

Pantheon Report

Generated at 2018-03-13 09:32:25 (UTC).

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

Repeated the test of 17 congestion control schemes 10 times.

Each test lasted for 30 seconds running 1 flow.

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

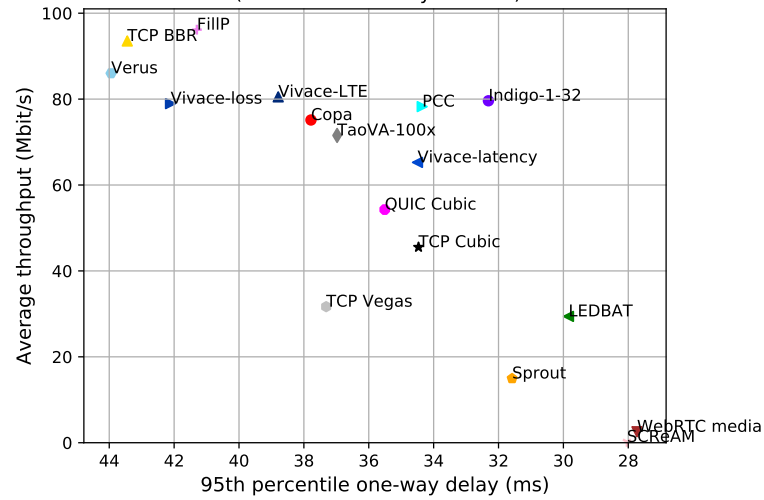
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

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

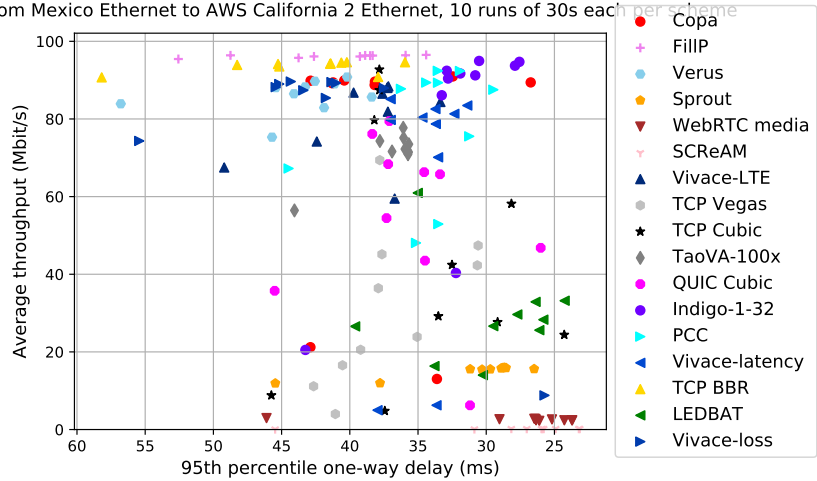
Git summary:

```
branch: master @ f12c42a2c63fdd9a862eefa0468859bf379b6623
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/fillp @ 828bbf95fd4941149b5cec90f281d1c69ae1a5c6
third_party/genericCC @ 9249eea3238475c4d8cca1443d28df70bff6c4a2
third_party/indigo @ a9b2060d39e4da2e8987e893e3eca2a6c7cd0ab9
third_party/indigo-1-layer-128-unit @ 3ae9e4ef4230db7484501f82ce8b377695f2f66d
third_party/indigo-1-layer-32-unit @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/indigo-1-layer-32-unit-no-calib @ 1f3a7f75b41135ed5b540c0fd3505939528e2a5f
third_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ fb1053193c2861da659ba9013db26744ccfcf993
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaeab30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/vivace @ 7a4ba531e75b4a6f66f5c4580192120401784ce3
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

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



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



scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	93.54	43.44	0.58
TCP Cubic	10	45.53	34.47	0.43
LEDBAT	10	29.41	29.84	0.37
PCC	10	78.25	34.35	0.62
QUIC Cubic	10	54.28	35.51	0.50
SCReAM	10	0.20	28.04	0.42
WebRTC media	10	2.54	27.73	0.40
Sprout	10	14.96	31.58	0.51
TaoVA-100x	10	71.54	36.98	0.51
TCP Vegas	10	31.68	37.31	0.46
Verus	10	86.02	43.94	0.76
Copa	10	75.13	37.78	0.66
FillP	10	96.17	41.30	0.62
Indigo-1-32	10	79.61	32.31	0.48
Vivace-latency	10	65.27	34.50	0.59
Vivace-loss	10	78.95	42.11	0.66
Vivace-LTE	10	80.53	38.79	0.66

Run 1: Statistics of TCP BBR

Start at: 2018-03-13 01:07:00

End at: 2018-03-13 01:07:30

Local clock offset: 1.587 ms

Remote clock offset: -0.762 ms

Below is generated by plot.py at 2018-03-13 09:11:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.29 Mbit/s

95th percentile per-packet one-way delay: 41.404 ms

Loss rate: 0.49%

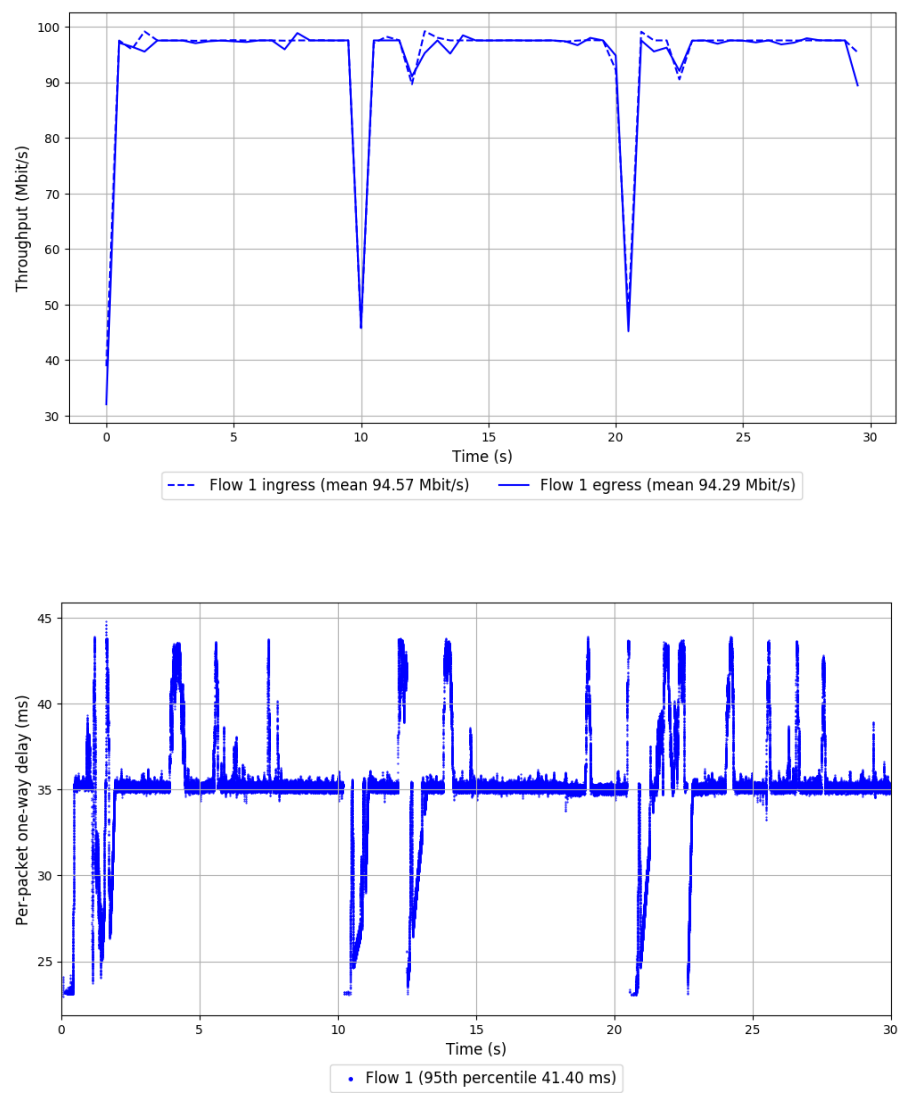
-- Flow 1:

Average throughput: 94.29 Mbit/s

95th percentile per-packet one-way delay: 41.404 ms

Loss rate: 0.49%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2018-03-13 01:31:43

End at: 2018-03-13 01:32:13

Local clock offset: 1.946 ms

Remote clock offset: 0.178 ms

Below is generated by plot.py at 2018-03-13 09:11:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.62 Mbit/s

95th percentile per-packet one-way delay: 40.217 ms

Loss rate: 0.47%

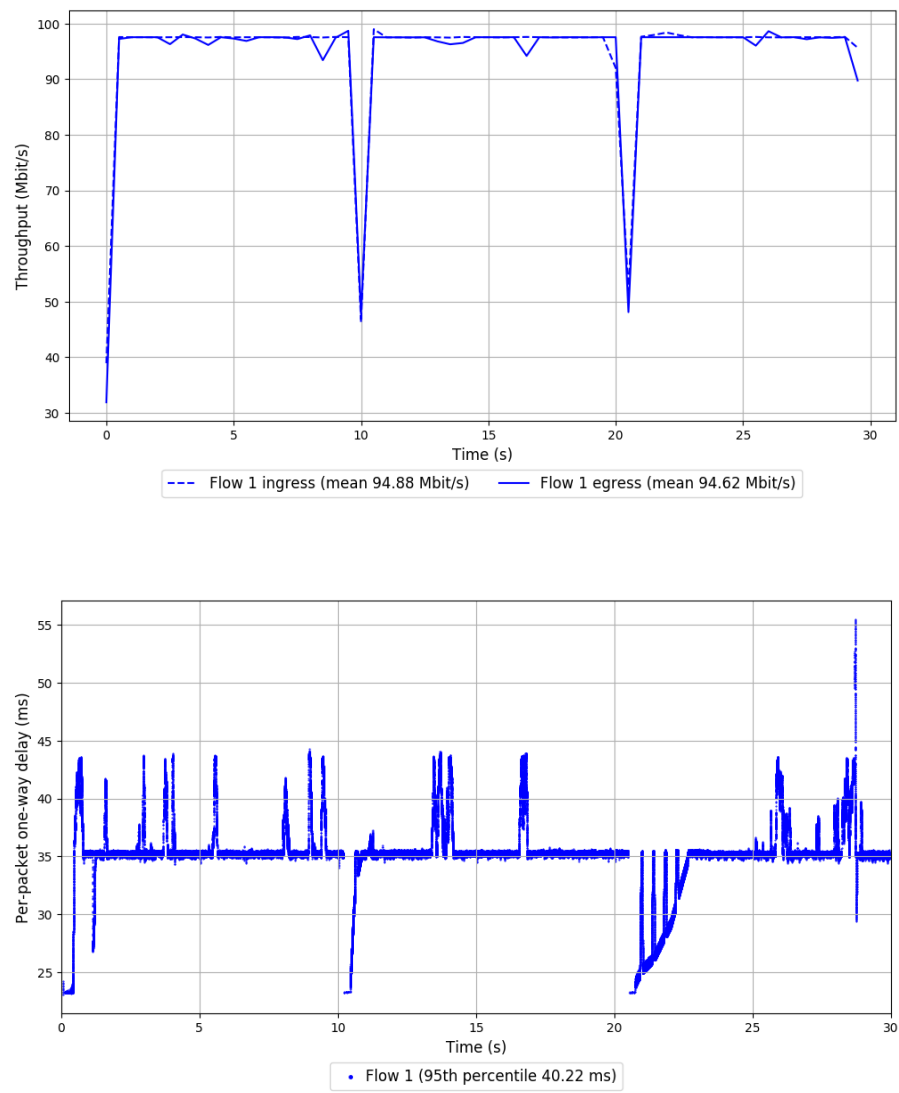
-- Flow 1:

Average throughput: 94.62 Mbit/s

95th percentile per-packet one-way delay: 40.217 ms

Loss rate: 0.47%

Run 2: Report of TCP BBR — Data Link

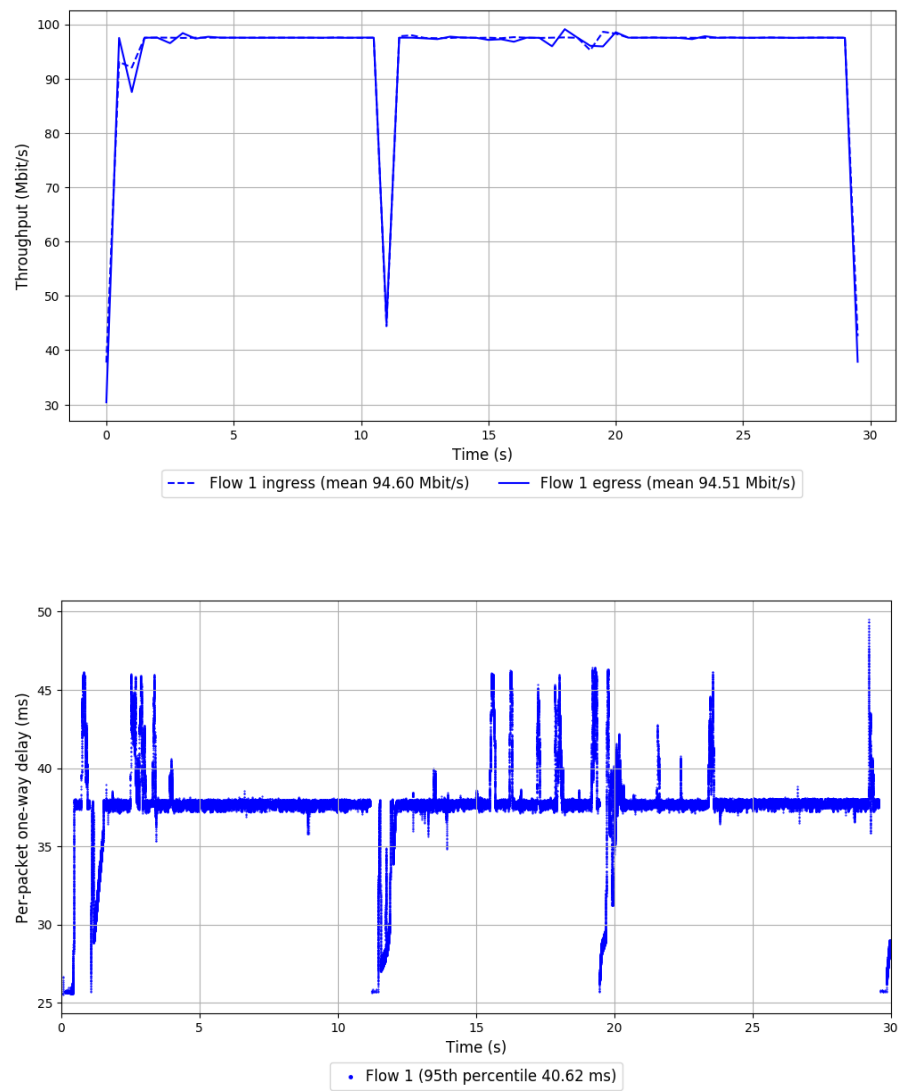


Run 3: Statistics of TCP BBR

Start at: 2018-03-13 01:56:14
End at: 2018-03-13 01:56:44
Local clock offset: 1.085 ms
Remote clock offset: -1.391 ms

Below is generated by plot.py at 2018-03-13 09:11:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.51 Mbit/s
95th percentile per-packet one-way delay: 40.621 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 94.51 Mbit/s
95th percentile per-packet one-way delay: 40.621 ms
Loss rate: 0.27%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2018-03-13 02:20:47

End at: 2018-03-13 02:21:17

Local clock offset: 0.923 ms

Remote clock offset: 0.253 ms

Below is generated by plot.py at 2018-03-13 09:11:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.22 Mbit/s

95th percentile per-packet one-way delay: 41.441 ms

Loss rate: 0.41%

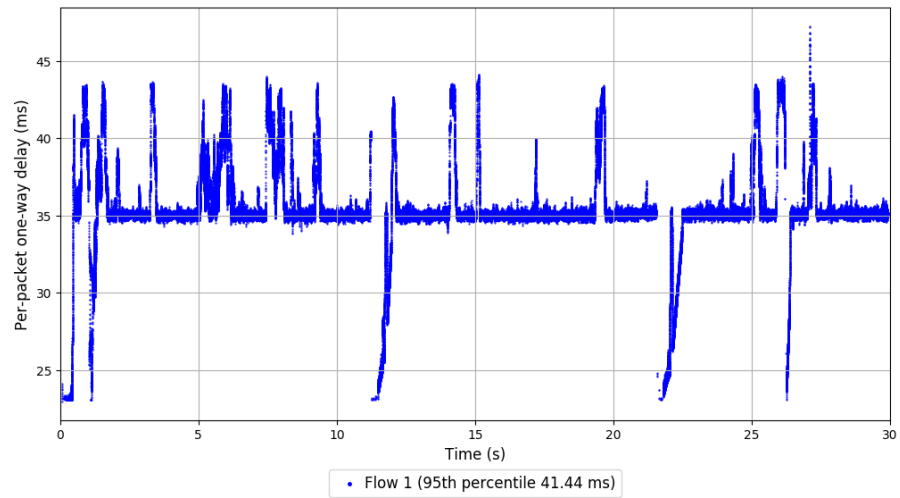
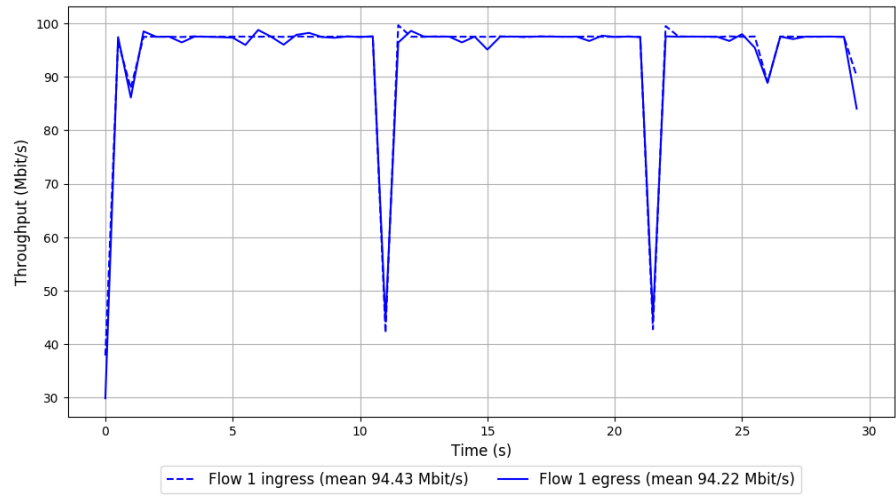
-- Flow 1:

Average throughput: 94.22 Mbit/s

95th percentile per-packet one-way delay: 41.441 ms

Loss rate: 0.41%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2018-03-13 02:44:48

End at: 2018-03-13 02:45:18

Local clock offset: 0.955 ms

Remote clock offset: -3.275 ms

Below is generated by plot.py at 2018-03-13 09:11:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.82 Mbit/s

95th percentile per-packet one-way delay: 37.926 ms

Loss rate: 0.24%

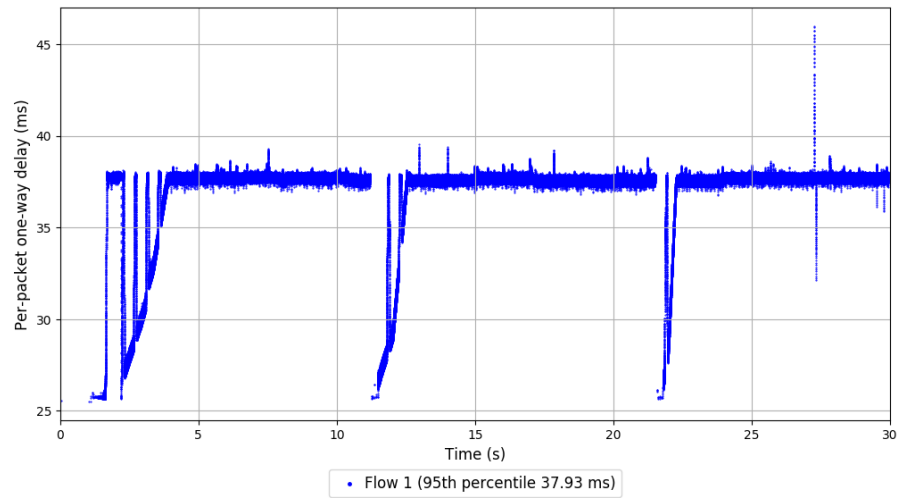
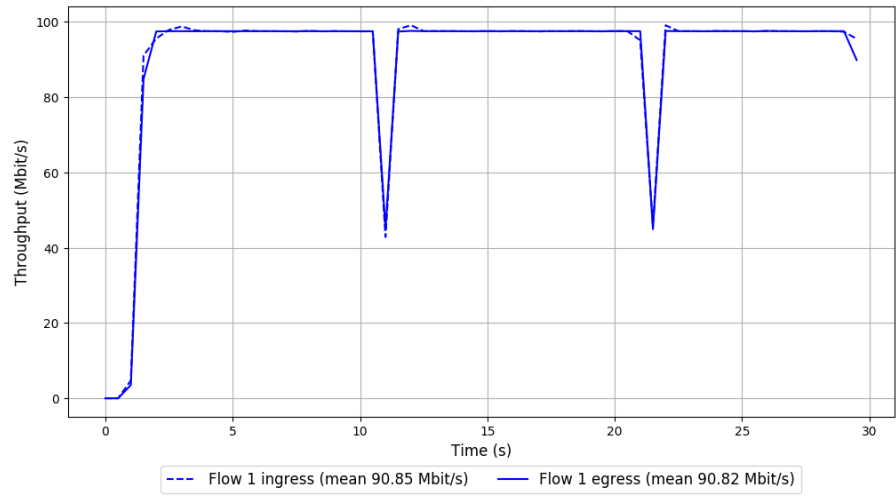
-- Flow 1:

Average throughput: 90.82 Mbit/s

95th percentile per-packet one-way delay: 37.926 ms

Loss rate: 0.24%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: 2018-03-13 03:10:27

End at: 2018-03-13 03:10:57

Local clock offset: 1.138 ms

Remote clock offset: -3.072 ms

Below is generated by plot.py at 2018-03-13 09:11:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.61 Mbit/s

95th percentile per-packet one-way delay: 35.954 ms

Loss rate: 0.29%

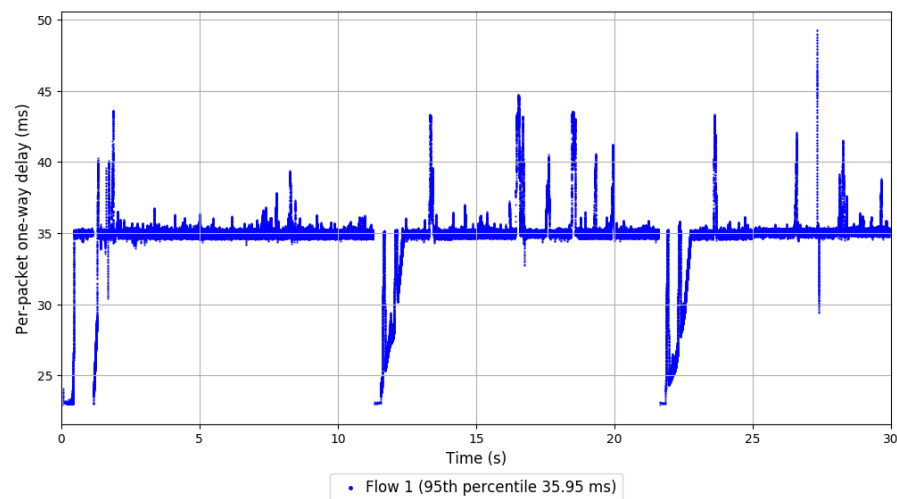
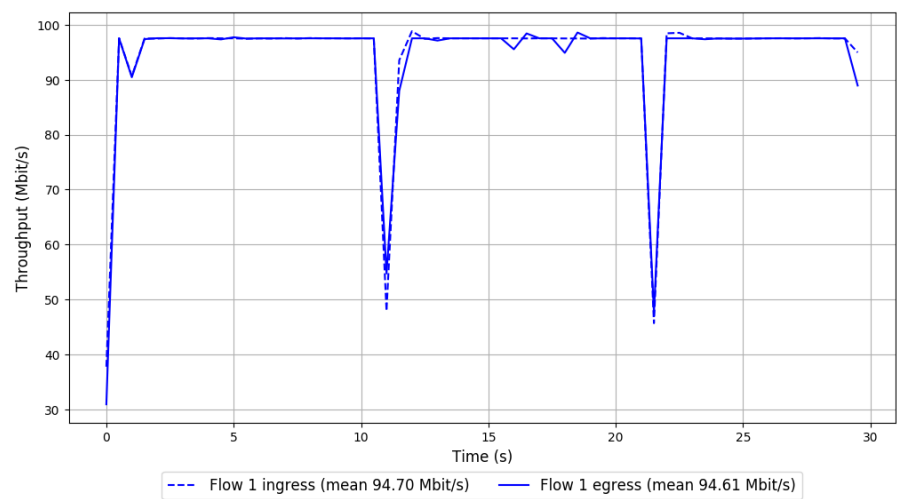
-- Flow 1:

Average throughput: 94.61 Mbit/s

95th percentile per-packet one-way delay: 35.954 ms

Loss rate: 0.29%

Run 6: Report of TCP BBR — Data Link

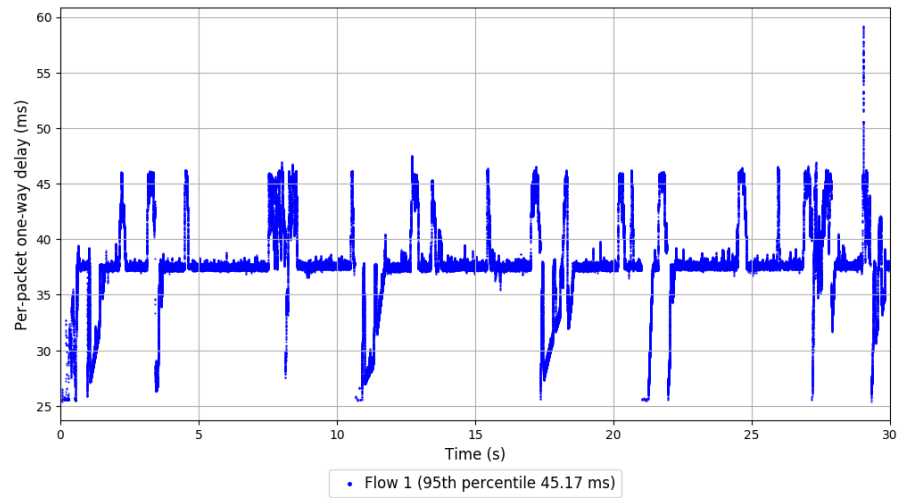
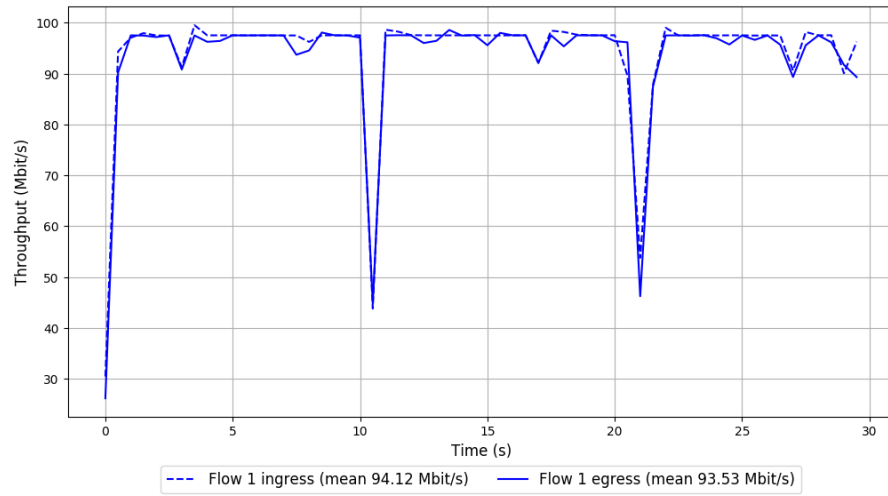


Run 7: Statistics of TCP BBR

Start at: 2018-03-13 03:34:52
End at: 2018-03-13 03:35:22
Local clock offset: 1.183 ms
Remote clock offset: -4.592 ms

Below is generated by plot.py at 2018-03-13 09:11:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.53 Mbit/s
95th percentile per-packet one-way delay: 45.168 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 93.53 Mbit/s
95th percentile per-packet one-way delay: 45.168 ms
Loss rate: 0.82%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: 2018-03-13 03:59:27

End at: 2018-03-13 03:59:57

Local clock offset: 1.19 ms

Remote clock offset: -6.553 ms

Below is generated by plot.py at 2018-03-13 09:11:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.15 Mbit/s

95th percentile per-packet one-way delay: 45.262 ms

Loss rate: 0.93%

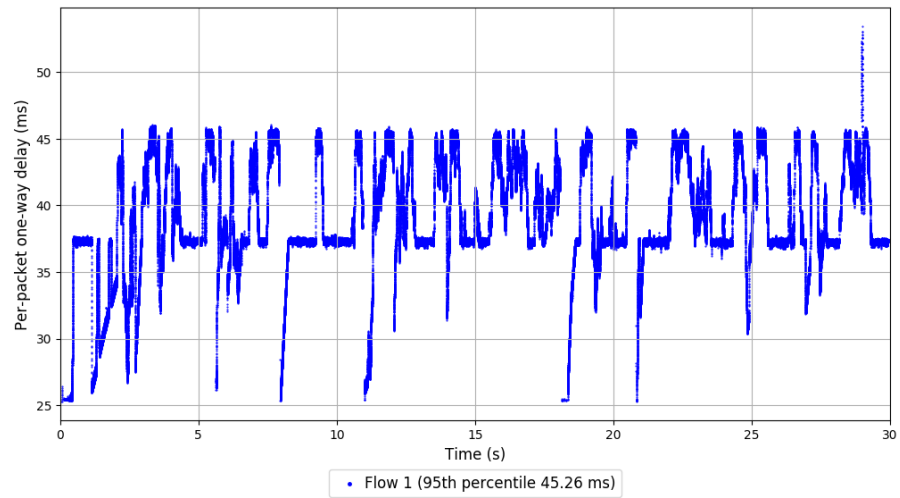
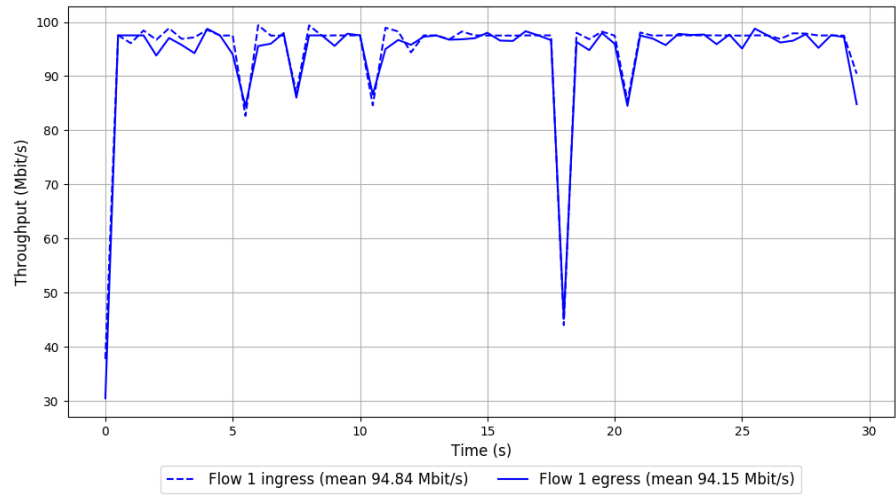
-- Flow 1:

Average throughput: 94.15 Mbit/s

95th percentile per-packet one-way delay: 45.262 ms

Loss rate: 0.93%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: 2018-03-13 04:25:57

End at: 2018-03-13 04:26:27

Local clock offset: 1.267 ms

Remote clock offset: -8.637 ms

Below is generated by plot.py at 2018-03-13 09:12:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.72 Mbit/s

95th percentile per-packet one-way delay: 58.189 ms

Loss rate: 1.35%

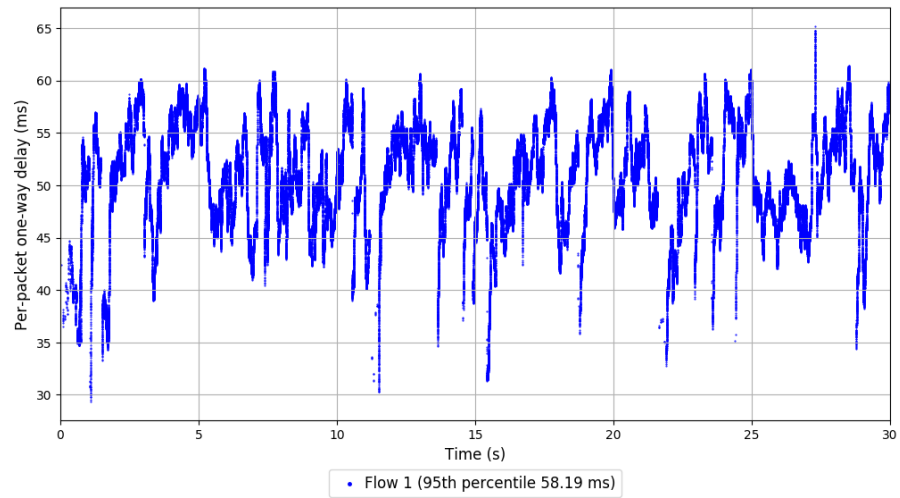
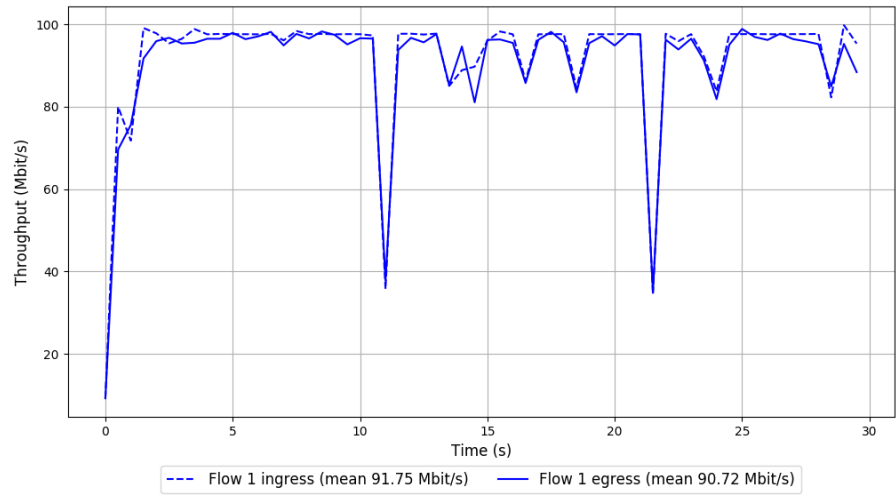
-- Flow 1:

Average throughput: 90.72 Mbit/s

95th percentile per-packet one-way delay: 58.189 ms

Loss rate: 1.35%

Run 9: Report of TCP BBR — Data Link

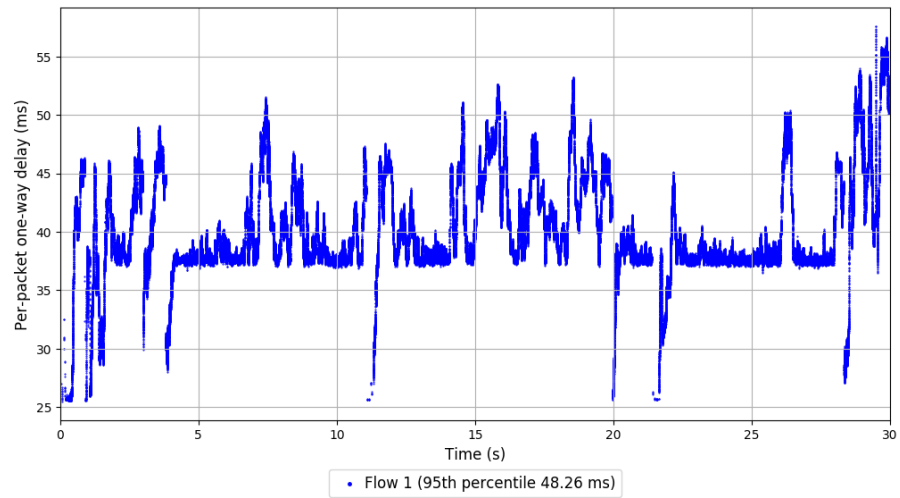
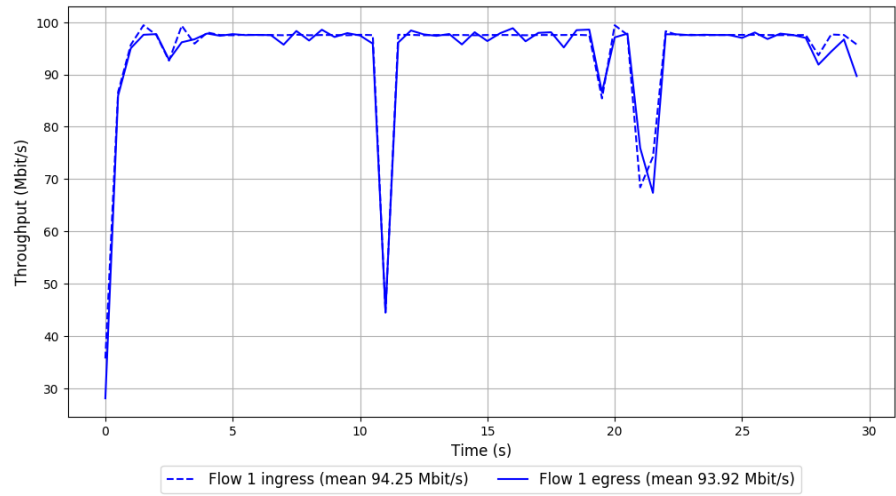


Run 10: Statistics of TCP BBR

Start at: 2018-03-13 04:51:17
End at: 2018-03-13 04:51:47
Local clock offset: 1.361 ms
Remote clock offset: -6.303 ms

Below is generated by plot.py at 2018-03-13 09:13:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.92 Mbit/s
95th percentile per-packet one-way delay: 48.259 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 93.92 Mbit/s
95th percentile per-packet one-way delay: 48.259 ms
Loss rate: 0.55%

Run 10: Report of TCP BBR — Data Link

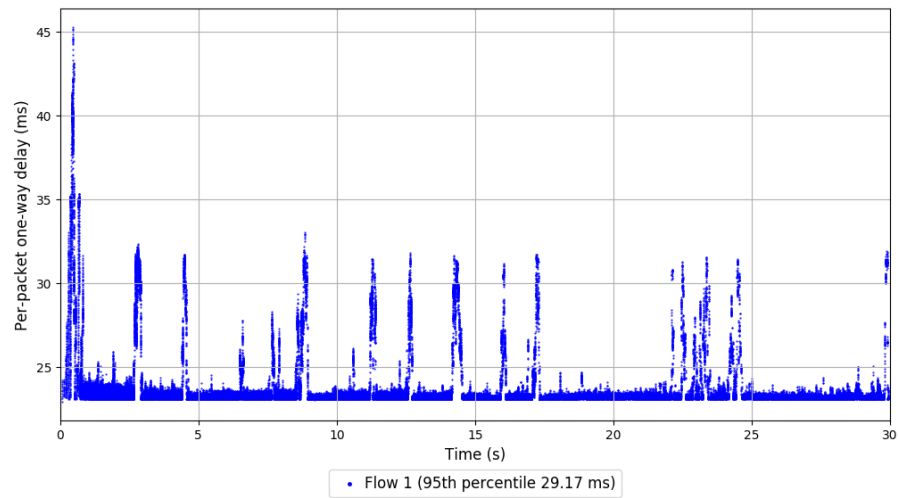
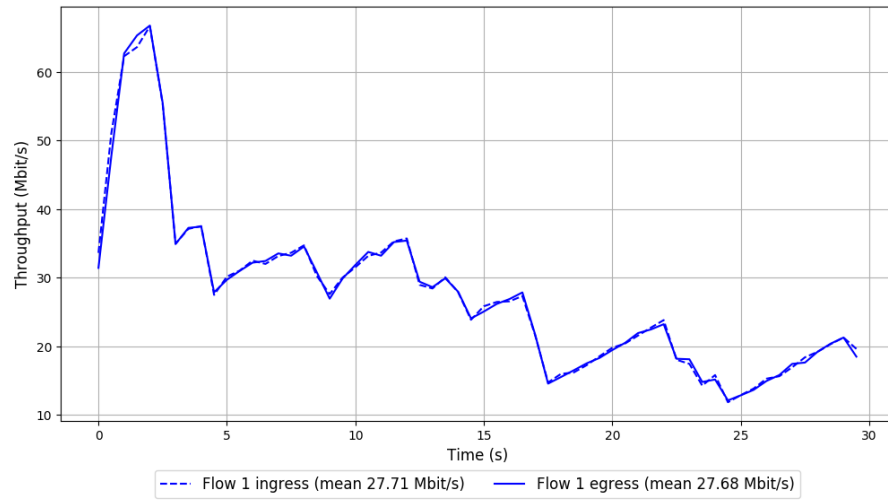


Run 1: Statistics of TCP Cubic

Start at: 2018-03-13 01:11:00
End at: 2018-03-13 01:11:30
Local clock offset: 1.671 ms
Remote clock offset: -0.914 ms

Below is generated by plot.py at 2018-03-13 09:13:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 27.68 Mbit/s
95th percentile per-packet one-way delay: 29.166 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 27.68 Mbit/s
95th percentile per-packet one-way delay: 29.166 ms
Loss rate: 0.28%

Run 1: Report of TCP Cubic — Data Link

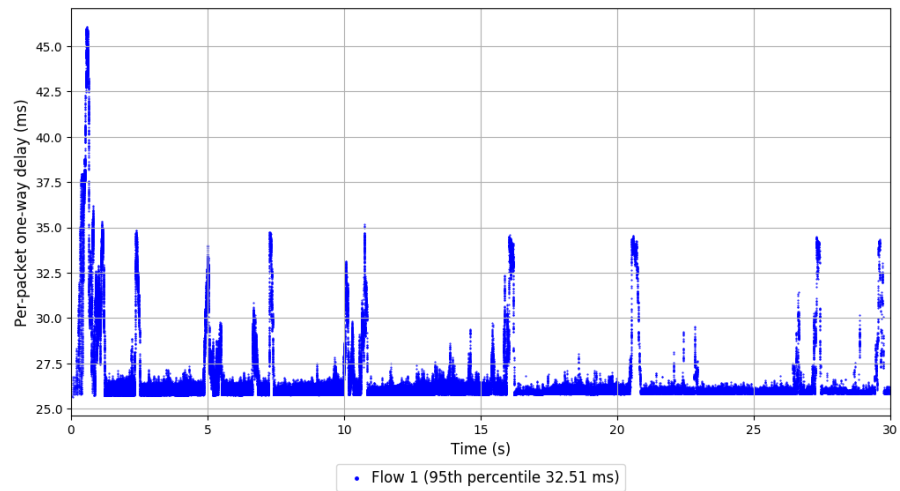
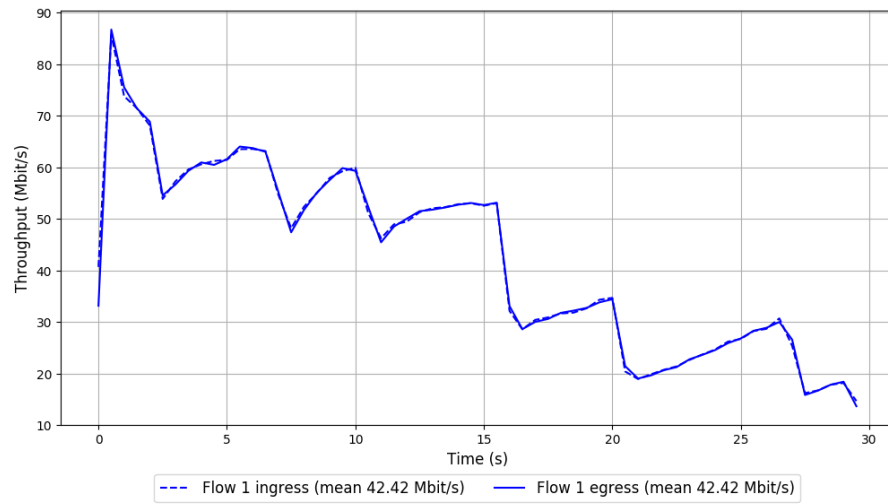


Run 2: Statistics of TCP Cubic

Start at: 2018-03-13 01:35:39
End at: 2018-03-13 01:36:09
Local clock offset: 2.043 ms
Remote clock offset: -1.753 ms

Below is generated by plot.py at 2018-03-13 09:13:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 42.42 Mbit/s
95th percentile per-packet one-way delay: 32.508 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 42.42 Mbit/s
95th percentile per-packet one-way delay: 32.508 ms
Loss rate: 0.18%

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: 2018-03-13 02:00:07

End at: 2018-03-13 02:00:37

Local clock offset: 1.142 ms

Remote clock offset: 1.359 ms

Below is generated by plot.py at 2018-03-13 09:13:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 58.16 Mbit/s

95th percentile per-packet one-way delay: 28.152 ms

Loss rate: 0.24%

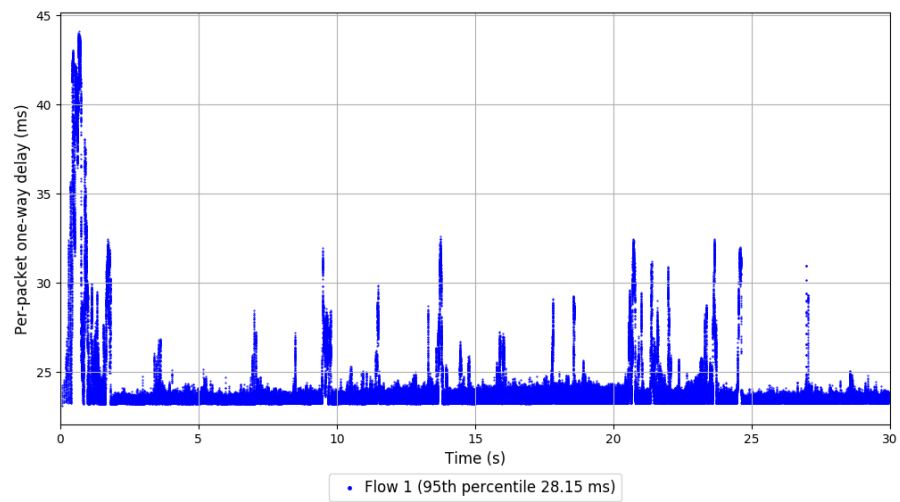
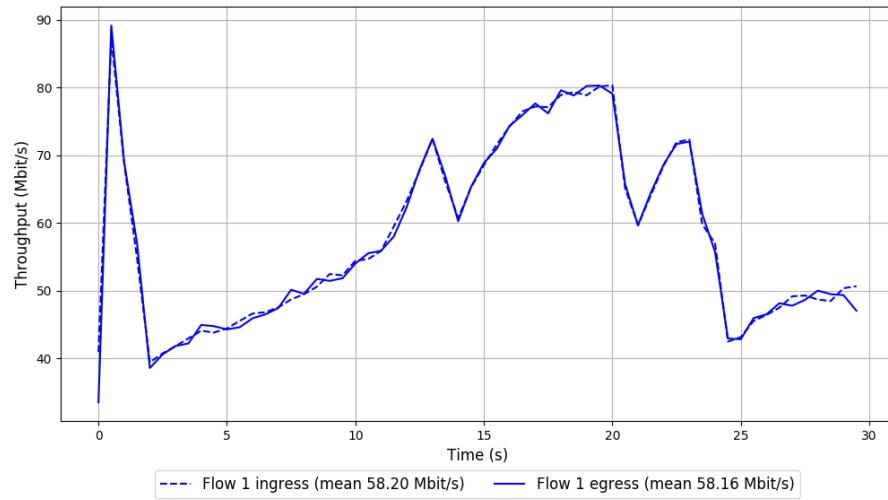
-- Flow 1:

Average throughput: 58.16 Mbit/s

95th percentile per-packet one-way delay: 28.152 ms

Loss rate: 0.24%

Run 3: Report of TCP Cubic — Data Link

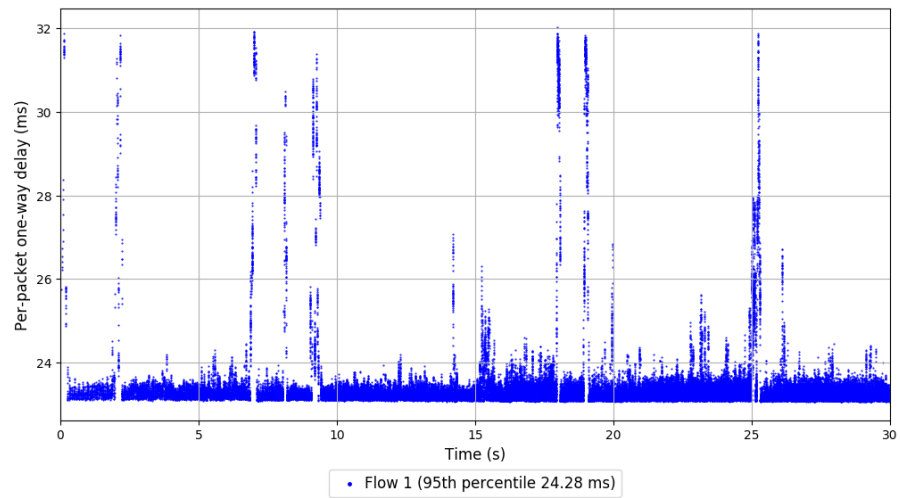
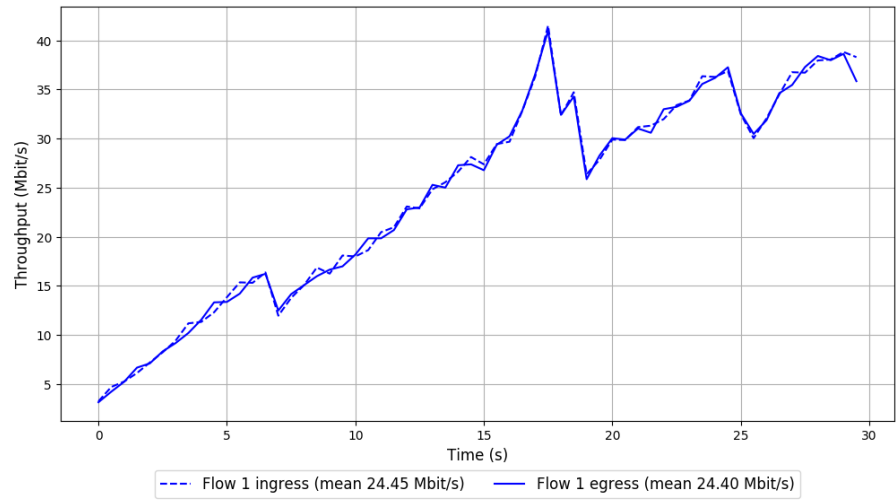


Run 4: Statistics of TCP Cubic

Start at: 2018-03-13 02:24:42
End at: 2018-03-13 02:25:12
Local clock offset: 0.963 ms
Remote clock offset: -0.088 ms

Below is generated by plot.py at 2018-03-13 09:13:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.40 Mbit/s
95th percentile per-packet one-way delay: 24.279 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 24.40 Mbit/s
95th percentile per-packet one-way delay: 24.279 ms
Loss rate: 0.38%

Run 4: Report of TCP Cubic — Data Link

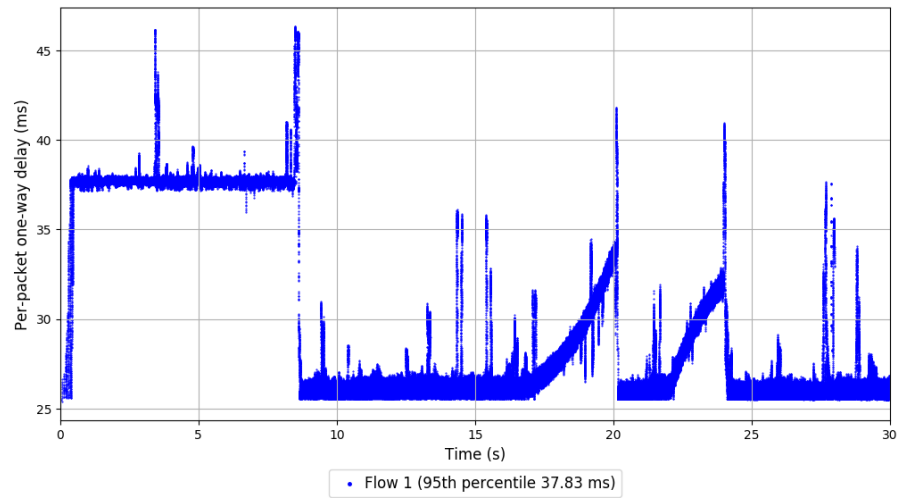
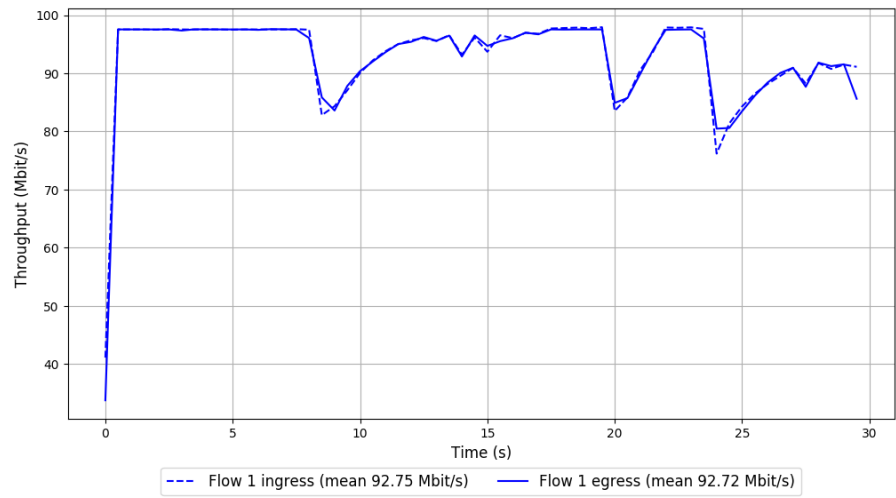


Run 5: Statistics of TCP Cubic

Start at: 2018-03-13 02:50:21
End at: 2018-03-13 02:50:51
Local clock offset: 0.951 ms
Remote clock offset: -4.059 ms

Below is generated by plot.py at 2018-03-13 09:13:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.72 Mbit/s
95th percentile per-packet one-way delay: 37.832 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 92.72 Mbit/s
95th percentile per-packet one-way delay: 37.832 ms
Loss rate: 0.21%

Run 5: Report of TCP Cubic — Data Link

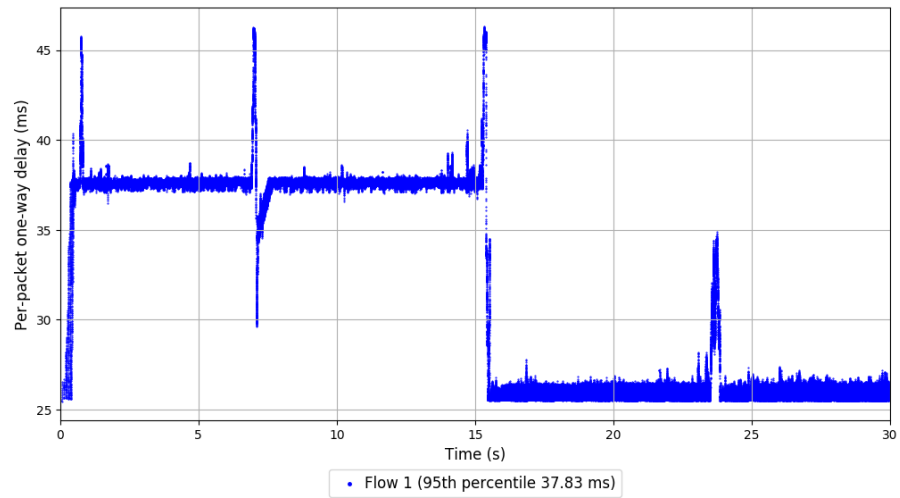
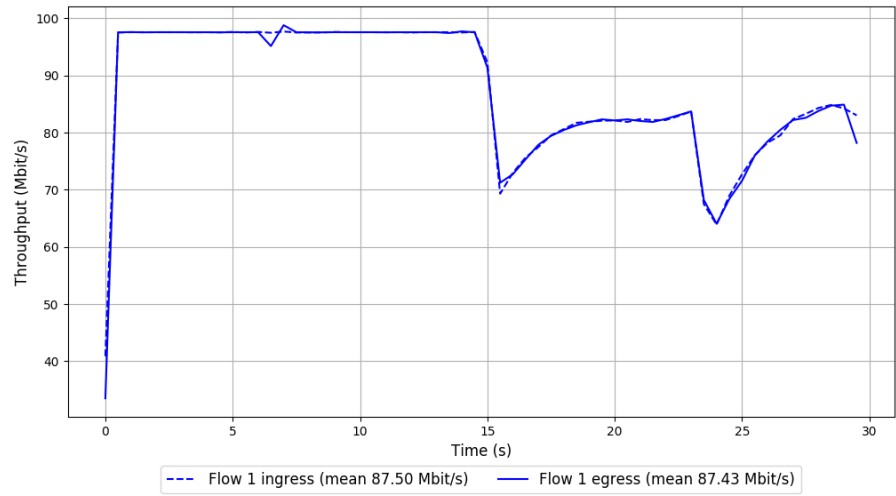


Run 6: Statistics of TCP Cubic

Start at: 2018-03-13 03:14:19
End at: 2018-03-13 03:14:49
Local clock offset: 1.138 ms
Remote clock offset: -5.907 ms

Below is generated by plot.py at 2018-03-13 09:13:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.43 Mbit/s
95th percentile per-packet one-way delay: 37.831 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 87.43 Mbit/s
95th percentile per-packet one-way delay: 37.831 ms
Loss rate: 0.26%

Run 6: Report of TCP Cubic — Data Link

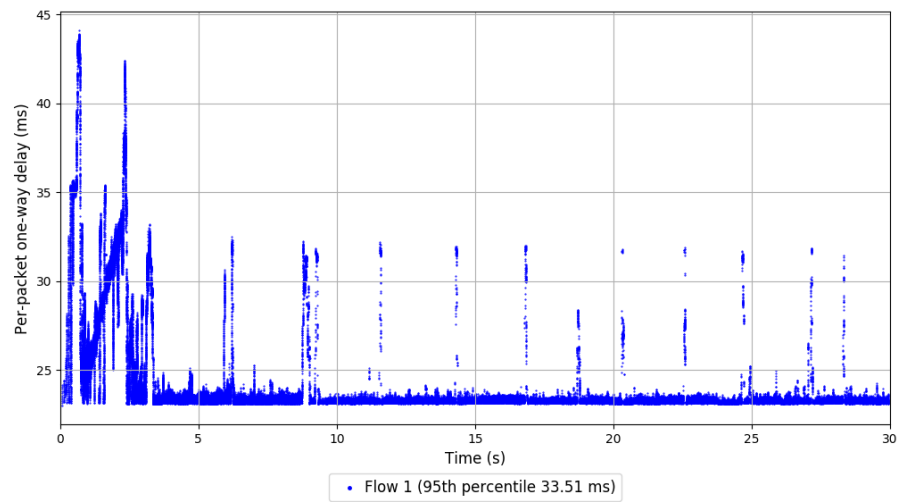
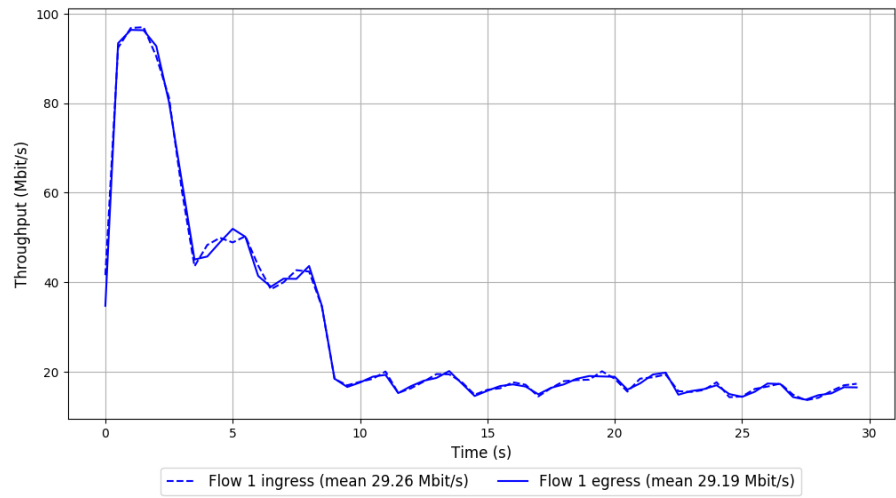


Run 7: Statistics of TCP Cubic

Start at: 2018-03-13 03:38:47
End at: 2018-03-13 03:39:17
Local clock offset: 1.119 ms
Remote clock offset: -2.252 ms

Below is generated by plot.py at 2018-03-13 09:13:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 29.19 Mbit/s
95th percentile per-packet one-way delay: 33.509 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 29.19 Mbit/s
95th percentile per-packet one-way delay: 33.509 ms
Loss rate: 0.41%

Run 7: Report of TCP Cubic — Data Link

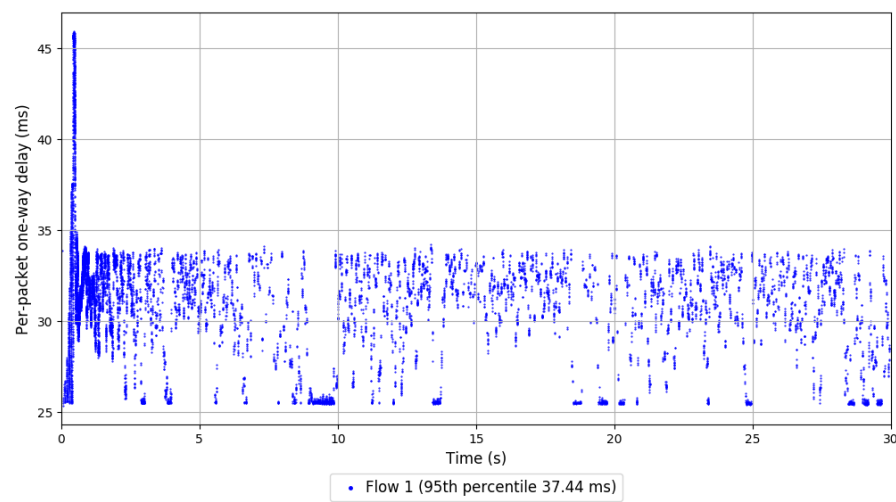
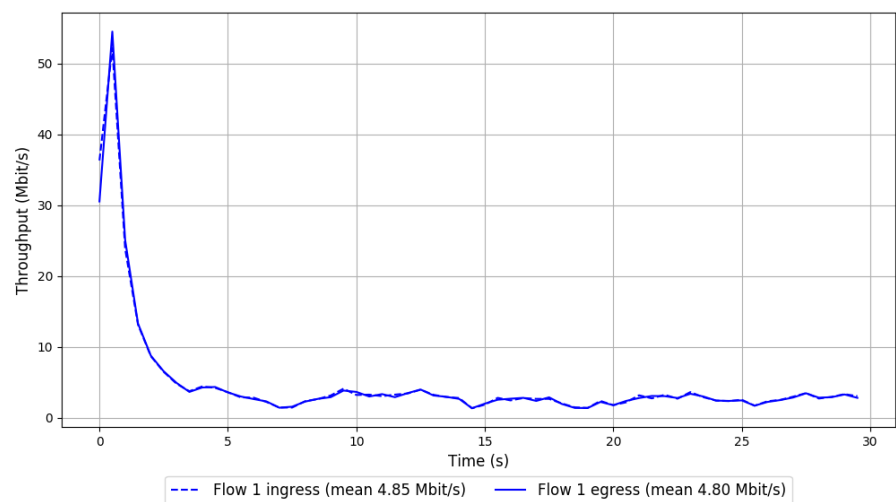


Run 8: Statistics of TCP Cubic

Start at: 2018-03-13 04:03:24
End at: 2018-03-13 04:03:54
Local clock offset: 1.252 ms
Remote clock offset: -7.341 ms

Below is generated by plot.py at 2018-03-13 09:13:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.80 Mbit/s
95th percentile per-packet one-way delay: 37.436 ms
Loss rate: 1.14%
-- Flow 1:
Average throughput: 4.80 Mbit/s
95th percentile per-packet one-way delay: 37.436 ms
Loss rate: 1.14%

Run 8: Report of TCP Cubic — Data Link

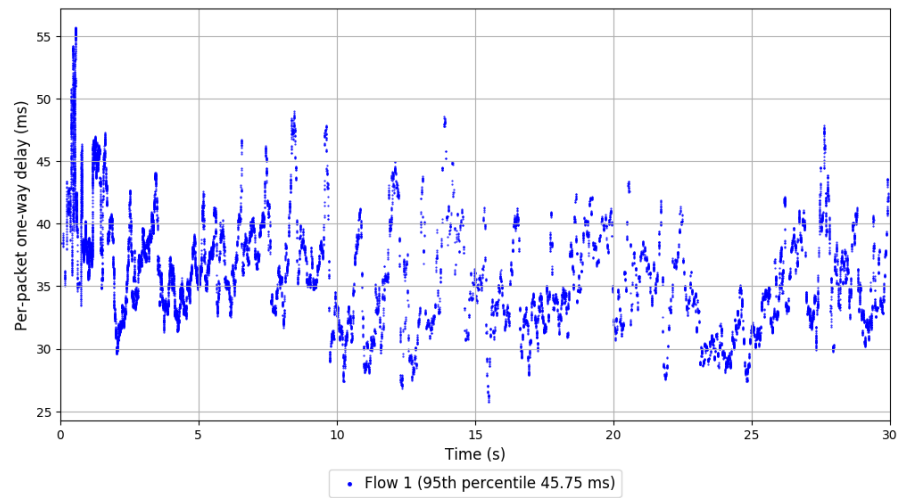
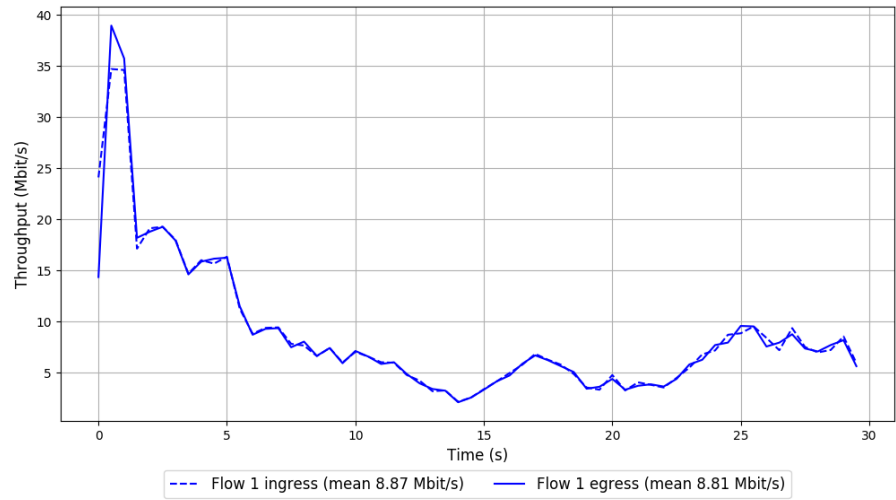


Run 9: Statistics of TCP Cubic

Start at: 2018-03-13 04:30:37
End at: 2018-03-13 04:31:07
Local clock offset: 1.254 ms
Remote clock offset: -8.097 ms

Below is generated by plot.py at 2018-03-13 09:13:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 8.81 Mbit/s
95th percentile per-packet one-way delay: 45.750 ms
Loss rate: 0.95%
-- Flow 1:
Average throughput: 8.81 Mbit/s
95th percentile per-packet one-way delay: 45.750 ms
Loss rate: 0.95%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2018-03-13 04:55:11

End at: 2018-03-13 04:55:41

Local clock offset: 1.311 ms

Remote clock offset: -6.086 ms

Below is generated by plot.py at 2018-03-13 09:13:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.70 Mbit/s

95th percentile per-packet one-way delay: 38.202 ms

Loss rate: 0.25%

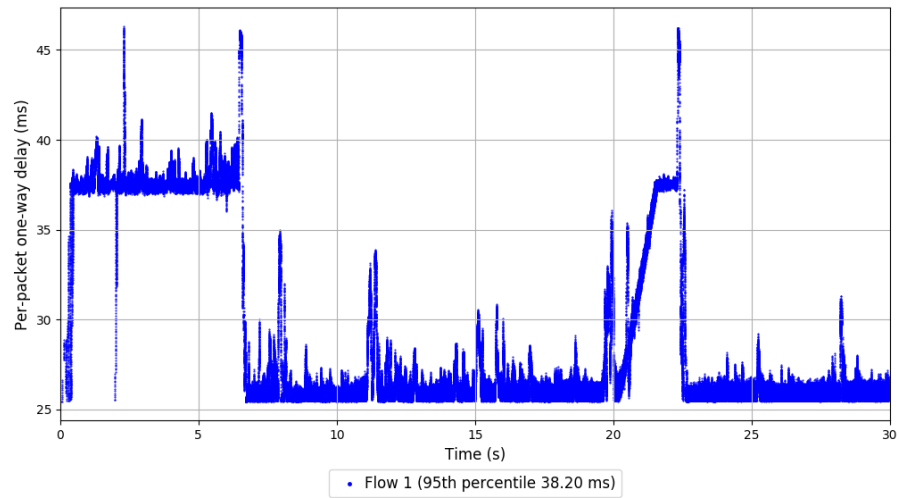
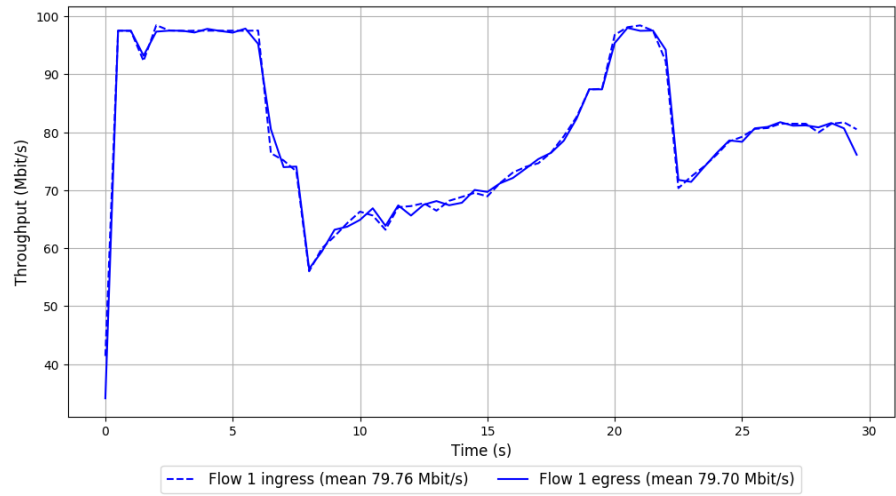
-- Flow 1:

Average throughput: 79.70 Mbit/s

95th percentile per-packet one-way delay: 38.202 ms

Loss rate: 0.25%

Run 10: Report of TCP Cubic — Data Link

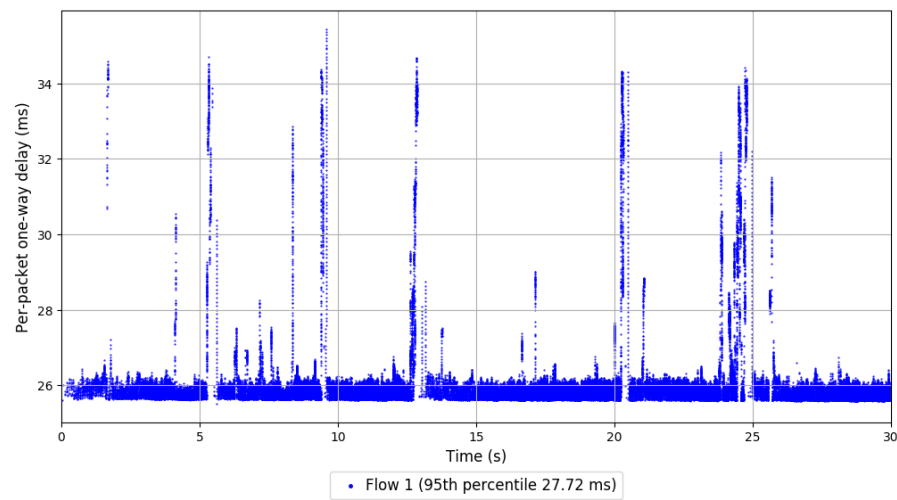
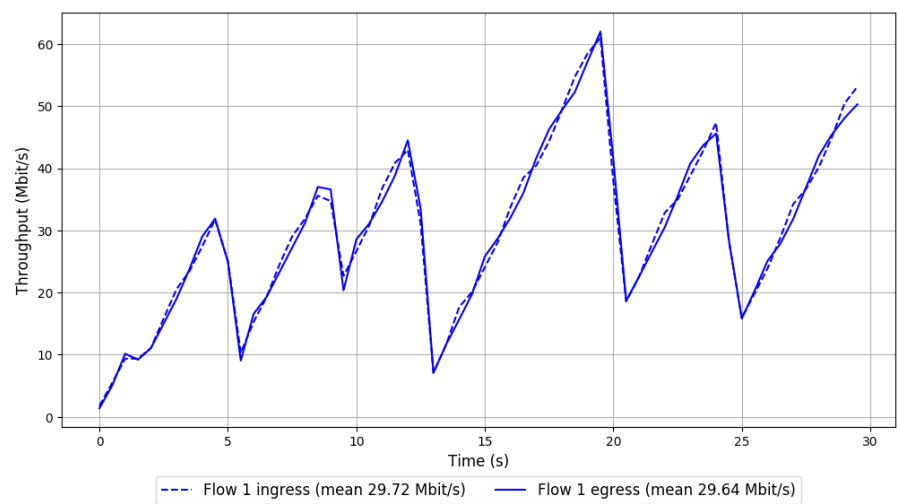


```
Run 1: Statistics of LEDBAT

Start at: 2018-03-13 01:00:09
End at: 2018-03-13 01:00:39
Local clock offset: 1.084 ms
Remote clock offset: -2.997 ms

# Below is generated by plot.py at 2018-03-13 09:13:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 29.64 Mbit/s
95th percentile per-packet one-way delay: 27.721 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 29.64 Mbit/s
95th percentile per-packet one-way delay: 27.721 ms
Loss rate: 0.44%
```

Run 1: Report of LEDBAT — Data Link

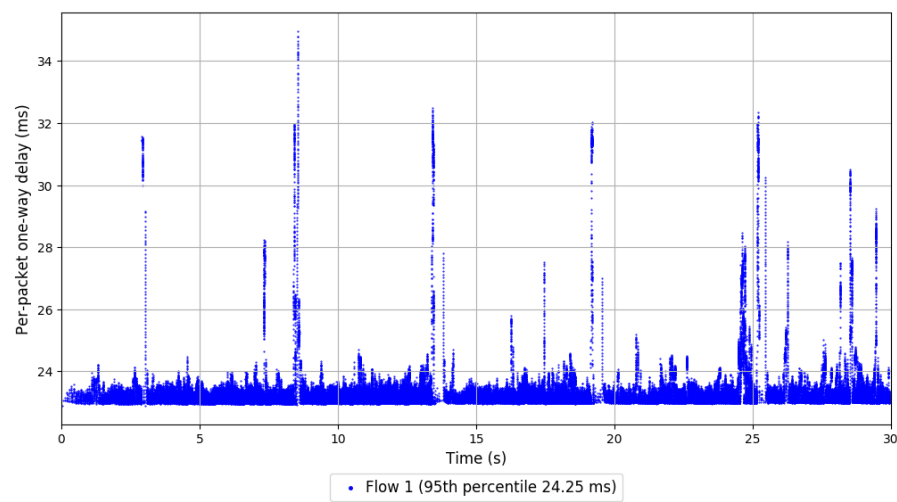
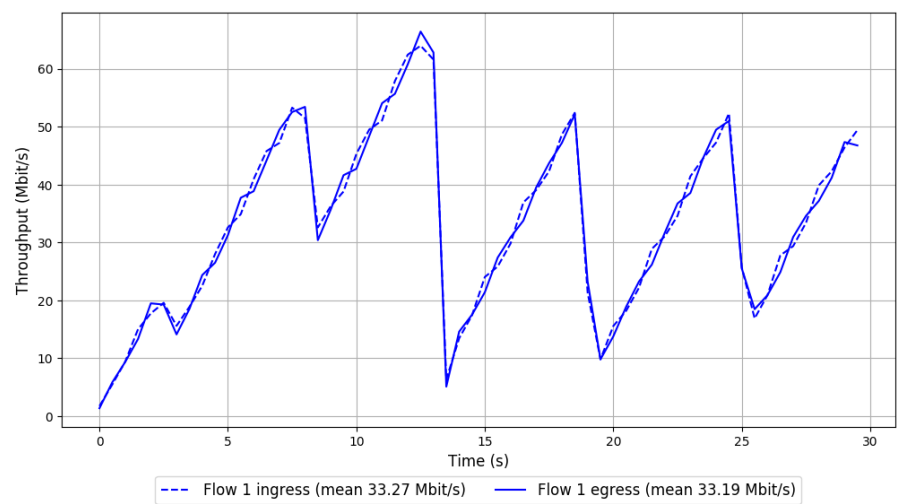


Run 2: Statistics of LEDBAT

Start at: 2018-03-13 01:24:50
End at: 2018-03-13 01:25:20
Local clock offset: 1.861 ms
Remote clock offset: -0.197 ms

Below is generated by plot.py at 2018-03-13 09:13:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 33.19 Mbit/s
95th percentile per-packet one-way delay: 24.254 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 33.19 Mbit/s
95th percentile per-packet one-way delay: 24.254 ms
Loss rate: 0.44%

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: 2018-03-13 01:49:26

End at: 2018-03-13 01:49:56

Local clock offset: 1.306 ms

Remote clock offset: 0.729 ms

Below is generated by plot.py at 2018-03-13 09:13:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 32.89 Mbit/s

95th percentile per-packet one-way delay: 26.385 ms

Loss rate: 0.35%

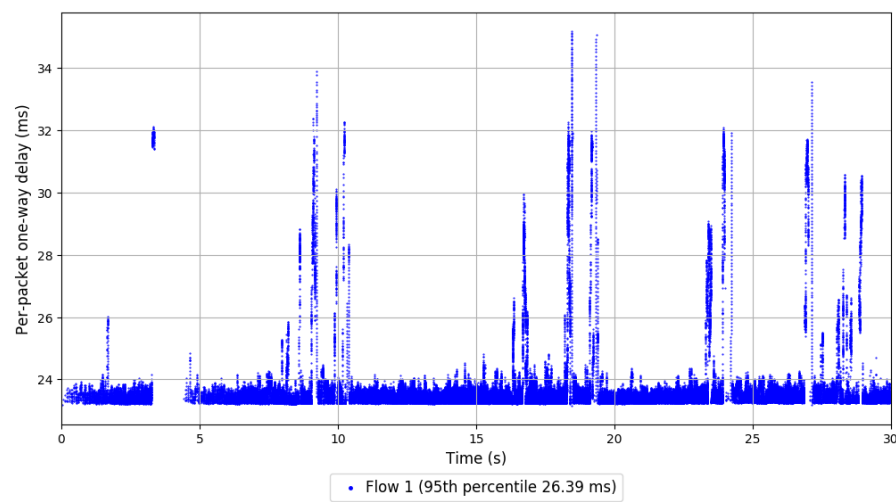
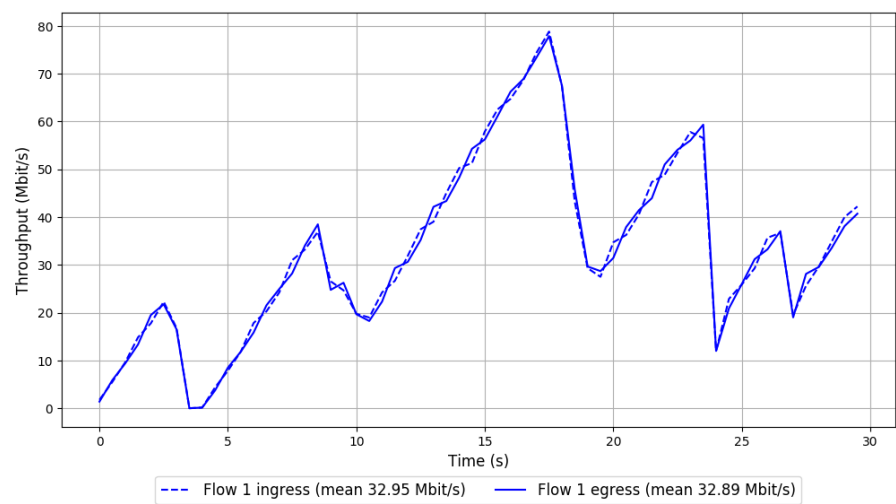
-- Flow 1:

Average throughput: 32.89 Mbit/s

95th percentile per-packet one-way delay: 26.385 ms

Loss rate: 0.35%

Run 3: Report of LEDBAT — Data Link

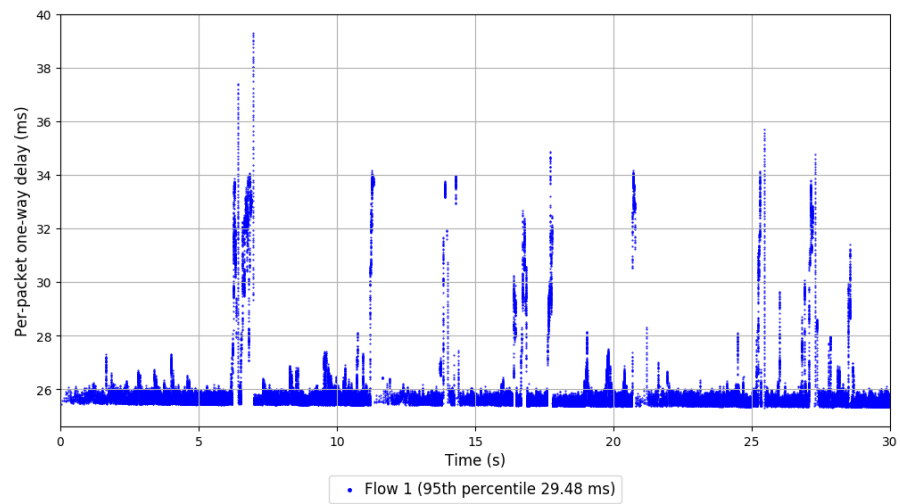
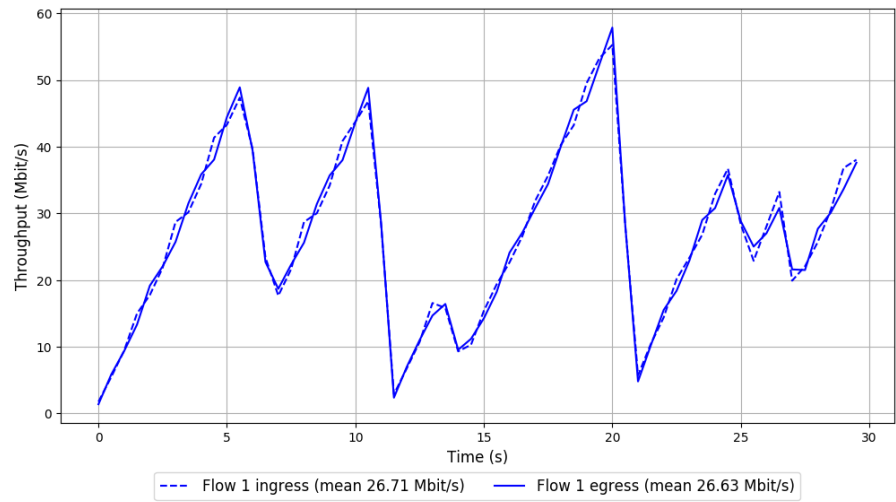


Run 4: Statistics of LEDBAT

Start at: 2018-03-13 02:13:46
End at: 2018-03-13 02:14:17
Local clock offset: 1.061 ms
Remote clock offset: -0.761 ms

Below is generated by plot.py at 2018-03-13 09:13:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 26.63 Mbit/s
95th percentile per-packet one-way delay: 29.483 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 26.63 Mbit/s
95th percentile per-packet one-way delay: 29.483 ms
Loss rate: 0.47%

Run 4: Report of LEDBAT — Data Link

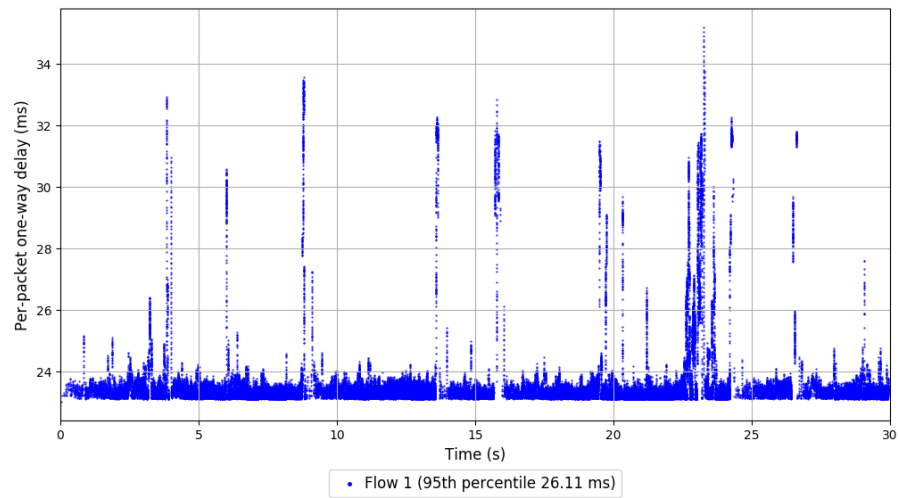
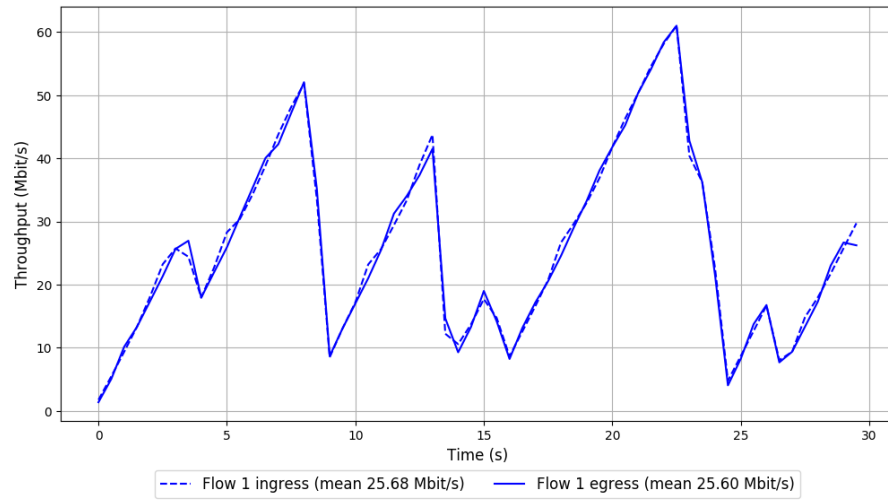


Run 5: Statistics of LEDBAT

Start at: 2018-03-13 02:38:03
End at: 2018-03-13 02:38:33
Local clock offset: 0.926 ms
Remote clock offset: -0.618 ms

Below is generated by plot.py at 2018-03-13 09:13:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 25.60 Mbit/s
95th percentile per-packet one-way delay: 26.109 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 25.60 Mbit/s
95th percentile per-packet one-way delay: 26.109 ms
Loss rate: 0.52%

Run 5: Report of LEDBAT — Data Link

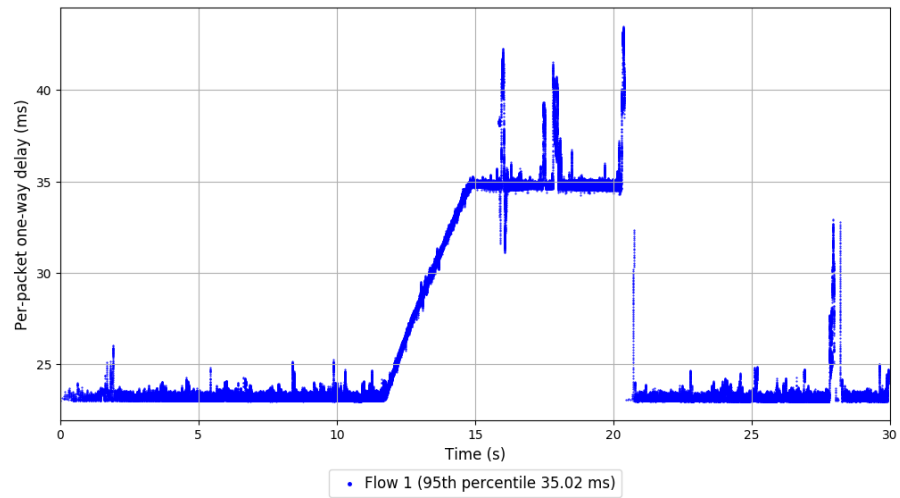
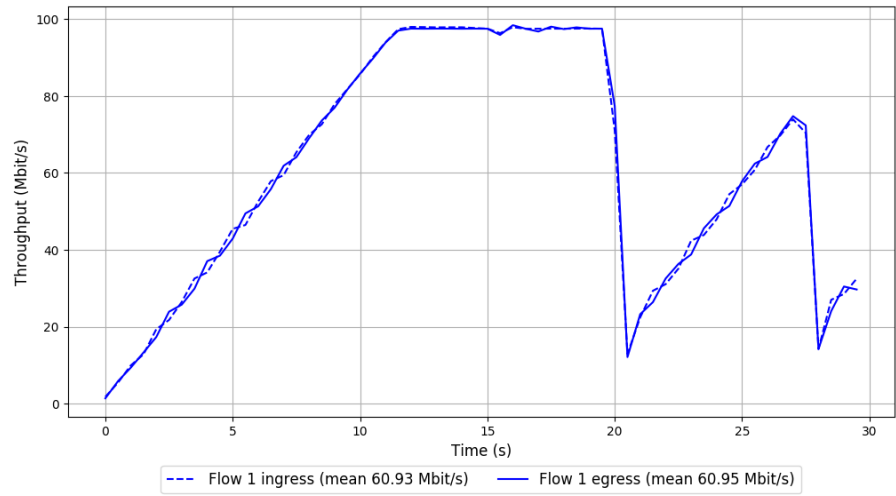


Run 6: Statistics of LEDBAT

Start at: 2018-03-13 03:03:43
End at: 2018-03-13 03:04:13
Local clock offset: 1.088 ms
Remote clock offset: -2.639 ms

Below is generated by plot.py at 2018-03-13 09:13:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 60.95 Mbit/s
95th percentile per-packet one-way delay: 35.020 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 60.95 Mbit/s
95th percentile per-packet one-way delay: 35.020 ms
Loss rate: 0.14%

Run 6: Report of LEDBAT — Data Link

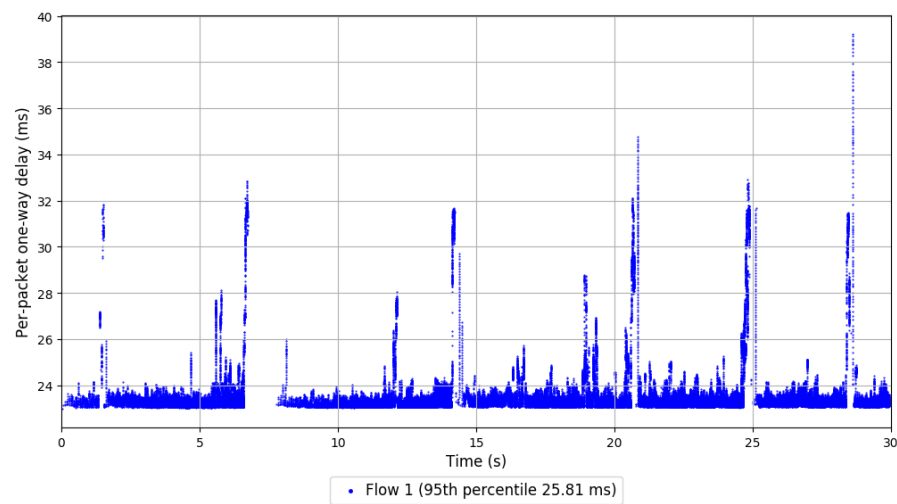
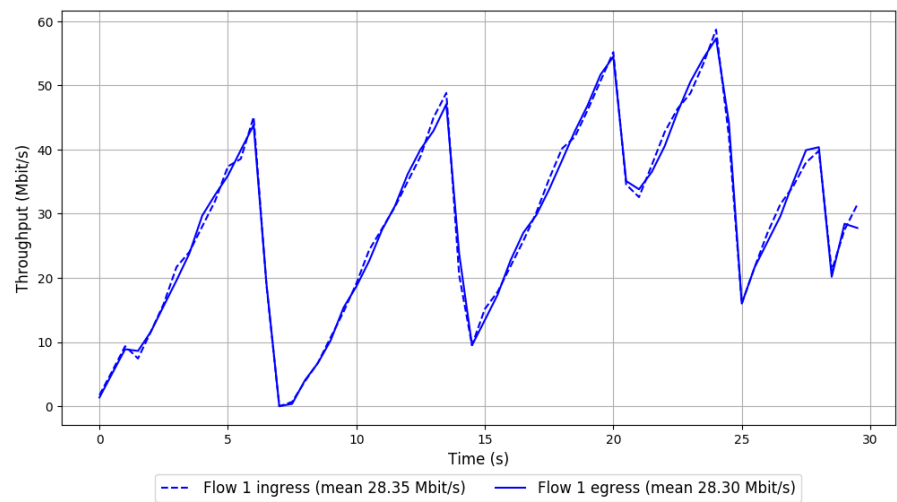


Run 7: Statistics of LEDBAT

Start at: 2018-03-13 03:27:52
End at: 2018-03-13 03:28:22
Local clock offset: 1.033 ms
Remote clock offset: -2.495 ms

Below is generated by plot.py at 2018-03-13 09:13:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 28.30 Mbit/s
95th percentile per-packet one-way delay: 25.814 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 28.30 Mbit/s
95th percentile per-packet one-way delay: 25.814 ms
Loss rate: 0.34%

Run 7: Report of LEDBAT — Data Link

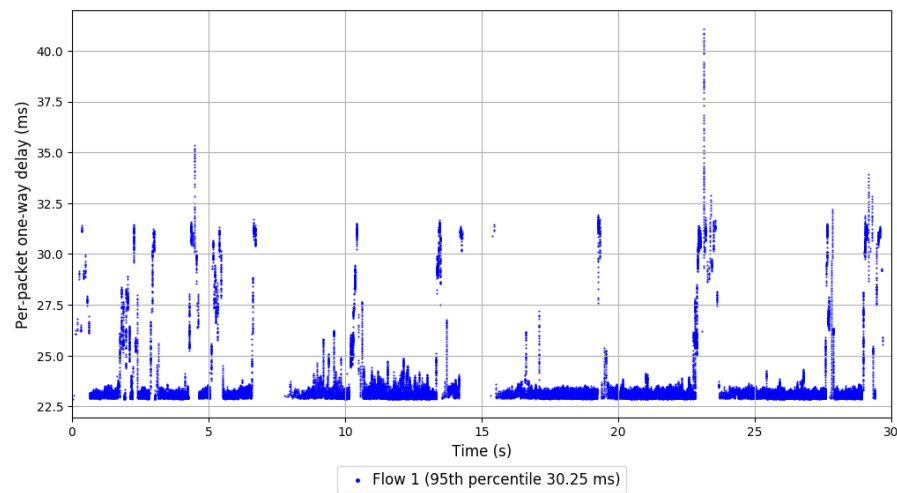
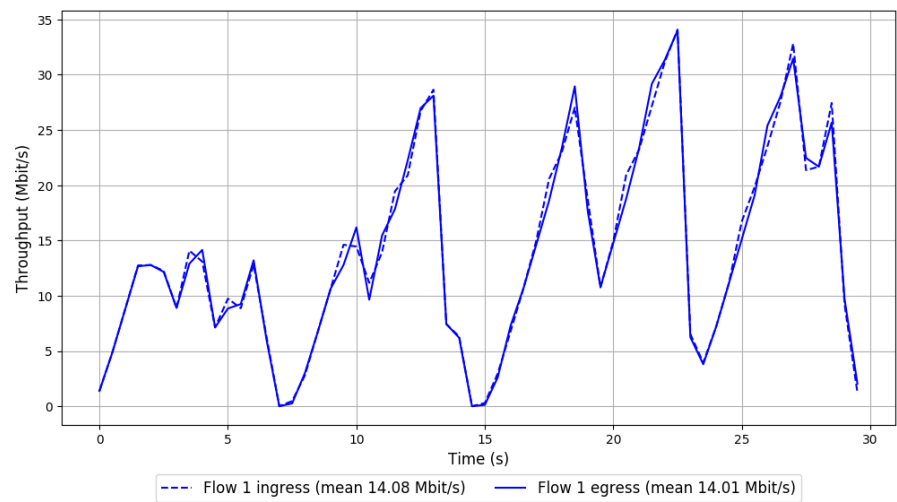


Run 8: Statistics of LEDBAT

Start at: 2018-03-13 03:52:22
End at: 2018-03-13 03:52:52
Local clock offset: 1.197 ms
Remote clock offset: -2.431 ms

Below is generated by plot.py at 2018-03-13 09:13:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 14.01 Mbit/s
95th percentile per-packet one-way delay: 30.247 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 14.01 Mbit/s
95th percentile per-packet one-way delay: 30.247 ms
Loss rate: 0.45%

Run 8: Report of LEDBAT — Data Link

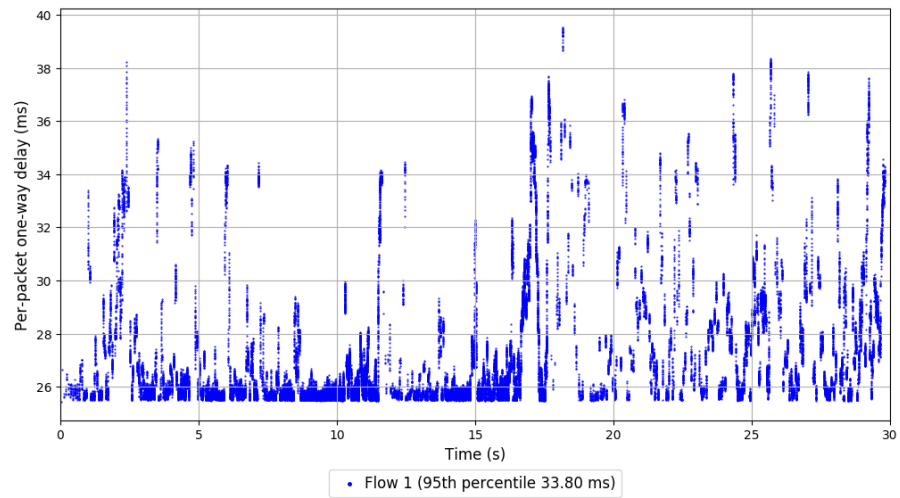
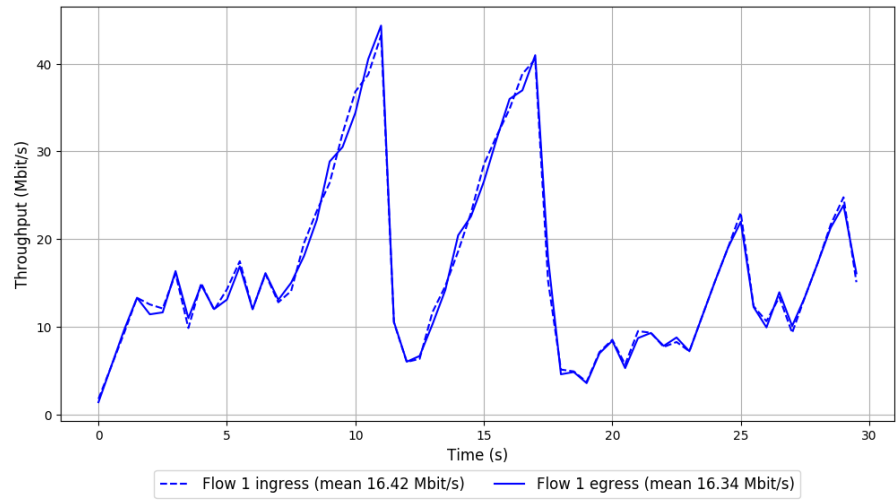


Run 9: Statistics of LEDBAT

Start at: 2018-03-13 04:17:52
End at: 2018-03-13 04:18:22
Local clock offset: 1.223 ms
Remote clock offset: -8.658 ms

Below is generated by plot.py at 2018-03-13 09:13:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 16.34 Mbit/s
95th percentile per-packet one-way delay: 33.796 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 16.34 Mbit/s
95th percentile per-packet one-way delay: 33.796 ms
Loss rate: 0.43%

Run 9: Report of LEDBAT — Data Link

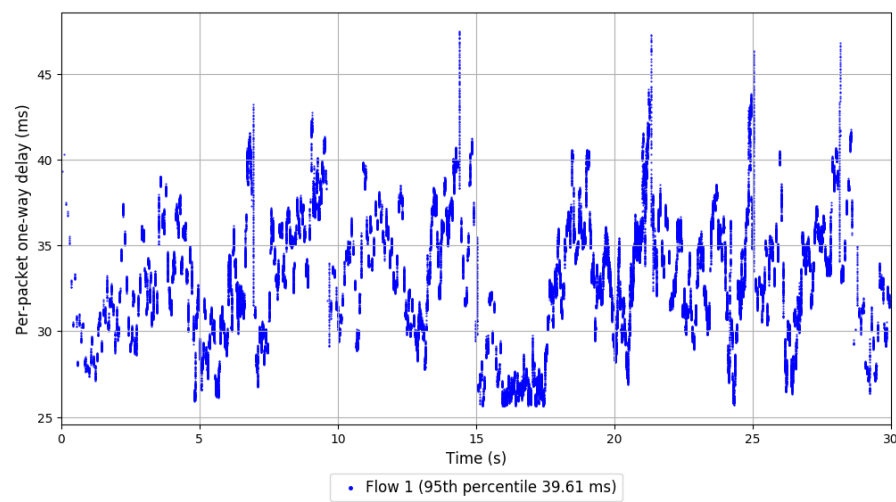
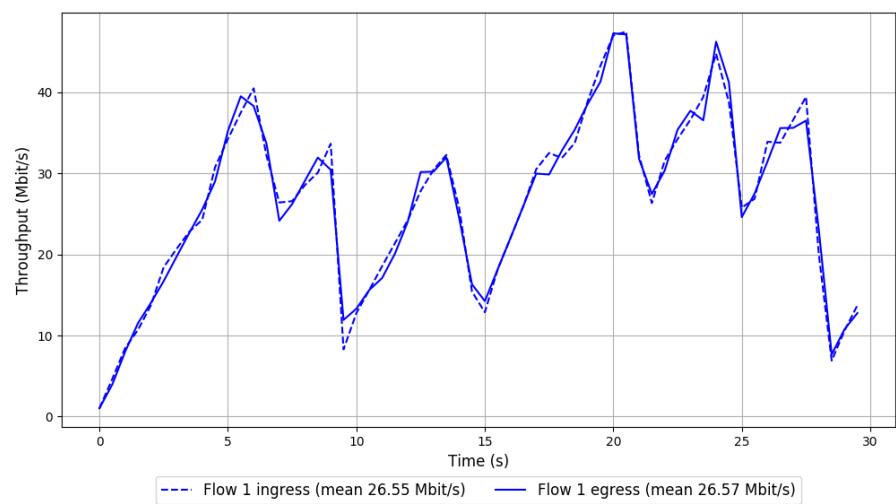


Run 10: Statistics of LEDBAT

Start at: 2018-03-13 04:44:12
End at: 2018-03-13 04:44:42
Local clock offset: 1.285 ms
Remote clock offset: -6.807 ms

Below is generated by plot.py at 2018-03-13 09:13:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 26.57 Mbit/s
95th percentile per-packet one-way delay: 39.610 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 26.57 Mbit/s
95th percentile per-packet one-way delay: 39.610 ms
Loss rate: 0.16%

Run 10: Report of LEDBAT — Data Link

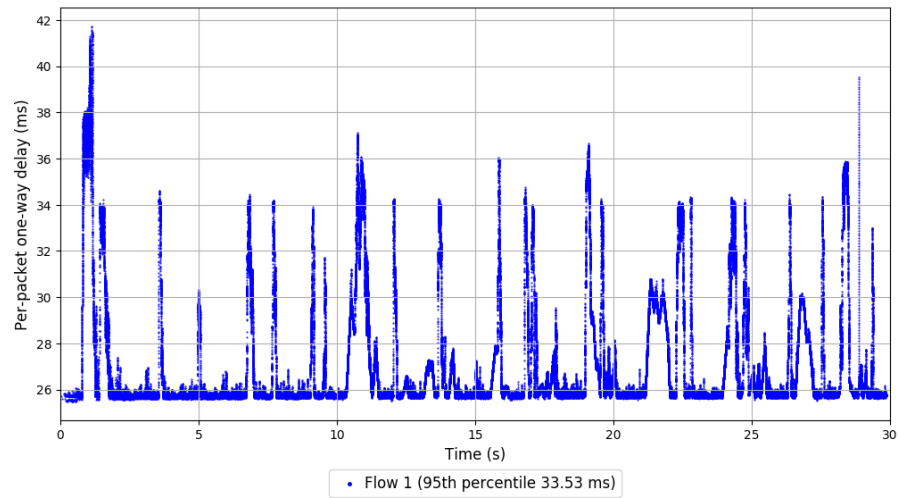
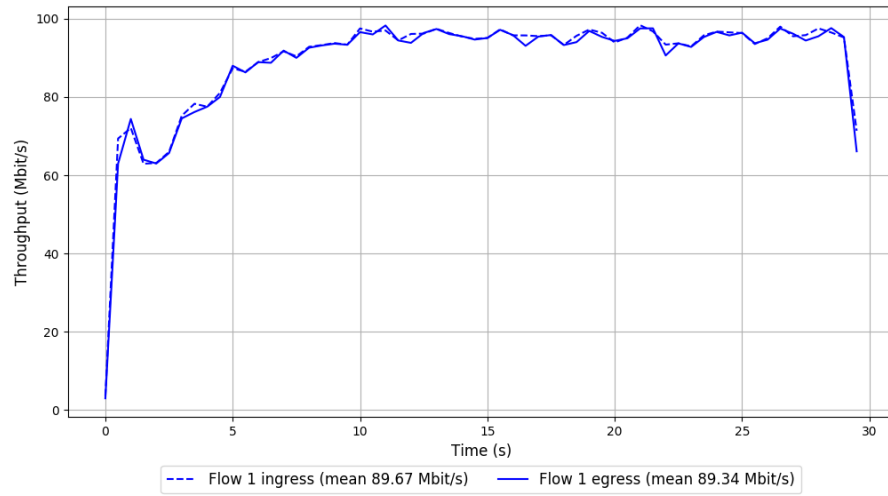


Run 1: Statistics of PCC

Start at: 2018-03-13 00:57:32
End at: 2018-03-13 00:58:02
Local clock offset: 1.114 ms
Remote clock offset: -3.166 ms

Below is generated by plot.py at 2018-03-13 09:14:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.34 Mbit/s
95th percentile per-packet one-way delay: 33.533 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 89.34 Mbit/s
95th percentile per-packet one-way delay: 33.533 ms
Loss rate: 0.55%

Run 1: Report of PCC — Data Link

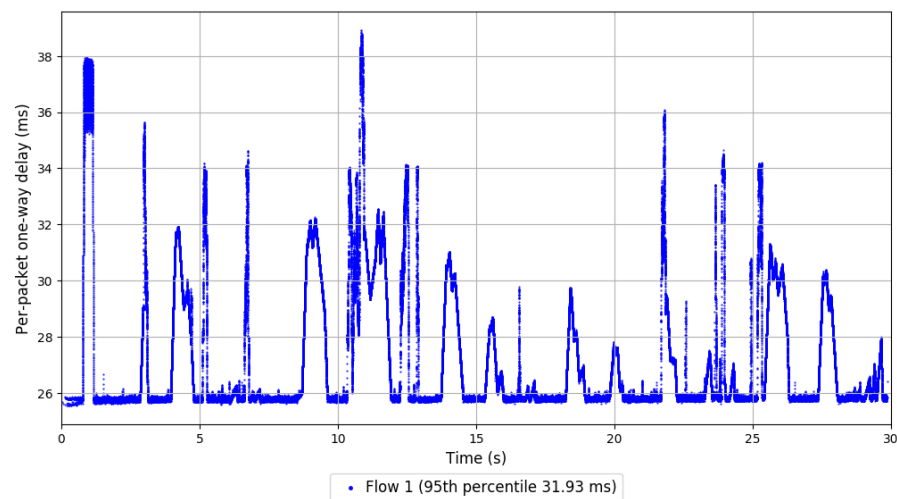
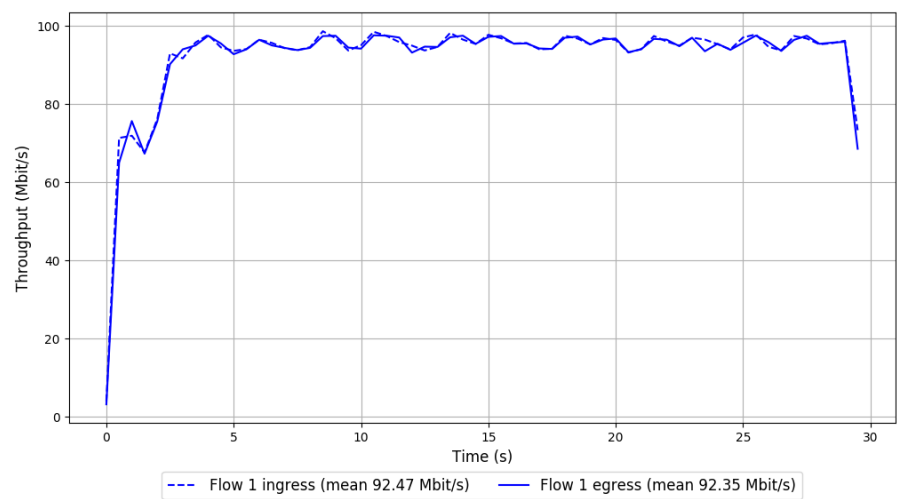


Run 2: Statistics of PCC

Start at: 2018-03-13 01:22:12
End at: 2018-03-13 01:22:42
Local clock offset: 1.931 ms
Remote clock offset: -3.191 ms

Below is generated by plot.py at 2018-03-13 09:14:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.35 Mbit/s
95th percentile per-packet one-way delay: 31.926 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 92.35 Mbit/s
95th percentile per-packet one-way delay: 31.926 ms
Loss rate: 0.30%

Run 2: Report of PCC — Data Link



Run 3: Statistics of PCC

Start at: 2018-03-13 01:46:47

End at: 2018-03-13 01:47:17

Local clock offset: 1.366 ms

Remote clock offset: 0.588 ms

Below is generated by plot.py at 2018-03-13 09:14:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.37 Mbit/s

95th percentile per-packet one-way delay: 34.397 ms

Loss rate: 0.49%

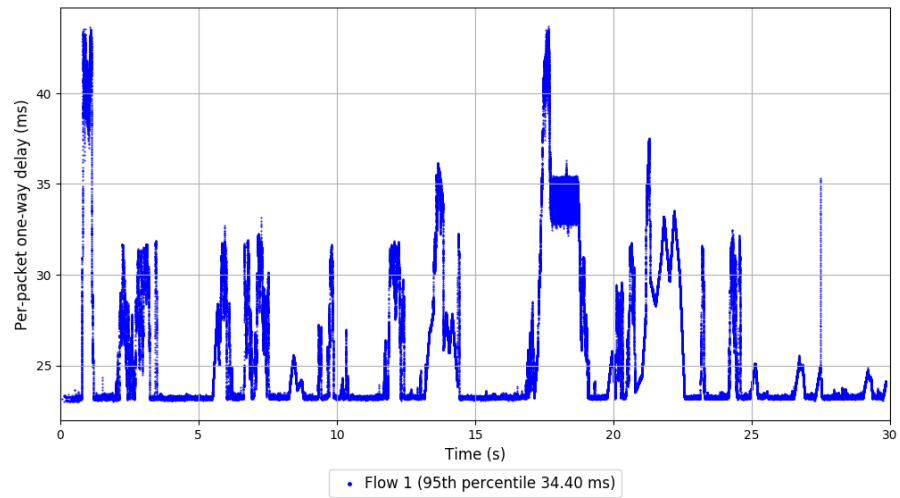
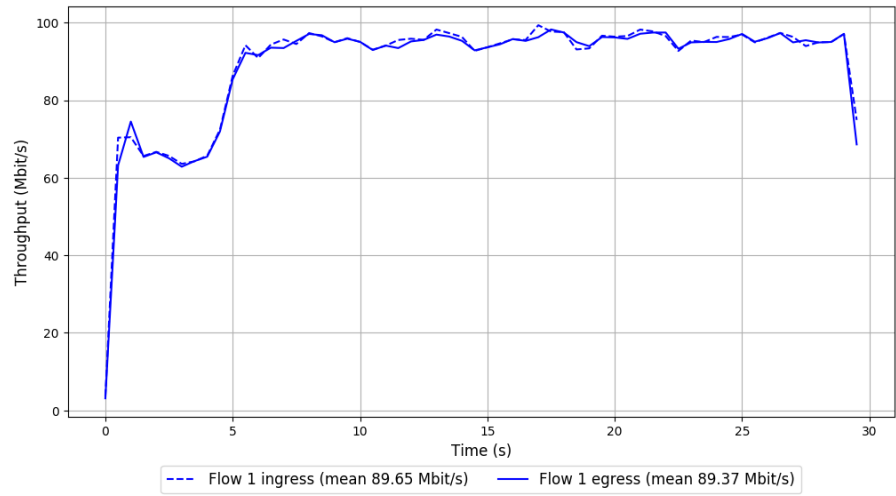
-- Flow 1:

Average throughput: 89.37 Mbit/s

95th percentile per-packet one-way delay: 34.397 ms

Loss rate: 0.49%

Run 3: Report of PCC — Data Link

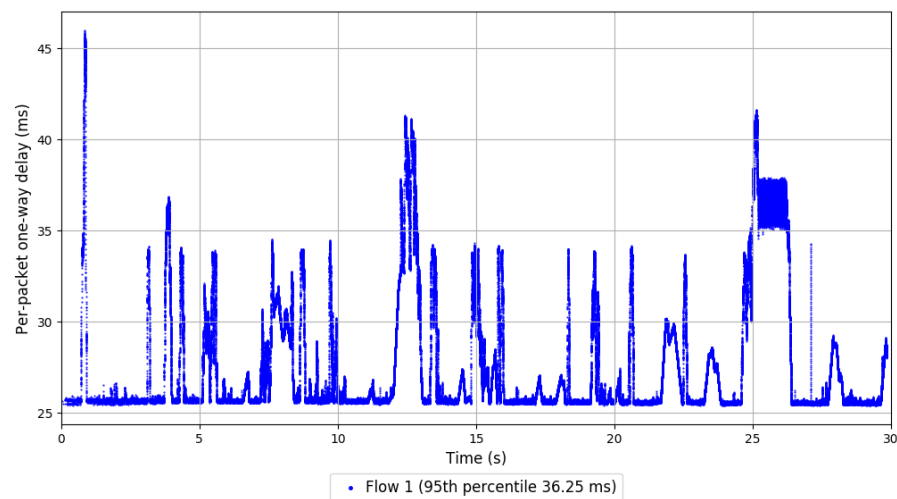
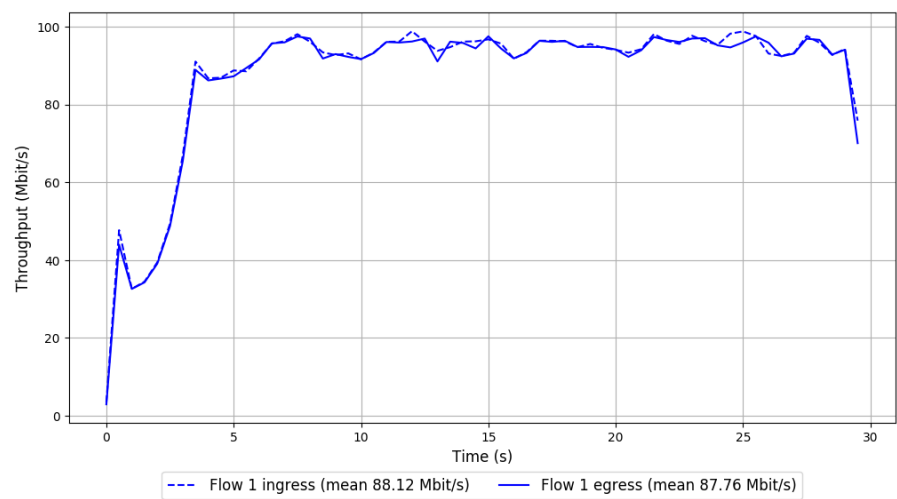


Run 4: Statistics of PCC

Start at: 2018-03-13 02:11:08
End at: 2018-03-13 02:11:38
Local clock offset: 1.003 ms
Remote clock offset: -0.309 ms

Below is generated by plot.py at 2018-03-13 09:14:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.76 Mbit/s
95th percentile per-packet one-way delay: 36.252 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 87.76 Mbit/s
95th percentile per-packet one-way delay: 36.252 ms
Loss rate: 0.59%

Run 4: Report of PCC — Data Link

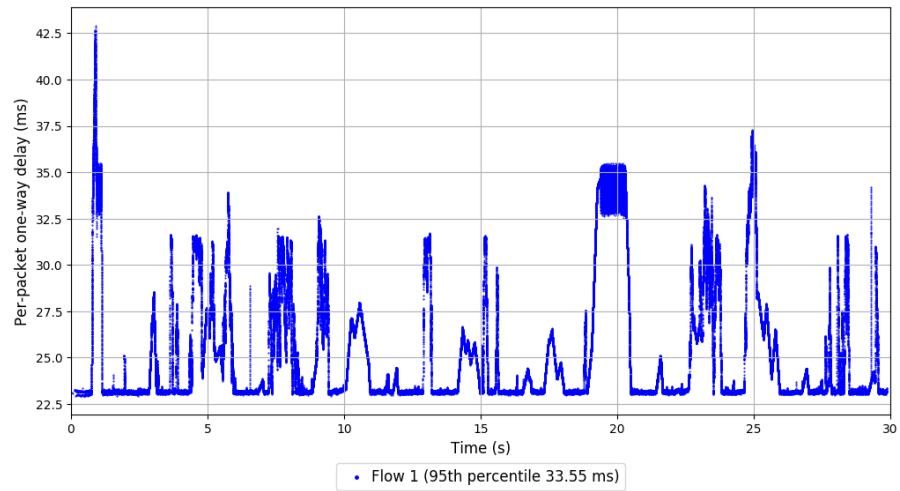
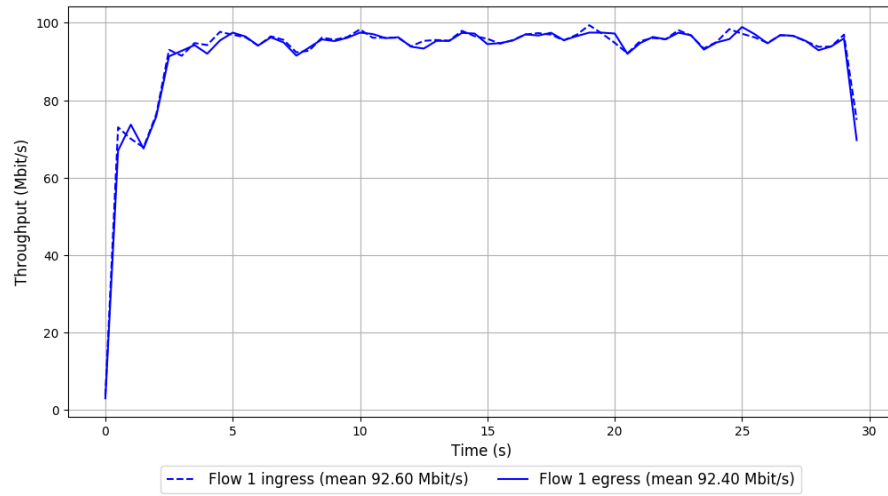


Run 5: Statistics of PCC

Start at: 2018-03-13 02:35:27
End at: 2018-03-13 02:35:57
Local clock offset: 0.952 ms
Remote clock offset: -0.636 ms

Below is generated by plot.py at 2018-03-13 09:14:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.40 Mbit/s
95th percentile per-packet one-way delay: 33.549 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 92.40 Mbit/s
95th percentile per-packet one-way delay: 33.549 ms
Loss rate: 0.40%

Run 5: Report of PCC — Data Link

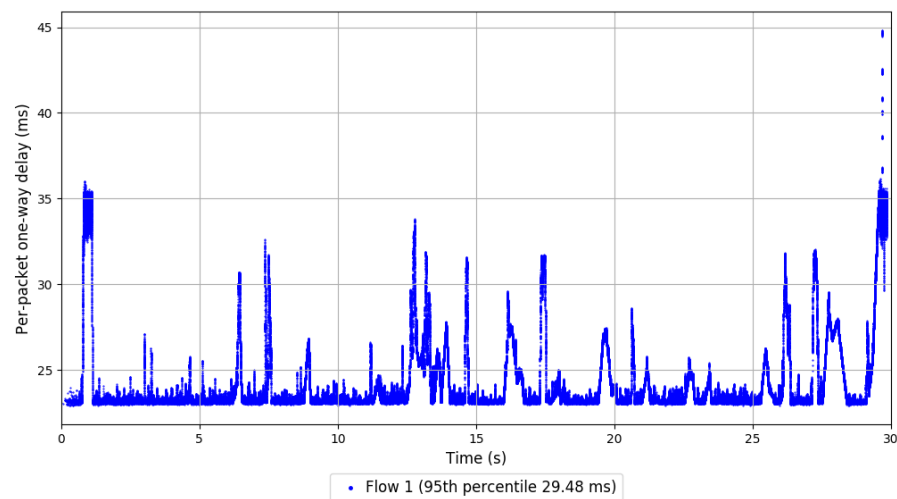
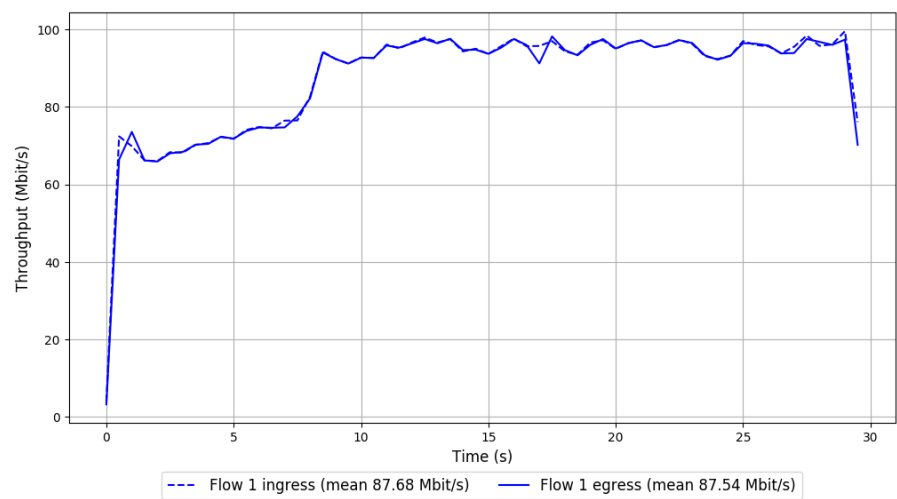


Run 6: Statistics of PCC

Start at: 2018-03-13 03:01:05
End at: 2018-03-13 03:01:35
Local clock offset: 1.019 ms
Remote clock offset: -2.541 ms

Below is generated by plot.py at 2018-03-13 09:14:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.54 Mbit/s
95th percentile per-packet one-way delay: 29.476 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 87.54 Mbit/s
95th percentile per-packet one-way delay: 29.476 ms
Loss rate: 0.35%

Run 6: Report of PCC — Data Link

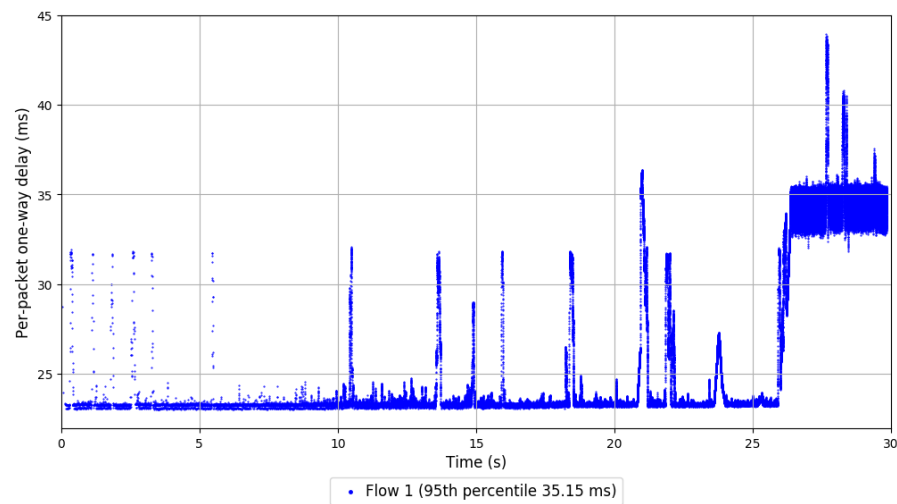
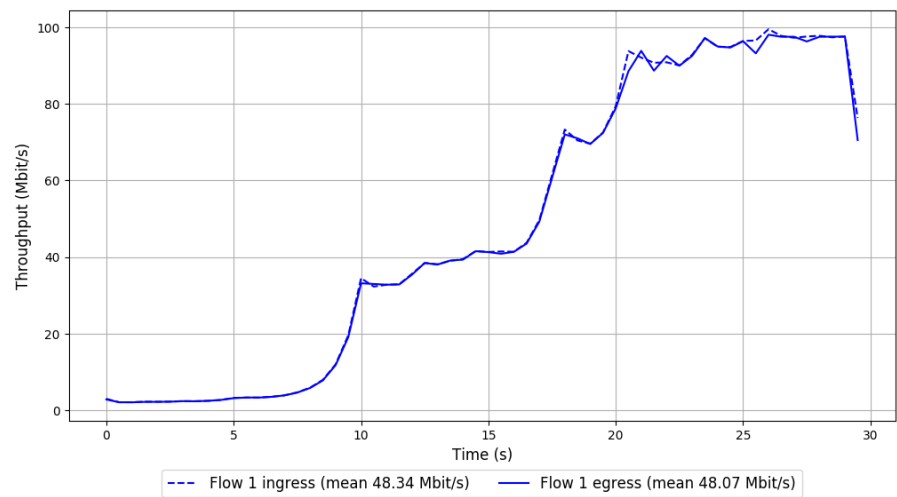


Run 7: Statistics of PCC

Start at: 2018-03-13 03:25:15
End at: 2018-03-13 03:25:45
Local clock offset: 1.119 ms
Remote clock offset: -2.892 ms

Below is generated by plot.py at 2018-03-13 09:14:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 48.07 Mbit/s
95th percentile per-packet one-way delay: 35.147 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 48.07 Mbit/s
95th percentile per-packet one-way delay: 35.147 ms
Loss rate: 0.77%

Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

Start at: 2018-03-13 03:49:46

End at: 2018-03-13 03:50:16

Local clock offset: 1.287 ms

Remote clock offset: -2.47 ms

Below is generated by plot.py at 2018-03-13 09:15:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.53 Mbit/s

95th percentile per-packet one-way delay: 31.243 ms

Loss rate: 1.11%

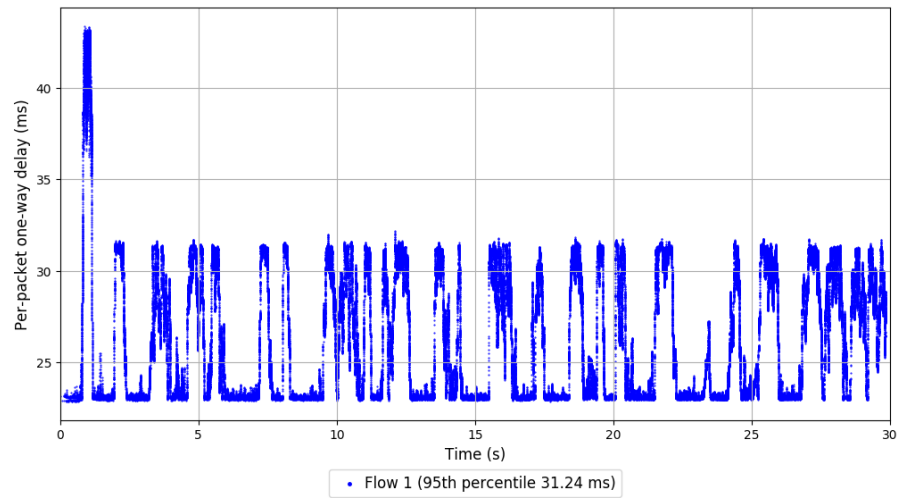
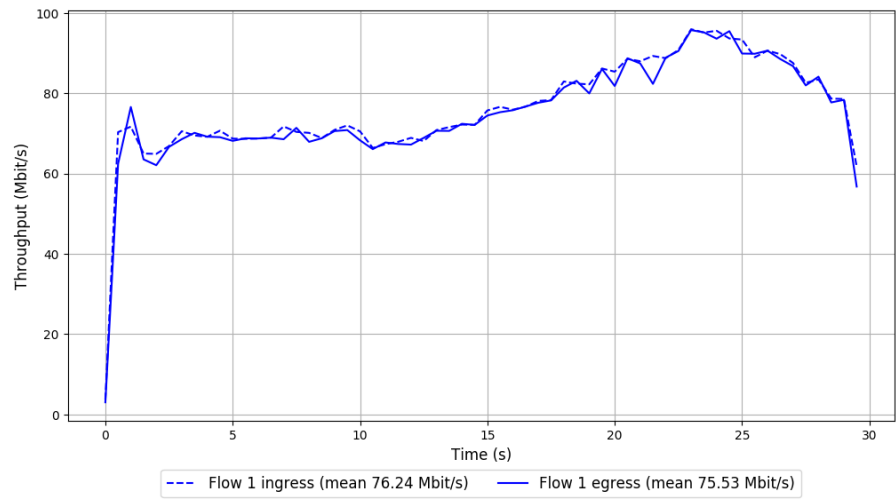
-- Flow 1:

Average throughput: 75.53 Mbit/s

95th percentile per-packet one-way delay: 31.243 ms

Loss rate: 1.11%

Run 8: Report of PCC — Data Link

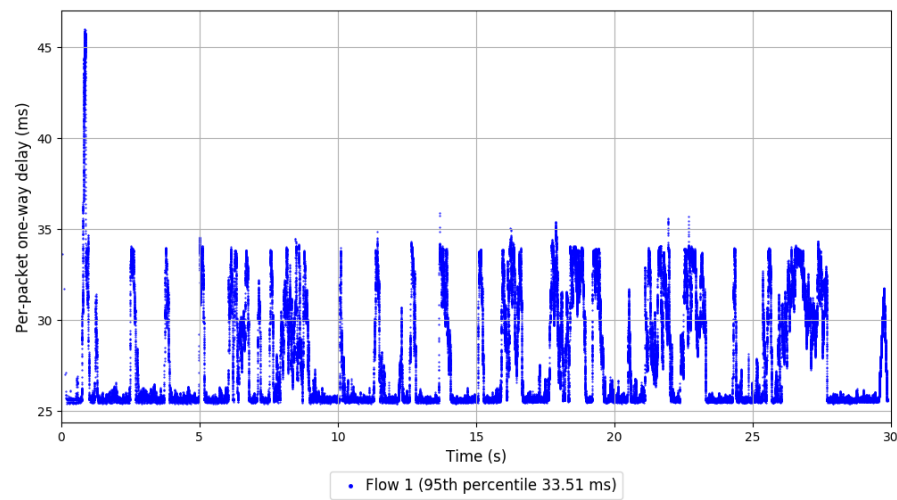
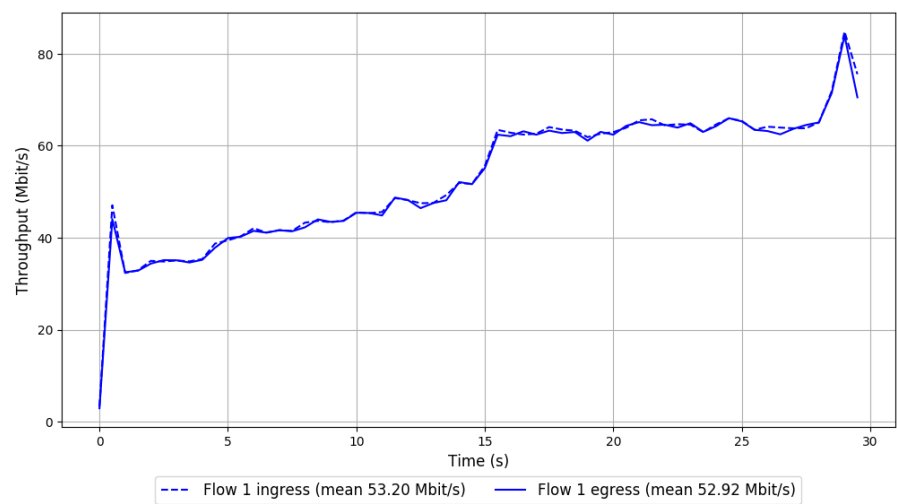


Run 9: Statistics of PCC

Start at: 2018-03-13 04:15:13
End at: 2018-03-13 04:15:43
Local clock offset: 1.291 ms
Remote clock offset: -8.574 ms

Below is generated by plot.py at 2018-03-13 09:15:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 52.92 Mbit/s
95th percentile per-packet one-way delay: 33.510 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 52.92 Mbit/s
95th percentile per-packet one-way delay: 33.510 ms
Loss rate: 0.73%

Run 9: Report of PCC — Data Link

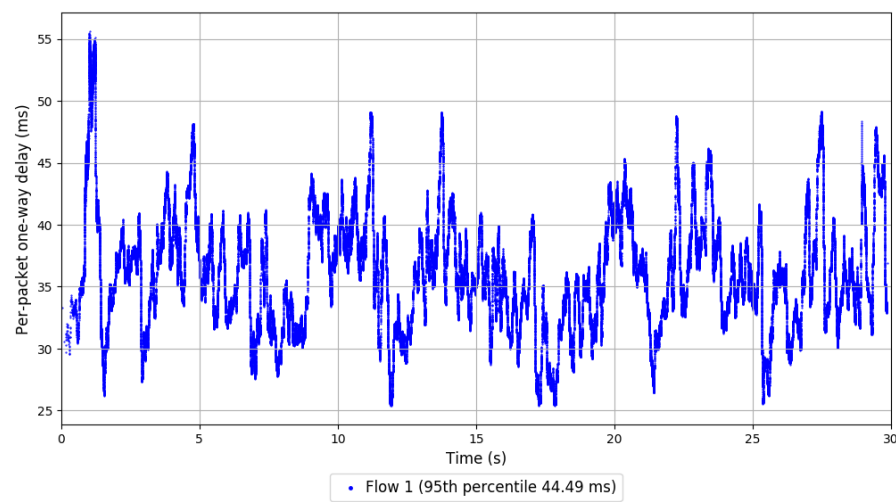
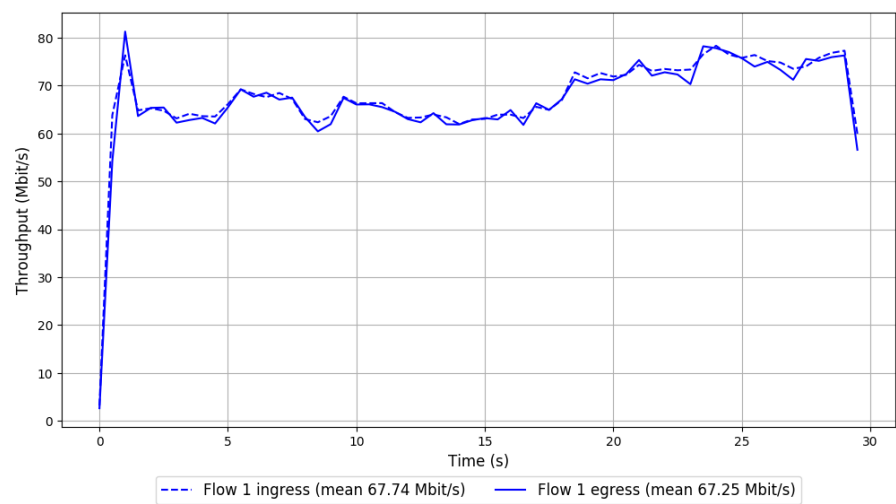


Run 10: Statistics of PCC

Start at: 2018-03-13 04:41:34
End at: 2018-03-13 04:42:04
Local clock offset: 1.257 ms
Remote clock offset: -6.826 ms

Below is generated by plot.py at 2018-03-13 09:15:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 67.25 Mbit/s
95th percentile per-packet one-way delay: 44.486 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 67.25 Mbit/s
95th percentile per-packet one-way delay: 44.486 ms
Loss rate: 0.91%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2018-03-13 00:50:50

End at: 2018-03-13 00:51:20

Local clock offset: 1.188 ms

Remote clock offset: -3.33 ms

Below is generated by plot.py at 2018-03-13 09:16:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.46 Mbit/s

95th percentile per-packet one-way delay: 37.099 ms

Loss rate: 0.30%

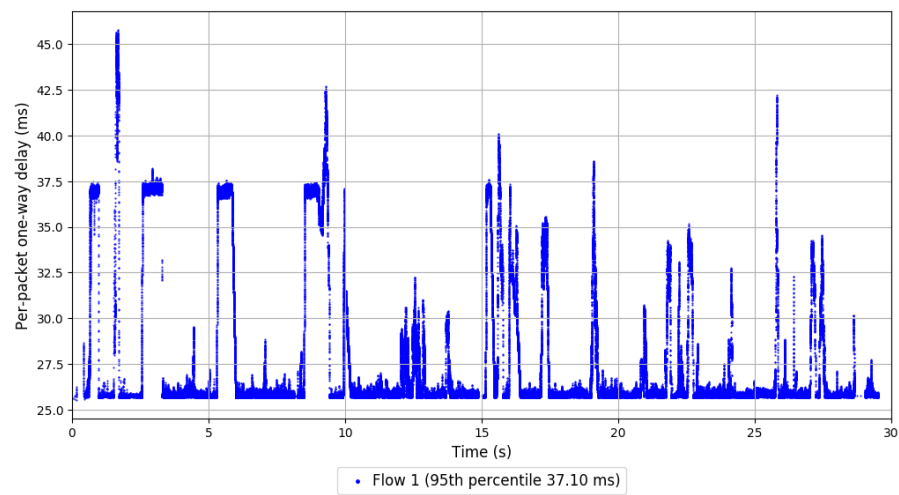
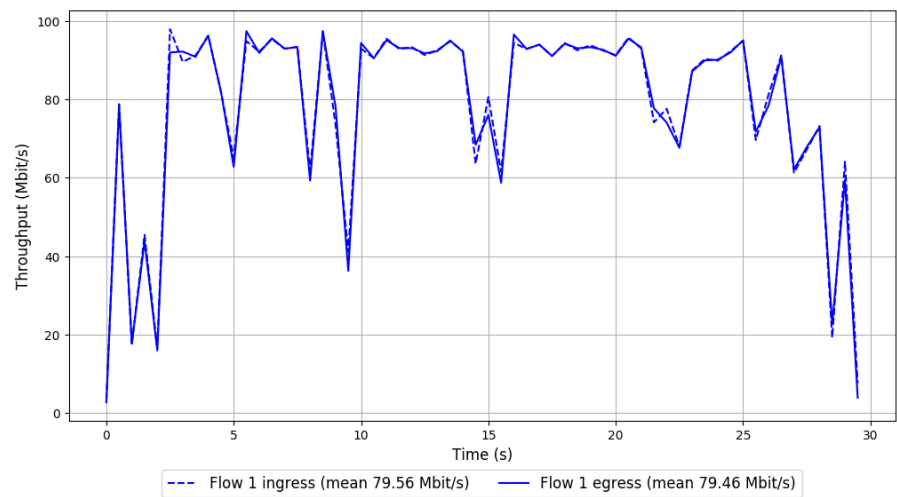
-- Flow 1:

Average throughput: 79.46 Mbit/s

95th percentile per-packet one-way delay: 37.099 ms

Loss rate: 0.30%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2018-03-13 01:15:18

End at: 2018-03-13 01:15:48

Local clock offset: 1.762 ms

Remote clock offset: -3.355 ms

Below is generated by plot.py at 2018-03-13 09:16:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 76.14 Mbit/s

95th percentile per-packet one-way delay: 38.354 ms

Loss rate: 0.31%

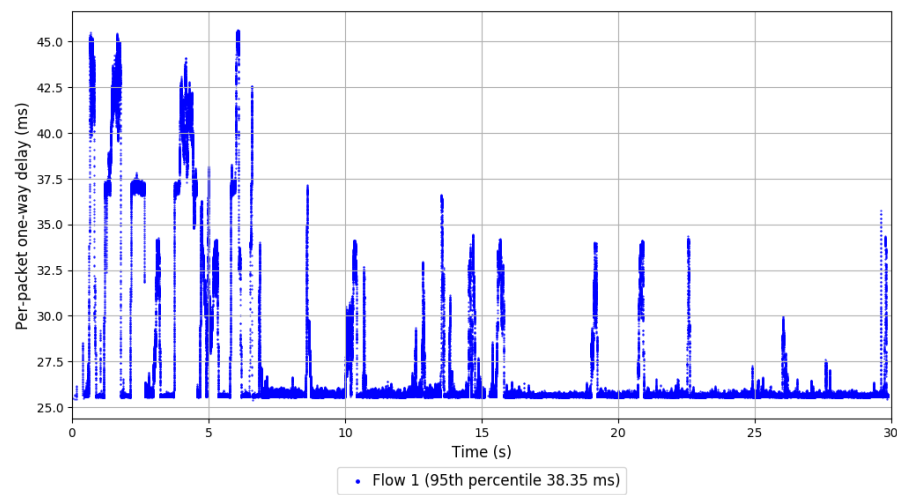
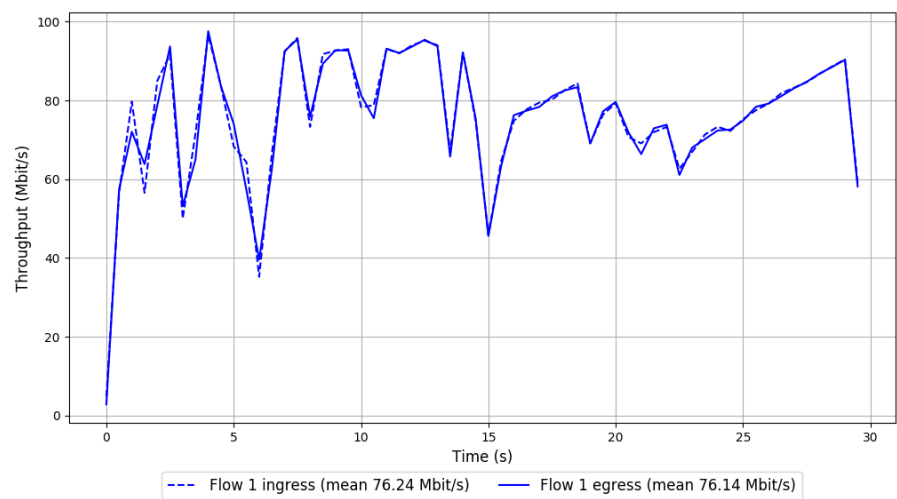
-- Flow 1:

Average throughput: 76.14 Mbit/s

95th percentile per-packet one-way delay: 38.354 ms

Loss rate: 0.31%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2018-03-13 01:39:47

End at: 2018-03-13 01:40:17

Local clock offset: 1.698 ms

Remote clock offset: 0.648 ms

Below is generated by plot.py at 2018-03-13 09:16:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 66.30 Mbit/s

95th percentile per-packet one-way delay: 34.548 ms

Loss rate: 0.43%

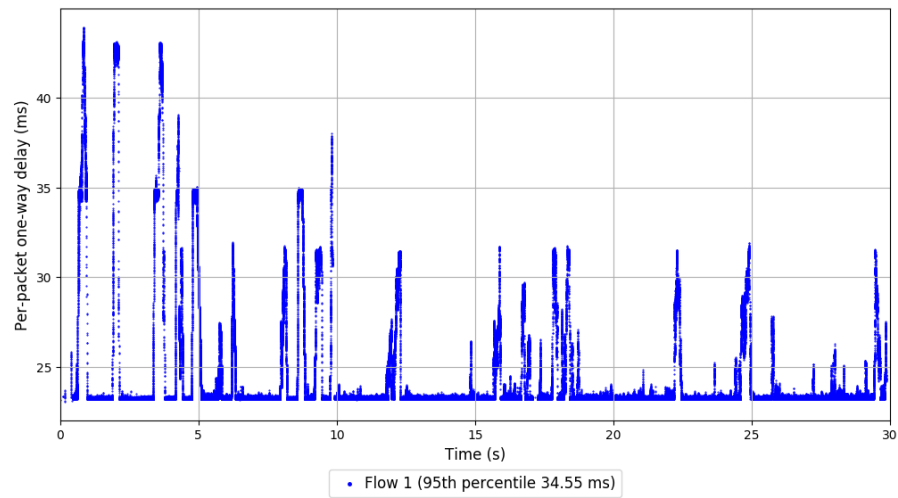
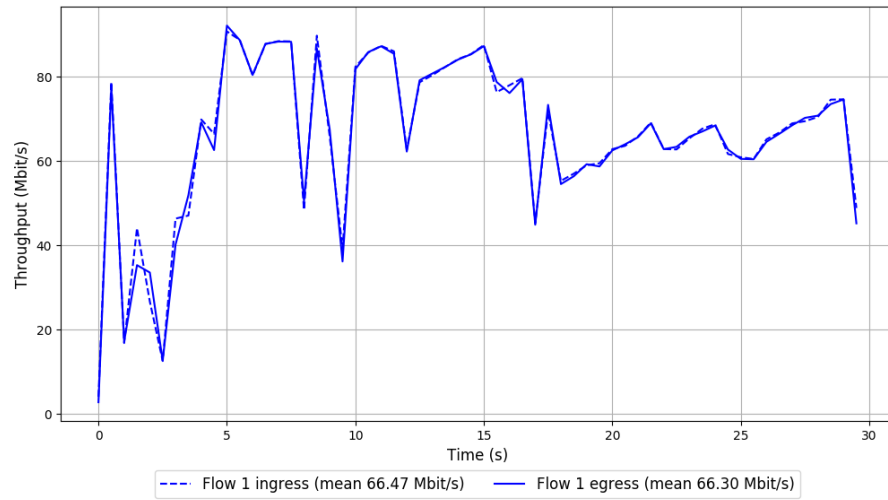
-- Flow 1:

Average throughput: 66.30 Mbit/s

95th percentile per-packet one-way delay: 34.548 ms

Loss rate: 0.43%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2018-03-13 02:04:09

End at: 2018-03-13 02:04:39

Local clock offset: 1.111 ms

Remote clock offset: -0.691 ms

Below is generated by plot.py at 2018-03-13 09:16:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 46.81 Mbit/s

95th percentile per-packet one-way delay: 26.006 ms

Loss rate: 0.44%

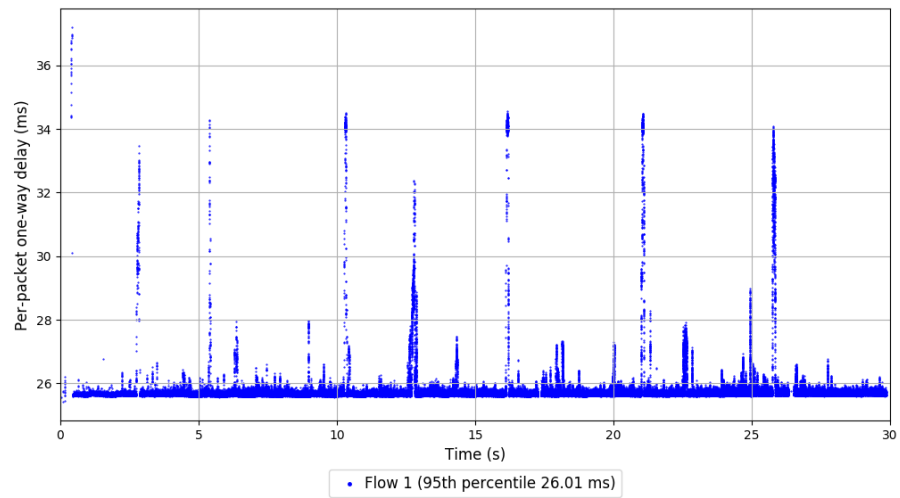
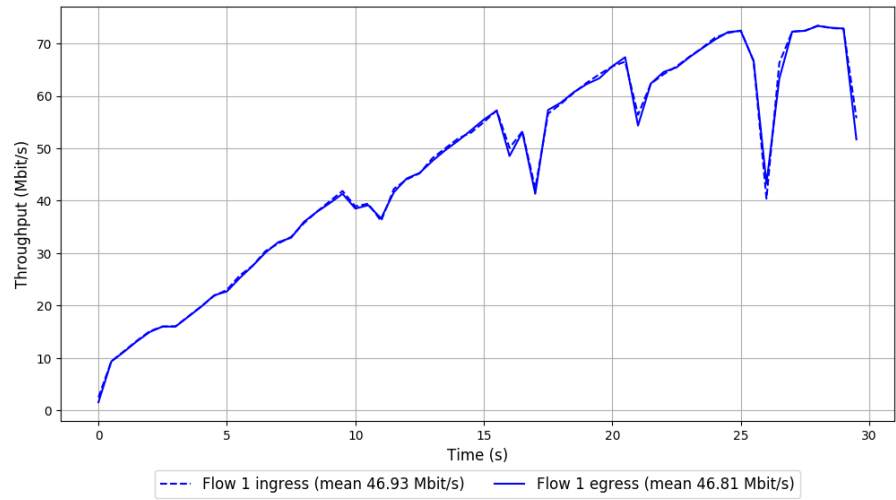
-- Flow 1:

Average throughput: 46.81 Mbit/s

95th percentile per-packet one-way delay: 26.006 ms

Loss rate: 0.44%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2018-03-13 02:28:46

End at: 2018-03-13 02:29:16

Local clock offset: 0.876 ms

Remote clock offset: -2.824 ms

Below is generated by plot.py at 2018-03-13 09:16:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 65.76 Mbit/s

95th percentile per-packet one-way delay: 33.387 ms

Loss rate: 0.34%

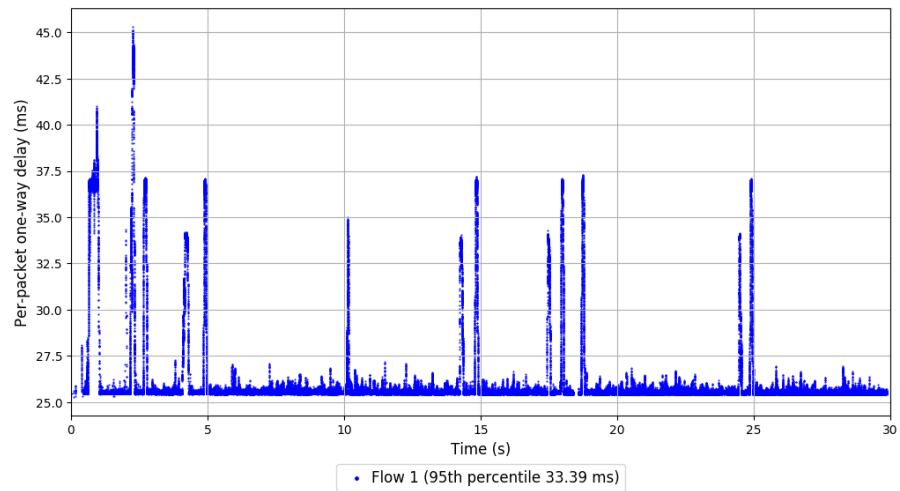
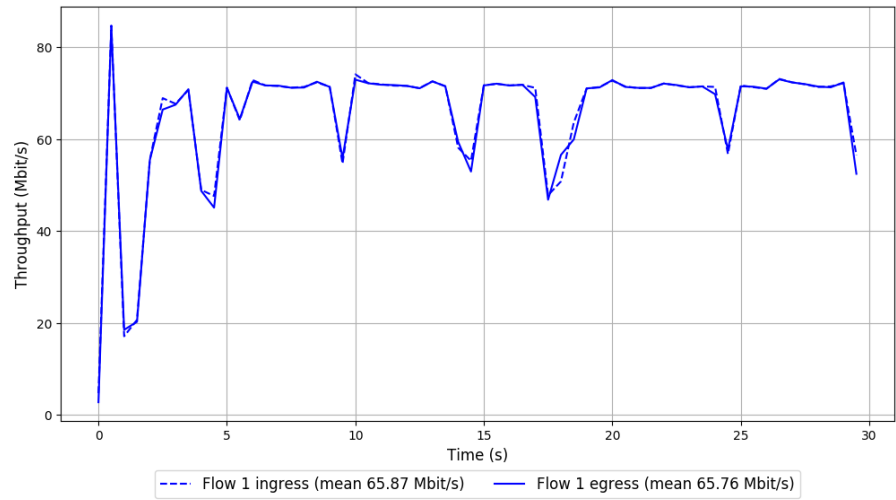
-- Flow 1:

Average throughput: 65.76 Mbit/s

95th percentile per-packet one-way delay: 33.387 ms

Loss rate: 0.34%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2018-03-13 02:54:24

End at: 2018-03-13 02:54:54

Local clock offset: 1.079 ms

Remote clock offset: -4.562 ms

Below is generated by plot.py at 2018-03-13 09:16:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 68.37 Mbit/s

95th percentile per-packet one-way delay: 37.188 ms

Loss rate: 0.30%

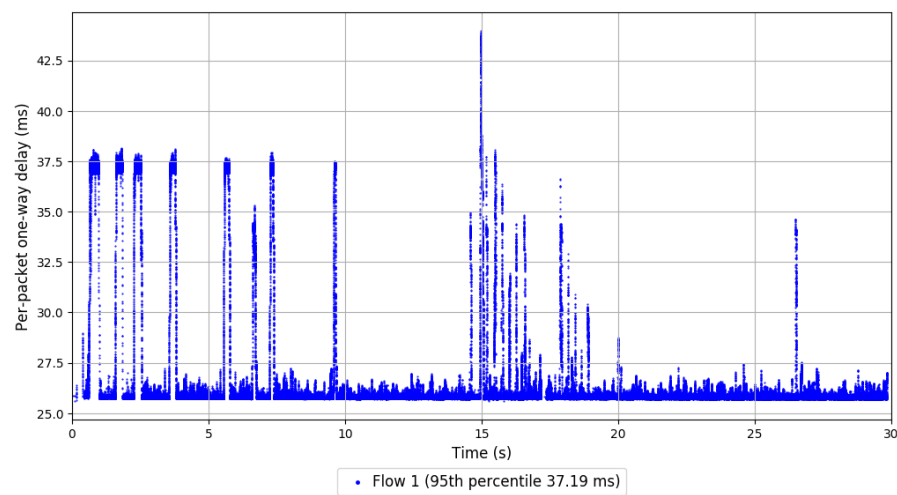
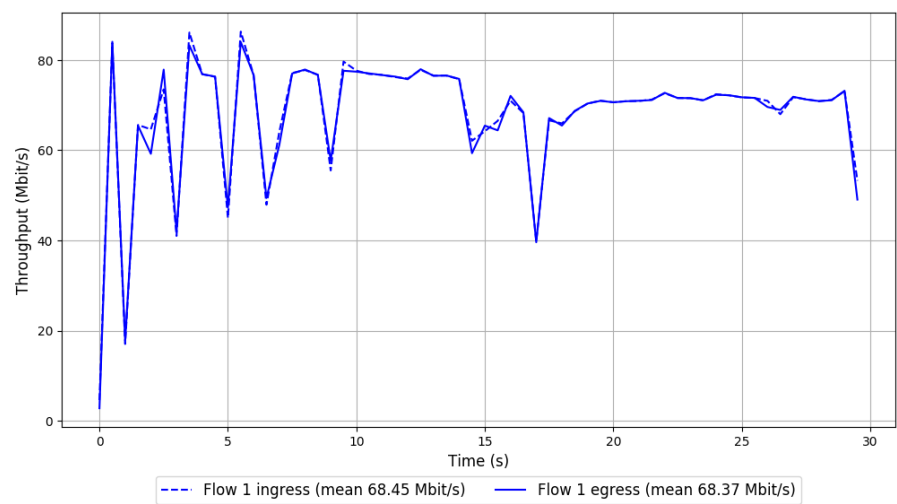
-- Flow 1:

Average throughput: 68.37 Mbit/s

95th percentile per-packet one-way delay: 37.188 ms

Loss rate: 0.30%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: 2018-03-13 03:18:26

End at: 2018-03-13 03:18:56

Local clock offset: 1.117 ms

Remote clock offset: -3.722 ms

Below is generated by plot.py at 2018-03-13 09:16:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 43.51 Mbit/s

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

Loss rate: 0.54%

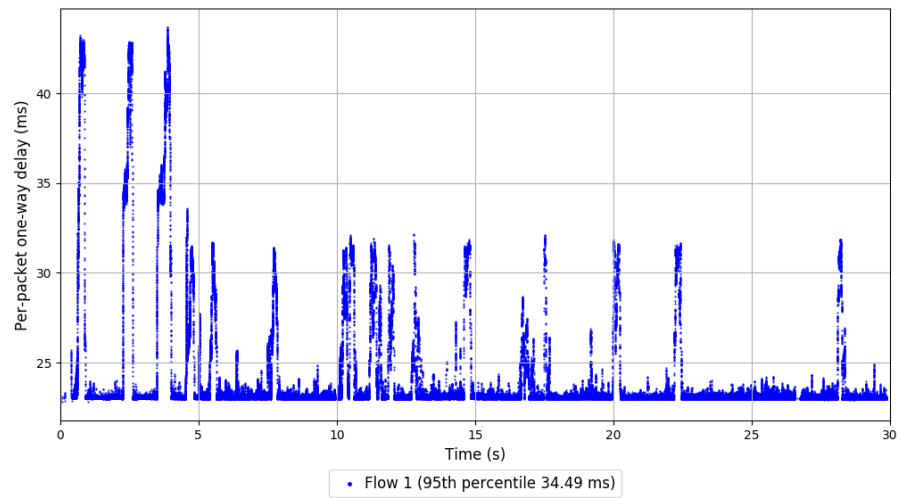
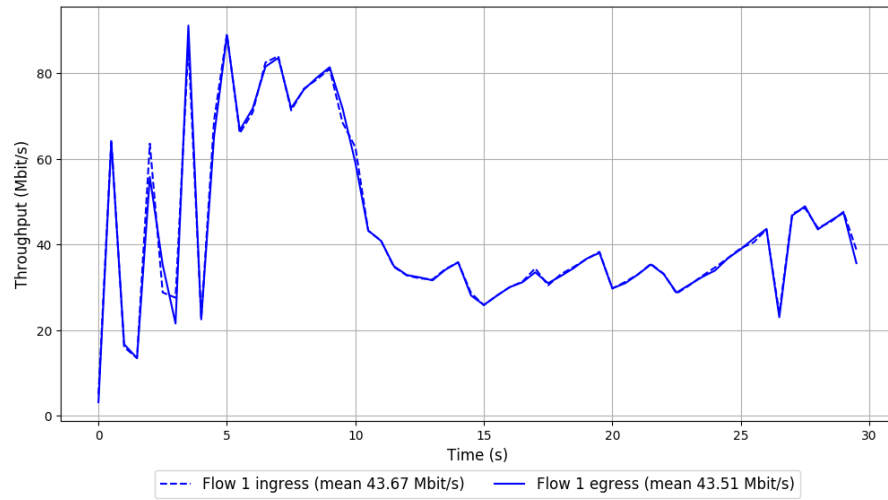
-- Flow 1:

Average throughput: 43.51 Mbit/s

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

Loss rate: 0.54%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2018-03-13 03:42:55

End at: 2018-03-13 03:43:25

Local clock offset: 1.234 ms

Remote clock offset: -4.826 ms

Below is generated by plot.py at 2018-03-13 09:16:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 54.47 Mbit/s

95th percentile per-packet one-way delay: 37.308 ms

Loss rate: 0.57%

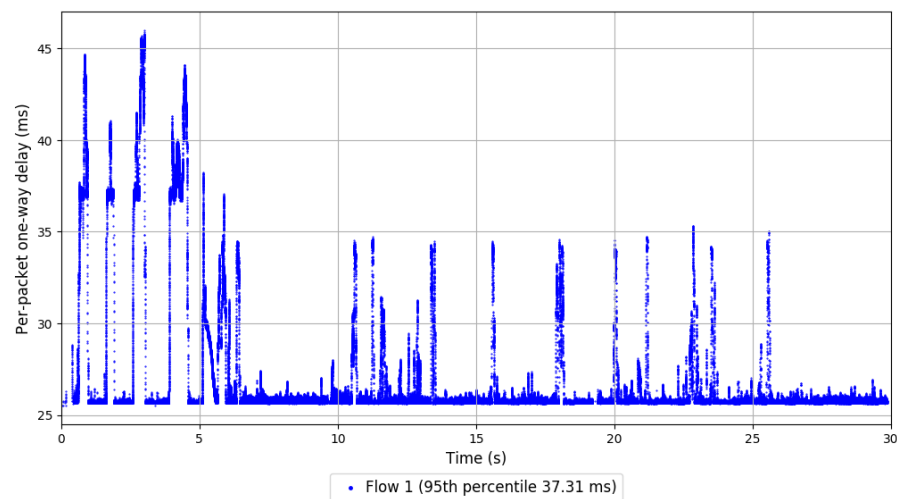
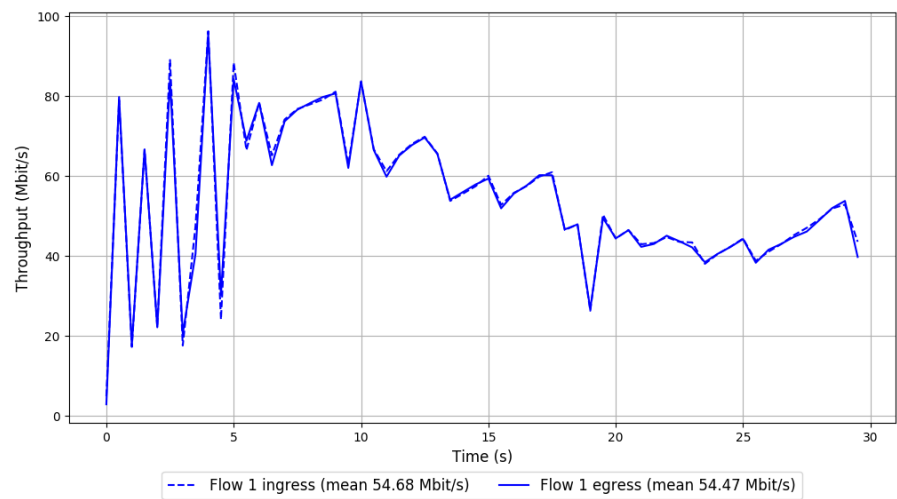
-- Flow 1:

Average throughput: 54.47 Mbit/s

95th percentile per-packet one-way delay: 37.308 ms

Loss rate: 0.57%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2018-03-13 04:08:06

End at: 2018-03-13 04:08:36

Local clock offset: 1.277 ms

Remote clock offset: -5.586 ms

Below is generated by plot.py at 2018-03-13 09:16:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 6.24 Mbit/s

95th percentile per-packet one-way delay: 31.188 ms

Loss rate: 1.15%

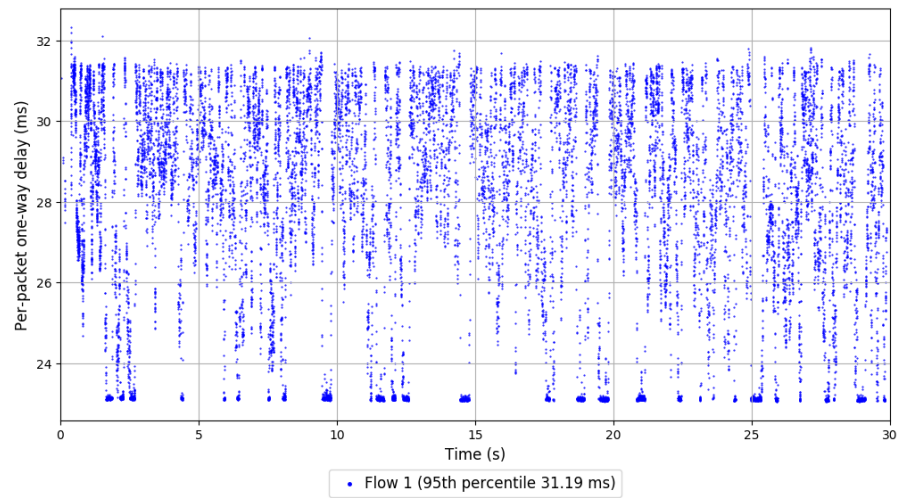
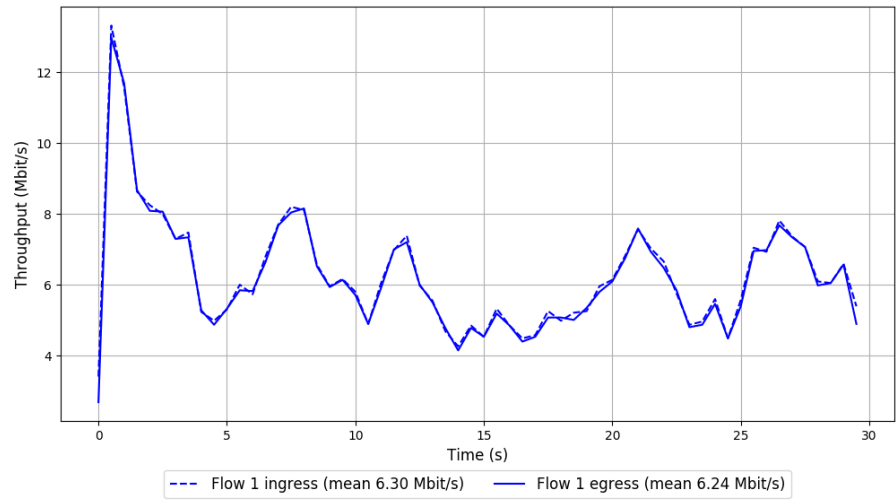
-- Flow 1:

Average throughput: 6.24 Mbit/s

95th percentile per-packet one-way delay: 31.188 ms

Loss rate: 1.15%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-03-13 04:34:48

End at: 2018-03-13 04:35:18

Local clock offset: 1.355 ms

Remote clock offset: -7.433 ms

Below is generated by plot.py at 2018-03-13 09:16:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 35.74 Mbit/s

95th percentile per-packet one-way delay: 45.509 ms

Loss rate: 0.62%

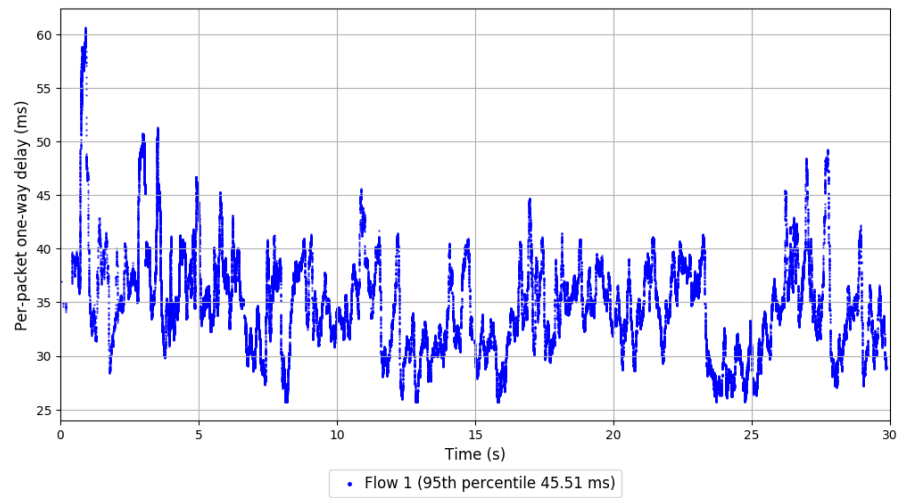
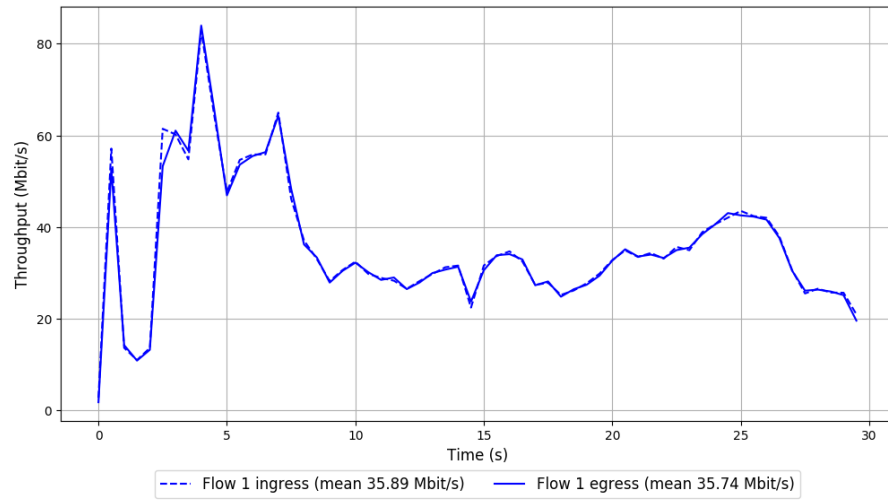
-- Flow 1:

Average throughput: 35.74 Mbit/s

95th percentile per-packet one-way delay: 45.509 ms

Loss rate: 0.62%

Run 10: Report of QUIC Cubic — Data Link

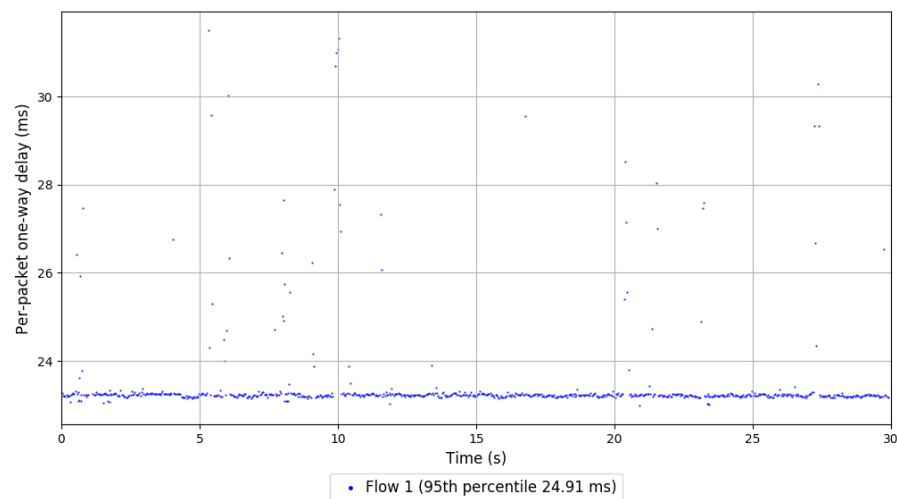
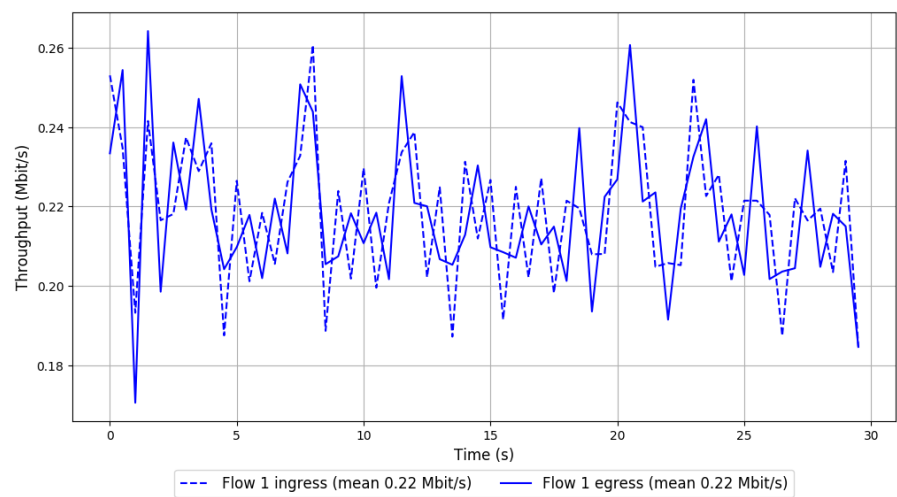


Run 1: Statistics of SCReAM

Start at: 2018-03-13 01:09:44
End at: 2018-03-13 01:10:14
Local clock offset: 1.723 ms
Remote clock offset: -0.931 ms

Below is generated by plot.py at 2018-03-13 09:16:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 24.910 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 24.910 ms
Loss rate: 0.13%

Run 1: Report of SReAM — Data Link

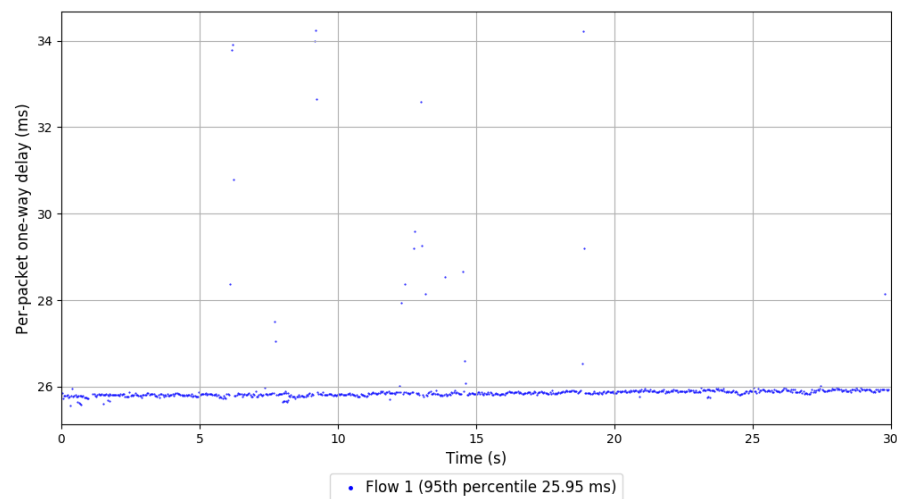
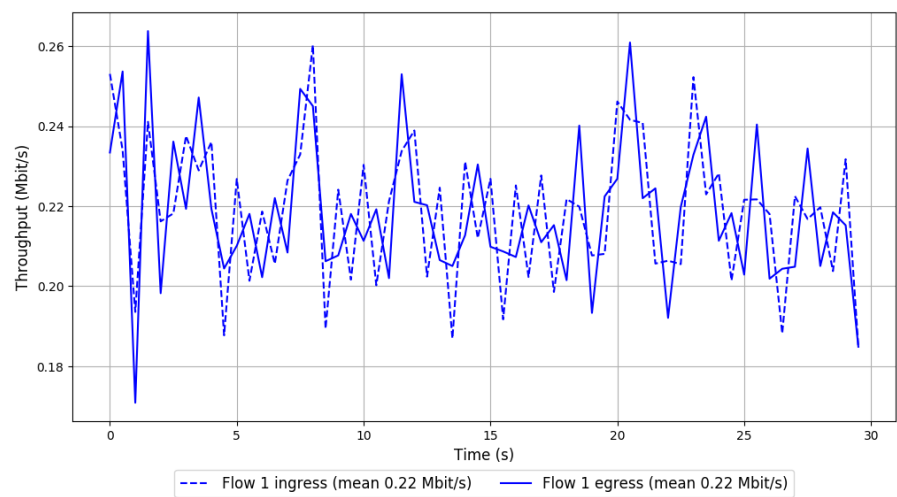


Run 2: Statistics of SCReAM

Start at: 2018-03-13 01:34:23
End at: 2018-03-13 01:34:53
Local clock offset: 2.099 ms
Remote clock offset: -1.933 ms

Below is generated by plot.py at 2018-03-13 09:16:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 25.948 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 25.948 ms
Loss rate: 0.13%

Run 2: Report of SReAM — Data Link

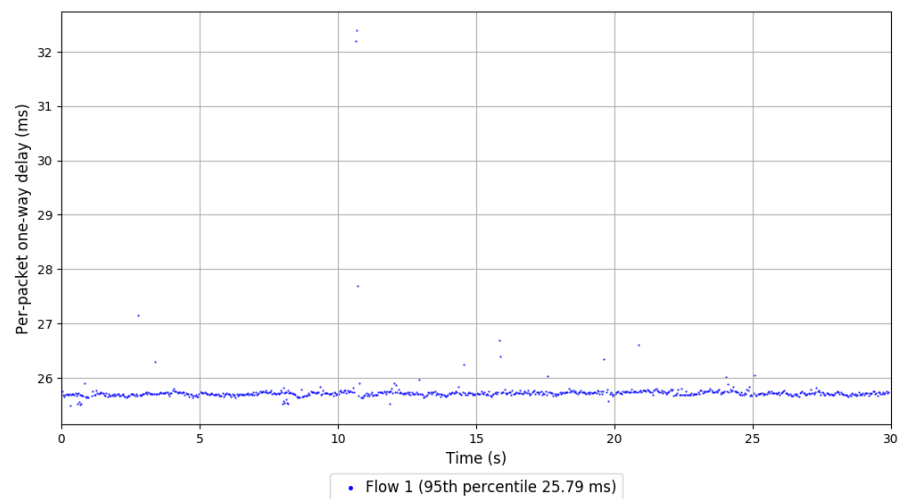
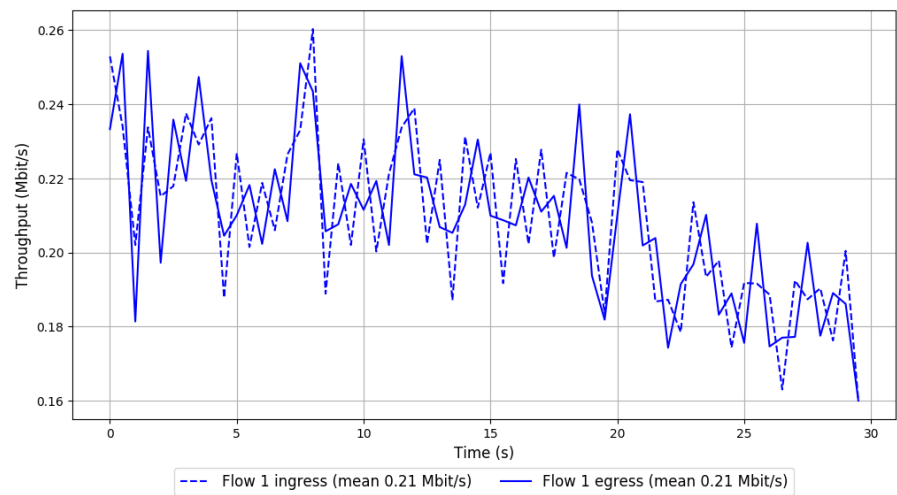


Run 3: Statistics of SCReAM

Start at: 2018-03-13 01:58:51
End at: 2018-03-13 01:59:21
Local clock offset: 1.159 ms
Remote clock offset: -1.171 ms

Below is generated by plot.py at 2018-03-13 09:16:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 25.788 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 25.788 ms
Loss rate: 0.24%

Run 3: Report of SReAM — Data Link



Run 4: Statistics of SCReAM

Start at: 2018-03-13 02:23:26

End at: 2018-03-13 02:23:56

Local clock offset: 0.987 ms

Remote clock offset: 0.145 ms

Below is generated by plot.py at 2018-03-13 09:16:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 23.210 ms

Loss rate: 0.13%

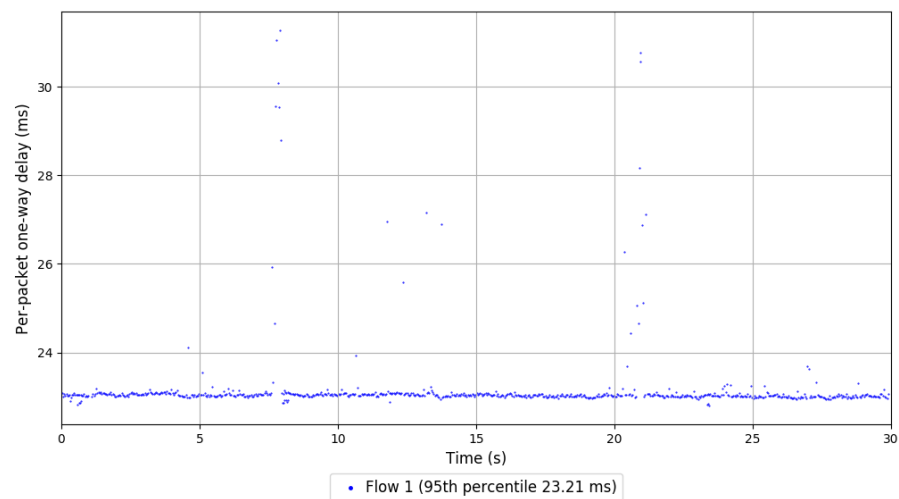
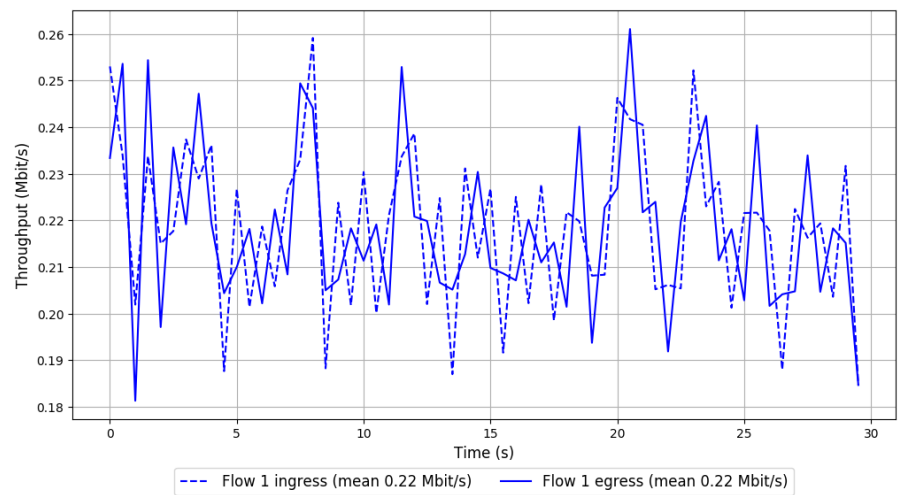
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 23.210 ms

Loss rate: 0.13%

Run 4: Report of SReAM — Data Link

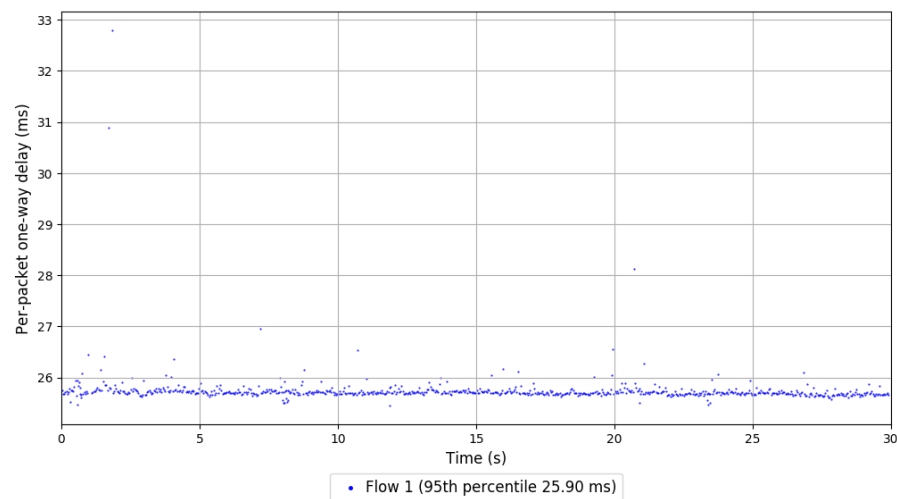
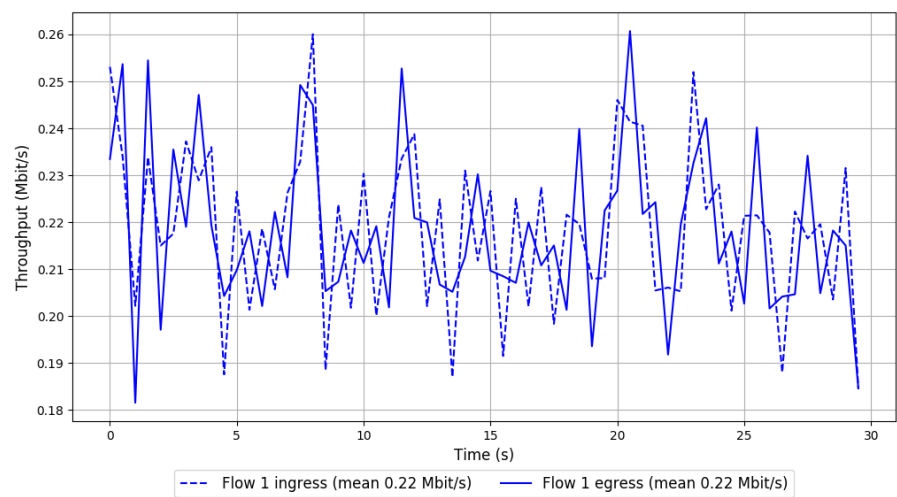


Run 5: Statistics of SCReAM

Start at: 2018-03-13 02:49:05
End at: 2018-03-13 02:49:35
Local clock offset: 1.021 ms
Remote clock offset: -3.868 ms

Below is generated by plot.py at 2018-03-13 09:16:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 25.899 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 25.899 ms
Loss rate: 0.13%

Run 5: Report of SReAM — Data Link

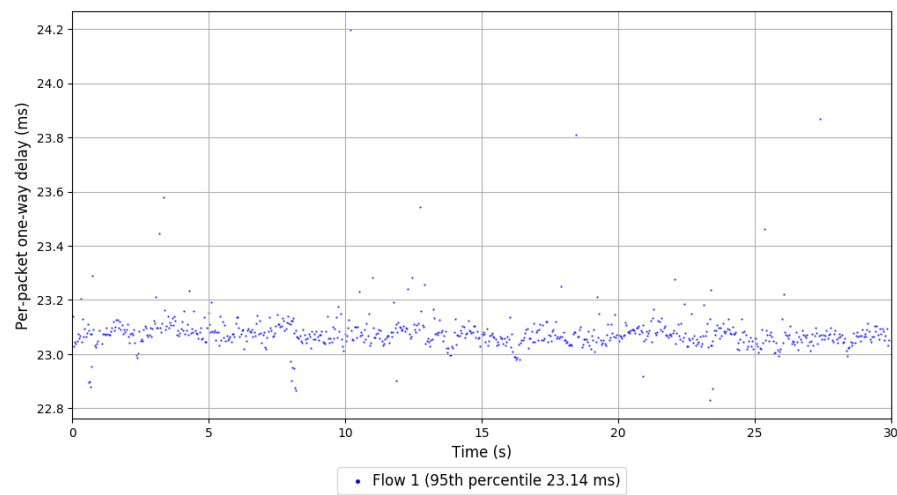
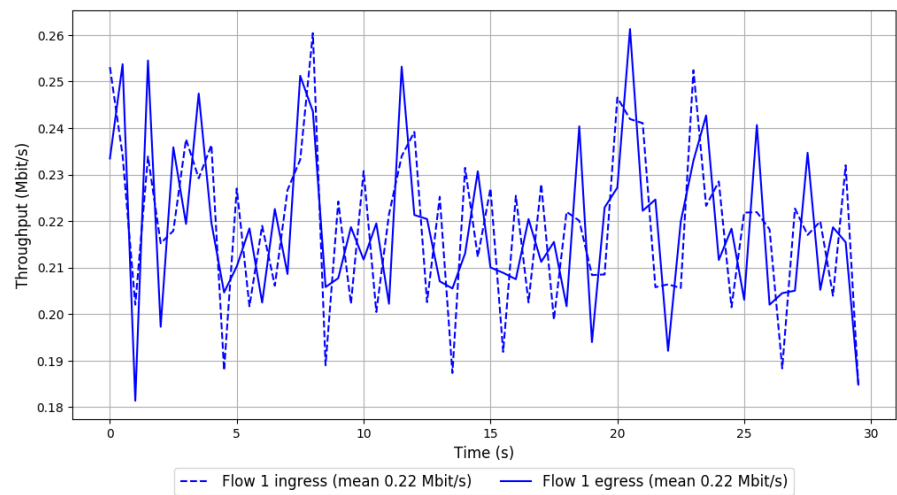


Run 6: Statistics of SCReAM

Start at: 2018-03-13 03:13:03
End at: 2018-03-13 03:13:33
Local clock offset: 1.123 ms
Remote clock offset: -3.255 ms

Below is generated by plot.py at 2018-03-13 09:16:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 23.145 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 23.145 ms
Loss rate: 0.13%

Run 6: Report of SReAM — Data Link

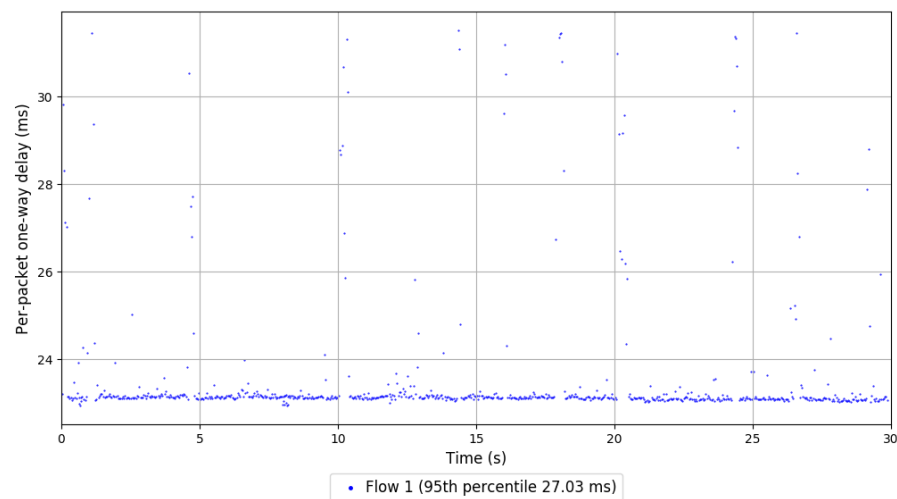
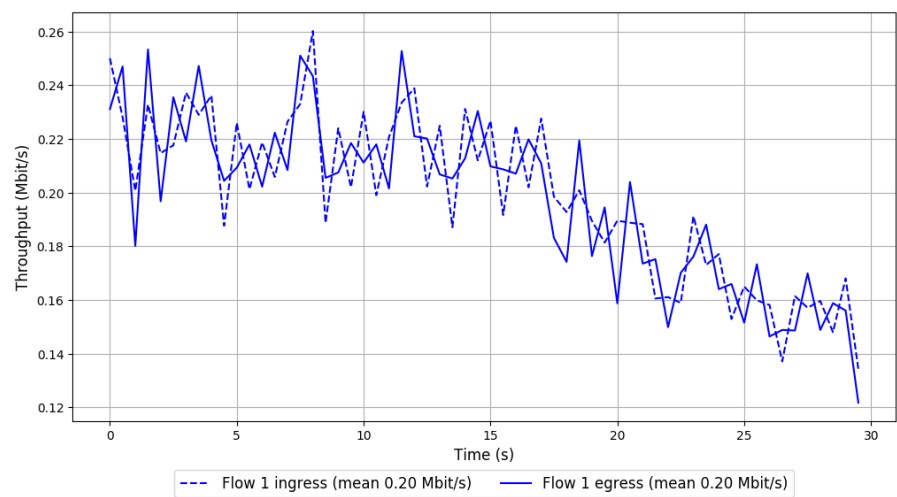


Run 7: Statistics of SCReAM

Start at: 2018-03-13 03:37:32
End at: 2018-03-13 03:38:02
Local clock offset: 1.182 ms
Remote clock offset: -2.103 ms

Below is generated by plot.py at 2018-03-13 09:16:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 27.027 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 27.027 ms
Loss rate: 0.61%

Run 7: Report of SCRaM — Data Link



Run 8: Statistics of SCReAM

Start at: 2018-03-13 04:02:07

End at: 2018-03-13 04:02:37

Local clock offset: 1.242 ms

Remote clock offset: -4.6 ms

Below is generated by plot.py at 2018-03-13 09:16:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.12 Mbit/s

95th percentile per-packet one-way delay: 30.867 ms

Loss rate: 1.33%

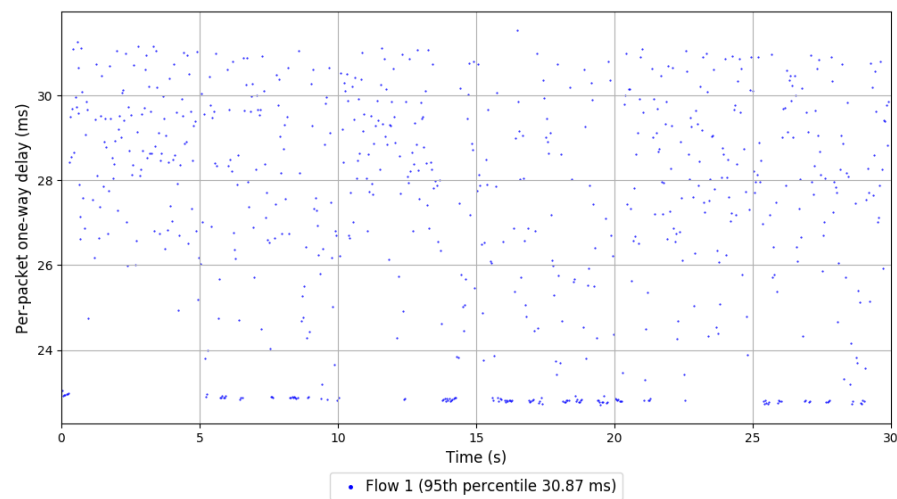
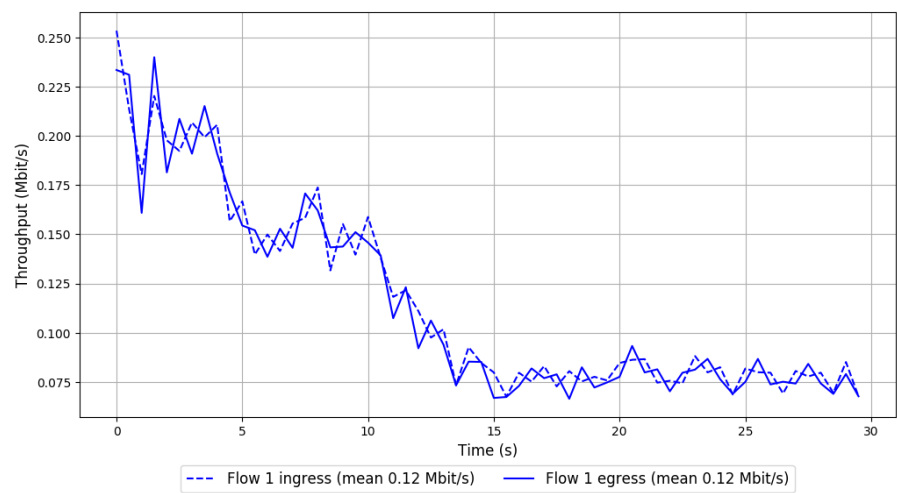
-- Flow 1:

Average throughput: 0.12 Mbit/s

95th percentile per-packet one-way delay: 30.867 ms

Loss rate: 1.33%

Run 8: Report of SReAM — Data Link

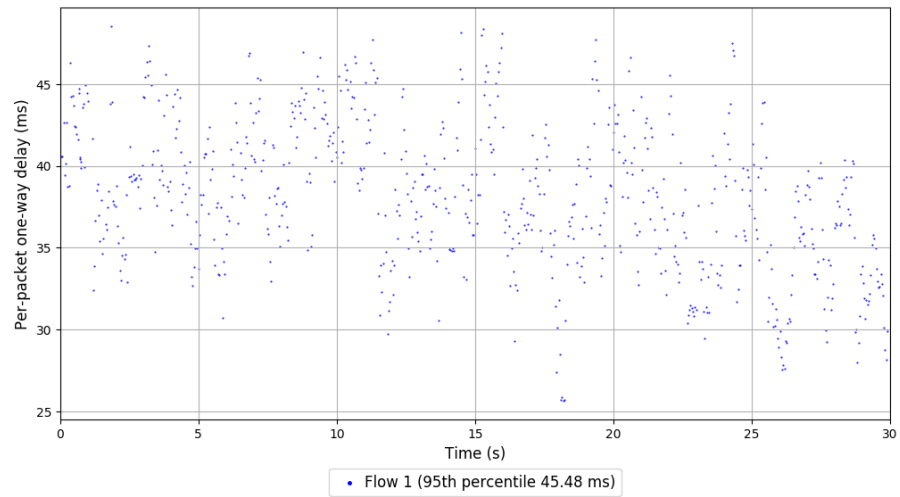
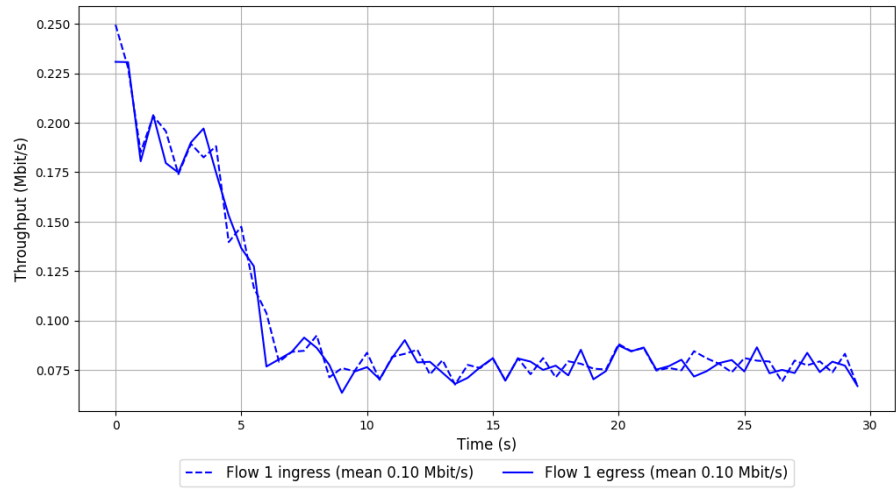


Run 9: Statistics of SReAM

Start at: 2018-03-13 04:29:20
End at: 2018-03-13 04:29:50
Local clock offset: 1.368 ms
Remote clock offset: -8.247 ms

Below is generated by plot.py at 2018-03-13 09:16:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.10 Mbit/s
95th percentile per-packet one-way delay: 45.475 ms
Loss rate: 1.29%
-- Flow 1:
Average throughput: 0.10 Mbit/s
95th percentile per-packet one-way delay: 45.475 ms
Loss rate: 1.29%

Run 9: Report of SReAM — Data Link

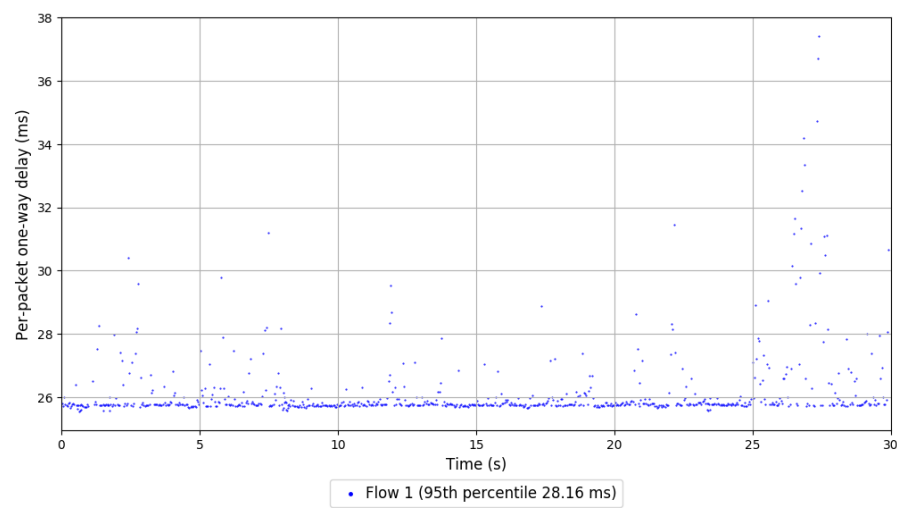
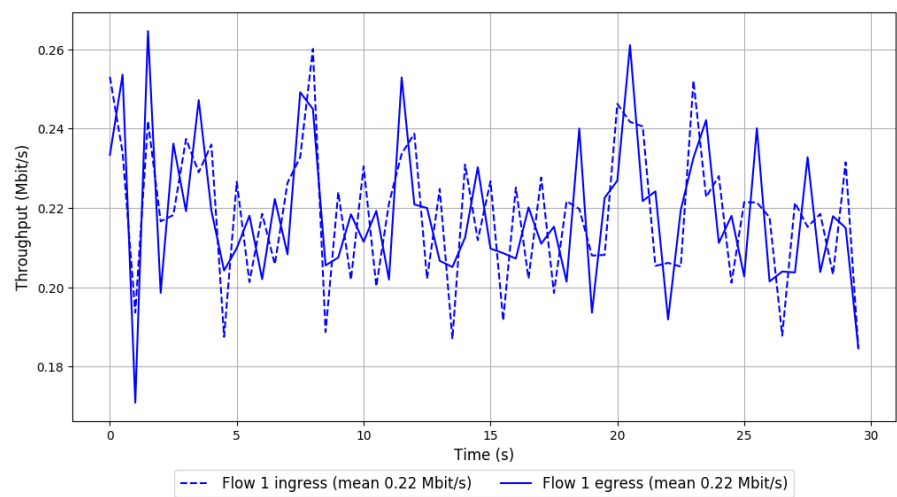


Run 10: Statistics of SCReAM

Start at: 2018-03-13 04:53:55
End at: 2018-03-13 04:54:25
Local clock offset: 1.394 ms
Remote clock offset: -6.285 ms

Below is generated by plot.py at 2018-03-13 09:16:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 28.160 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 28.160 ms
Loss rate: 0.13%

Run 10: Report of SCRaM — Data Link

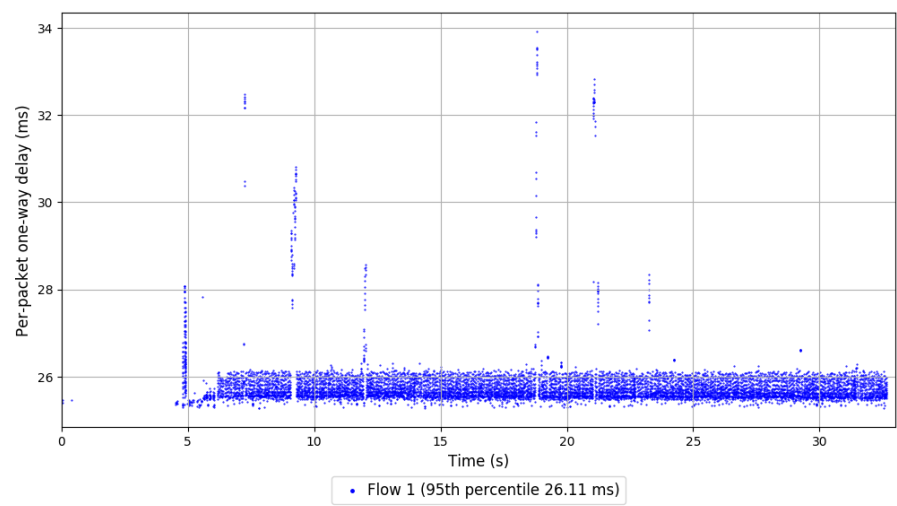
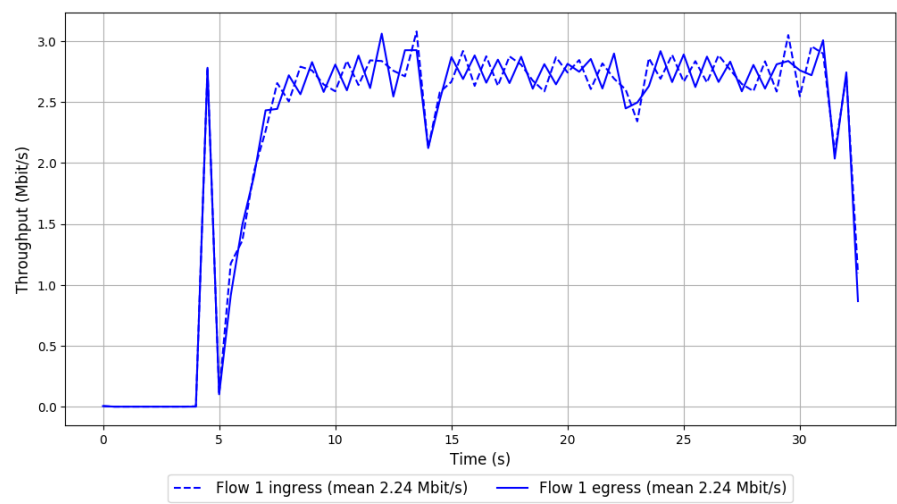


```
Run 1: Statistics of WebRTC media

Start at: 2018-03-13 01:08:28
End at: 2018-03-13 01:08:58
Local clock offset: 1.638 ms
Remote clock offset: -3.281 ms

# Below is generated by plot.py at 2018-03-13 09:16:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.24 Mbit/s
95th percentile per-packet one-way delay: 26.111 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 2.24 Mbit/s
95th percentile per-packet one-way delay: 26.111 ms
Loss rate: 0.26%
```

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: 2018-03-13 01:33:07

End at: 2018-03-13 01:33:37

Local clock offset: 1.968 ms

Remote clock offset: 0.407 ms

Below is generated by plot.py at 2018-03-13 09:16:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.38 Mbit/s

95th percentile per-packet one-way delay: 23.696 ms

Loss rate: 0.25%

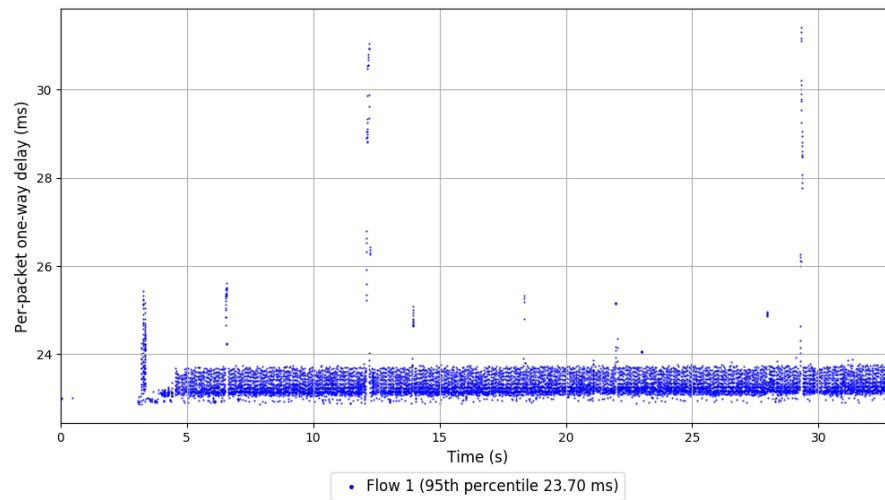
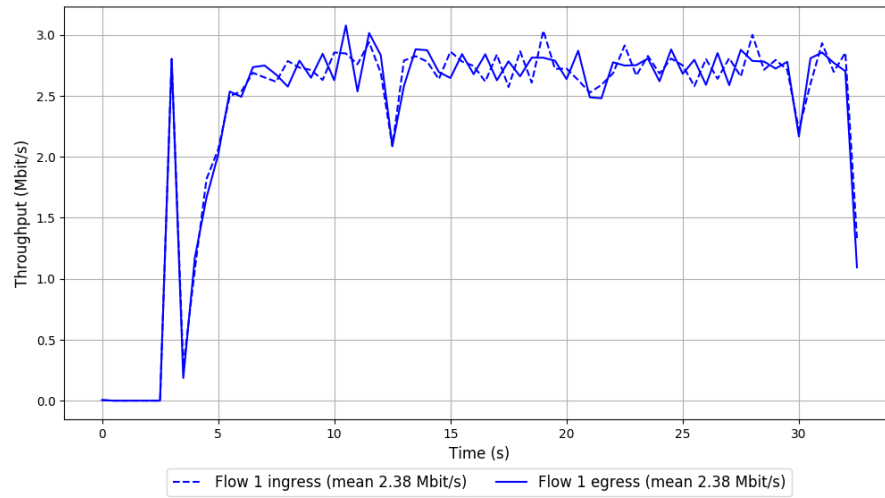
-- Flow 1:

Average throughput: 2.38 Mbit/s

95th percentile per-packet one-way delay: 23.696 ms

Loss rate: 0.25%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: 2018-03-13 01:57:35

End at: 2018-03-13 01:58:06

Local clock offset: 1.173 ms

Remote clock offset: 1.292 ms

Below is generated by plot.py at 2018-03-13 09:16:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.38 Mbit/s

95th percentile per-packet one-way delay: 23.716 ms

Loss rate: 0.28%

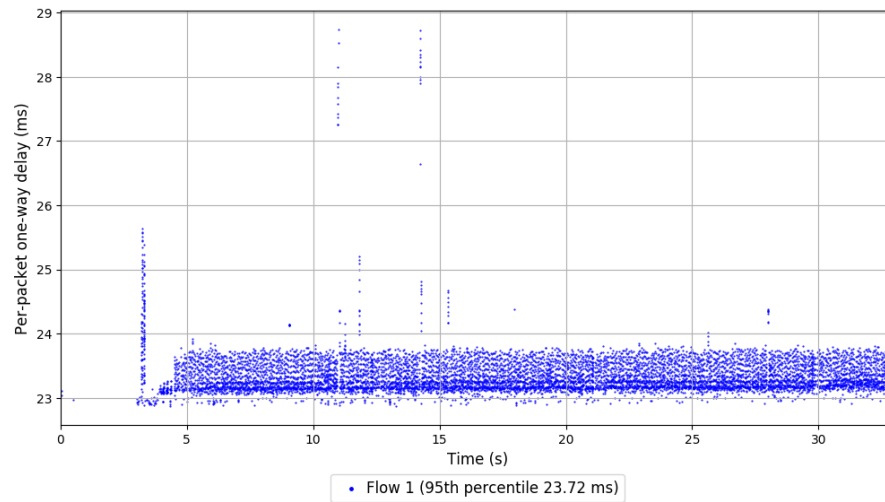
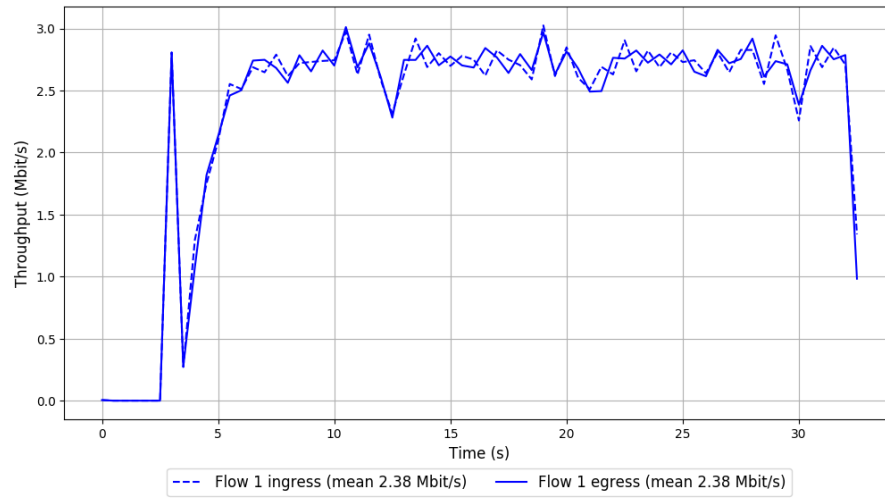
-- Flow 1:

Average throughput: 2.38 Mbit/s

95th percentile per-packet one-way delay: 23.716 ms

Loss rate: 0.28%

Run 3: Report of WebRTC media — Data Link

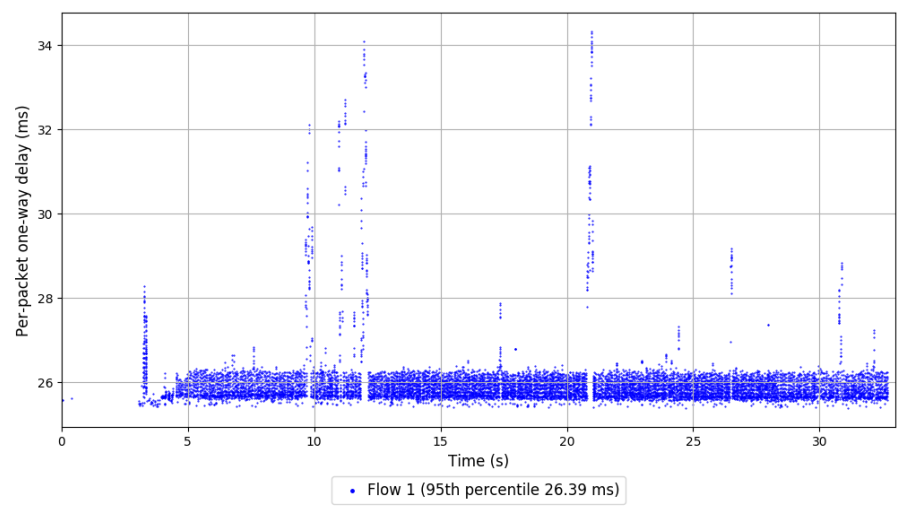
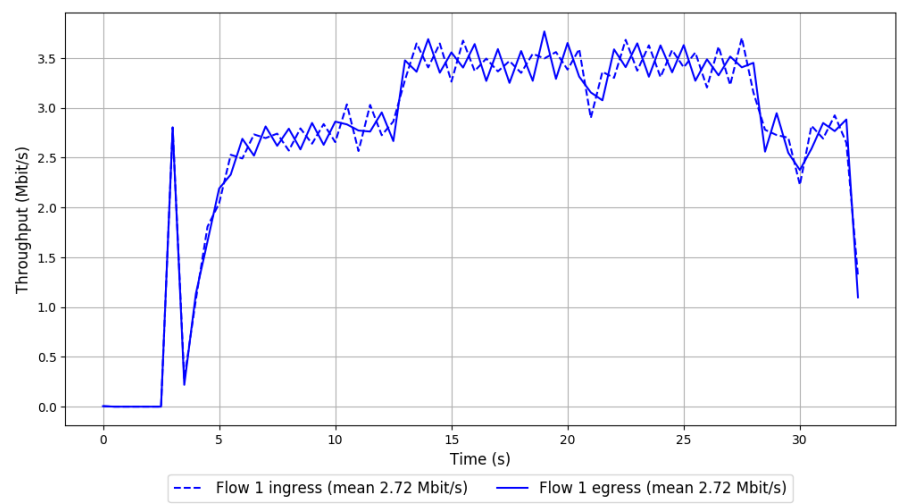


Run 4: Statistics of WebRTC media

Start at: 2018-03-13 02:22:10
End at: 2018-03-13 02:22:40
Local clock offset: 1.001 ms
Remote clock offset: -2.393 ms

Below is generated by plot.py at 2018-03-13 09:16:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.72 Mbit/s
95th percentile per-packet one-way delay: 26.395 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 2.72 Mbit/s
95th percentile per-packet one-way delay: 26.395 ms
Loss rate: 0.15%

Run 4: Report of WebRTC media — Data Link

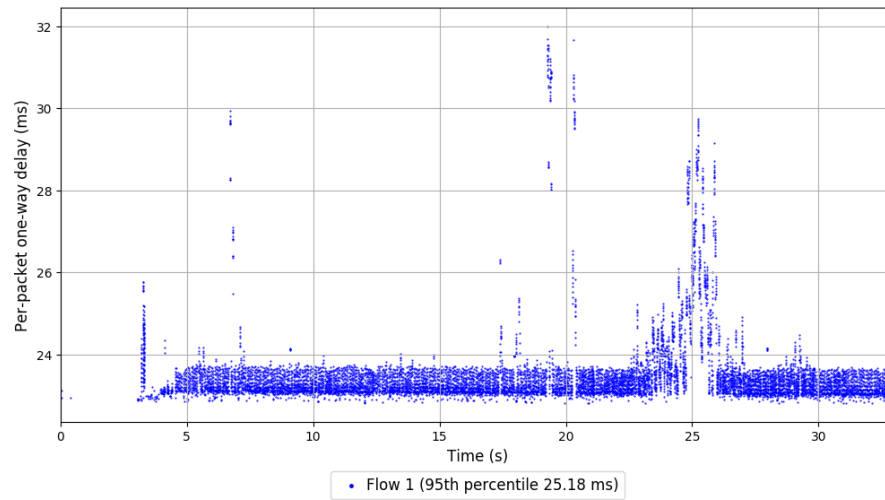
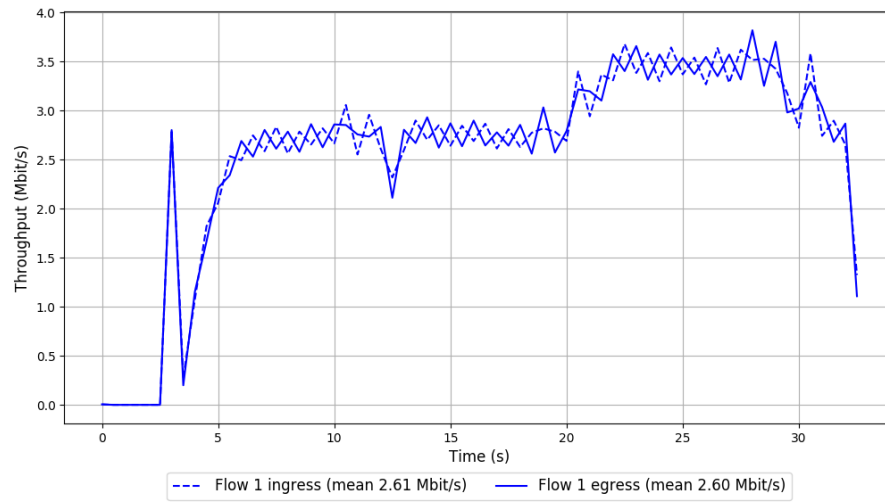


Run 5: Statistics of WebRTC media

Start at: 2018-03-13 02:46:39
End at: 2018-03-13 02:47:09
Local clock offset: 0.988 ms
Remote clock offset: -0.891 ms

Below is generated by plot.py at 2018-03-13 09:16:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.60 Mbit/s
95th percentile per-packet one-way delay: 25.180 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 2.60 Mbit/s
95th percentile per-packet one-way delay: 25.180 ms
Loss rate: 0.15%

Run 5: Report of WebRTC media — Data Link

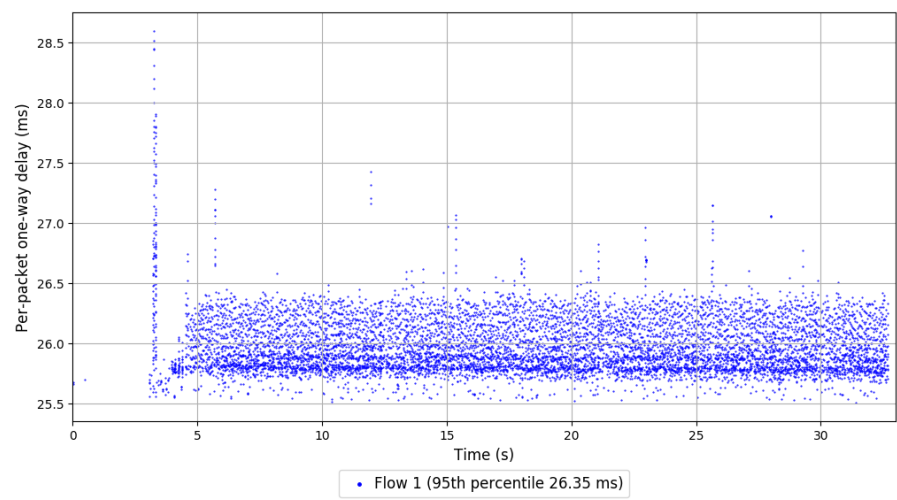
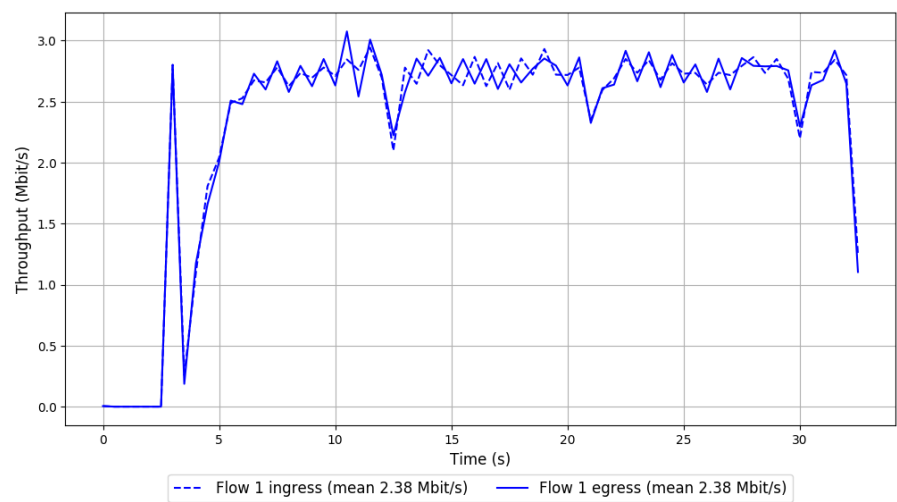


Run 6: Statistics of WebRTC media

Start at: 2018-03-13 03:11:47
End at: 2018-03-13 03:12:17
Local clock offset: 1.124 ms
Remote clock offset: -5.865 ms

Below is generated by plot.py at 2018-03-13 09:16:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.38 Mbit/s
95th percentile per-packet one-way delay: 26.346 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 2.38 Mbit/s
95th percentile per-packet one-way delay: 26.346 ms
Loss rate: 0.23%

Run 6: Report of WebRTC media — Data Link

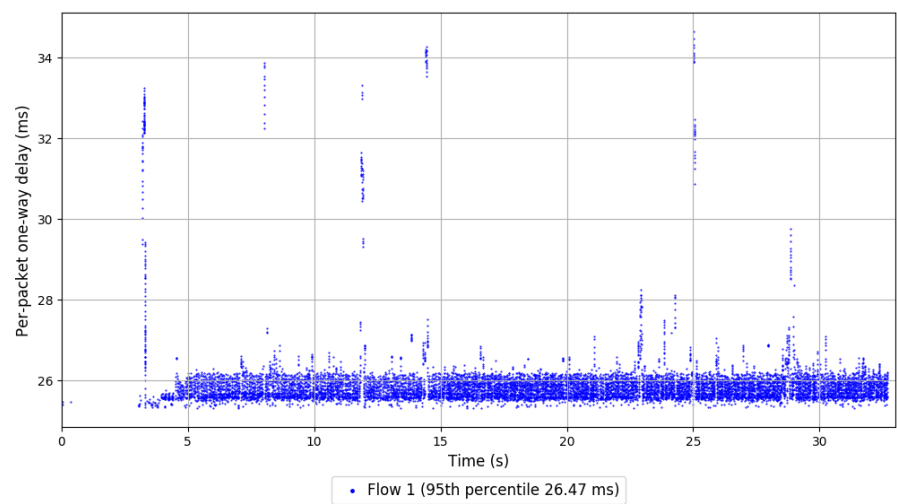
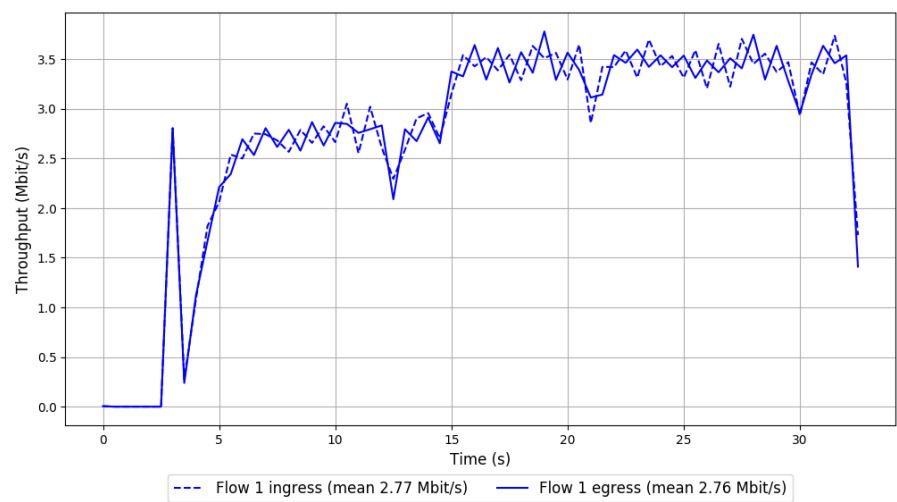


Run 7: Statistics of WebRTC media

Start at: 2018-03-13 03:36:16
End at: 2018-03-13 03:36:46
Local clock offset: 1.175 ms
Remote clock offset: -4.643 ms

Below is generated by plot.py at 2018-03-13 09:16:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.76 Mbit/s
95th percentile per-packet one-way delay: 26.474 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 2.76 Mbit/s
95th percentile per-packet one-way delay: 26.474 ms
Loss rate: 0.26%

Run 7: Report of WebRTC media — Data Link

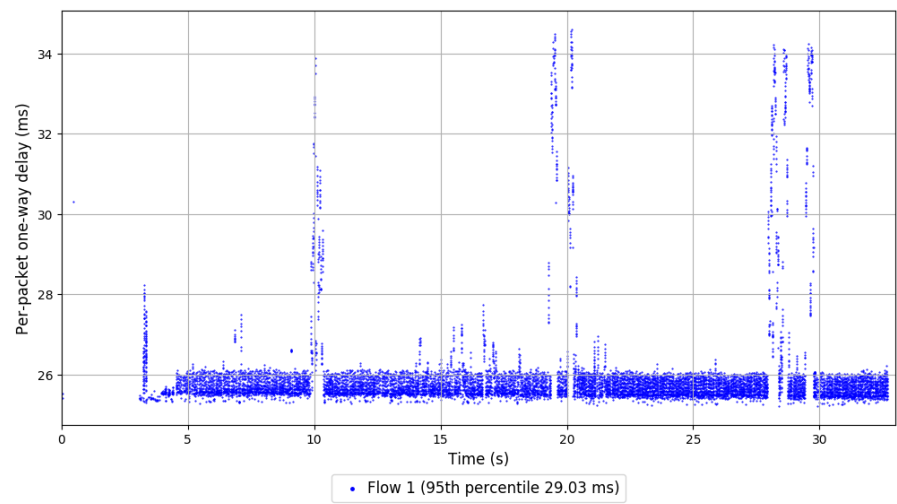
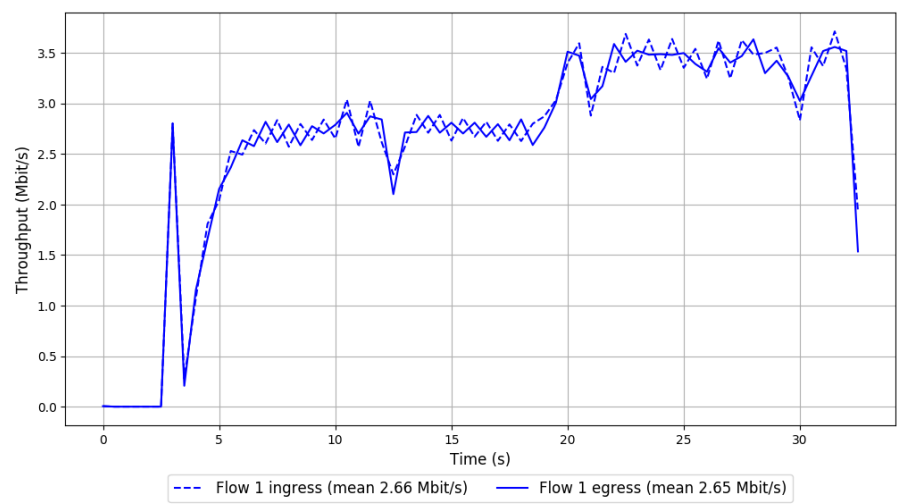


Run 8: Statistics of WebRTC media

Start at: 2018-03-13 04:00:50
End at: 2018-03-13 04:01:20
Local clock offset: 1.237 ms
Remote clock offset: -6.981 ms

Below is generated by plot.py at 2018-03-13 09:16:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.65 Mbit/s
95th percentile per-packet one-way delay: 29.027 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 2.65 Mbit/s
95th percentile per-packet one-way delay: 29.027 ms
Loss rate: 0.51%

Run 8: Report of WebRTC media — Data Link

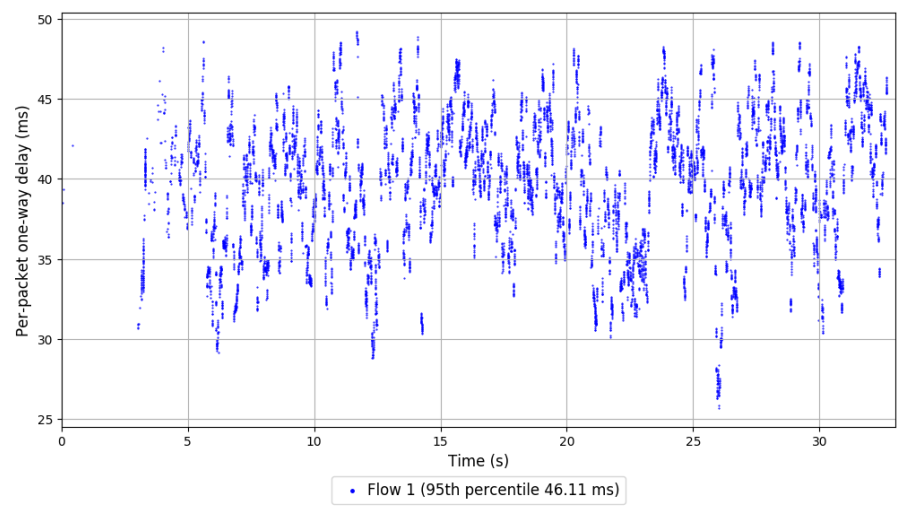
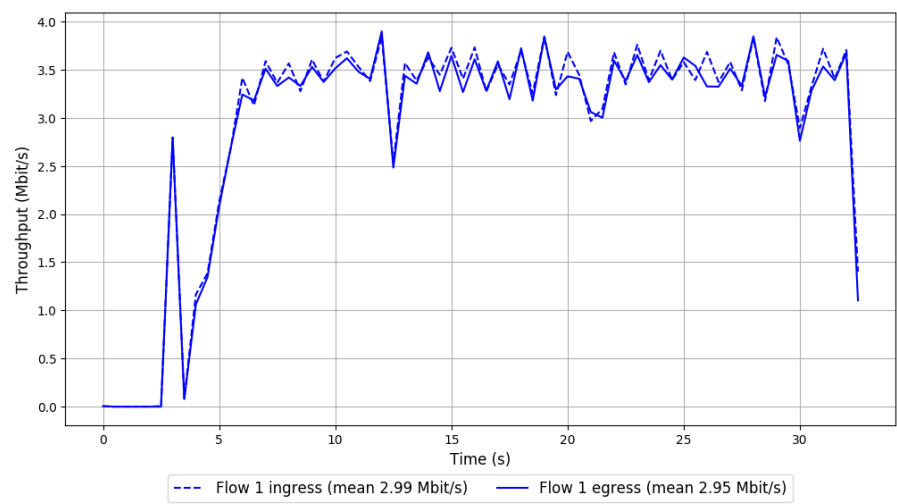


Run 9: Statistics of WebRTC media

Start at: 2018-03-13 04:28:01
End at: 2018-03-13 04:28:32
Local clock offset: 1.232 ms
Remote clock offset: -8.653 ms

Below is generated by plot.py at 2018-03-13 09:16:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.95 Mbit/s
95th percentile per-packet one-way delay: 46.106 ms
Loss rate: 1.63%
-- Flow 1:
Average throughput: 2.95 Mbit/s
95th percentile per-packet one-way delay: 46.106 ms
Loss rate: 1.63%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-03-13 04:52:39

End at: 2018-03-13 04:53:09

Local clock offset: 1.303 ms

Remote clock offset: -3.797 ms

Below is generated by plot.py at 2018-03-13 09:16:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.38 Mbit/s

95th percentile per-packet one-way delay: 24.272 ms

Loss rate: 0.24%

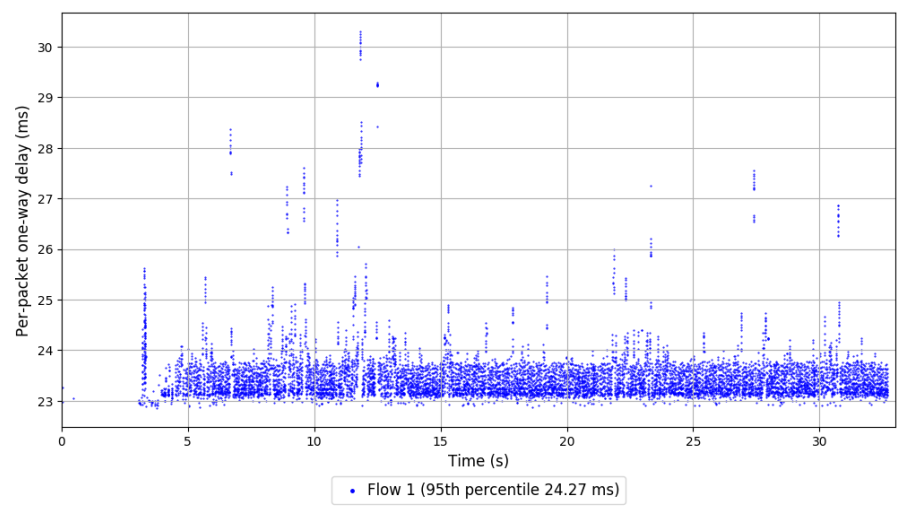
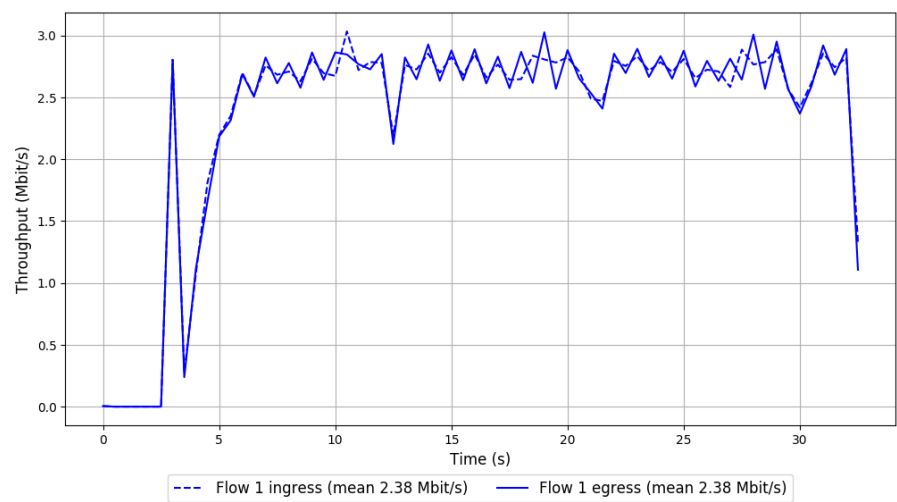
-- Flow 1:

Average throughput: 2.38 Mbit/s

95th percentile per-packet one-way delay: 24.272 ms

Loss rate: 0.24%

Run 10: Report of WebRTC media — Data Link

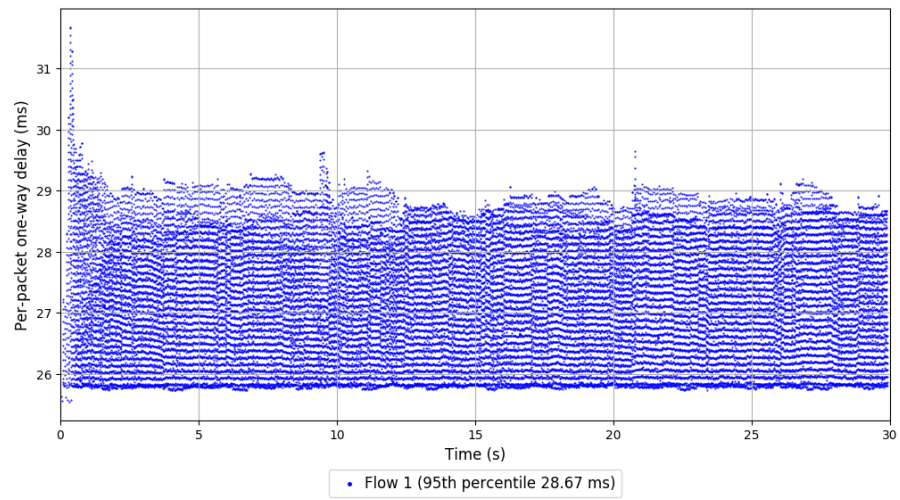
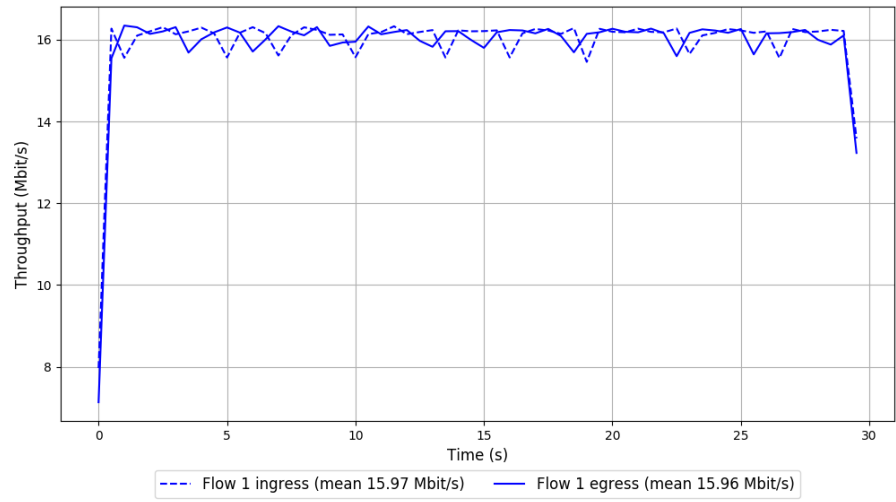


Run 1: Statistics of Sprout

Start at: 2018-03-13 00:54:52
End at: 2018-03-13 00:55:22
Local clock offset: 1.15 ms
Remote clock offset: -3.226 ms

Below is generated by plot.py at 2018-03-13 09:16:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.96 Mbit/s
95th percentile per-packet one-way delay: 28.672 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 15.96 Mbit/s
95th percentile per-packet one-way delay: 28.672 ms
Loss rate: 0.17%

Run 1: Report of Sprout — Data Link

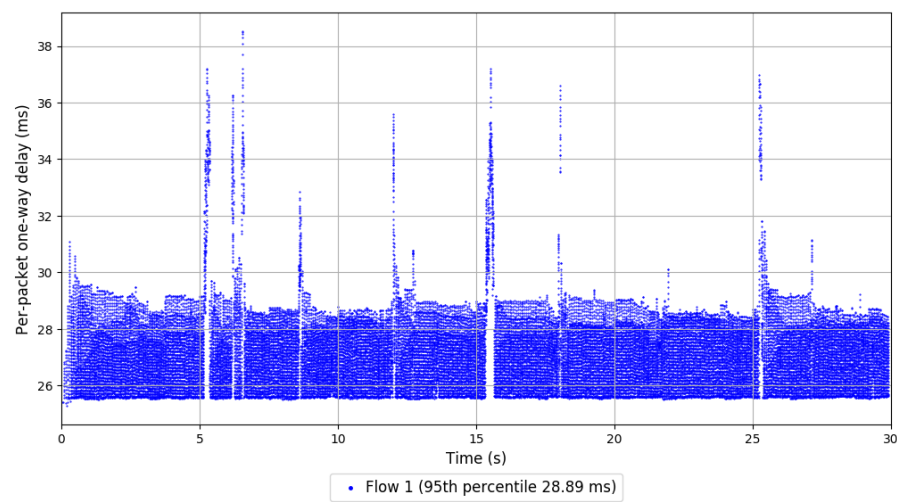
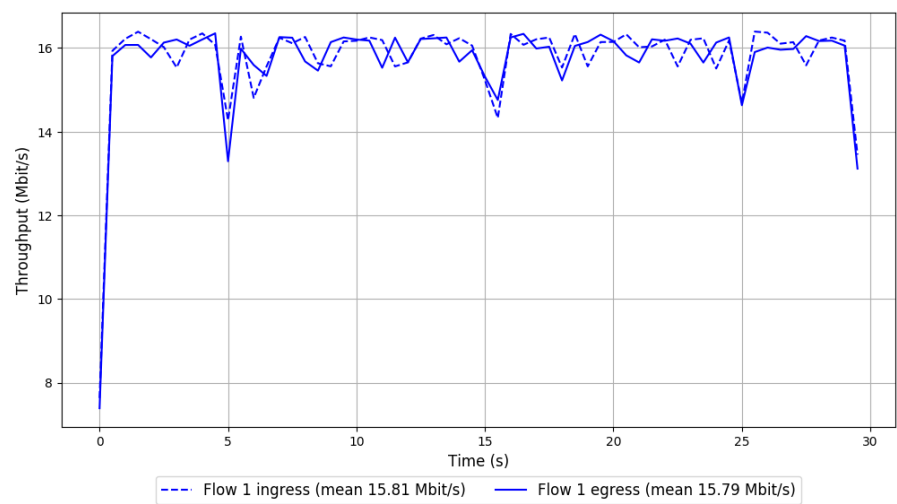


Run 2: Statistics of Sprout

Start at: 2018-03-13 01:19:29
End at: 2018-03-13 01:19:59
Local clock offset: 1.829 ms
Remote clock offset: -3.139 ms

Below is generated by plot.py at 2018-03-13 09:16:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.79 Mbit/s
95th percentile per-packet one-way delay: 28.895 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 15.79 Mbit/s
95th percentile per-packet one-way delay: 28.895 ms
Loss rate: 0.26%

Run 2: Report of Sprout — Data Link



Run 3: Statistics of Sprout

Start at: 2018-03-13 01:43:58

End at: 2018-03-13 01:44:28

Local clock offset: 1.386 ms

Remote clock offset: 0.601 ms

Below is generated by plot.py at 2018-03-13 09:16:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 15.61 Mbit/s

95th percentile per-packet one-way delay: 26.487 ms

Loss rate: 0.33%

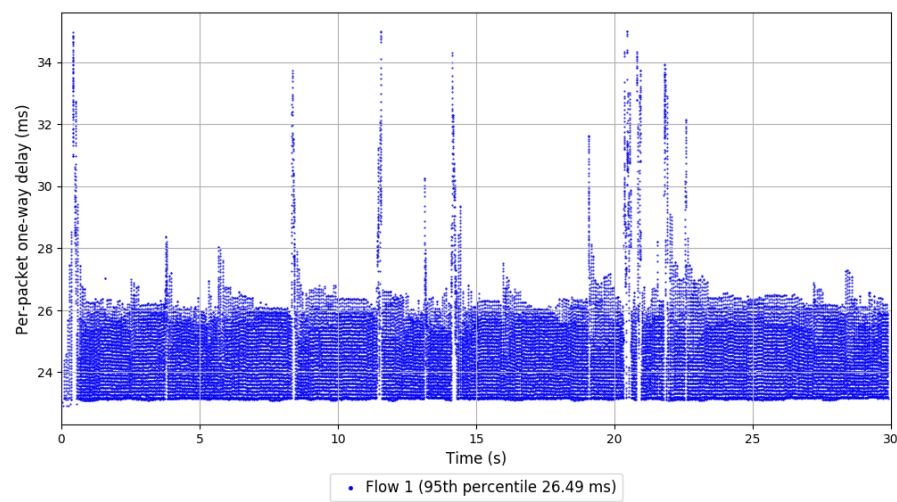
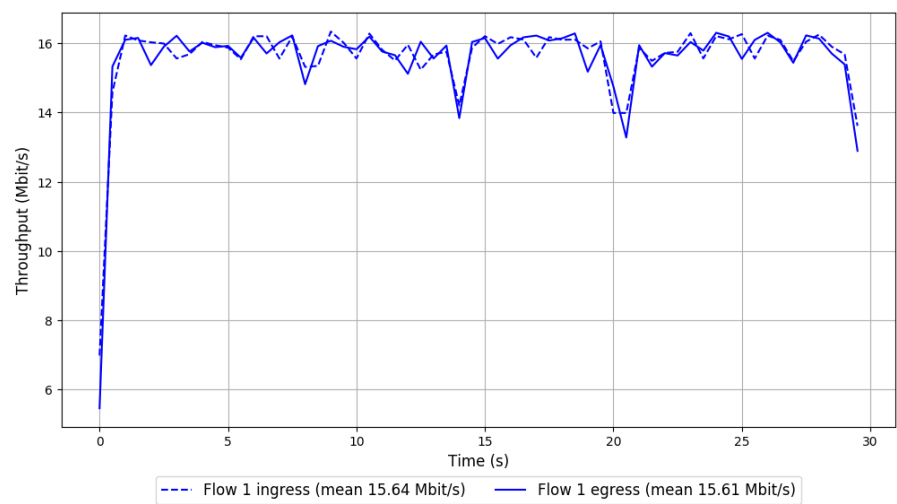
-- Flow 1:

Average throughput: 15.61 Mbit/s

95th percentile per-packet one-way delay: 26.487 ms

Loss rate: 0.33%

Run 3: Report of Sprout — Data Link

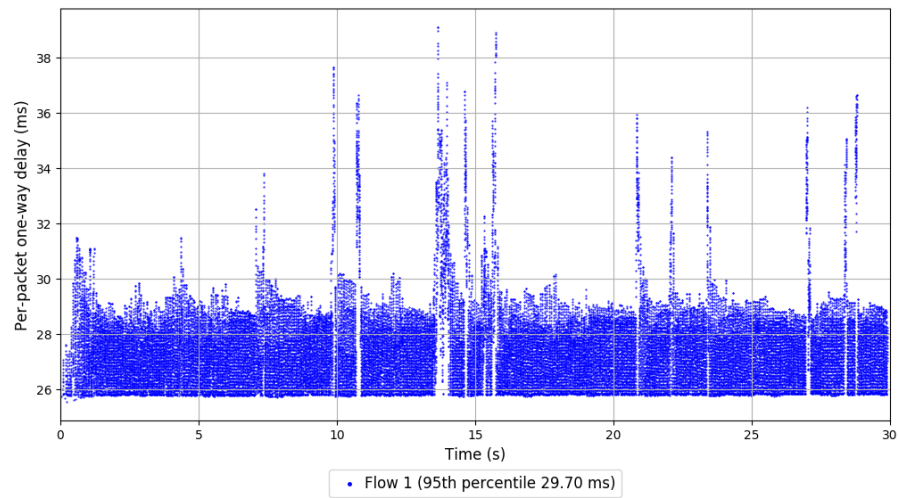
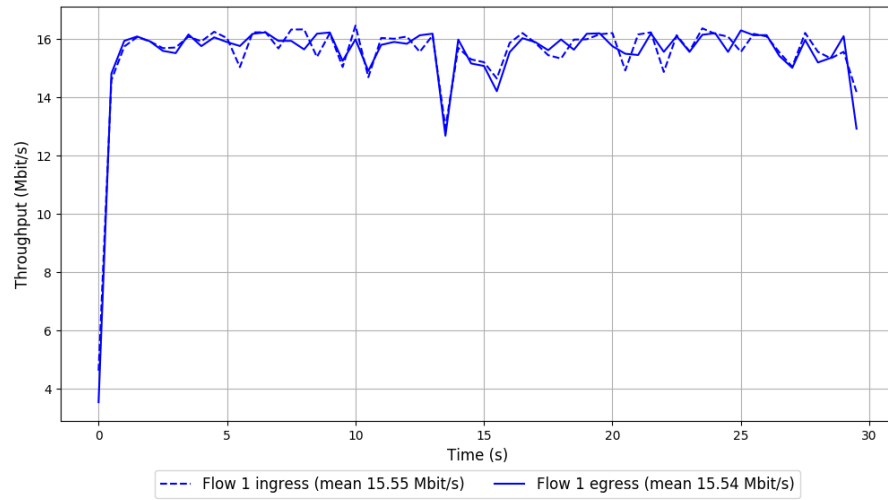


Run 4: Statistics of Sprout

Start at: 2018-03-13 02:08:19
End at: 2018-03-13 02:08:49
Local clock offset: 1.116 ms
Remote clock offset: -0.394 ms

Below is generated by plot.py at 2018-03-13 09:16:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.54 Mbit/s
95th percentile per-packet one-way delay: 29.701 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 15.54 Mbit/s
95th percentile per-packet one-way delay: 29.701 ms
Loss rate: 0.28%

Run 4: Report of Sprout — Data Link

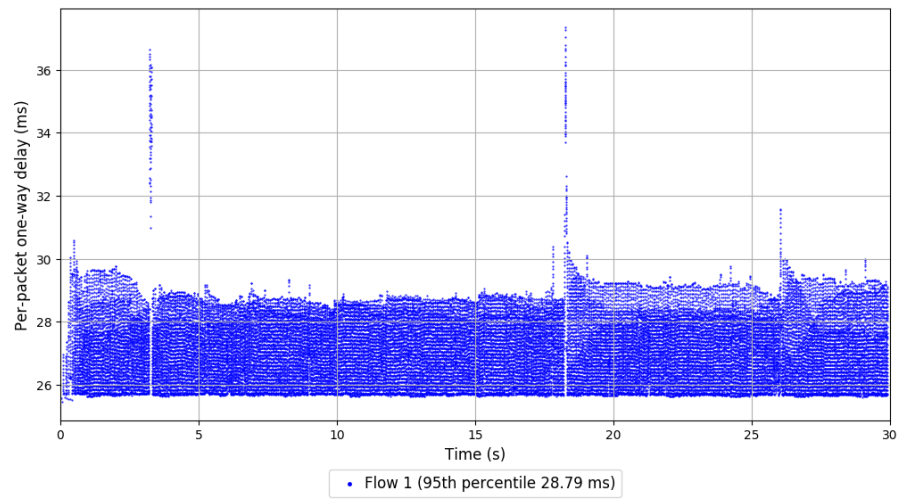
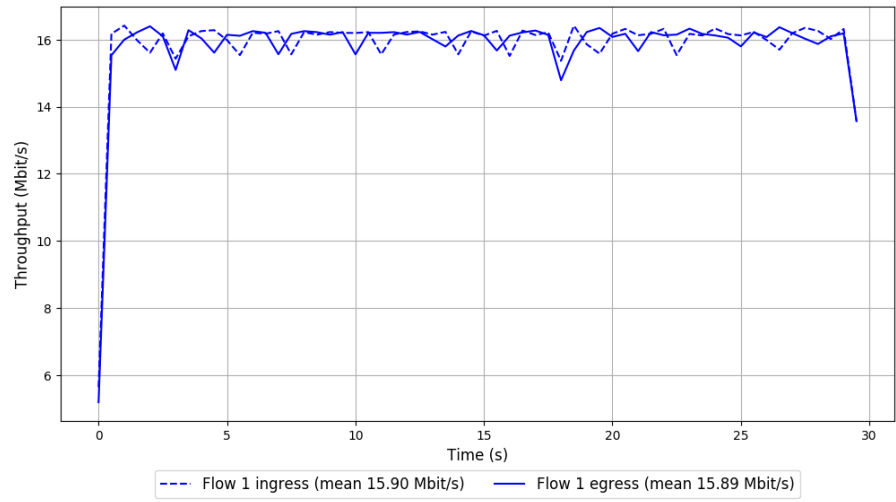


Run 5: Statistics of Sprout

Start at: 2018-03-13 02:32:47
End at: 2018-03-13 02:33:17
Local clock offset: 0.953 ms
Remote clock offset: -3.009 ms

Below is generated by plot.py at 2018-03-13 09:16:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.89 Mbit/s
95th percentile per-packet one-way delay: 28.785 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 15.89 Mbit/s
95th percentile per-packet one-way delay: 28.785 ms
Loss rate: 0.18%

Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

Start at: 2018-03-13 02:58:26

End at: 2018-03-13 02:58:56

Local clock offset: 1.0 ms

Remote clock offset: -4.832 ms

Below is generated by plot.py at 2018-03-13 09:16:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 15.88 Mbit/s

95th percentile per-packet one-way delay: 28.552 ms

Loss rate: 0.20%

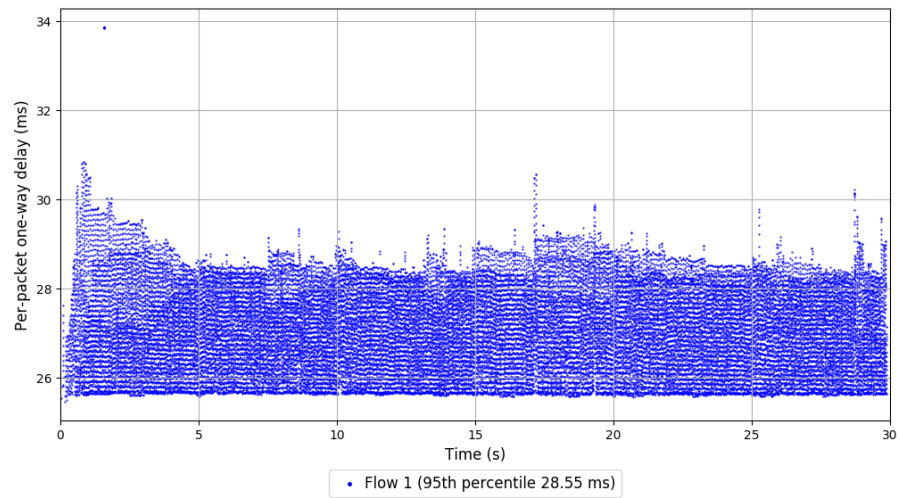
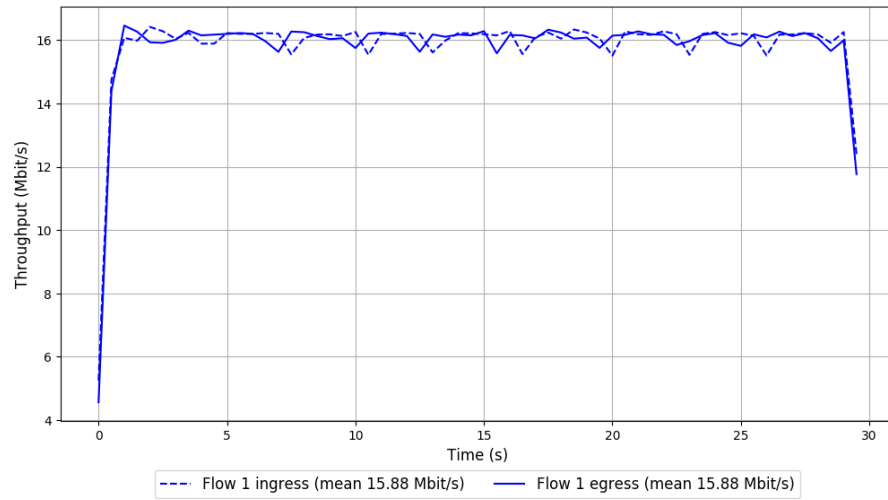
-- Flow 1:

Average throughput: 15.88 Mbit/s

95th percentile per-packet one-way delay: 28.552 ms

Loss rate: 0.20%

Run 6: Report of Sprout — Data Link

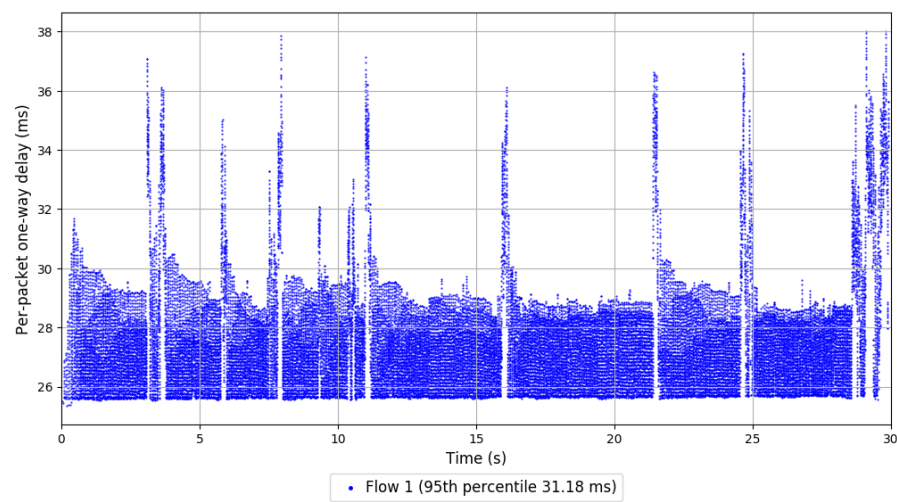
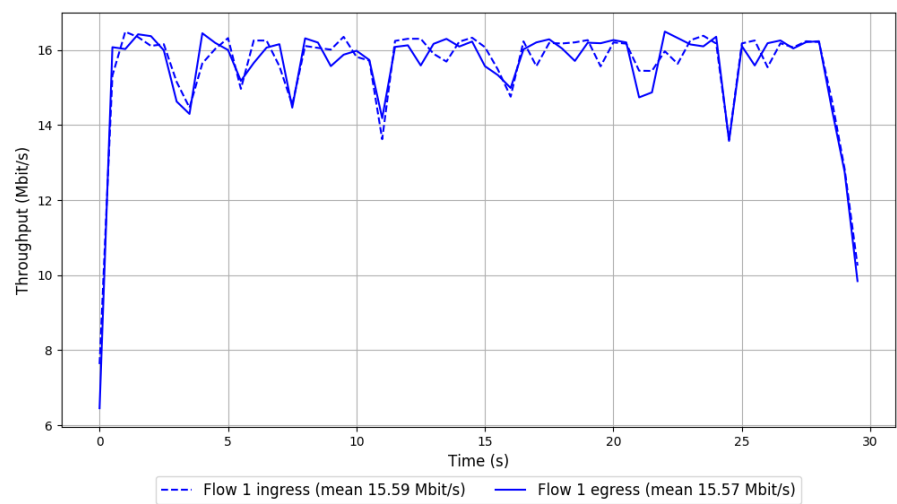


Run 7: Statistics of Sprout

Start at: 2018-03-13 03:22:31
End at: 2018-03-13 03:23:01
Local clock offset: 1.12 ms
Remote clock offset: -5.577 ms

Below is generated by plot.py at 2018-03-13 09:16:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.57 Mbit/s
95th percentile per-packet one-way delay: 31.176 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 15.57 Mbit/s
95th percentile per-packet one-way delay: 31.176 ms
Loss rate: 0.22%

Run 7: Report of Sprout — Data Link

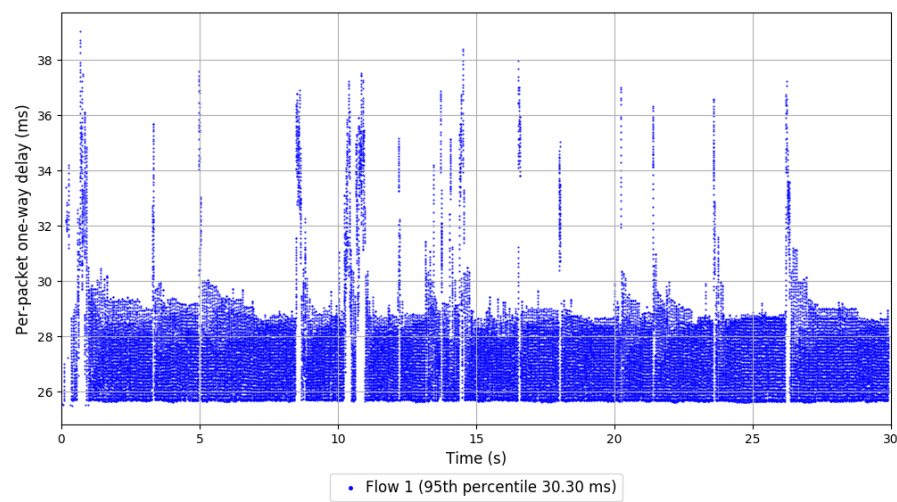
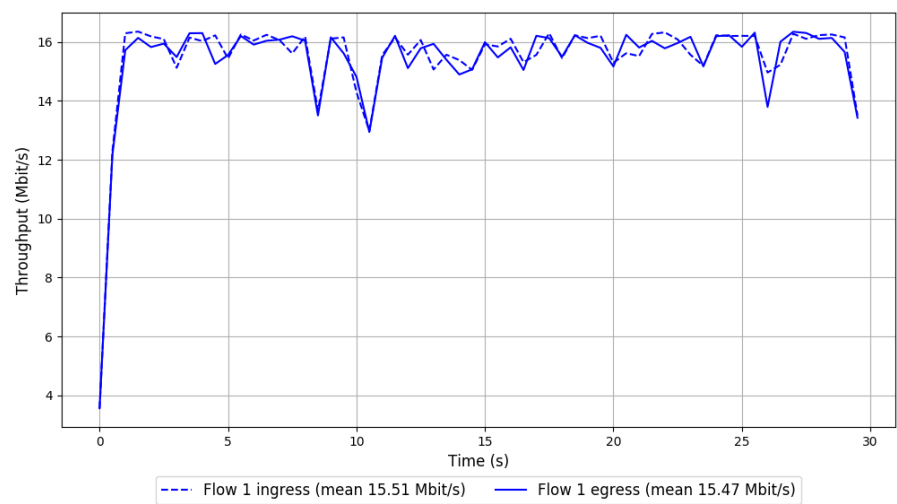


Run 8: Statistics of Sprout

Start at: 2018-03-13 03:47:04
End at: 2018-03-13 03:47:34
Local clock offset: 1.262 ms
Remote clock offset: -4.944 ms

Below is generated by plot.py at 2018-03-13 09:16:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.47 Mbit/s
95th percentile per-packet one-way delay: 30.303 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 15.47 Mbit/s
95th percentile per-packet one-way delay: 30.303 ms
Loss rate: 0.41%

Run 8: Report of Sprout — Data Link

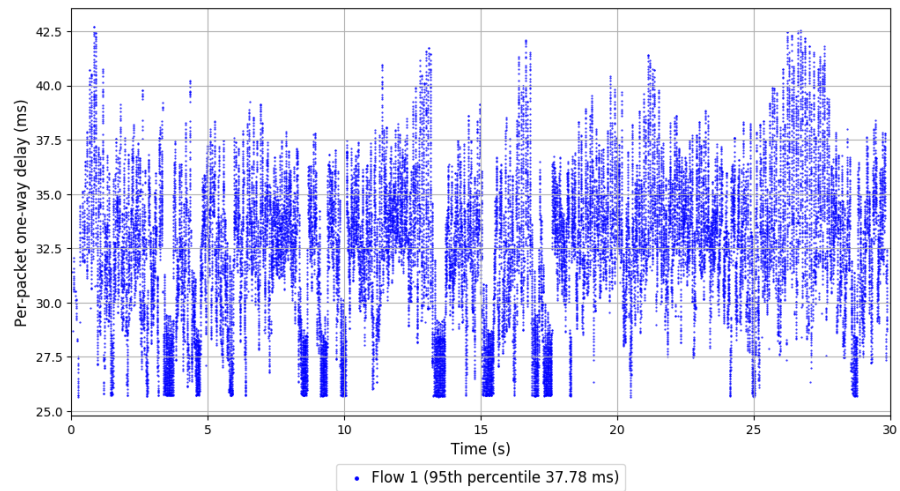
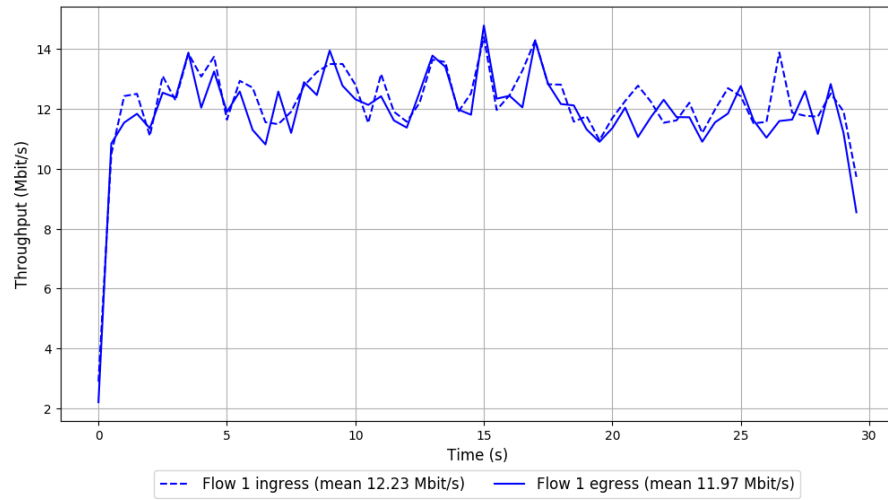


Run 9: Statistics of Sprout

Start at: 2018-03-13 04:12:33
End at: 2018-03-13 04:13:03
Local clock offset: 1.269 ms
Remote clock offset: -8.393 ms

Below is generated by plot.py at 2018-03-13 09:16:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.97 Mbit/s
95th percentile per-packet one-way delay: 37.783 ms
Loss rate: 2.30%
-- Flow 1:
Average throughput: 11.97 Mbit/s
95th percentile per-packet one-way delay: 37.783 ms
Loss rate: 2.30%

Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: 2018-03-13 04:38:56

End at: 2018-03-13 04:39:26

Local clock offset: 1.335 ms

Remote clock offset: -7.043 ms

Below is generated by plot.py at 2018-03-13 09:16:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.92 Mbit/s

95th percentile per-packet one-way delay: 45.461 ms

Loss rate: 0.71%

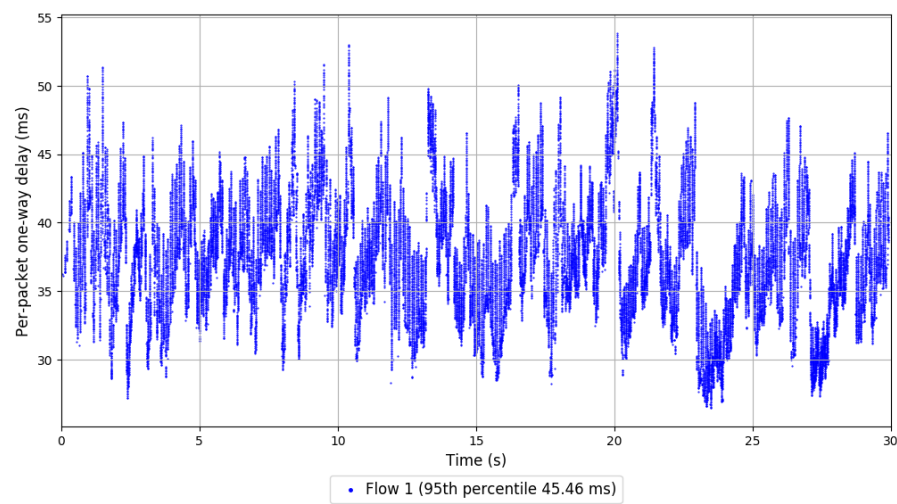
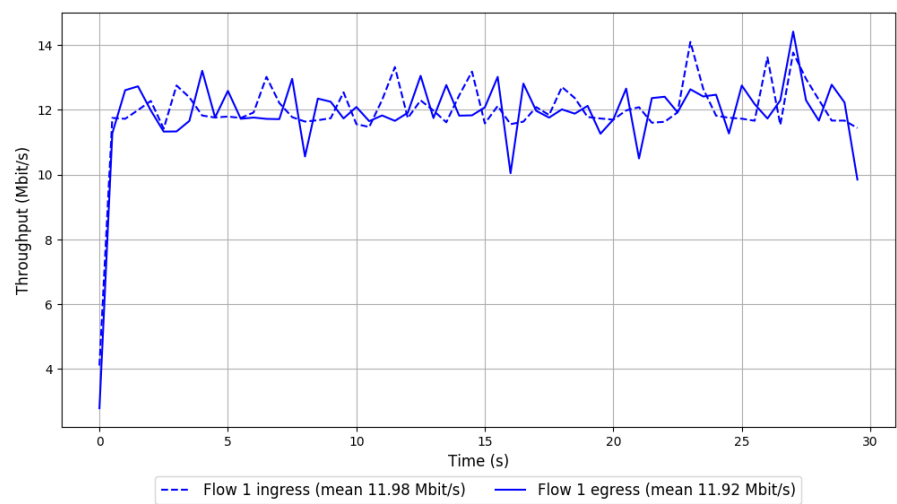
-- Flow 1:

Average throughput: 11.92 Mbit/s

95th percentile per-packet one-way delay: 45.461 ms

Loss rate: 0.71%

Run 10: Report of Sprout — Data Link

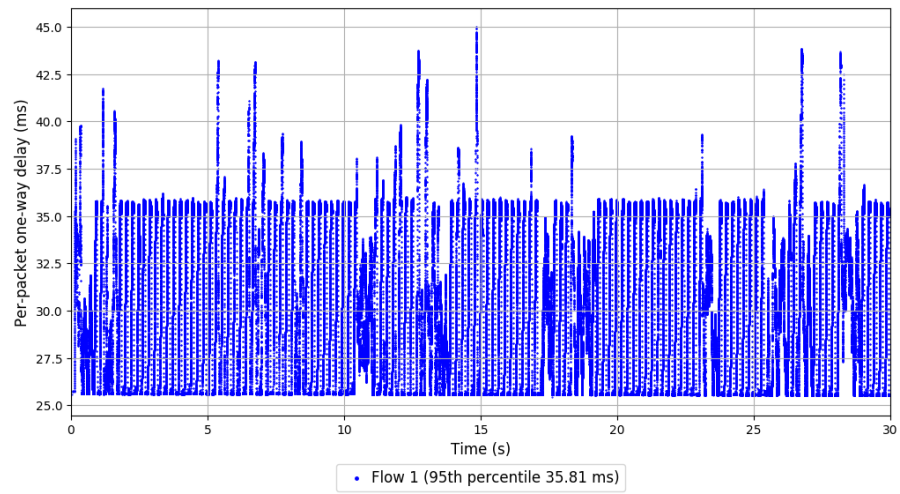
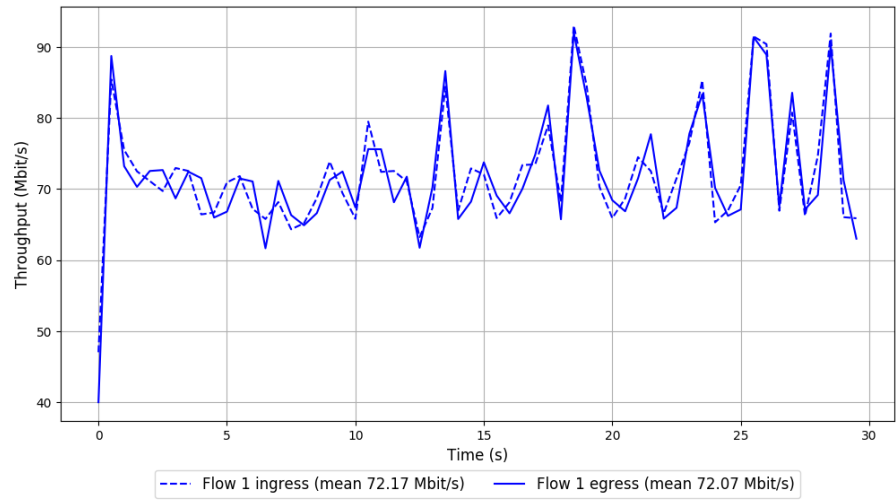


```
Run 1: Statistics of TaoVA-100x

Start at: 2018-03-13 01:02:46
End at: 2018-03-13 01:03:16
Local clock offset: 1.289 ms
Remote clock offset: -2.945 ms

# Below is generated by plot.py at 2018-03-13 09:18:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.07 Mbit/s
95th percentile per-packet one-way delay: 35.808 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 72.07 Mbit/s
95th percentile per-packet one-way delay: 35.808 ms
Loss rate: 0.31%
```

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



Run 2: Statistics of TaoVA-100x

Start at: 2018-03-13 01:27:28

End at: 2018-03-13 01:27:58

Local clock offset: 1.967 ms

Remote clock offset: -2.678 ms

Below is generated by plot.py at 2018-03-13 09:18:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.72 Mbit/s

95th percentile per-packet one-way delay: 36.082 ms

Loss rate: 0.44%

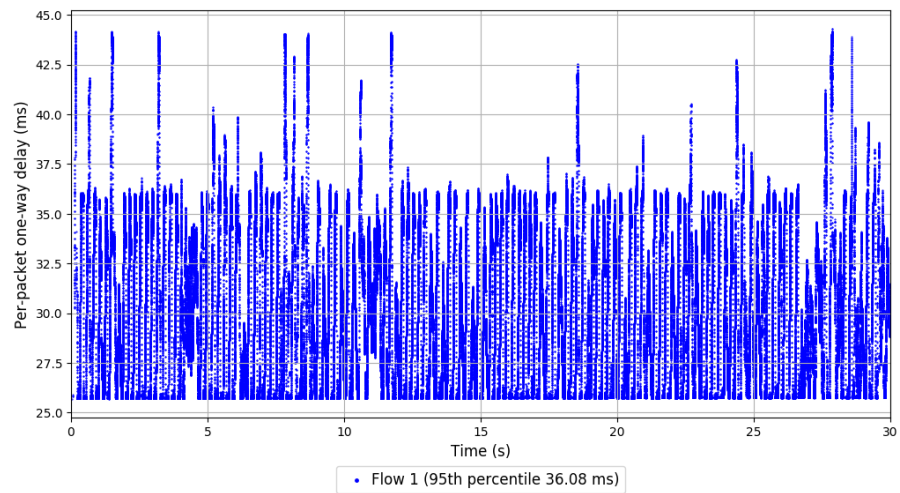
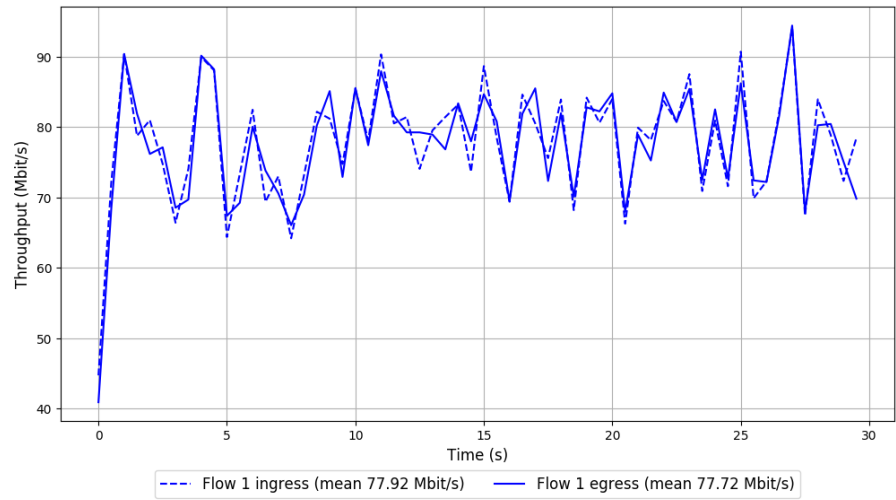
-- Flow 1:

Average throughput: 77.72 Mbit/s

95th percentile per-packet one-way delay: 36.082 ms

Loss rate: 0.44%

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



Run 3: Statistics of TaoVA-100x

Start at: 2018-03-13 01:52:05

End at: 2018-03-13 01:52:35

Local clock offset: 1.176 ms

Remote clock offset: -1.515 ms

Below is generated by plot.py at 2018-03-13 09:18:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 71.47 Mbit/s

95th percentile per-packet one-way delay: 35.693 ms

Loss rate: 0.51%

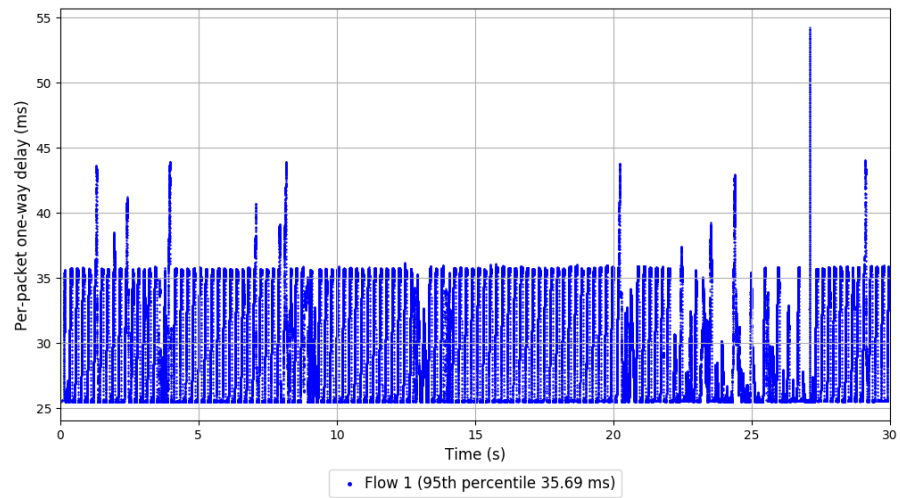
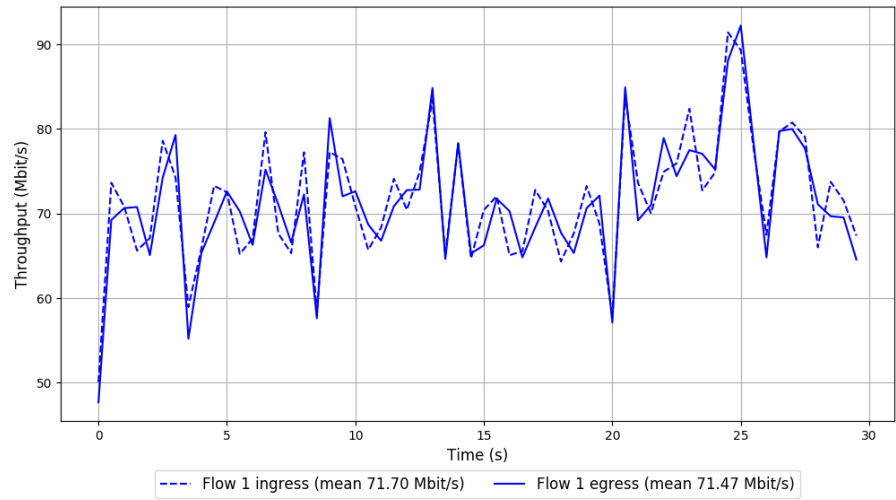
-- Flow 1:

Average throughput: 71.47 Mbit/s

95th percentile per-packet one-way delay: 35.693 ms

Loss rate: 0.51%

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



Run 4: Statistics of TaoVA-100x

Start at: 2018-03-13 02:16:32

End at: 2018-03-13 02:17:02

Local clock offset: 0.96 ms

Remote clock offset: -1.572 ms

Below is generated by plot.py at 2018-03-13 09:18:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.49 Mbit/s

95th percentile per-packet one-way delay: 35.673 ms

Loss rate: 0.51%

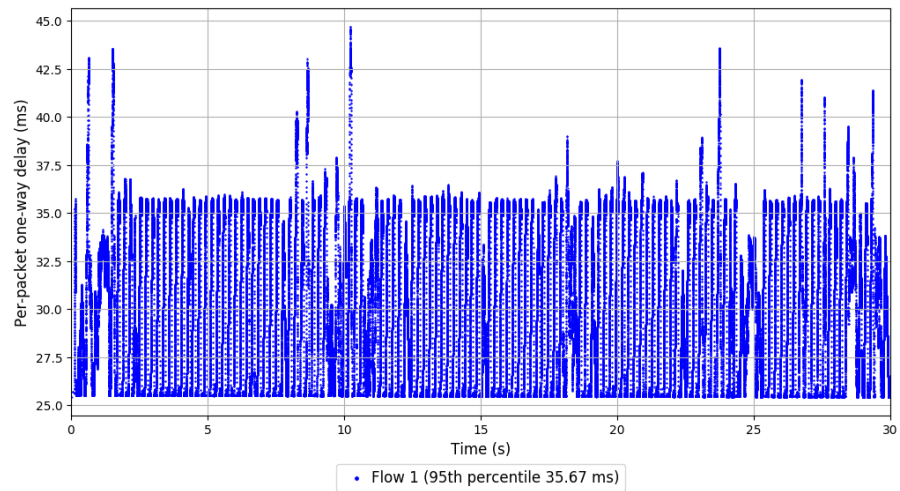
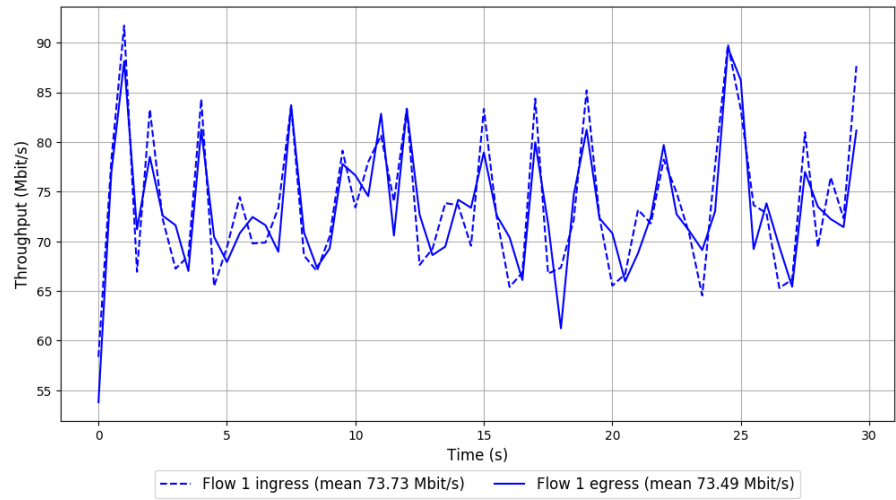
-- Flow 1:

Average throughput: 73.49 Mbit/s

95th percentile per-packet one-way delay: 35.673 ms

Loss rate: 0.51%

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

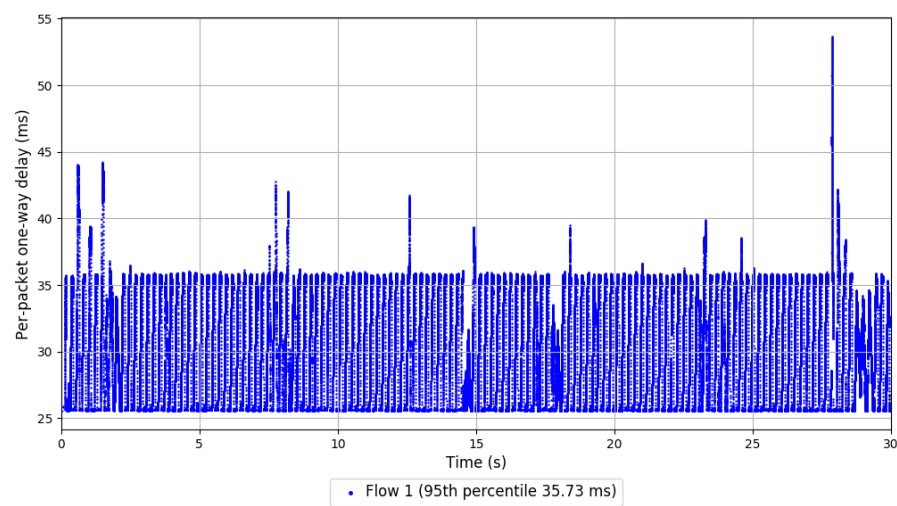
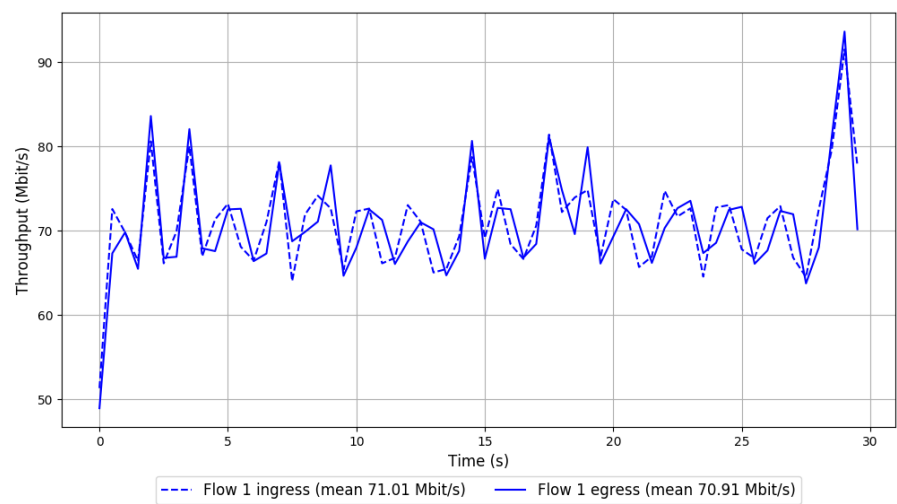


Run 5: Statistics of TaoVA-100x

Start at: 2018-03-13 02:40:41
End at: 2018-03-13 02:41:11
Local clock offset: 0.956 ms
Remote clock offset: -3.113 ms

Below is generated by plot.py at 2018-03-13 09:18:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 70.91 Mbit/s
95th percentile per-packet one-way delay: 35.734 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 70.91 Mbit/s
95th percentile per-packet one-way delay: 35.734 ms
Loss rate: 0.32%

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



Run 6: Statistics of TaoVA-100x

Start at: 2018-03-13 03:06:21

End at: 2018-03-13 03:06:51

Local clock offset: 1.114 ms

Remote clock offset: -5.513 ms

Below is generated by plot.py at 2018-03-13 09:18:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 72.25 Mbit/s

95th percentile per-packet one-way delay: 35.960 ms

Loss rate: 0.14%

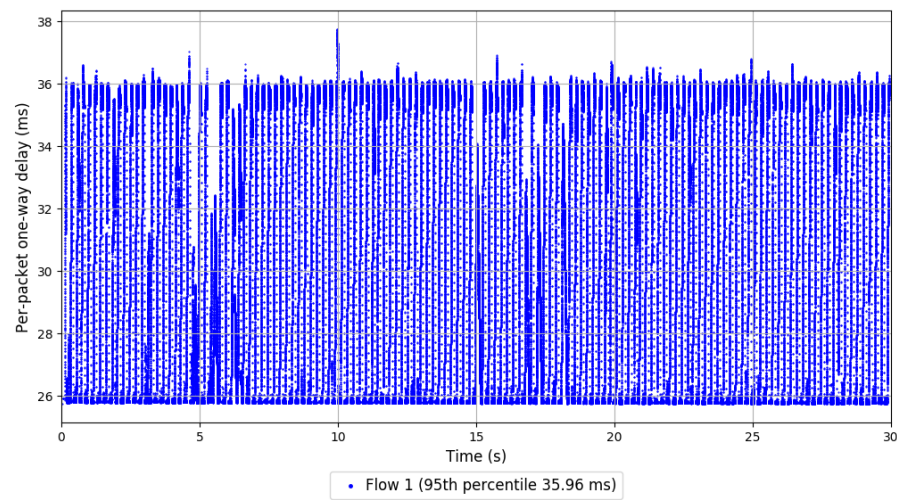
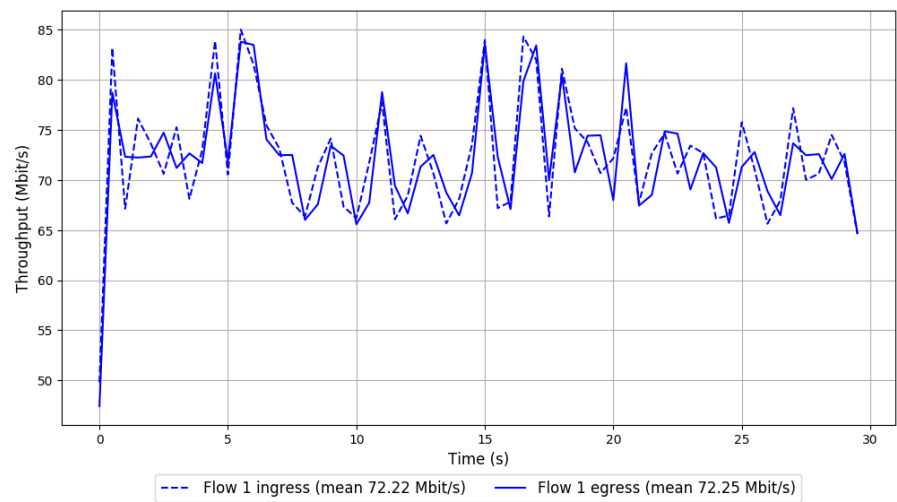
-- Flow 1:

Average throughput: 72.25 Mbit/s

95th percentile per-packet one-way delay: 35.960 ms

Loss rate: 0.14%

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

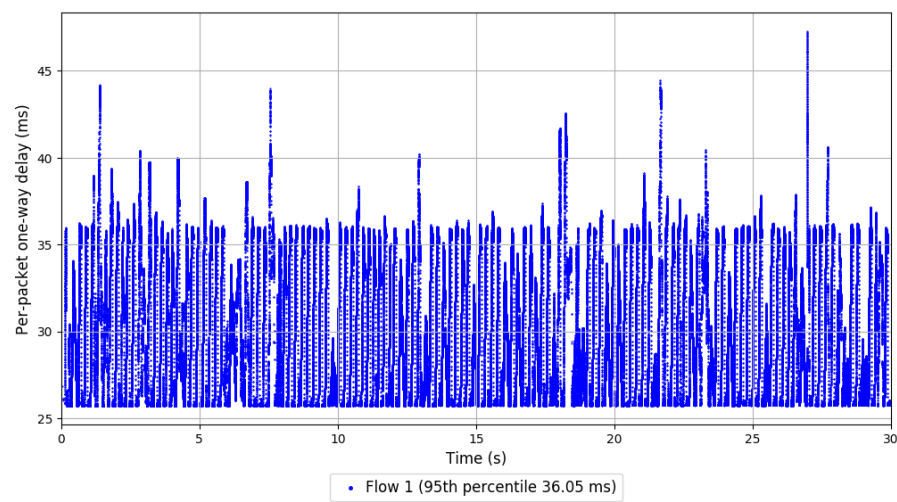
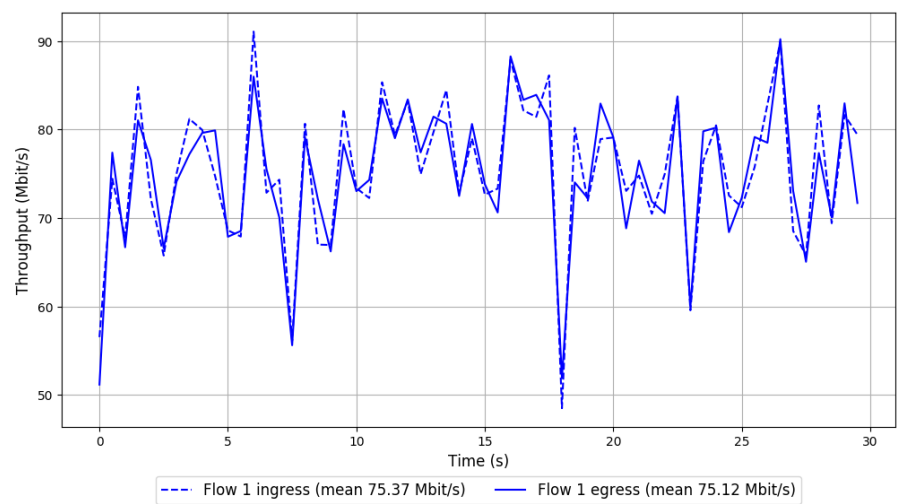


Run 7: Statistics of TaoVA-100x

Start at: 2018-03-13 03:30:32
End at: 2018-03-13 03:31:02
Local clock offset: 1.15 ms
Remote clock offset: -4.939 ms

Below is generated by plot.py at 2018-03-13 09:19:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 75.12 Mbit/s
95th percentile per-packet one-way delay: 36.055 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 75.12 Mbit/s
95th percentile per-packet one-way delay: 36.055 ms
Loss rate: 0.51%

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

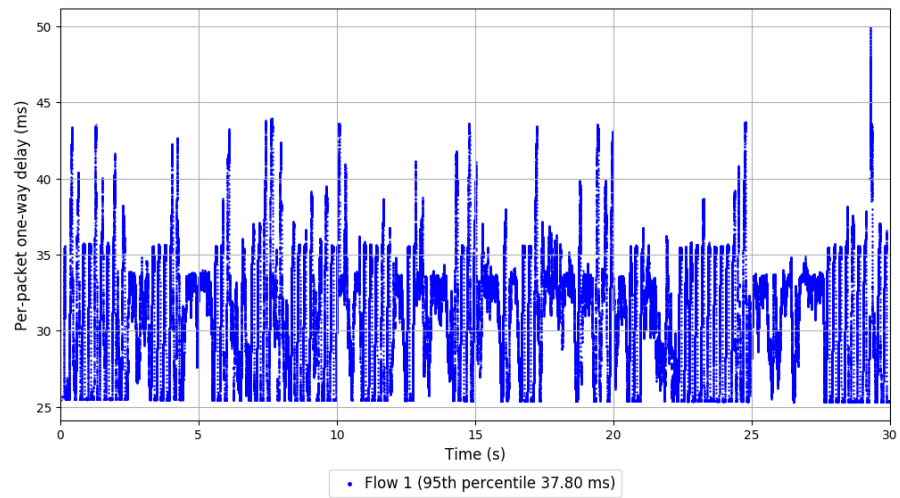
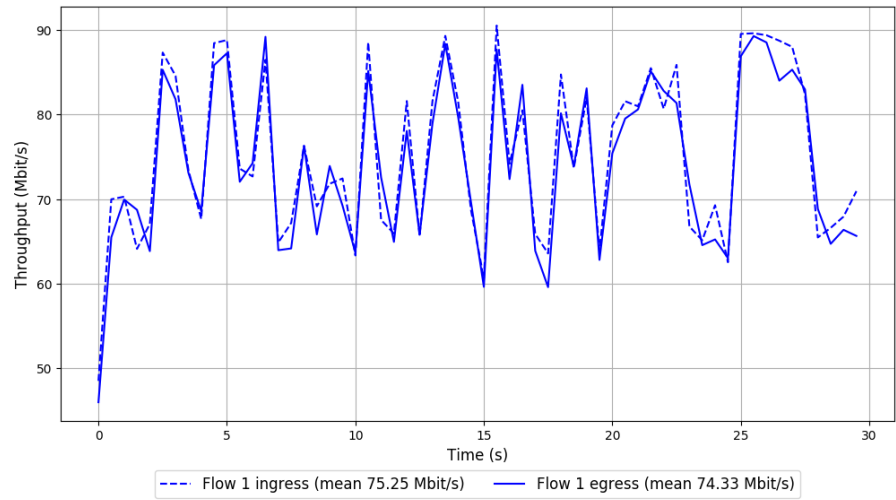


Run 8: Statistics of TaoVA-100x

Start at: 2018-03-13 03:55:01
End at: 2018-03-13 03:55:31
Local clock offset: 1.246 ms
Remote clock offset: -5.469 ms

Below is generated by plot.py at 2018-03-13 09:19:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.33 Mbit/s
95th percentile per-packet one-way delay: 37.795 ms
Loss rate: 1.41%
-- Flow 1:
Average throughput: 74.33 Mbit/s
95th percentile per-packet one-way delay: 37.795 ms
Loss rate: 1.41%

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



Run 9: Statistics of TaoVA-100x

Start at: 2018-03-13 04:20:47

End at: 2018-03-13 04:21:17

Local clock offset: 1.346 ms

Remote clock offset: -8.756 ms

Below is generated by plot.py at 2018-03-13 09:20:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 56.44 Mbit/s

95th percentile per-packet one-way delay: 44.057 ms

Loss rate: 0.75%

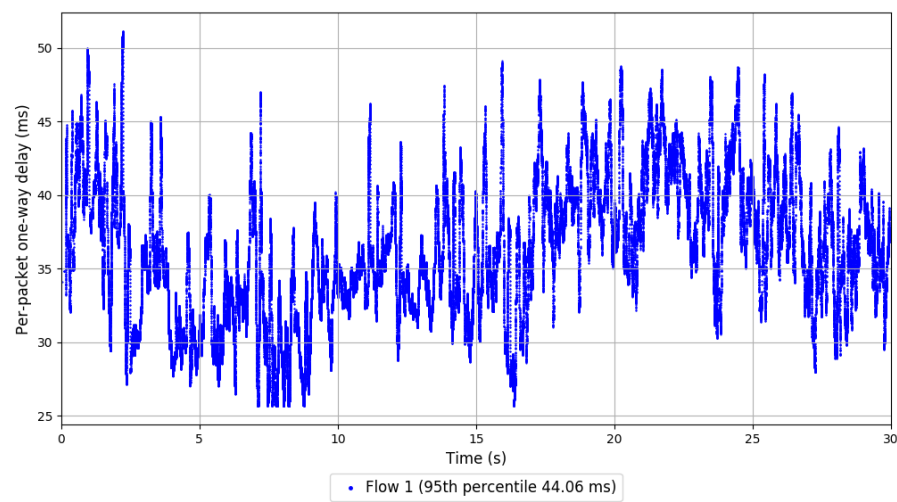
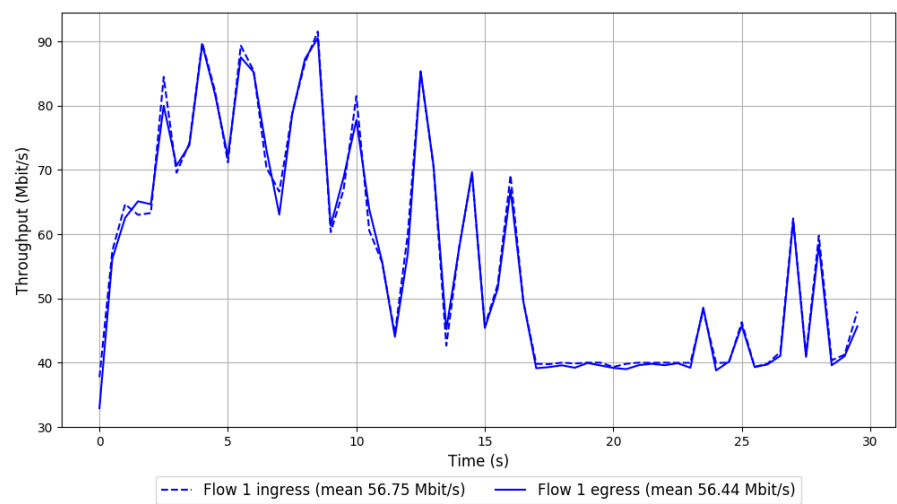
-- Flow 1:

Average throughput: 56.44 Mbit/s

95th percentile per-packet one-way delay: 44.057 ms

Loss rate: 0.75%

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



Run 10: Statistics of TaoVA-100x

Start at: 2018-03-13 04:46:59

End at: 2018-03-13 04:47:29

Local clock offset: 1.277 ms

Remote clock offset: -4.1 ms

Below is generated by plot.py at 2018-03-13 09:20:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 71.62 Mbit/s

95th percentile per-packet one-way delay: 36.903 ms

Loss rate: 0.16%

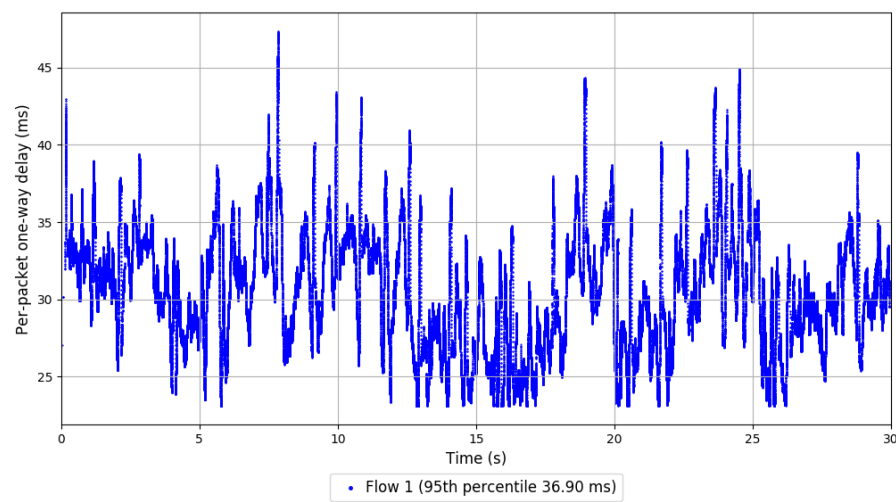
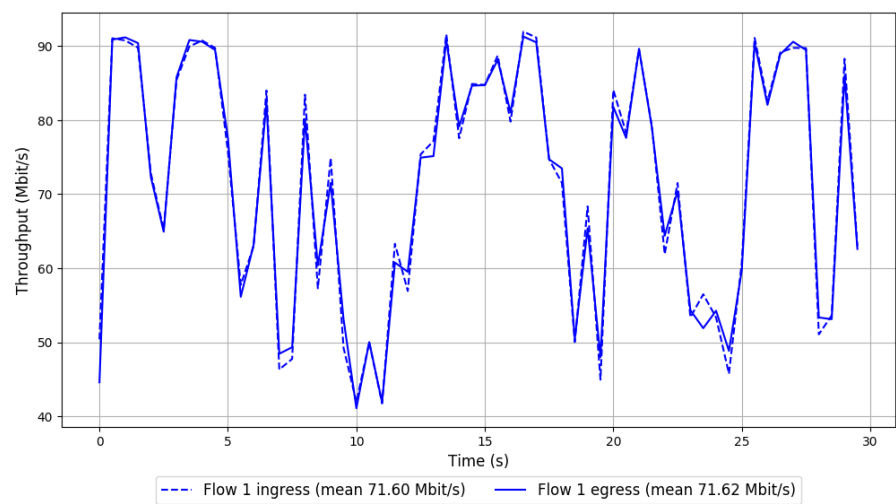
-- Flow 1:

Average throughput: 71.62 Mbit/s

95th percentile per-packet one-way delay: 36.903 ms

Loss rate: 0.16%

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



Run 1: Statistics of TCP Vegas

Start at: 2018-03-13 00:58:51

End at: 2018-03-13 00:59:21

Local clock offset: 1.002 ms

Remote clock offset: -3.07 ms

Below is generated by plot.py at 2018-03-13 09:20:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 42.30 Mbit/s

95th percentile per-packet one-way delay: 30.652 ms

Loss rate: 0.28%

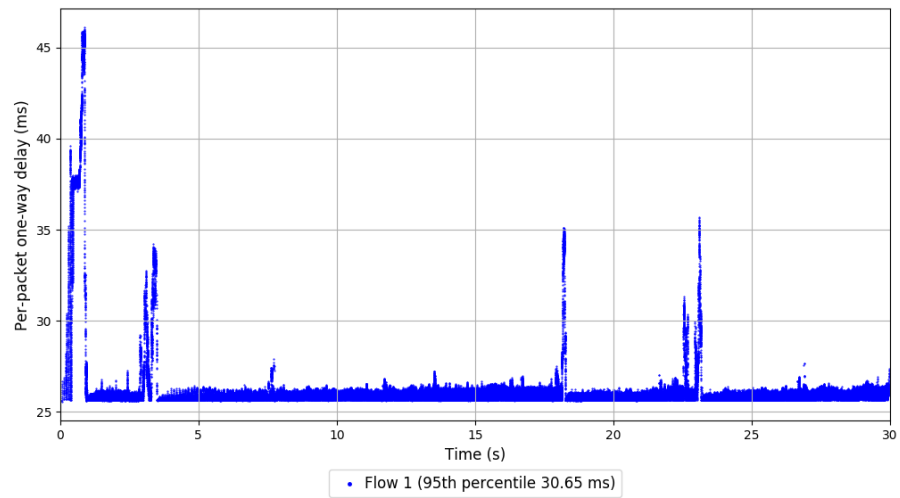
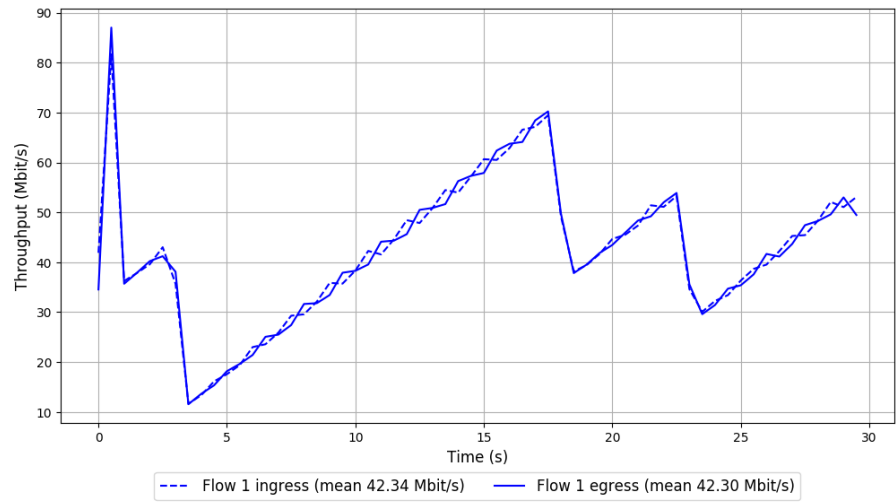
-- Flow 1:

Average throughput: 42.30 Mbit/s

95th percentile per-packet one-way delay: 30.652 ms

Loss rate: 0.28%

Run 1: Report of TCP Vegas — Data Link

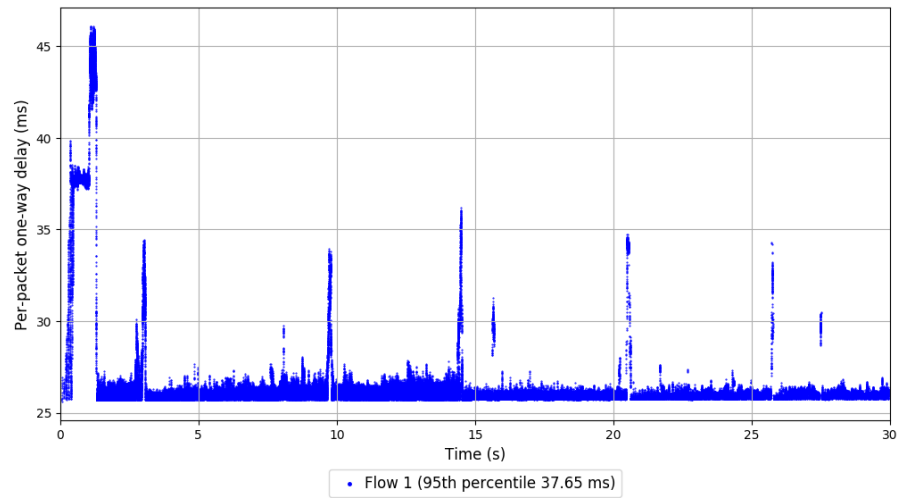
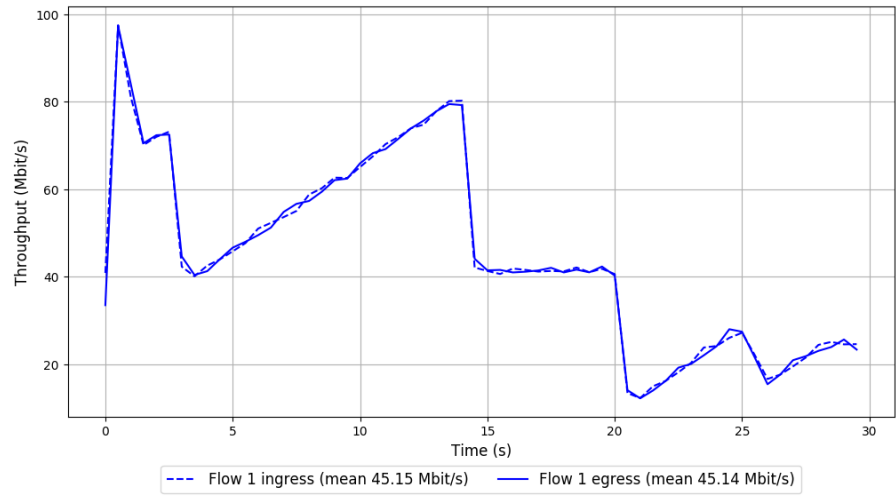


Run 2: Statistics of TCP Vegas

Start at: 2018-03-13 01:23:31
End at: 2018-03-13 01:24:01
Local clock offset: 1.952 ms
Remote clock offset: -3.021 ms

Below is generated by plot.py at 2018-03-13 09:20:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 45.14 Mbit/s
95th percentile per-packet one-way delay: 37.645 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 45.14 Mbit/s
95th percentile per-packet one-way delay: 37.645 ms
Loss rate: 0.19%

Run 2: Report of TCP Vegas — Data Link

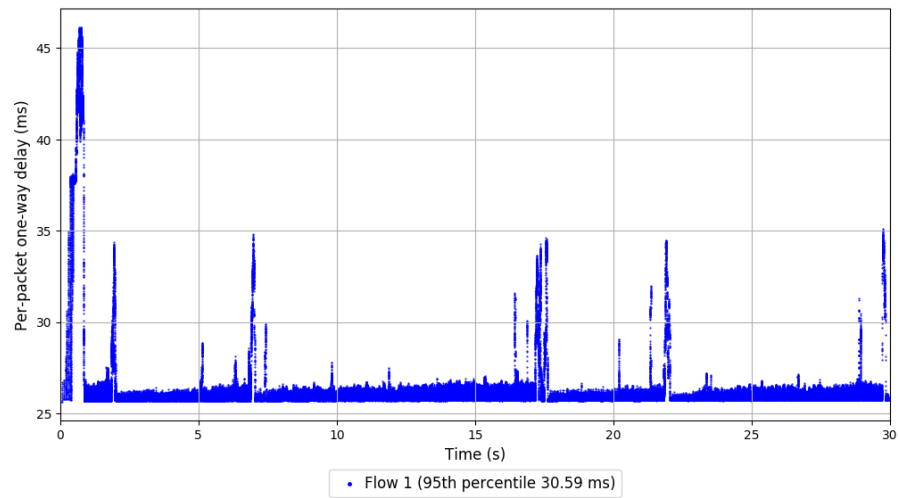
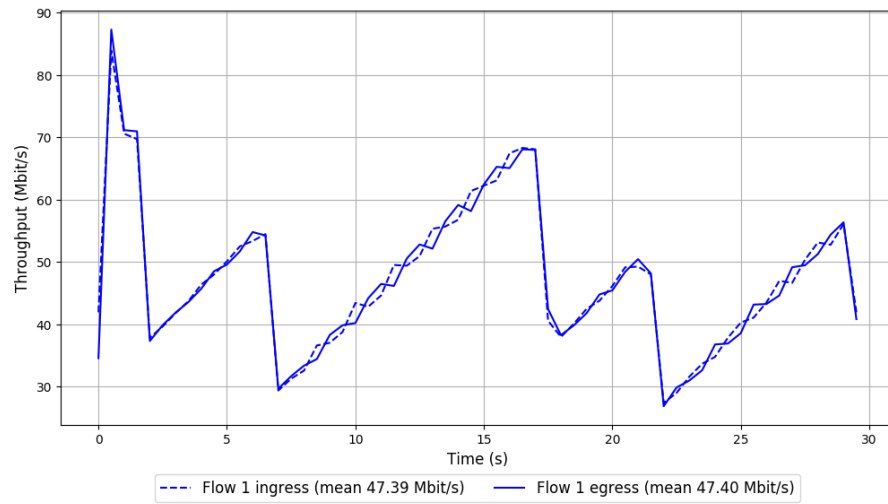


Run 3: Statistics of TCP Vegas

Start at: 2018-03-13 01:48:07
End at: 2018-03-13 01:48:37
Local clock offset: 1.35 ms
Remote clock offset: -1.786 ms

Below is generated by plot.py at 2018-03-13 09:20:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 47.40 Mbit/s
95th percentile per-packet one-way delay: 30.593 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 47.40 Mbit/s
95th percentile per-packet one-way delay: 30.593 ms
Loss rate: 0.16%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: 2018-03-13 02:12:29

End at: 2018-03-13 02:12:59

Local clock offset: 1.06 ms

Remote clock offset: 1.944 ms

Below is generated by plot.py at 2018-03-13 09:20:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 23.88 Mbit/s

95th percentile per-packet one-way delay: 35.067 ms

Loss rate: 0.46%

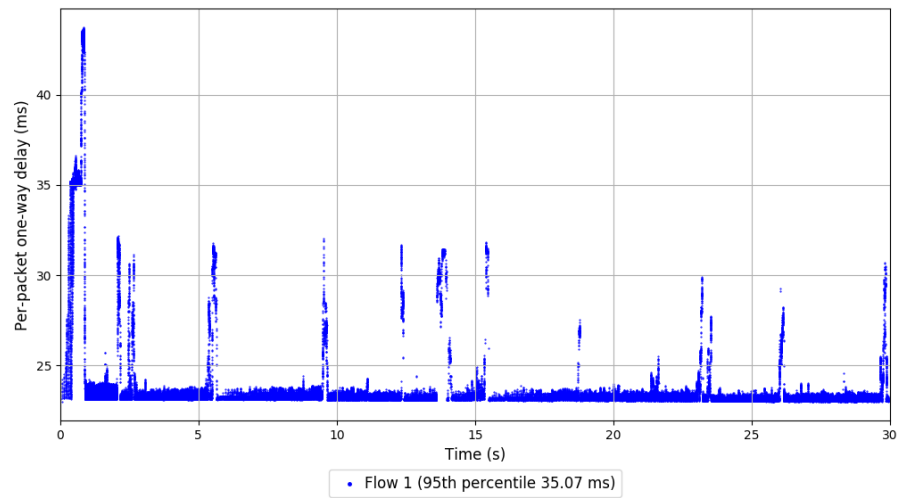
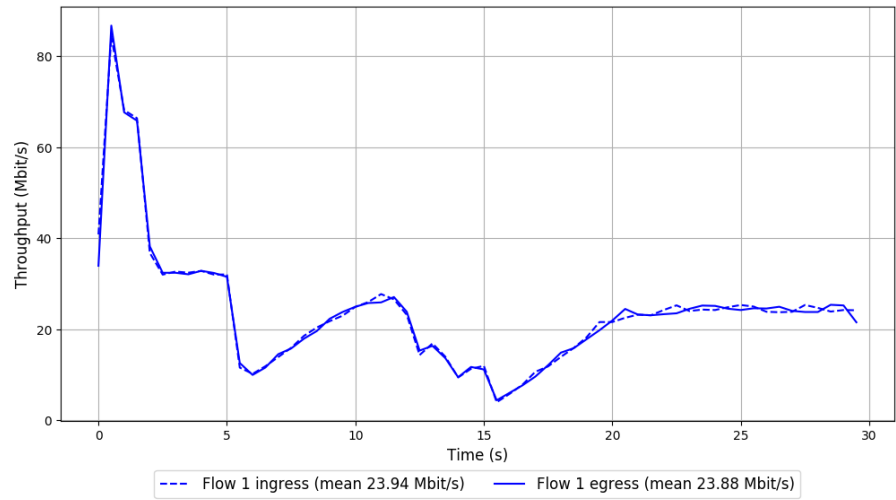
-- Flow 1:

Average throughput: 23.88 Mbit/s

95th percentile per-packet one-way delay: 35.067 ms

Loss rate: 0.46%

Run 4: Report of TCP Vegas — Data Link

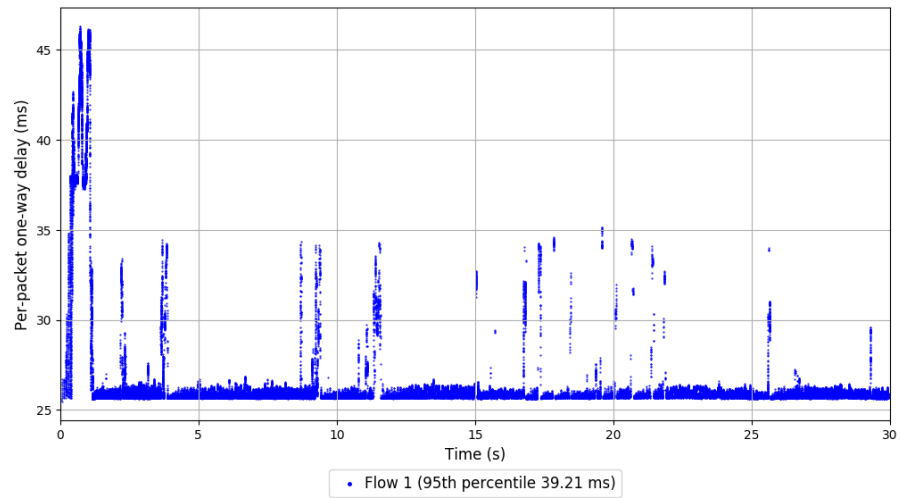
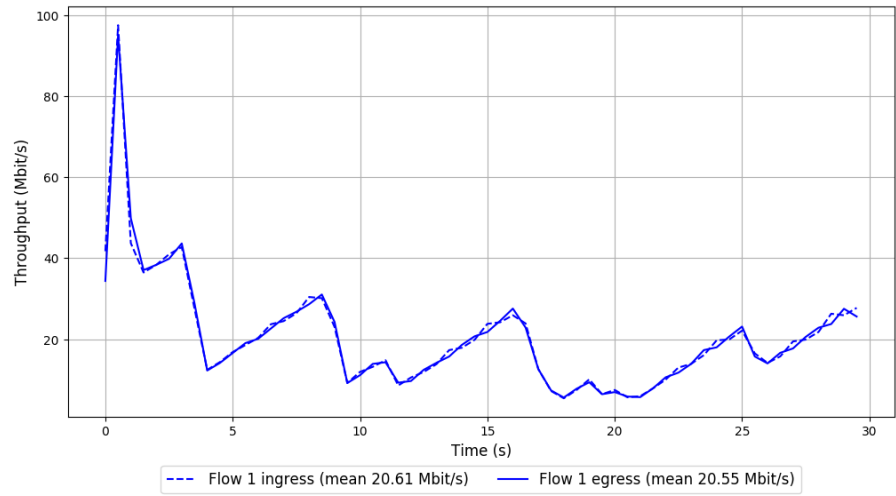


Run 5: Statistics of TCP Vegas

Start at: 2018-03-13 02:36:46
End at: 2018-03-13 02:37:16
Local clock offset: 0.929 ms
Remote clock offset: -3.139 ms

Below is generated by plot.py at 2018-03-13 09:20:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 20.55 Mbit/s
95th percentile per-packet one-way delay: 39.208 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 20.55 Mbit/s
95th percentile per-packet one-way delay: 39.208 ms
Loss rate: 0.49%

Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: 2018-03-13 03:02:24

End at: 2018-03-13 03:02:54

Local clock offset: 1.1 ms

Remote clock offset: -5.115 ms

Below is generated by plot.py at 2018-03-13 09:20:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 69.39 Mbit/s

95th percentile per-packet one-way delay: 37.803 ms

Loss rate: 0.30%

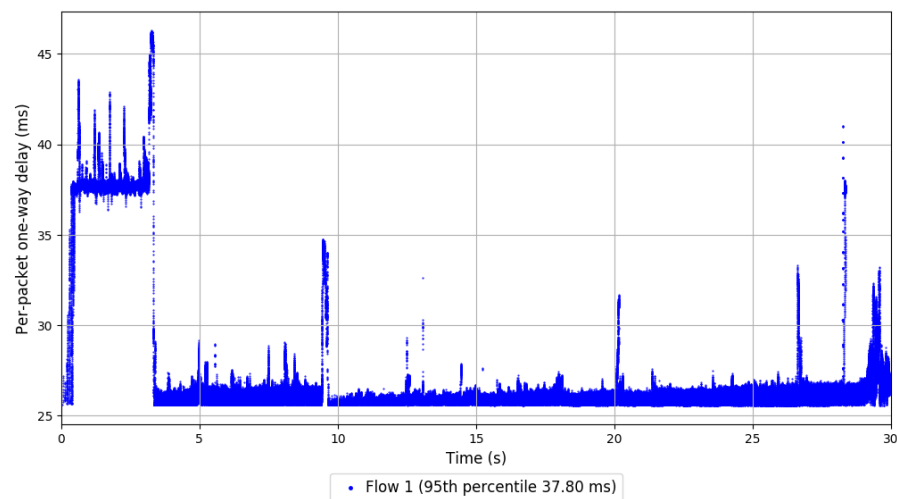
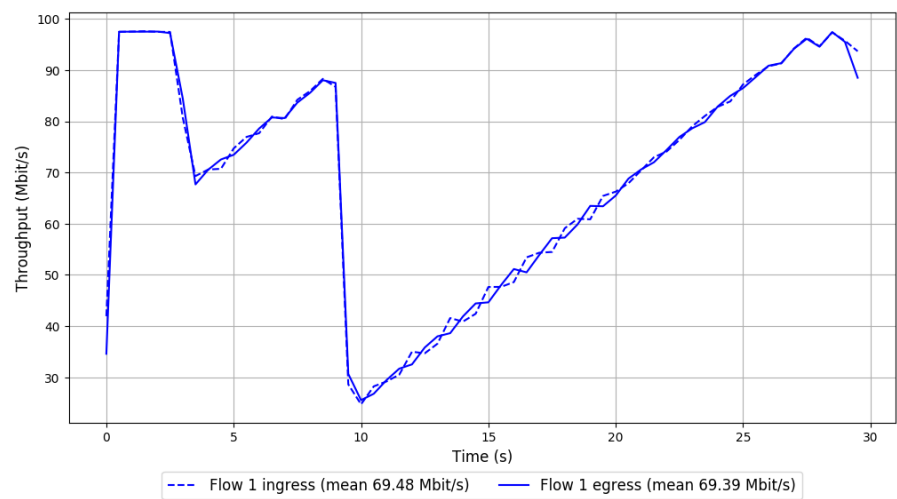
-- Flow 1:

Average throughput: 69.39 Mbit/s

95th percentile per-packet one-way delay: 37.803 ms

Loss rate: 0.30%

Run 6: Report of TCP Vegas — Data Link

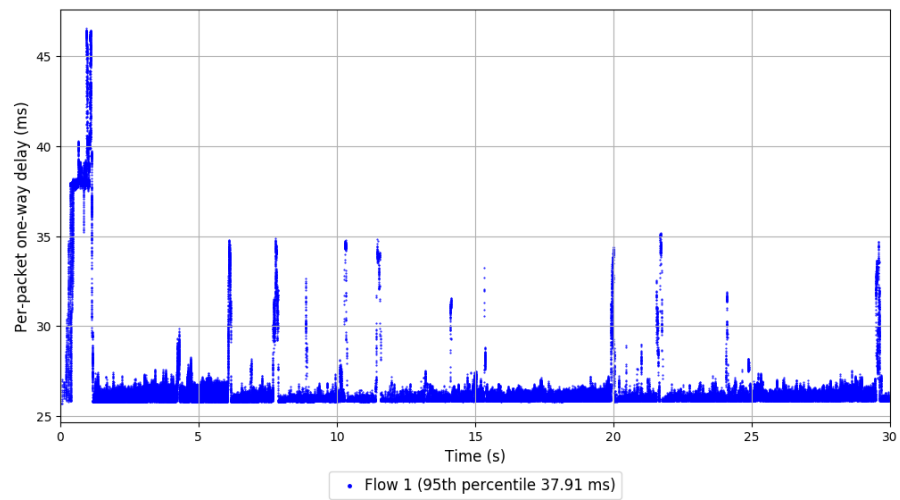
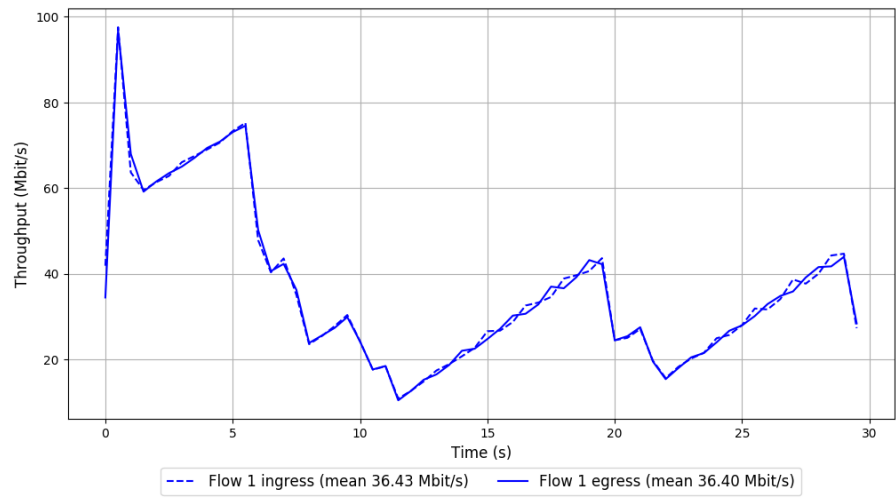


Run 7: Statistics of TCP Vegas

Start at: 2018-03-13 03:26:34
End at: 2018-03-13 03:27:04
Local clock offset: 1.114 ms
Remote clock offset: -5.288 ms

Below is generated by plot.py at 2018-03-13 09:20:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 36.40 Mbit/s
95th percentile per-packet one-way delay: 37.909 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 36.40 Mbit/s
95th percentile per-packet one-way delay: 37.909 ms
Loss rate: 0.27%

Run 7: Report of TCP Vegas — Data Link

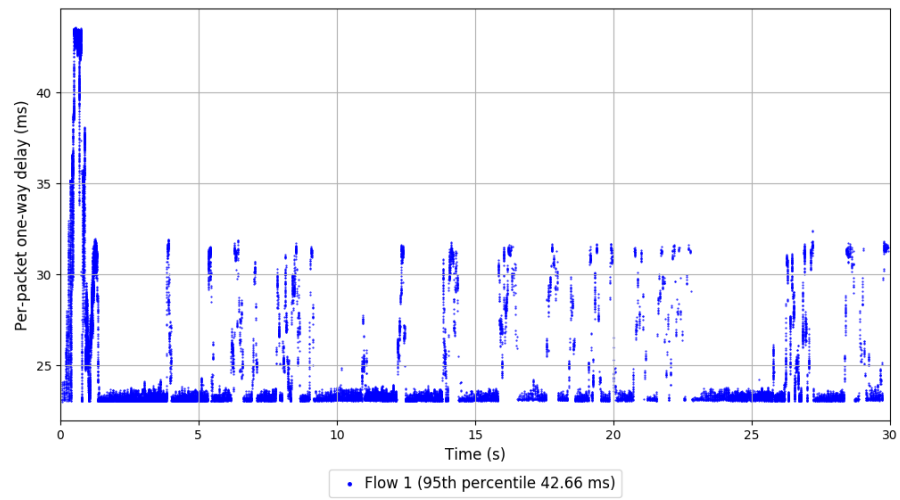
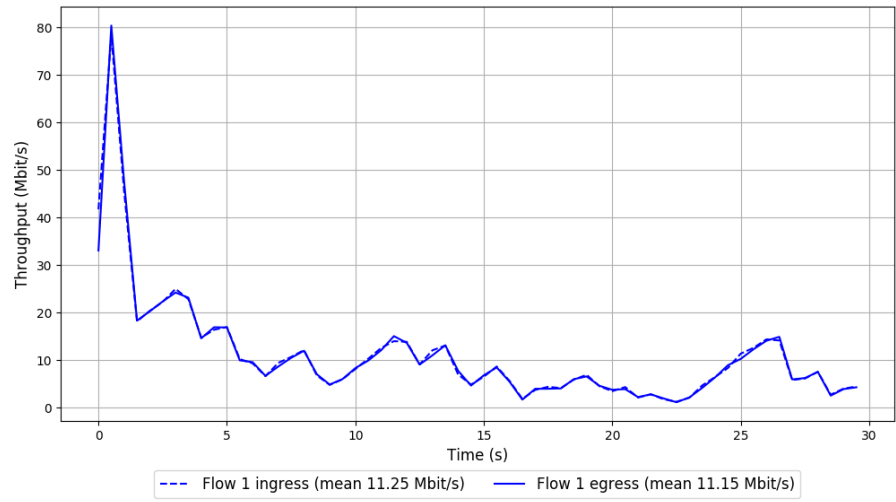


Run 8: Statistics of TCP Vegas

Start at: 2018-03-13 03:51:05
End at: 2018-03-13 03:51:35
Local clock offset: 1.291 ms
Remote clock offset: -2.423 ms

Below is generated by plot.py at 2018-03-13 09:20:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.15 Mbit/s
95th percentile per-packet one-way delay: 42.656 ms
Loss rate: 1.09%
-- Flow 1:
Average throughput: 11.15 Mbit/s
95th percentile per-packet one-way delay: 42.656 ms
Loss rate: 1.09%

Run 8: Report of TCP Vegas — Data Link

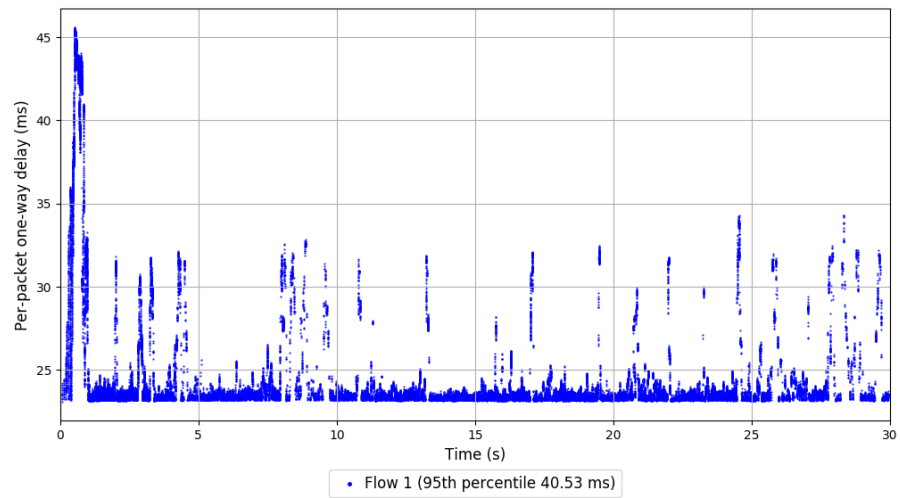
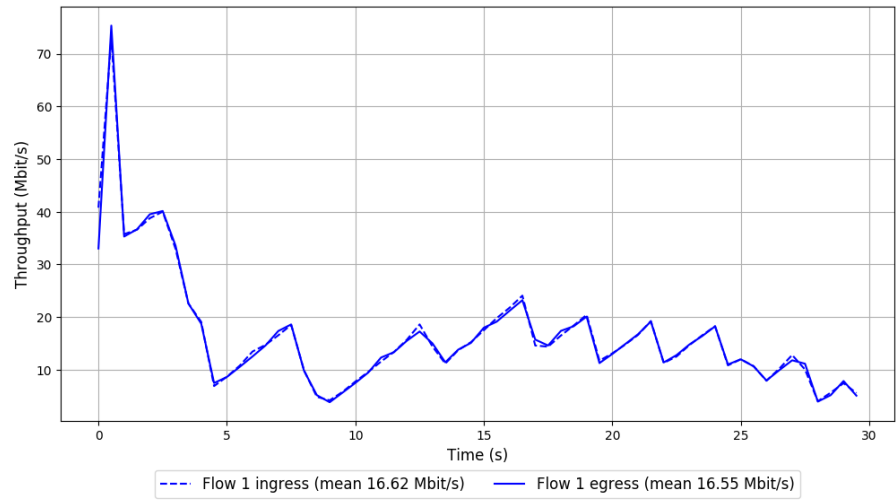


Run 9: Statistics of TCP Vegas

Start at: 2018-03-13 04:16:35
End at: 2018-03-13 04:17:05
Local clock offset: 1.308 ms
Remote clock offset: -6.101 ms

Below is generated by plot.py at 2018-03-13 09:20:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 16.55 Mbit/s
95th percentile per-packet one-way delay: 40.534 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 16.55 Mbit/s
95th percentile per-packet one-way delay: 40.534 ms
Loss rate: 0.59%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: 2018-03-13 04:42:55

End at: 2018-03-13 04:43:25

Local clock offset: 1.366 ms

Remote clock offset: -6.858 ms

Below is generated by plot.py at 2018-03-13 09:20:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.00 Mbit/s

95th percentile per-packet one-way delay: 41.060 ms

Loss rate: 0.76%

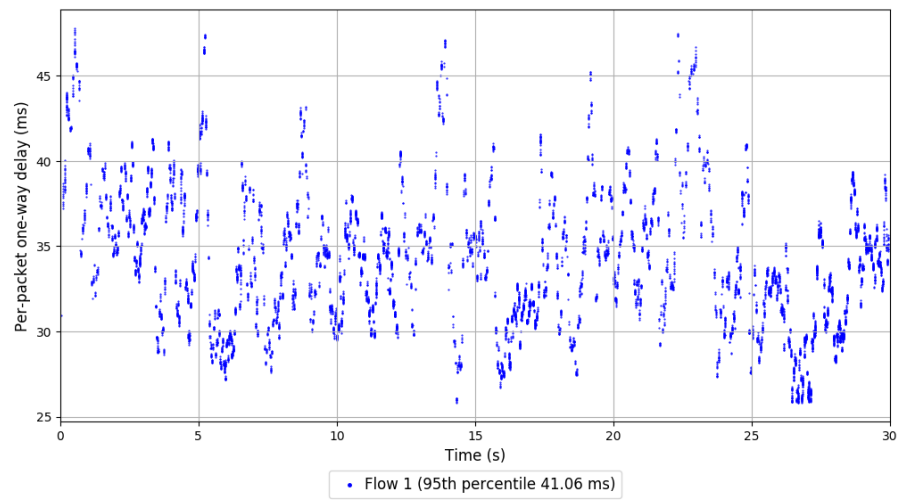
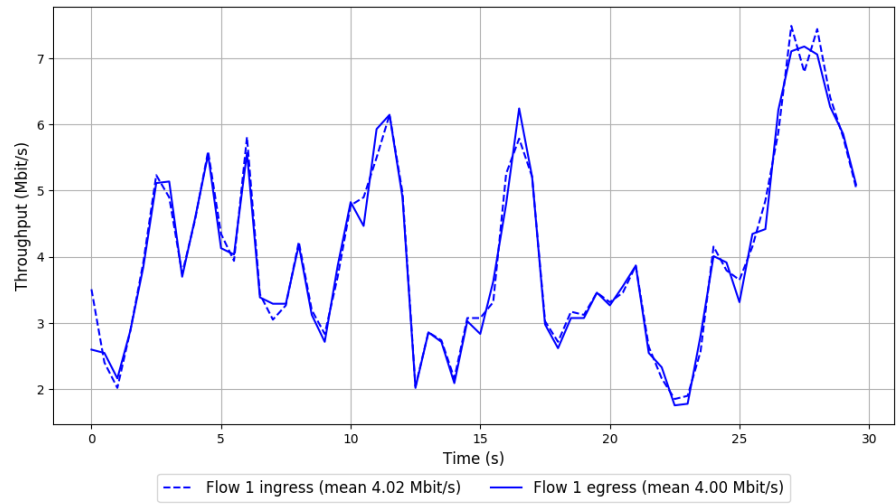
-- Flow 1:

Average throughput: 4.00 Mbit/s

95th percentile per-packet one-way delay: 41.060 ms

Loss rate: 0.76%

Run 10: Report of TCP Vegas — Data Link

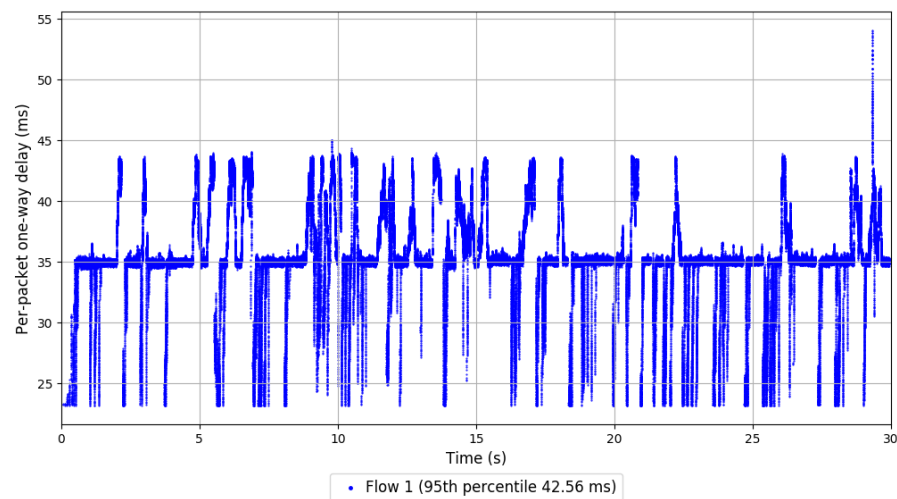
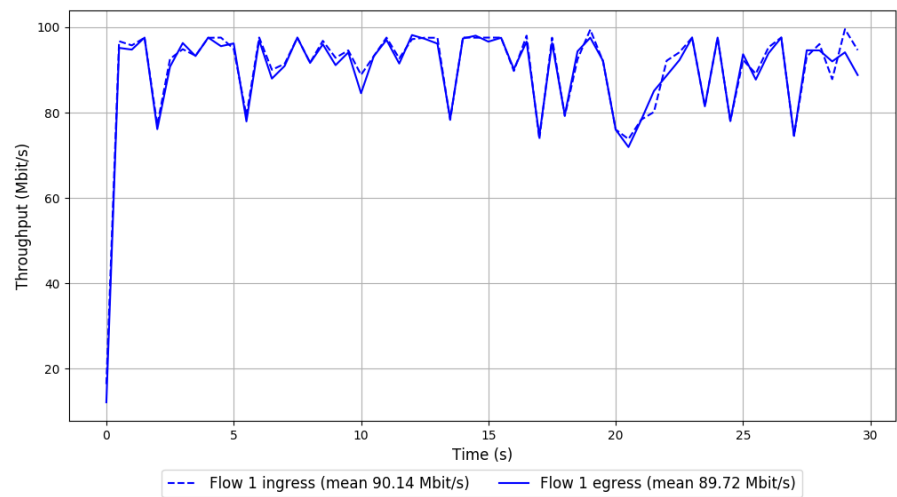


Run 1: Statistics of Verus

Start at: 2018-03-13 00:53:31
End at: 2018-03-13 00:54:01
Local clock offset: 1.172 ms
Remote clock offset: -0.715 ms

Below is generated by plot.py at 2018-03-13 09:20:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.72 Mbit/s
95th percentile per-packet one-way delay: 42.560 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 89.72 Mbit/s
95th percentile per-packet one-way delay: 42.560 ms
Loss rate: 0.66%

Run 1: Report of Verus — Data Link

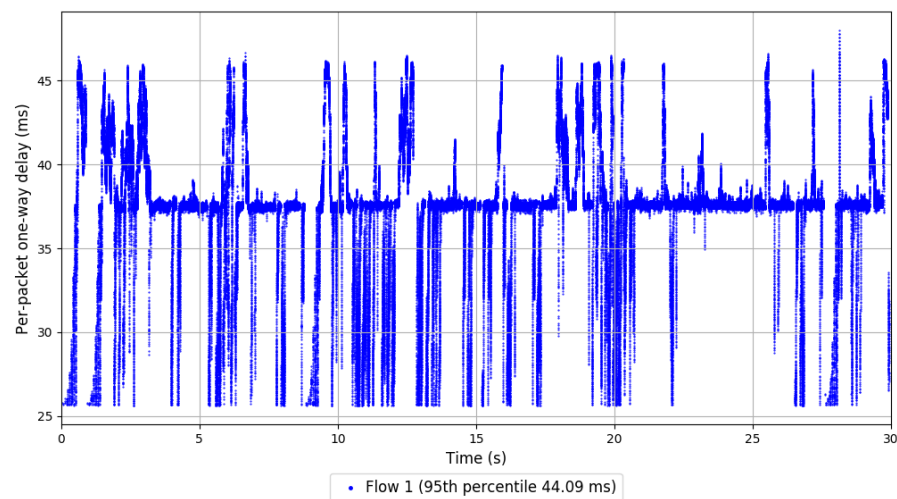
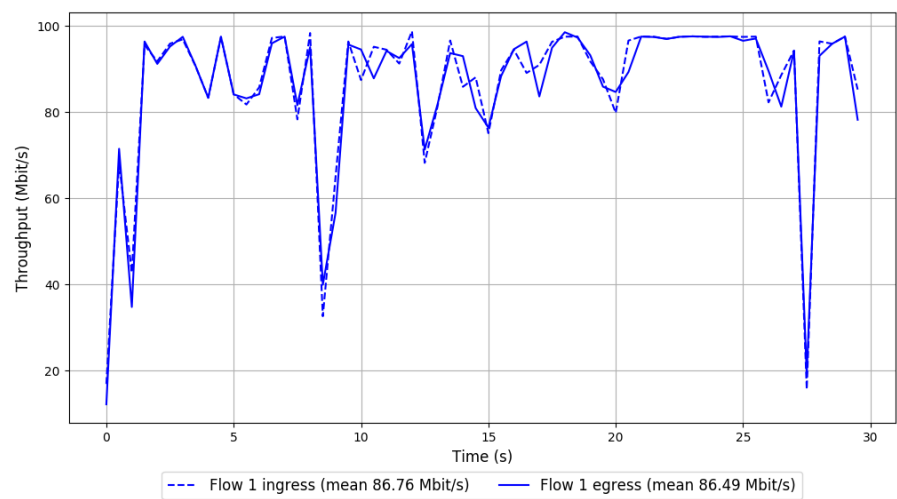


Run 2: Statistics of Verus

Start at: 2018-03-13 01:18:03
End at: 2018-03-13 01:18:33
Local clock offset: 1.82 ms
Remote clock offset: -3.334 ms

Below is generated by plot.py at 2018-03-13 09:20:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.49 Mbit/s
95th percentile per-packet one-way delay: 44.093 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 86.49 Mbit/s
95th percentile per-packet one-way delay: 44.093 ms
Loss rate: 0.50%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: 2018-03-13 01:42:34

End at: 2018-03-13 01:43:04

Local clock offset: 1.447 ms

Remote clock offset: 0.644 ms

Below is generated by plot.py at 2018-03-13 09:21:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.80 Mbit/s

95th percentile per-packet one-way delay: 40.194 ms

Loss rate: 0.37%

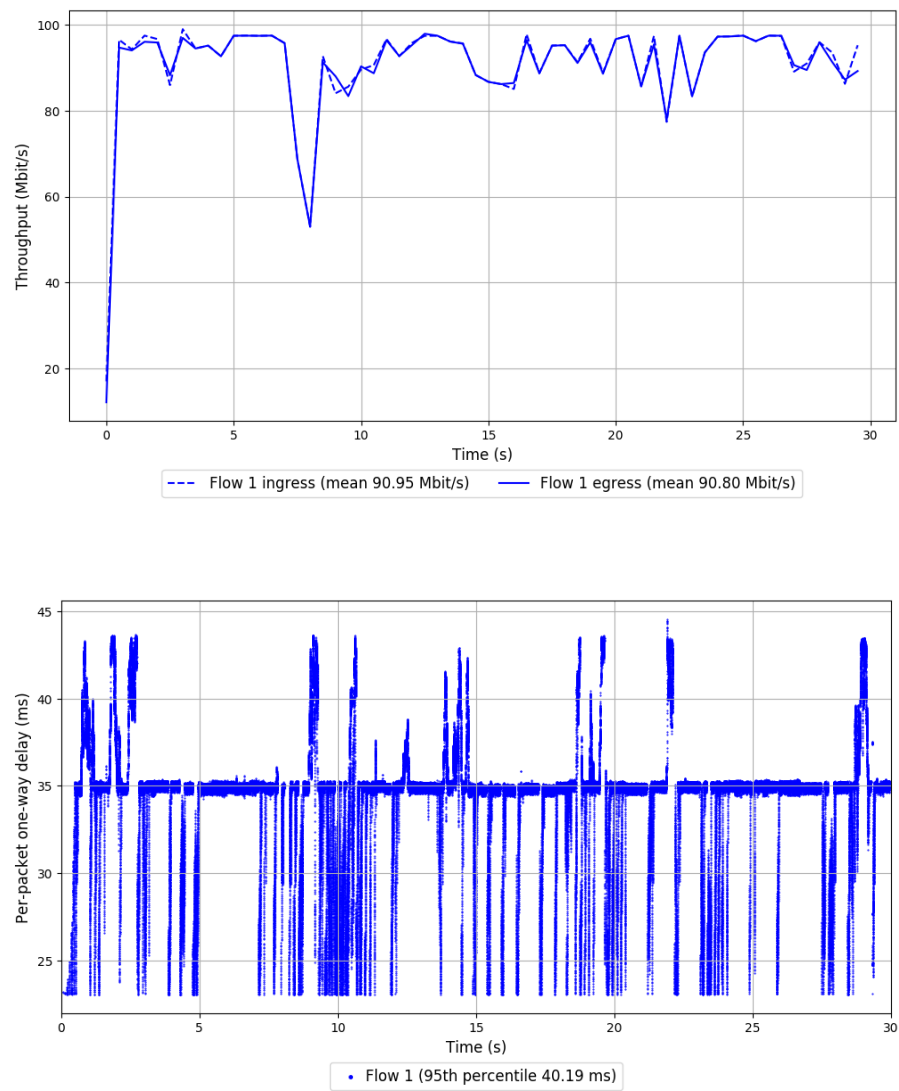
-- Flow 1:

Average throughput: 90.80 Mbit/s

95th percentile per-packet one-way delay: 40.194 ms

Loss rate: 0.37%

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: 2018-03-13 02:06:49

End at: 2018-03-13 02:07:19

Local clock offset: 1.103 ms

Remote clock offset: 1.886 ms

Below is generated by plot.py at 2018-03-13 09:21:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.90 Mbit/s

95th percentile per-packet one-way delay: 41.886 ms

Loss rate: 0.47%

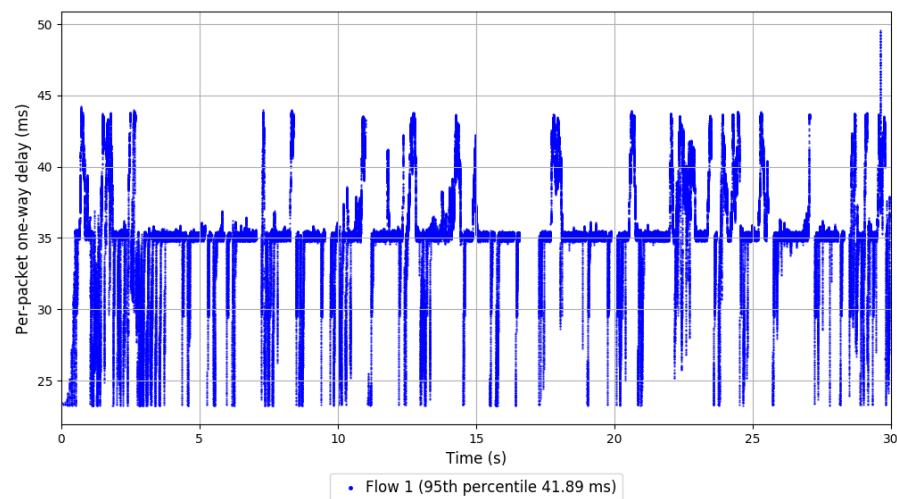
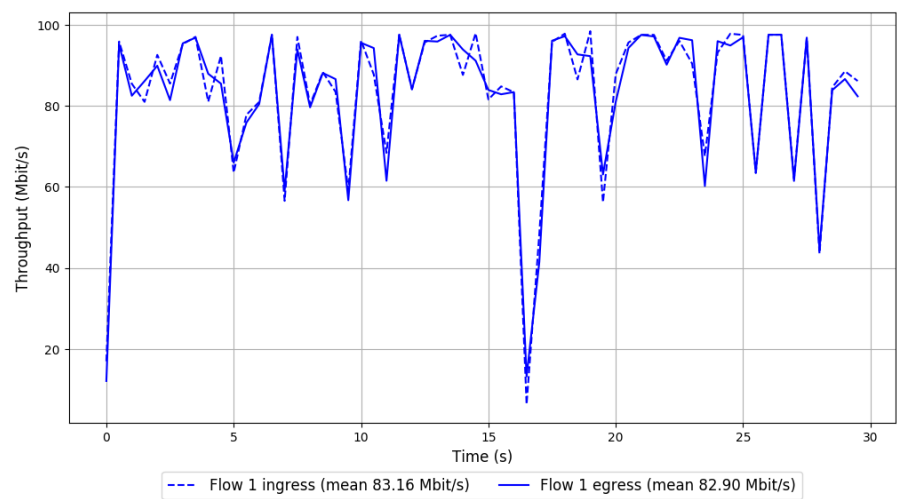
-- Flow 1:

Average throughput: 82.90 Mbit/s

95th percentile per-packet one-way delay: 41.886 ms

Loss rate: 0.47%

Run 4: Report of Verus — Data Link

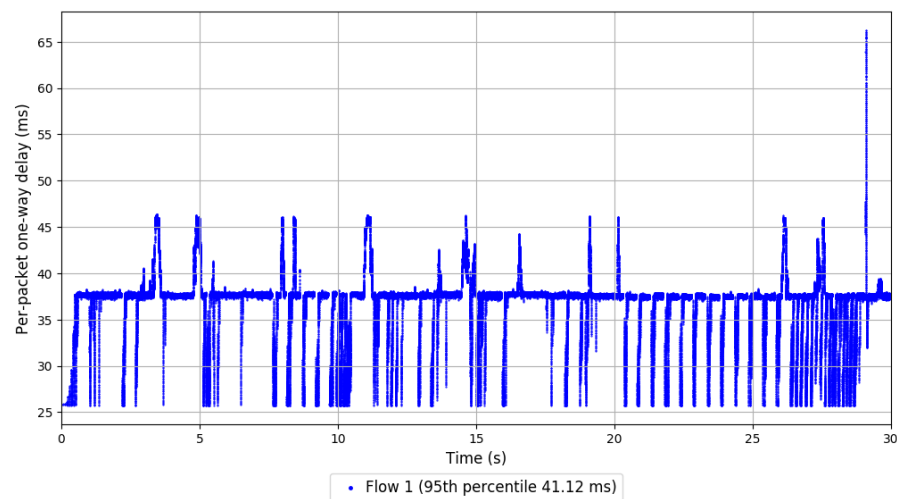
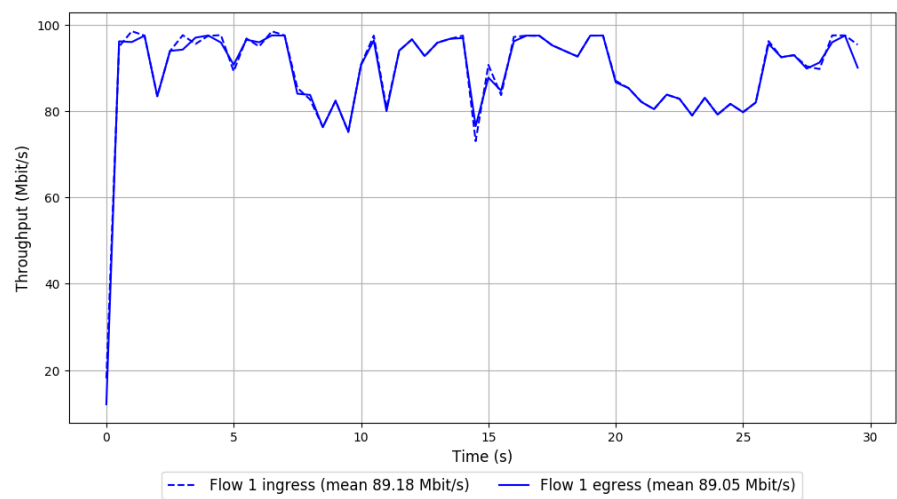


Run 5: Statistics of Verus

Start at: 2018-03-13 02:31:26
End at: 2018-03-13 02:31:56
Local clock offset: 0.955 ms
Remote clock offset: -3.082 ms

Below is generated by plot.py at 2018-03-13 09:21:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.05 Mbit/s
95th percentile per-packet one-way delay: 41.116 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 89.05 Mbit/s
95th percentile per-packet one-way delay: 41.116 ms
Loss rate: 0.35%

Run 5: Report of Verus — Data Link

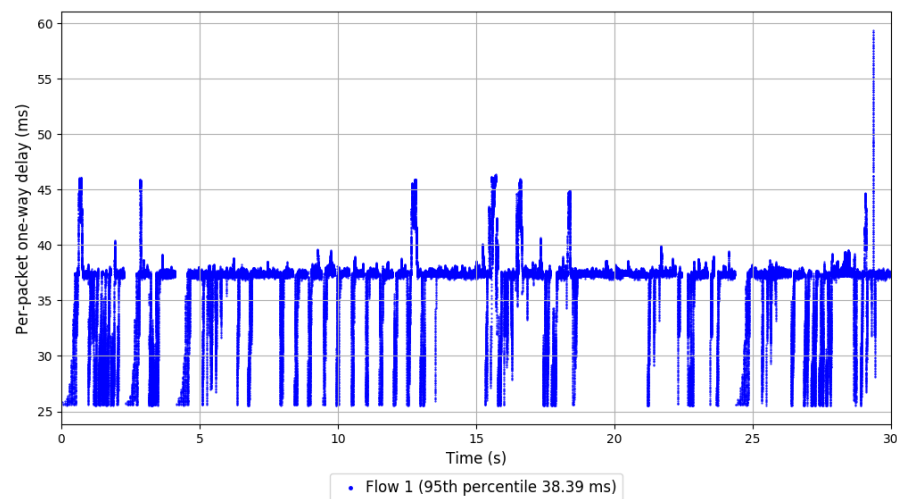
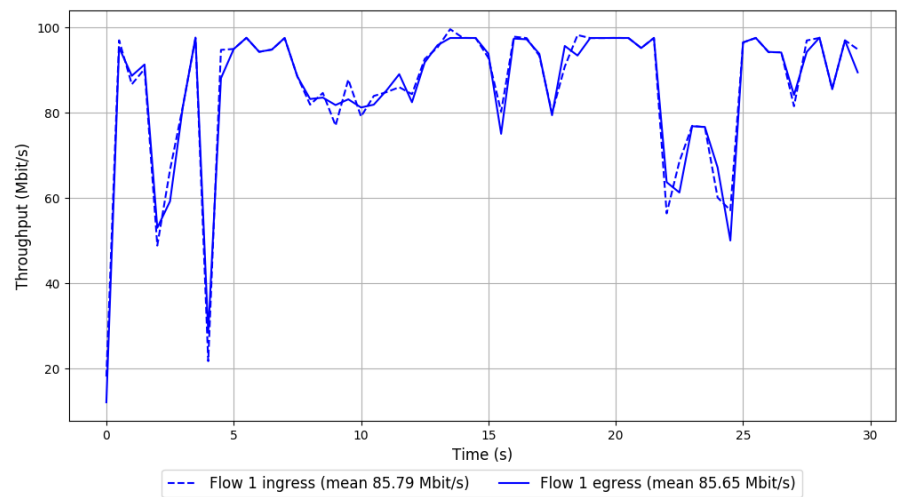


Run 6: Statistics of Verus

Start at: 2018-03-13 02:57:04
End at: 2018-03-13 02:57:34
Local clock offset: 1.09 ms
Remote clock offset: -4.644 ms

Below is generated by plot.py at 2018-03-13 09:21:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 85.65 Mbit/s
95th percentile per-packet one-way delay: 38.393 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 85.65 Mbit/s
95th percentile per-packet one-way delay: 38.393 ms
Loss rate: 0.36%

Run 6: Report of Verus — Data Link

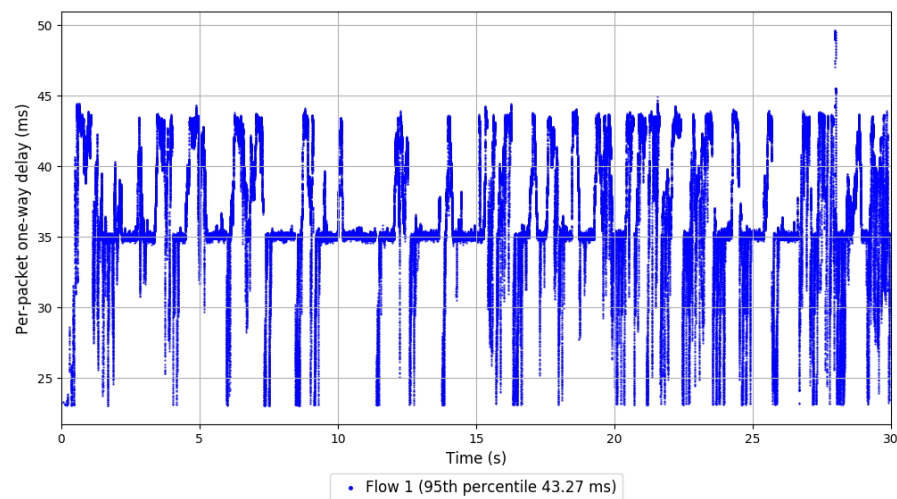
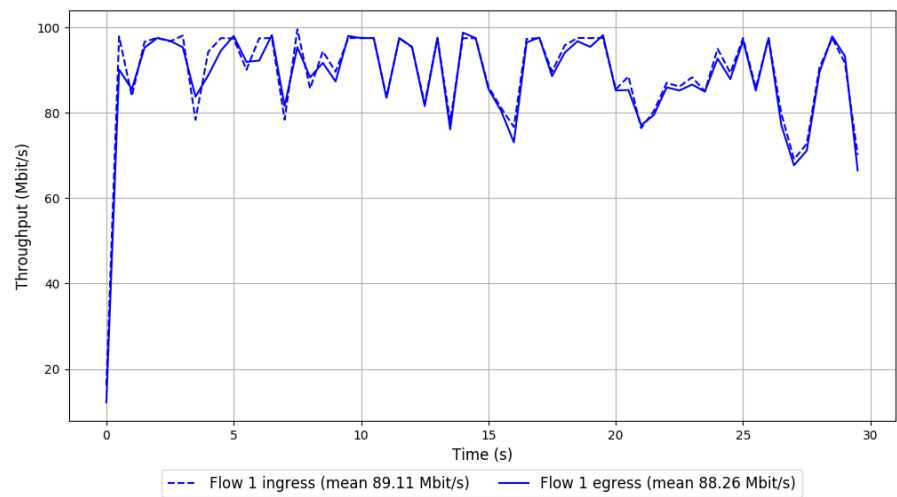


Run 7: Statistics of Verus

Start at: 2018-03-13 03:21:07
End at: 2018-03-13 03:21:37
Local clock offset: 1.116 ms
Remote clock offset: -3.371 ms

Below is generated by plot.py at 2018-03-13 09:21:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.26 Mbit/s
95th percentile per-packet one-way delay: 43.275 ms
Loss rate: 1.02%
-- Flow 1:
Average throughput: 88.26 Mbit/s
95th percentile per-packet one-way delay: 43.275 ms
Loss rate: 1.02%

Run 7: Report of Verus — Data Link



Run 8: Statistics of Verus

Start at: 2018-03-13 03:45:36

End at: 2018-03-13 03:46:06

Local clock offset: 1.262 ms

Remote clock offset: -4.75 ms

Below is generated by plot.py at 2018-03-13 09:22:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.07 Mbit/s

95th percentile per-packet one-way delay: 45.423 ms

Loss rate: 1.06%

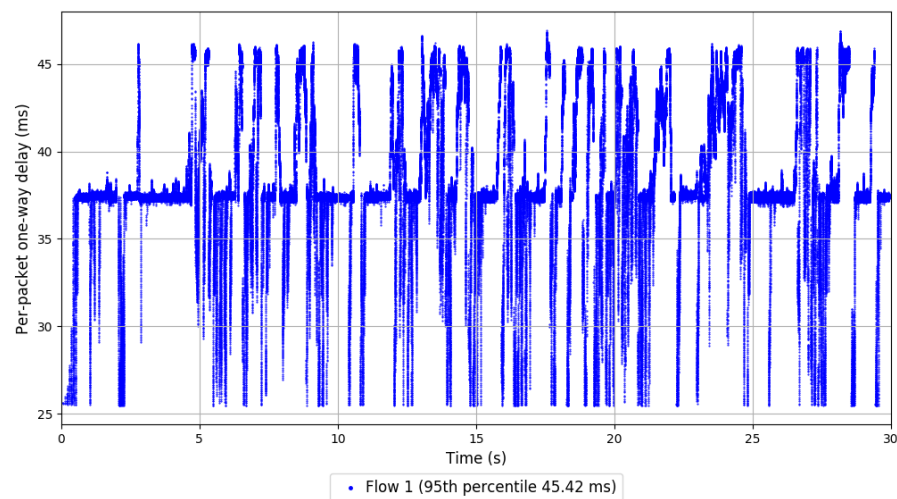
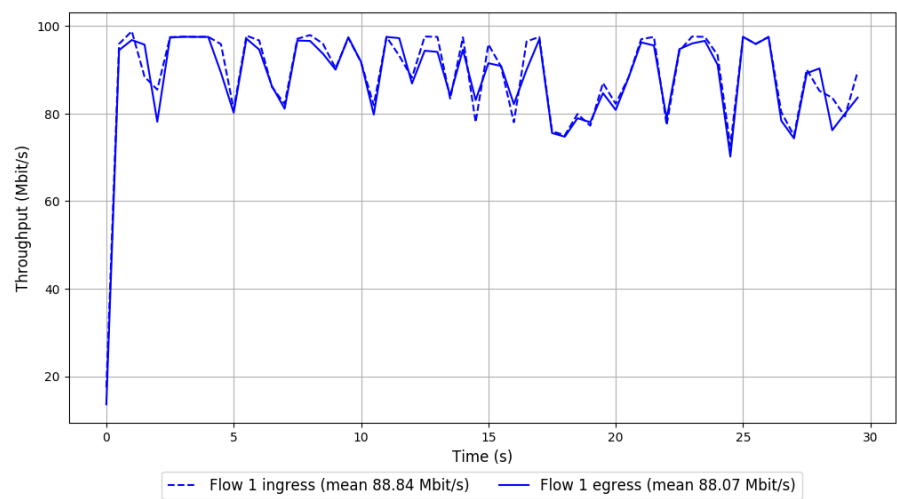
-- Flow 1:

Average throughput: 88.07 Mbit/s

95th percentile per-packet one-way delay: 45.423 ms

Loss rate: 1.06%

Run 8: Report of Verus — Data Link

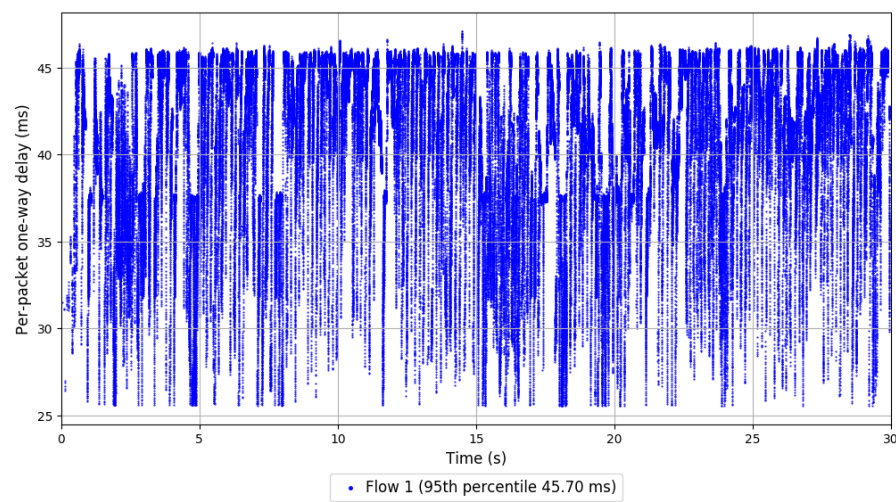
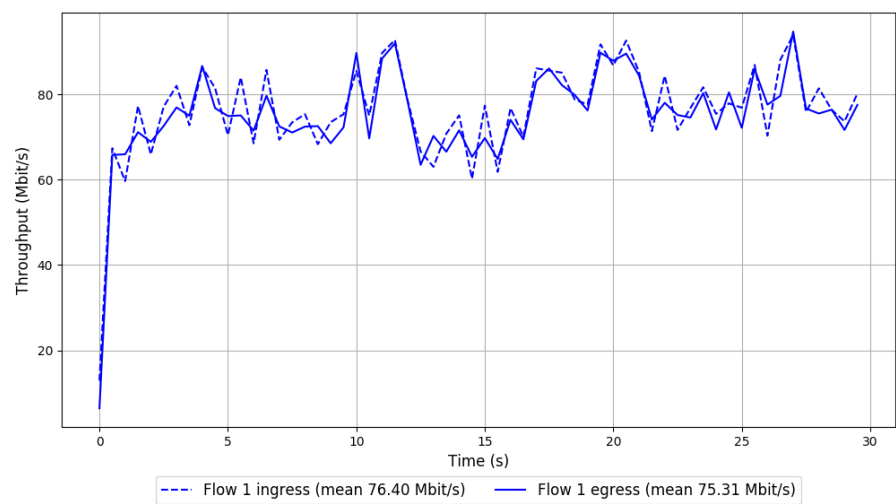


Run 9: Statistics of Verus

Start at: 2018-03-13 04:10:43
End at: 2018-03-13 04:11:13
Local clock offset: 1.282 ms
Remote clock offset: -8.281 ms

Below is generated by plot.py at 2018-03-13 09:22:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 75.31 Mbit/s
95th percentile per-packet one-way delay: 45.700 ms
Loss rate: 1.55%
-- Flow 1:
Average throughput: 75.31 Mbit/s
95th percentile per-packet one-way delay: 45.700 ms
Loss rate: 1.55%

Run 9: Report of Verus — Data Link

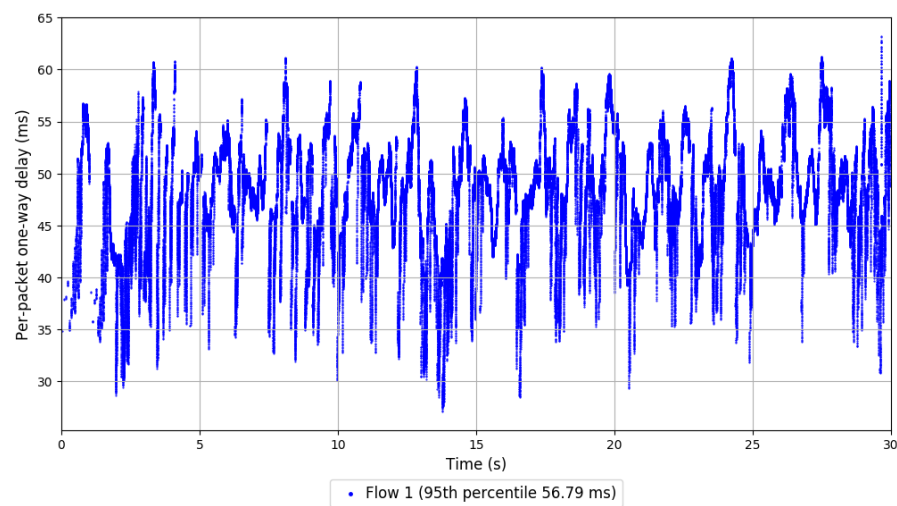
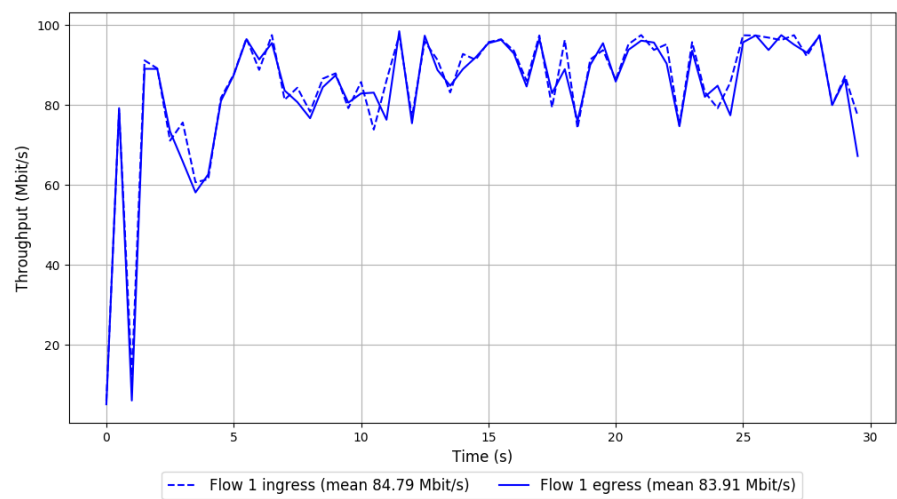


Run 10: Statistics of Verus

Start at: 2018-03-13 04:37:27
End at: 2018-03-13 04:37:57
Local clock offset: 1.343 ms
Remote clock offset: -7.045 ms

Below is generated by plot.py at 2018-03-13 09:22:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.91 Mbit/s
95th percentile per-packet one-way delay: 56.789 ms
Loss rate: 1.23%
-- Flow 1:
Average throughput: 83.91 Mbit/s
95th percentile per-packet one-way delay: 56.789 ms
Loss rate: 1.23%

Run 10: Report of Verus — Data Link

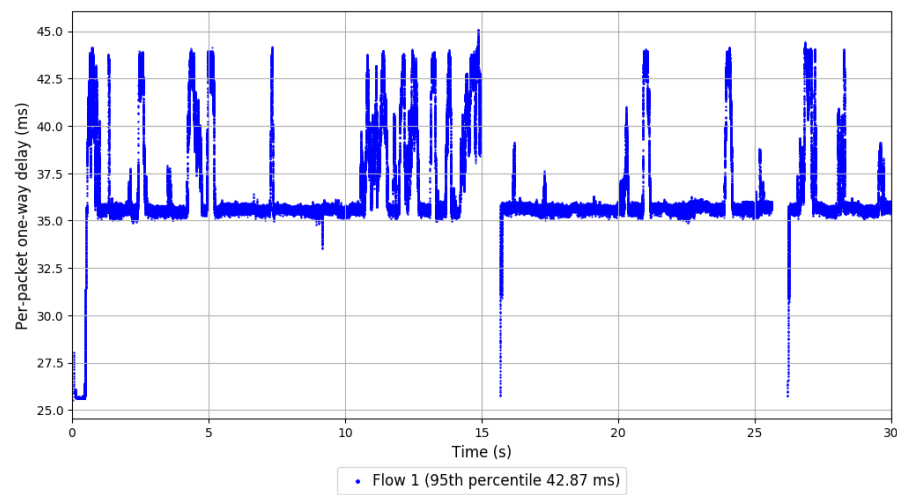
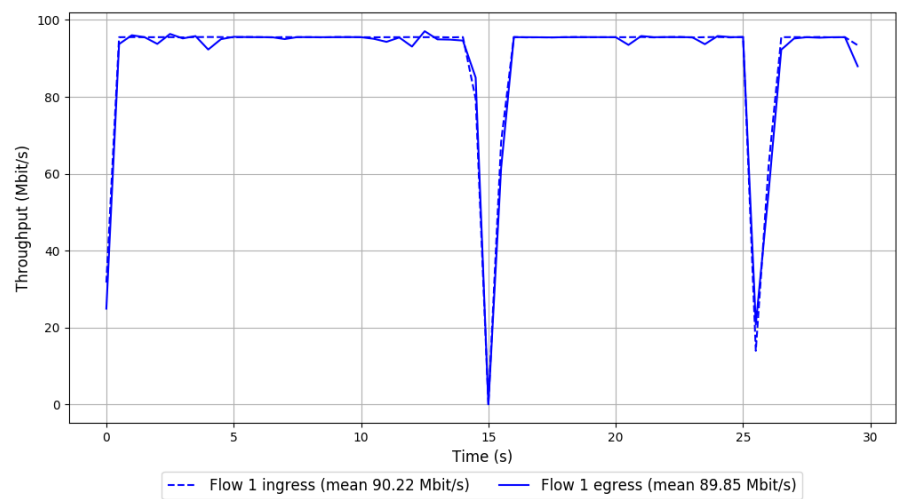


Run 1: Statistics of Copa

Start at: 2018-03-13 00:56:09
End at: 2018-03-13 00:56:39
Local clock offset: 1.148 ms
Remote clock offset: -3.103 ms

Below is generated by plot.py at 2018-03-13 09:23:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.85 Mbit/s
95th percentile per-packet one-way delay: 42.874 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 89.85 Mbit/s
95th percentile per-packet one-way delay: 42.874 ms
Loss rate: 0.58%

Run 1: Report of Copa — Data Link

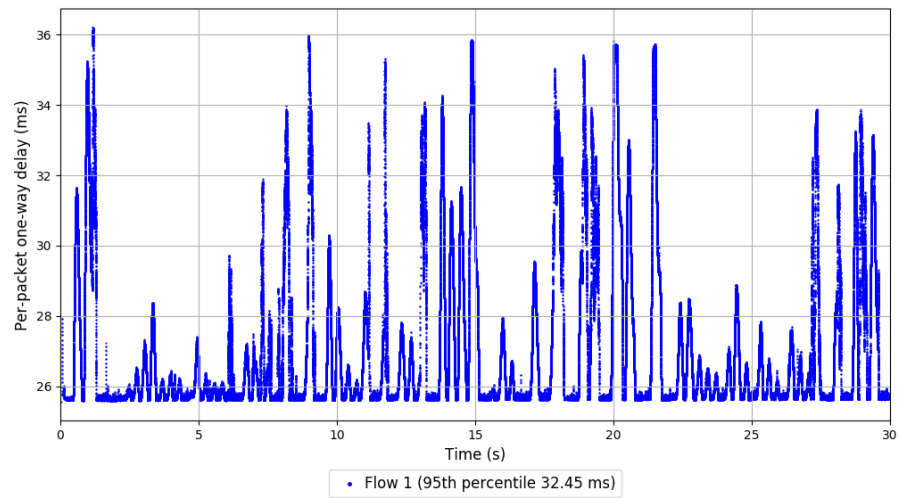
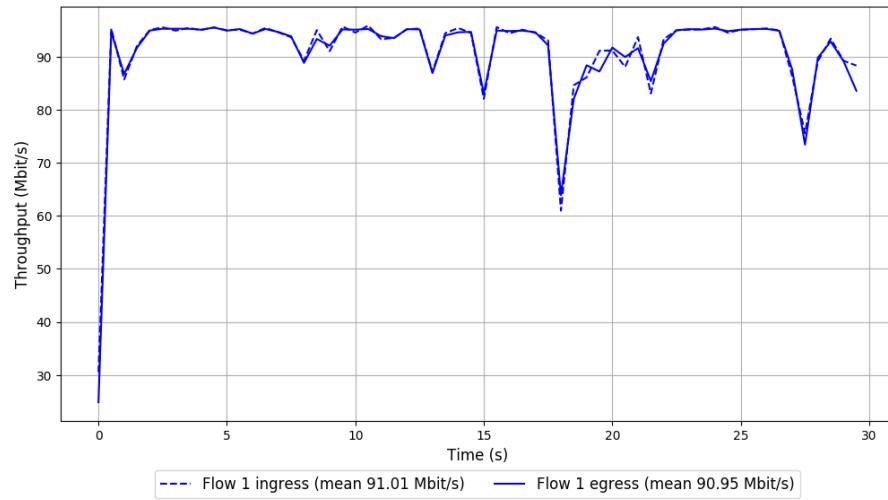


Run 2: Statistics of Copa

Start at: 2018-03-13 01:20:45
End at: 2018-03-13 01:21:15
Local clock offset: 1.916 ms
Remote clock offset: -3.137 ms

Below is generated by plot.py at 2018-03-13 09:23:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.95 Mbit/s
95th percentile per-packet one-way delay: 32.448 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 90.95 Mbit/s
95th percentile per-packet one-way delay: 32.448 ms
Loss rate: 0.25%

Run 2: Report of Copa — Data Link

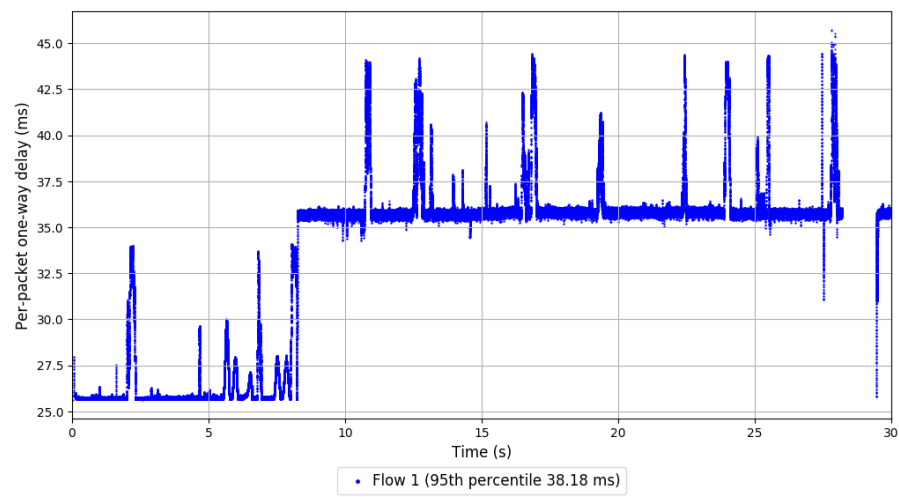
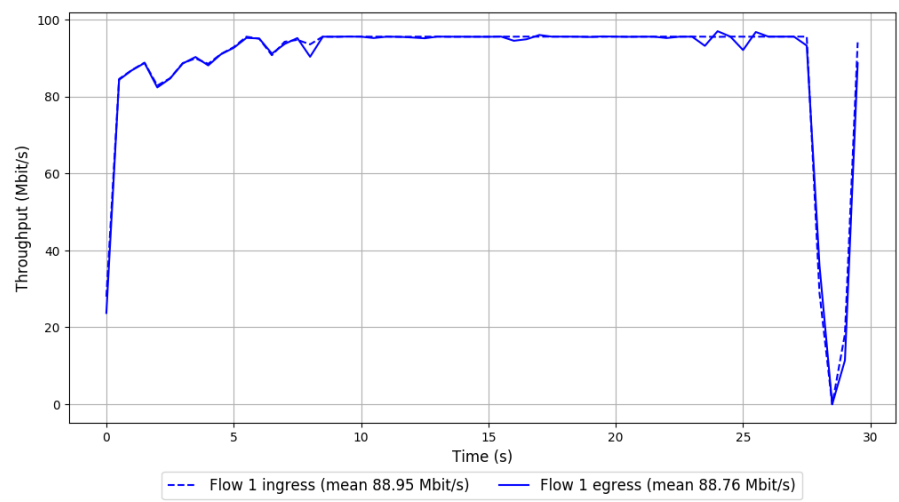


Run 3: Statistics of Copa

Start at: 2018-03-13 01:45:15
End at: 2018-03-13 01:45:45
Local clock offset: 1.408 ms
Remote clock offset: -1.925 ms

Below is generated by plot.py at 2018-03-13 09:23:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.76 Mbit/s
95th percentile per-packet one-way delay: 38.179 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 88.76 Mbit/s
95th percentile per-packet one-way delay: 38.179 ms
Loss rate: 0.41%

Run 3: Report of Copa — Data Link

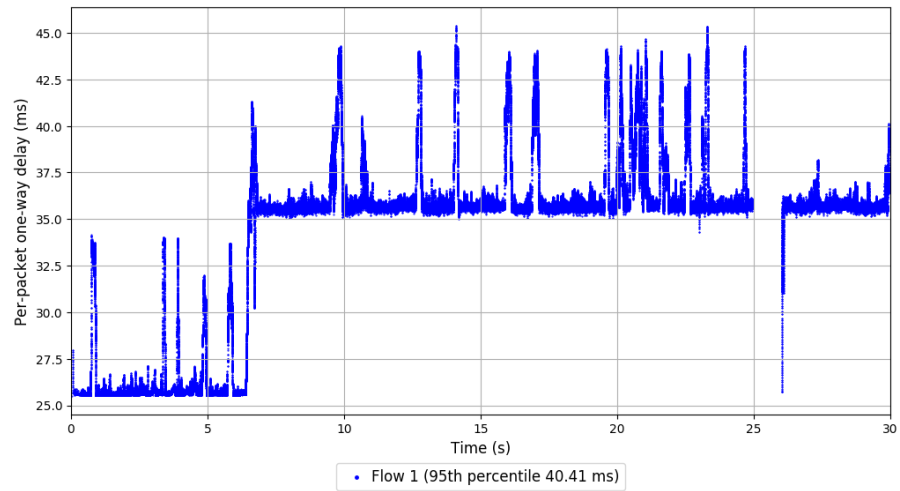
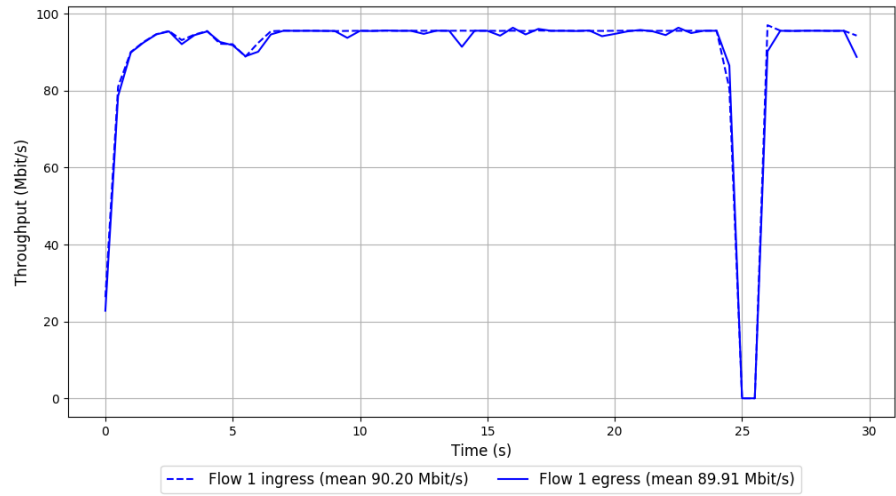


Run 4: Statistics of Copa

Start at: 2018-03-13 02:09:37
End at: 2018-03-13 02:10:07
Local clock offset: 1.006 ms
Remote clock offset: -0.267 ms

Below is generated by plot.py at 2018-03-13 09:23:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.91 Mbit/s
95th percentile per-packet one-way delay: 40.407 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 89.91 Mbit/s
95th percentile per-packet one-way delay: 40.407 ms
Loss rate: 0.52%

Run 4: Report of Copa — Data Link

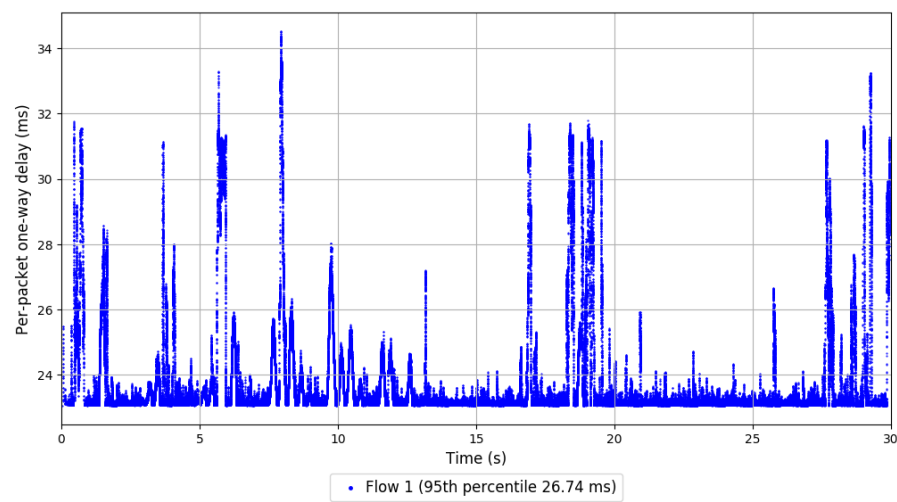
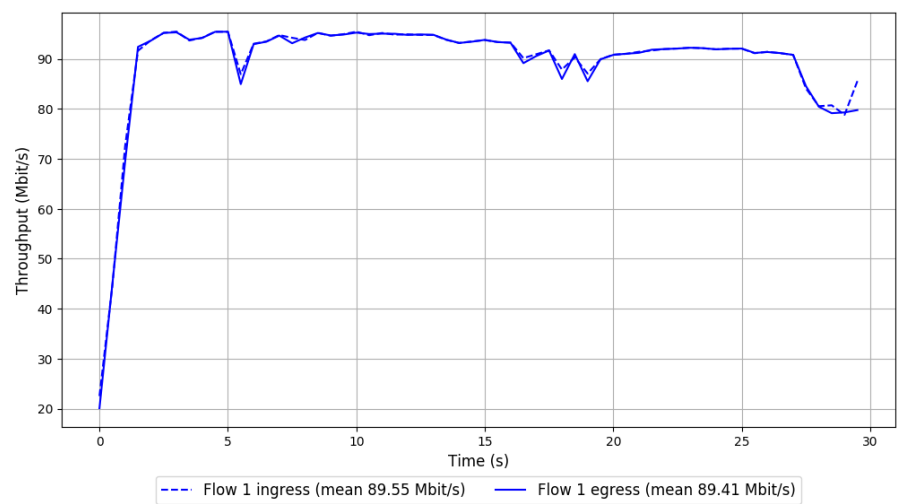


Run 5: Statistics of Copa

Start at: 2018-03-13 02:34:04
End at: 2018-03-13 02:34:34
Local clock offset: 0.944 ms
Remote clock offset: -0.488 ms

Below is generated by plot.py at 2018-03-13 09:24:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.41 Mbit/s
95th percentile per-packet one-way delay: 26.740 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 89.41 Mbit/s
95th percentile per-packet one-way delay: 26.740 ms
Loss rate: 0.34%

Run 5: Report of Copa — Data Link

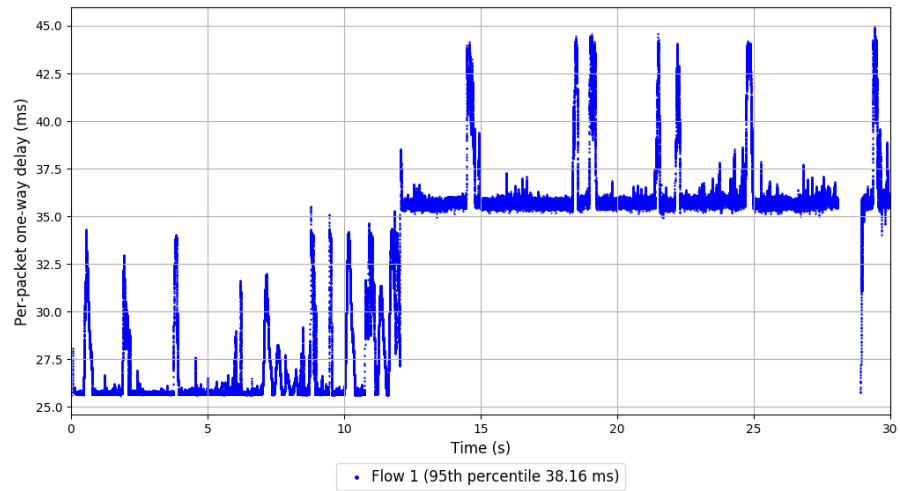
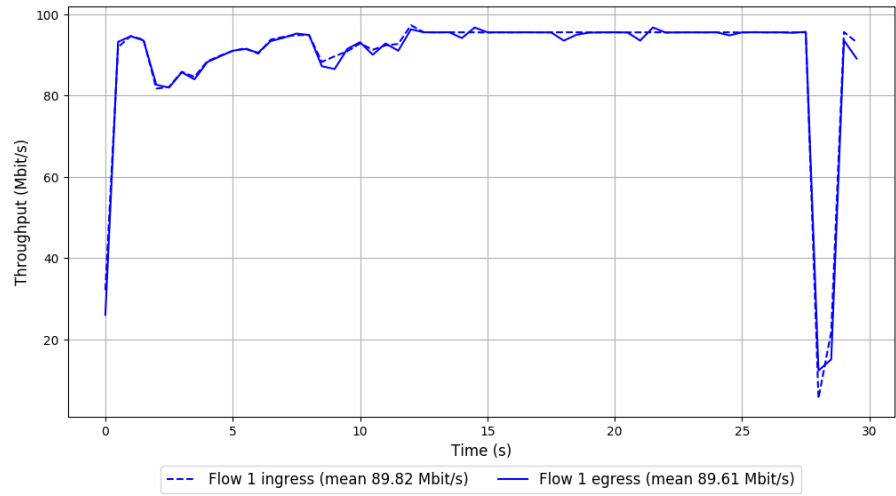


Run 6: Statistics of Copa

Start at: 2018-03-13 02:59:42
End at: 2018-03-13 03:00:12
Local clock offset: 1.098 ms
Remote clock offset: -4.919 ms

Below is generated by plot.py at 2018-03-13 09:24:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.61 Mbit/s
95th percentile per-packet one-way delay: 38.159 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 89.61 Mbit/s
95th percentile per-packet one-way delay: 38.159 ms
Loss rate: 0.42%

Run 6: Report of Copa — Data Link

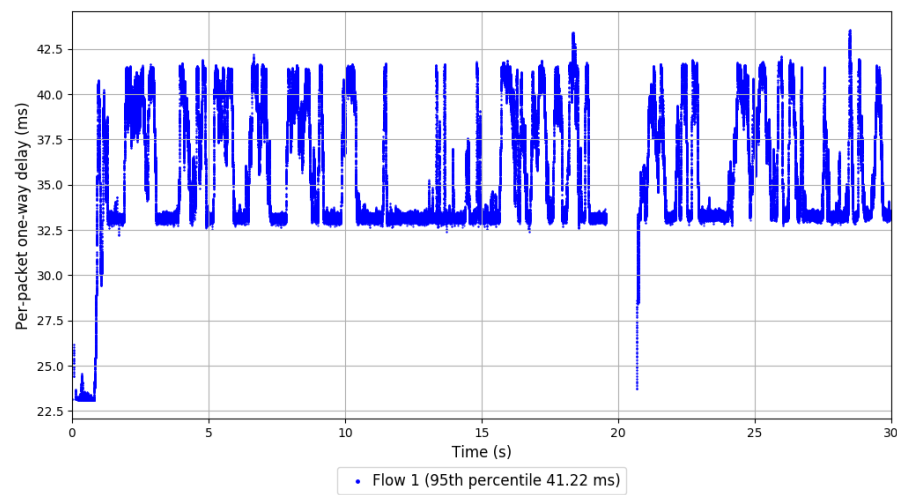
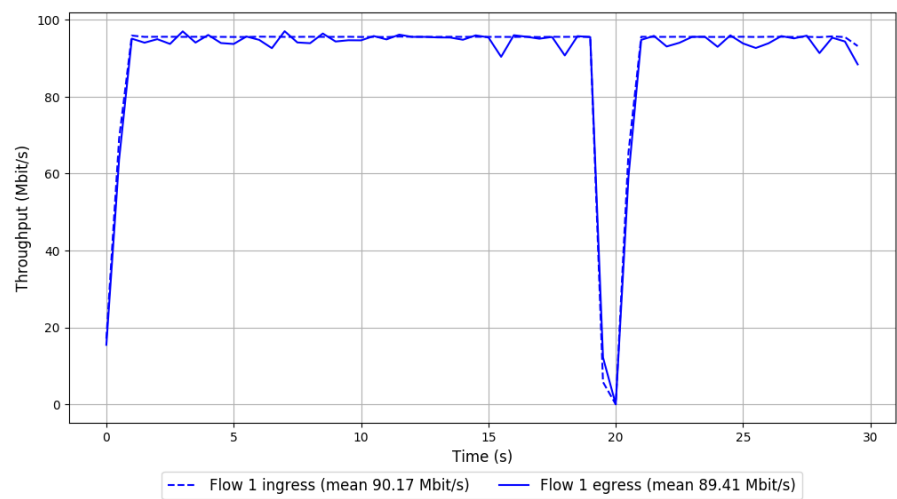


Run 7: Statistics of Copa

Start at: 2018-03-13 03:23:48
End at: 2018-03-13 03:24:18
Local clock offset: 1.006 ms
Remote clock offset: -3.088 ms

Below is generated by plot.py at 2018-03-13 09:24:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.41 Mbit/s
95th percentile per-packet one-way delay: 41.224 ms
Loss rate: 1.04%
-- Flow 1:
Average throughput: 89.41 Mbit/s
95th percentile per-packet one-way delay: 41.224 ms
Loss rate: 1.04%

Run 7: Report of Copa — Data Link

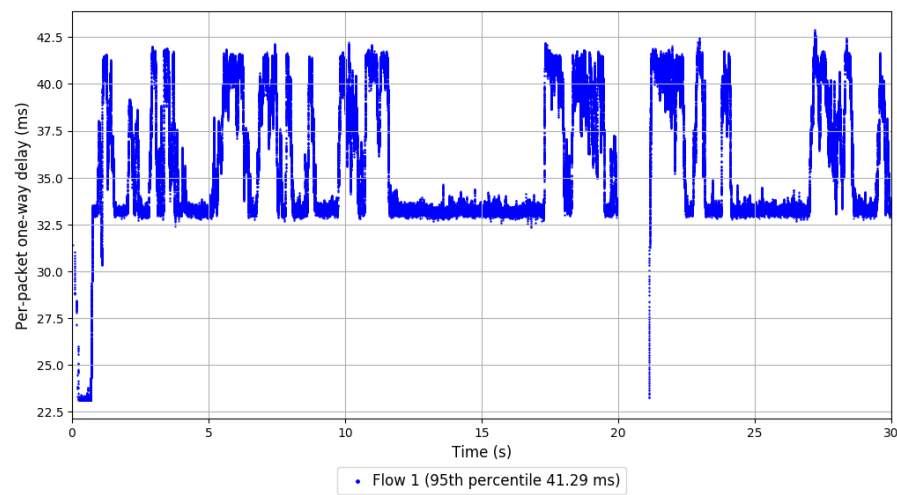
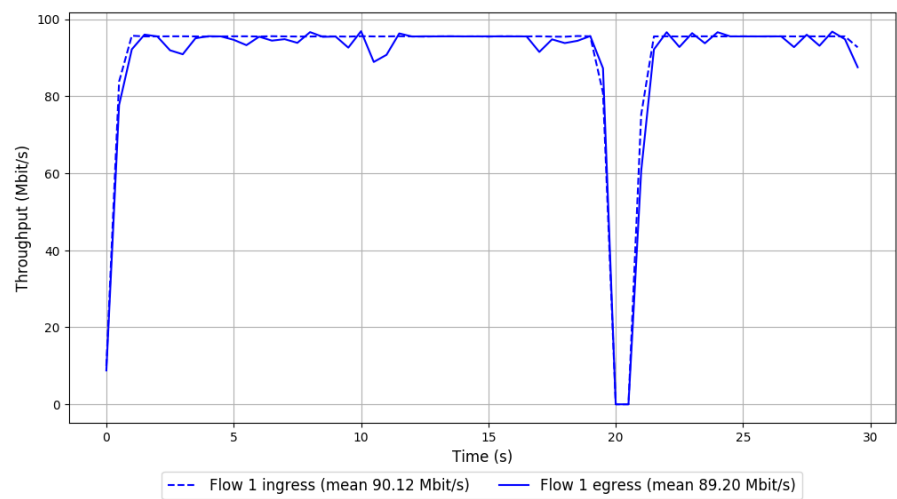


Run 8: Statistics of Copa

Start at: 2018-03-13 03:48:20
End at: 2018-03-13 03:48:50
Local clock offset: 1.255 ms
Remote clock offset: -2.501 ms

Below is generated by plot.py at 2018-03-13 09:24:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.20 Mbit/s
95th percentile per-packet one-way delay: 41.286 ms
Loss rate: 1.24%
-- Flow 1:
Average throughput: 89.20 Mbit/s
95th percentile per-packet one-way delay: 41.286 ms
Loss rate: 1.24%

Run 8: Report of Copa — Data Link

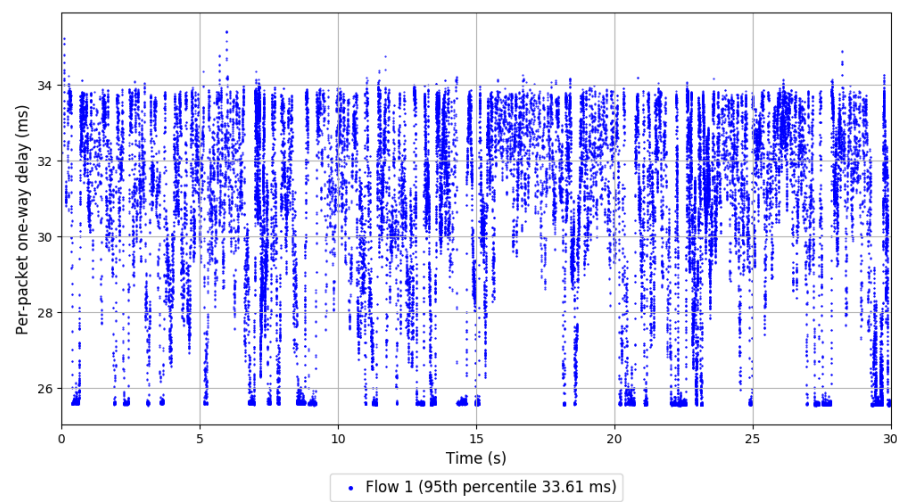
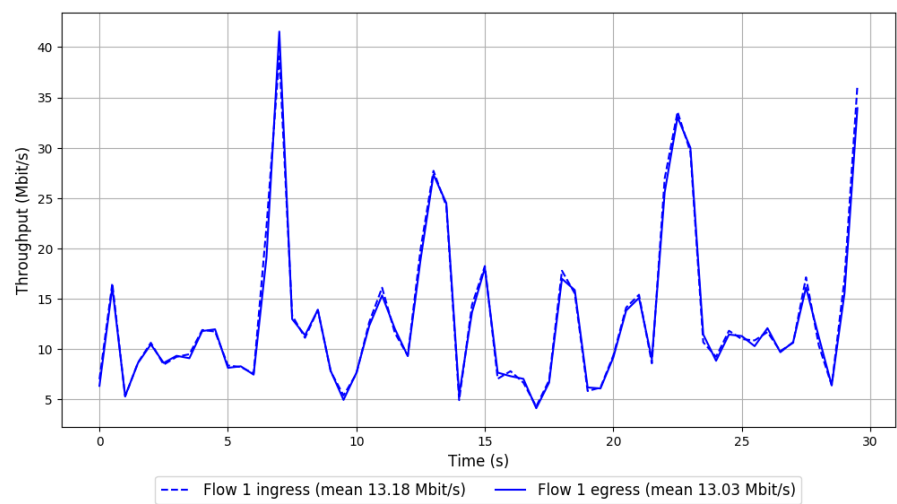


Run 9: Statistics of Copa

Start at: 2018-03-13 04:13:52
End at: 2018-03-13 04:14:22
Local clock offset: 1.277 ms
Remote clock offset: -8.488 ms

Below is generated by plot.py at 2018-03-13 09:24:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 13.03 Mbit/s
95th percentile per-packet one-way delay: 33.614 ms
Loss rate: 1.33%
-- Flow 1:
Average throughput: 13.03 Mbit/s
95th percentile per-packet one-way delay: 33.614 ms
Loss rate: 1.33%

Run 9: Report of Copa — Data Link

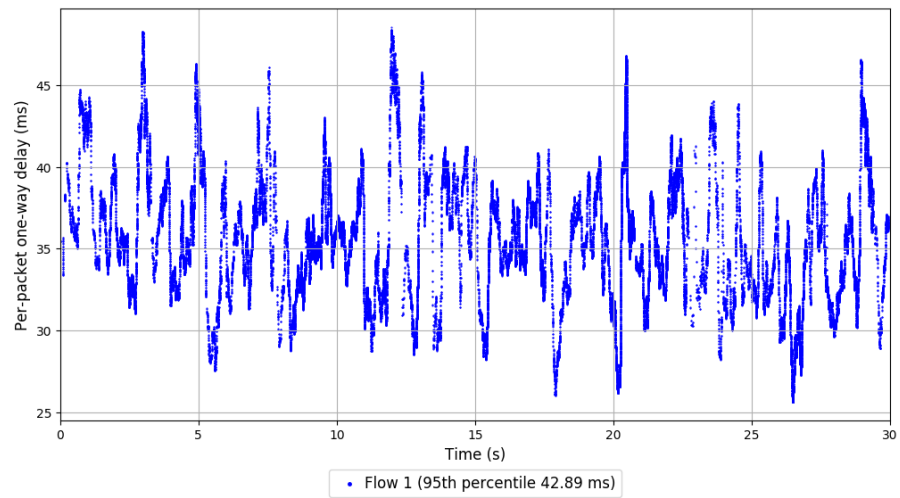
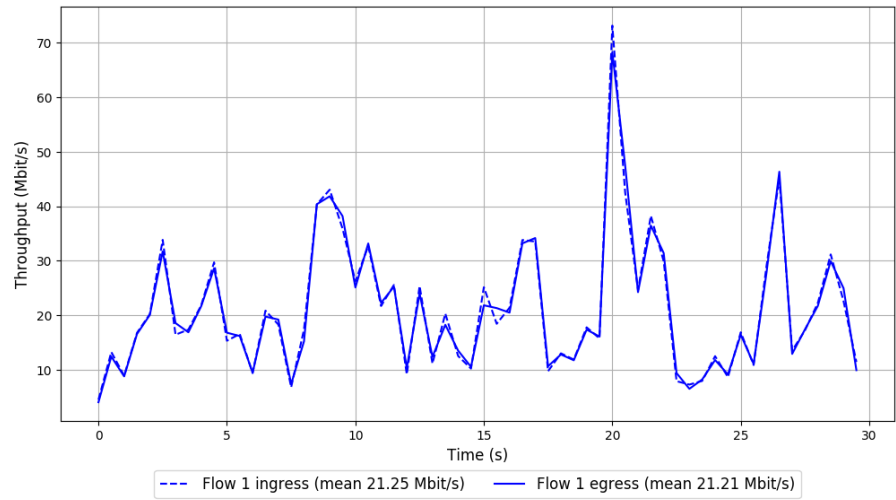


Run 10: Statistics of Copa

Start at: 2018-03-13 04:40:13
End at: 2018-03-13 04:40:43
Local clock offset: 1.249 ms
Remote clock offset: -7.022 ms

Below is generated by plot.py at 2018-03-13 09:24:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 21.21 Mbit/s
95th percentile per-packet one-way delay: 42.888 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 21.21 Mbit/s
95th percentile per-packet one-way delay: 42.888 ms
Loss rate: 0.42%

Run 10: Report of Copa — Data Link

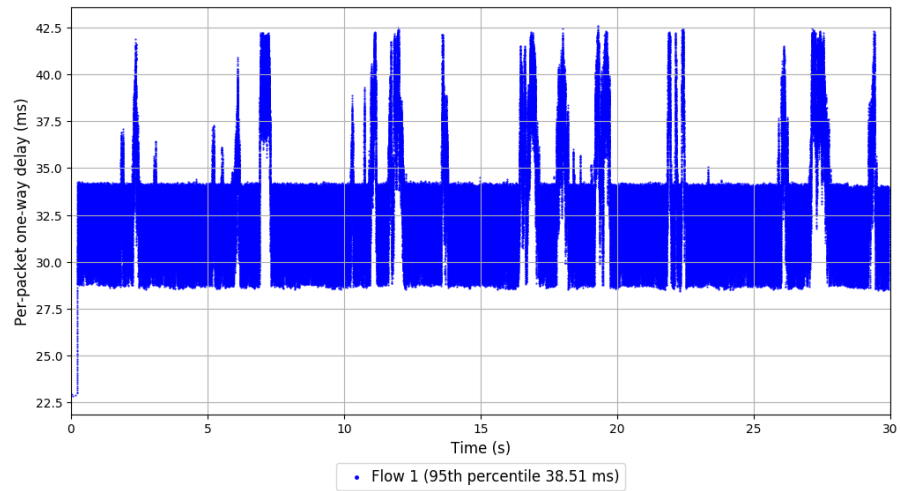
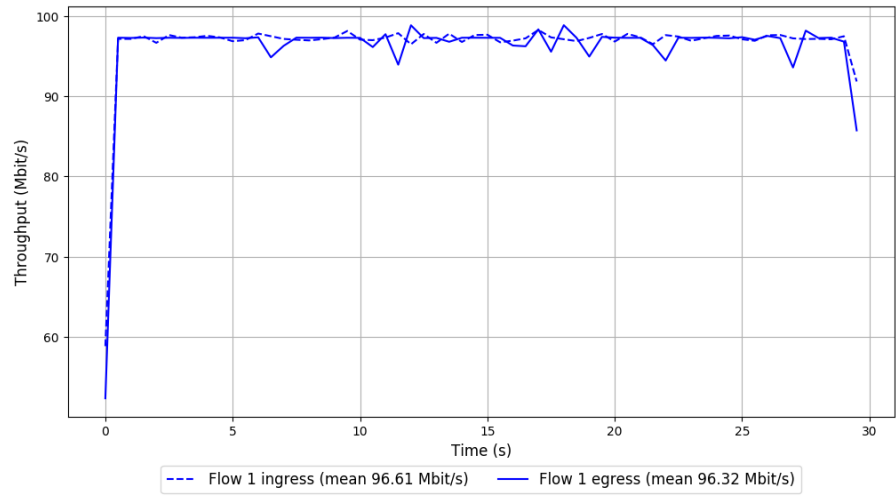


Run 1: Statistics of FillP

Start at: 2018-03-13 01:01:27
End at: 2018-03-13 01:01:57
Local clock offset: 1.093 ms
Remote clock offset: -0.404 ms

Below is generated by plot.py at 2018-03-13 09:25:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.32 Mbit/s
95th percentile per-packet one-way delay: 38.513 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 96.32 Mbit/s
95th percentile per-packet one-way delay: 38.513 ms
Loss rate: 0.50%

Run 1: Report of FillP — Data Link



Run 2: Statistics of FillP

Start at: 2018-03-13 01:26:07

End at: 2018-03-13 01:26:37

Local clock offset: 1.965 ms

Remote clock offset: -0.06 ms

Below is generated by plot.py at 2018-03-13 09:25:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.37 Mbit/s

95th percentile per-packet one-way delay: 38.874 ms

Loss rate: 0.44%

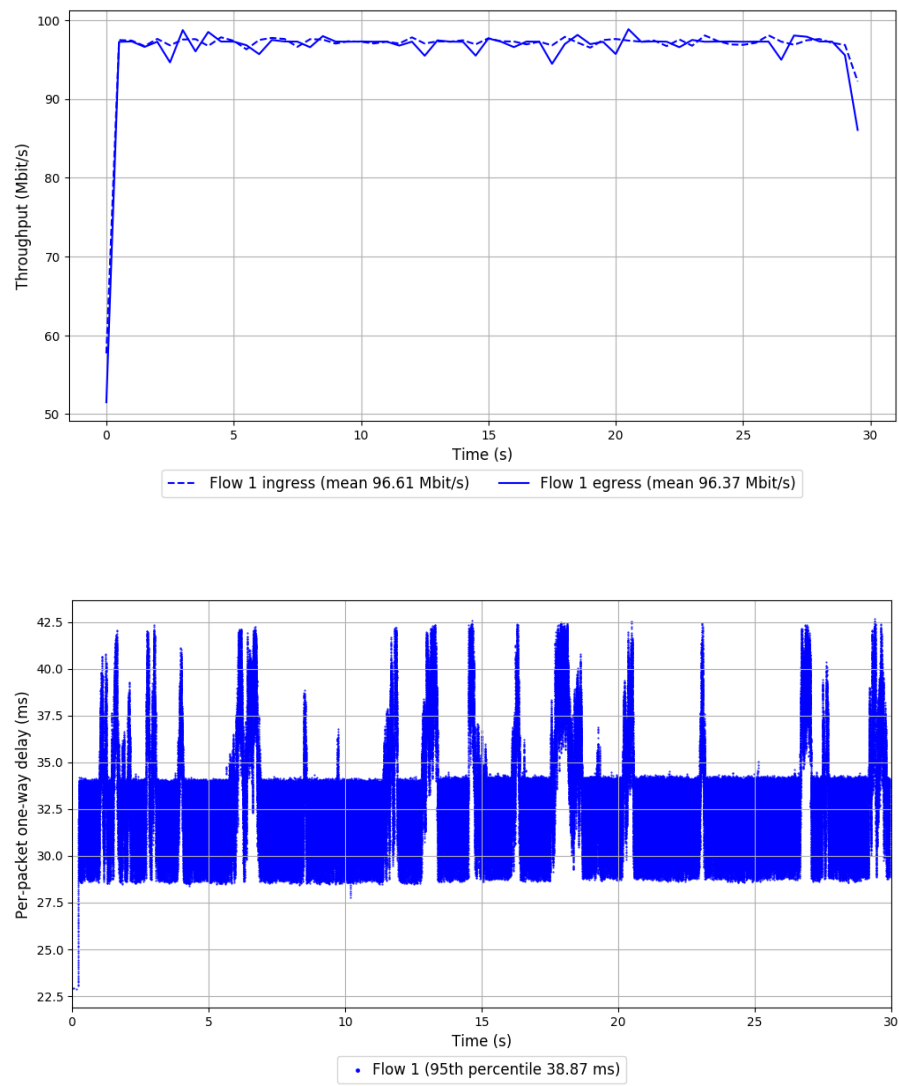
-- Flow 1:

Average throughput: 96.37 Mbit/s

95th percentile per-packet one-way delay: 38.874 ms

Loss rate: 0.44%

Run 2: Report of FillP — Data Link

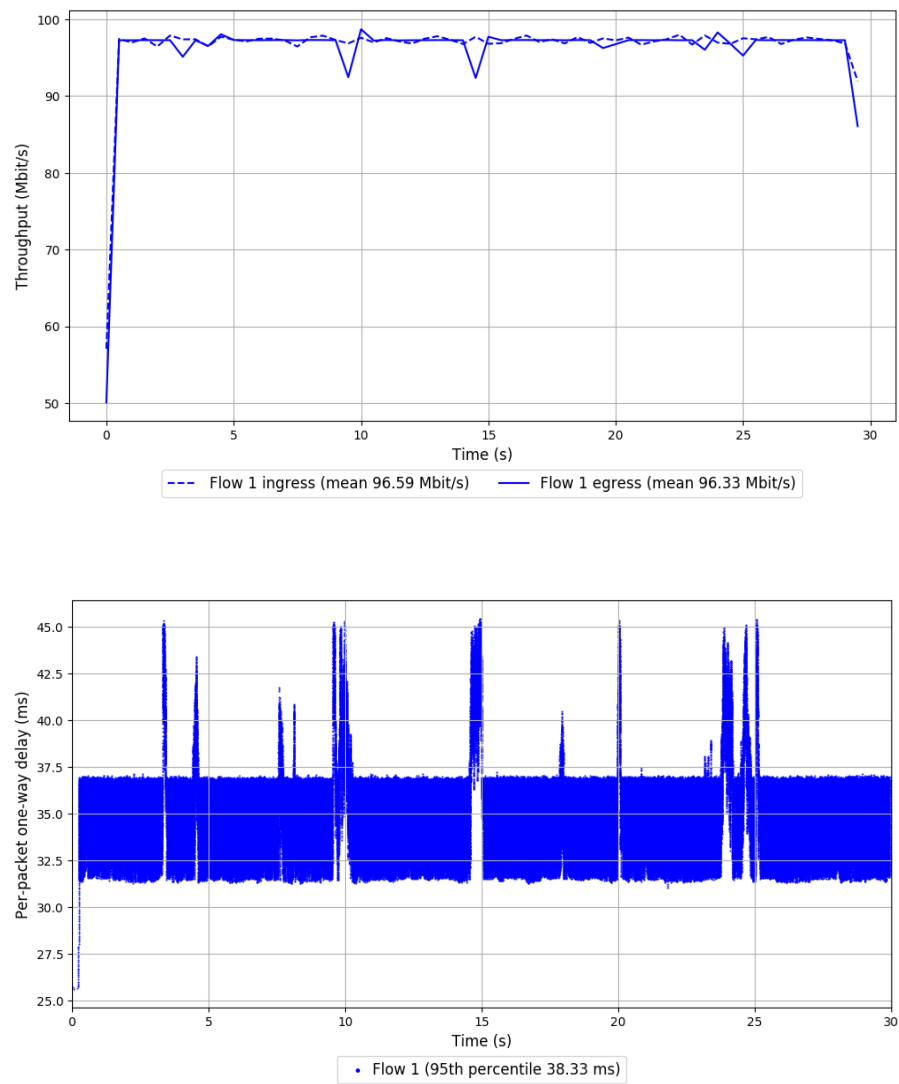


Run 3: Statistics of FillP

Start at: 2018-03-13 01:50:45
End at: 2018-03-13 01:51:15
Local clock offset: 1.268 ms
Remote clock offset: -1.703 ms

Below is generated by plot.py at 2018-03-13 09:25:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.33 Mbit/s
95th percentile per-packet one-way delay: 38.326 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 96.33 Mbit/s
95th percentile per-packet one-way delay: 38.326 ms
Loss rate: 0.46%

Run 3: Report of FillP — Data Link

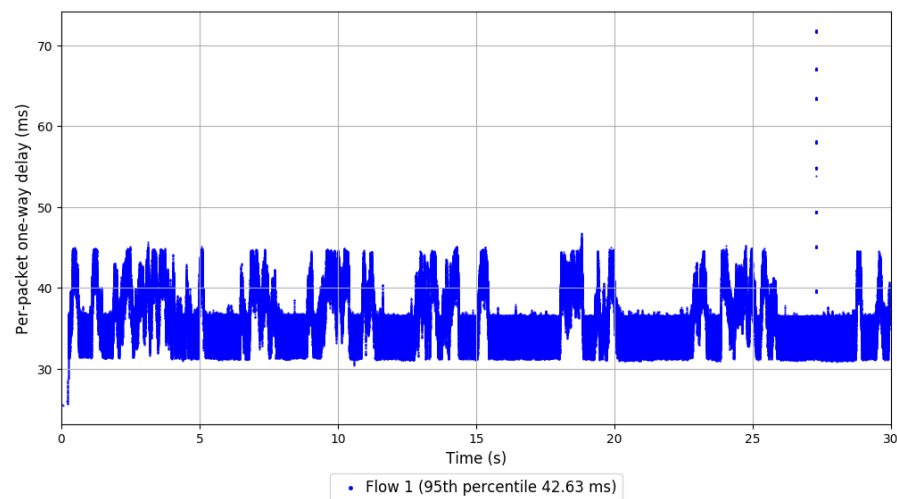
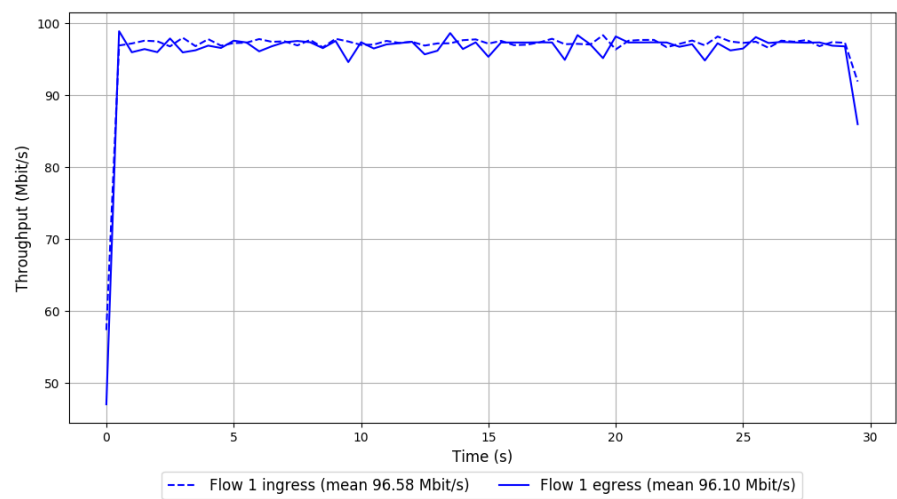


Run 4: Statistics of FillP

Start at: 2018-03-13 02:15:09
End at: 2018-03-13 02:15:39
Local clock offset: 1.044 ms
Remote clock offset: -1.179 ms

Below is generated by plot.py at 2018-03-13 09:25:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.10 Mbit/s
95th percentile per-packet one-way delay: 42.627 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 96.10 Mbit/s
95th percentile per-packet one-way delay: 42.627 ms
Loss rate: 0.68%

Run 4: Report of FillP — Data Link



Run 5: Statistics of FillP

Start at: 2018-03-13 02:39:21

End at: 2018-03-13 02:39:51

Local clock offset: 0.943 ms

Remote clock offset: -0.71 ms

Below is generated by plot.py at 2018-03-13 09:25:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.41 Mbit/s

95th percentile per-packet one-way delay: 35.911 ms

Loss rate: 0.38%

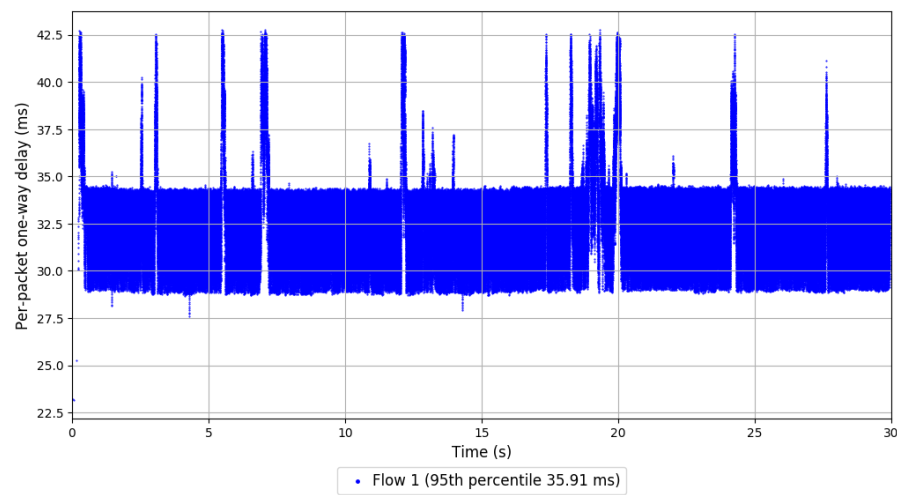
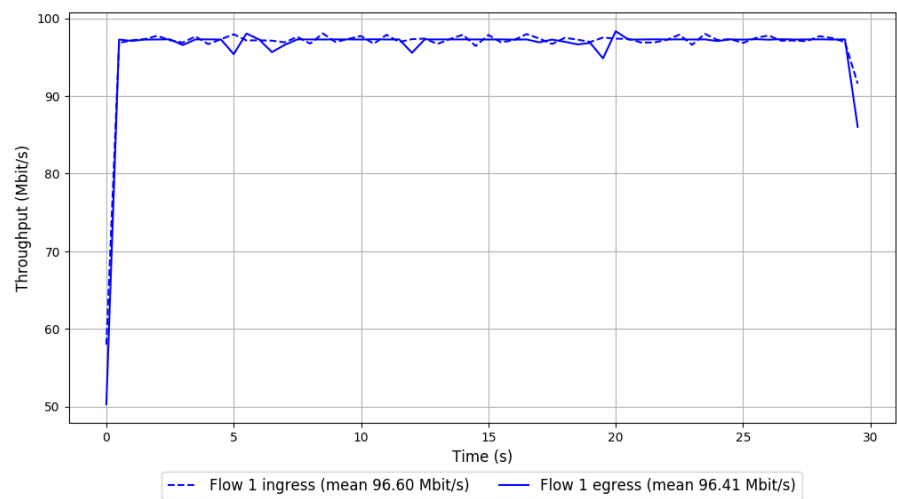
-- Flow 1:

Average throughput: 96.41 Mbit/s

95th percentile per-packet one-way delay: 35.911 ms

Loss rate: 0.38%

Run 5: Report of FillP — Data Link

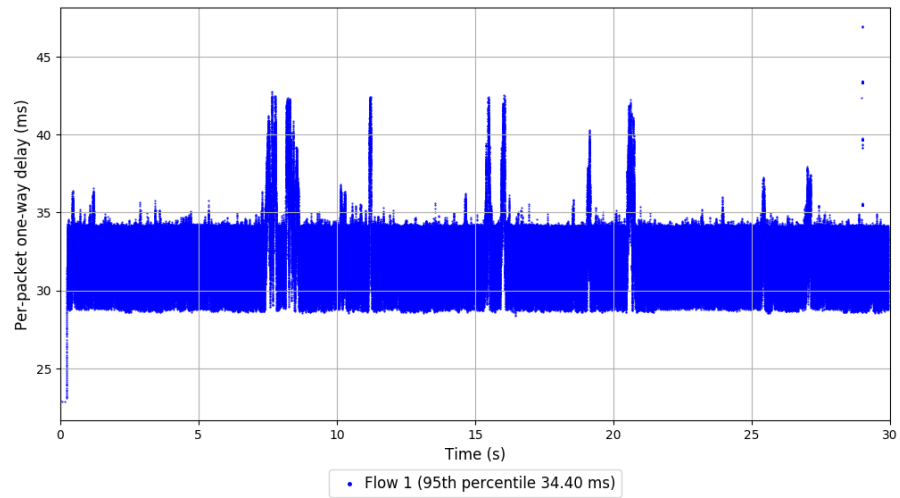
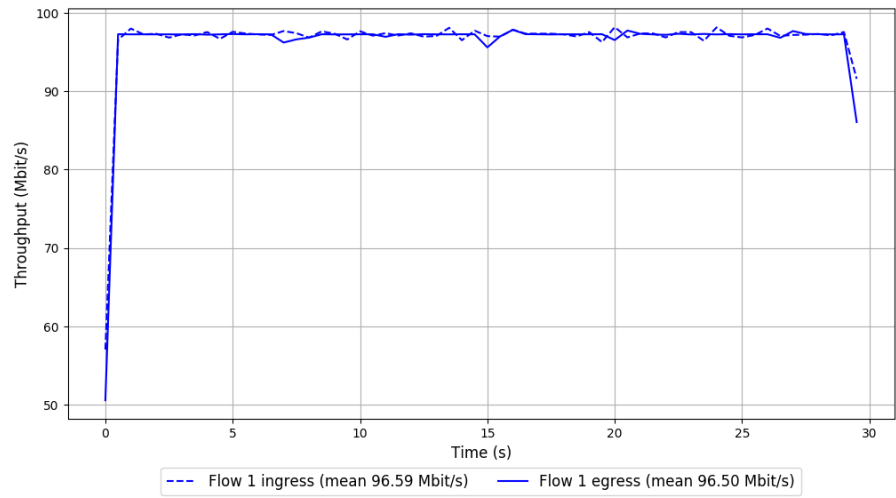


Run 6: Statistics of FillP

Start at: 2018-03-13 03:05:02
End at: 2018-03-13 03:05:32
Local clock offset: 1.097 ms
Remote clock offset: -2.715 ms

Below is generated by plot.py at 2018-03-13 09:26:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.50 Mbit/s
95th percentile per-packet one-way delay: 34.403 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 96.50 Mbit/s
95th percentile per-packet one-way delay: 34.403 ms
Loss rate: 0.28%

Run 6: Report of FillP — Data Link

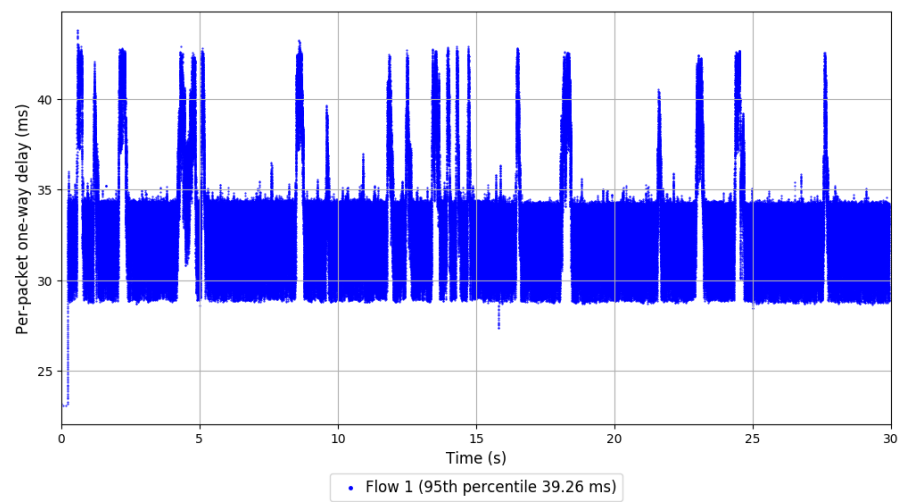
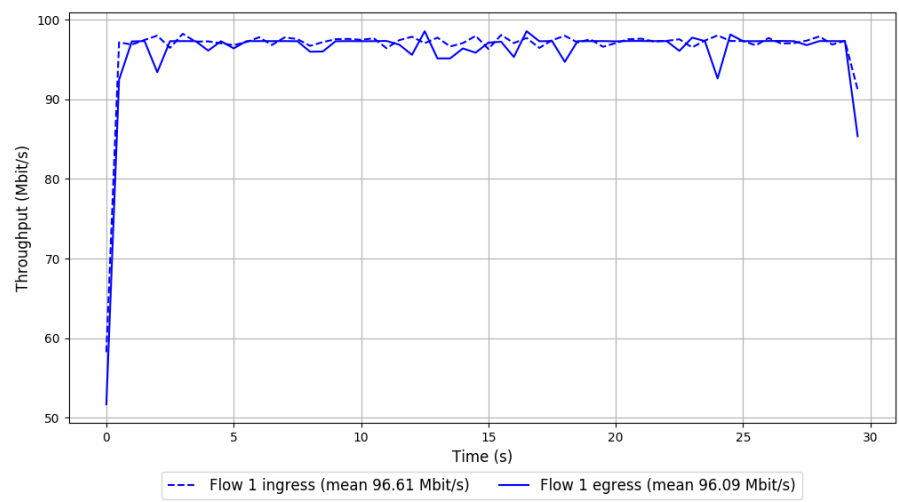


Run 7: Statistics of FillP

Start at: 2018-03-13 03:29:11
End at: 2018-03-13 03:29:41
Local clock offset: 1.165 ms
Remote clock offset: -2.394 ms

Below is generated by plot.py at 2018-03-13 09:26:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.09 Mbit/s
95th percentile per-packet one-way delay: 39.259 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 96.09 Mbit/s
95th percentile per-packet one-way delay: 39.259 ms
Loss rate: 0.72%

Run 7: Report of FillP — Data Link

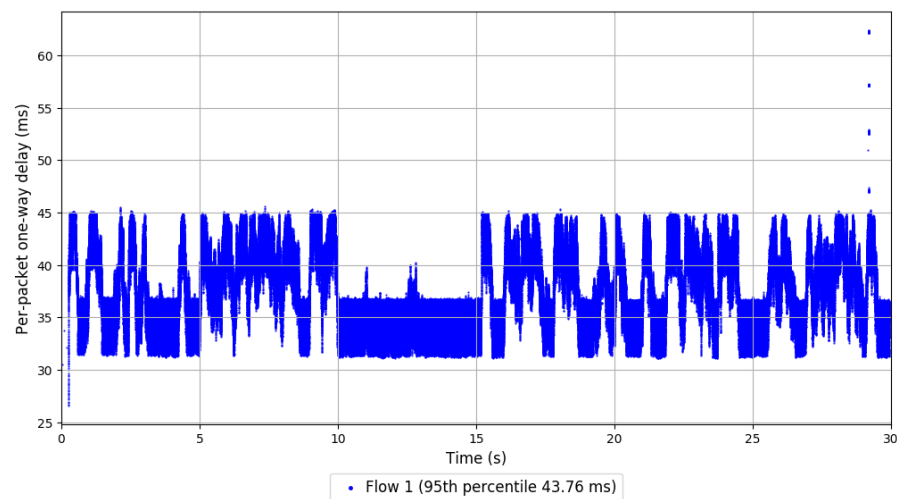
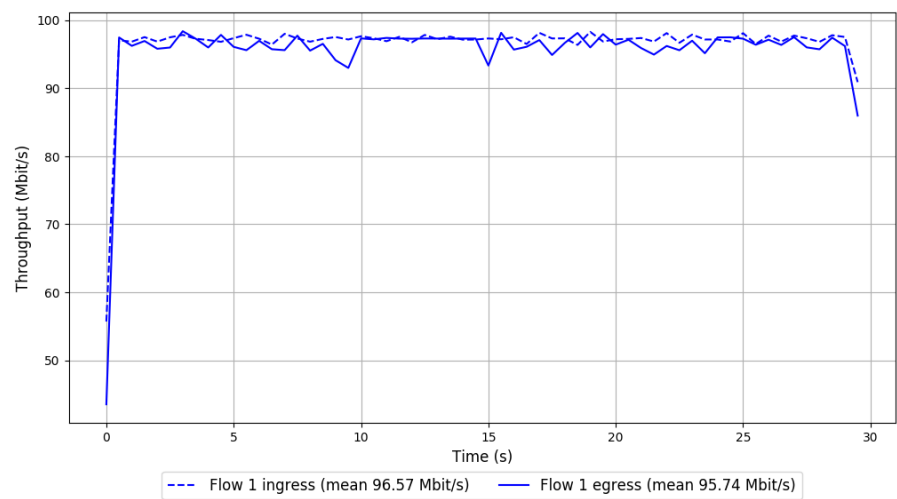


Run 8: Statistics of FillP

Start at: 2018-03-13 03:53:39
End at: 2018-03-13 03:54:09
Local clock offset: 1.291 ms
Remote clock offset: -5.213 ms

Below is generated by plot.py at 2018-03-13 09:26:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.74 Mbit/s
95th percentile per-packet one-way delay: 43.756 ms
Loss rate: 1.05%
-- Flow 1:
Average throughput: 95.74 Mbit/s
95th percentile per-packet one-way delay: 43.756 ms
Loss rate: 1.05%

Run 8: Report of FillP — Data Link

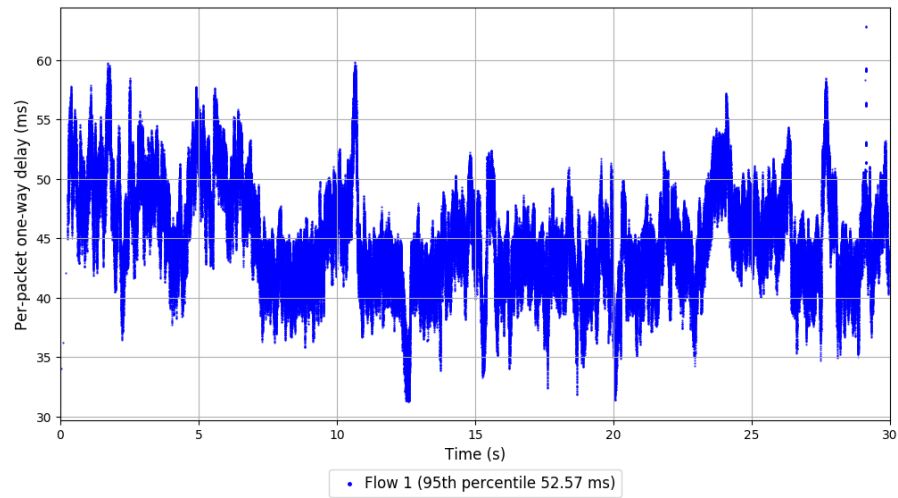
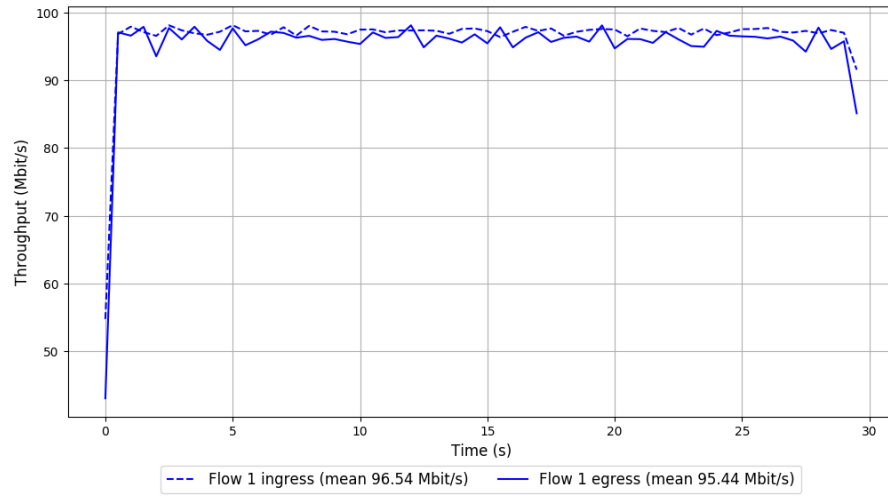


Run 9: Statistics of FillP

Start at: 2018-03-13 04:19:11
End at: 2018-03-13 04:19:41
Local clock offset: 1.317 ms
Remote clock offset: -8.591 ms

Below is generated by plot.py at 2018-03-13 09:26:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.44 Mbit/s
95th percentile per-packet one-way delay: 52.567 ms
Loss rate: 1.36%
-- Flow 1:
Average throughput: 95.44 Mbit/s
95th percentile per-packet one-way delay: 52.567 ms
Loss rate: 1.36%

Run 9: Report of FillP — Data Link

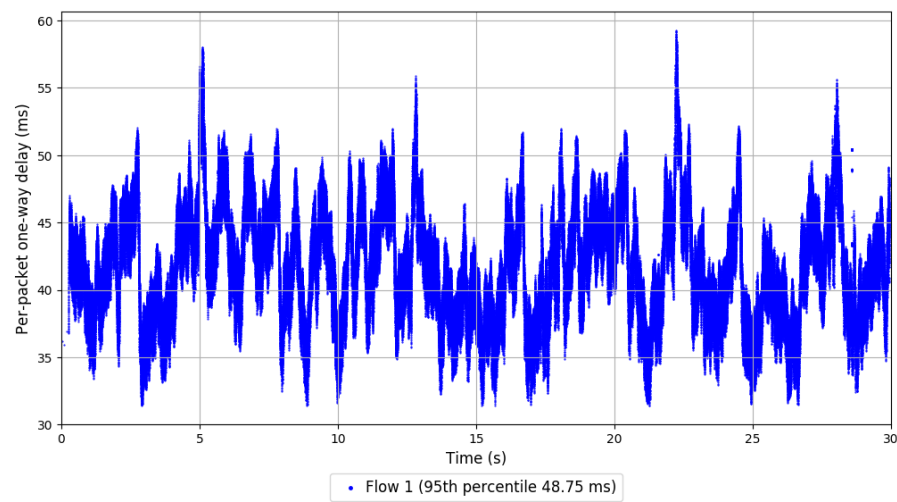
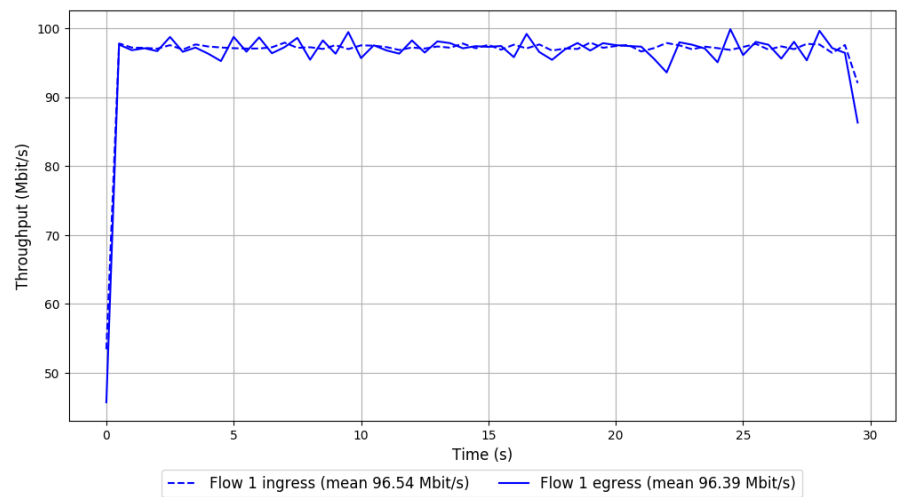


Run 10: Statistics of FillP

Start at: 2018-03-13 04:45:35
End at: 2018-03-13 04:46:05
Local clock offset: 1.288 ms
Remote clock offset: -6.763 ms

Below is generated by plot.py at 2018-03-13 09:27:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.39 Mbit/s
95th percentile per-packet one-way delay: 48.748 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 96.39 Mbit/s
95th percentile per-packet one-way delay: 48.748 ms
Loss rate: 0.38%

Run 10: Report of FillP — Data Link

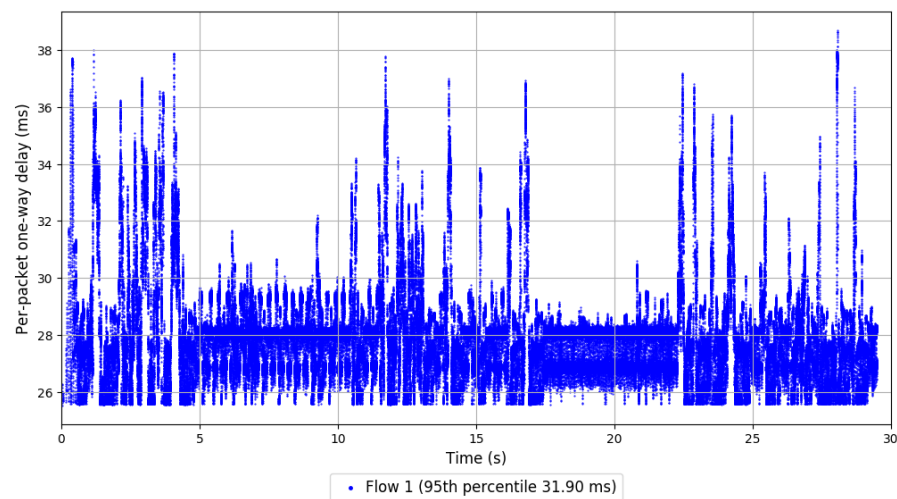
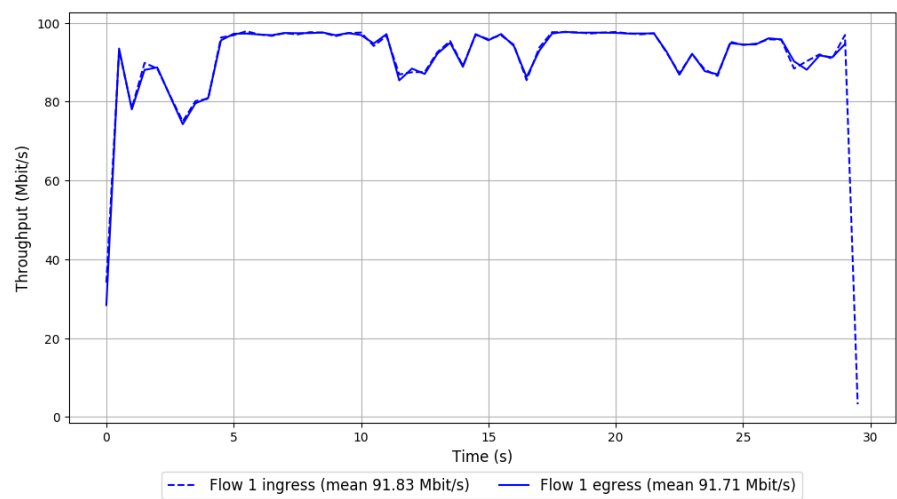


```
Run 1: Statistics of Indigo-1-32

Start at: 2018-03-13 00:49:29
End at: 2018-03-13 00:49:59
Local clock offset: 1.113 ms
Remote clock offset: -3.298 ms

# Below is generated by plot.py at 2018-03-13 09:27:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.71 Mbit/s
95th percentile per-packet one-way delay: 31.901 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 91.71 Mbit/s
95th percentile per-packet one-way delay: 31.901 ms
Loss rate: 0.31%
```

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



Run 2: Statistics of Indigo-1-32

Start at: 2018-03-13 01:13:52

End at: 2018-03-13 01:14:22

Local clock offset: 1.739 ms

Remote clock offset: -0.772 ms

Below is generated by plot.py at 2018-03-13 09:27:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.23 Mbit/s

95th percentile per-packet one-way delay: 30.804 ms

Loss rate: 0.43%

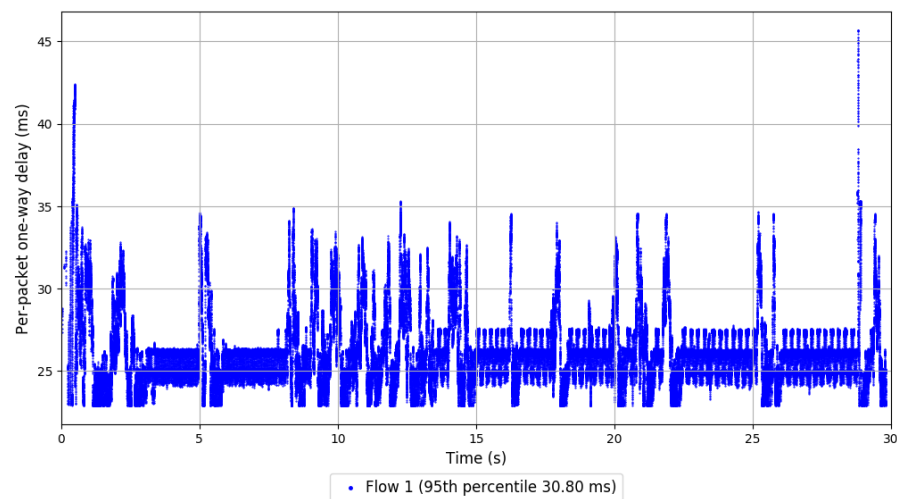
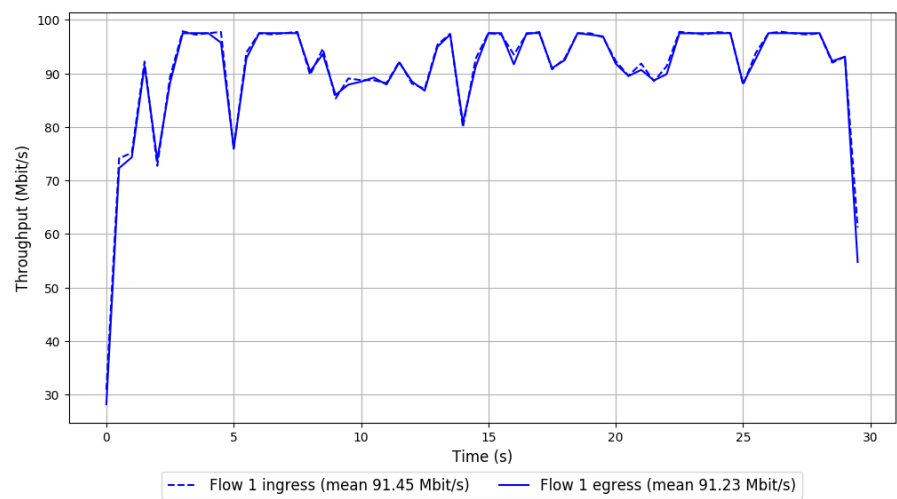
-- Flow 1:

Average throughput: 91.23 Mbit/s

95th percentile per-packet one-way delay: 30.804 ms

Loss rate: 0.43%

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



Run 3: Statistics of Indigo-1-32

Start at: 2018-03-13 01:38:22

End at: 2018-03-13 01:38:53

Local clock offset: 1.8 ms

Remote clock offset: -1.714 ms

Below is generated by plot.py at 2018-03-13 09:27:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.41 Mbit/s

95th percentile per-packet one-way delay: 32.796 ms

Loss rate: 0.28%

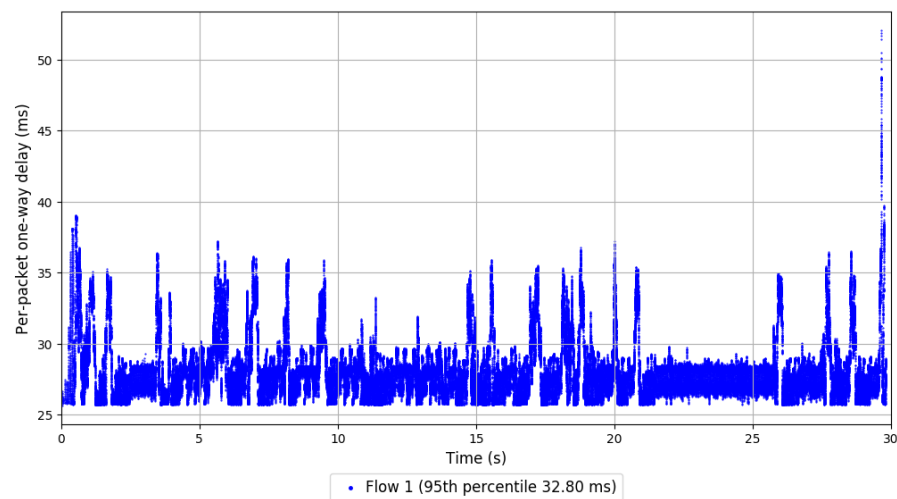
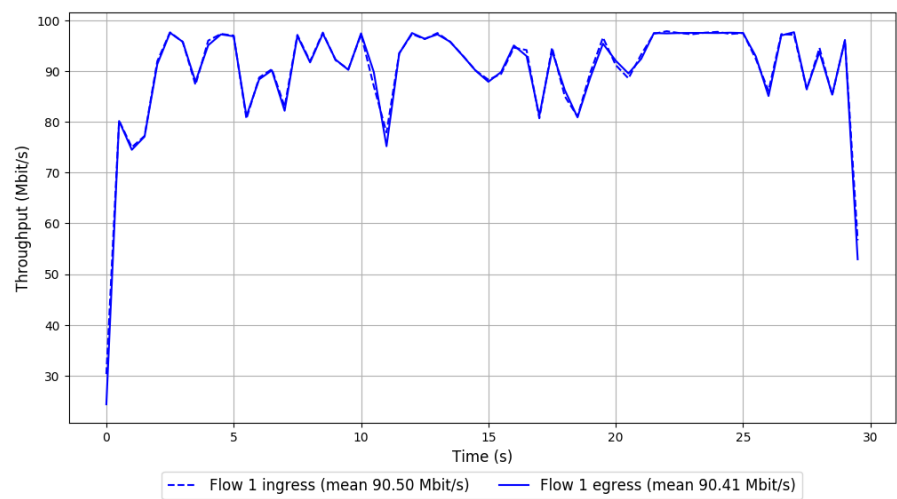
-- Flow 1:

Average throughput: 90.41 Mbit/s

95th percentile per-packet one-way delay: 32.796 ms

Loss rate: 0.28%

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



Run 4: Statistics of Indigo-1-32

Start at: 2018-03-13 02:02:48

End at: 2018-03-13 02:03:18

Local clock offset: 1.142 ms

Remote clock offset: 1.635 ms

Below is generated by plot.py at 2018-03-13 09:27:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.72 Mbit/s

95th percentile per-packet one-way delay: 27.892 ms

Loss rate: 0.30%

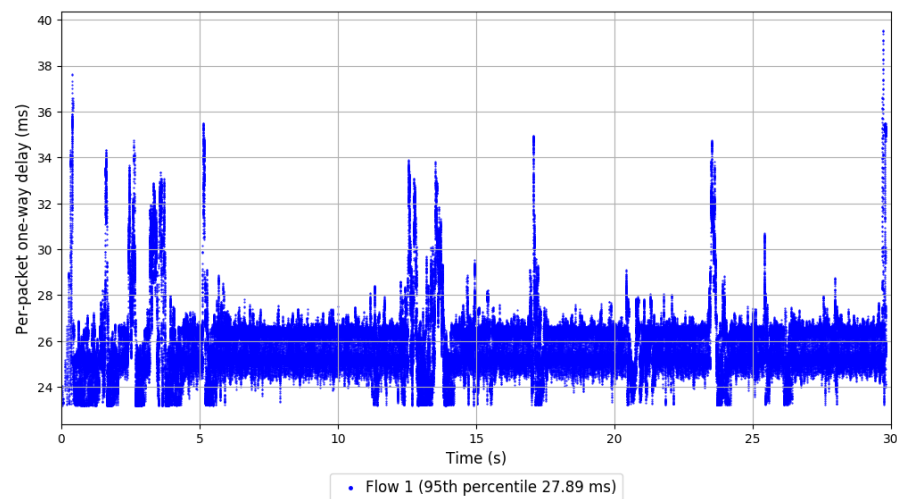
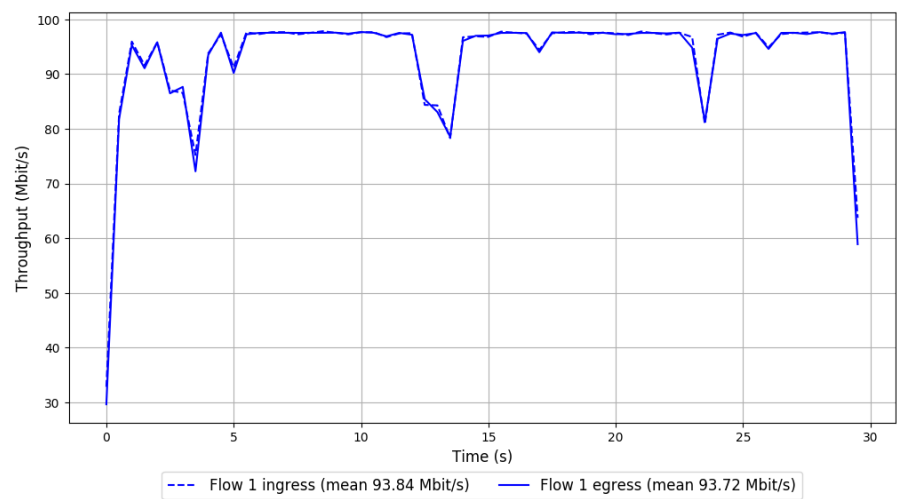
-- Flow 1:

Average throughput: 93.72 Mbit/s

95th percentile per-packet one-way delay: 27.892 ms

Loss rate: 0.30%

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



Run 5: Statistics of Indigo-1-32

Start at: 2018-03-13 02:27:23

End at: 2018-03-13 02:27:53

Local clock offset: 0.991 ms

Remote clock offset: -2.873 ms

Below is generated by plot.py at 2018-03-13 09:27:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.95 Mbit/s

95th percentile per-packet one-way delay: 30.521 ms

Loss rate: 0.30%

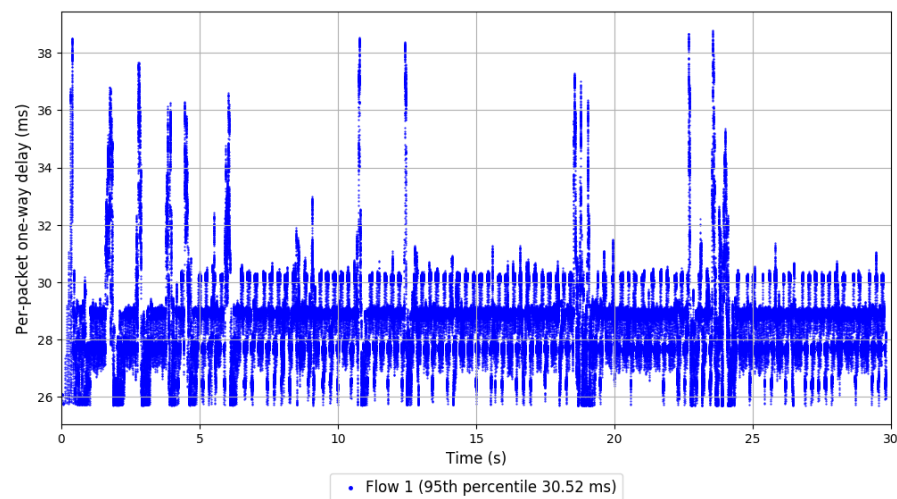
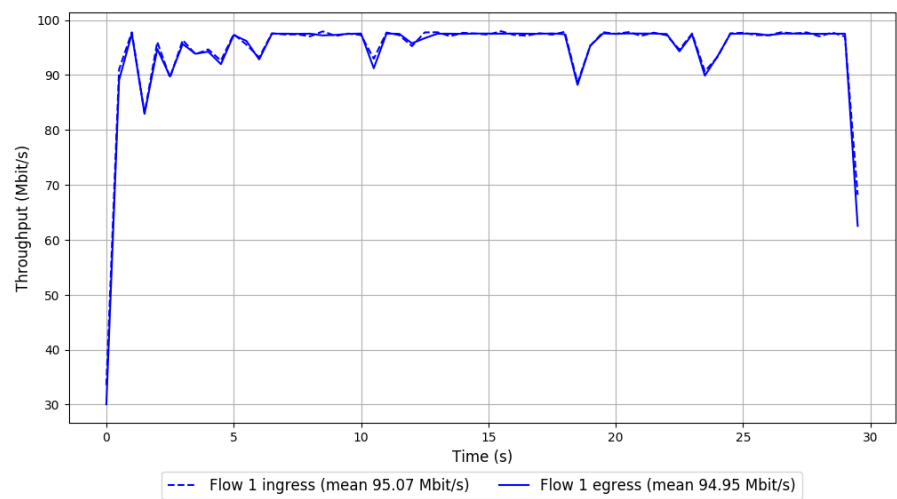
-- Flow 1:

Average throughput: 94.95 Mbit/s

95th percentile per-packet one-way delay: 30.521 ms

Loss rate: 0.30%

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



Run 6: Statistics of Indigo-1-32

Start at: 2018-03-13 02:53:03

End at: 2018-03-13 02:53:33

Local clock offset: 1.061 ms

Remote clock offset: -1.739 ms

Below is generated by plot.py at 2018-03-13 09:27:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.72 Mbit/s

95th percentile per-packet one-way delay: 27.568 ms

Loss rate: 0.24%

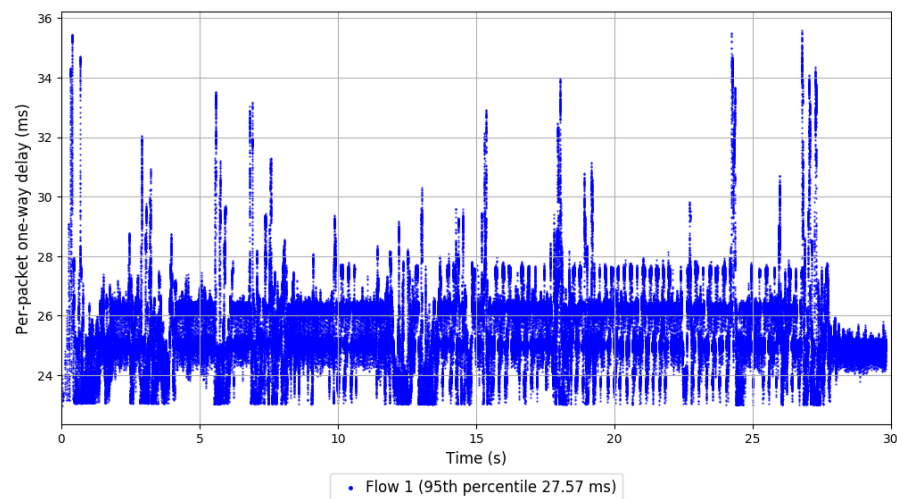
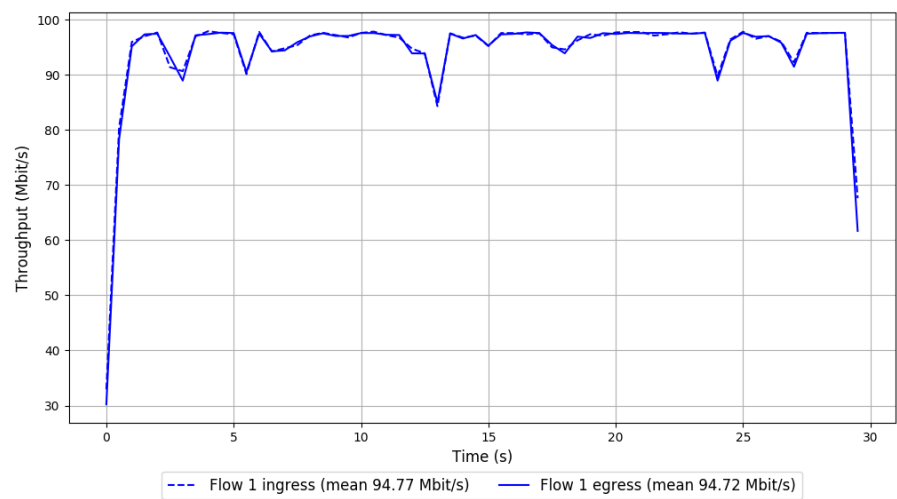
-- Flow 1:

Average throughput: 94.72 Mbit/s

95th percentile per-packet one-way delay: 27.568 ms

Loss rate: 0.24%

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

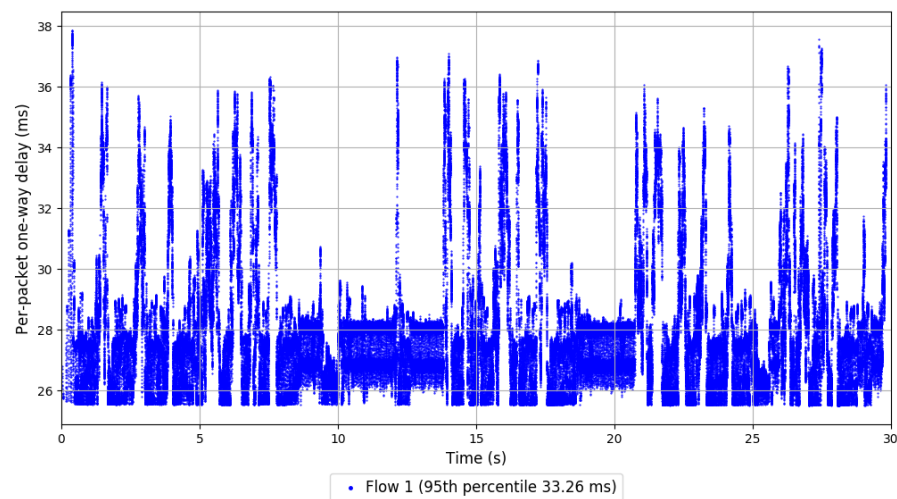
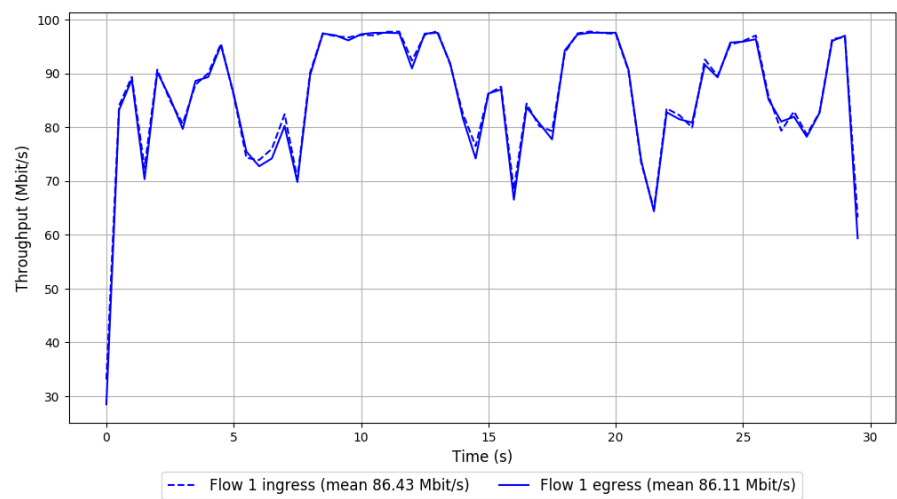


Run 7: Statistics of Indigo-1-32

Start at: 2018-03-13 03:17:01
End at: 2018-03-13 03:17:31
Local clock offset: 1.032 ms
Remote clock offset: -6.235 ms

Below is generated by plot.py at 2018-03-13 09:28:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.11 Mbit/s
95th percentile per-packet one-way delay: 33.259 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 86.11 Mbit/s
95th percentile per-packet one-way delay: 33.259 ms
Loss rate: 0.56%

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



Run 8: Statistics of Indigo-1-32

Start at: 2018-03-13 03:41:30

End at: 2018-03-13 03:42:00

Local clock offset: 1.138 ms

Remote clock offset: -4.874 ms

Below is generated by plot.py at 2018-03-13 09:28:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.42 Mbit/s

95th percentile per-packet one-way delay: 32.894 ms

Loss rate: 0.51%

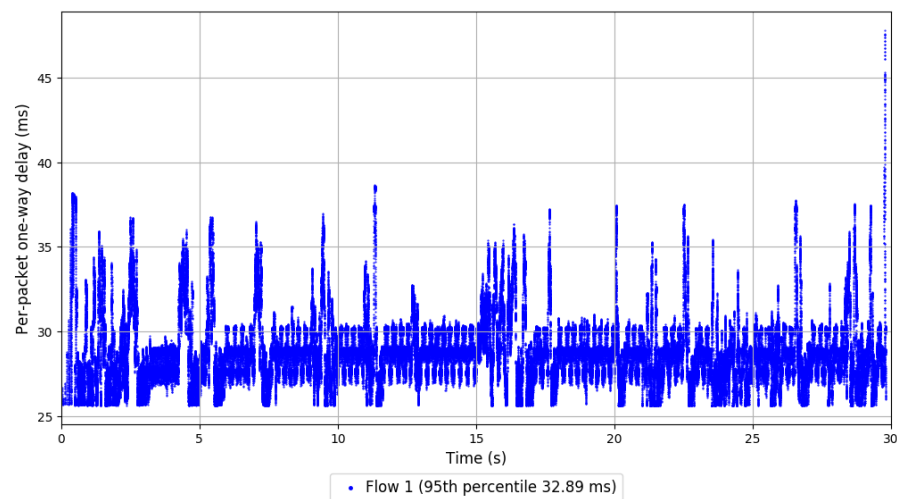
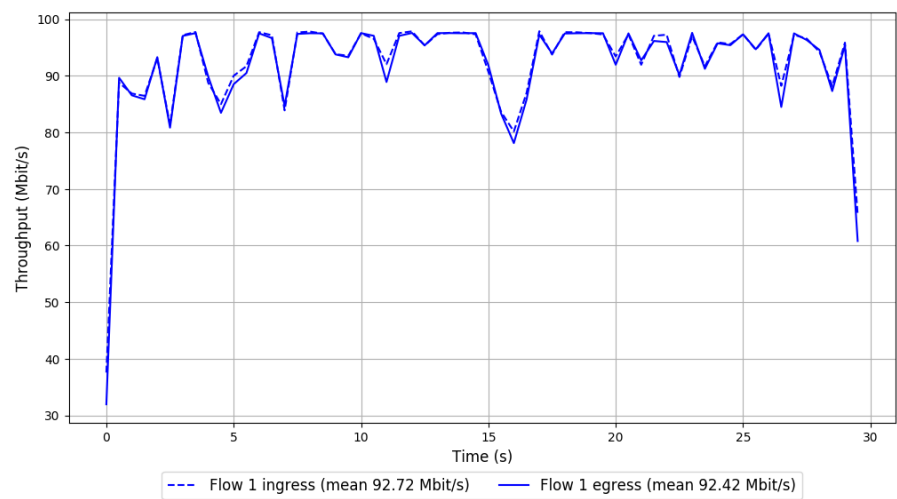
-- Flow 1:

Average throughput: 92.42 Mbit/s

95th percentile per-packet one-way delay: 32.894 ms

Loss rate: 0.51%

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



Run 9: Statistics of Indigo-1-32

Start at: 2018-03-13 04:06:32

End at: 2018-03-13 04:07:02

Local clock offset: 1.259 ms

Remote clock offset: -5.39 ms

Below is generated by plot.py at 2018-03-13 09:28:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 40.32 Mbit/s

95th percentile per-packet one-way delay: 32.221 ms

Loss rate: 1.16%

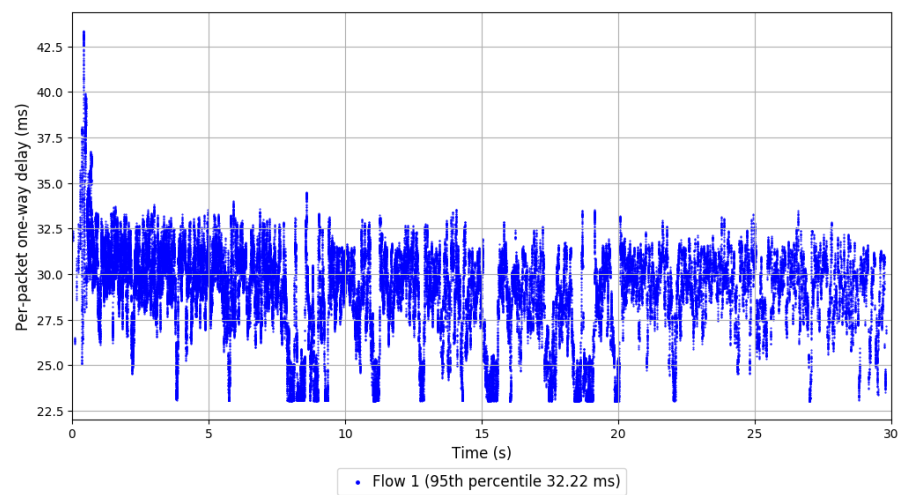
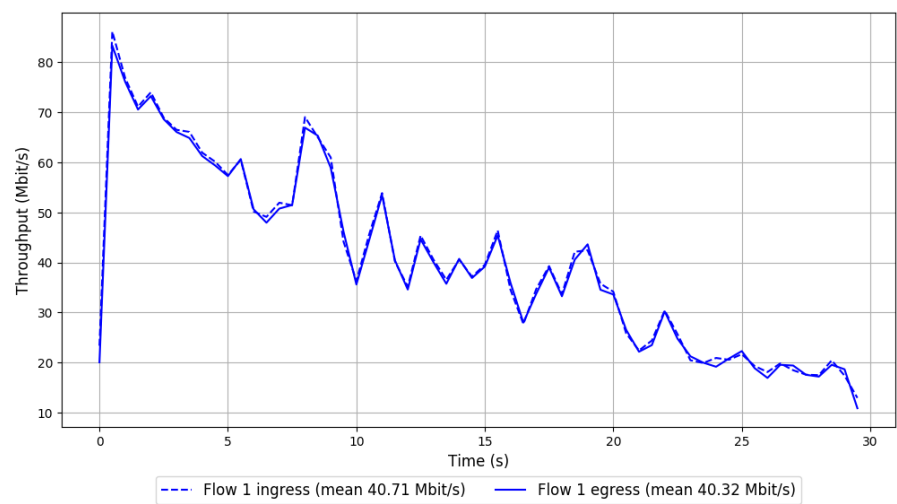
-- Flow 1:

Average throughput: 40.32 Mbit/s

95th percentile per-packet one-way delay: 32.221 ms

Loss rate: 1.16%

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



Run 10: Statistics of Indigo-1-32

Start at: 2018-03-13 04:33:27

End at: 2018-03-13 04:33:57

Local clock offset: 1.33 ms

Remote clock offset: -7.591 ms

Below is generated by plot.py at 2018-03-13 09:28:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 20.51 Mbit/s

95th percentile per-packet one-way delay: 43.256 ms

Loss rate: 0.76%

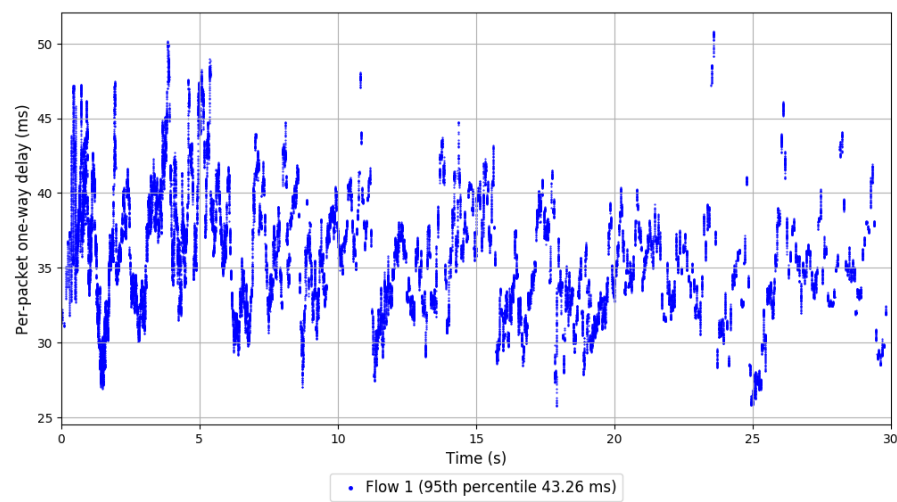
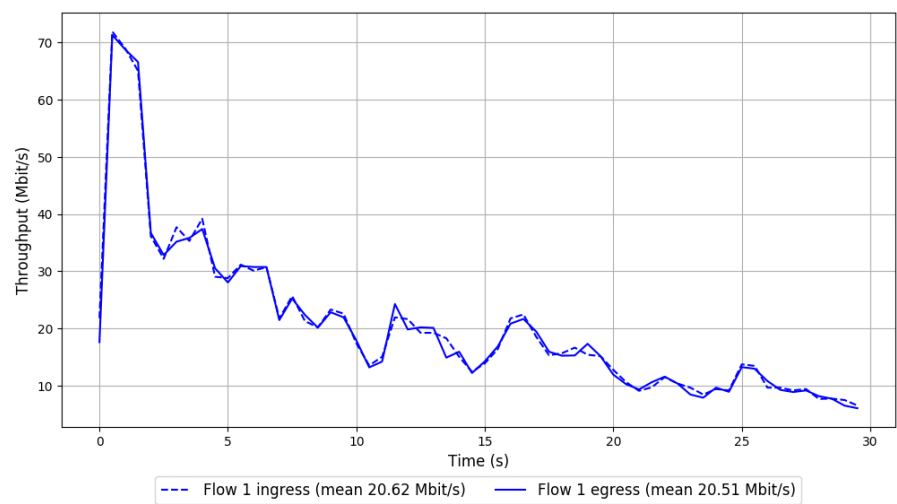
-- Flow 1:

Average throughput: 20.51 Mbit/s

95th percentile per-packet one-way delay: 43.256 ms

Loss rate: 0.76%

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

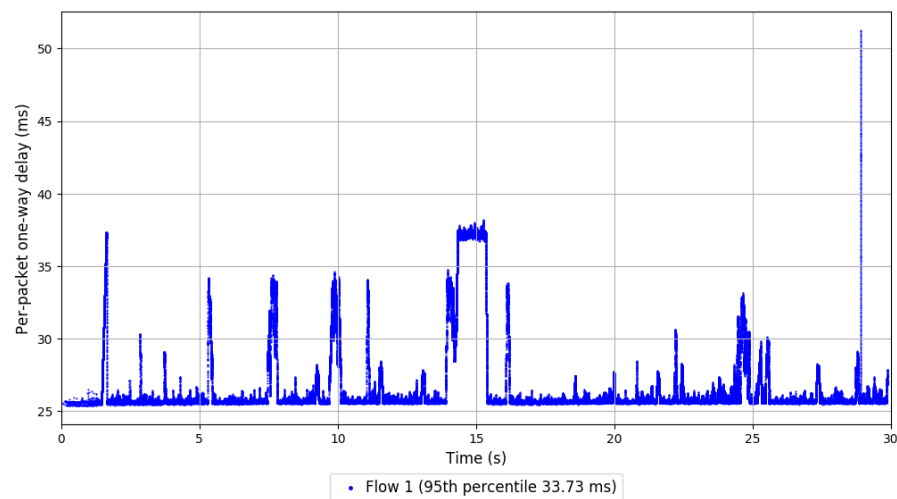
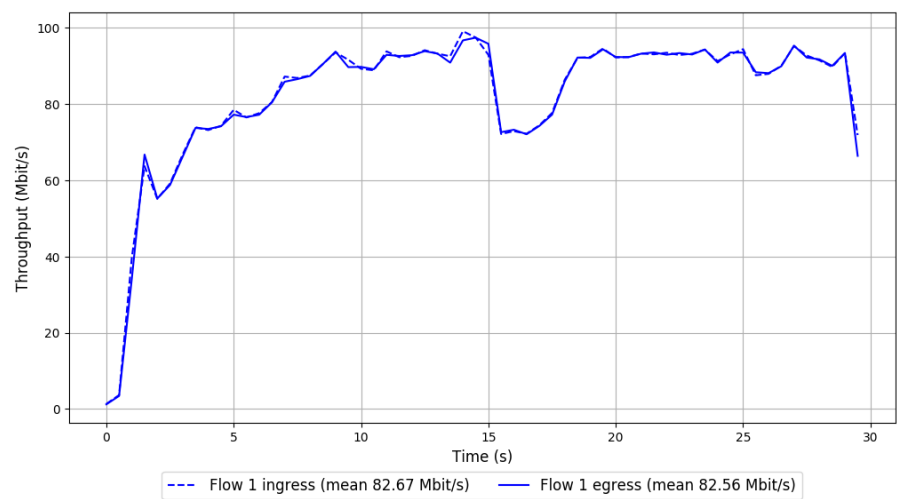


Run 1: Statistics of Vivace-latency

Start at: 2018-03-13 00:52:09
End at: 2018-03-13 00:52:39
Local clock offset: 1.078 ms
Remote clock offset: -3.283 ms

Below is generated by plot.py at 2018-03-13 09:28:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.56 Mbit/s
95th percentile per-packet one-way delay: 33.725 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 82.56 Mbit/s
95th percentile per-packet one-way delay: 33.725 ms
Loss rate: 0.31%

Run 1: Report of Vivace-latency — Data Link

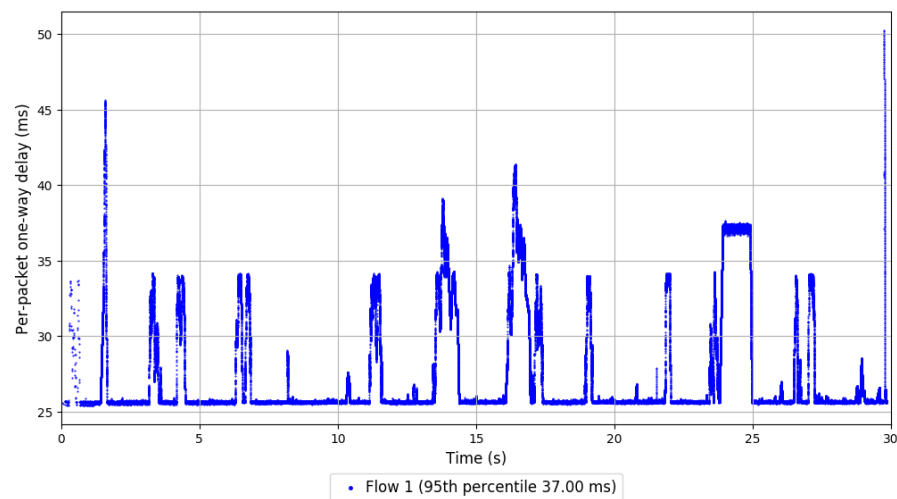
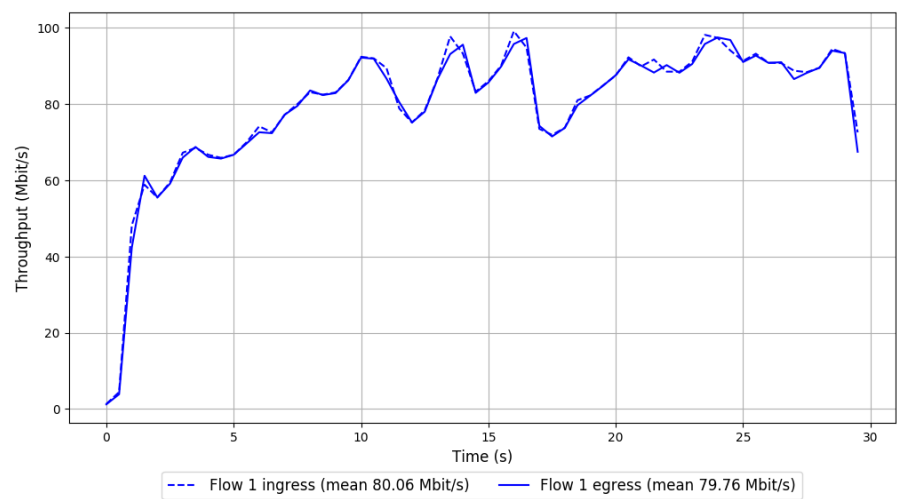


Run 2: Statistics of Vivace-latency

Start at: 2018-03-13 01:16:40
End at: 2018-03-13 01:17:10
Local clock offset: 1.879 ms
Remote clock offset: -3.353 ms

Below is generated by plot.py at 2018-03-13 09:28:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 79.76 Mbit/s
95th percentile per-packet one-way delay: 37.004 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 79.76 Mbit/s
95th percentile per-packet one-way delay: 37.004 ms
Loss rate: 0.56%

Run 2: Report of Vivace-latency — Data Link

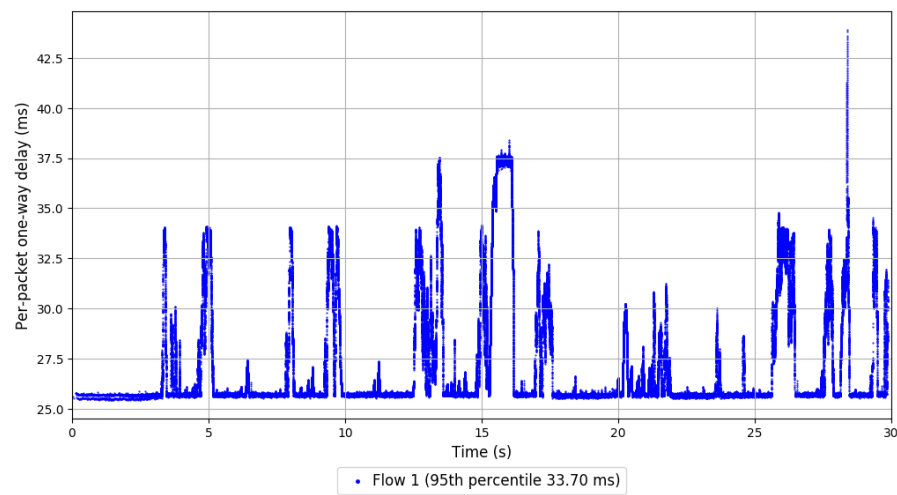
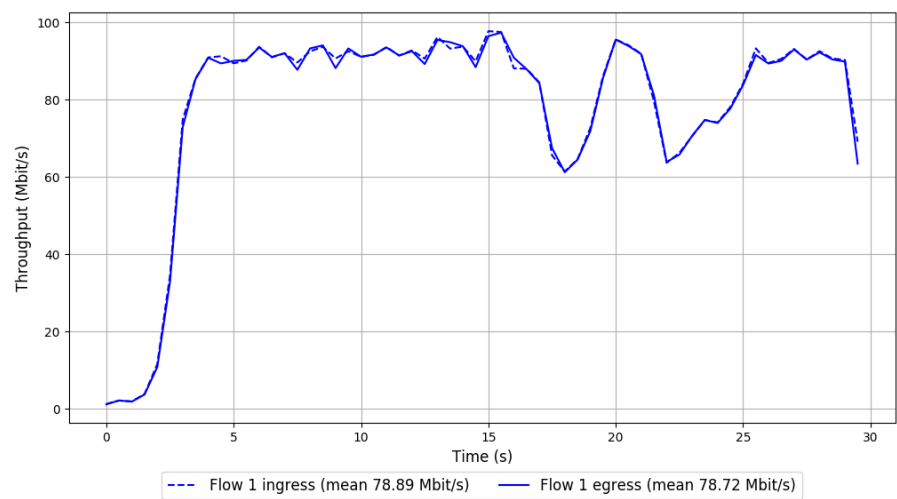


Run 3: Statistics of Vivace-latency

Start at: 2018-03-13 01:41:08
End at: 2018-03-13 01:41:38
Local clock offset: 1.52 ms
Remote clock offset: -1.947 ms

Below is generated by plot.py at 2018-03-13 09:28:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.72 Mbit/s
95th percentile per-packet one-way delay: 33.698 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 78.72 Mbit/s
95th percentile per-packet one-way delay: 33.698 ms
Loss rate: 0.39%

Run 3: Report of Vivace-latency — Data Link

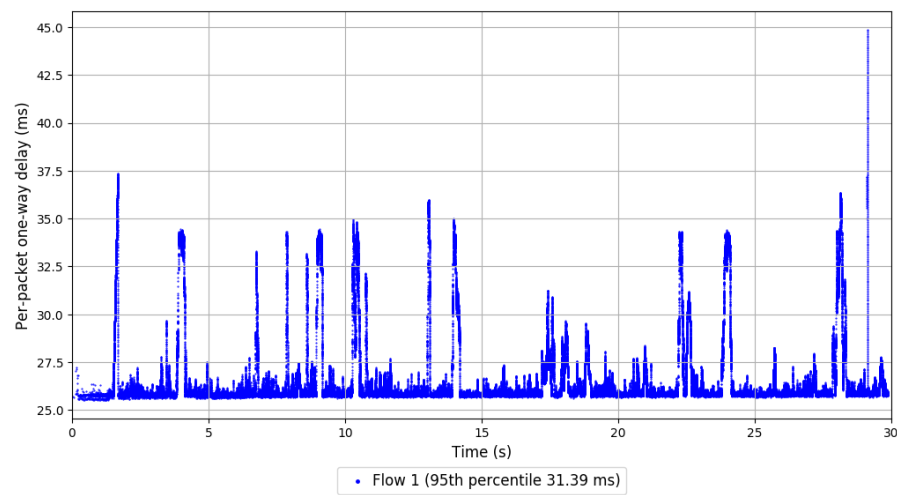
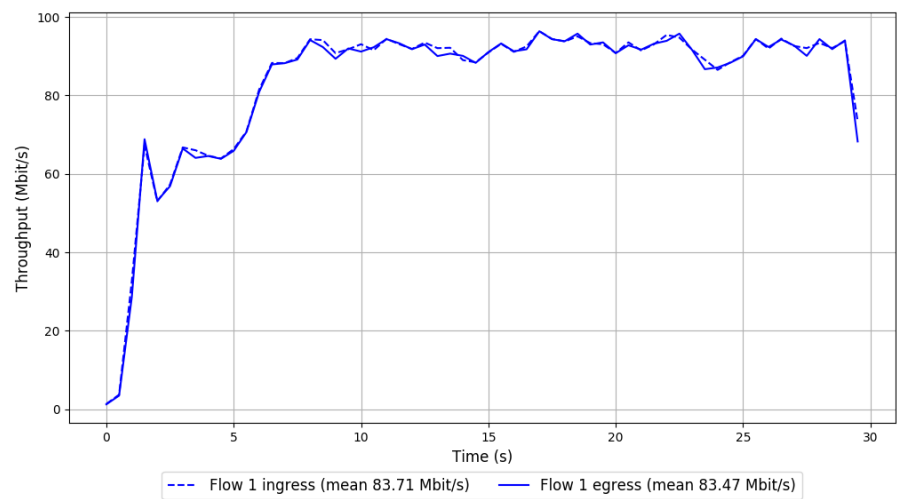


Run 4: Statistics of Vivace-latency

Start at: 2018-03-13 02:05:28
End at: 2018-03-13 02:05:58
Local clock offset: 1.13 ms
Remote clock offset: -0.646 ms

Below is generated by plot.py at 2018-03-13 09:29:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.47 Mbit/s
95th percentile per-packet one-way delay: 31.389 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 83.47 Mbit/s
95th percentile per-packet one-way delay: 31.389 ms
Loss rate: 0.47%

Run 4: Report of Vivace-latency — Data Link

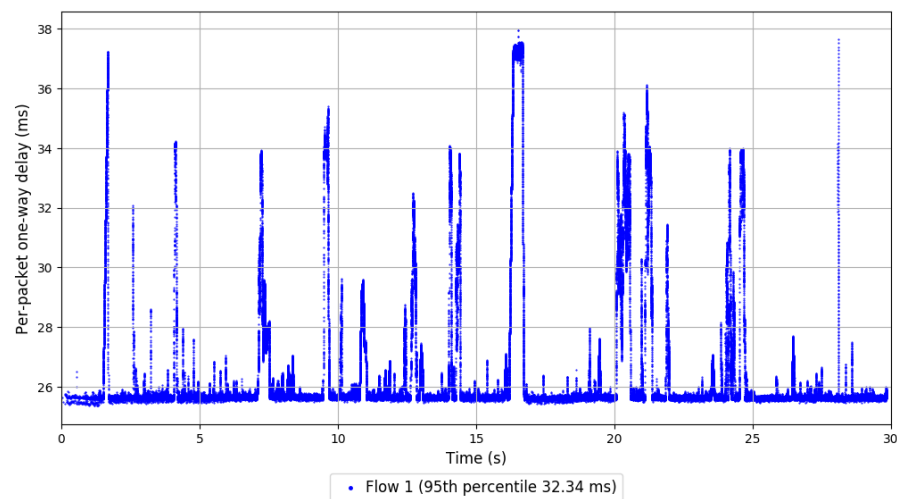
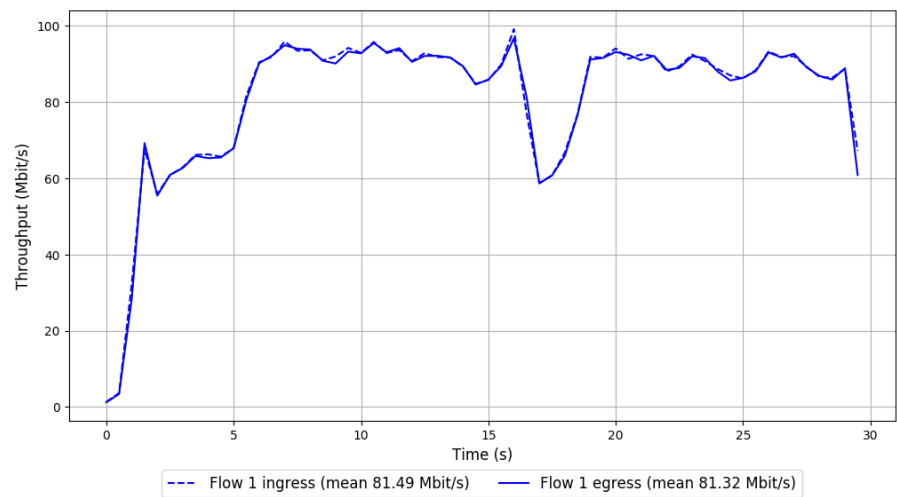


Run 5: Statistics of Vivace-latency

Start at: 2018-03-13 02:30:05
End at: 2018-03-13 02:30:35
Local clock offset: 0.954 ms
Remote clock offset: -2.942 ms

Below is generated by plot.py at 2018-03-13 09:29:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 81.32 Mbit/s
95th percentile per-packet one-way delay: 32.337 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 81.32 Mbit/s
95th percentile per-packet one-way delay: 32.337 ms
Loss rate: 0.39%

Run 5: Report of Vivace-latency — Data Link

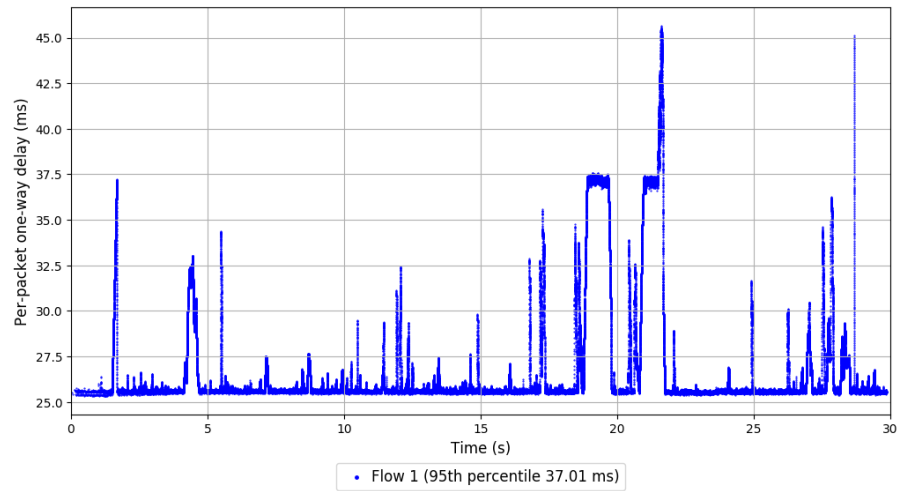
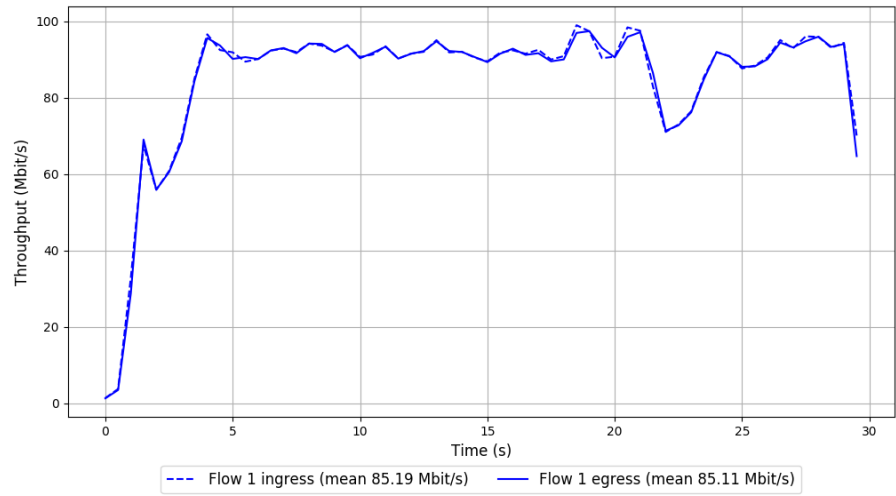


Run 6: Statistics of Vivace-latency

Start at: 2018-03-13 02:55:43
End at: 2018-03-13 02:56:13
Local clock offset: 1.062 ms
Remote clock offset: -4.521 ms

Below is generated by plot.py at 2018-03-13 09:29:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 85.11 Mbit/s
95th percentile per-packet one-way delay: 37.009 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 85.11 Mbit/s
95th percentile per-packet one-way delay: 37.009 ms
Loss rate: 0.28%

Run 6: Report of Vivace-latency — Data Link

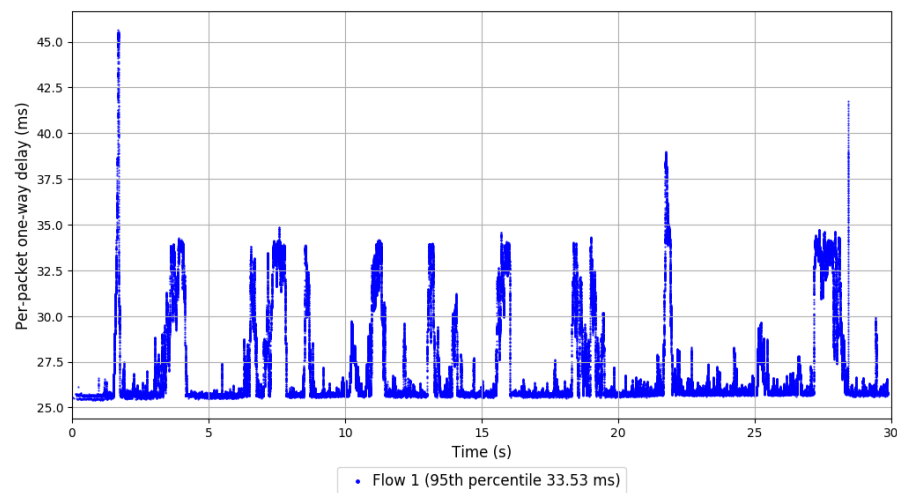
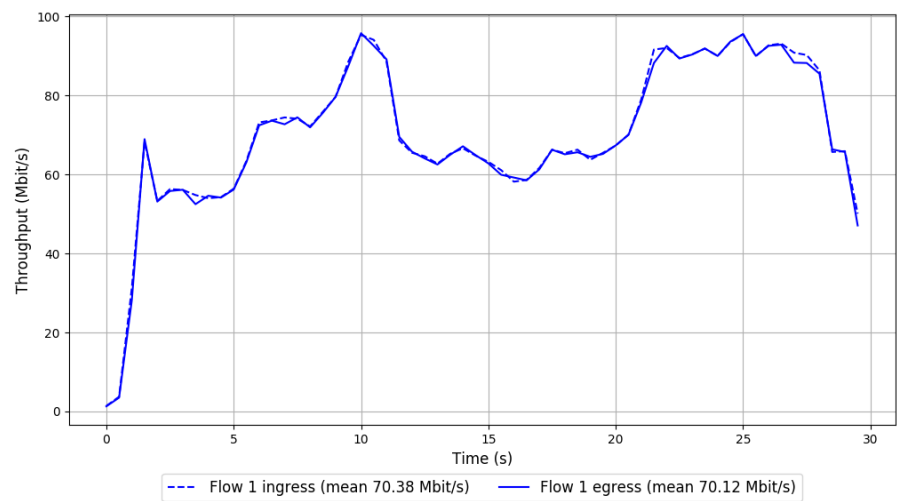


Run 7: Statistics of Vivace-latency

Start at: 2018-03-13 03:19:45
End at: 2018-03-13 03:20:15
Local clock offset: 1.041 ms
Remote clock offset: -6.371 ms

Below is generated by plot.py at 2018-03-13 09:29:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 70.12 Mbit/s
95th percentile per-packet one-way delay: 33.529 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 70.12 Mbit/s
95th percentile per-packet one-way delay: 33.529 ms
Loss rate: 0.54%

Run 7: Report of Vivace-latency — Data Link

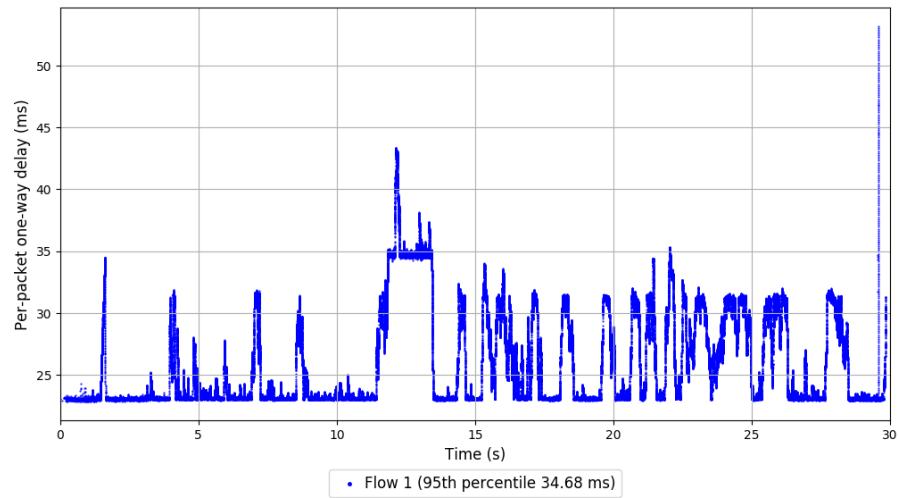
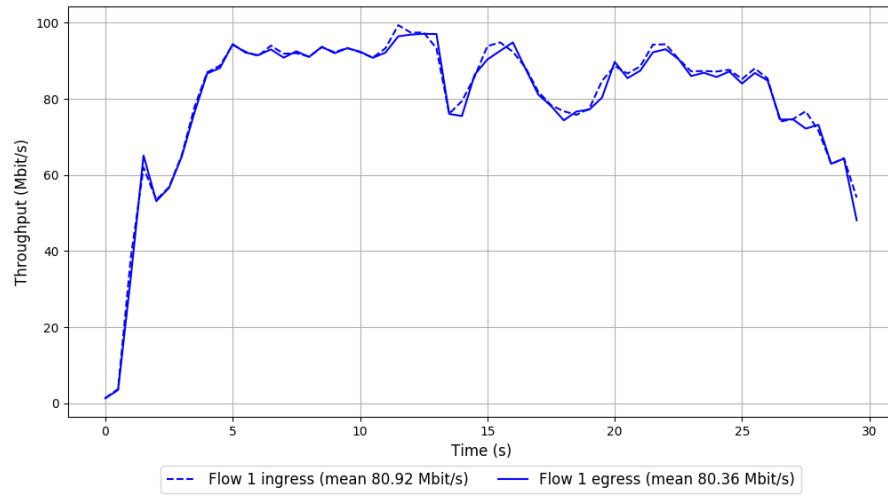


Run 8: Statistics of Vivace-latency

Start at: 2018-03-13 03:44:15
End at: 2018-03-13 03:44:45
Local clock offset: 1.265 ms
Remote clock offset: -2.253 ms

Below is generated by plot.py at 2018-03-13 09:29:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.36 Mbit/s
95th percentile per-packet one-way delay: 34.678 ms
Loss rate: 0.87%
-- Flow 1:
Average throughput: 80.36 Mbit/s
95th percentile per-packet one-way delay: 34.678 ms
Loss rate: 0.87%

Run 8: Report of Vivace-latency — Data Link

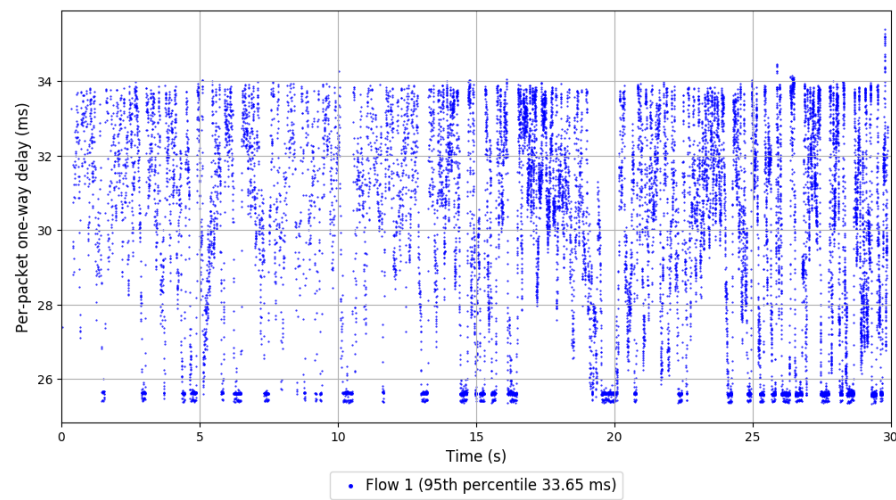
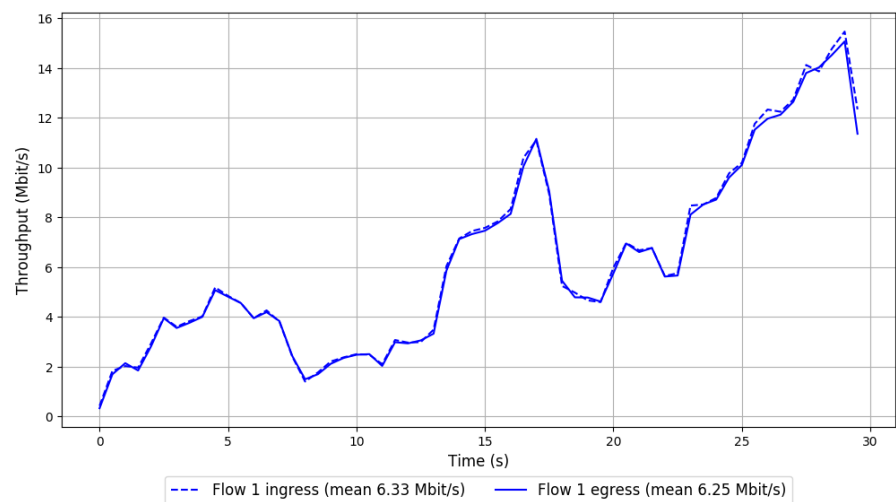


Run 9: Statistics of Vivace-latency

Start at: 2018-03-13 04:09:24
End at: 2018-03-13 04:09:54
Local clock offset: 1.275 ms
Remote clock offset: -8.201 ms

Below is generated by plot.py at 2018-03-13 09:29:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 6.25 Mbit/s
95th percentile per-packet one-way delay: 33.646 ms
Loss rate: 1.45%
-- Flow 1:
Average throughput: 6.25 Mbit/s
95th percentile per-packet one-way delay: 33.646 ms
Loss rate: 1.45%

Run 9: Report of Vivace-latency — Data Link

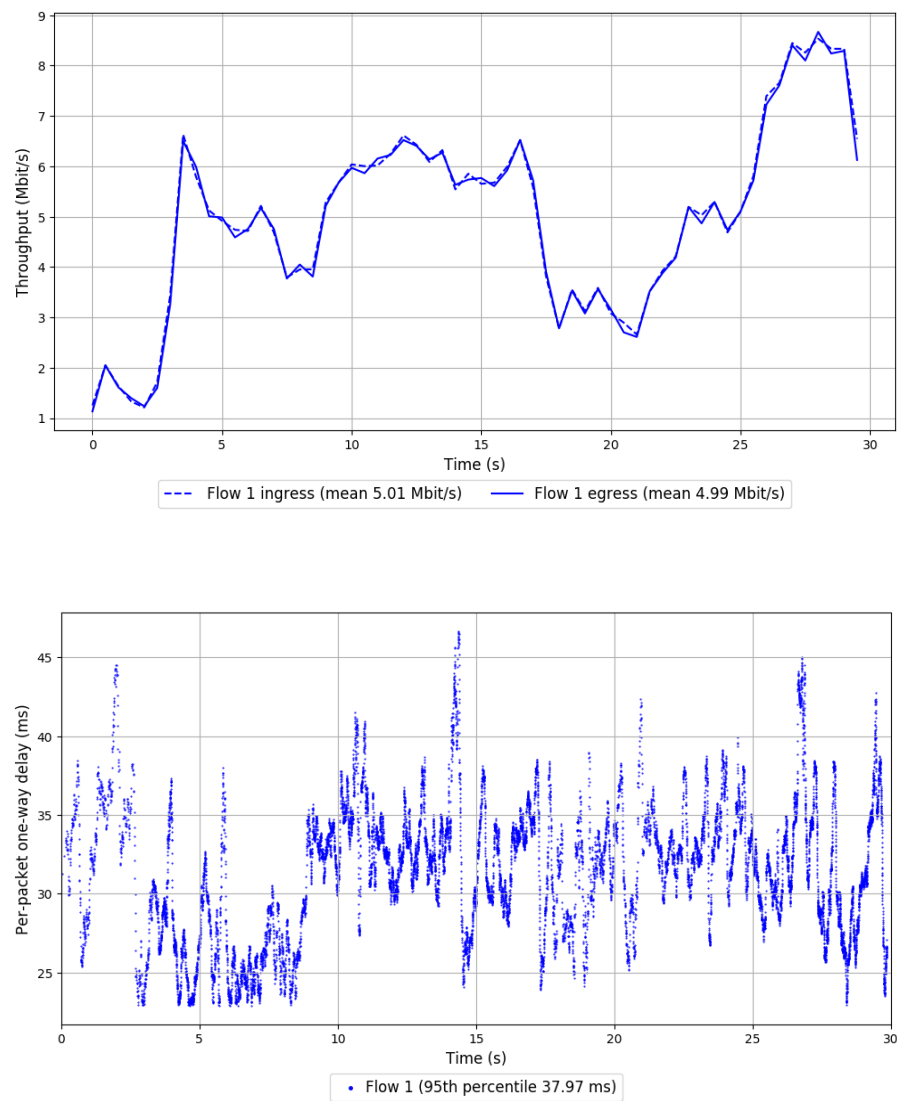


Run 10: Statistics of Vivace-latency

Start at: 2018-03-13 04:36:10
End at: 2018-03-13 04:36:40
Local clock offset: 1.319 ms
Remote clock offset: -4.709 ms

Below is generated by plot.py at 2018-03-13 09:29:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.99 Mbit/s
95th percentile per-packet one-way delay: 37.971 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 4.99 Mbit/s
95th percentile per-packet one-way delay: 37.971 ms
Loss rate: 0.65%

Run 10: Report of Vivace-latency — Data Link

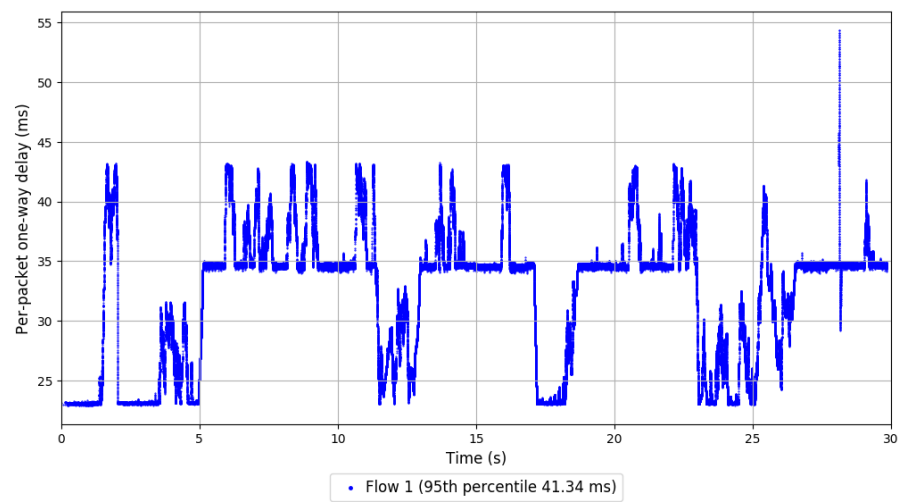
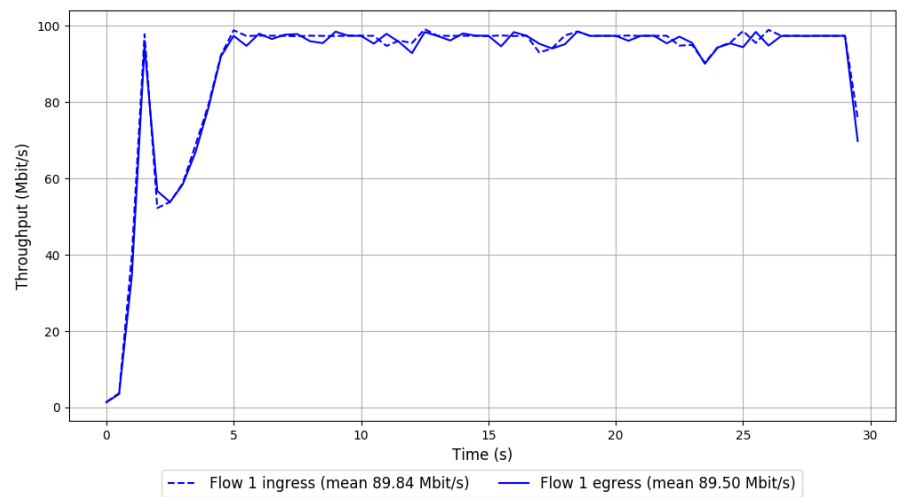


```
Run 1: Statistics of Vivace-loss

Start at: 2018-03-13 01:04:08
End at: 2018-03-13 01:04:38
Local clock offset: 1.4 ms
Remote clock offset: -0.617 ms

# Below is generated by plot.py at 2018-03-13 09:30:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.50 Mbit/s
95th percentile per-packet one-way delay: 41.343 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 89.50 Mbit/s
95th percentile per-packet one-way delay: 41.343 ms
Loss rate: 0.58%
```

Run 1: Report of Vivace-loss — Data Link

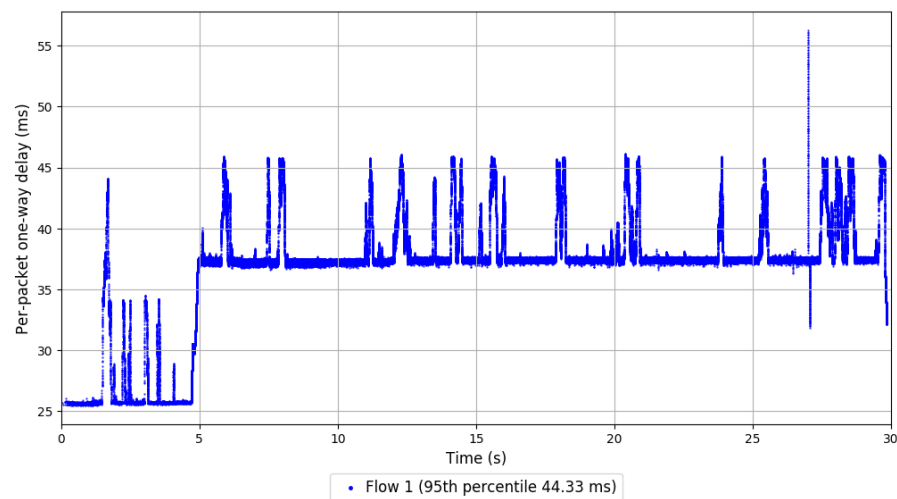
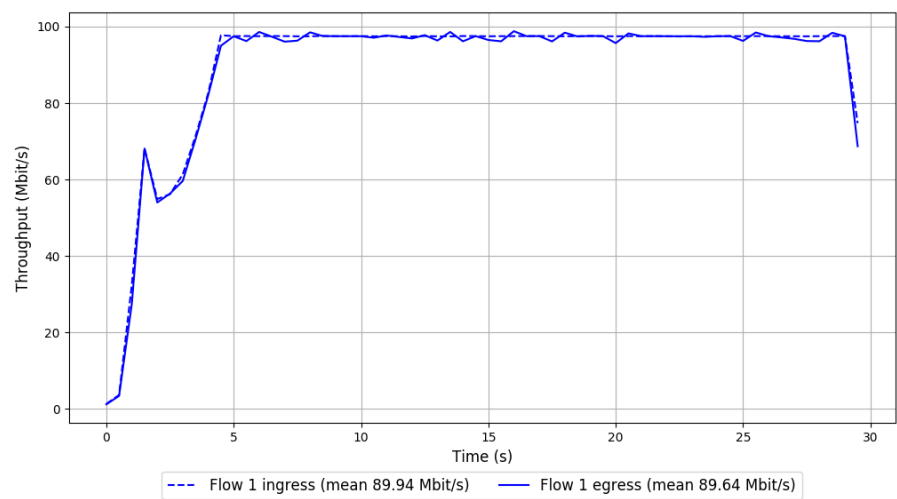


Run 2: Statistics of Vivace-loss

Start at: 2018-03-13 01:28:51
End at: 2018-03-13 01:29:21
Local clock offset: 1.899 ms
Remote clock offset: -2.612 ms

Below is generated by plot.py at 2018-03-13 09:30:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.64 Mbit/s
95th percentile per-packet one-way delay: 44.325 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 89.64 Mbit/s
95th percentile per-packet one-way delay: 44.325 ms
Loss rate: 0.52%

Run 2: Report of Vivace-loss — Data Link



Run 3: Statistics of Vivace-loss

Start at: 2018-03-13 01:53:28

End at: 2018-03-13 01:53:58

Local clock offset: 1.24 ms

Remote clock offset: 0.928 ms

Below is generated by plot.py at 2018-03-13 09:30:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.28 Mbit/s

95th percentile per-packet one-way delay: 41.011 ms

Loss rate: 0.53%

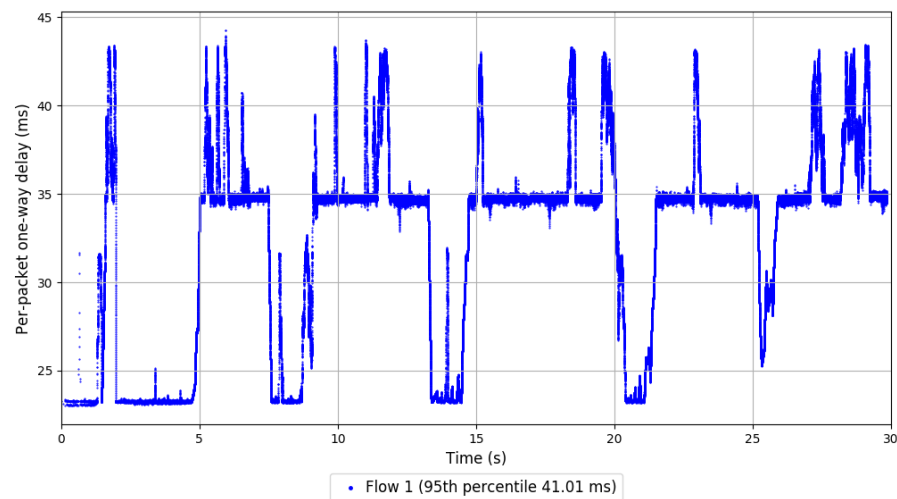
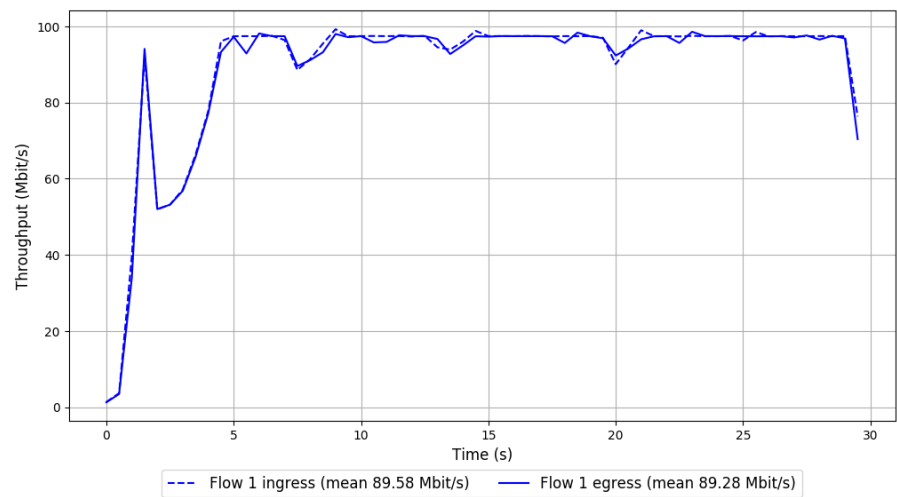
-- Flow 1:

Average throughput: 89.28 Mbit/s

95th percentile per-packet one-way delay: 41.011 ms

Loss rate: 0.53%

Run 3: Report of Vivace-loss — Data Link



Run 4: Statistics of Vivace-loss

Start at: 2018-03-13 02:17:59

End at: 2018-03-13 02:18:29

Local clock offset: 0.918 ms

Remote clock offset: -1.701 ms

Below is generated by plot.py at 2018-03-13 09:30:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.39 Mbit/s

95th percentile per-packet one-way delay: 43.408 ms

Loss rate: 0.54%

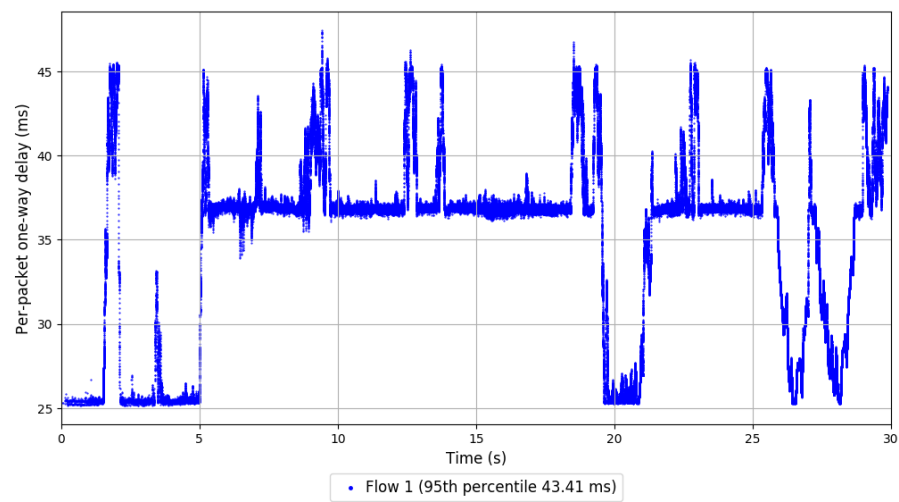
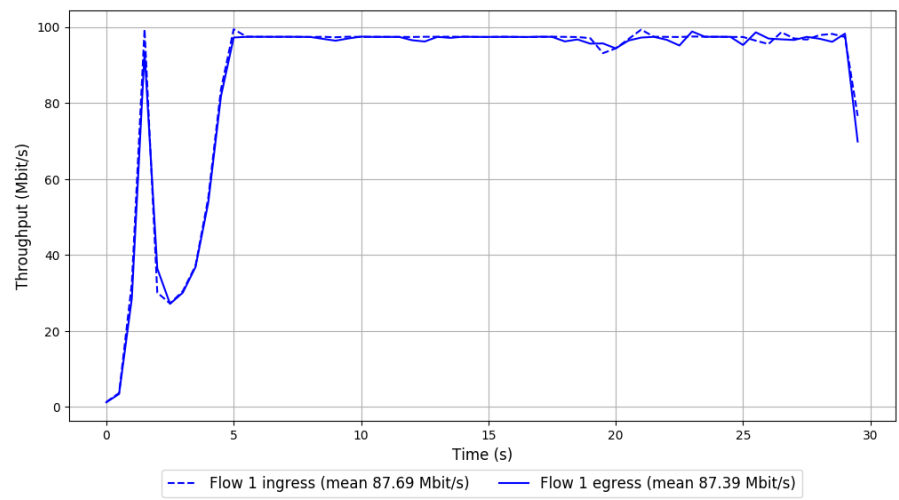
-- Flow 1:

Average throughput: 87.39 Mbit/s

95th percentile per-packet one-way delay: 43.408 ms

Loss rate: 0.54%

Run 4: Report of Vivace-loss — Data Link



Run 5: Statistics of Vivace-loss

Start at: 2018-03-13 02:42:07

End at: 2018-03-13 02:42:37

Local clock offset: 0.943 ms

Remote clock offset: -3.237 ms

Below is generated by plot.py at 2018-03-13 09:30:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 8.80 Mbit/s

95th percentile per-packet one-way delay: 25.727 ms

Loss rate: 0.44%

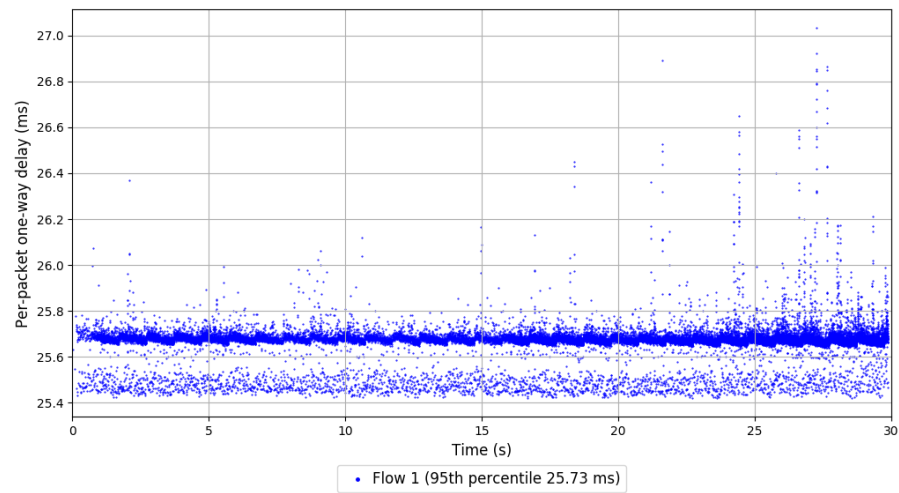
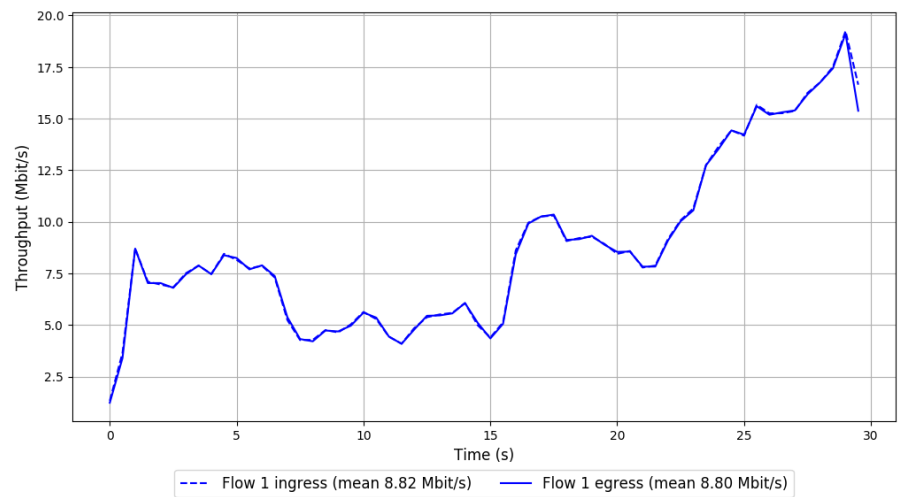
-- Flow 1:

Average throughput: 8.80 Mbit/s

95th percentile per-packet one-way delay: 25.727 ms

Loss rate: 0.44%

Run 5: Report of Vivace-loss — Data Link



Run 6: Statistics of Vivace-loss

Start at: 2018-03-13 03:07:43

End at: 2018-03-13 03:08:13

Local clock offset: 1.115 ms

Remote clock offset: -5.504 ms

Below is generated by plot.py at 2018-03-13 09:30:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.96 Mbit/s

95th percentile per-packet one-way delay: 37.498 ms

Loss rate: 0.30%

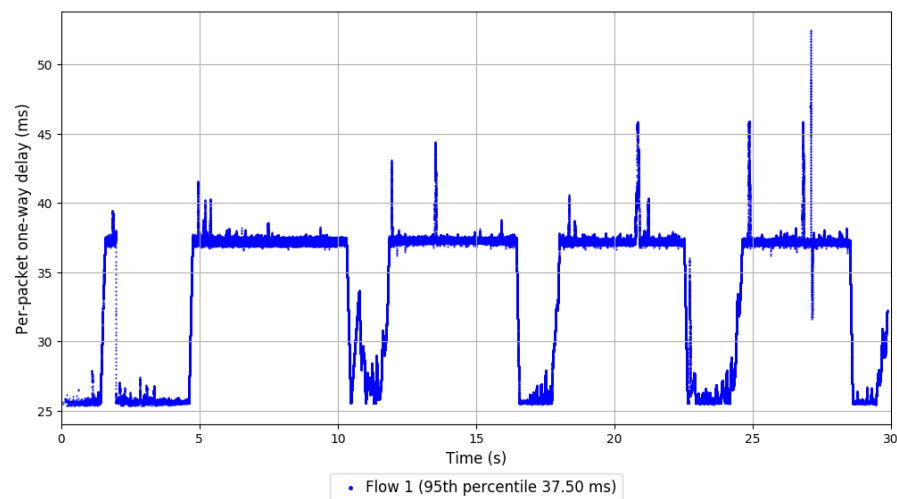
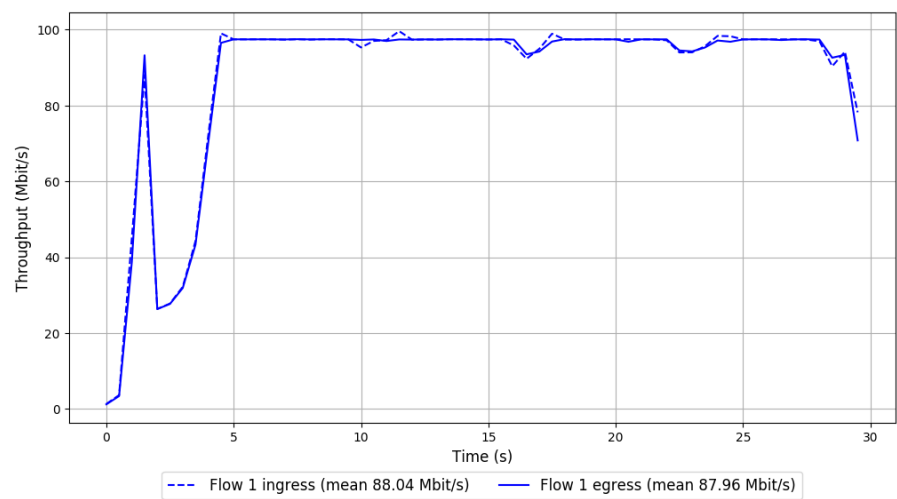
-- Flow 1:

Average throughput: 87.96 Mbit/s

95th percentile per-packet one-way delay: 37.498 ms

Loss rate: 0.30%

Run 6: Report of Vivace-loss — Data Link



Run 7: Statistics of Vivace-loss

Start at: 2018-03-13 03:31:58

End at: 2018-03-13 03:32:28

Local clock offset: 1.17 ms

Remote clock offset: -2.21 ms

Below is generated by plot.py at 2018-03-13 09:30:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.41 Mbit/s

95th percentile per-packet one-way delay: 41.754 ms

Loss rate: 0.66%

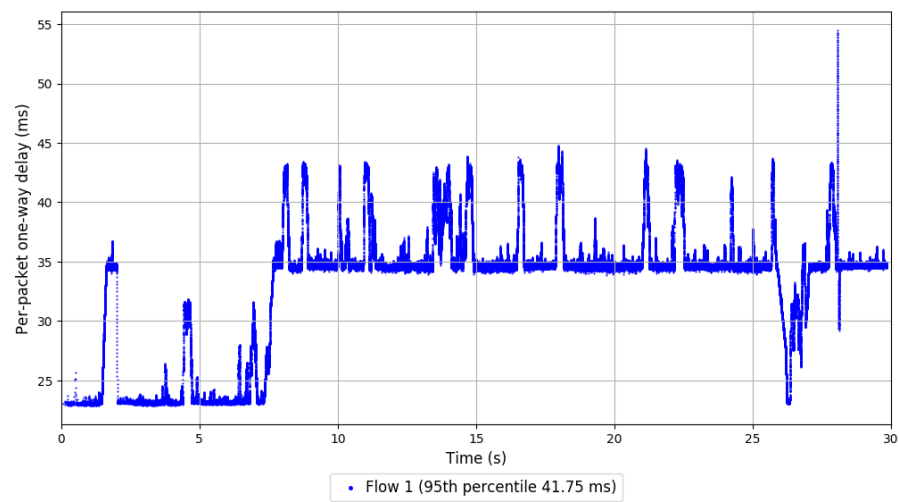
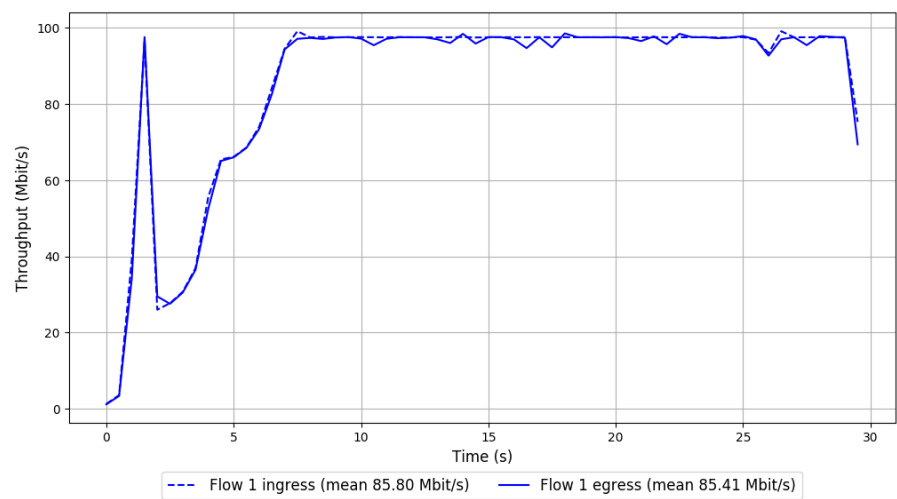
-- Flow 1:

Average throughput: 85.41 Mbit/s

95th percentile per-packet one-way delay: 41.754 ms

Loss rate: 0.66%

Run 7: Report of Vivace-loss — Data Link



Run 8: Statistics of Vivace-loss

Start at: 2018-03-13 03:56:33

End at: 2018-03-13 03:57:03

Local clock offset: 1.172 ms

Remote clock offset: -6.019 ms

Below is generated by plot.py at 2018-03-13 09:30:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.00 Mbit/s

95th percentile per-packet one-way delay: 45.172 ms

Loss rate: 1.20%

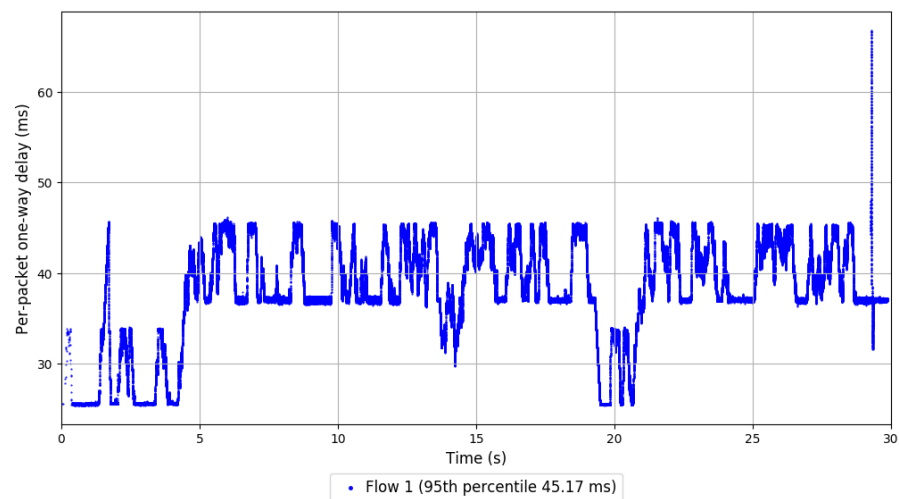
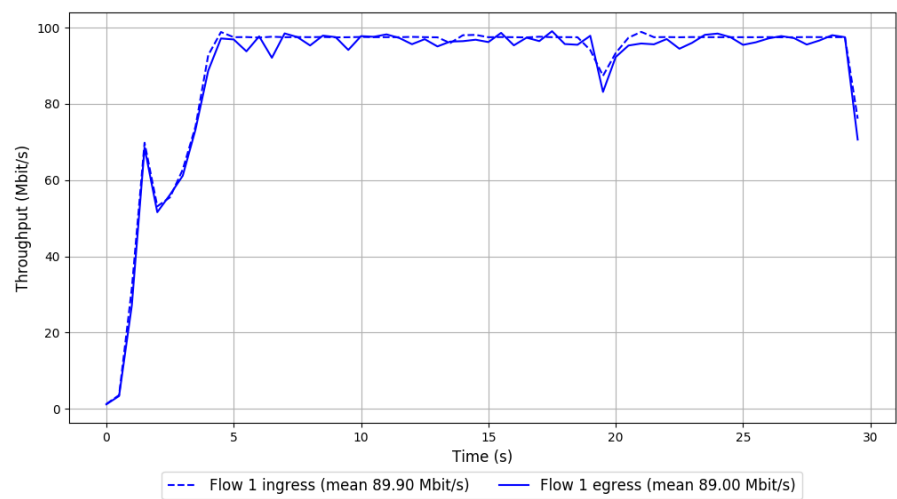
-- Flow 1:

Average throughput: 89.00 Mbit/s

95th percentile per-packet one-way delay: 45.172 ms

Loss rate: 1.20%

Run 8: Report of Vivace-loss — Data Link



Run 9: Statistics of Vivace-loss

Start at: 2018-03-13 04:22:35

End at: 2018-03-13 04:23:05

Local clock offset: 1.247 ms

Remote clock offset: -8.724 ms

Below is generated by plot.py at 2018-03-13 09:30:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 74.34 Mbit/s

95th percentile per-packet one-way delay: 55.437 ms

Loss rate: 1.34%

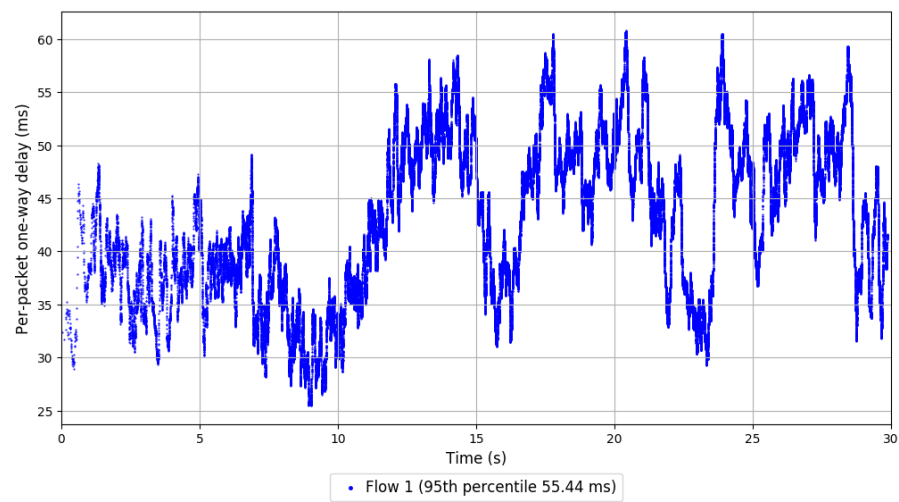
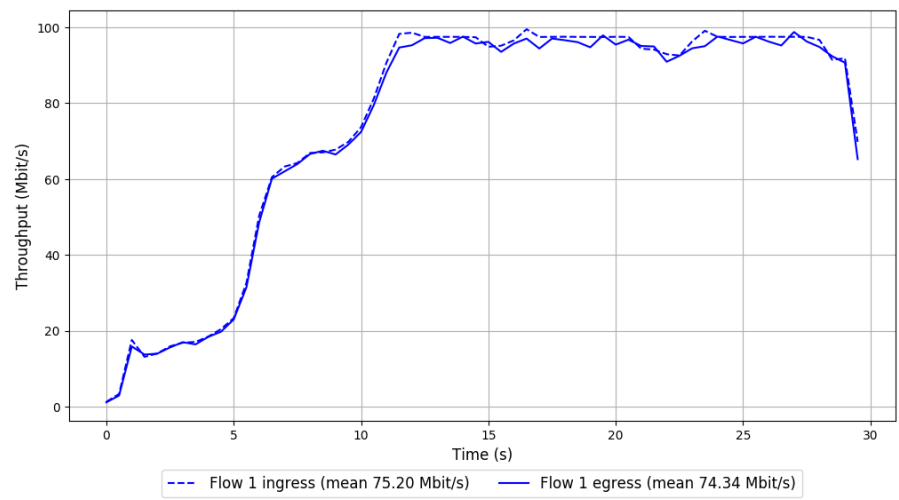
-- Flow 1:

Average throughput: 74.34 Mbit/s

95th percentile per-packet one-way delay: 55.437 ms

Loss rate: 1.34%

Run 9: Report of Vivace-loss — Data Link

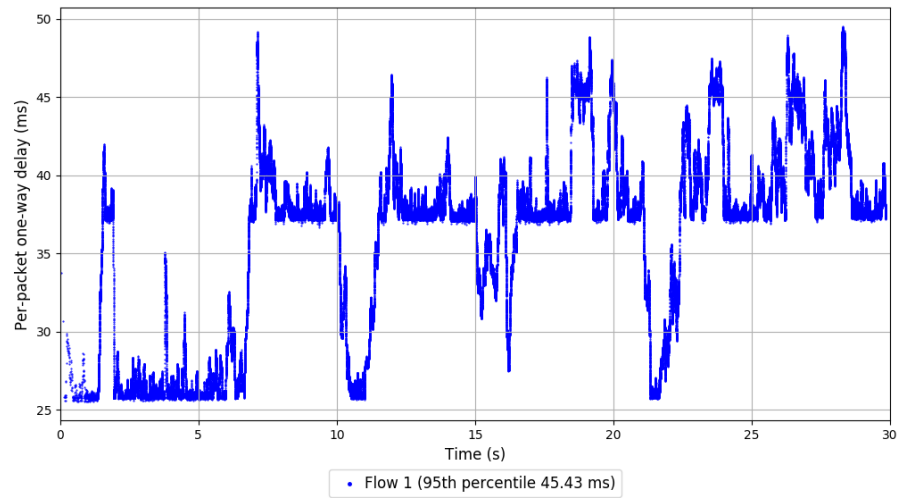
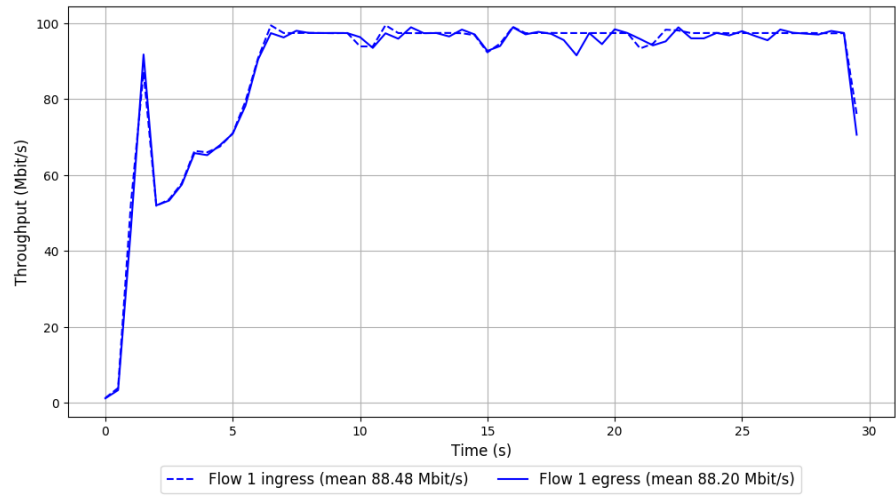


Run 10: Statistics of Vivace-loss

Start at: 2018-03-13 04:48:27
End at: 2018-03-13 04:48:57
Local clock offset: 1.369 ms
Remote clock offset: -6.566 ms

Below is generated by plot.py at 2018-03-13 09:31:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.20 Mbit/s
95th percentile per-packet one-way delay: 45.431 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 88.20 Mbit/s
95th percentile per-packet one-way delay: 45.431 ms
Loss rate: 0.54%

Run 10: Report of Vivace-loss — Data Link

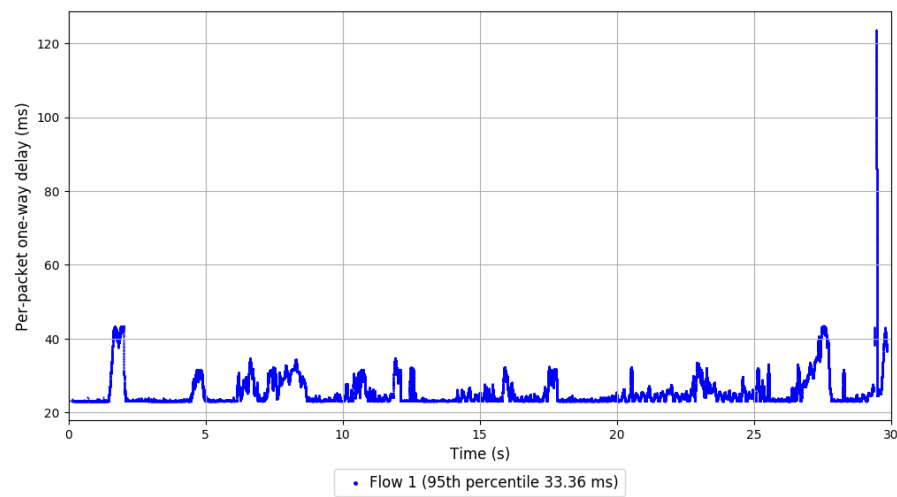
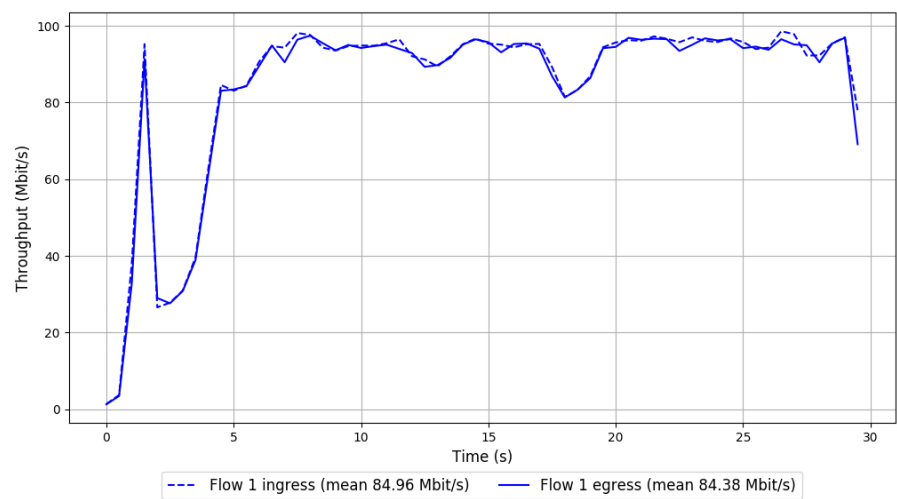


Run 1: Statistics of Vivace-LTE

Start at: 2018-03-13 01:12:19
End at: 2018-03-13 01:12:49
Local clock offset: 1.791 ms
Remote clock offset: -0.937 ms

Below is generated by plot.py at 2018-03-13 09:31:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 84.38 Mbit/s
95th percentile per-packet one-way delay: 33.358 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 84.38 Mbit/s
95th percentile per-packet one-way delay: 33.358 ms
Loss rate: 0.88%

Run 1: Report of Vivace-LTE — Data Link

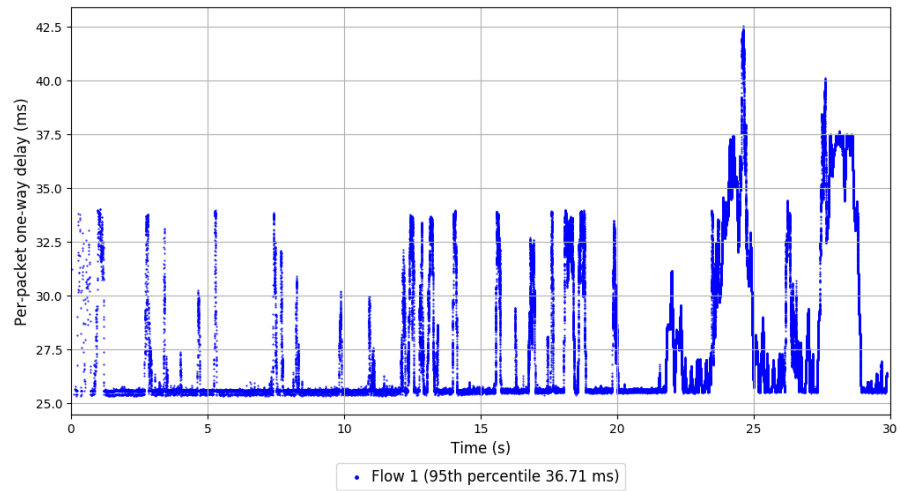
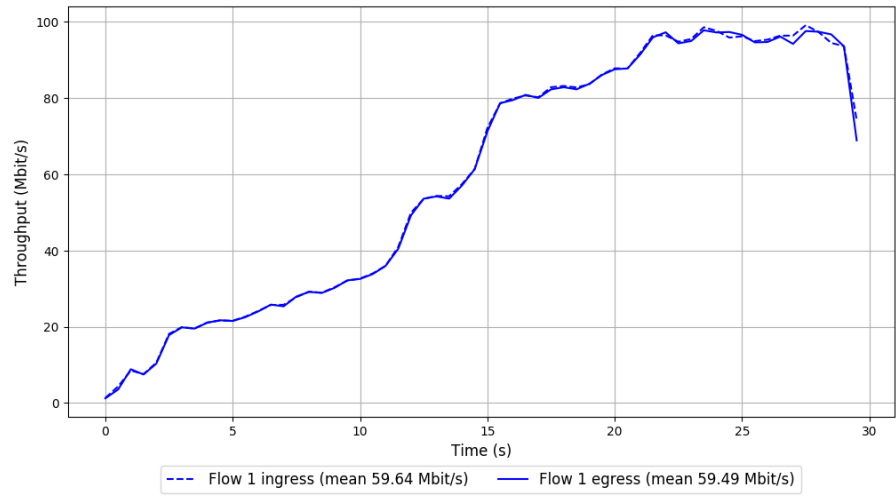


Run 2: Statistics of Vivace-LTE

Start at: 2018-03-13 01:36:59
End at: 2018-03-13 01:37:29
Local clock offset: 1.806 ms
Remote clock offset: -1.511 ms

Below is generated by plot.py at 2018-03-13 09:31:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 59.49 Mbit/s
95th percentile per-packet one-way delay: 36.714 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 59.49 Mbit/s
95th percentile per-packet one-way delay: 36.714 ms
Loss rate: 0.44%

Run 2: Report of Vivace-LTE — Data Link



Run 3: Statistics of Vivace-LTE

Start at: 2018-03-13 02:01:26

End at: 2018-03-13 02:01:56

Local clock offset: 1.059 ms

Remote clock offset: -1.017 ms

Below is generated by plot.py at 2018-03-13 09:32:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.12 Mbit/s

95th percentile per-packet one-way delay: 37.248 ms

Loss rate: 0.31%

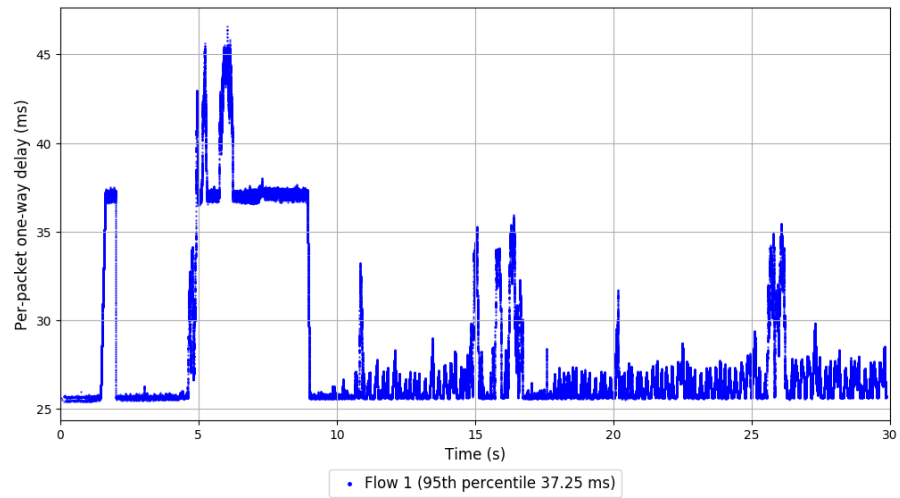
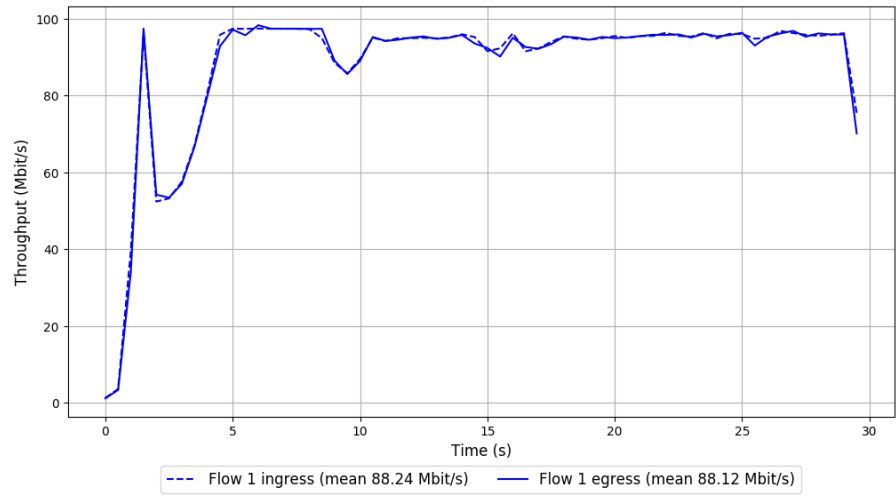
-- Flow 1:

Average throughput: 88.12 Mbit/s

95th percentile per-packet one-way delay: 37.248 ms

Loss rate: 0.31%

Run 3: Report of Vivace-LTE — Data Link

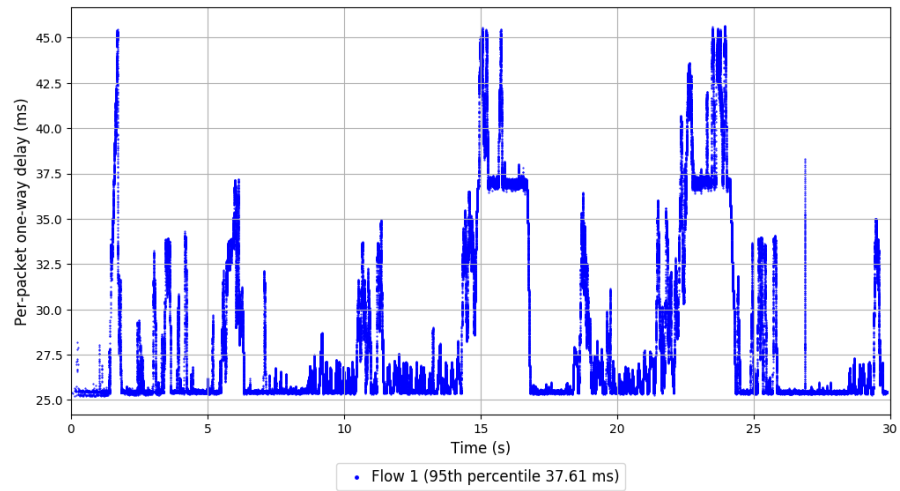
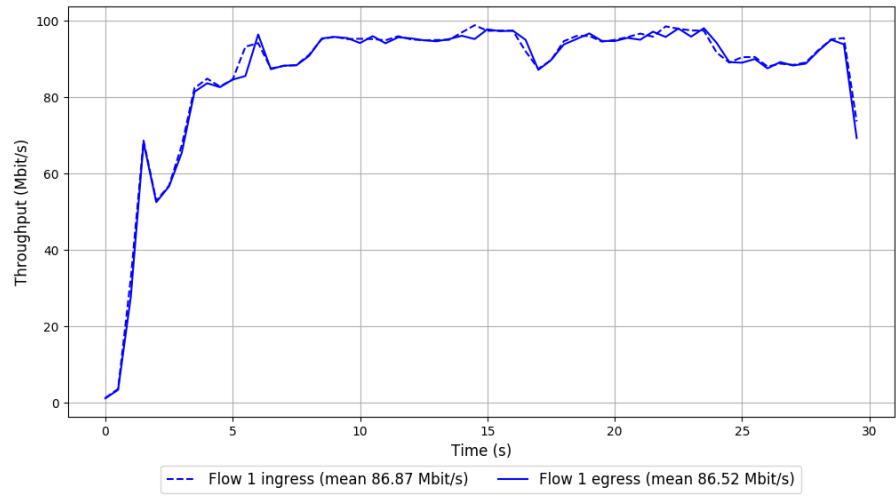


Run 4: Statistics of Vivace-LTE

Start at: 2018-03-13 02:26:00
End at: 2018-03-13 02:26:30
Local clock offset: 0.889 ms
Remote clock offset: -2.638 ms

Below is generated by plot.py at 2018-03-13 09:32:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.52 Mbit/s
95th percentile per-packet one-way delay: 37.607 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 86.52 Mbit/s
95th percentile per-packet one-way delay: 37.607 ms
Loss rate: 0.59%

Run 4: Report of Vivace-LTE — Data Link

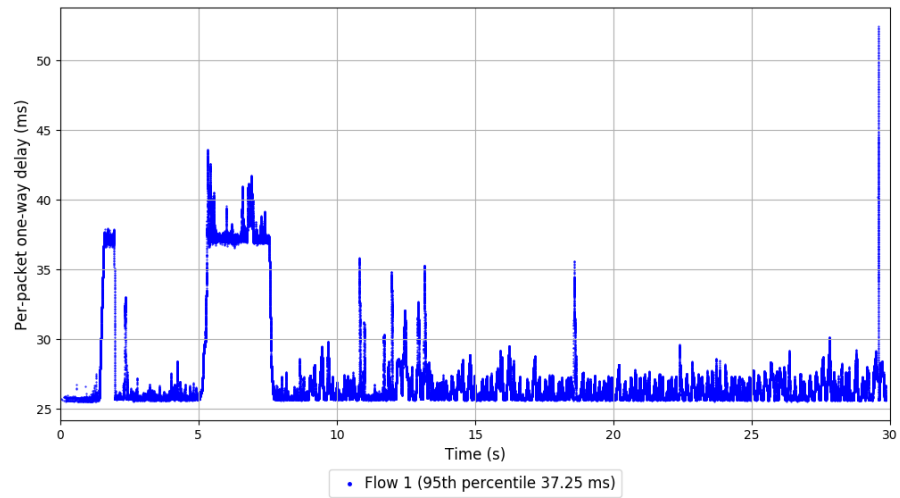
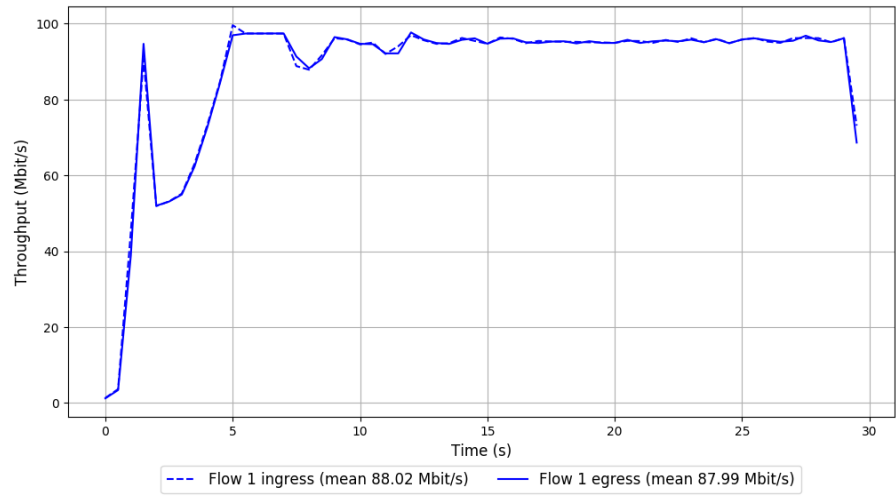


Run 5: Statistics of Vivace-LTE

Start at: 2018-03-13 02:51:41
End at: 2018-03-13 02:52:11
Local clock offset: 1.056 ms
Remote clock offset: -4.213 ms

Below is generated by plot.py at 2018-03-13 09:32:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.99 Mbit/s
95th percentile per-packet one-way delay: 37.251 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 87.99 Mbit/s
95th percentile per-packet one-way delay: 37.251 ms
Loss rate: 0.21%

Run 5: Report of Vivace-LTE — Data Link



Run 6: Statistics of Vivace-LTE

Start at: 2018-03-13 03:15:39

End at: 2018-03-13 03:16:09

Local clock offset: 1.129 ms

Remote clock offset: -3.506 ms

Below is generated by plot.py at 2018-03-13 09:32:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.79 Mbit/s

95th percentile per-packet one-way delay: 39.724 ms

Loss rate: 0.67%

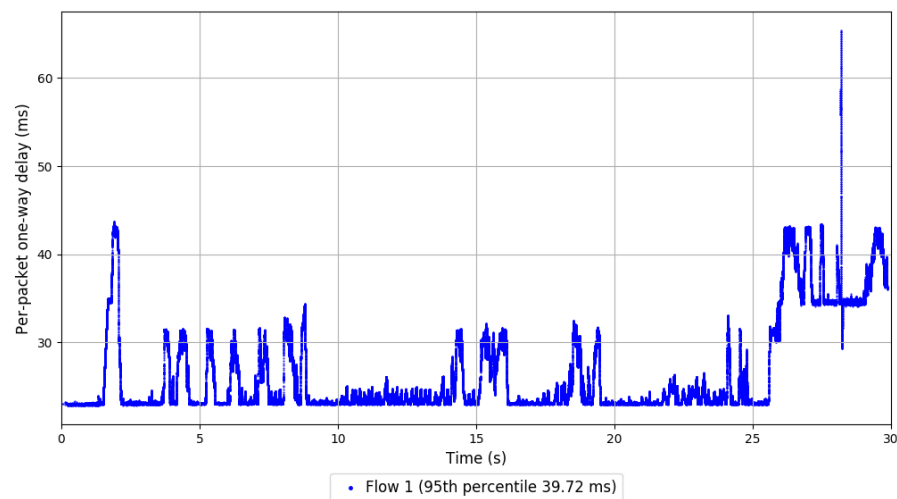
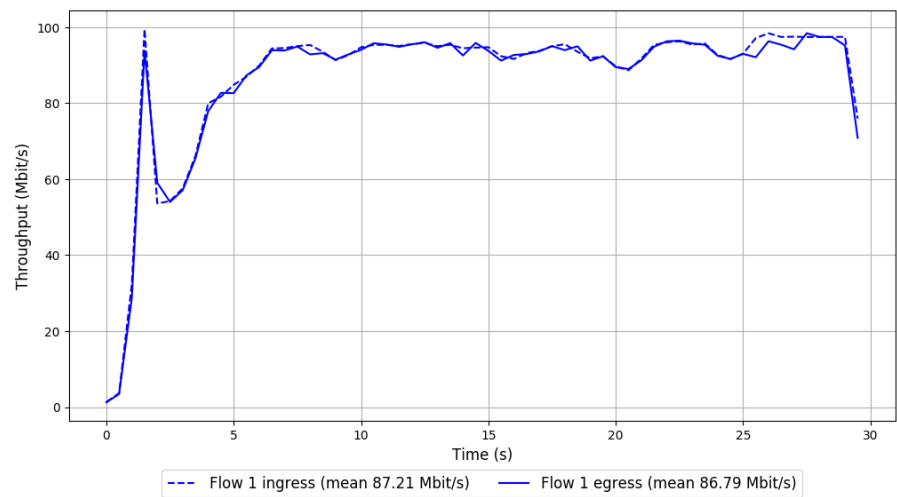
-- Flow 1:

Average throughput: 86.79 Mbit/s

95th percentile per-packet one-way delay: 39.724 ms

Loss rate: 0.67%

Run 6: Report of Vivace-LTE — Data Link

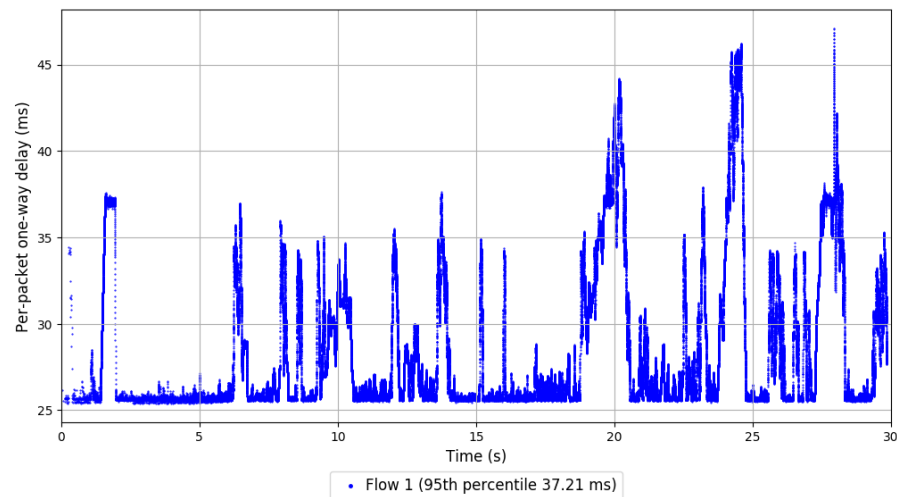
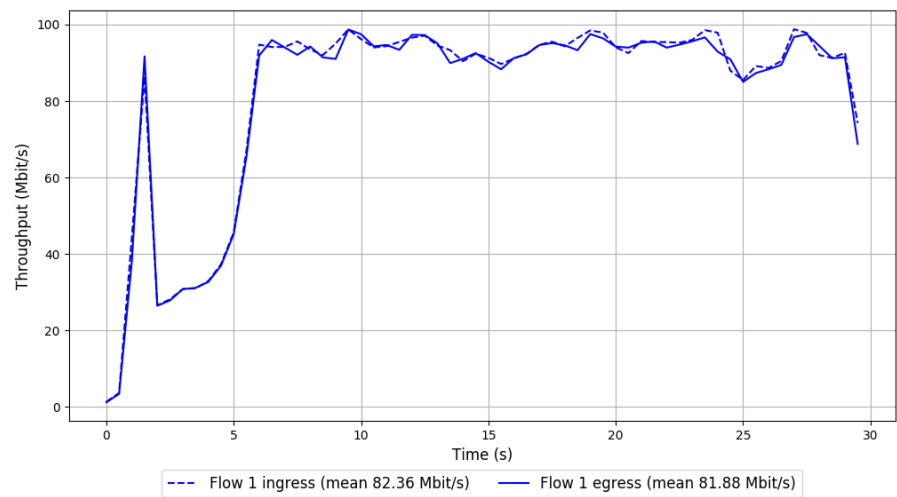


Run 7: Statistics of Vivace-LTE

Start at: 2018-03-13 03:40:05
End at: 2018-03-13 03:40:35
Local clock offset: 1.213 ms
Remote clock offset: -4.732 ms

Below is generated by plot.py at 2018-03-13 09:32:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 81.88 Mbit/s
95th percentile per-packet one-way delay: 37.209 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 81.88 Mbit/s
95th percentile per-packet one-way delay: 37.209 ms
Loss rate: 0.77%

Run 7: Report of Vivace-LTE — Data Link



Run 8: Statistics of Vivace-LTE

Start at: 2018-03-13 04:04:42

End at: 2018-03-13 04:05:12

Local clock offset: 1.173 ms

Remote clock offset: -5.071 ms

Below is generated by plot.py at 2018-03-13 09:32:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 74.19 Mbit/s

95th percentile per-packet one-way delay: 42.421 ms

Loss rate: 1.46%

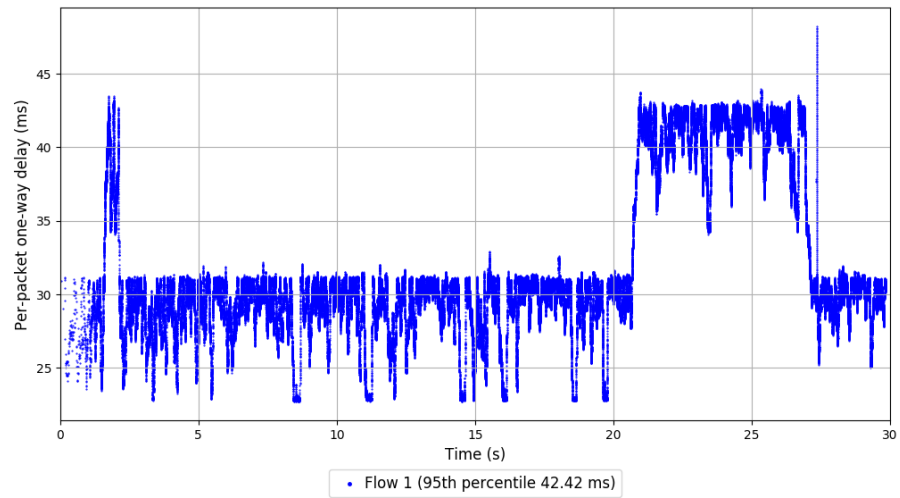
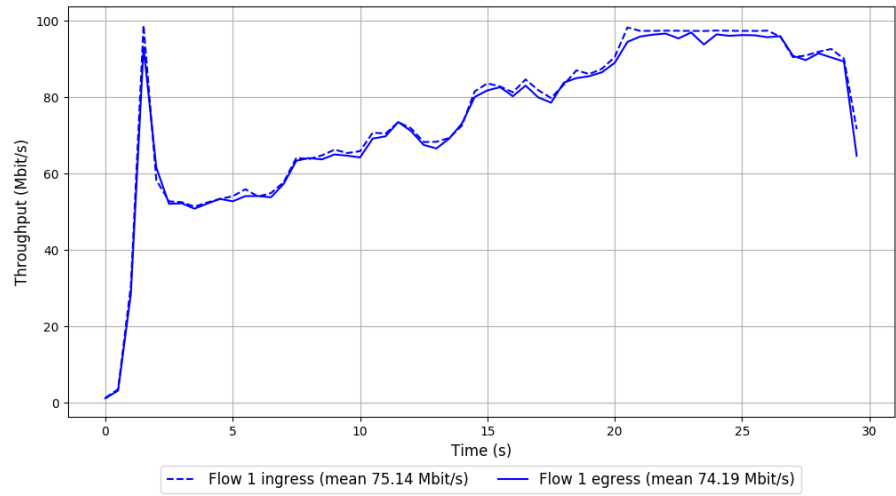
-- Flow 1:

Average throughput: 74.19 Mbit/s

95th percentile per-packet one-way delay: 42.421 ms

Loss rate: 1.46%

Run 8: Report of Vivace-LTE — Data Link

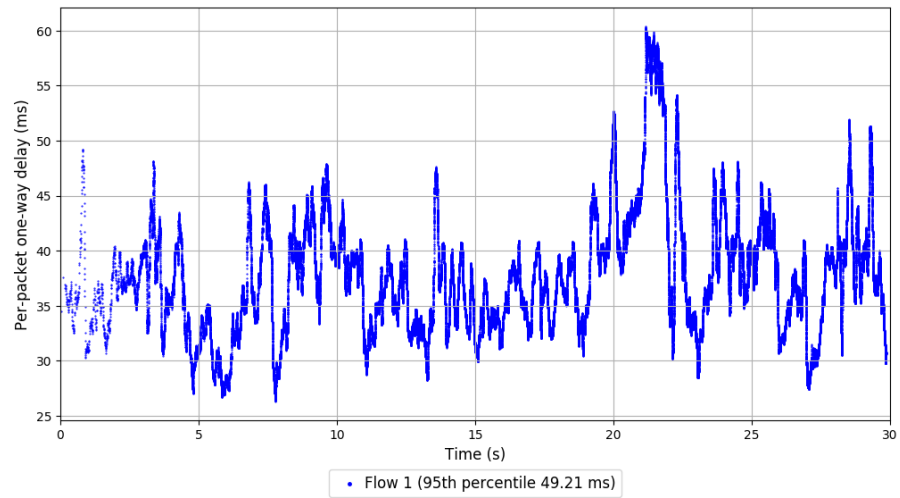
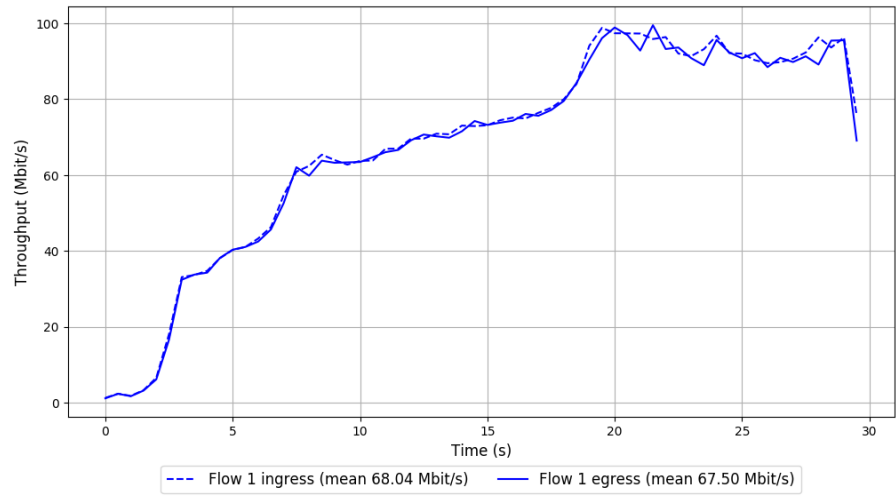


Run 9: Statistics of Vivace-LTE

Start at: 2018-03-13 04:31:56
End at: 2018-03-13 04:32:26
Local clock offset: 1.309 ms
Remote clock offset: -7.738 ms

Below is generated by plot.py at 2018-03-13 09:32:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 67.50 Mbit/s
95th percentile per-packet one-way delay: 49.207 ms
Loss rate: 1.00%
-- Flow 1:
Average throughput: 67.50 Mbit/s
95th percentile per-packet one-way delay: 49.207 ms
Loss rate: 1.00%

Run 9: Report of Vivace-LTE — Data Link



Run 10: Statistics of Vivace-LTE

Start at: 2018-03-13 04:56:32

End at: 2018-03-13 04:57:02

Local clock offset: 1.321 ms

Remote clock offset: -6.143 ms

Below is generated by plot.py at 2018-03-13 09:32:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.40 Mbit/s

95th percentile per-packet one-way delay: 37.174 ms

Loss rate: 0.24%

-- Flow 1:

Average throughput: 88.40 Mbit/s

95th percentile per-packet one-way delay: 37.174 ms

Loss rate: 0.24%

Run 10: Report of Vivace-LTE — Data Link

