

Pantheon Report

Generated at 2018-02-04 13:00:45 (UTC).

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

Repeated the test of 17 congestion control schemes 10 times.

Each test lasted for 30 seconds running 1 flow.

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

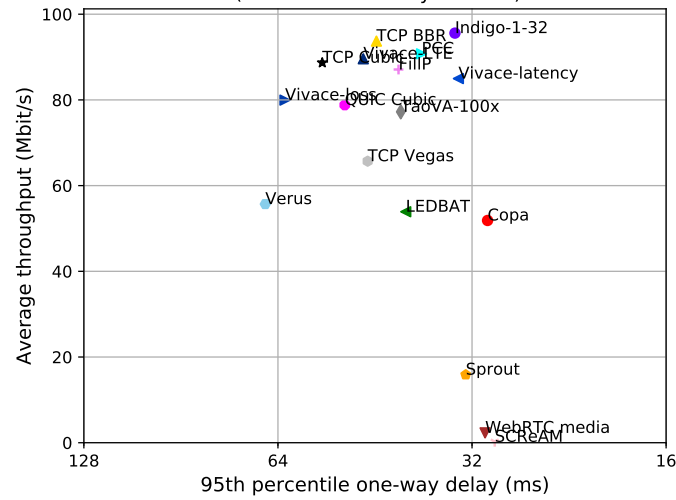
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

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

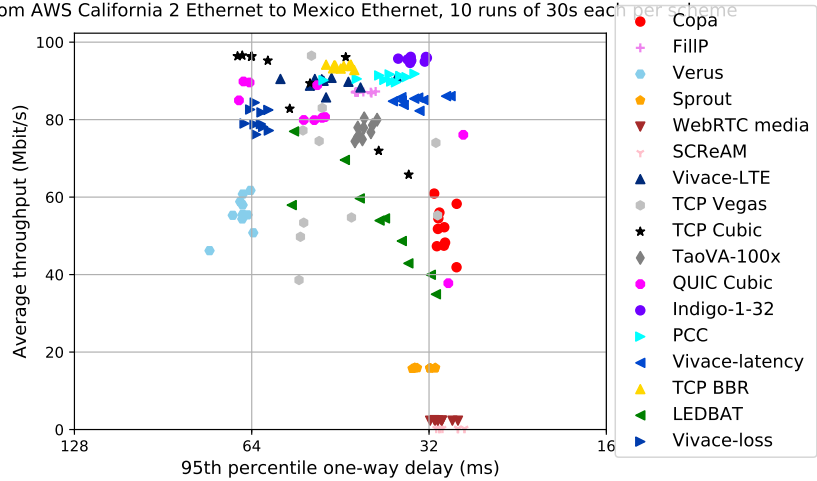
Git summary:

```
branch: master @ 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 @ 2601c92e4aa9d58d38dc4dfe0ecd90c077e64d
third_party/indigo-1-layer-32-unit-no-calib @ 1f3a7f75b41135ed5b540c0fd3505939528e2a5f
third_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ fb1053193c2861da659ba9013db26744ccfcf993
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eae30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/vivace @ 7a4ba531e75b4a6f66f5c4580192120401784ce3
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

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



test from AWS California 2 Ethernet to Mexico Ethernet, 10 runs of 30s each per scheme



scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	93.73	45.02	0.68
TCP Cubic	10	88.68	54.63	0.21
LEDBAT	10	53.90	40.55	0.08
PCC	10	90.75	38.32	0.60
QUIC Cubic	10	78.81	50.41	0.24
SCReAM	10	0.22	29.51	0.00
WebRTC media	10	2.30	30.54	0.05
Sprout	10	15.88	32.73	0.07
TaoVA-100x	10	77.22	41.28	0.05
TCP Vegas	10	65.69	46.46	0.47
Verus	10	55.69	66.96	40.22
Copa	10	51.86	30.27	0.03
FillP	10	87.09	41.61	2.21
Indigo-1-32	10	95.59	34.01	0.09
Vivace-latency	10	84.98	33.60	0.07
Vivace-loss	10	79.95	62.40	6.09
Vivace-LTE	10	89.60	47.19	0.85

Run 1: Statistics of TCP BBR

Start at: 2018-02-04 08:32:49

End at: 2018-02-04 08:33:19

Local clock offset: 1.083 ms

Remote clock offset: -0.017 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.18 Mbit/s

95th percentile per-packet one-way delay: 45.195 ms

Loss rate: 0.70%

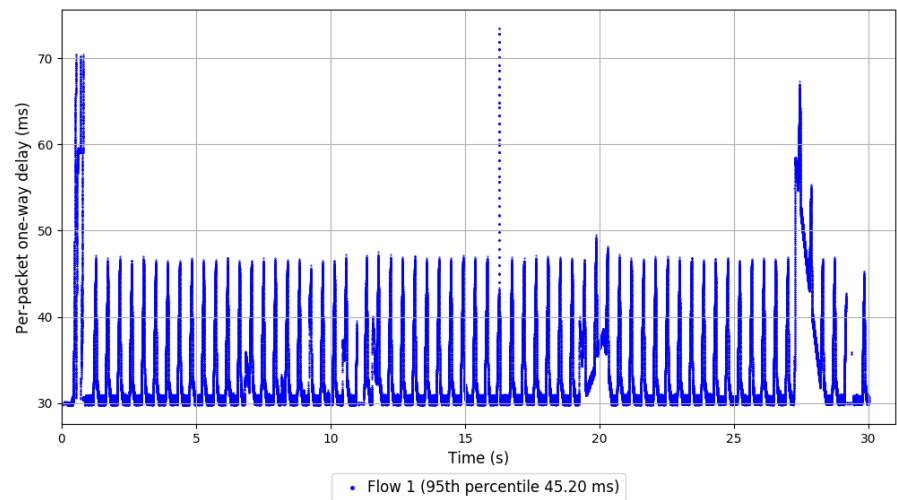
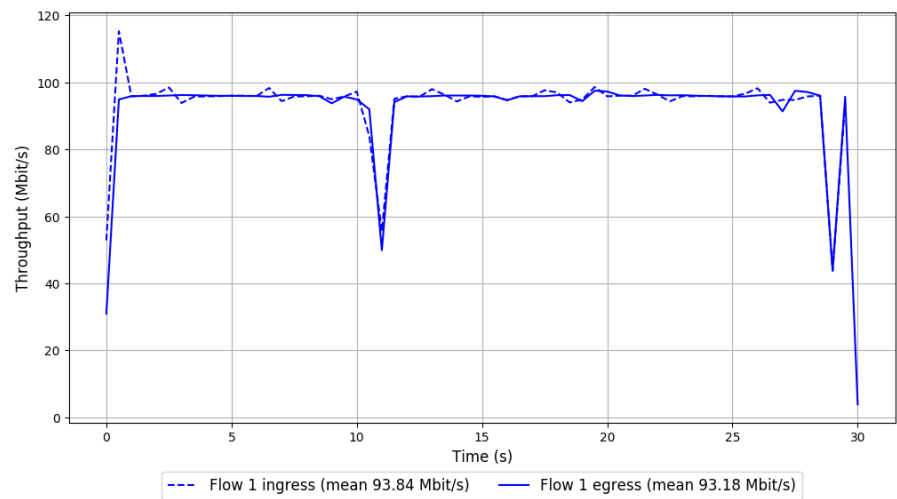
-- Flow 1:

Average throughput: 93.18 Mbit/s

95th percentile per-packet one-way delay: 45.195 ms

Loss rate: 0.70%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2018-02-04 08:56:46

End at: 2018-02-04 08:57:16

Local clock offset: 1.018 ms

Remote clock offset: 0.657 ms

Below is generated by plot.py at 2018-02-04 12:37:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.95 Mbit/s

95th percentile per-packet one-way delay: 46.177 ms

Loss rate: 0.72%

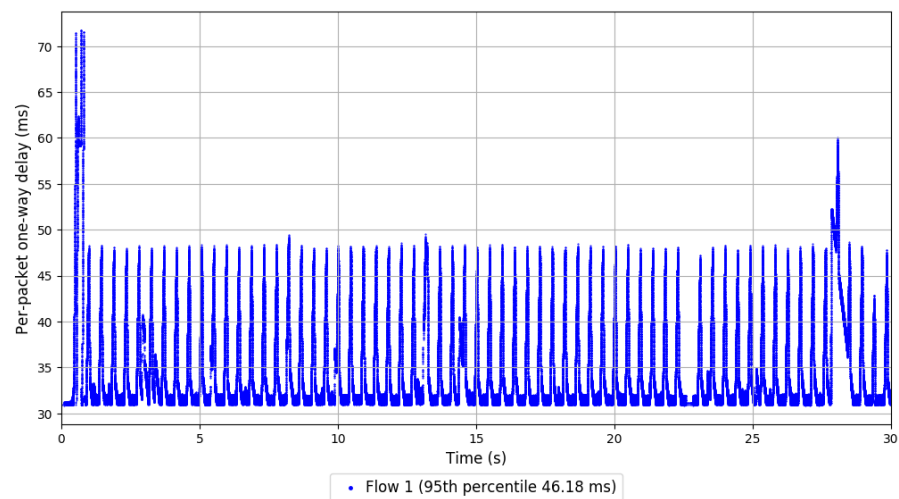
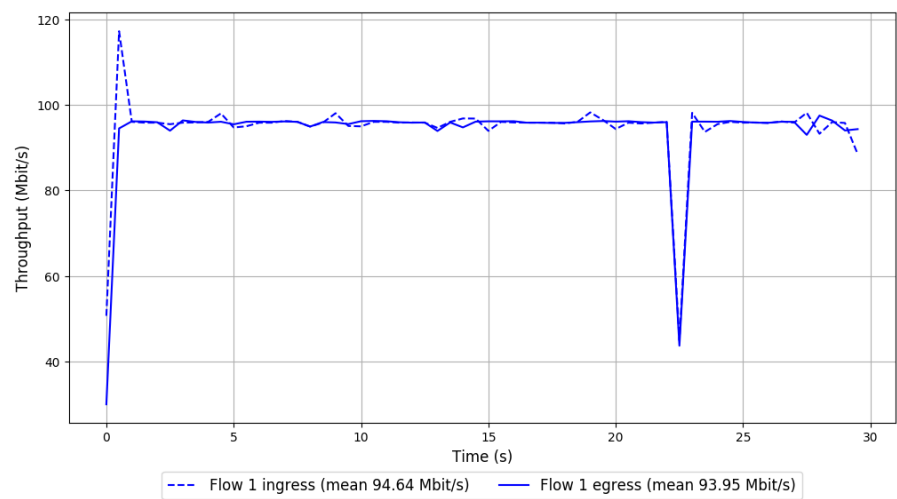
-- Flow 1:

Average throughput: 93.95 Mbit/s

95th percentile per-packet one-way delay: 46.177 ms

Loss rate: 0.72%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2018-02-04 09:20:45

End at: 2018-02-04 09:21:15

Local clock offset: 0.901 ms

Remote clock offset: 0.967 ms

Below is generated by plot.py at 2018-02-04 12:37:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.86 Mbit/s

95th percentile per-packet one-way delay: 44.668 ms

Loss rate: 0.65%

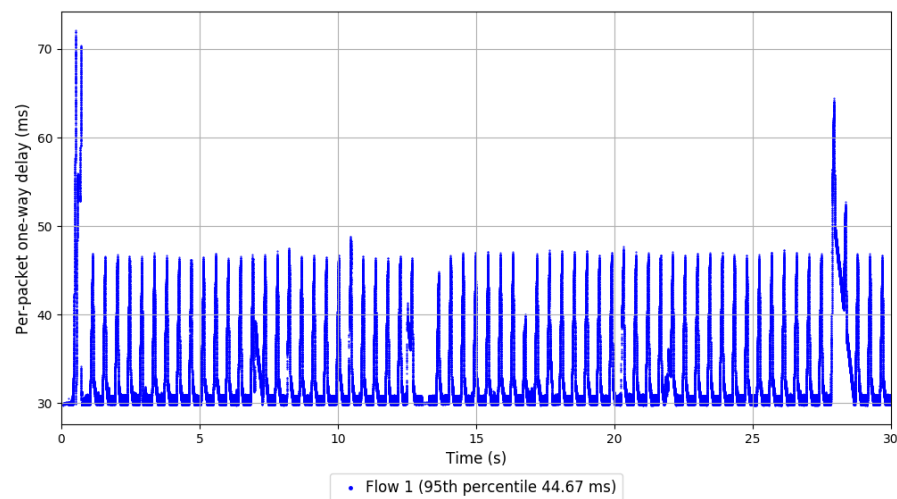
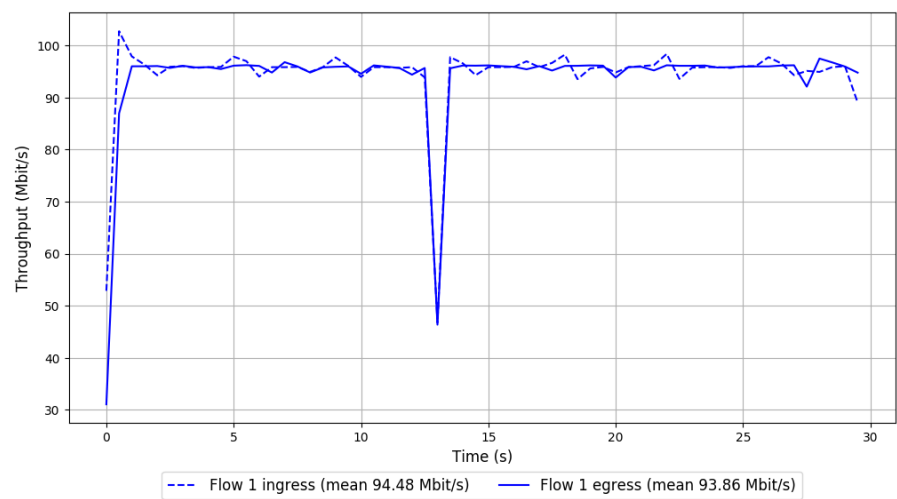
-- Flow 1:

Average throughput: 93.86 Mbit/s

95th percentile per-packet one-way delay: 44.668 ms

Loss rate: 0.65%

Run 3: Report of TCP BBR — Data Link

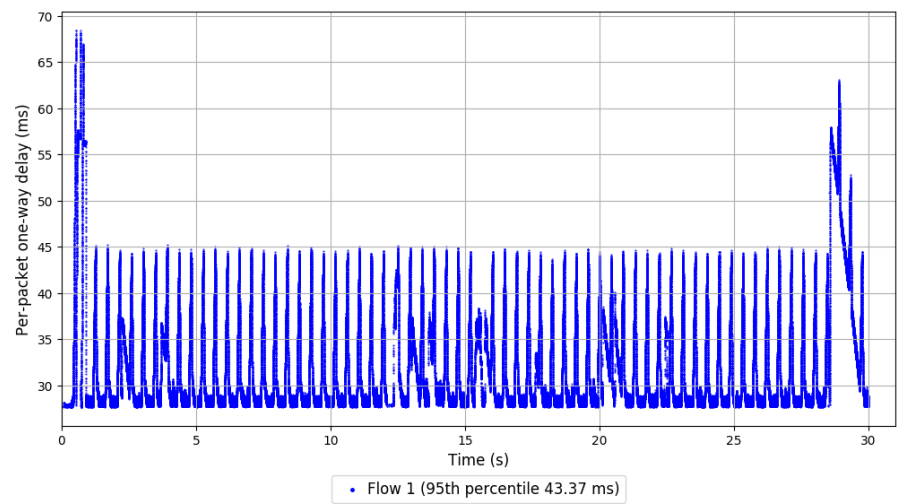
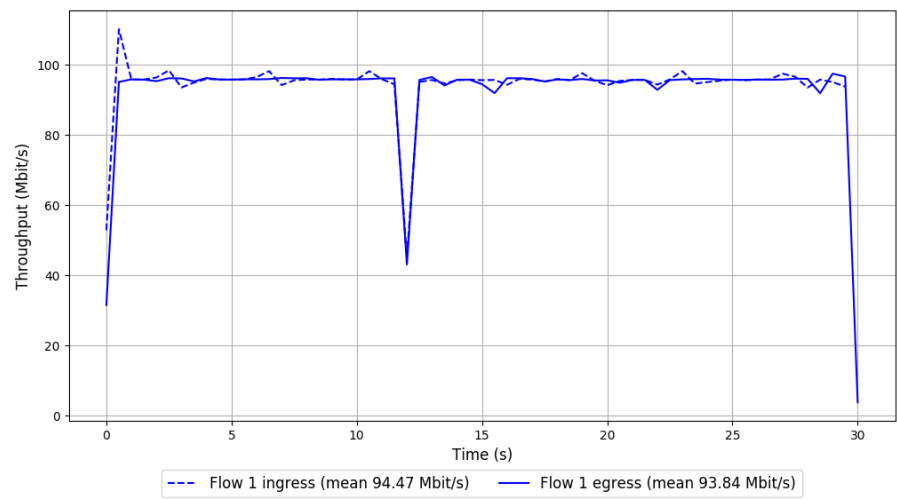


Run 4: Statistics of TCP BBR

Start at: 2018-02-04 09:44:48
End at: 2018-02-04 09:45:18
Local clock offset: 0.564 ms
Remote clock offset: -0.113 ms

Below is generated by plot.py at 2018-02-04 12:37:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.84 Mbit/s
95th percentile per-packet one-way delay: 43.372 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 93.84 Mbit/s
95th percentile per-packet one-way delay: 43.372 ms
Loss rate: 0.66%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2018-02-04 10:08:44

End at: 2018-02-04 10:09:14

Local clock offset: 0.755 ms

Remote clock offset: 2.373 ms

Below is generated by plot.py at 2018-02-04 12:37:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.03 Mbit/s

95th percentile per-packet one-way delay: 46.355 ms

Loss rate: 0.67%

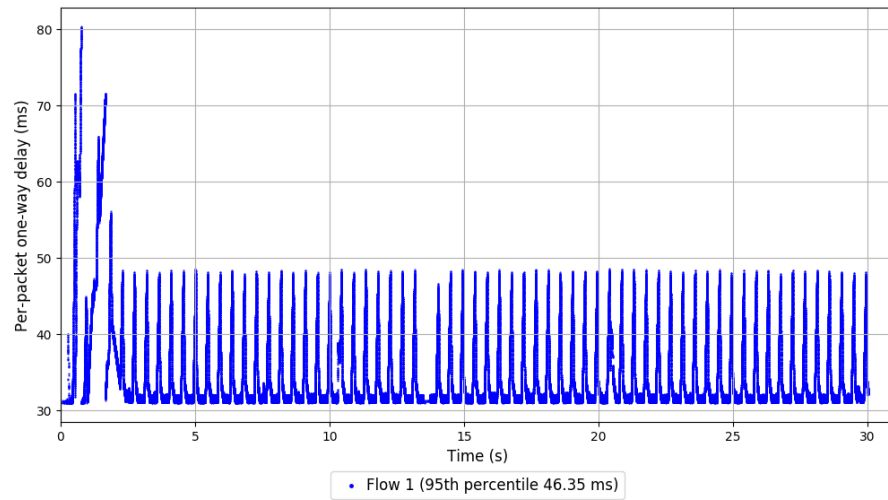
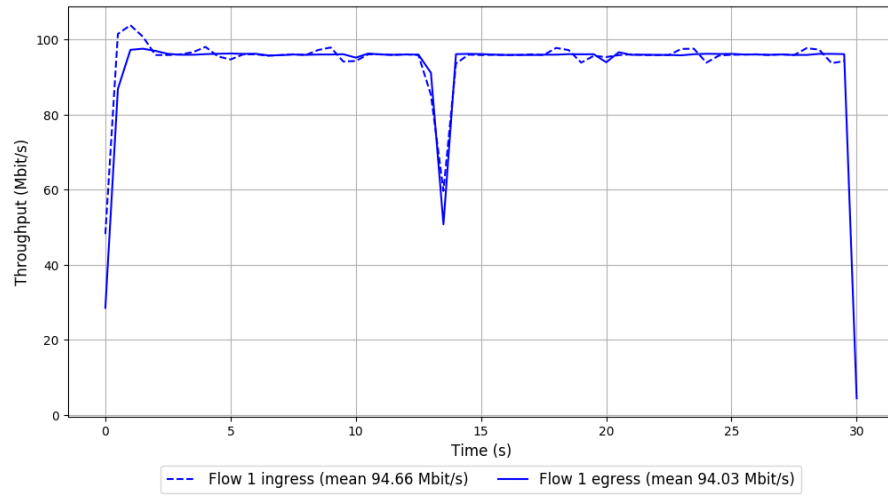
-- Flow 1:

Average throughput: 94.03 Mbit/s

95th percentile per-packet one-way delay: 46.355 ms

Loss rate: 0.67%

Run 5: Report of TCP BBR — Data Link

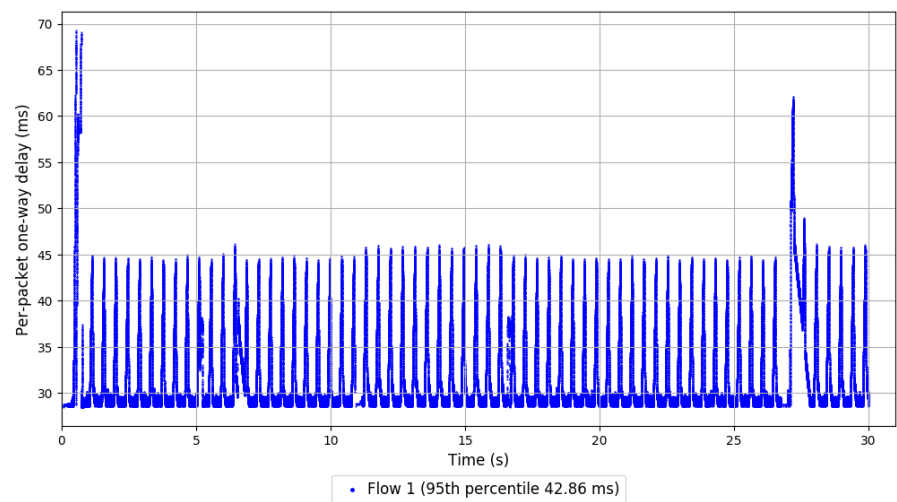
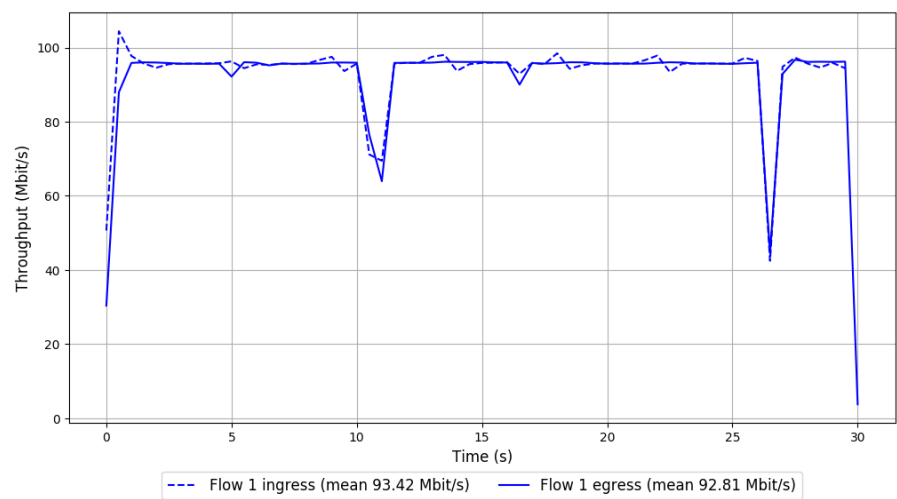


Run 6: Statistics of TCP BBR

Start at: 2018-02-04 10:32:35
End at: 2018-02-04 10:33:05
Local clock offset: 0.804 ms
Remote clock offset: -0.429 ms

Below is generated by plot.py at 2018-02-04 12:37:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.81 Mbit/s
95th percentile per-packet one-way delay: 42.861 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 92.81 Mbit/s
95th percentile per-packet one-way delay: 42.861 ms
Loss rate: 0.65%

Run 6: Report of TCP BBR — Data Link

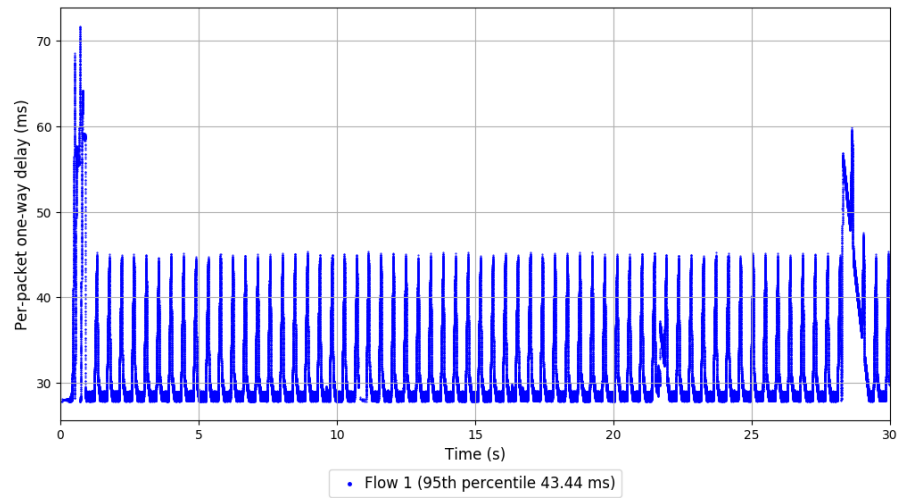
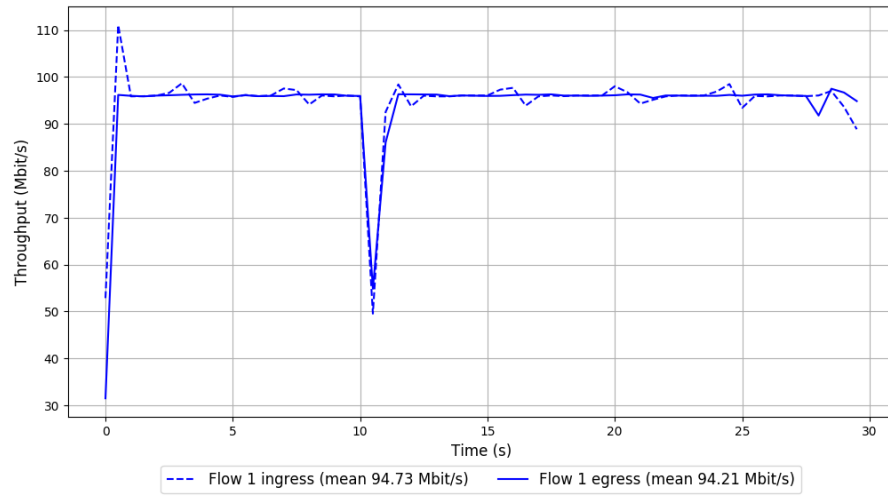


Run 7: Statistics of TCP BBR

Start at: 2018-02-04 10:56:36
End at: 2018-02-04 10:57:06
Local clock offset: 0.926 ms
Remote clock offset: -0.581 ms

Below is generated by plot.py at 2018-02-04 12:37:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.21 Mbit/s
95th percentile per-packet one-way delay: 43.436 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 94.21 Mbit/s
95th percentile per-packet one-way delay: 43.436 ms
Loss rate: 0.54%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: 2018-02-04 11:20:35

End at: 2018-02-04 11:21:05

Local clock offset: 1.052 ms

Remote clock offset: -0.923 ms

Below is generated by plot.py at 2018-02-04 12:37:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.98 Mbit/s

95th percentile per-packet one-way delay: 43.720 ms

Loss rate: 0.64%

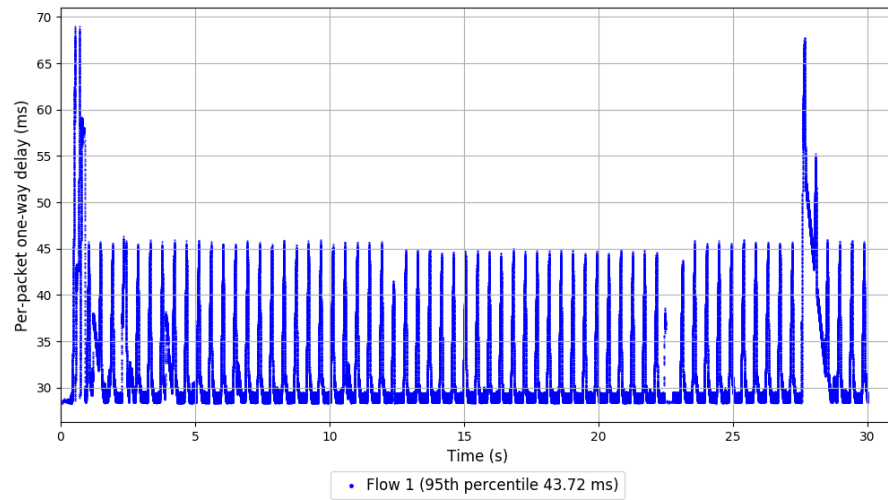
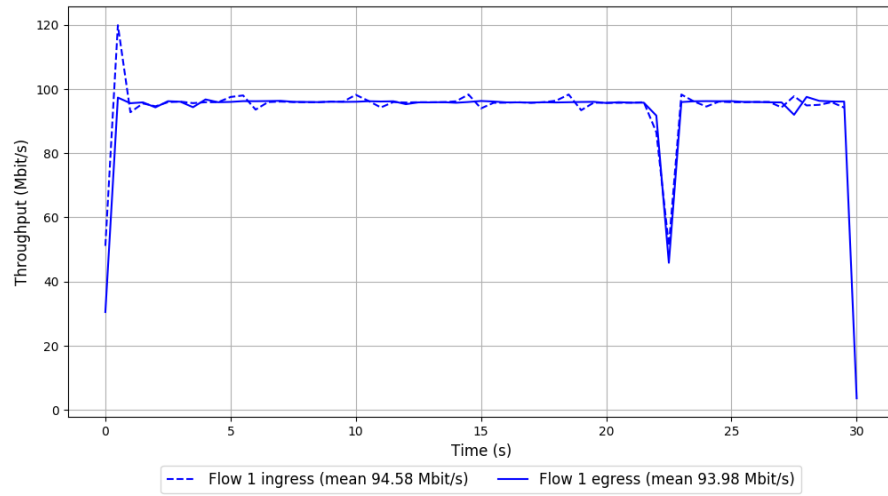
-- Flow 1:

Average throughput: 93.98 Mbit/s

95th percentile per-packet one-way delay: 43.720 ms

Loss rate: 0.64%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: 2018-02-04 11:44:31

End at: 2018-02-04 11:45:01

Local clock offset: 1.063 ms

Remote clock offset: 1.869 ms

Below is generated by plot.py at 2018-02-04 12:38:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.25 Mbit/s

95th percentile per-packet one-way delay: 46.571 ms

Loss rate: 0.56%

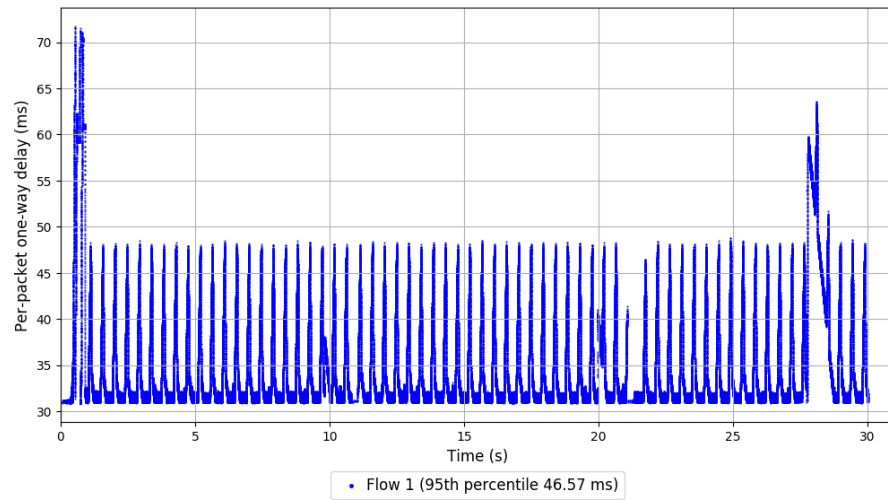
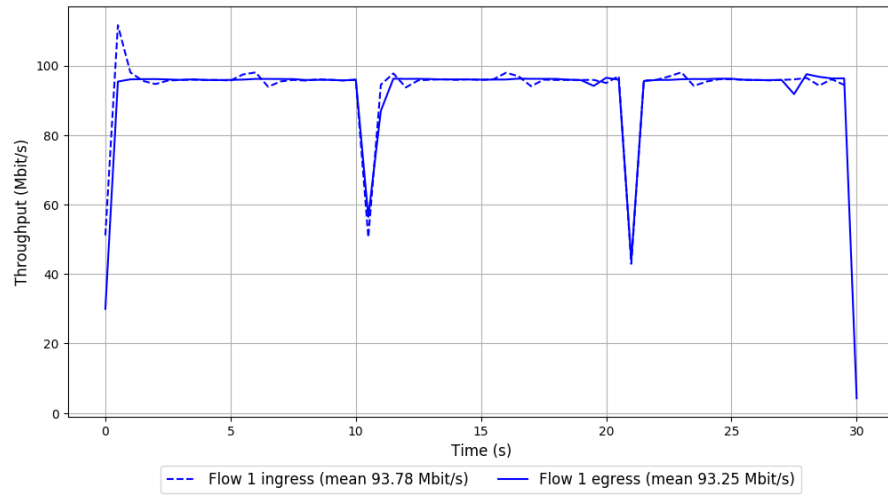
-- Flow 1:

Average throughput: 93.25 Mbit/s

95th percentile per-packet one-way delay: 46.571 ms

Loss rate: 0.56%

Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

Start at: 2018-02-04 12:08:33

End at: 2018-02-04 12:09:03

Local clock offset: 1.153 ms

Remote clock offset: 1.512 ms

Below is generated by plot.py at 2018-02-04 12:38:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.19 Mbit/s

95th percentile per-packet one-way delay: 47.851 ms

Loss rate: 0.99%

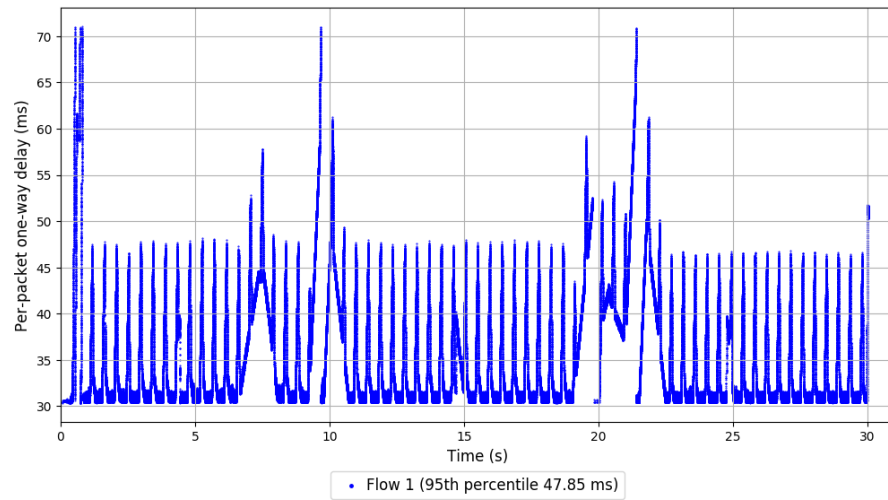
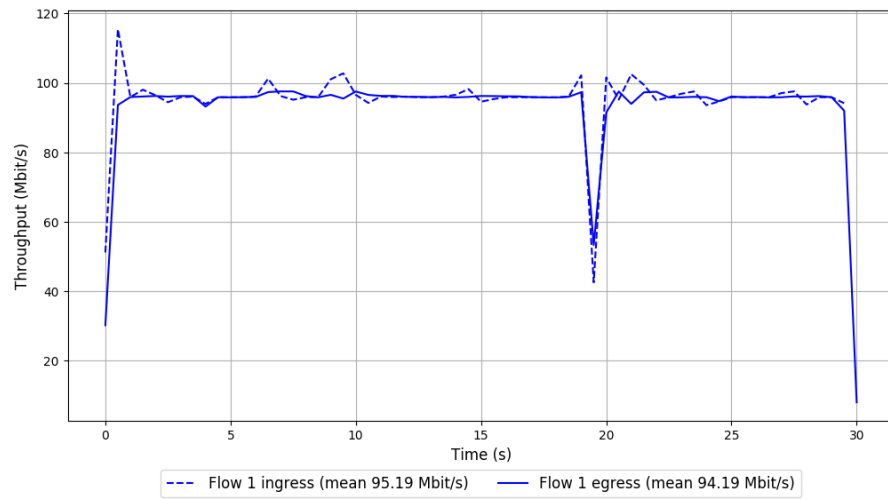
-- Flow 1:

Average throughput: 94.19 Mbit/s

95th percentile per-packet one-way delay: 47.851 ms

Loss rate: 0.99%

Run 10: Report of TCP BBR — Data Link

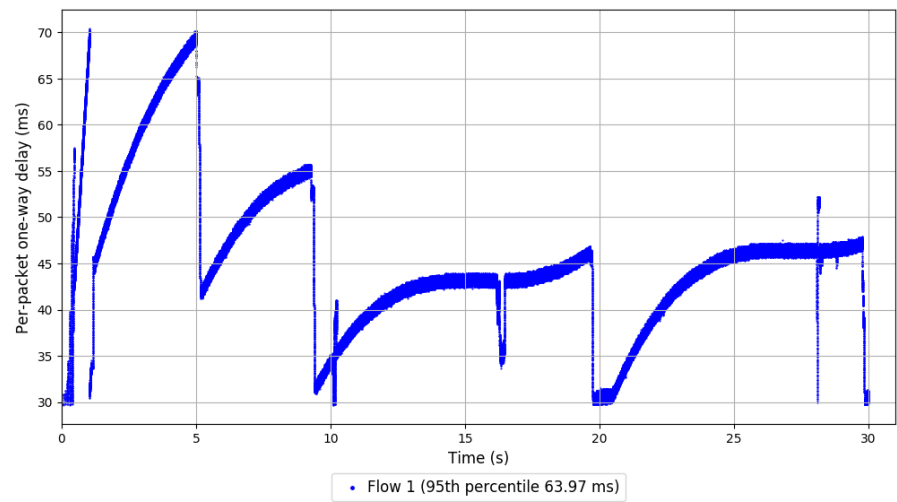
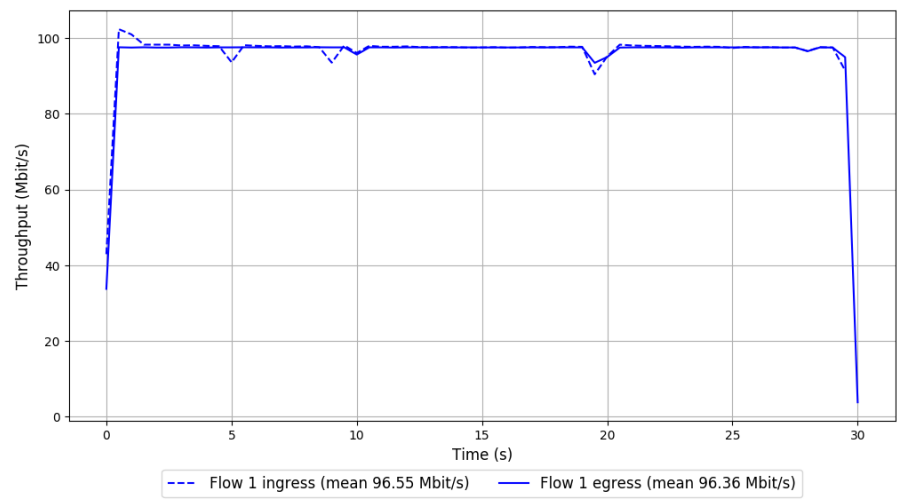


Run 1: Statistics of TCP Cubic

Start at: 2018-02-04 08:34:10
End at: 2018-02-04 08:34:40
Local clock offset: 1.087 ms
Remote clock offset: -0.076 ms

Below is generated by plot.py at 2018-02-04 12:38:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.36 Mbit/s
95th percentile per-packet one-way delay: 63.972 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 96.36 Mbit/s
95th percentile per-packet one-way delay: 63.972 ms
Loss rate: 0.20%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: 2018-02-04 08:58:07

End at: 2018-02-04 08:58:37

Local clock offset: 0.929 ms

Remote clock offset: 0.228 ms

Below is generated by plot.py at 2018-02-04 12:38:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 71.96 Mbit/s

95th percentile per-packet one-way delay: 38.962 ms

Loss rate: 0.11%

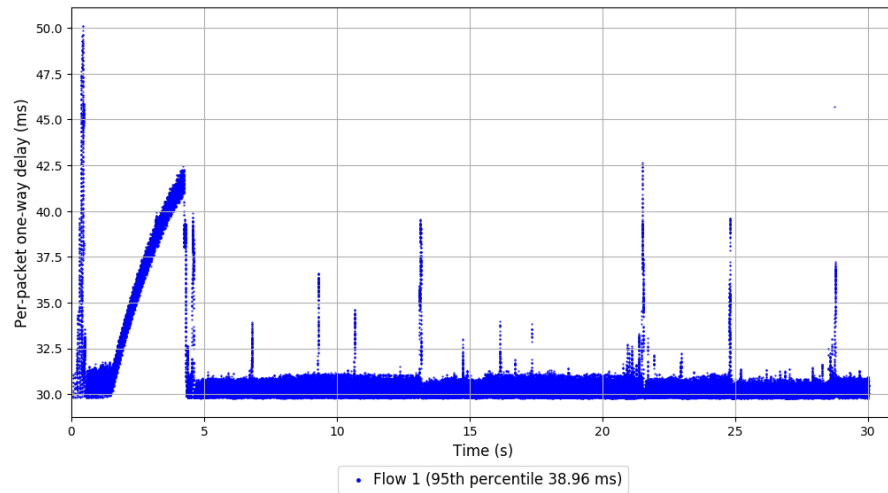
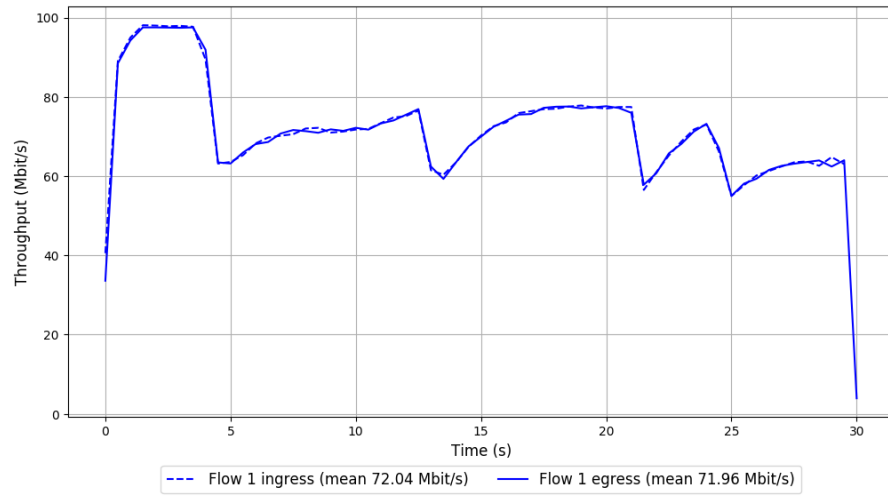
-- Flow 1:

Average throughput: 71.96 Mbit/s

95th percentile per-packet one-way delay: 38.962 ms

Loss rate: 0.11%

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: 2018-02-04 09:22:05

End at: 2018-02-04 09:22:35

Local clock offset: 0.995 ms

Remote clock offset: 1.578 ms

Below is generated by plot.py at 2018-02-04 12:38:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.37 Mbit/s

95th percentile per-packet one-way delay: 67.652 ms

Loss rate: 0.20%

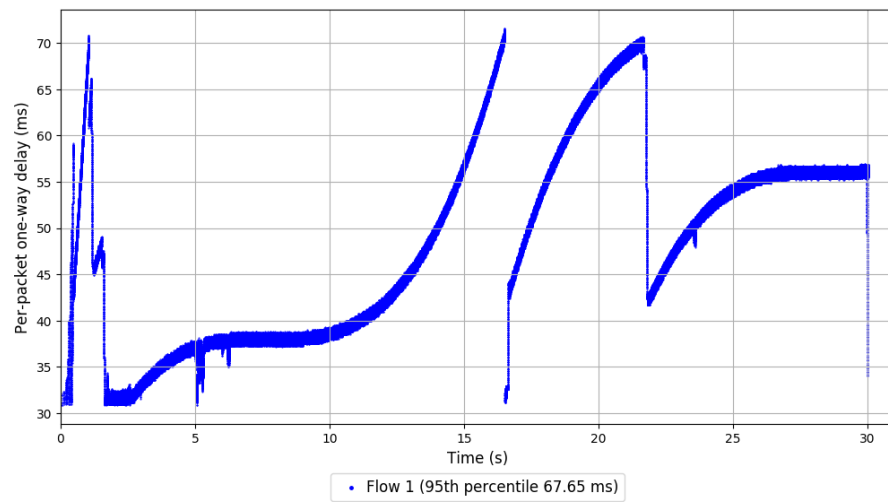
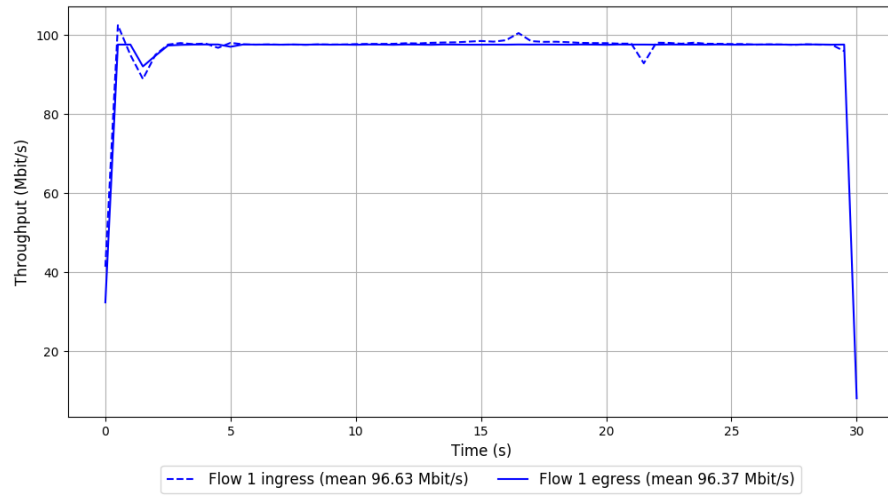
-- Flow 1:

Average throughput: 96.37 Mbit/s

95th percentile per-packet one-way delay: 67.652 ms

Loss rate: 0.20%

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: 2018-02-04 09:46:08

End at: 2018-02-04 09:46:38

Local clock offset: 0.653 ms

Remote clock offset: 2.445 ms

Below is generated by plot.py at 2018-02-04 12:38:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.23 Mbit/s

95th percentile per-packet one-way delay: 64.153 ms

Loss rate: 0.20%

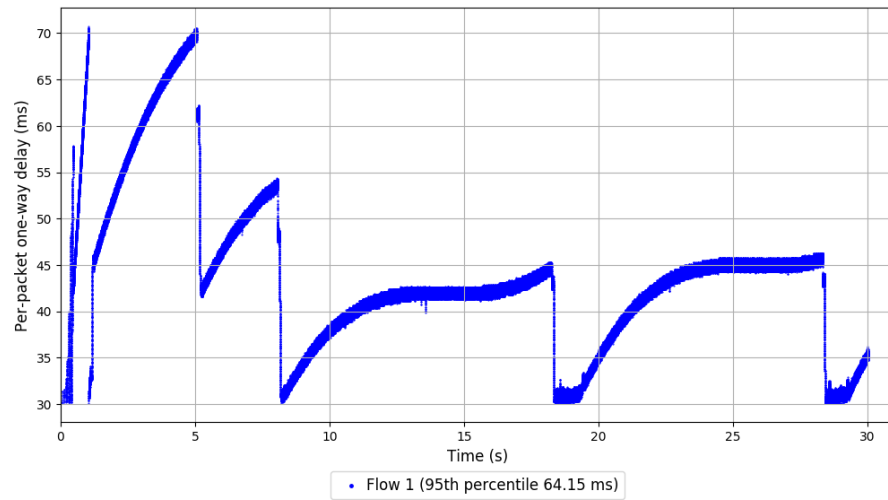
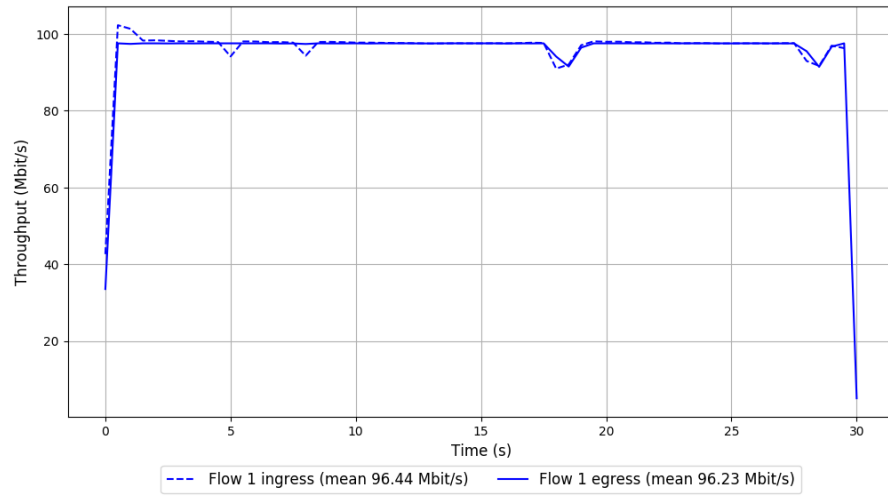
-- Flow 1:

Average throughput: 96.23 Mbit/s

95th percentile per-packet one-way delay: 64.153 ms

Loss rate: 0.20%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

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

End at: 2018-02-04 10:10:34

Local clock offset: 0.666 ms

Remote clock offset: 1.77 ms

Below is generated by plot.py at 2018-02-04 12:38:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 65.80 Mbit/s

95th percentile per-packet one-way delay: 34.648 ms

Loss rate: 0.35%

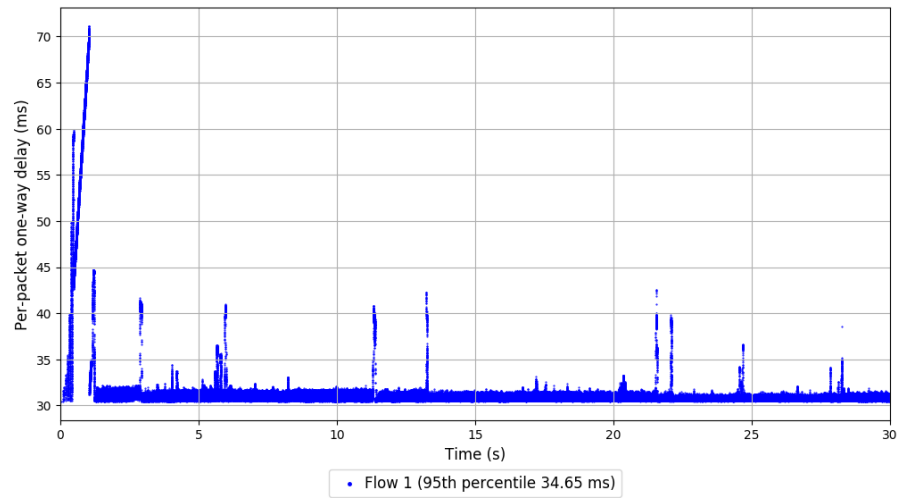
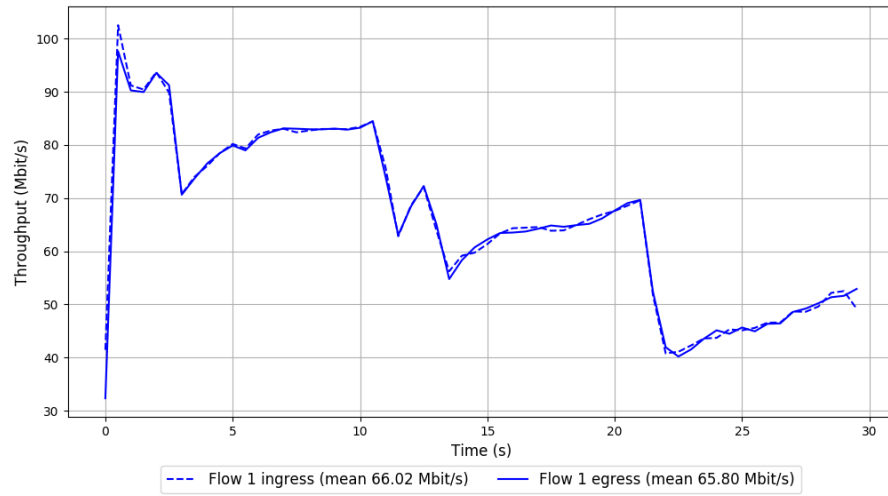
-- Flow 1:

Average throughput: 65.80 Mbit/s

95th percentile per-packet one-way delay: 34.648 ms

Loss rate: 0.35%

Run 5: Report of TCP Cubic — Data Link



Run 6: Statistics of TCP Cubic

Start at: 2018-02-04 10:33:55

End at: 2018-02-04 10:34:25

Local clock offset: 0.823 ms

Remote clock offset: -0.53 ms

Below is generated by plot.py at 2018-02-04 12:38:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.54 Mbit/s

95th percentile per-packet one-way delay: 66.407 ms

Loss rate: 0.28%

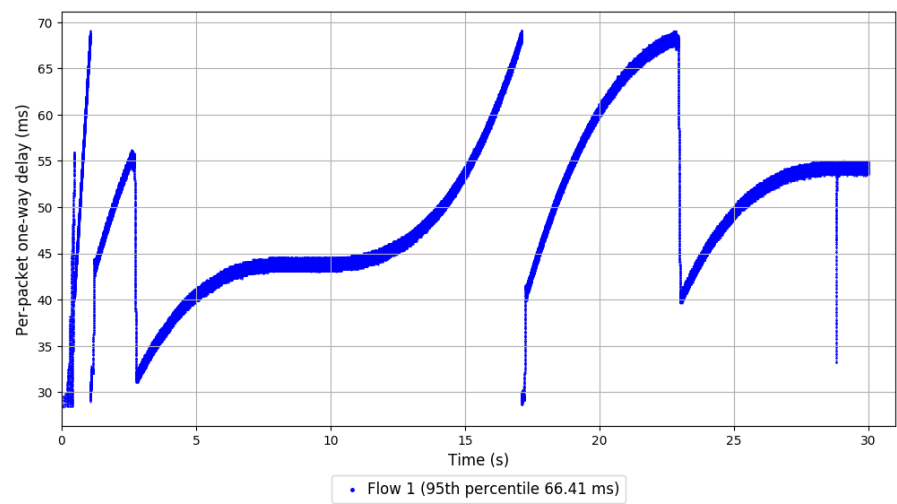
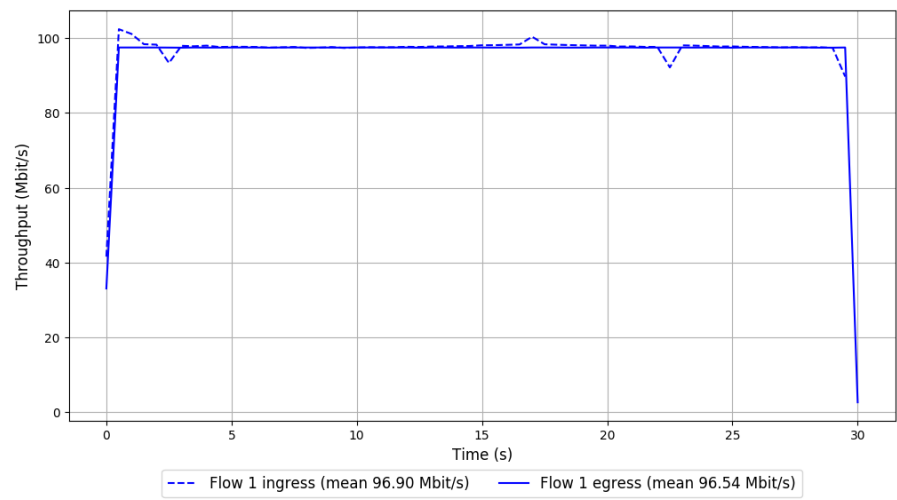
-- Flow 1:

Average throughput: 96.54 Mbit/s

95th percentile per-packet one-way delay: 66.407 ms

Loss rate: 0.28%

Run 6: Report of TCP Cubic — Data Link

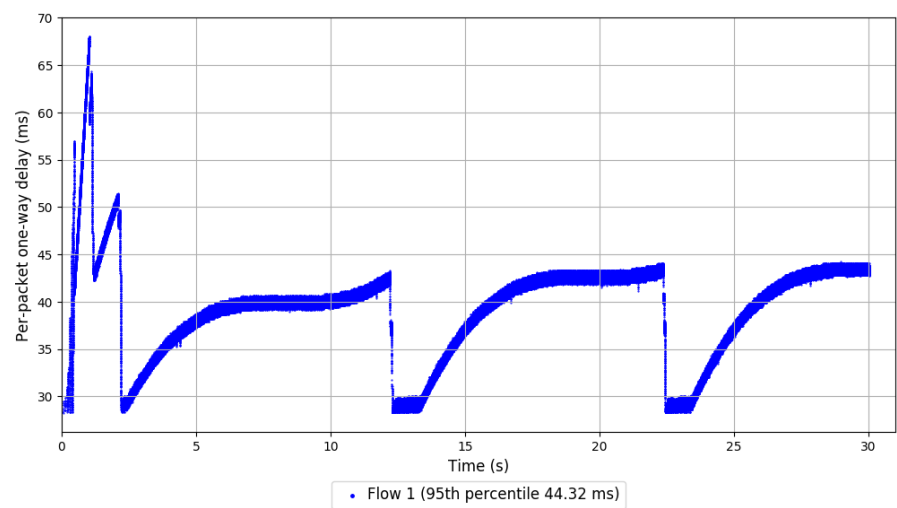
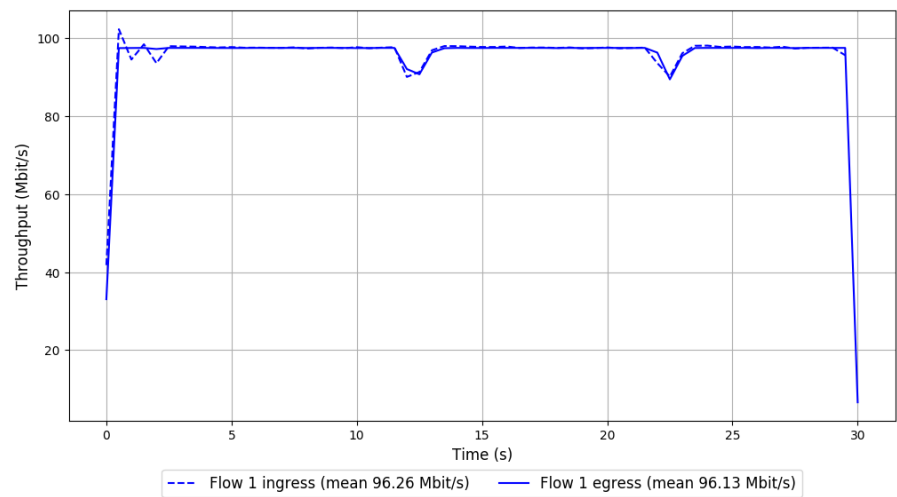


Run 7: Statistics of TCP Cubic

Start at: 2018-02-04 10:57:56
End at: 2018-02-04 10:58:26
Local clock offset: 1.033 ms
Remote clock offset: -0.702 ms

Below is generated by plot.py at 2018-02-04 12:39:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.13 Mbit/s
95th percentile per-packet one-way delay: 44.319 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 96.13 Mbit/s
95th percentile per-packet one-way delay: 44.319 ms
Loss rate: 0.09%

Run 7: Report of TCP Cubic — Data Link

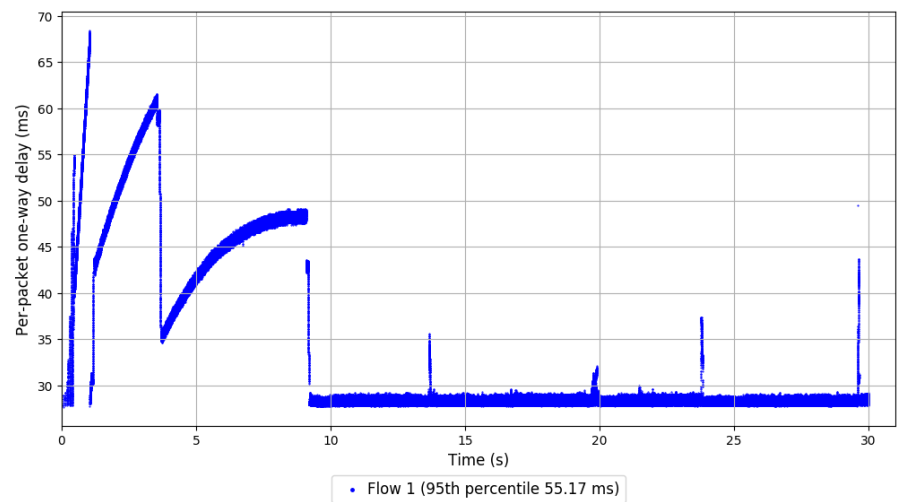
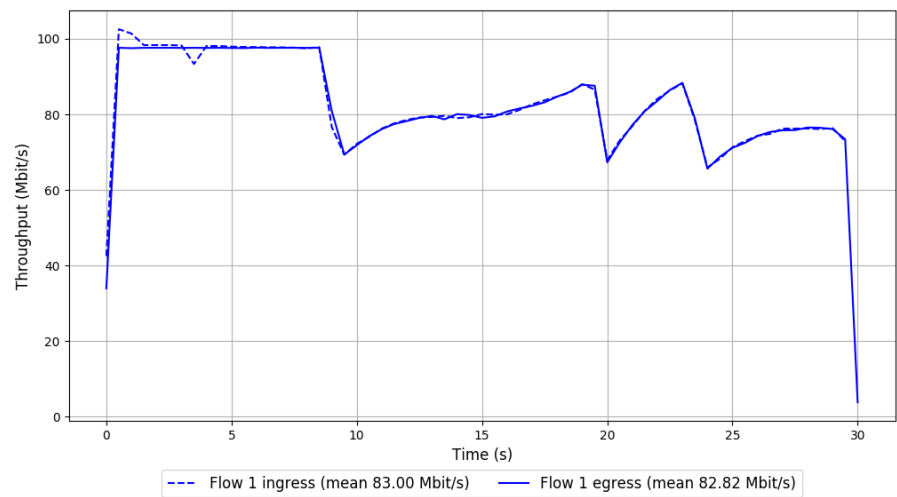


Run 8: Statistics of TCP Cubic

Start at: 2018-02-04 11:21:54
End at: 2018-02-04 11:22:25
Local clock offset: 0.928 ms
Remote clock offset: -0.921 ms

Below is generated by plot.py at 2018-02-04 12:39:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.82 Mbit/s
95th percentile per-packet one-way delay: 55.166 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 82.82 Mbit/s
95th percentile per-packet one-way delay: 55.166 ms
Loss rate: 0.22%

Run 8: Report of TCP Cubic — Data Link



Run 9: Statistics of TCP Cubic

Start at: 2018-02-04 11:45:51

End at: 2018-02-04 11:46:21

Local clock offset: 1.073 ms

Remote clock offset: 1.918 ms

Below is generated by plot.py at 2018-02-04 12:39:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.36 Mbit/s

95th percentile per-packet one-way delay: 50.960 ms

Loss rate: 0.21%

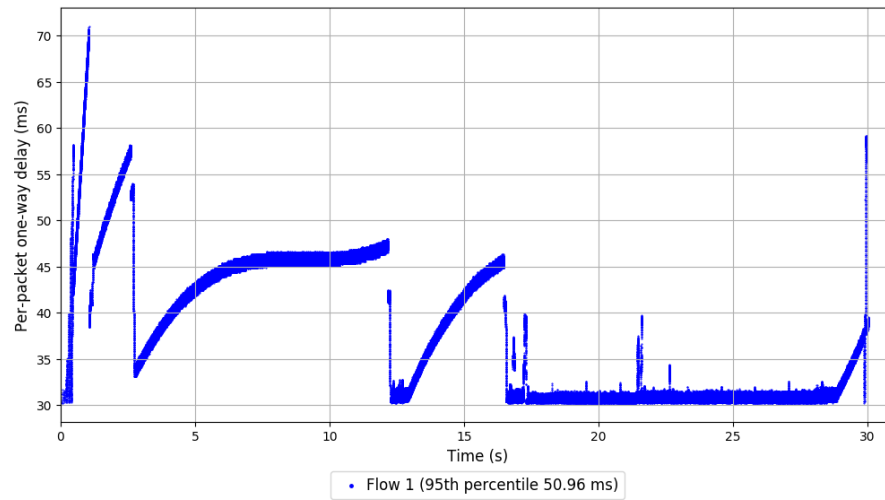
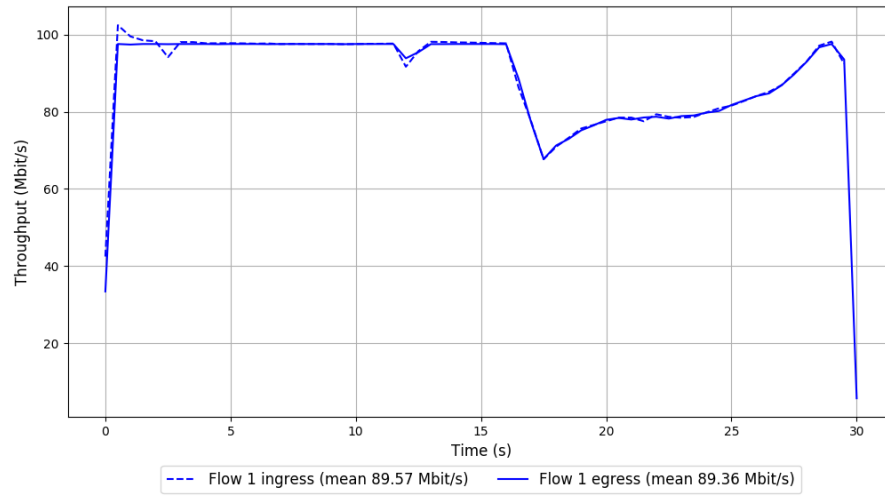
-- Flow 1:

Average throughput: 89.36 Mbit/s

95th percentile per-packet one-way delay: 50.960 ms

Loss rate: 0.21%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2018-02-04 12:09:53

End at: 2018-02-04 12:10:23

Local clock offset: 1.072 ms

Remote clock offset: 1.648 ms

Below is generated by plot.py at 2018-02-04 12:39:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.23 Mbit/s

95th percentile per-packet one-way delay: 60.095 ms

Loss rate: 0.20%

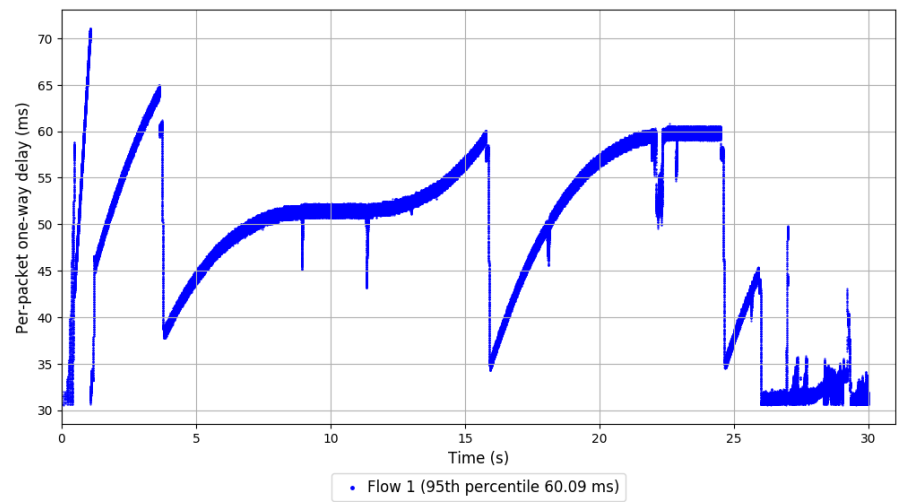
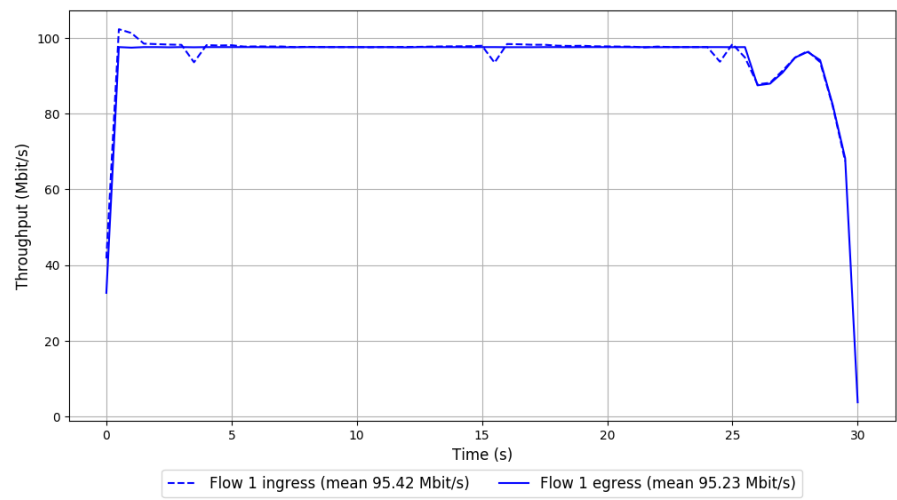
-- Flow 1:

Average throughput: 95.23 Mbit/s

95th percentile per-packet one-way delay: 60.095 ms

Loss rate: 0.20%

Run 10: Report of TCP Cubic — Data Link

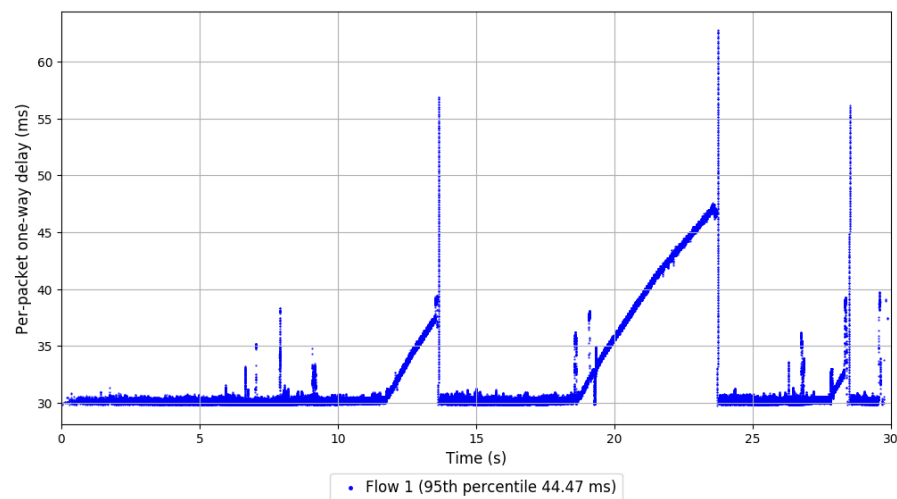
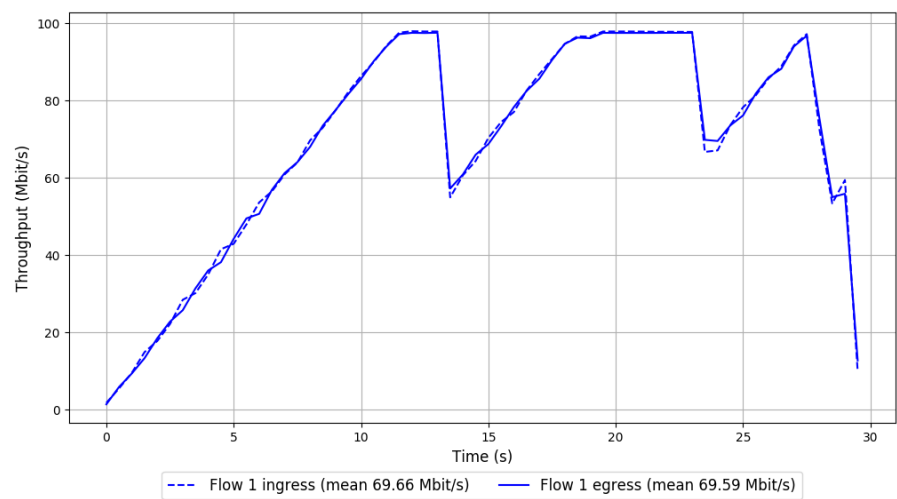


```
Run 1: Statistics of LEDBAT

Start at: 2018-02-04 08:12:25
End at: 2018-02-04 08:12:55
Local clock offset: 0.992 ms
Remote clock offset: 0.733 ms

# Below is generated by plot.py at 2018-02-04 12:39:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 69.59 Mbit/s
95th percentile per-packet one-way delay: 44.474 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 69.59 Mbit/s
95th percentile per-packet one-way delay: 44.474 ms
Loss rate: 0.07%
```

Run 1: Report of LEDBAT — Data Link

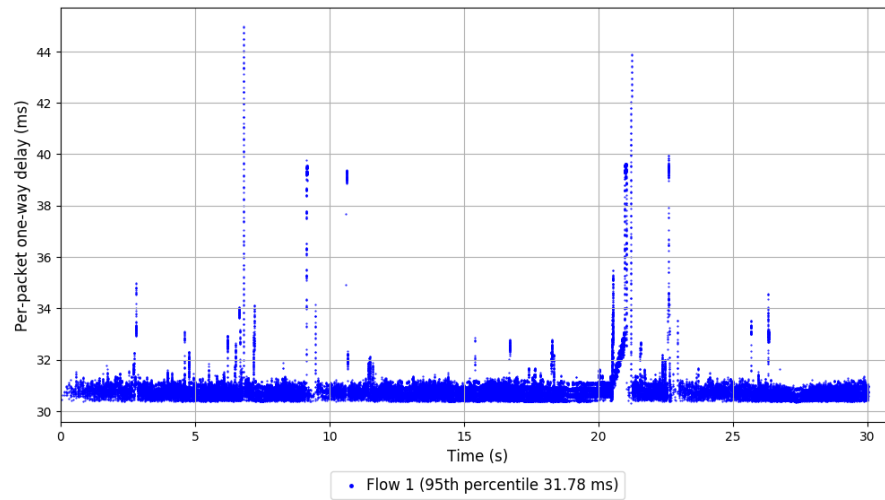
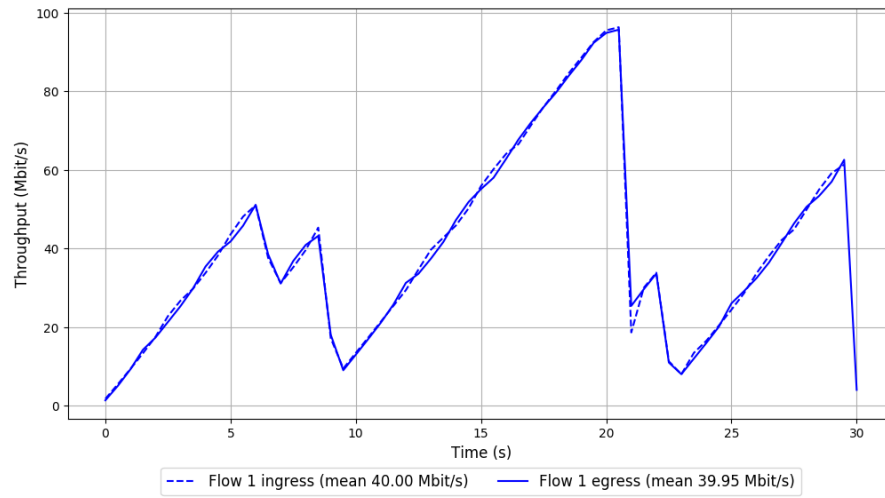


Run 2: Statistics of LEDBAT

Start at: 2018-02-04 08:36:51
End at: 2018-02-04 08:37:21
Local clock offset: 1.057 ms
Remote clock offset: -0.157 ms

Below is generated by plot.py at 2018-02-04 12:39:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 39.95 Mbit/s
95th percentile per-packet one-way delay: 31.779 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 39.95 Mbit/s
95th percentile per-packet one-way delay: 31.779 ms
Loss rate: 0.12%

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: 2018-02-04 09:00:48

End at: 2018-02-04 09:01:18

Local clock offset: 1.004 ms

Remote clock offset: 0.234 ms

Below is generated by plot.py at 2018-02-04 12:39:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 53.95 Mbit/s

95th percentile per-packet one-way delay: 38.832 ms

Loss rate: 0.08%

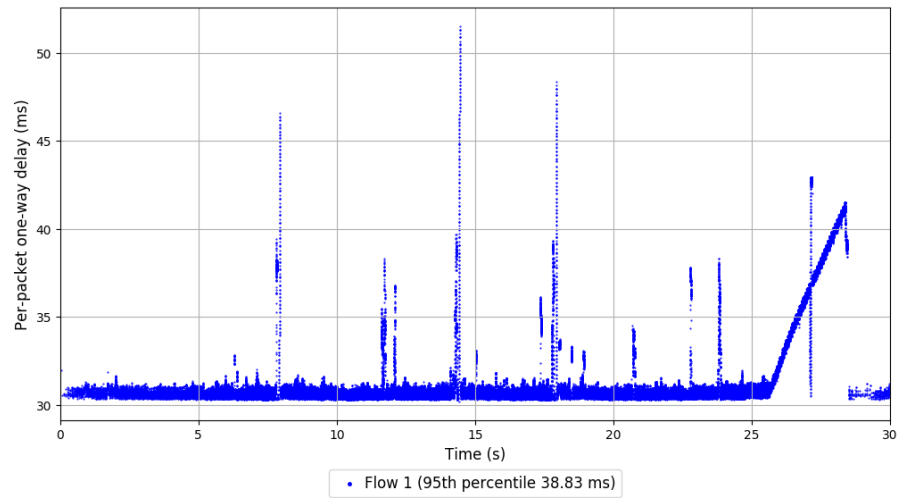
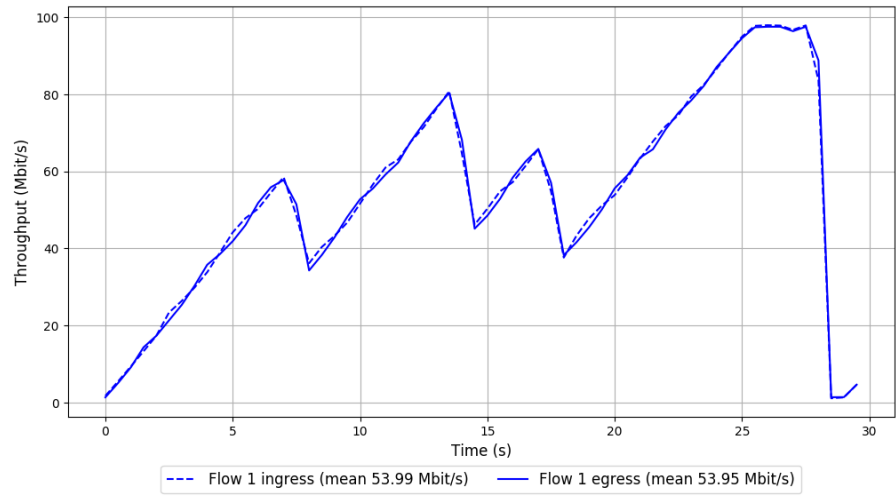
-- Flow 1:

Average throughput: 53.95 Mbit/s

95th percentile per-packet one-way delay: 38.832 ms

Loss rate: 0.08%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: 2018-02-04 09:24:45

End at: 2018-02-04 09:25:15

Local clock offset: 1.0 ms

Remote clock offset: 1.15 ms

Below is generated by plot.py at 2018-02-04 12:39:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 42.90 Mbit/s

95th percentile per-packet one-way delay: 34.696 ms

Loss rate: 0.11%

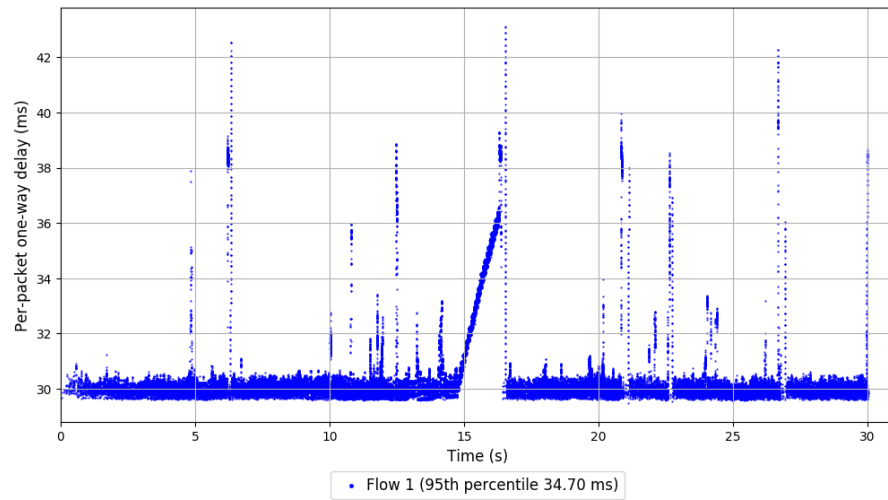
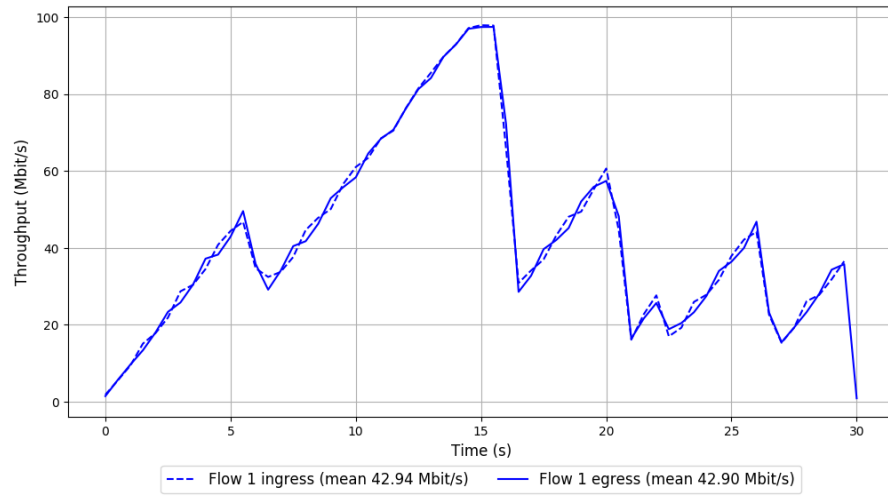
-- Flow 1:

Average throughput: 42.90 Mbit/s

95th percentile per-packet one-way delay: 34.696 ms

Loss rate: 0.11%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: 2018-02-04 09:48:48

End at: 2018-02-04 09:49:18

Local clock offset: 0.676 ms

Remote clock offset: 0.102 ms

Below is generated by plot.py at 2018-02-04 12:39:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 54.50 Mbit/s

95th percentile per-packet one-way delay: 38.017 ms

Loss rate: 0.05%

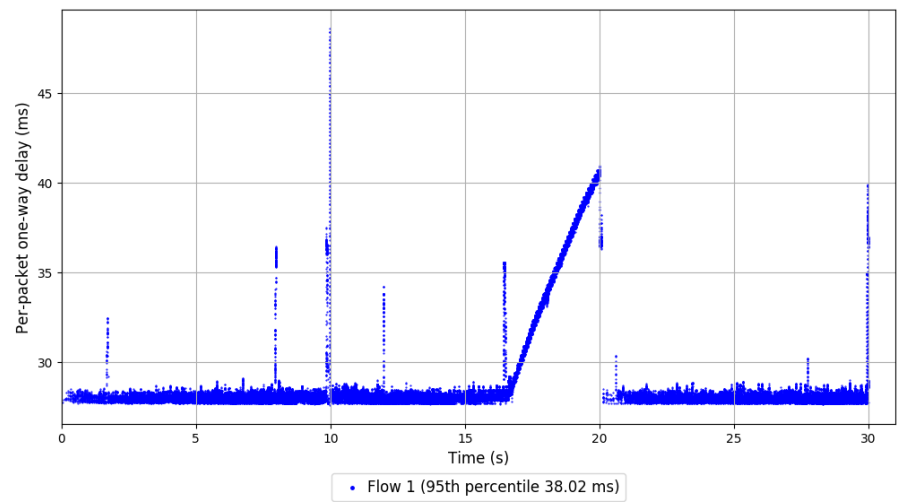
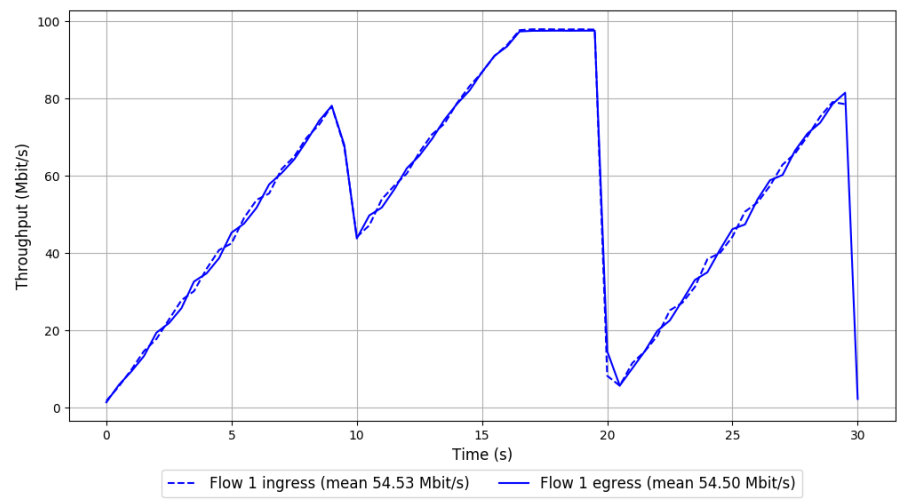
-- Flow 1:

Average throughput: 54.50 Mbit/s

95th percentile per-packet one-way delay: 38.017 ms

Loss rate: 0.05%

Run 5: Report of LEDBAT — Data Link



Run 6: Statistics of LEDBAT

Start at: 2018-02-04 10:12:42

End at: 2018-02-04 10:13:12

Local clock offset: 0.778 ms

Remote clock offset: 1.817 ms

Below is generated by plot.py at 2018-02-04 12:40:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 59.66 Mbit/s

95th percentile per-packet one-way delay: 41.959 ms

Loss rate: 0.03%

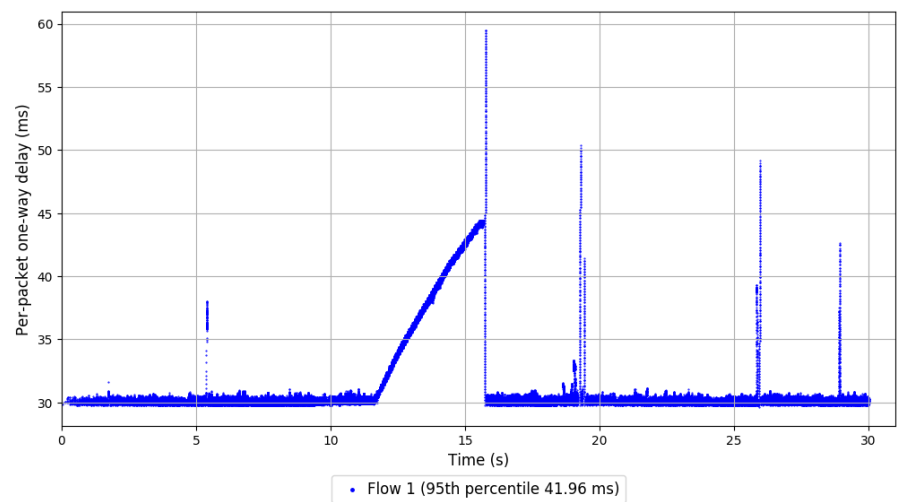
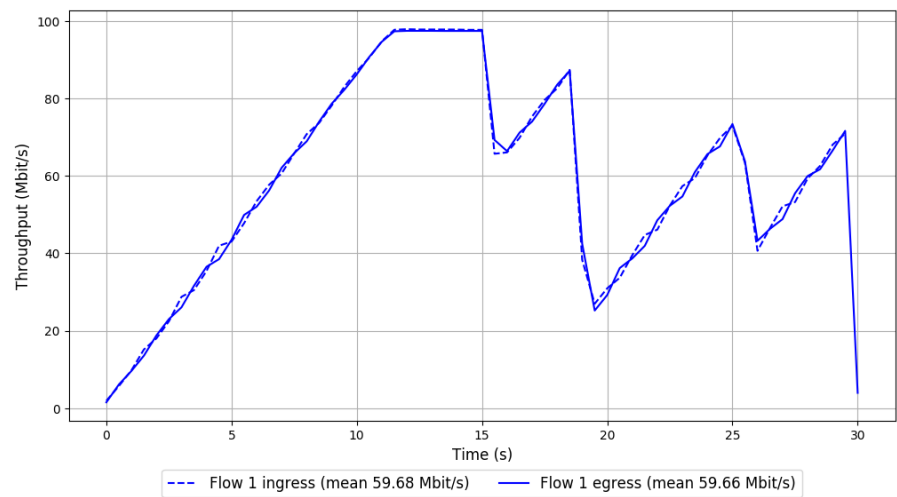
-- Flow 1:

Average throughput: 59.66 Mbit/s

95th percentile per-packet one-way delay: 41.959 ms

Loss rate: 0.03%

Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

Start at: 2018-02-04 10:36:36

End at: 2018-02-04 10:37:06

Local clock offset: 0.887 ms

Remote clock offset: 1.591 ms

Below is generated by plot.py at 2018-02-04 12:40:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 48.67 Mbit/s

95th percentile per-packet one-way delay: 35.597 ms

Loss rate: 0.06%

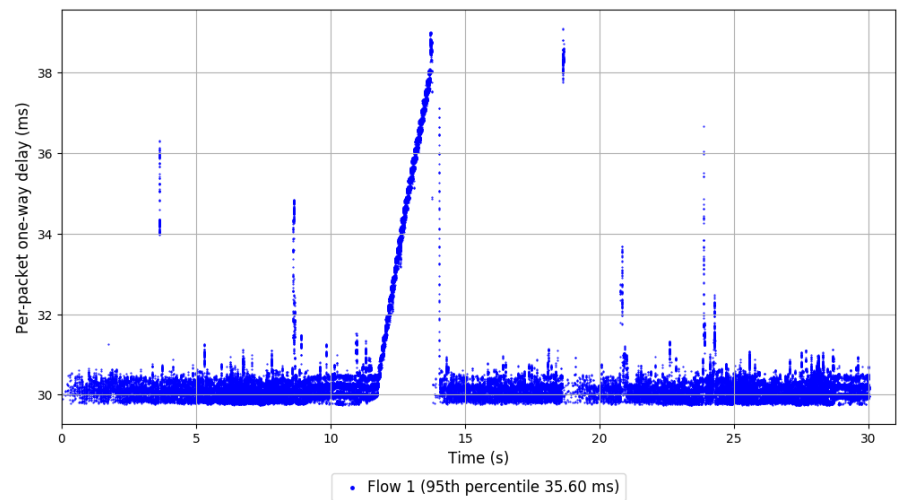
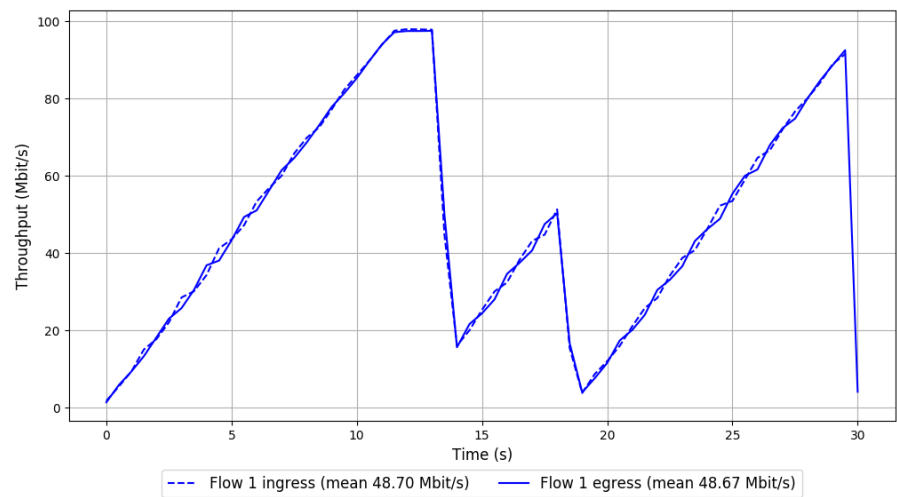
-- Flow 1:

Average throughput: 48.67 Mbit/s

95th percentile per-packet one-way delay: 35.597 ms

Loss rate: 0.06%

Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: 2018-02-04 11:00:36

End at: 2018-02-04 11:01:06

Local clock offset: 1.048 ms

Remote clock offset: 1.343 ms

Below is generated by plot.py at 2018-02-04 12:40:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 34.92 Mbit/s

95th percentile per-packet one-way delay: 31.155 ms

Loss rate: 0.19%

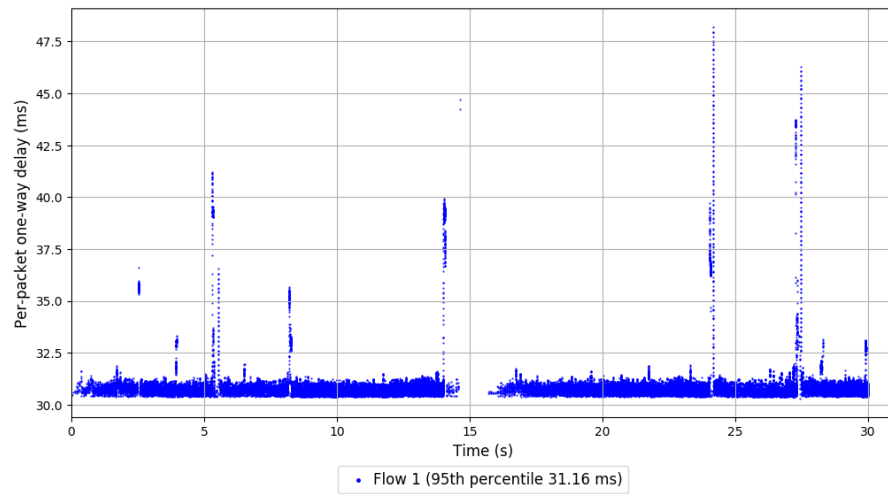
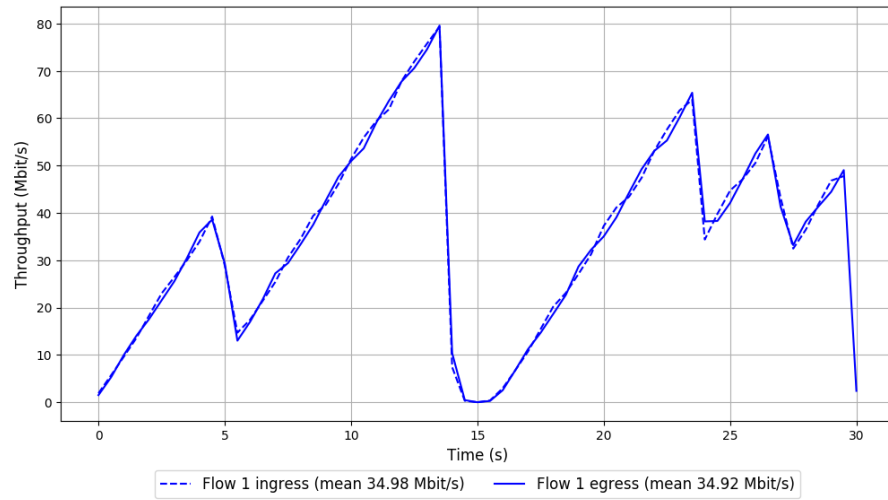
-- Flow 1:

Average throughput: 34.92 Mbit/s

95th percentile per-packet one-way delay: 31.155 ms

Loss rate: 0.19%

Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

Start at: 2018-02-04 11:24:34

End at: 2018-02-04 11:25:04

Local clock offset: 1.006 ms

Remote clock offset: 1.02 ms

Below is generated by plot.py at 2018-02-04 12:40:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 57.94 Mbit/s

95th percentile per-packet one-way delay: 54.739 ms

Loss rate: 0.07%

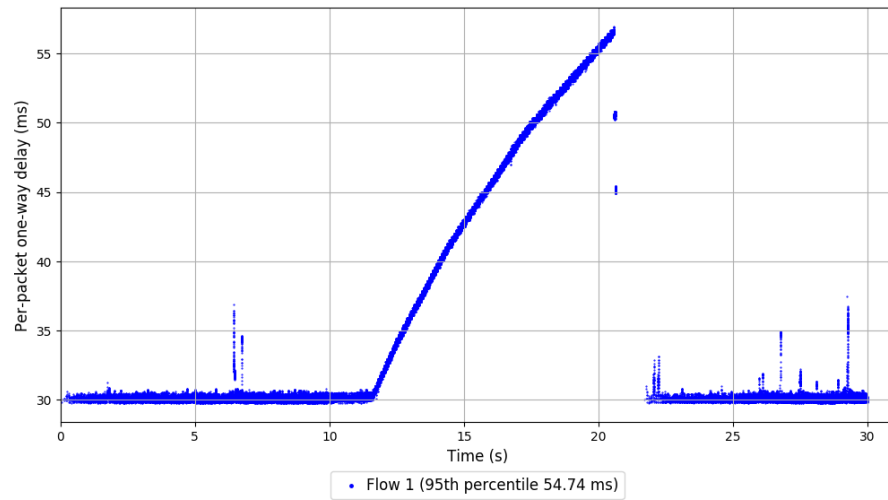
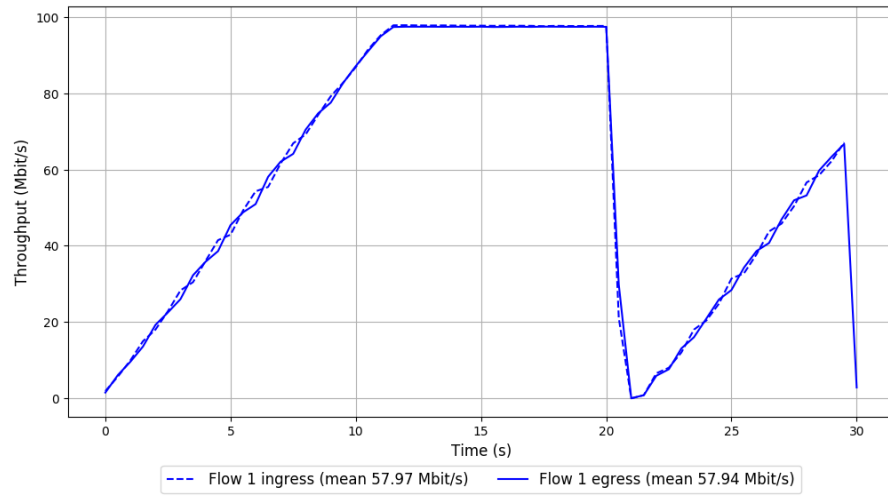
-- Flow 1:

Average throughput: 57.94 Mbit/s

95th percentile per-packet one-way delay: 54.739 ms

Loss rate: 0.07%

Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: 2018-02-04 11:48:31

End at: 2018-02-04 11:49:01

Local clock offset: 1.112 ms

Remote clock offset: 2.076 ms

Below is generated by plot.py at 2018-02-04 12:40:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 76.96 Mbit/s

95th percentile per-packet one-way delay: 54.252 ms

Loss rate: 0.01%

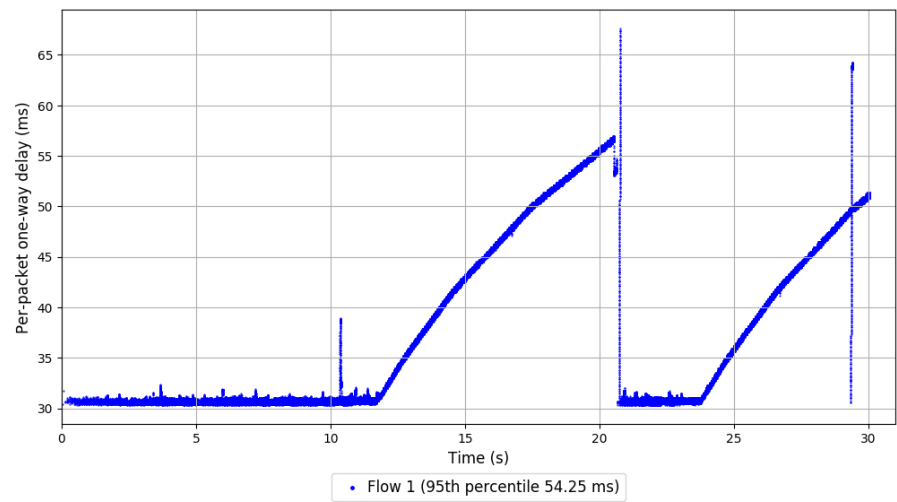
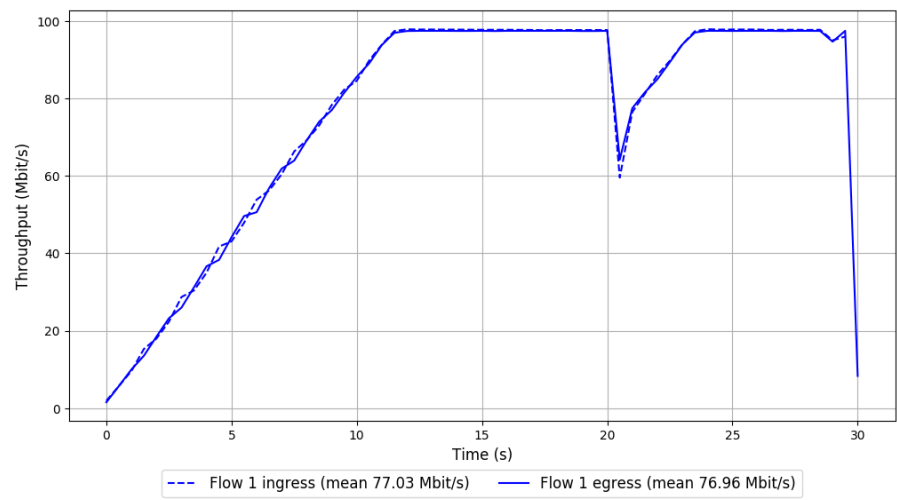
-- Flow 1:

Average throughput: 76.96 Mbit/s

95th percentile per-packet one-way delay: 54.252 ms

Loss rate: 0.01%

Run 10: Report of LEDBAT — Data Link

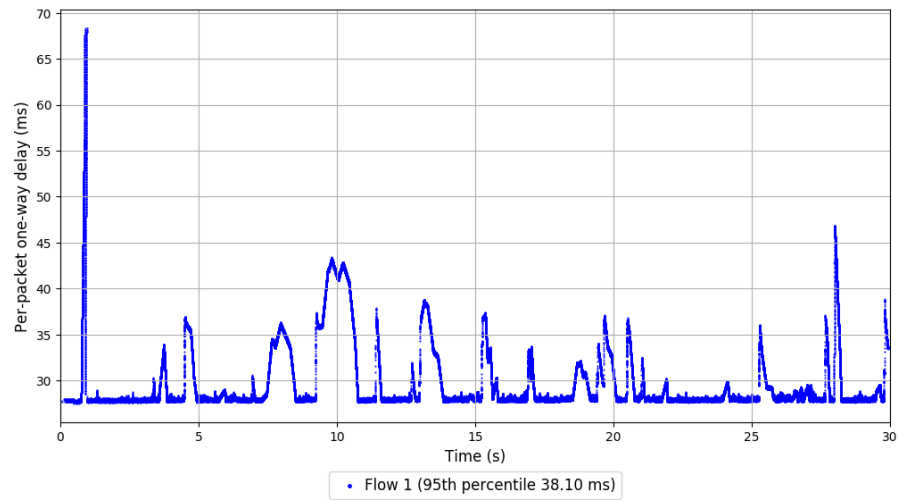
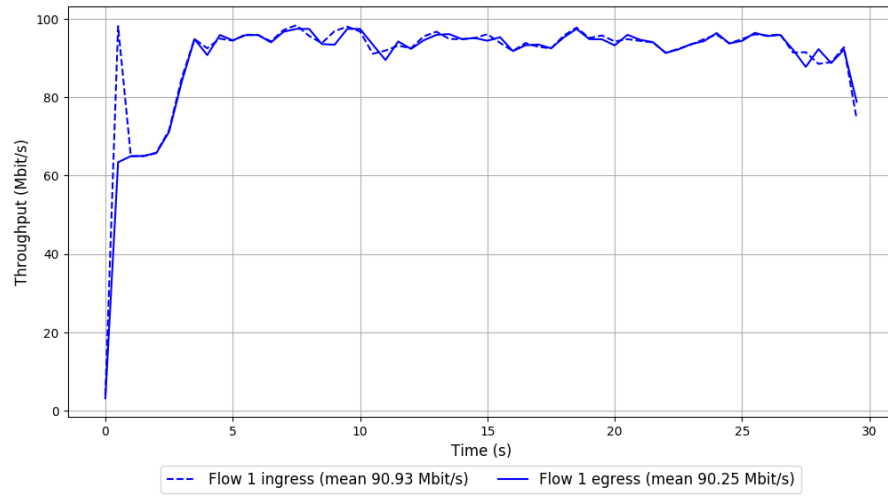


Run 1: Statistics of PCC

Start at: 2018-02-04 08:27:30
End at: 2018-02-04 08:28:01
Local clock offset: 1.008 ms
Remote clock offset: -2.024 ms

Below is generated by plot.py at 2018-02-04 12:41:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.25 Mbit/s
95th percentile per-packet one-way delay: 38.100 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 90.25 Mbit/s
95th percentile per-packet one-way delay: 38.100 ms
Loss rate: 0.72%

Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

Start at: 2018-02-04 08:51:36

End at: 2018-02-04 08:52:06

Local clock offset: 1.022 ms

Remote clock offset: 0.521 ms

Below is generated by plot.py at 2018-02-04 12:41:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.40 Mbit/s

95th percentile per-packet one-way delay: 38.875 ms

Loss rate: 0.58%

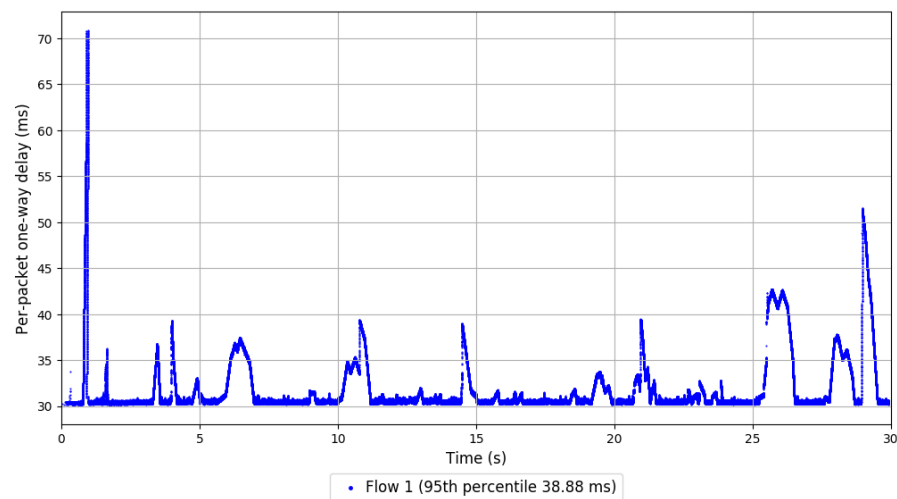
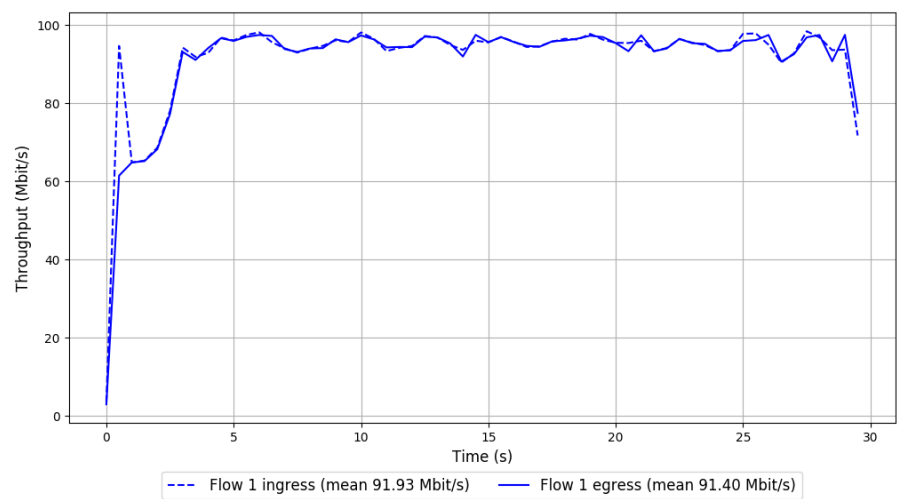
-- Flow 1:

Average throughput: 91.40 Mbit/s

95th percentile per-packet one-way delay: 38.875 ms

Loss rate: 0.58%

Run 2: Report of PCC — Data Link



Run 3: Statistics of PCC

Start at: 2018-02-04 09:15:36

End at: 2018-02-04 09:16:06

Local clock offset: 0.902 ms

Remote clock offset: 0.762 ms

Below is generated by plot.py at 2018-02-04 12:41:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.27 Mbit/s

95th percentile per-packet one-way delay: 35.803 ms

Loss rate: 0.56%

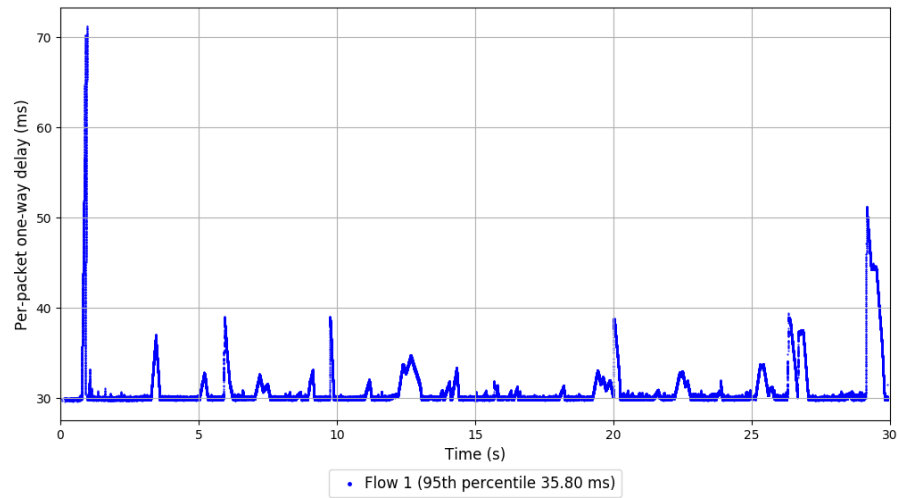
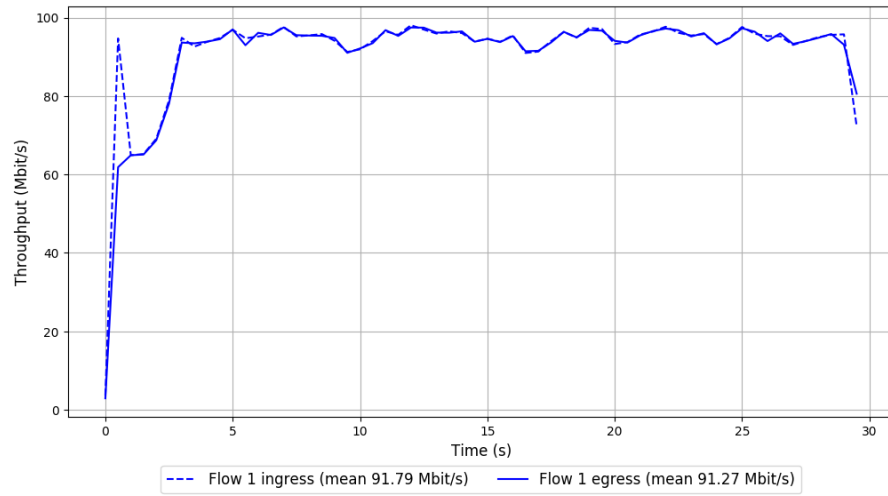
-- Flow 1:

Average throughput: 91.27 Mbit/s

95th percentile per-packet one-way delay: 35.803 ms

Loss rate: 0.56%

Run 3: Report of PCC — Data Link



Run 4: Statistics of PCC

Start at: 2018-02-04 09:39:38

End at: 2018-02-04 09:40:08

Local clock offset: 0.714 ms

Remote clock offset: 1.917 ms

Below is generated by plot.py at 2018-02-04 12:41:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.83 Mbit/s

95th percentile per-packet one-way delay: 37.098 ms

Loss rate: 0.68%

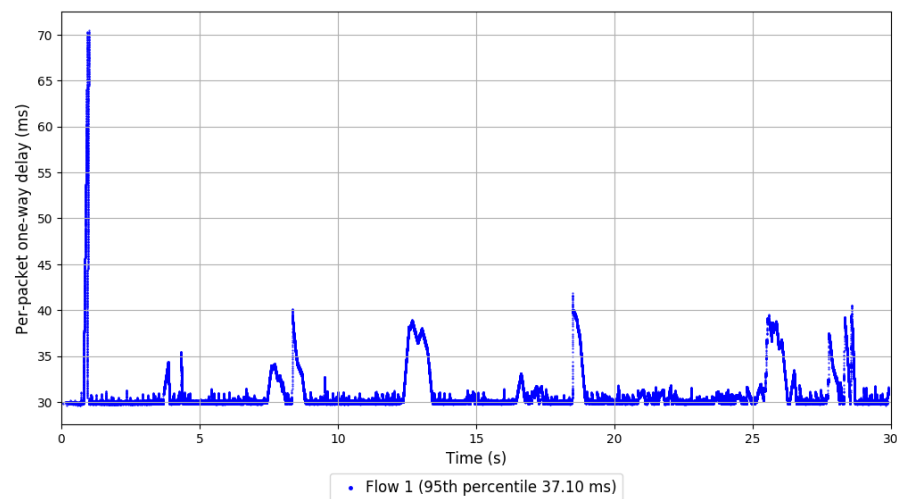
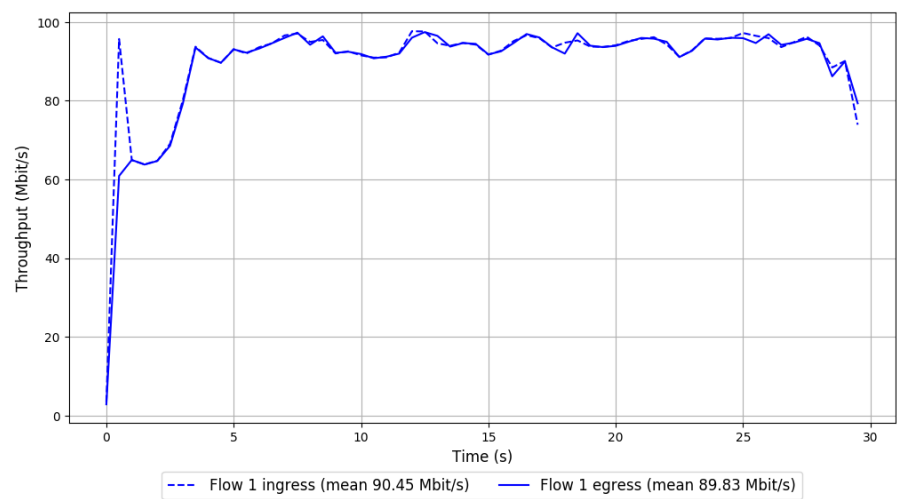
-- Flow 1:

Average throughput: 89.83 Mbit/s

95th percentile per-packet one-way delay: 37.098 ms

Loss rate: 0.68%

Run 4: Report of PCC — Data Link



Run 5: Statistics of PCC

Start at: 2018-02-04 10:03:34

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

Local clock offset: 0.687 ms

Remote clock offset: 2.446 ms

Below is generated by plot.py at 2018-02-04 12:41:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.51 Mbit/s

95th percentile per-packet one-way delay: 42.441 ms

Loss rate: 0.58%

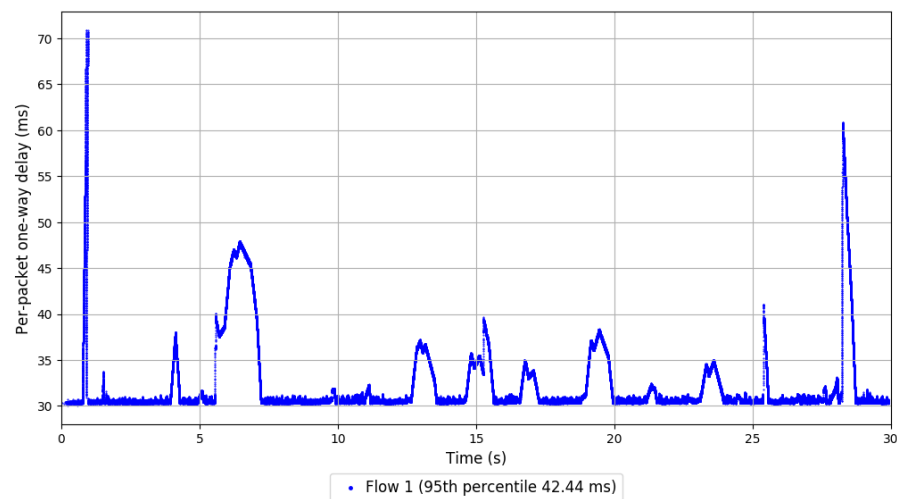
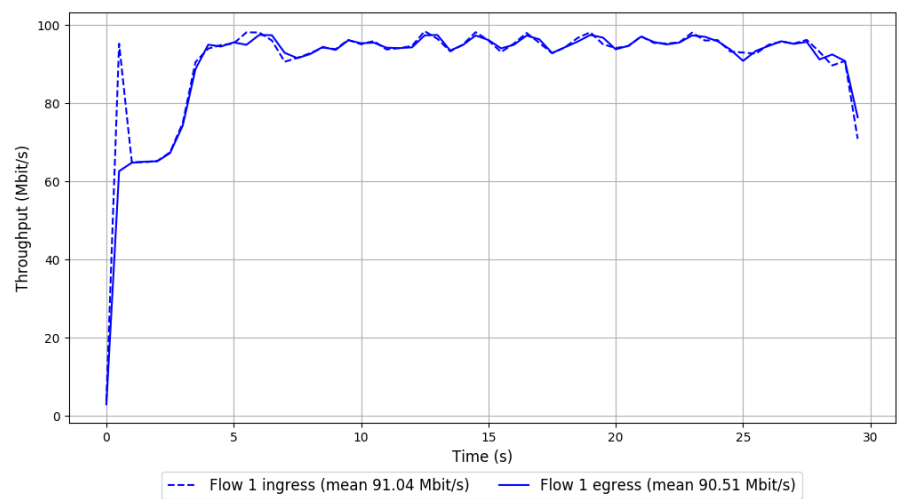
-- Flow 1:

Average throughput: 90.51 Mbit/s

95th percentile per-packet one-way delay: 42.441 ms

Loss rate: 0.58%

Run 5: Report of PCC — Data Link

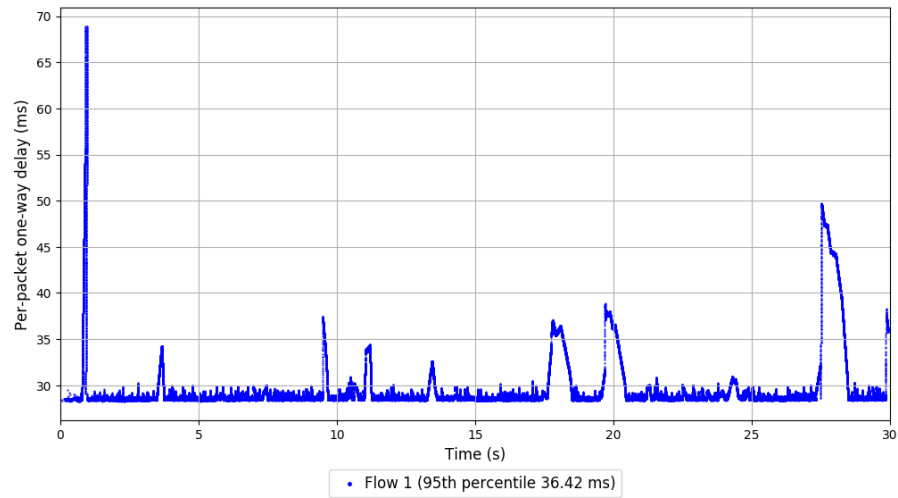
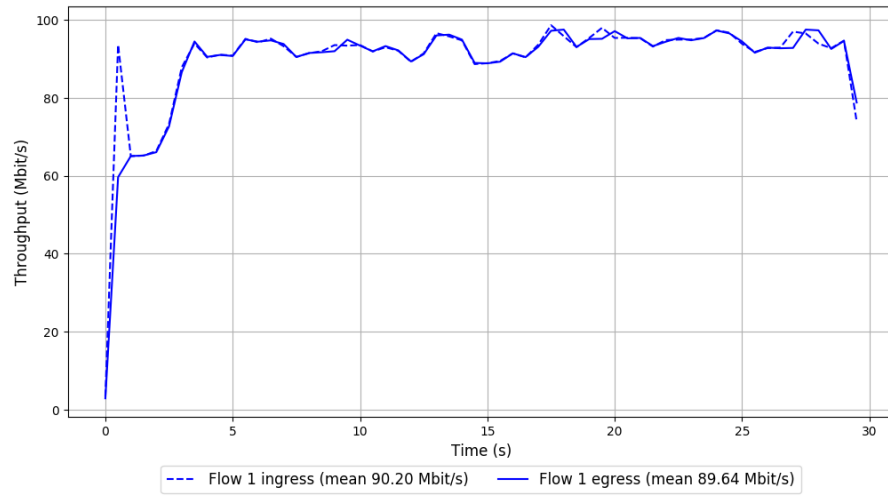


Run 6: Statistics of PCC

Start at: 2018-02-04 10:27:27
End at: 2018-02-04 10:27:57
Local clock offset: 0.844 ms
Remote clock offset: -0.514 ms

Below is generated by plot.py at 2018-02-04 12:41:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.64 Mbit/s
95th percentile per-packet one-way delay: 36.418 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 89.64 Mbit/s
95th percentile per-packet one-way delay: 36.418 ms
Loss rate: 0.60%

Run 6: Report of PCC — Data Link



Run 7: Statistics of PCC

Start at: 2018-02-04 10:51:25

End at: 2018-02-04 10:51:55

Local clock offset: 0.997 ms

Remote clock offset: 1.339 ms

Below is generated by plot.py at 2018-02-04 12:41:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.17 Mbit/s

95th percentile per-packet one-way delay: 48.336 ms

Loss rate: 0.61%

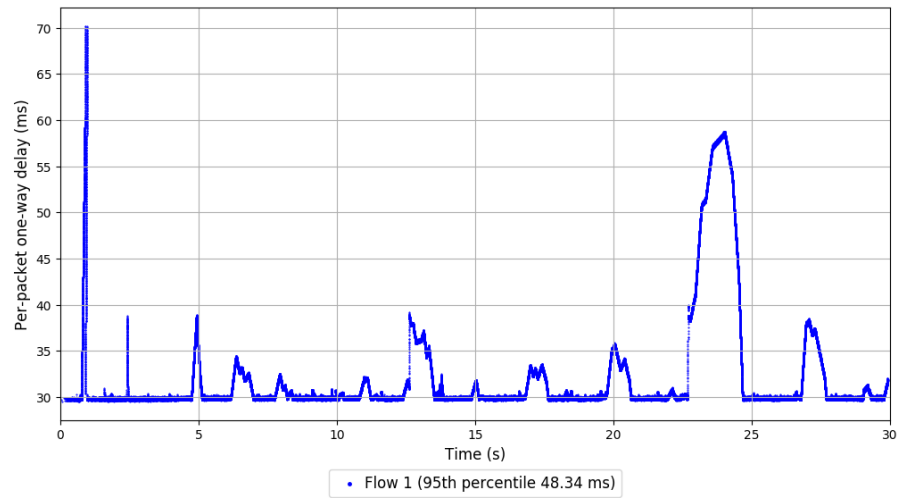
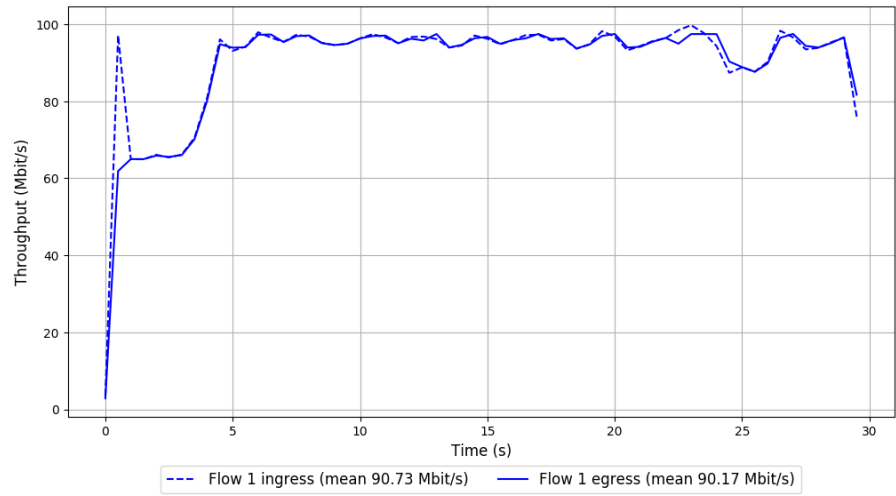
-- Flow 1:

Average throughput: 90.17 Mbit/s

95th percentile per-packet one-way delay: 48.336 ms

Loss rate: 0.61%

Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

Start at: 2018-02-04 11:15:23

End at: 2018-02-04 11:15:53

Local clock offset: 1.052 ms

Remote clock offset: 1.685 ms

Below is generated by plot.py at 2018-02-04 12:41:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.67 Mbit/s

95th percentile per-packet one-way delay: 37.323 ms

Loss rate: 0.55%

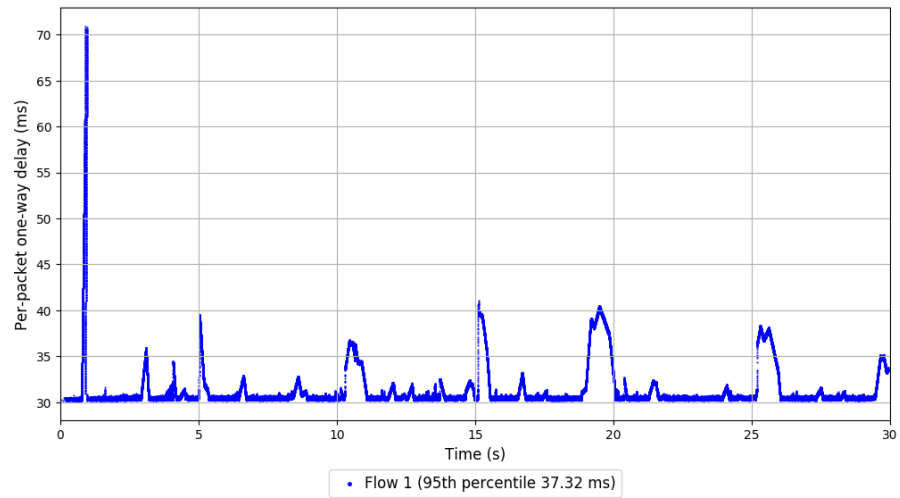
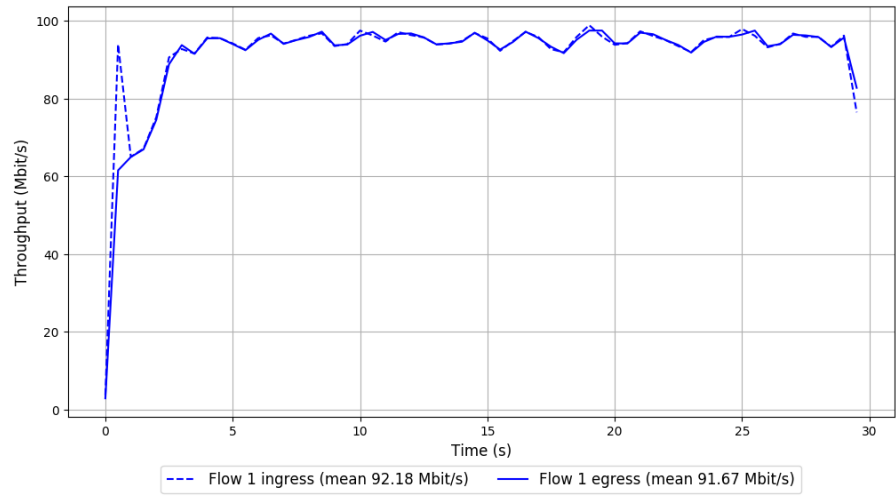
-- Flow 1:

Average throughput: 91.67 Mbit/s

95th percentile per-packet one-way delay: 37.323 ms

Loss rate: 0.55%

Run 8: Report of PCC — Data Link



Run 9: Statistics of PCC

Start at: 2018-02-04 11:39:21

End at: 2018-02-04 11:39:51

Local clock offset: 1.055 ms

Remote clock offset: 1.322 ms

Below is generated by plot.py at 2018-02-04 12:42:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.96 Mbit/s

95th percentile per-packet one-way delay: 34.937 ms

Loss rate: 0.59%

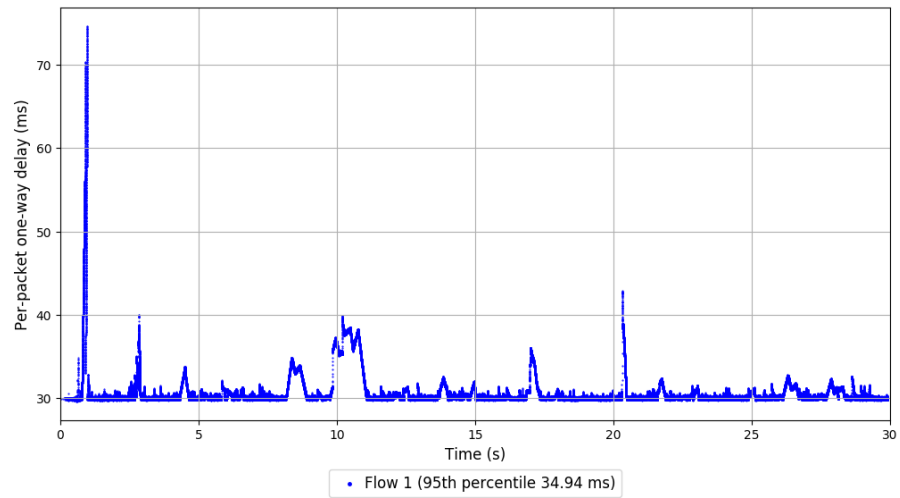
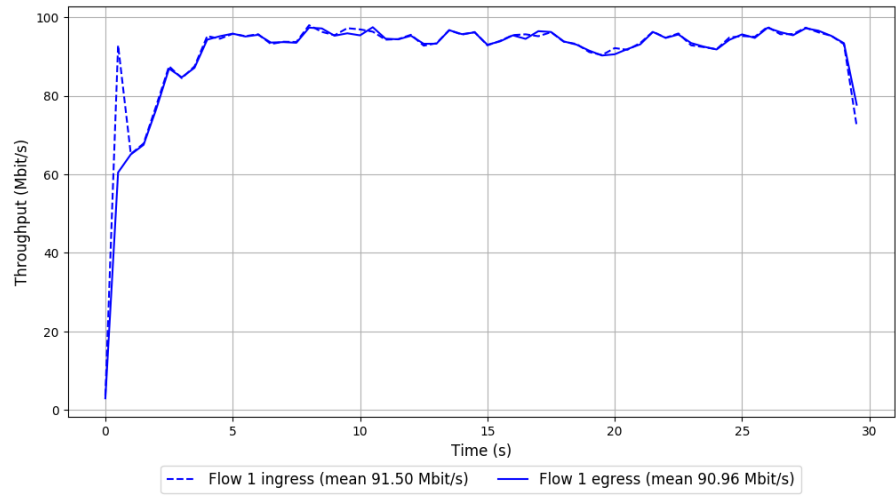
-- Flow 1:

Average throughput: 90.96 Mbit/s

95th percentile per-packet one-way delay: 34.937 ms

Loss rate: 0.59%

Run 9: Report of PCC — Data Link



Run 10: Statistics of PCC

Start at: 2018-02-04 12:03:23

End at: 2018-02-04 12:03:53

Local clock offset: 1.197 ms

Remote clock offset: 1.576 ms

Below is generated by plot.py at 2018-02-04 12:42:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.83 Mbit/s

95th percentile per-packet one-way delay: 33.867 ms

Loss rate: 0.57%

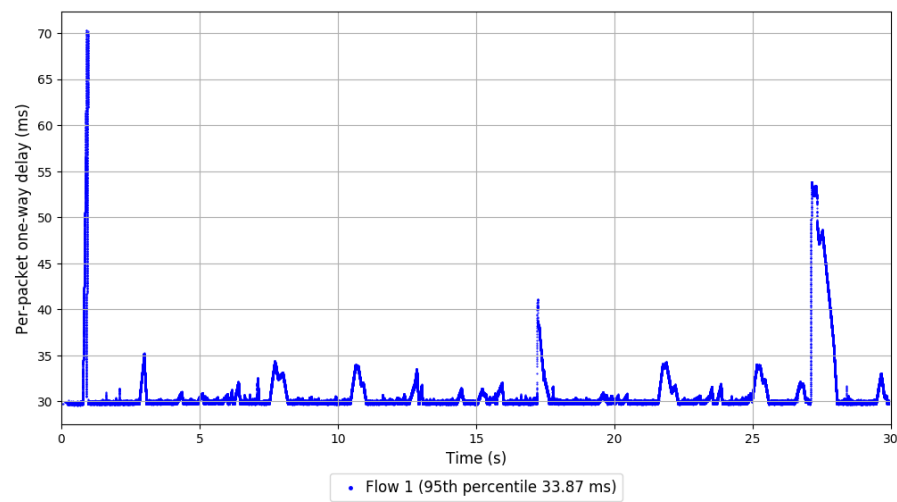
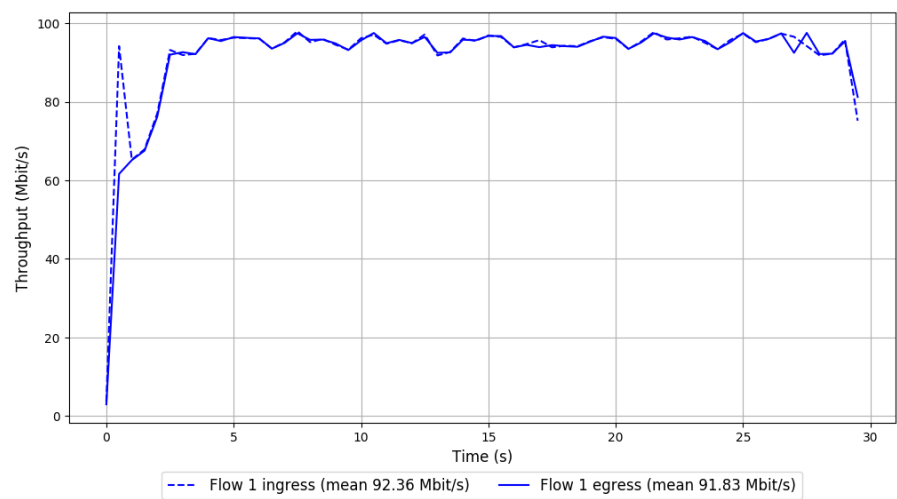
-- Flow 1:

Average throughput: 91.83 Mbit/s

95th percentile per-packet one-way delay: 33.867 ms

Loss rate: 0.57%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2018-02-04 08:35:31

End at: 2018-02-04 08:36:01

Local clock offset: 1.057 ms

Remote clock offset: -0.076 ms

Below is generated by plot.py at 2018-02-04 12:42:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.85 Mbit/s

95th percentile per-packet one-way delay: 66.098 ms

Loss rate: 0.03%

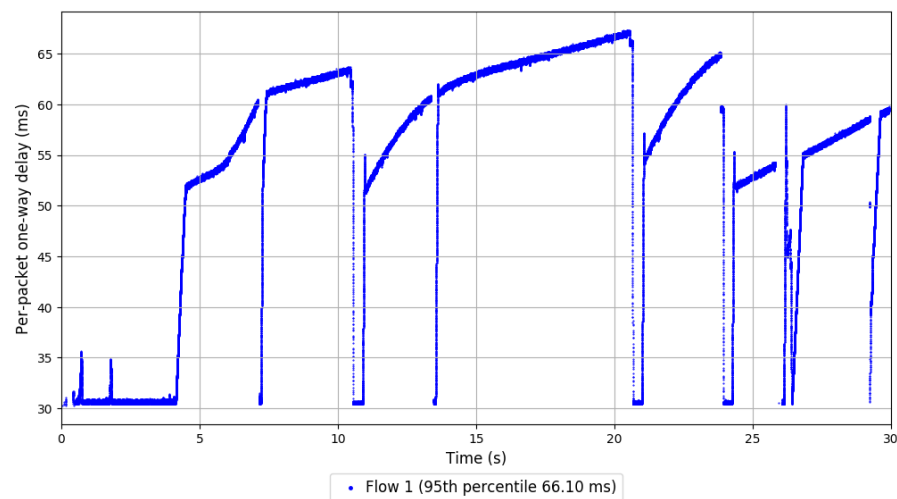
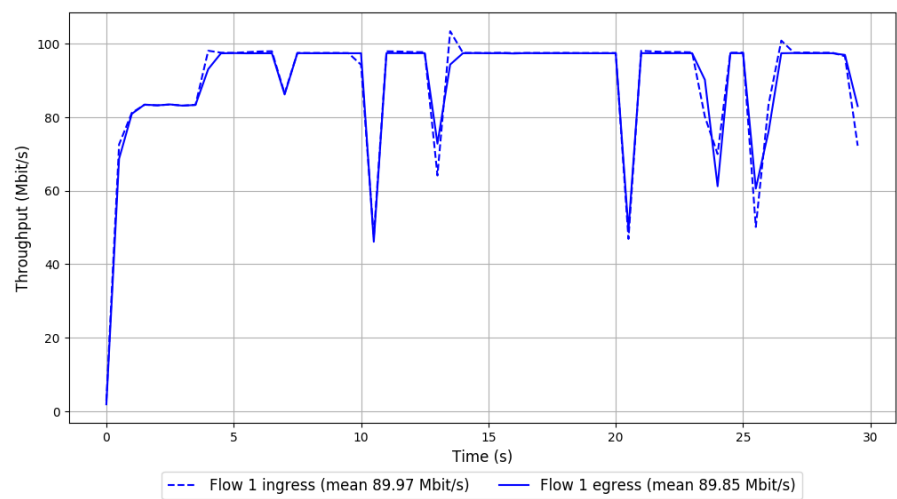
-- Flow 1:

Average throughput: 89.85 Mbit/s

95th percentile per-packet one-way delay: 66.098 ms

Loss rate: 0.03%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2018-02-04 08:59:27

End at: 2018-02-04 08:59:57

Local clock offset: 1.025 ms

Remote clock offset: 0.696 ms

Below is generated by plot.py at 2018-02-04 12:42:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.88 Mbit/s

95th percentile per-packet one-way delay: 50.116 ms

Loss rate: 0.42%

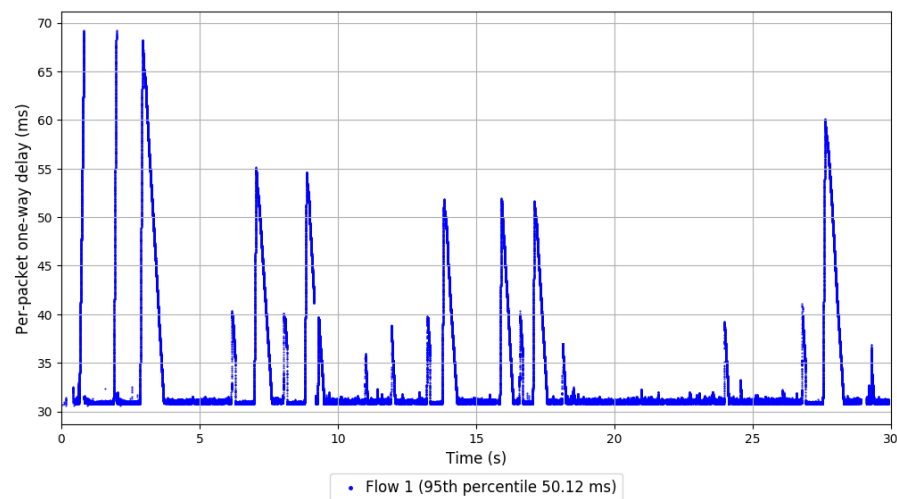
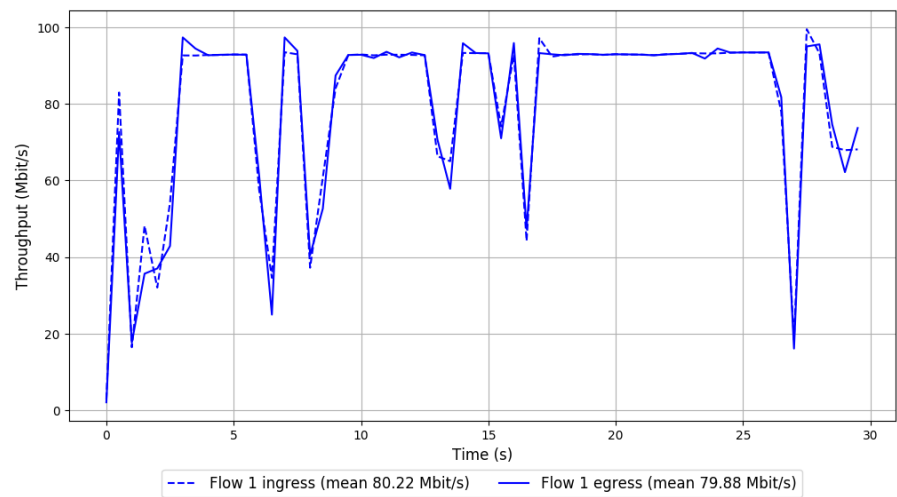
-- Flow 1:

Average throughput: 79.88 Mbit/s

95th percentile per-packet one-way delay: 50.116 ms

Loss rate: 0.42%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2018-02-04 09:23:26

End at: 2018-02-04 09:23:56

Local clock offset: 1.007 ms

Remote clock offset: -0.954 ms

Below is generated by plot.py at 2018-02-04 12:42:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 76.08 Mbit/s

95th percentile per-packet one-way delay: 27.989 ms

Loss rate: 0.03%

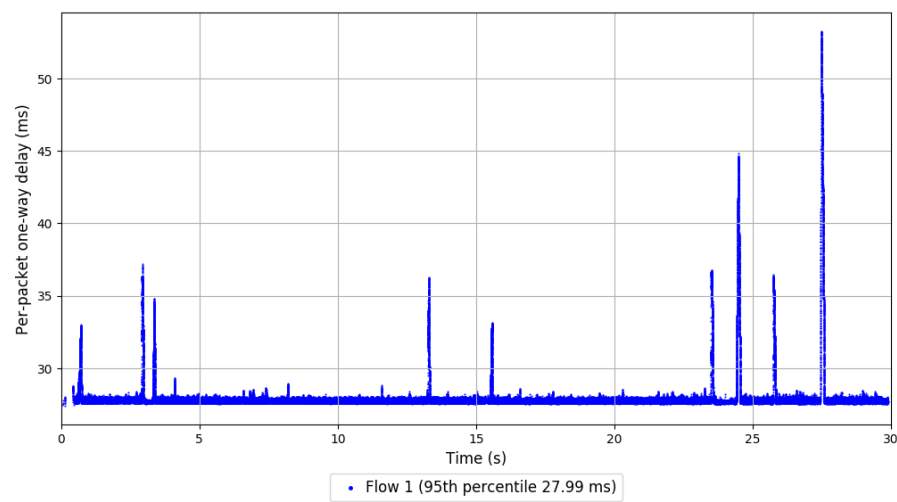
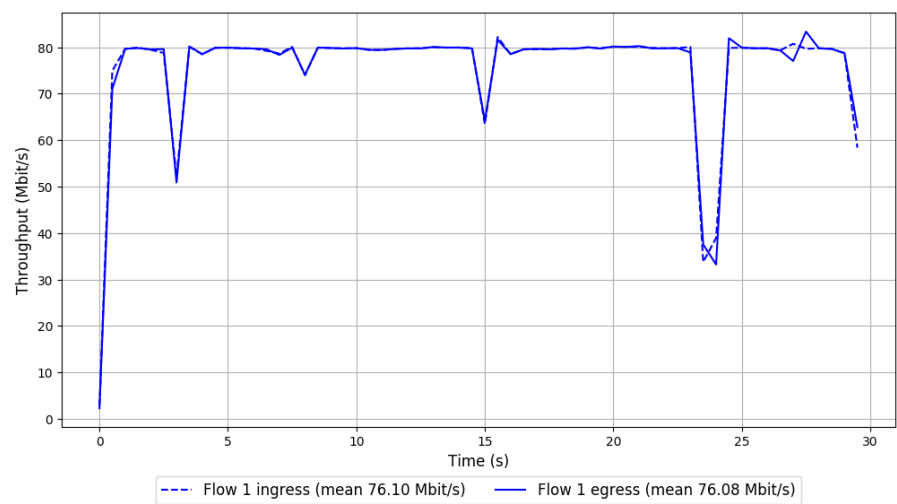
-- Flow 1:

Average throughput: 76.08 Mbit/s

95th percentile per-packet one-way delay: 27.989 ms

Loss rate: 0.03%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2018-02-04 09:47:28

End at: 2018-02-04 09:47:58

Local clock offset: 0.662 ms

Remote clock offset: 2.481 ms

Below is generated by plot.py at 2018-02-04 12:42:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.91 Mbit/s

95th percentile per-packet one-way delay: 52.217 ms

Loss rate: 0.15%

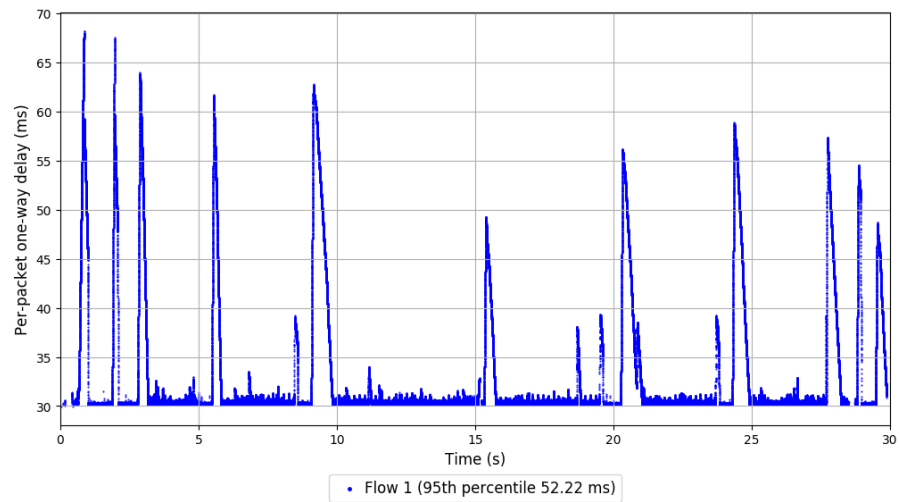
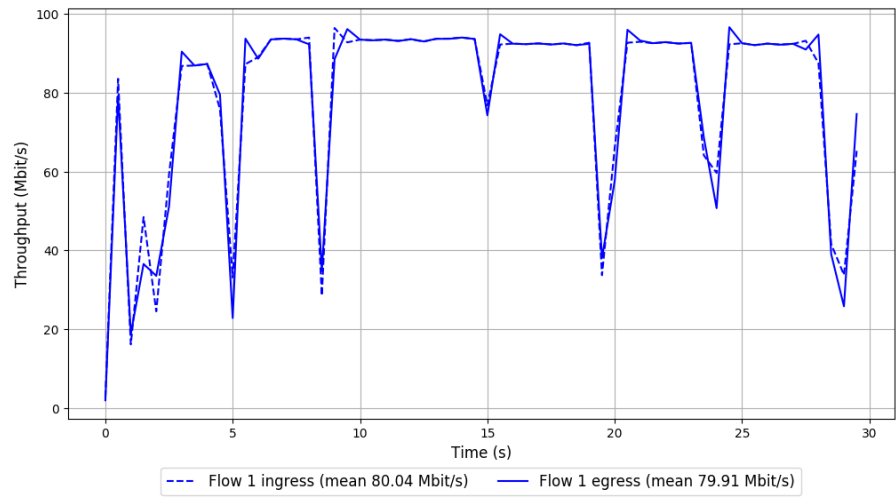
-- Flow 1:

Average throughput: 79.91 Mbit/s

95th percentile per-packet one-way delay: 52.217 ms

Loss rate: 0.15%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2018-02-04 10:11:22

End at: 2018-02-04 10:11:52

Local clock offset: 0.767 ms

Remote clock offset: -0.373 ms

Below is generated by plot.py at 2018-02-04 12:43:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.66 Mbit/s

95th percentile per-packet one-way delay: 48.047 ms

Loss rate: 0.36%

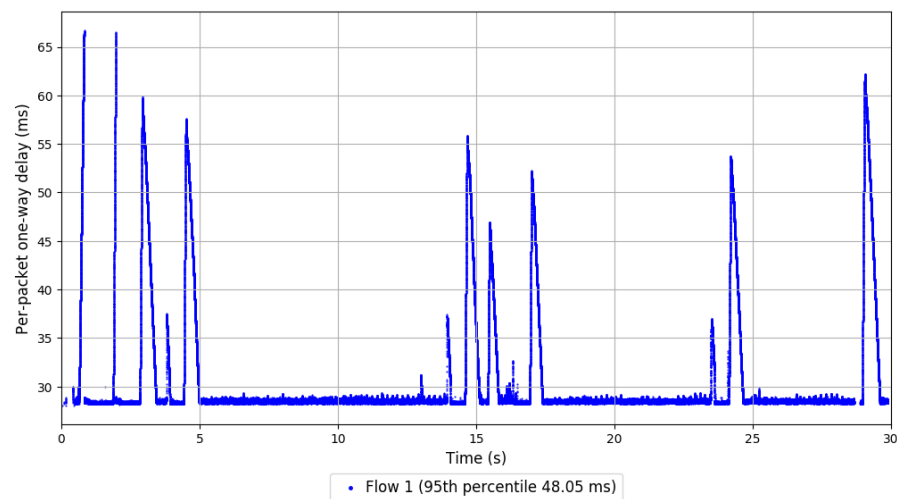
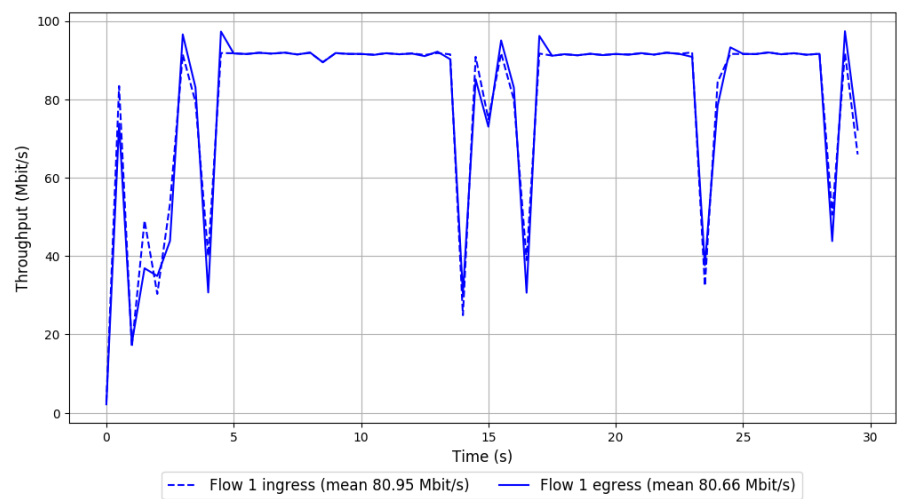
-- Flow 1:

Average throughput: 80.66 Mbit/s

95th percentile per-packet one-way delay: 48.047 ms

Loss rate: 0.36%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2018-02-04 10:35:16

End at: 2018-02-04 10:35:46

Local clock offset: 0.894 ms

Remote clock offset: 1.508 ms

Below is generated by plot.py at 2018-02-04 12:43:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.90 Mbit/s

95th percentile per-packet one-way delay: 49.543 ms

Loss rate: 0.06%

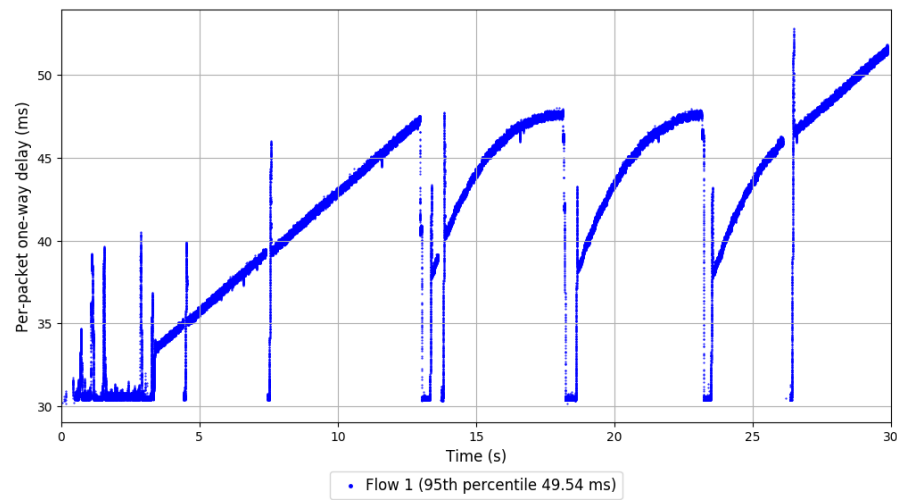
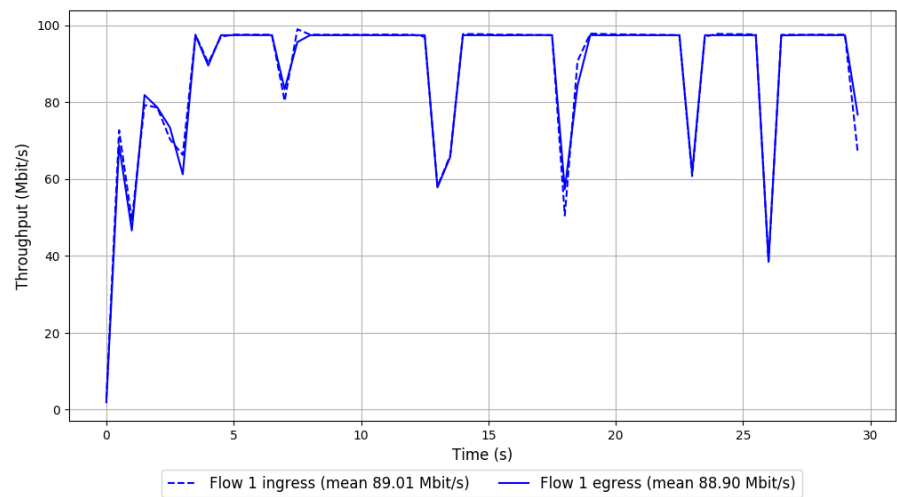
-- Flow 1:

Average throughput: 88.90 Mbit/s

95th percentile per-packet one-way delay: 49.543 ms

Loss rate: 0.06%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: 2018-02-04 10:59:16

End at: 2018-02-04 10:59:46

Local clock offset: 0.959 ms

Remote clock offset: 1.78 ms

Below is generated by plot.py at 2018-02-04 12:44:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.98 Mbit/s

95th percentile per-packet one-way delay: 67.277 ms

Loss rate: 0.66%

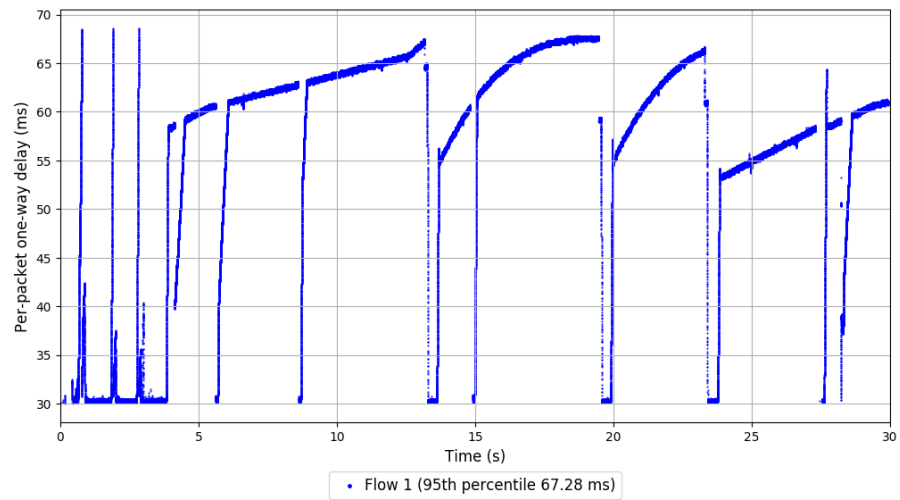
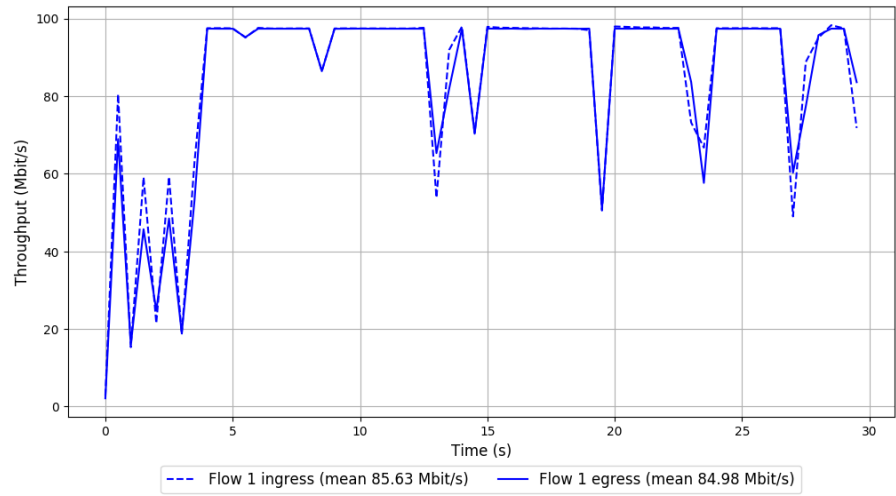
-- Flow 1:

Average throughput: 84.98 Mbit/s

95th percentile per-packet one-way delay: 67.277 ms

Loss rate: 0.66%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2018-02-04 11:23:14

End at: 2018-02-04 11:23:44

Local clock offset: 0.926 ms

Remote clock offset: -0.93 ms

Below is generated by plot.py at 2018-02-04 12:44:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.60 Mbit/s

95th percentile per-packet one-way delay: 64.540 ms

Loss rate: 0.23%

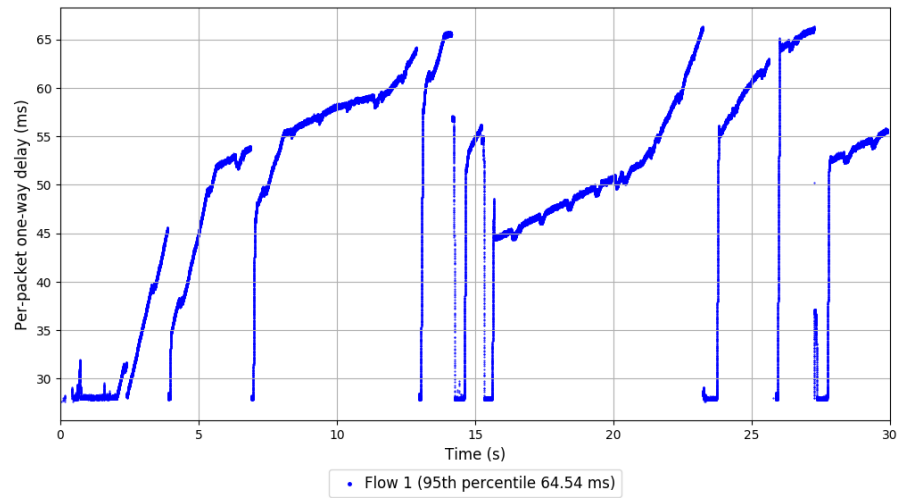
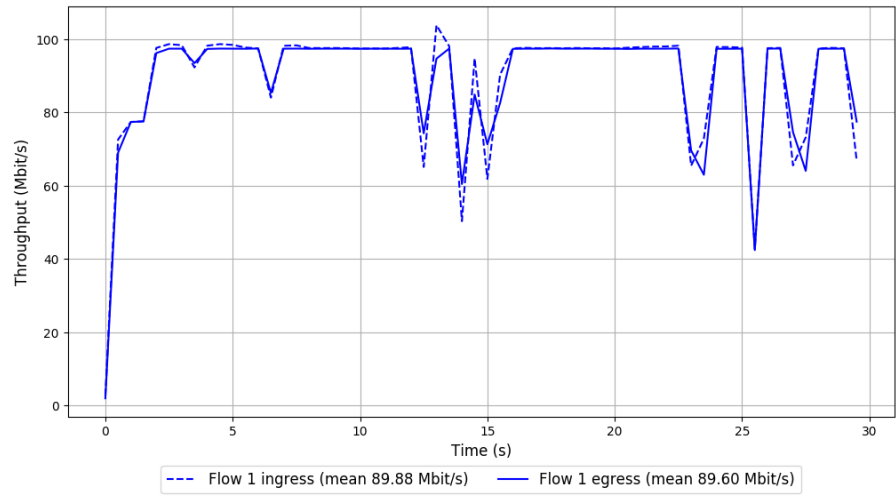
-- Flow 1:

Average throughput: 89.60 Mbit/s

95th percentile per-packet one-way delay: 64.540 ms

Loss rate: 0.23%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2018-02-04 11:47:11

End at: 2018-02-04 11:47:41

Local clock offset: 1.09 ms

Remote clock offset: 1.393 ms

Below is generated by plot.py at 2018-02-04 12:44:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.46 Mbit/s

95th percentile per-packet one-way delay: 48.603 ms

Loss rate: 0.38%

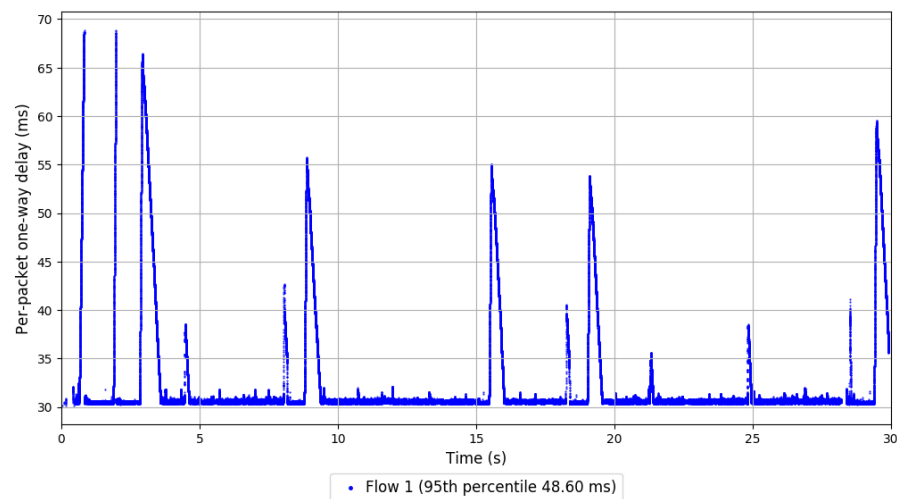
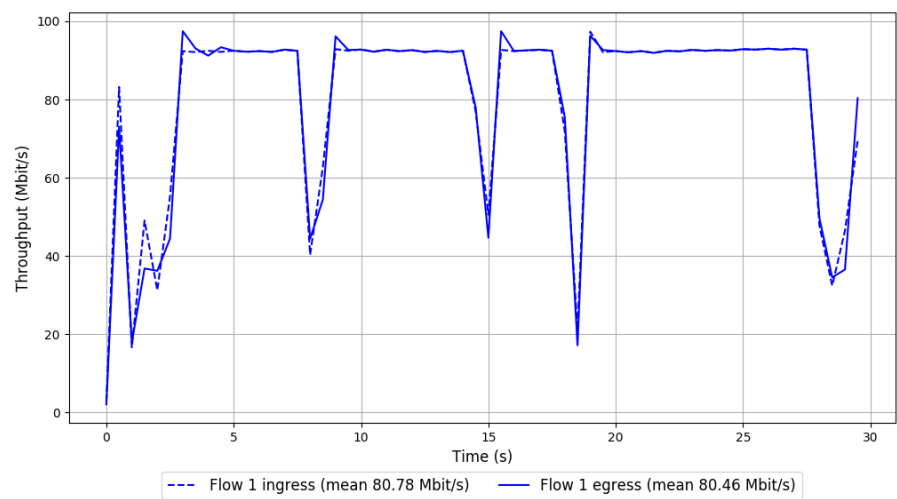
-- Flow 1:

Average throughput: 80.46 Mbit/s

95th percentile per-packet one-way delay: 48.603 ms

Loss rate: 0.38%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-02-04 12:11:14

End at: 2018-02-04 12:11:44

Local clock offset: 1.148 ms

Remote clock offset: -0.53 ms

Below is generated by plot.py at 2018-02-04 12:44:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 37.78 Mbit/s

95th percentile per-packet one-way delay: 29.677 ms

Loss rate: 0.08%

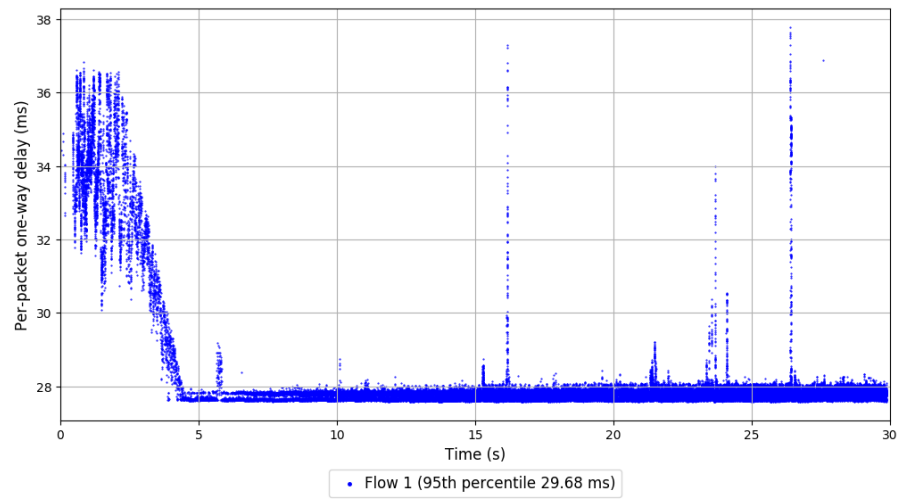
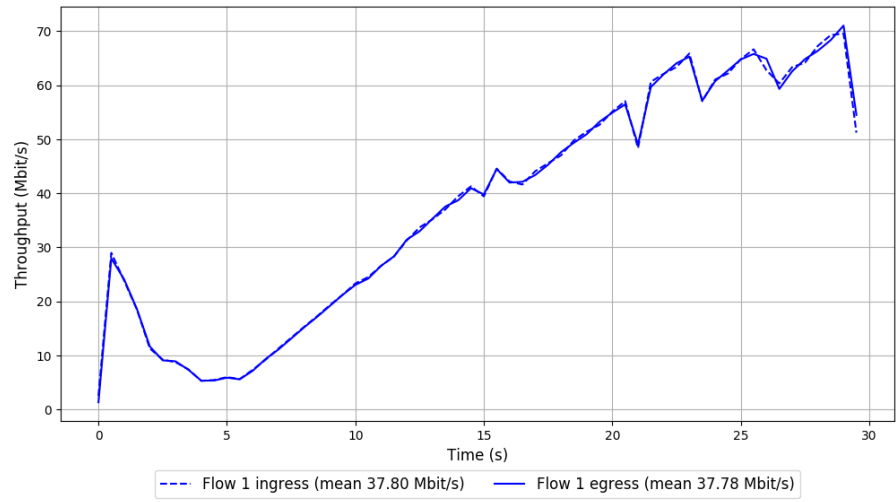
-- Flow 1:

Average throughput: 37.78 Mbit/s

95th percentile per-packet one-way delay: 29.677 ms

Loss rate: 0.08%

Run 10: Report of QUIC Cubic — Data Link

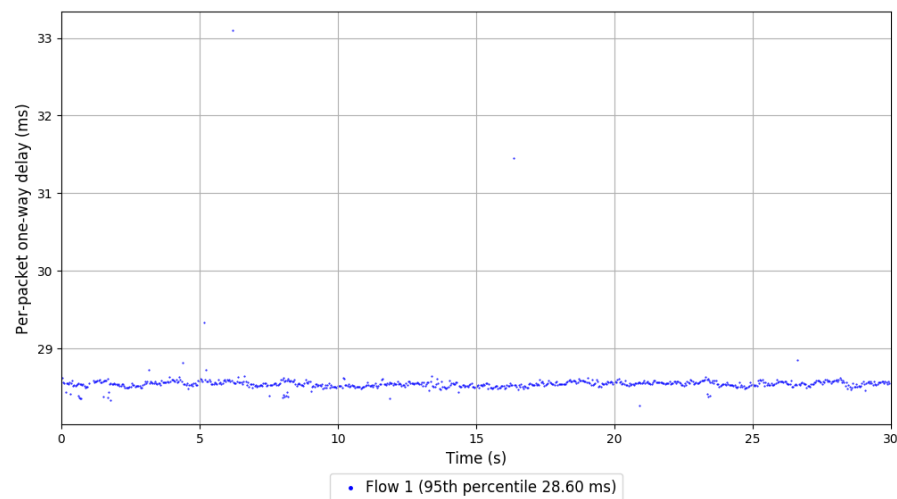
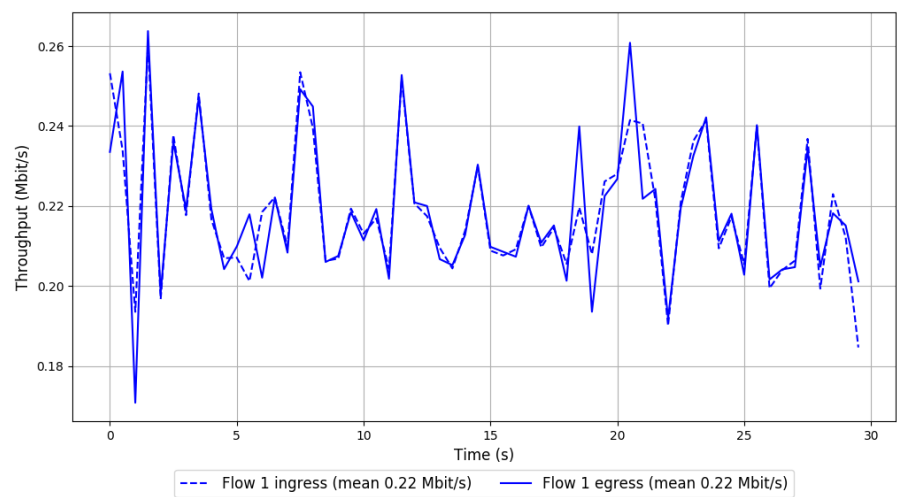


Run 1: Statistics of SCReAM

Start at: 2018-02-04 08:28:56
End at: 2018-02-04 08:29:26
Local clock offset: 1.093 ms
Remote clock offset: -1.967 ms

Below is generated by plot.py at 2018-02-04 12:44:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 28.599 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 28.599 ms
Loss rate: 0.00%

Run 1: Report of SCRaM — Data Link



Run 2: Statistics of SCReAM

Start at: 2018-02-04 08:52:55

End at: 2018-02-04 08:53:25

Local clock offset: 0.931 ms

Remote clock offset: 0.472 ms

Below is generated by plot.py at 2018-02-04 12:44:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 31.119 ms

Loss rate: 0.00%

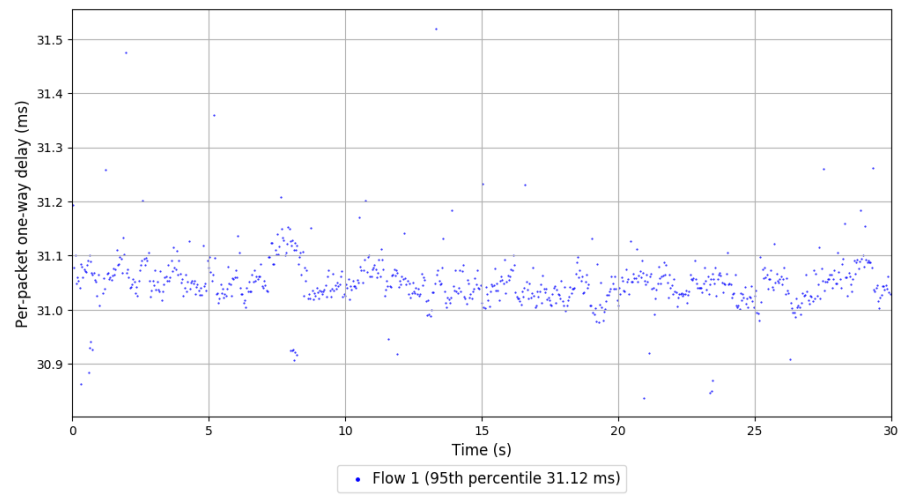
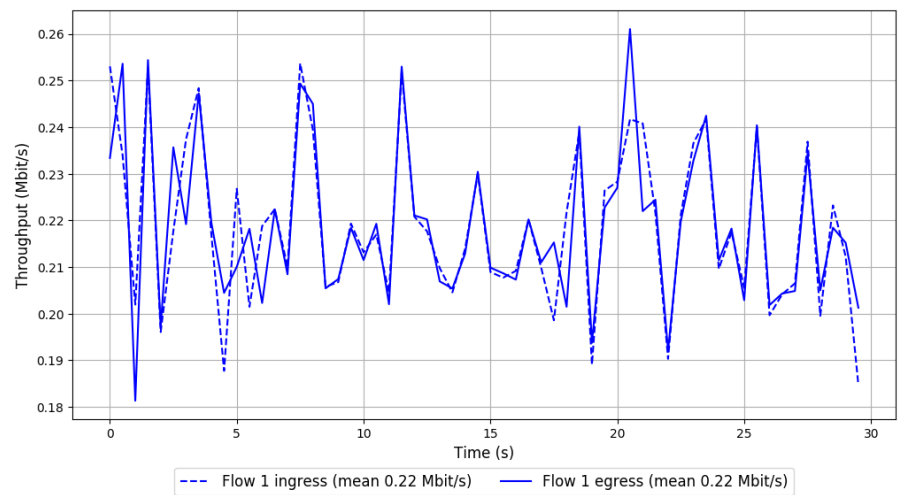
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 31.119 ms

Loss rate: 0.00%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SCReAM

Start at: 2018-02-04 09:16:55

End at: 2018-02-04 09:17:25

Local clock offset: 0.997 ms

Remote clock offset: -1.16 ms

Below is generated by plot.py at 2018-02-04 12:44:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 28.561 ms

Loss rate: 0.00%

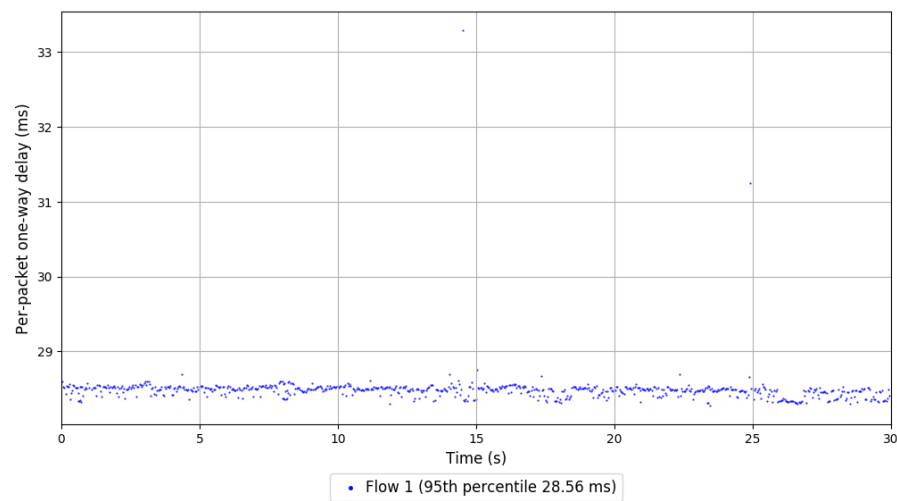
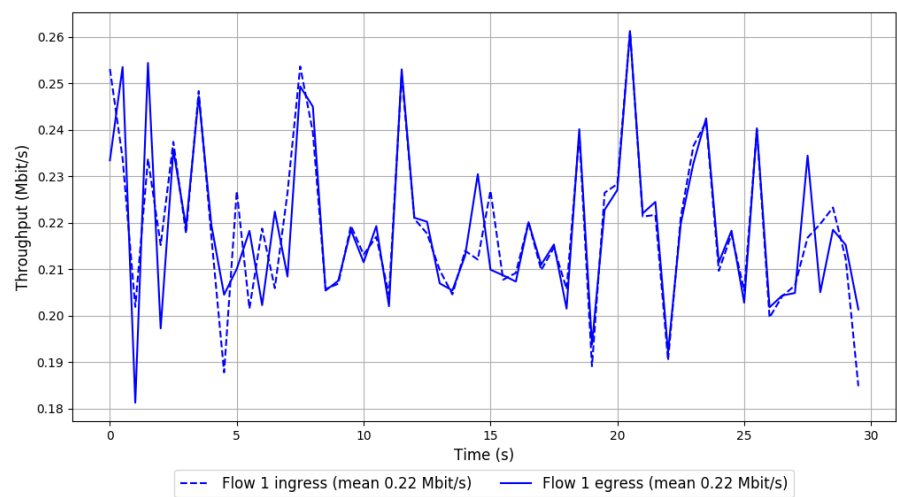
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 28.561 ms

Loss rate: 0.00%

Run 3: Report of SReAM — Data Link



Run 4: Statistics of SCReAM

Start at: 2018-02-04 09:40:57

End at: 2018-02-04 09:41:27

Local clock offset: 0.637 ms

Remote clock offset: 1.849 ms

Below is generated by plot.py at 2018-02-04 12:44:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 30.597 ms

Loss rate: 0.00%

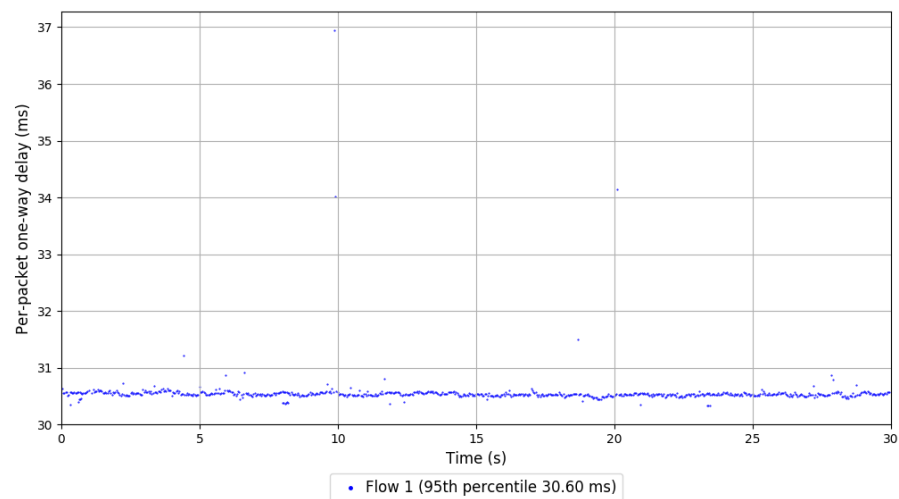
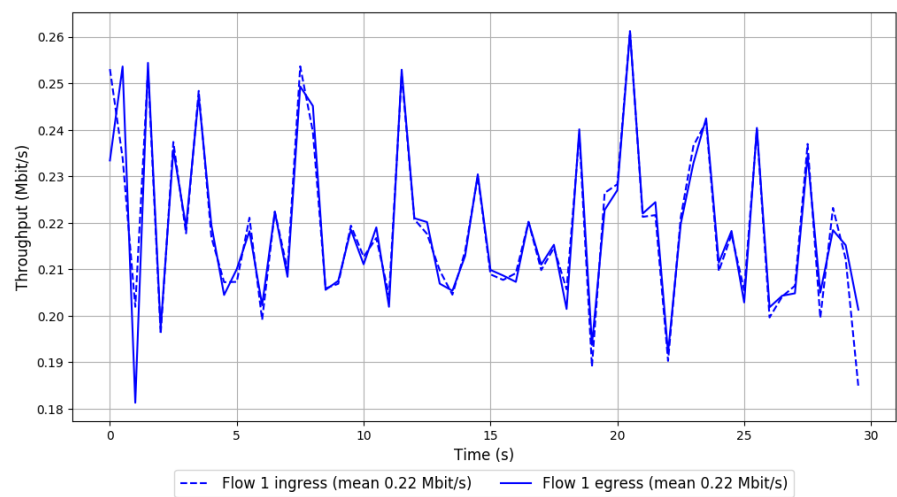
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 30.597 ms

Loss rate: 0.00%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

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

End at: 2018-02-04 10:05:22

Local clock offset: 0.677 ms

Remote clock offset: 1.985 ms

Below is generated by plot.py at 2018-02-04 12:44:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 30.764 ms

Loss rate: 0.00%

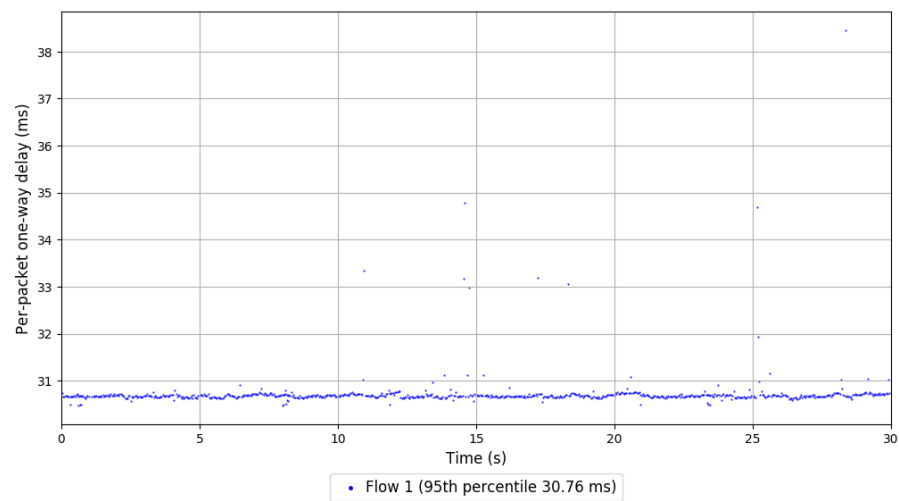
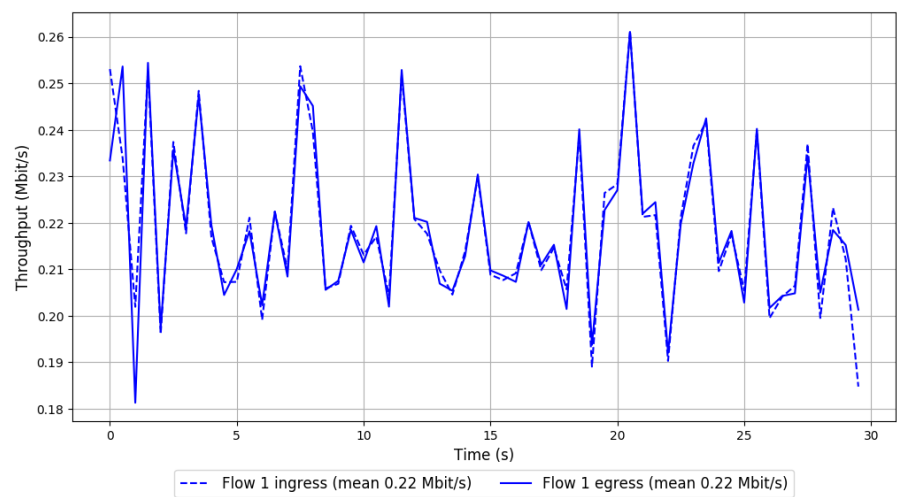
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 30.764 ms

Loss rate: 0.00%

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SCReAM

Start at: 2018-02-04 10:28:45

End at: 2018-02-04 10:29:15

Local clock offset: 0.762 ms

Remote clock offset: 1.611 ms

Below is generated by plot.py at 2018-02-04 12:44:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 30.764 ms

Loss rate: 0.00%

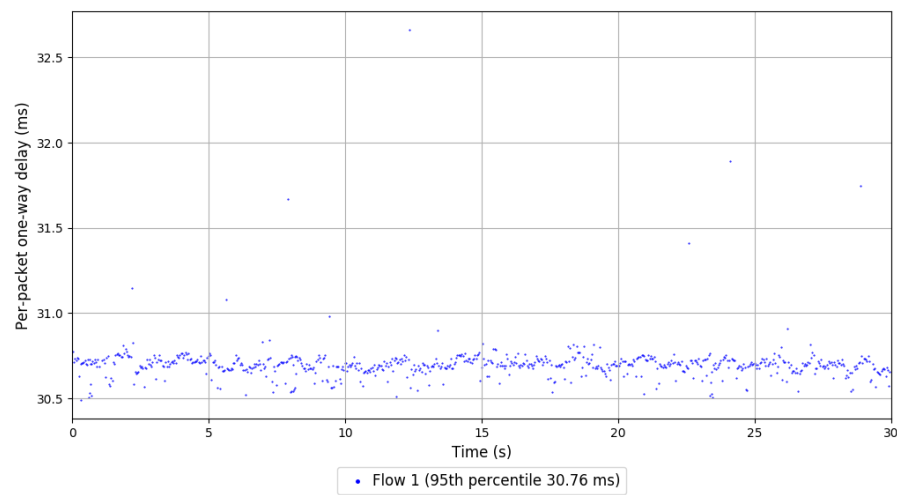
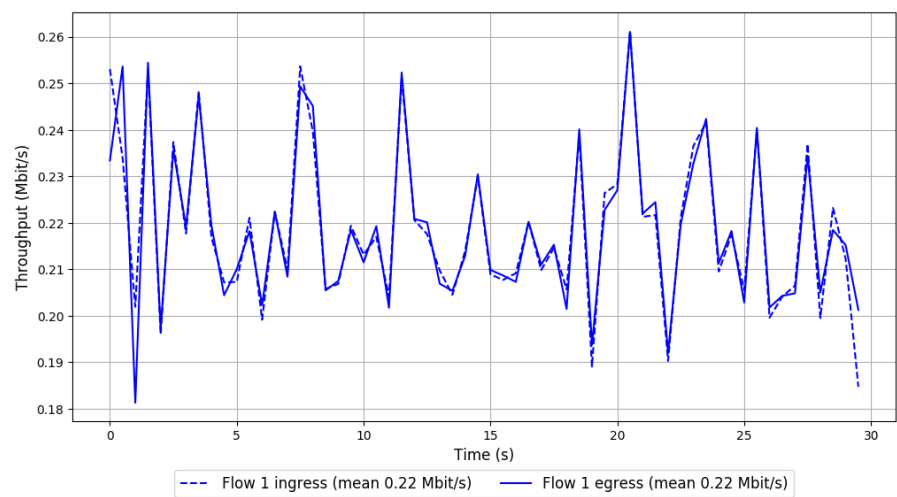
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 30.764 ms

Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

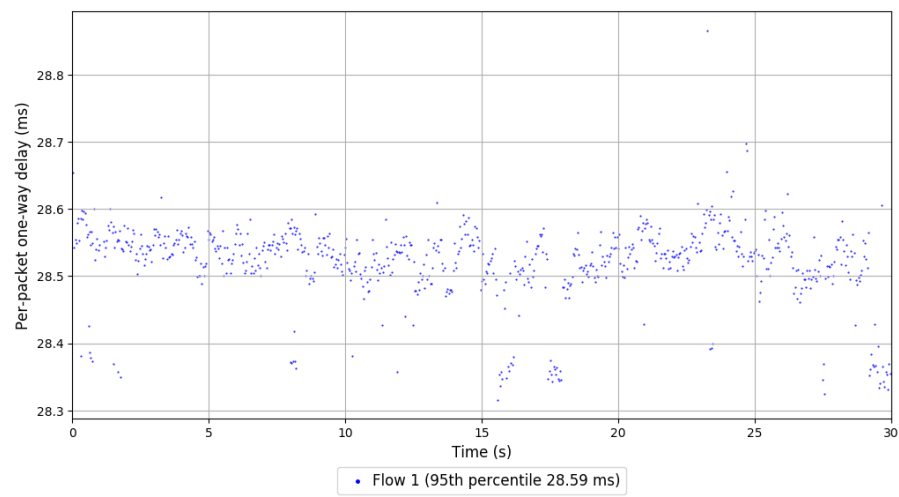
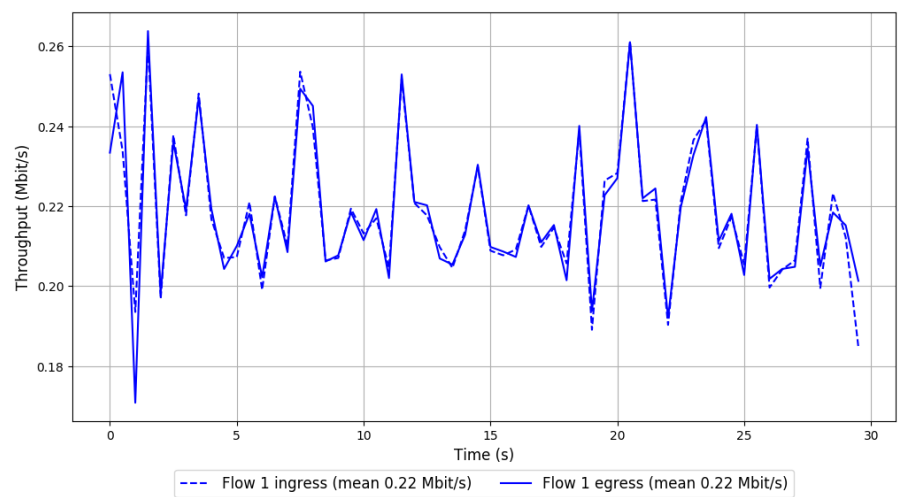


Run 7: Statistics of SCReAM

Start at: 2018-02-04 10:52:44
End at: 2018-02-04 10:53:14
Local clock offset: 0.903 ms
Remote clock offset: -0.725 ms

Below is generated by plot.py at 2018-02-04 12:44:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 28.585 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 28.585 ms
Loss rate: 0.00%

Run 7: Report of SReAM — Data Link

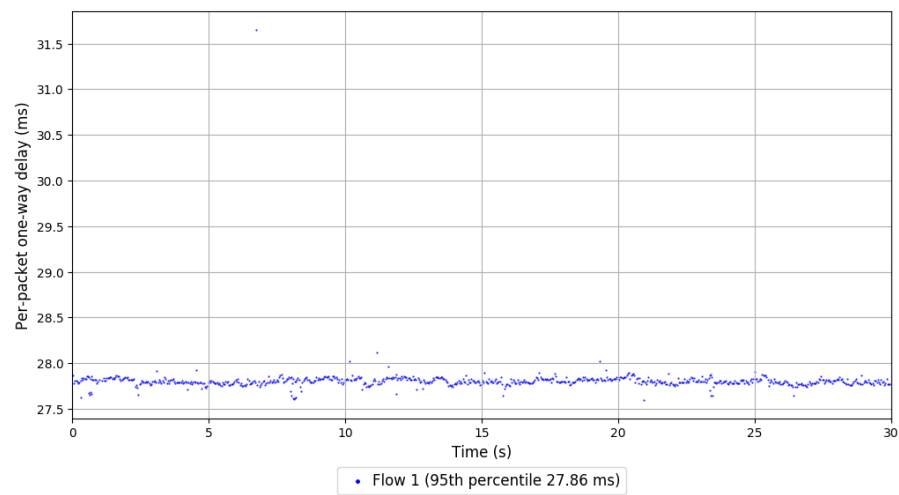
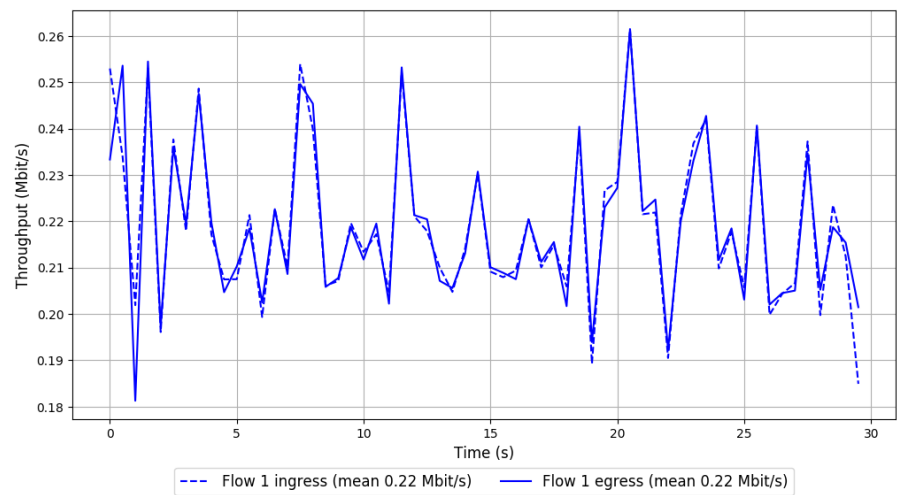


Run 8: Statistics of SCReAM

Start at: 2018-02-04 11:16:42
End at: 2018-02-04 11:17:12
Local clock offset: 0.927 ms
Remote clock offset: -1.016 ms

Below is generated by plot.py at 2018-02-04 12:44:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 27.859 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 27.859 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

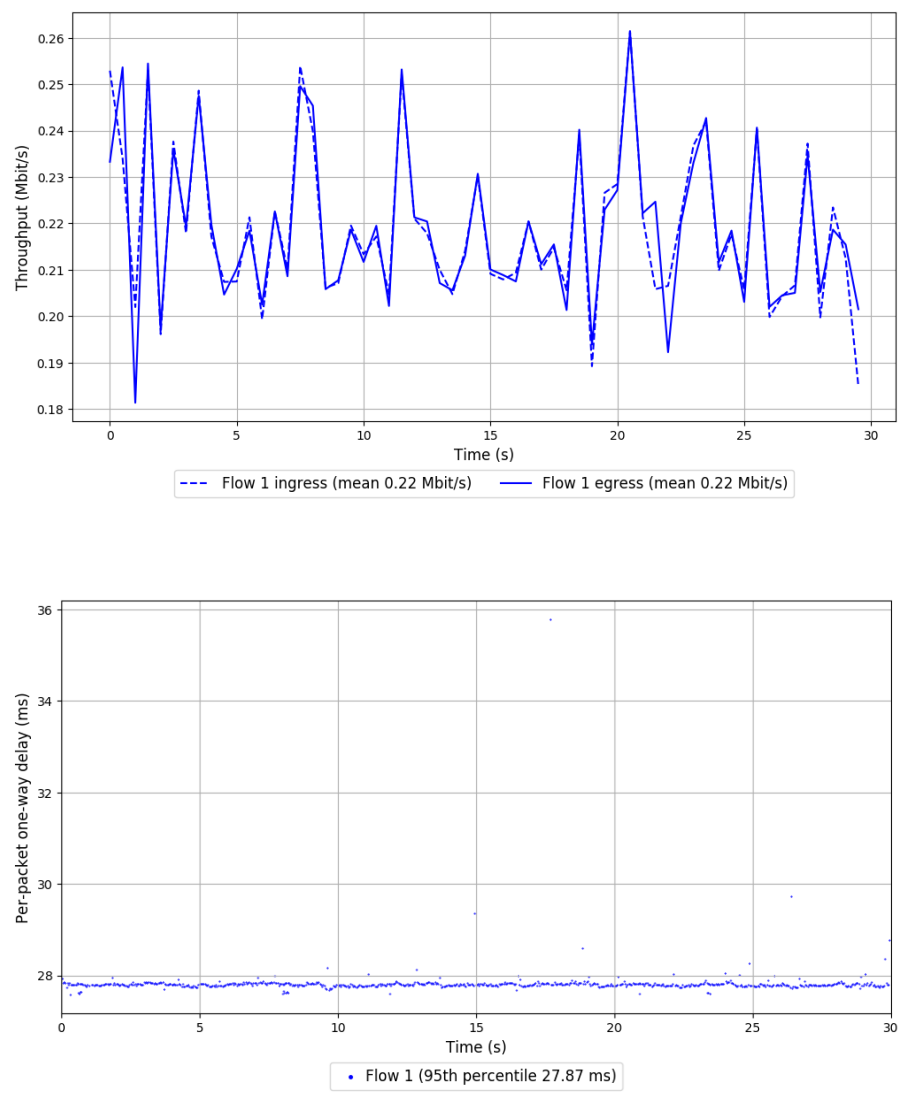


Run 9: Statistics of SCReAM

Start at: 2018-02-04 11:40:40
End at: 2018-02-04 11:41:10
Local clock offset: 1.057 ms
Remote clock offset: -0.759 ms

Below is generated by plot.py at 2018-02-04 12:44:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 27.868 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 27.868 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SCReAM

Start at: 2018-02-04 12:04:42

End at: 2018-02-04 12:05:12

Local clock offset: 1.16 ms

Remote clock offset: 2.003 ms

Below is generated by plot.py at 2018-02-04 12:44:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 30.353 ms

Loss rate: 0.00%

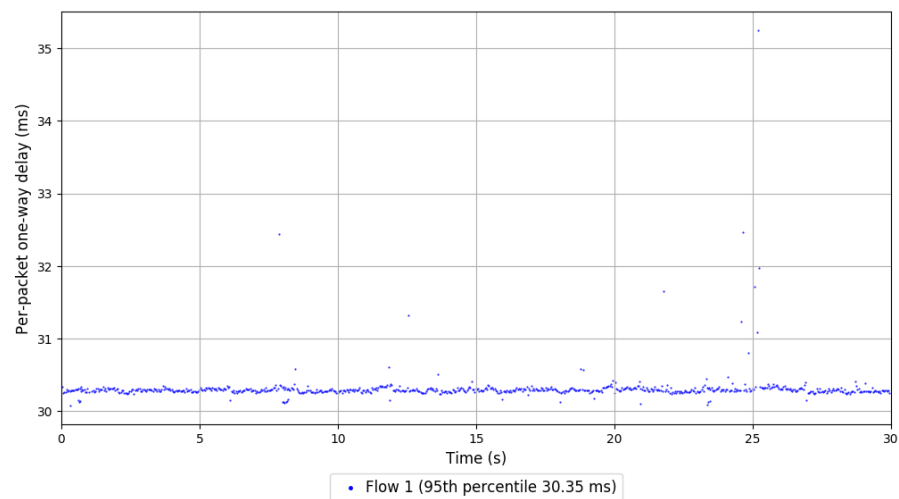
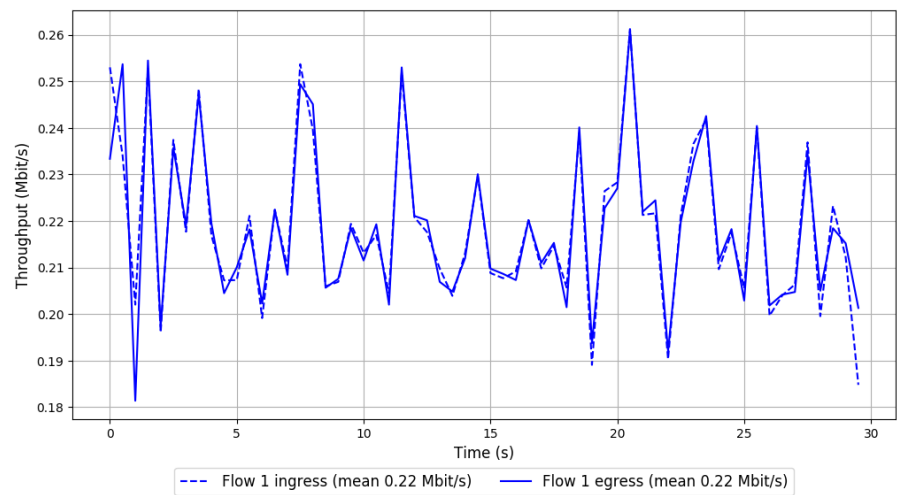
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 30.353 ms

Loss rate: 0.00%

Run 10: Report of SReAM — Data Link

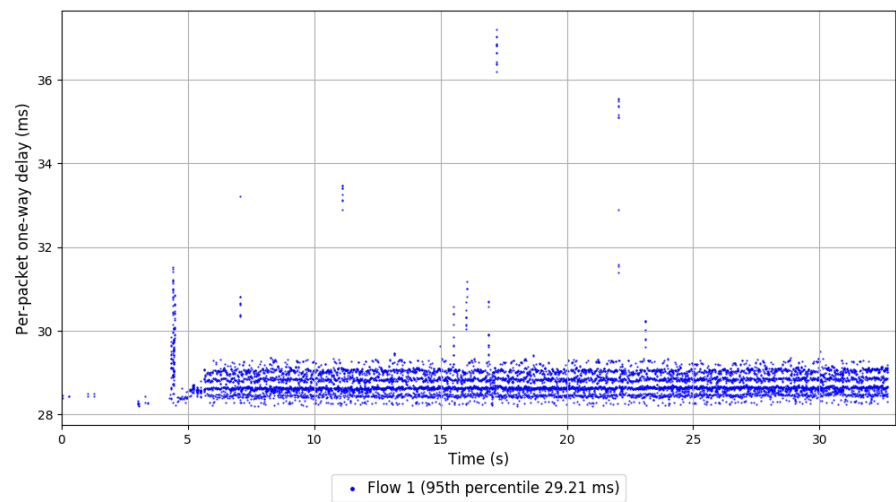
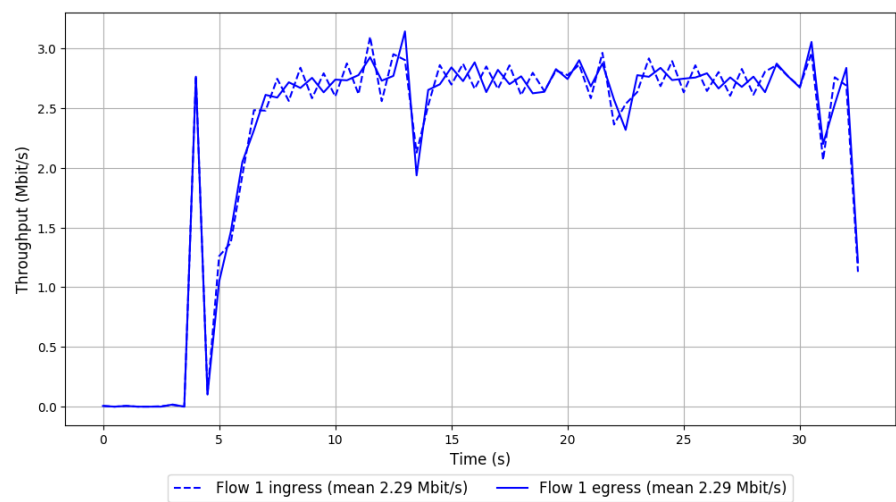


Run 1: Statistics of WebRTC media

Start at: 2018-02-04 08:19:16
End at: 2018-02-04 08:19:46
Local clock offset: 1.066 ms
Remote clock offset: -1.625 ms

Below is generated by plot.py at 2018-02-04 12:44:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 29.206 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 29.206 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

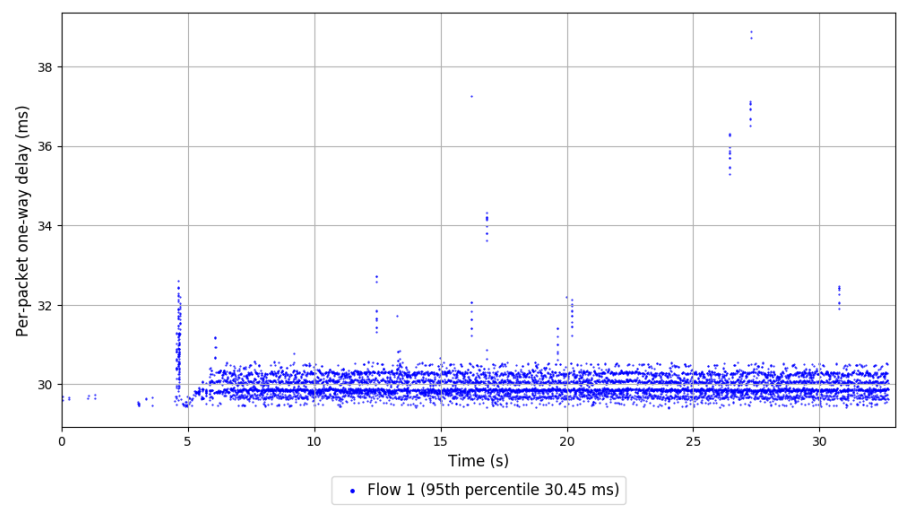
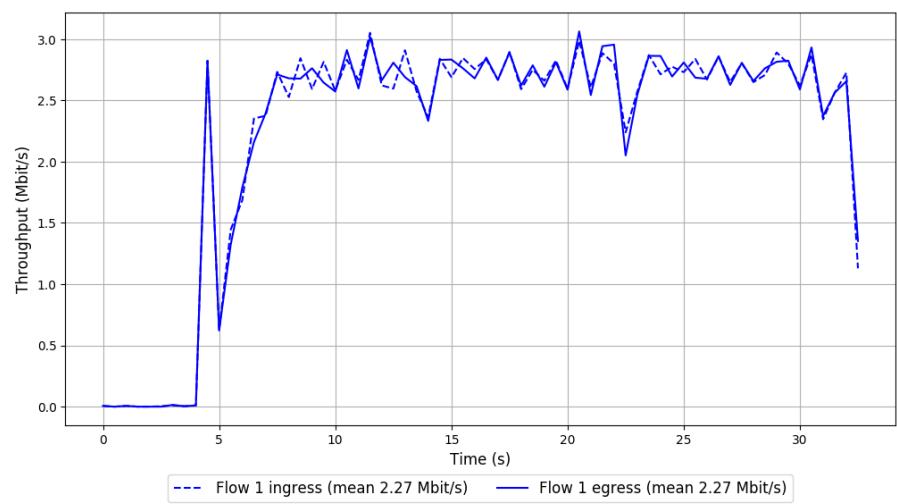


Run 2: Statistics of WebRTC media

Start at: 2018-02-04 08:43:34
End at: 2018-02-04 08:44:04
Local clock offset: 1.065 ms
Remote clock offset: -0.274 ms

Below is generated by plot.py at 2018-02-04 12:44:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 30.453 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 30.453 ms
Loss rate: 0.01%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: 2018-02-04 09:07:35

End at: 2018-02-04 09:08:05

Local clock offset: 0.904 ms

Remote clock offset: 0.492 ms

Below is generated by plot.py at 2018-02-04 12:44:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.43 Mbit/s

95th percentile per-packet one-way delay: 31.319 ms

Loss rate: 0.02%

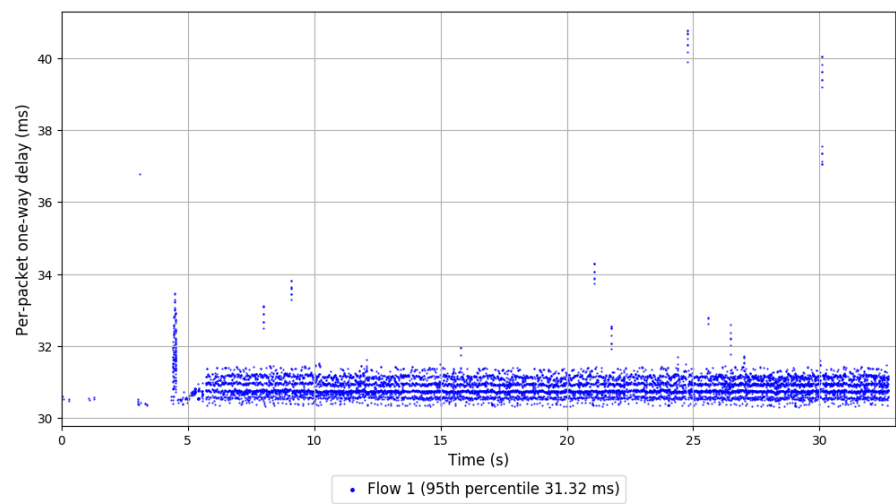
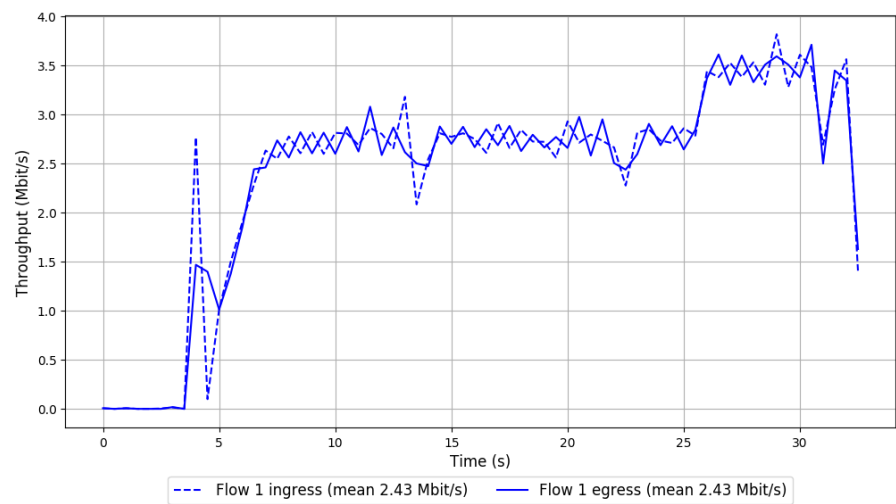
-- Flow 1:

Average throughput: 2.43 Mbit/s

95th percentile per-packet one-way delay: 31.319 ms

Loss rate: 0.02%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: 2018-02-04 09:31:29

End at: 2018-02-04 09:31:59

Local clock offset: 0.875 ms

Remote clock offset: 1.917 ms

Below is generated by plot.py at 2018-02-04 12:44:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.27 Mbit/s

95th percentile per-packet one-way delay: 30.905 ms

Loss rate: 0.43%

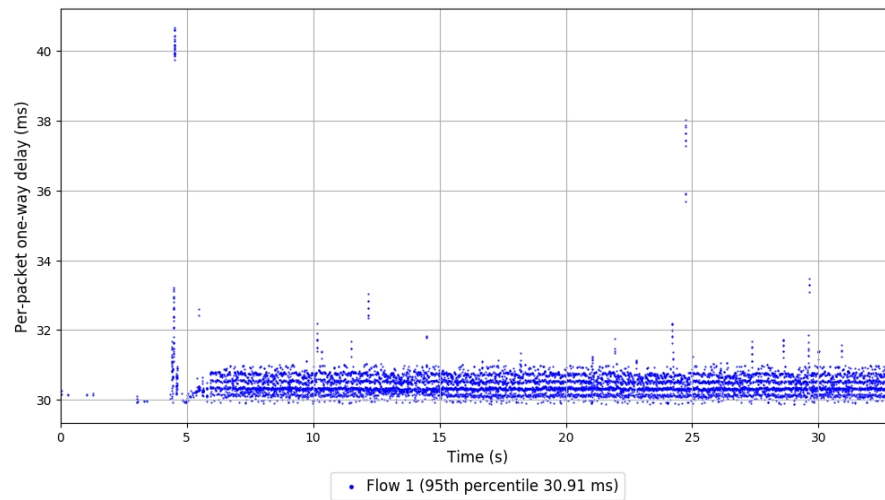
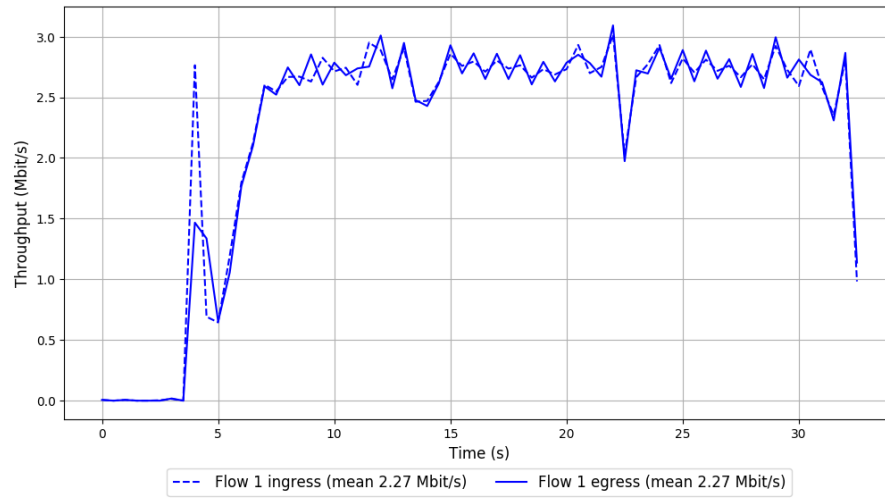
-- Flow 1:

Average throughput: 2.27 Mbit/s

95th percentile per-packet one-way delay: 30.905 ms

Loss rate: 0.43%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2018-02-04 09:55:33

End at: 2018-02-04 09:56:03

Local clock offset: 0.619 ms

Remote clock offset: 2.757 ms

Below is generated by plot.py at 2018-02-04 12:44:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.28 Mbit/s

95th percentile per-packet one-way delay: 31.863 ms

Loss rate: 0.00%

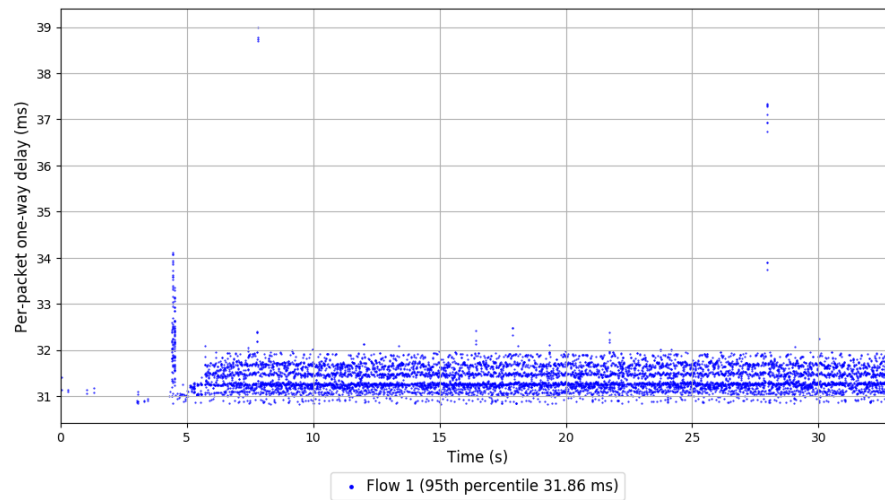
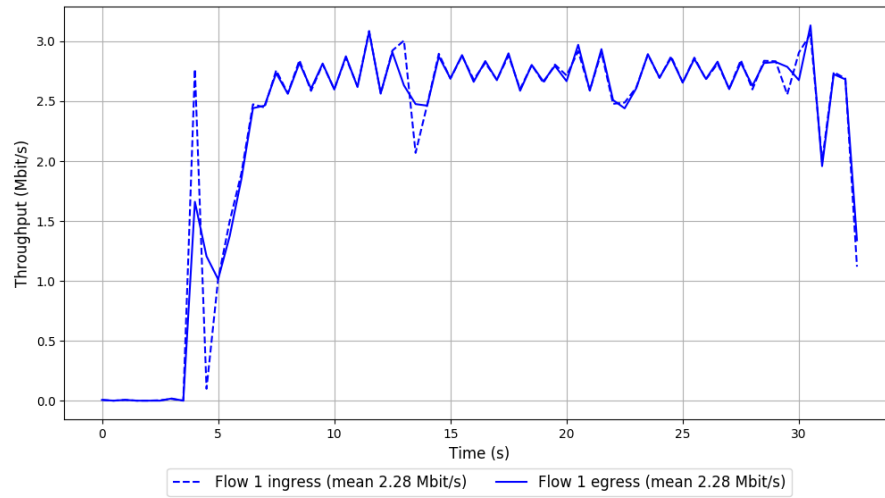
-- Flow 1:

Average throughput: 2.28 Mbit/s

95th percentile per-packet one-way delay: 31.863 ms

Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: 2018-02-04 10:19:26

End at: 2018-02-04 10:19:56

Local clock offset: 0.756 ms

Remote clock offset: 2.11 ms

Below is generated by plot.py at 2018-02-04 12:44:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.28 Mbit/s

95th percentile per-packet one-way delay: 30.935 ms

Loss rate: 0.00%

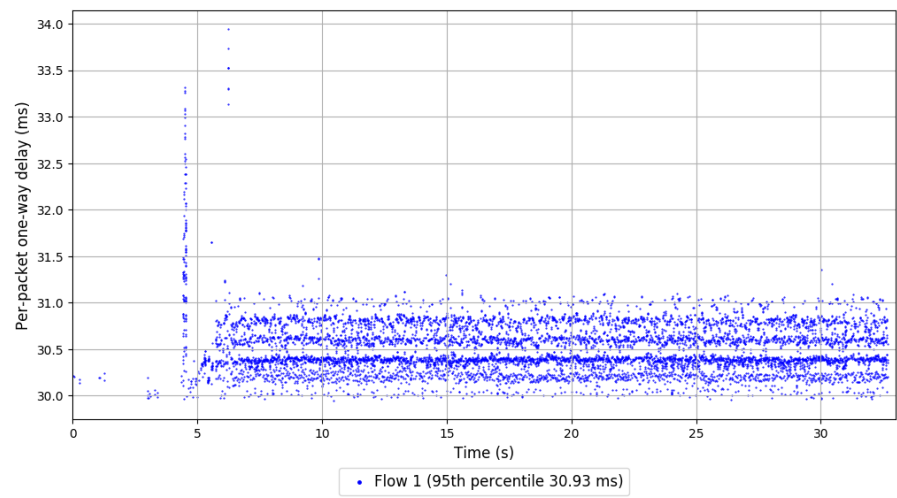
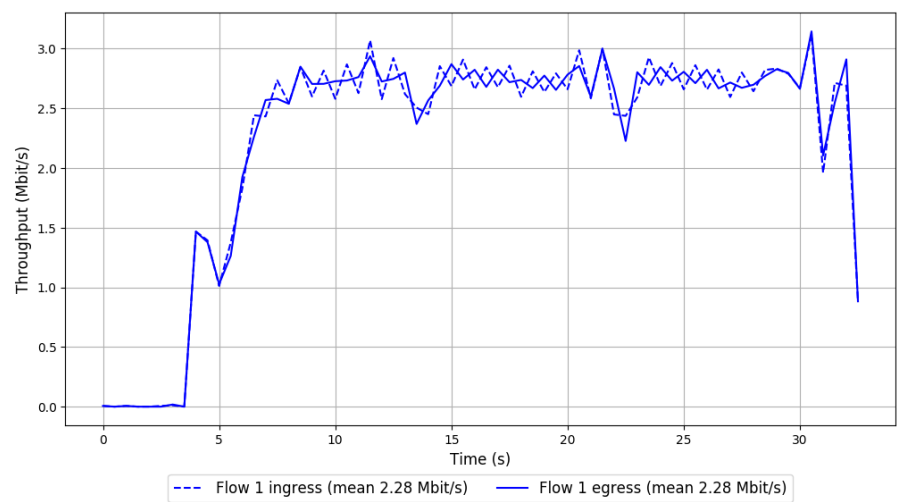
-- Flow 1:

Average throughput: 2.28 Mbit/s

95th percentile per-packet one-way delay: 30.935 ms

Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: 2018-02-04 10:43:21

End at: 2018-02-04 10:43:51

Local clock offset: 0.937 ms

Remote clock offset: 1.521 ms

Below is generated by plot.py at 2018-02-04 12:44:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 31.247 ms

Loss rate: 0.00%

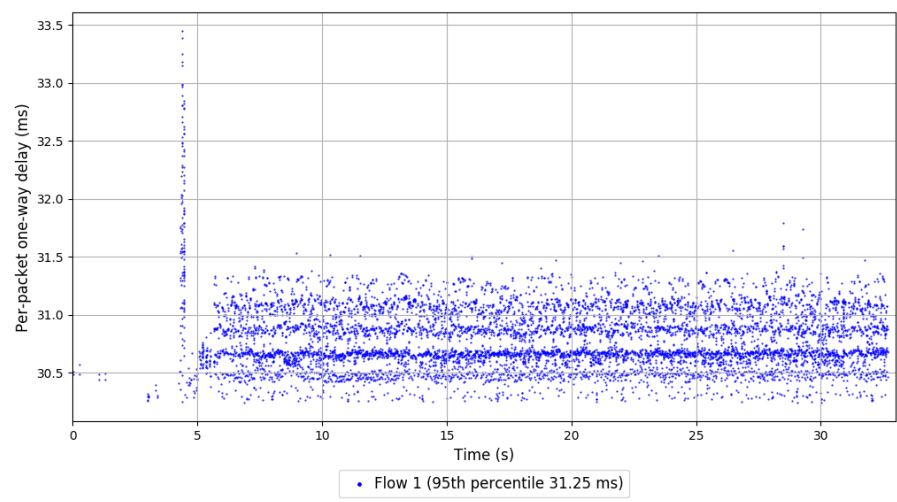
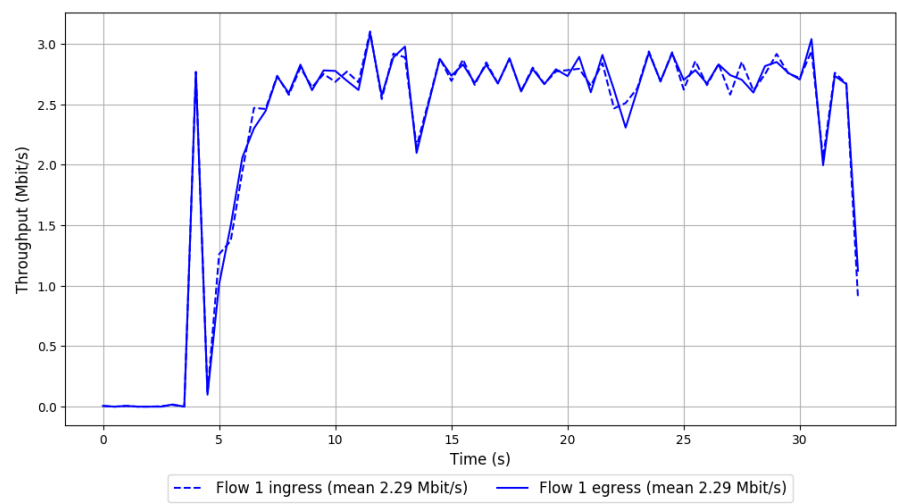
-- Flow 1:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 31.247 ms

Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

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

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

Local clock offset: 1.061 ms

Remote clock offset: 1.238 ms

Below is generated by plot.py at 2018-02-04 12:44:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.28 Mbit/s

95th percentile per-packet one-way delay: 30.474 ms

Loss rate: 0.00%

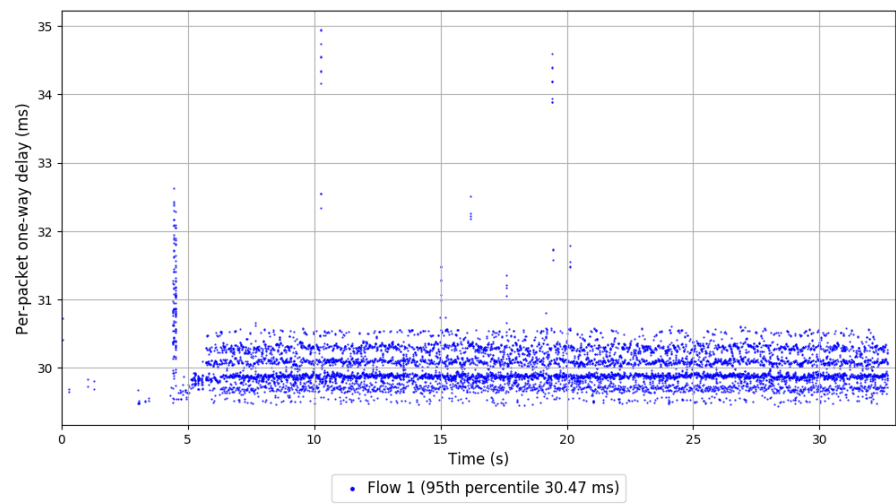
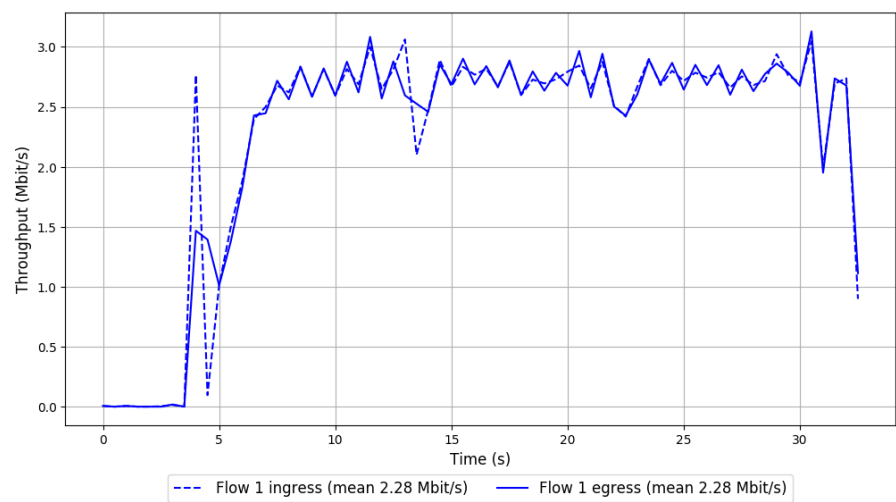
-- Flow 1:

Average throughput: 2.28 Mbit/s

95th percentile per-packet one-way delay: 30.474 ms

Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

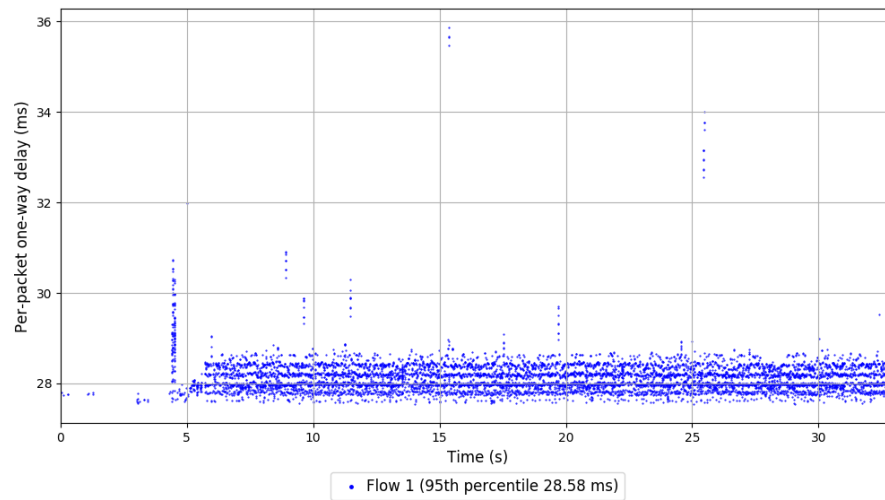
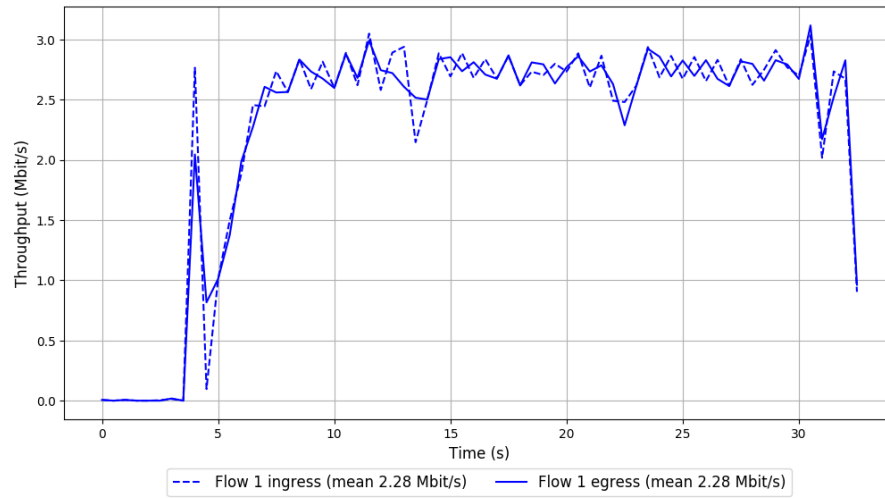


Run 9: Statistics of WebRTC media

Start at: 2018-02-04 11:31:18
End at: 2018-02-04 11:31:48
Local clock offset: 0.977 ms
Remote clock offset: -0.859 ms

Below is generated by plot.py at 2018-02-04 12:44:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.28 Mbit/s
95th percentile per-packet one-way delay: 28.579 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.28 Mbit/s
95th percentile per-packet one-way delay: 28.579 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-02-04 11:55:16

End at: 2018-02-04 11:55:46

Local clock offset: 1.135 ms

Remote clock offset: 1.466 ms

Below is generated by plot.py at 2018-02-04 12:44:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 30.435 ms

Loss rate: 0.01%

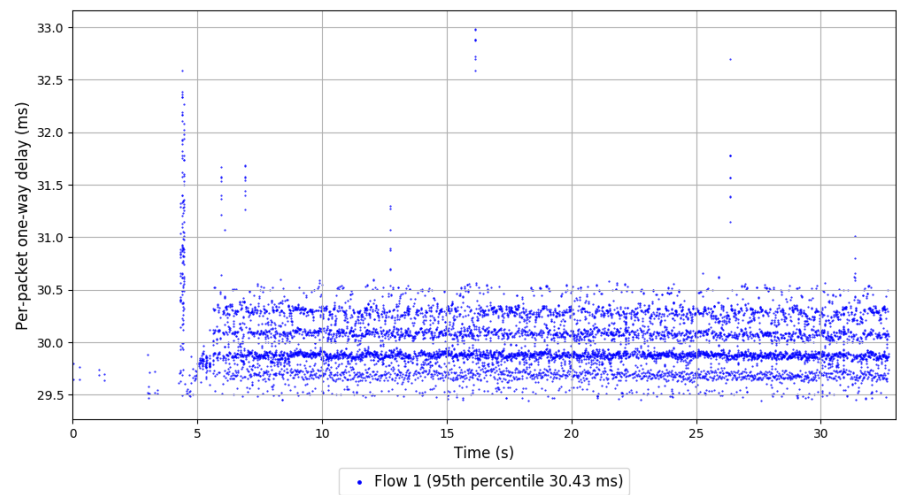
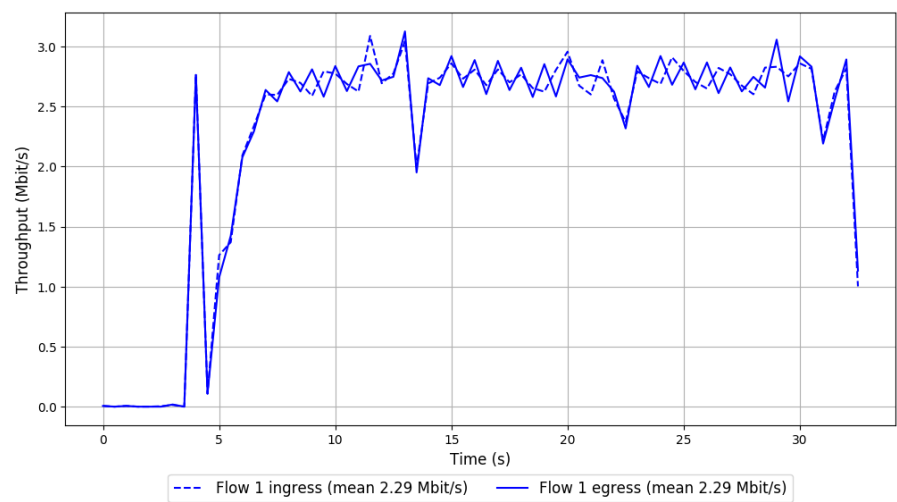
-- Flow 1:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 30.435 ms

Loss rate: 0.01%

Run 10: Report of WebRTC media — Data Link

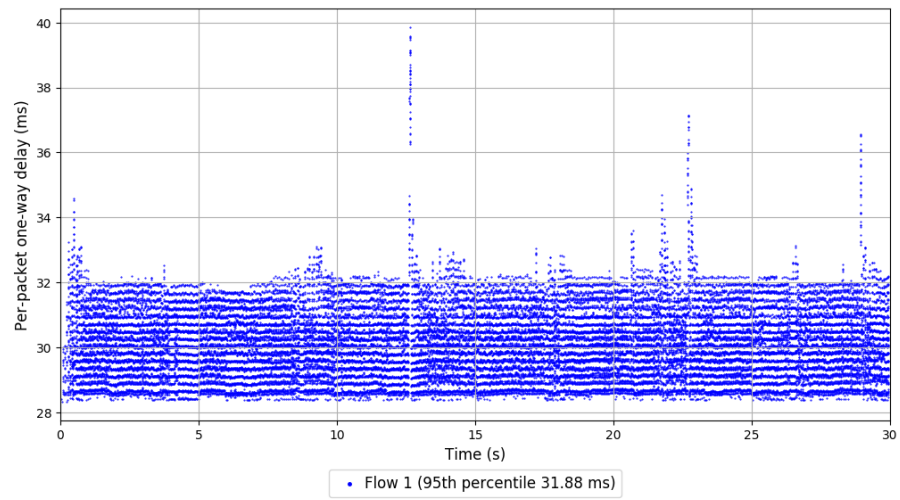
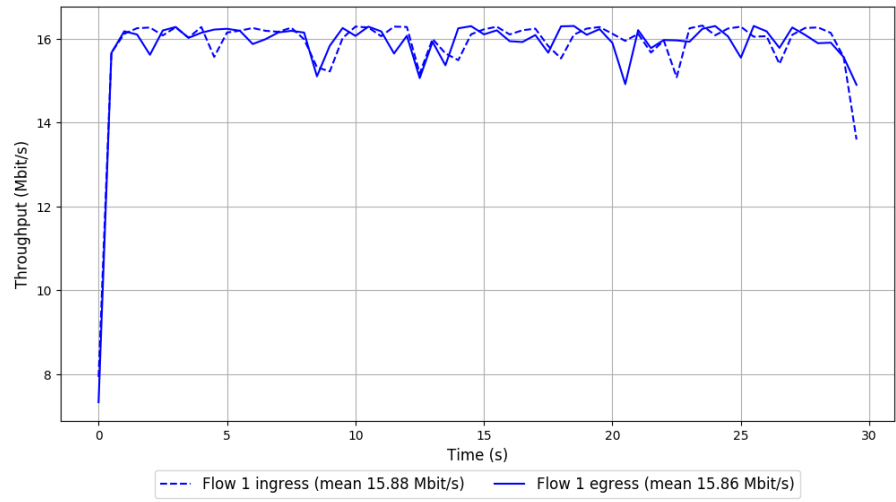


Run 1: Statistics of Sprout

Start at: 2018-02-04 08:30:11
End at: 2018-02-04 08:30:41
Local clock offset: 1.101 ms
Remote clock offset: -2.032 ms

Below is generated by plot.py at 2018-02-04 12:44:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.86 Mbit/s
95th percentile per-packet one-way delay: 31.881 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 15.86 Mbit/s
95th percentile per-packet one-way delay: 31.881 ms
Loss rate: 0.10%

Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

Start at: 2018-02-04 08:54:11

End at: 2018-02-04 08:54:41

Local clock offset: 1.005 ms

Remote clock offset: 0.69 ms

Below is generated by plot.py at 2018-02-04 12:44:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 15.73 Mbit/s

95th percentile per-packet one-way delay: 34.156 ms

Loss rate: 0.00%

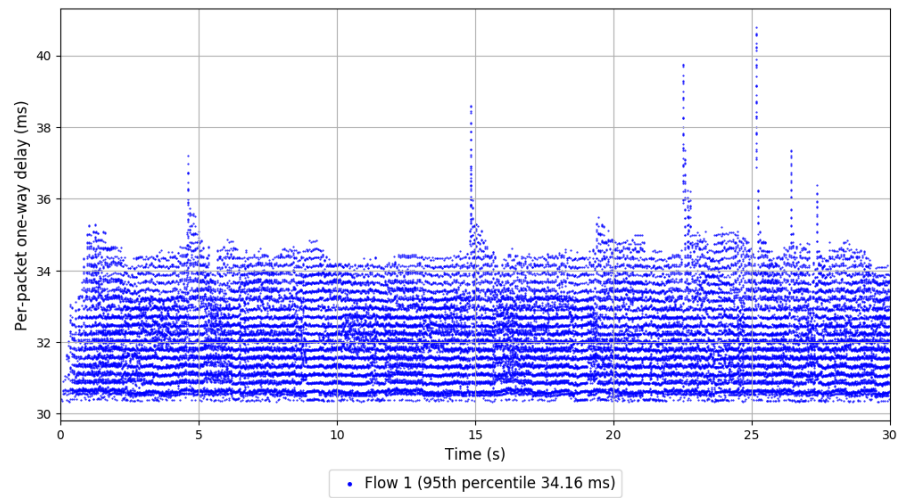
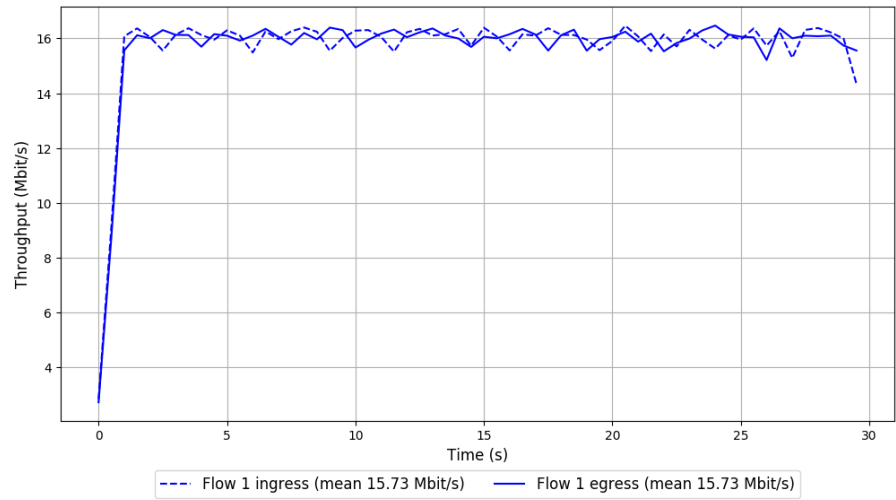
-- Flow 1:

Average throughput: 15.73 Mbit/s

95th percentile per-packet one-way delay: 34.156 ms

Loss rate: 0.00%

Run 2: Report of Sprout — Data Link



Run 3: Statistics of Sprout

Start at: 2018-02-04 09:18:11

End at: 2018-02-04 09:18:41

Local clock offset: 0.885 ms

Remote clock offset: 1.352 ms

Below is generated by plot.py at 2018-02-04 12:44:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 15.93 Mbit/s

95th percentile per-packet one-way delay: 33.845 ms

Loss rate: 0.04%

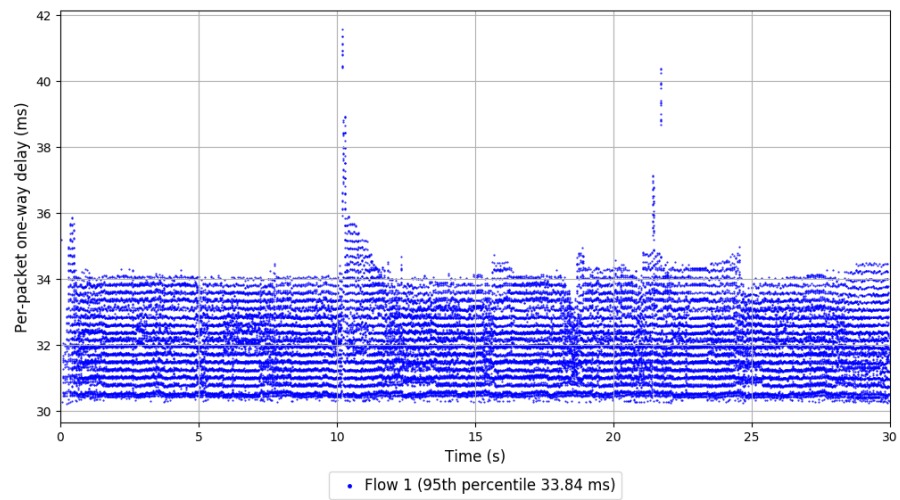
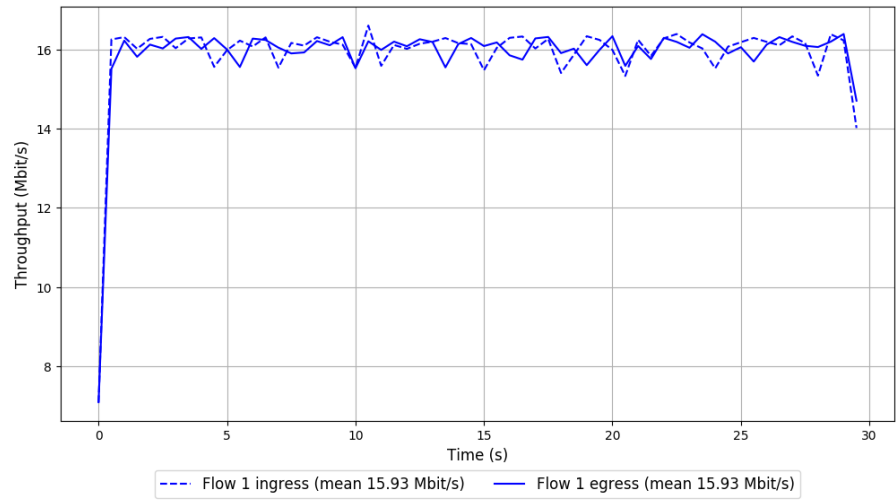
-- Flow 1:

Average throughput: 15.93 Mbit/s

95th percentile per-packet one-way delay: 33.845 ms

Loss rate: 0.04%

Run 3: Report of Sprout — Data Link

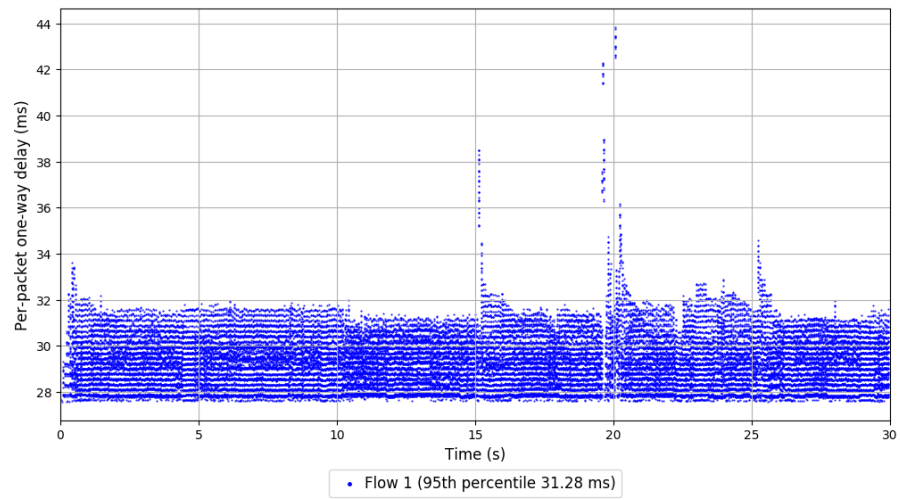
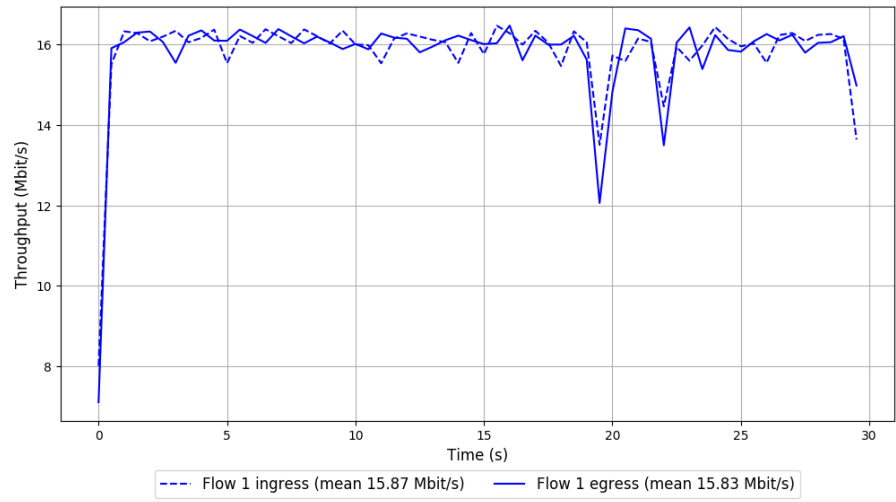


Run 4: Statistics of Sprout

Start at: 2018-02-04 09:42:13
End at: 2018-02-04 09:42:43
Local clock offset: 0.619 ms
Remote clock offset: -0.235 ms

Below is generated by plot.py at 2018-02-04 12:44:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.83 Mbit/s
95th percentile per-packet one-way delay: 31.277 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 15.83 Mbit/s
95th percentile per-packet one-way delay: 31.277 ms
Loss rate: 0.26%

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: 2018-02-04 10:06:08

End at: 2018-02-04 10:06:38

Local clock offset: 0.767 ms

Remote clock offset: 1.872 ms

Below is generated by plot.py at 2018-02-04 12:44:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 15.91 Mbit/s

95th percentile per-packet one-way delay: 33.775 ms

Loss rate: 0.05%

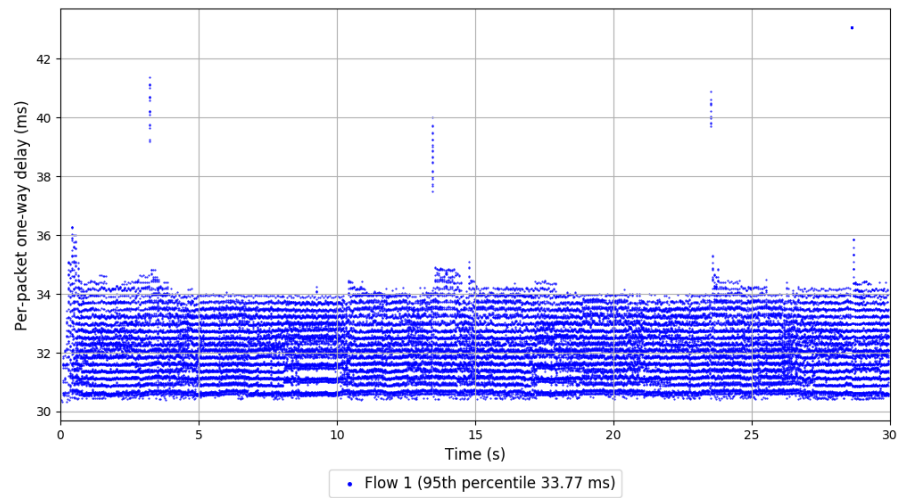
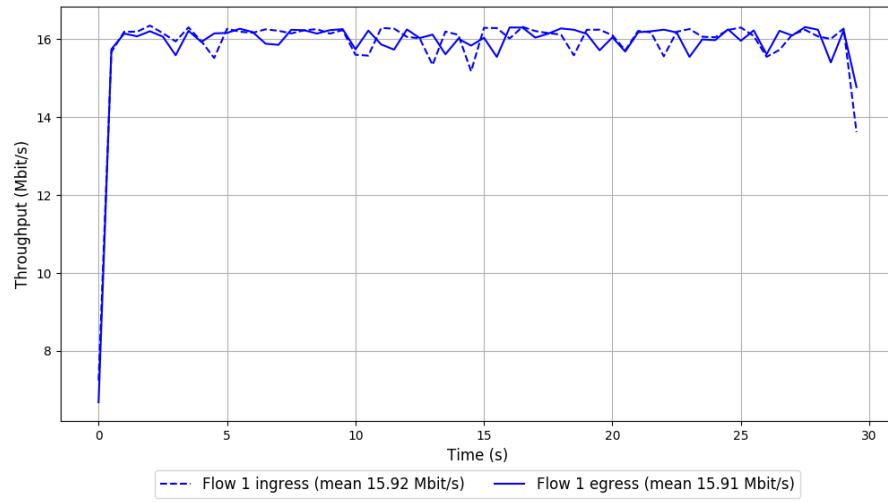
-- Flow 1:

Average throughput: 15.91 Mbit/s

95th percentile per-packet one-way delay: 33.775 ms

Loss rate: 0.05%

Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

Start at: 2018-02-04 10:30:01

End at: 2018-02-04 10:30:31

Local clock offset: 0.877 ms

Remote clock offset: 1.584 ms

Below is generated by plot.py at 2018-02-04 12:44:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 15.90 Mbit/s

95th percentile per-packet one-way delay: 33.518 ms

Loss rate: 0.08%

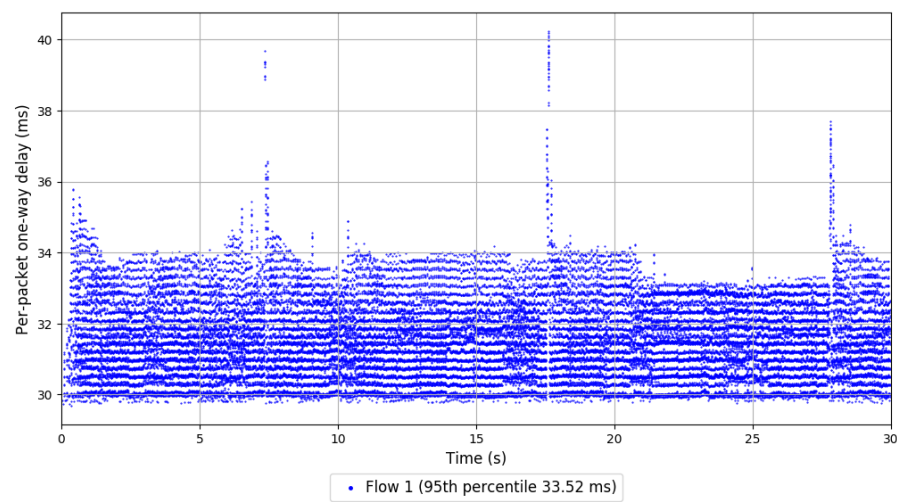
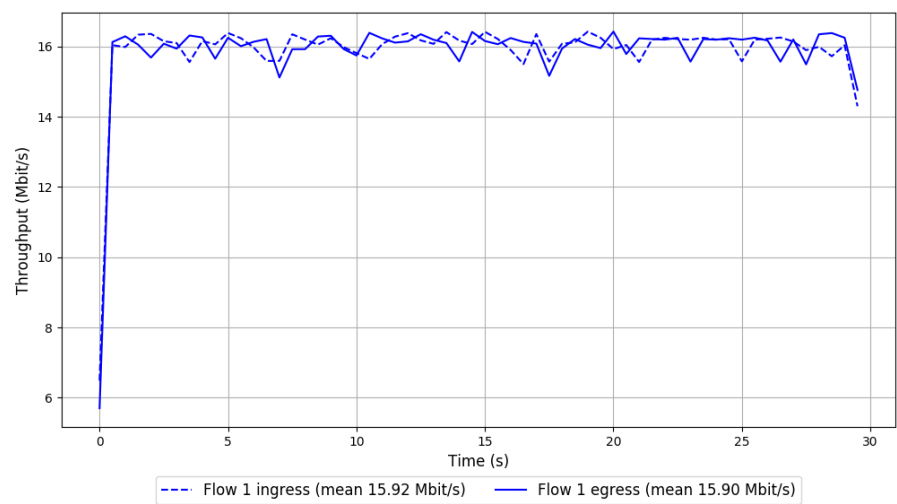
-- Flow 1:

Average throughput: 15.90 Mbit/s

95th percentile per-packet one-way delay: 33.518 ms

Loss rate: 0.08%

Run 6: Report of Sprout — Data Link



Run 7: Statistics of Sprout

Start at: 2018-02-04 10:54:00

End at: 2018-02-04 10:54:30

Local clock offset: 0.928 ms

Remote clock offset: 1.888 ms

Below is generated by plot.py at 2018-02-04 12:44:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 15.93 Mbit/s

95th percentile per-packet one-way delay: 33.860 ms

Loss rate: 0.08%

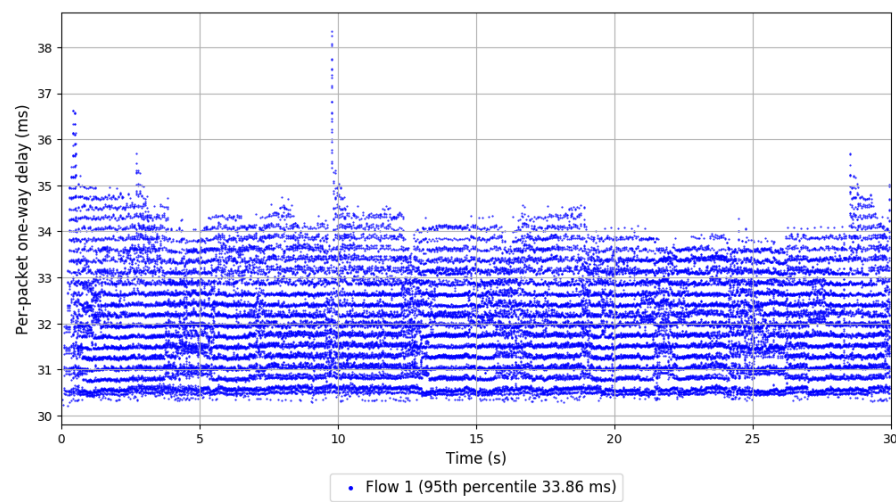
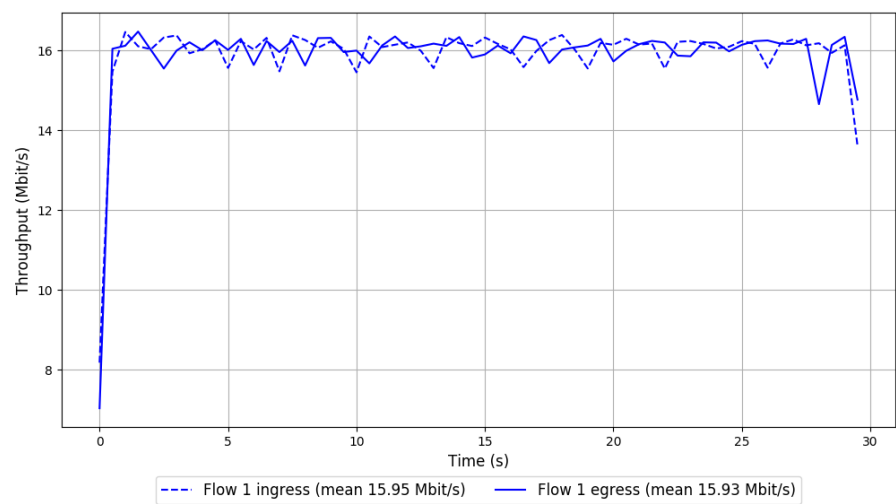
-- Flow 1:

Average throughput: 15.93 Mbit/s

95th percentile per-packet one-way delay: 33.860 ms

Loss rate: 0.08%

Run 7: Report of Sprout — Data Link

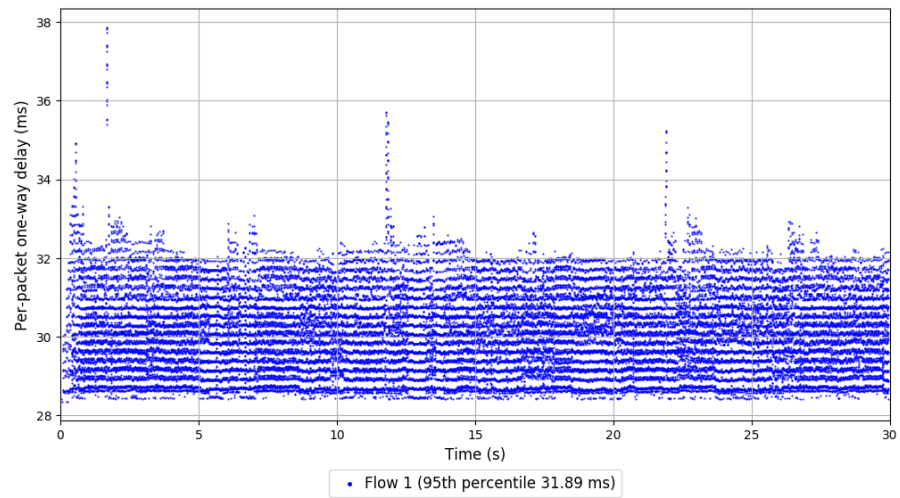
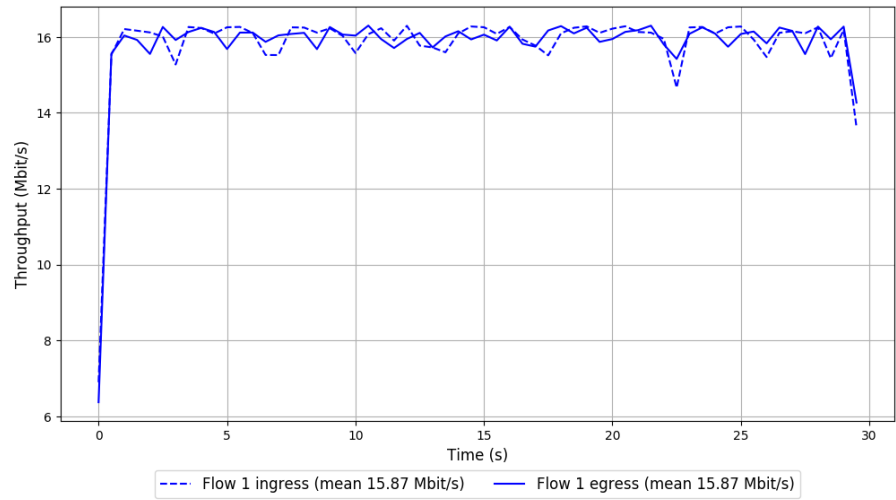


Run 8: Statistics of Sprout

Start at: 2018-02-04 11:17:58
End at: 2018-02-04 11:18:28
Local clock offset: 1.028 ms
Remote clock offset: -0.859 ms

Below is generated by plot.py at 2018-02-04 12:44:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.87 Mbit/s
95th percentile per-packet one-way delay: 31.887 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 15.87 Mbit/s
95th percentile per-packet one-way delay: 31.887 ms
Loss rate: 0.00%

Run 8: Report of Sprout — Data Link

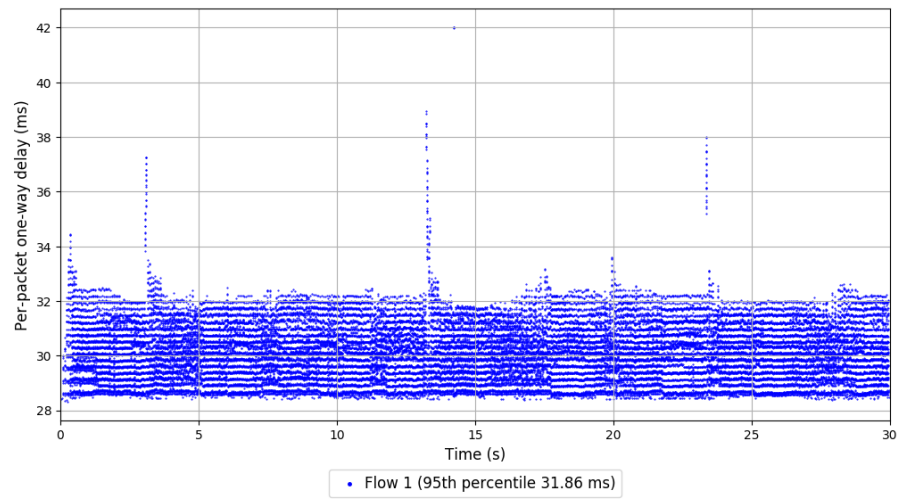
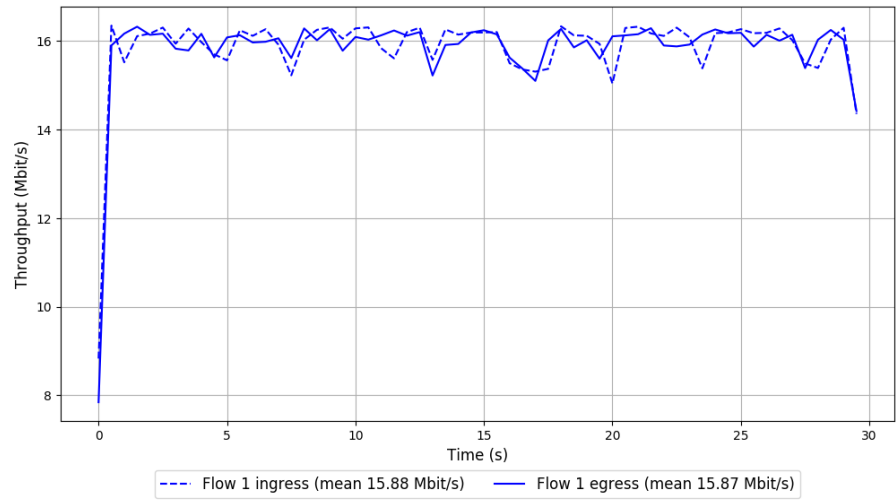


Run 9: Statistics of Sprout

Start at: 2018-02-04 11:41:55
End at: 2018-02-04 11:42:25
Local clock offset: 0.977 ms
Remote clock offset: -0.782 ms

Below is generated by plot.py at 2018-02-04 12:44:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.87 Mbit/s
95th percentile per-packet one-way delay: 31.865 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 15.87 Mbit/s
95th percentile per-packet one-way delay: 31.865 ms
Loss rate: 0.11%

Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: 2018-02-04 12:05:58

End at: 2018-02-04 12:06:28

Local clock offset: 1.158 ms

Remote clock offset: -0.466 ms

Below is generated by plot.py at 2018-02-04 12:44:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 15.95 Mbit/s

95th percentile per-packet one-way delay: 31.220 ms

Loss rate: 0.00%

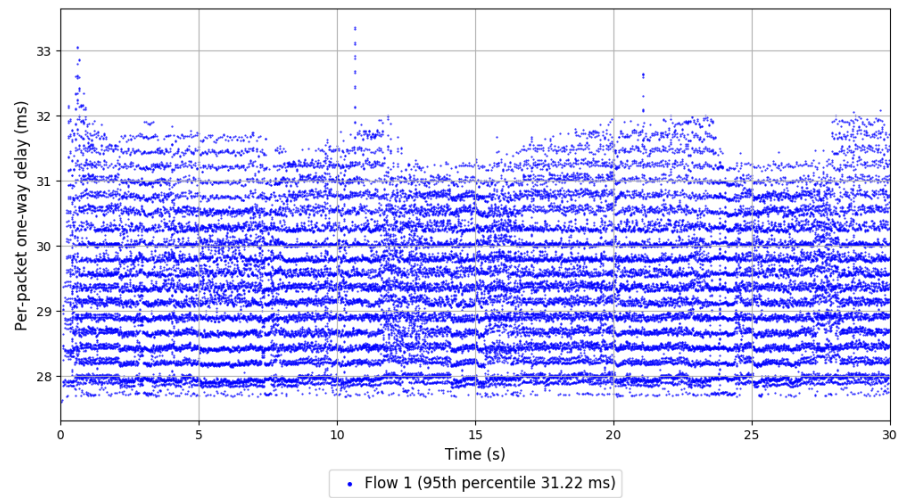
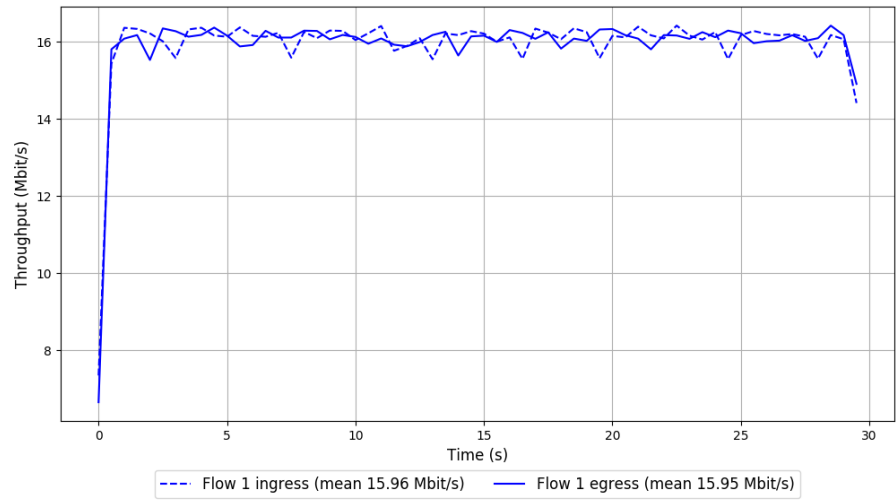
-- Flow 1:

Average throughput: 15.95 Mbit/s

95th percentile per-packet one-way delay: 31.220 ms

Loss rate: 0.00%

Run 10: Report of Sprout — Data Link

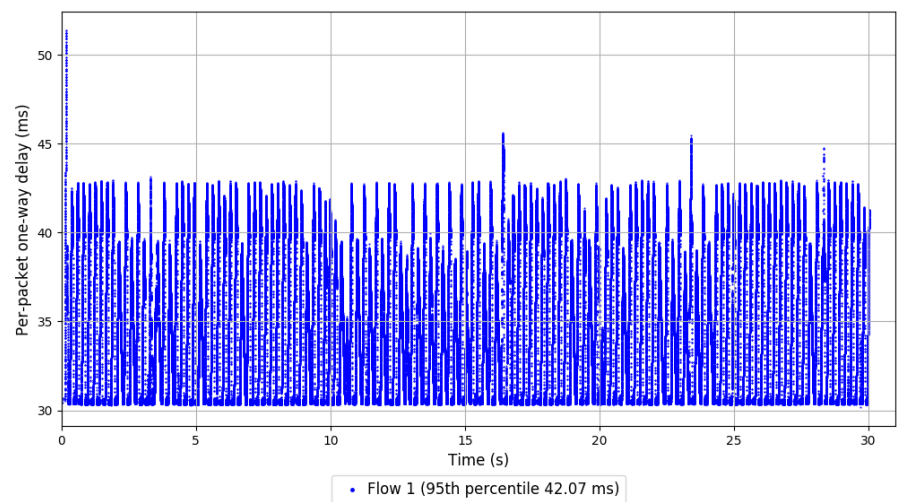
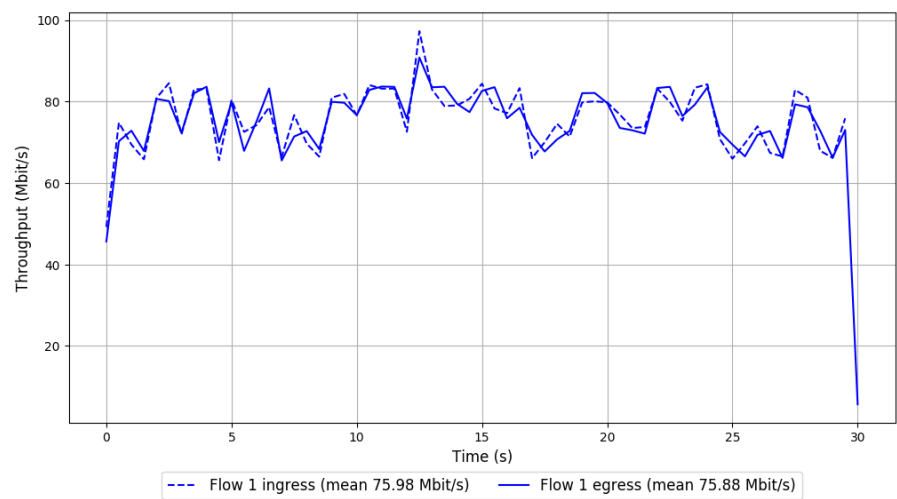


```
Run 1: Statistics of TaoVA-100x

Start at: 2018-02-04 08:21:55
End at: 2018-02-04 08:22:25
Local clock offset: 0.979 ms
Remote clock offset: 0.761 ms

# Below is generated by plot.py at 2018-02-04 12:45:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.88 Mbit/s
95th percentile per-packet one-way delay: 42.072 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 75.88 Mbit/s
95th percentile per-packet one-way delay: 42.072 ms
Loss rate: 0.09%
```

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



Run 2: Statistics of TaoVA-100x

Start at: 2018-02-04 08:46:12

End at: 2018-02-04 08:46:42

Local clock offset: 1.04 ms

Remote clock offset: -0.217 ms

Below is generated by plot.py at 2018-02-04 12:46:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.88 Mbit/s

95th percentile per-packet one-way delay: 41.315 ms

Loss rate: 0.03%

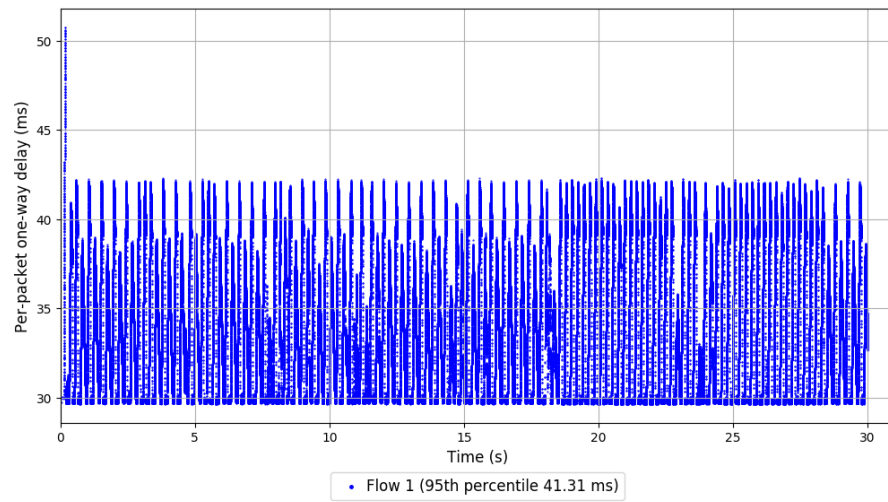
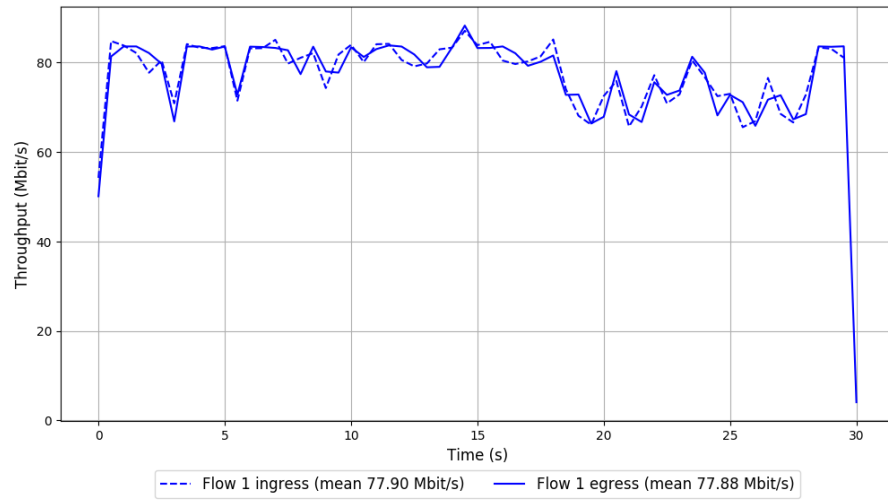
-- Flow 1:

Average throughput: 77.88 Mbit/s

95th percentile per-packet one-way delay: 41.315 ms

Loss rate: 0.03%

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



Run 3: Statistics of TaoVA-100x

Start at: 2018-02-04 09:10:12

End at: 2018-02-04 09:10:42

Local clock offset: 0.893 ms

Remote clock offset: -1.539 ms

Below is generated by plot.py at 2018-02-04 12:46:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.97 Mbit/s

95th percentile per-packet one-way delay: 39.200 ms

Loss rate: 0.06%

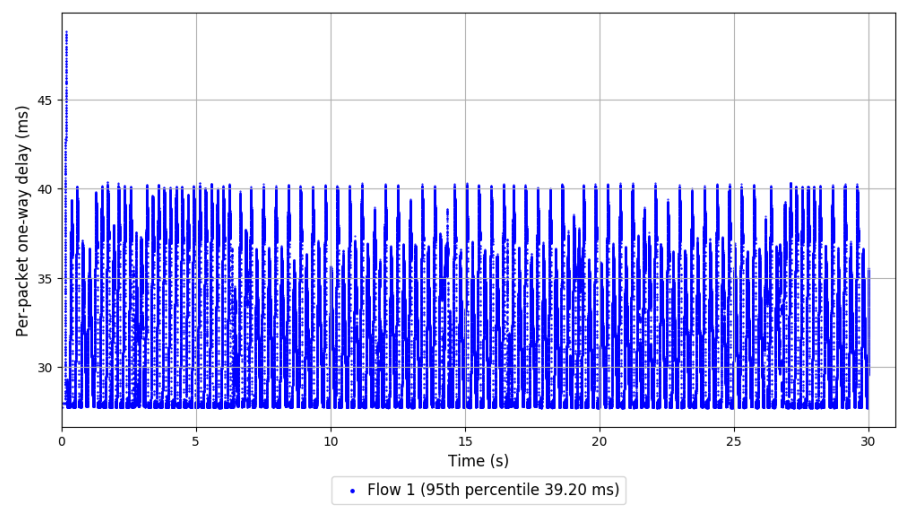
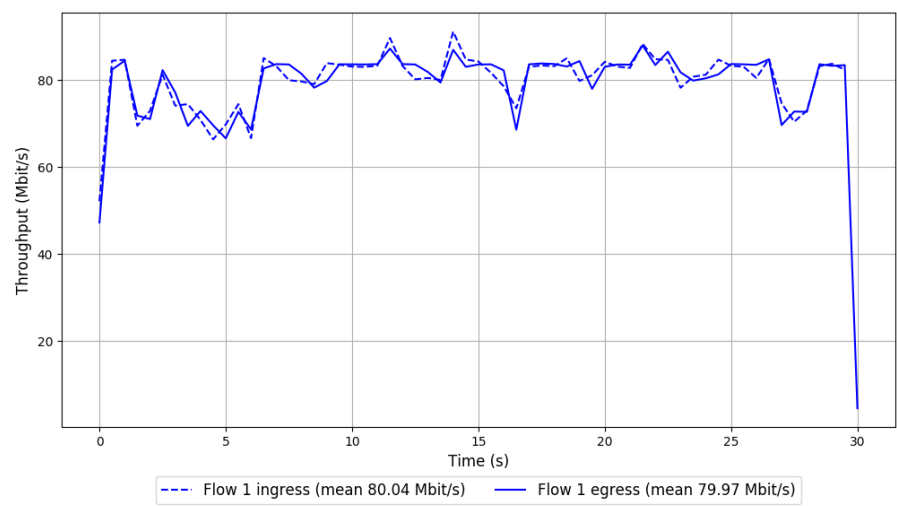
-- Flow 1:

Average throughput: 79.97 Mbit/s

95th percentile per-packet one-way delay: 39.200 ms

Loss rate: 0.06%

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



Run 4: Statistics of TaoVA-100x

Start at: 2018-02-04 09:34:07

End at: 2018-02-04 09:34:37

Local clock offset: 0.819 ms

Remote clock offset: 1.725 ms

Below is generated by plot.py at 2018-02-04 12:46:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.32 Mbit/s

95th percentile per-packet one-way delay: 41.228 ms

Loss rate: 0.02%

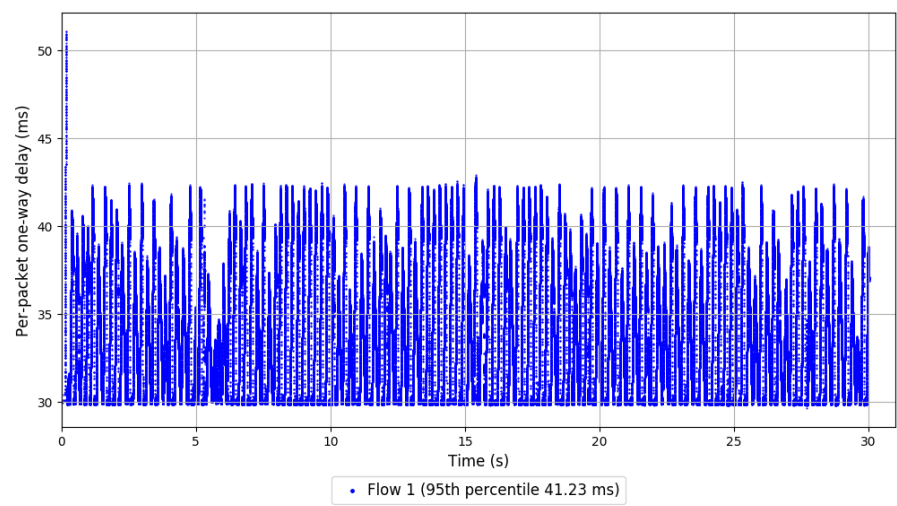
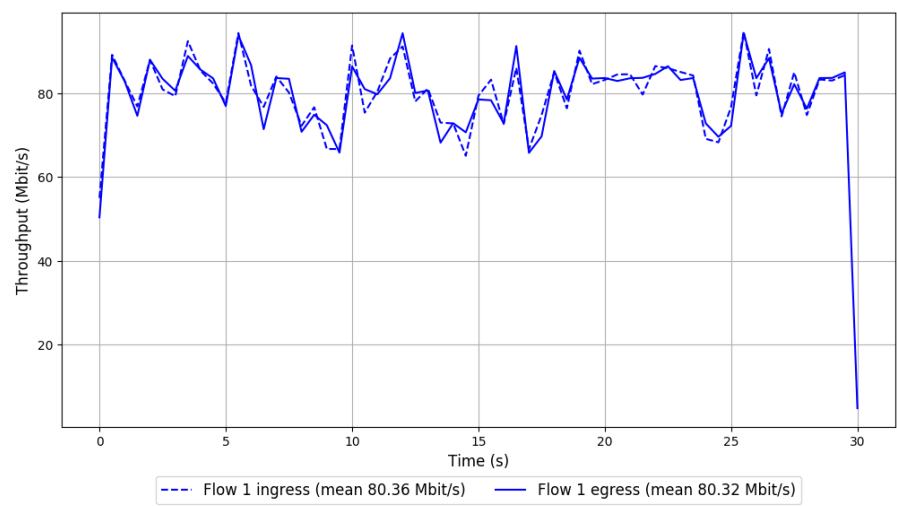
-- Flow 1:

Average throughput: 80.32 Mbit/s

95th percentile per-packet one-way delay: 41.228 ms

Loss rate: 0.02%

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



Run 5: Statistics of TaoVA-100x

Start at: 2018-02-04 09:58:10

End at: 2018-02-04 09:58:40

Local clock offset: 0.739 ms

Remote clock offset: 0.079 ms

Below is generated by plot.py at 2018-02-04 12:46:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.56 Mbit/s

95th percentile per-packet one-way delay: 39.939 ms

Loss rate: 0.02%

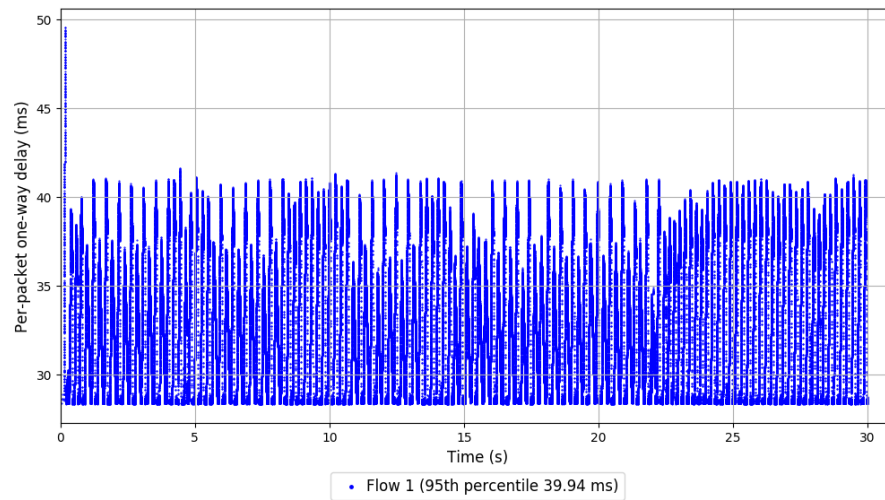
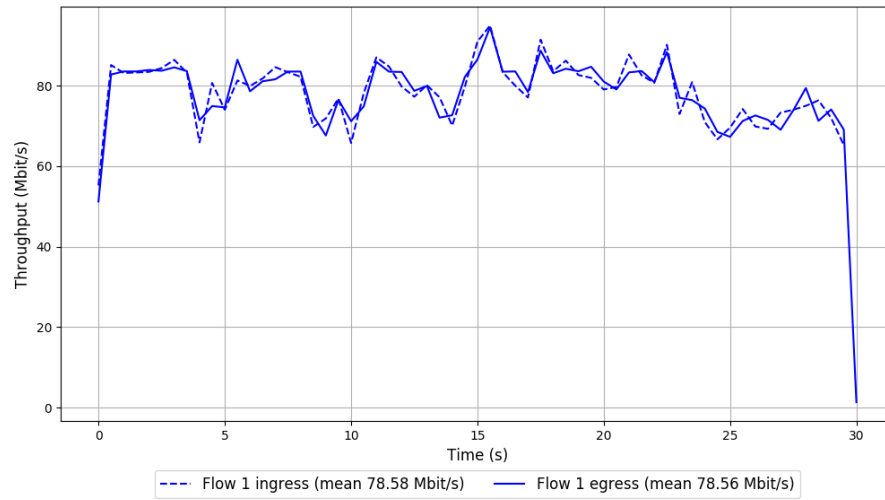
-- Flow 1:

Average throughput: 78.56 Mbit/s

95th percentile per-packet one-way delay: 39.939 ms

Loss rate: 0.02%

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



Run 6: Statistics of TaoVA-100x

Start at: 2018-02-04 10:22:03

End at: 2018-02-04 10:22:33

Local clock offset: 0.673 ms

Remote clock offset: -0.512 ms

Below is generated by plot.py at 2018-02-04 12:46:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 76.74 Mbit/s

95th percentile per-packet one-way delay: 40.163 ms

Loss rate: 0.01%

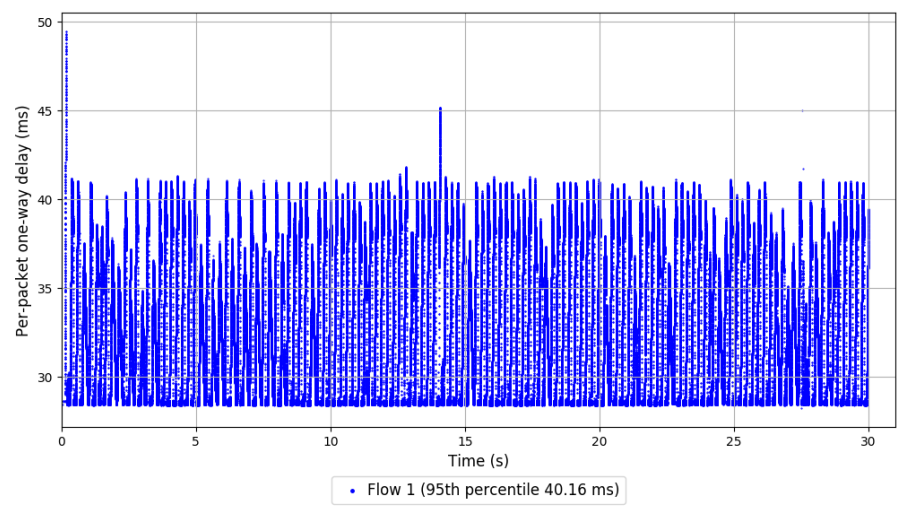
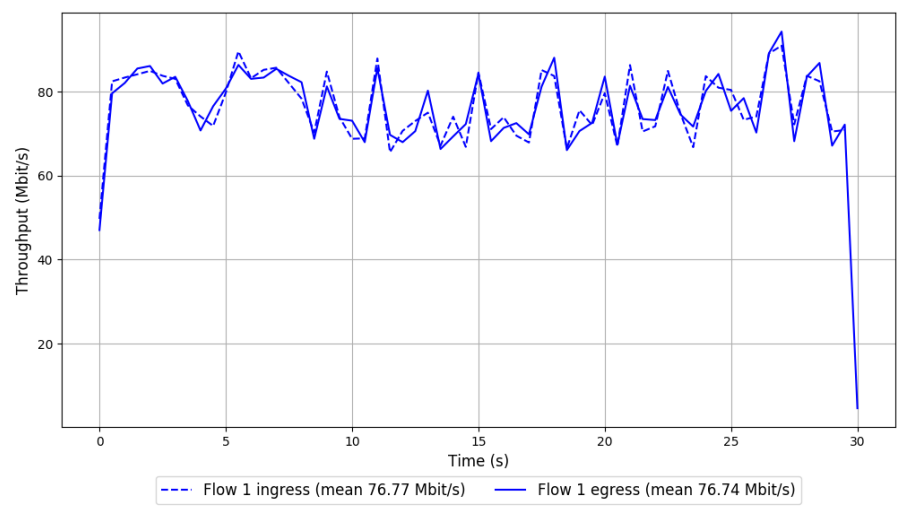
-- Flow 1:

Average throughput: 76.74 Mbit/s

95th percentile per-packet one-way delay: 40.163 ms

Loss rate: 0.01%

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



Run 7: Statistics of TaoVA-100x

Start at: 2018-02-04 10:45:59

End at: 2018-02-04 10:46:29

Local clock offset: 0.936 ms

Remote clock offset: 1.478 ms

Below is generated by plot.py at 2018-02-04 12:46:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.95 Mbit/s

95th percentile per-packet one-way delay: 42.282 ms

Loss rate: 0.02%

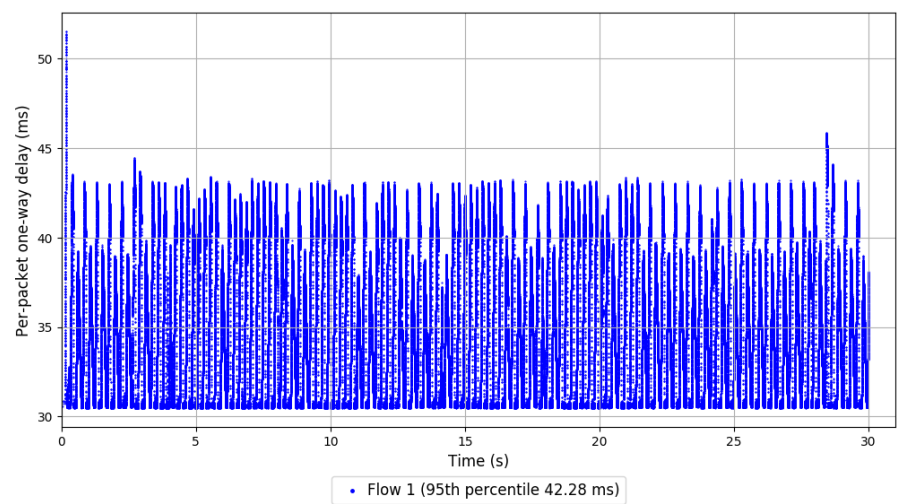
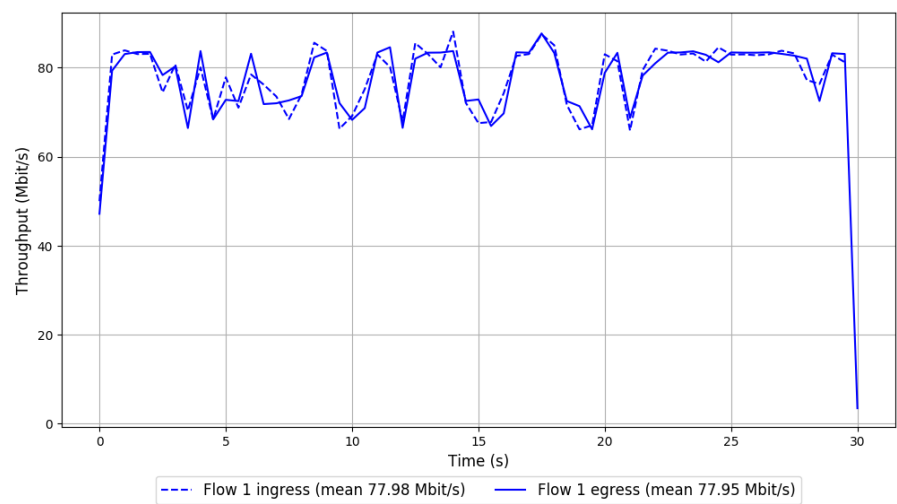
-- Flow 1:

Average throughput: 77.95 Mbit/s

95th percentile per-packet one-way delay: 42.282 ms

Loss rate: 0.02%

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



Run 8: Statistics of TaoVA-100x

Start at: 2018-02-04 11:10:00

End at: 2018-02-04 11:10:30

Local clock offset: 1.086 ms

Remote clock offset: 1.253 ms

Below is generated by plot.py at 2018-02-04 12:46:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.57 Mbit/s

95th percentile per-packet one-way delay: 42.296 ms

Loss rate: 0.11%

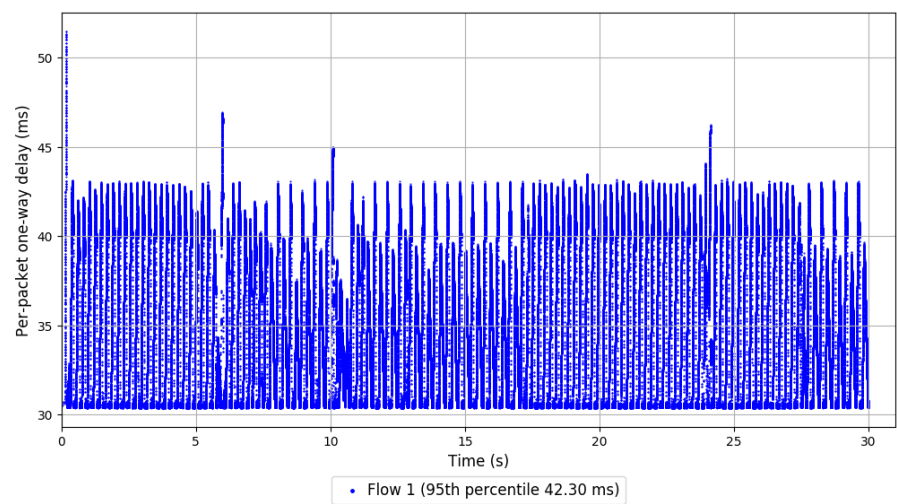
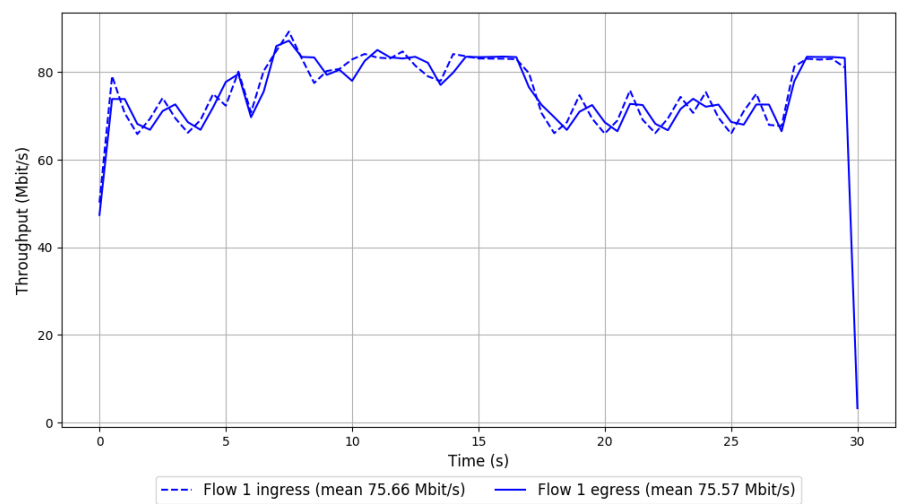
-- Flow 1:

Average throughput: 75.57 Mbit/s

95th percentile per-packet one-way delay: 42.296 ms

Loss rate: 0.11%

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



Run 9: Statistics of TaoVA-100x

Start at: 2018-02-04 11:33:56

End at: 2018-02-04 11:34:26

Local clock offset: 0.907 ms

Remote clock offset: 1.194 ms

Below is generated by plot.py at 2018-02-04 12:47:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 74.91 Mbit/s

95th percentile per-packet one-way delay: 41.516 ms

Loss rate: 0.06%

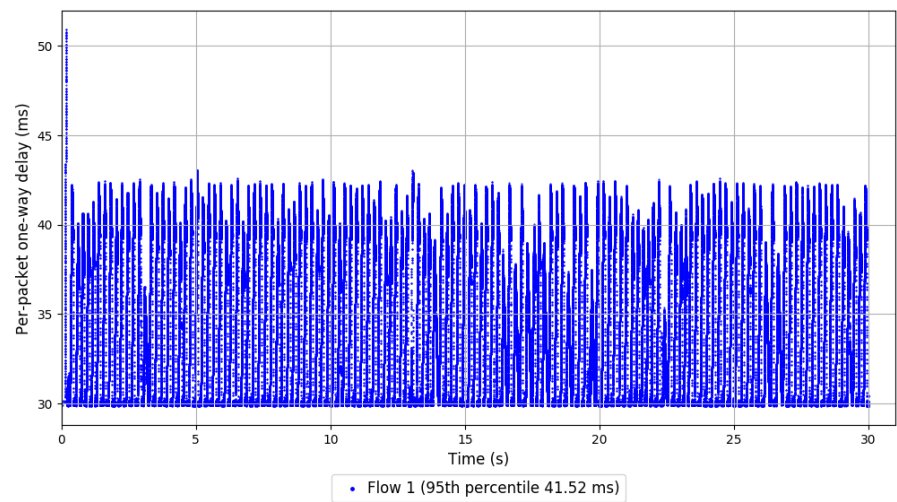
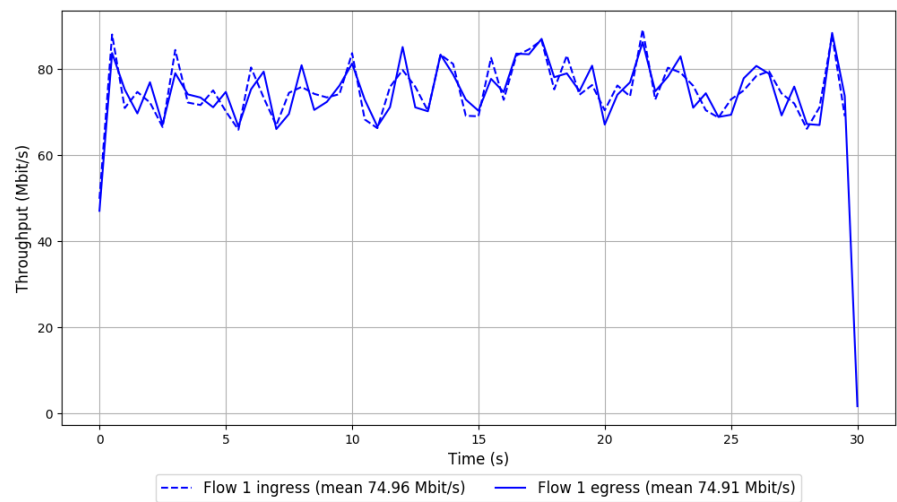
-- Flow 1:

Average throughput: 74.91 Mbit/s

95th percentile per-packet one-way delay: 41.516 ms

Loss rate: 0.06%

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



Run 10: Statistics of TaoVA-100x

Start at: 2018-02-04 11:57:53

End at: 2018-02-04 11:58:23

Local clock offset: 1.143 ms

Remote clock offset: 1.963 ms

Below is generated by plot.py at 2018-02-04 12:47:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 74.41 Mbit/s

95th percentile per-packet one-way delay: 42.755 ms

Loss rate: 0.05%

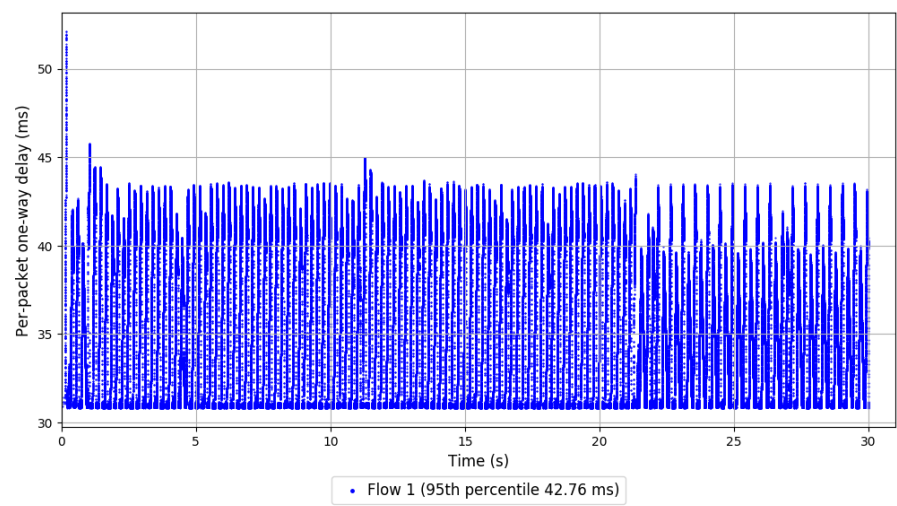
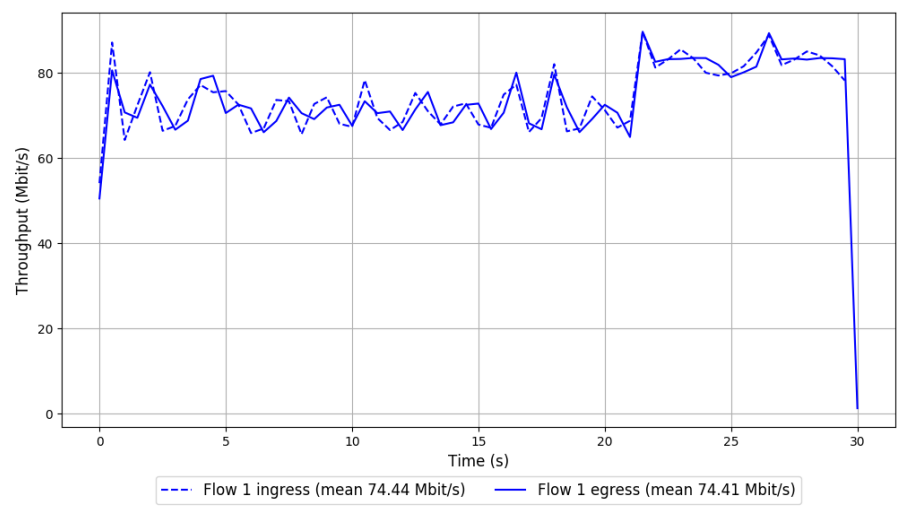
-- Flow 1:

Average throughput: 74.41 Mbit/s

95th percentile per-packet one-way delay: 42.755 ms

Loss rate: 0.05%

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



Run 1: Statistics of TCP Vegas

Start at: 2018-02-04 08:31:28

End at: 2018-02-04 08:31:58

Local clock offset: 1.081 ms

Remote clock offset: 0.404 ms

Below is generated by plot.py at 2018-02-04 12:47:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 54.74 Mbit/s

95th percentile per-packet one-way delay: 43.337 ms

Loss rate: 0.56%

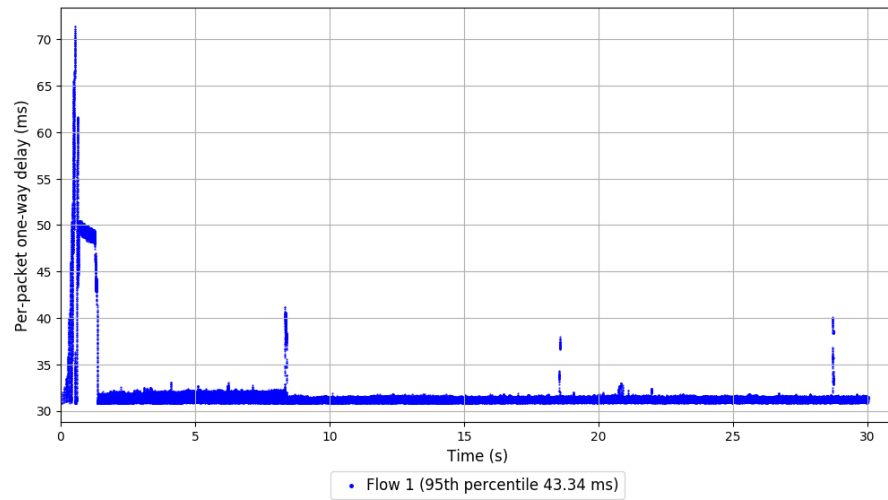
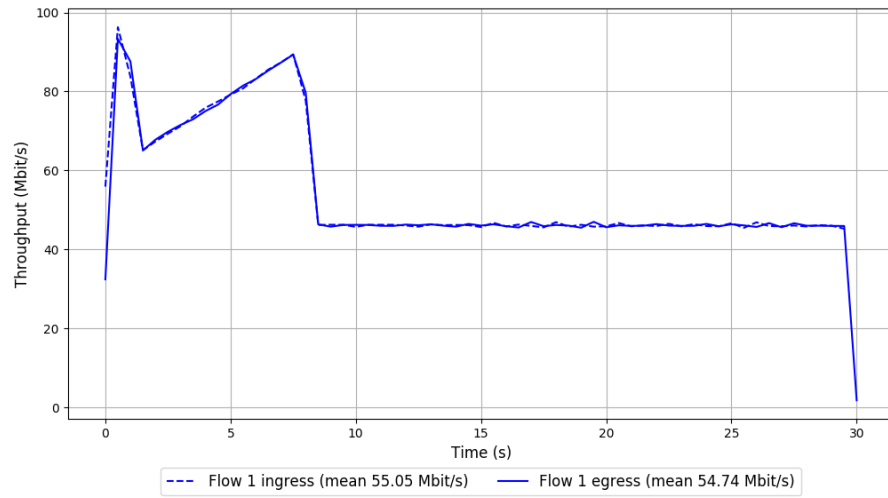
-- Flow 1:

Average throughput: 54.74 Mbit/s

95th percentile per-packet one-way delay: 43.337 ms

Loss rate: 0.56%

Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: 2018-02-04 08:55:27

End at: 2018-02-04 08:55:57

Local clock offset: 1.014 ms

Remote clock offset: 0.178 ms

Below is generated by plot.py at 2018-02-04 12:47:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 74.01 Mbit/s

95th percentile per-packet one-way delay: 31.152 ms

Loss rate: 0.74%

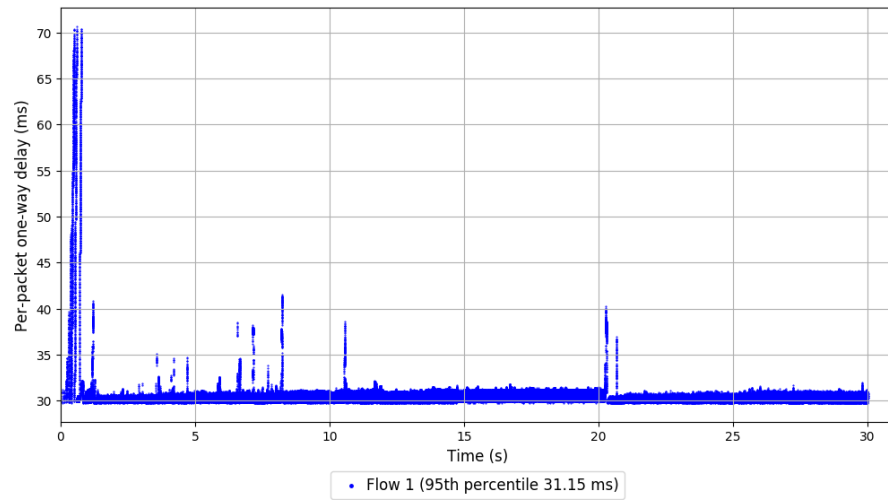
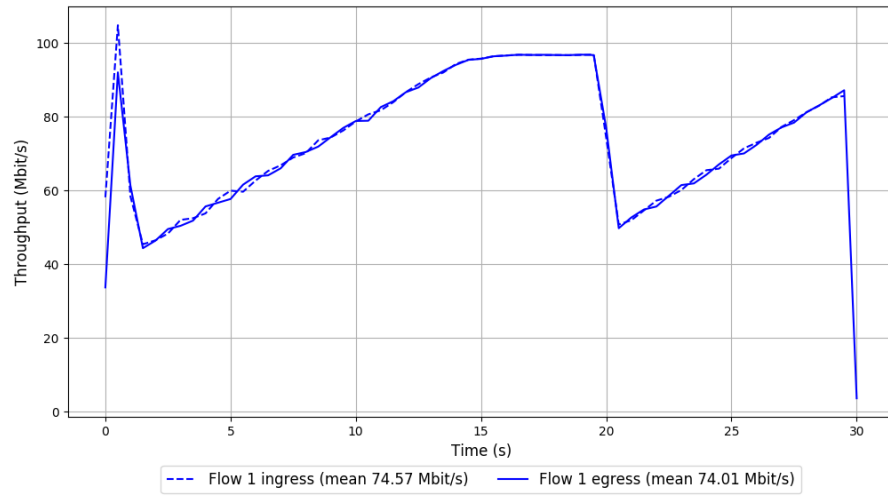
-- Flow 1:

Average throughput: 74.01 Mbit/s

95th percentile per-packet one-way delay: 31.152 ms

Loss rate: 0.74%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: 2018-02-04 09:19:27

End at: 2018-02-04 09:19:57

Local clock offset: 1.005 ms

Remote clock offset: 1.019 ms

Below is generated by plot.py at 2018-02-04 12:47:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 55.28 Mbit/s

95th percentile per-packet one-way delay: 30.946 ms

Loss rate: 0.92%

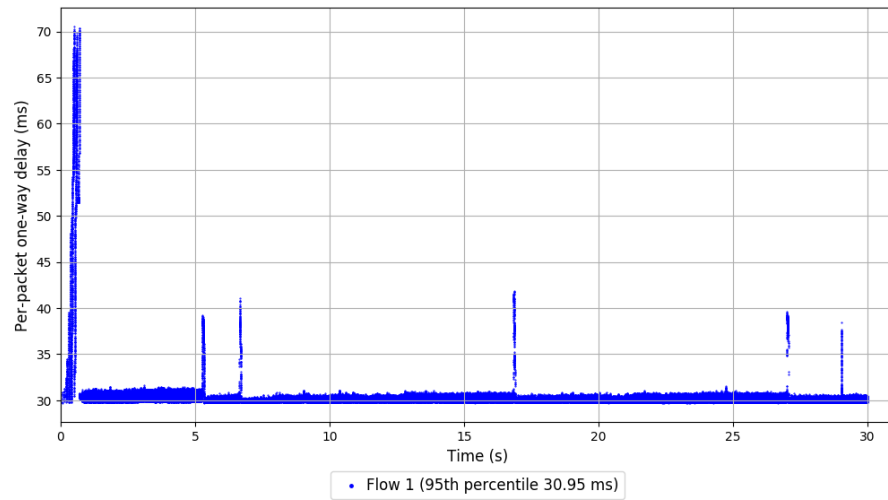
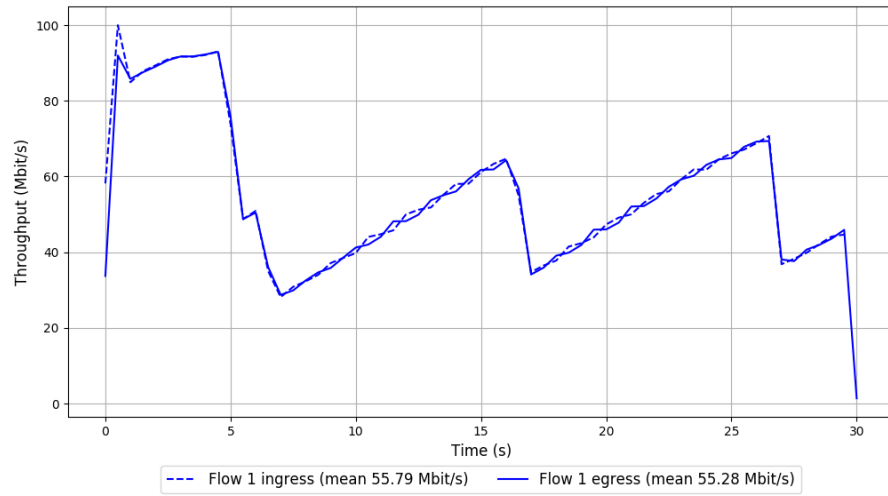
-- Flow 1:

Average throughput: 55.28 Mbit/s

95th percentile per-packet one-way delay: 30.946 ms

Loss rate: 0.92%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: 2018-02-04 09:43:29

End at: 2018-02-04 09:43:59

Local clock offset: 0.674 ms

Remote clock offset: 2.002 ms

Below is generated by plot.py at 2018-02-04 12:47:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 49.75 Mbit/s

95th percentile per-packet one-way delay: 52.902 ms

Loss rate: 0.59%

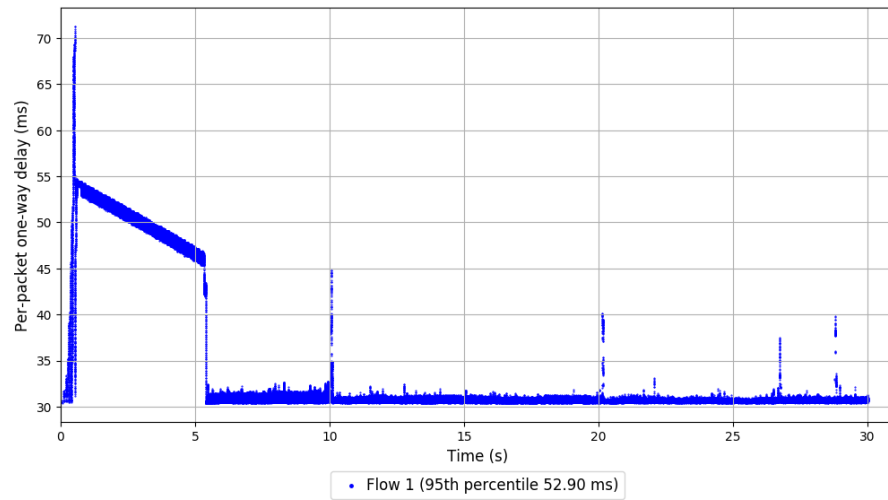
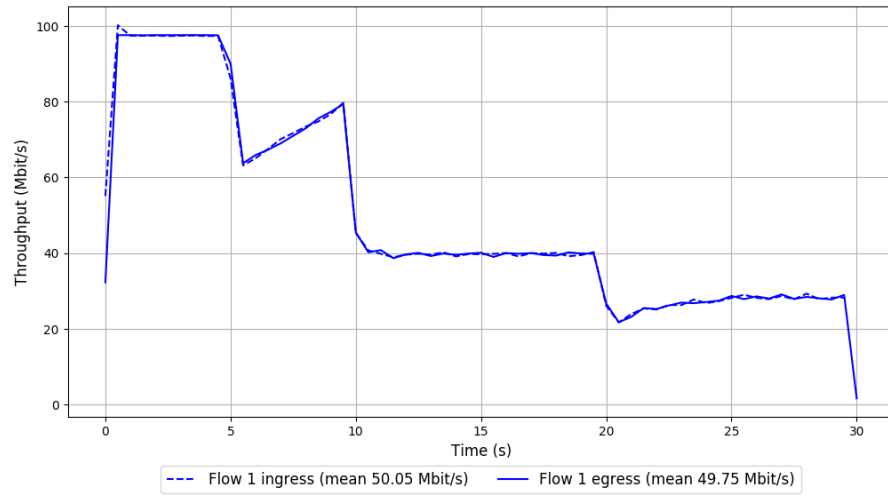
-- Flow 1:

Average throughput: 49.75 Mbit/s

95th percentile per-packet one-way delay: 52.902 ms

Loss rate: 0.59%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: 2018-02-04 10:07:24

End at: 2018-02-04 10:07:54

Local clock offset: 0.748 ms

Remote clock offset: 2.264 ms

Below is generated by plot.py at 2018-02-04 12:47:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.20 Mbit/s

95th percentile per-packet one-way delay: 52.390 ms

Loss rate: 0.37%

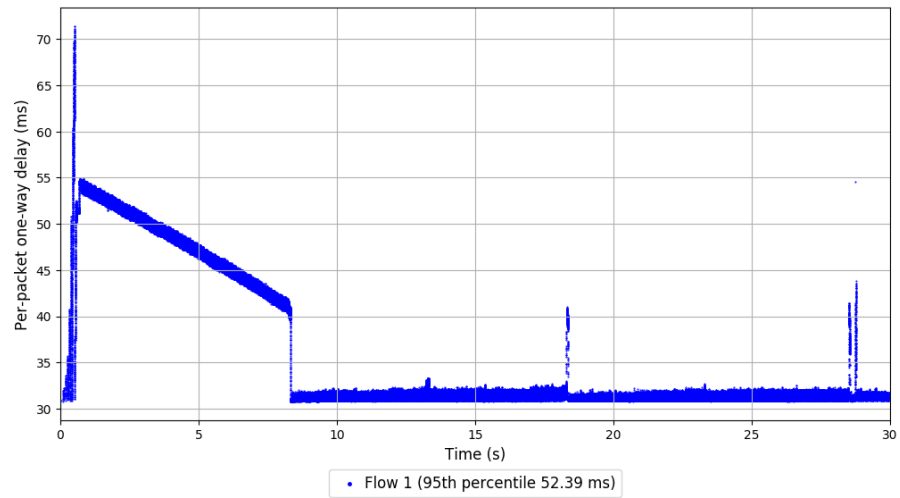
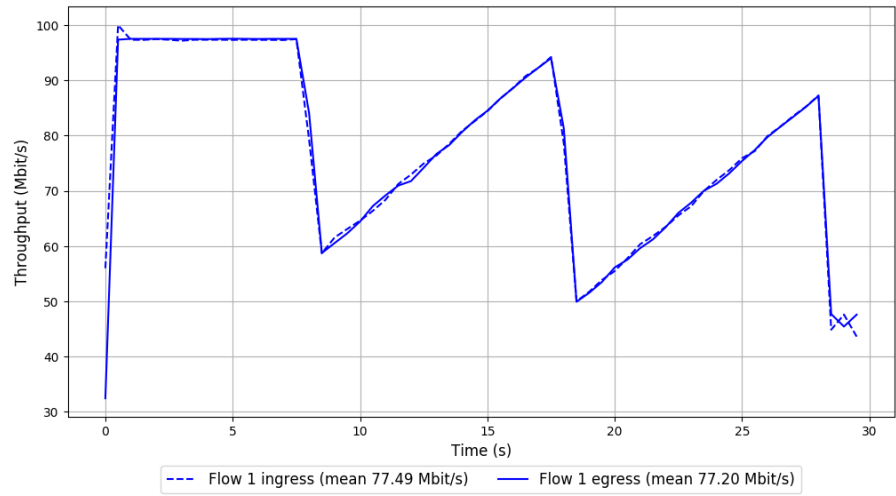
-- Flow 1:

Average throughput: 77.20 Mbit/s

95th percentile per-packet one-way delay: 52.390 ms

Loss rate: 0.37%

Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: 2018-02-04 10:31:17

End at: 2018-02-04 10:31:47

Local clock offset: 0.853 ms

Remote clock offset: 1.495 ms

Below is generated by plot.py at 2018-02-04 12:47:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 38.60 Mbit/s

95th percentile per-packet one-way delay: 53.196 ms

Loss rate: 0.67%

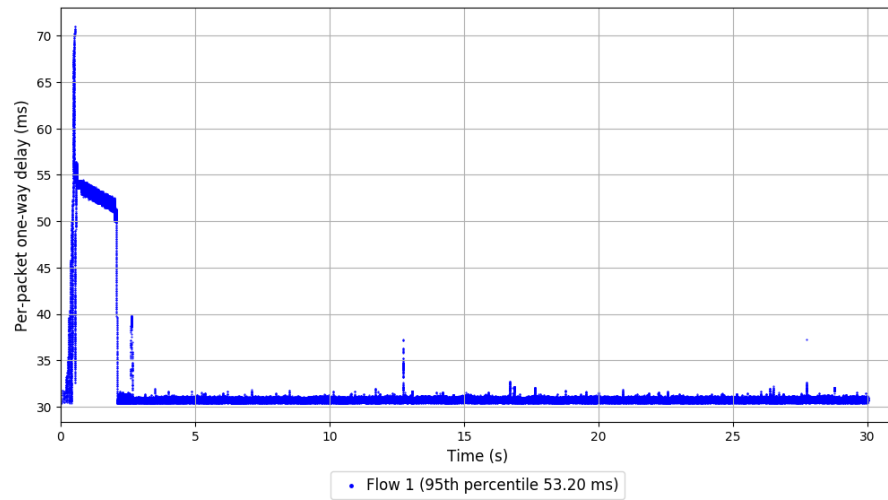
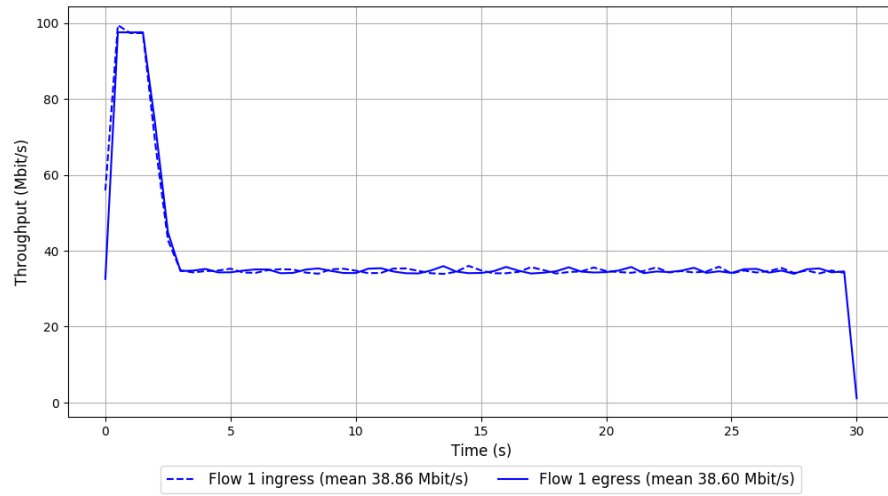
-- Flow 1:

Average throughput: 38.60 Mbit/s

95th percentile per-packet one-way delay: 53.196 ms

Loss rate: 0.67%

Run 6: Report of TCP Vegas — Data Link

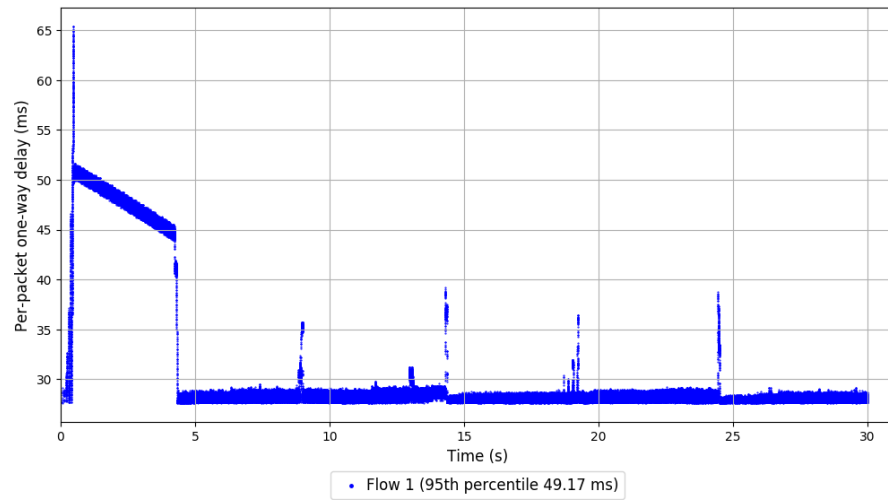
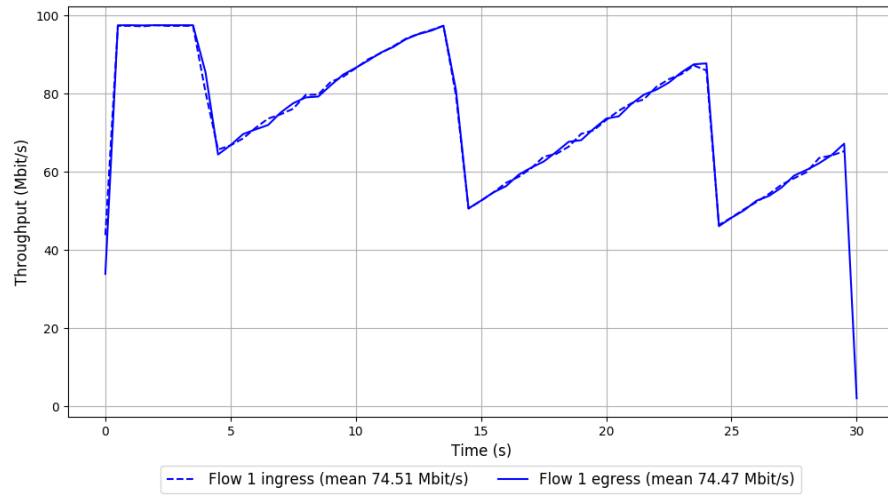


Run 7: Statistics of TCP Vegas

Start at: 2018-02-04 10:55:16
End at: 2018-02-04 10:55:46
Local clock offset: 1.022 ms
Remote clock offset: -0.688 ms

Below is generated by plot.py at 2018-02-04 12:47:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.47 Mbit/s
95th percentile per-packet one-way delay: 49.170 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 74.47 Mbit/s
95th percentile per-packet one-way delay: 49.170 ms
Loss rate: 0.05%

Run 7: Report of TCP Vegas — Data Link



Run 8: Statistics of TCP Vegas

Start at: 2018-02-04 11:19:15

End at: 2018-02-04 11:19:45

Local clock offset: 0.953 ms

Remote clock offset: 1.183 ms

Below is generated by plot.py at 2018-02-04 12:48:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.50 Mbit/s

95th percentile per-packet one-way delay: 50.665 ms

Loss rate: 0.27%

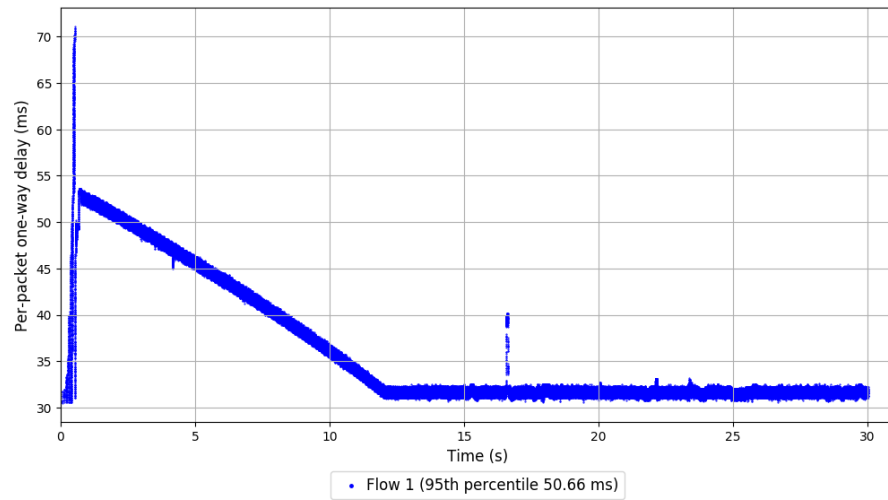
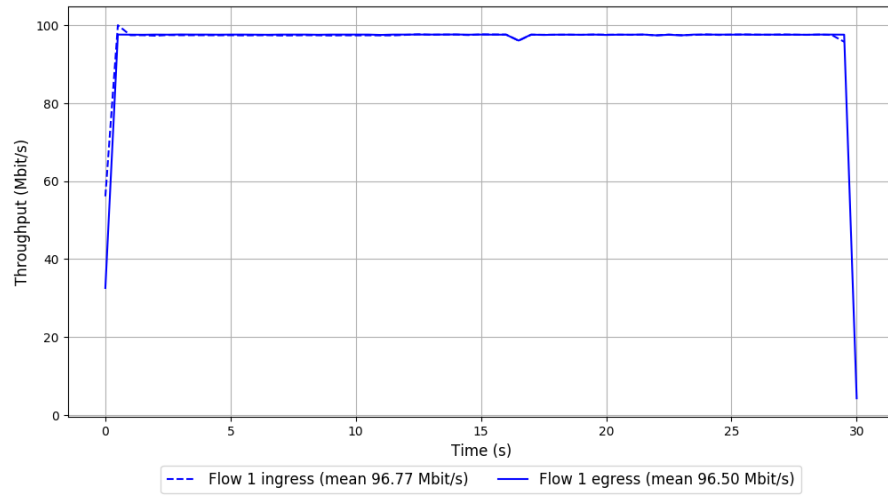
-- Flow 1:

Average throughput: 96.50 Mbit/s

95th percentile per-packet one-way delay: 50.665 ms

Loss rate: 0.27%

Run 8: Report of TCP Vegas — Data Link

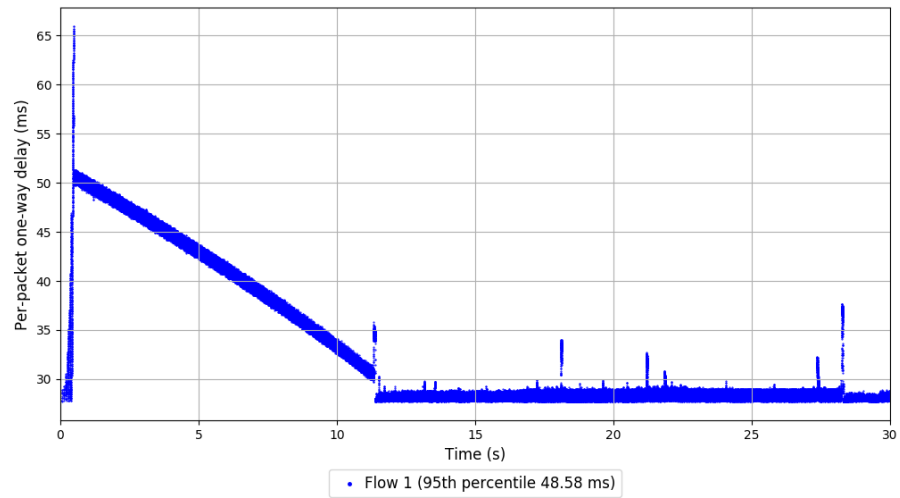
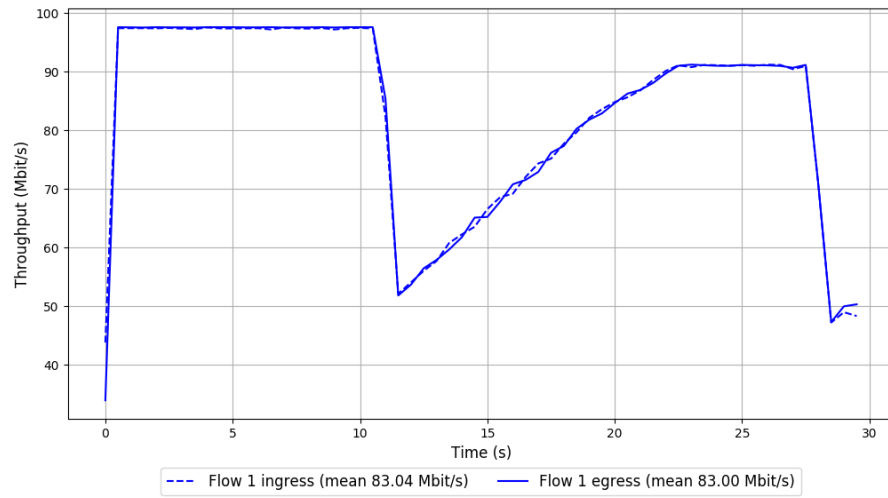


Run 9: Statistics of TCP Vegas

Start at: 2018-02-04 11:43:12
End at: 2018-02-04 11:43:42
Local clock offset: 0.988 ms
Remote clock offset: -0.731 ms

Below is generated by plot.py at 2018-02-04 12:48:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.00 Mbit/s
95th percentile per-packet one-way delay: 48.579 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 83.00 Mbit/s
95th percentile per-packet one-way delay: 48.579 ms
Loss rate: 0.04%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: 2018-02-04 12:07:14

End at: 2018-02-04 12:07:45

Local clock offset: 1.182 ms

Remote clock offset: 1.619 ms

Below is generated by plot.py at 2018-02-04 12:48:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 53.40 Mbit/s

95th percentile per-packet one-way delay: 52.229 ms

Loss rate: 0.52%

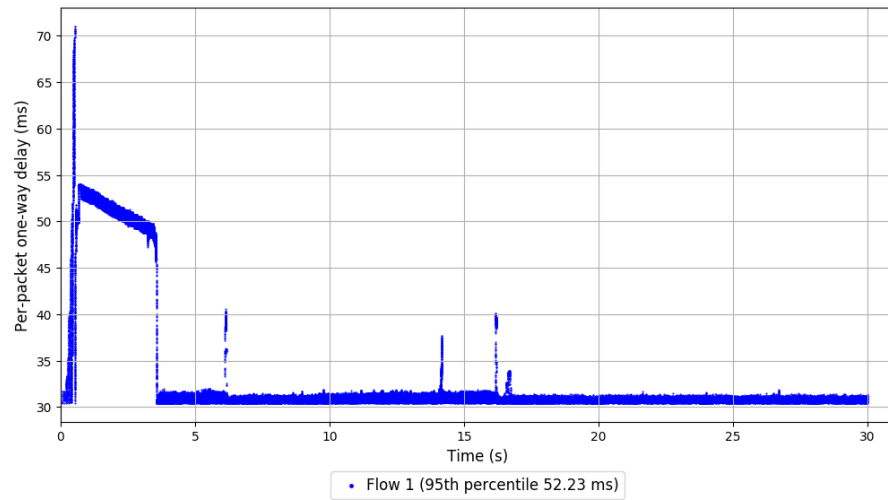
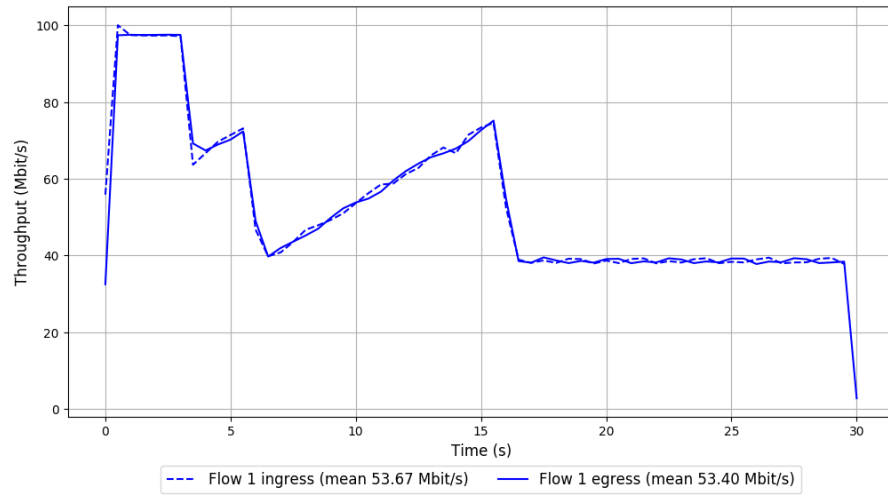
-- Flow 1:

Average throughput: 53.40 Mbit/s

95th percentile per-packet one-way delay: 52.229 ms

Loss rate: 0.52%

Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: 2018-02-04 08:24:47

End at: 2018-02-04 08:25:17

Local clock offset: 1.095 ms

Remote clock offset: 0.666 ms

Below is generated by plot.py at 2018-02-04 12:48:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 46.18 Mbit/s

95th percentile per-packet one-way delay: 75.478 ms

Loss rate: 73.90%

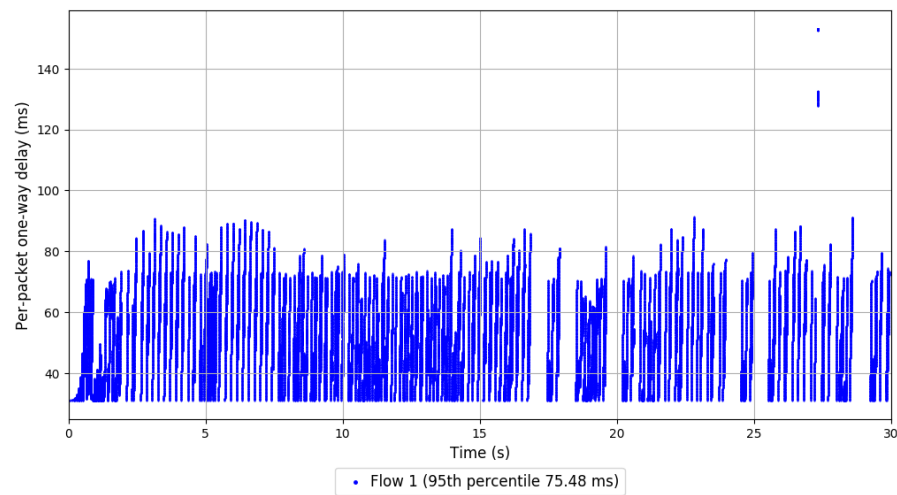
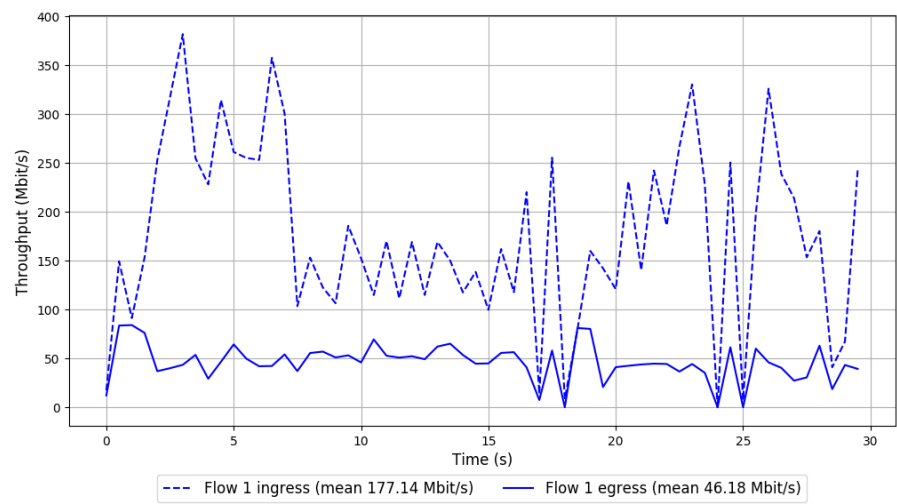
-- Flow 1:

Average throughput: 46.18 Mbit/s

95th percentile per-packet one-way delay: 75.478 ms

Loss rate: 73.90%

Run 1: Report of Verus — Data Link

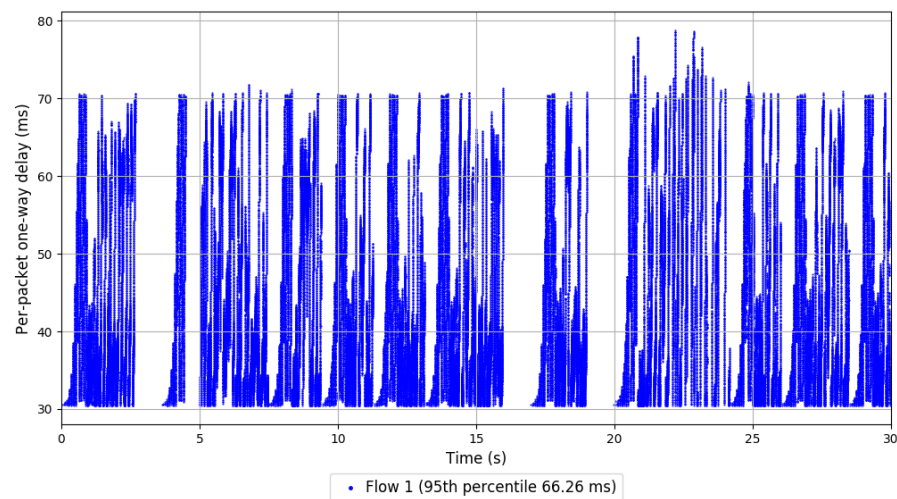
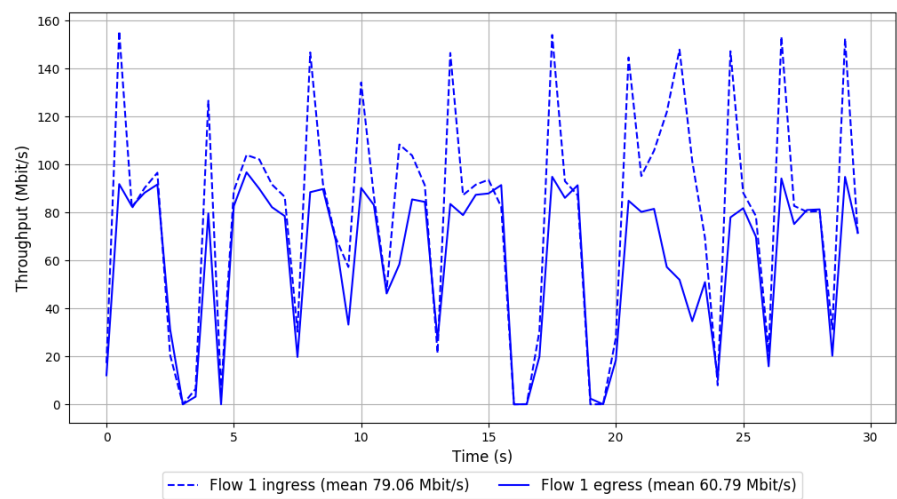


Run 2: Statistics of Verus

Start at: 2018-02-04 08:48:56
End at: 2018-02-04 08:49:26
Local clock offset: 1.049 ms
Remote clock offset: -0.044 ms

Below is generated by plot.py at 2018-02-04 12:48:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 60.79 Mbit/s
95th percentile per-packet one-way delay: 66.264 ms
Loss rate: 23.11%
-- Flow 1:
Average throughput: 60.79 Mbit/s
95th percentile per-packet one-way delay: 66.264 ms
Loss rate: 23.11%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: 2018-02-04 09:12:56

End at: 2018-02-04 09:13:26

Local clock offset: 1.002 ms

Remote clock offset: 1.145 ms

Below is generated by plot.py at 2018-02-04 12:48:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 55.50 Mbit/s

95th percentile per-packet one-way delay: 66.313 ms

Loss rate: 24.32%

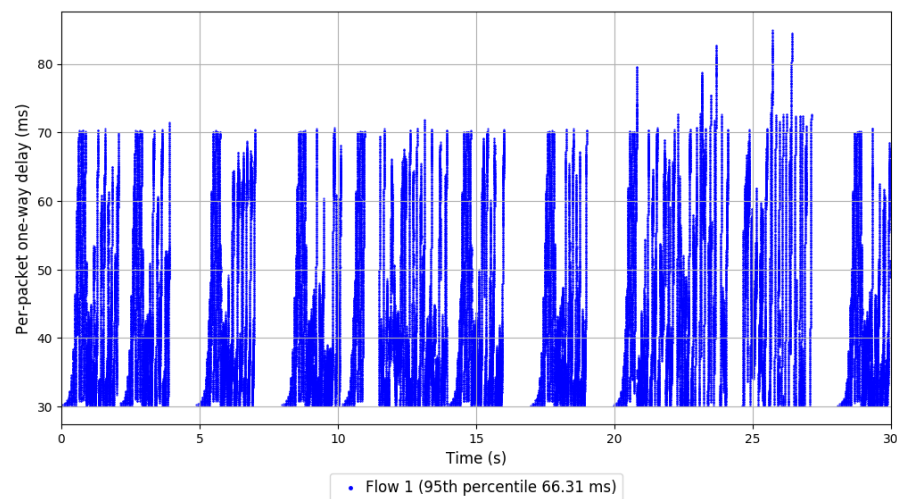
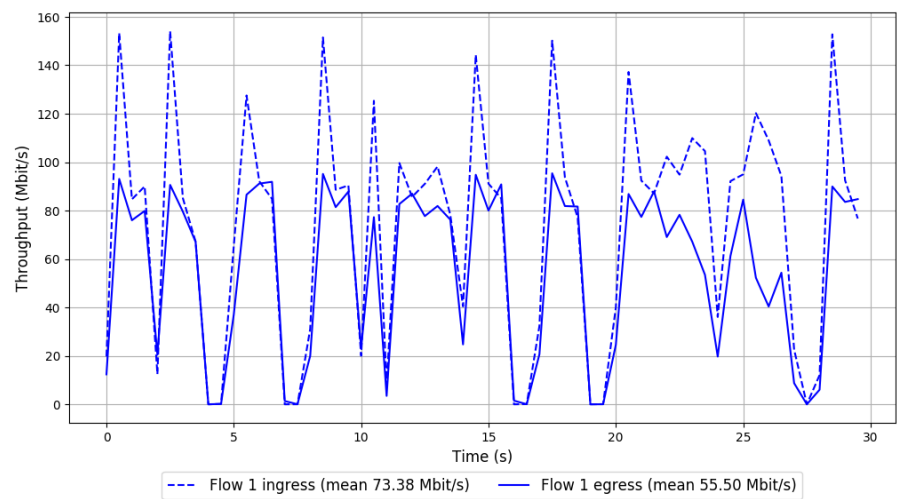
-- Flow 1:

Average throughput: 55.50 Mbit/s

95th percentile per-packet one-way delay: 66.313 ms

Loss rate: 24.32%

Run 3: Report of Verus — Data Link

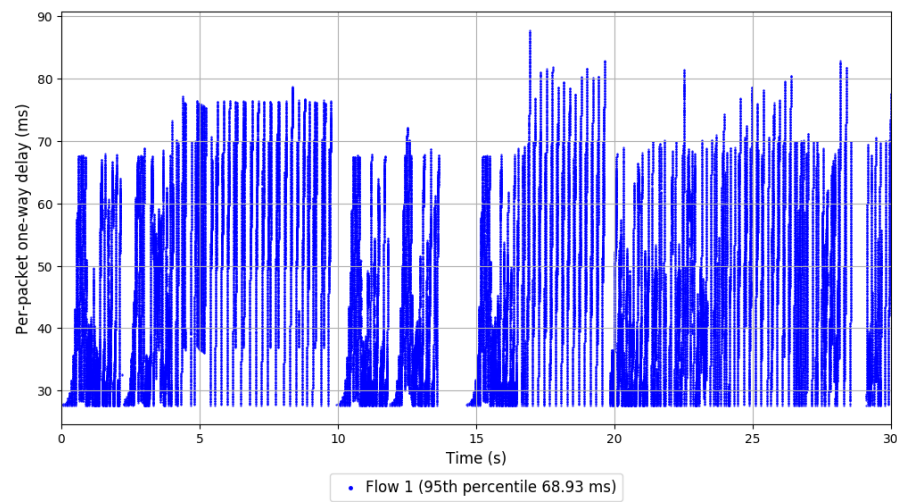
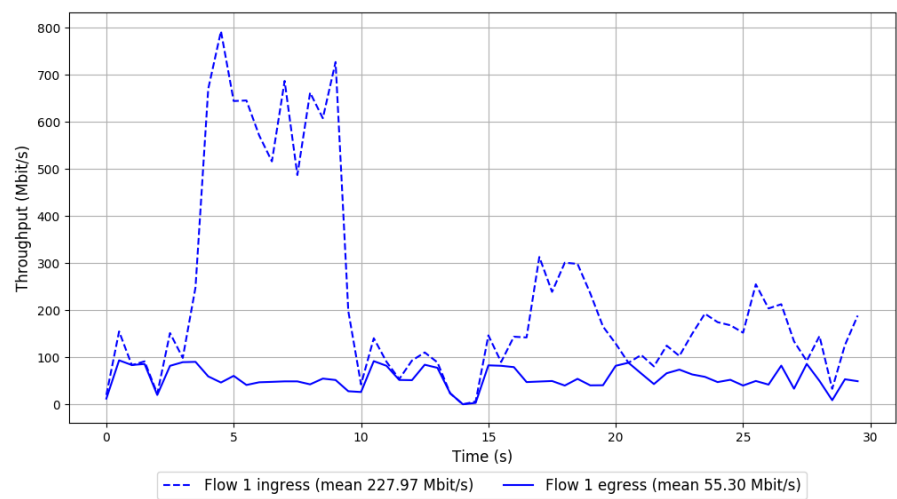


Run 4: Statistics of Verus

Start at: 2018-02-04 09:36:54
End at: 2018-02-04 09:37:24
Local clock offset: 0.689 ms
Remote clock offset: -0.451 ms

Below is generated by plot.py at 2018-02-04 12:49:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 55.30 Mbit/s
95th percentile per-packet one-way delay: 68.931 ms
Loss rate: 75.71%
-- Flow 1:
Average throughput: 55.30 Mbit/s
95th percentile per-packet one-way delay: 68.931 ms
Loss rate: 75.71%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: 2018-02-04 10:00:54

End at: 2018-02-04 10:01:24

Local clock offset: 0.666 ms

Remote clock offset: 0.105 ms

Below is generated by plot.py at 2018-02-04 12:49:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 61.74 Mbit/s

95th percentile per-packet one-way delay: 64.311 ms

Loss rate: 33.39%

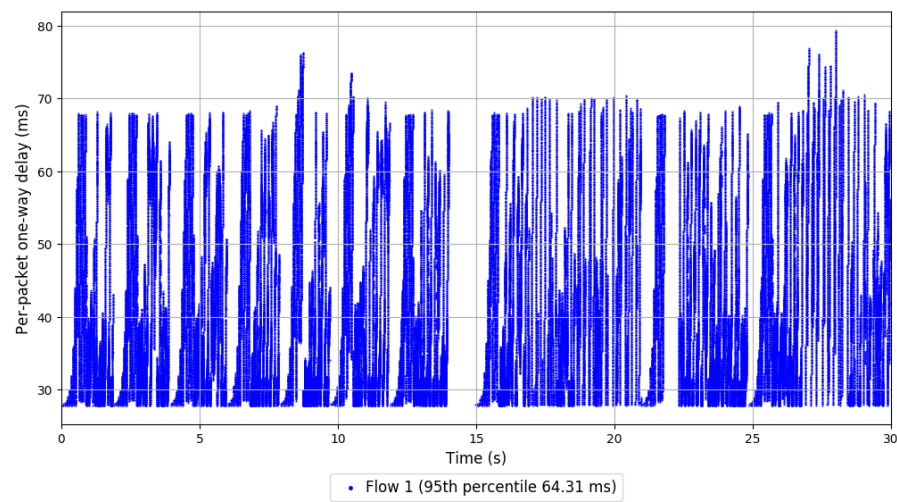
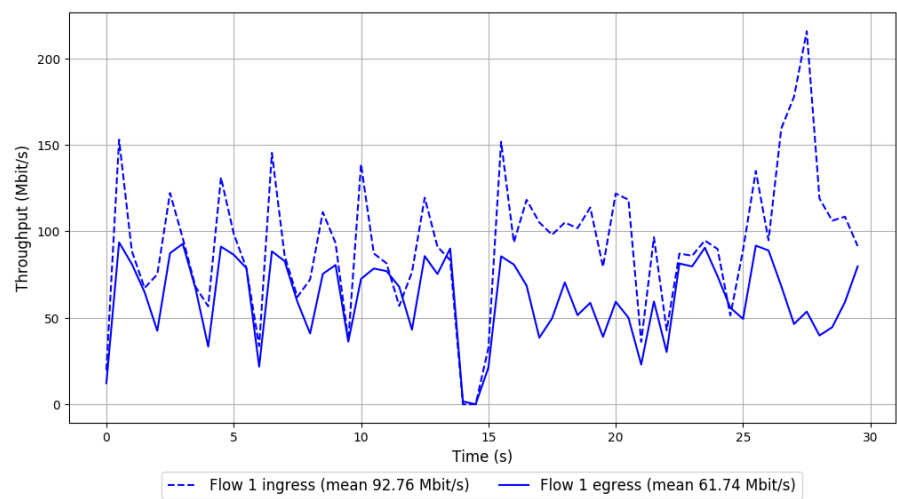
-- Flow 1:

Average throughput: 61.74 Mbit/s

95th percentile per-packet one-way delay: 64.311 ms

Loss rate: 33.39%

Run 5: Report of Verus — Data Link

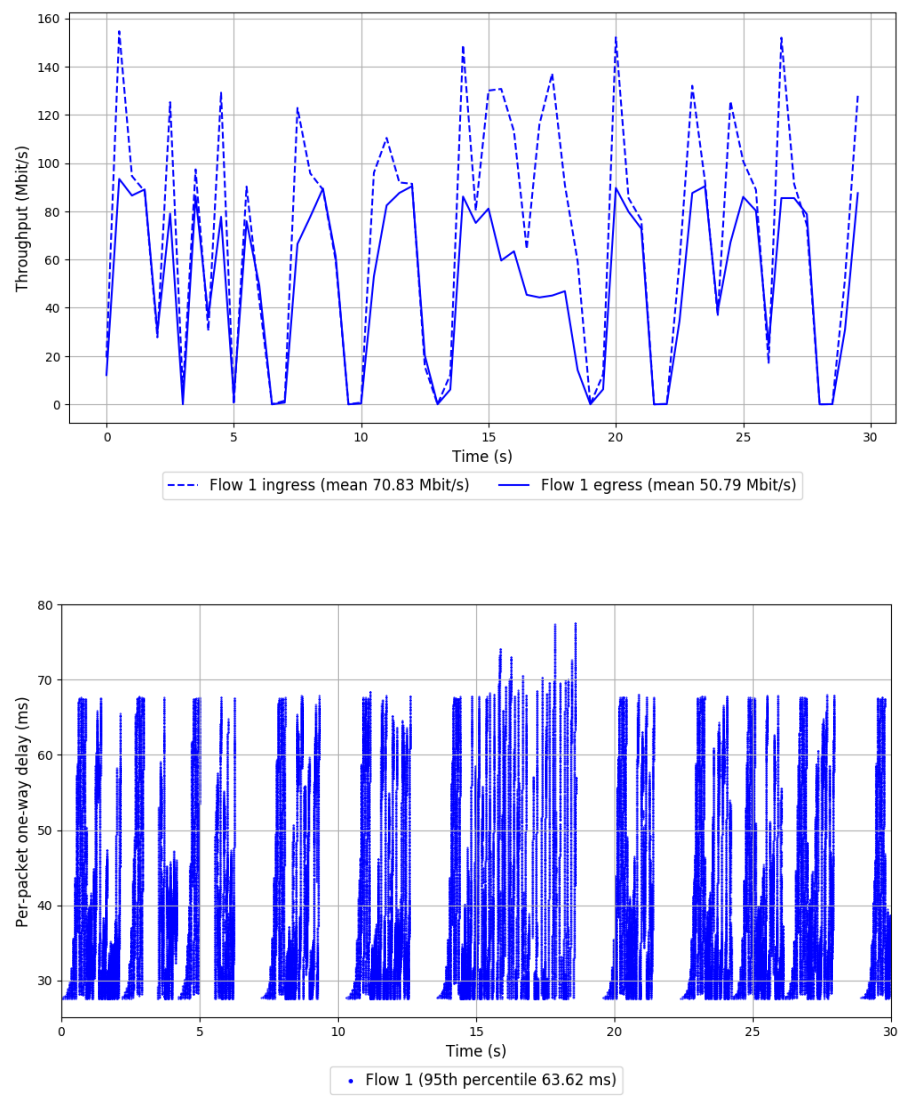


Run 6: Statistics of Verus

Start at: 2018-02-04 10:24:47
End at: 2018-02-04 10:25:17
Local clock offset: 0.796 ms
Remote clock offset: -0.598 ms

Below is generated by plot.py at 2018-02-04 12:49:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.79 Mbit/s
95th percentile per-packet one-way delay: 63.620 ms
Loss rate: 28.27%
-- Flow 1:
Average throughput: 50.79 Mbit/s
95th percentile per-packet one-way delay: 63.620 ms
Loss rate: 28.27%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: 2018-02-04 10:48:45

End at: 2018-02-04 10:49:15

Local clock offset: 0.888 ms

Remote clock offset: 1.352 ms

Below is generated by plot.py at 2018-02-04 12:49:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 58.83 Mbit/s

95th percentile per-packet one-way delay: 66.954 ms

Loss rate: 41.76%

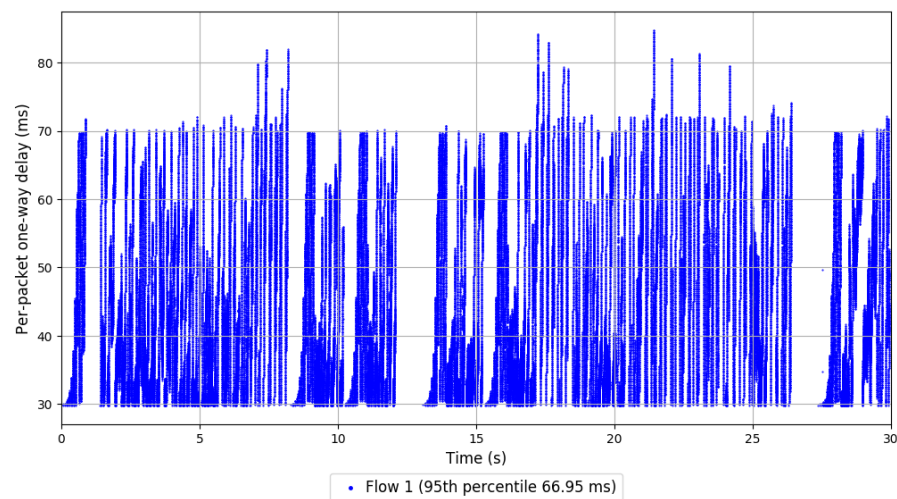
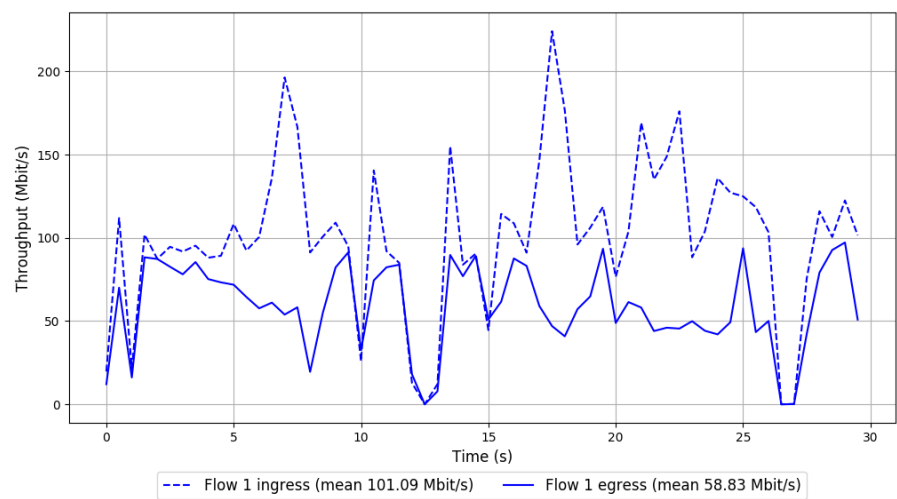
-- Flow 1:

Average throughput: 58.83 Mbit/s

95th percentile per-packet one-way delay: 66.954 ms

Loss rate: 41.76%

Run 7: Report of Verus — Data Link



Run 8: Statistics of Verus

Start at: 2018-02-04 11:12:44

End at: 2018-02-04 11:13:14

Local clock offset: 1.054 ms

Remote clock offset: 1.158 ms

Below is generated by plot.py at 2018-02-04 12:49:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 57.96 Mbit/s

95th percentile per-packet one-way delay: 66.320 ms

Loss rate: 35.20%

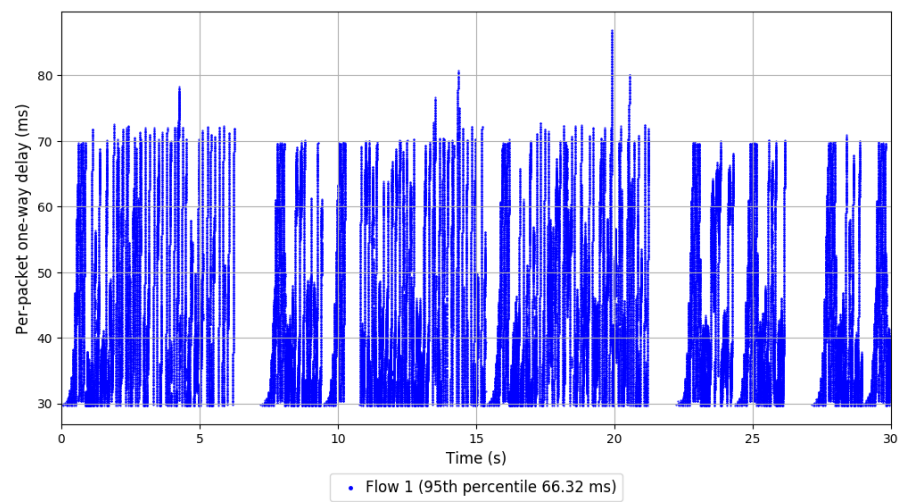
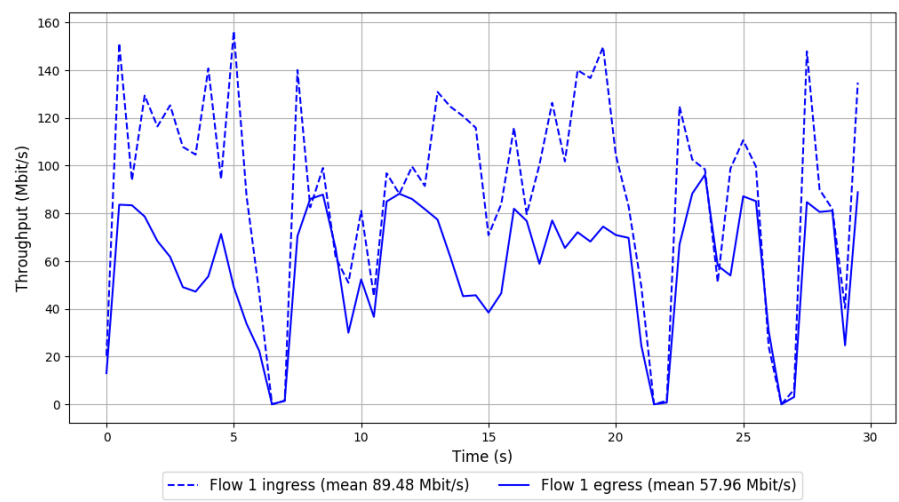
-- Flow 1:

Average throughput: 57.96 Mbit/s

95th percentile per-packet one-way delay: 66.320 ms

Loss rate: 35.20%

Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

Start at: 2018-02-04 11:36:41

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

Local clock offset: 1.019 ms

Remote clock offset: 1.171 ms

Below is generated by plot.py at 2018-02-04 12:49:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 54.36 Mbit/s

95th percentile per-packet one-way delay: 66.413 ms

Loss rate: 36.84%

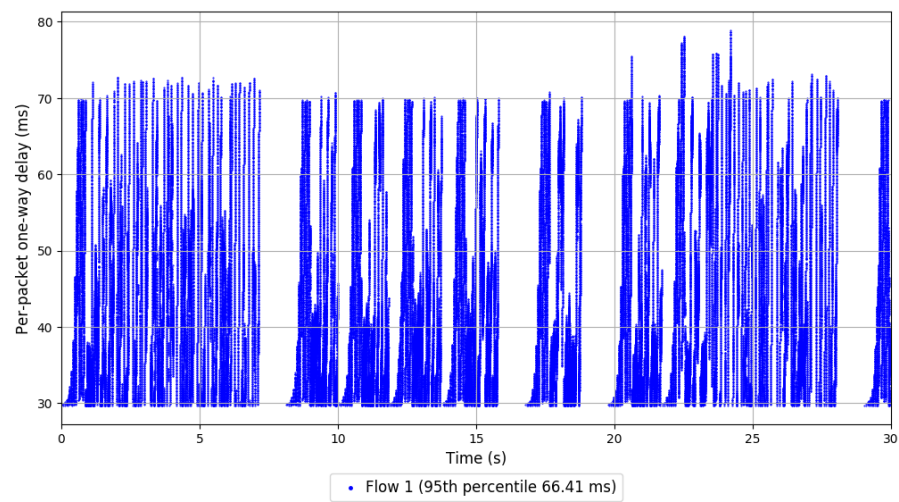
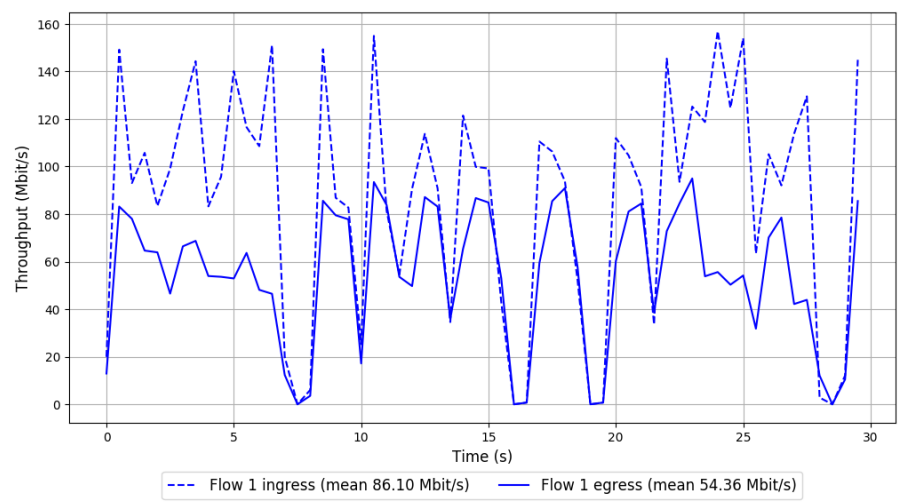
-- Flow 1:

Average throughput: 54.36 Mbit/s

95th percentile per-packet one-way delay: 66.413 ms

Loss rate: 36.84%

Run 9: Report of Verus — Data Link

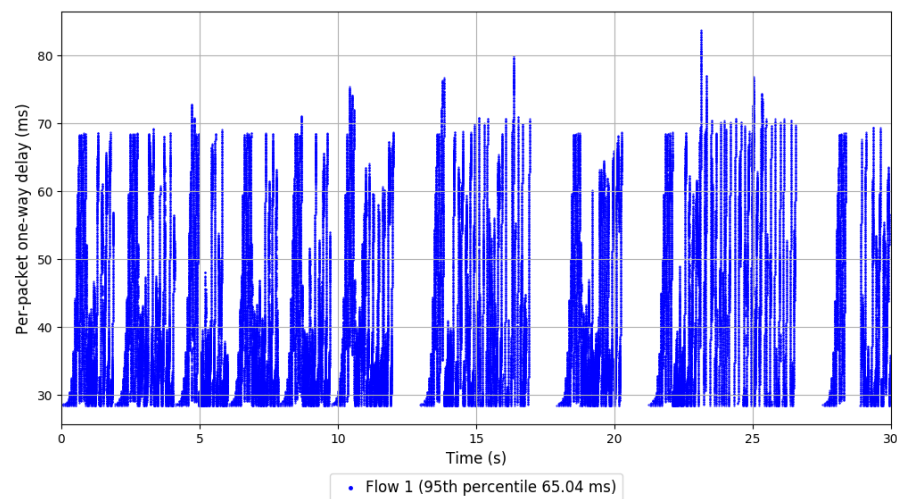
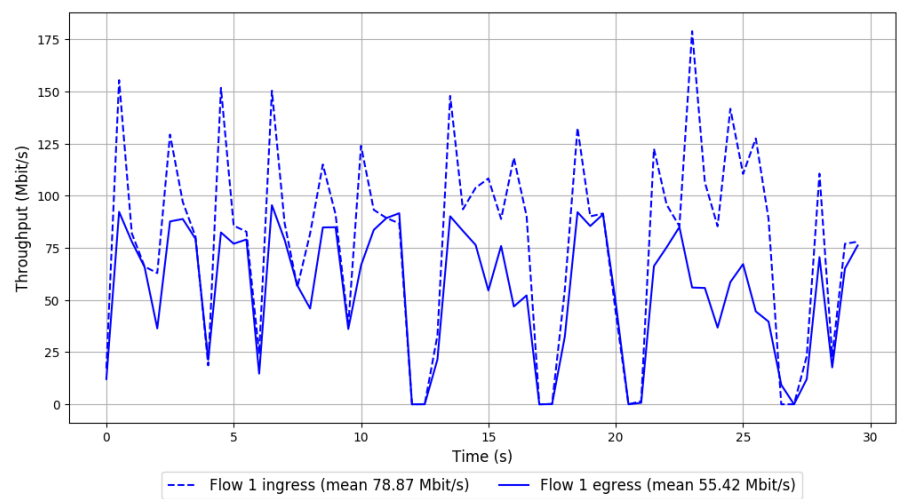


Run 10: Statistics of Verus

Start at: 2018-02-04 12:00:44
End at: 2018-02-04 12:01:14
Local clock offset: 1.17 ms
Remote clock offset: -0.399 ms

Below is generated by plot.py at 2018-02-04 12:49:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 55.42 Mbit/s
95th percentile per-packet one-way delay: 65.038 ms
Loss rate: 29.72%
-- Flow 1:
Average throughput: 55.42 Mbit/s
95th percentile per-packet one-way delay: 65.038 ms
Loss rate: 29.72%

Run 10: Report of Verus — Data Link



Run 1: Statistics of Copa

Start at: 2018-02-04 08:26:09

End at: 2018-02-04 08:26:39

Local clock offset: 1.097 ms

Remote clock offset: -1.95 ms

Below is generated by plot.py at 2018-02-04 12:49:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 41.89 Mbit/s

95th percentile per-packet one-way delay: 28.737 ms

Loss rate: 0.01%

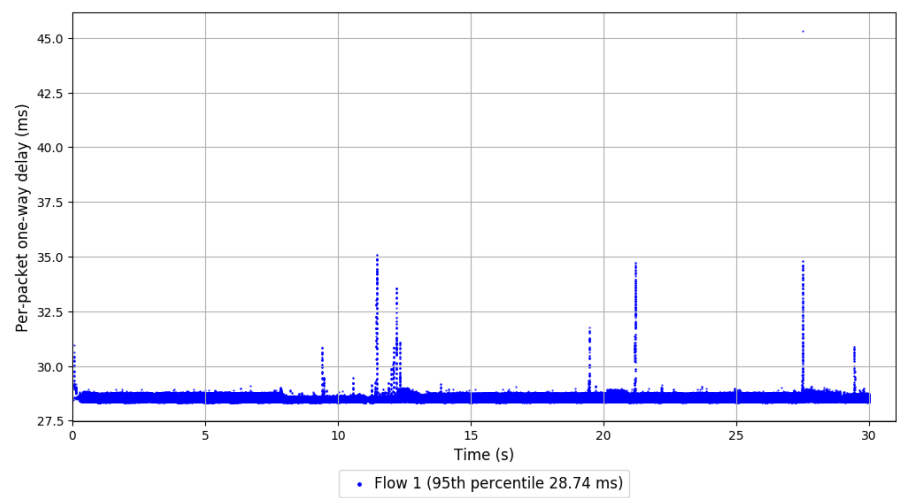
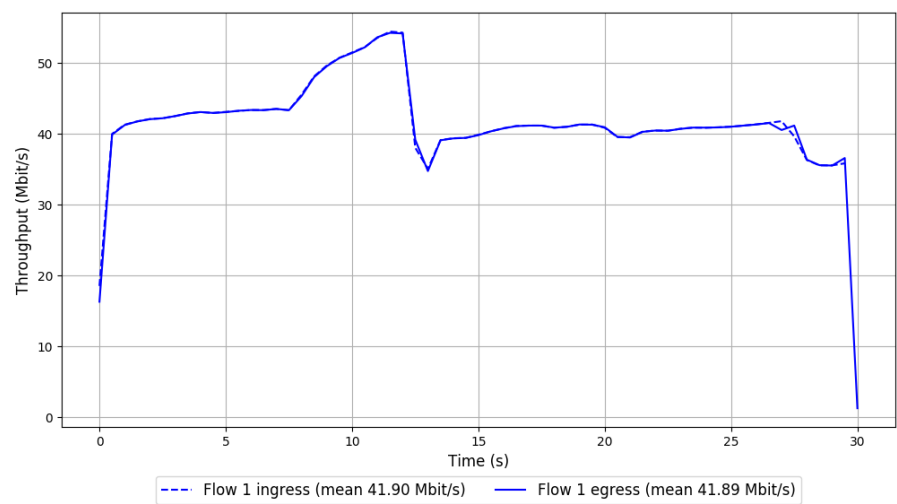
-- Flow 1:

Average throughput: 41.89 Mbit/s

95th percentile per-packet one-way delay: 28.737 ms

Loss rate: 0.01%

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: 2018-02-04 08:50:16

End at: 2018-02-04 08:50:46

Local clock offset: 0.949 ms

Remote clock offset: 0.446 ms

Below is generated by plot.py at 2018-02-04 12:50:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 60.91 Mbit/s

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

Loss rate: 0.05%

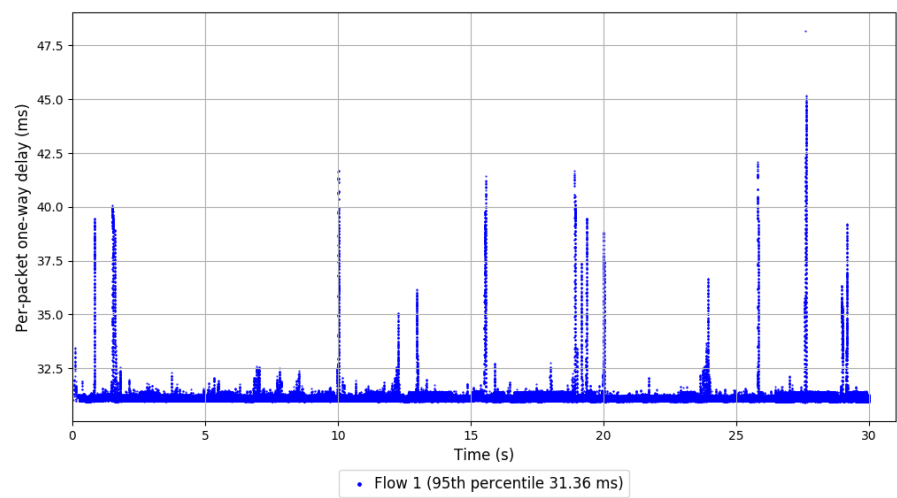
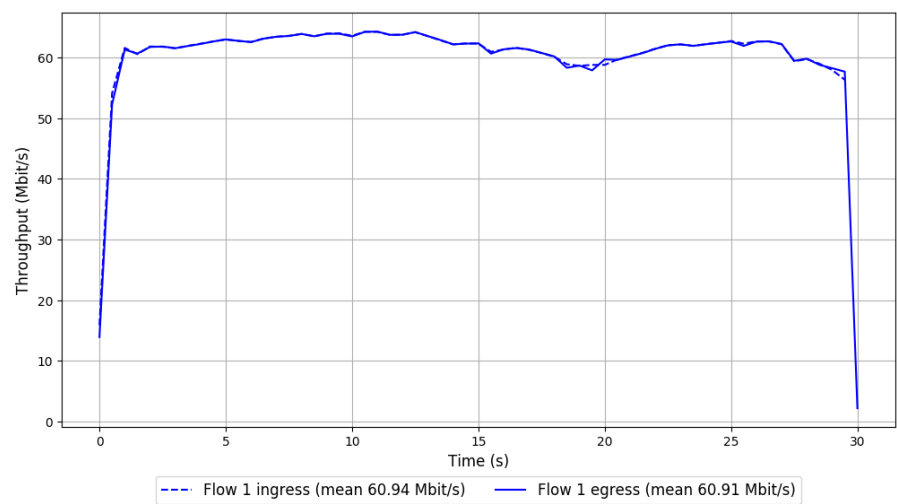
-- Flow 1:

Average throughput: 60.91 Mbit/s

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

Loss rate: 0.05%

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

Start at: 2018-02-04 09:14:16

End at: 2018-02-04 09:14:46

Local clock offset: 0.899 ms

Remote clock offset: 0.807 ms

Below is generated by plot.py at 2018-02-04 12:50:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 52.22 Mbit/s

95th percentile per-packet one-way delay: 30.149 ms

Loss rate: 0.01%

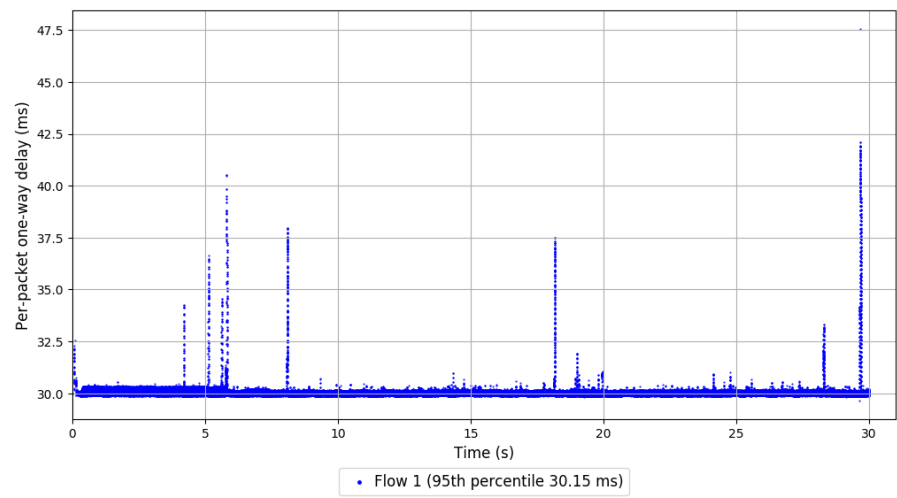
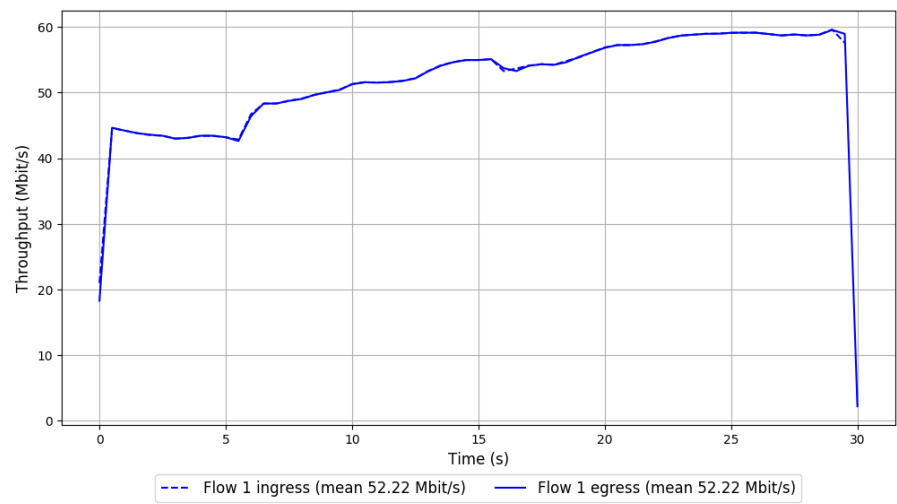
-- Flow 1:

Average throughput: 52.22 Mbit/s

95th percentile per-packet one-way delay: 30.149 ms

Loss rate: 0.01%

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: 2018-02-04 09:38:16

End at: 2018-02-04 09:38:46

Local clock offset: 0.772 ms

Remote clock offset: 1.718 ms

Below is generated by plot.py at 2018-02-04 12:50:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 56.01 Mbit/s

95th percentile per-packet one-way delay: 30.728 ms

Loss rate: 0.05%

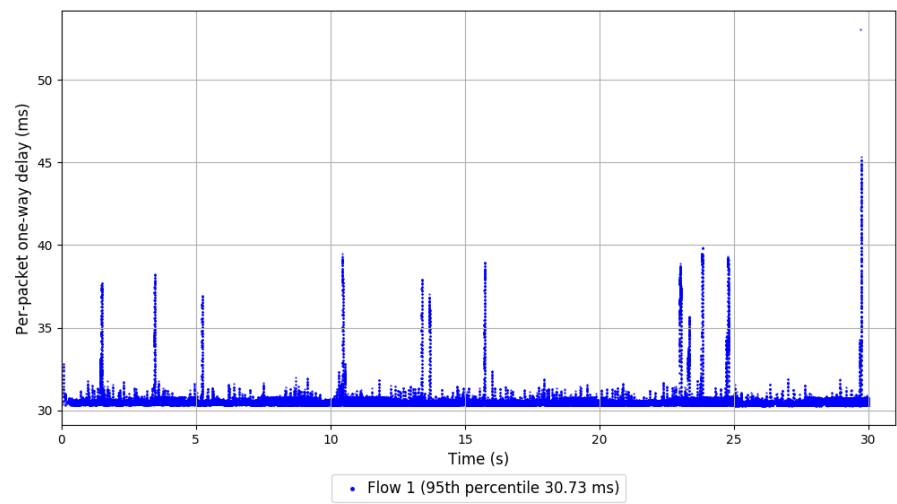
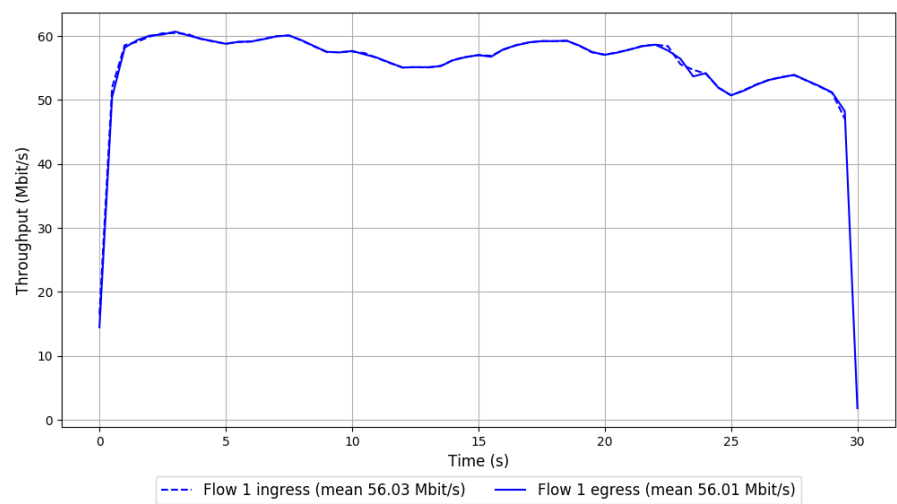
-- Flow 1:

Average throughput: 56.01 Mbit/s

95th percentile per-packet one-way delay: 30.728 ms

Loss rate: 0.05%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

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

End at: 2018-02-04 10:02:44

Local clock offset: 0.773 ms

Remote clock offset: 0.071 ms

Below is generated by plot.py at 2018-02-04 12:50:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 58.27 Mbit/s

95th percentile per-packet one-way delay: 28.722 ms

Loss rate: 0.00%

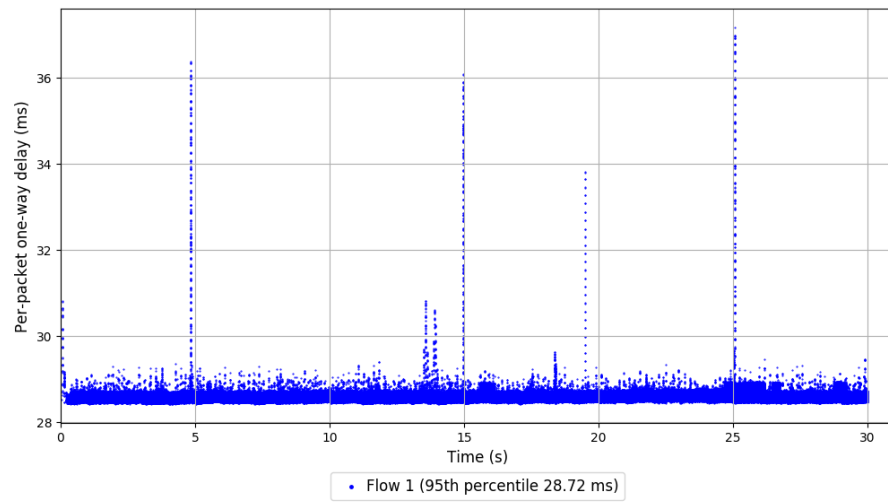
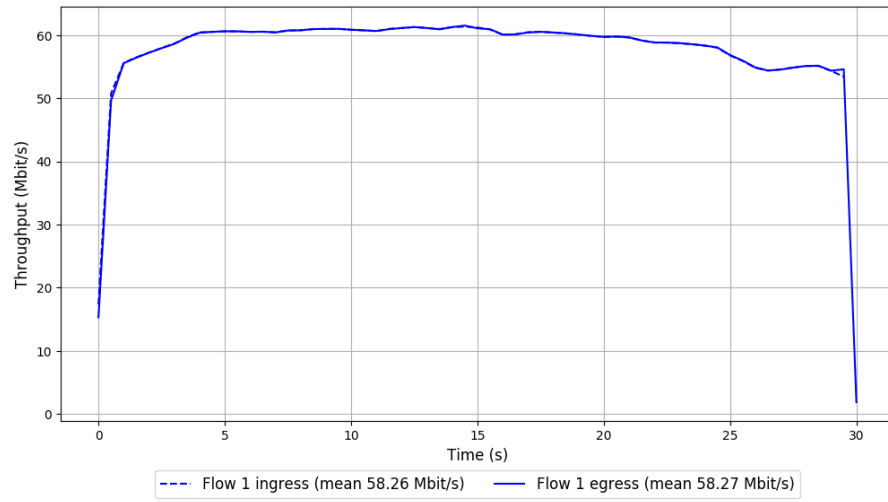
-- Flow 1:

Average throughput: 58.27 Mbit/s

95th percentile per-packet one-way delay: 28.722 ms

Loss rate: 0.00%

Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: 2018-02-04 10:26:06

End at: 2018-02-04 10:26:36

Local clock offset: 0.747 ms

Remote clock offset: 1.58 ms

Below is generated by plot.py at 2018-02-04 12:50:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 51.79 Mbit/s

95th percentile per-packet one-way delay: 30.908 ms

Loss rate: 0.01%

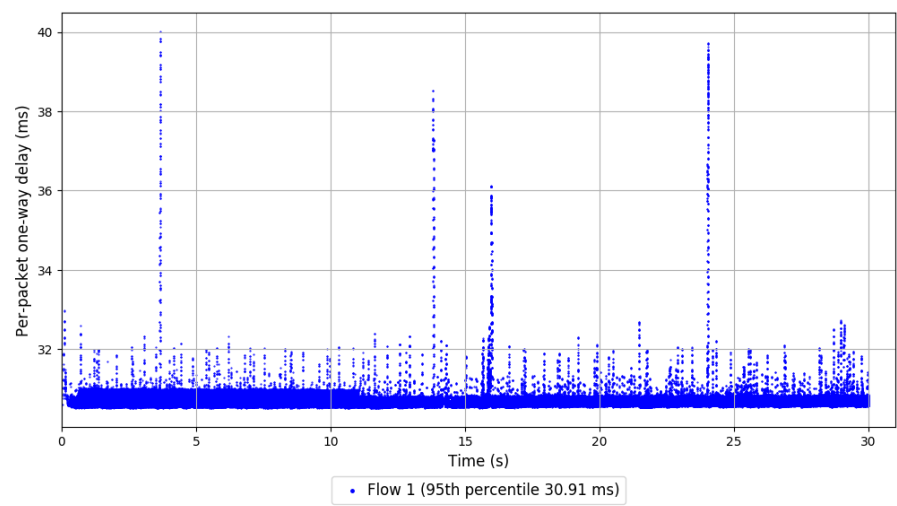
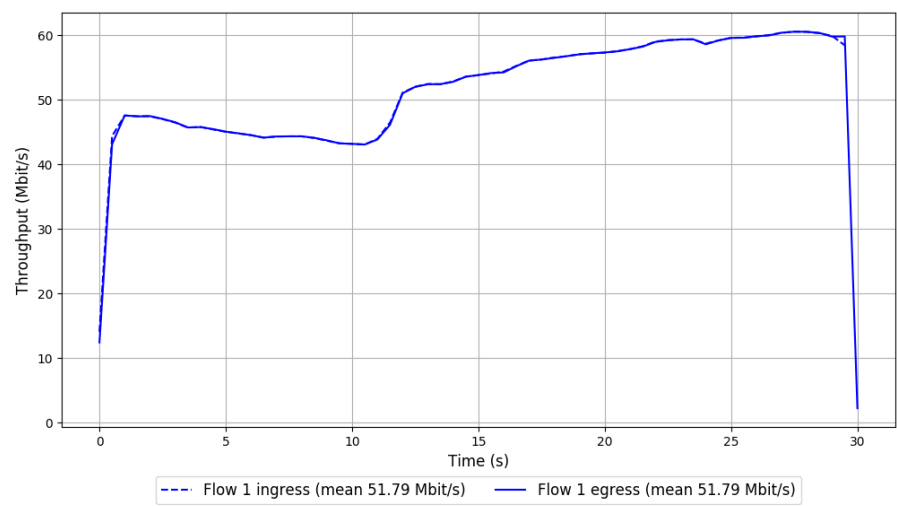
-- Flow 1:

Average throughput: 51.79 Mbit/s

95th percentile per-packet one-way delay: 30.908 ms

Loss rate: 0.01%

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

Start at: 2018-02-04 10:50:05

End at: 2018-02-04 10:50:35

Local clock offset: 0.996 ms

Remote clock offset: 1.423 ms

Below is generated by plot.py at 2018-02-04 12:50:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 48.25 Mbit/s

95th percentile per-packet one-way delay: 30.055 ms

Loss rate: 0.06%

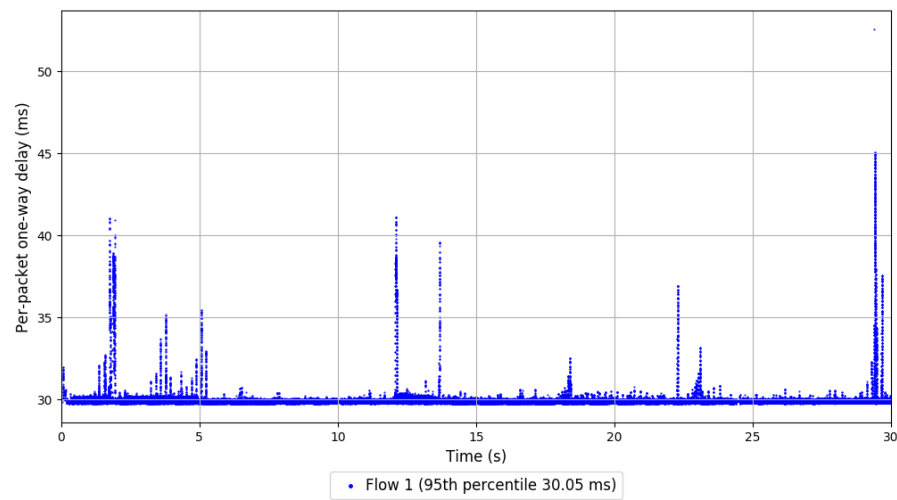
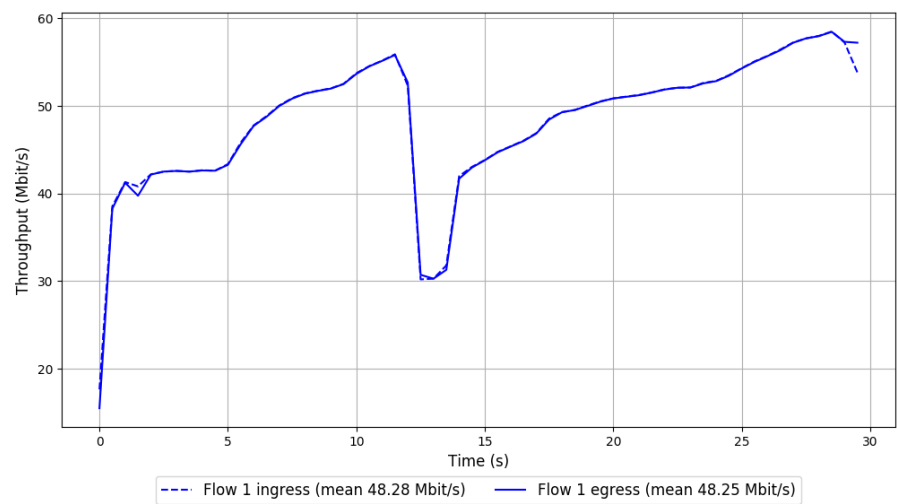
-- Flow 1:

Average throughput: 48.25 Mbit/s

95th percentile per-packet one-way delay: 30.055 ms

Loss rate: 0.06%

Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

Start at: 2018-02-04 11:14:03

End at: 2018-02-04 11:14:33

Local clock offset: 1.038 ms

Remote clock offset: 1.243 ms

Below is generated by plot.py at 2018-02-04 12:51:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 54.53 Mbit/s

95th percentile per-packet one-way delay: 30.855 ms

Loss rate: 0.04%

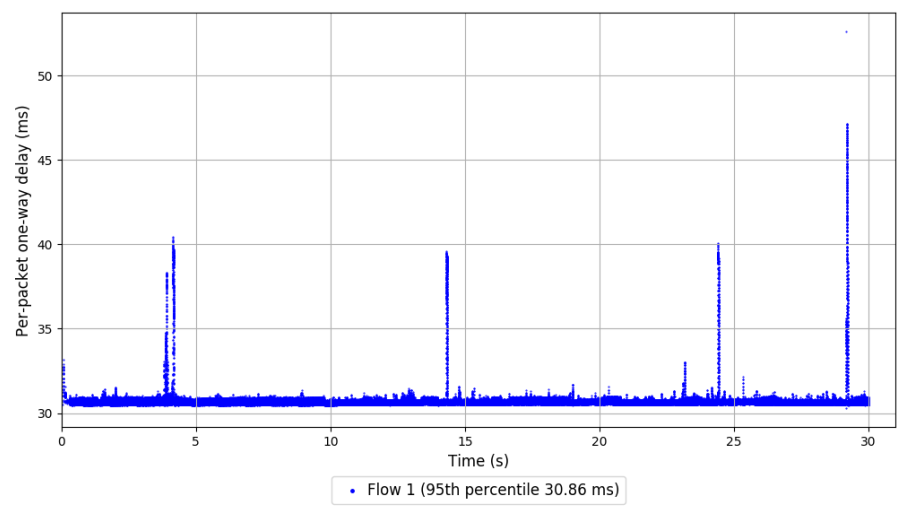
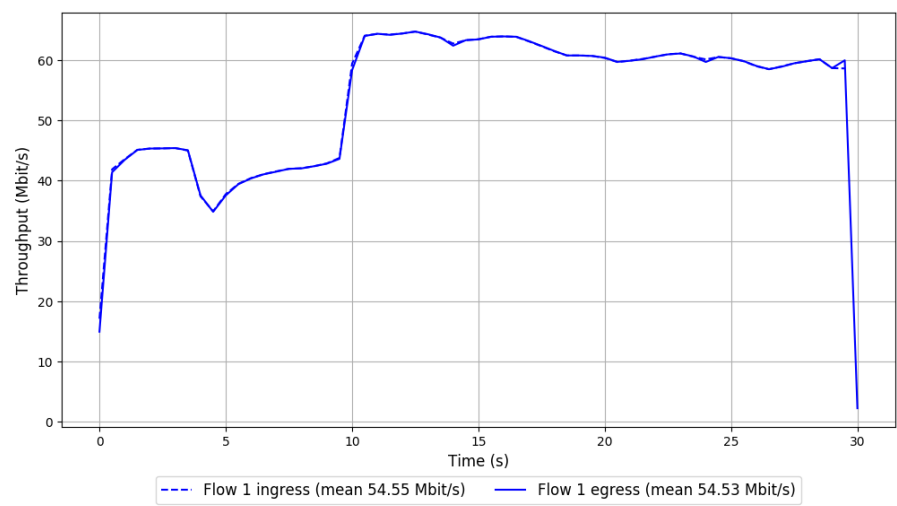
-- Flow 1:

Average throughput: 54.53 Mbit/s

95th percentile per-packet one-way delay: 30.855 ms

Loss rate: 0.04%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: 2018-02-04 11:38:01

End at: 2018-02-04 11:38:31

Local clock offset: 1.043 ms

Remote clock offset: 1.275 ms

Below is generated by plot.py at 2018-02-04 12:51:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 47.46 Mbit/s

95th percentile per-packet one-way delay: 30.190 ms

Loss rate: 0.01%

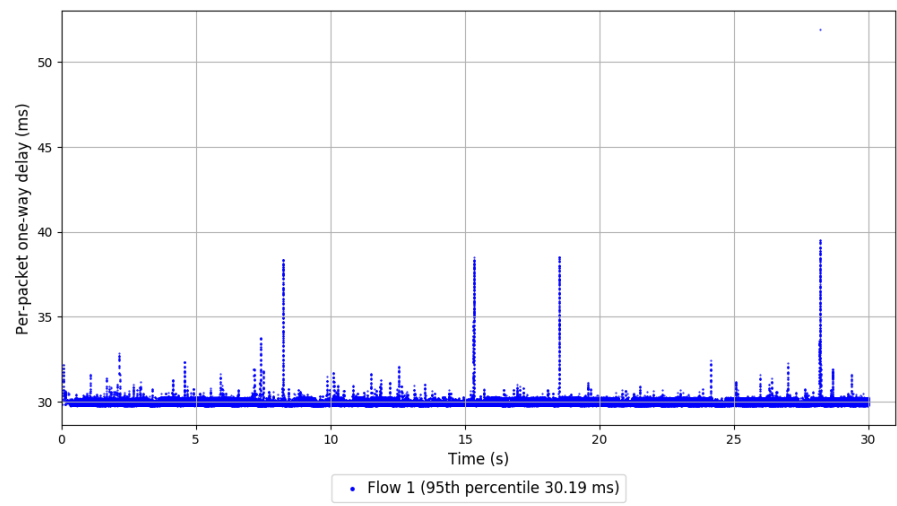
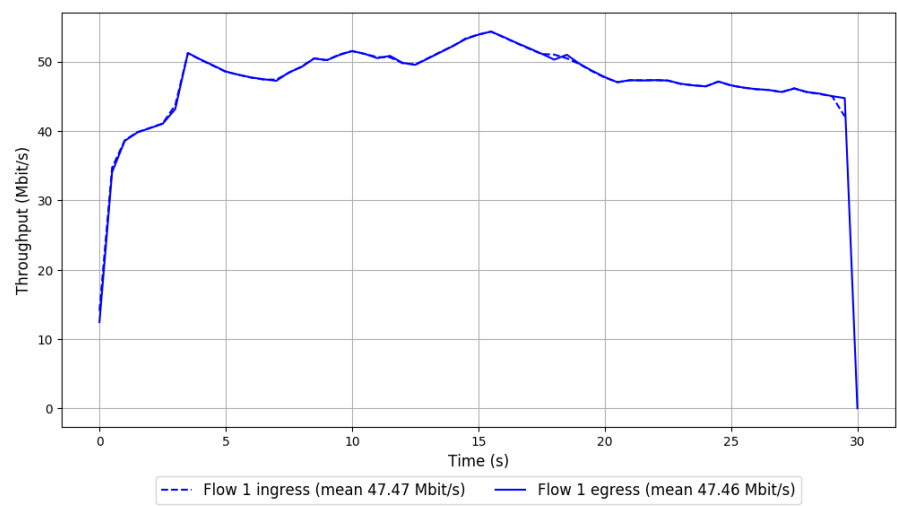
-- Flow 1:

Average throughput: 47.46 Mbit/s

95th percentile per-packet one-way delay: 30.190 ms

Loss rate: 0.01%

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: 2018-02-04 12:02:03

End at: 2018-02-04 12:02:33

Local clock offset: 1.086 ms

Remote clock offset: 1.711 ms

Below is generated by plot.py at 2018-02-04 12:51:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 47.32 Mbit/s

95th percentile per-packet one-way delay: 31.034 ms

Loss rate: 0.02%

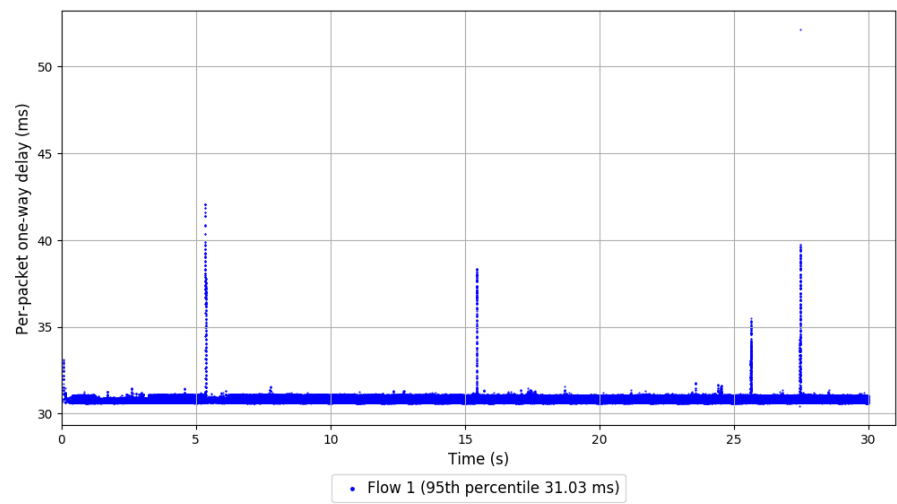
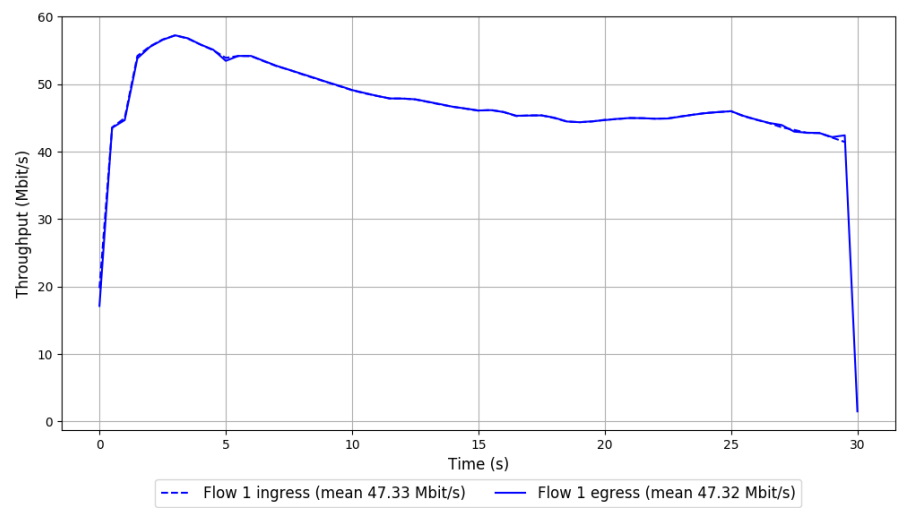
-- Flow 1:

Average throughput: 47.32 Mbit/s

95th percentile per-packet one-way delay: 31.034 ms

Loss rate: 0.02%

Run 10: Report of Copa — Data Link



Run 1: Statistics of FillP

Start at: 2018-02-04 08:16:30

End at: 2018-02-04 08:17:00

Local clock offset: 1.002 ms

Remote clock offset: 0.467 ms

Below is generated by plot.py at 2018-02-04 12:52:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.02 Mbit/s

95th percentile per-packet one-way delay: 42.263 ms

Loss rate: 2.40%

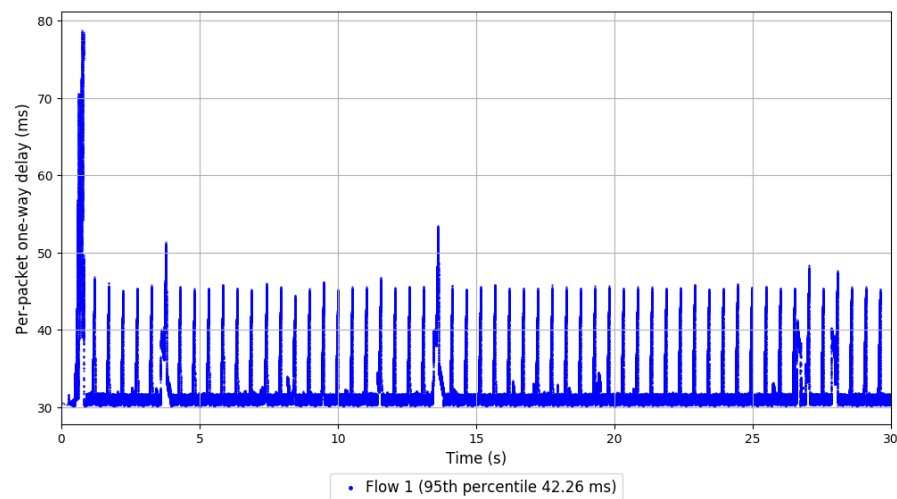
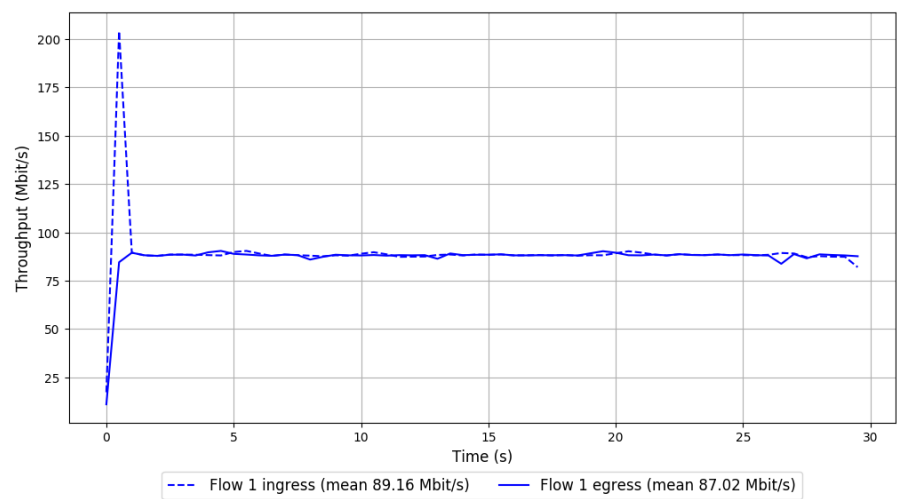
-- Flow 1:

Average throughput: 87.02 Mbit/s

95th percentile per-packet one-way delay: 42.263 ms

Loss rate: 2.40%

Run 1: Report of FillP — Data Link



Run 2: Statistics of FillP

Start at: 2018-02-04 08:40:51

End at: 2018-02-04 08:41:21

Local clock offset: 1.058 ms

Remote clock offset: 0.293 ms

Below is generated by plot.py at 2018-02-04 12:53:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.10 Mbit/s

95th percentile per-packet one-way delay: 42.338 ms

Loss rate: 2.19%

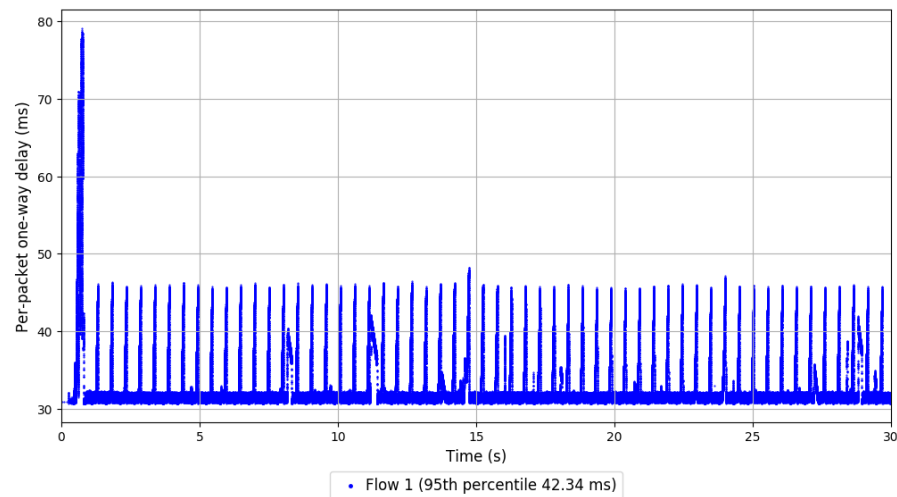
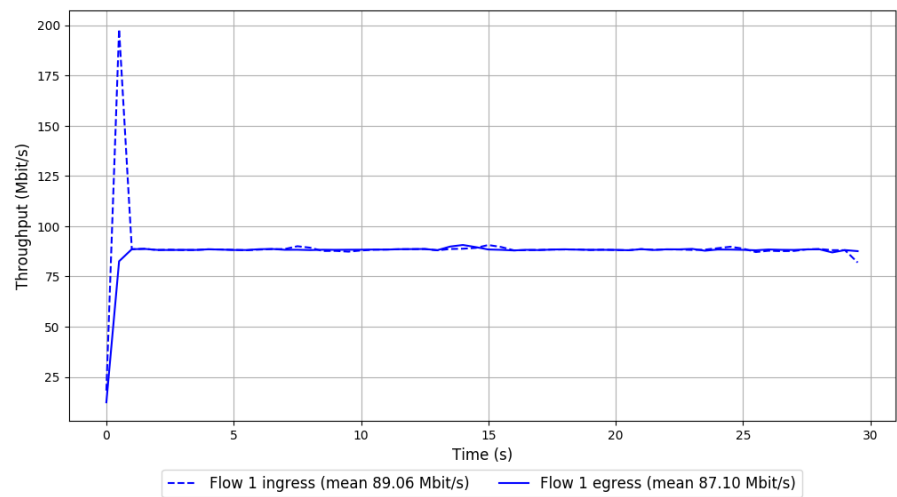
-- Flow 1:

Average throughput: 87.10 Mbit/s

95th percentile per-packet one-way delay: 42.338 ms

Loss rate: 2.19%

Run 2: Report of FillP — Data Link



Run 3: Statistics of FillP

Start at: 2018-02-04 09:04:52

End at: 2018-02-04 09:05:22

Local clock offset: 0.997 ms

Remote clock offset: -1.83 ms

Below is generated by plot.py at 2018-02-04 12:53:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.83 Mbit/s

95th percentile per-packet one-way delay: 40.082 ms

Loss rate: 2.23%

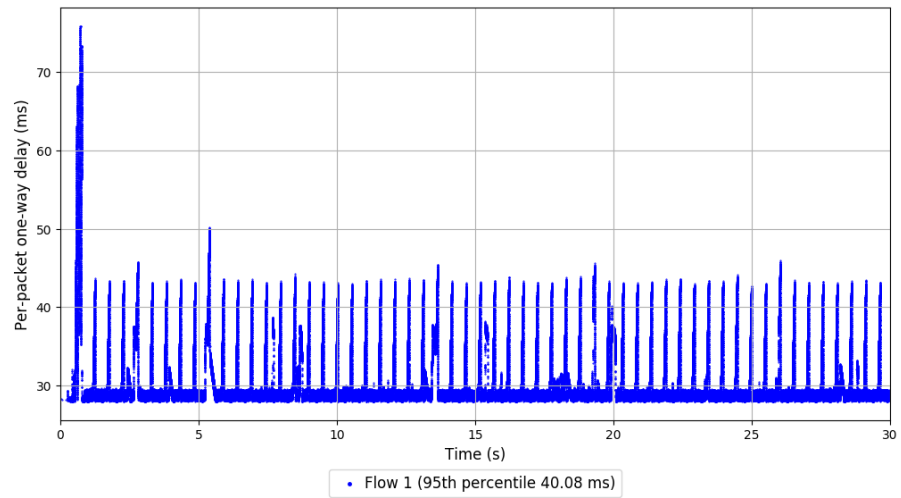
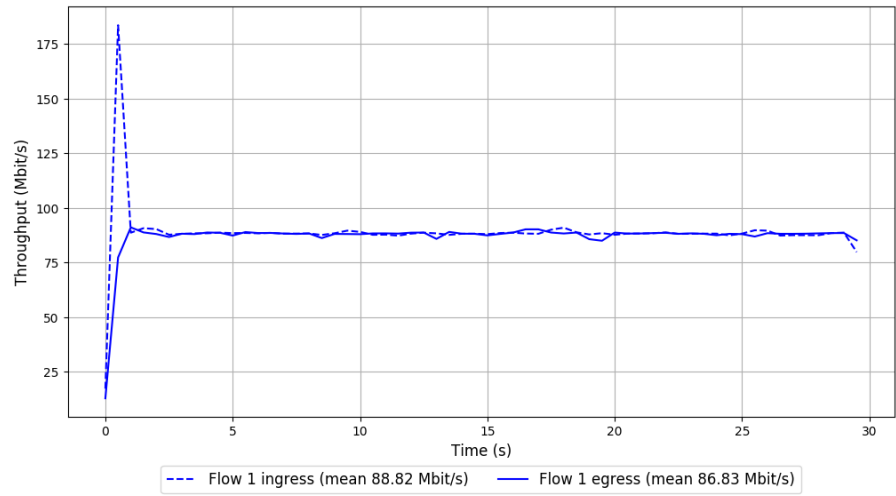
-- Flow 1:

Average throughput: 86.83 Mbit/s

95th percentile per-packet one-way delay: 40.082 ms

Loss rate: 2.23%

Run 3: Report of FillP — Data Link

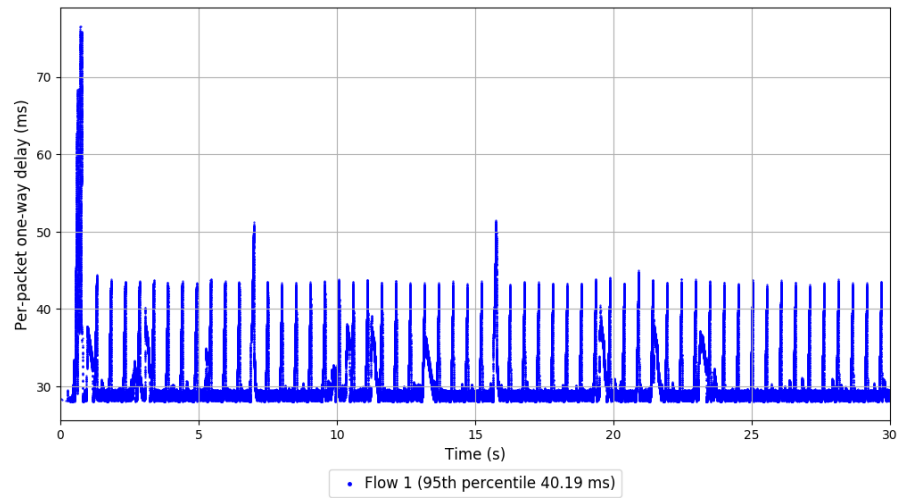
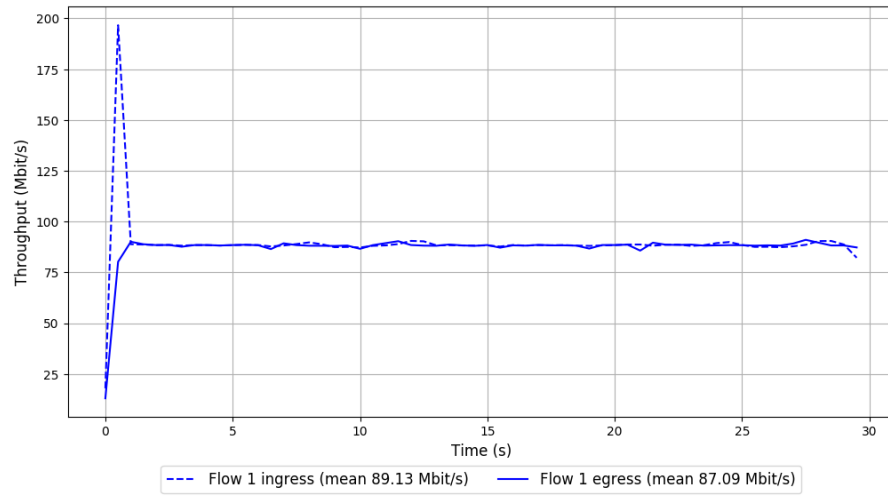


Run 4: Statistics of FillP

Start at: 2018-02-04 09:28:46
End at: 2018-02-04 09:29:16
Local clock offset: 0.912 ms
Remote clock offset: -0.715 ms

Below is generated by plot.py at 2018-02-04 12:53:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.09 Mbit/s
95th percentile per-packet one-way delay: 40.188 ms
Loss rate: 2.29%
-- Flow 1:
Average throughput: 87.09 Mbit/s
95th percentile per-packet one-way delay: 40.188 ms
Loss rate: 2.29%

Run 4: Report of FillP — Data Link



Run 5: Statistics of FillP

Start at: 2018-02-04 09:52:50

End at: 2018-02-04 09:53:20

Local clock offset: 0.702 ms

Remote clock offset: 2.744 ms

Below is generated by plot.py at 2018-02-04 12:53:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.04 Mbit/s

95th percentile per-packet one-way delay: 42.577 ms

Loss rate: 2.15%

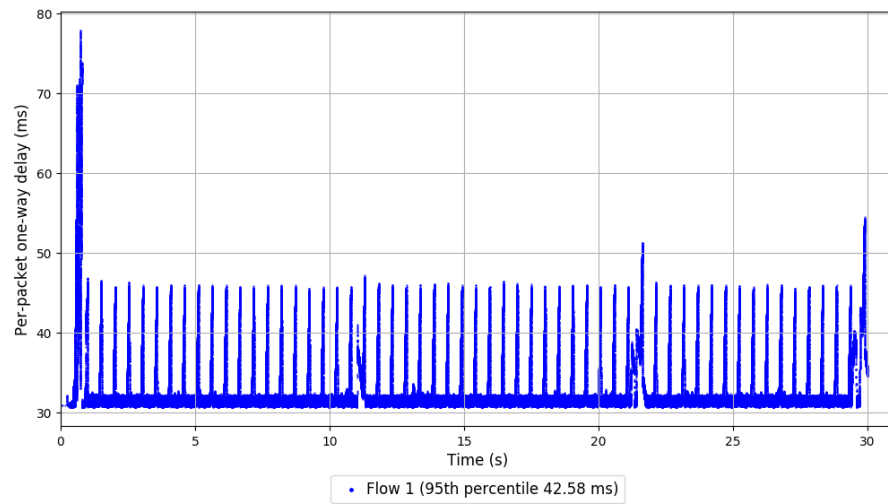
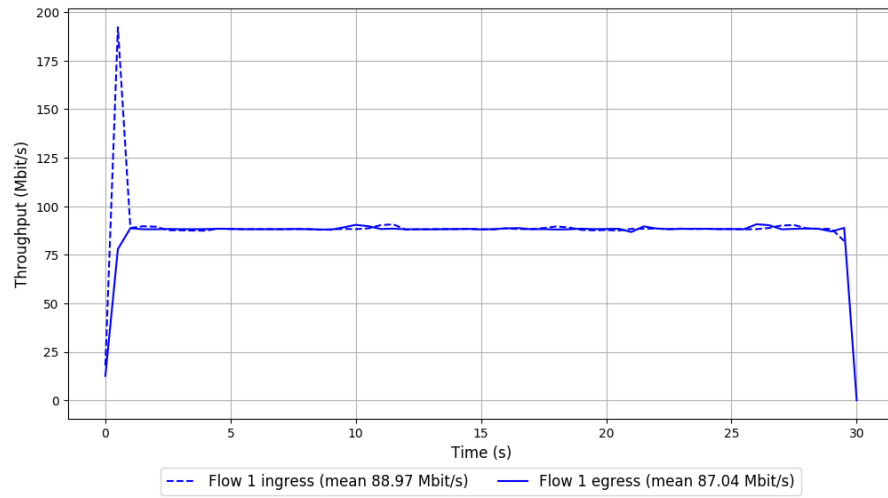
-- Flow 1:

Average throughput: 87.04 Mbit/s

95th percentile per-packet one-way delay: 42.577 ms

Loss rate: 2.15%

Run 5: Report of FillP — Data Link



Run 6: Statistics of FillP

Start at: 2018-02-04 10:16:43

End at: 2018-02-04 10:17:13

Local clock offset: 0.755 ms

Remote clock offset: 2.198 ms

Below is generated by plot.py at 2018-02-04 12:53:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.19 Mbit/s

95th percentile per-packet one-way delay: 42.538 ms

Loss rate: 2.13%

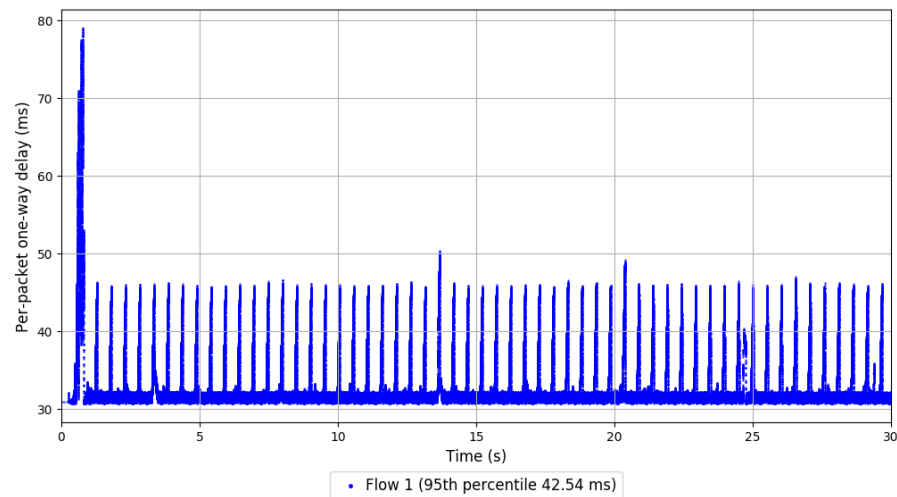
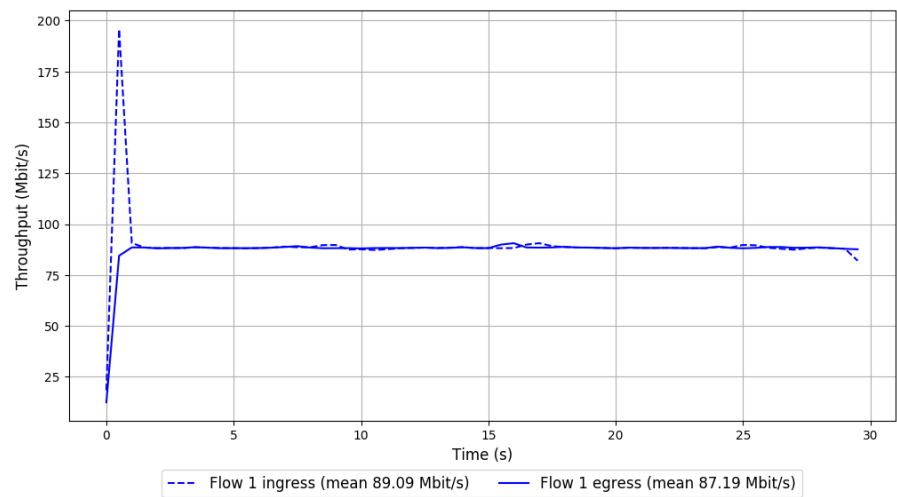
-- Flow 1:

Average throughput: 87.19 Mbit/s

95th percentile per-packet one-way delay: 42.538 ms

Loss rate: 2.13%

Run 6: Report of FillP — Data Link



Run 7: Statistics of FillP

Start at: 2018-02-04 10:40:38

End at: 2018-02-04 10:41:08

Local clock offset: 0.819 ms

Remote clock offset: 1.574 ms

Below is generated by plot.py at 2018-02-04 12:53:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.13 Mbit/s

95th percentile per-packet one-way delay: 41.370 ms

Loss rate: 2.18%

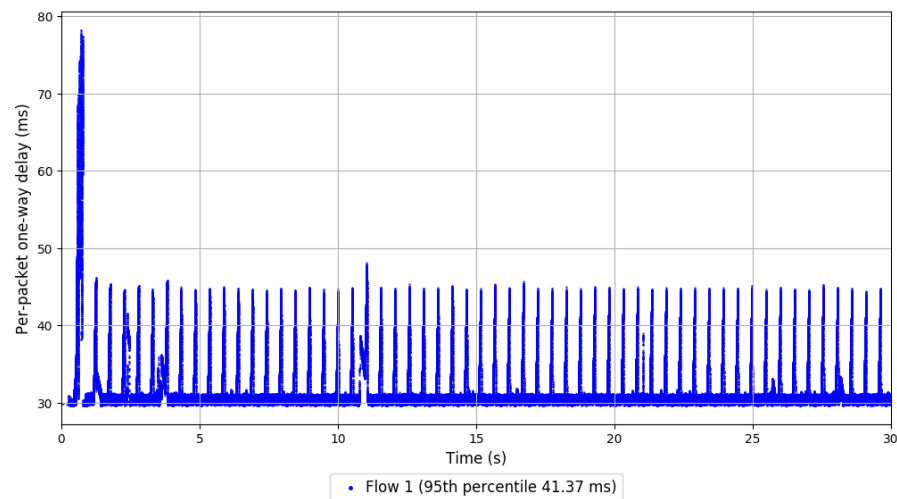
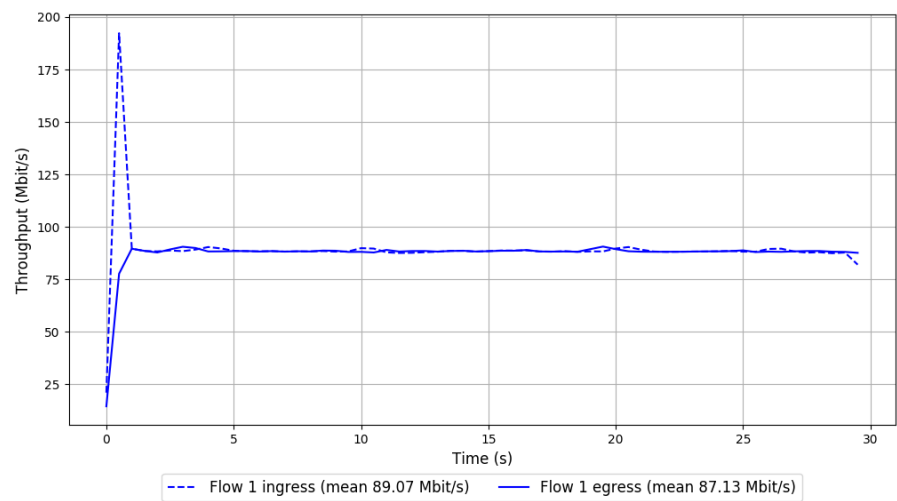
-- Flow 1:

Average throughput: 87.13 Mbit/s

95th percentile per-packet one-way delay: 41.370 ms

Loss rate: 2.18%

Run 7: Report of FillP — Data Link



Run 8: Statistics of FillP

Start at: 2018-02-04 11:04:38

End at: 2018-02-04 11:05:08

Local clock offset: 1.076 ms

Remote clock offset: 1.756 ms

Below is generated by plot.py at 2018-02-04 12:53:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.06 Mbit/s

95th percentile per-packet one-way delay: 42.707 ms

Loss rate: 2.20%

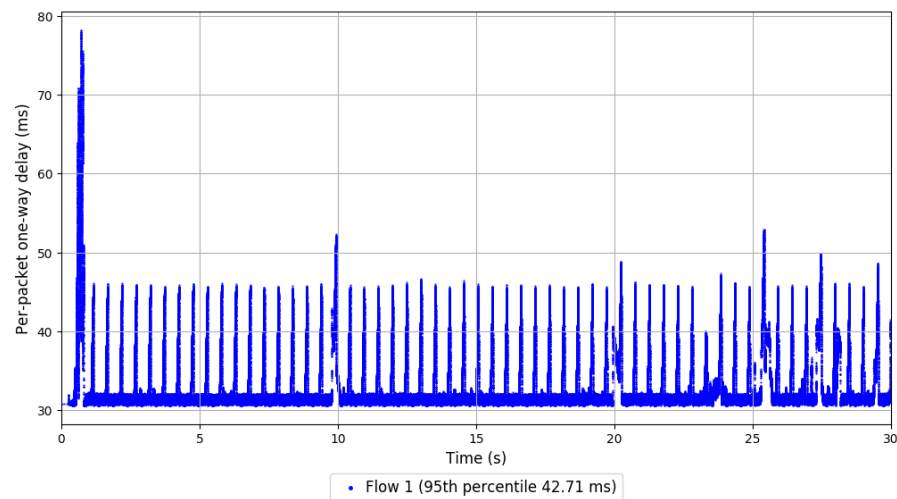
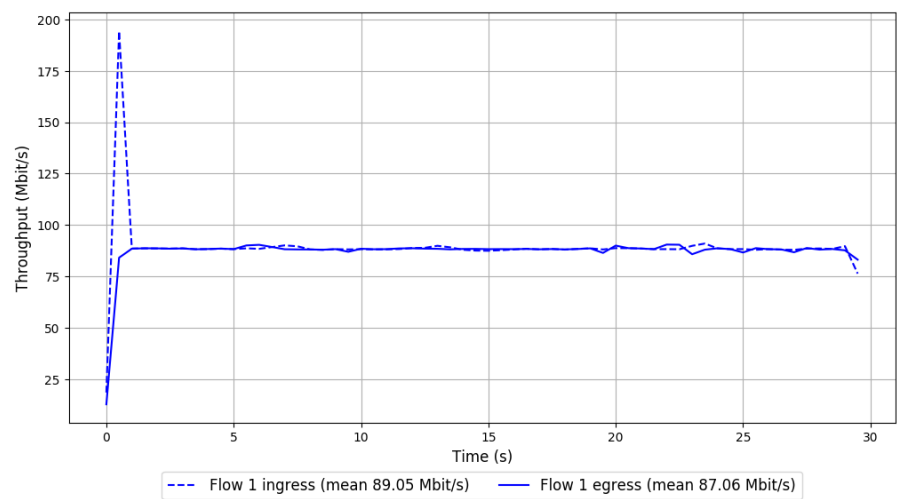
-- Flow 1:

Average throughput: 87.06 Mbit/s

95th percentile per-packet one-way delay: 42.707 ms

Loss rate: 2.20%

Run 8: Report of FillP — Data Link



Run 9: Statistics of FillP

Start at: 2018-02-04 11:28:35

End at: 2018-02-04 11:29:05

Local clock offset: 1.014 ms

Remote clock offset: 1.524 ms

Below is generated by plot.py at 2018-02-04 12:55:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.22 Mbit/s

95th percentile per-packet one-way delay: 42.590 ms

Loss rate: 2.11%

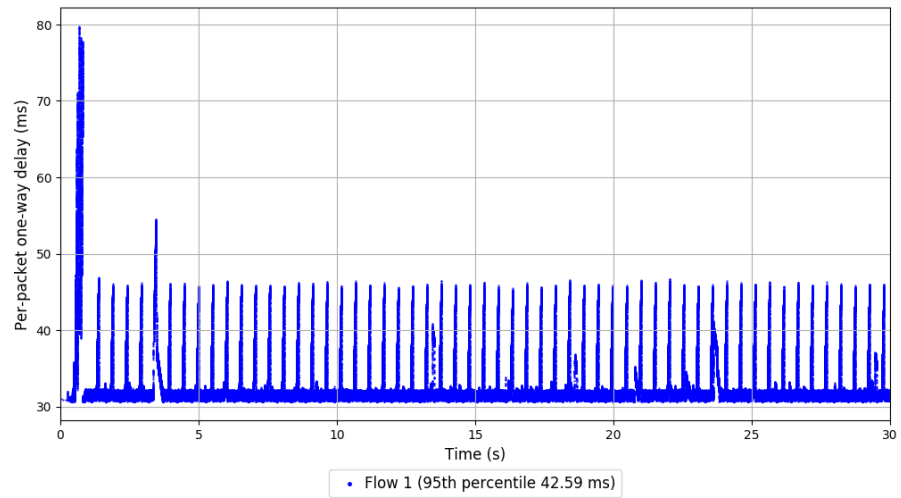
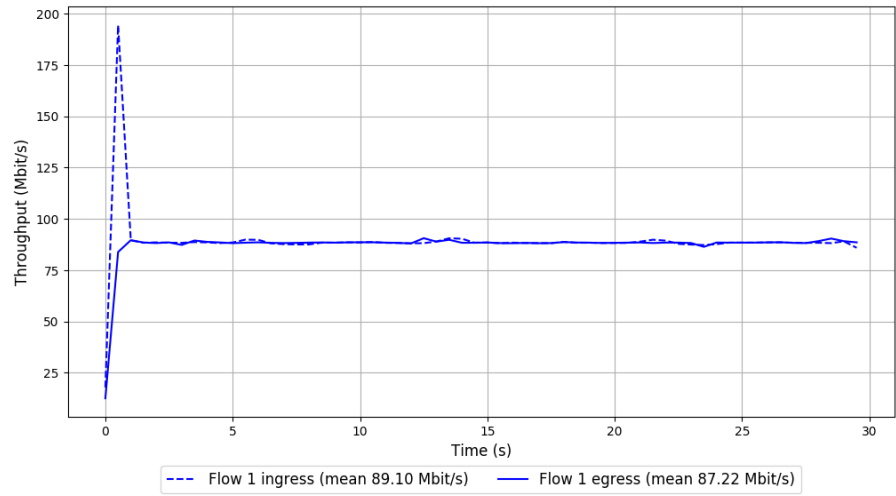
-- Flow 1:

Average throughput: 87.22 Mbit/s

95th percentile per-packet one-way delay: 42.590 ms

Loss rate: 2.11%

Run 9: Report of FillP — Data Link

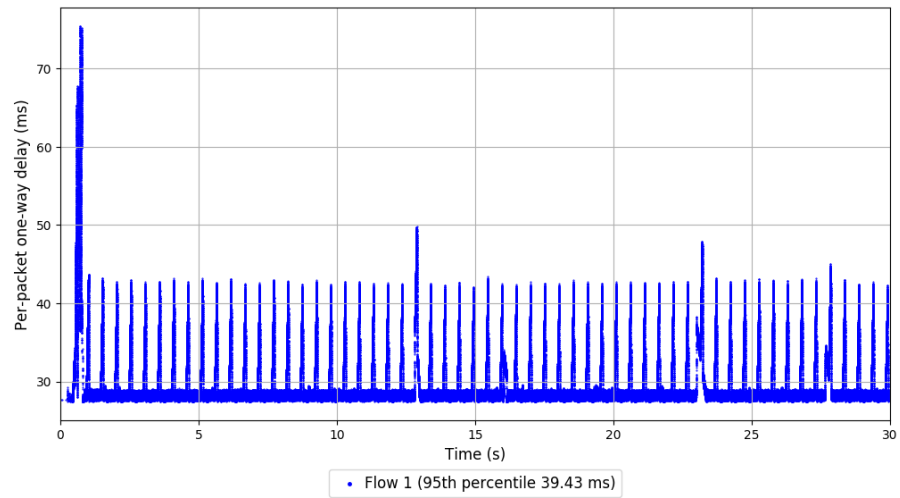
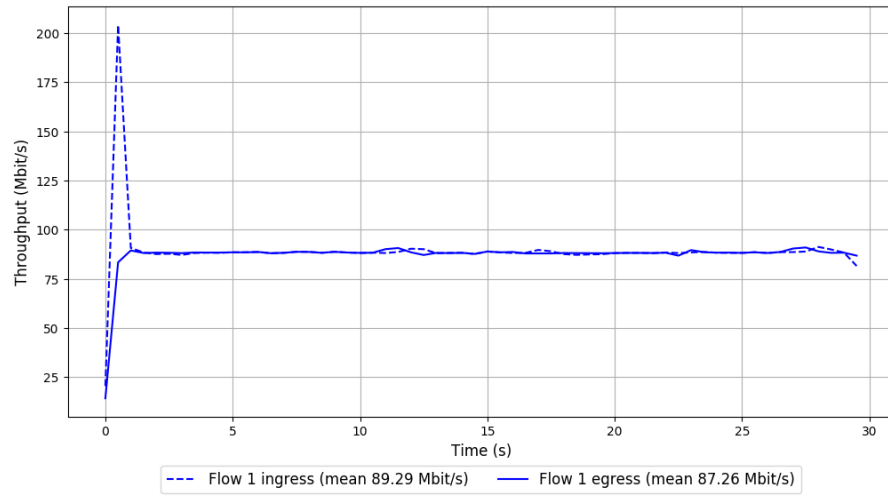


Run 10: Statistics of FillP

Start at: 2018-02-04 11:52:33
End at: 2018-02-04 11:53:04
Local clock offset: 1.108 ms
Remote clock offset: -0.586 ms

Below is generated by plot.py at 2018-02-04 12:55:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.26 Mbit/s
95th percentile per-packet one-way delay: 39.427 ms
Loss rate: 2.27%
-- Flow 1:
Average throughput: 87.26 Mbit/s
95th percentile per-packet one-way delay: 39.427 ms
Loss rate: 2.27%

Run 10: Report of FillP — Data Link

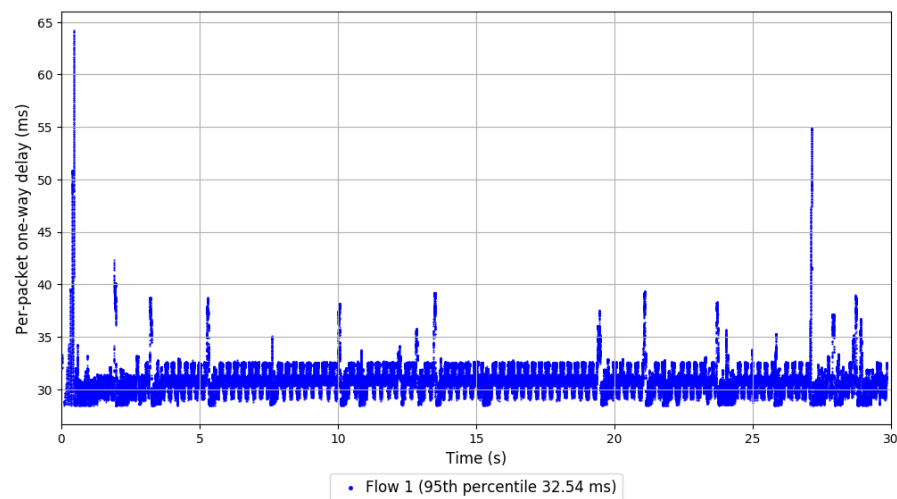
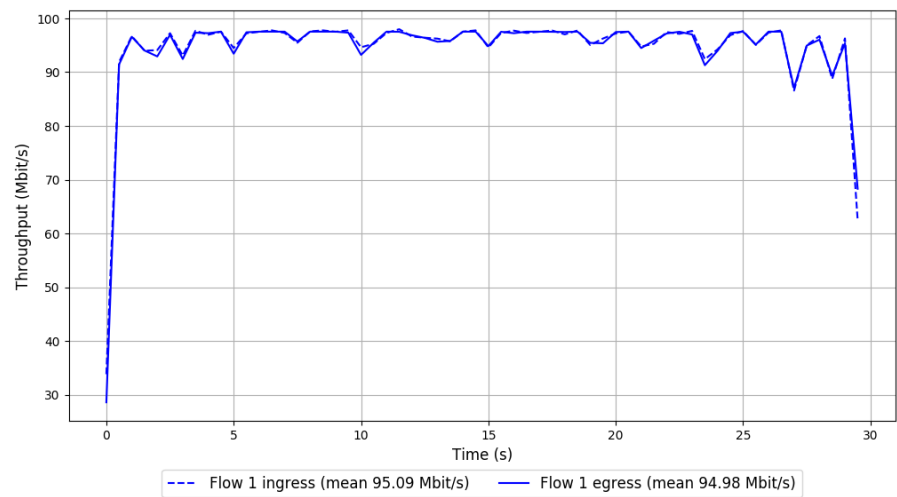


```
Run 1: Statistics of Indigo-1-32

Start at: 2018-02-04 08:15:07
End at: 2018-02-04 08:15:37
Local clock offset: 1.069 ms
Remote clock offset: -1.397 ms

# Below is generated by plot.py at 2018-02-04 12:55:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.98 Mbit/s
95th percentile per-packet one-way delay: 32.536 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 94.98 Mbit/s
95th percentile per-packet one-way delay: 32.536 ms
Loss rate: 0.13%
```

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

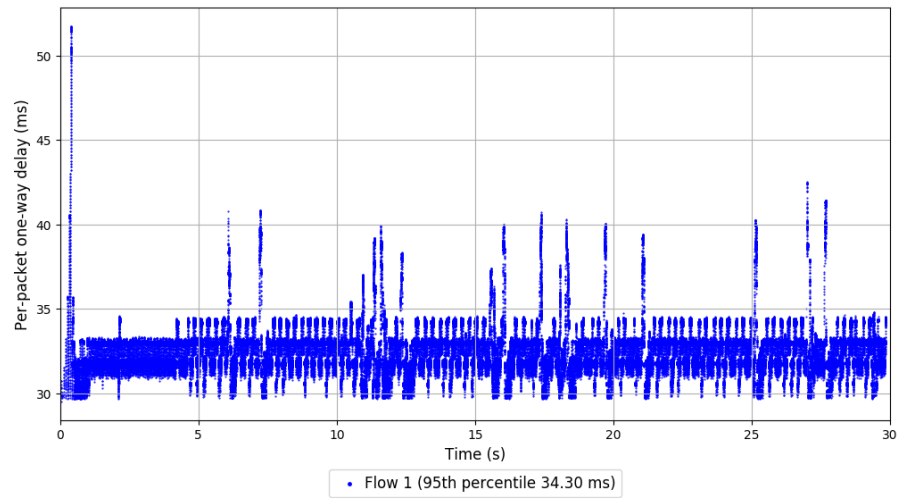
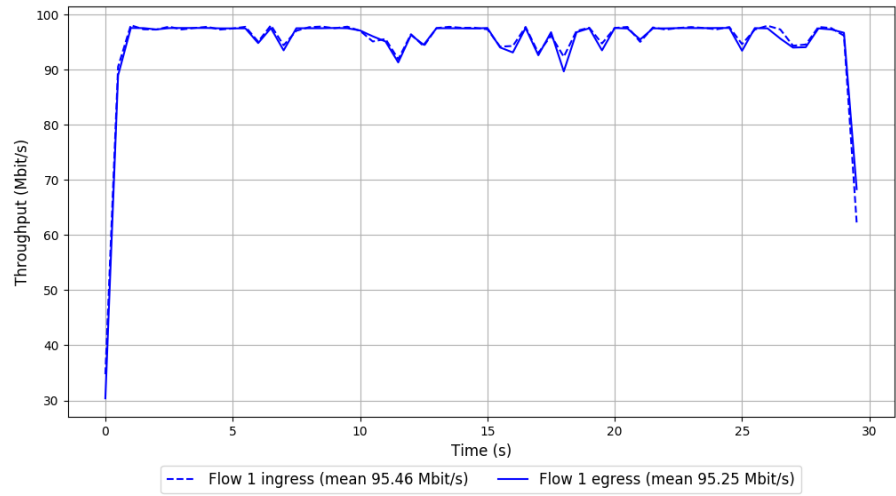


Run 2: Statistics of Indigo-1-32

Start at: 2018-02-04 08:39:30
End at: 2018-02-04 08:40:00
Local clock offset: 1.037 ms
Remote clock offset: -0.204 ms

Below is generated by plot.py at 2018-02-04 12:55:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.25 Mbit/s
95th percentile per-packet one-way delay: 34.305 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 95.25 Mbit/s
95th percentile per-packet one-way delay: 34.305 ms
Loss rate: 0.21%

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



Run 3: Statistics of Indigo-1-32

Start at: 2018-02-04 09:03:30

End at: 2018-02-04 09:04:00

Local clock offset: 0.903 ms

Remote clock offset: 0.399 ms

Below is generated by plot.py at 2018-02-04 12:55:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.64 Mbit/s

95th percentile per-packet one-way delay: 34.461 ms

Loss rate: 0.18%

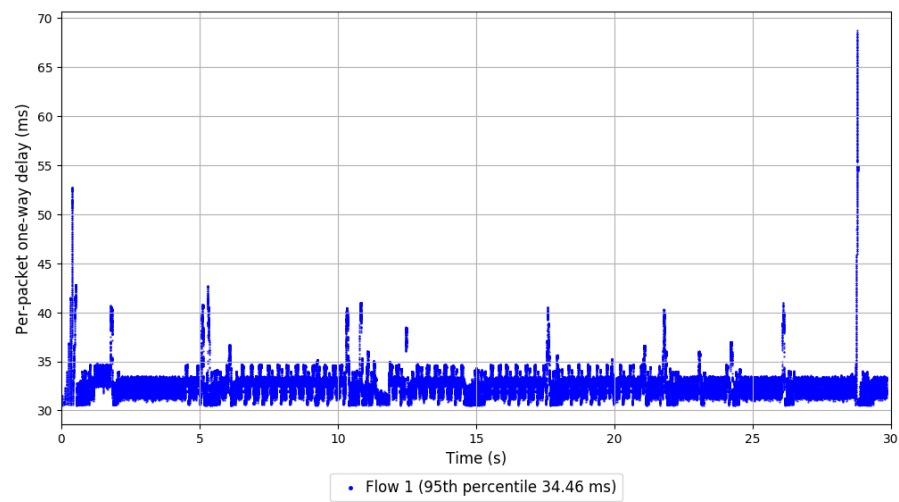
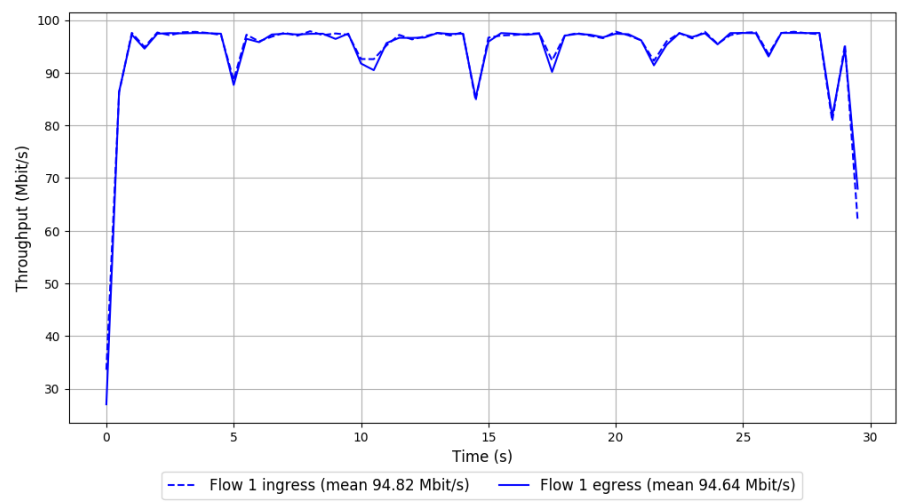
-- Flow 1:

Average throughput: 94.64 Mbit/s

95th percentile per-packet one-way delay: 34.461 ms

Loss rate: 0.18%

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



Run 4: Statistics of Indigo-1-32

Start at: 2018-02-04 09:27:24

End at: 2018-02-04 09:27:54

Local clock offset: 0.844 ms

Remote clock offset: 1.313 ms

Below is generated by plot.py at 2018-02-04 12:55:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.79 Mbit/s

95th percentile per-packet one-way delay: 34.483 ms

Loss rate: 0.07%

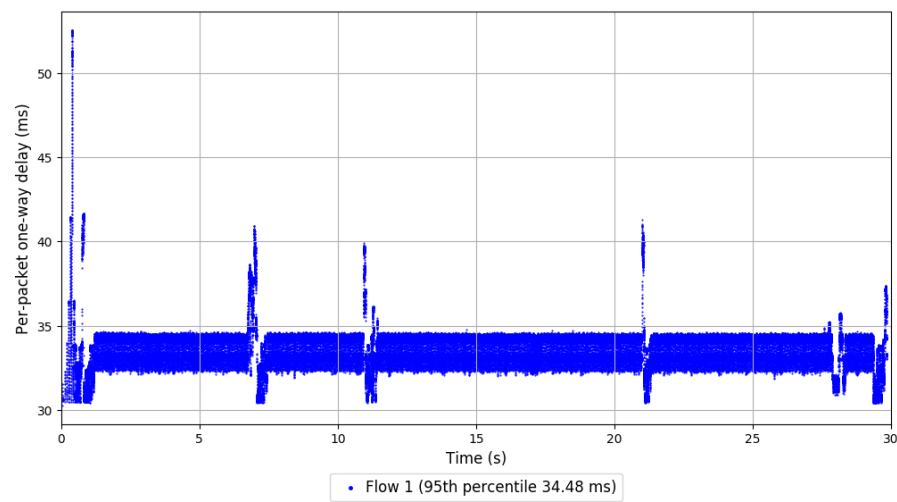
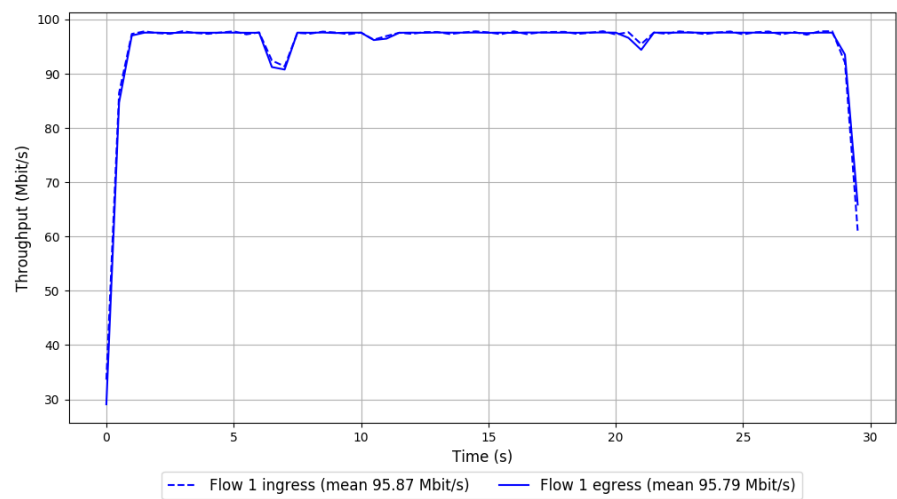
-- Flow 1:

Average throughput: 95.79 Mbit/s

95th percentile per-packet one-way delay: 34.483 ms

Loss rate: 0.07%

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



Run 5: Statistics of Indigo-1-32

Start at: 2018-02-04 09:51:29

End at: 2018-02-04 09:51:59

Local clock offset: 0.687 ms

Remote clock offset: 2.781 ms

Below is generated by plot.py at 2018-02-04 12:55:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.74 Mbit/s

95th percentile per-packet one-way delay: 36.100 ms

Loss rate: 0.10%

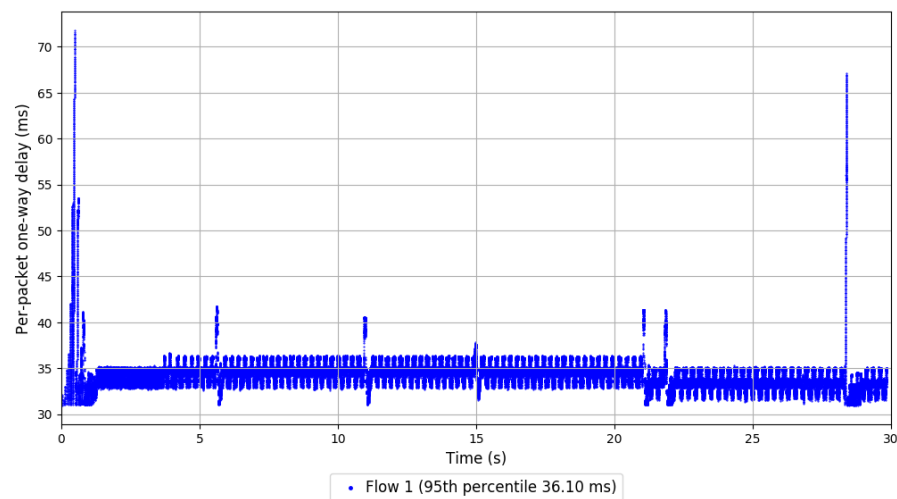
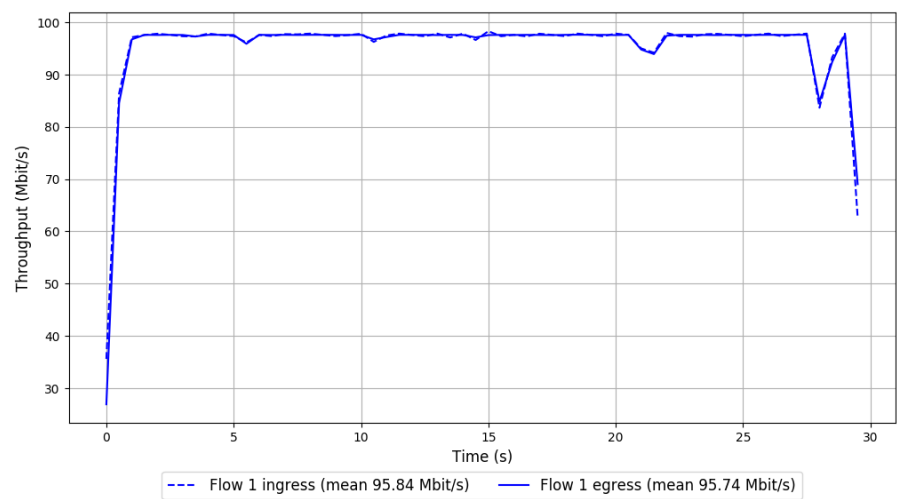
-- Flow 1:

Average throughput: 95.74 Mbit/s

95th percentile per-packet one-way delay: 36.100 ms

Loss rate: 0.10%

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



Run 6: Statistics of Indigo-1-32

Start at: 2018-02-04 10:15:22

End at: 2018-02-04 10:15:52

Local clock offset: 0.681 ms

Remote clock offset: 1.635 ms

Below is generated by plot.py at 2018-02-04 12:55:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.62 Mbit/s

95th percentile per-packet one-way delay: 34.427 ms

Loss rate: 0.02%

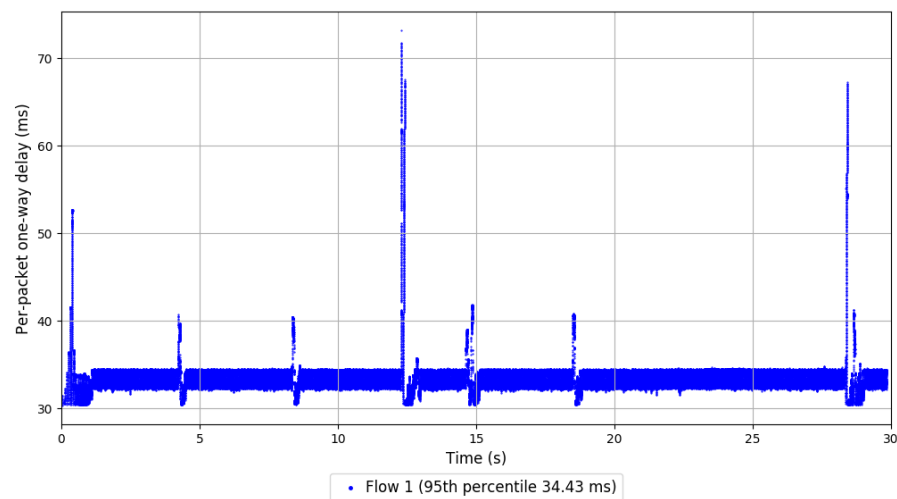
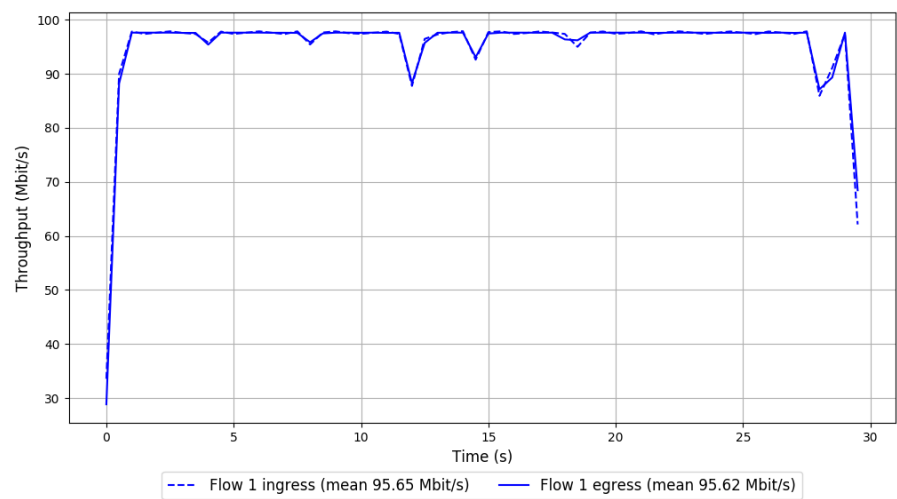
-- Flow 1:

Average throughput: 95.62 Mbit/s

95th percentile per-packet one-way delay: 34.427 ms

Loss rate: 0.02%

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



Run 7: Statistics of Indigo-1-32

Start at: 2018-02-04 10:39:16

End at: 2018-02-04 10:39:46

Local clock offset: 0.913 ms

Remote clock offset: 1.609 ms

Below is generated by plot.py at 2018-02-04 12:55:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.20 Mbit/s

95th percentile per-packet one-way delay: 34.376 ms

Loss rate: 0.04%

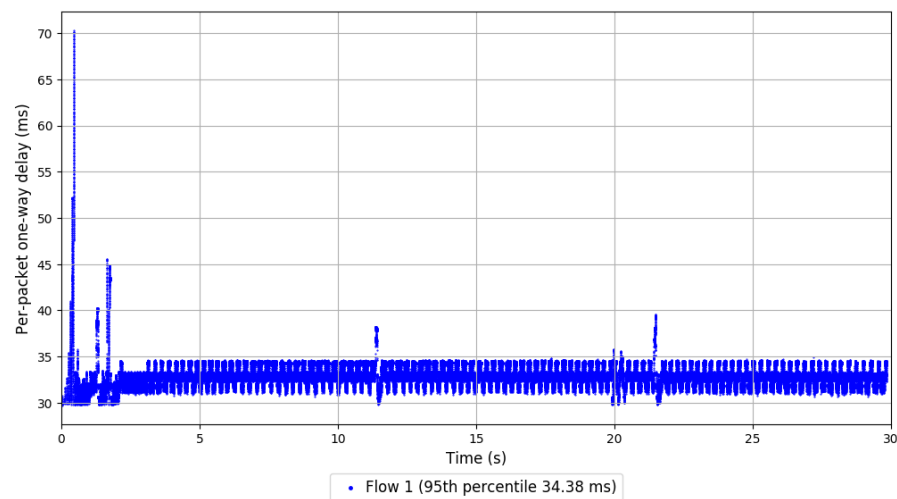
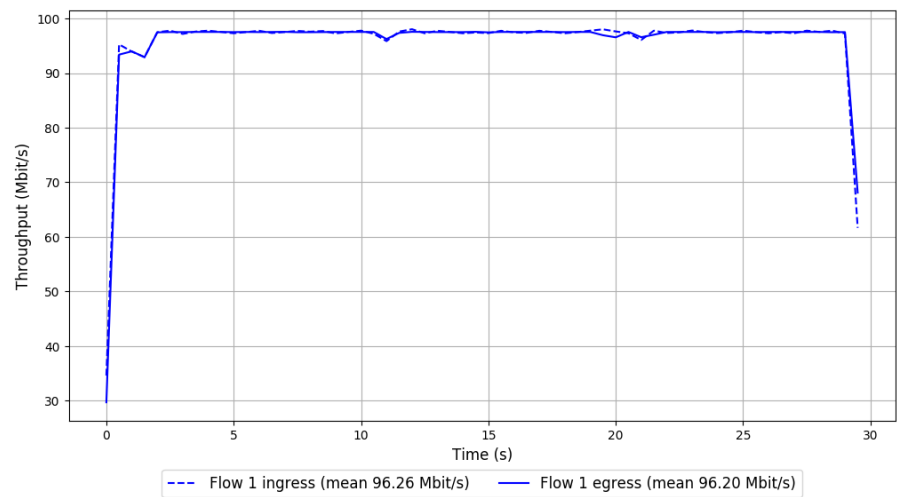
-- Flow 1:

Average throughput: 96.20 Mbit/s

95th percentile per-packet one-way delay: 34.376 ms

Loss rate: 0.04%

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



Run 8: Statistics of Indigo-1-32

Start at: 2018-02-04 11:03:15

End at: 2018-02-04 11:03:45

Local clock offset: 1.074 ms

Remote clock offset: -0.688 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.17 Mbit/s

95th percentile per-packet one-way delay: 32.387 ms

Loss rate: 0.03%

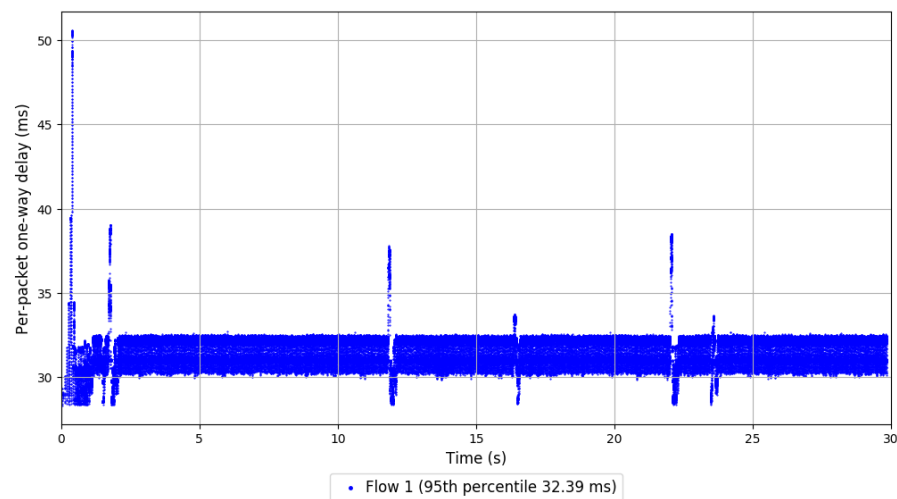
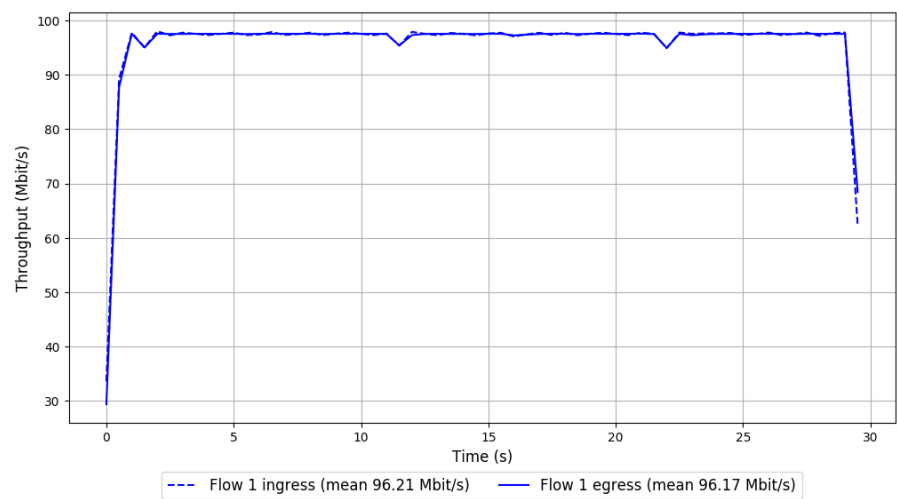
-- Flow 1:

Average throughput: 96.17 Mbit/s

95th percentile per-packet one-way delay: 32.387 ms

Loss rate: 0.03%

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



Run 9: Statistics of Indigo-1-32

Start at: 2018-02-04 11:27:14

End at: 2018-02-04 11:27:44

Local clock offset: 1.024 ms

Remote clock offset: 1.544 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.52 Mbit/s

95th percentile per-packet one-way delay: 34.796 ms

Loss rate: 0.09%

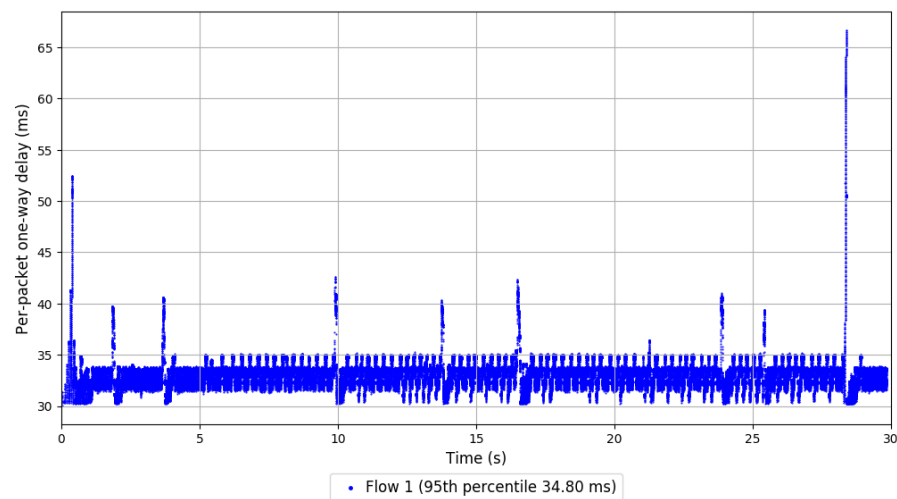
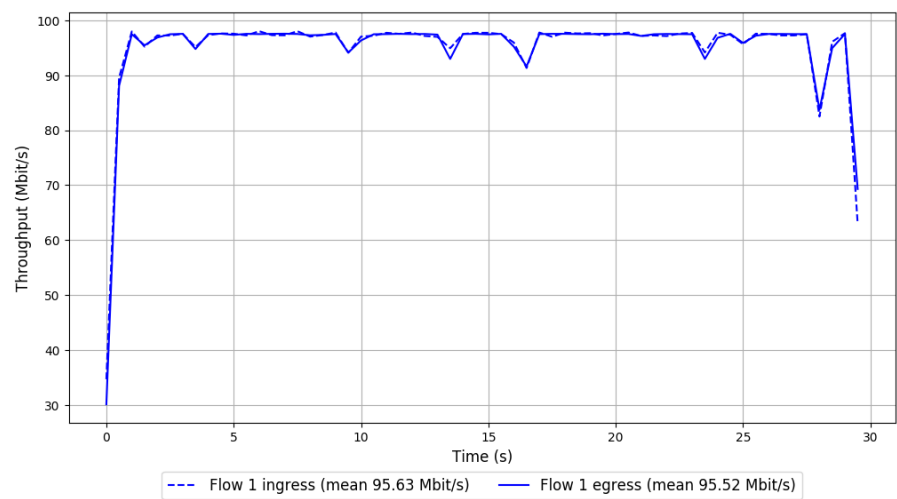
-- Flow 1:

Average throughput: 95.52 Mbit/s

95th percentile per-packet one-way delay: 34.796 ms

Loss rate: 0.09%

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



Run 10: Statistics of Indigo-1-32

Start at: 2018-02-04 11:51:12

End at: 2018-02-04 11:51:42

Local clock offset: 1.113 ms

Remote clock offset: -0.712 ms

Below is generated by plot.py at 2018-02-04 12:56:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.94 Mbit/s

95th percentile per-packet one-way delay: 32.271 ms

Loss rate: 0.01%

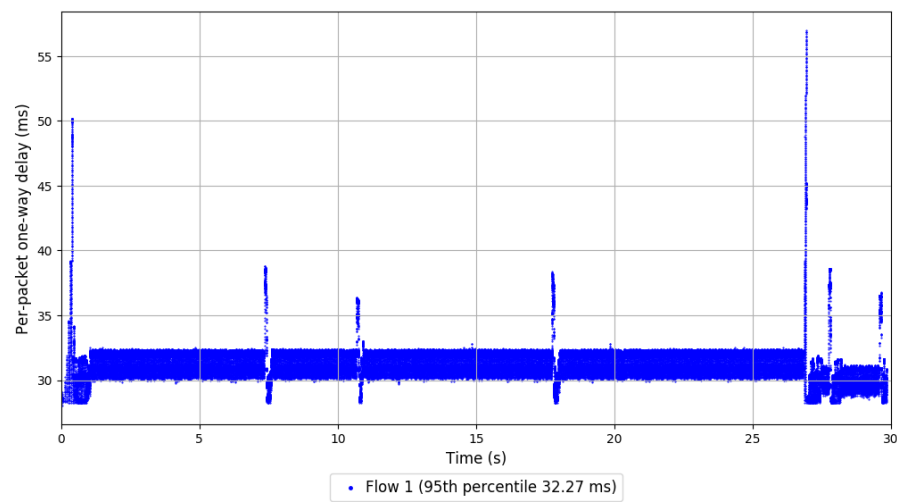
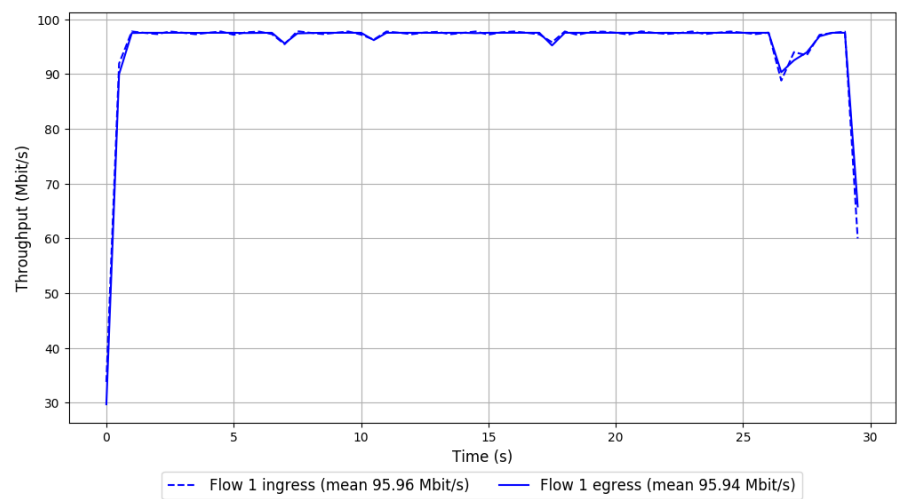
-- Flow 1:

Average throughput: 95.94 Mbit/s

95th percentile per-packet one-way delay: 32.271 ms

Loss rate: 0.01%

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

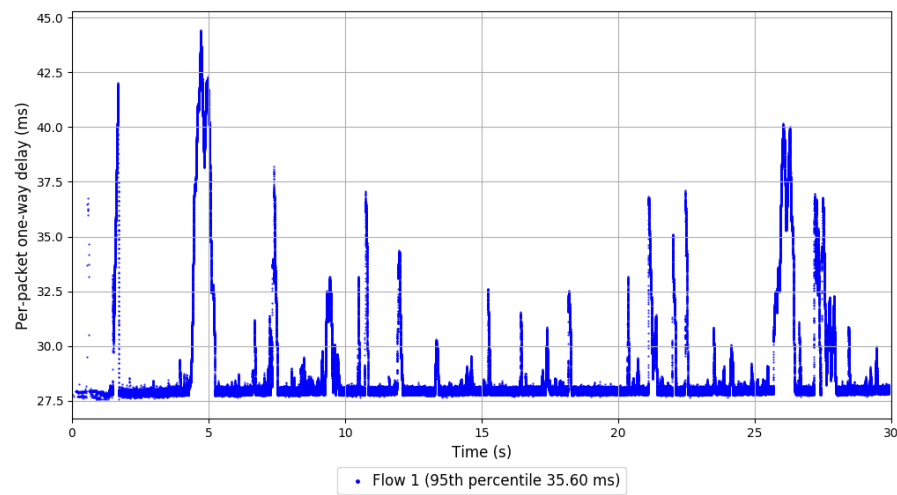
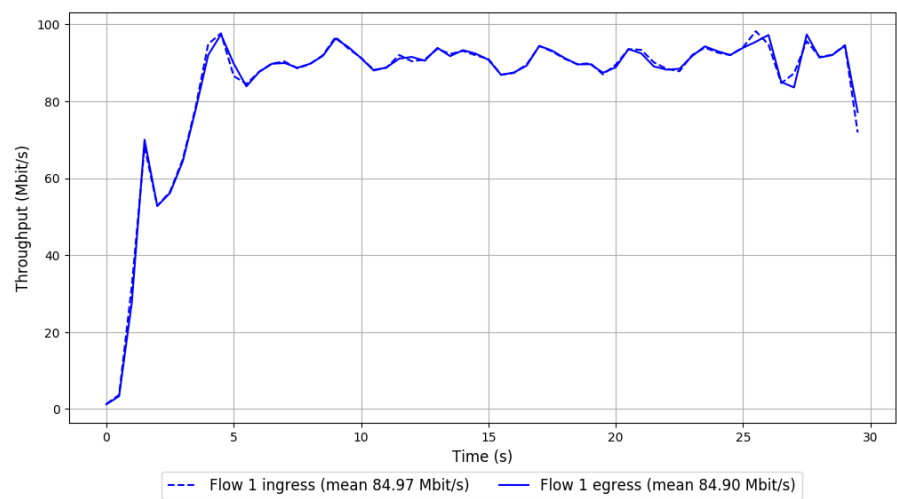


Run 1: Statistics of Vivace-latency

Start at: 2018-02-04 08:20:32
End at: 2018-02-04 08:21:02
Local clock offset: 0.99 ms
Remote clock offset: -1.761 ms

Below is generated by plot.py at 2018-02-04 12:56:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 84.90 Mbit/s
95th percentile per-packet one-way delay: 35.604 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 84.90 Mbit/s
95th percentile per-packet one-way delay: 35.604 ms
Loss rate: 0.08%

Run 1: Report of Vivace-latency — Data Link

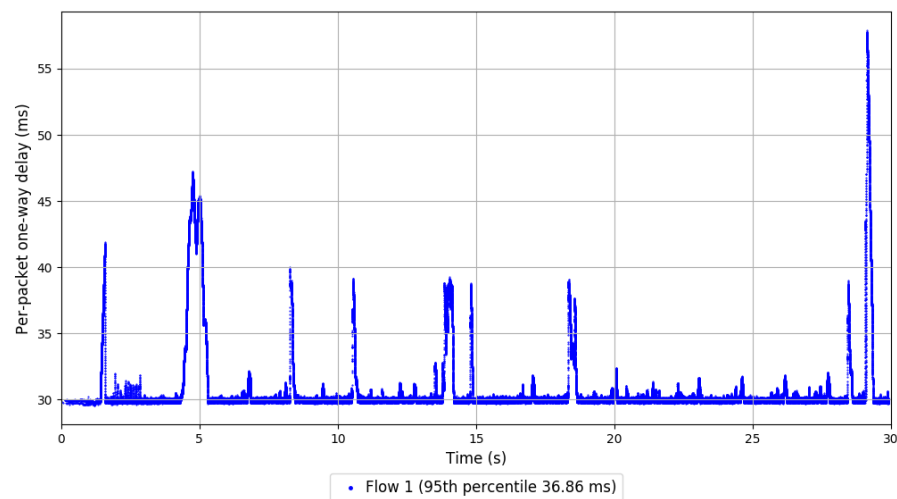
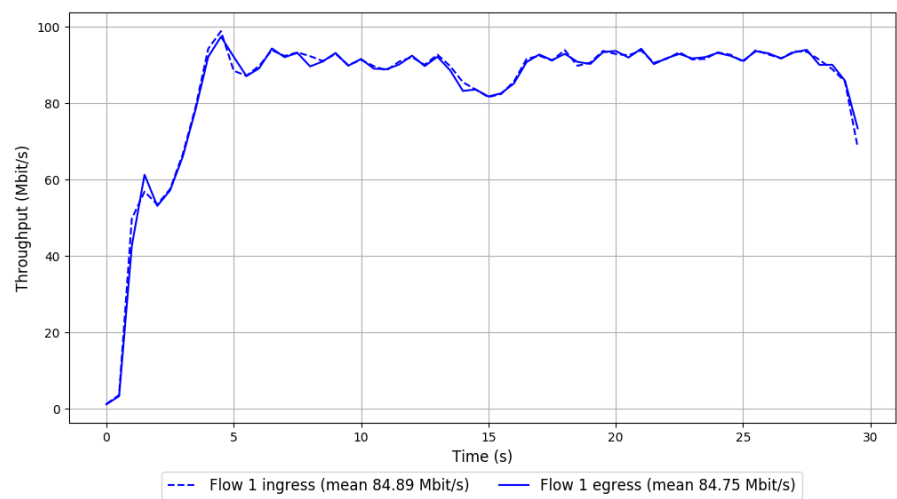


Run 2: Statistics of Vivace-latency

Start at: 2018-02-04 08:44:50
End at: 2018-02-04 08:45:20
Local clock offset: 1.057 ms
Remote clock offset: -0.183 ms

Below is generated by plot.py at 2018-02-04 12:56:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 84.75 Mbit/s
95th percentile per-packet one-way delay: 36.856 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 84.75 Mbit/s
95th percentile per-packet one-way delay: 36.856 ms
Loss rate: 0.17%

Run 2: Report of Vivace-latency — Data Link



Run 3: Statistics of Vivace-latency

Start at: 2018-02-04 09:08:51

End at: 2018-02-04 09:09:21

Local clock offset: 0.902 ms

Remote clock offset: 0.436 ms

Below is generated by plot.py at 2018-02-04 12:56:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.78 Mbit/s

95th percentile per-packet one-way delay: 35.658 ms

Loss rate: 0.03%

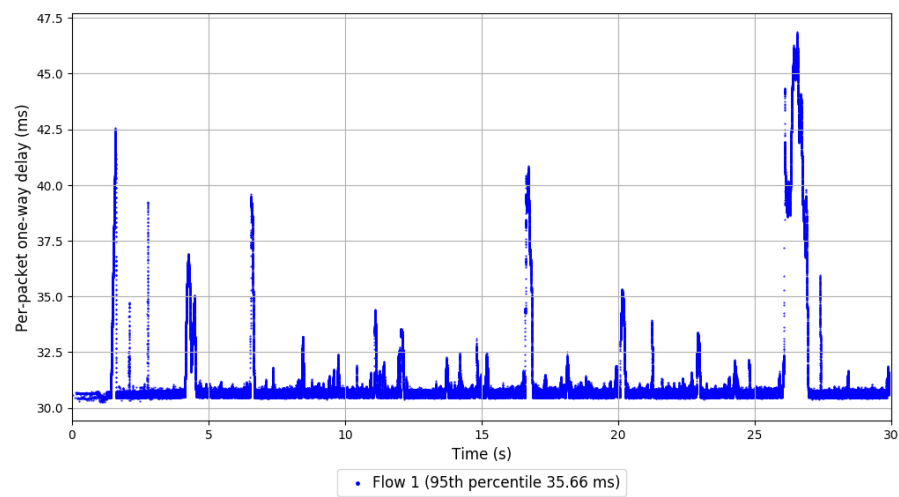
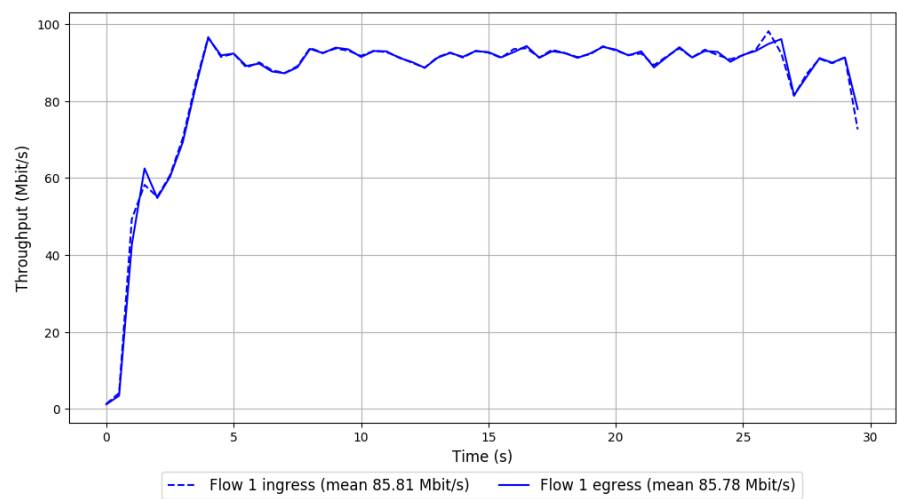
-- Flow 1:

Average throughput: 85.78 Mbit/s

95th percentile per-packet one-way delay: 35.658 ms

Loss rate: 0.03%

Run 3: Report of Vivace-latency — Data Link

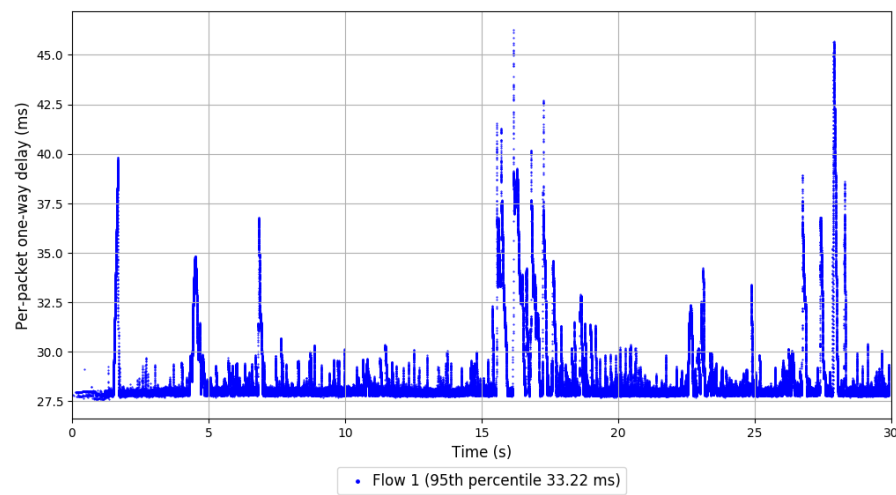
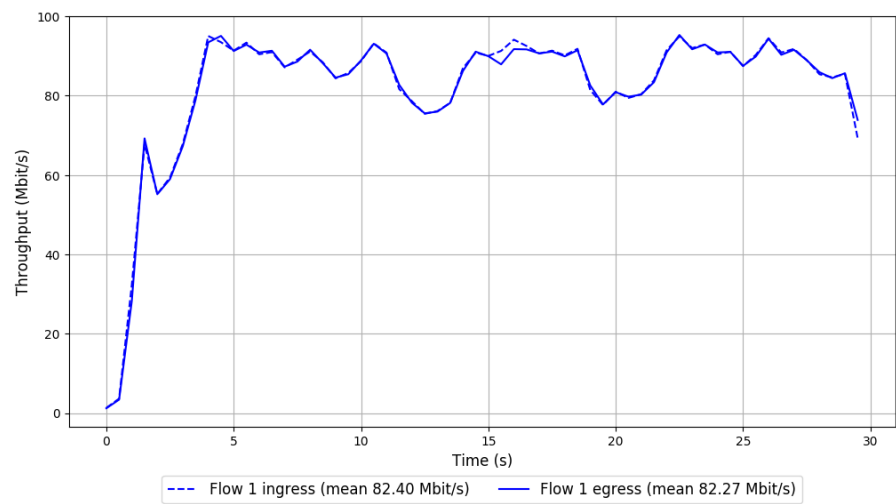


Run 4: Statistics of Vivace-latency

Start at: 2018-02-04 09:32:45
End at: 2018-02-04 09:33:15
Local clock offset: 0.757 ms
Remote clock offset: -0.496 ms

Below is generated by plot.py at 2018-02-04 12:56:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.27 Mbit/s
95th percentile per-packet one-way delay: 33.222 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 82.27 Mbit/s
95th percentile per-packet one-way delay: 33.222 ms
Loss rate: 0.16%

Run 4: Report of Vivace-latency — Data Link



Run 5: Statistics of Vivace-latency

Start at: 2018-02-04 09:56:49

End at: 2018-02-04 09:57:19

Local clock offset: 0.653 ms

Remote clock offset: 2.614 ms

Below is generated by plot.py at 2018-02-04 12:57:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.41 Mbit/s

95th percentile per-packet one-way delay: 33.911 ms

Loss rate: 0.05%

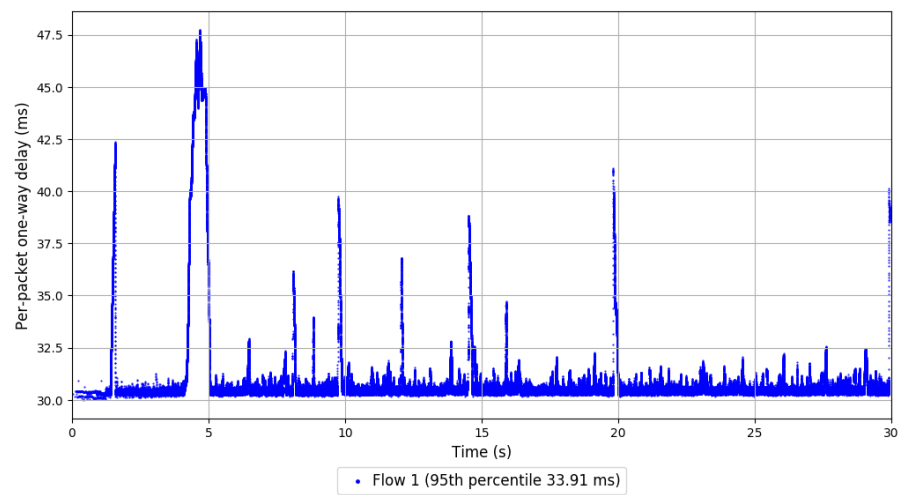
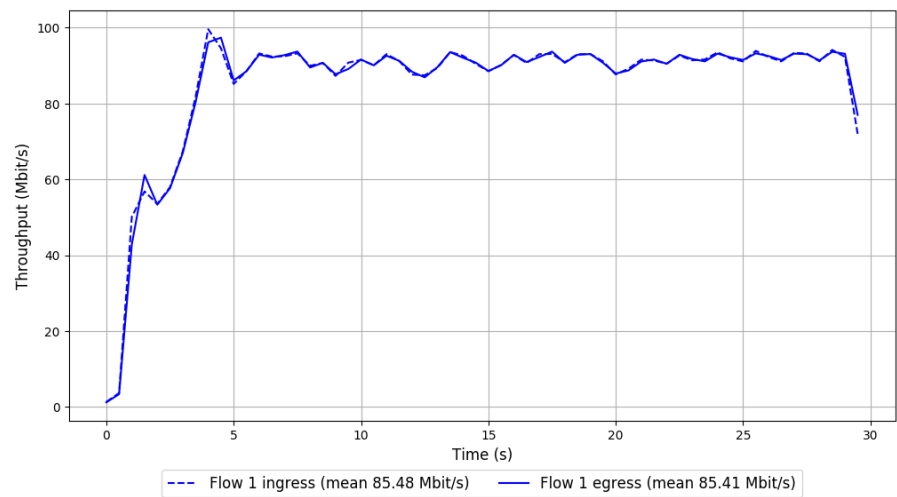
-- Flow 1:

Average throughput: 85.41 Mbit/s

95th percentile per-packet one-way delay: 33.911 ms

Loss rate: 0.05%

Run 5: Report of Vivace-latency — Data Link



Run 6: Statistics of Vivace-latency

Start at: 2018-02-04 10:20:42

End at: 2018-02-04 10:21:12

Local clock offset: 0.688 ms

Remote clock offset: 1.666 ms

Below is generated by plot.py at 2018-02-04 12:57:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.80 Mbit/s

95th percentile per-packet one-way delay: 35.334 ms

Loss rate: 0.04%

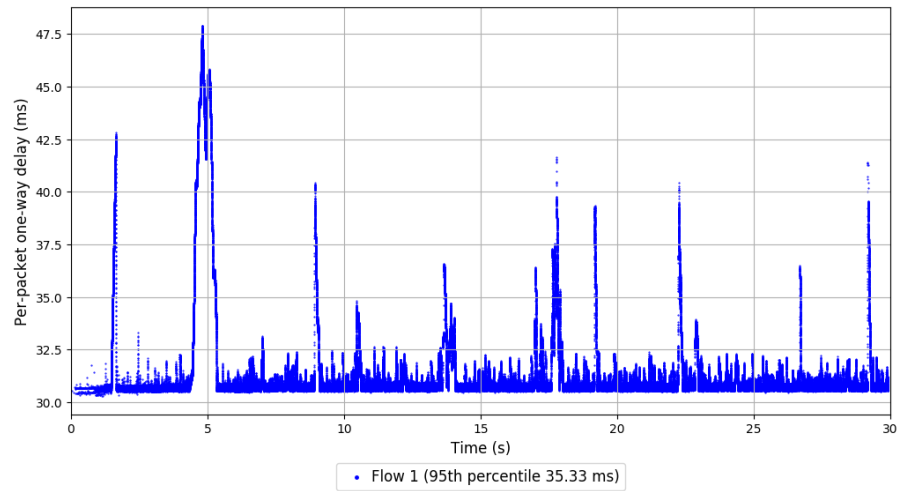
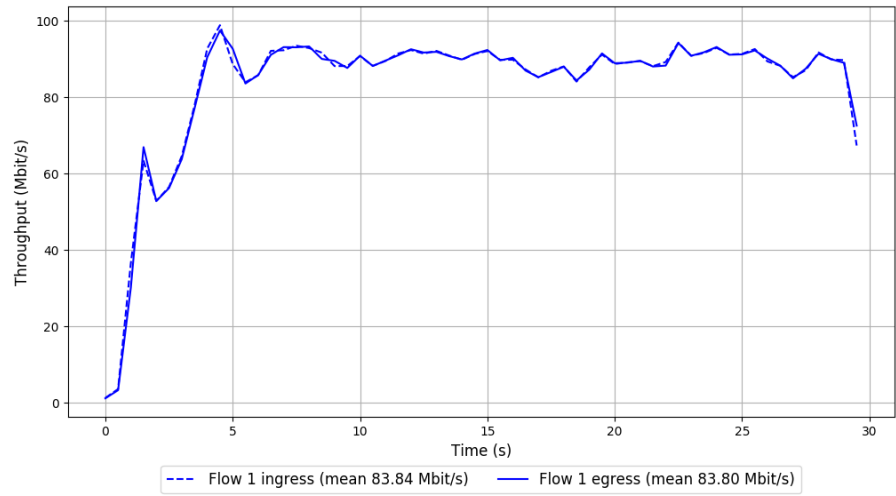
-- Flow 1:

Average throughput: 83.80 Mbit/s

95th percentile per-packet one-way delay: 35.334 ms

Loss rate: 0.04%

Run 6: Report of Vivace-latency — Data Link

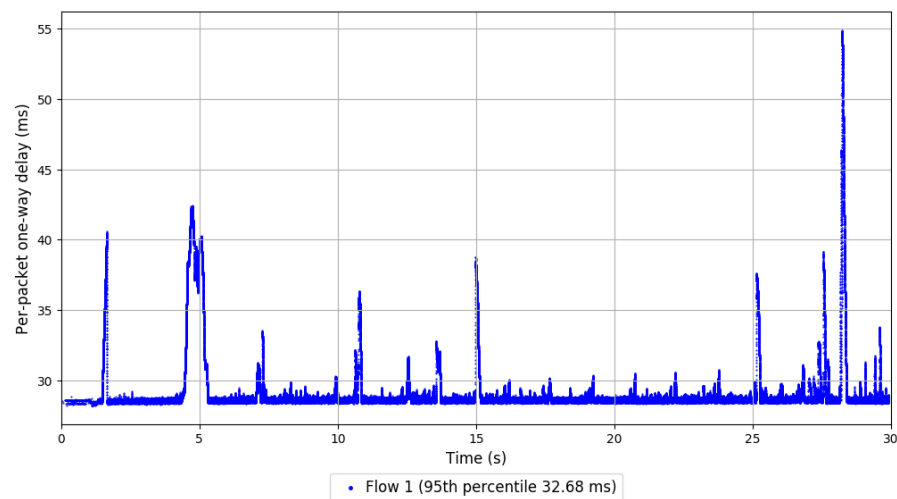
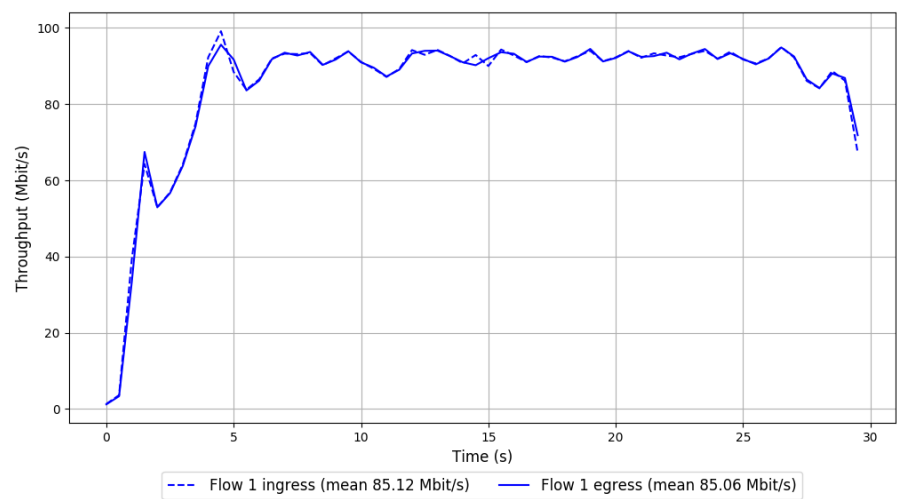


Run 7: Statistics of Vivace-latency

Start at: 2018-02-04 10:44:37
End at: 2018-02-04 10:45:07
Local clock offset: 0.844 ms
Remote clock offset: -0.662 ms

Below is generated by plot.py at 2018-02-04 12:57:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 85.06 Mbit/s
95th percentile per-packet one-way delay: 32.676 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 85.06 Mbit/s
95th percentile per-packet one-way delay: 32.676 ms
Loss rate: 0.07%

Run 7: Report of Vivace-latency — Data Link

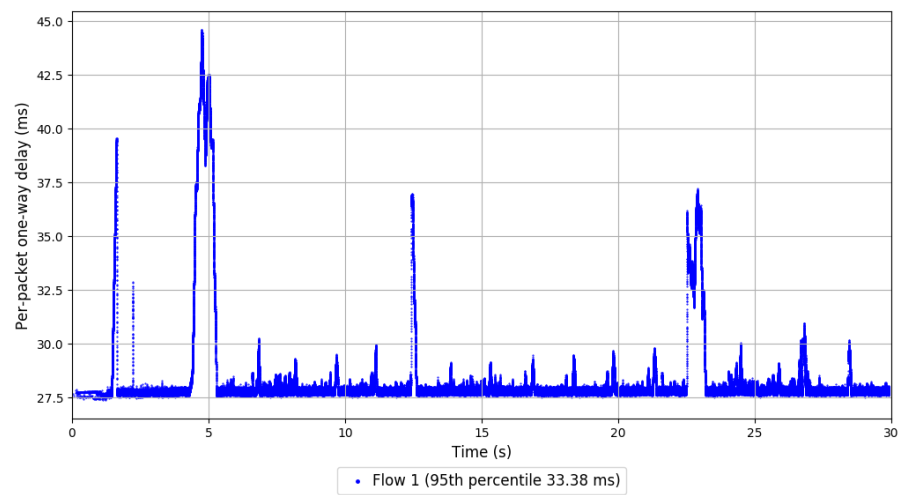
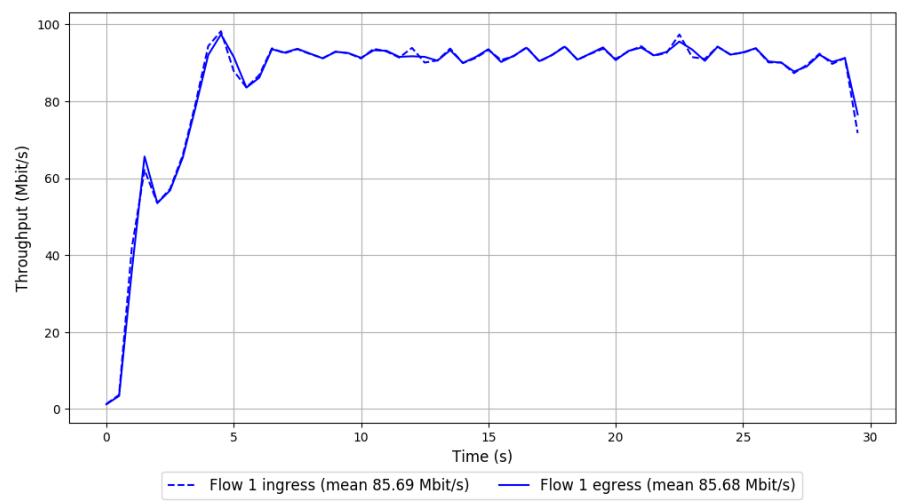


Run 8: Statistics of Vivace-latency

Start at: 2018-02-04 11:08:39
End at: 2018-02-04 11:09:09
Local clock offset: 1.082 ms
Remote clock offset: -0.829 ms

Below is generated by plot.py at 2018-02-04 12:57:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 85.68 Mbit/s
95th percentile per-packet one-way delay: 33.382 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 85.68 Mbit/s
95th percentile per-packet one-way delay: 33.382 ms
Loss rate: 0.02%

Run 8: Report of Vivace-latency — Data Link

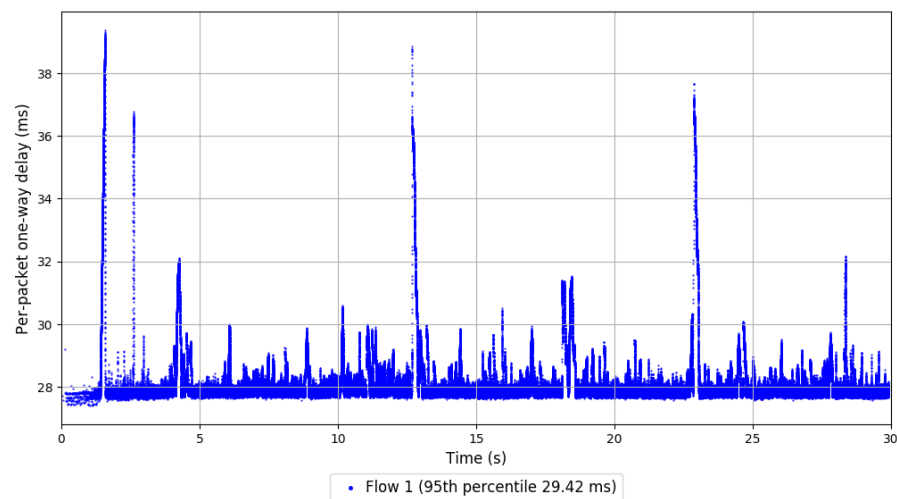
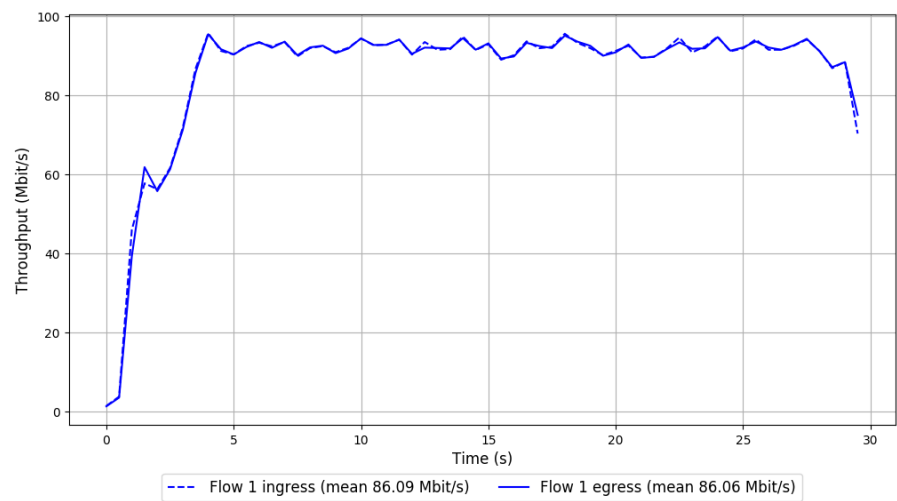


Run 9: Statistics of Vivace-latency

Start at: 2018-02-04 11:32:34
End at: 2018-02-04 11:33:04
Local clock offset: 1.01 ms
Remote clock offset: -0.948 ms

Below is generated by plot.py at 2018-02-04 12:57:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.06 Mbit/s
95th percentile per-packet one-way delay: 29.420 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 86.06 Mbit/s
95th percentile per-packet one-way delay: 29.420 ms
Loss rate: 0.03%

Run 9: Report of Vivace-latency — Data Link

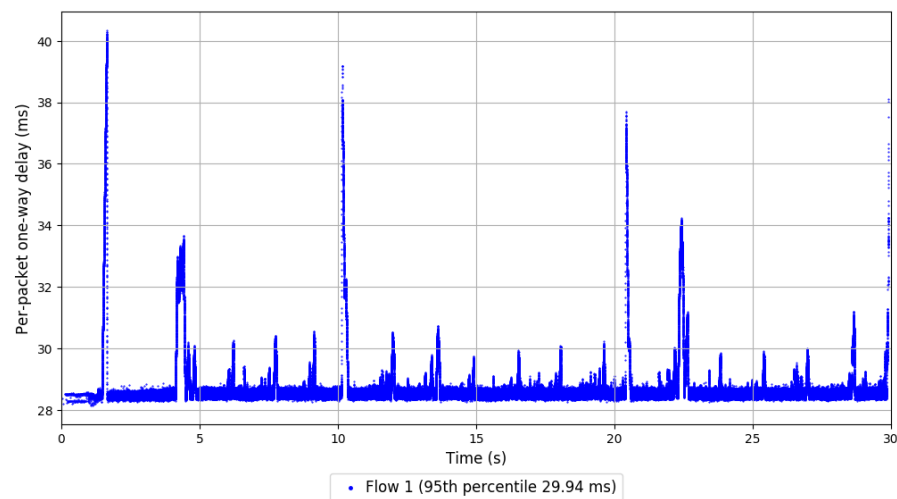
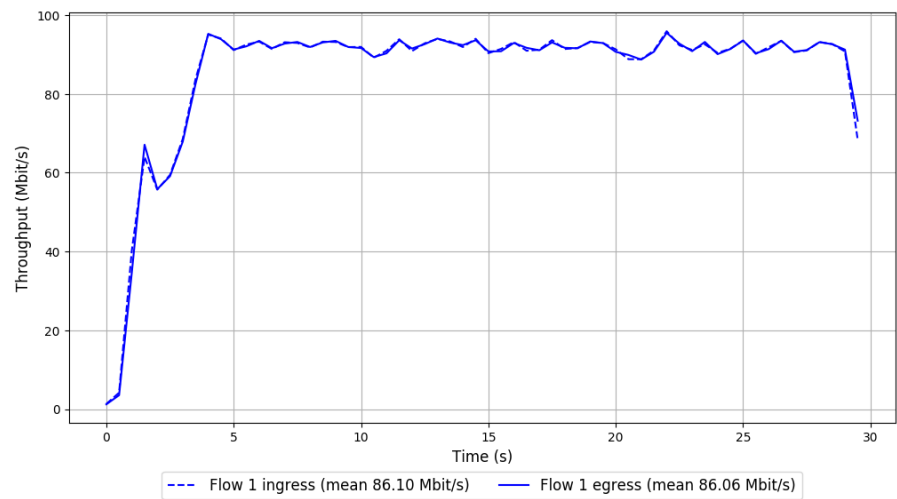


Run 10: Statistics of Vivace-latency

Start at: 2018-02-04 11:56:32
End at: 2018-02-04 11:57:02
Local clock offset: 1.158 ms
Remote clock offset: -0.524 ms

Below is generated by plot.py at 2018-02-04 12:57:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.06 Mbit/s
95th percentile per-packet one-way delay: 29.939 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 86.06 Mbit/s
95th percentile per-packet one-way delay: 29.939 ms
Loss rate: 0.01%

Run 10: Report of Vivace-latency — Data Link



Run 1: Statistics of Vivace-loss

Start at: 2018-02-04 08:13:46

End at: 2018-02-04 08:14:16

Local clock offset: 1.068 ms

Remote clock offset: -1.465 ms

Below is generated by plot.py at 2018-02-04 12:57:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.18 Mbit/s

95th percentile per-packet one-way delay: 59.860 ms

Loss rate: 4.22%

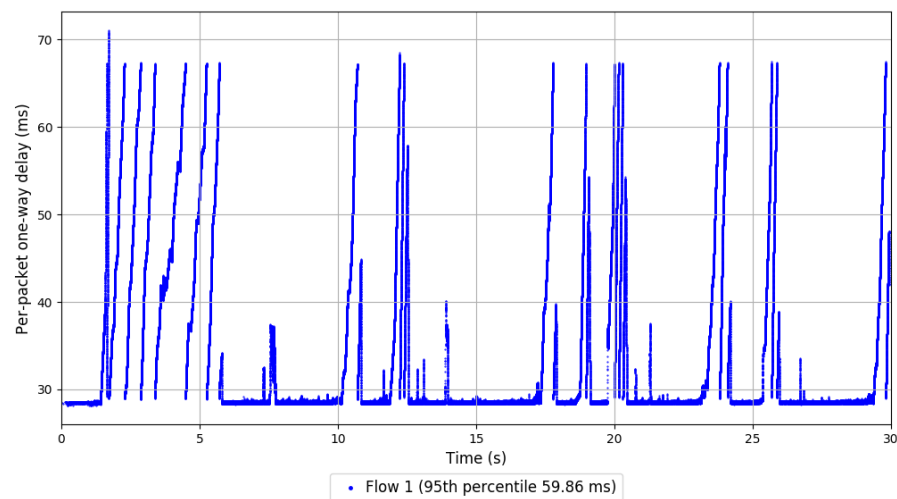
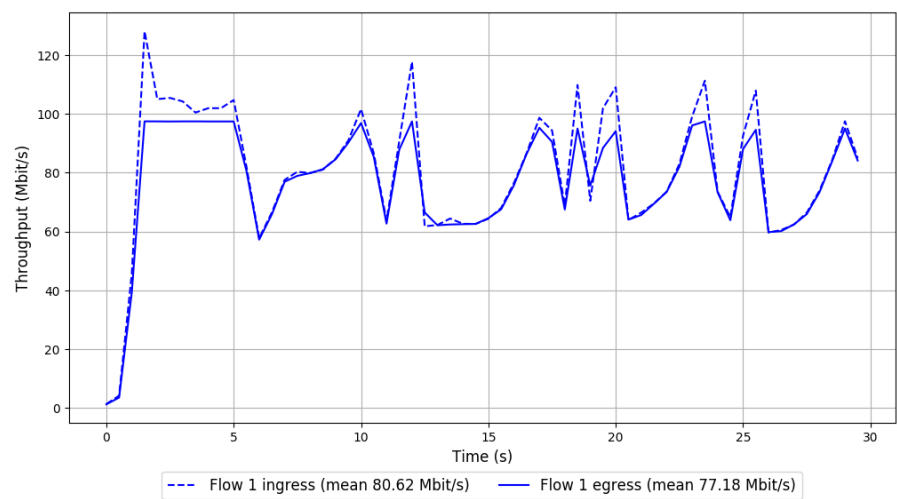
-- Flow 1:

Average throughput: 77.18 Mbit/s

95th percentile per-packet one-way delay: 59.860 ms

Loss rate: 4.22%

Run 1: Report of Vivace-loss — Data Link



Run 2: Statistics of Vivace-loss

Start at: 2018-02-04 08:38:09

End at: 2018-02-04 08:38:39

Local clock offset: 1.073 ms

Remote clock offset: -2.207 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.87 Mbit/s

95th percentile per-packet one-way delay: 61.749 ms

Loss rate: 5.33%

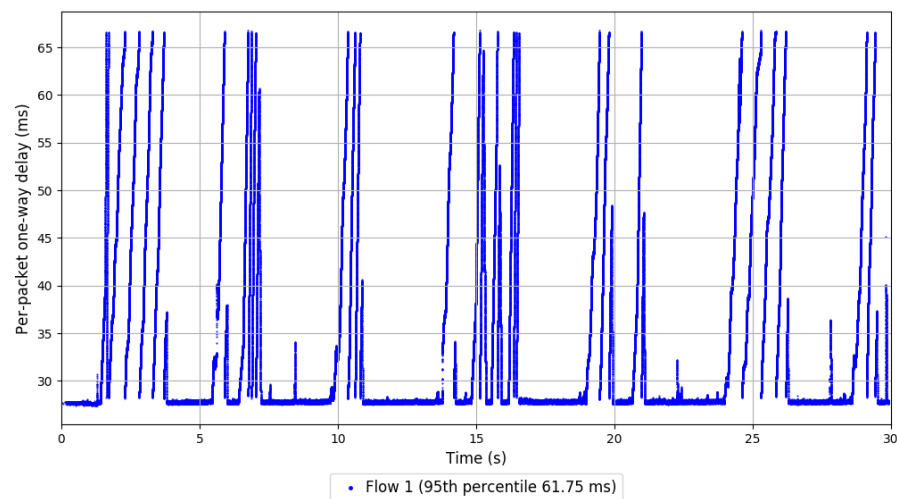
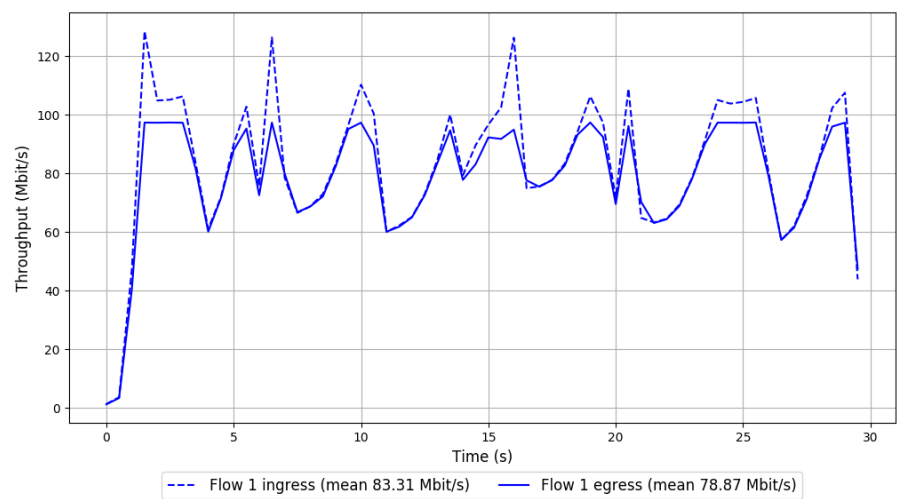
-- Flow 1:

Average throughput: 78.87 Mbit/s

95th percentile per-packet one-way delay: 61.749 ms

Loss rate: 5.33%

Run 2: Report of Vivace-loss — Data Link



Run 3: Statistics of Vivace-loss

Start at: 2018-02-04 09:02:08

End at: 2018-02-04 09:02:38

Local clock offset: 1.003 ms

Remote clock offset: 0.28 ms

Below is generated by plot.py at 2018-02-04 12:58:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.14 Mbit/s

95th percentile per-packet one-way delay: 61.209 ms

Loss rate: 6.22%

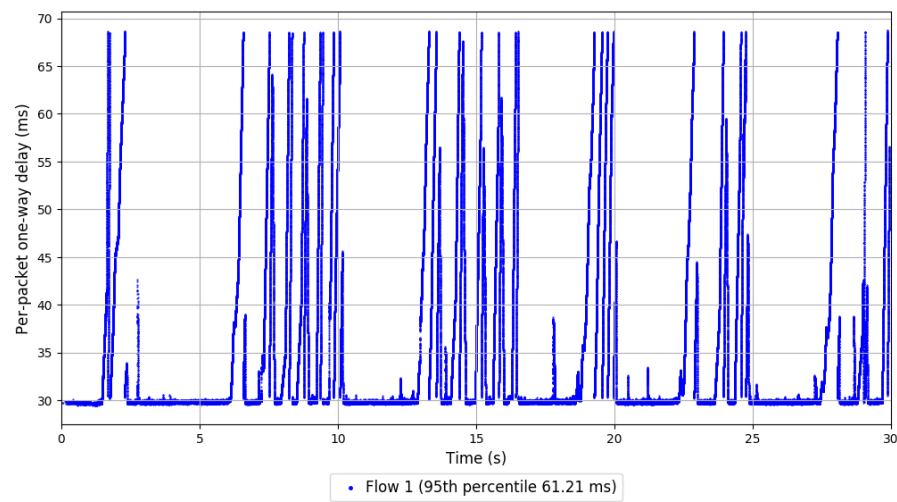
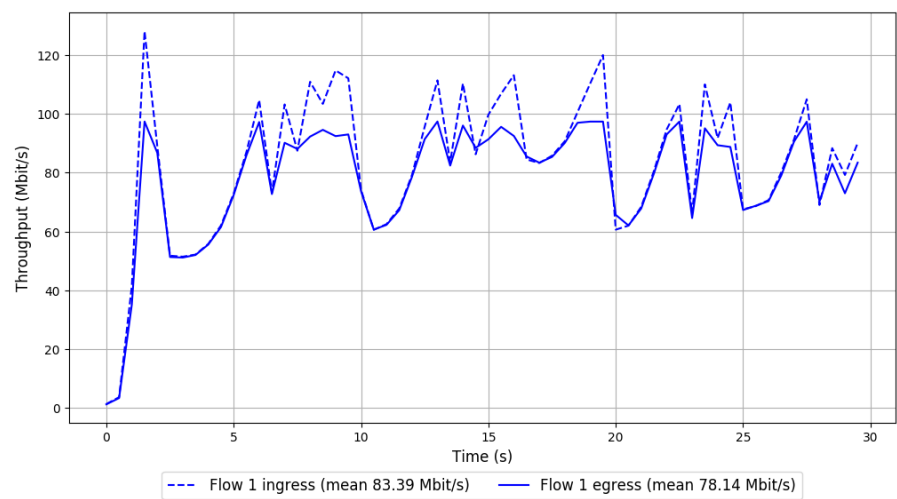
-- Flow 1:

Average throughput: 78.14 Mbit/s

95th percentile per-packet one-way delay: 61.209 ms

Loss rate: 6.22%

Run 3: Report of Vivace-loss — Data Link



Run 4: Statistics of Vivace-loss

Start at: 2018-02-04 09:26:03

End at: 2018-02-04 09:26:33

Local clock offset: 0.867 ms

Remote clock offset: -0.709 ms

Below is generated by plot.py at 2018-02-04 12:58:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.50 Mbit/s

95th percentile per-packet one-way delay: 59.969 ms

Loss rate: 8.66%

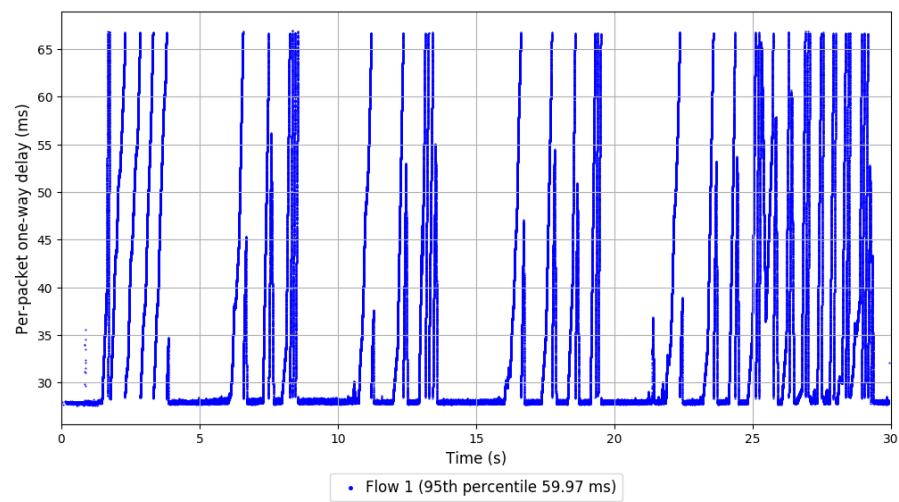
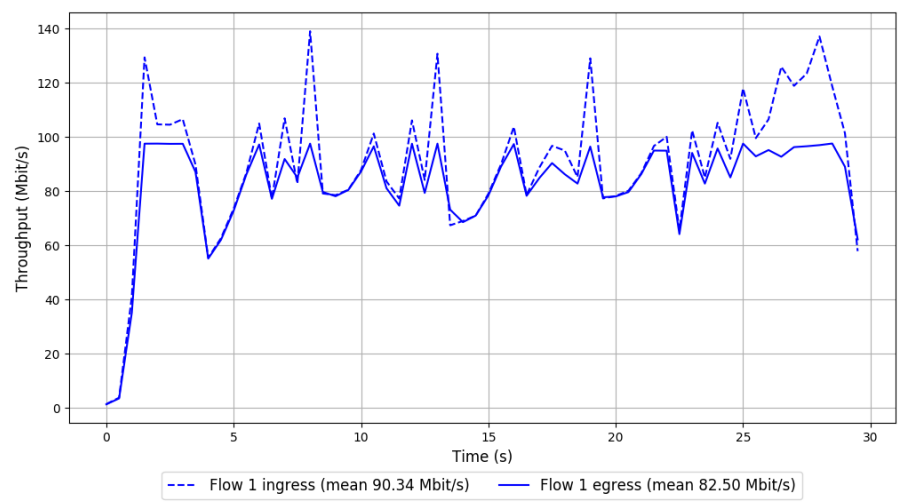
-- Flow 1:

Average throughput: 82.50 Mbit/s

95th percentile per-packet one-way delay: 59.969 ms

Loss rate: 8.66%

Run 4: Report of Vivace-loss — Data Link



Run 5: Statistics of Vivace-loss

Start at: 2018-02-04 09:50:08

End at: 2018-02-04 09:50:38

Local clock offset: 0.672 ms

Remote clock offset: 2.078 ms

Below is generated by plot.py at 2018-02-04 12:58:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.61 Mbit/s

95th percentile per-packet one-way delay: 64.387 ms

Loss rate: 5.52%

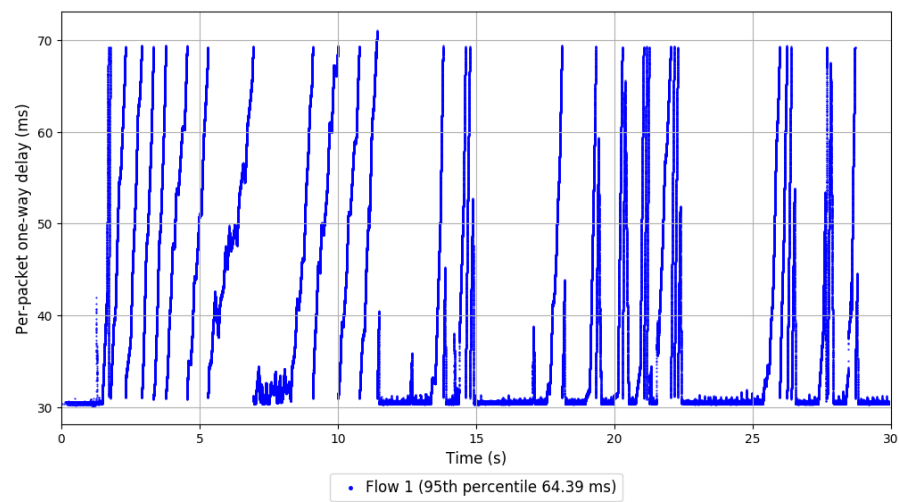
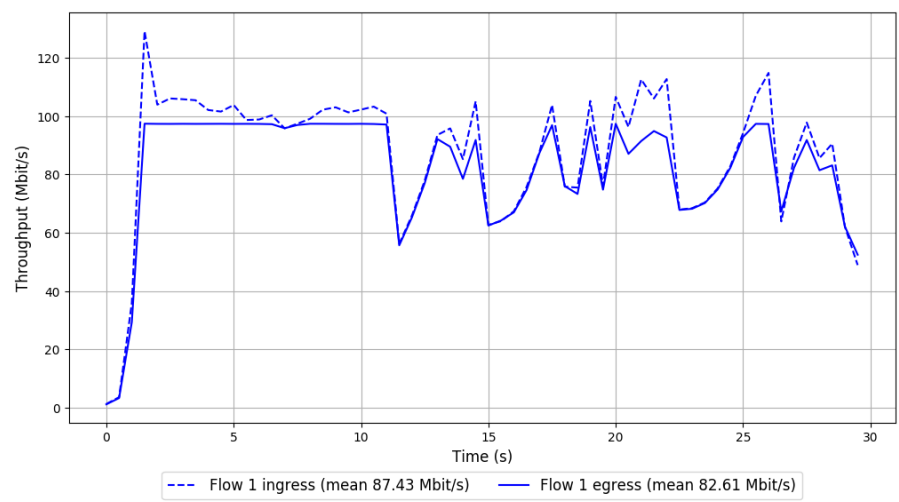
-- Flow 1:

Average throughput: 82.61 Mbit/s

95th percentile per-packet one-way delay: 64.387 ms

Loss rate: 5.52%

Run 5: Report of Vivace-loss — Data Link

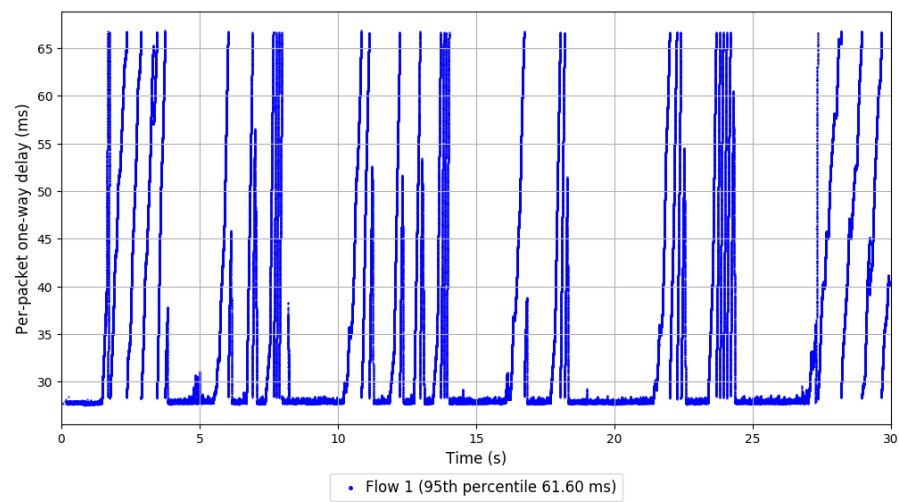
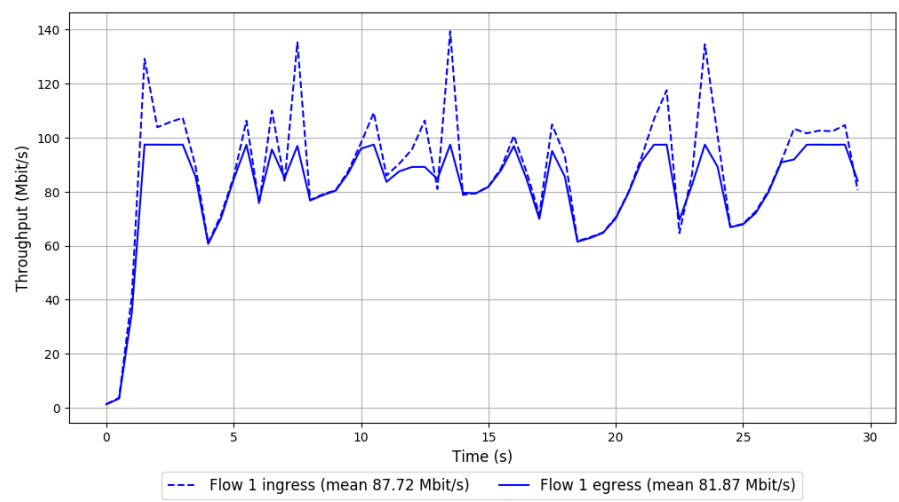


Run 6: Statistics of Vivace-loss

Start at: 2018-02-04 10:14:01
End at: 2018-02-04 10:14:31
Local clock offset: 0.765 ms
Remote clock offset: -0.271 ms

Below is generated by plot.py at 2018-02-04 12:58:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 81.87 Mbit/s
95th percentile per-packet one-way delay: 61.599 ms
Loss rate: 6.64%
-- Flow 1:
Average throughput: 81.87 Mbit/s
95th percentile per-packet one-way delay: 61.599 ms
Loss rate: 6.64%

Run 6: Report of Vivace-loss — Data Link



Run 7: Statistics of Vivace-loss

Start at: 2018-02-04 10:37:55

End at: 2018-02-04 10:38:25

Local clock offset: 0.809 ms

Remote clock offset: 1.613 ms

Below is generated by plot.py at 2018-02-04 12:58:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.00 Mbit/s

95th percentile per-packet one-way delay: 65.817 ms

Loss rate: 6.04%

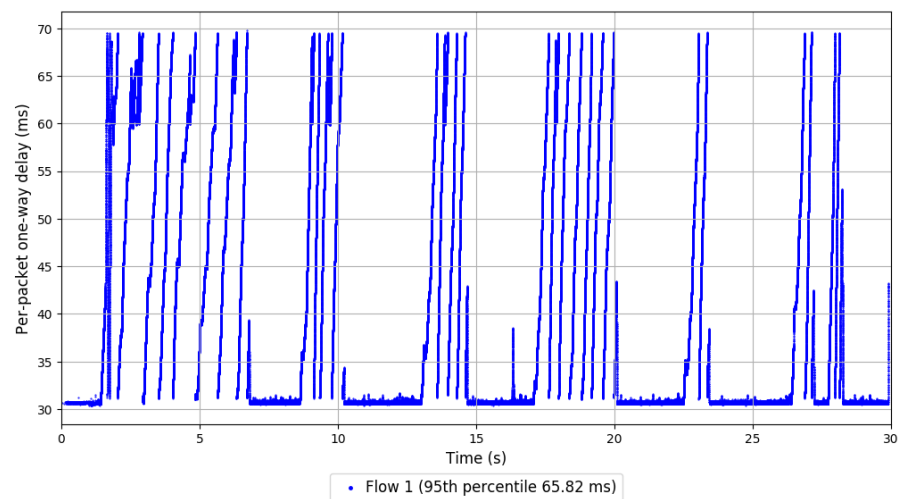
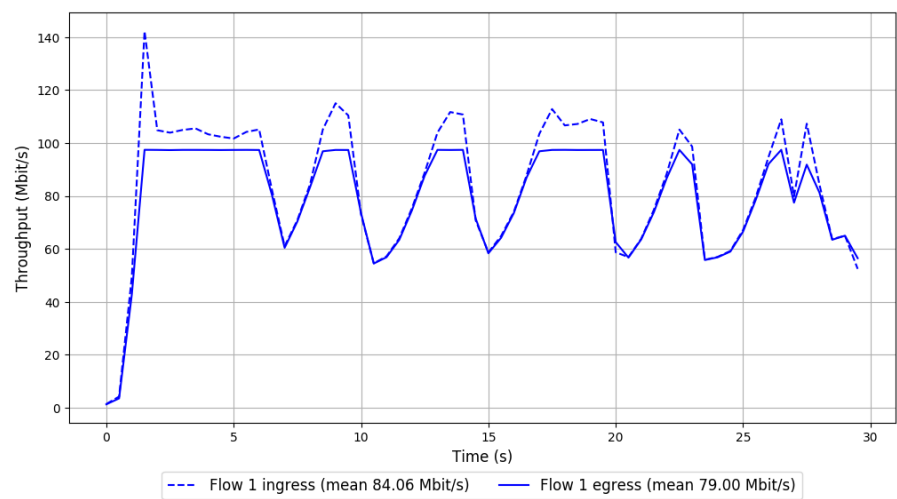
-- Flow 1:

Average throughput: 79.00 Mbit/s

95th percentile per-packet one-way delay: 65.817 ms

Loss rate: 6.04%

Run 7: Report of Vivace-loss — Data Link



Run 8: Statistics of Vivace-loss

Start at: 2018-02-04 11:01:54

End at: 2018-02-04 11:02:24

Local clock offset: 1.026 ms

Remote clock offset: 1.767 ms

Below is generated by plot.py at 2018-02-04 12:59:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 76.16 Mbit/s

95th percentile per-packet one-way delay: 62.902 ms

Loss rate: 4.92%

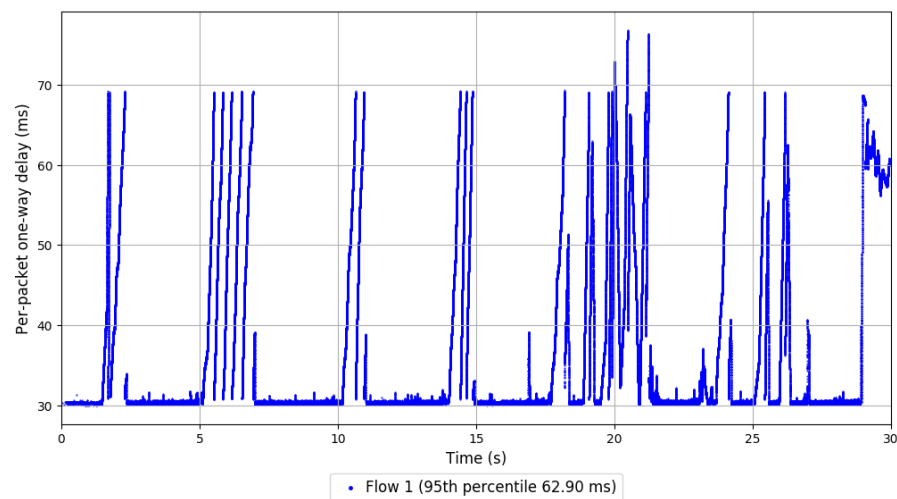
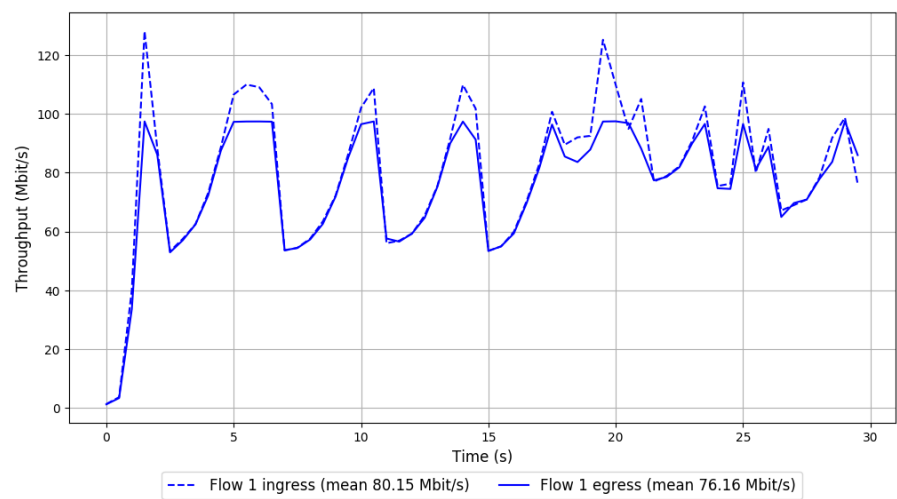
-- Flow 1:

Average throughput: 76.16 Mbit/s

95th percentile per-packet one-way delay: 62.902 ms

Loss rate: 4.92%

Run 8: Report of Vivace-loss — Data Link



Run 9: Statistics of Vivace-loss

Start at: 2018-02-04 11:25:53

End at: 2018-02-04 11:26:23

Local clock offset: 0.937 ms

Remote clock offset: -1.074 ms

Below is generated by plot.py at 2018-02-04 12:59:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.40 Mbit/s

95th percentile per-packet one-way delay: 63.250 ms

Loss rate: 6.31%

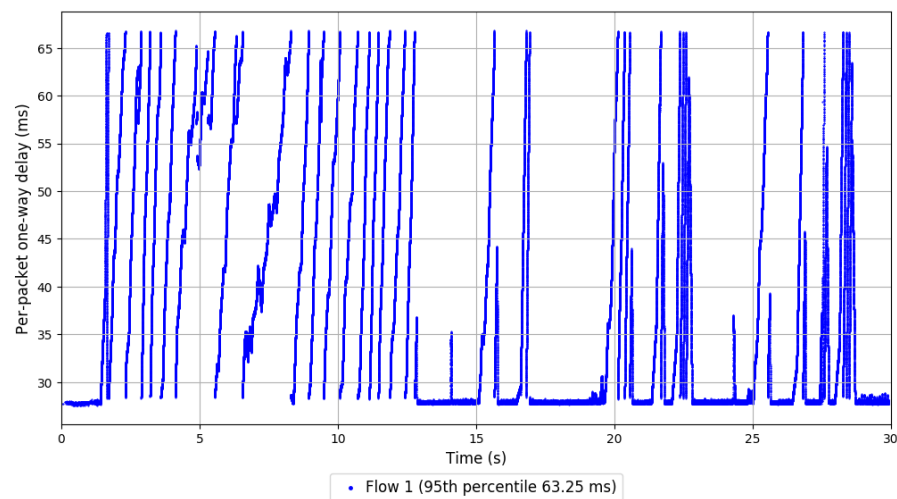
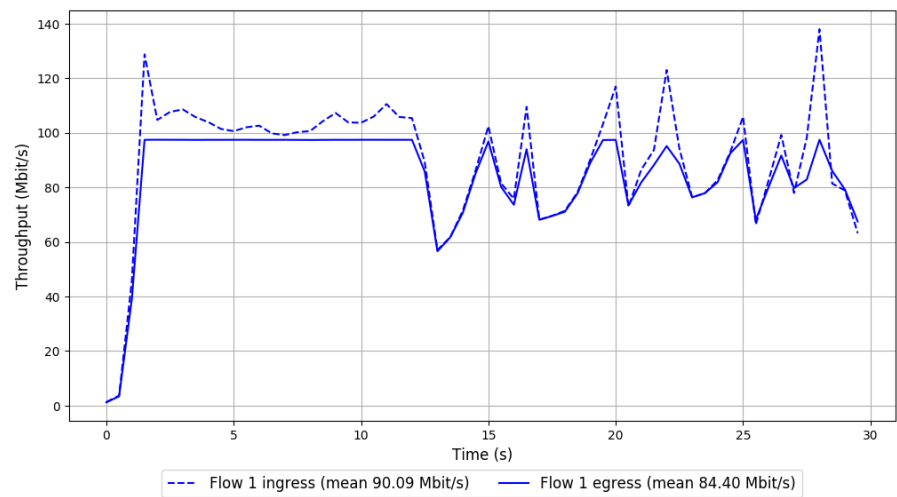
-- Flow 1:

Average throughput: 84.40 Mbit/s

95th percentile per-packet one-way delay: 63.250 ms

Loss rate: 6.31%

Run 9: Report of Vivace-loss — Data Link



Run 10: Statistics of Vivace-loss

Start at: 2018-02-04 11:49:51

End at: 2018-02-04 11:50:21

Local clock offset: 1.019 ms

Remote clock offset: 2.004 ms

Below is generated by plot.py at 2018-02-04 12:59:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.78 Mbit/s

95th percentile per-packet one-way delay: 63.298 ms

Loss rate: 7.05%

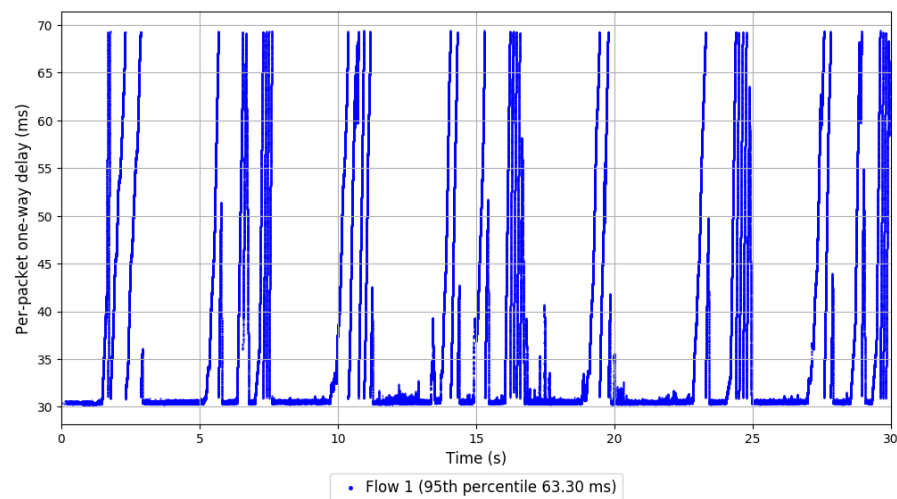
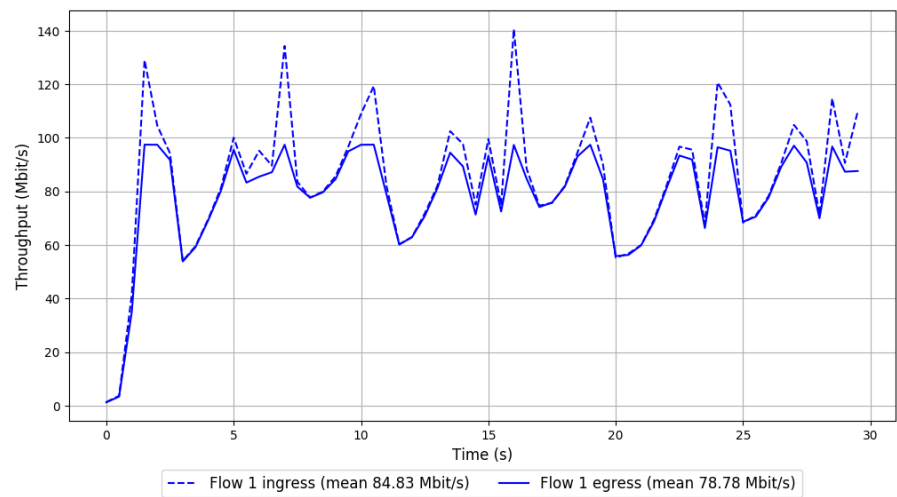
-- Flow 1:

Average throughput: 78.78 Mbit/s

95th percentile per-packet one-way delay: 63.298 ms

Loss rate: 7.05%

Run 10: Report of Vivace-loss — Data Link



Run 1: Statistics of Vivace-LTE

Start at: 2018-02-04 08:17:53

End at: 2018-02-04 08:18:23

Local clock offset: 1.062 ms

Remote clock offset: 0.593 ms

Below is generated by plot.py at 2018-02-04 12:59:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.44 Mbit/s

95th percentile per-packet one-way delay: 48.672 ms

Loss rate: 0.84%

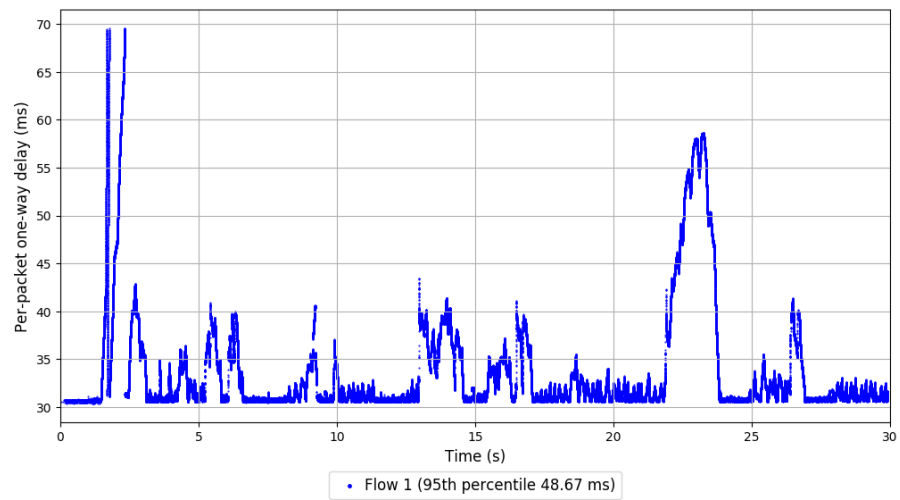
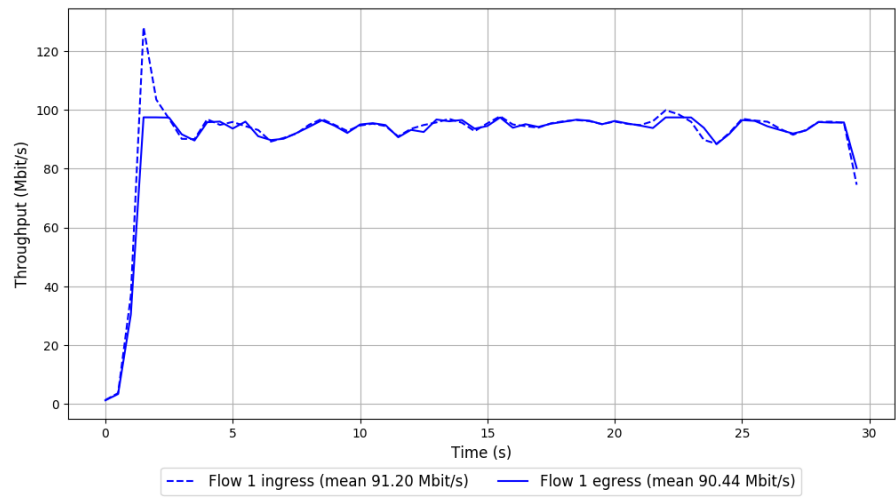
-- Flow 1:

Average throughput: 90.44 Mbit/s

95th percentile per-packet one-way delay: 48.672 ms

Loss rate: 0.84%

Run 1: Report of Vivace-LTE — Data Link



Run 2: Statistics of Vivace-LTE

Start at: 2018-02-04 08:42:12

End at: 2018-02-04 08:42:42

Local clock offset: 1.03 ms

Remote clock offset: 0.228 ms

Below is generated by plot.py at 2018-02-04 13:00:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.31 Mbit/s

95th percentile per-packet one-way delay: 41.830 ms

Loss rate: 0.87%

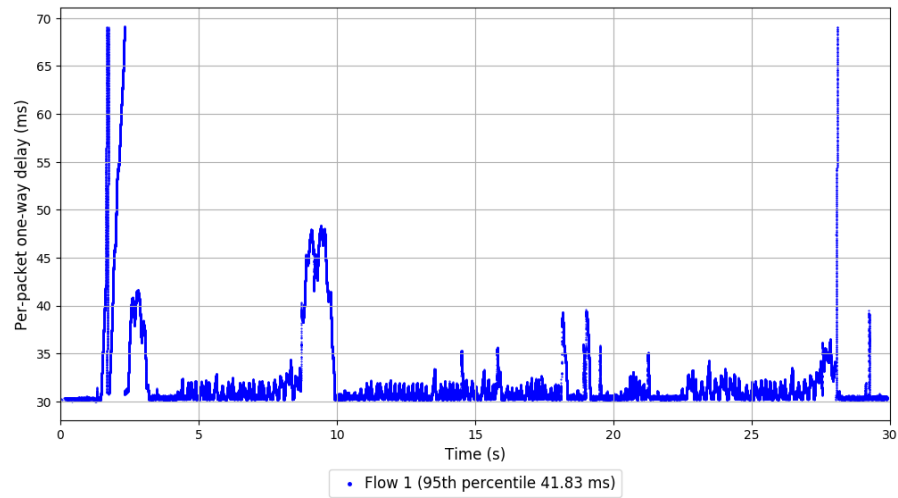
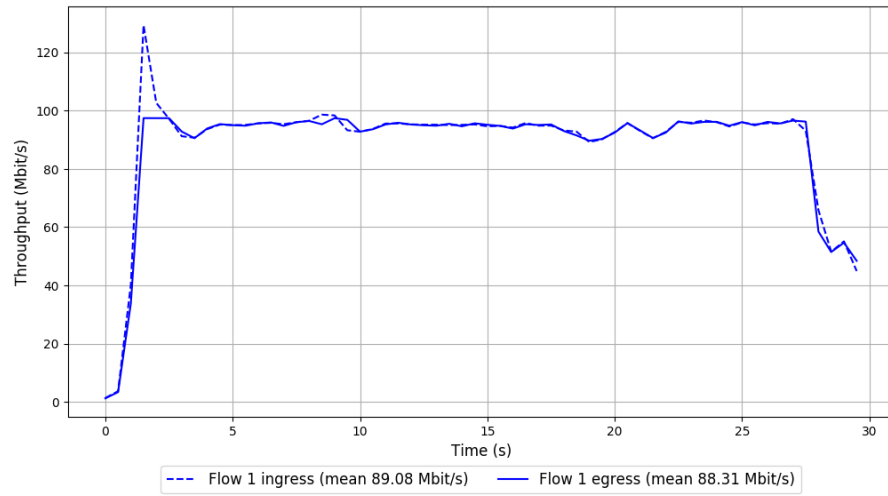
-- Flow 1:

Average throughput: 88.31 Mbit/s

95th percentile per-packet one-way delay: 41.830 ms

Loss rate: 0.87%

Run 2: Report of Vivace-LTE — Data Link



Run 3: Statistics of Vivace-LTE

Start at: 2018-02-04 09:06:14

End at: 2018-02-04 09:06:44

Local clock offset: 0.988 ms

Remote clock offset: 0.473 ms

Below is generated by plot.py at 2018-02-04 13:00:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.75 Mbit/s

95th percentile per-packet one-way delay: 47.857 ms

Loss rate: 1.33%

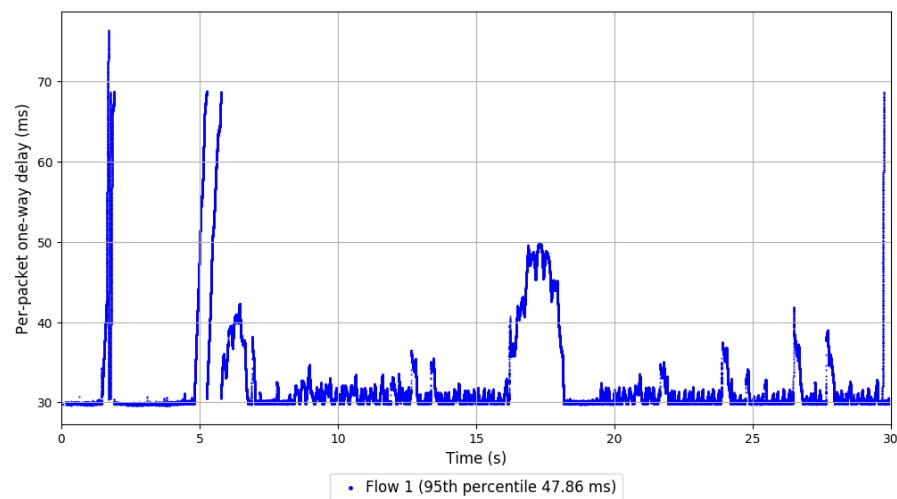
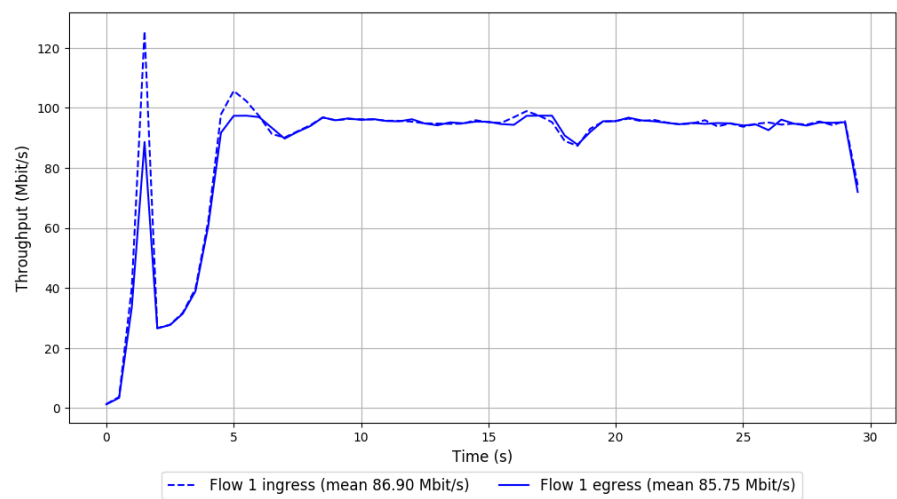
-- Flow 1:

Average throughput: 85.75 Mbit/s

95th percentile per-packet one-way delay: 47.857 ms

Loss rate: 1.33%

Run 3: Report of Vivace-LTE — Data Link



Run 4: Statistics of Vivace-LTE

Start at: 2018-02-04 09:30:07

End at: 2018-02-04 09:30:37

Local clock offset: 0.793 ms

Remote clock offset: 1.486 ms

Below is generated by plot.py at 2018-02-04 13:00:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.77 Mbit/s

95th percentile per-packet one-way delay: 50.971 ms

Loss rate: 1.14%

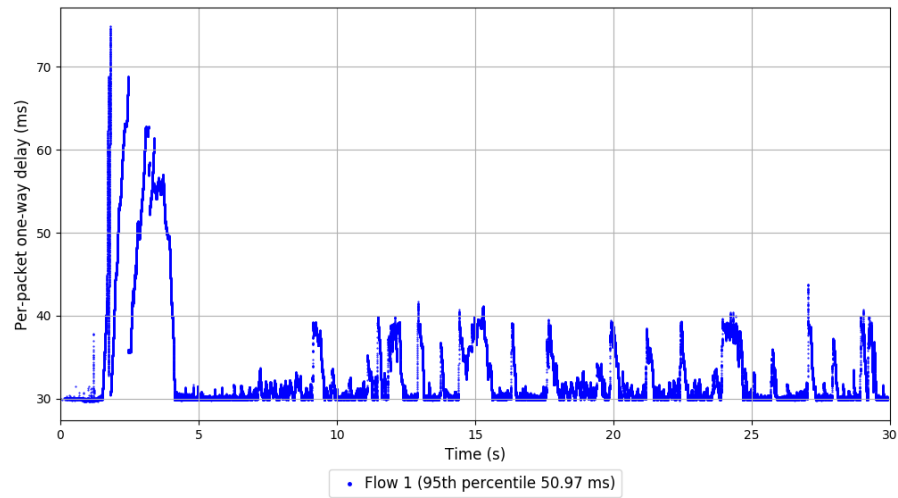
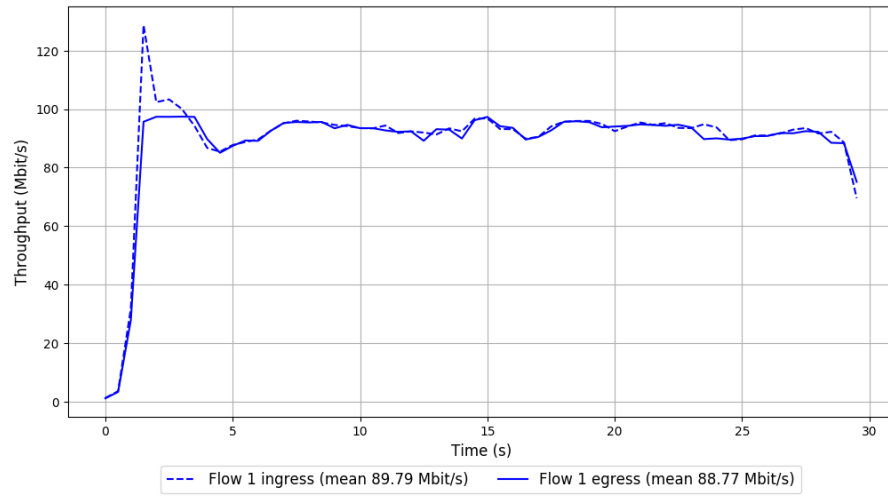
-- Flow 1:

Average throughput: 88.77 Mbit/s

95th percentile per-packet one-way delay: 50.971 ms

Loss rate: 1.14%

Run 4: Report of Vivace-LTE — Data Link



Run 5: Statistics of Vivace-LTE

Start at: 2018-02-04 09:54:11

End at: 2018-02-04 09:54:41

Local clock offset: 0.634 ms

Remote clock offset: 2.198 ms

Below is generated by plot.py at 2018-02-04 13:00:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.11 Mbit/s

95th percentile per-packet one-way delay: 36.294 ms

Loss rate: 0.69%

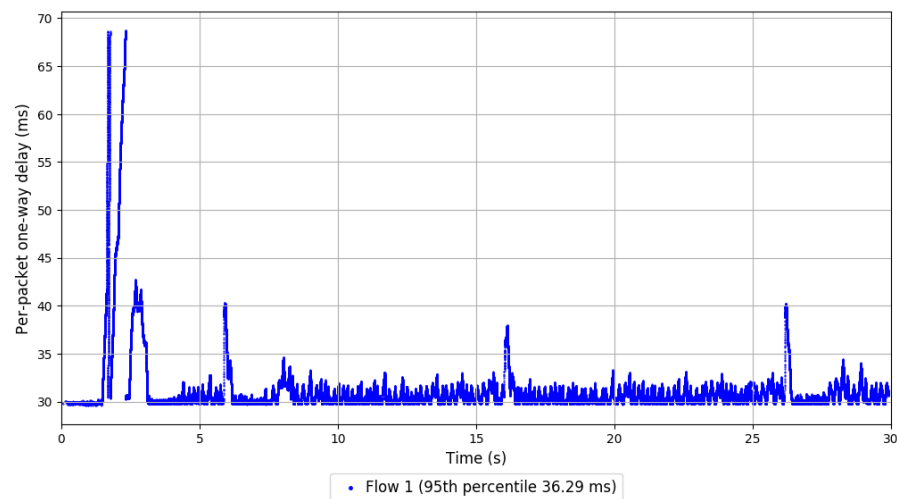
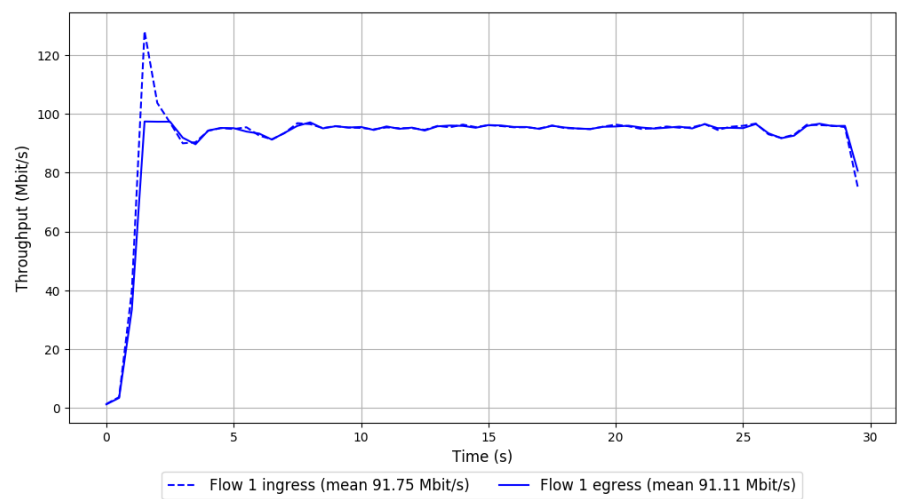
-- Flow 1:

Average throughput: 91.11 Mbit/s

95th percentile per-packet one-way delay: 36.294 ms

Loss rate: 0.69%

Run 5: Report of Vivace-LTE — Data Link



Run 6: Statistics of Vivace-LTE

Start at: 2018-02-04 10:18:04

End at: 2018-02-04 10:18:34

Local clock offset: 0.783 ms

Remote clock offset: 2.24 ms

Below is generated by plot.py at 2018-02-04 13:00:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.51 Mbit/s

95th percentile per-packet one-way delay: 57.205 ms

Loss rate: 0.71%

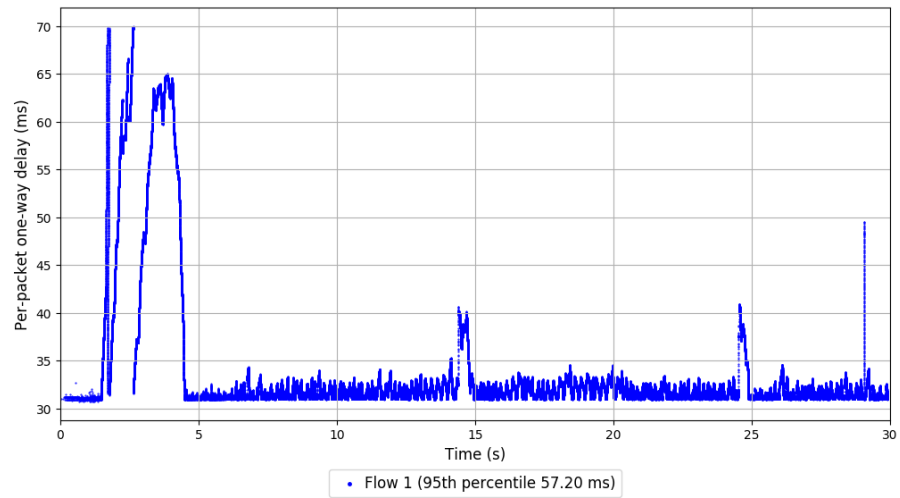
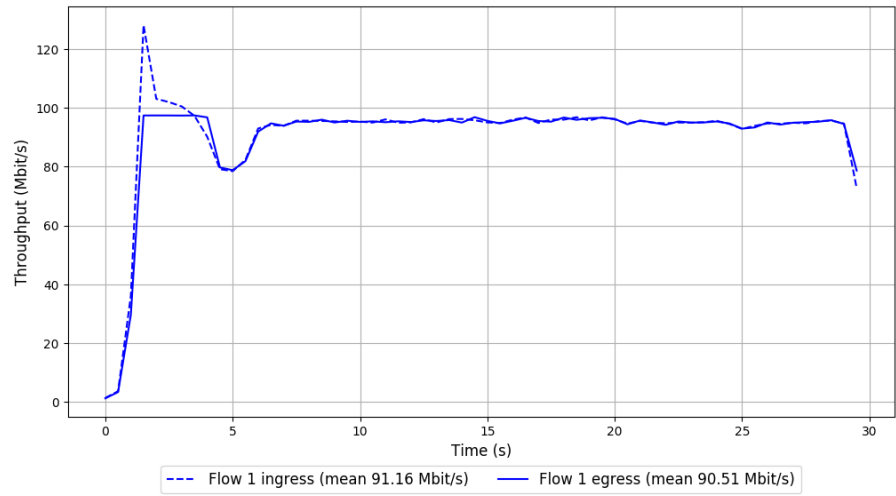
-- Flow 1:

Average throughput: 90.51 Mbit/s

95th percentile per-packet one-way delay: 57.205 ms

Loss rate: 0.71%

Run 6: Report of Vivace-LTE — Data Link



Run 7: Statistics of Vivace-LTE

Start at: 2018-02-04 10:41:59

End at: 2018-02-04 10:42:29

Local clock offset: 0.818 ms

Remote clock offset: 1.991 ms

Below is generated by plot.py at 2018-02-04 13:00:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.50 Mbit/s

95th percentile per-packet one-way delay: 50.010 ms

Loss rate: 0.67%

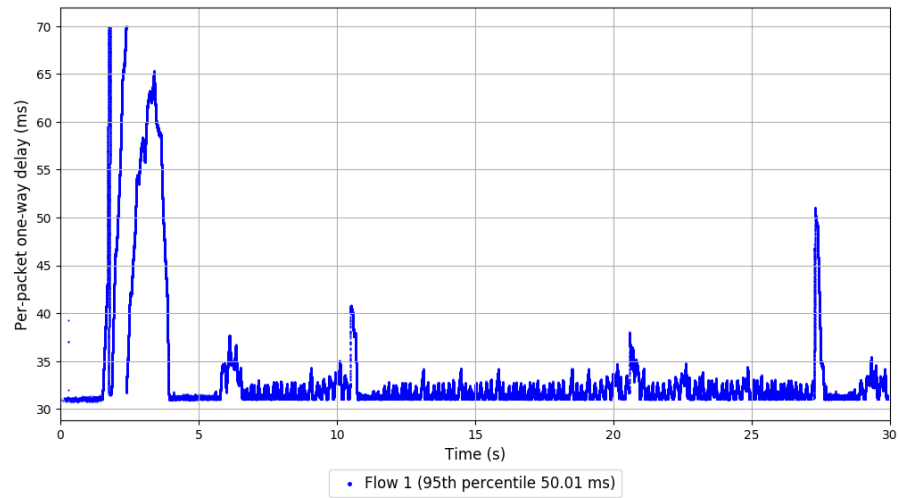
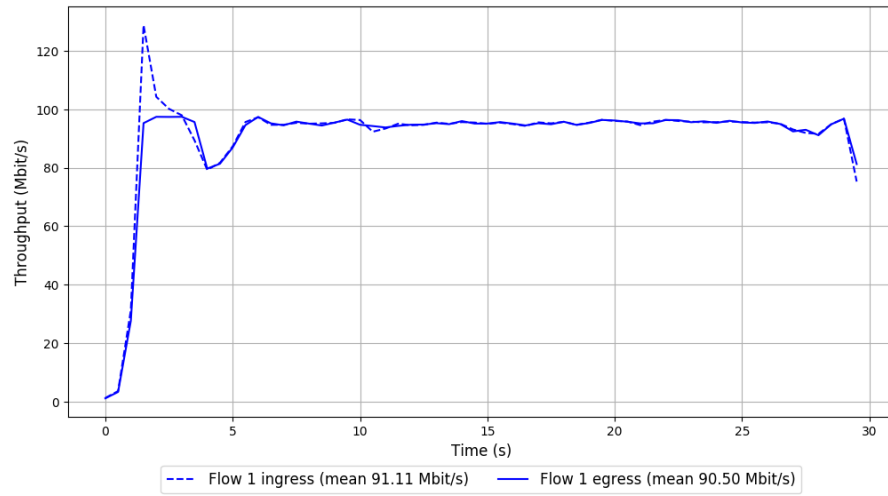
-- Flow 1:

Average throughput: 90.50 Mbit/s

95th percentile per-packet one-way delay: 50.010 ms

Loss rate: 0.67%

Run 7: Report of Vivace-LTE — Data Link

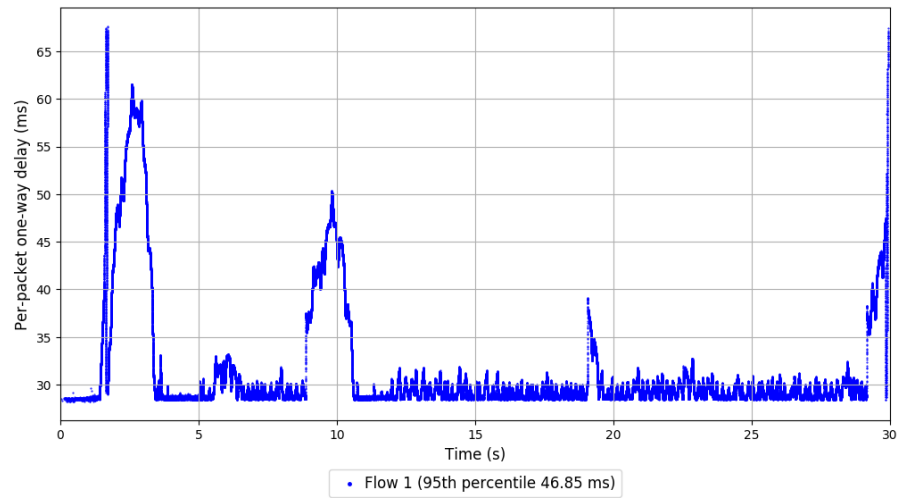
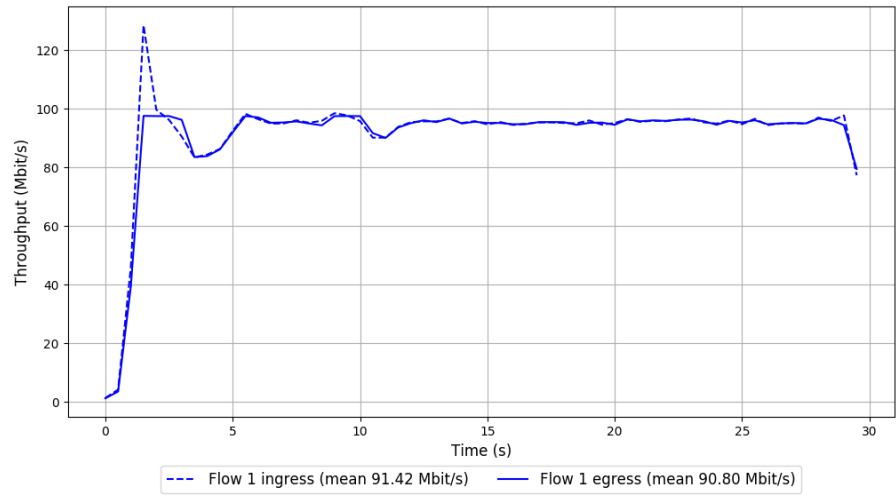


Run 8: Statistics of Vivace-LTE

Start at: 2018-02-04 11:06:00
End at: 2018-02-04 11:06:30
Local clock offset: 1.095 ms
Remote clock offset: -0.646 ms

Below is generated by plot.py at 2018-02-04 13:00:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.80 Mbit/s
95th percentile per-packet one-way delay: 46.846 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 90.80 Mbit/s
95th percentile per-packet one-way delay: 46.846 ms
Loss rate: 0.66%

Run 8: Report of Vivace-LTE — Data Link



Run 9: Statistics of Vivace-LTE

Start at: 2018-02-04 11:29:56

End at: 2018-02-04 11:30:26

Local clock offset: 1.016 ms

Remote clock offset: 1.026 ms

Below is generated by plot.py at 2018-02-04 13:00:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.03 Mbit/s

95th percentile per-packet one-way delay: 48.328 ms

Loss rate: 0.79%

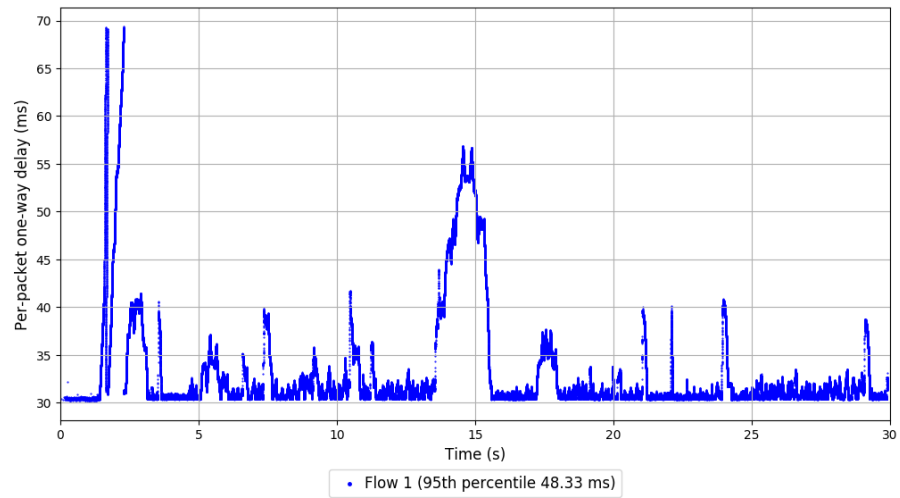
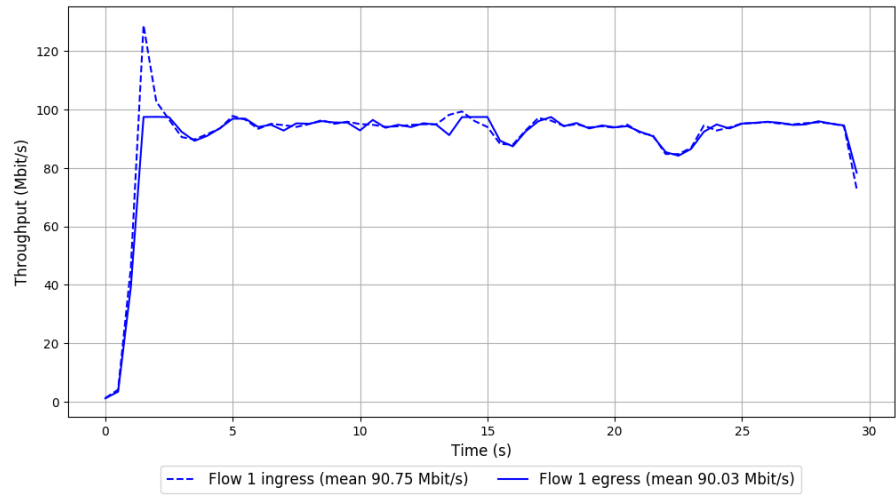
-- Flow 1:

Average throughput: 90.03 Mbit/s

95th percentile per-packet one-way delay: 48.328 ms

Loss rate: 0.79%

Run 9: Report of Vivace-LTE — Data Link



Run 10: Statistics of Vivace-LTE

Start at: 2018-02-04 11:53:54

End at: 2018-02-04 11:54:24

Local clock offset: 1.122 ms

Remote clock offset: 1.556 ms

Below is generated by plot.py at 2018-02-04 13:00:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.77 Mbit/s

95th percentile per-packet one-way delay: 43.855 ms

Loss rate: 0.76%

-- Flow 1:

Average throughput: 89.77 Mbit/s

95th percentile per-packet one-way delay: 43.855 ms

Loss rate: 0.76%

Run 10: Report of Vivace-LTE — Data Link

