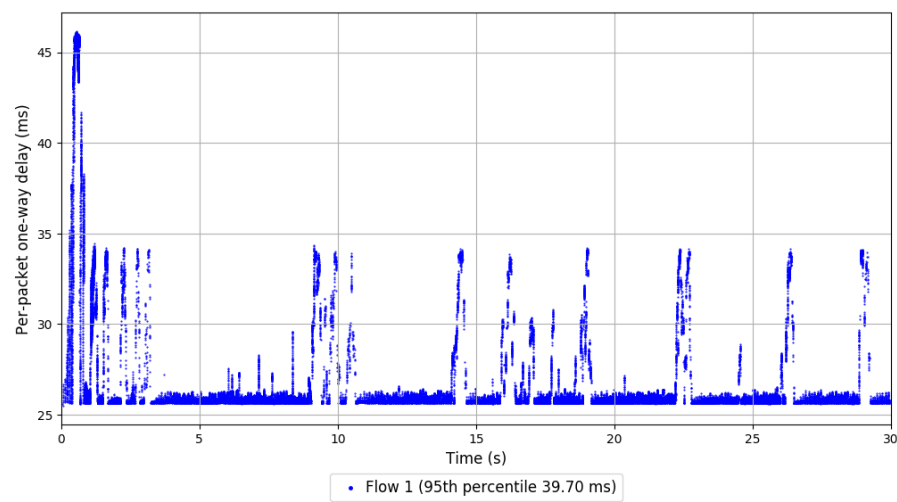
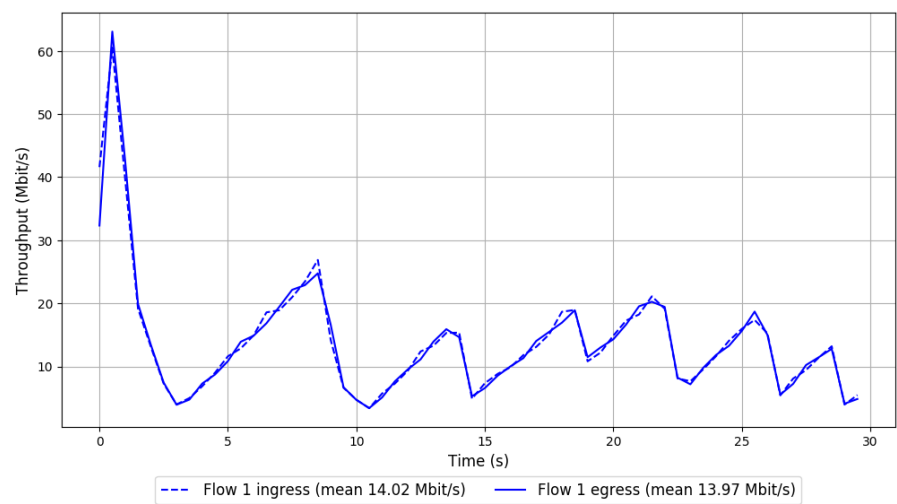


Run 2: Statistics of TCP Vegas

Start at: 2018-02-04 04:54:06
End at: 2018-02-04 04:54:36
Local clock offset: 0.515 ms
Remote clock offset: -0.668 ms

Below is generated by plot.py at 2018-02-04 12:24:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 13.97 Mbit/s
95th percentile per-packet one-way delay: 39.703 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 13.97 Mbit/s
95th percentile per-packet one-way delay: 39.703 ms
Loss rate: 0.55%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: 2018-02-04 05:18:49

End at: 2018-02-04 05:19:19

Local clock offset: 0.56 ms

Remote clock offset: 0.946 ms

Below is generated by plot.py at 2018-02-04 12:24:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 14.28 Mbit/s

95th percentile per-packet one-way delay: 41.935 ms

Loss rate: 0.87%

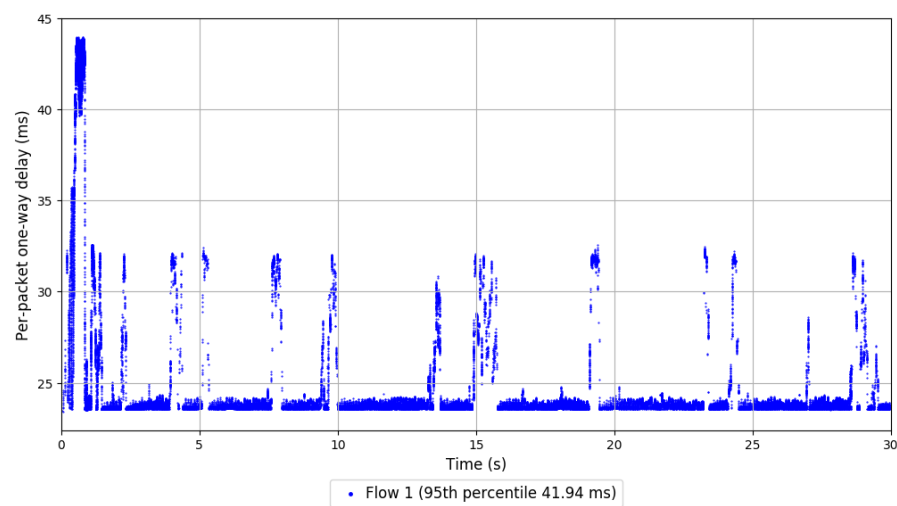
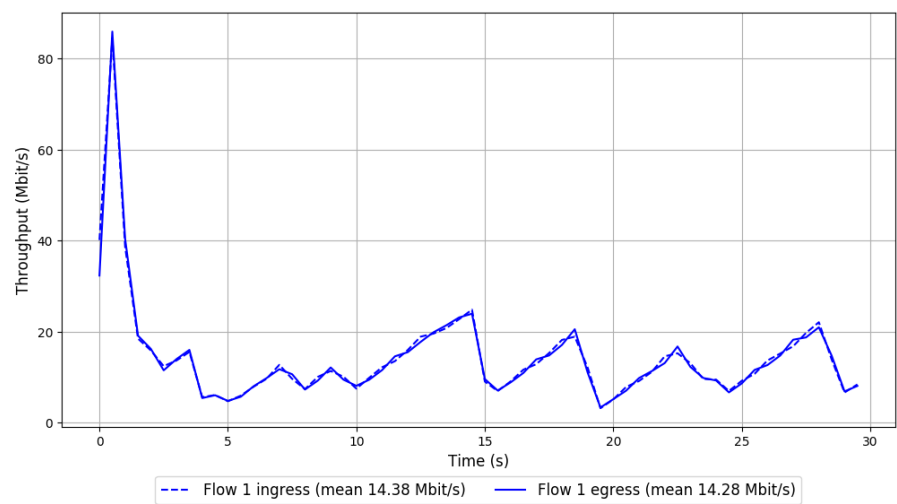
-- Flow 1:

Average throughput: 14.28 Mbit/s

95th percentile per-packet one-way delay: 41.935 ms

Loss rate: 0.87%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: 2018-02-04 05:44:05

End at: 2018-02-04 05:44:35

Local clock offset: 0.496 ms

Remote clock offset: 0.392 ms

Below is generated by plot.py at 2018-02-04 12:24:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 21.94 Mbit/s

95th percentile per-packet one-way delay: 35.442 ms

Loss rate: 0.30%

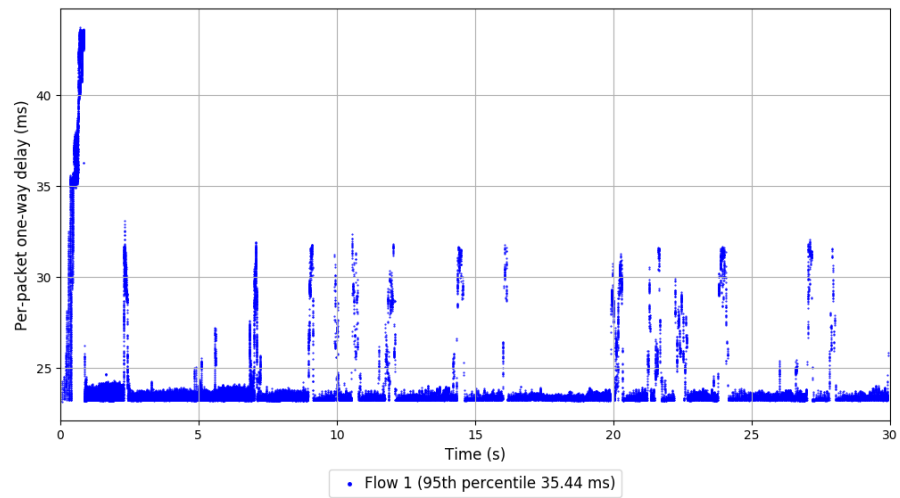
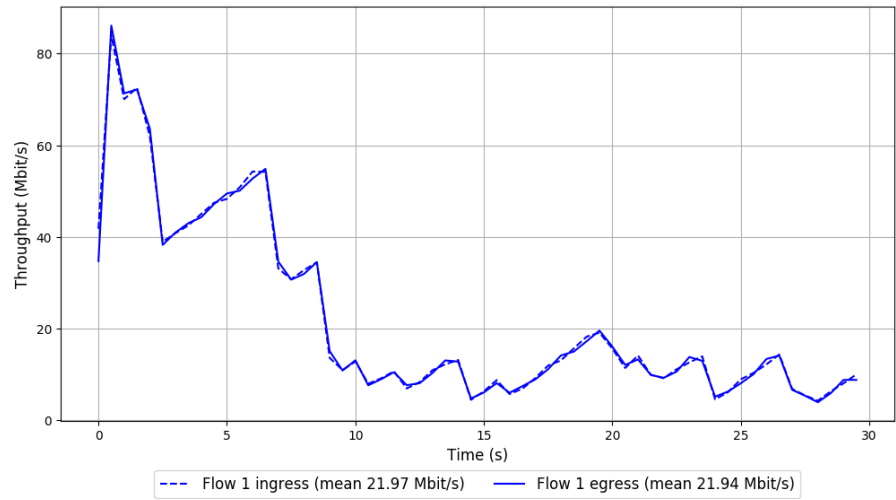
-- Flow 1:

Average throughput: 21.94 Mbit/s

95th percentile per-packet one-way delay: 35.442 ms

Loss rate: 0.30%

Run 4: Report of TCP Vegas — Data Link

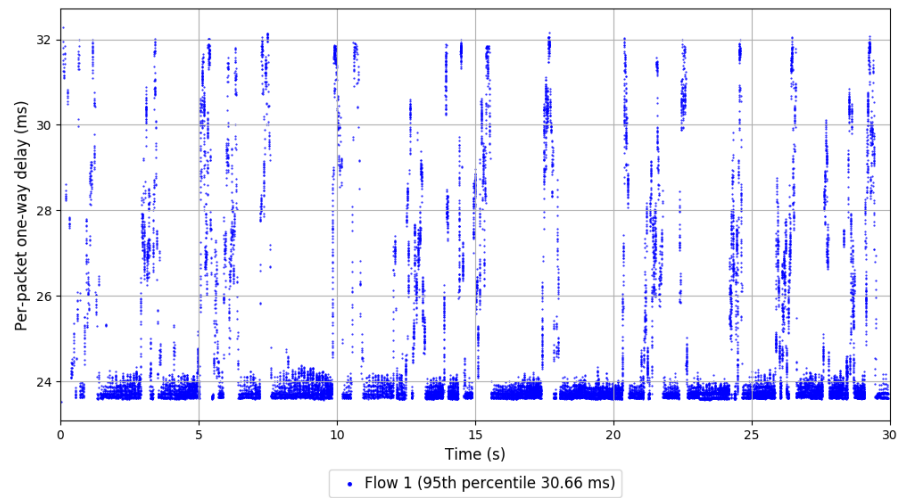
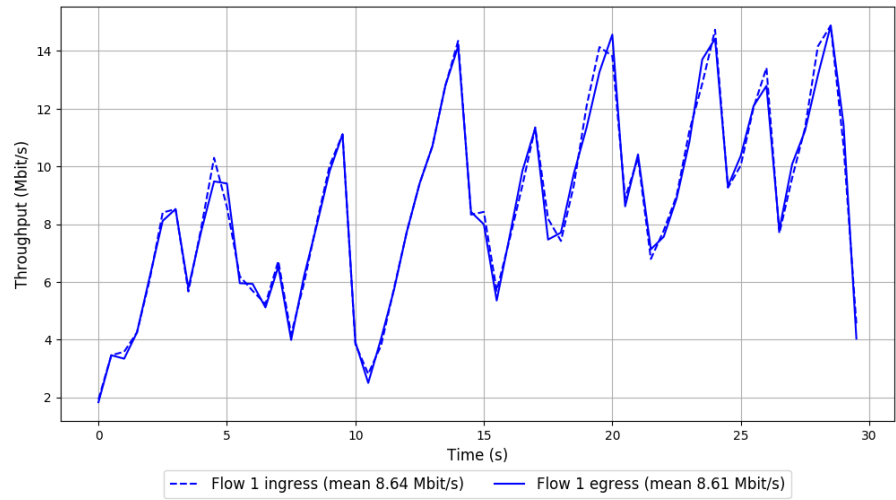


Run 5: Statistics of TCP Vegas

Start at: 2018-02-04 06:08:46
End at: 2018-02-04 06:09:16
Local clock offset: 0.156 ms
Remote clock offset: -0.427 ms

Below is generated by plot.py at 2018-02-04 12:24:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 8.61 Mbit/s
95th percentile per-packet one-way delay: 30.656 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 8.61 Mbit/s
95th percentile per-packet one-way delay: 30.656 ms
Loss rate: 0.53%

Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: 2018-02-04 06:33:23

End at: 2018-02-04 06:33:53

Local clock offset: 0.429 ms

Remote clock offset: 0.244 ms

Below is generated by plot.py at 2018-02-04 12:24:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 26.70 Mbit/s

95th percentile per-packet one-way delay: 28.817 ms

Loss rate: 0.42%

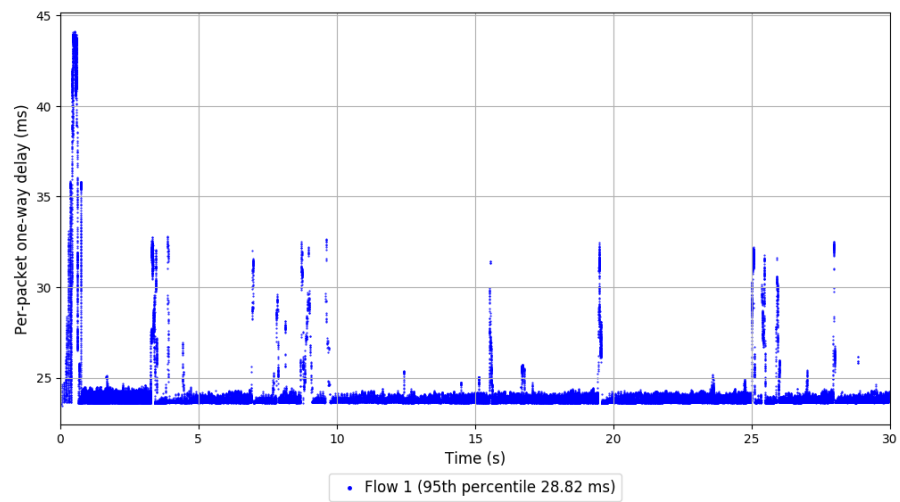
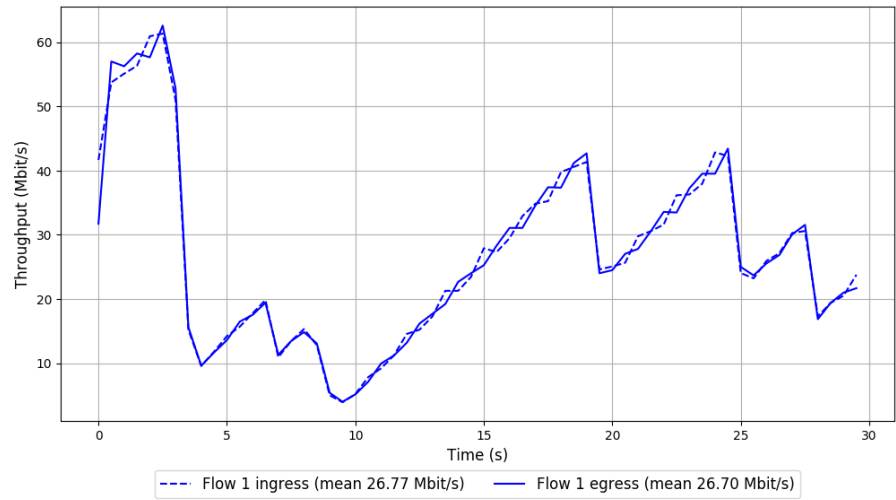
-- Flow 1:

Average throughput: 26.70 Mbit/s

95th percentile per-packet one-way delay: 28.817 ms

Loss rate: 0.42%

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: 2018-02-04 06:57:57

End at: 2018-02-04 06:58:27

Local clock offset: 0.501 ms

Remote clock offset: 1.494 ms

Below is generated by plot.py at 2018-02-04 12:24:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 17.43 Mbit/s

95th percentile per-packet one-way delay: 32.243 ms

Loss rate: 0.64%

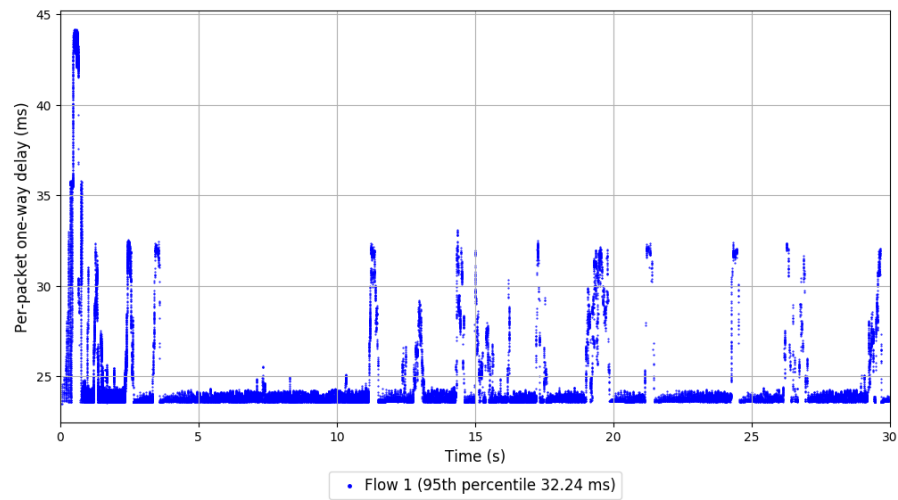
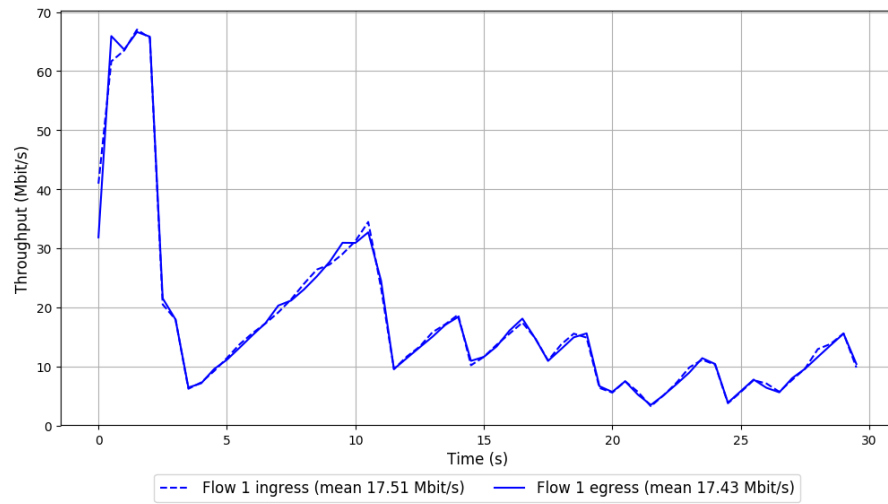
-- Flow 1:

Average throughput: 17.43 Mbit/s

95th percentile per-packet one-way delay: 32.243 ms

Loss rate: 0.64%

Run 7: Report of TCP Vegas — Data Link



Run 8: Statistics of TCP Vegas

Start at: 2018-02-04 07:22:33

End at: 2018-02-04 07:23:03

Local clock offset: 0.765 ms

Remote clock offset: 2.385 ms

Below is generated by plot.py at 2018-02-04 12:24:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 23.08 Mbit/s

95th percentile per-packet one-way delay: 35.602 ms

Loss rate: 0.32%

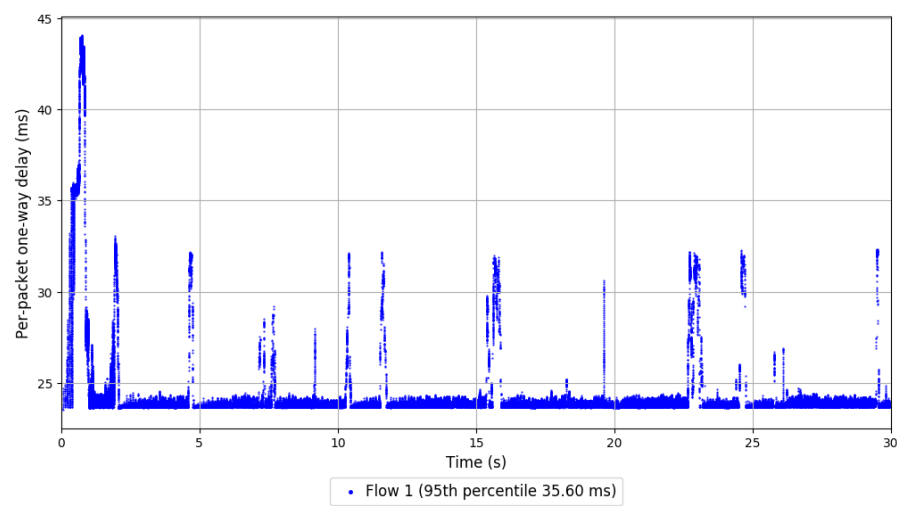
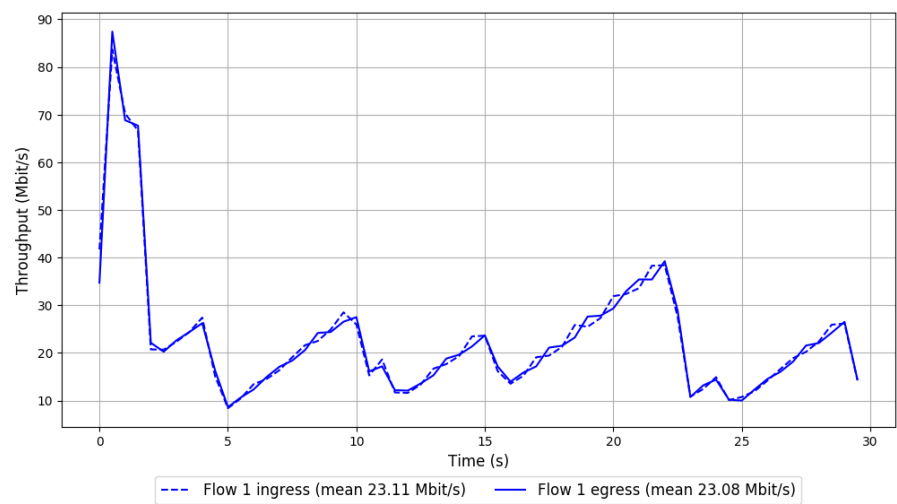
-- Flow 1:

Average throughput: 23.08 Mbit/s

95th percentile per-packet one-way delay: 35.602 ms

Loss rate: 0.32%

Run 8: Report of TCP Vegas — Data Link



Run 9: Statistics of TCP Vegas

Start at: 2018-02-04 07:46:37

End at: 2018-02-04 07:47:07

Local clock offset: 0.905 ms

Remote clock offset: 0.257 ms

Below is generated by plot.py at 2018-02-04 12:24:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 37.50 Mbit/s

95th percentile per-packet one-way delay: 32.896 ms

Loss rate: 0.28%

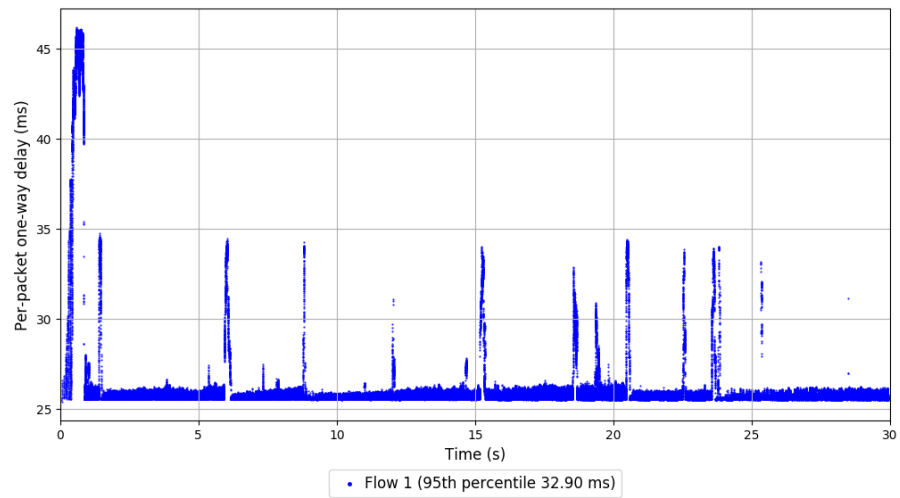
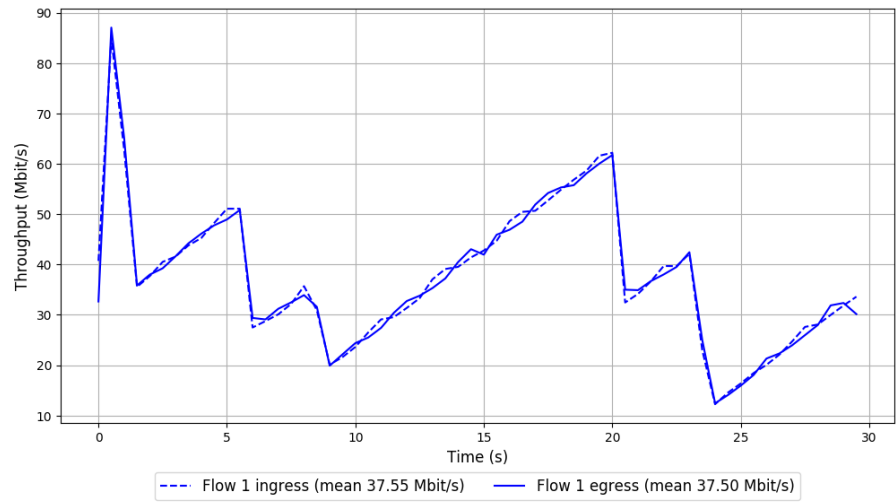
-- Flow 1:

Average throughput: 37.50 Mbit/s

95th percentile per-packet one-way delay: 32.896 ms

Loss rate: 0.28%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: 2018-02-04 08:11:07

End at: 2018-02-04 08:11:37

Local clock offset: 1.053 ms

Remote clock offset: -1.276 ms

Below is generated by plot.py at 2018-02-04 12:24:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 29.14 Mbit/s

95th percentile per-packet one-way delay: 37.515 ms

Loss rate: 0.49%

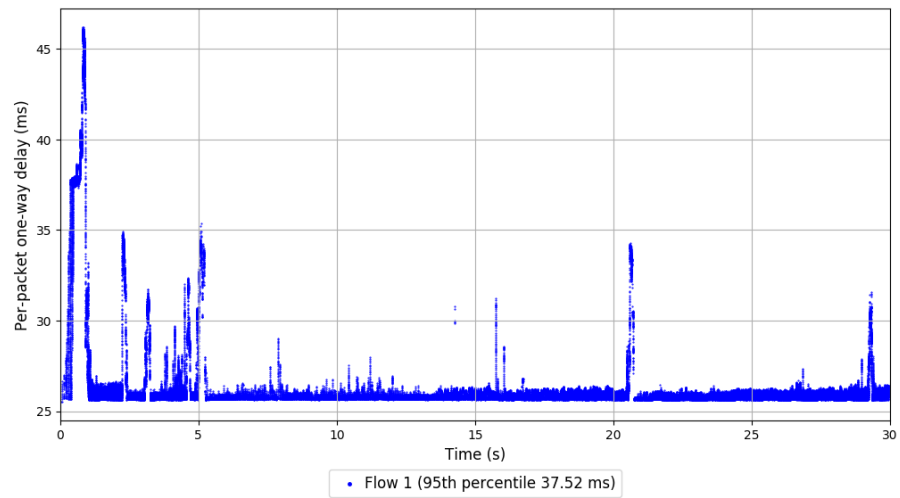
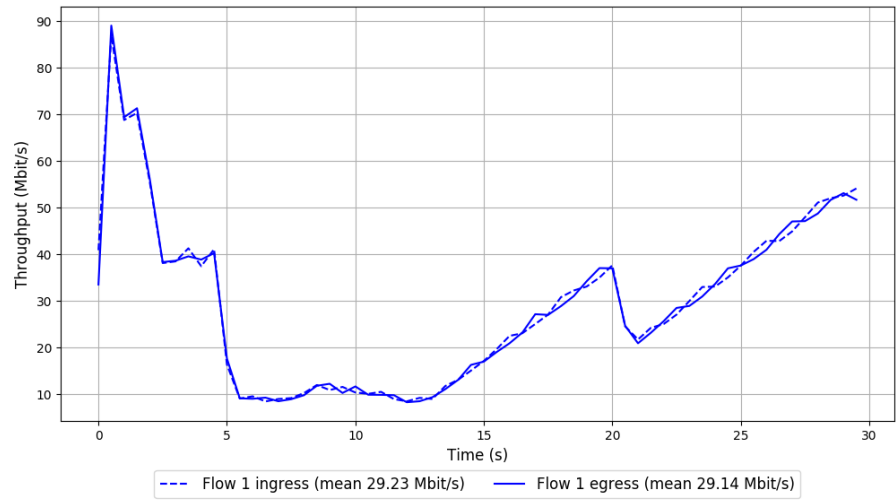
-- Flow 1:

Average throughput: 29.14 Mbit/s

95th percentile per-packet one-way delay: 37.515 ms

Loss rate: 0.49%

Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: 2018-02-04 04:25:06

End at: 2018-02-04 04:25:36

Local clock offset: 0.571 ms

Remote clock offset: 2.588 ms

Below is generated by plot.py at 2018-02-04 12:24:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.36 Mbit/s

95th percentile per-packet one-way delay: 43.349 ms

Loss rate: 2.04%

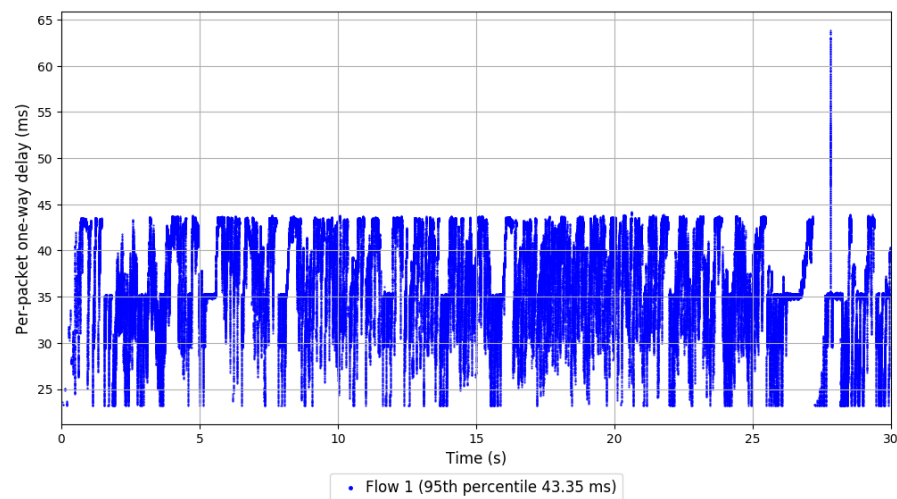
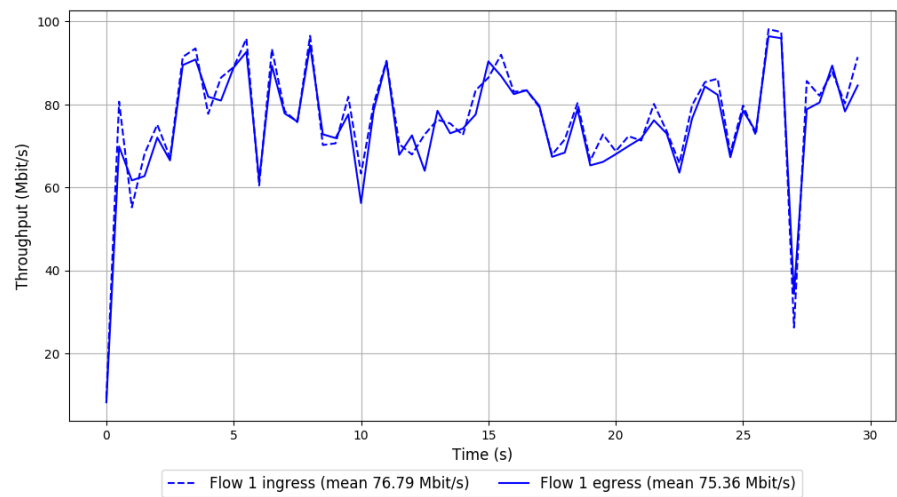
-- Flow 1:

Average throughput: 75.36 Mbit/s

95th percentile per-packet one-way delay: 43.349 ms

Loss rate: 2.04%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: 2018-02-04 04:50:52

End at: 2018-02-04 04:51:22

Local clock offset: 0.527 ms

Remote clock offset: 1.613 ms

Below is generated by plot.py at 2018-02-04 12:24:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.01 Mbit/s

95th percentile per-packet one-way delay: 43.482 ms

Loss rate: 1.19%

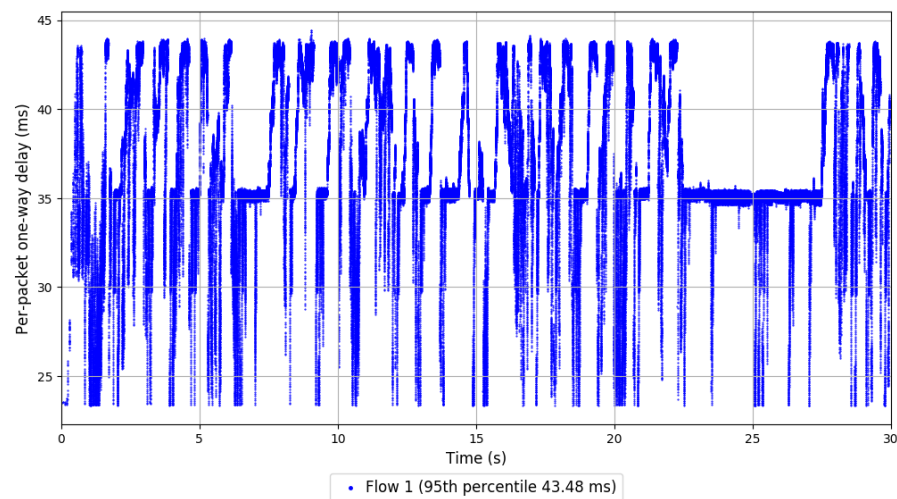
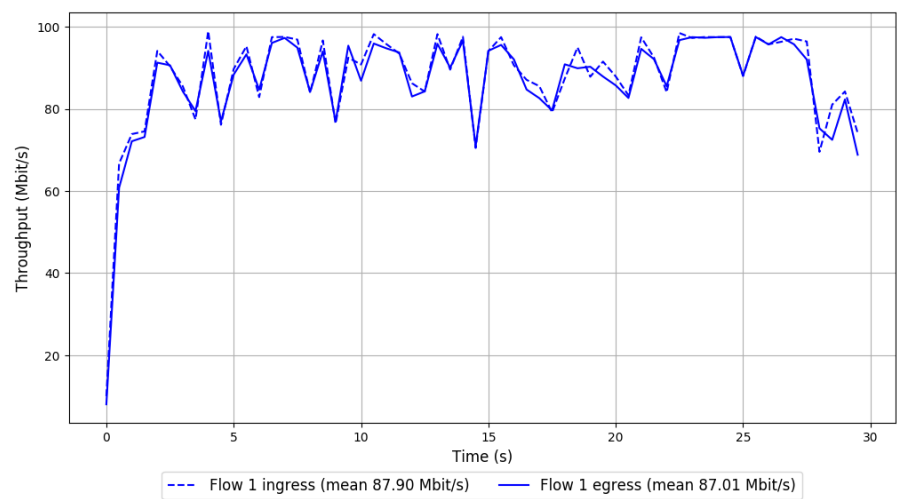
-- Flow 1:

Average throughput: 87.01 Mbit/s

95th percentile per-packet one-way delay: 43.482 ms

Loss rate: 1.19%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: 2018-02-04 05:15:48

End at: 2018-02-04 05:16:18

Local clock offset: 0.591 ms

Remote clock offset: 0.991 ms

Below is generated by plot.py at 2018-02-04 12:24:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.60 Mbit/s

95th percentile per-packet one-way delay: 43.717 ms

Loss rate: 1.15%

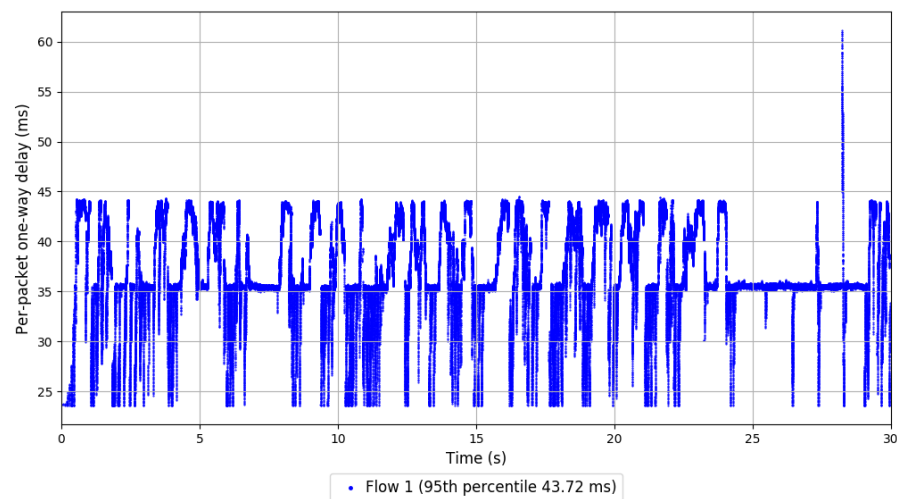
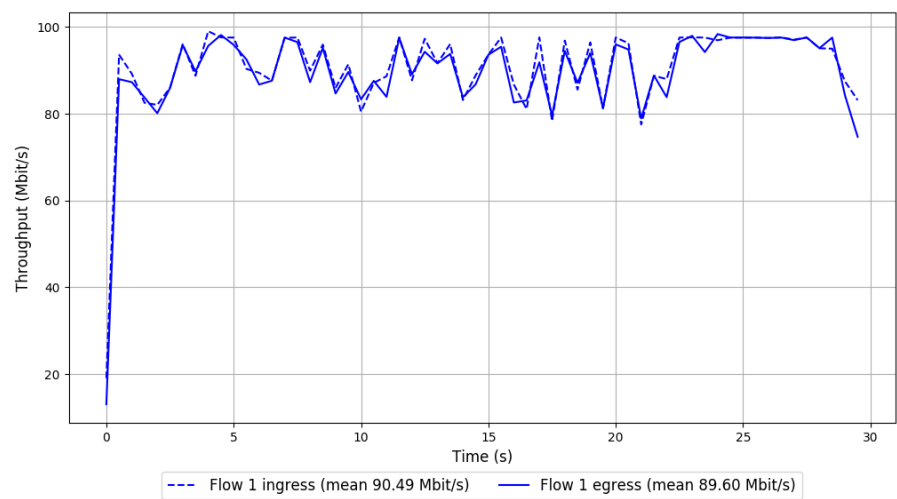
-- Flow 1:

Average throughput: 89.60 Mbit/s

95th percentile per-packet one-way delay: 43.717 ms

Loss rate: 1.15%

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: 2018-02-04 05:41:17

End at: 2018-02-04 05:41:47

Local clock offset: 0.373 ms

Remote clock offset: 0.527 ms

Below is generated by plot.py at 2018-02-04 12:24:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.19 Mbit/s

95th percentile per-packet one-way delay: 42.377 ms

Loss rate: 0.54%

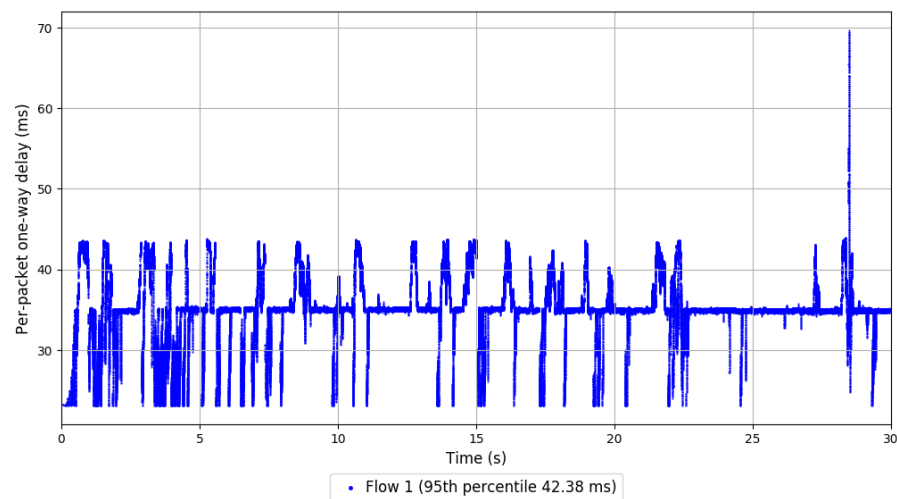
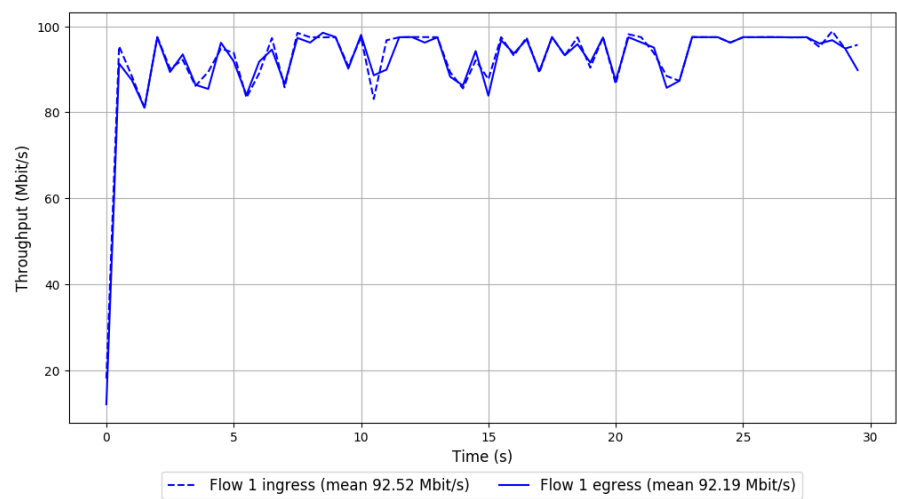
-- Flow 1:

Average throughput: 92.19 Mbit/s

95th percentile per-packet one-way delay: 42.377 ms

Loss rate: 0.54%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: 2018-02-04 06:05:46

End at: 2018-02-04 06:06:16

Local clock offset: 0.269 ms

Remote clock offset: -2.43 ms

Below is generated by plot.py at 2018-02-04 12:24:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.17 Mbit/s

95th percentile per-packet one-way delay: 45.739 ms

Loss rate: 0.91%

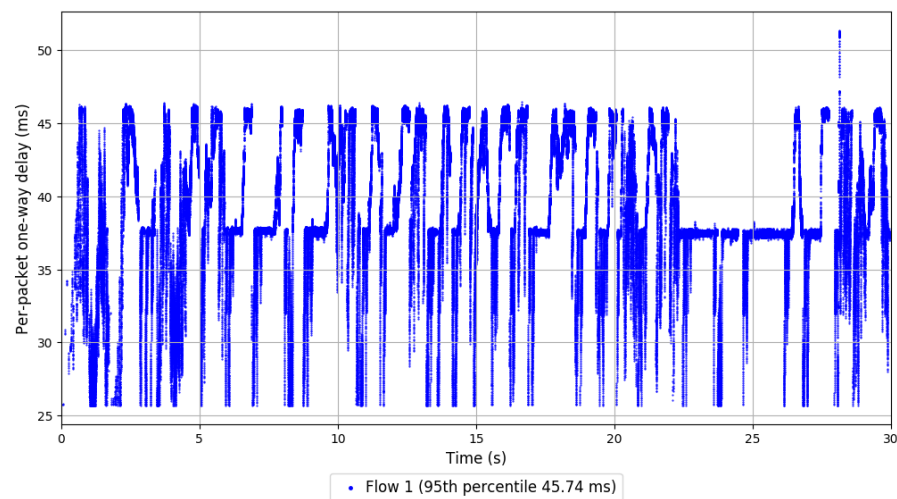
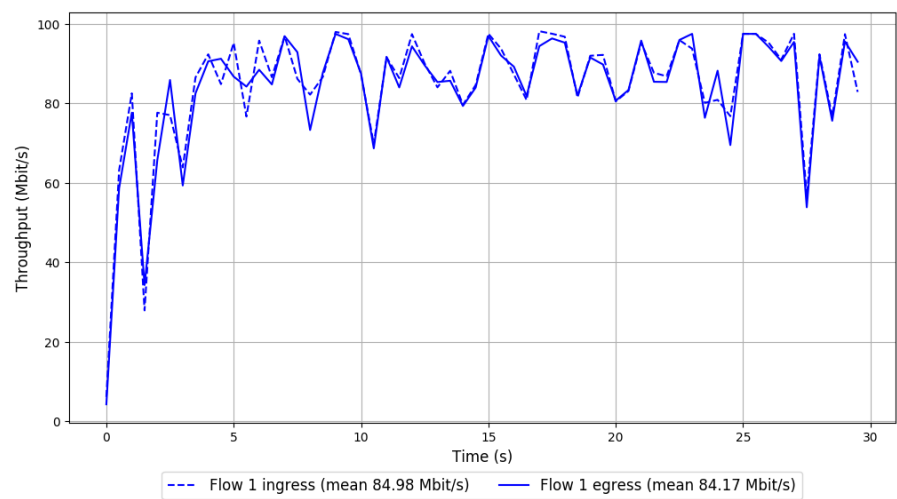
-- Flow 1:

Average throughput: 84.17 Mbit/s

95th percentile per-packet one-way delay: 45.739 ms

Loss rate: 0.91%

Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: 2018-02-04 06:30:31

End at: 2018-02-04 06:31:01

Local clock offset: 0.389 ms

Remote clock offset: 0.148 ms

Below is generated by plot.py at 2018-02-04 12:24:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.20 Mbit/s

95th percentile per-packet one-way delay: 43.571 ms

Loss rate: 1.07%

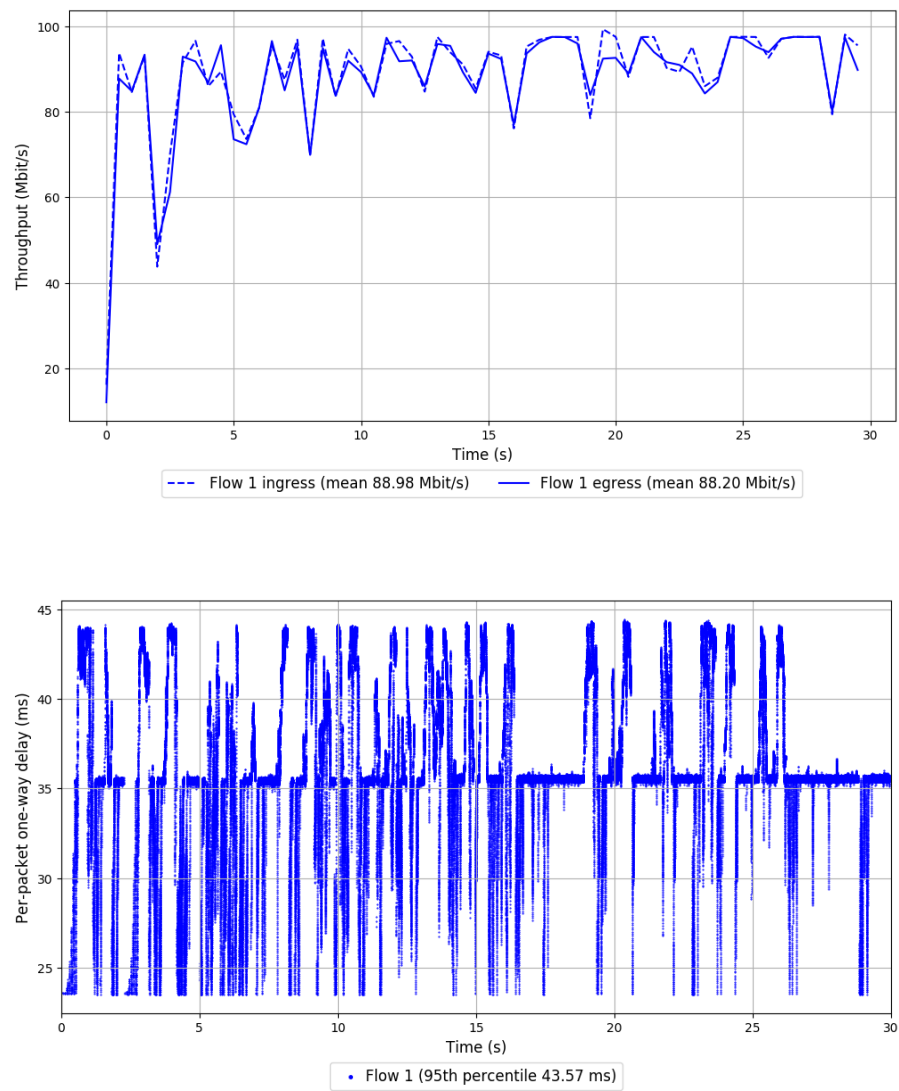
-- Flow 1:

Average throughput: 88.20 Mbit/s

95th percentile per-packet one-way delay: 43.571 ms

Loss rate: 1.07%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: 2018-02-04 06:55:05

End at: 2018-02-04 06:55:35

Local clock offset: 0.563 ms

Remote clock offset: 1.463 ms

Below is generated by plot.py at 2018-02-04 12:24:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.62 Mbit/s

95th percentile per-packet one-way delay: 43.556 ms

Loss rate: 0.88%

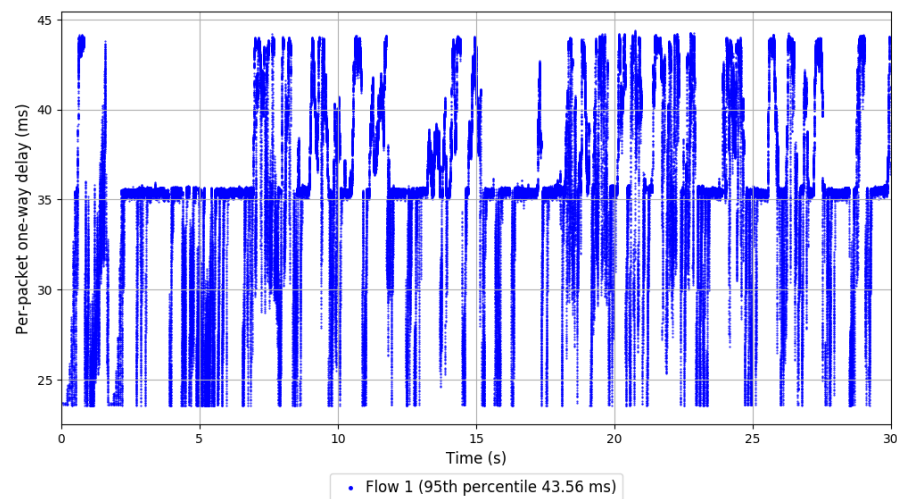
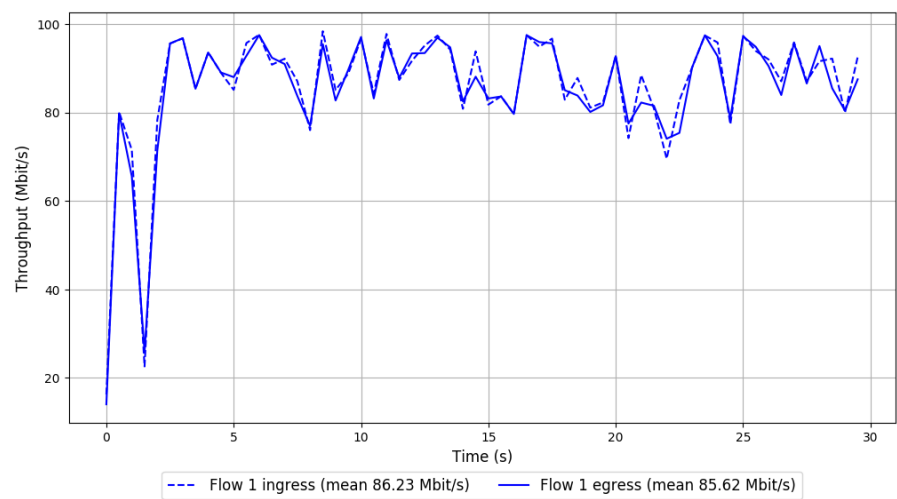
-- Flow 1:

Average throughput: 85.62 Mbit/s

95th percentile per-packet one-way delay: 43.556 ms

Loss rate: 0.88%

Run 7: Report of Verus — Data Link



Run 8: Statistics of Verus

Start at: 2018-02-04 07:19:40

End at: 2018-02-04 07:20:10

Local clock offset: 0.753 ms

Remote clock offset: 2.778 ms

Below is generated by plot.py at 2018-02-04 12:25:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.02 Mbit/s

95th percentile per-packet one-way delay: 42.779 ms

Loss rate: 0.58%

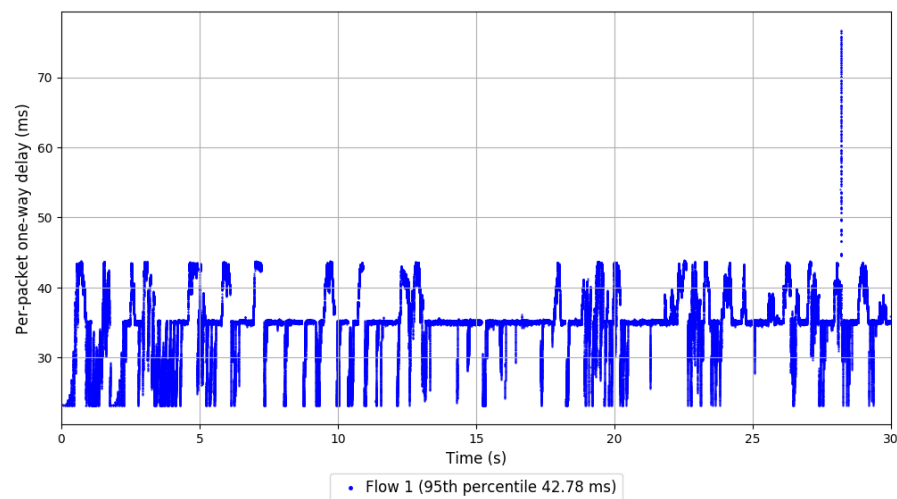
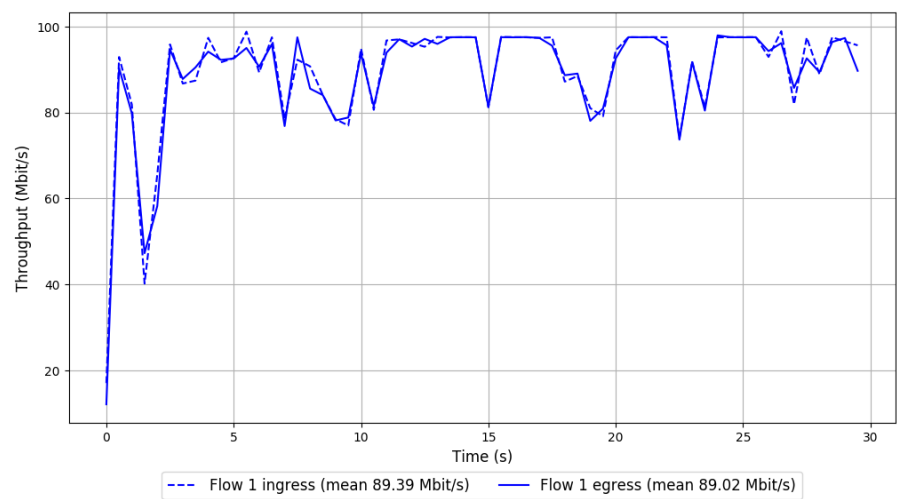
-- Flow 1:

Average throughput: 89.02 Mbit/s

95th percentile per-packet one-way delay: 42.779 ms

Loss rate: 0.58%

Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

Start at: 2018-02-04 07:43:52

End at: 2018-02-04 07:44:22

Local clock offset: 0.869 ms

Remote clock offset: 2.806 ms

Below is generated by plot.py at 2018-02-04 12:25:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.14 Mbit/s

95th percentile per-packet one-way delay: 41.861 ms

Loss rate: 0.46%

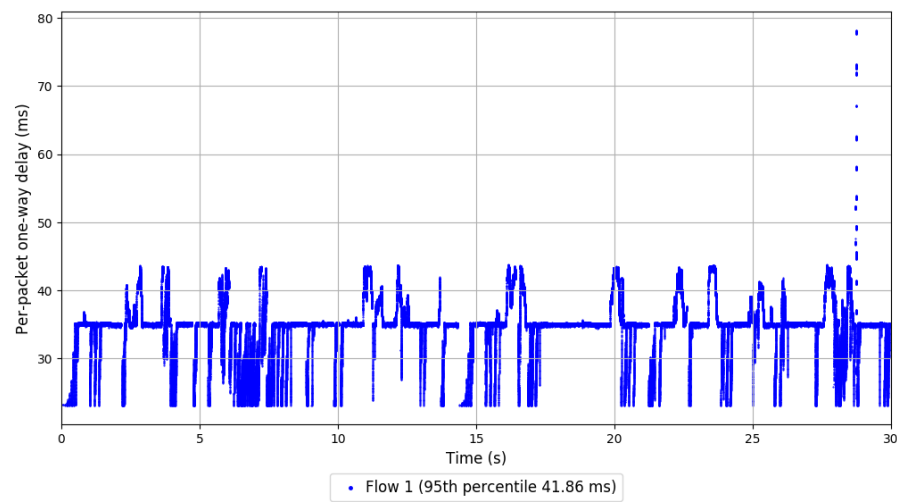
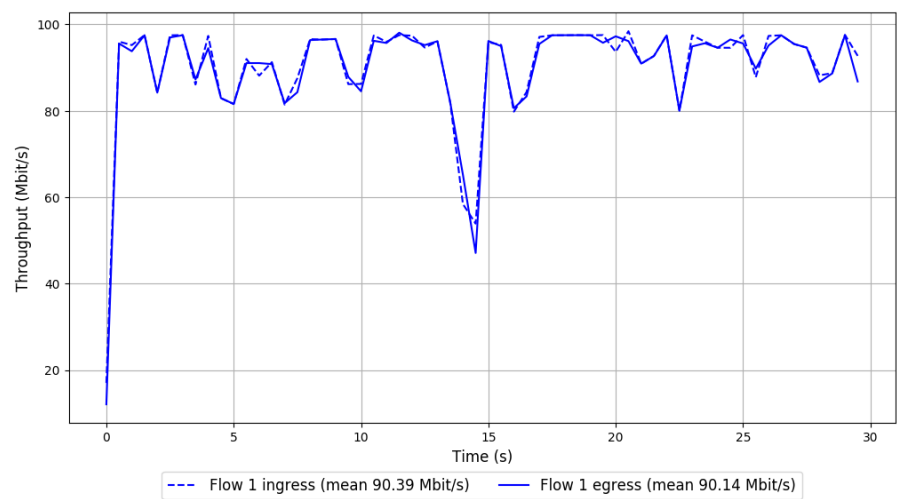
-- Flow 1:

Average throughput: 90.14 Mbit/s

95th percentile per-packet one-way delay: 41.861 ms

Loss rate: 0.46%

Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

Start at: 2018-02-04 08:08:08

End at: 2018-02-04 08:08:38

Local clock offset: 1.036 ms

Remote clock offset: 0.816 ms

Below is generated by plot.py at 2018-02-04 12:25:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.15 Mbit/s

95th percentile per-packet one-way delay: 41.632 ms

Loss rate: 0.61%

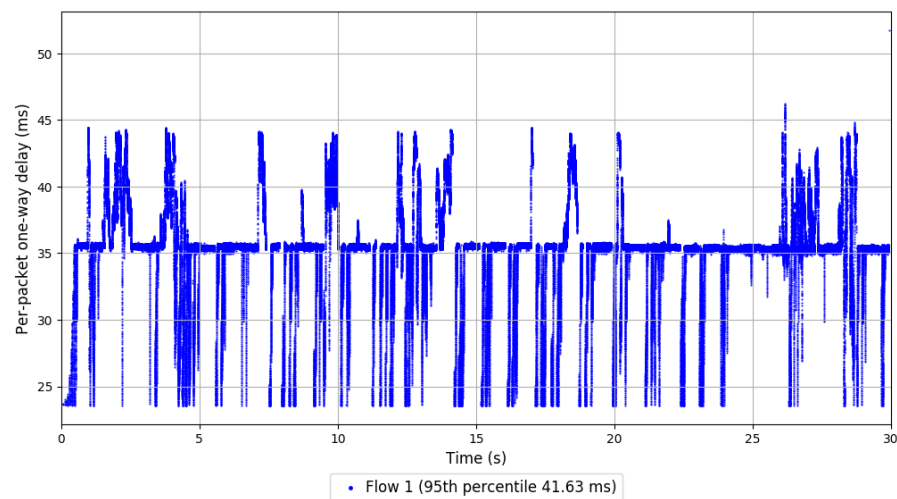
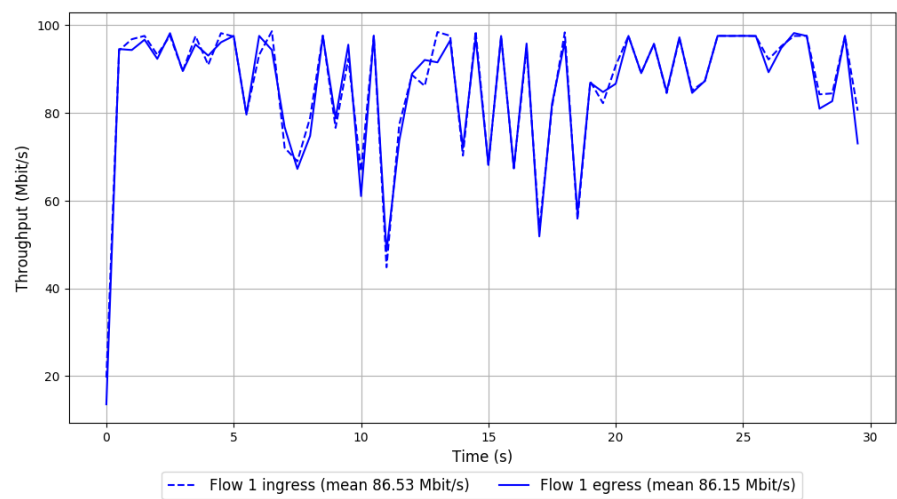
-- Flow 1:

Average throughput: 86.15 Mbit/s

95th percentile per-packet one-way delay: 41.632 ms

Loss rate: 0.61%

Run 10: Report of Verus — Data Link



Run 1: Statistics of Copa

Start at: 2018-02-04 04:09:13

End at: 2018-02-04 04:09:43

Local clock offset: 0.415 ms

Remote clock offset: 1.498 ms

Below is generated by plot.py at 2018-02-04 12:25:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 29.17 Mbit/s

95th percentile per-packet one-way delay: 31.625 ms

Loss rate: 1.01%

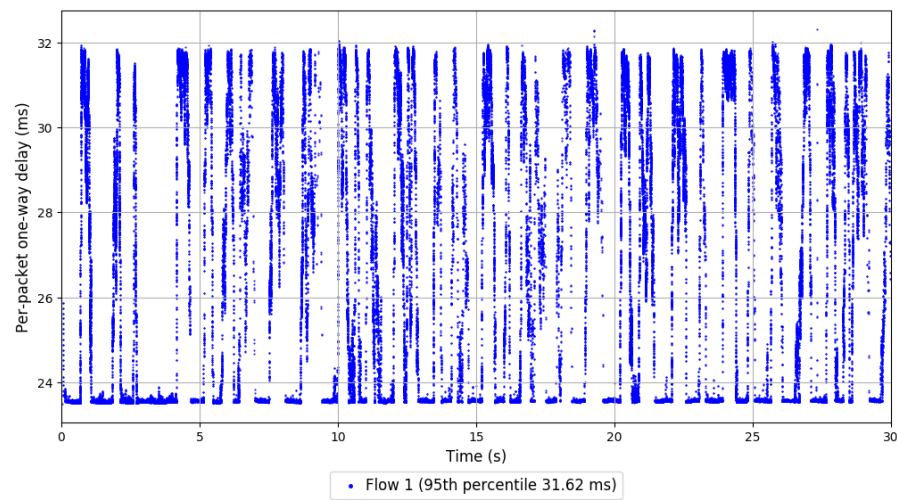
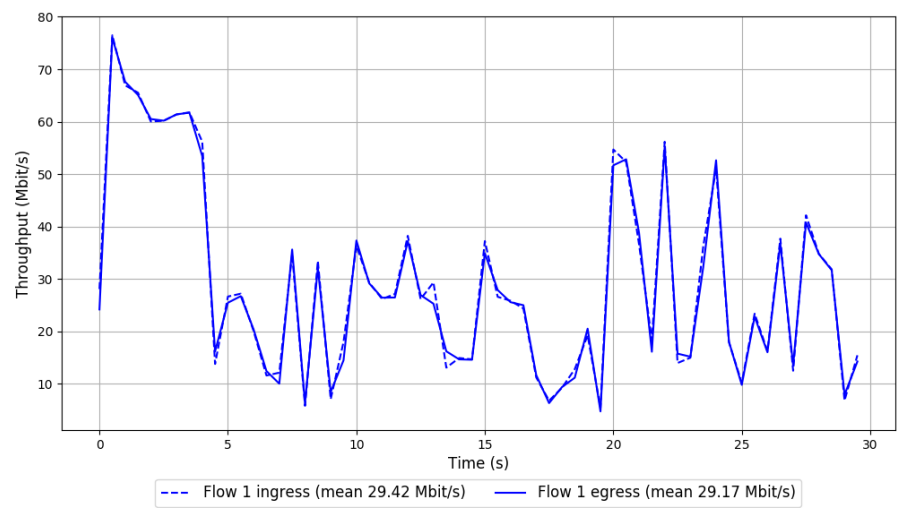
-- Flow 1:

Average throughput: 29.17 Mbit/s

95th percentile per-packet one-way delay: 31.625 ms

Loss rate: 1.01%

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: 2018-02-04 04:35:46

End at: 2018-02-04 04:36:16

Local clock offset: 0.558 ms

Remote clock offset: 2.403 ms

Below is generated by plot.py at 2018-02-04 12:25:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 46.90 Mbit/s

95th percentile per-packet one-way delay: 31.178 ms

Loss rate: 0.89%

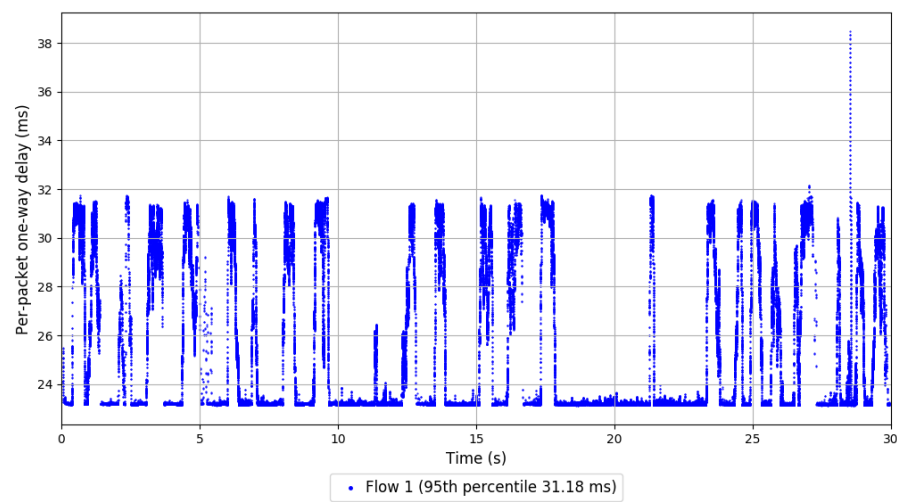
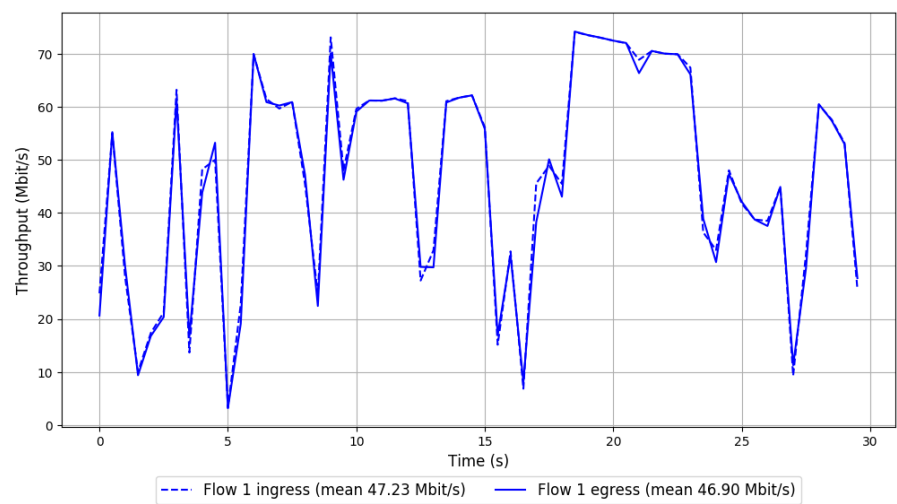
-- Flow 1:

Average throughput: 46.90 Mbit/s

95th percentile per-packet one-way delay: 31.178 ms

Loss rate: 0.89%

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

Start at: 2018-02-04 05:00:52

End at: 2018-02-04 05:01:22

Local clock offset: 0.524 ms

Remote clock offset: 1.27 ms

Below is generated by plot.py at 2018-02-04 12:25:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 48.72 Mbit/s

95th percentile per-packet one-way delay: 31.400 ms

Loss rate: 0.39%

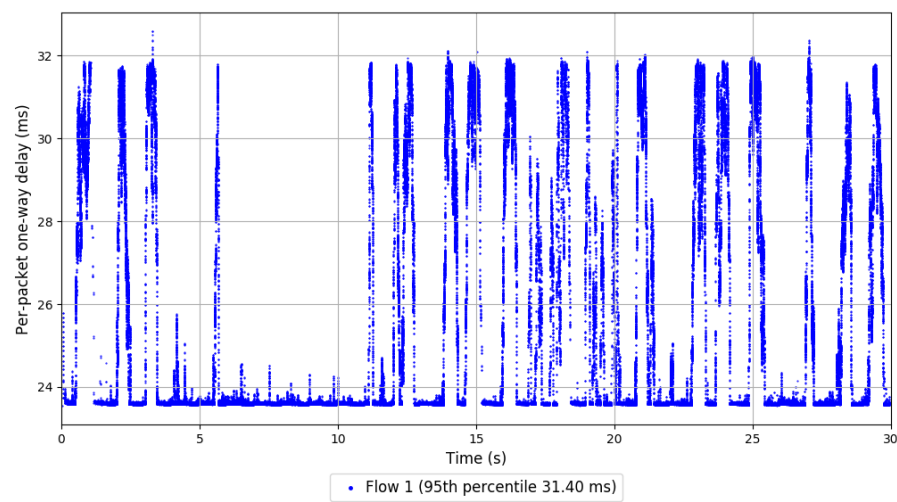
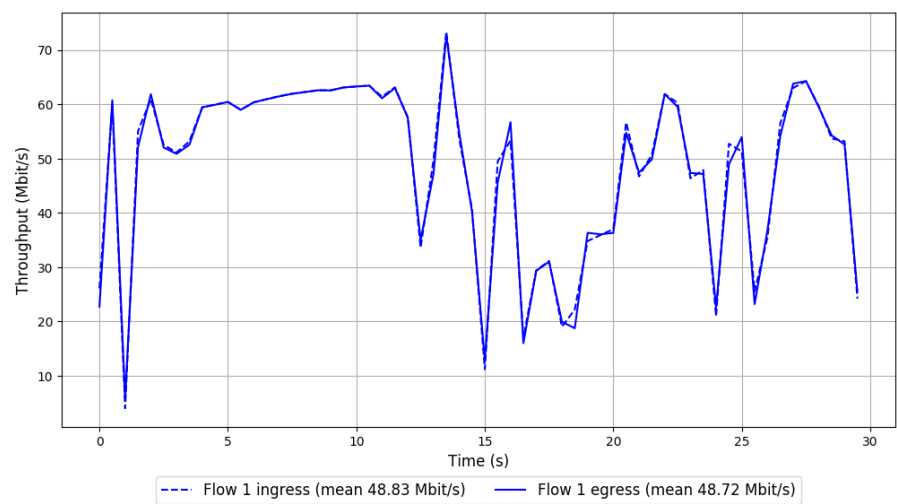
-- Flow 1:

Average throughput: 48.72 Mbit/s

95th percentile per-packet one-way delay: 31.400 ms

Loss rate: 0.39%

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: 2018-02-04 05:25:56

End at: 2018-02-04 05:26:26

Local clock offset: 0.535 ms

Remote clock offset: -1.46 ms

Below is generated by plot.py at 2018-02-04 12:25:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 44.42 Mbit/s

95th percentile per-packet one-way delay: 33.743 ms

Loss rate: 1.00%

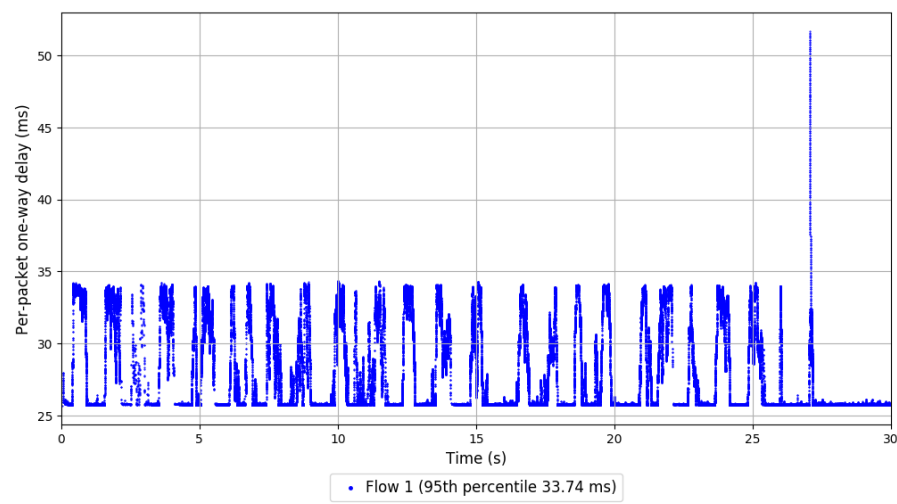
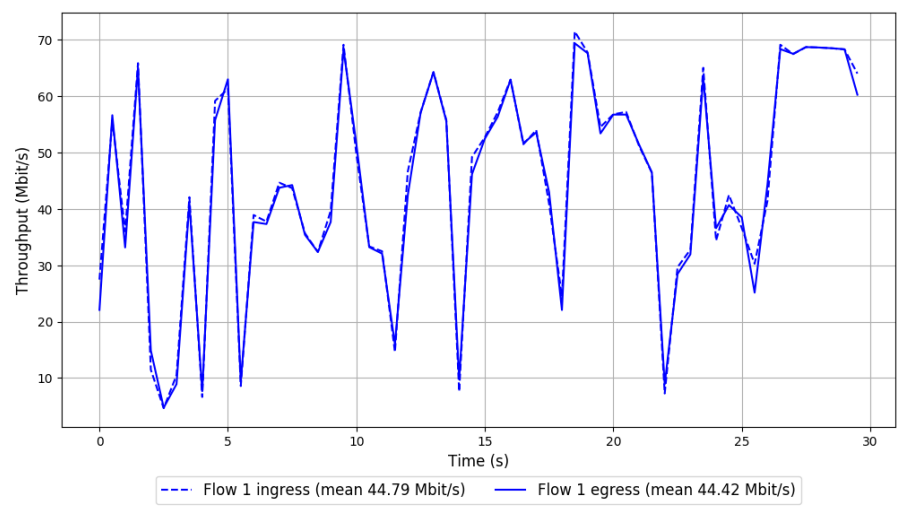
-- Flow 1:

Average throughput: 44.42 Mbit/s

95th percentile per-packet one-way delay: 33.743 ms

Loss rate: 1.00%

Run 4: Report of Copa — Data Link

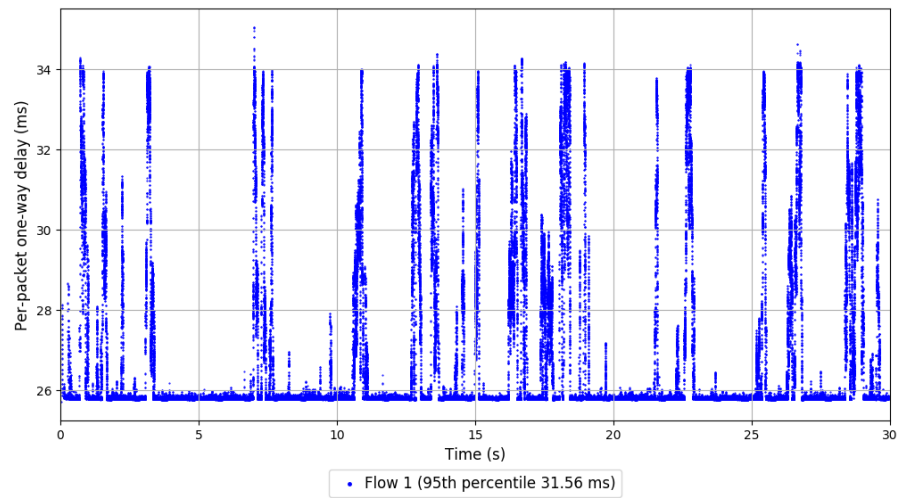
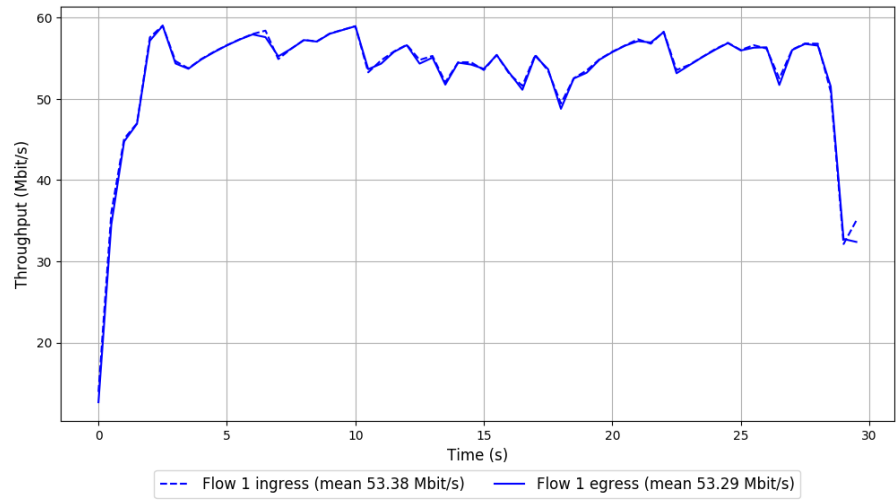


Run 5: Statistics of Copa

Start at: 2018-02-04 05:50:49
End at: 2018-02-04 05:51:19
Local clock offset: 0.425 ms
Remote clock offset: -2.359 ms

Below is generated by plot.py at 2018-02-04 12:26:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 53.29 Mbit/s
95th percentile per-packet one-way delay: 31.558 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 53.29 Mbit/s
95th percentile per-packet one-way delay: 31.558 ms
Loss rate: 0.34%

Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: 2018-02-04 06:15:33

End at: 2018-02-04 06:16:03

Local clock offset: 0.268 ms

Remote clock offset: 0.128 ms

Below is generated by plot.py at 2018-02-04 12:26:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 45.22 Mbit/s

95th percentile per-packet one-way delay: 31.191 ms

Loss rate: 1.06%

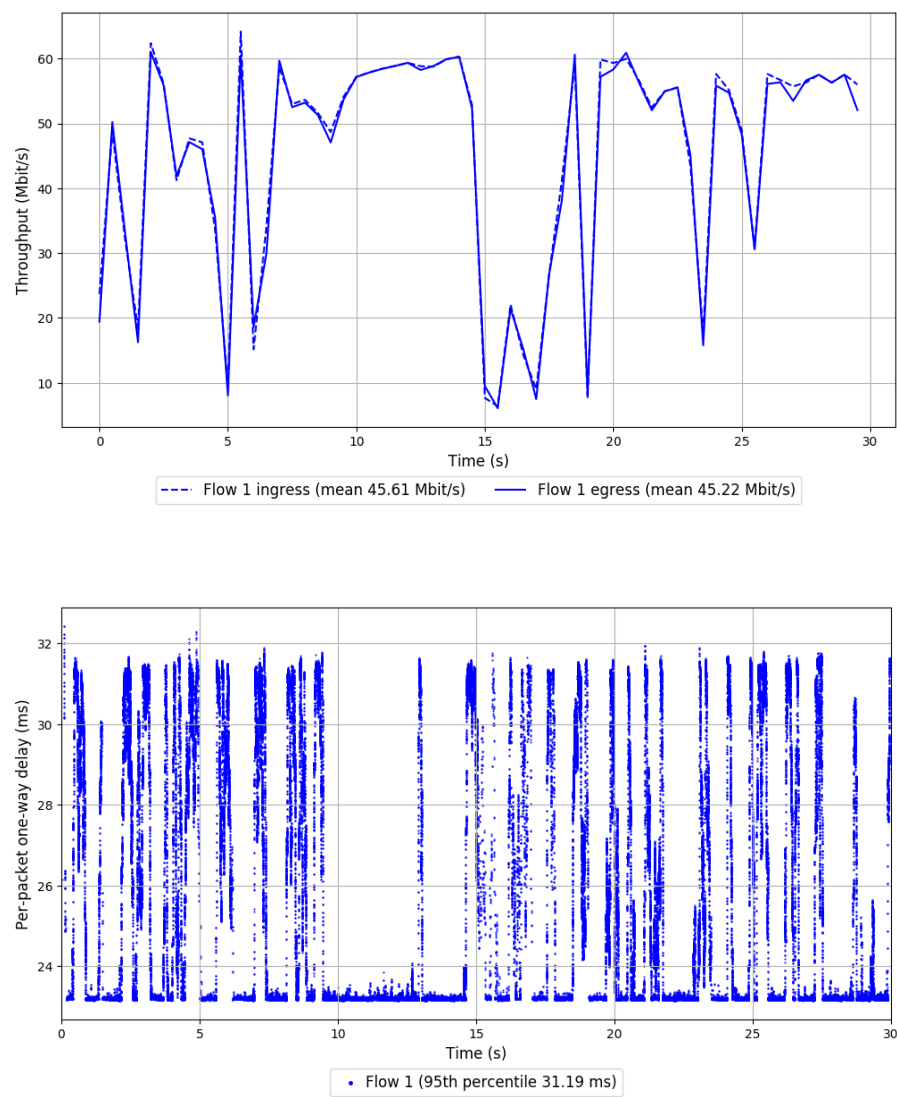
-- Flow 1:

Average throughput: 45.22 Mbit/s

95th percentile per-packet one-way delay: 31.191 ms

Loss rate: 1.06%

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

Start at: 2018-02-04 06:40:07

End at: 2018-02-04 06:40:37

Local clock offset: 0.352 ms

Remote clock offset: 0.451 ms

Below is generated by plot.py at 2018-02-04 12:26:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 49.99 Mbit/s

95th percentile per-packet one-way delay: 31.075 ms

Loss rate: 0.50%

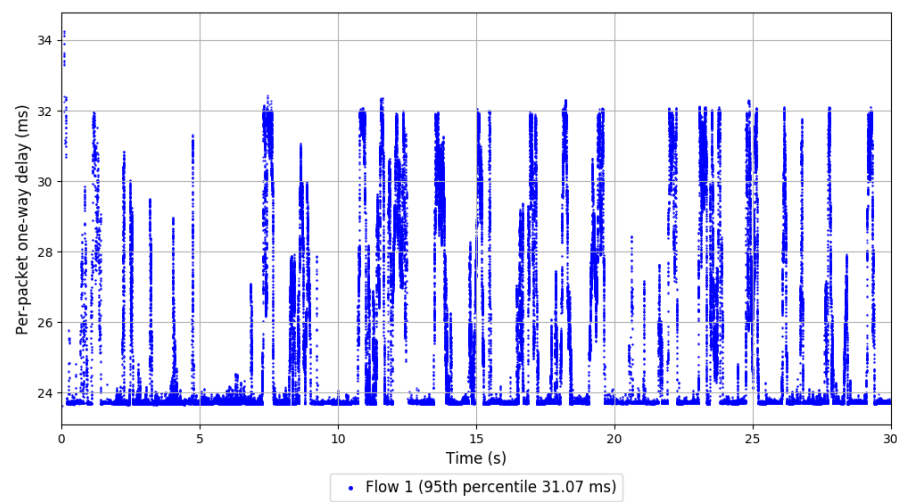
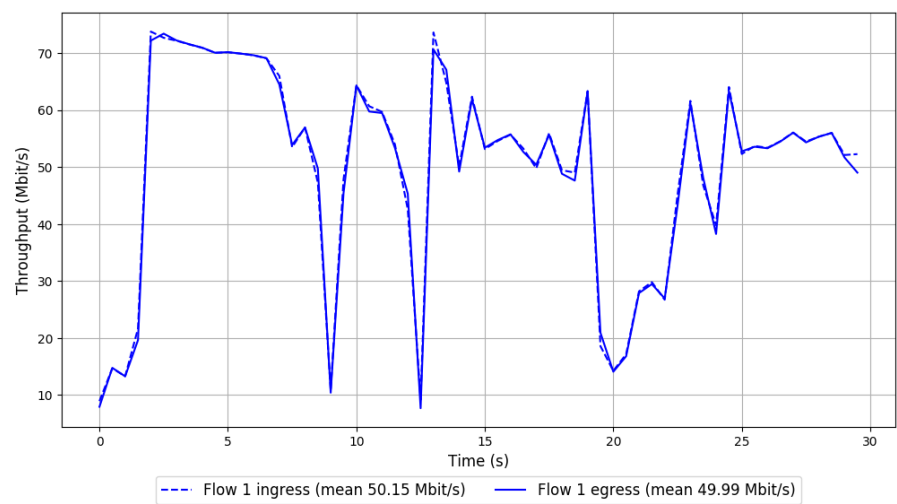
-- Flow 1:

Average throughput: 49.99 Mbit/s

95th percentile per-packet one-way delay: 31.075 ms

Loss rate: 0.50%

Run 7: Report of Copa — Data Link

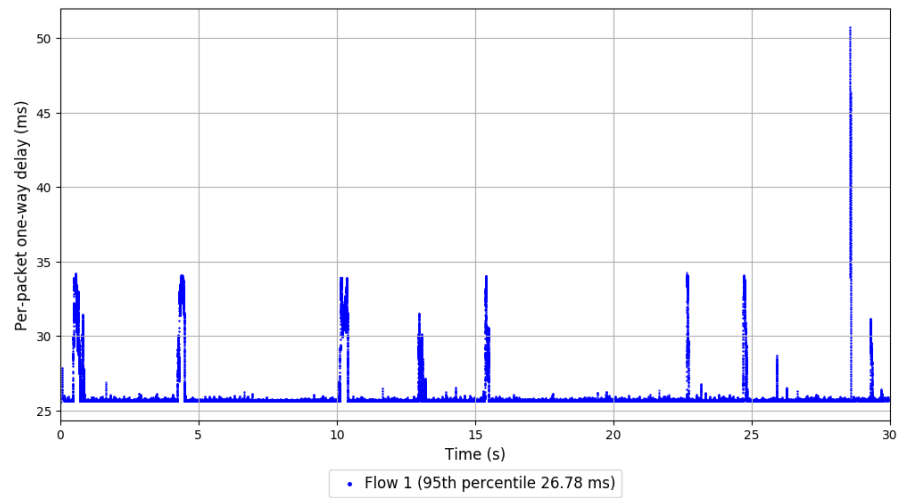
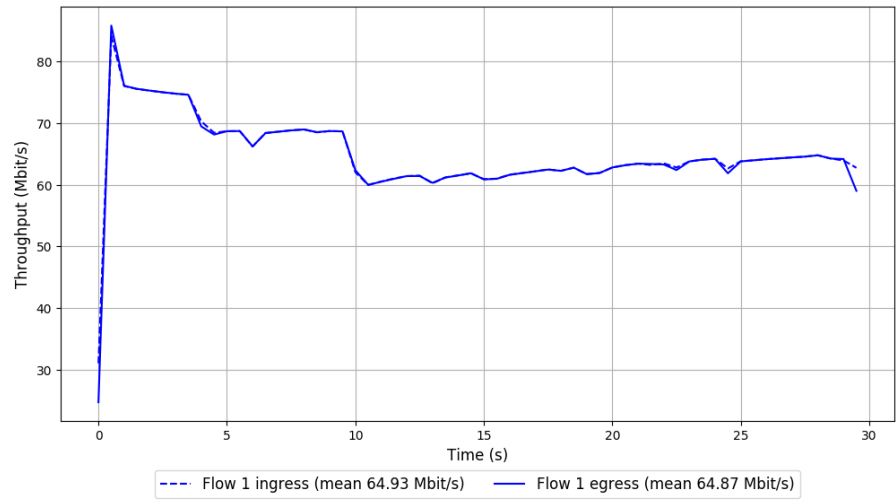


Run 8: Statistics of Copa

Start at: 2018-02-04 07:04:47
End at: 2018-02-04 07:05:17
Local clock offset: 0.65 ms
Remote clock offset: -0.125 ms

Below is generated by plot.py at 2018-02-04 12:26:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 64.87 Mbit/s
95th percentile per-packet one-way delay: 26.779 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 64.87 Mbit/s
95th percentile per-packet one-way delay: 26.779 ms
Loss rate: 0.27%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: 2018-02-04 07:29:17

End at: 2018-02-04 07:29:47

Local clock offset: 0.734 ms

Remote clock offset: 2.491 ms

Below is generated by plot.py at 2018-02-04 12:26:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 59.99 Mbit/s

95th percentile per-packet one-way delay: 30.048 ms

Loss rate: 0.36%

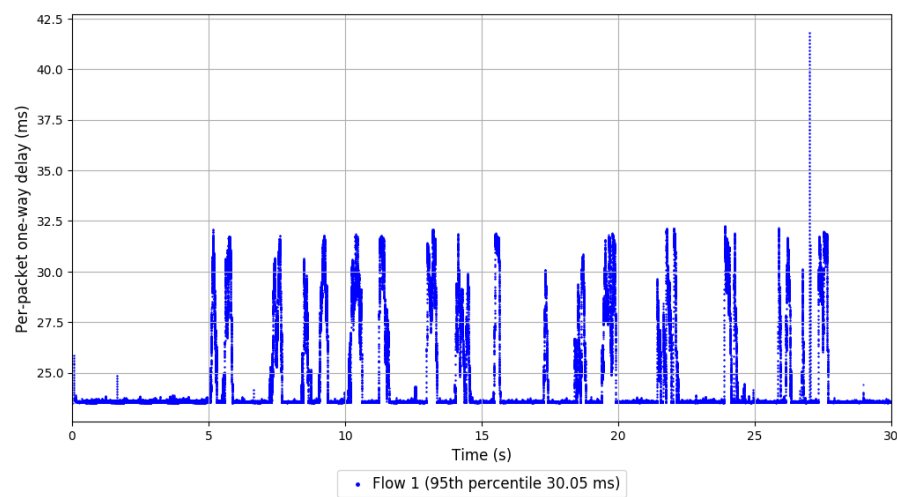
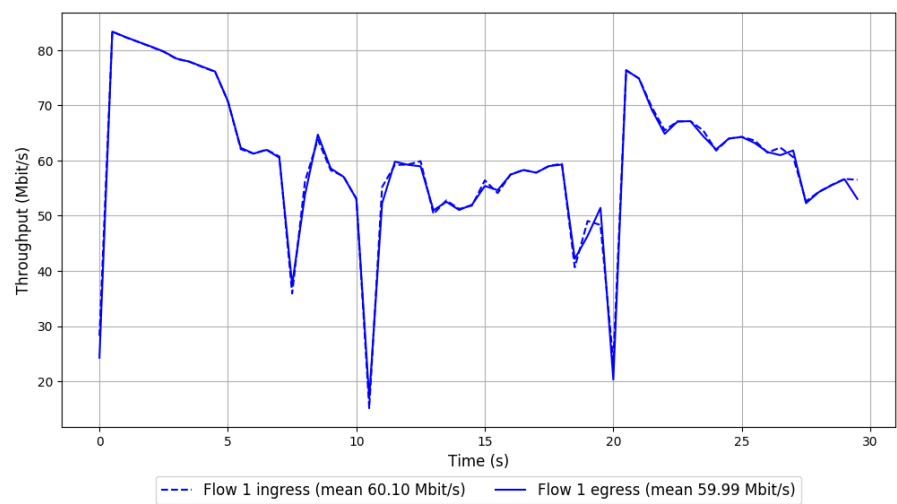
-- Flow 1:

Average throughput: 59.99 Mbit/s

95th percentile per-packet one-way delay: 30.048 ms

Loss rate: 0.36%

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: 2018-02-04 07:53:33

End at: 2018-02-04 07:54:03

Local clock offset: 0.954 ms

Remote clock offset: 1.639 ms

Below is generated by plot.py at 2018-02-04 12:26:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 67.72 Mbit/s

95th percentile per-packet one-way delay: 23.639 ms

Loss rate: 0.20%

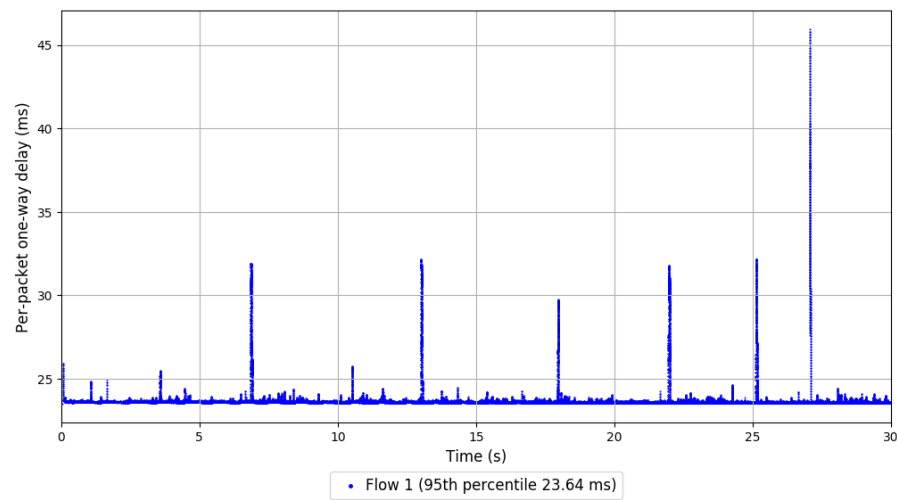
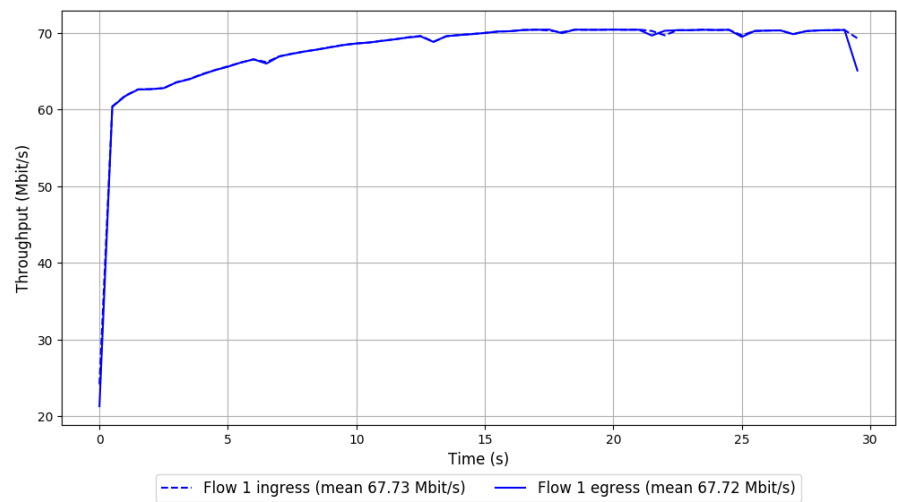
-- Flow 1:

Average throughput: 67.72 Mbit/s

95th percentile per-packet one-way delay: 23.639 ms

Loss rate: 0.20%

Run 10: Report of Copa — Data Link



Run 1: Statistics of FillP

Start at: 2018-02-04 04:26:49

End at: 2018-02-04 04:27:19

Local clock offset: 0.569 ms

Remote clock offset: 0.049 ms

Below is generated by plot.py at 2018-02-04 12:27:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.05 Mbit/s

95th percentile per-packet one-way delay: 41.490 ms

Loss rate: 2.77%

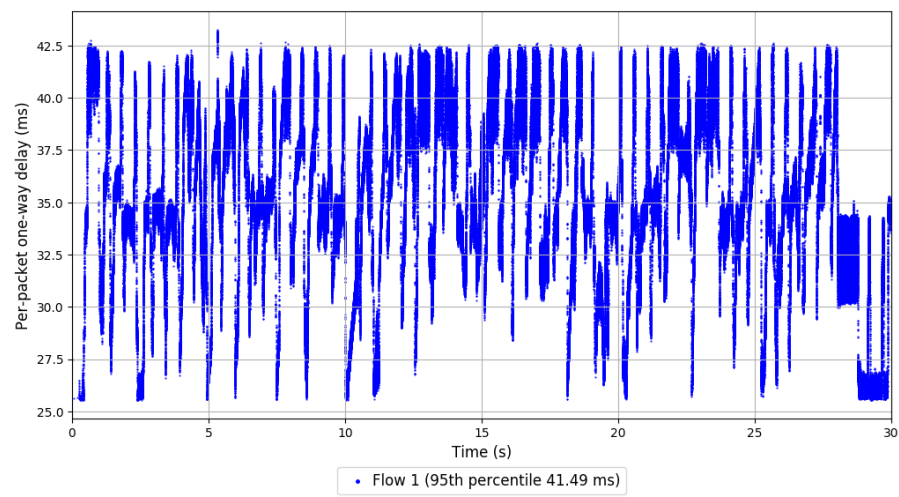
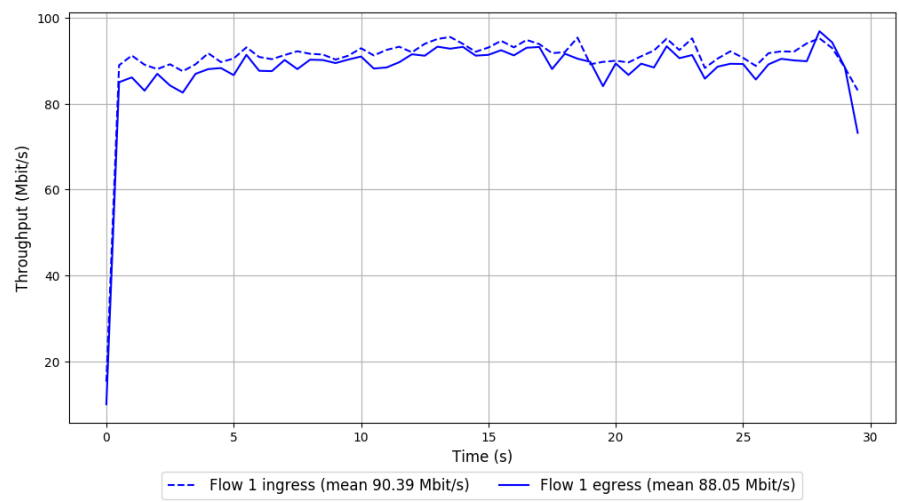
-- Flow 1:

Average throughput: 88.05 Mbit/s

95th percentile per-packet one-way delay: 41.490 ms

Loss rate: 2.77%

Run 1: Report of FillP — Data Link



Run 2: Statistics of FillP

Start at: 2018-02-04 04:52:23

End at: 2018-02-04 04:52:53

Local clock offset: 0.521 ms

Remote clock offset: 1.977 ms

Below is generated by plot.py at 2018-02-04 12:27:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.49 Mbit/s

95th percentile per-packet one-way delay: 38.172 ms

Loss rate: 1.36%

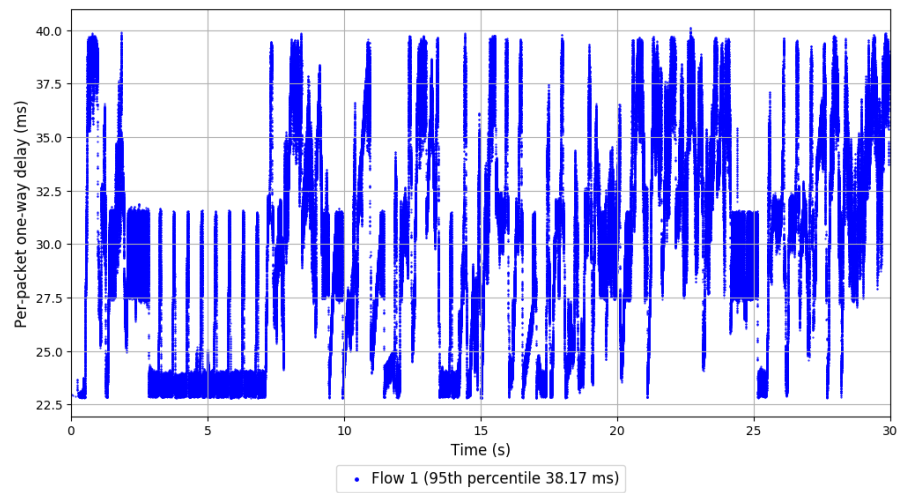
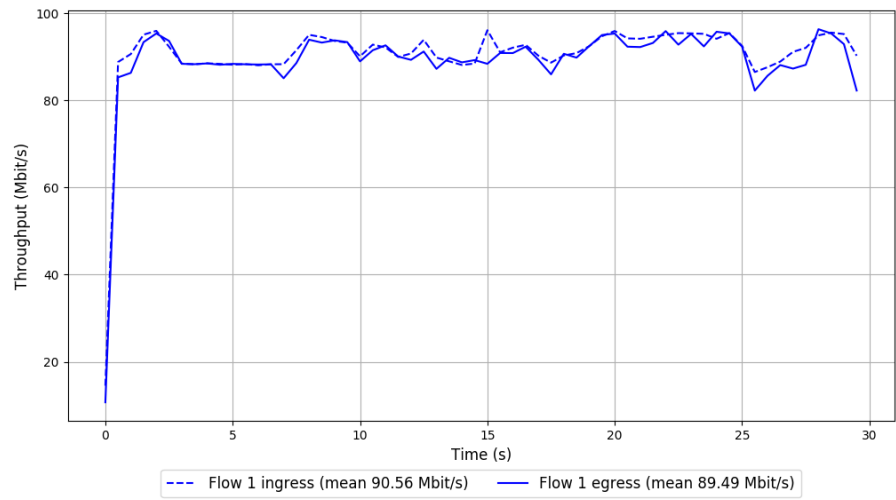
-- Flow 1:

Average throughput: 89.49 Mbit/s

95th percentile per-packet one-way delay: 38.172 ms

Loss rate: 1.36%

Run 2: Report of FillP — Data Link



Run 3: Statistics of FillP

Start at: 2018-02-04 05:17:17

End at: 2018-02-04 05:17:47

Local clock offset: 0.479 ms

Remote clock offset: 1.309 ms

Below is generated by plot.py at 2018-02-04 12:28:25

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.31 Mbit/s

95th percentile per-packet one-way delay: 38.001 ms

Loss rate: 1.17%

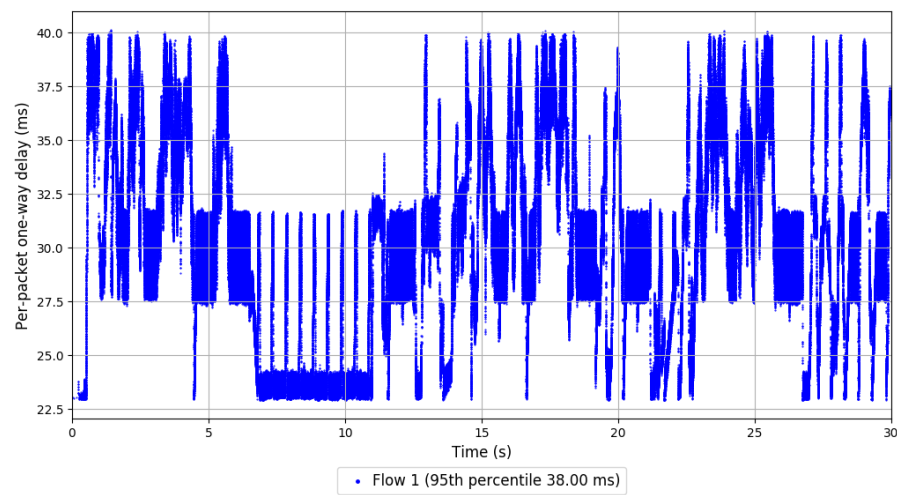
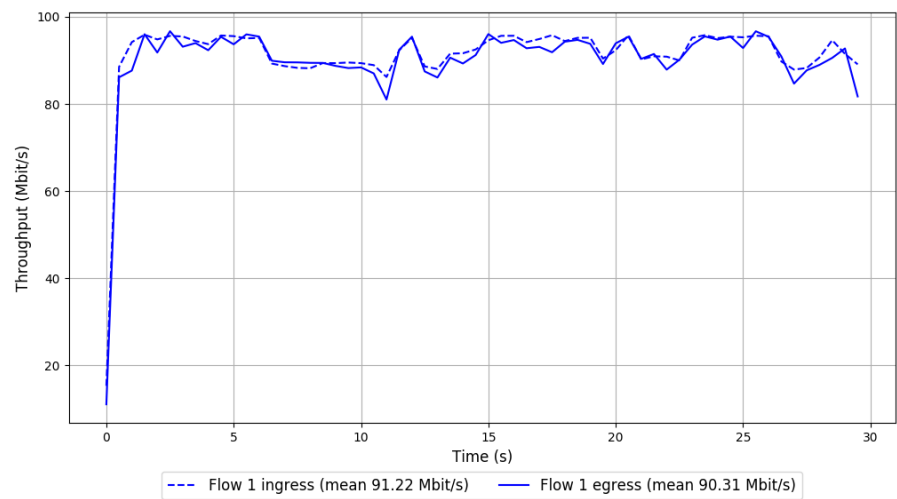
-- Flow 1:

Average throughput: 90.31 Mbit/s

95th percentile per-packet one-way delay: 38.001 ms

Loss rate: 1.17%

Run 3: Report of FillP — Data Link



Run 4: Statistics of FillP

Start at: 2018-02-04 05:42:41

End at: 2018-02-04 05:43:11

Local clock offset: 0.488 ms

Remote clock offset: 0.072 ms

Below is generated by plot.py at 2018-02-04 12:28:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.04 Mbit/s

95th percentile per-packet one-way delay: 36.688 ms

Loss rate: 0.58%

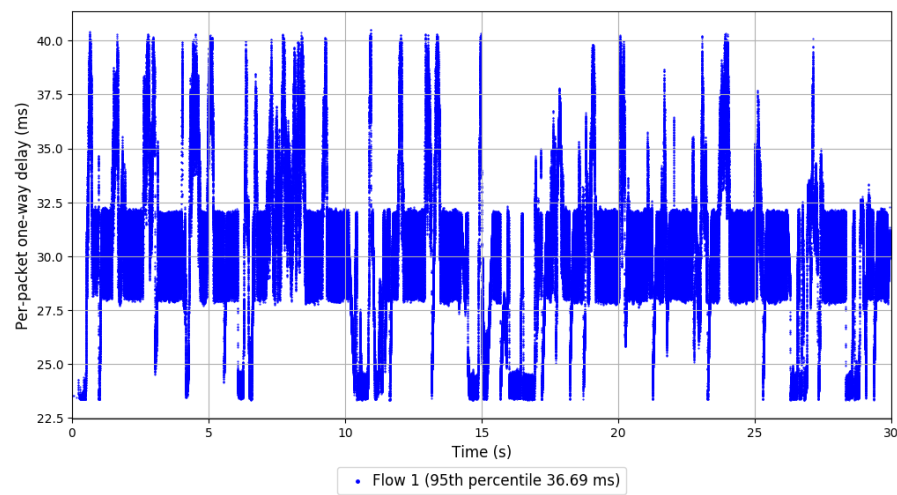
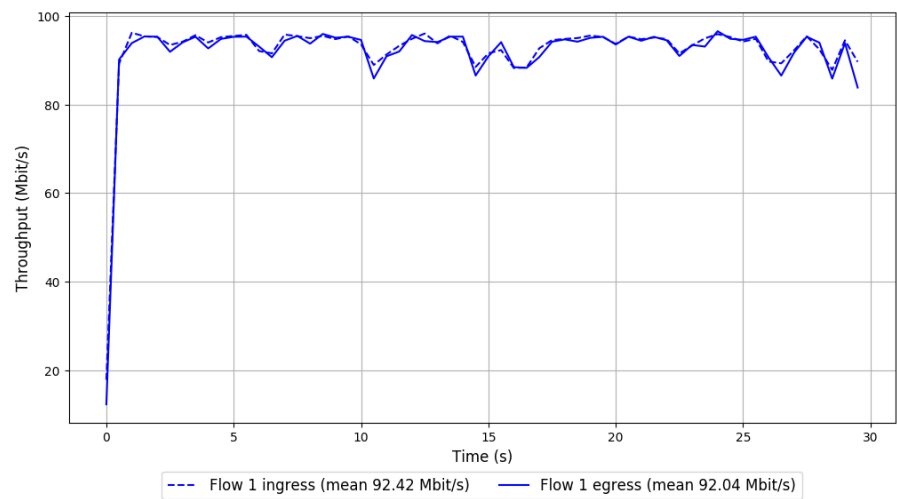
-- Flow 1:

Average throughput: 92.04 Mbit/s

95th percentile per-packet one-way delay: 36.688 ms

Loss rate: 0.58%

Run 4: Report of FillP — Data Link

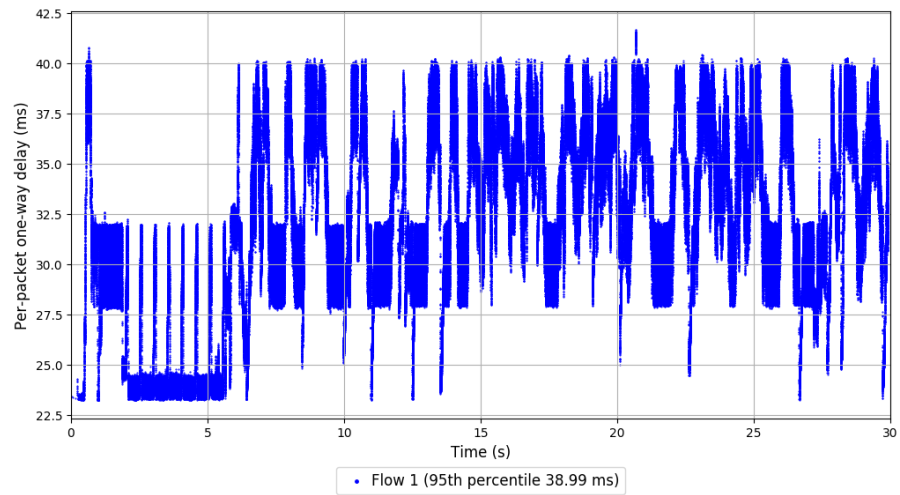
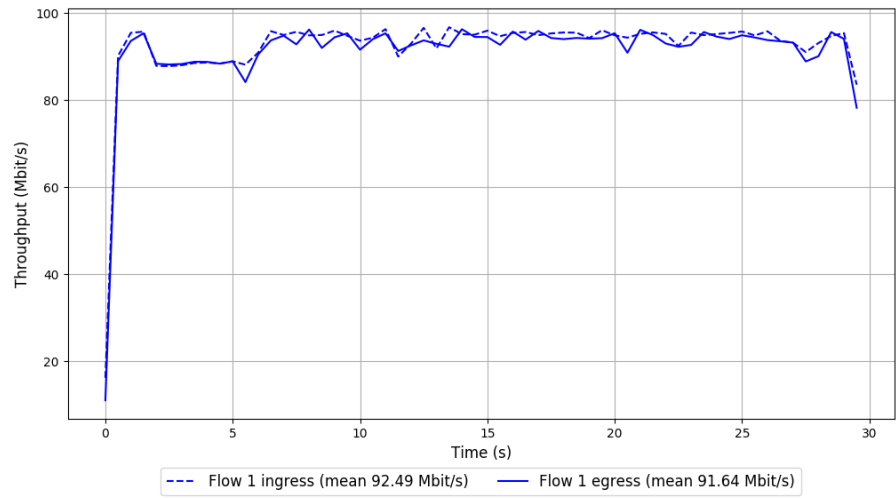


Run 5: Statistics of FillP

Start at: 2018-02-04 06:07:18
End at: 2018-02-04 06:07:48
Local clock offset: 0.19 ms
Remote clock offset: -0.325 ms

Below is generated by plot.py at 2018-02-04 12:28:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.64 Mbit/s
95th percentile per-packet one-way delay: 38.986 ms
Loss rate: 1.10%
-- Flow 1:
Average throughput: 91.64 Mbit/s
95th percentile per-packet one-way delay: 38.986 ms
Loss rate: 1.10%

Run 5: Report of FillP — Data Link



Run 6: Statistics of FillP

Start at: 2018-02-04 06:31:59

End at: 2018-02-04 06:32:29

Local clock offset: 0.396 ms

Remote clock offset: 0.134 ms

Below is generated by plot.py at 2018-02-04 12:29:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.65 Mbit/s

95th percentile per-packet one-way delay: 38.620 ms

Loss rate: 1.15%

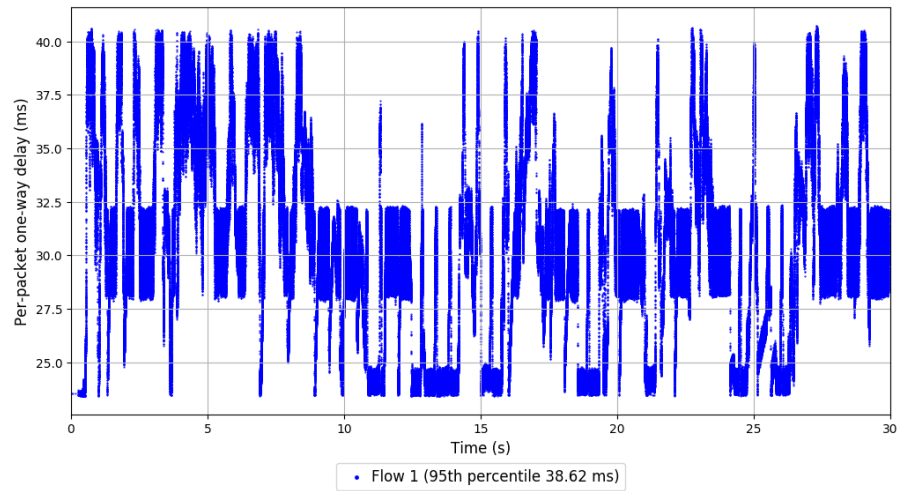
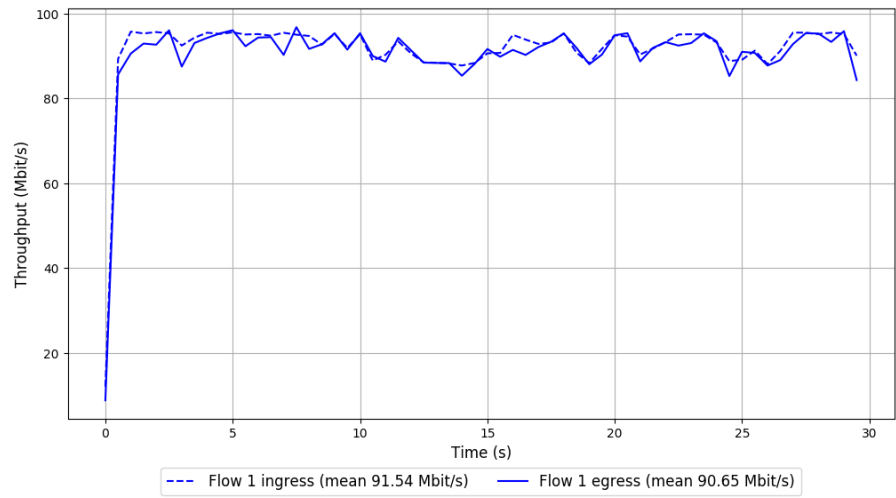
-- Flow 1:

Average throughput: 90.65 Mbit/s

95th percentile per-packet one-way delay: 38.620 ms

Loss rate: 1.15%

Run 6: Report of FillP — Data Link



Run 7: Statistics of FillP

Start at: 2018-02-04 06:56:31

End at: 2018-02-04 06:57:01

Local clock offset: 0.587 ms

Remote clock offset: 1.438 ms

Below is generated by plot.py at 2018-02-04 12:29:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.27 Mbit/s

95th percentile per-packet one-way delay: 38.707 ms

Loss rate: 1.12%

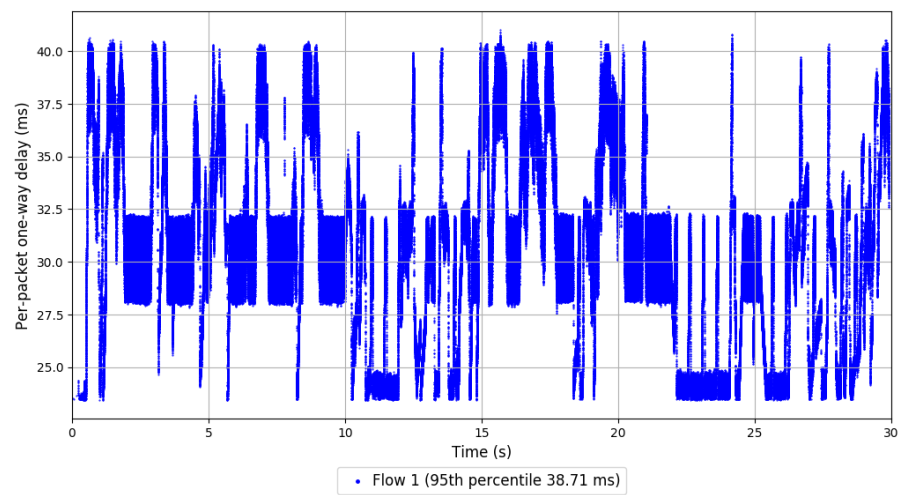
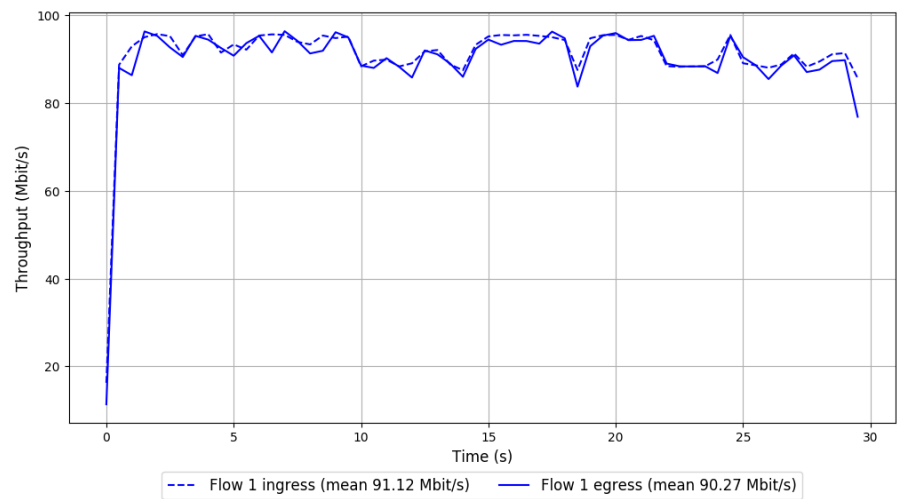
-- Flow 1:

Average throughput: 90.27 Mbit/s

95th percentile per-packet one-way delay: 38.707 ms

Loss rate: 1.12%

Run 7: Report of FillP — Data Link



Run 8: Statistics of FillP

Start at: 2018-02-04 07:21:04

End at: 2018-02-04 07:21:34

Local clock offset: 0.677 ms

Remote clock offset: 2.388 ms

Below is generated by plot.py at 2018-02-04 12:29:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.94 Mbit/s

95th percentile per-packet one-way delay: 37.295 ms

Loss rate: 0.71%

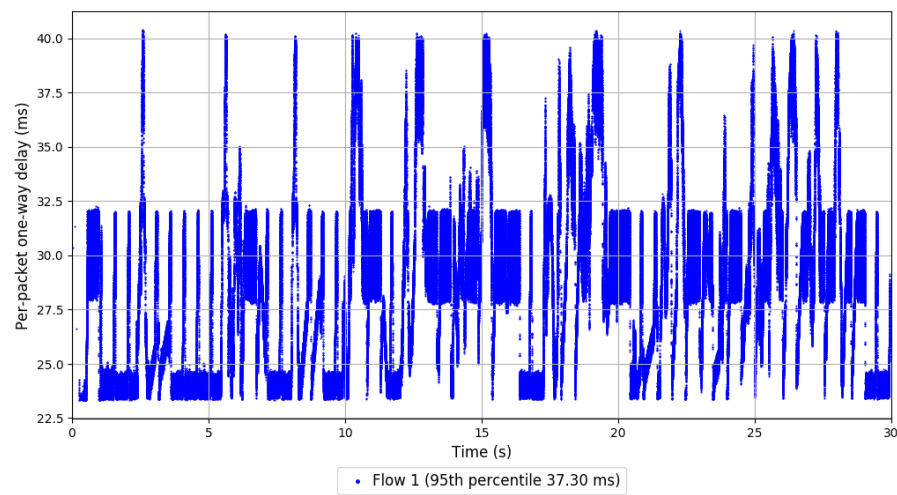
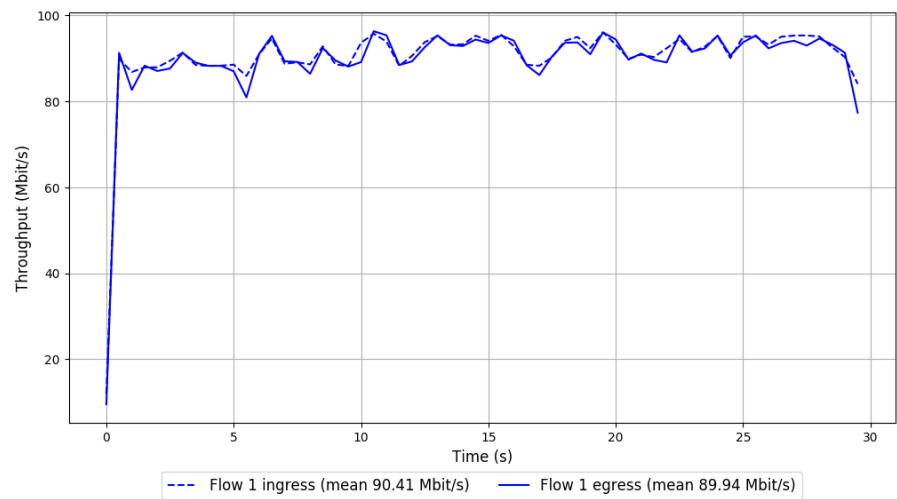
-- Flow 1:

Average throughput: 89.94 Mbit/s

95th percentile per-packet one-way delay: 37.295 ms

Loss rate: 0.71%

Run 8: Report of FillP — Data Link



Run 9: Statistics of FillP

Start at: 2018-02-04 07:45:15

End at: 2018-02-04 07:45:45

Local clock offset: 0.904 ms

Remote clock offset: 2.228 ms

Below is generated by plot.py at 2018-02-04 12:30:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.02 Mbit/s

95th percentile per-packet one-way delay: 34.505 ms

Loss rate: 0.47%

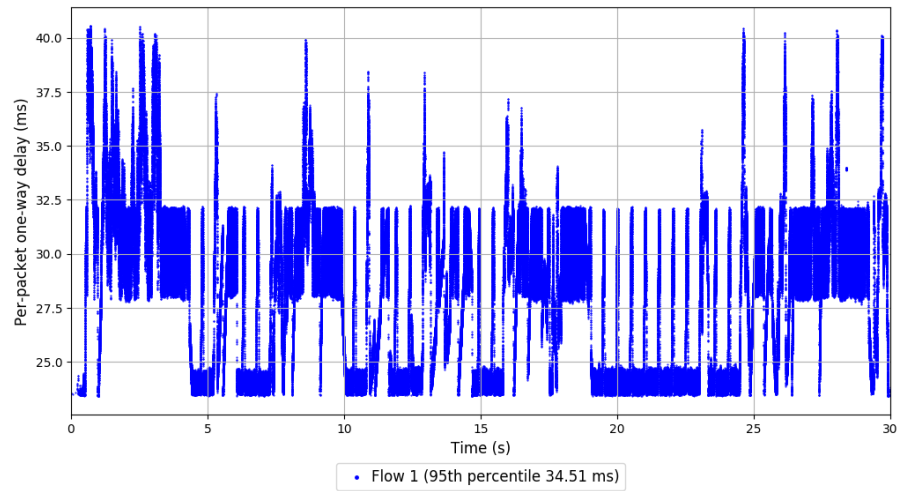
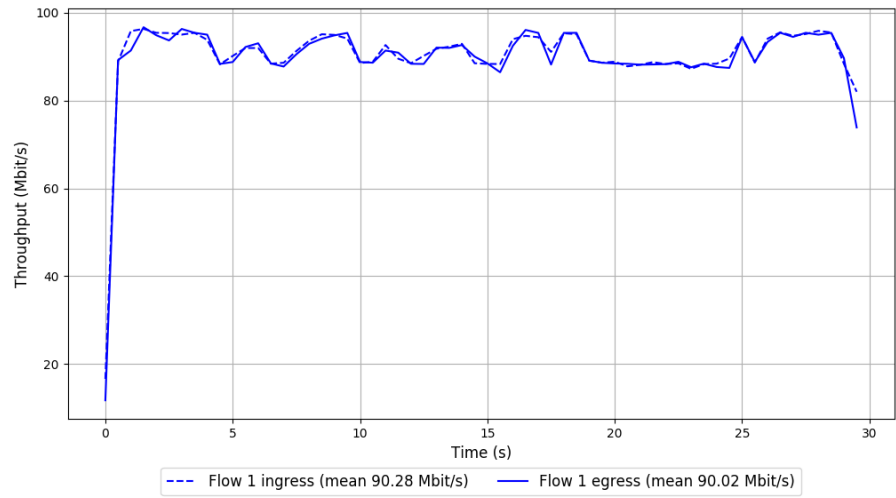
-- Flow 1:

Average throughput: 90.02 Mbit/s

95th percentile per-packet one-way delay: 34.505 ms

Loss rate: 0.47%

Run 9: Report of FillP — Data Link

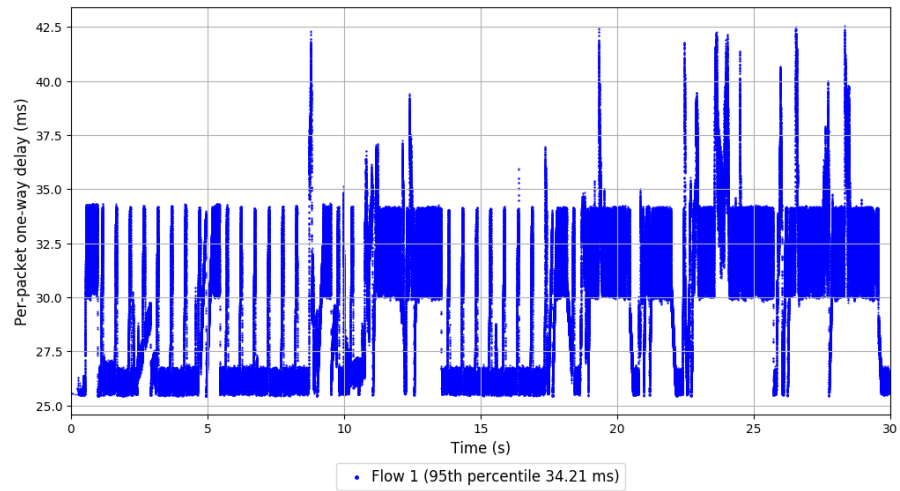
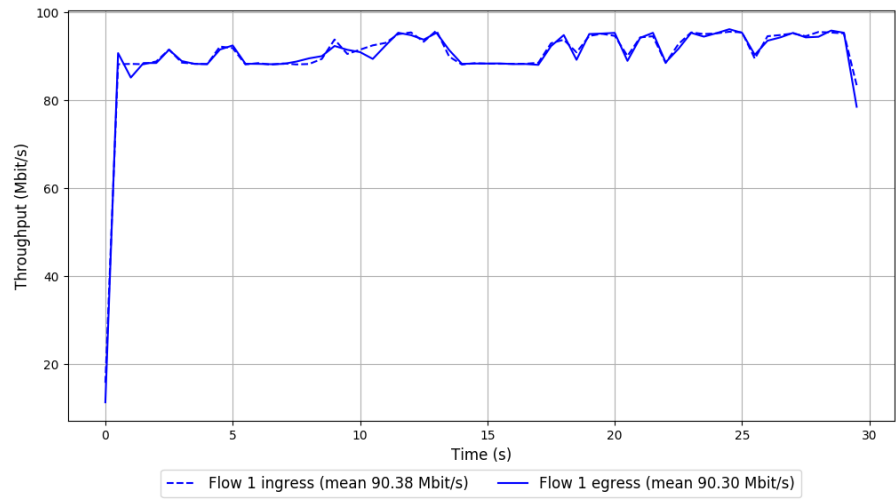


Run 10: Statistics of FillP

Start at: 2018-02-04 08:09:39
End at: 2018-02-04 08:10:09
Local clock offset: 1.05 ms
Remote clock offset: -1.299 ms

Below is generated by plot.py at 2018-02-04 12:30:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.30 Mbit/s
95th percentile per-packet one-way delay: 34.210 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 90.30 Mbit/s
95th percentile per-packet one-way delay: 34.210 ms
Loss rate: 0.26%

Run 10: Report of FillP — Data Link

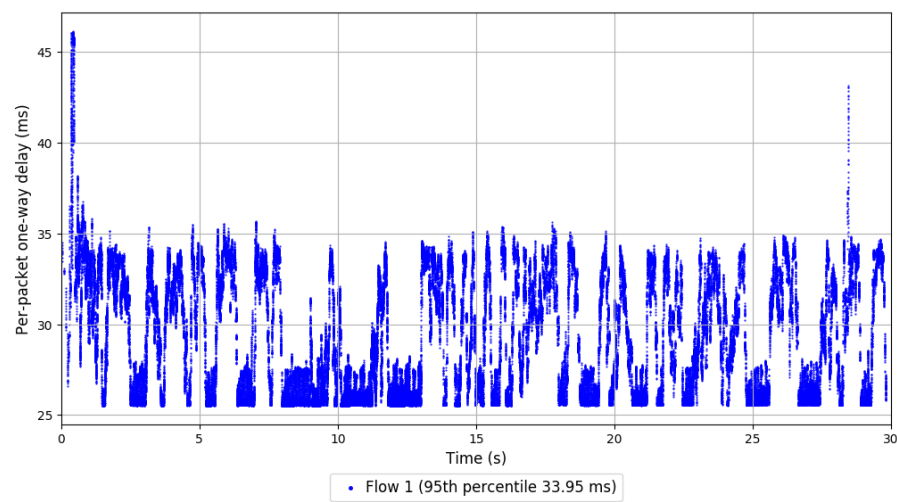
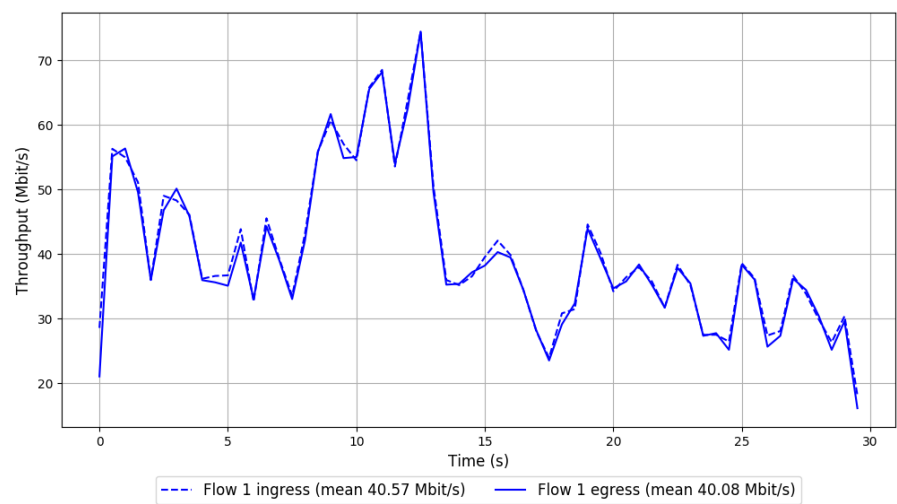


```
Run 1: Statistics of Indigo-1-32

Start at: 2018-02-04 04:23:38
End at: 2018-02-04 04:24:08
Local clock offset: 0.477 ms
Remote clock offset: 0.139 ms

# Below is generated by plot.py at 2018-02-04 12:30:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 40.08 Mbit/s
95th percentile per-packet one-way delay: 33.948 ms
Loss rate: 1.41%
-- Flow 1:
Average throughput: 40.08 Mbit/s
95th percentile per-packet one-way delay: 33.948 ms
Loss rate: 1.41%
```

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



Run 2: Statistics of Indigo-1-32

Start at: 2018-02-04 04:49:25

End at: 2018-02-04 04:49:55

Local clock offset: 0.619 ms

Remote clock offset: 1.553 ms

Below is generated by plot.py at 2018-02-04 12:30:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 57.71 Mbit/s

95th percentile per-packet one-way delay: 32.036 ms

Loss rate: 1.09%

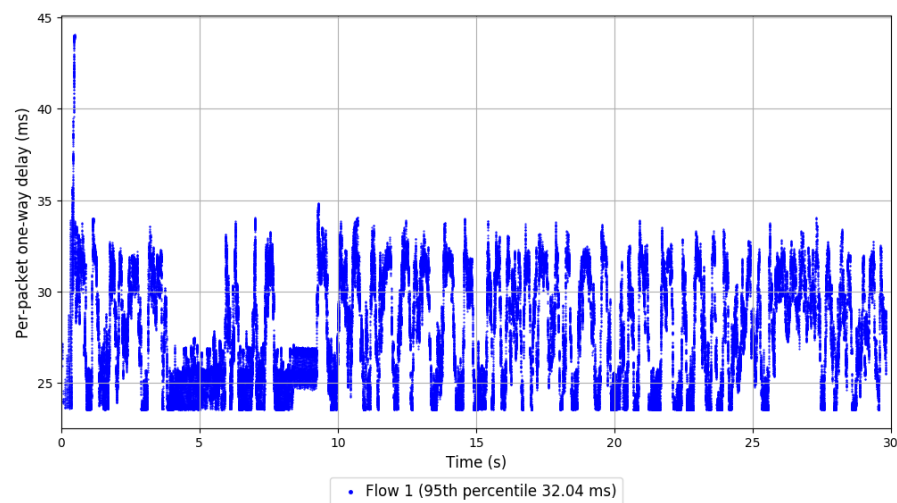
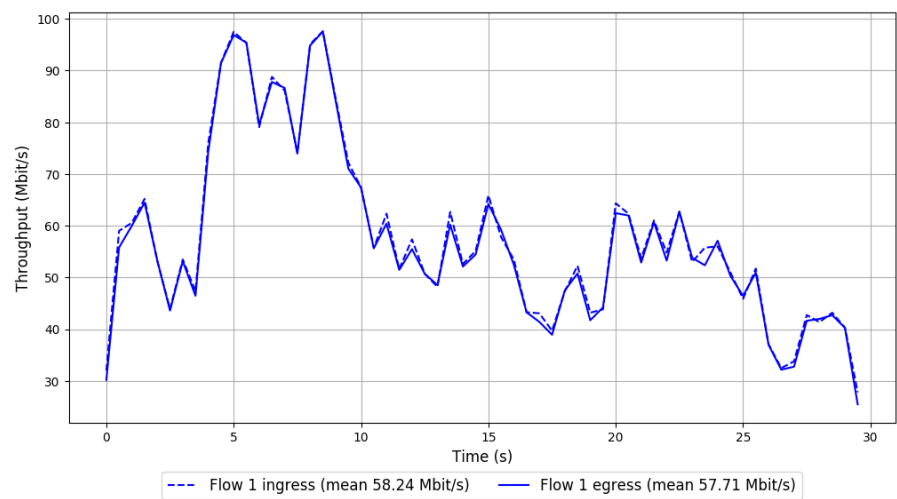
-- Flow 1:

Average throughput: 57.71 Mbit/s

95th percentile per-packet one-way delay: 32.036 ms

Loss rate: 1.09%

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



Run 3: Statistics of Indigo-1-32

Start at: 2018-02-04 05:14:21

End at: 2018-02-04 05:14:51

Local clock offset: 0.478 ms

Remote clock offset: 0.916 ms

Below is generated by plot.py at 2018-02-04 12:30:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.99 Mbit/s

95th percentile per-packet one-way delay: 31.980 ms

Loss rate: 0.88%

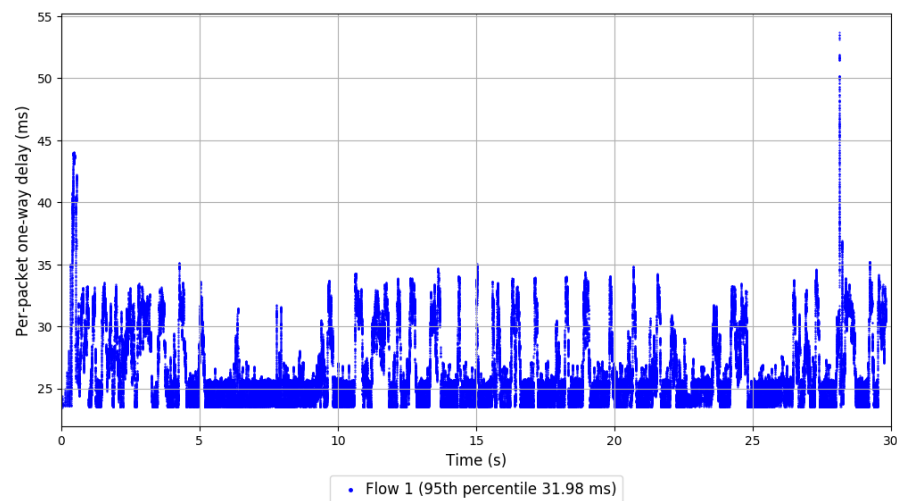
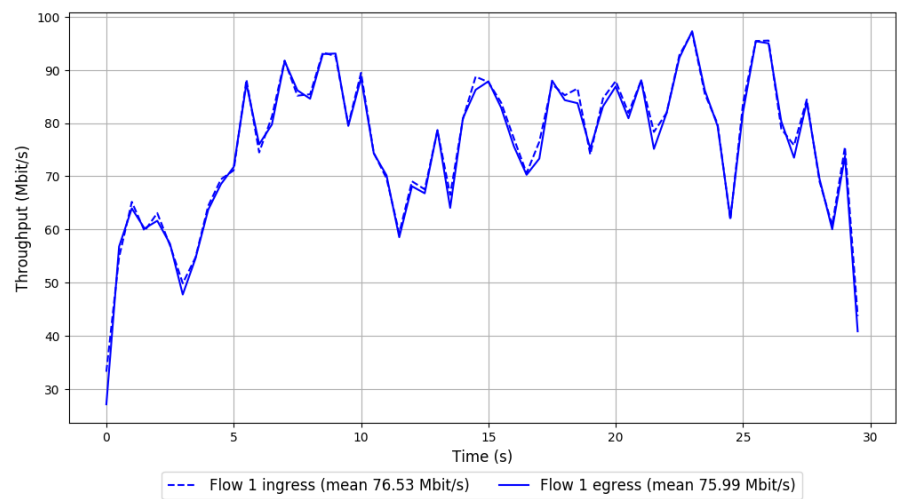
-- Flow 1:

Average throughput: 75.99 Mbit/s

95th percentile per-packet one-way delay: 31.980 ms

Loss rate: 0.88%

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



Run 4: Statistics of Indigo-1-32

Start at: 2018-02-04 05:39:54

End at: 2018-02-04 05:40:24

Local clock offset: 0.46 ms

Remote clock offset: 0.215 ms

Below is generated by plot.py at 2018-02-04 12:30:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 74.25 Mbit/s

95th percentile per-packet one-way delay: 31.608 ms

Loss rate: 0.54%

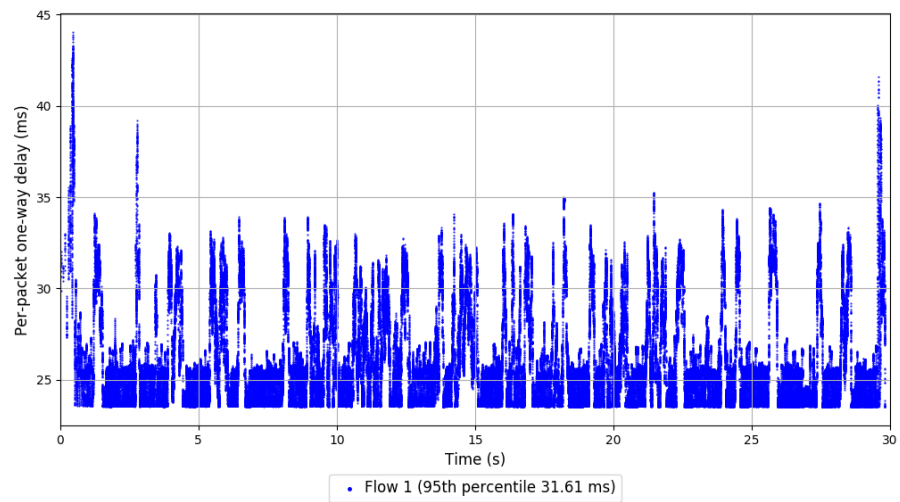
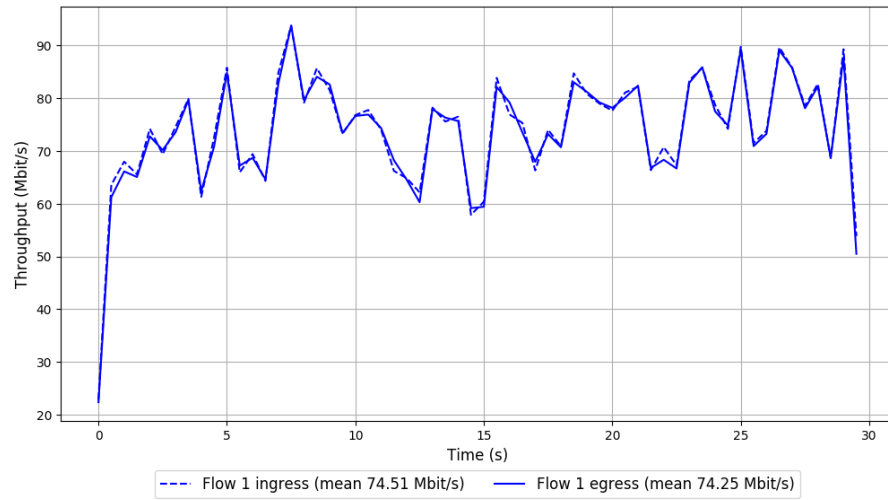
-- Flow 1:

Average throughput: 74.25 Mbit/s

95th percentile per-packet one-way delay: 31.608 ms

Loss rate: 0.54%

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



Run 5: Statistics of Indigo-1-32

Start at: 2018-02-04 06:04:16

End at: 2018-02-04 06:04:46

Local clock offset: 0.309 ms

Remote clock offset: 0.208 ms

Below is generated by plot.py at 2018-02-04 12:30:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 62.88 Mbit/s

95th percentile per-packet one-way delay: 31.215 ms

Loss rate: 0.60%

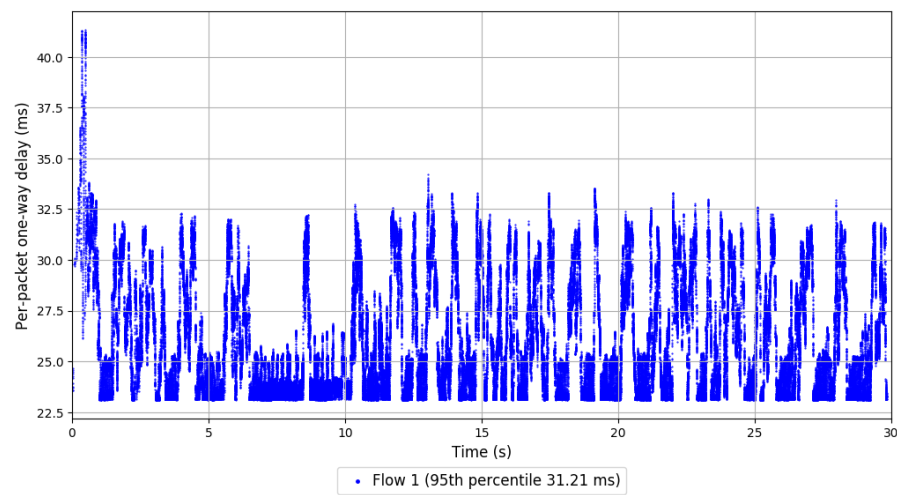
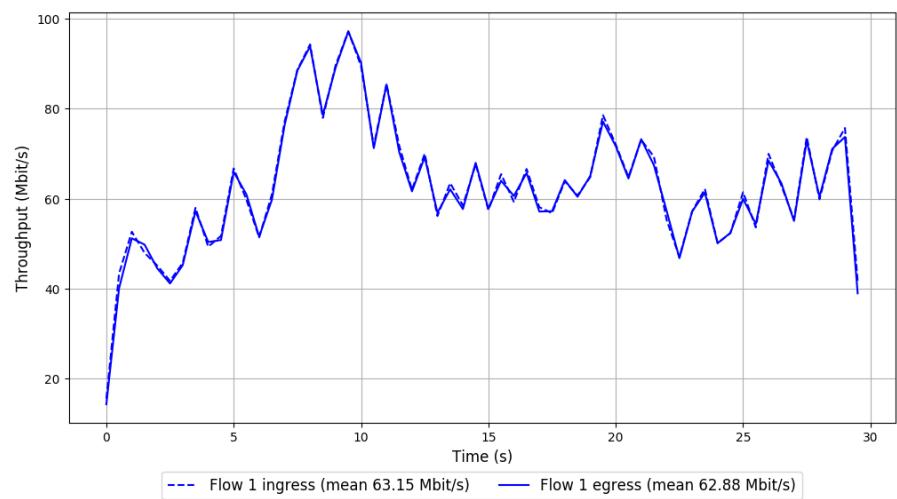
-- Flow 1:

Average throughput: 62.88 Mbit/s

95th percentile per-packet one-way delay: 31.215 ms

Loss rate: 0.60%

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



Run 6: Statistics of Indigo-1-32

Start at: 2018-02-04 06:29:07

End at: 2018-02-04 06:29:37

Local clock offset: 0.382 ms

Remote clock offset: -2.191 ms

Below is generated by plot.py at 2018-02-04 12:30:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.72 Mbit/s

95th percentile per-packet one-way delay: 34.184 ms

Loss rate: 0.58%

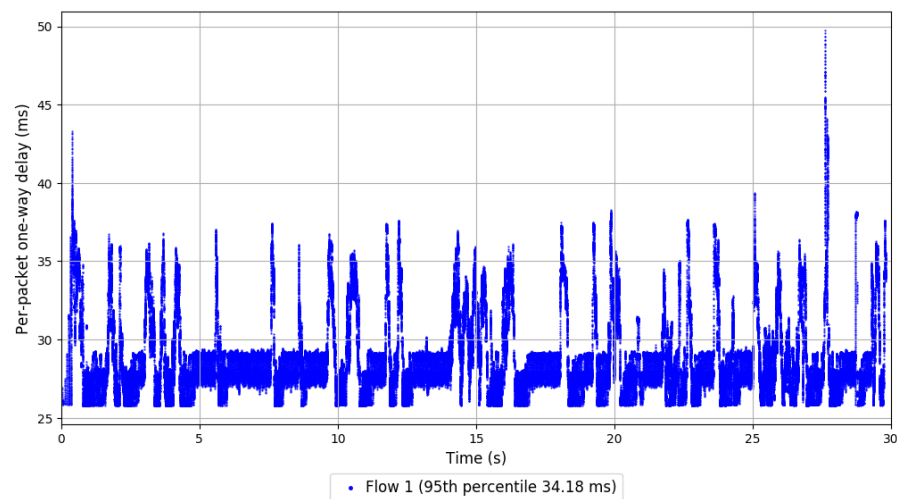
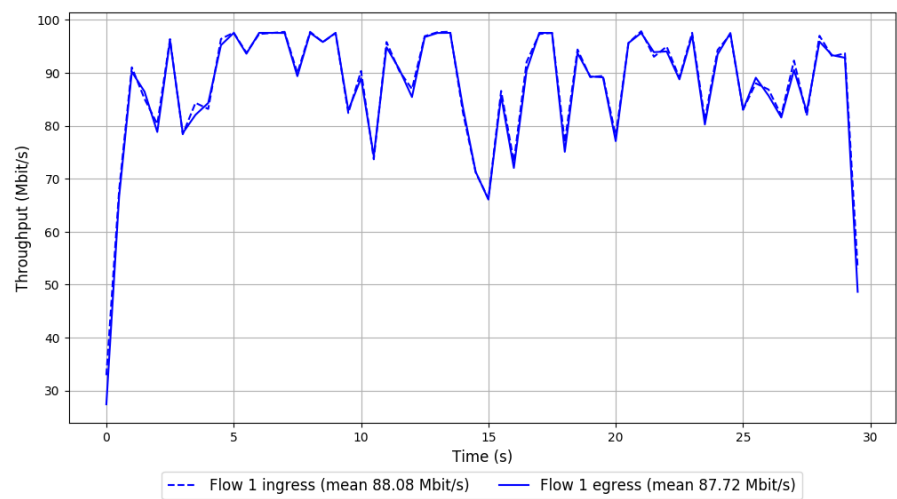
-- Flow 1:

Average throughput: 87.72 Mbit/s

95th percentile per-packet one-way delay: 34.184 ms

Loss rate: 0.58%

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

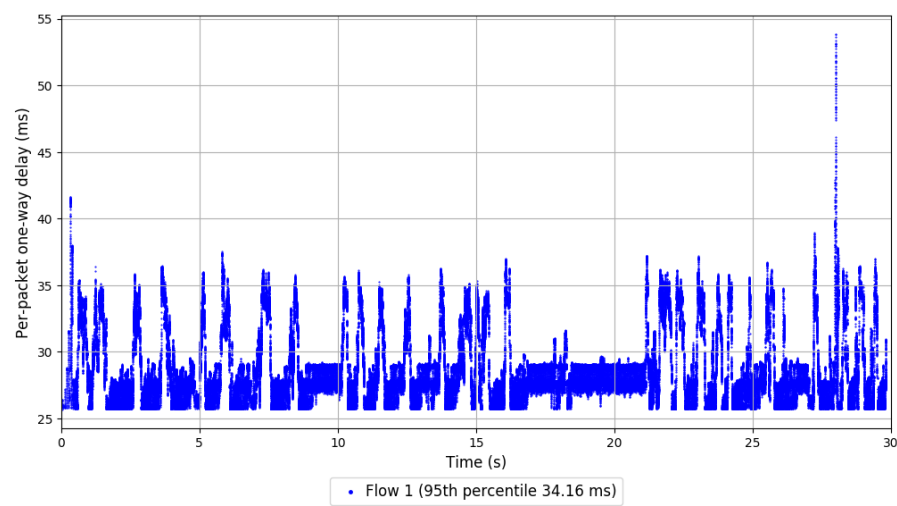
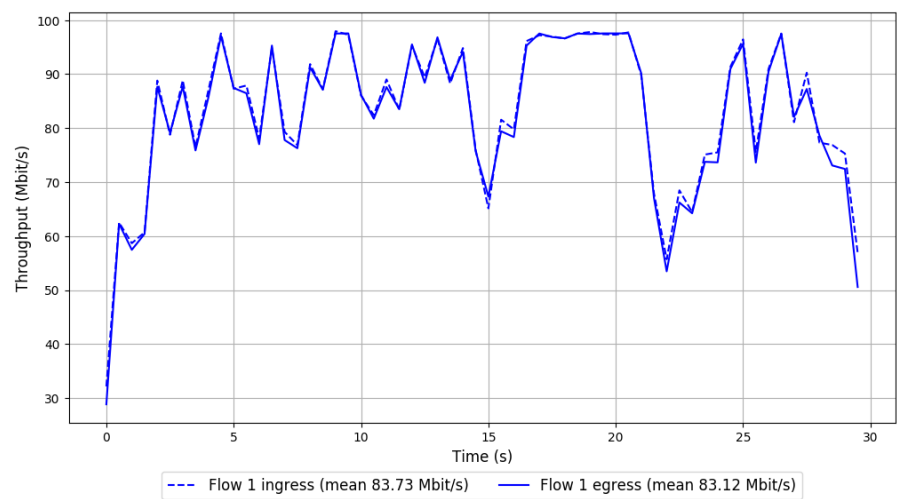


Run 7: Statistics of Indigo-1-32

Start at: 2018-02-04 06:53:40
End at: 2018-02-04 06:54:10
Local clock offset: 0.533 ms
Remote clock offset: -0.774 ms

Below is generated by plot.py at 2018-02-04 12:30:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.12 Mbit/s
95th percentile per-packet one-way delay: 34.156 ms
Loss rate: 0.90%
-- Flow 1:
Average throughput: 83.12 Mbit/s
95th percentile per-packet one-way delay: 34.156 ms
Loss rate: 0.90%

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



Run 8: Statistics of Indigo-1-32

Start at: 2018-02-04 07:18:16

End at: 2018-02-04 07:18:46

Local clock offset: 0.673 ms

Remote clock offset: 0.179 ms

Below is generated by plot.py at 2018-02-04 12:30:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.59 Mbit/s

95th percentile per-packet one-way delay: 33.598 ms

Loss rate: 0.41%

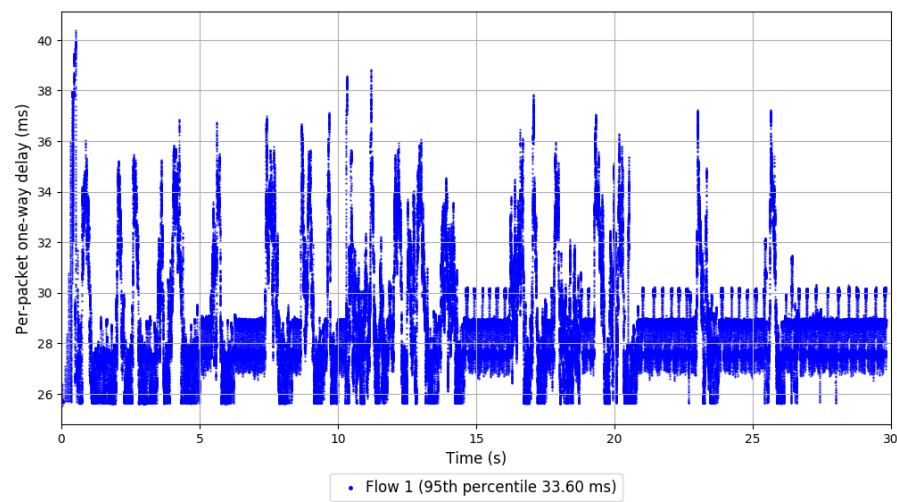
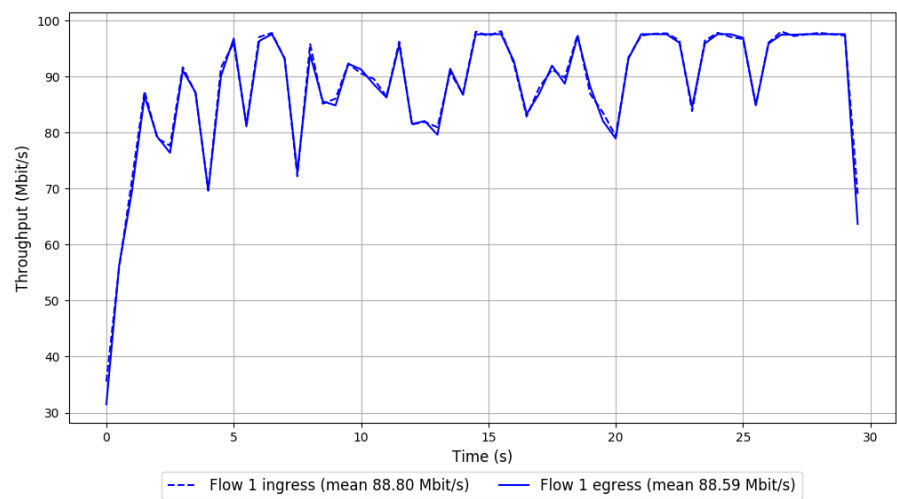
-- Flow 1:

Average throughput: 88.59 Mbit/s

95th percentile per-packet one-way delay: 33.598 ms

Loss rate: 0.41%

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



Run 9: Statistics of Indigo-1-32

Start at: 2018-02-04 07:42:30

End at: 2018-02-04 07:43:00

Local clock offset: 0.761 ms

Remote clock offset: 0.317 ms

Below is generated by plot.py at 2018-02-04 12:31:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.07 Mbit/s

95th percentile per-packet one-way delay: 33.165 ms

Loss rate: 0.31%

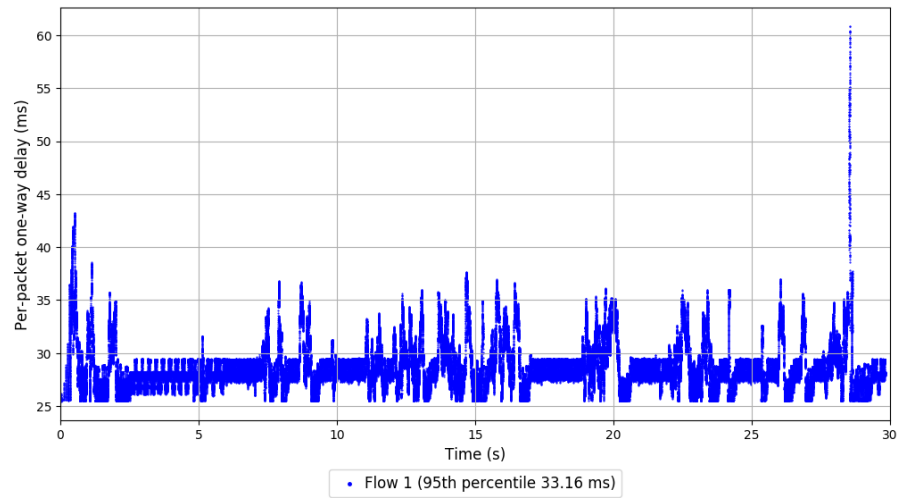
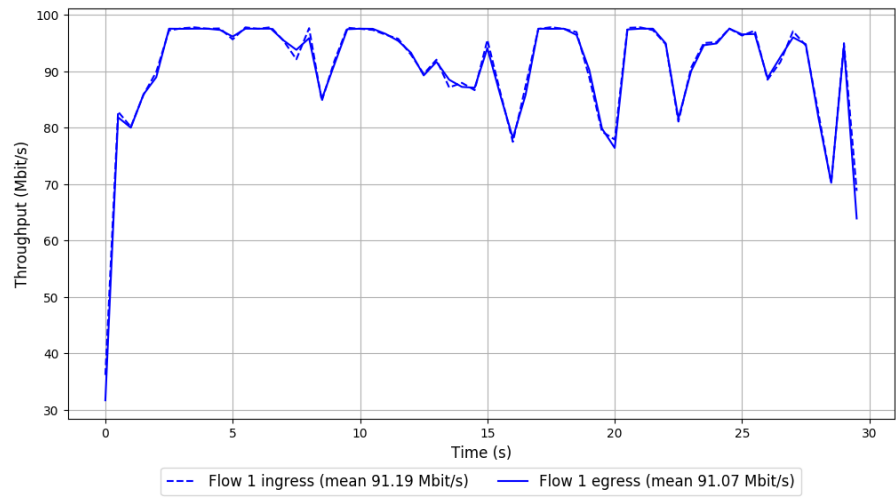
-- Flow 1:

Average throughput: 91.07 Mbit/s

95th percentile per-packet one-way delay: 33.165 ms

Loss rate: 0.31%

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



Run 10: Statistics of Indigo-1-32

Start at: 2018-02-04 08:06:47

End at: 2018-02-04 08:07:17

Local clock offset: 1.043 ms

Remote clock offset: 0.951 ms

Below is generated by plot.py at 2018-02-04 12:31:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.79 Mbit/s

95th percentile per-packet one-way delay: 27.902 ms

Loss rate: 0.19%

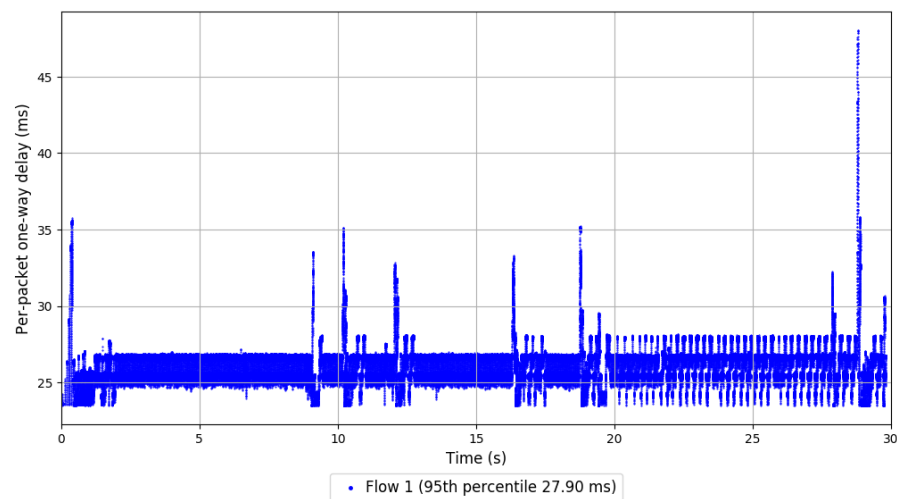
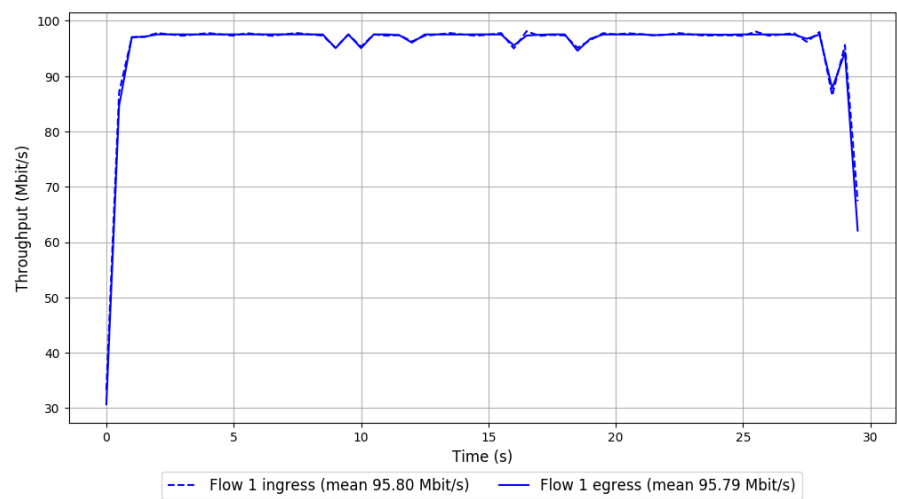
-- Flow 1:

Average throughput: 95.79 Mbit/s

95th percentile per-packet one-way delay: 27.902 ms

Loss rate: 0.19%

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



Run 1: Statistics of Vivace-latency

Start at: 2018-02-04 04:04:25

End at: 2018-02-04 04:04:55

Local clock offset: 0.389 ms

Remote clock offset: -0.8 ms

Below is generated by plot.py at 2018-02-04 12:31:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 61.56 Mbit/s

95th percentile per-packet one-way delay: 33.792 ms

Loss rate: 0.96%

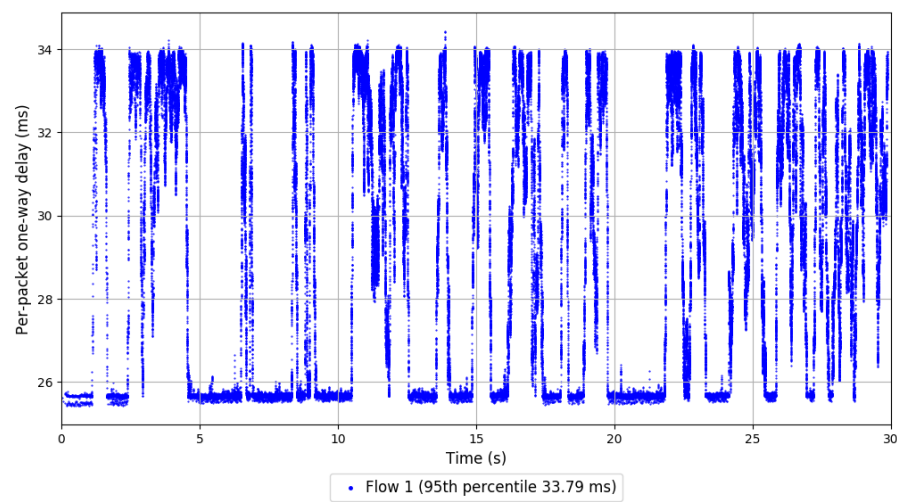
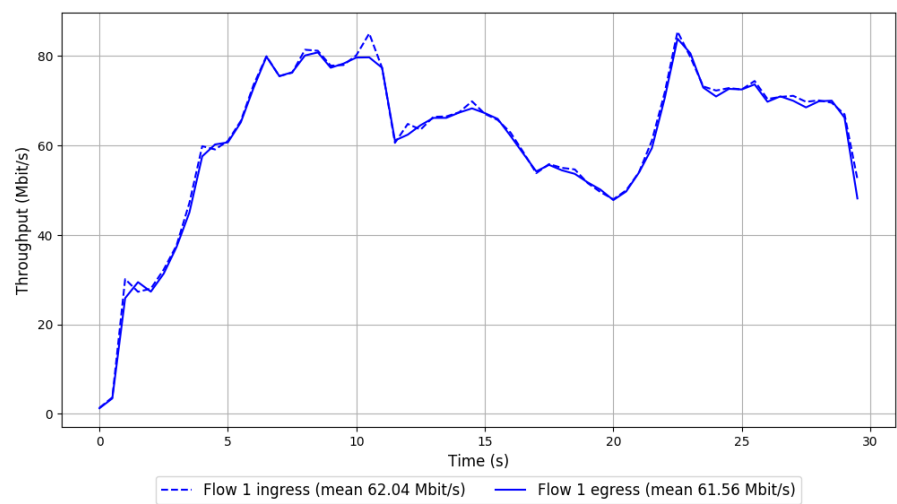
-- Flow 1:

Average throughput: 61.56 Mbit/s

95th percentile per-packet one-way delay: 33.792 ms

Loss rate: 0.96%

Run 1: Report of Vivace-latency — Data Link



Run 2: Statistics of Vivace-latency

Start at: 2018-02-04 04:31:10

End at: 2018-02-04 04:31:40

Local clock offset: 0.45 ms

Remote clock offset: 2.495 ms

Below is generated by plot.py at 2018-02-04 12:31:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 45.76 Mbit/s

95th percentile per-packet one-way delay: 34.351 ms

Loss rate: 1.62%

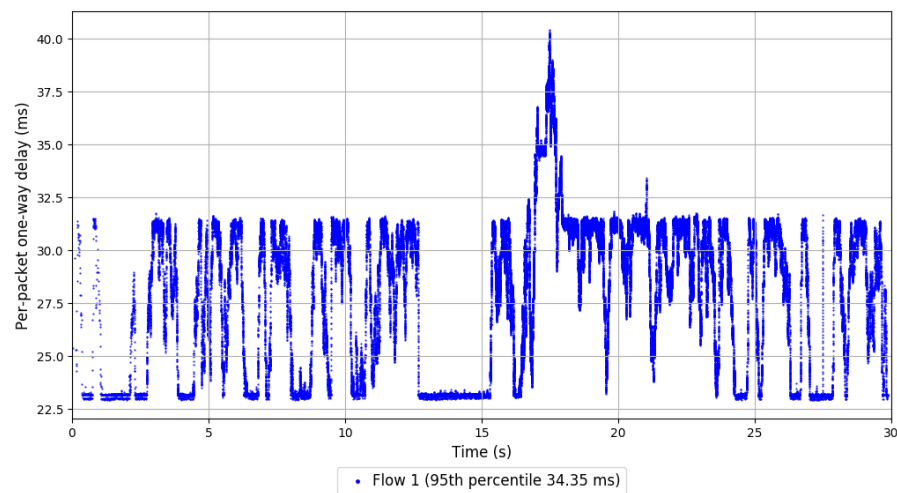
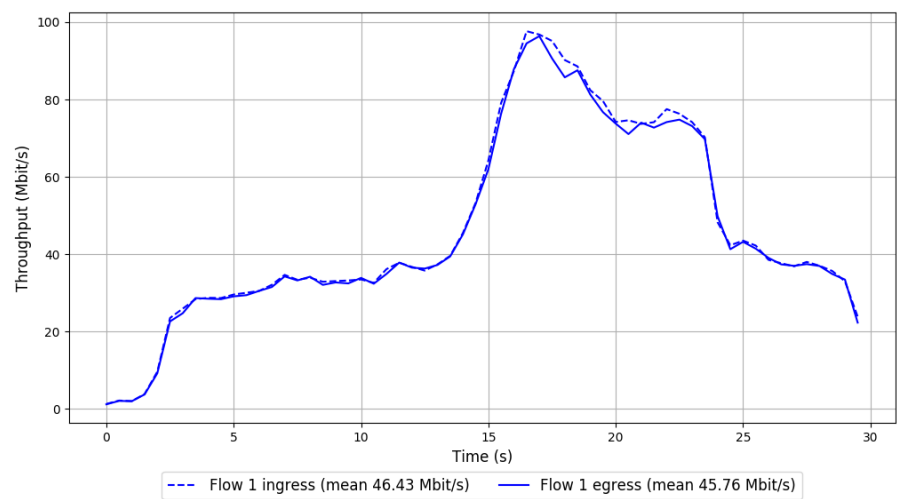
-- Flow 1:

Average throughput: 45.76 Mbit/s

95th percentile per-packet one-way delay: 34.351 ms

Loss rate: 1.62%

Run 2: Report of Vivace-latency — Data Link



Run 3: Statistics of Vivace-latency

Start at: 2018-02-04 04:56:44

End at: 2018-02-04 04:57:14

Local clock offset: 0.523 ms

Remote clock offset: 1.484 ms

Below is generated by plot.py at 2018-02-04 12:31:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 37.01 Mbit/s

95th percentile per-packet one-way delay: 31.430 ms

Loss rate: 0.97%

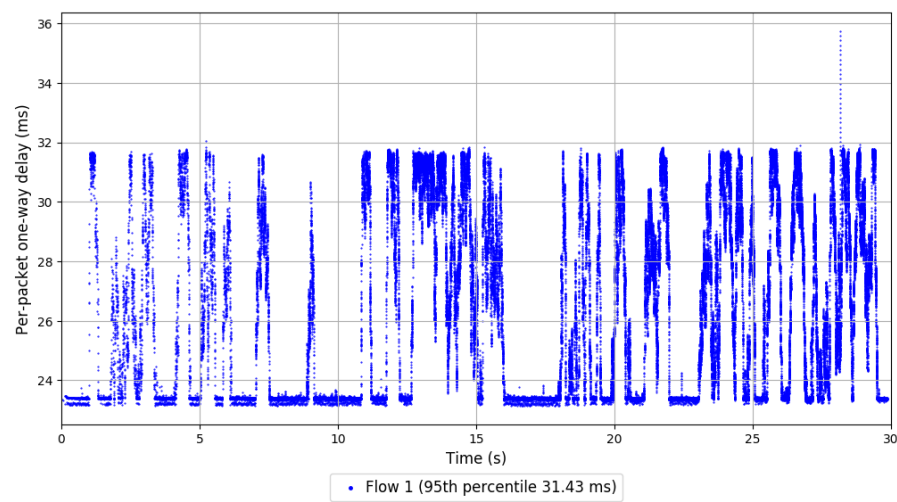
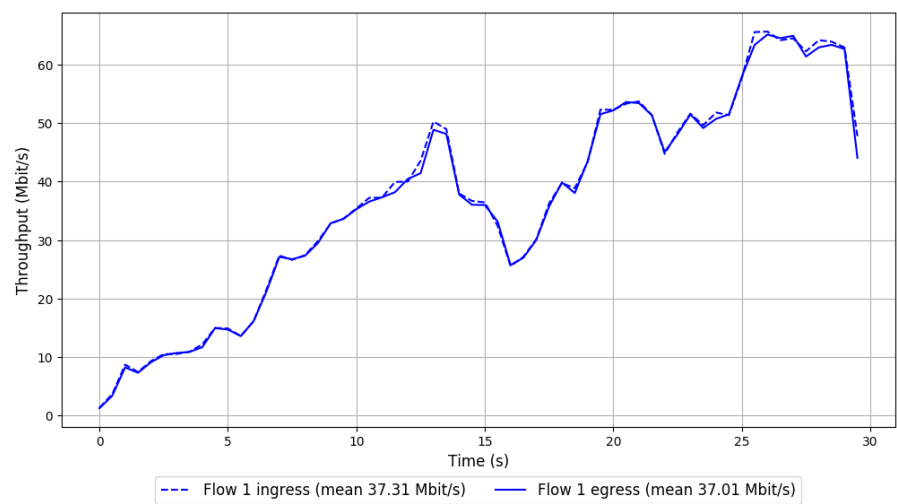
-- Flow 1:

Average throughput: 37.01 Mbit/s

95th percentile per-packet one-way delay: 31.430 ms

Loss rate: 0.97%

Run 3: Report of Vivace-latency — Data Link



Run 4: Statistics of Vivace-latency

Start at: 2018-02-04 05:21:29

End at: 2018-02-04 05:21:59

Local clock offset: 0.455 ms

Remote clock offset: 0.869 ms

Below is generated by plot.py at 2018-02-04 12:31:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.46 Mbit/s

95th percentile per-packet one-way delay: 31.669 ms

Loss rate: 1.03%

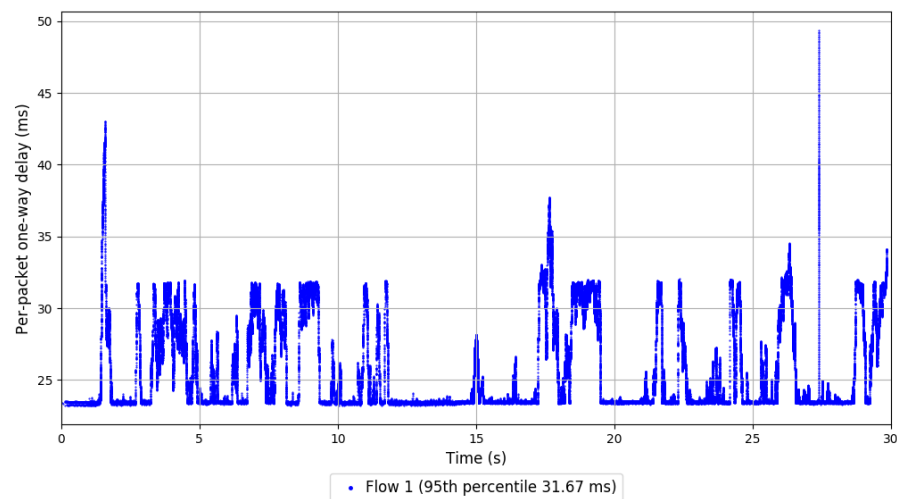
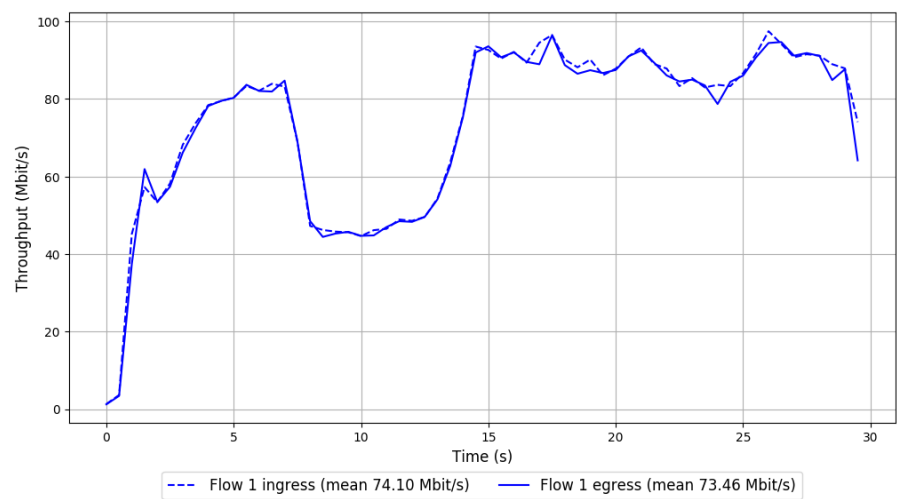
-- Flow 1:

Average throughput: 73.46 Mbit/s

95th percentile per-packet one-way delay: 31.669 ms

Loss rate: 1.03%

Run 4: Report of Vivace-latency — Data Link

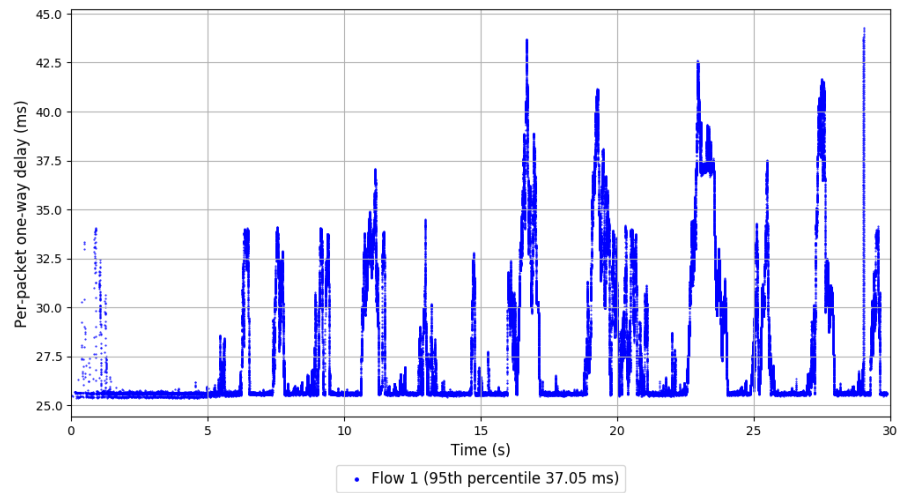
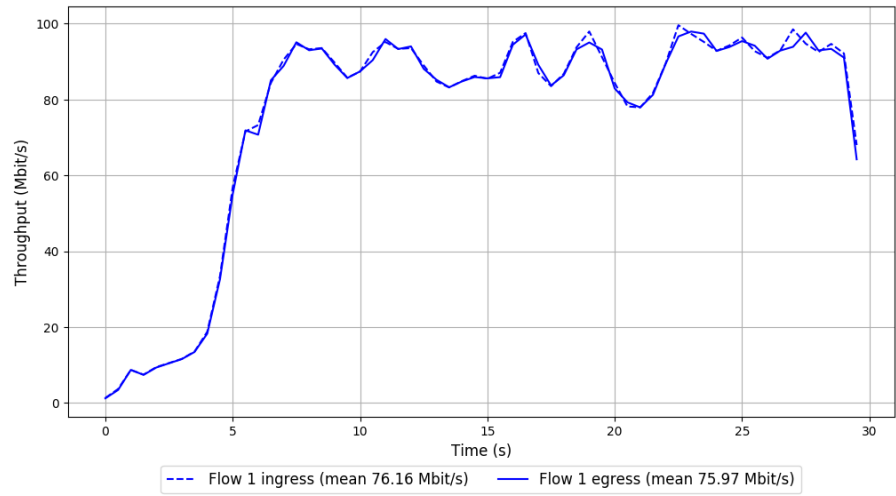


Run 5: Statistics of Vivace-latency

Start at: 2018-02-04 05:46:41
End at: 2018-02-04 05:47:11
Local clock offset: 0.407 ms
Remote clock offset: -2.197 ms

Below is generated by plot.py at 2018-02-04 12:32:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 75.97 Mbit/s
95th percentile per-packet one-way delay: 37.051 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 75.97 Mbit/s
95th percentile per-packet one-way delay: 37.051 ms
Loss rate: 0.43%

Run 5: Report of Vivace-latency — Data Link

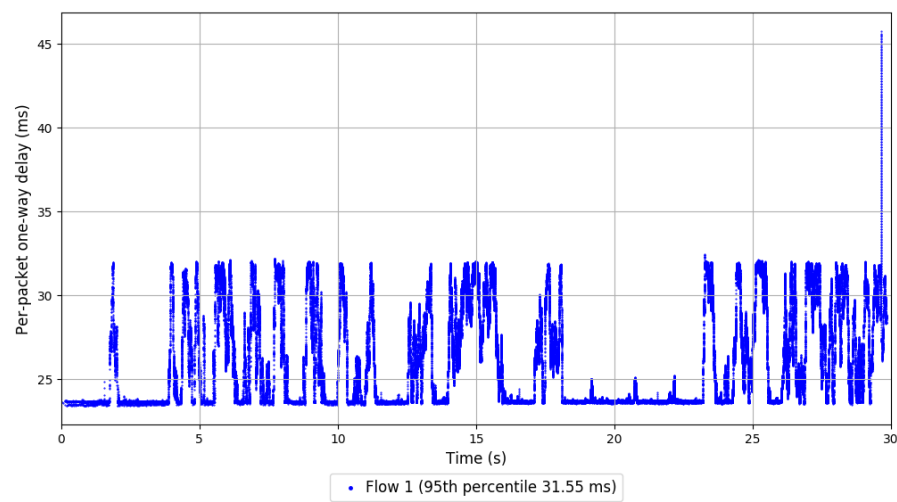
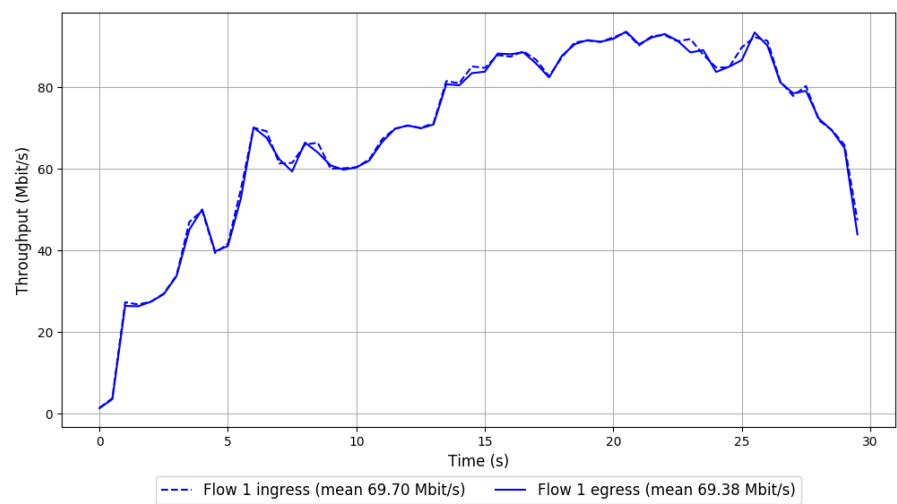


Run 6: Statistics of Vivace-latency

Start at: 2018-02-04 06:11:18
End at: 2018-02-04 06:11:48
Local clock offset: 0.233 ms
Remote clock offset: -0.404 ms

Below is generated by plot.py at 2018-02-04 12:32:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 69.38 Mbit/s
95th percentile per-packet one-way delay: 31.550 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 69.38 Mbit/s
95th percentile per-packet one-way delay: 31.550 ms
Loss rate: 0.64%

Run 6: Report of Vivace-latency — Data Link

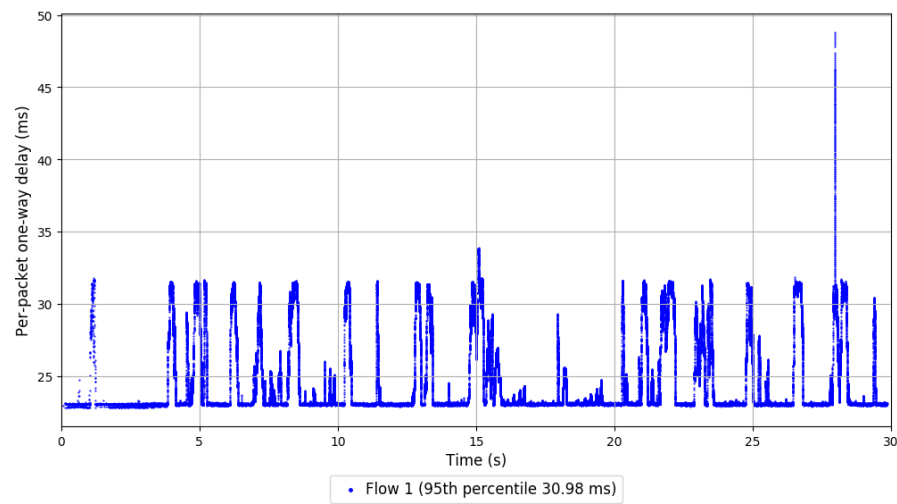
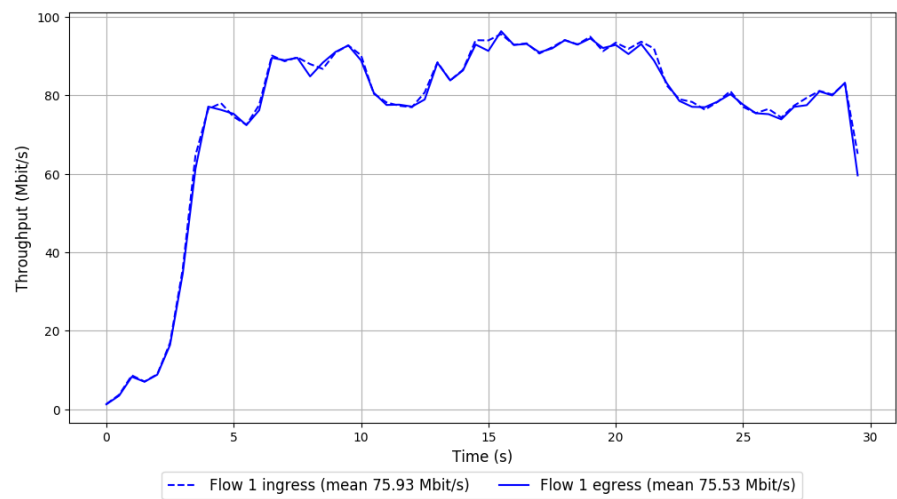


Run 7: Statistics of Vivace-latency

Start at: 2018-02-04 06:35:58
End at: 2018-02-04 06:36:28
Local clock offset: 0.333 ms
Remote clock offset: 0.84 ms

Below is generated by plot.py at 2018-02-04 12:32:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 75.53 Mbit/s
95th percentile per-packet one-way delay: 30.976 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 75.53 Mbit/s
95th percentile per-packet one-way delay: 30.976 ms
Loss rate: 0.70%

Run 7: Report of Vivace-latency — Data Link



Run 8: Statistics of Vivace-latency

Start at: 2018-02-04 07:00:31

End at: 2018-02-04 07:01:02

Local clock offset: 0.631 ms

Remote clock offset: 1.594 ms

Below is generated by plot.py at 2018-02-04 12:32:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 54.94 Mbit/s

95th percentile per-packet one-way delay: 31.874 ms

Loss rate: 0.93%

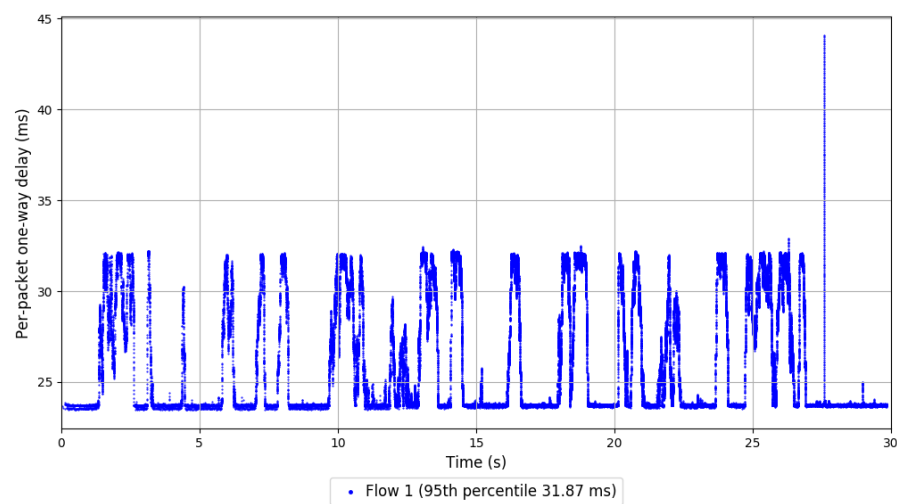
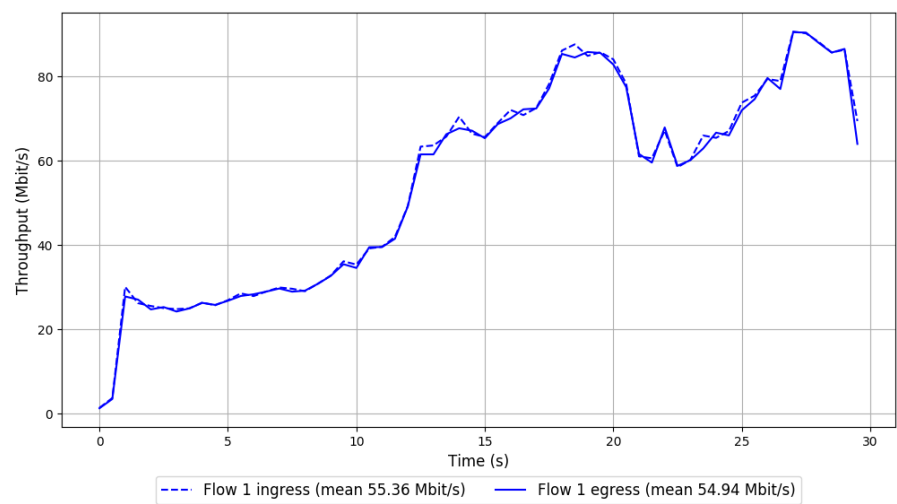
-- Flow 1:

Average throughput: 54.94 Mbit/s

95th percentile per-packet one-way delay: 31.874 ms

Loss rate: 0.93%

Run 8: Report of Vivace-latency — Data Link



Run 9: Statistics of Vivace-latency

Start at: 2018-02-04 07:25:07

End at: 2018-02-04 07:25:38

Local clock offset: 0.781 ms

Remote clock offset: 2.476 ms

Below is generated by plot.py at 2018-02-04 12:32:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.62 Mbit/s

95th percentile per-packet one-way delay: 31.692 ms

Loss rate: 0.47%

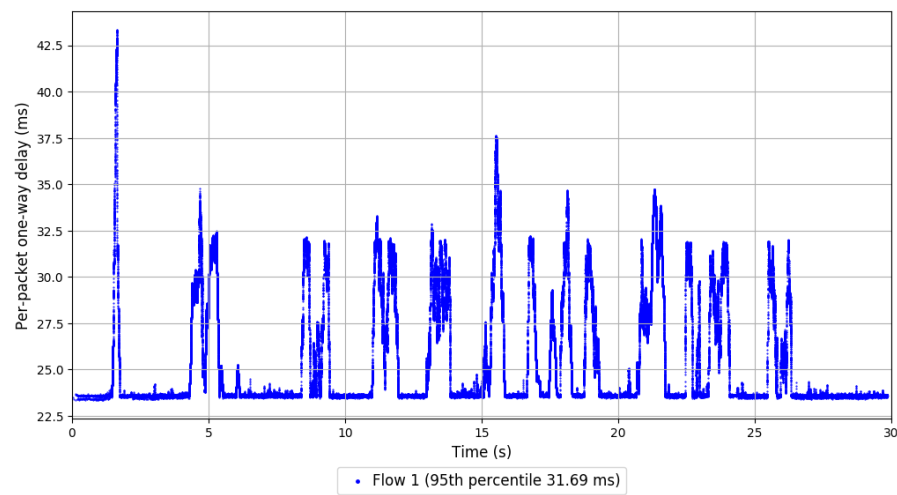
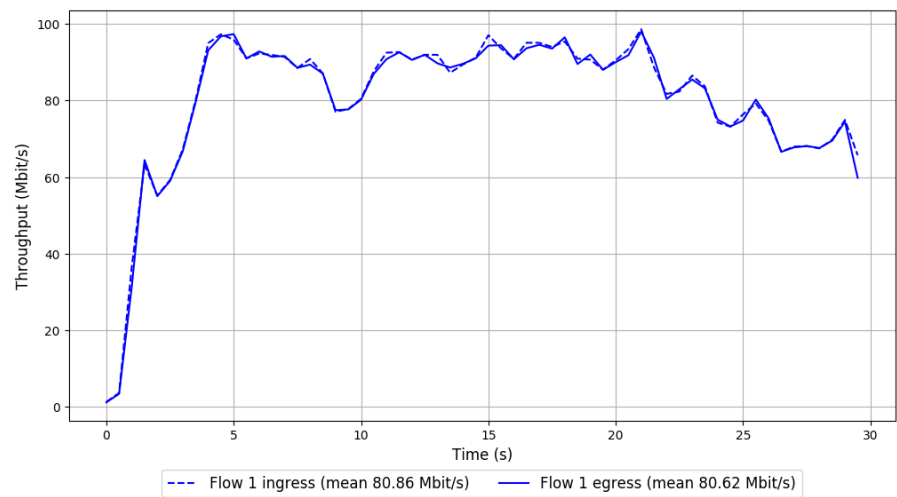
-- Flow 1:

Average throughput: 80.62 Mbit/s

95th percentile per-packet one-way delay: 31.692 ms

Loss rate: 0.47%

Run 9: Report of Vivace-latency — Data Link



Run 10: Statistics of Vivace-latency

Start at: 2018-02-04 07:49:14

End at: 2018-02-04 07:49:44

Local clock offset: 0.937 ms

Remote clock offset: 2.02 ms

Below is generated by plot.py at 2018-02-04 12:32:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.07 Mbit/s

95th percentile per-packet one-way delay: 35.105 ms

Loss rate: 0.53%

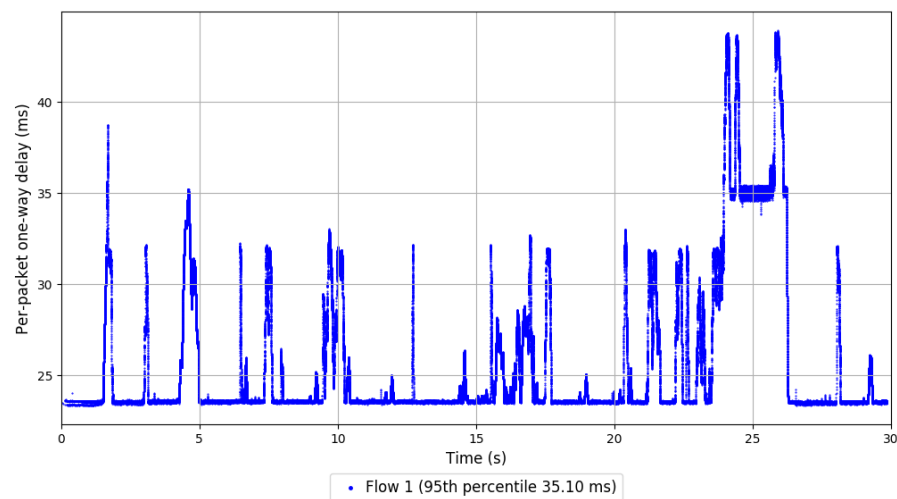
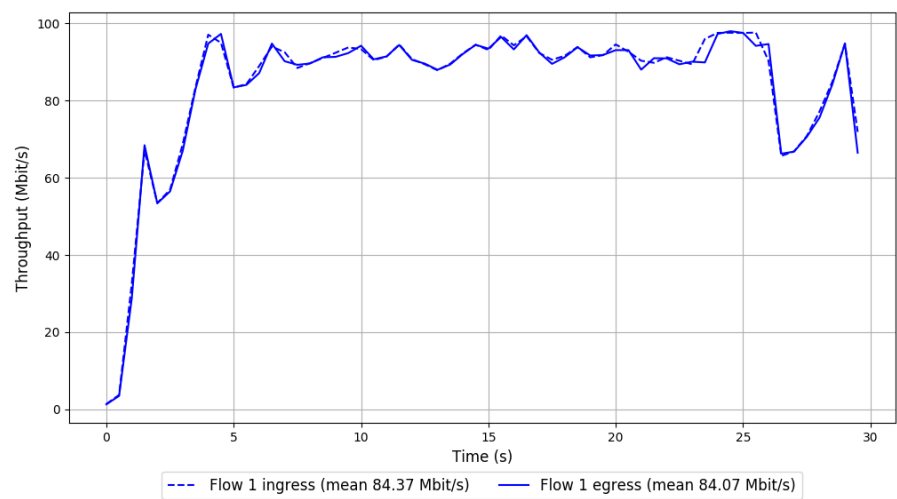
-- Flow 1:

Average throughput: 84.07 Mbit/s

95th percentile per-packet one-way delay: 35.105 ms

Loss rate: 0.53%

Run 10: Report of Vivace-latency — Data Link

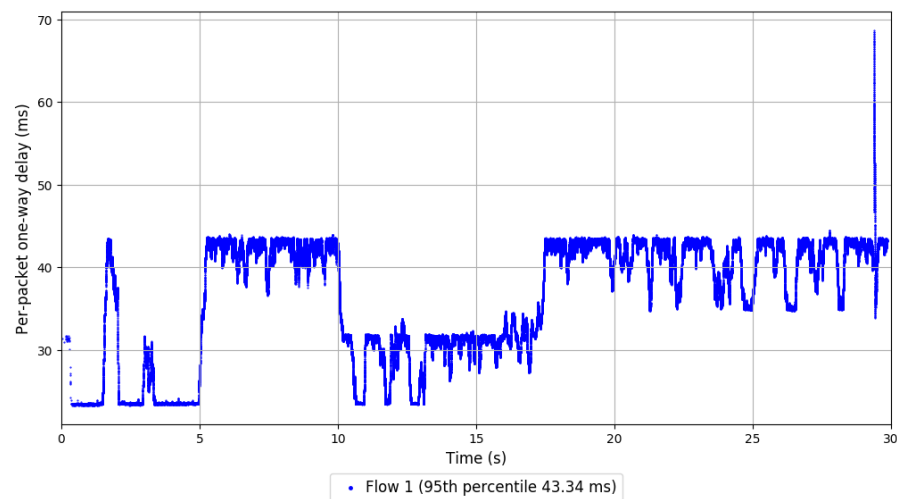
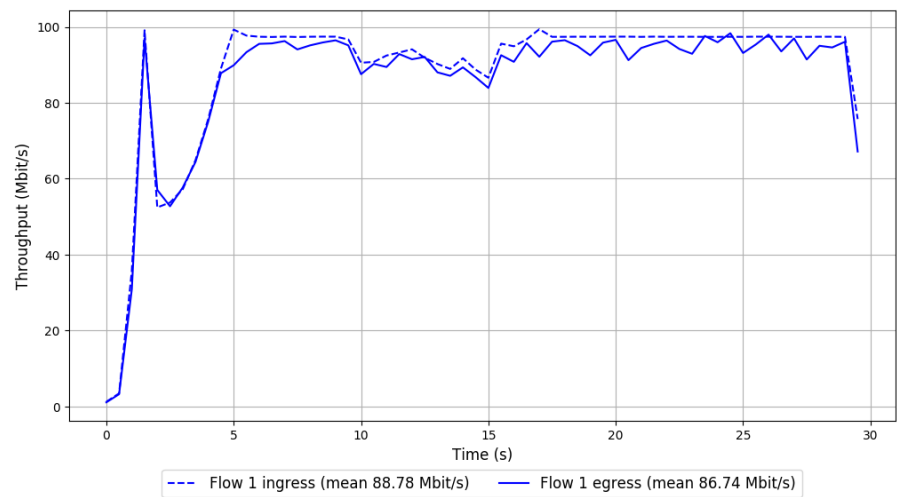


```
Run 1: Statistics of Vivace-loss

Start at: 2018-02-04 04:07:26
End at: 2018-02-04 04:07:56
Local clock offset: 0.393 ms
Remote clock offset: 1.44 ms

# Below is generated by plot.py at 2018-02-04 12:32:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.74 Mbit/s
95th percentile per-packet one-way delay: 43.338 ms
Loss rate: 2.50%
-- Flow 1:
Average throughput: 86.74 Mbit/s
95th percentile per-packet one-way delay: 43.338 ms
Loss rate: 2.50%
```

Run 1: Report of Vivace-loss — Data Link



Run 2: Statistics of Vivace-loss

Start at: 2018-02-04 04:34:11

End at: 2018-02-04 04:34:41

Local clock offset: 0.569 ms

Remote clock offset: 2.014 ms

Below is generated by plot.py at 2018-02-04 12:33:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.25 Mbit/s

95th percentile per-packet one-way delay: 43.421 ms

Loss rate: 1.80%

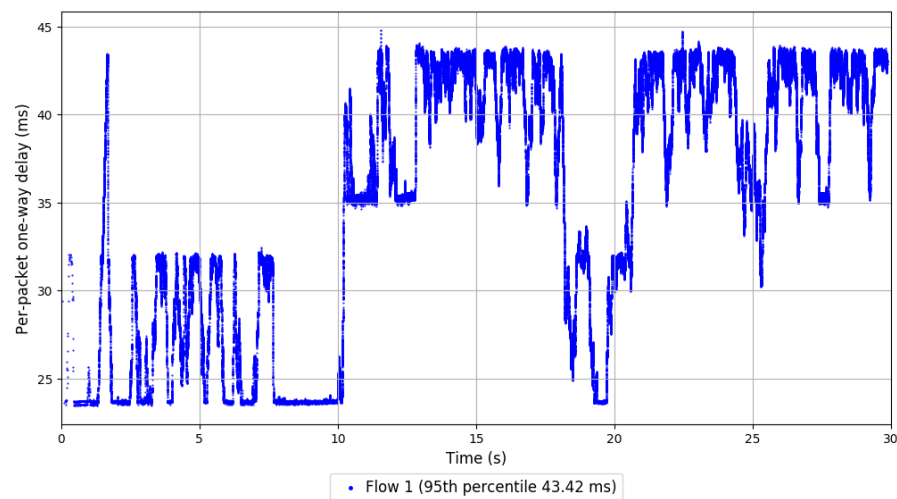
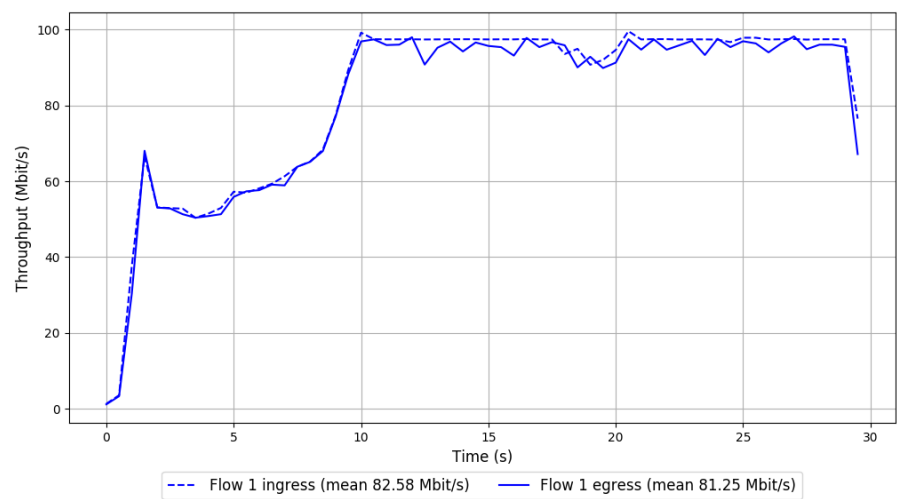
-- Flow 1:

Average throughput: 81.25 Mbit/s

95th percentile per-packet one-way delay: 43.421 ms

Loss rate: 1.80%

Run 2: Report of Vivace-loss — Data Link

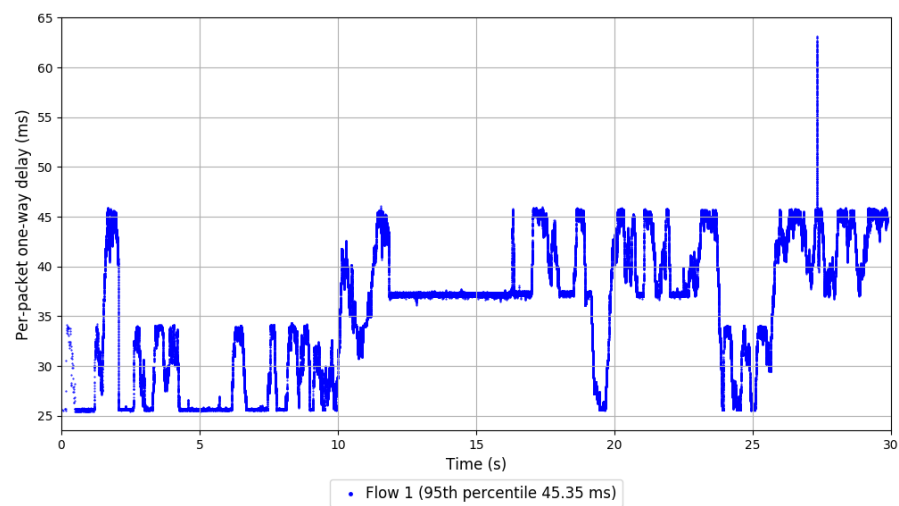
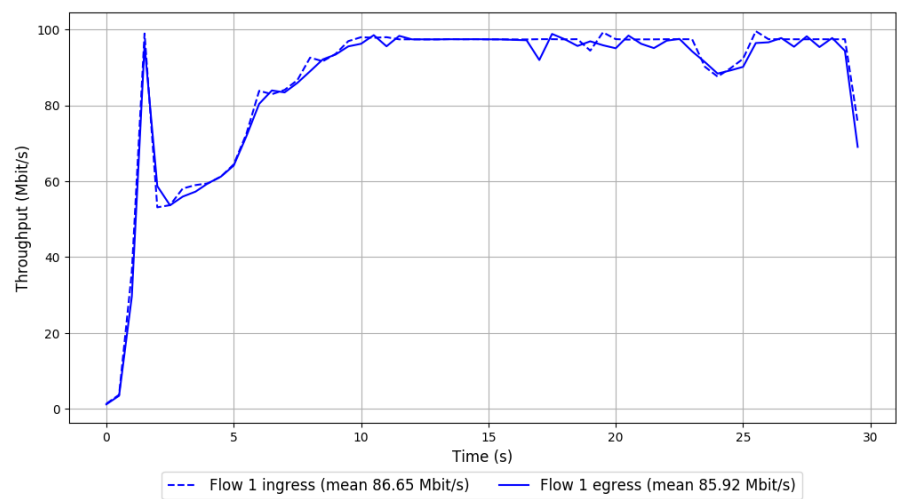


Run 3: Statistics of Vivace-loss

Start at: 2018-02-04 04:59:29
End at: 2018-02-04 04:59:59
Local clock offset: 0.628 ms
Remote clock offset: -0.687 ms

Below is generated by plot.py at 2018-02-04 12:33:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 85.92 Mbit/s
95th percentile per-packet one-way delay: 45.350 ms
Loss rate: 1.01%
-- Flow 1:
Average throughput: 85.92 Mbit/s
95th percentile per-packet one-way delay: 45.350 ms
Loss rate: 1.01%

Run 3: Report of Vivace-loss — Data Link



Run 4: Statistics of Vivace-loss

Start at: 2018-02-04 05:24:20

End at: 2018-02-04 05:24:50

Local clock offset: 0.44 ms

Remote clock offset: 1.109 ms

Below is generated by plot.py at 2018-02-04 12:33:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.66 Mbit/s

95th percentile per-packet one-way delay: 42.728 ms

Loss rate: 1.90%

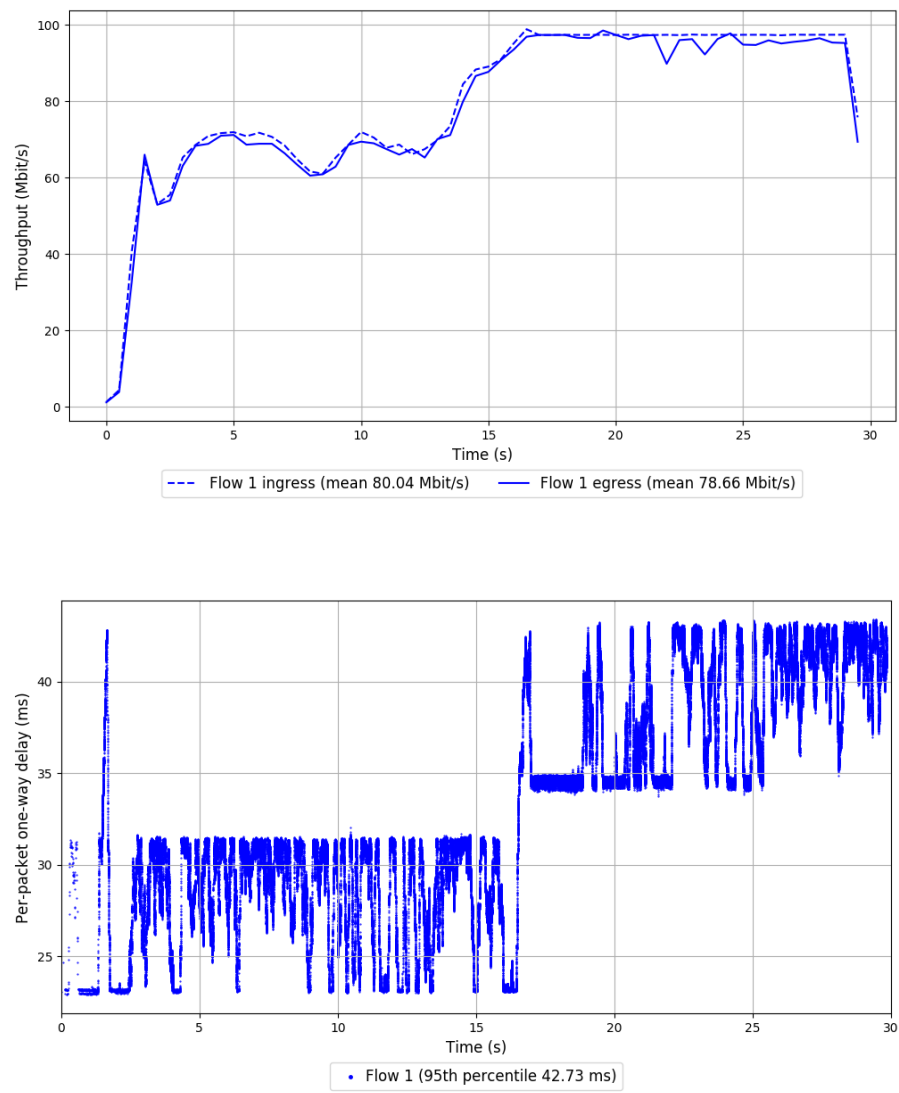
-- Flow 1:

Average throughput: 78.66 Mbit/s

95th percentile per-packet one-way delay: 42.728 ms

Loss rate: 1.90%

Run 4: Report of Vivace-loss — Data Link



Run 5: Statistics of Vivace-loss

Start at: 2018-02-04 05:49:26

End at: 2018-02-04 05:49:56

Local clock offset: 0.353 ms

Remote clock offset: -0.126 ms

Below is generated by plot.py at 2018-02-04 12:33:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.39 Mbit/s

95th percentile per-packet one-way delay: 41.418 ms

Loss rate: 0.46%

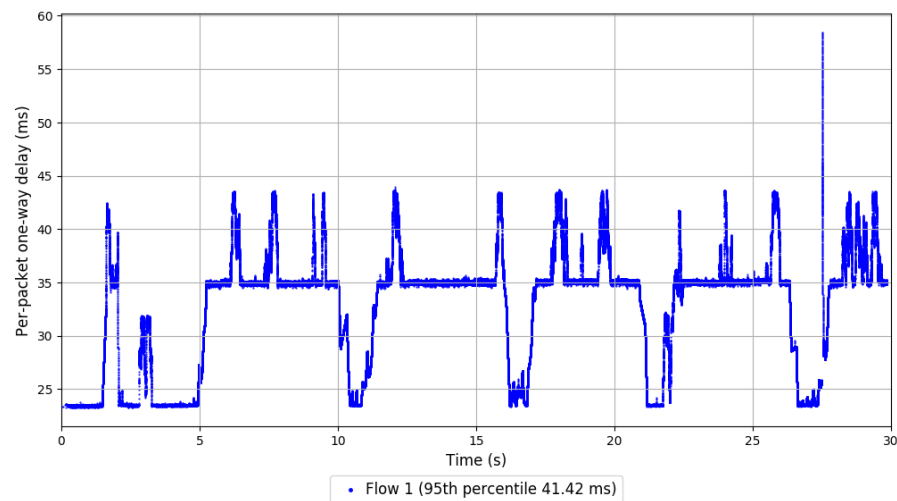
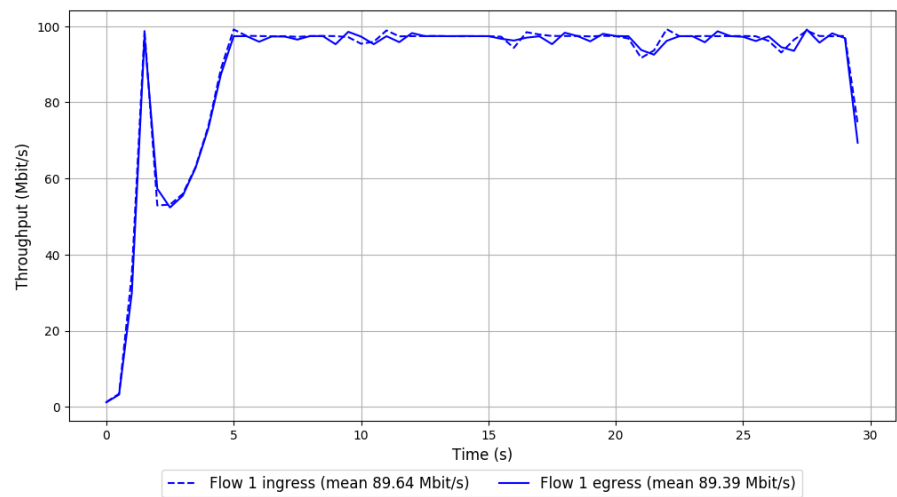
-- Flow 1:

Average throughput: 89.39 Mbit/s

95th percentile per-packet one-way delay: 41.418 ms

Loss rate: 0.46%

Run 5: Report of Vivace-loss — Data Link

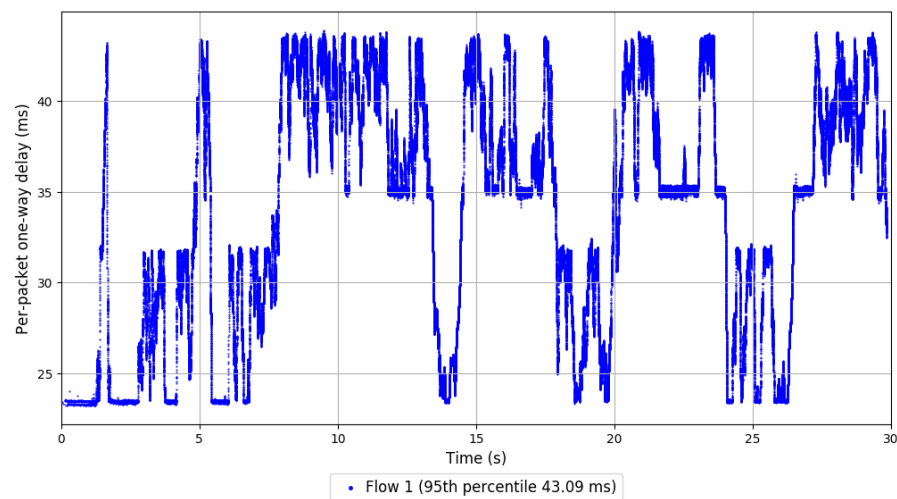
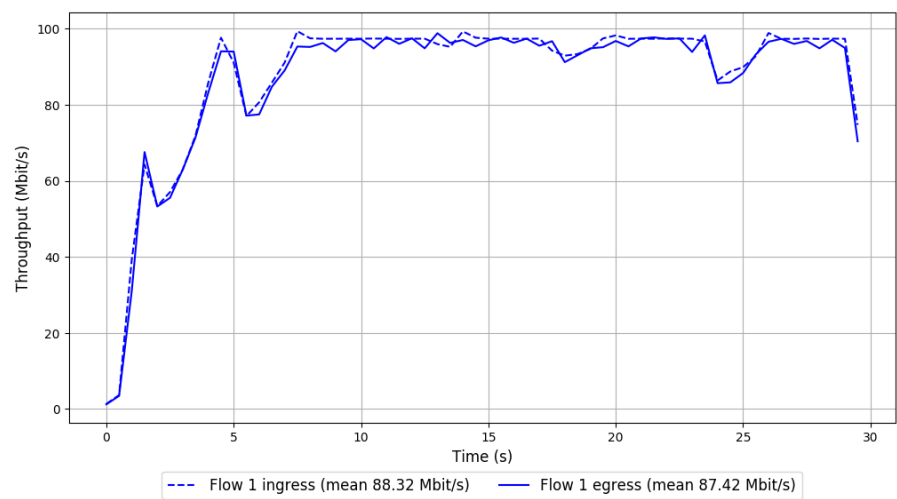


Run 6: Statistics of Vivace-loss

Start at: 2018-02-04 06:14:01
End at: 2018-02-04 06:14:31
Local clock offset: 0.179 ms
Remote clock offset: -0.298 ms

Below is generated by plot.py at 2018-02-04 12:33:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.42 Mbit/s
95th percentile per-packet one-way delay: 43.089 ms
Loss rate: 1.19%
-- Flow 1:
Average throughput: 87.42 Mbit/s
95th percentile per-packet one-way delay: 43.089 ms
Loss rate: 1.19%

Run 6: Report of Vivace-loss — Data Link



Run 7: Statistics of Vivace-loss

Start at: 2018-02-04 06:38:44

End at: 2018-02-04 06:39:14

Local clock offset: 0.434 ms

Remote clock offset: 0.884 ms

Below is generated by plot.py at 2018-02-04 12:33:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.79 Mbit/s

95th percentile per-packet one-way delay: 42.127 ms

Loss rate: 0.62%

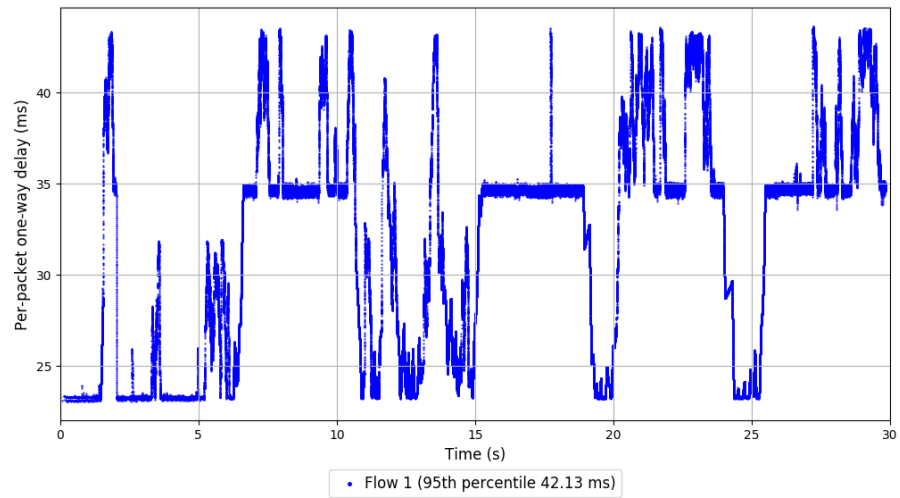
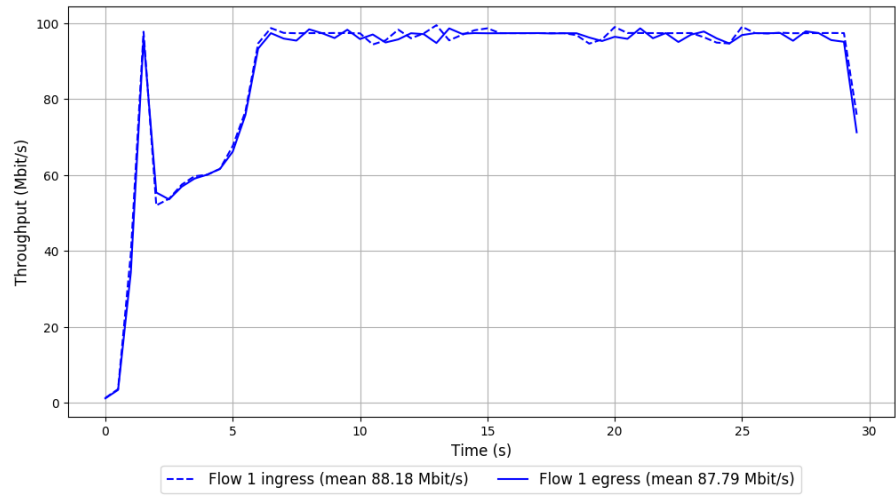
-- Flow 1:

Average throughput: 87.79 Mbit/s

95th percentile per-packet one-way delay: 42.127 ms

Loss rate: 0.62%

Run 7: Report of Vivace-loss — Data Link



Run 8: Statistics of Vivace-loss

Start at: 2018-02-04 07:03:18

End at: 2018-02-04 07:03:48

Local clock offset: 0.554 ms

Remote clock offset: 1.975 ms

Below is generated by plot.py at 2018-02-04 12:34:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.00 Mbit/s

95th percentile per-packet one-way delay: 40.621 ms

Loss rate: 0.52%

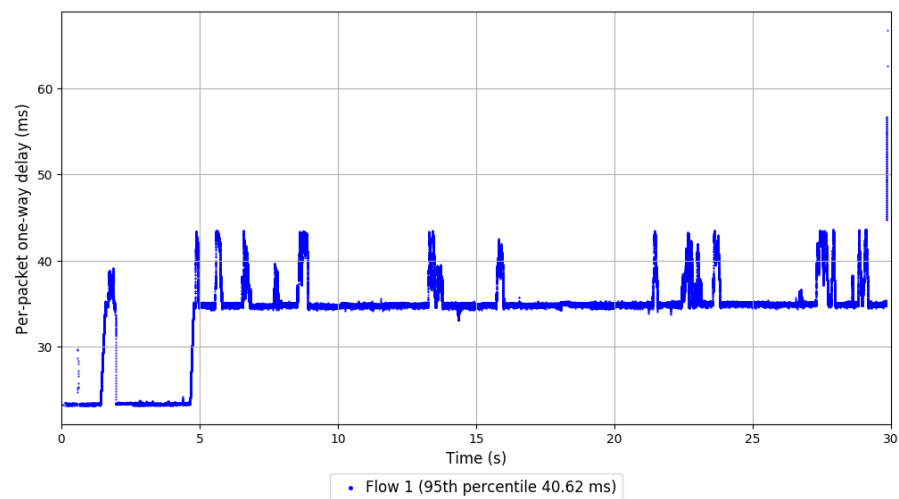
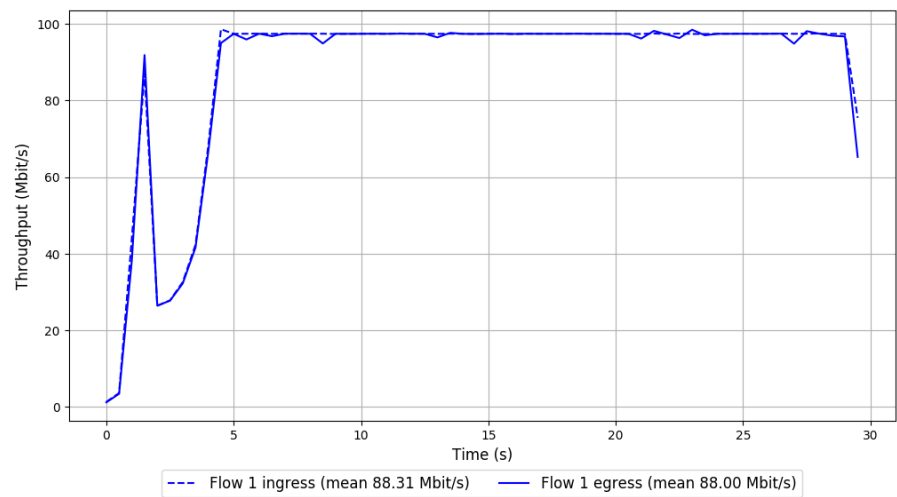
-- Flow 1:

Average throughput: 88.00 Mbit/s

95th percentile per-packet one-way delay: 40.621 ms

Loss rate: 0.52%

Run 8: Report of Vivace-loss — Data Link



Run 9: Statistics of Vivace-loss

Start at: 2018-02-04 07:27:53

End at: 2018-02-04 07:28:23

Local clock offset: 0.797 ms

Remote clock offset: 2.532 ms

Below is generated by plot.py at 2018-02-04 12:34:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.93 Mbit/s

95th percentile per-packet one-way delay: 42.008 ms

Loss rate: 0.53%

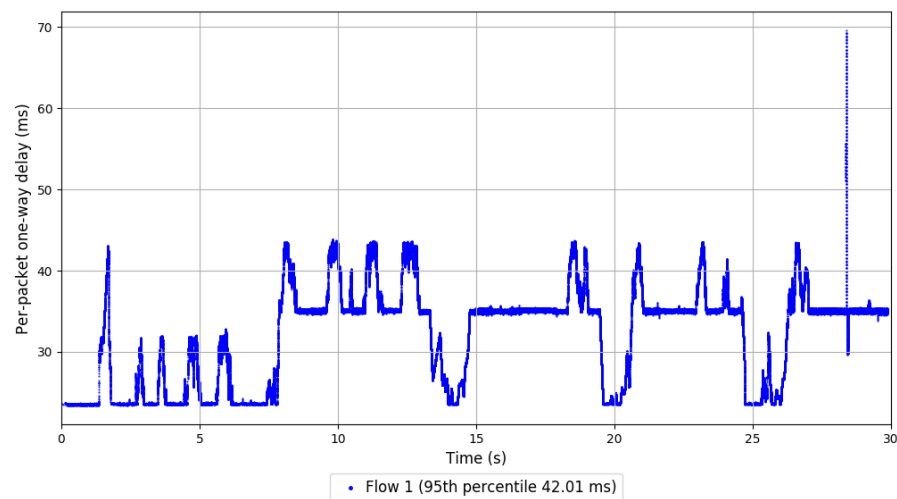
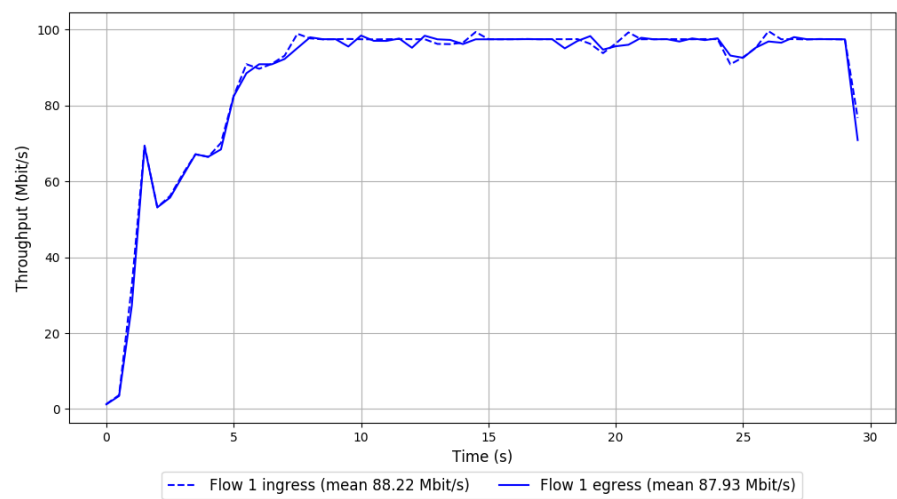
-- Flow 1:

Average throughput: 87.93 Mbit/s

95th percentile per-packet one-way delay: 42.008 ms

Loss rate: 0.53%

Run 9: Report of Vivace-loss — Data Link



Run 10: Statistics of Vivace-loss

Start at: 2018-02-04 07:52:04

End at: 2018-02-04 07:52:34

Local clock offset: 0.984 ms

Remote clock offset: 1.851 ms

Below is generated by plot.py at 2018-02-04 12:34:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.66 Mbit/s

95th percentile per-packet one-way delay: 41.347 ms

Loss rate: 0.74%

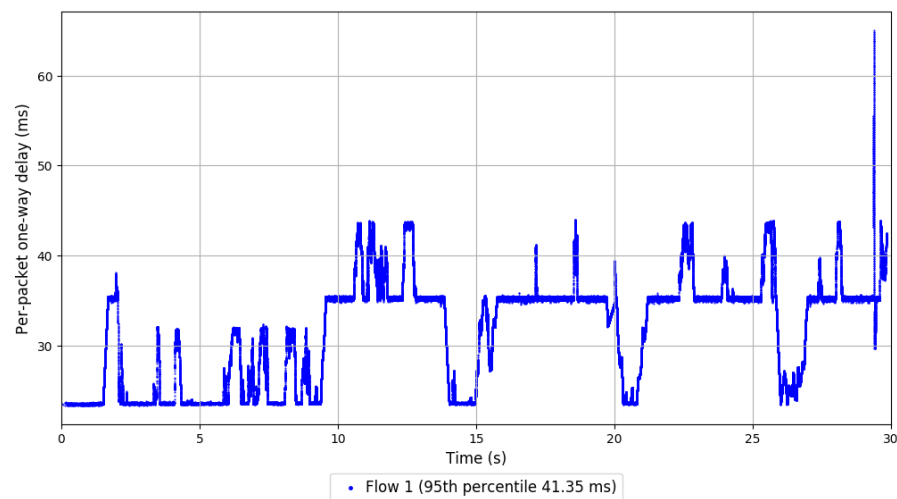
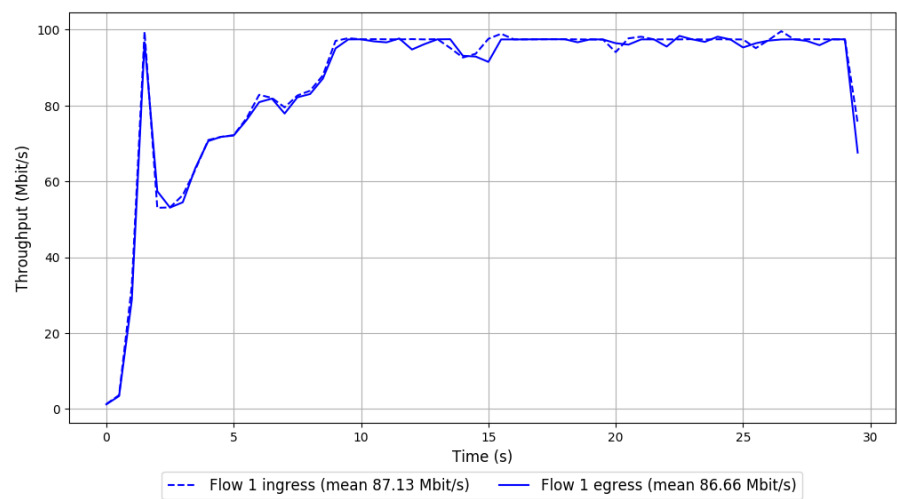
-- Flow 1:

Average throughput: 86.66 Mbit/s

95th percentile per-packet one-way delay: 41.347 ms

Loss rate: 0.74%

Run 10: Report of Vivace-loss — Data Link



Run 1: Statistics of Vivace-LTE

Start at: 2018-02-04 04:05:57

End at: 2018-02-04 04:06:27

Local clock offset: 0.371 ms

Remote clock offset: 1.228 ms

Below is generated by plot.py at 2018-02-04 12:34:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 60.82 Mbit/s

95th percentile per-packet one-way delay: 31.931 ms

Loss rate: 1.42%

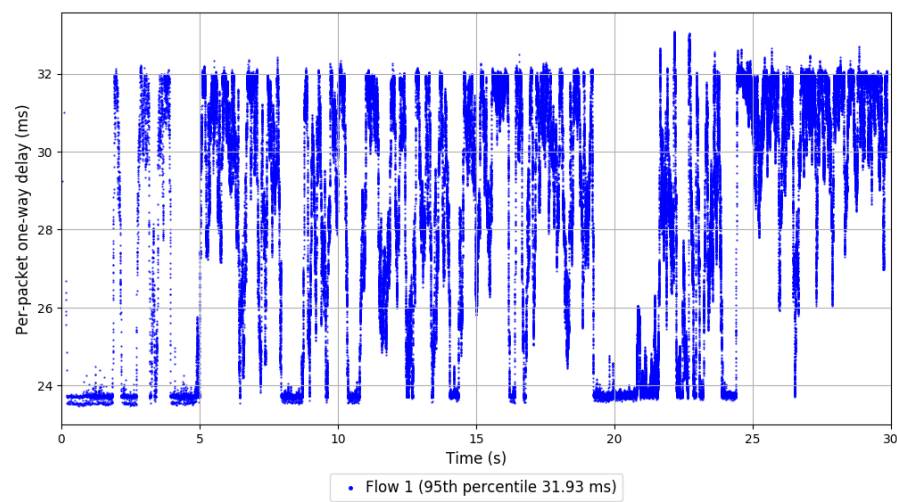
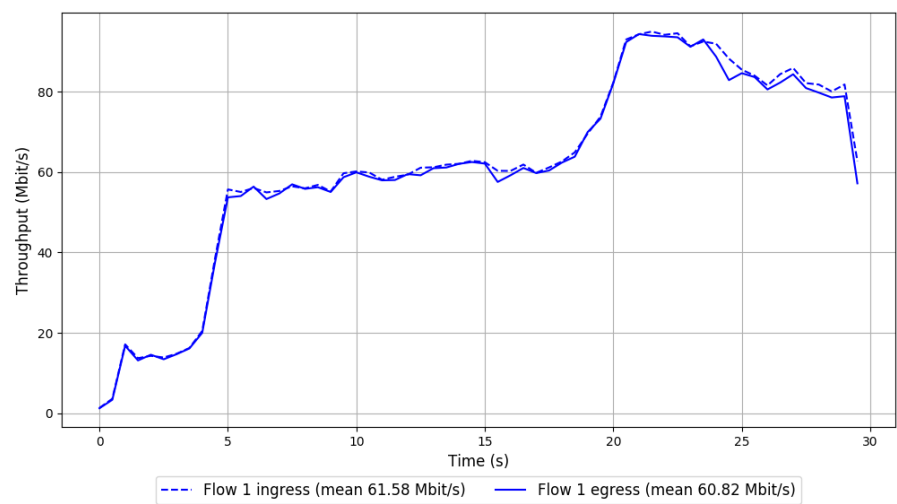
-- Flow 1:

Average throughput: 60.82 Mbit/s

95th percentile per-packet one-way delay: 31.931 ms

Loss rate: 1.42%

Run 1: Report of Vivace-LTE — Data Link



Run 2: Statistics of Vivace-LTE

Start at: 2018-02-04 04:32:43

End at: 2018-02-04 04:33:13

Local clock offset: 0.563 ms

Remote clock offset: 2.193 ms

Below is generated by plot.py at 2018-02-04 12:34:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 43.44 Mbit/s

95th percentile per-packet one-way delay: 31.664 ms

Loss rate: 1.25%

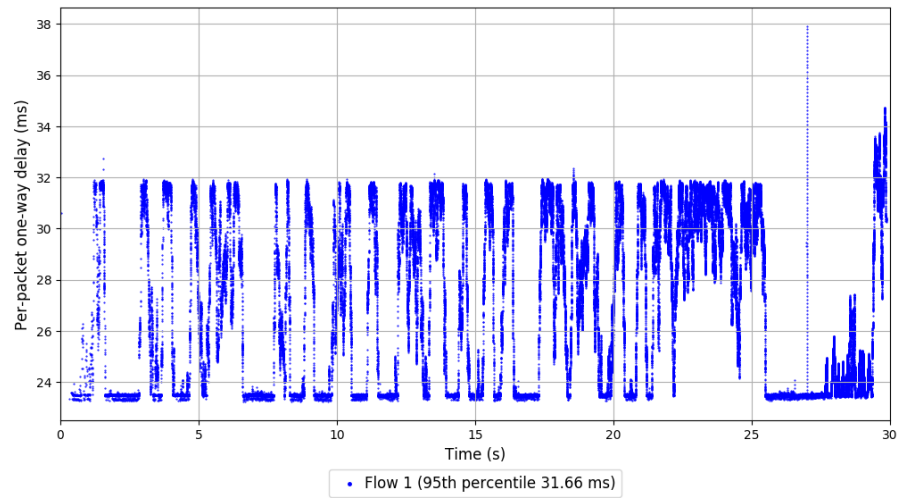
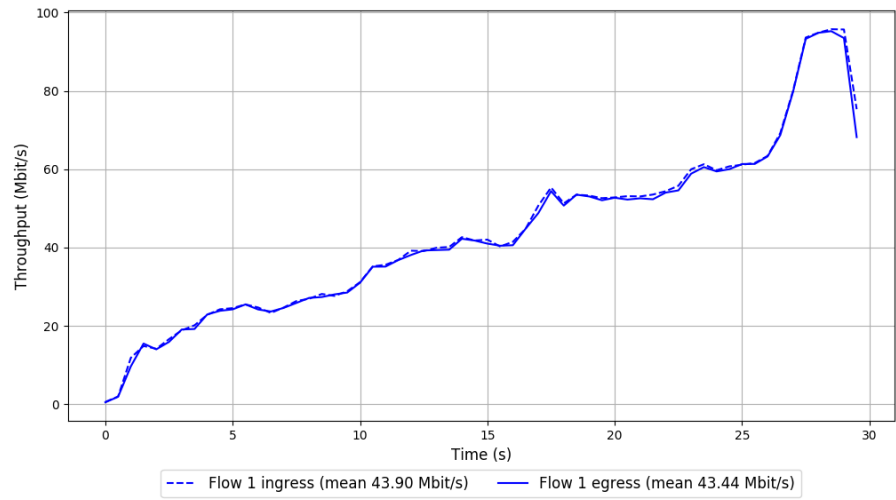
-- Flow 1:

Average throughput: 43.44 Mbit/s

95th percentile per-packet one-way delay: 31.664 ms

Loss rate: 1.25%

Run 2: Report of Vivace-LTE — Data Link



Run 3: Statistics of Vivace-LTE

Start at: 2018-02-04 04:58:05

End at: 2018-02-04 04:58:35

Local clock offset: 0.518 ms

Remote clock offset: 1.329 ms

Below is generated by plot.py at 2018-02-04 12:34:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.71 Mbit/s

95th percentile per-packet one-way delay: 37.677 ms

Loss rate: 1.26%

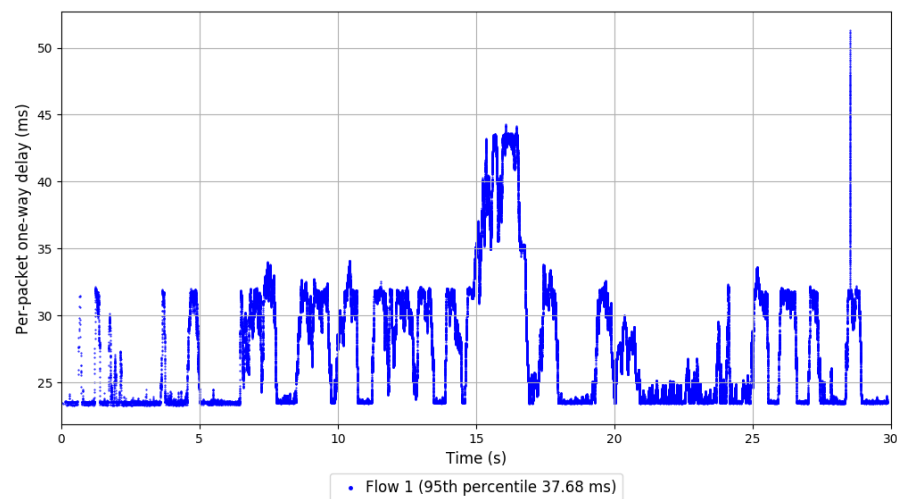
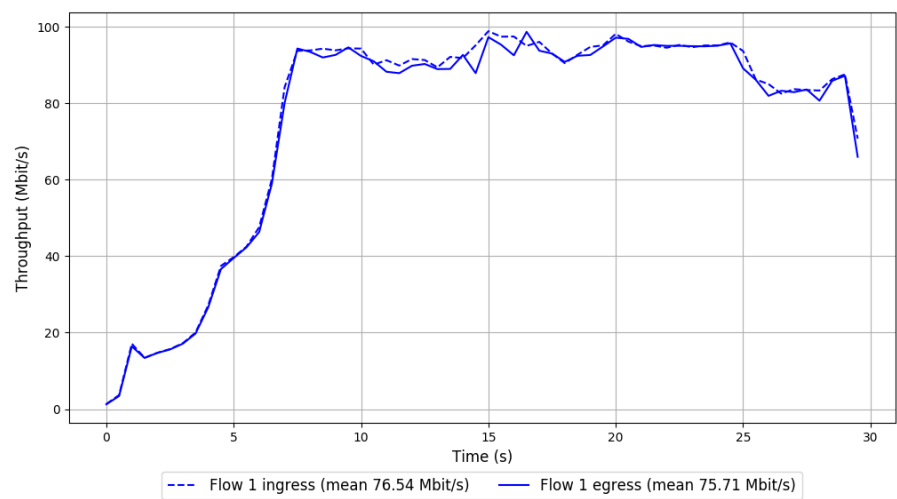
-- Flow 1:

Average throughput: 75.71 Mbit/s

95th percentile per-packet one-way delay: 37.677 ms

Loss rate: 1.26%

Run 3: Report of Vivace-LTE — Data Link



Run 4: Statistics of Vivace-LTE

Start at: 2018-02-04 05:22:54

End at: 2018-02-04 05:23:24

Local clock offset: 0.514 ms

Remote clock offset: 0.734 ms

Below is generated by plot.py at 2018-02-04 12:34:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 76.85 Mbit/s

95th percentile per-packet one-way delay: 42.745 ms

Loss rate: 1.88%

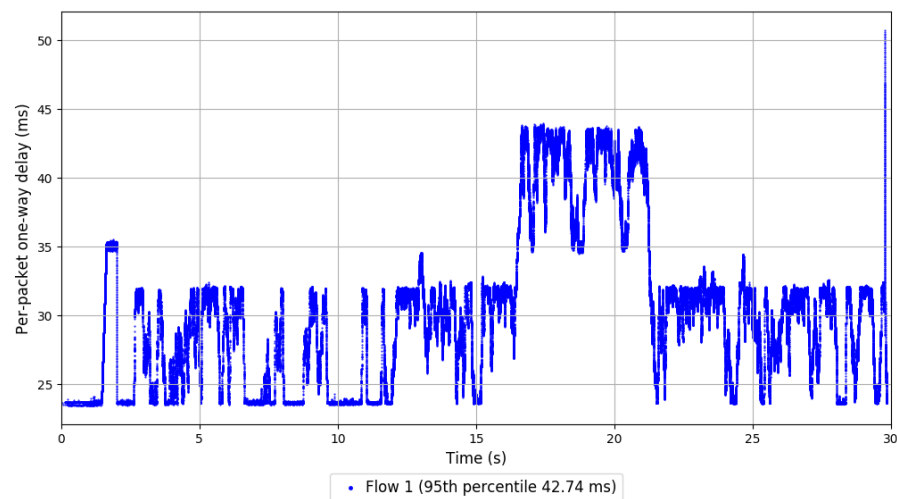
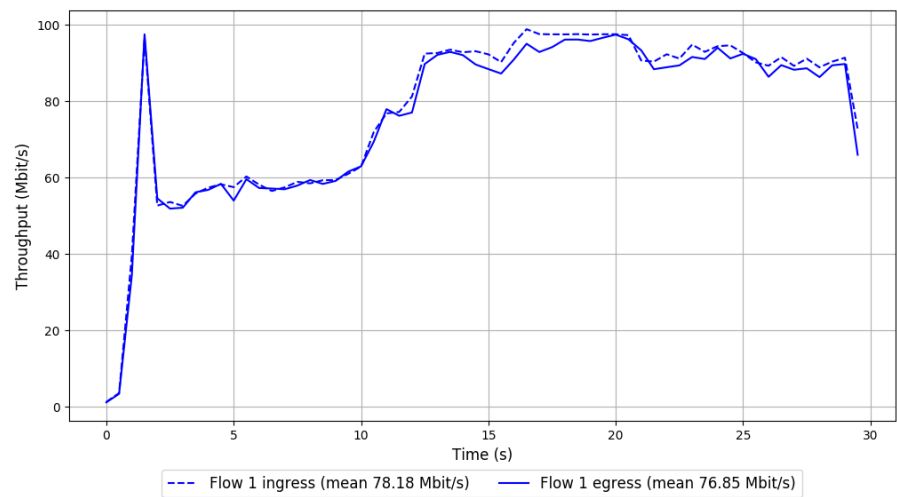
-- Flow 1:

Average throughput: 76.85 Mbit/s

95th percentile per-packet one-way delay: 42.745 ms

Loss rate: 1.88%

Run 4: Report of Vivace-LTE — Data Link



Run 5: Statistics of Vivace-LTE

Start at: 2018-02-04 05:48:03

End at: 2018-02-04 05:48:33

Local clock offset: 0.459 ms

Remote clock offset: -0.089 ms

Below is generated by plot.py at 2018-02-04 12:35:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.47 Mbit/s

95th percentile per-packet one-way delay: 32.917 ms

Loss rate: 0.69%

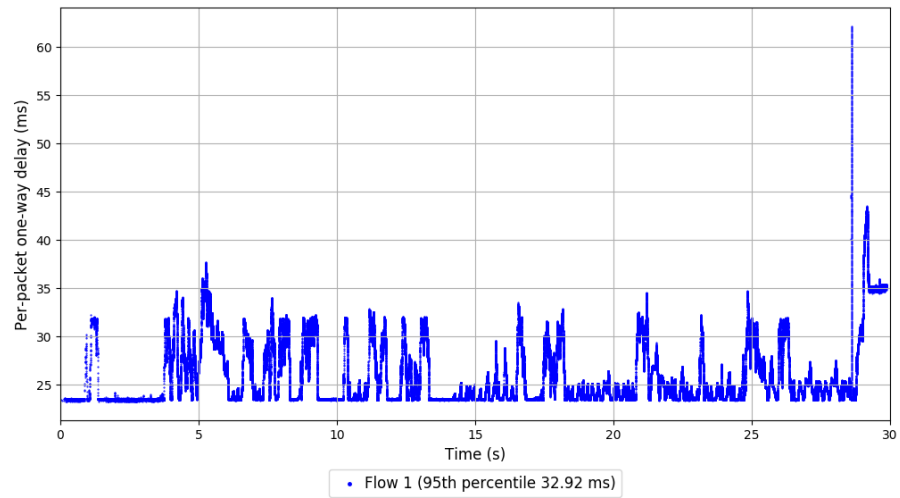
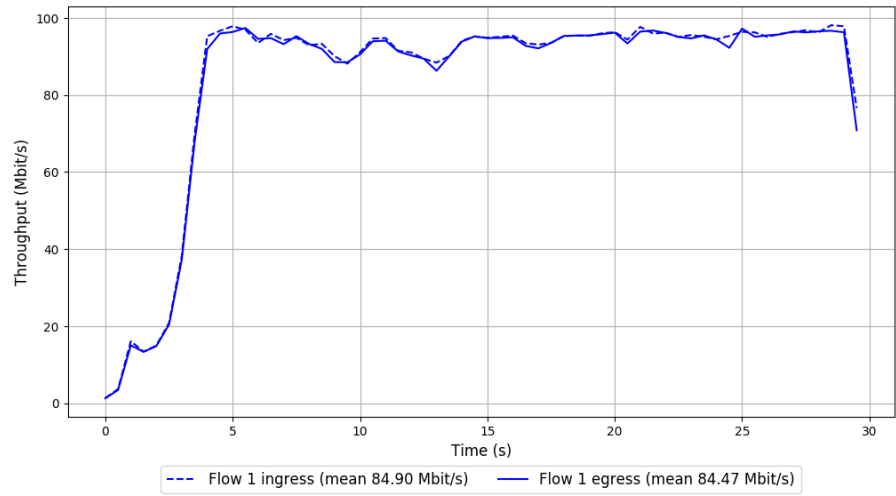
-- Flow 1:

Average throughput: 84.47 Mbit/s

95th percentile per-packet one-way delay: 32.917 ms

Loss rate: 0.69%

Run 5: Report of Vivace-LTE — Data Link

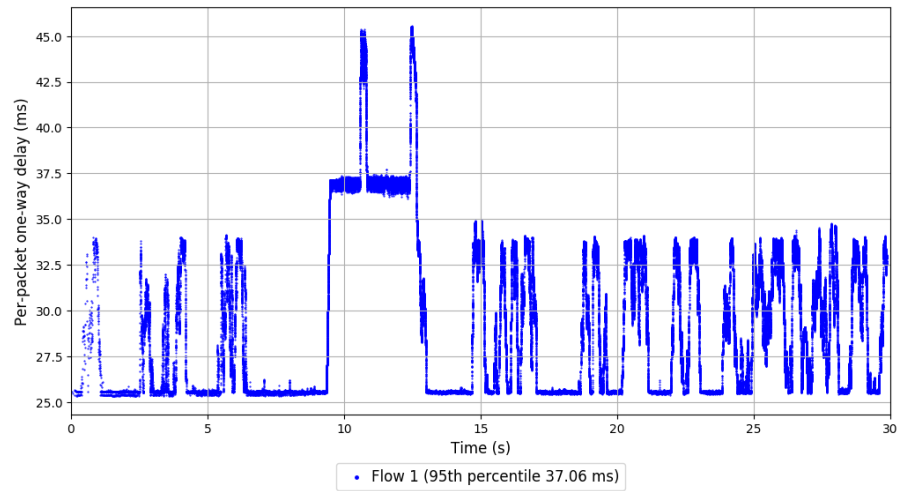
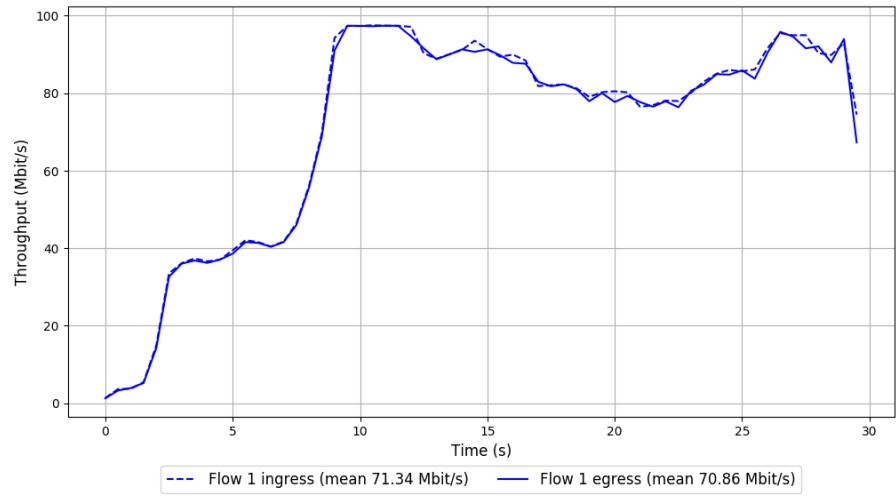


Run 6: Statistics of Vivace-LTE

Start at: 2018-02-04 06:12:39
End at: 2018-02-04 06:13:09
Local clock offset: 0.246 ms
Remote clock offset: -2.313 ms

Below is generated by plot.py at 2018-02-04 12:35:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 70.86 Mbit/s
95th percentile per-packet one-way delay: 37.062 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 70.86 Mbit/s
95th percentile per-packet one-way delay: 37.062 ms
Loss rate: 0.86%

Run 6: Report of Vivace-LTE — Data Link



Run 7: Statistics of Vivace-LTE

Start at: 2018-02-04 06:37:20

End at: 2018-02-04 06:37:50

Local clock offset: 0.324 ms

Remote clock offset: 0.926 ms

Below is generated by plot.py at 2018-02-04 12:35:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.45 Mbit/s

95th percentile per-packet one-way delay: 34.573 ms

Loss rate: 0.53%

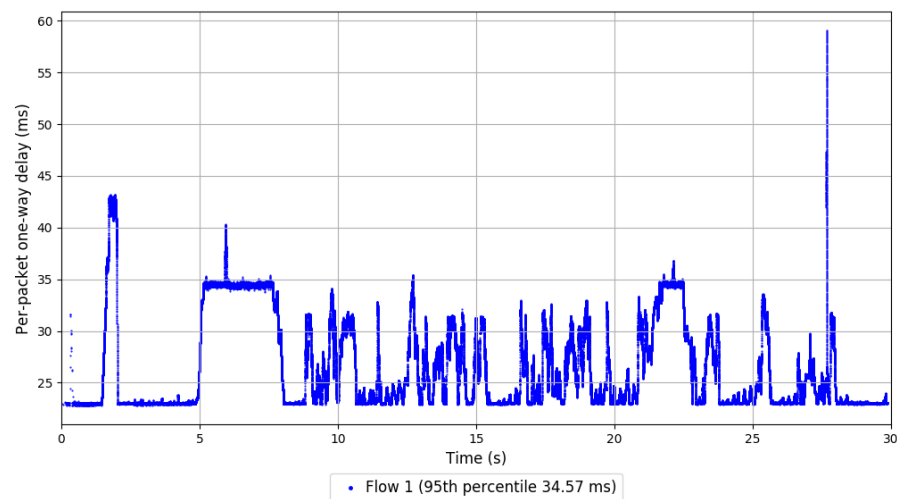
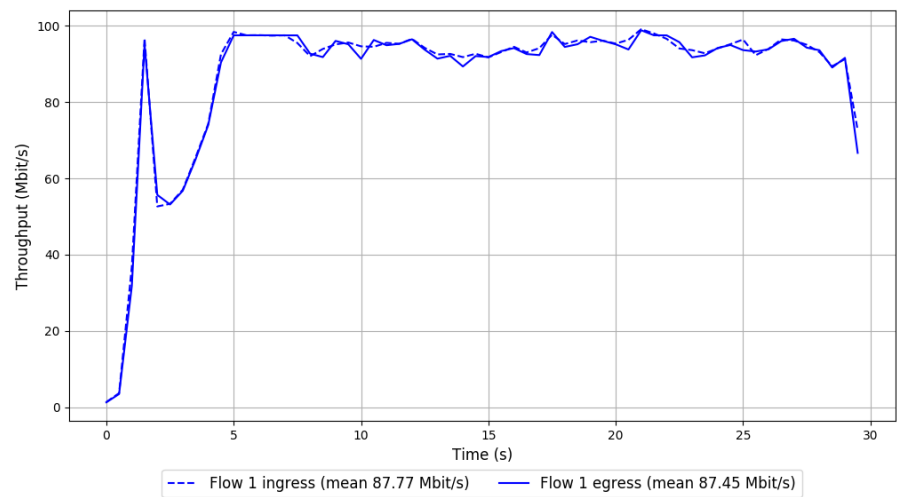
-- Flow 1:

Average throughput: 87.45 Mbit/s

95th percentile per-packet one-way delay: 34.573 ms

Loss rate: 0.53%

Run 7: Report of Vivace-LTE — Data Link



Run 8: Statistics of Vivace-LTE

Start at: 2018-02-04 07:01:52

End at: 2018-02-04 07:02:22

Local clock offset: 0.636 ms

Remote clock offset: 1.734 ms

Below is generated by plot.py at 2018-02-04 12:35:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.33 Mbit/s

95th percentile per-packet one-way delay: 37.334 ms

Loss rate: 1.31%

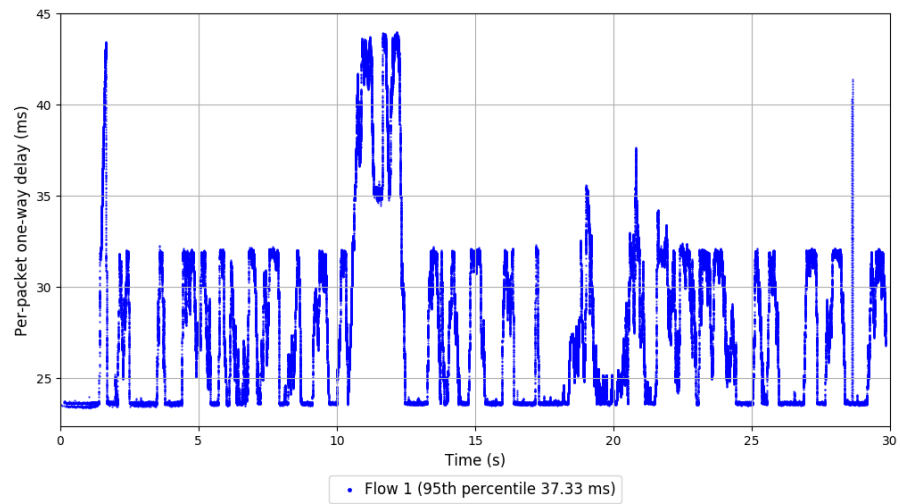
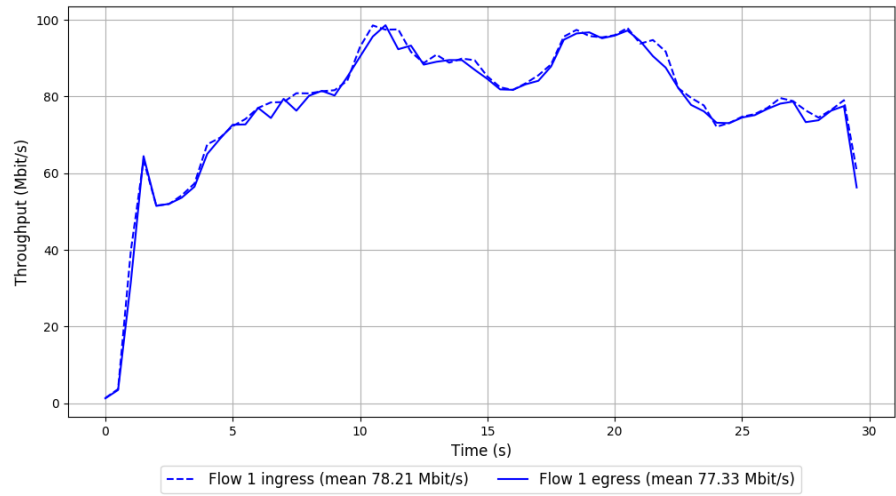
-- Flow 1:

Average throughput: 77.33 Mbit/s

95th percentile per-packet one-way delay: 37.334 ms

Loss rate: 1.31%

Run 8: Report of Vivace-LTE — Data Link



Run 9: Statistics of Vivace-LTE

Start at: 2018-02-04 07:26:31

End at: 2018-02-04 07:27:01

Local clock offset: 0.697 ms

Remote clock offset: 0.374 ms

Below is generated by plot.py at 2018-02-04 12:35:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.60 Mbit/s

95th percentile per-packet one-way delay: 37.225 ms

Loss rate: 0.45%

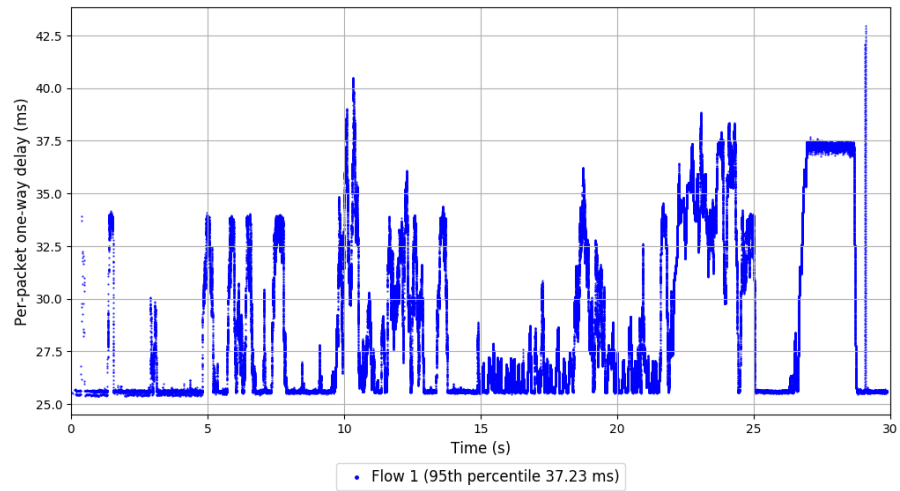
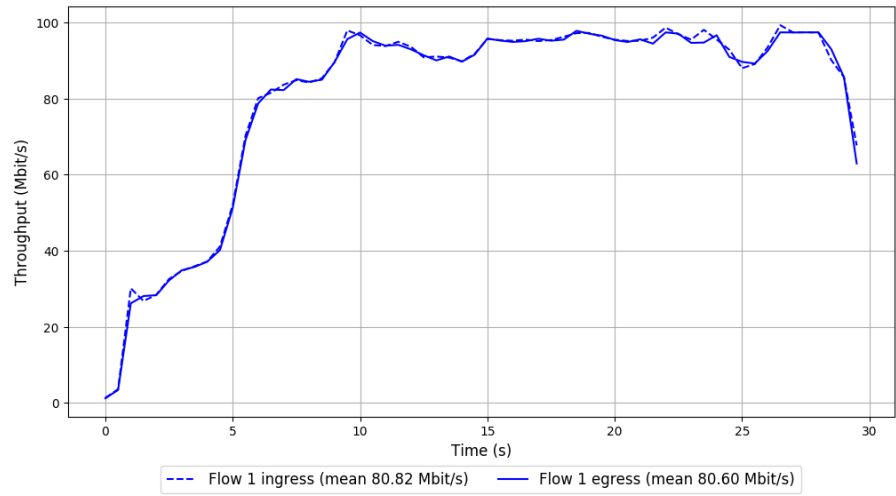
-- Flow 1:

Average throughput: 80.60 Mbit/s

95th percentile per-packet one-way delay: 37.225 ms

Loss rate: 0.45%

Run 9: Report of Vivace-LTE — Data Link



Run 10: Statistics of Vivace-LTE

Start at: 2018-02-04 07:50:35
End at: 2018-02-04 07:51:05
Local clock offset: 0.94 ms
Remote clock offset: -0.145 ms

Below is generated by plot.py at 2018-02-04 12:35:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.68 Mbit/s
95th percentile per-packet one-way delay: 40.918 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 83.68 Mbit/s
95th percentile per-packet one-way delay: 40.918 ms
Loss rate: 0.77%

Run 10: Report of Vivace-LTE — Data Link

