

Pantheon Report

Generated at 2018-02-16 08:03:19 (UTC).

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

Repeated the test of 17 congestion control schemes 10 times.

Each test lasted for 30 seconds running 1 flow.

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

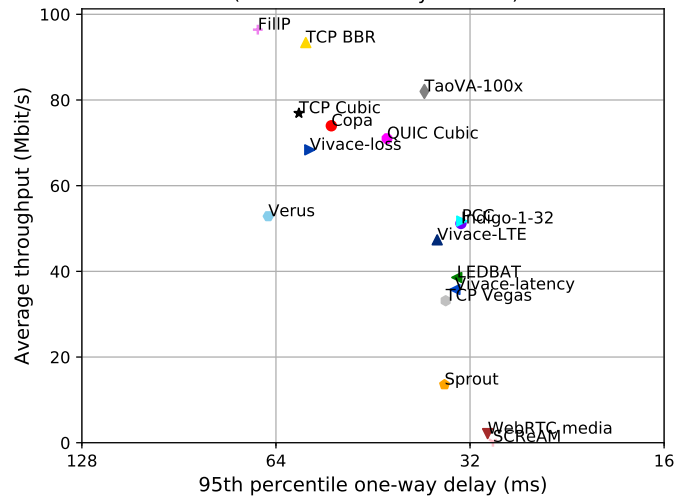
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

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

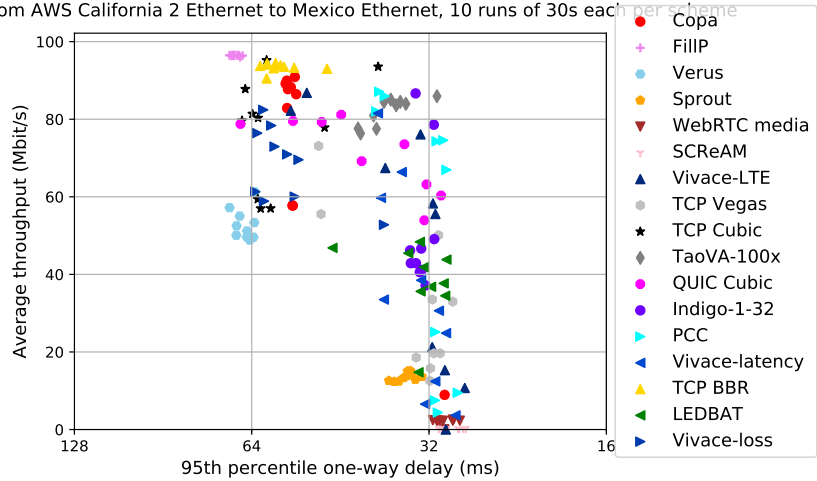
Git summary:

```
branch: master @ cccb2d77344969a7bac1df6edf6c0cfb6c77a6f8
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/fillp @ 828bbf95fd4941149b5cec90f281d1c69ae1a5c6
third_party/genericCC @ 8400b8926887fc4cf8c795a1d7ce2c8ac041ec72
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 @ f1a14bffe749737437f61b1eae30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/vivace @ 7a4ba531e75b4a6f66f5c4580192120401784ce3
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

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



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



scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	93.41	57.53	1.64
TCP Cubic	10	76.92	58.97	0.42
LEDBAT	10	38.57	33.56	0.10
PCC	10	51.73	32.95	0.48
QUIC Cubic	9	71.00	43.05	0.24
SCReAM	10	0.22	29.48	0.00
WebRTC media	10	2.12	30.05	0.04
Sprout	10	13.58	35.05	0.03
TaoVA-100x	10	82.00	37.67	0.09
TCP Vegas	10	33.14	34.91	0.17
Verus	10	52.87	65.78	35.30
Copa	10	73.98	52.51	79.92
FillP	10	96.42	68.28	22.95
Indigo-1-32	10	51.18	33.05	0.06
Vivace-latency	10	35.77	33.78	0.11
Vivace-loss	10	68.37	56.71	2.26
Vivace-LTE	10	47.37	35.98	0.18

Run 1: Statistics of TCP BBR

Start at: 2018-02-16 02:37:38

End at: 2018-02-16 02:38:08

Local clock offset: 1.173 ms

Remote clock offset: -5.892 ms

Below is generated by plot.py at 2018-02-16 07:38:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.08 Mbit/s

95th percentile per-packet one-way delay: 60.236 ms

Loss rate: 1.79%

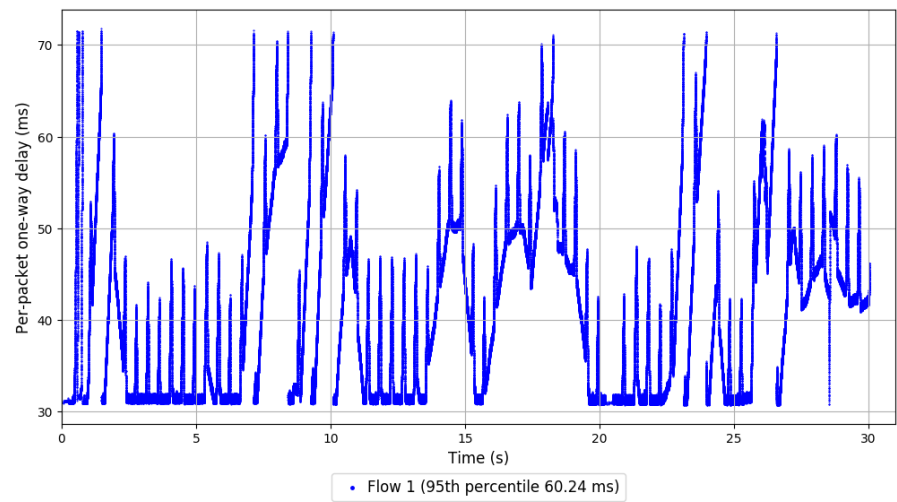
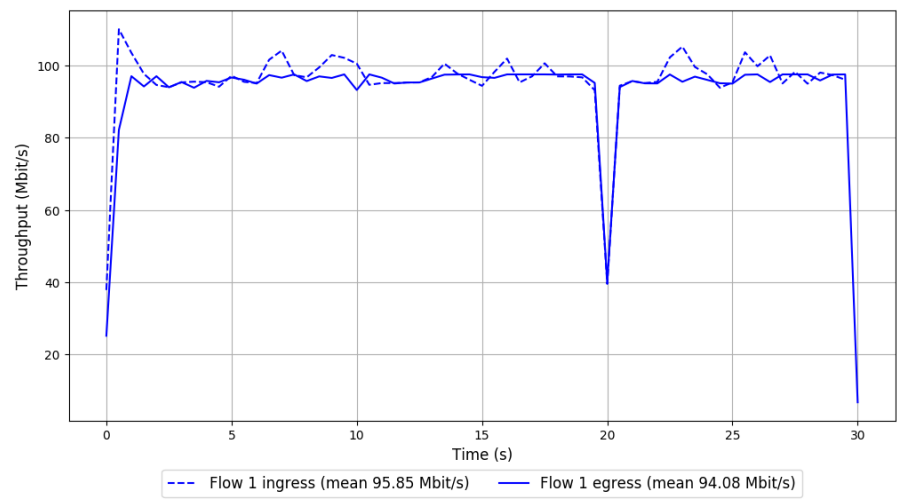
-- Flow 1:

Average throughput: 94.08 Mbit/s

95th percentile per-packet one-way delay: 60.236 ms

Loss rate: 1.79%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2018-02-16 03:07:20

End at: 2018-02-16 03:07:50

Local clock offset: 0.878 ms

Remote clock offset: -0.778 ms

Below is generated by plot.py at 2018-02-16 07:38:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.15 Mbit/s

95th percentile per-packet one-way delay: 58.717 ms

Loss rate: 1.47%

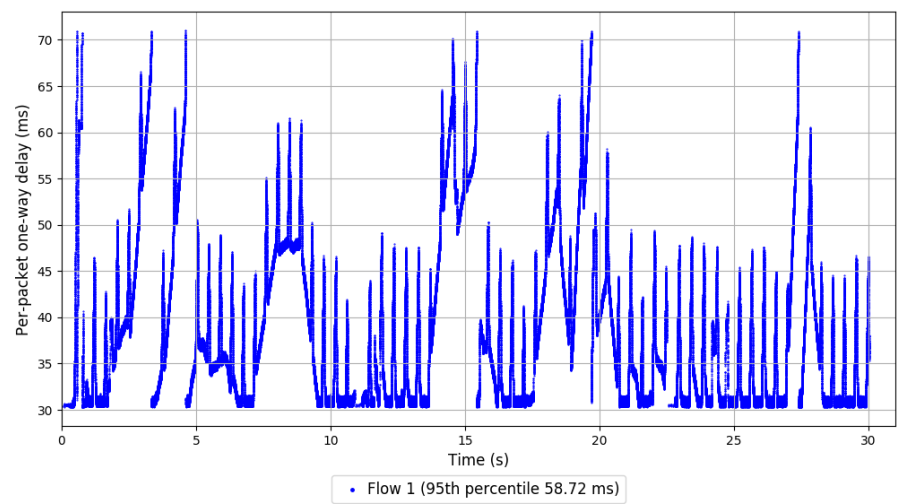
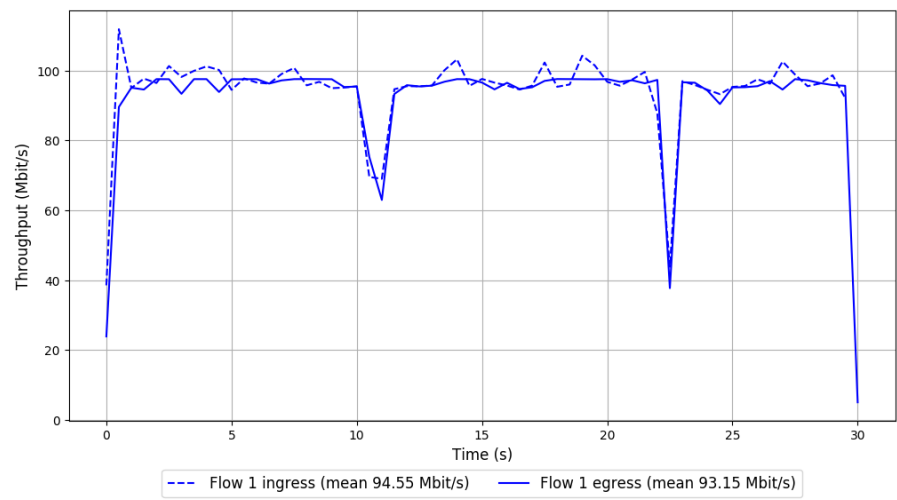
-- Flow 1:

Average throughput: 93.15 Mbit/s

95th percentile per-packet one-way delay: 58.717 ms

Loss rate: 1.47%

Run 2: Report of TCP BBR — Data Link

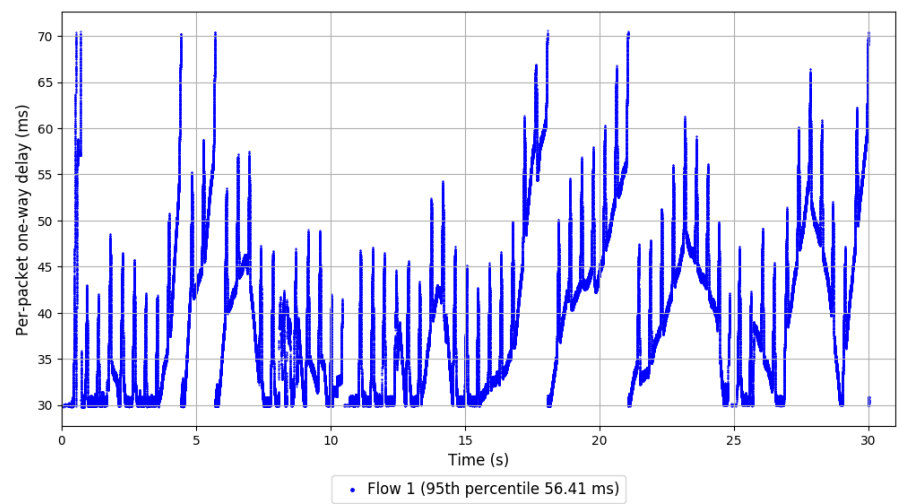
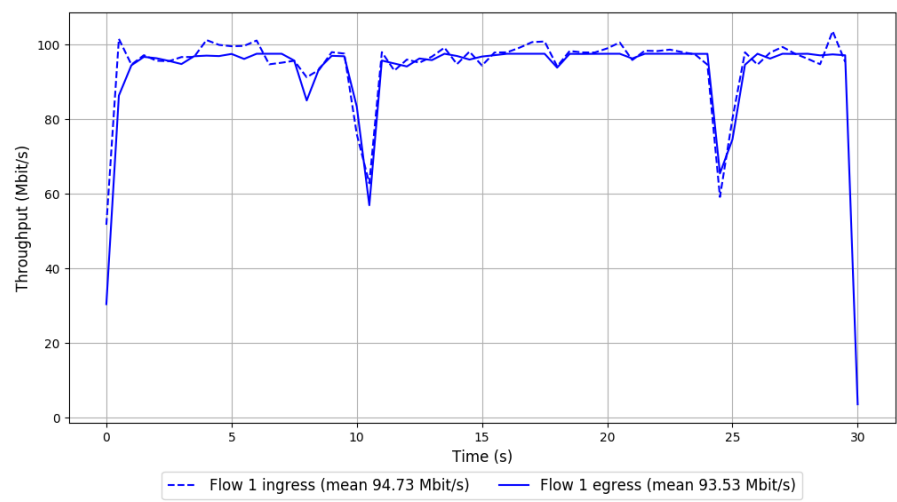


Run 3: Statistics of TCP BBR

Start at: 2018-02-16 03:37:28
End at: 2018-02-16 03:37:58
Local clock offset: 0.735 ms
Remote clock offset: -11.576 ms

Below is generated by plot.py at 2018-02-16 07:38:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.53 Mbit/s
95th percentile per-packet one-way delay: 56.415 ms
Loss rate: 1.26%
-- Flow 1:
Average throughput: 93.53 Mbit/s
95th percentile per-packet one-way delay: 56.415 ms
Loss rate: 1.26%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2018-02-16 04:09:15

End at: 2018-02-16 04:09:45

Local clock offset: 0.704 ms

Remote clock offset: -1.873 ms

Below is generated by plot.py at 2018-02-16 07:38:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.50 Mbit/s

95th percentile per-packet one-way delay: 60.376 ms

Loss rate: 1.85%

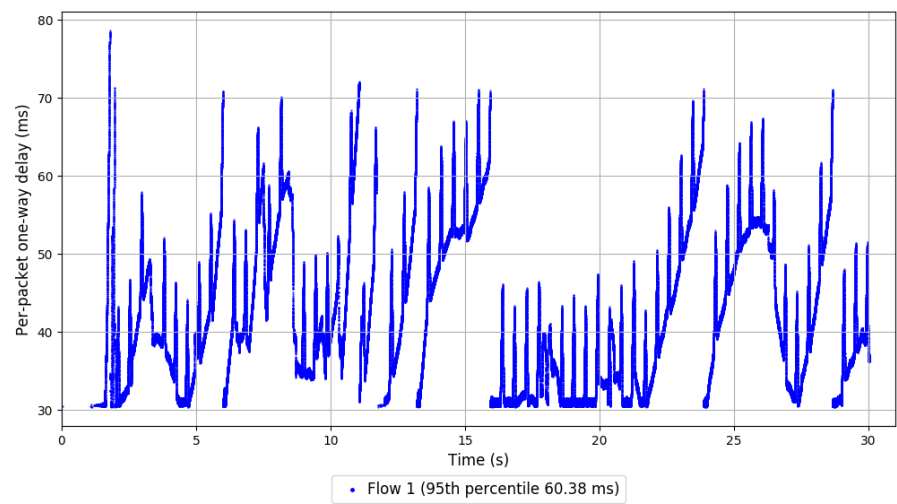
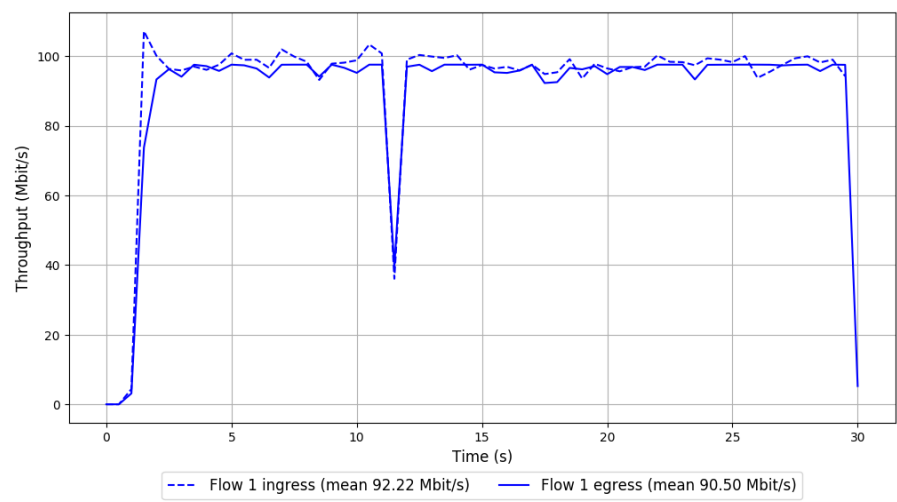
-- Flow 1:

Average throughput: 90.50 Mbit/s

95th percentile per-packet one-way delay: 60.376 ms

Loss rate: 1.85%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2018-02-16 04:42:23

End at: 2018-02-16 04:42:53

Local clock offset: 2.0 ms

Remote clock offset: -9.082 ms

Below is generated by plot.py at 2018-02-16 07:38:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.49 Mbit/s

95th percentile per-packet one-way delay: 58.282 ms

Loss rate: 1.62%

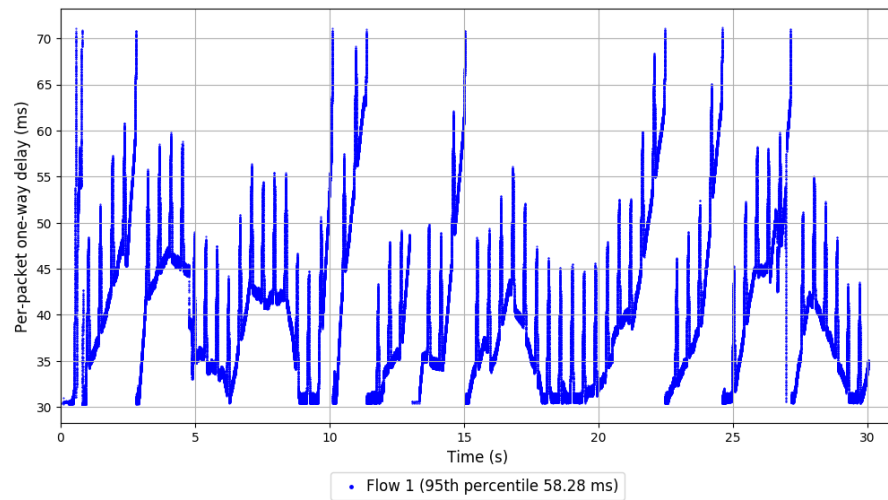
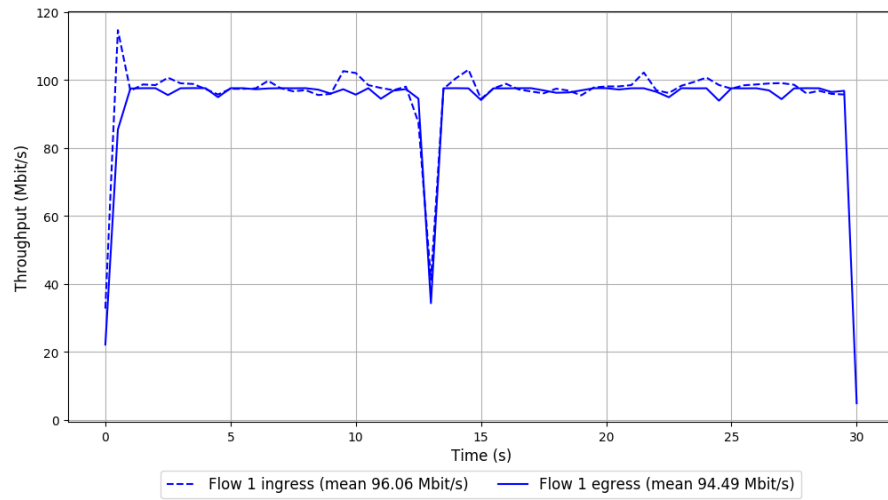
-- Flow 1:

Average throughput: 94.49 Mbit/s

95th percentile per-packet one-way delay: 58.282 ms

Loss rate: 1.62%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: 2018-02-16 05:11:35

End at: 2018-02-16 05:12:05

Local clock offset: 3.741 ms

Remote clock offset: -7.623 ms

Below is generated by plot.py at 2018-02-16 07:38:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.93 Mbit/s

95th percentile per-packet one-way delay: 57.180 ms

Loss rate: 2.13%

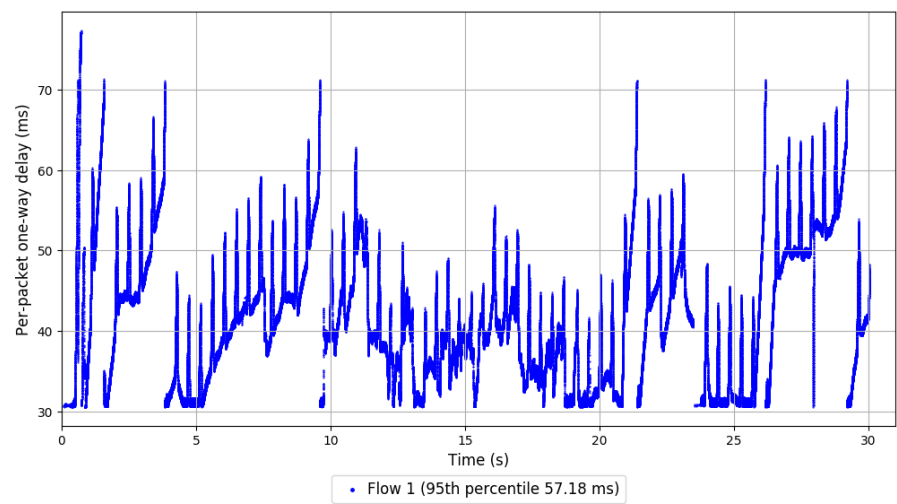
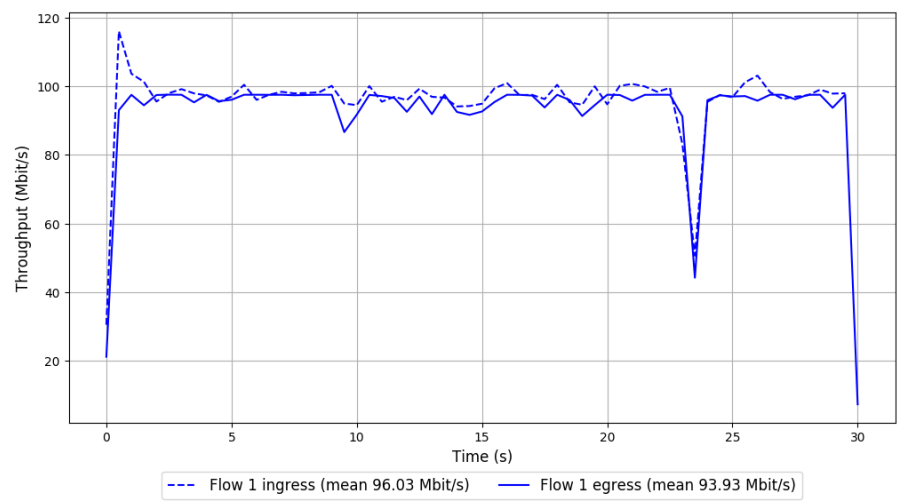
-- Flow 1:

Average throughput: 93.93 Mbit/s

95th percentile per-packet one-way delay: 57.180 ms

Loss rate: 2.13%

Run 6: Report of TCP BBR — Data Link

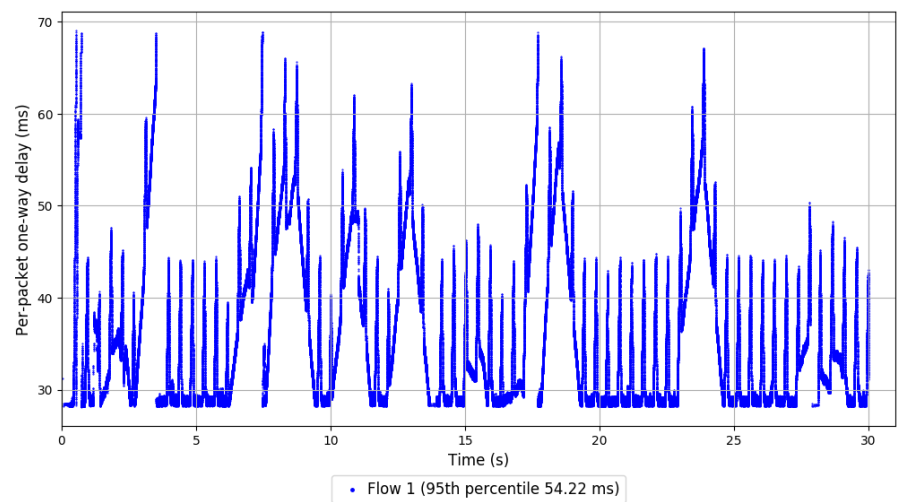
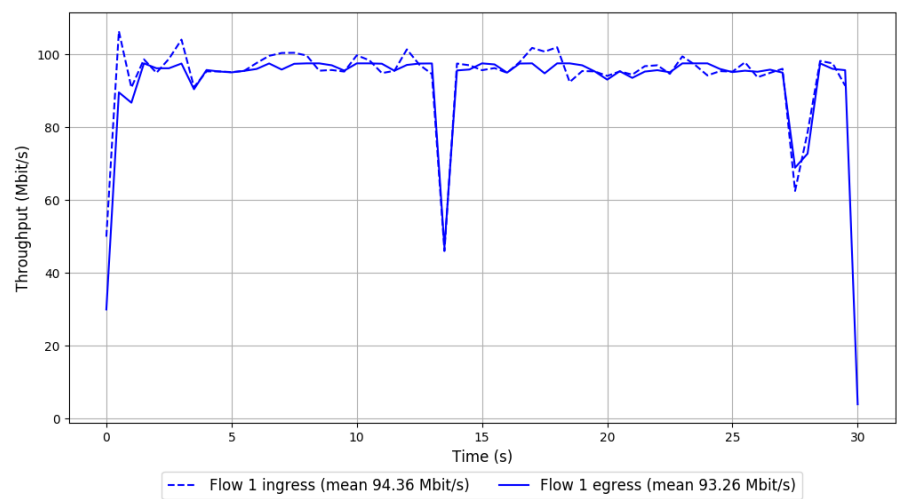


Run 7: Statistics of TCP BBR

Start at: 2018-02-16 05:40:55
End at: 2018-02-16 05:41:25
Local clock offset: 4.971 ms
Remote clock offset: -5.538 ms

Below is generated by plot.py at 2018-02-16 07:38:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.26 Mbit/s
95th percentile per-packet one-way delay: 54.219 ms
Loss rate: 1.16%
-- Flow 1:
Average throughput: 93.26 Mbit/s
95th percentile per-packet one-way delay: 54.219 ms
Loss rate: 1.16%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: 2018-02-16 06:07:20

End at: 2018-02-16 06:07:50

Local clock offset: 2.366 ms

Remote clock offset: -2.952 ms

Below is generated by plot.py at 2018-02-16 07:38:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.40 Mbit/s

95th percentile per-packet one-way delay: 60.276 ms

Loss rate: 1.86%

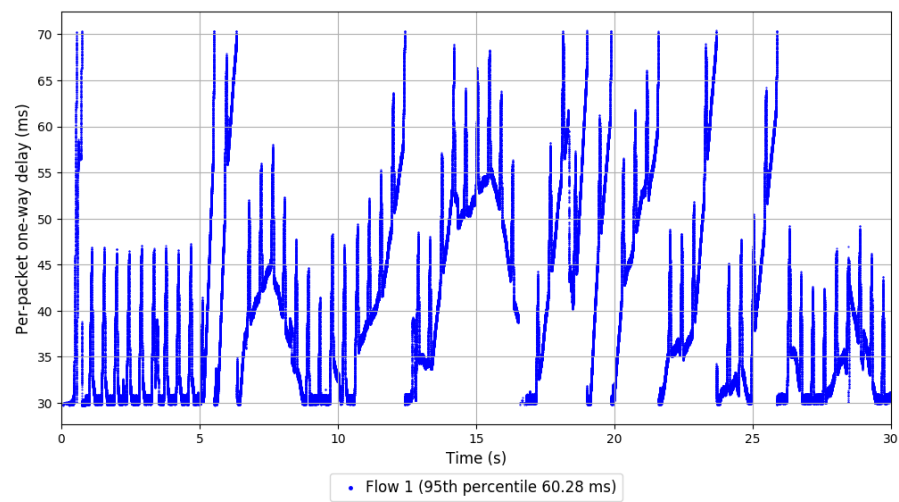
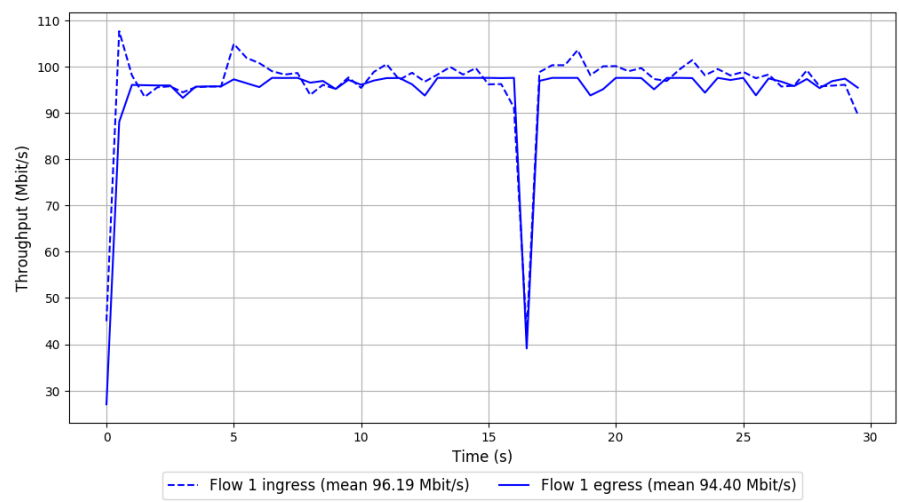
-- Flow 1:

Average throughput: 94.40 Mbit/s

95th percentile per-packet one-way delay: 60.276 ms

Loss rate: 1.86%

Run 8: Report of TCP BBR — Data Link

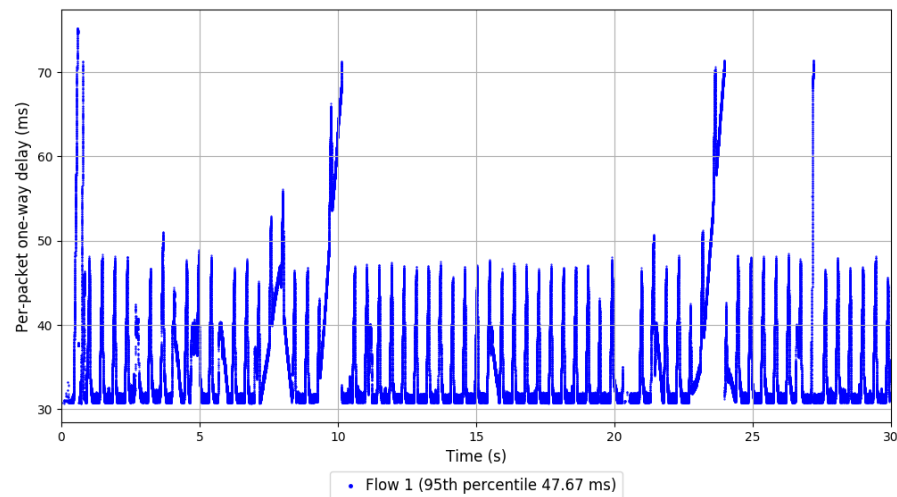
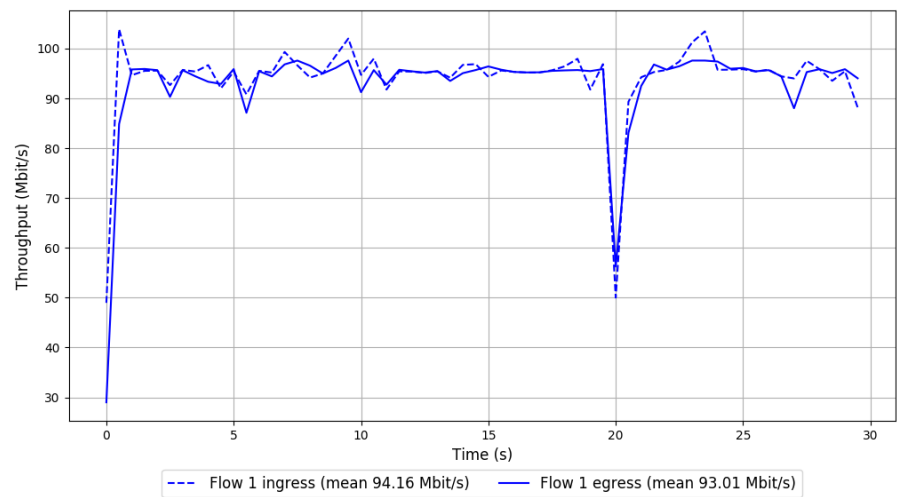


Run 9: Statistics of TCP BBR

Start at: 2018-02-16 06:35:15
End at: 2018-02-16 06:35:45
Local clock offset: 2.539 ms
Remote clock offset: -5.305 ms

Below is generated by plot.py at 2018-02-16 07:39:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.01 Mbit/s
95th percentile per-packet one-way delay: 47.667 ms
Loss rate: 1.21%
-- Flow 1:
Average throughput: 93.01 Mbit/s
95th percentile per-packet one-way delay: 47.667 ms
Loss rate: 1.21%

Run 9: Report of TCP BBR — Data Link

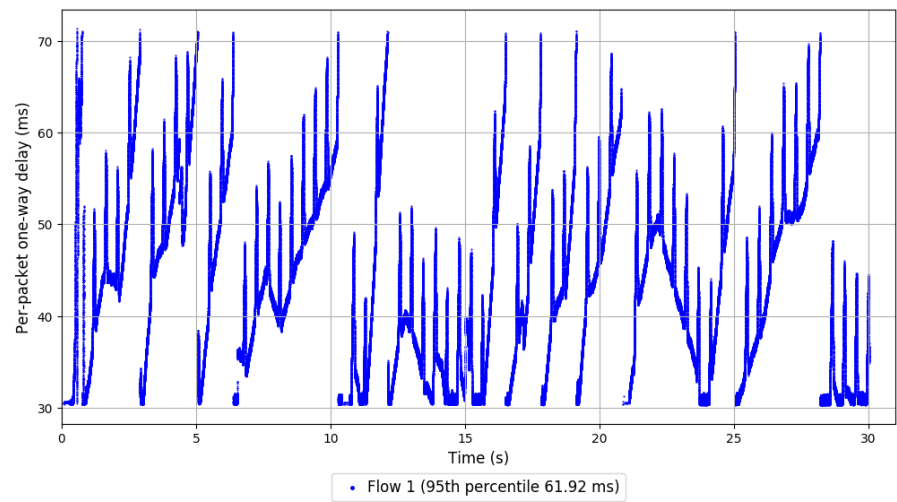
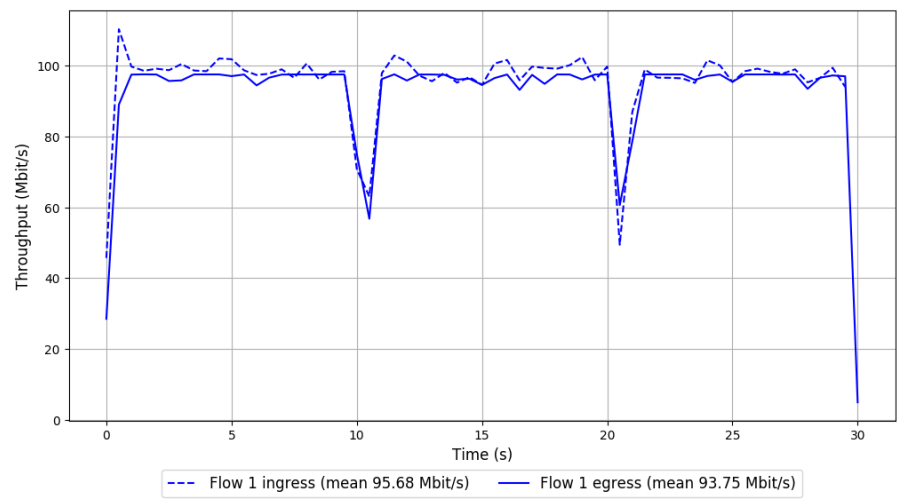


Run 10: Statistics of TCP BBR

Start at: 2018-02-16 07:01:51
End at: 2018-02-16 07:02:21
Local clock offset: 0.761 ms
Remote clock offset: -0.151 ms

Below is generated by plot.py at 2018-02-16 07:39:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.75 Mbit/s
95th percentile per-packet one-way delay: 61.922 ms
Loss rate: 2.01%
-- Flow 1:
Average throughput: 93.75 Mbit/s
95th percentile per-packet one-way delay: 61.922 ms
Loss rate: 2.01%

Run 10: Report of TCP BBR — Data Link

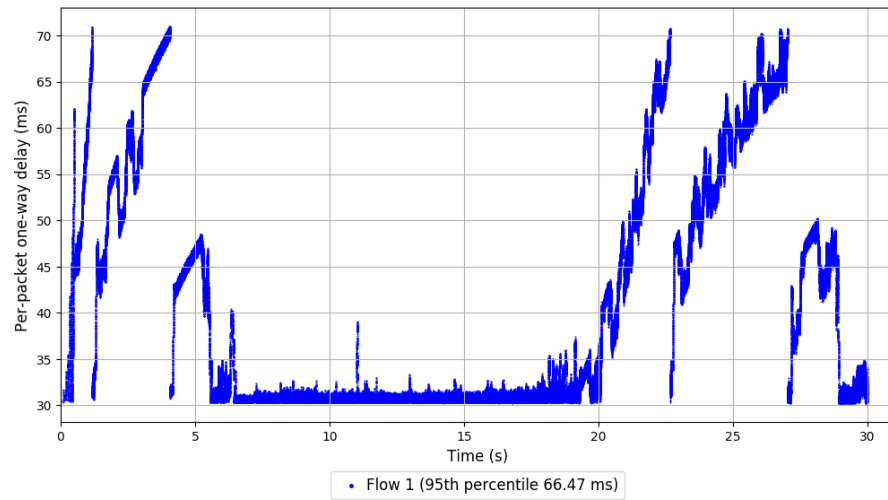
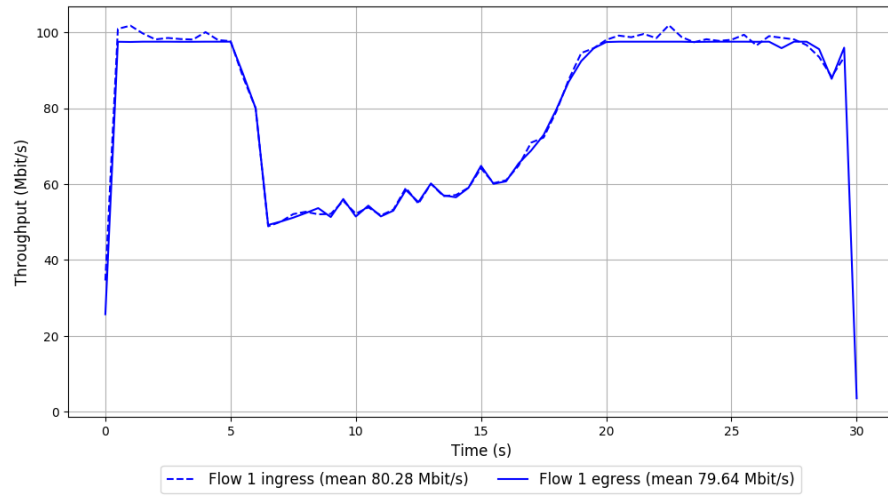


Run 1: Statistics of TCP Cubic

Start at: 2018-02-16 02:40:40
End at: 2018-02-16 02:41:10
Local clock offset: 1.225 ms
Remote clock offset: -5.261 ms

Below is generated by plot.py at 2018-02-16 07:39:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 79.64 Mbit/s
95th percentile per-packet one-way delay: 66.473 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 79.64 Mbit/s
95th percentile per-packet one-way delay: 66.473 ms
Loss rate: 0.79%

Run 1: Report of TCP Cubic — Data Link

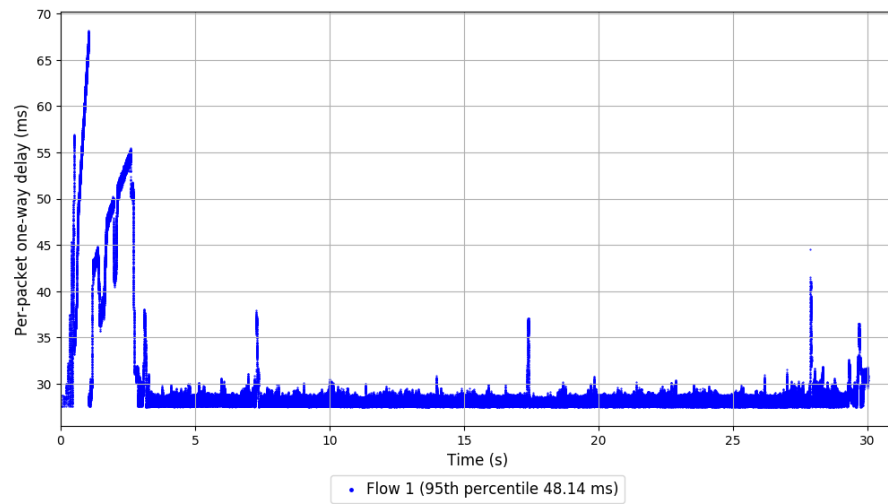
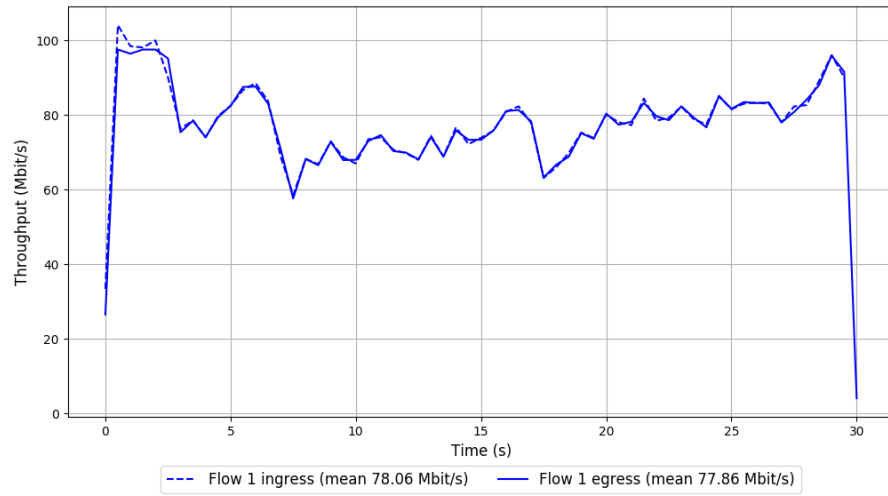


Run 2: Statistics of TCP Cubic

Start at: 2018-02-16 03:10:23
End at: 2018-02-16 03:10:53
Local clock offset: 0.886 ms
Remote clock offset: -2.545 ms

Below is generated by plot.py at 2018-02-16 07:39:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.86 Mbit/s
95th percentile per-packet one-way delay: 48.139 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 77.86 Mbit/s
95th percentile per-packet one-way delay: 48.139 ms
Loss rate: 0.25%

Run 2: Report of TCP Cubic — Data Link

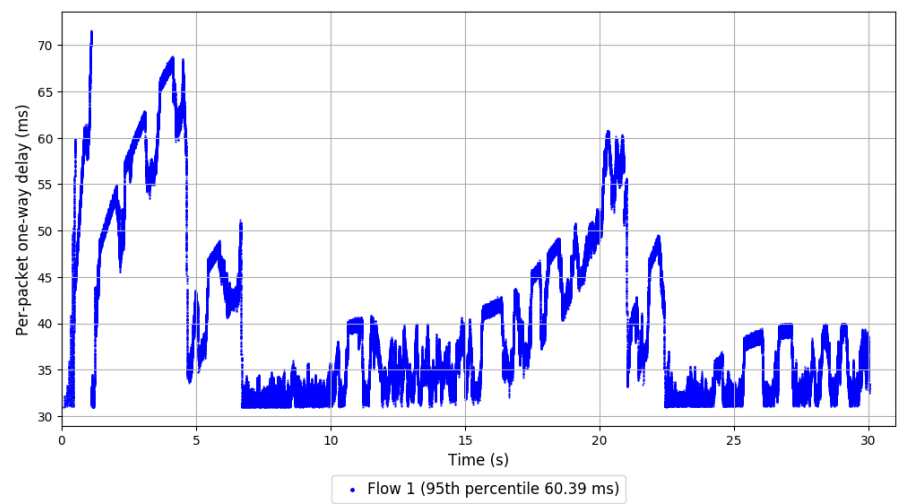
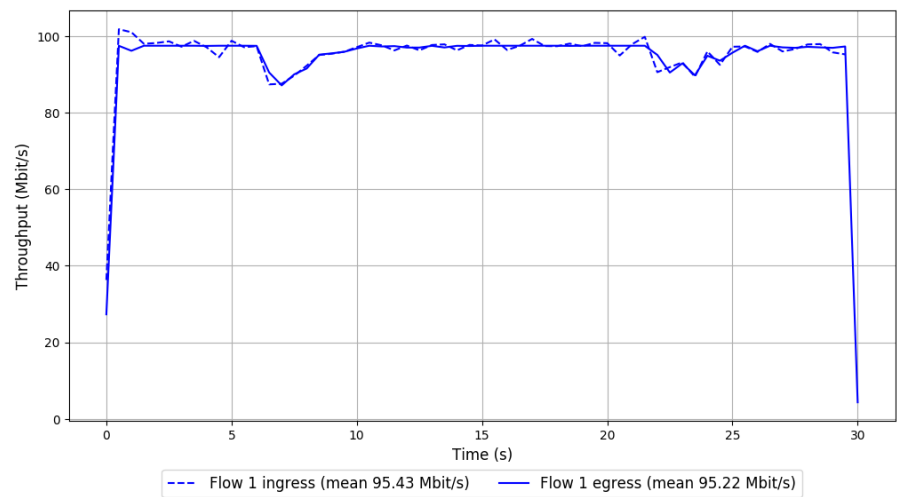


Run 3: Statistics of TCP Cubic

Start at: 2018-02-16 03:40:37
End at: 2018-02-16 03:41:07
Local clock offset: 0.708 ms
Remote clock offset: -11.679 ms

Below is generated by plot.py at 2018-02-16 07:39:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.22 Mbit/s
95th percentile per-packet one-way delay: 60.386 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 95.22 Mbit/s
95th percentile per-packet one-way delay: 60.386 ms
Loss rate: 0.21%

Run 3: Report of TCP Cubic — Data Link

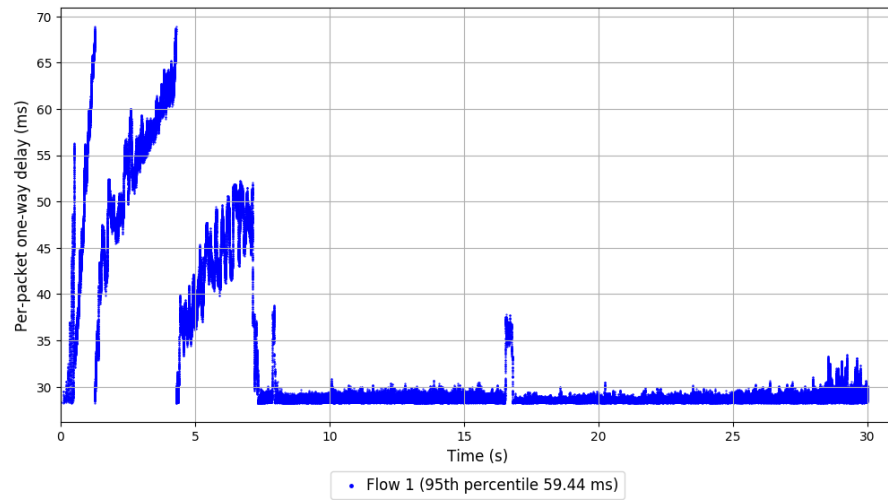
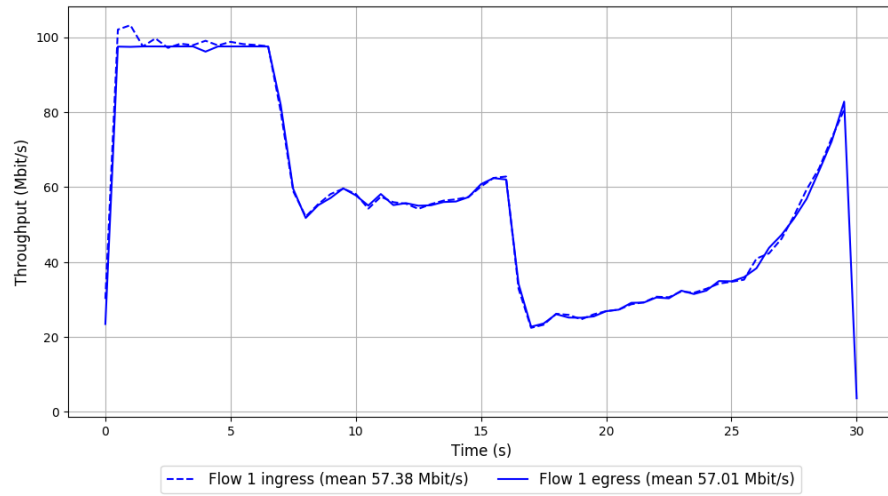


Run 4: Statistics of TCP Cubic

Start at: 2018-02-16 04:12:46
End at: 2018-02-16 04:13:16
Local clock offset: 0.709 ms
Remote clock offset: -3.787 ms

Below is generated by plot.py at 2018-02-16 07:39:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 57.01 Mbit/s
95th percentile per-packet one-way delay: 59.444 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 57.01 Mbit/s
95th percentile per-packet one-way delay: 59.444 ms
Loss rate: 0.64%

Run 4: Report of TCP Cubic — Data Link

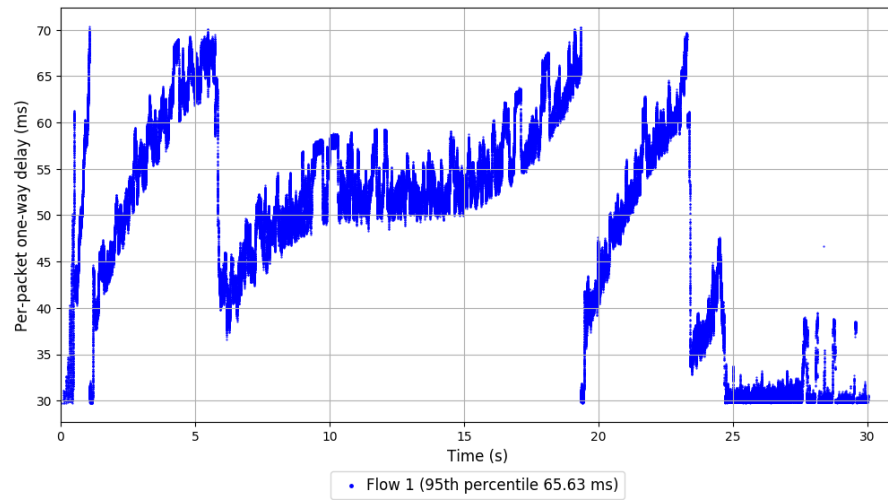
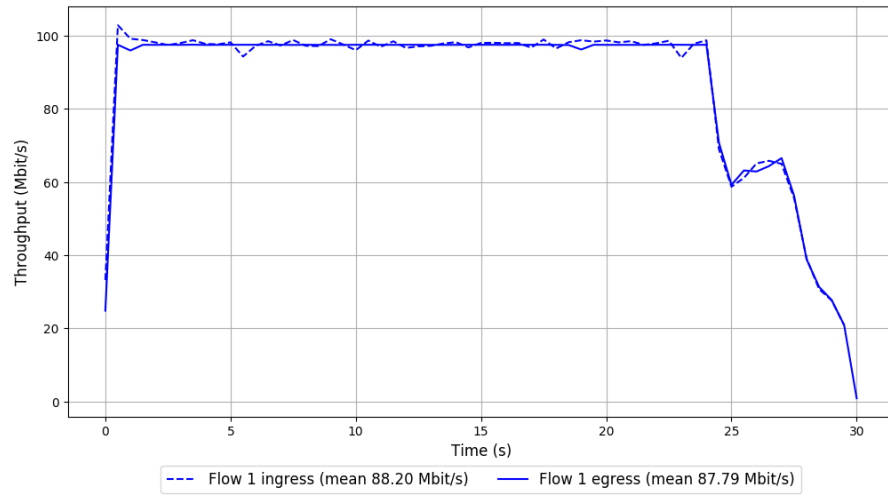


Run 5: Statistics of TCP Cubic

Start at: 2018-02-16 04:45:37
End at: 2018-02-16 04:46:07
Local clock offset: 2.336 ms
Remote clock offset: -9.971 ms

Below is generated by plot.py at 2018-02-16 07:39:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.79 Mbit/s
95th percentile per-packet one-way delay: 65.629 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 87.79 Mbit/s
95th percentile per-packet one-way delay: 65.629 ms
Loss rate: 0.46%

Run 5: Report of TCP Cubic — Data Link

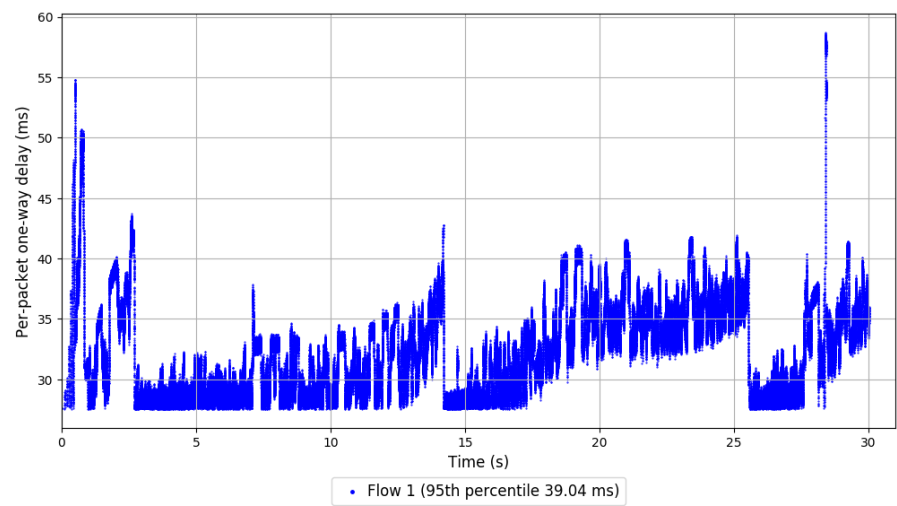
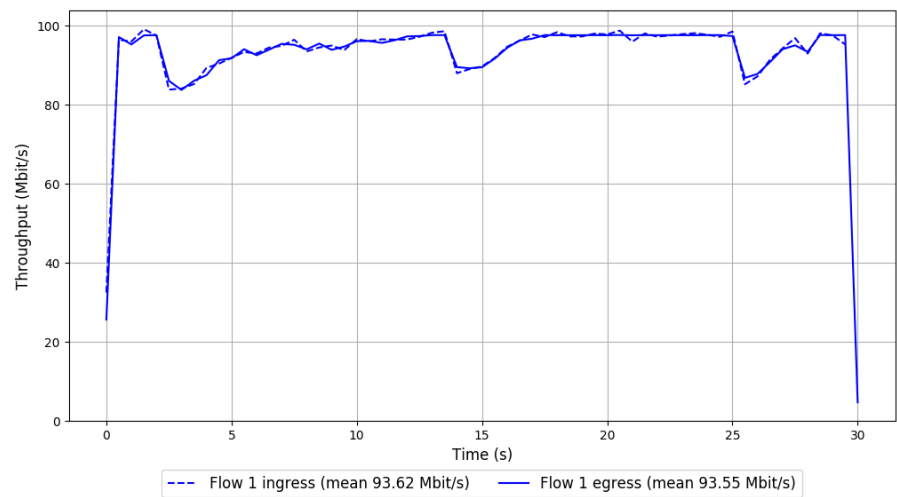


Run 6: Statistics of TCP Cubic

Start at: 2018-02-16 05:14:50
End at: 2018-02-16 05:15:20
Local clock offset: 3.963 ms
Remote clock offset: -9.705 ms

Below is generated by plot.py at 2018-02-16 07:39:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.55 Mbit/s
95th percentile per-packet one-way delay: 39.043 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 93.55 Mbit/s
95th percentile per-packet one-way delay: 39.043 ms
Loss rate: 0.05%

Run 6: Report of TCP Cubic — Data Link

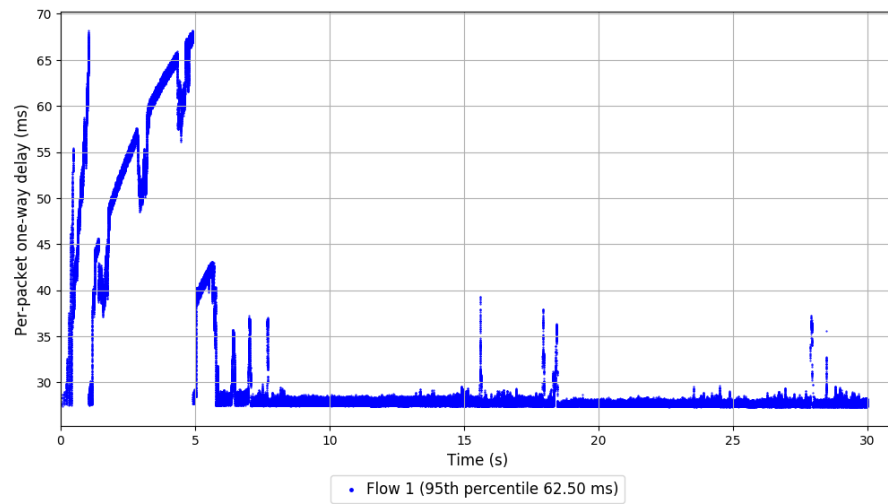
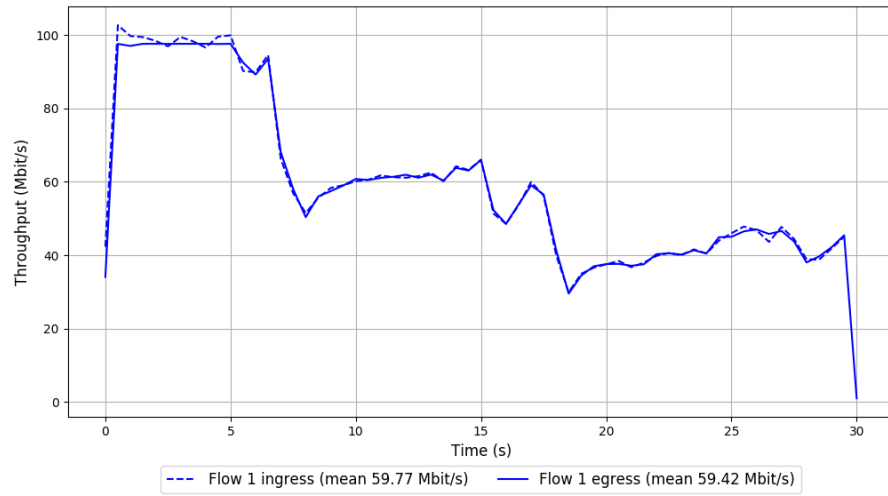


Run 7: Statistics of TCP Cubic

Start at: 2018-02-16 05:43:39
End at: 2018-02-16 05:44:09
Local clock offset: 4.922 ms
Remote clock offset: -5.047 ms

Below is generated by plot.py at 2018-02-16 07:39:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 59.42 Mbit/s
95th percentile per-packet one-way delay: 62.501 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 59.42 Mbit/s
95th percentile per-packet one-way delay: 62.501 ms
Loss rate: 0.58%

Run 7: Report of TCP Cubic — Data Link

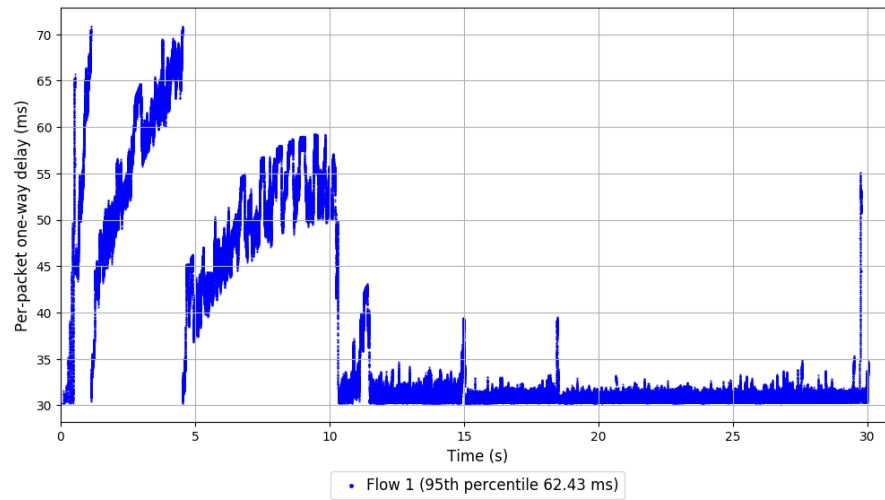
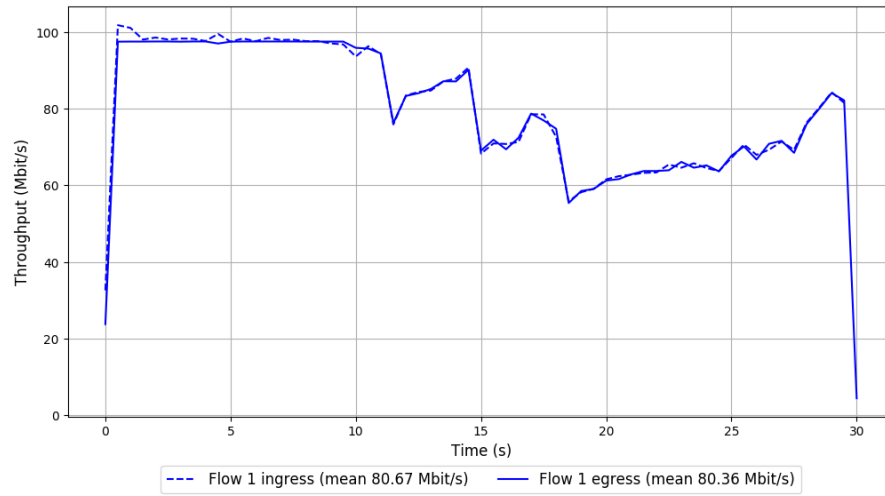


Run 8: Statistics of TCP Cubic

Start at: 2018-02-16 06:10:23
End at: 2018-02-16 06:10:53
Local clock offset: 2.307 ms
Remote clock offset: -3.098 ms

Below is generated by plot.py at 2018-02-16 07:40:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.36 Mbit/s
95th percentile per-packet one-way delay: 62.434 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 80.36 Mbit/s
95th percentile per-packet one-way delay: 62.434 ms
Loss rate: 0.38%

Run 8: Report of TCP Cubic — Data Link

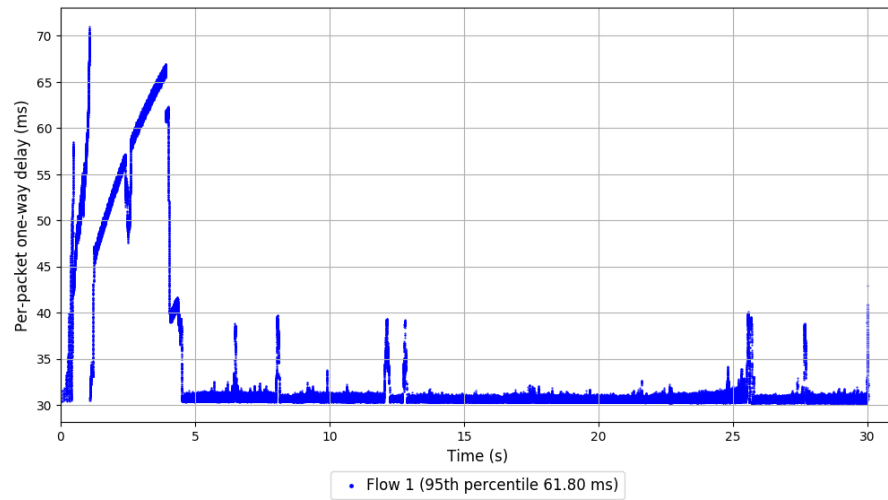
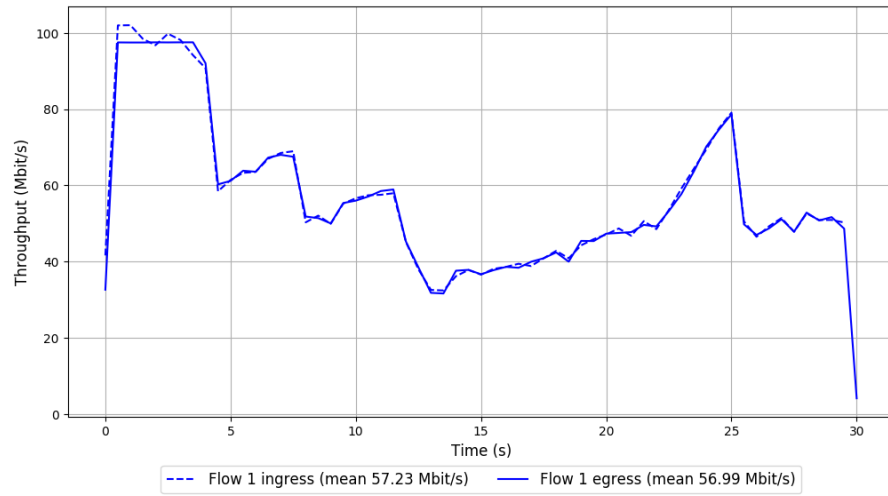


Run 9: Statistics of TCP Cubic

Start at: 2018-02-16 06:37:56
End at: 2018-02-16 06:38:26
Local clock offset: 2.528 ms
Remote clock offset: -4.975 ms

Below is generated by plot.py at 2018-02-16 07:40:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 56.99 Mbit/s
95th percentile per-packet one-way delay: 61.799 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 56.99 Mbit/s
95th percentile per-packet one-way delay: 61.799 ms
Loss rate: 0.42%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2018-02-16 07:05:02

End at: 2018-02-16 07:05:32

Local clock offset: 0.443 ms

Remote clock offset: 0.232 ms

Below is generated by plot.py at 2018-02-16 07:40:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.39 Mbit/s

95th percentile per-packet one-way delay: 63.820 ms

Loss rate: 0.39%

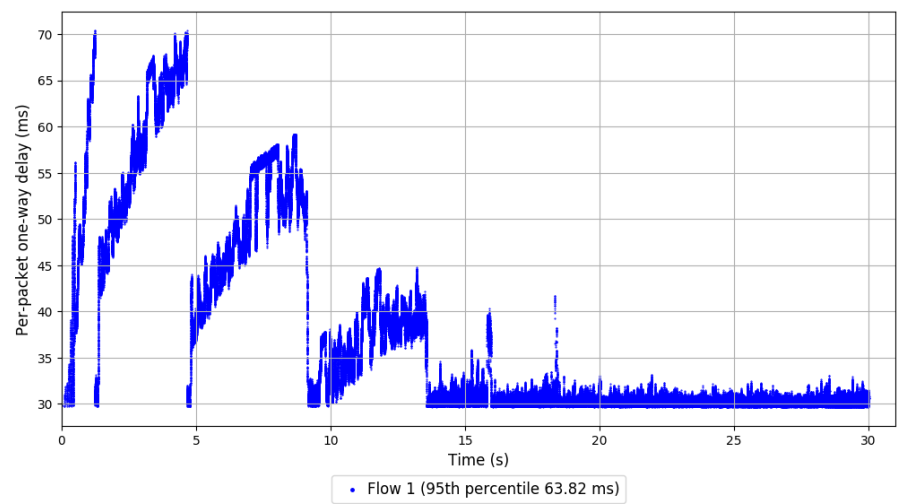
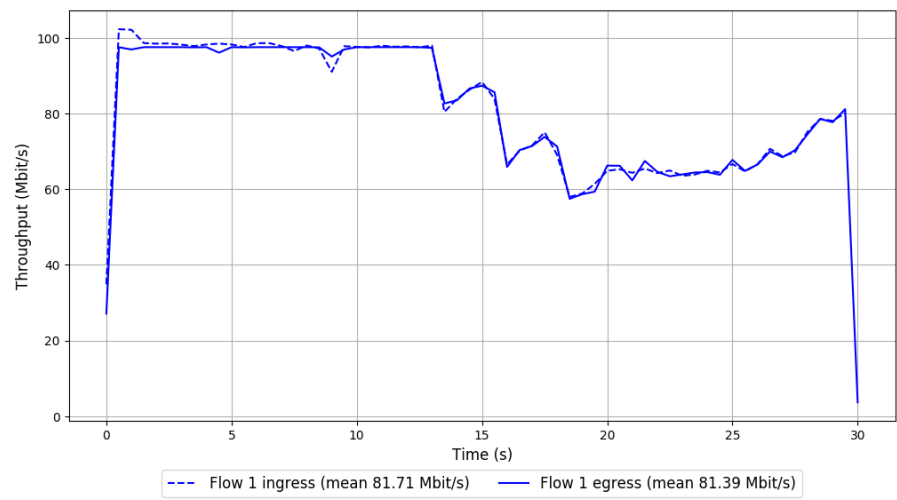
-- Flow 1:

Average throughput: 81.39 Mbit/s

95th percentile per-packet one-way delay: 63.820 ms

Loss rate: 0.39%

Run 10: Report of TCP Cubic — Data Link

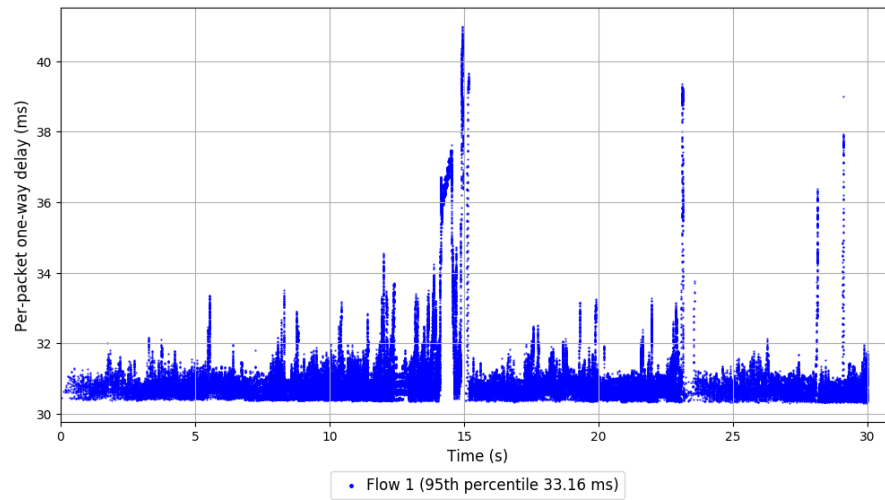
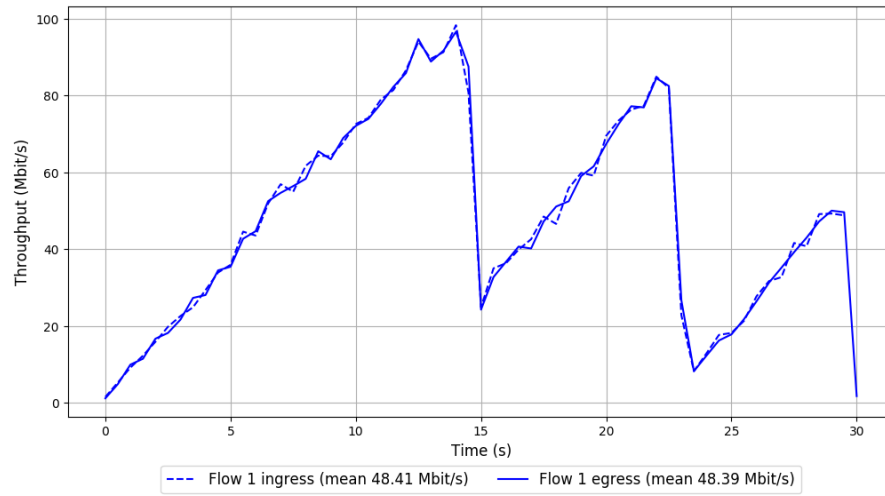


Run 1: Statistics of LEDBAT

Start at: 2018-02-16 02:47:27
End at: 2018-02-16 02:47:57
Local clock offset: 1.467 ms
Remote clock offset: -3.334 ms

Below is generated by plot.py at 2018-02-16 07:40:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 48.39 Mbit/s
95th percentile per-packet one-way delay: 33.165 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 48.39 Mbit/s
95th percentile per-packet one-way delay: 33.165 ms
Loss rate: 0.06%

Run 1: Report of LEDBAT — Data Link

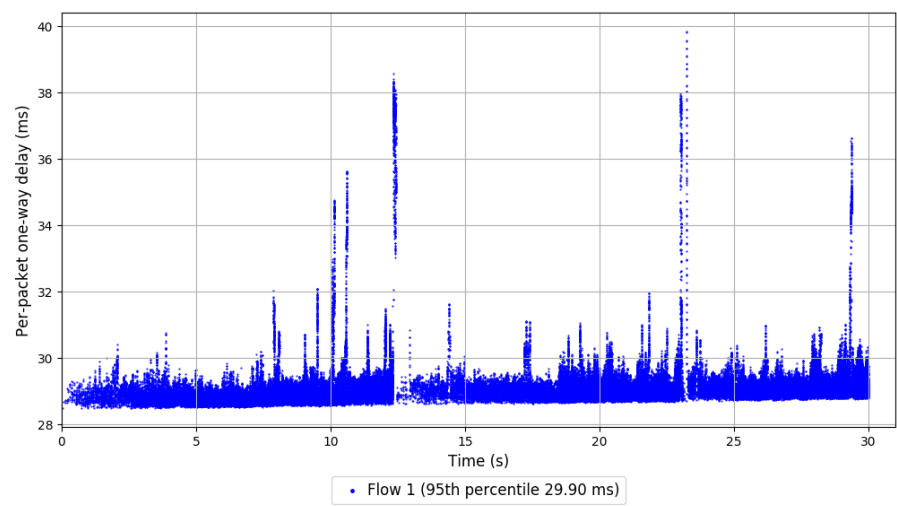
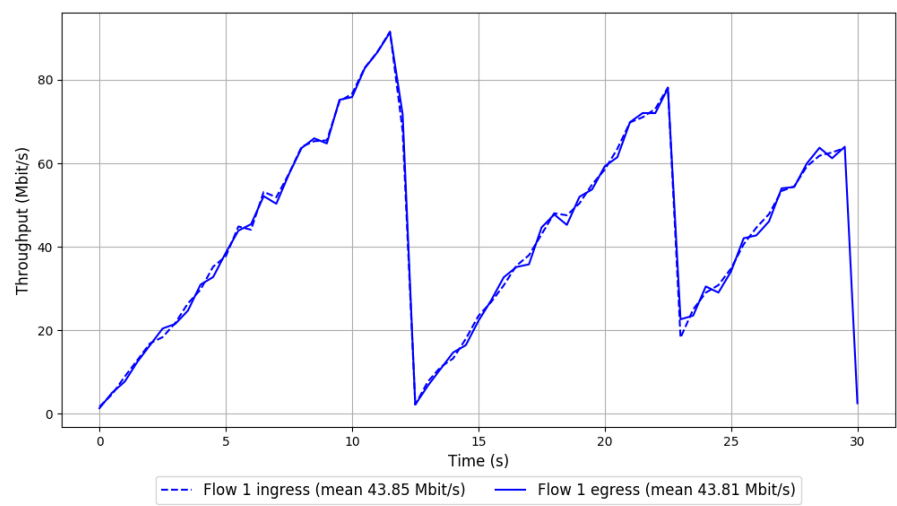


Run 2: Statistics of LEDBAT

Start at: 2018-02-16 03:16:57
End at: 2018-02-16 03:17:27
Local clock offset: 0.895 ms
Remote clock offset: -6.894 ms

Below is generated by plot.py at 2018-02-16 07:40:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 43.81 Mbit/s
95th percentile per-packet one-way delay: 29.898 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 43.81 Mbit/s
95th percentile per-packet one-way delay: 29.898 ms
Loss rate: 0.09%

Run 2: Report of LEDBAT — Data Link

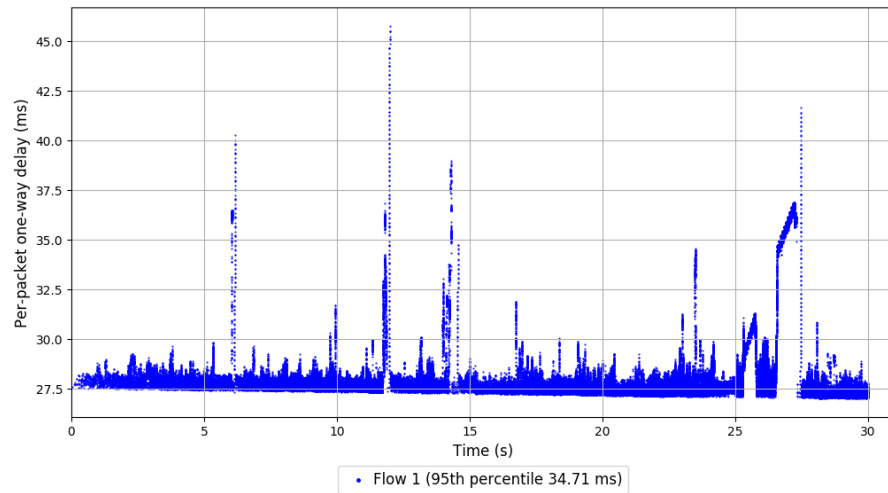
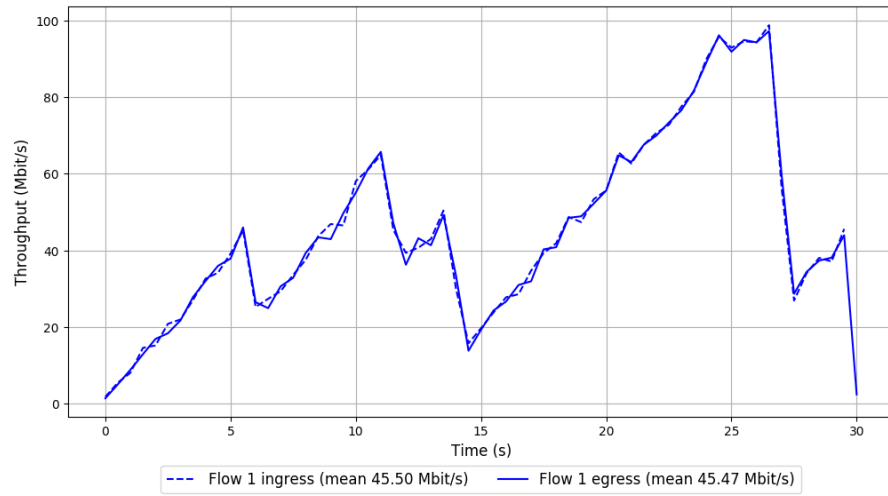


Run 3: Statistics of LEDBAT

Start at: 2018-02-16 03:48:03
End at: 2018-02-16 03:48:33
Local clock offset: 0.703 ms
Remote clock offset: -12.303 ms

Below is generated by plot.py at 2018-02-16 07:40:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 45.47 Mbit/s
95th percentile per-packet one-way delay: 34.713 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 45.47 Mbit/s
95th percentile per-packet one-way delay: 34.713 ms
Loss rate: 0.07%

Run 3: Report of LEDBAT — Data Link

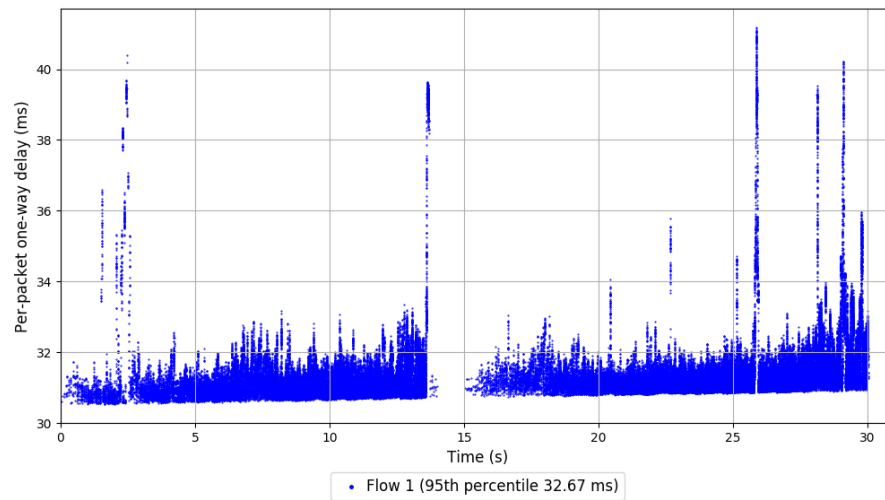
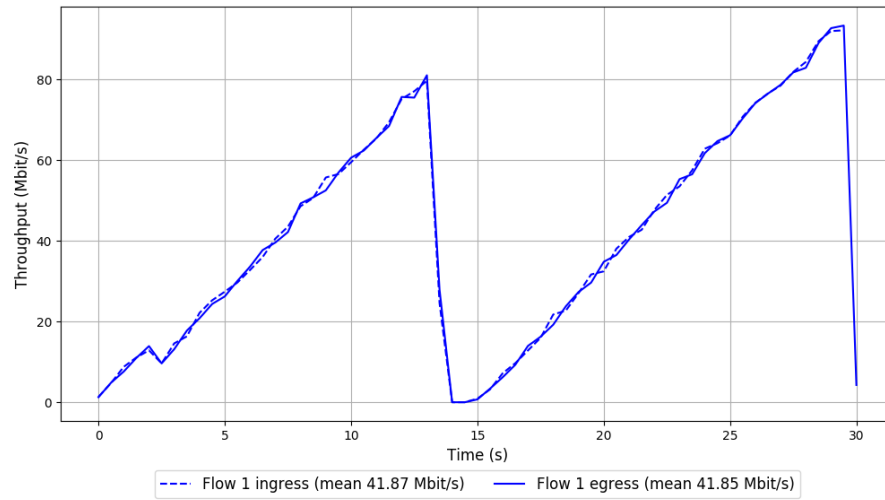


Run 4: Statistics of LEDBAT

Start at: 2018-02-16 04:20:29
End at: 2018-02-16 04:20:59
Local clock offset: 0.693 ms
Remote clock offset: -1.998 ms

Below is generated by plot.py at 2018-02-16 07:40:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 41.85 Mbit/s
95th percentile per-packet one-way delay: 32.666 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 41.85 Mbit/s
95th percentile per-packet one-way delay: 32.666 ms
Loss rate: 0.06%

Run 4: Report of LEDBAT — Data Link

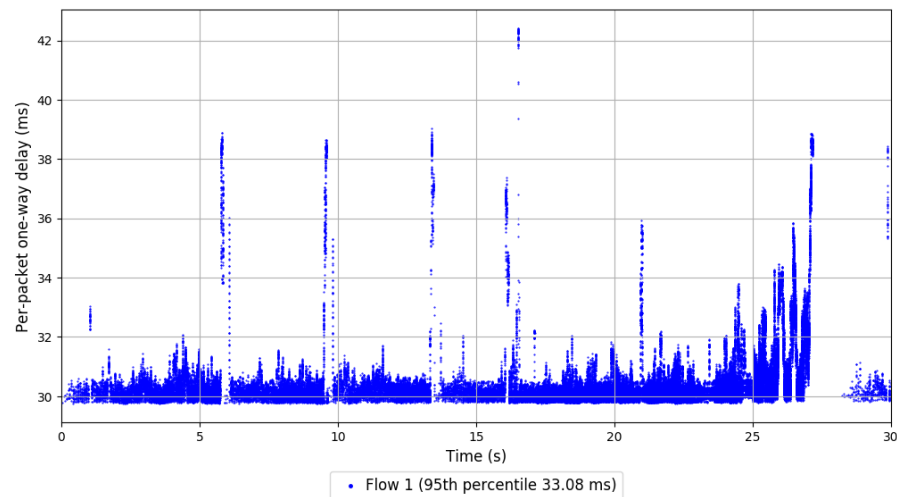
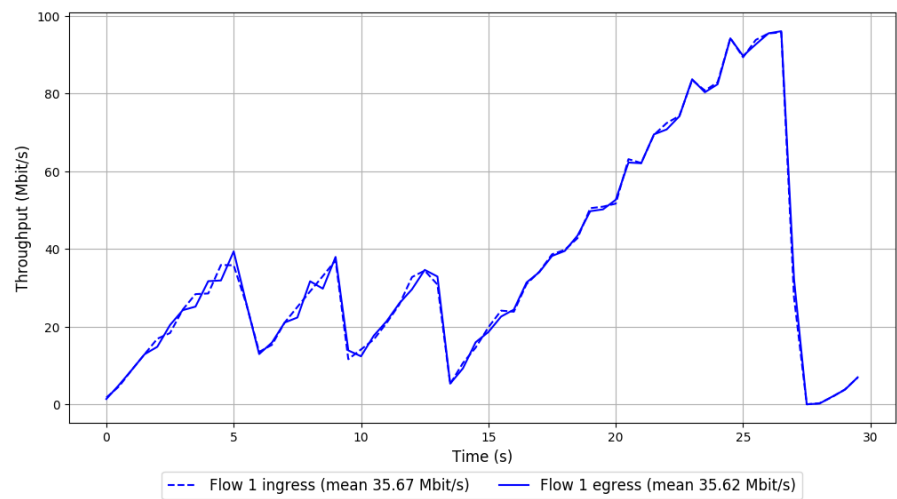


Run 5: Statistics of LEDBAT

Start at: 2018-02-16 04:53:08
End at: 2018-02-16 04:53:38
Local clock offset: 2.947 ms
Remote clock offset: -10.283 ms

Below is generated by plot.py at 2018-02-16 07:40:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 35.62 Mbit/s
95th percentile per-packet one-way delay: 33.077 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 35.62 Mbit/s
95th percentile per-packet one-way delay: 33.077 ms
Loss rate: 0.14%

Run 5: Report of LEDBAT — Data Link

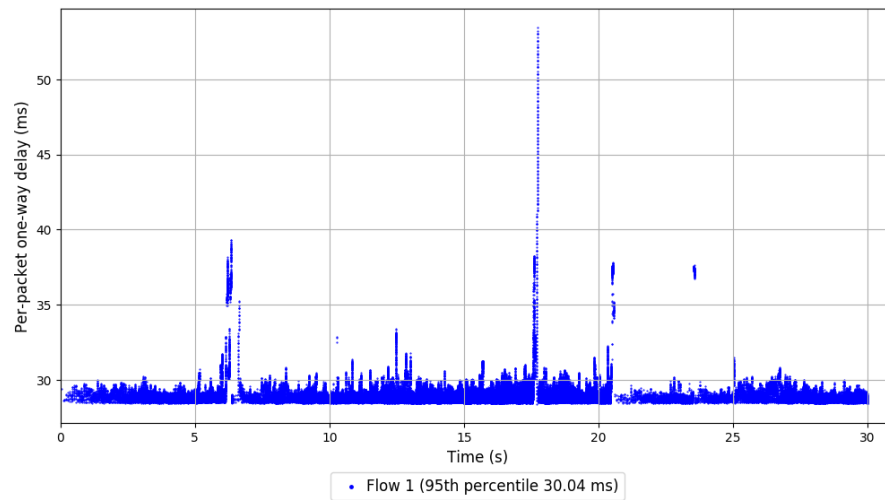
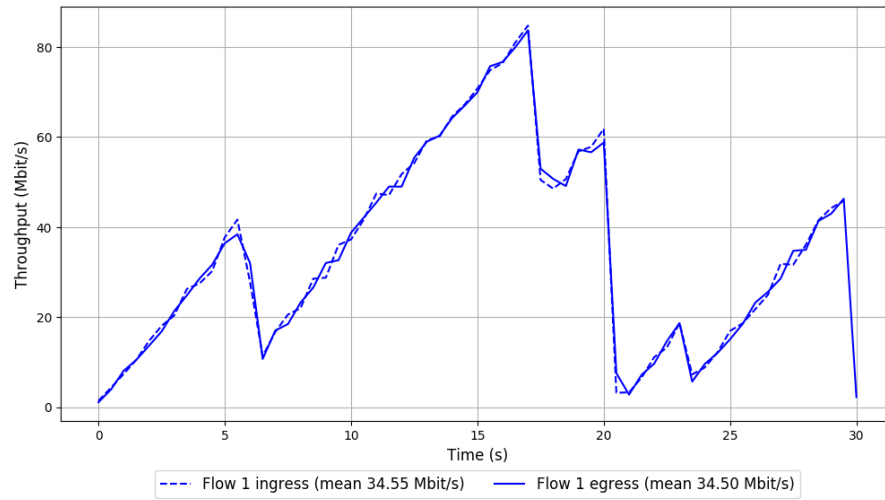


Run 6: Statistics of LEDBAT

Start at: 2018-02-16 05:22:34
End at: 2018-02-16 05:23:04
Local clock offset: 4.192 ms
Remote clock offset: -9.267 ms

Below is generated by plot.py at 2018-02-16 07:40:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 34.50 Mbit/s
95th percentile per-packet one-way delay: 30.043 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 34.50 Mbit/s
95th percentile per-packet one-way delay: 30.043 ms
Loss rate: 0.16%

Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

Start at: 2018-02-16 05:49:42

End at: 2018-02-16 05:50:12

Local clock offset: 3.656 ms

Remote clock offset: -1.82 ms

Below is generated by plot.py at 2018-02-16 07:40:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 36.80 Mbit/s

95th percentile per-packet one-way delay: 31.746 ms

Loss rate: 0.11%

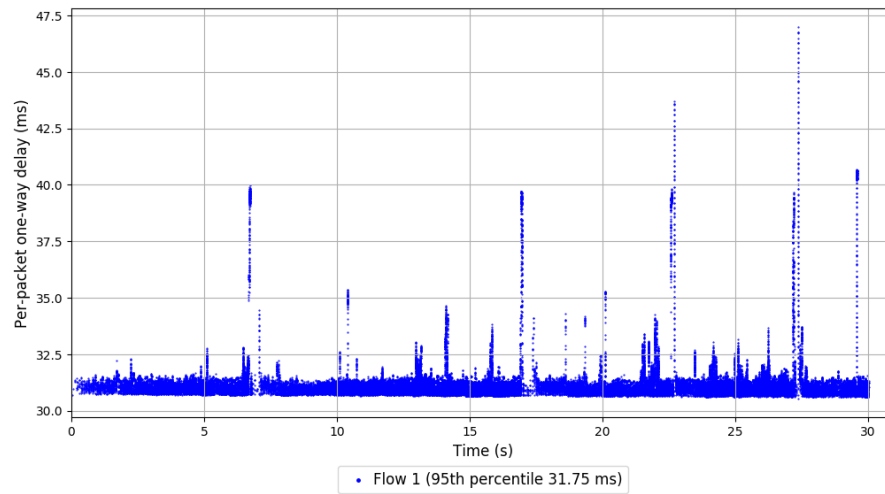
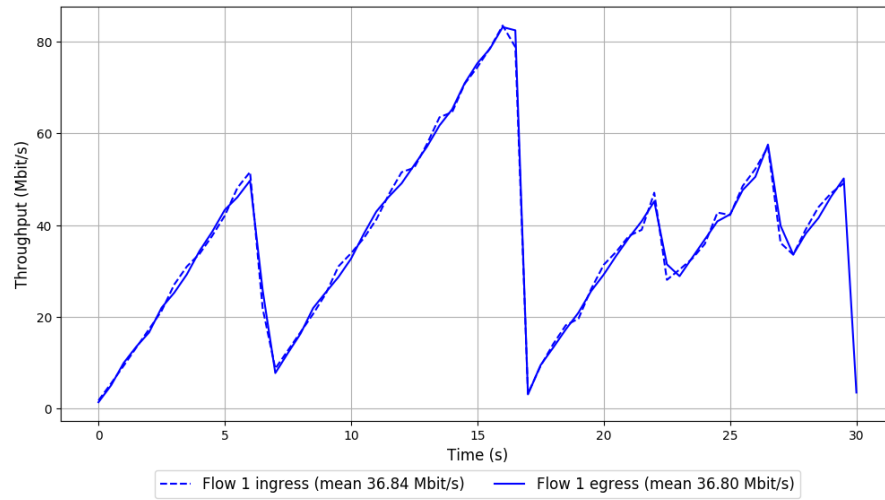
-- Flow 1:

Average throughput: 36.80 Mbit/s

95th percentile per-packet one-way delay: 31.746 ms

Loss rate: 0.11%

Run 7: Report of LEDBAT — Data Link

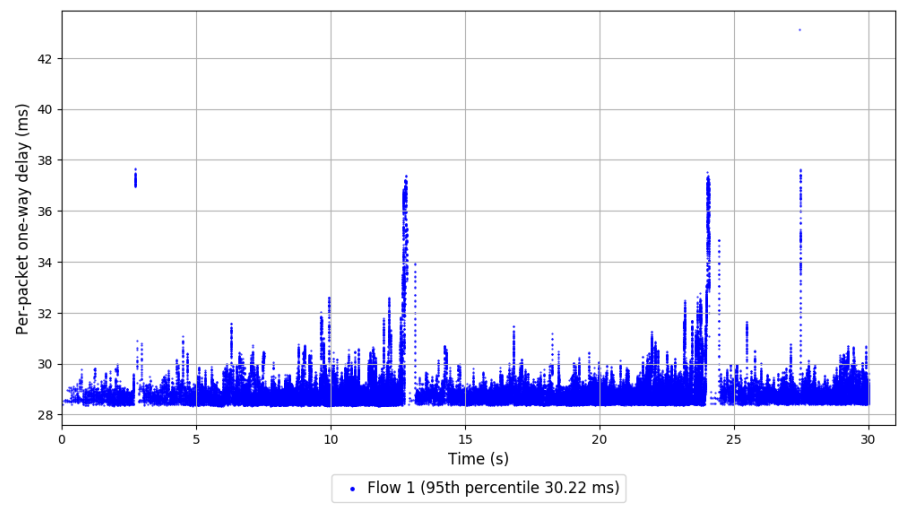
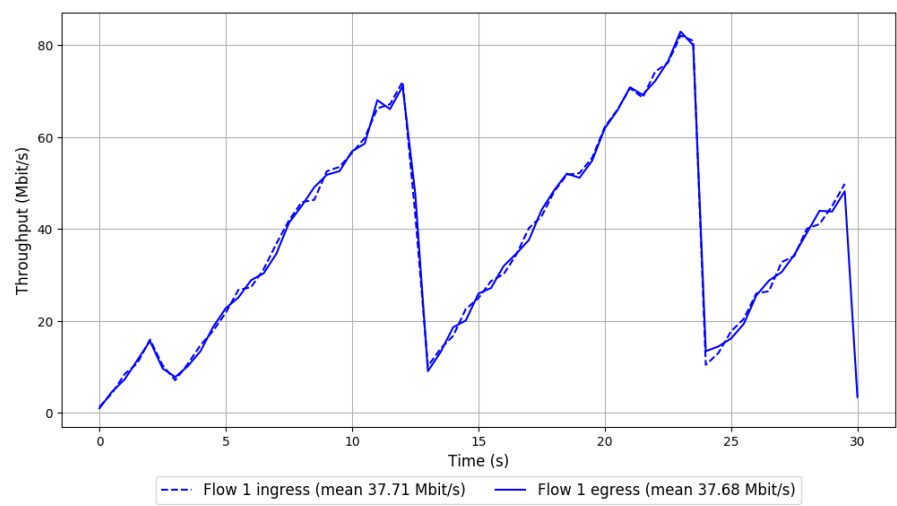


Run 8: Statistics of LEDBAT

Start at: 2018-02-16 06:17:20
End at: 2018-02-16 06:17:50
Local clock offset: 2.145 ms
Remote clock offset: -6.696 ms

Below is generated by plot.py at 2018-02-16 07:40:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 37.68 Mbit/s
95th percentile per-packet one-way delay: 30.224 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 37.68 Mbit/s
95th percentile per-packet one-way delay: 30.224 ms
Loss rate: 0.07%

Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

Start at: 2018-02-16 06:43:52

End at: 2018-02-16 06:44:22

Local clock offset: 2.445 ms

Remote clock offset: -2.74 ms

Below is generated by plot.py at 2018-02-16 07:41:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 46.83 Mbit/s

95th percentile per-packet one-way delay: 46.680 ms

Loss rate: 0.06%

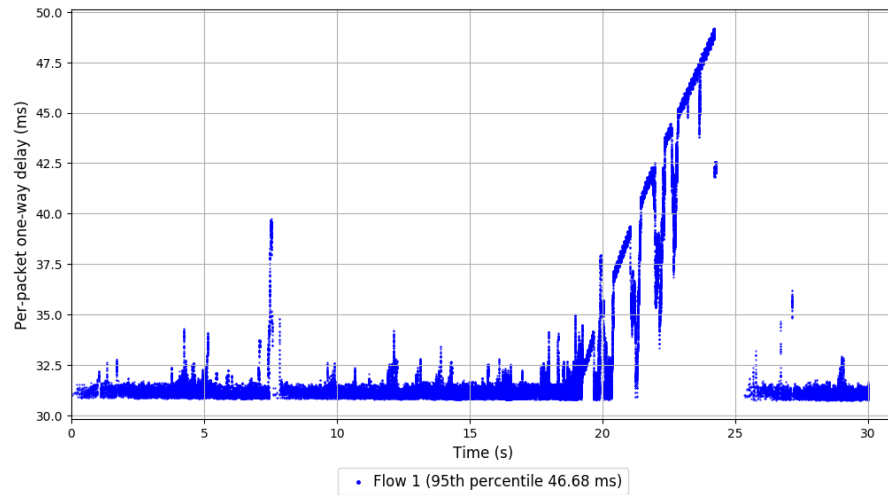
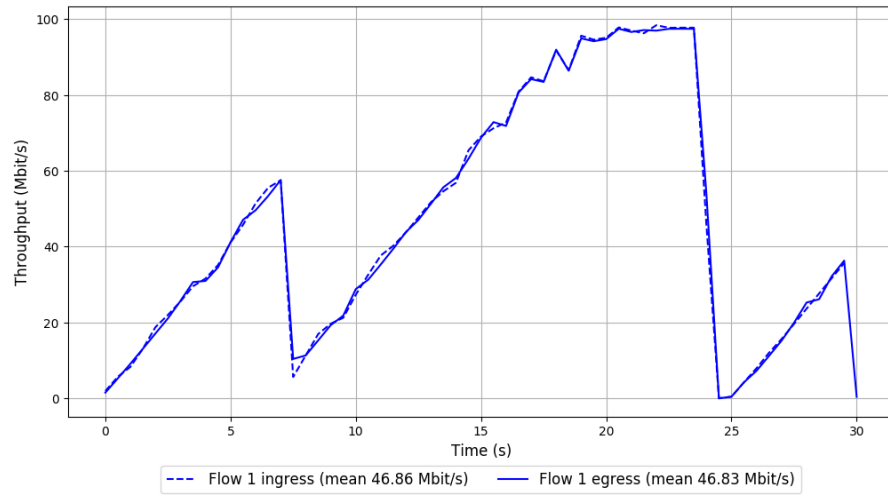
-- Flow 1:

Average throughput: 46.83 Mbit/s

95th percentile per-packet one-way delay: 46.680 ms

Loss rate: 0.06%

Run 9: Report of LEDBAT — Data Link

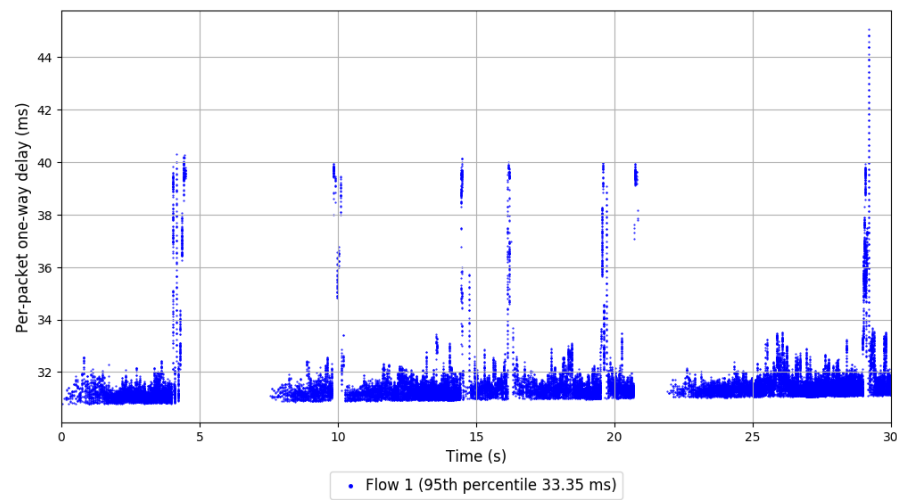
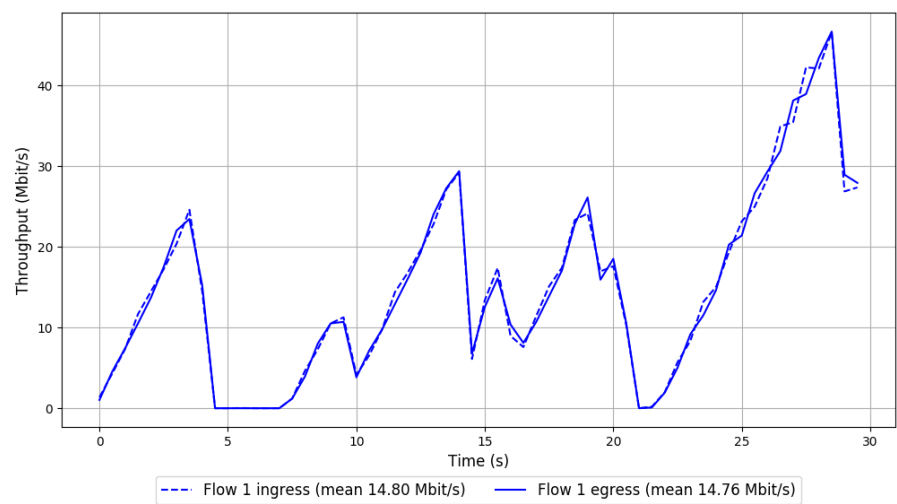


Run 10: Statistics of LEDBAT

Start at: 2018-02-16 07:12:16
End at: 2018-02-16 07:12:46
Local clock offset: -0.239 ms
Remote clock offset: -0.543 ms

Below is generated by plot.py at 2018-02-16 07:41:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 14.76 Mbit/s
95th percentile per-packet one-way delay: 33.347 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 14.76 Mbit/s
95th percentile per-packet one-way delay: 33.347 ms
Loss rate: 0.22%

Run 10: Report of LEDBAT — Data Link

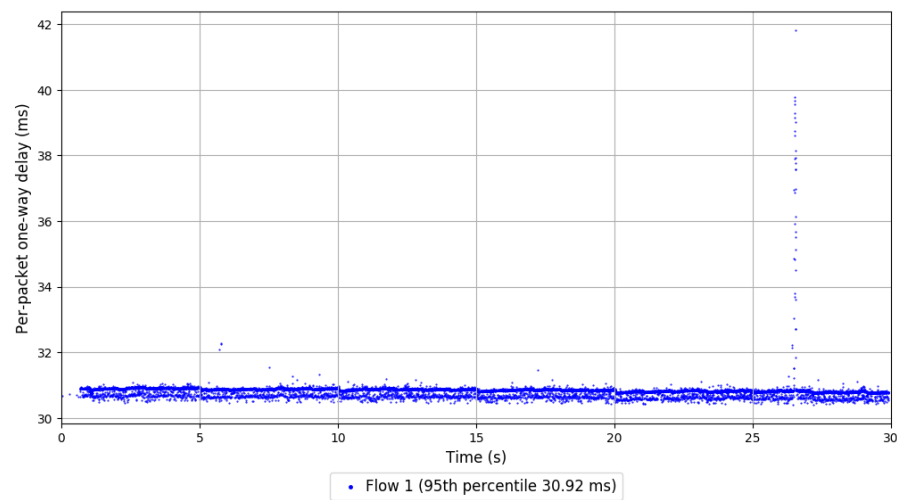
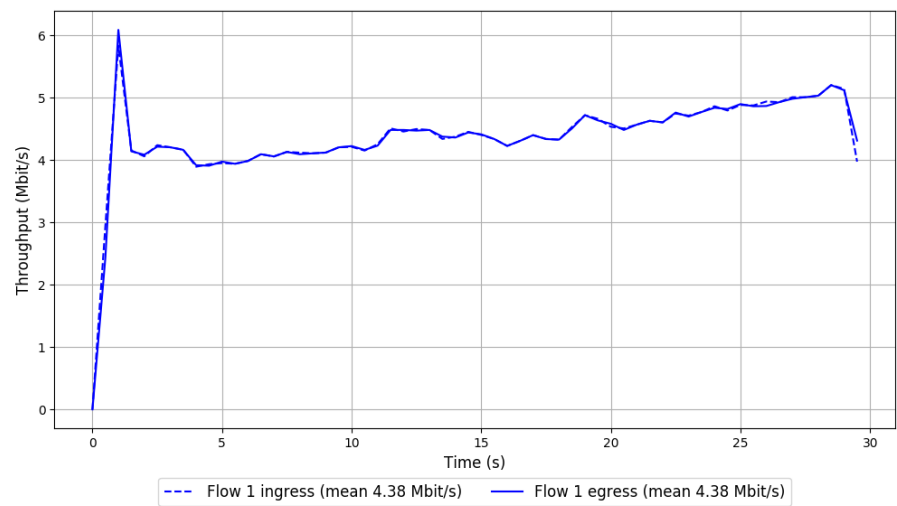


```
Run 1: Statistics of PCC

Start at: 2018-02-16 02:44:26
End at: 2018-02-16 02:44:56
Local clock offset: 1.407 ms
Remote clock offset: -3.704 ms

# Below is generated by plot.py at 2018-02-16 07:41:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.38 Mbit/s
95th percentile per-packet one-way delay: 30.917 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 4.38 Mbit/s
95th percentile per-packet one-way delay: 30.917 ms
Loss rate: 0.03%
```

Run 1: Report of PCC — Data Link

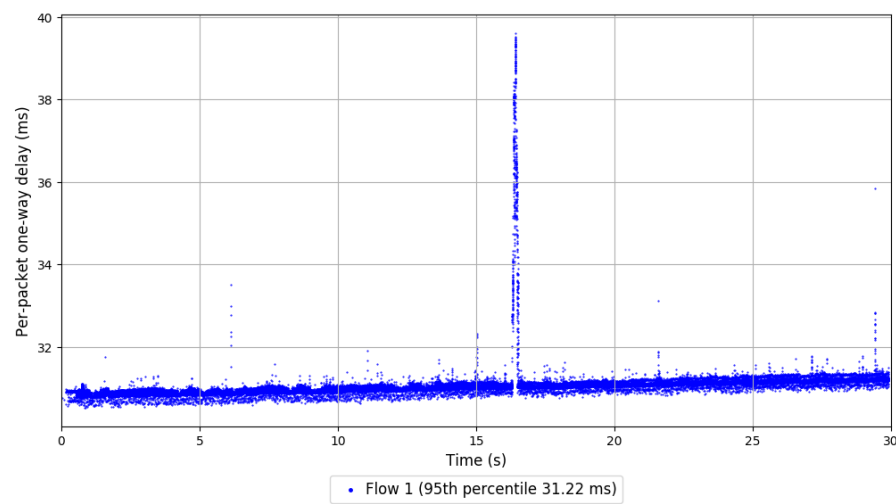
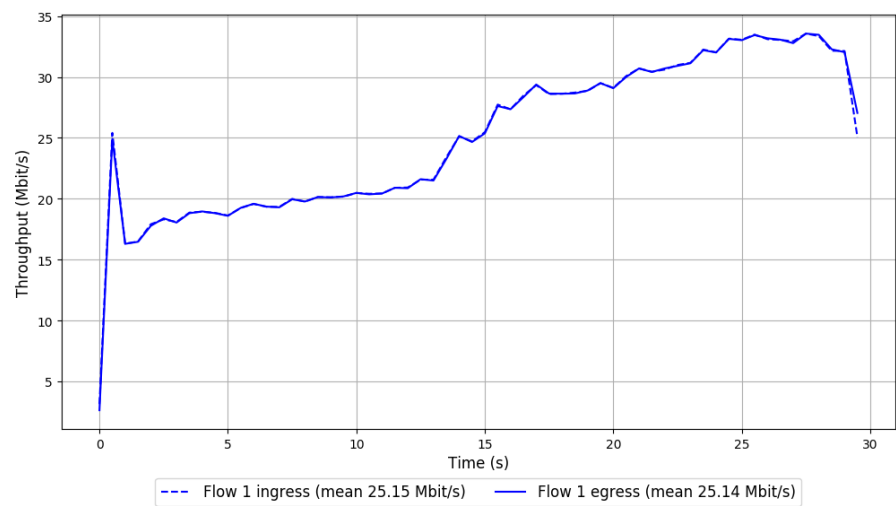


Run 2: Statistics of PCC

Start at: 2018-02-16 03:13:58
End at: 2018-02-16 03:14:28
Local clock offset: 0.776 ms
Remote clock offset: -2.495 ms

Below is generated by plot.py at 2018-02-16 07:41:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 25.14 Mbit/s
95th percentile per-packet one-way delay: 31.219 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 25.14 Mbit/s
95th percentile per-packet one-way delay: 31.219 ms
Loss rate: 0.00%

Run 2: Report of PCC — Data Link

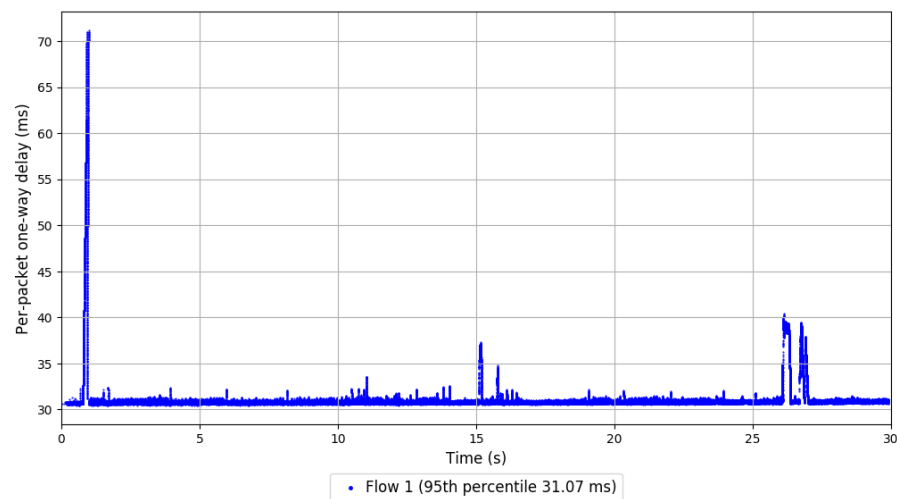
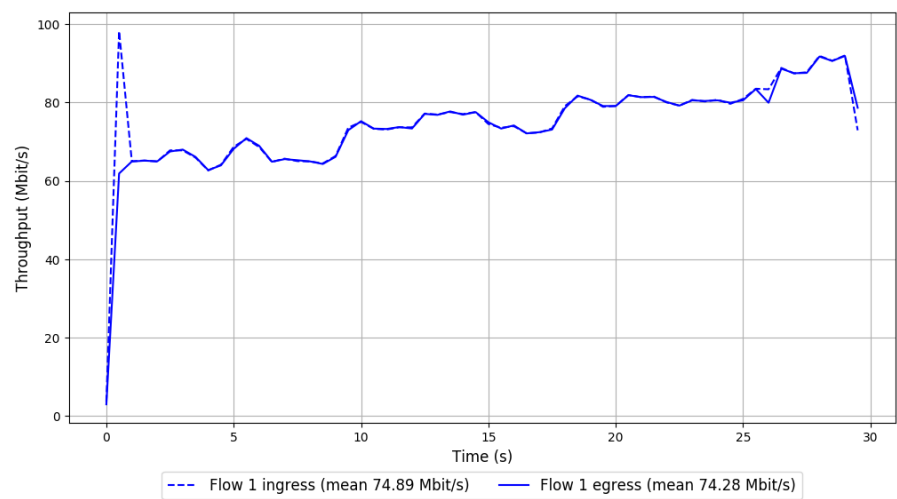


Run 3: Statistics of PCC

Start at: 2018-02-16 03:44:49
End at: 2018-02-16 03:45:19
Local clock offset: 0.714 ms
Remote clock offset: -12.799 ms

Below is generated by plot.py at 2018-02-16 07:41:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.28 Mbit/s
95th percentile per-packet one-way delay: 31.070 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 74.28 Mbit/s
95th percentile per-packet one-way delay: 31.070 ms
Loss rate: 0.82%

Run 3: Report of PCC — Data Link

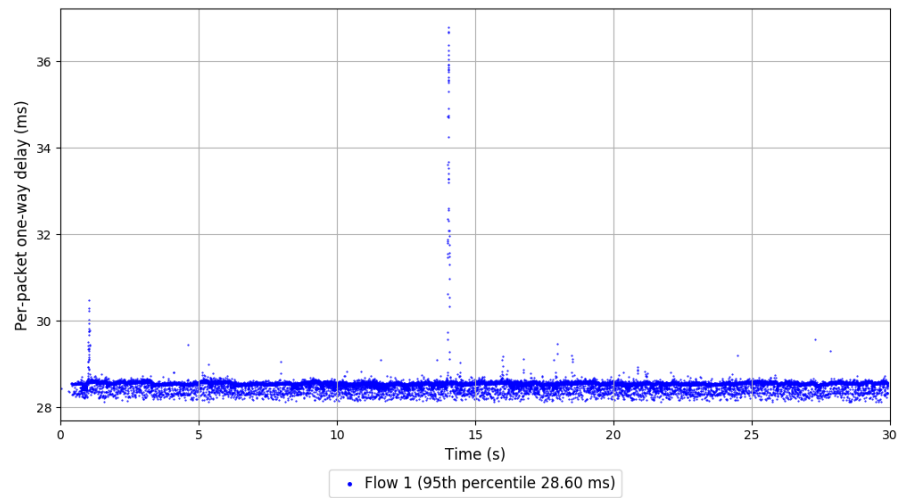
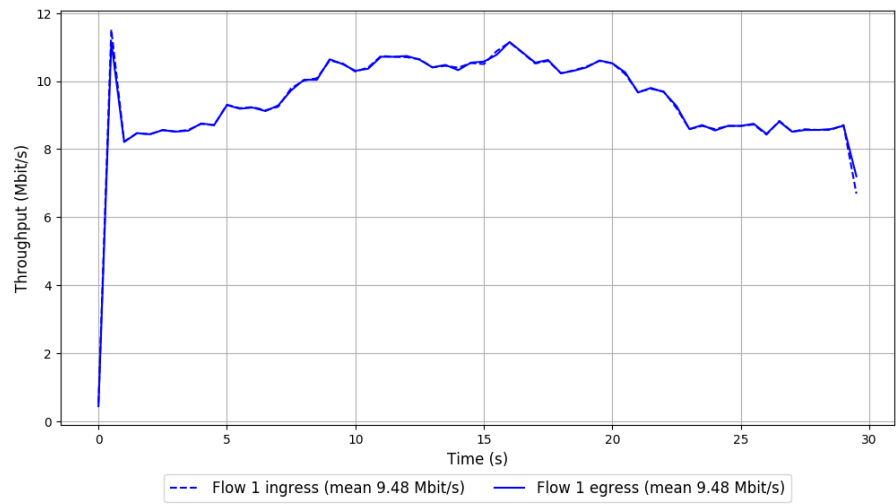


Run 4: Statistics of PCC

Start at: 2018-02-16 04:17:21
End at: 2018-02-16 04:17:51
Local clock offset: 0.624 ms
Remote clock offset: -3.595 ms

Below is generated by plot.py at 2018-02-16 07:41:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.48 Mbit/s
95th percentile per-packet one-way delay: 28.603 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.48 Mbit/s
95th percentile per-packet one-way delay: 28.603 ms
Loss rate: 0.00%

Run 4: Report of PCC — Data Link

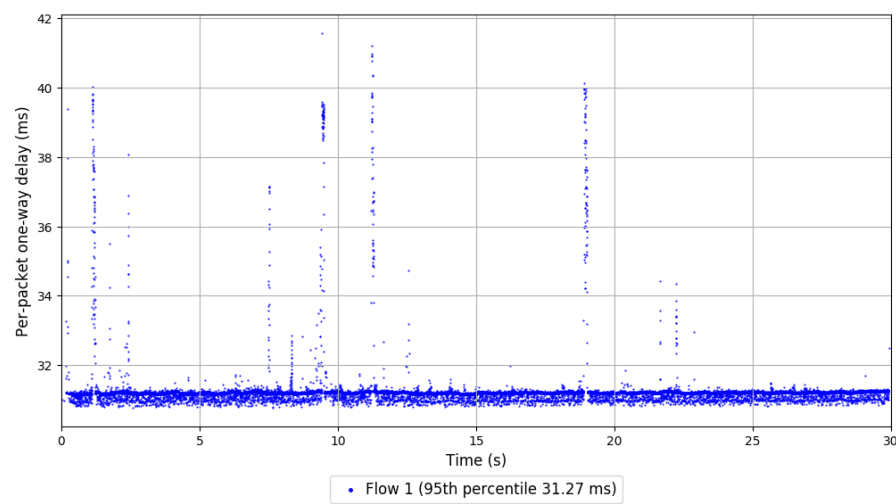
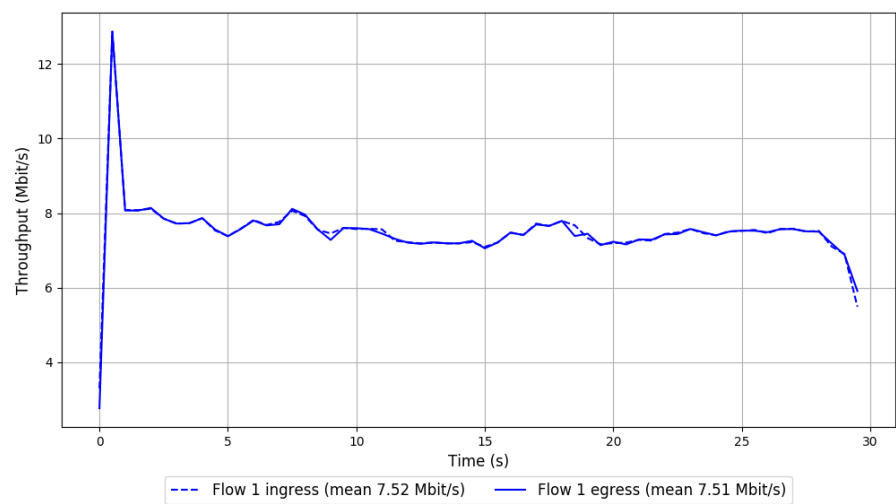


Run 5: Statistics of PCC

Start at: 2018-02-16 04:50:19
End at: 2018-02-16 04:50:49
Local clock offset: 2.675 ms
Remote clock offset: -9.709 ms

Below is generated by plot.py at 2018-02-16 07:41:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 7.51 Mbit/s
95th percentile per-packet one-way delay: 31.269 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 7.51 Mbit/s
95th percentile per-packet one-way delay: 31.269 ms
Loss rate: 0.12%

Run 5: Report of PCC — Data Link

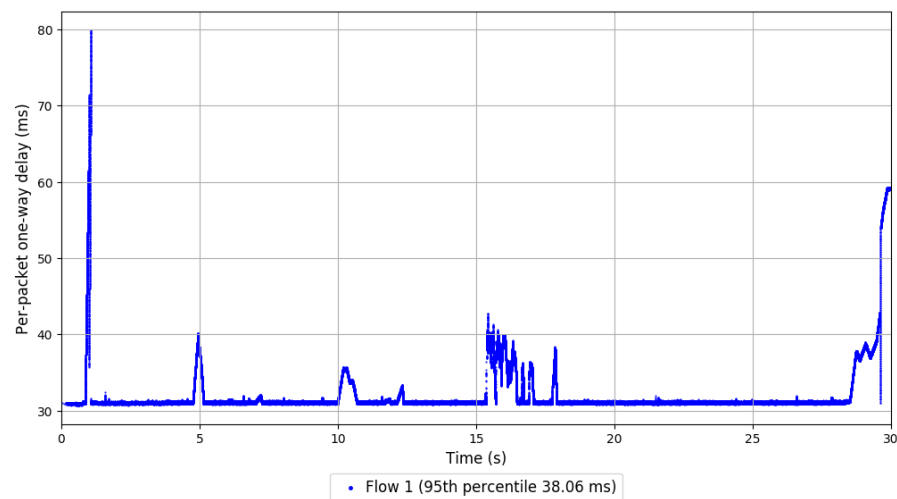
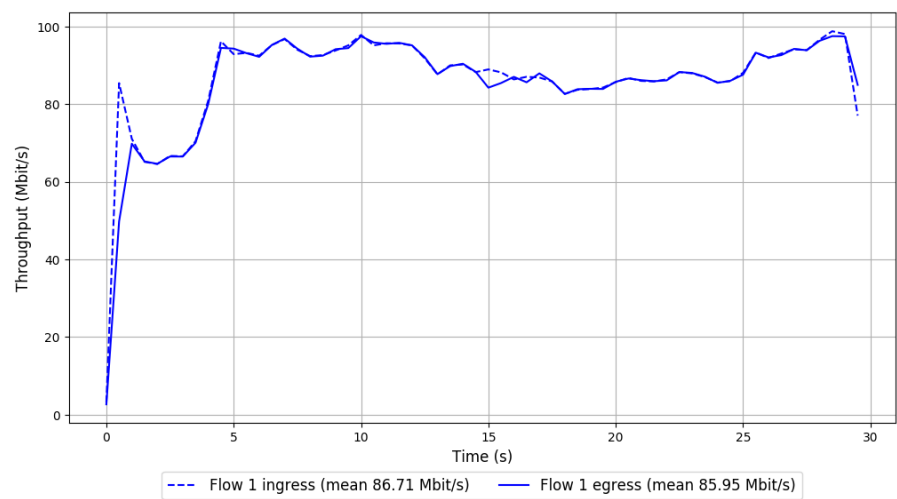


Run 6: Statistics of PCC

Start at: 2018-02-16 05:19:06
End at: 2018-02-16 05:19:36
Local clock offset: 4.128 ms
Remote clock offset: -6.904 ms

Below is generated by plot.py at 2018-02-16 07:42:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 85.95 Mbit/s
95th percentile per-packet one-way delay: 38.056 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 85.95 Mbit/s
95th percentile per-packet one-way delay: 38.056 ms
Loss rate: 0.79%

Run 6: Report of PCC — Data Link

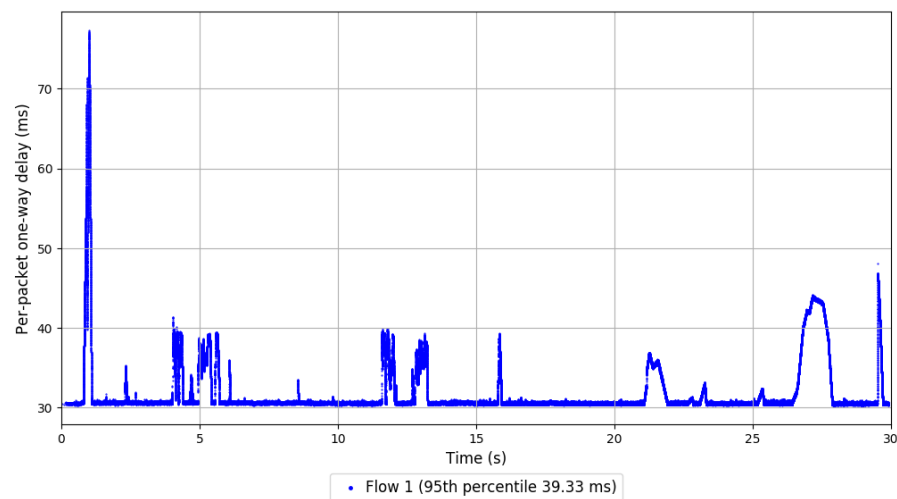
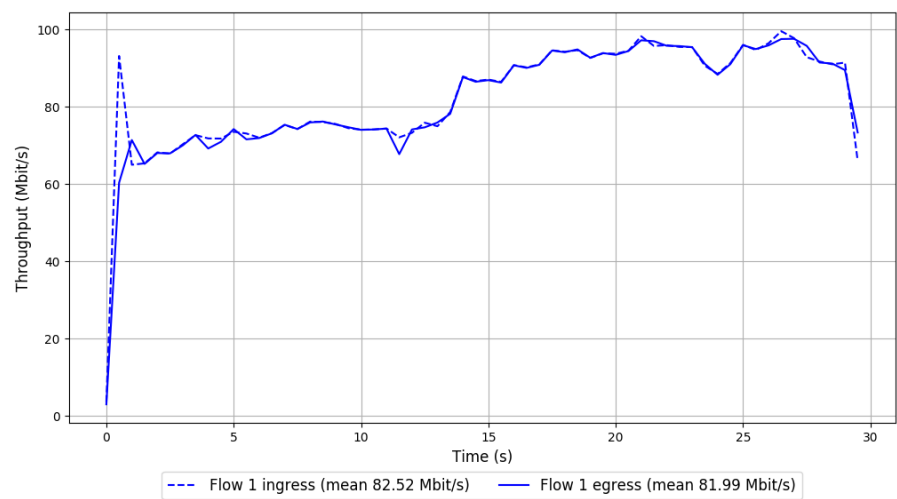


Run 7: Statistics of PCC

Start at: 2018-02-16 05:46:47
End at: 2018-02-16 05:47:17
Local clock offset: 4.112 ms
Remote clock offset: -2.478 ms

Below is generated by plot.py at 2018-02-16 07:42:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 81.99 Mbit/s
95th percentile per-packet one-way delay: 39.333 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 81.99 Mbit/s
95th percentile per-packet one-way delay: 39.333 ms
Loss rate: 0.64%

Run 7: Report of PCC — Data Link

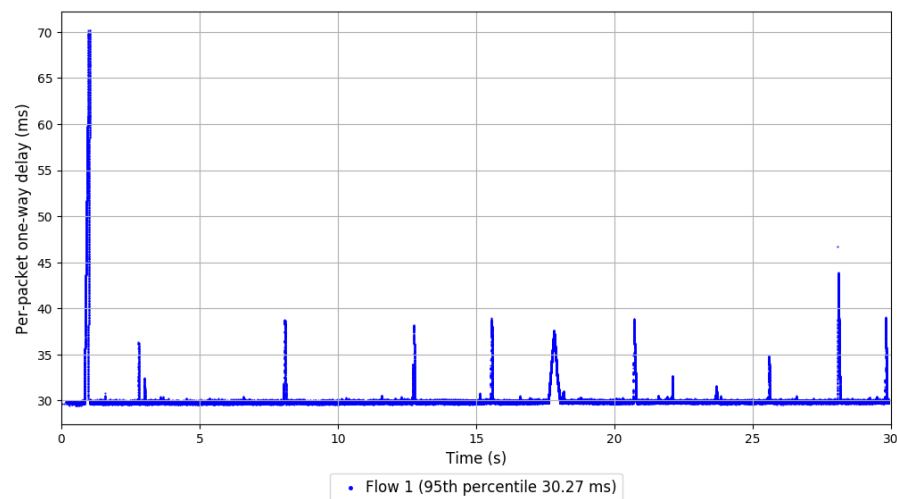
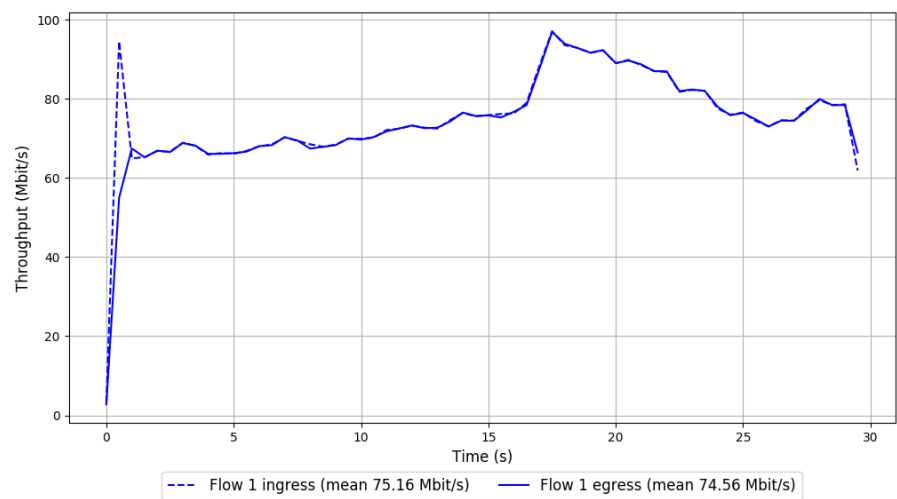


Run 8: Statistics of PCC

Start at: 2018-02-16 06:14:10
End at: 2018-02-16 06:14:40
Local clock offset: 2.214 ms
Remote clock offset: -4.288 ms

Below is generated by plot.py at 2018-02-16 07:42:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.56 Mbit/s
95th percentile per-packet one-way delay: 30.269 ms
Loss rate: 0.80%
-- Flow 1:
Average throughput: 74.56 Mbit/s
95th percentile per-packet one-way delay: 30.269 ms
Loss rate: 0.80%

Run 8: Report of PCC — Data Link



Run 9: Statistics of PCC

Start at: 2018-02-16 06:40:59

End at: 2018-02-16 06:41:29

Local clock offset: 2.55 ms

Remote clock offset: -3.96 ms

Below is generated by plot.py at 2018-02-16 07:42:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.09 Mbit/s

95th percentile per-packet one-way delay: 38.881 ms

Loss rate: 0.74%

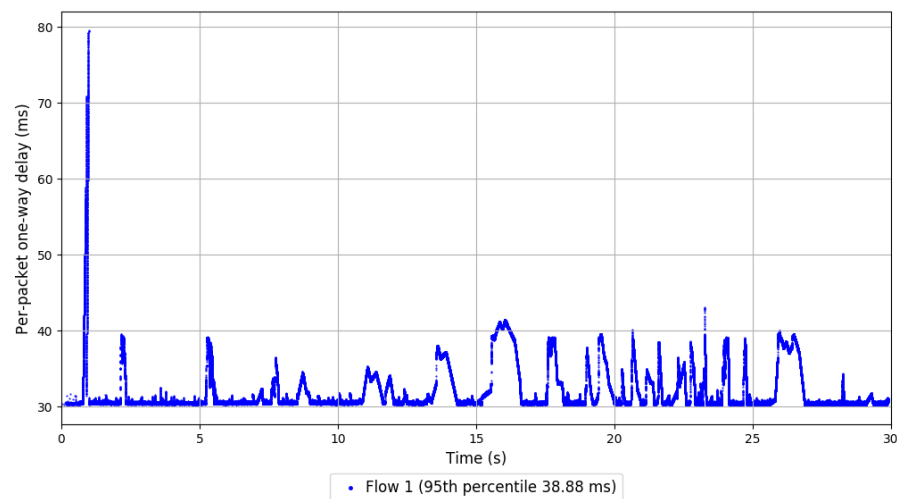
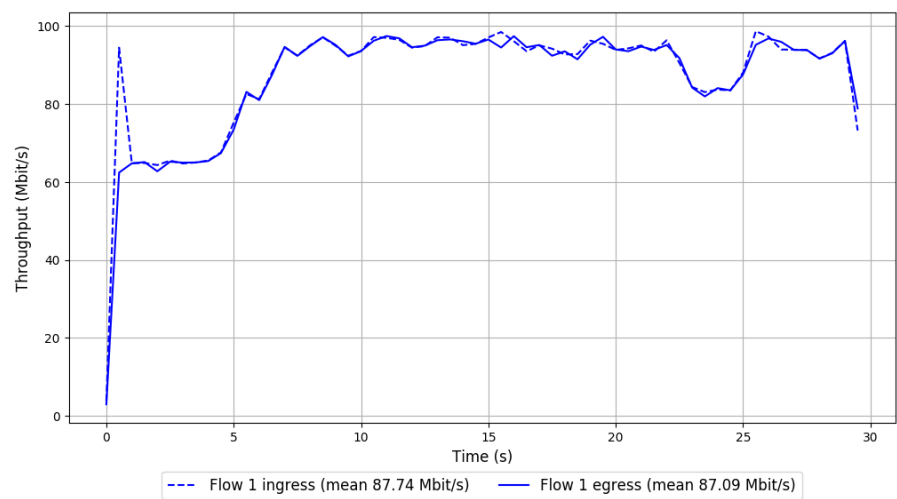
-- Flow 1:

Average throughput: 87.09 Mbit/s

95th percentile per-packet one-way delay: 38.881 ms

Loss rate: 0.74%

Run 9: Report of PCC — Data Link



Run 10: Statistics of PCC

Start at: 2018-02-16 07:09:06

End at: 2018-02-16 07:09:36

Local clock offset: 0.131 ms

Remote clock offset: 0.546 ms

Below is generated by plot.py at 2018-02-16 07:42:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 66.96 Mbit/s

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

Loss rate: 0.86%

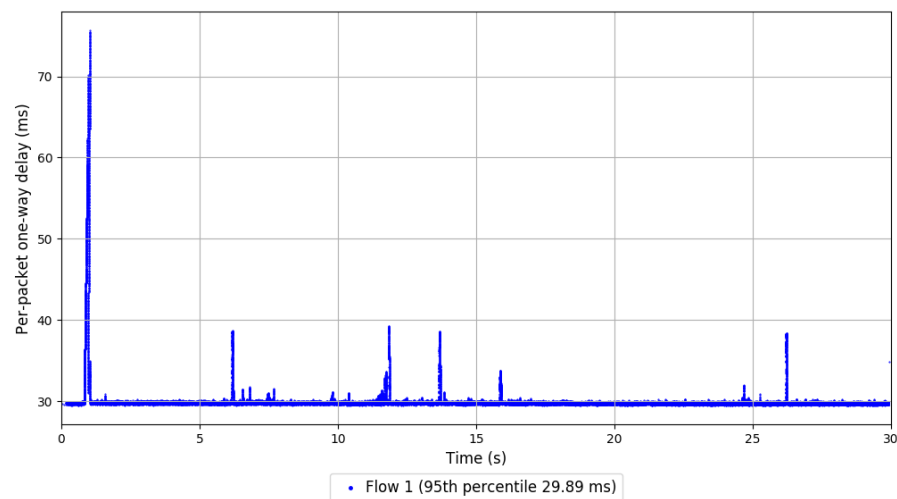
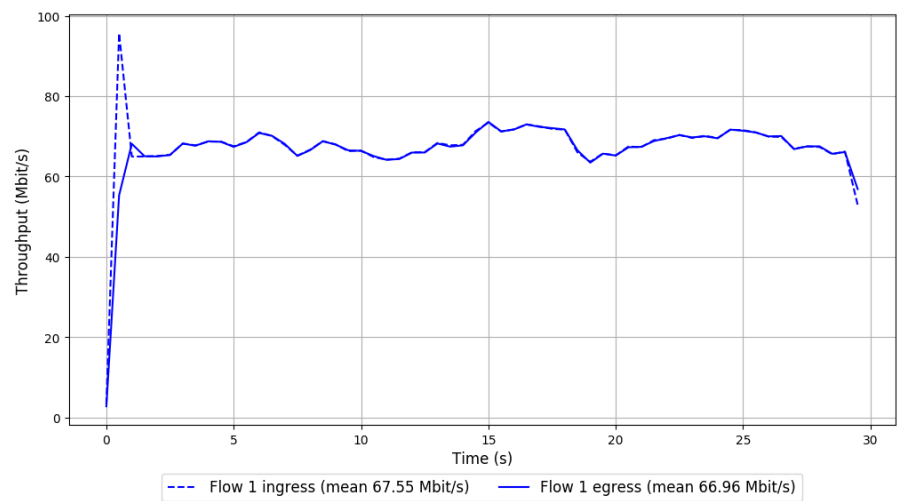
-- Flow 1:

Average throughput: 66.96 Mbit/s

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

Loss rate: 0.86%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

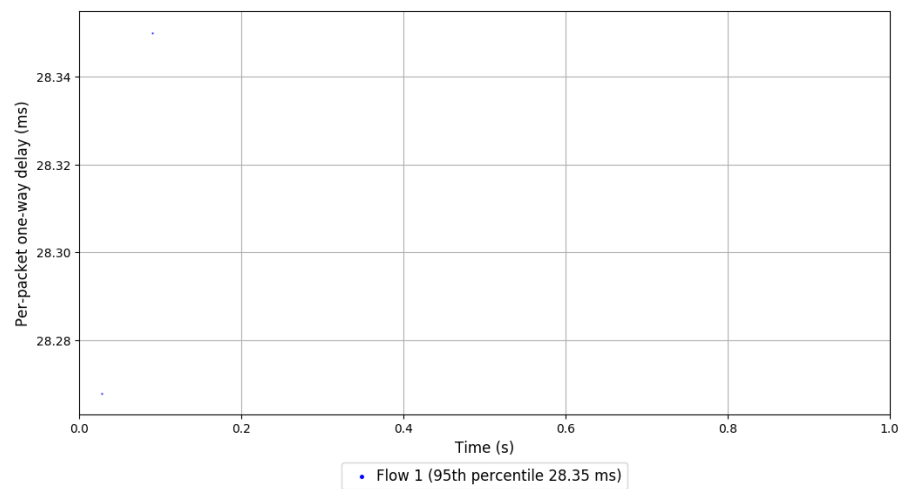
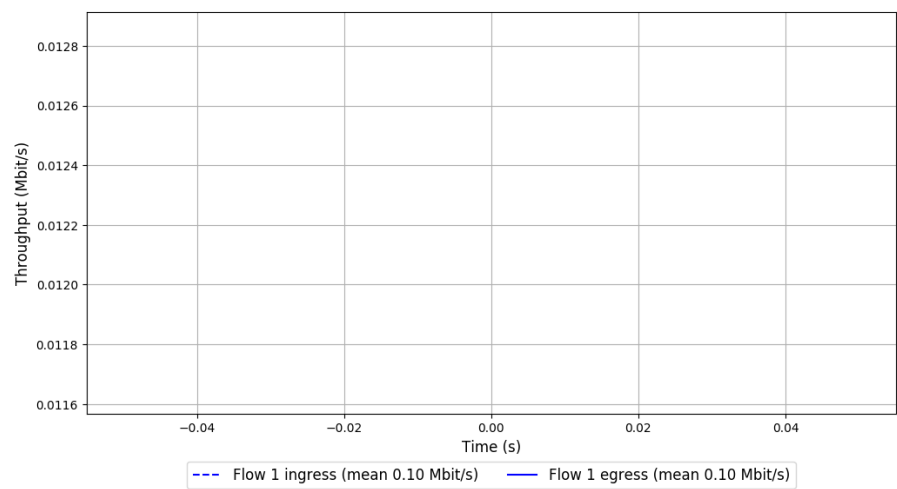
Start at: 2018-02-16 02:33:22

End at: 2018-02-16 02:33:52

Local clock offset: 1.12 ms

Remote clock offset: -8.518 ms

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2018-02-16 03:02:34

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

Local clock offset: 0.894 ms

Remote clock offset: -1.164 ms

Below is generated by plot.py at 2018-02-16 07:42:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.78 Mbit/s

95th percentile per-packet one-way delay: 66.877 ms

Loss rate: 1.02%

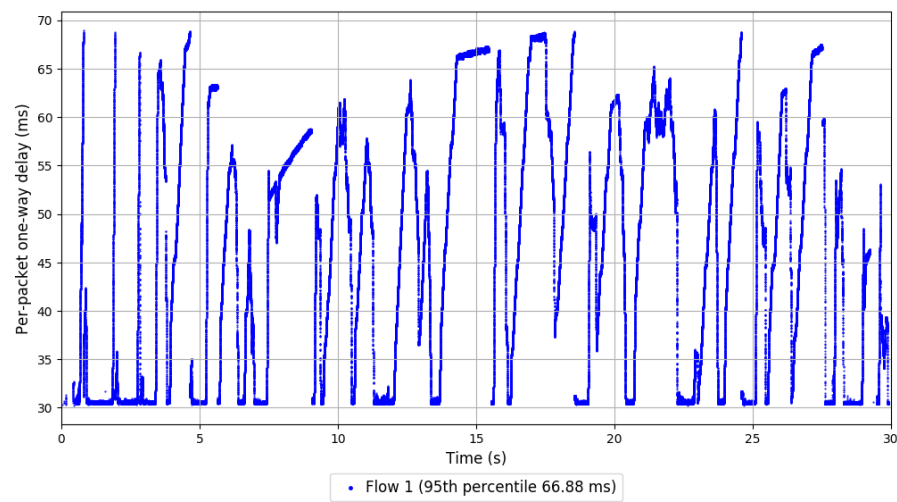
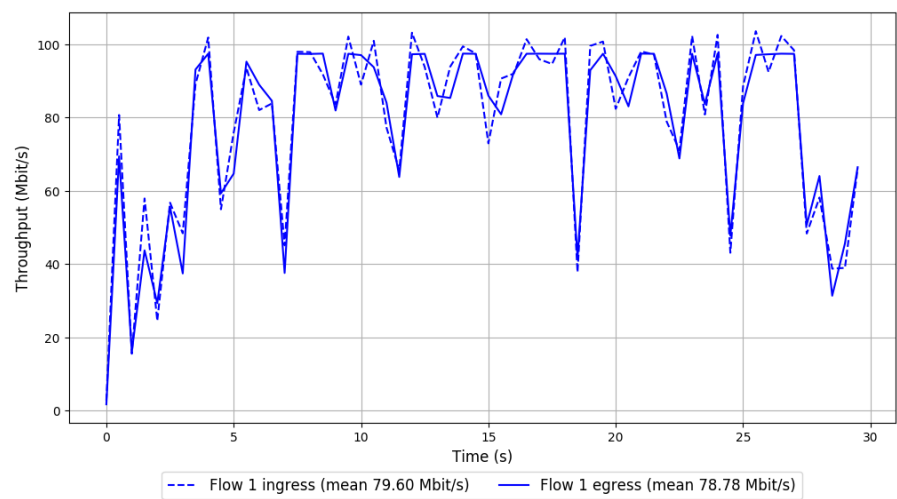
-- Flow 1:

Average throughput: 78.78 Mbit/s

95th percentile per-packet one-way delay: 66.877 ms

Loss rate: 1.02%

Run 2: Report of QUIC Cubic — Data Link

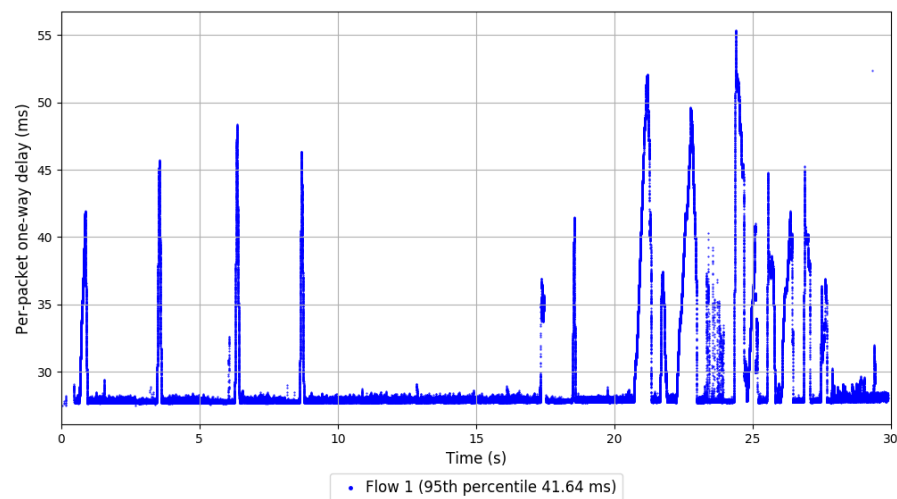
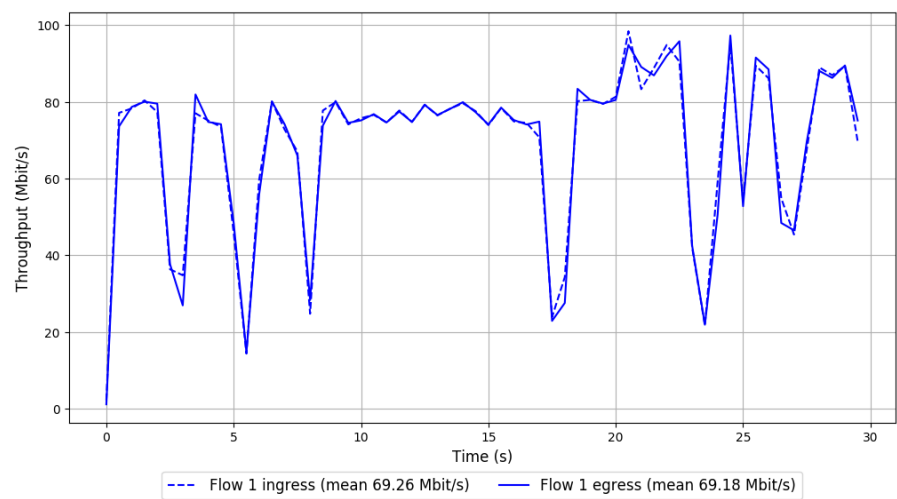


Run 3: Statistics of QUIC Cubic

Start at: 2018-02-16 03:32:31
End at: 2018-02-16 03:33:01
Local clock offset: 0.82 ms
Remote clock offset: -12.706 ms

Below is generated by plot.py at 2018-02-16 07:42:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 69.18 Mbit/s
95th percentile per-packet one-way delay: 41.640 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 69.18 Mbit/s
95th percentile per-packet one-way delay: 41.640 ms
Loss rate: 0.11%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2018-02-16 04:03:39

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

Local clock offset: 0.604 ms

Remote clock offset: -2.175 ms

Below is generated by plot.py at 2018-02-16 07:43:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.55 Mbit/s

95th percentile per-packet one-way delay: 54.467 ms

Loss rate: 0.05%

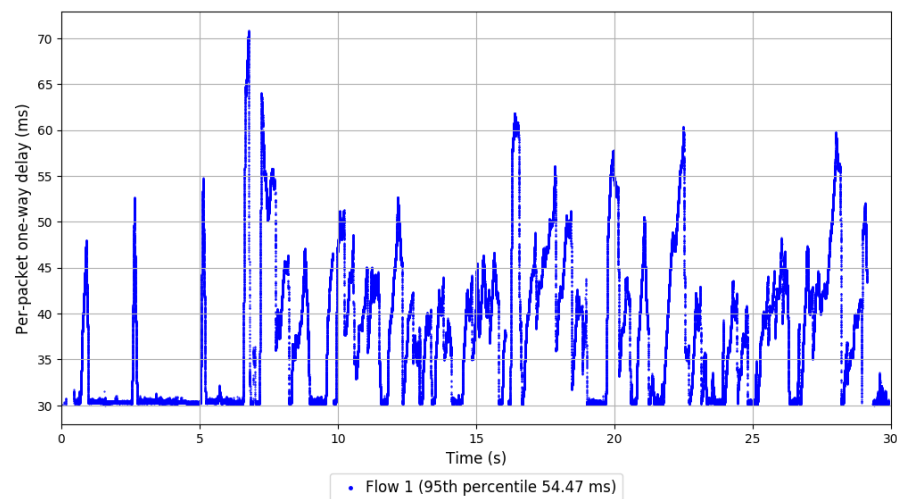
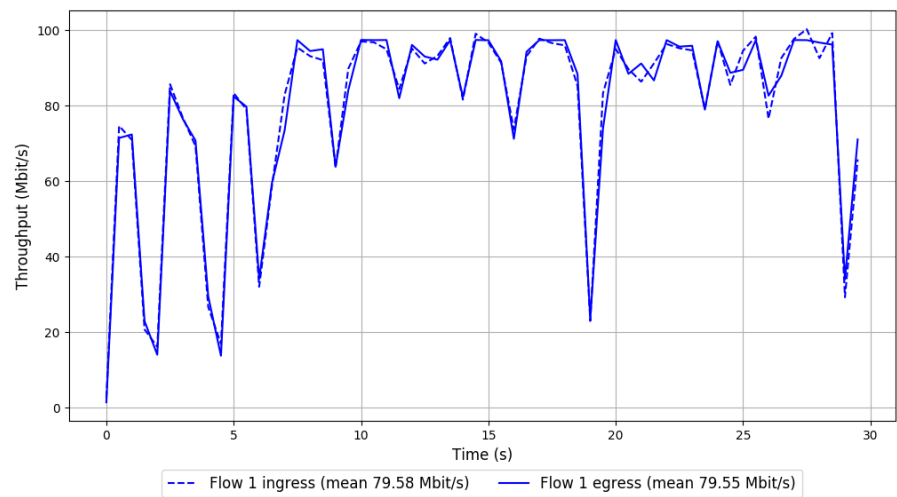
-- Flow 1:

Average throughput: 79.55 Mbit/s

95th percentile per-packet one-way delay: 54.467 ms

Loss rate: 0.05%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2018-02-16 04:36:58

End at: 2018-02-16 04:37:28

Local clock offset: 0.989 ms

Remote clock offset: -8.428 ms

Below is generated by plot.py at 2018-02-16 07:43:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.16 Mbit/s

95th percentile per-packet one-way delay: 45.112 ms

Loss rate: 0.03%

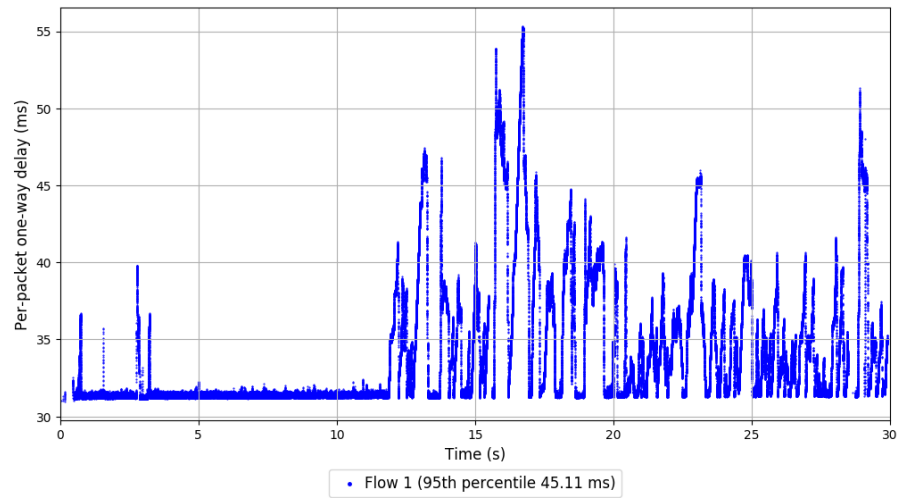
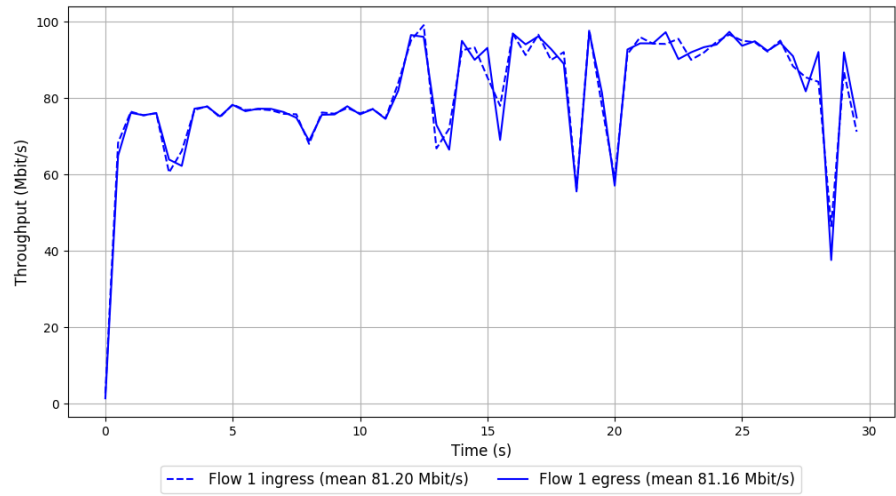
-- Flow 1:

Average throughput: 81.16 Mbit/s

95th percentile per-packet one-way delay: 45.112 ms

Loss rate: 0.03%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2018-02-16 05:06:38

End at: 2018-02-16 05:07:08

Local clock offset: 3.604 ms

Remote clock offset: -8.102 ms

Below is generated by plot.py at 2018-02-16 07:43:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 53.95 Mbit/s

95th percentile per-packet one-way delay: 32.597 ms

Loss rate: 0.25%

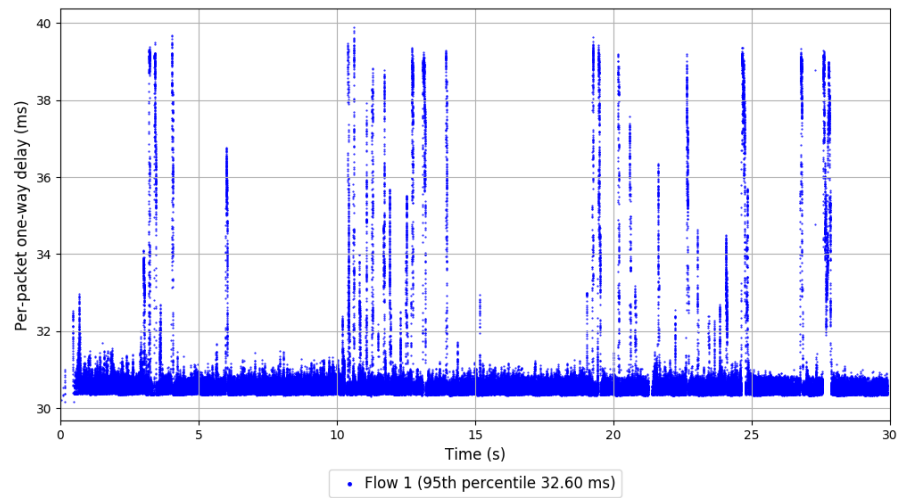
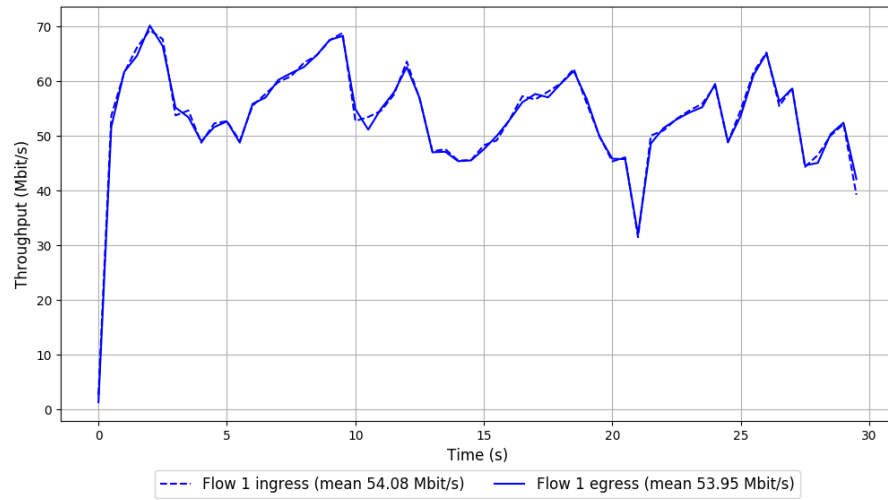
-- Flow 1:

Average throughput: 53.95 Mbit/s

95th percentile per-packet one-way delay: 32.597 ms

Loss rate: 0.25%

Run 6: Report of QUIC Cubic — Data Link

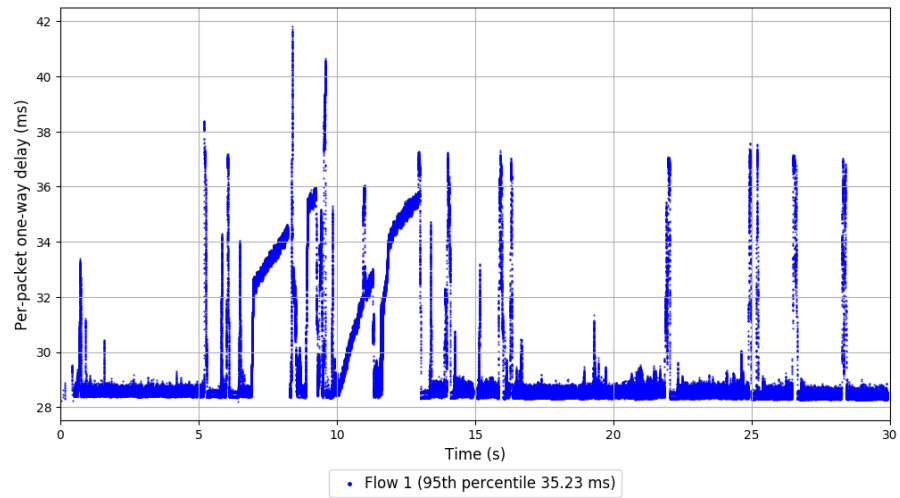
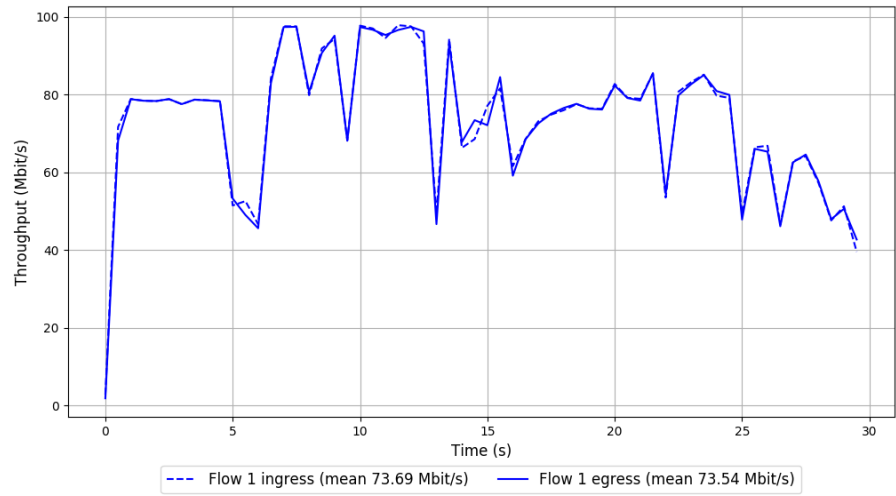


Run 7: Statistics of QUIC Cubic

Start at: 2018-02-16 05:36:30
End at: 2018-02-16 05:37:00
Local clock offset: 4.693 ms
Remote clock offset: -6.371 ms

Below is generated by plot.py at 2018-02-16 07:43:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 73.54 Mbit/s
95th percentile per-packet one-way delay: 35.235 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 73.54 Mbit/s
95th percentile per-packet one-way delay: 35.235 ms
Loss rate: 0.20%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2018-02-16 06:02:29

End at: 2018-02-16 06:02:59

Local clock offset: 2.578 ms

Remote clock offset: -1.35 ms

Below is generated by plot.py at 2018-02-16 07:43:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.30 Mbit/s

95th percentile per-packet one-way delay: 48.681 ms

Loss rate: 0.18%

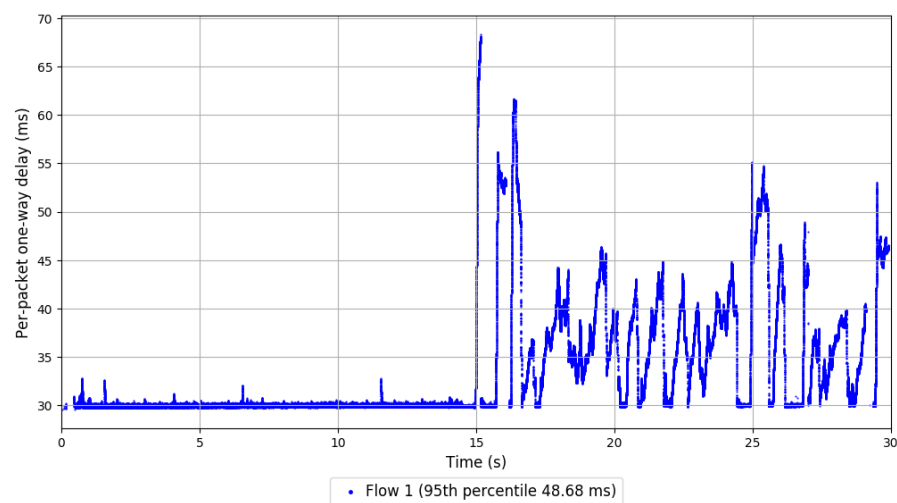
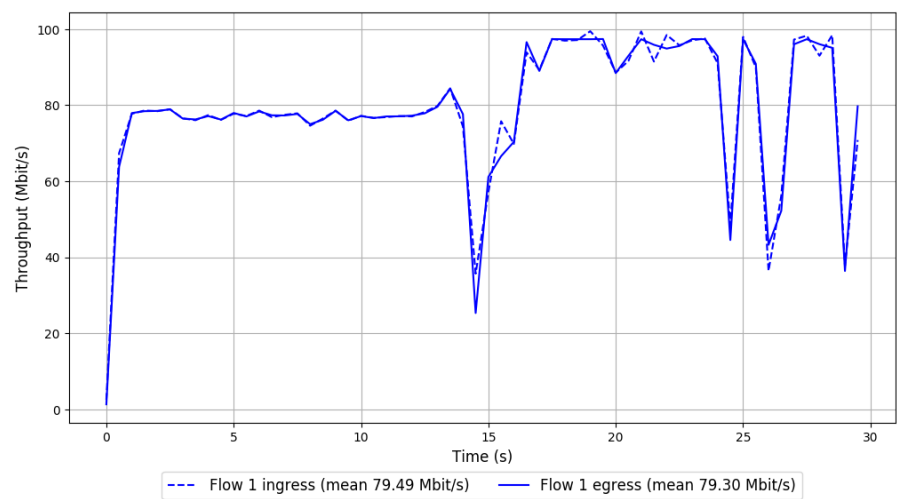
-- Flow 1:

Average throughput: 79.30 Mbit/s

95th percentile per-packet one-way delay: 48.681 ms

Loss rate: 0.18%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2018-02-16 06:30:57

End at: 2018-02-16 06:31:27

Local clock offset: 2.472 ms

Remote clock offset: -5.559 ms

Below is generated by plot.py at 2018-02-16 07:43:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 63.20 Mbit/s

95th percentile per-packet one-way delay: 32.322 ms

Loss rate: 0.28%

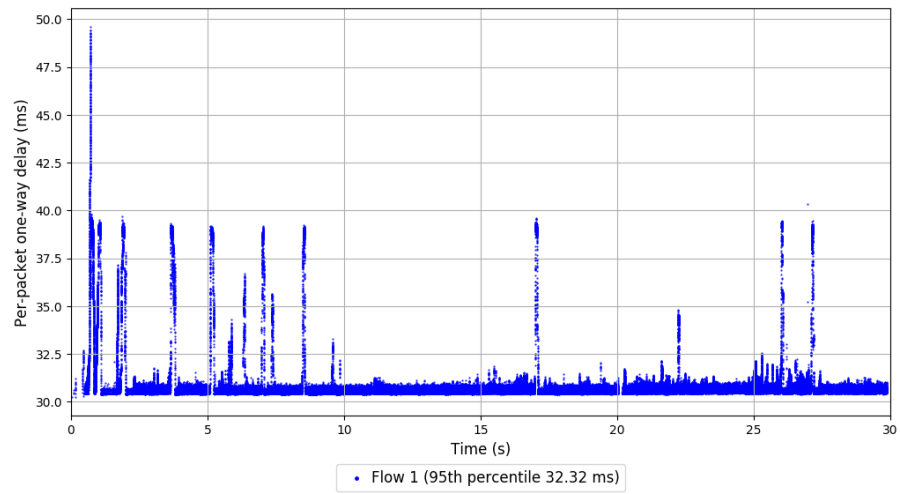
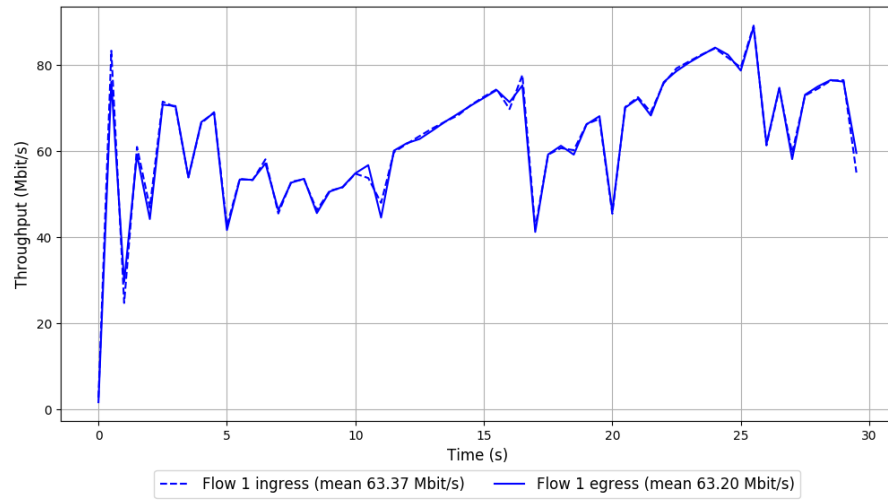
-- Flow 1:

Average throughput: 63.20 Mbit/s

95th percentile per-packet one-way delay: 32.322 ms

Loss rate: 0.28%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-02-16 06:57:34

End at: 2018-02-16 06:58:04

Local clock offset: 1.345 ms

Remote clock offset: -0.309 ms

Below is generated by plot.py at 2018-02-16 07:43:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 60.33 Mbit/s

95th percentile per-packet one-way delay: 30.531 ms

Loss rate: 0.05%

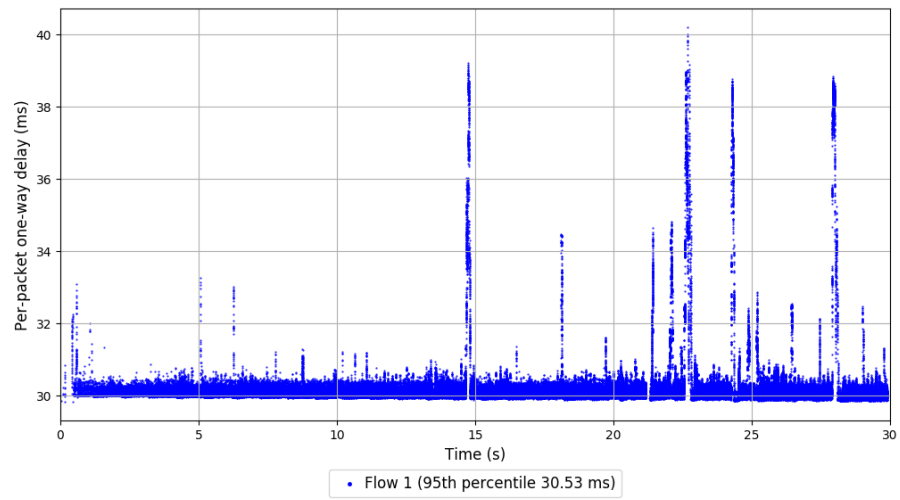
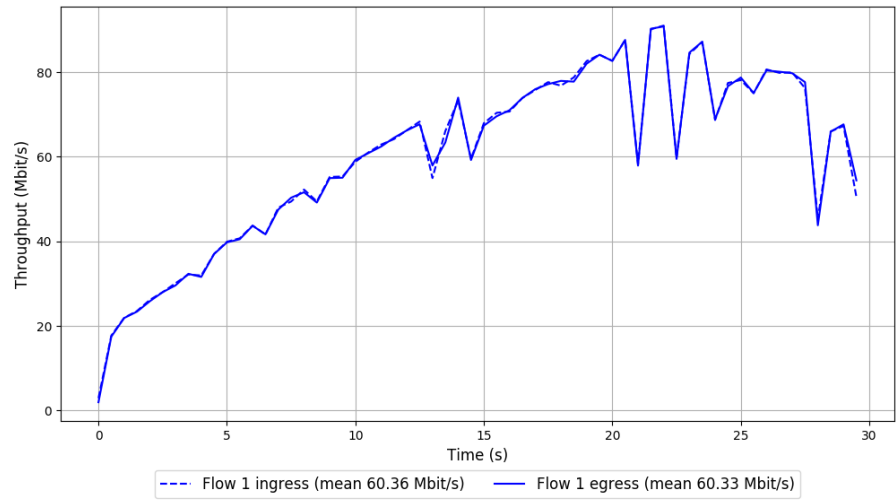
-- Flow 1:

Average throughput: 60.33 Mbit/s

95th percentile per-packet one-way delay: 30.531 ms

Loss rate: 0.05%

Run 10: Report of QUIC Cubic — Data Link

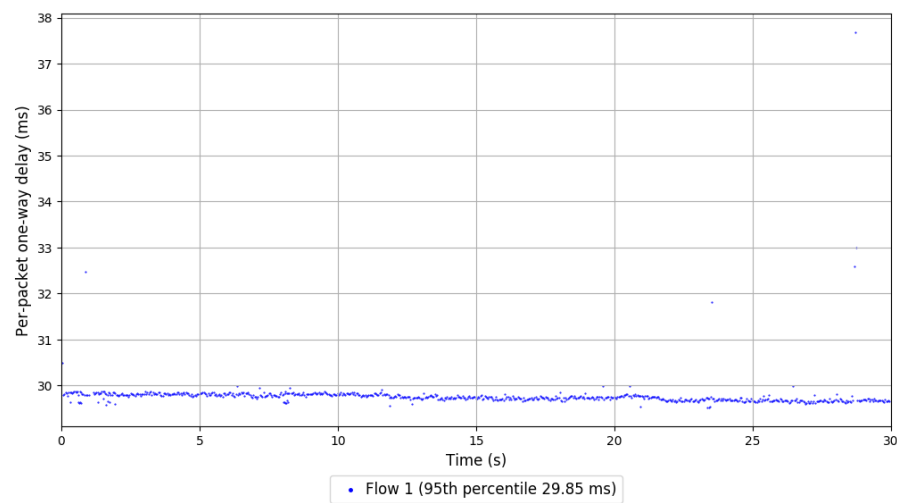
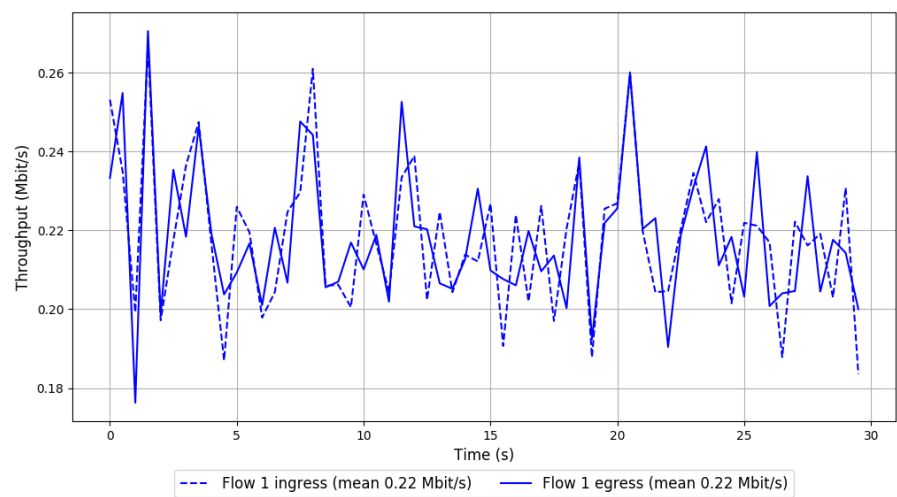


```
Run 1: Statistics of SCReAM

Start at: 2018-02-16 02:39:24
End at: 2018-02-16 02:39:54
Local clock offset: 1.27 ms
Remote clock offset: -5.619 ms

# Below is generated by plot.py at 2018-02-16 07:43:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 29.853 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 29.853 ms
Loss rate: 0.00%
```

Run 1: Report of SReAM — Data Link

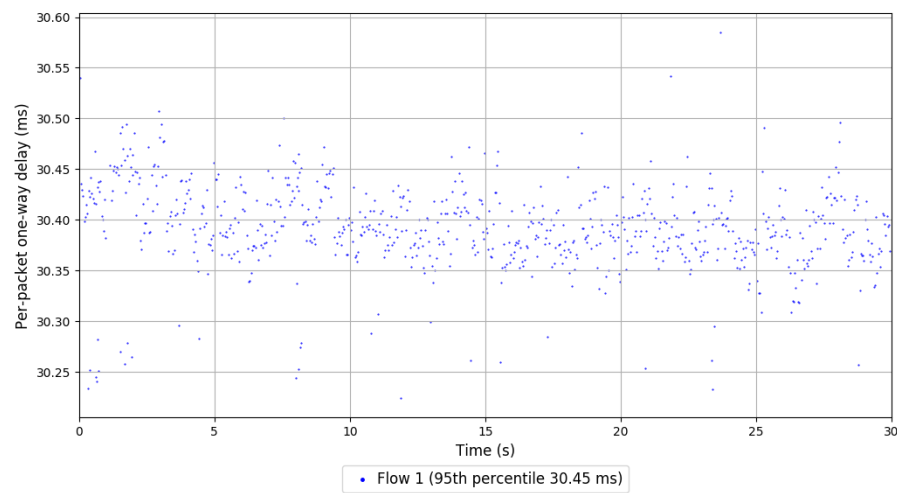
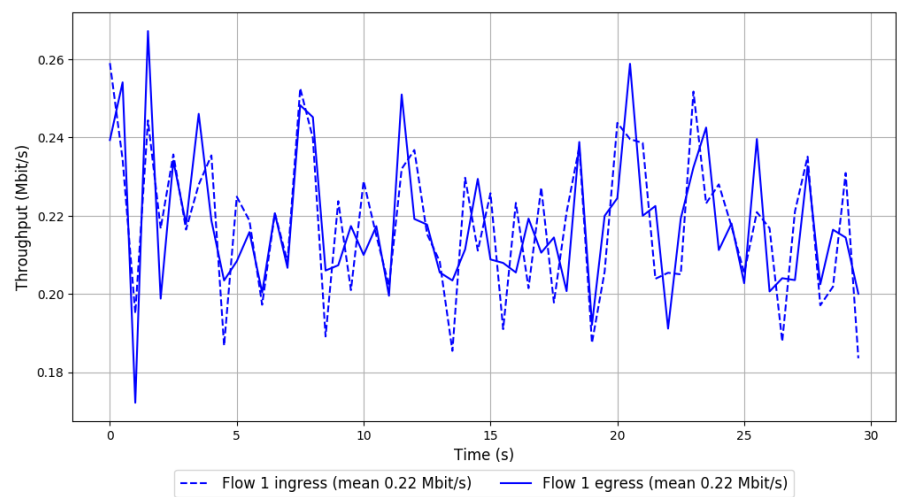


Run 2: Statistics of SCReAM

Start at: 2018-02-16 03:09:07
End at: 2018-02-16 03:09:37
Local clock offset: 0.886 ms
Remote clock offset: -0.592 ms

Below is generated by plot.py at 2018-02-16 07:43:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.454 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.454 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

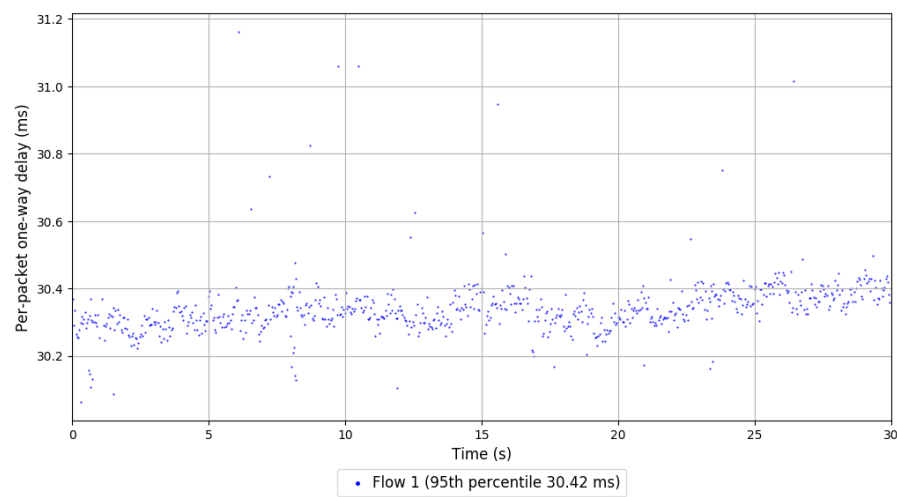
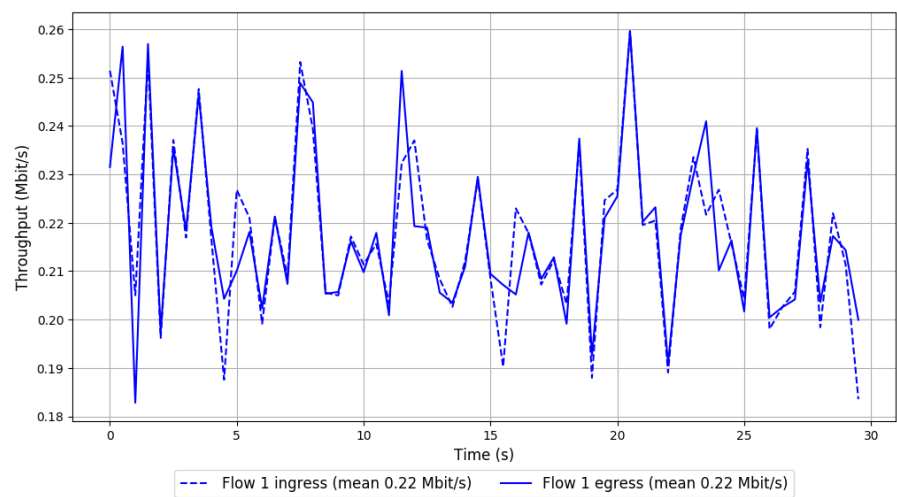


Run 3: Statistics of SCReAM

Start at: 2018-02-16 03:39:20
End at: 2018-02-16 03:39:51
Local clock offset: 0.725 ms
Remote clock offset: -11.579 ms

Below is generated by plot.py at 2018-02-16 07:43:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.424 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.424 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

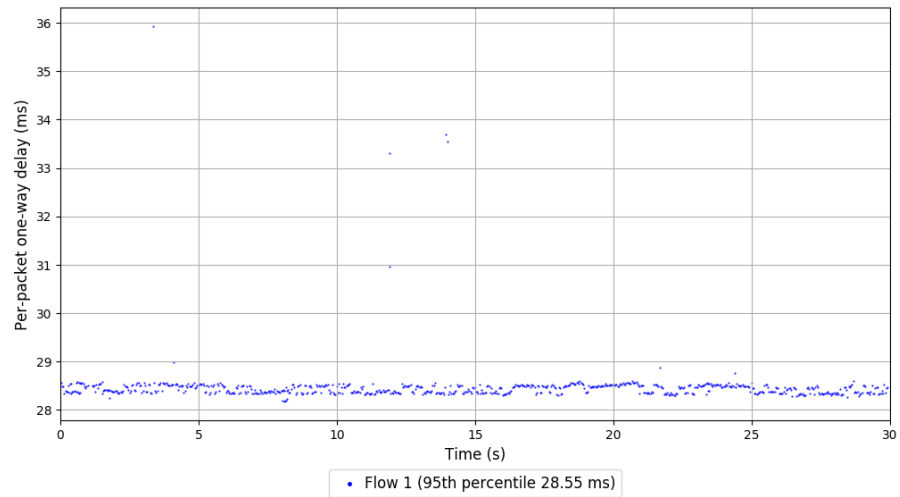
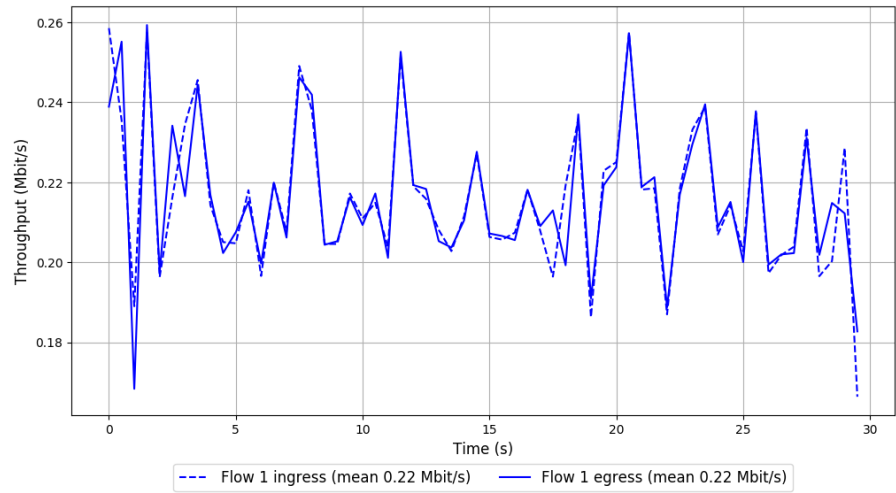


Run 4: Statistics of SCReAM

Start at: 2018-02-16 04:11:30
End at: 2018-02-16 04:12:00
Local clock offset: 0.699 ms
Remote clock offset: -3.753 ms

Below is generated by plot.py at 2018-02-16 07:43:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 28.550 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 28.550 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

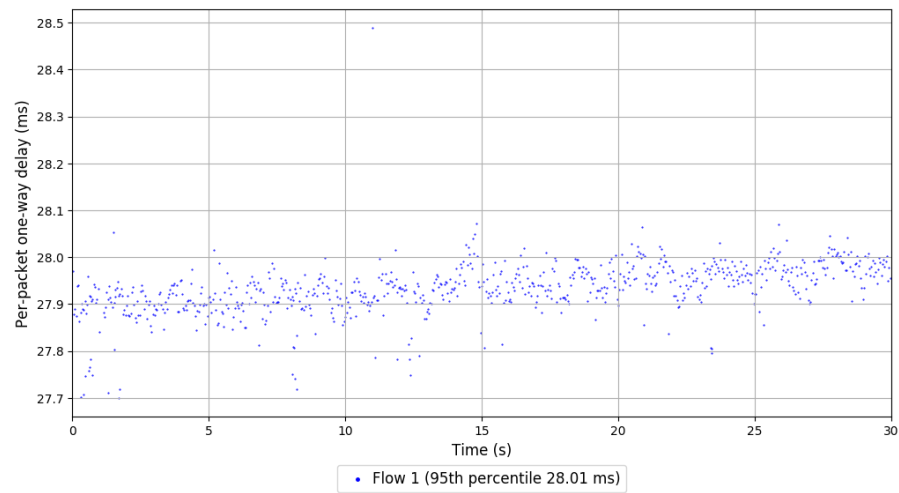
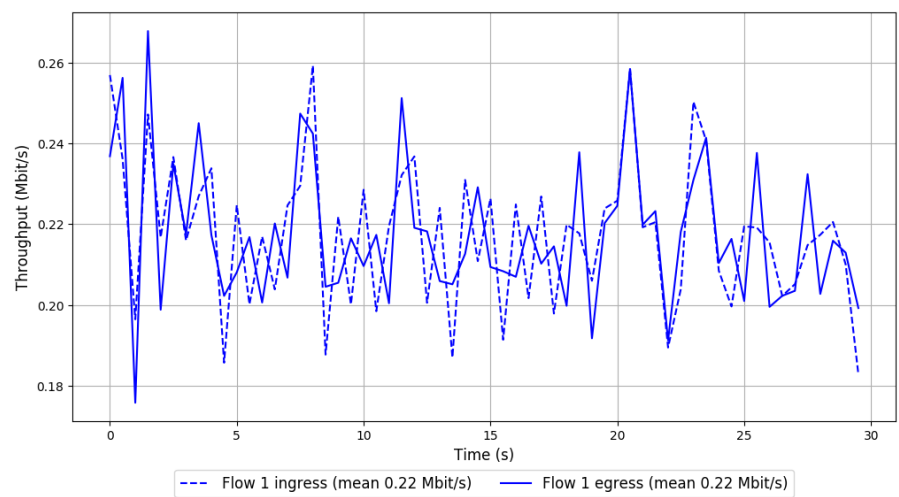


Run 5: Statistics of SCReAM

Start at: 2018-02-16 04:44:19
End at: 2018-02-16 04:44:49
Local clock offset: 2.232 ms
Remote clock offset: -11.793 ms

Below is generated by plot.py at 2018-02-16 07:43:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 28.006 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 28.006 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

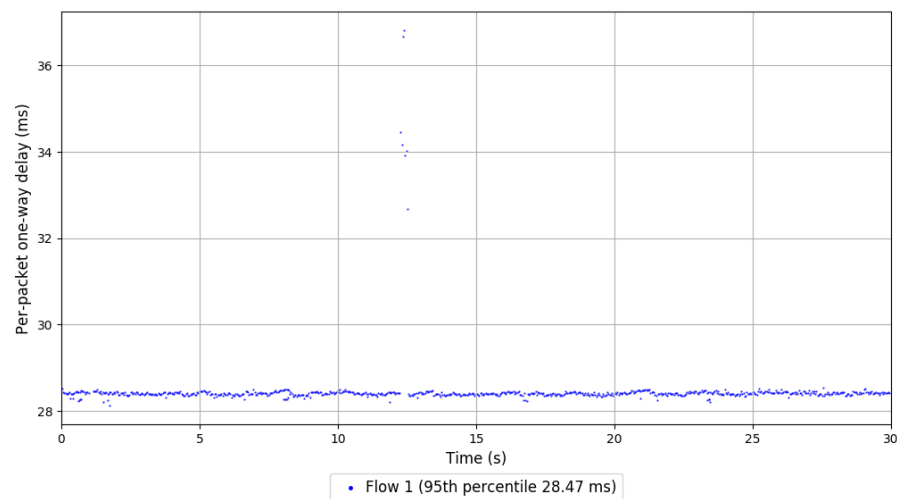
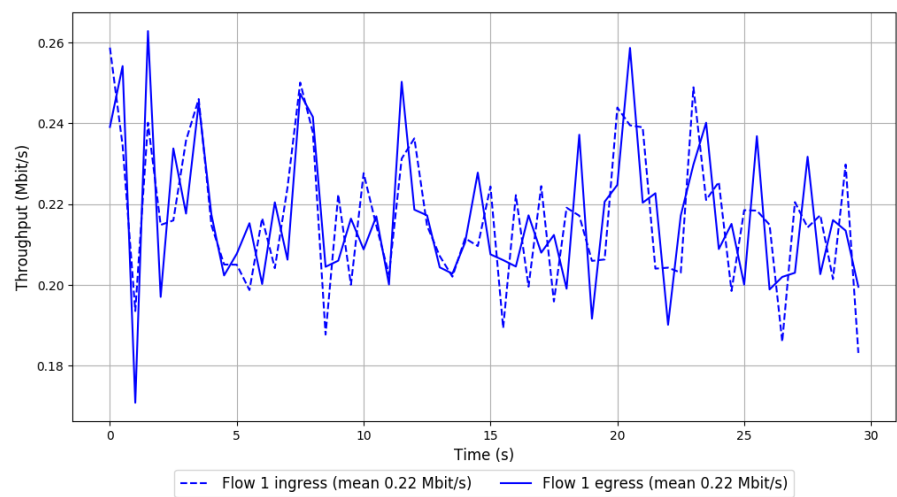


Run 6: Statistics of SCReAM

Start at: 2018-02-16 05:13:34
End at: 2018-02-16 05:14:04
Local clock offset: 3.926 ms
Remote clock offset: -9.719 ms

Below is generated by plot.py at 2018-02-16 07:43:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 28.474 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 28.474 ms
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

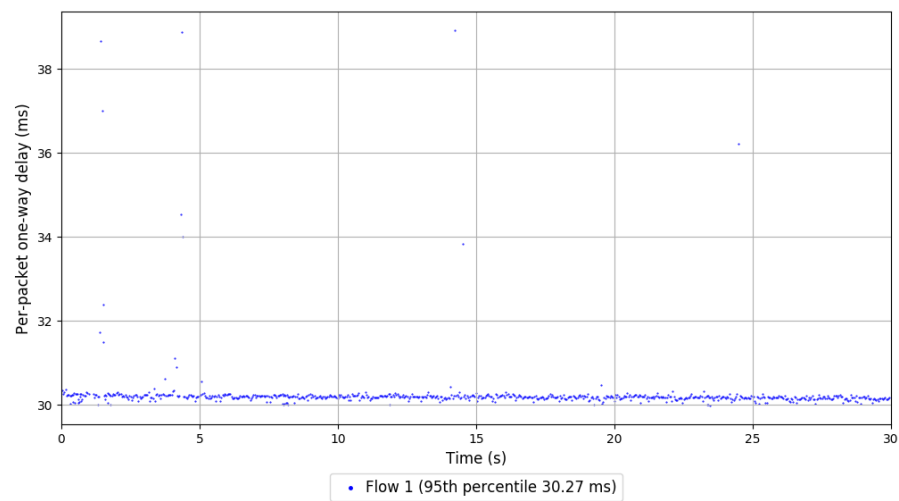
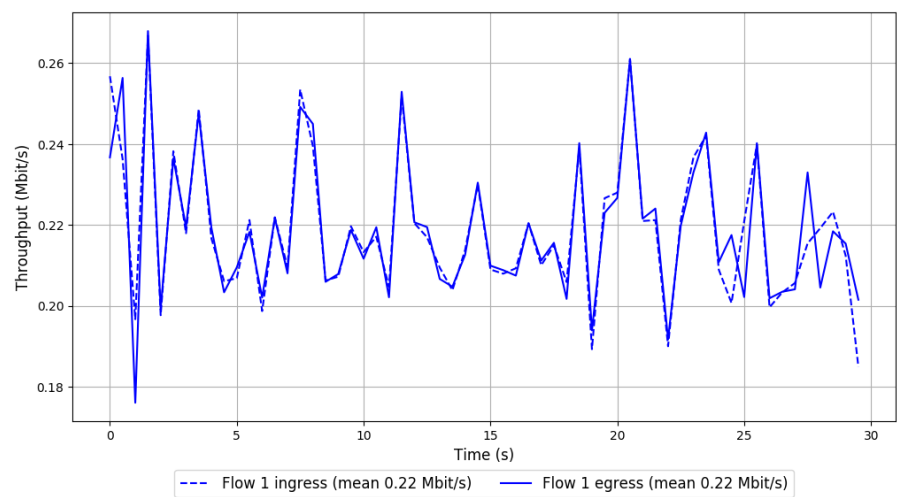


Run 7: Statistics of SReAM

Start at: 2018-02-16 05:42:22
End at: 2018-02-16 05:42:52
Local clock offset: 4.99 ms
Remote clock offset: -2.777 ms

Below is generated by plot.py at 2018-02-16 07:43:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.275 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.275 ms
Loss rate: 0.00%

Run 7: Report of SReAM — Data Link



Run 8: Statistics of SCReAM

Start at: 2018-02-16 06:09:07

End at: 2018-02-16 06:09:37

Local clock offset: 2.251 ms

Remote clock offset: -3.33 ms

Below is generated by plot.py at 2018-02-16 07:43:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 30.793 ms

Loss rate: 0.00%

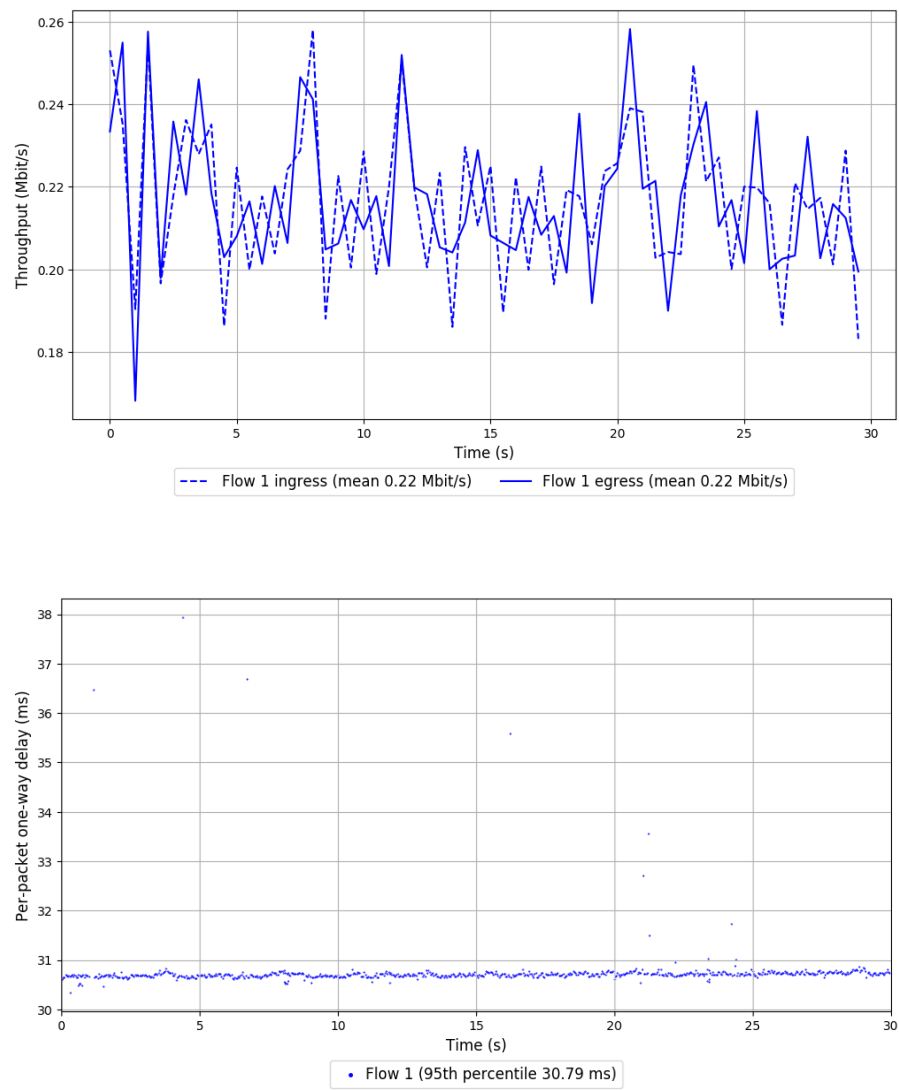
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 30.793 ms

Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

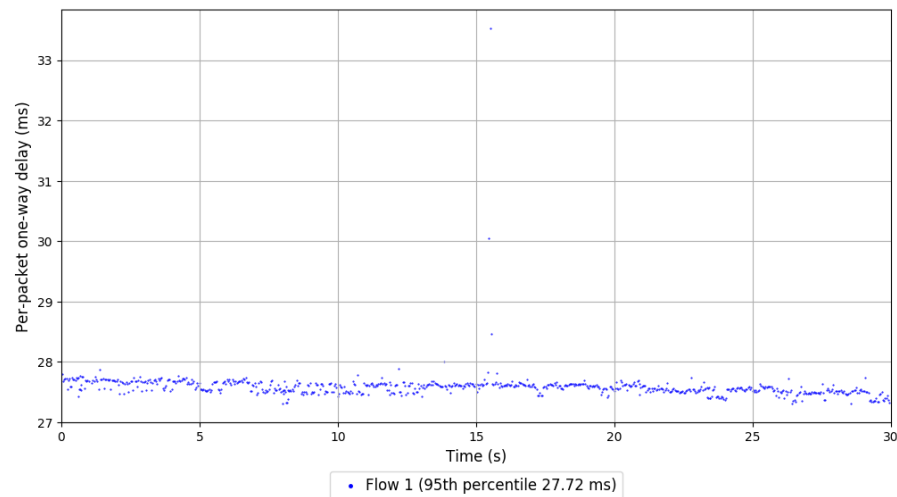
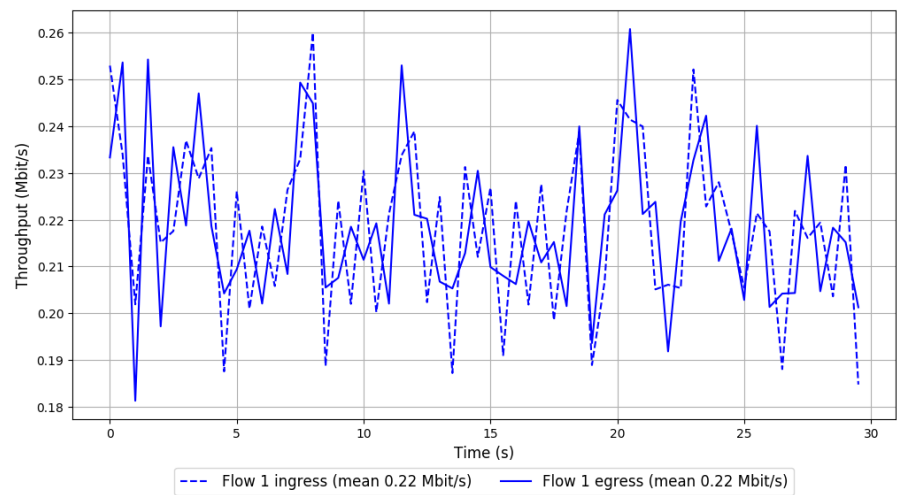


Run 9: Statistics of SCReAM

Start at: 2018-02-16 06:36:39
End at: 2018-02-16 06:37:09
Local clock offset: 2.54 ms
Remote clock offset: -7.617 ms

Below is generated by plot.py at 2018-02-16 07:43:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 27.716 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 27.716 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SReAM

Start at: 2018-02-16 07:03:45

End at: 2018-02-16 07:04:15

Local clock offset: 0.498 ms

Remote clock offset: 0.413 ms

Below is generated by plot.py at 2018-02-16 07:43:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 30.304 ms

Loss rate: 0.00%

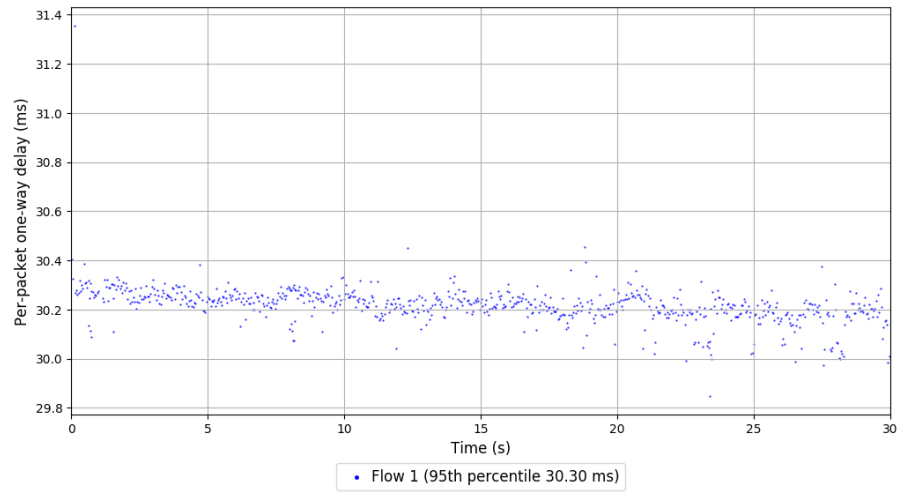
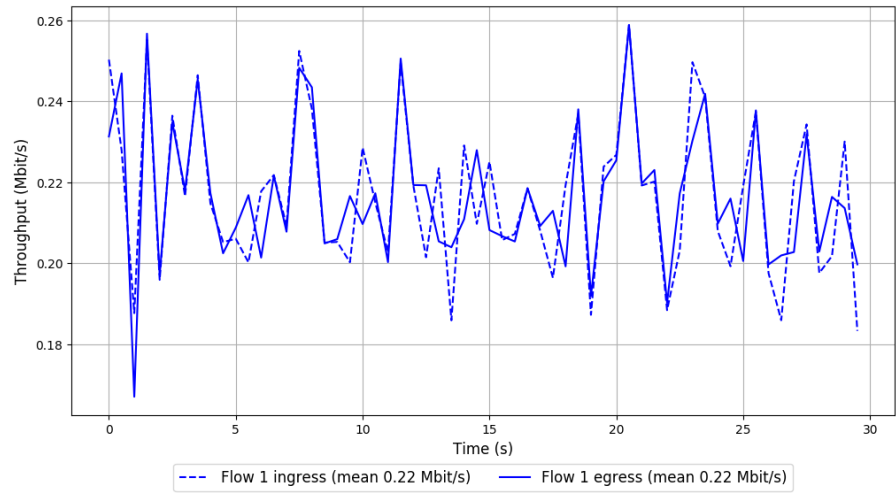
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 30.304 ms

Loss rate: 0.00%

Run 10: Report of SCReAM — Data Link

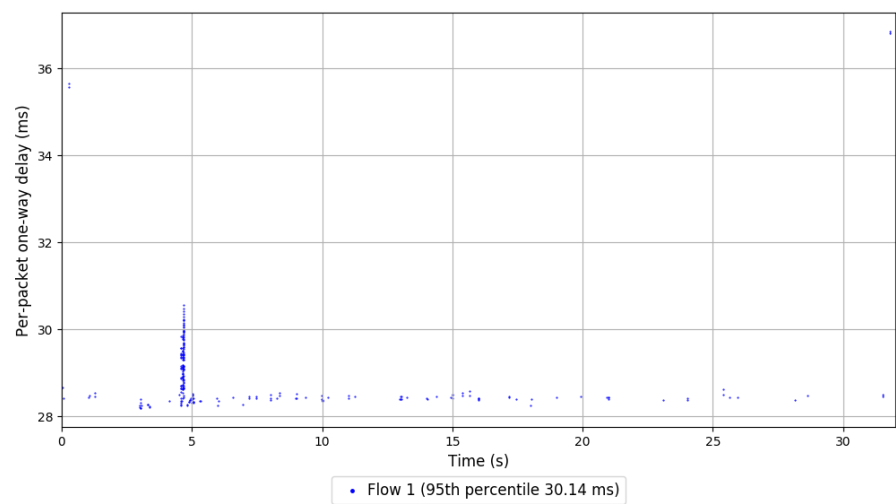
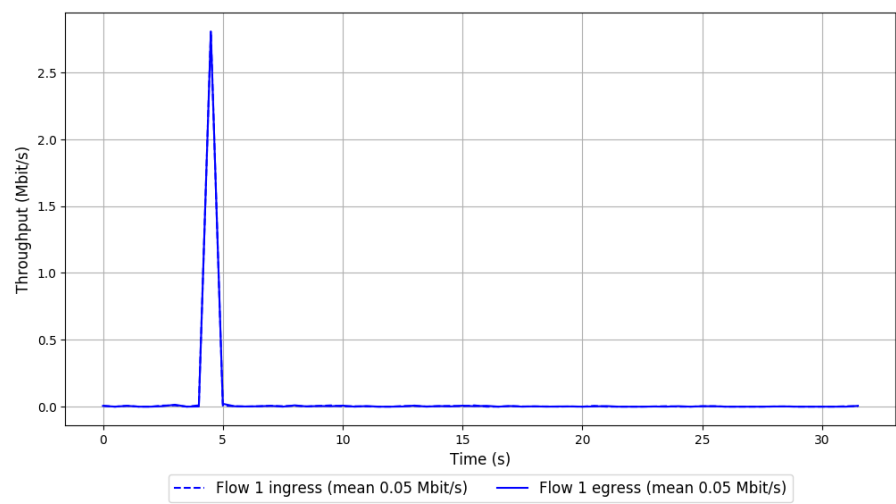


```
Run 1: Statistics of WebRTC media

Start at: 2018-02-16 02:28:01
End at: 2018-02-16 02:28:31
Local clock offset: 0.838 ms
Remote clock offset: -8.585 ms

# Below is generated by plot.py at 2018-02-16 07:43:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 30.145 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 30.145 ms
Loss rate: 0.00%
```

Run 1: Report of WebRTC media — Data Link

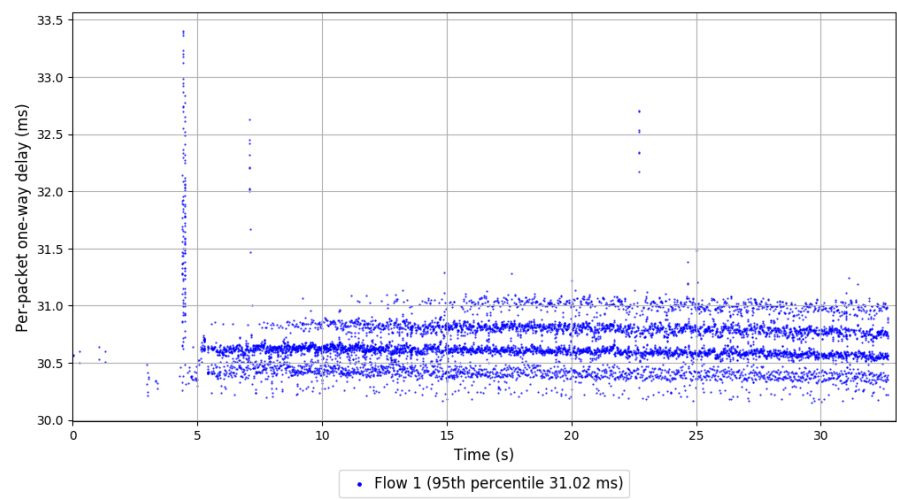
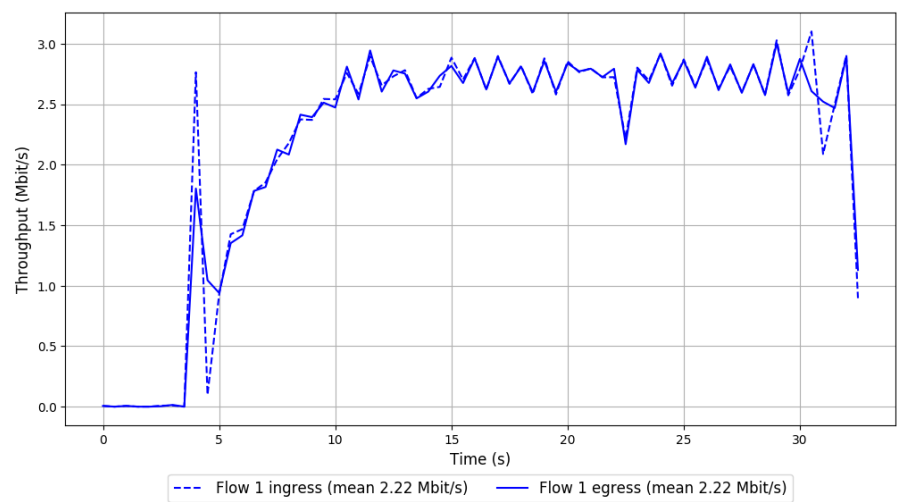


Run 2: Statistics of WebRTC media

Start at: 2018-02-16 02:57:01
End at: 2018-02-16 02:57:31
Local clock offset: 1.103 ms
Remote clock offset: -1.825 ms

Below is generated by plot.py at 2018-02-16 07:43:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.22 Mbit/s
95th percentile per-packet one-way delay: 31.024 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.22 Mbit/s
95th percentile per-packet one-way delay: 31.024 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

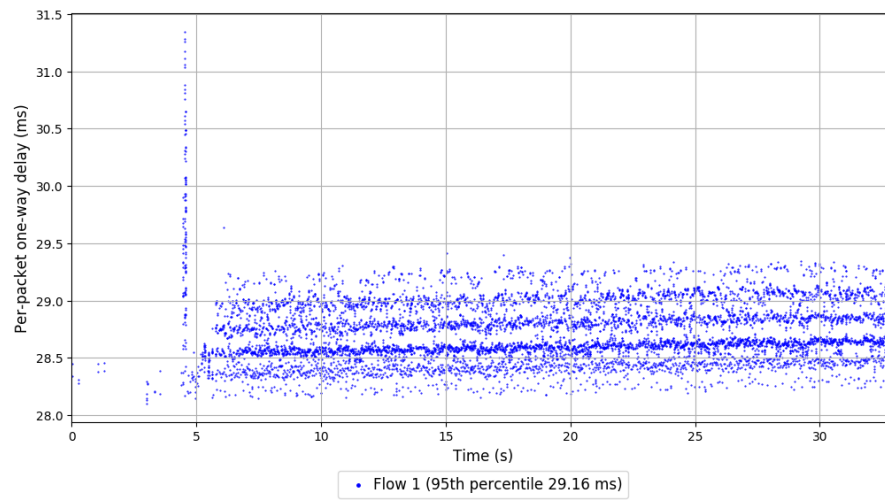
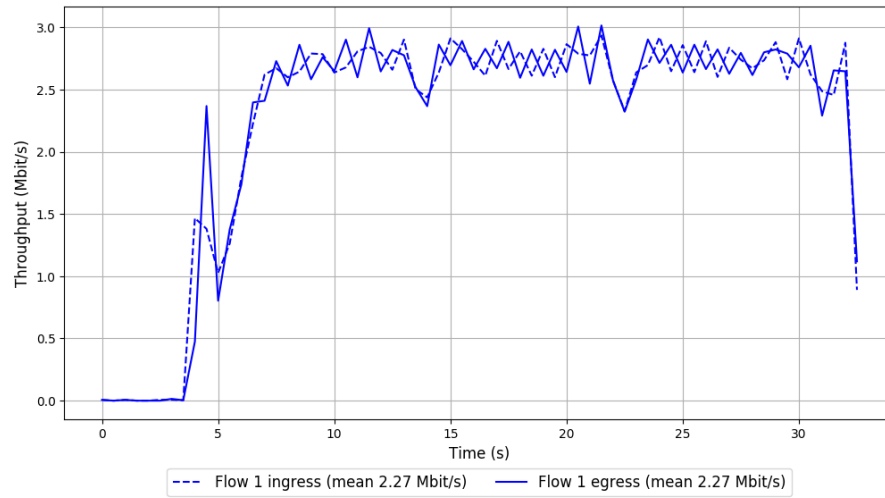


Run 3: Statistics of WebRTC media

Start at: 2018-02-16 03:26:34
End at: 2018-02-16 03:27:04
Local clock offset: 0.951 ms
Remote clock offset: -11.219 ms

Below is generated by plot.py at 2018-02-16 07:43:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 29.162 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 29.162 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

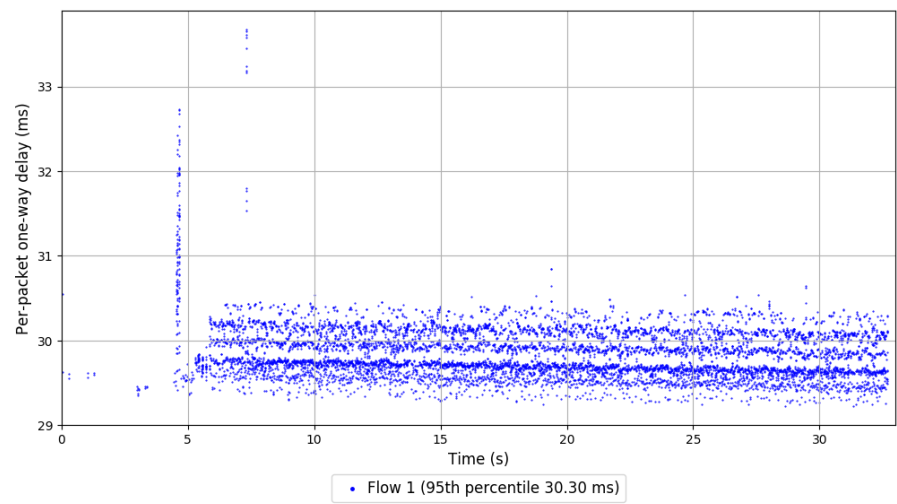
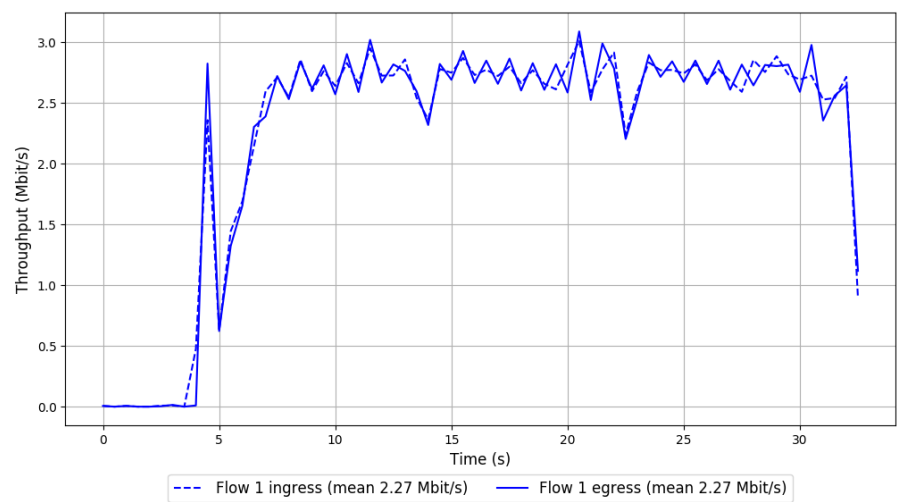


Run 4: Statistics of WebRTC media

Start at: 2018-02-16 03:57:51
End at: 2018-02-16 03:58:21
Local clock offset: 0.738 ms
Remote clock offset: -4.094 ms

Below is generated by plot.py at 2018-02-16 07:43:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 30.303 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 30.303 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2018-02-16 04:30:44

End at: 2018-02-16 04:31:14

Local clock offset: 0.695 ms

Remote clock offset: -7.28 ms

Below is generated by plot.py at 2018-02-16 07:43:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.28 Mbit/s

95th percentile per-packet one-way delay: 30.731 ms

Loss rate: 0.00%

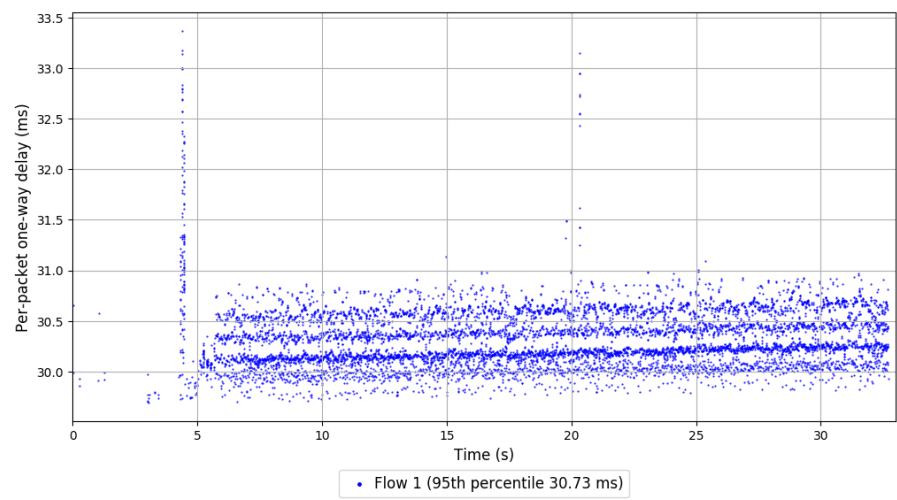
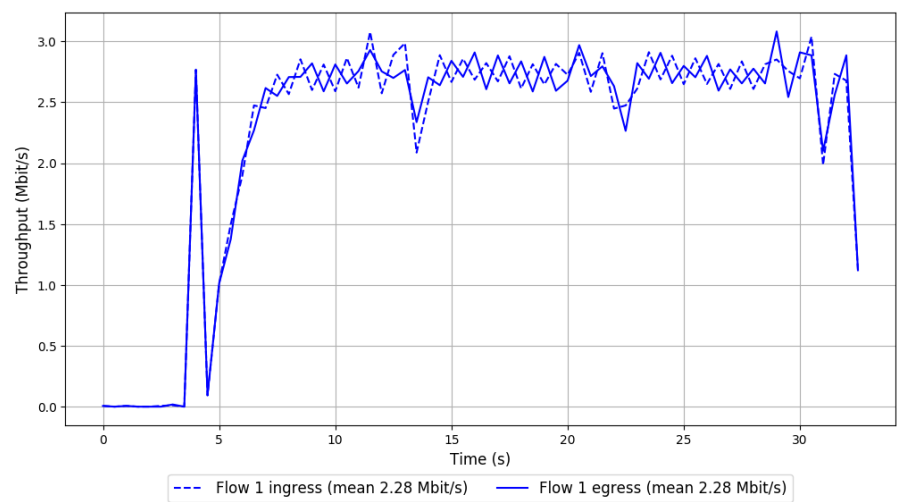
-- Flow 1:

Average throughput: 2.28 Mbit/s

95th percentile per-packet one-way delay: 30.731 ms

Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

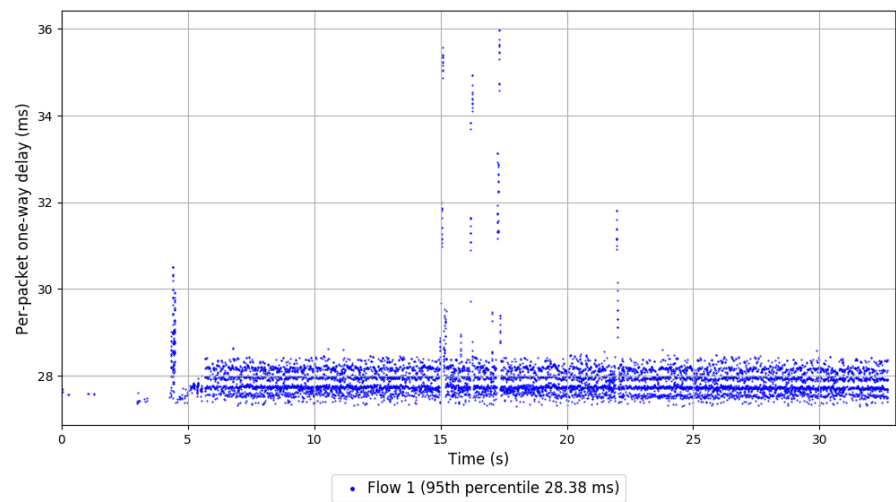
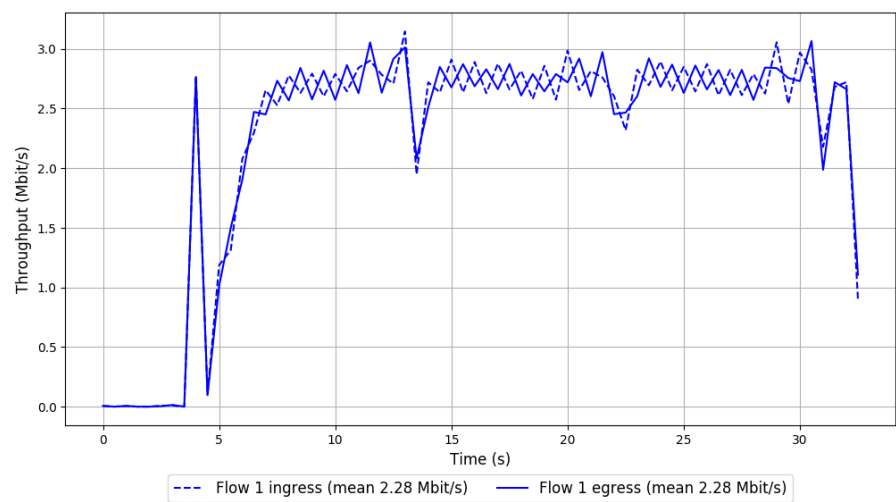


Run 6: Statistics of WebRTC media

Start at: 2018-02-16 05:02:03
End at: 2018-02-16 05:02:33
Local clock offset: 3.43 ms
Remote clock offset: -10.706 ms

Below is generated by plot.py at 2018-02-16 07:43:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.28 Mbit/s
95th percentile per-packet one-way delay: 28.376 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.28 Mbit/s
95th percentile per-packet one-way delay: 28.376 ms
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

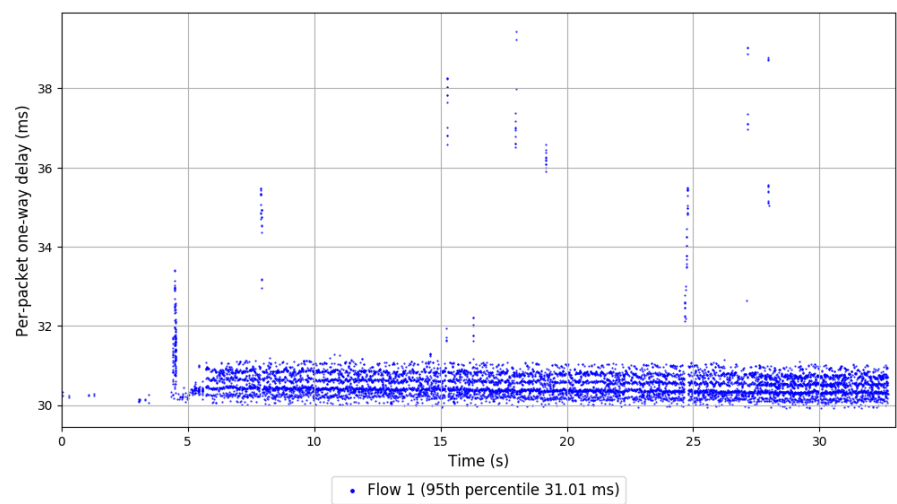
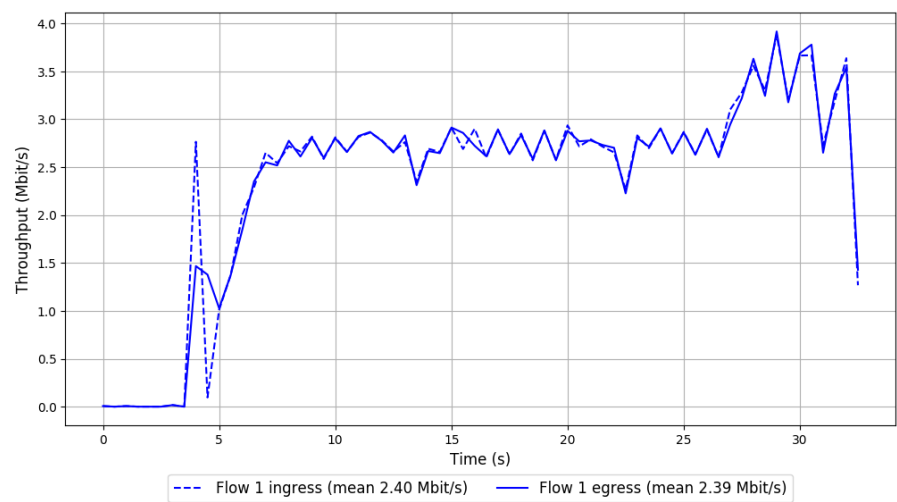


Run 7: Statistics of WebRTC media

Start at: 2018-02-16 05:31:33
End at: 2018-02-16 05:32:03
Local clock offset: 4.615 ms
Remote clock offset: -5.838 ms

Below is generated by plot.py at 2018-02-16 07:43:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.39 Mbit/s
95th percentile per-packet one-way delay: 31.014 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 2.39 Mbit/s
95th percentile per-packet one-way delay: 31.014 ms
Loss rate: 0.15%

Run 7: Report of WebRTC media — Data Link

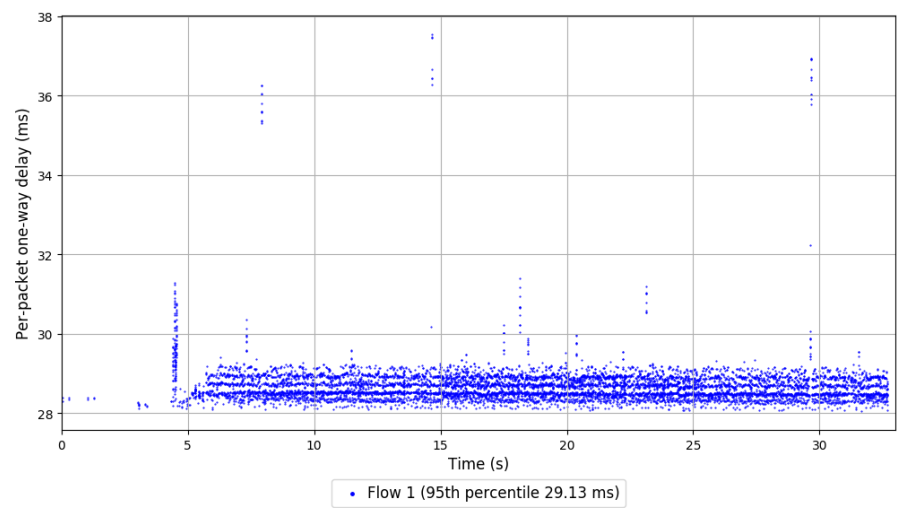
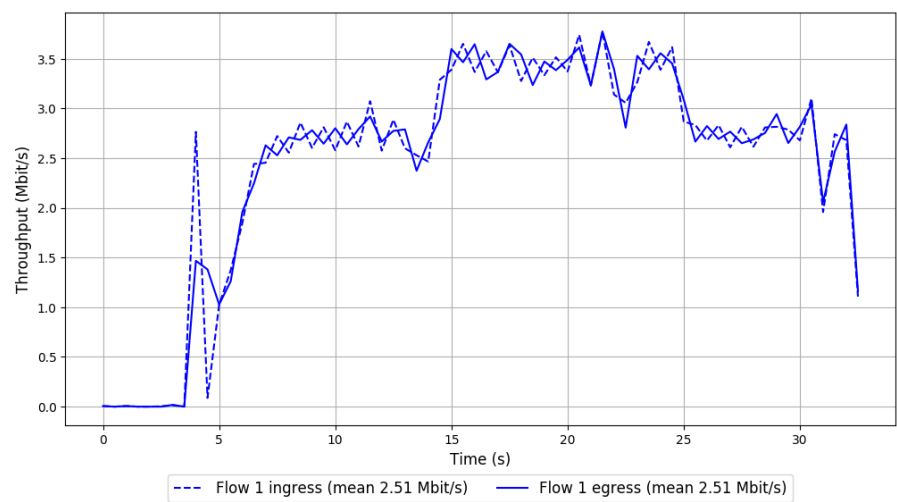


Run 8: Statistics of WebRTC media

Start at: 2018-02-16 05:58:08
End at: 2018-02-16 05:58:38
Local clock offset: 2.712 ms
Remote clock offset: -3.668 ms

Below is generated by plot.py at 2018-02-16 07:43:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.51 Mbit/s
95th percentile per-packet one-way delay: 29.127 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 2.51 Mbit/s
95th percentile per-packet one-way delay: 29.127 ms
Loss rate: 0.06%

Run 8: Report of WebRTC media — Data Link

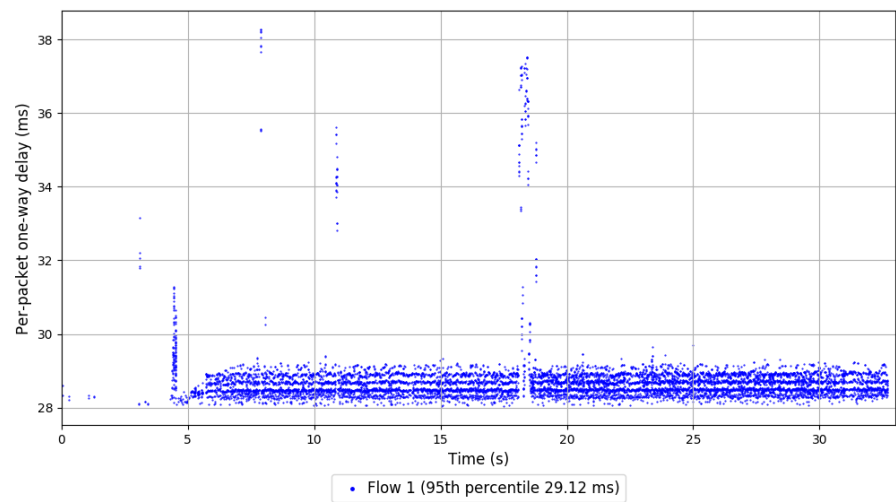
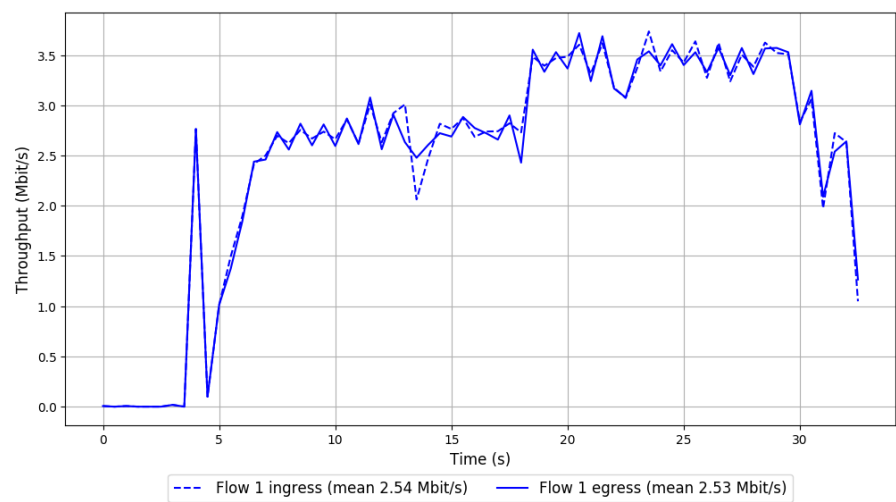


Run 9: Statistics of WebRTC media

Start at: 2018-02-16 06:26:19
End at: 2018-02-16 06:26:50
Local clock offset: 2.452 ms
Remote clock offset: -7.485 ms

Below is generated by plot.py at 2018-02-16 07:43:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.53 Mbit/s
95th percentile per-packet one-way delay: 29.118 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 2.53 Mbit/s
95th percentile per-packet one-way delay: 29.118 ms
Loss rate: 0.14%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-02-16 06:52:42

End at: 2018-02-16 06:53:12

Local clock offset: 2.257 ms

Remote clock offset: -1.0 ms

Below is generated by plot.py at 2018-02-16 07:43:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.44 Mbit/s

95th percentile per-packet one-way delay: 31.522 ms

Loss rate: 0.05%

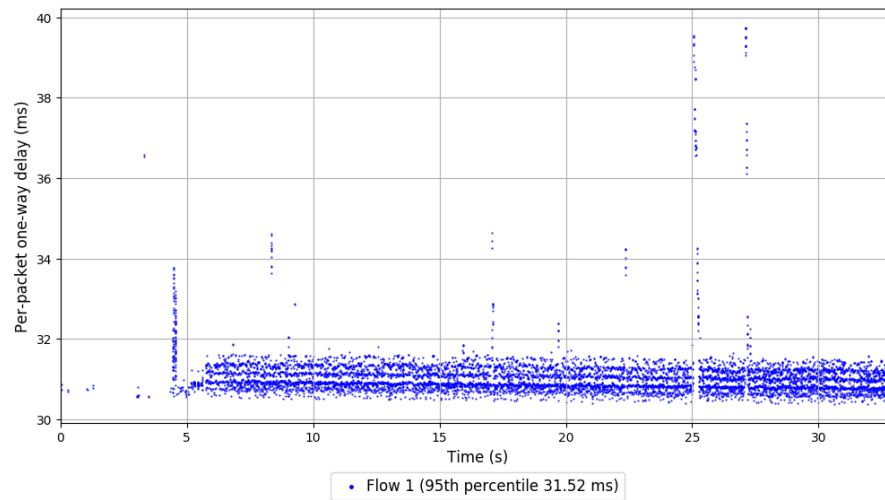
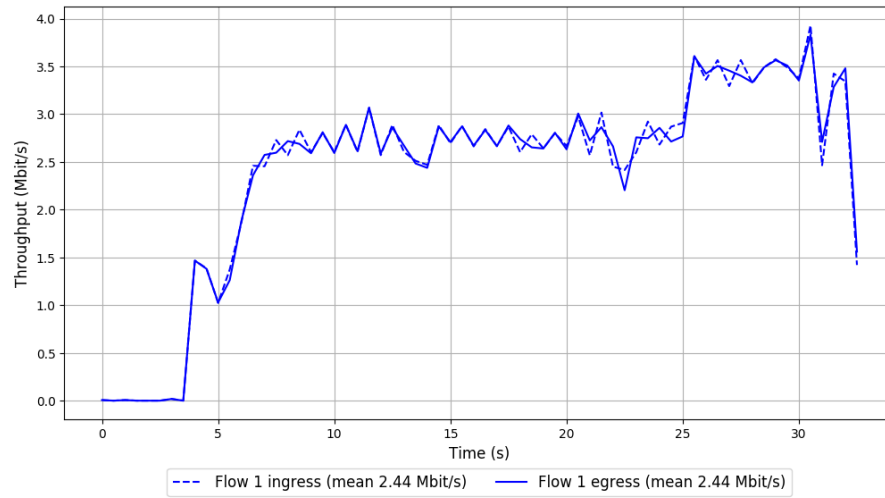
-- Flow 1:

Average throughput: 2.44 Mbit/s

95th percentile per-packet one-way delay: 31.522 ms

Loss rate: 0.05%

Run 10: Report of WebRTC media — Data Link

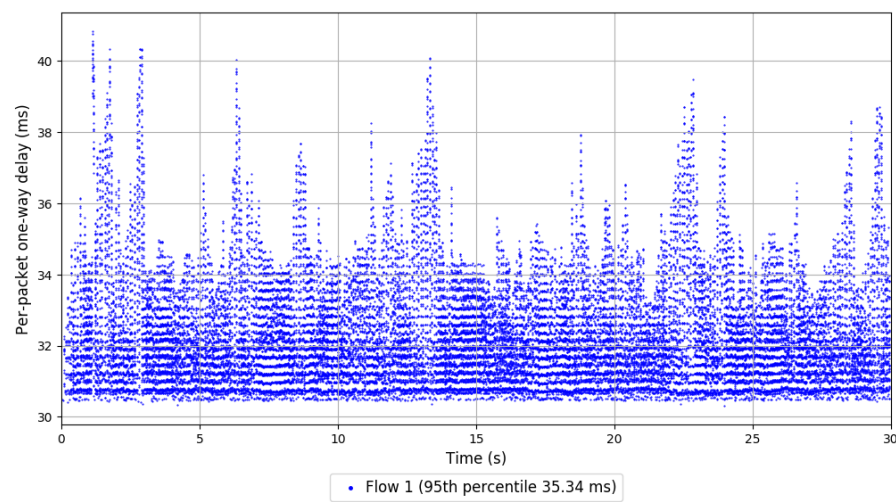
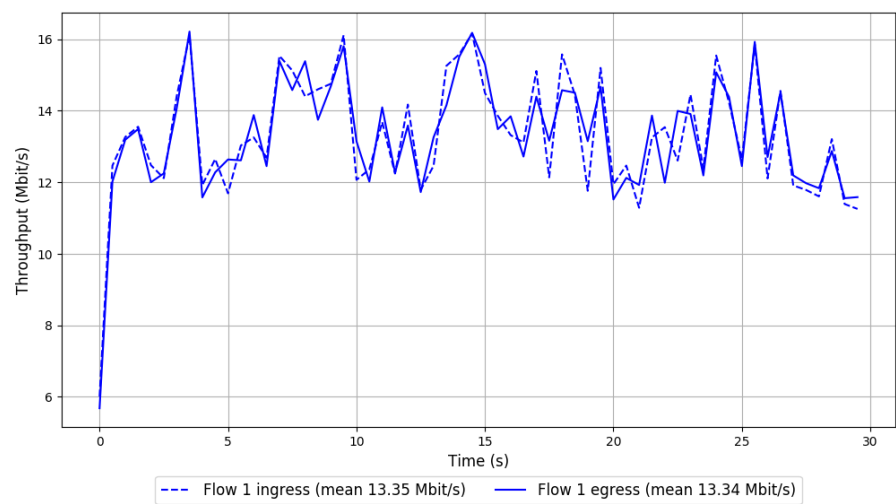


Run 1: Statistics of Sprout

Start at: 2018-02-16 02:34:38
End at: 2018-02-16 02:35:08
Local clock offset: 1.179 ms
Remote clock offset: -6.386 ms

Below is generated by plot.py at 2018-02-16 07:43:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 13.34 Mbit/s
95th percentile per-packet one-way delay: 35.337 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 13.34 Mbit/s
95th percentile per-packet one-way delay: 35.337 ms
Loss rate: 0.09%

Run 1: Report of Sprout — Data Link

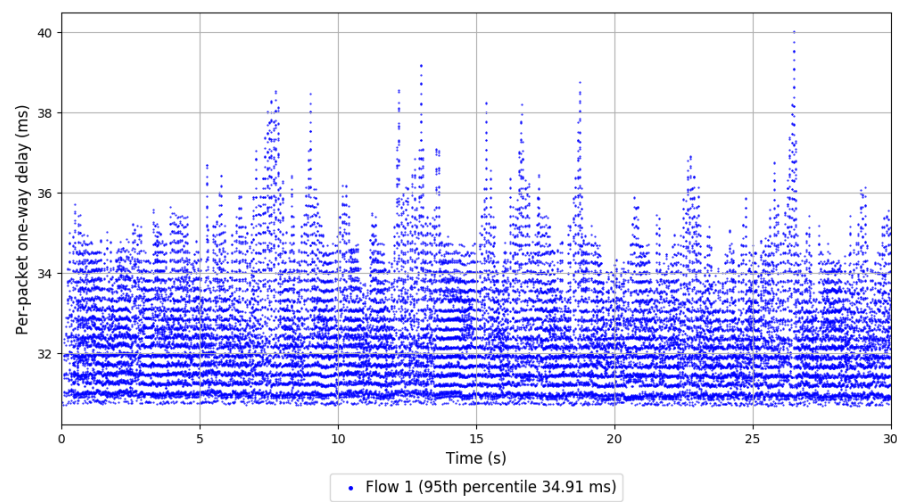
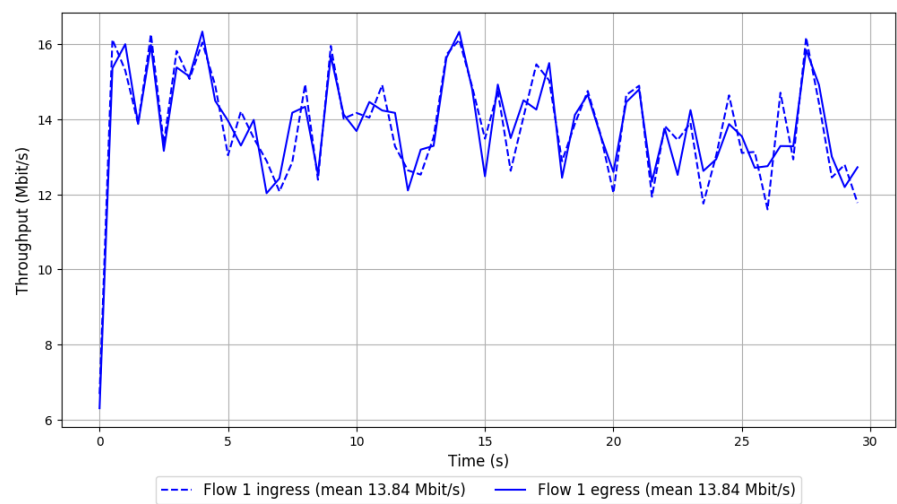


Run 2: Statistics of Sprout

Start at: 2018-02-16 03:04:12
End at: 2018-02-16 03:04:42
Local clock offset: 0.933 ms
Remote clock offset: -0.652 ms

Below is generated by plot.py at 2018-02-16 07:43:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 13.84 Mbit/s
95th percentile per-packet one-way delay: 34.906 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 13.84 Mbit/s
95th percentile per-packet one-way delay: 34.906 ms
Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

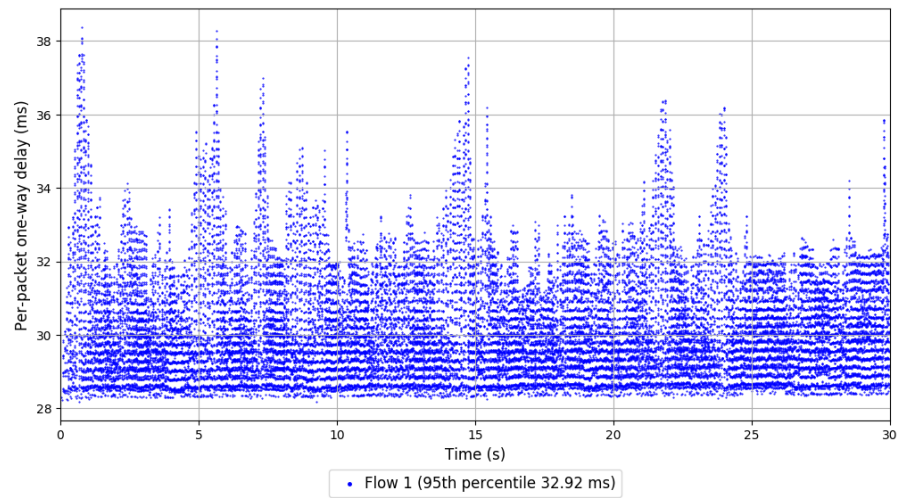
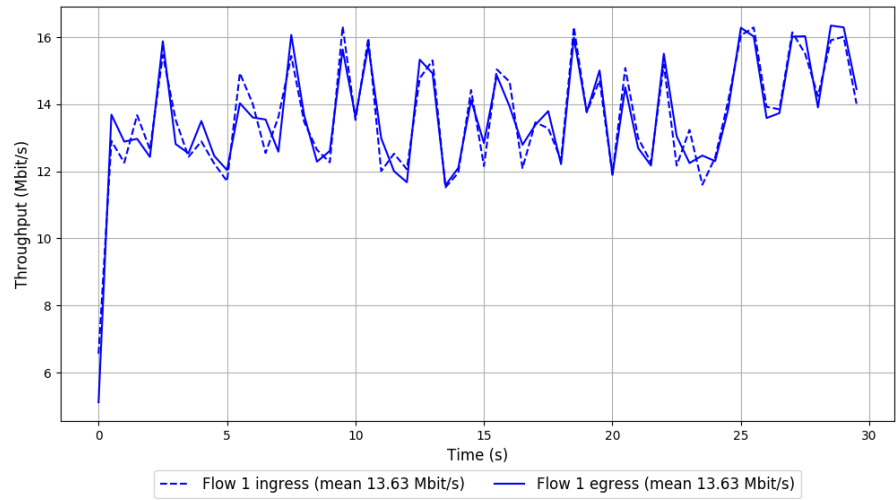


Run 3: Statistics of Sprout

Start at: 2018-02-16 03:34:18
End at: 2018-02-16 03:34:48
Local clock offset: 0.757 ms
Remote clock offset: -13.195 ms

Below is generated by plot.py at 2018-02-16 07:43:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 13.63 Mbit/s
95th percentile per-packet one-way delay: 32.917 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 13.63 Mbit/s
95th percentile per-packet one-way delay: 32.917 ms
Loss rate: 0.00%

Run 3: Report of Sprout — Data Link

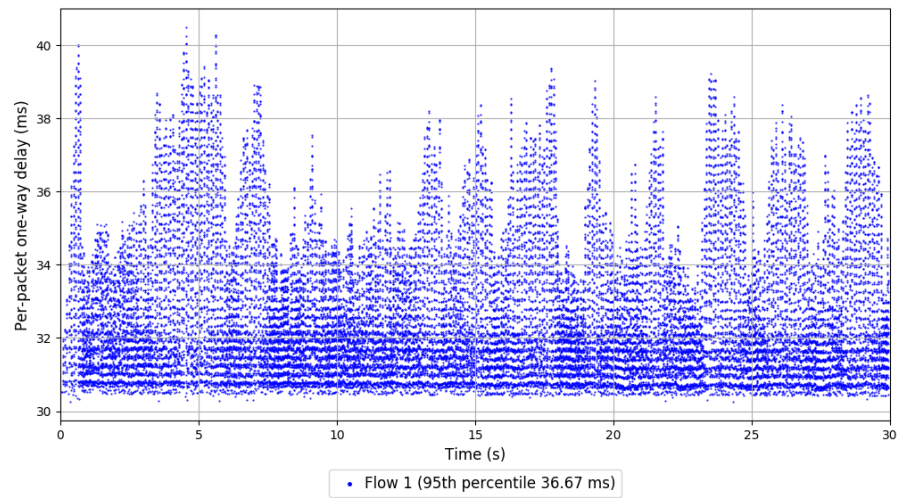
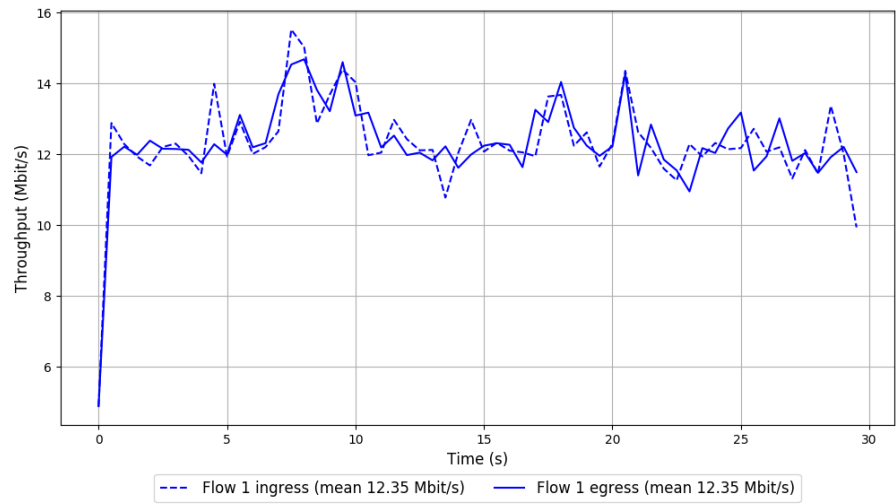


Run 4: Statistics of Sprout

Start at: 2018-02-16 04:05:42
End at: 2018-02-16 04:06:12
Local clock offset: 0.625 ms
Remote clock offset: -2.277 ms

Below is generated by plot.py at 2018-02-16 07:43:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.35 Mbit/s
95th percentile per-packet one-way delay: 36.667 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.35 Mbit/s
95th percentile per-packet one-way delay: 36.667 ms
Loss rate: 0.00%

Run 4: Report of Sprout — Data Link

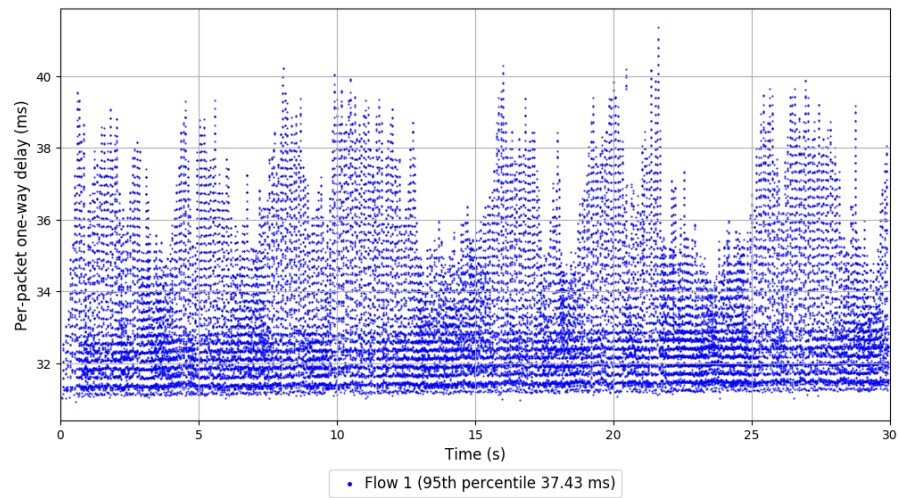
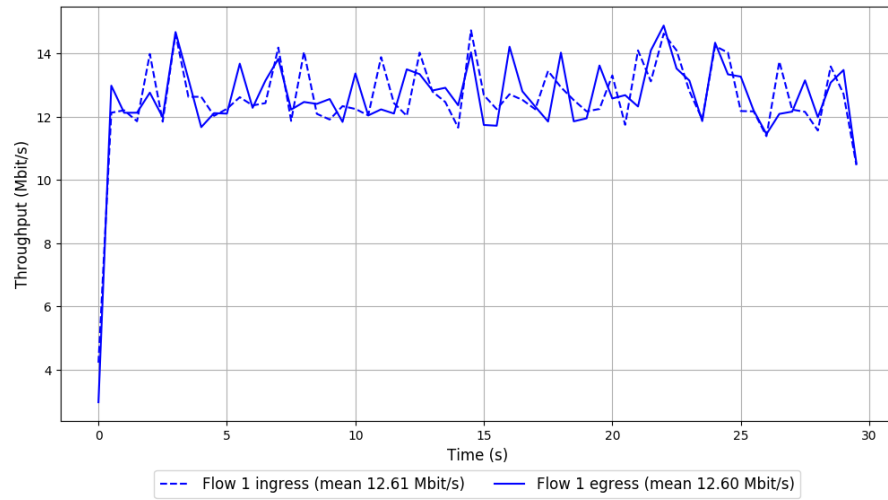


Run 5: Statistics of Sprout

Start at: 2018-02-16 04:38:54
End at: 2018-02-16 04:39:24
Local clock offset: 1.37 ms
Remote clock offset: -8.752 ms

Below is generated by plot.py at 2018-02-16 07:43:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.60 Mbit/s
95th percentile per-packet one-way delay: 37.432 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 12.60 Mbit/s
95th percentile per-packet one-way delay: 37.432 ms
Loss rate: 0.05%

Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

Start at: 2018-02-16 05:08:18

End at: 2018-02-16 05:08:48

Local clock offset: 3.684 ms

Remote clock offset: -7.88 ms

Below is generated by plot.py at 2018-02-16 07:43:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.44 Mbit/s

95th percentile per-packet one-way delay: 36.016 ms

Loss rate: 0.00%

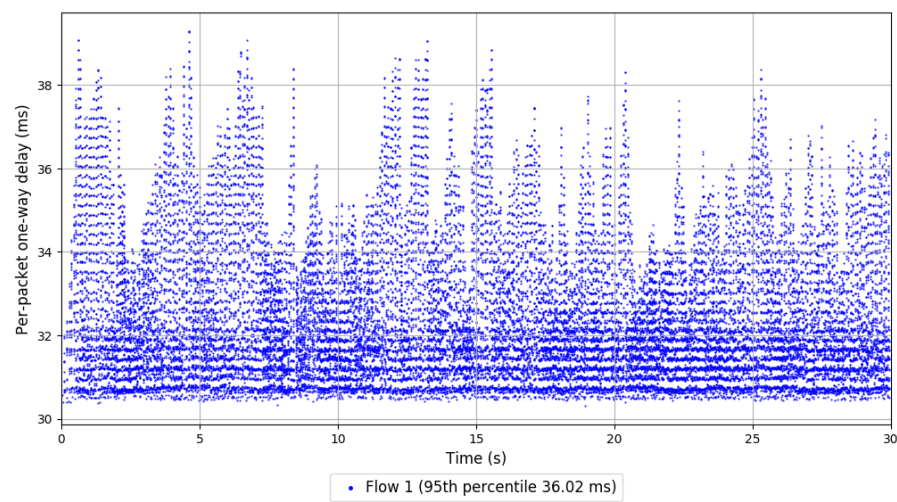
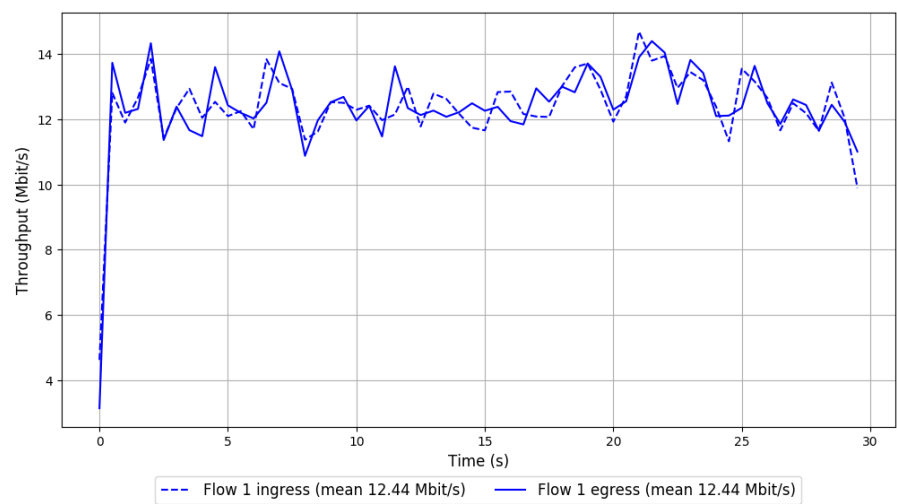
-- Flow 1:

Average throughput: 12.44 Mbit/s

95th percentile per-packet one-way delay: 36.016 ms

Loss rate: 0.00%

Run 6: Report of Sprout — Data Link

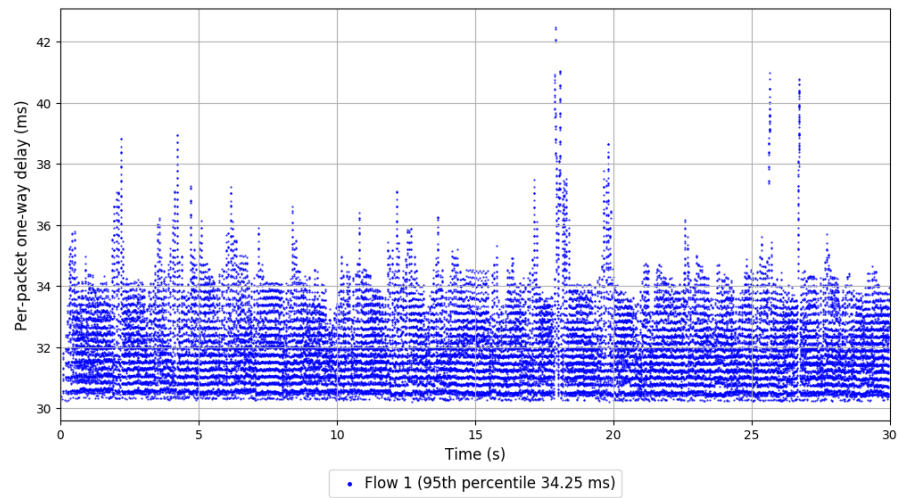
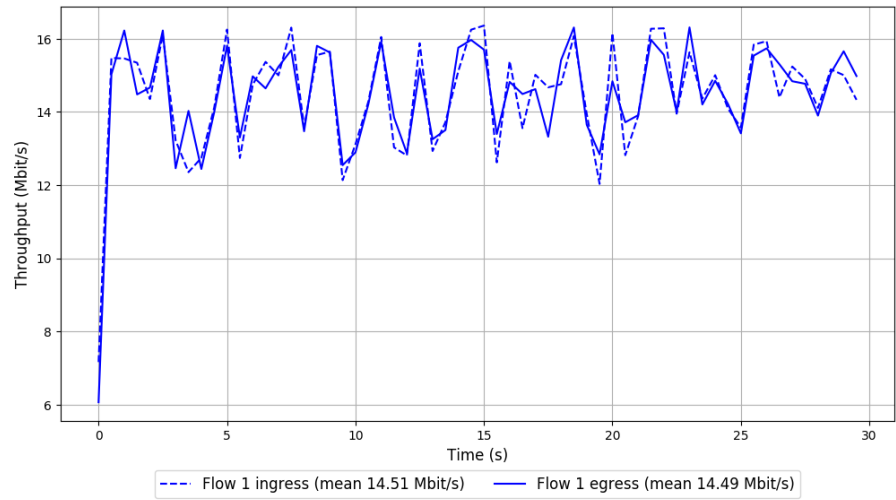


Run 7: Statistics of Sprout

Start at: 2018-02-16 05:38:01
End at: 2018-02-16 05:38:31
Local clock offset: 4.841 ms
Remote clock offset: -4.046 ms

Below is generated by plot.py at 2018-02-16 07:43:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 14.49 Mbit/s
95th percentile per-packet one-way delay: 34.254 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 14.49 Mbit/s
95th percentile per-packet one-way delay: 34.254 ms
Loss rate: 0.09%

Run 7: Report of Sprout — Data Link

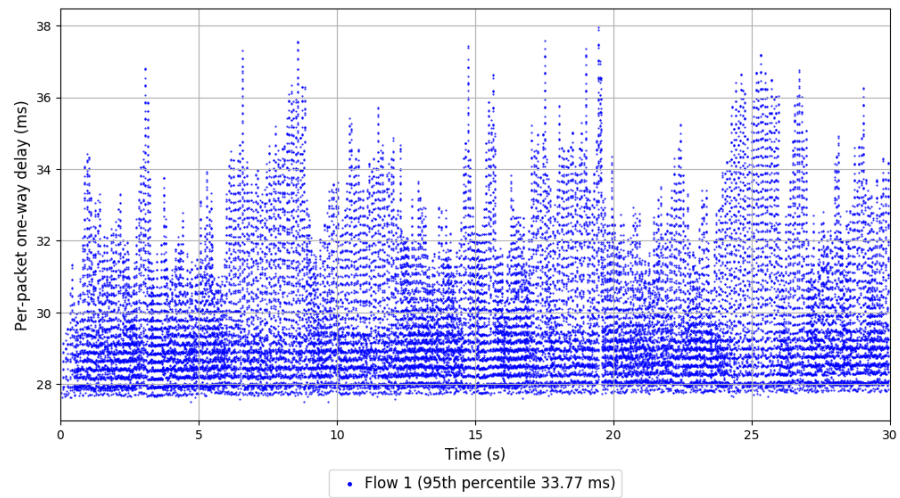
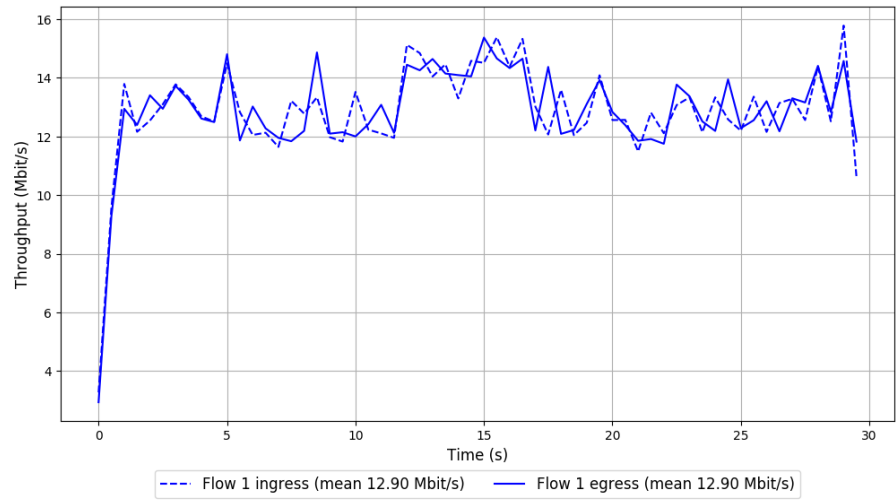


Run 8: Statistics of Sprout

Start at: 2018-02-16 06:04:12
End at: 2018-02-16 06:04:42
Local clock offset: 2.497 ms
Remote clock offset: -4.119 ms

Below is generated by plot.py at 2018-02-16 07:43:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.90 Mbit/s
95th percentile per-packet one-way delay: 33.770 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.90 Mbit/s
95th percentile per-packet one-way delay: 33.770 ms
Loss rate: 0.00%

Run 8: Report of Sprout — Data Link

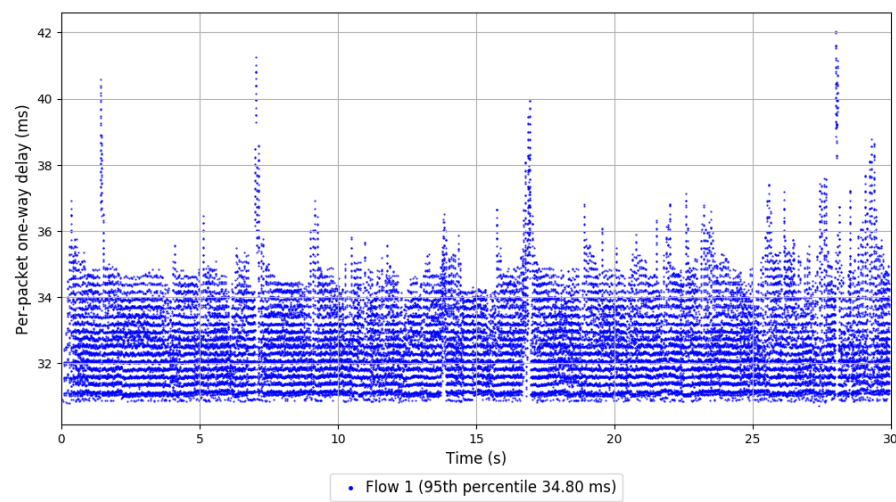
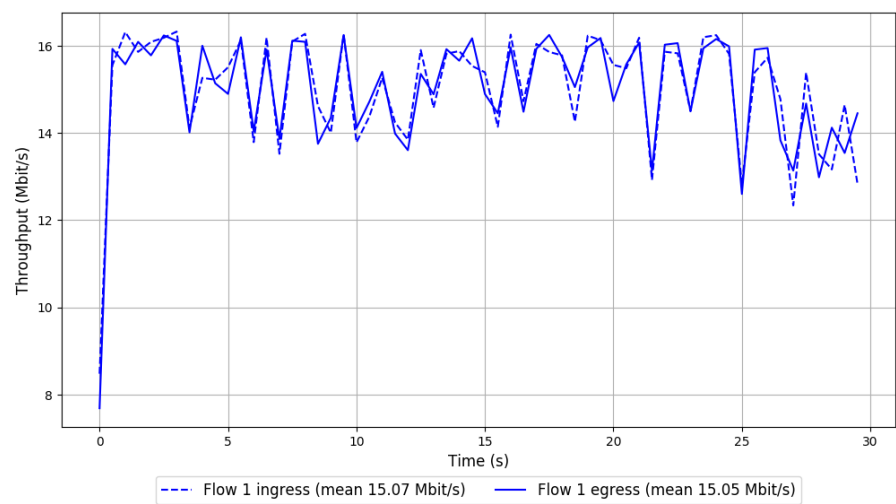


Run 9: Statistics of Sprout

Start at: 2018-02-16 06:32:22
End at: 2018-02-16 06:32:52
Local clock offset: 2.509 ms
Remote clock offset: -5.178 ms

Below is generated by plot.py at 2018-02-16 07:43:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.05 Mbit/s
95th percentile per-packet one-way delay: 34.796 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 15.05 Mbit/s
95th percentile per-packet one-way delay: 34.796 ms
Loss rate: 0.10%

Run 9: Report of Sprout — Data Link

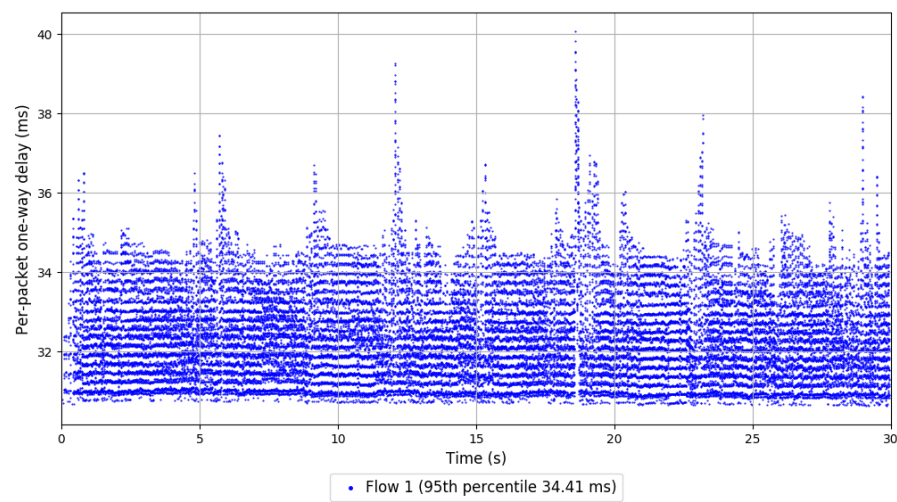
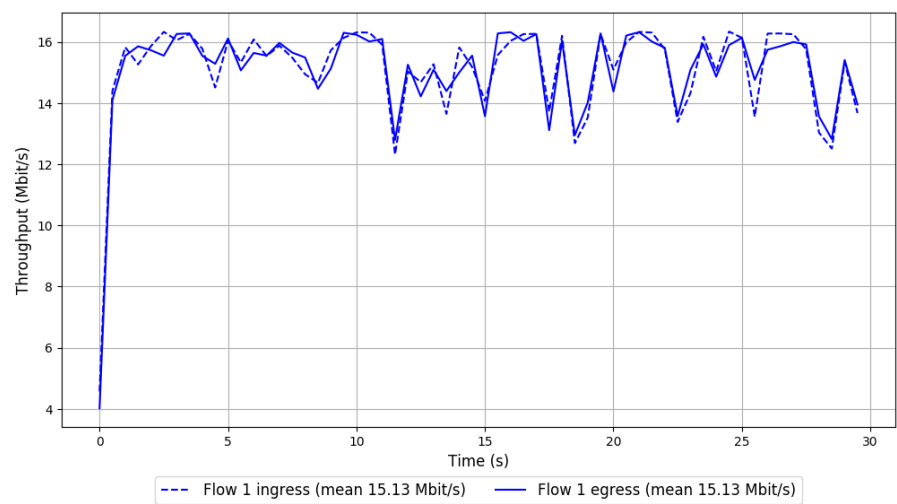


Run 10: Statistics of Sprout

Start at: 2018-02-16 06:59:01
End at: 2018-02-16 06:59:31
Local clock offset: 1.103 ms
Remote clock offset: -0.102 ms

Below is generated by plot.py at 2018-02-16 07:43:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.13 Mbit/s
95th percentile per-packet one-way delay: 34.411 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 15.13 Mbit/s
95th percentile per-packet one-way delay: 34.411 ms
Loss rate: 0.00%

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: 2018-02-16 02:42:26

End at: 2018-02-16 02:42:56

Local clock offset: 1.365 ms

Remote clock offset: -4.492 ms

Below is generated by plot.py at 2018-02-16 07:45:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.97 Mbit/s

95th percentile per-packet one-way delay: 39.752 ms

Loss rate: 0.10%

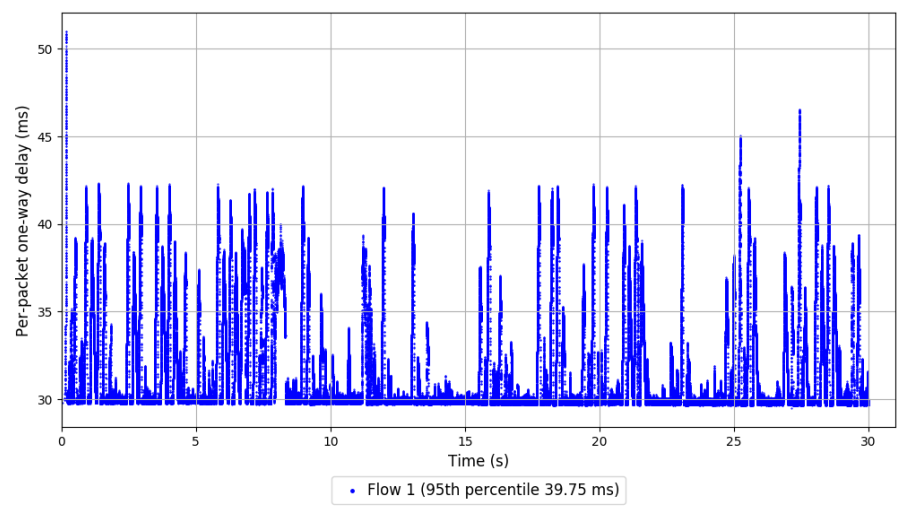
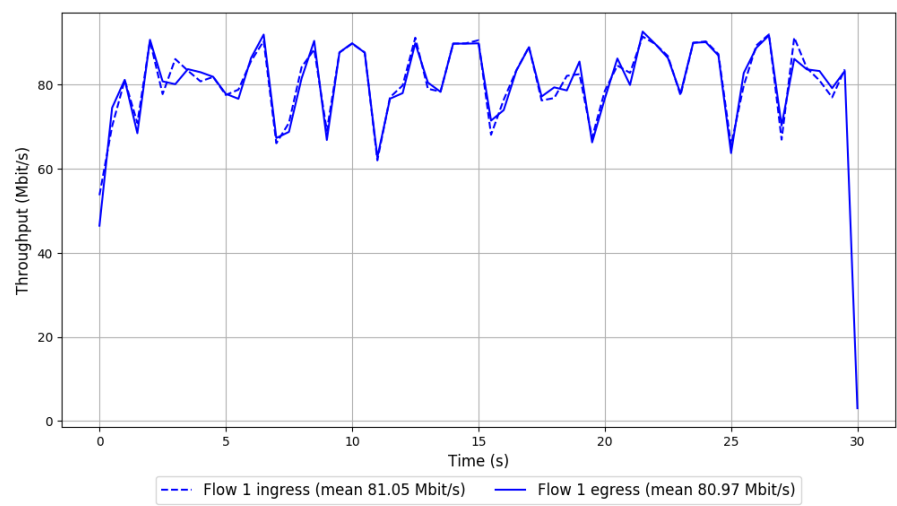
-- Flow 1:

Average throughput: 80.97 Mbit/s

95th percentile per-packet one-way delay: 39.752 ms

Loss rate: 0.10%

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



Run 2: Statistics of TaoVA-100x

Start at: 2018-02-16 03:12:05

End at: 2018-02-16 03:12:35

Local clock offset: 0.88 ms

Remote clock offset: -2.706 ms

Below is generated by plot.py at 2018-02-16 07:45:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.53 Mbit/s

95th percentile per-packet one-way delay: 39.294 ms

Loss rate: 0.00%

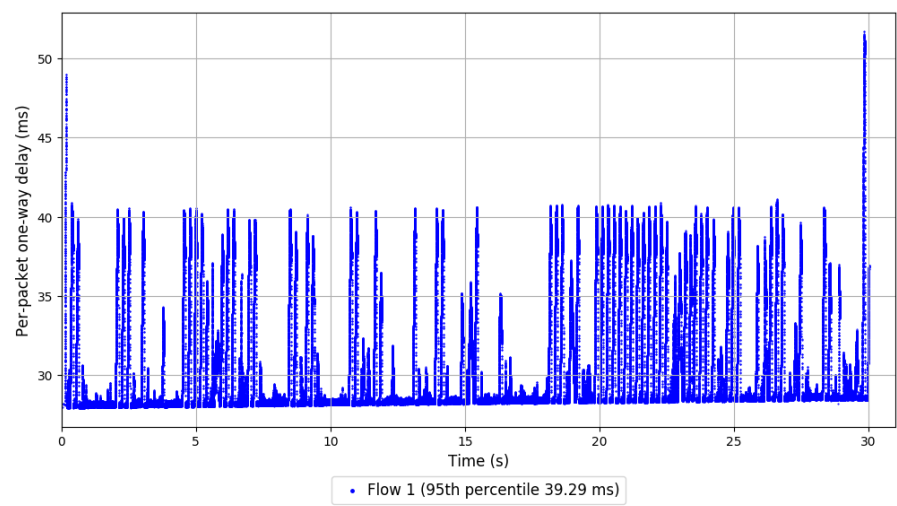
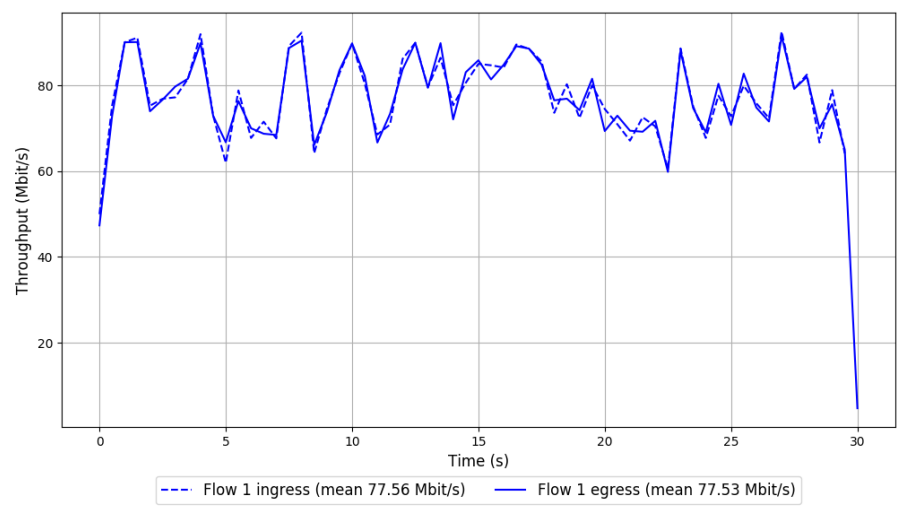
-- Flow 1:

Average throughput: 77.53 Mbit/s

95th percentile per-packet one-way delay: 39.294 ms

Loss rate: 0.00%

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

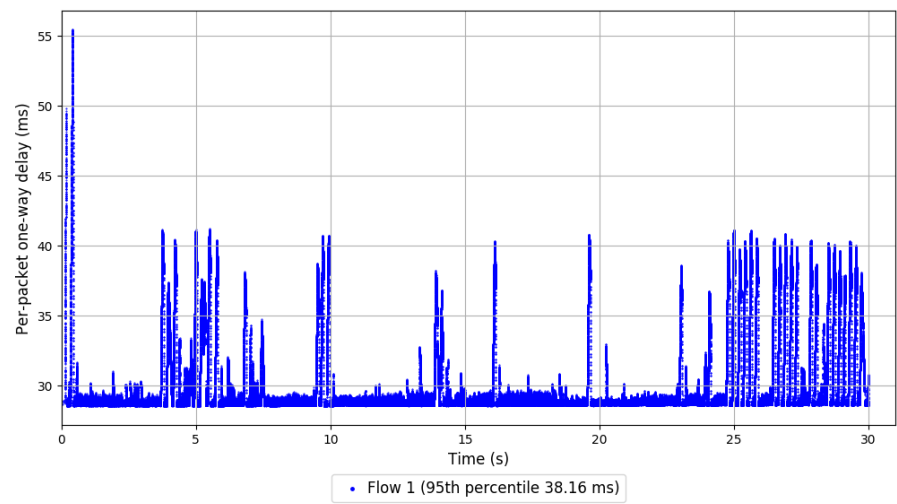
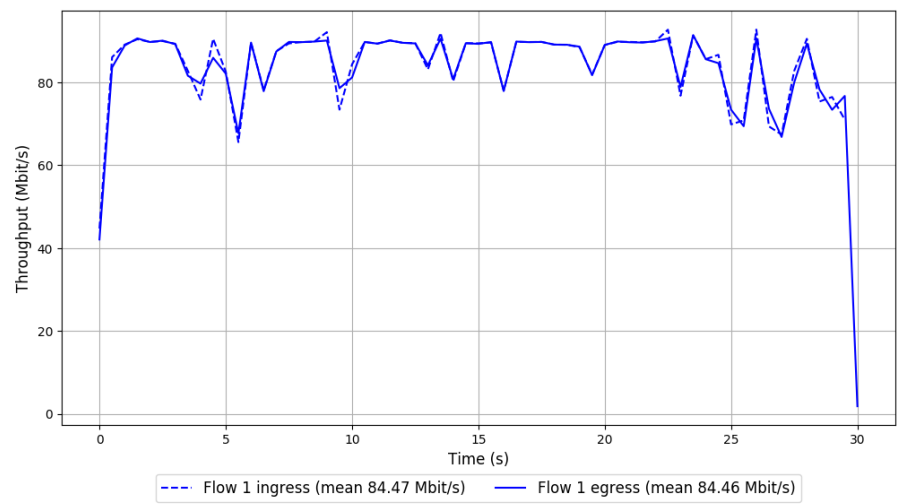


Run 3: Statistics of TaoVA-100x

Start at: 2018-02-16 03:42:31
End at: 2018-02-16 03:43:01
Local clock offset: 0.638 ms
Remote clock offset: -14.531 ms

Below is generated by plot.py at 2018-02-16 07:45:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 84.46 Mbit/s
95th percentile per-packet one-way delay: 38.162 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 84.46 Mbit/s
95th percentile per-packet one-way delay: 38.162 ms
Loss rate: 0.01%

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



Run 4: Statistics of TaoVA-100x

Start at: 2018-02-16 04:14:36

End at: 2018-02-16 04:15:06

Local clock offset: 0.602 ms

Remote clock offset: -3.708 ms

Below is generated by plot.py at 2018-02-16 07:46:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.94 Mbit/s

95th percentile per-packet one-way delay: 31.020 ms

Loss rate: 0.01%

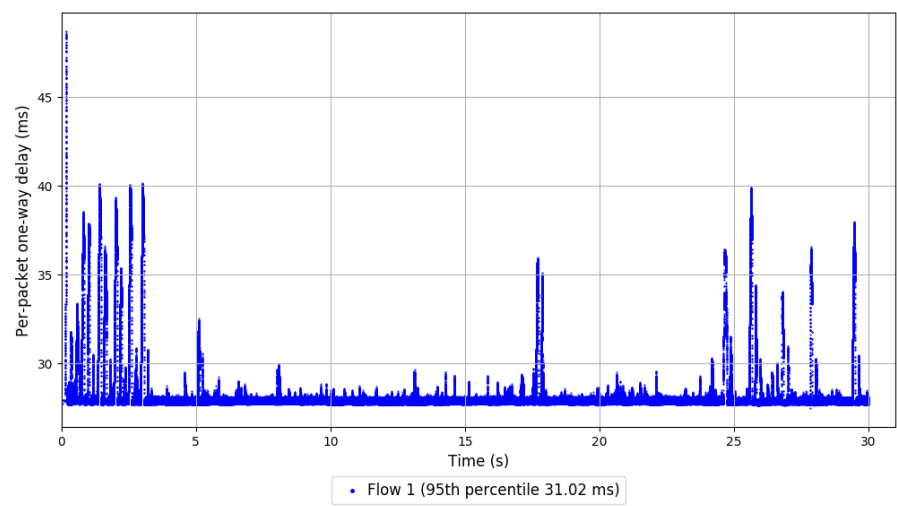
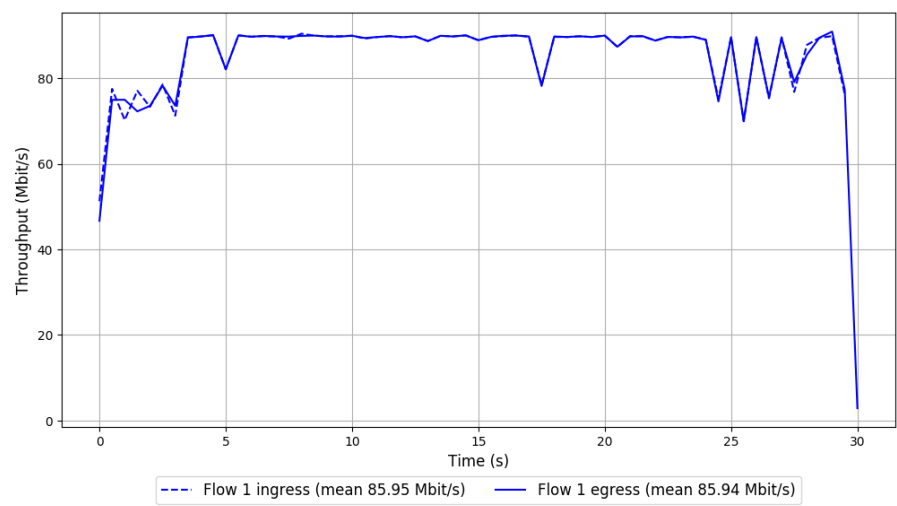
-- Flow 1:

Average throughput: 85.94 Mbit/s

95th percentile per-packet one-way delay: 31.020 ms

Loss rate: 0.01%

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



Run 5: Statistics of TaoVA-100x

Start at: 2018-02-16 04:47:42

End at: 2018-02-16 04:48:12

Local clock offset: 2.444 ms

Remote clock offset: -9.712 ms

Below is generated by plot.py at 2018-02-16 07:46:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.05 Mbit/s

95th percentile per-packet one-way delay: 37.164 ms

Loss rate: 0.19%

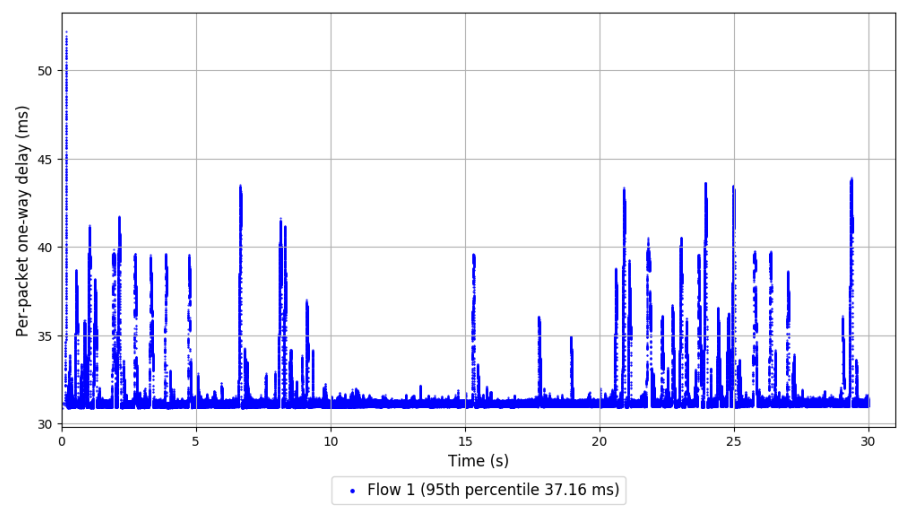
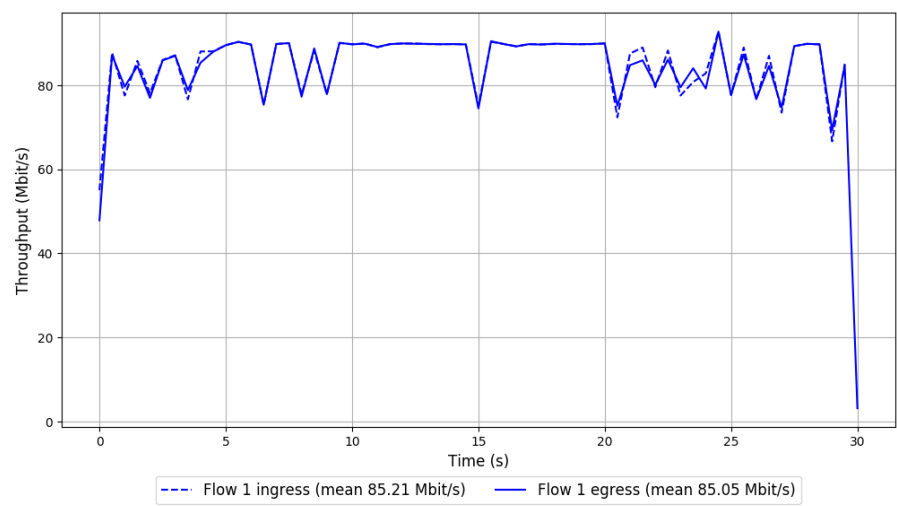
-- Flow 1:

Average throughput: 85.05 Mbit/s

95th percentile per-packet one-way delay: 37.164 ms

Loss rate: 0.19%

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



Run 6: Statistics of TaoVA-100x

Start at: 2018-02-16 05:16:44

End at: 2018-02-16 05:17:14

Local clock offset: 3.946 ms

Remote clock offset: -9.685 ms

Below is generated by plot.py at 2018-02-16 07:46:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.49 Mbit/s

95th percentile per-packet one-way delay: 35.804 ms

Loss rate: 0.01%

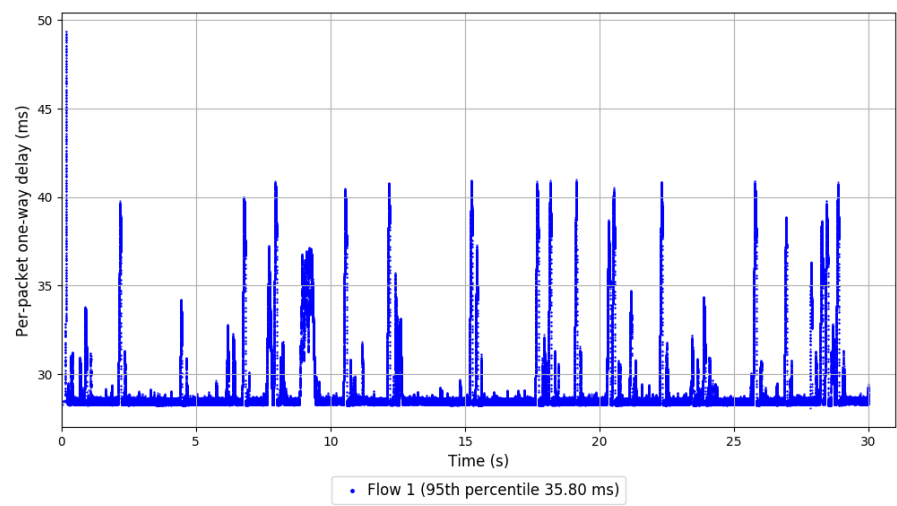
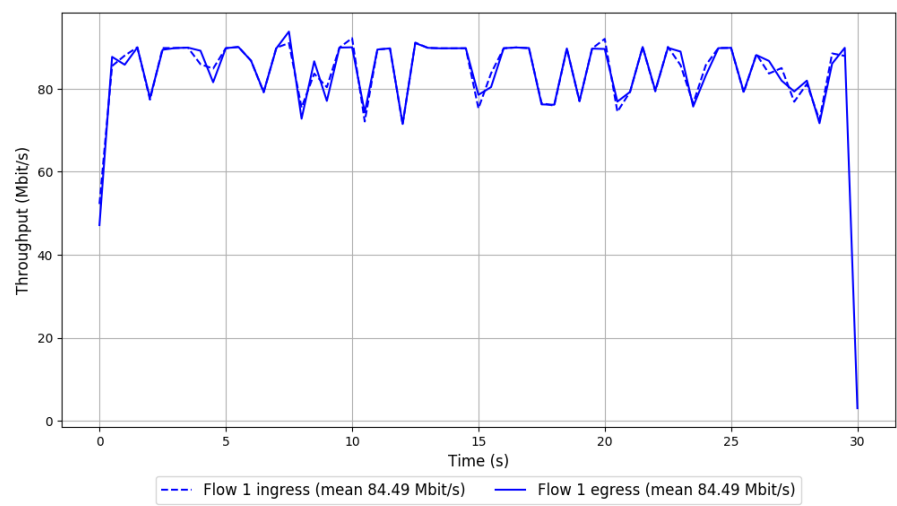
-- Flow 1:

Average throughput: 84.49 Mbit/s

95th percentile per-packet one-way delay: 35.804 ms

Loss rate: 0.01%

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



Run 7: Statistics of TaoVA-100x

Start at: 2018-02-16 05:45:06

End at: 2018-02-16 05:45:36

Local clock offset: 4.578 ms

Remote clock offset: -2.271 ms

Below is generated by plot.py at 2018-02-16 07:46:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.60 Mbit/s

95th percentile per-packet one-way delay: 42.238 ms

Loss rate: 0.34%

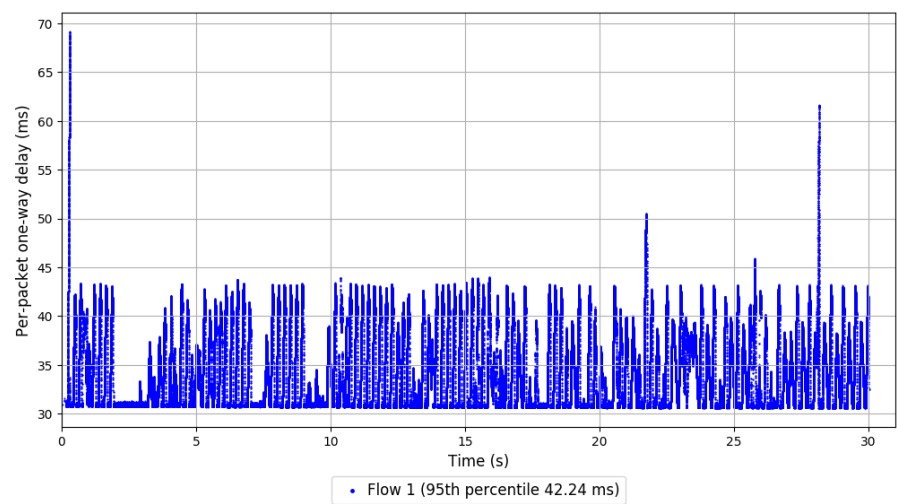
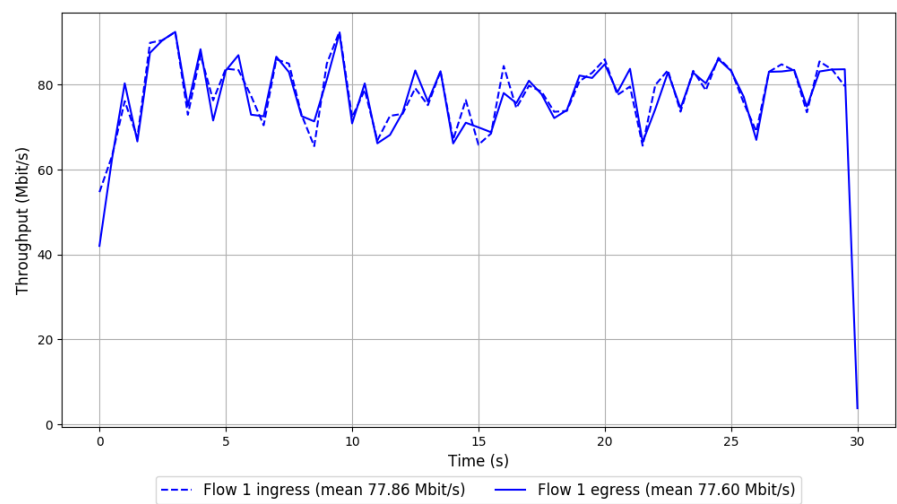
-- Flow 1:

Average throughput: 77.60 Mbit/s

95th percentile per-packet one-way delay: 42.238 ms

Loss rate: 0.34%

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



Run 8: Statistics of TaoVA-100x

Start at: 2018-02-16 06:12:08

End at: 2018-02-16 06:12:38

Local clock offset: 2.173 ms

Remote clock offset: -5.96 ms

Below is generated by plot.py at 2018-02-16 07:46:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.61 Mbit/s

95th percentile per-packet one-way delay: 36.387 ms

Loss rate: 0.09%

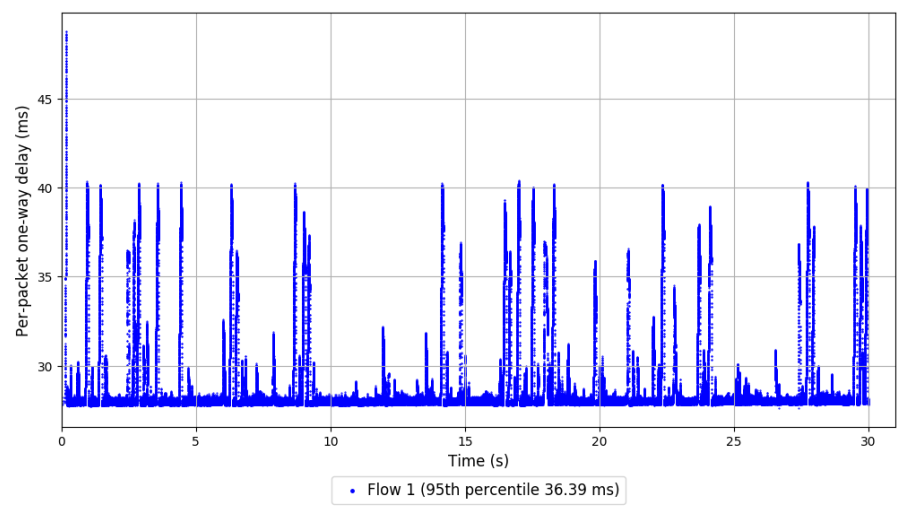
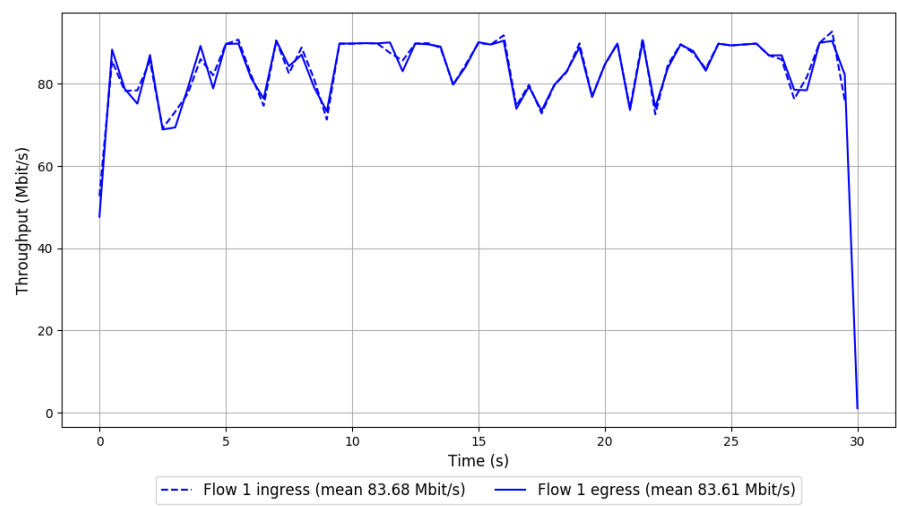
-- Flow 1:

Average throughput: 83.61 Mbit/s

95th percentile per-packet one-way delay: 36.387 ms

Loss rate: 0.09%

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



Run 9: Statistics of TaoVA-100x

Start at: 2018-02-16 06:39:21

End at: 2018-02-16 06:39:51

Local clock offset: 2.545 ms

Remote clock offset: -4.56 ms

Below is generated by plot.py at 2018-02-16 07:47:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 76.34 Mbit/s

95th percentile per-packet one-way delay: 41.815 ms

Loss rate: 0.10%

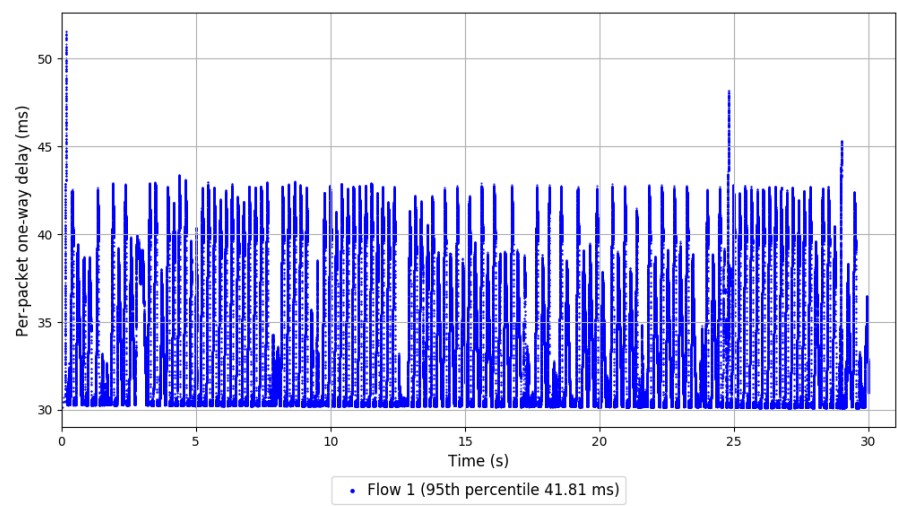
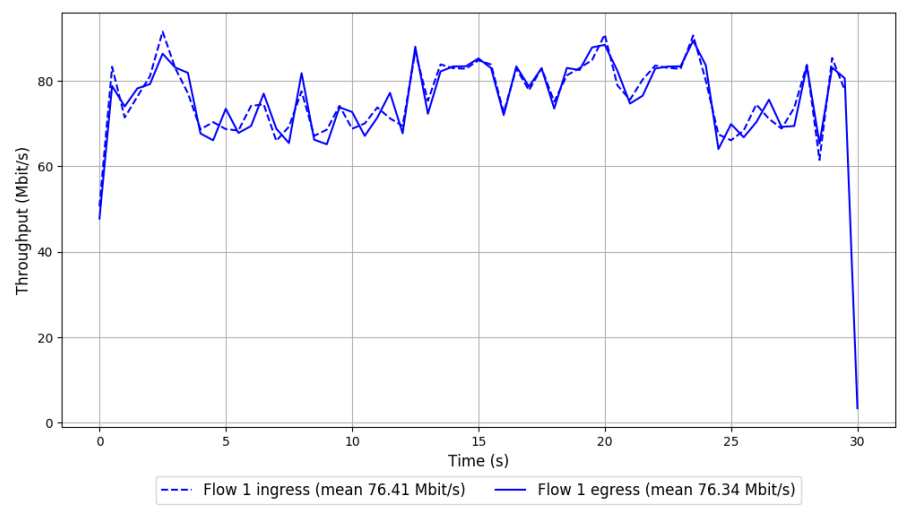
-- Flow 1:

Average throughput: 76.34 Mbit/s

95th percentile per-packet one-way delay: 41.815 ms

Loss rate: 0.10%

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



Run 10: Statistics of TaoVA-100x

Start at: 2018-02-16 07:06:48

End at: 2018-02-16 07:07:18

Local clock offset: 0.206 ms

Remote clock offset: -1.811 ms

Below is generated by plot.py at 2018-02-16 07:48:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.97 Mbit/s

95th percentile per-packet one-way delay: 35.026 ms

Loss rate: 0.07%

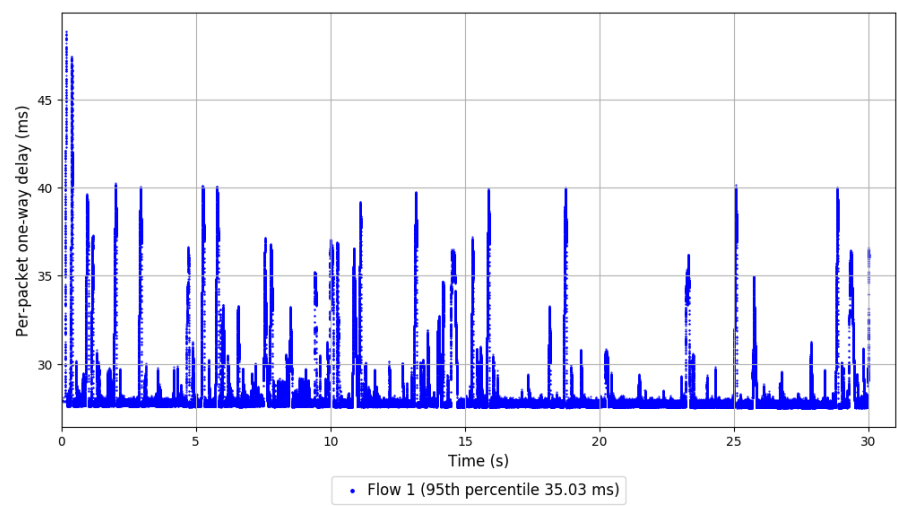
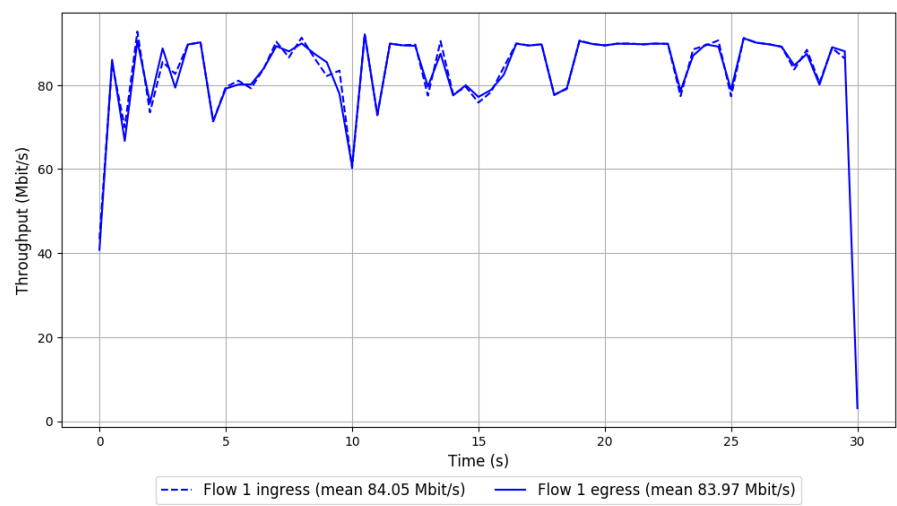
-- Flow 1:

Average throughput: 83.97 Mbit/s

95th percentile per-packet one-way delay: 35.026 ms

Loss rate: 0.07%

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

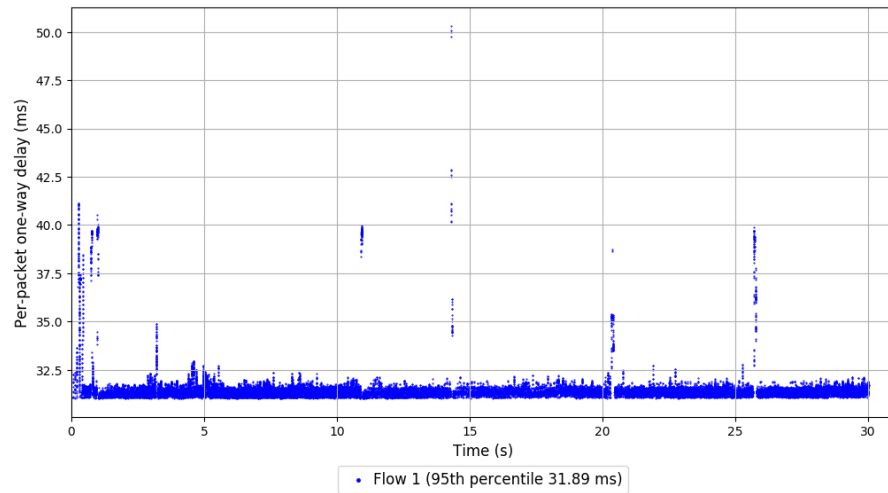
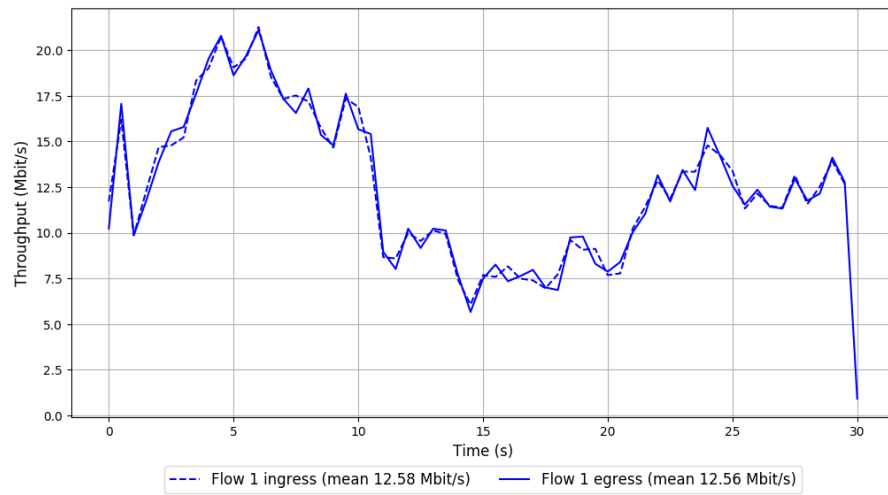


Run 1: Statistics of TCP Vegas

Start at: 2018-02-16 02:26:40
End at: 2018-02-16 02:27:10
Local clock offset: 0.771 ms
Remote clock offset: -5.945 ms

Below is generated by plot.py at 2018-02-16 07:48:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.56 Mbit/s
95th percentile per-packet one-way delay: 31.886 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 12.56 Mbit/s
95th percentile per-packet one-way delay: 31.886 ms
Loss rate: 0.13%

Run 1: Report of TCP Vegas — Data Link

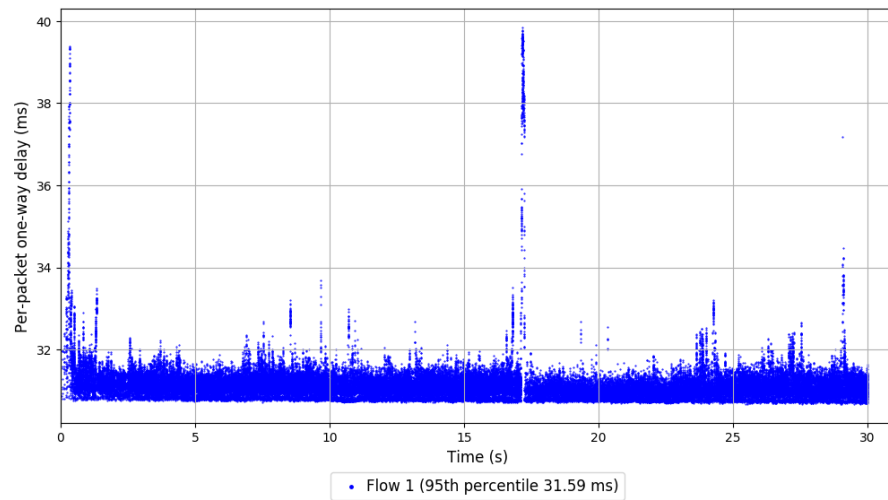
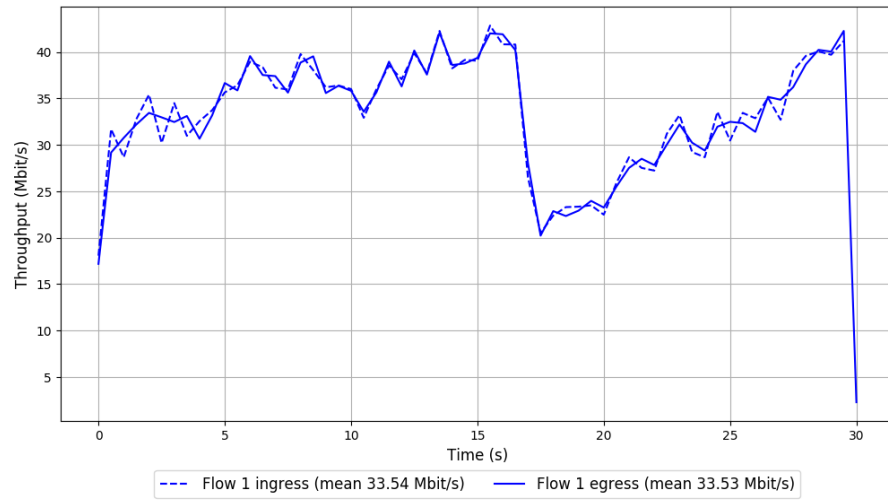


Run 2: Statistics of TCP Vegas

Start at: 2018-02-16 02:55:33
End at: 2018-02-16 02:56:03
Local clock offset: 1.297 ms
Remote clock offset: -1.574 ms

Below is generated by plot.py at 2018-02-16 07:48:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 33.53 Mbit/s
95th percentile per-packet one-way delay: 31.593 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 33.53 Mbit/s
95th percentile per-packet one-way delay: 31.593 ms
Loss rate: 0.01%

Run 2: Report of TCP Vegas — Data Link

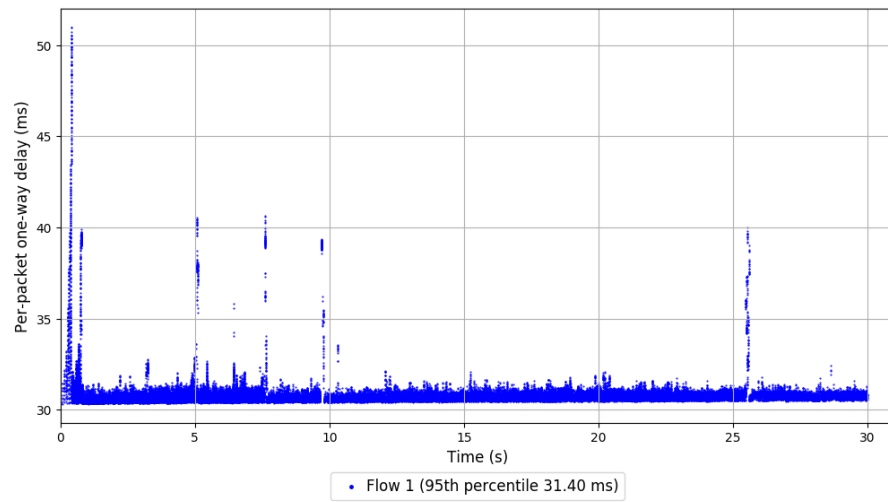
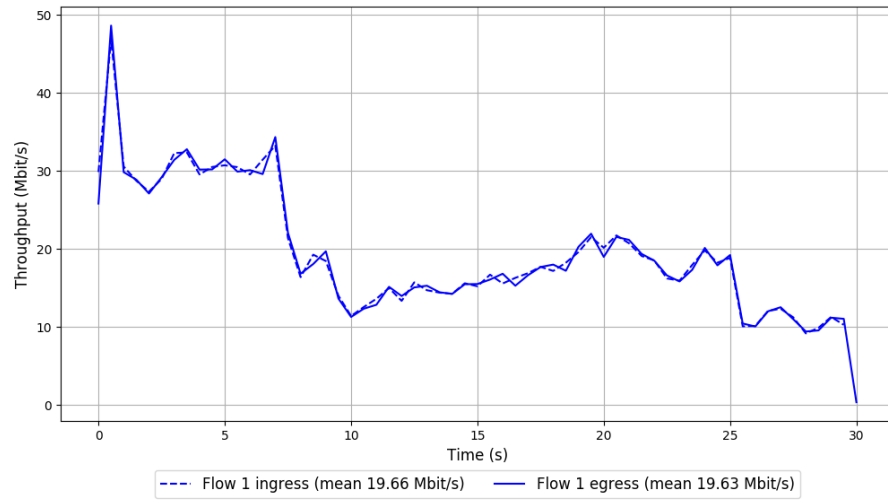


Run 3: Statistics of TCP Vegas

Start at: 2018-02-16 03:25:13
End at: 2018-02-16 03:25:43
Local clock offset: 0.949 ms
Remote clock offset: -8.777 ms

Below is generated by plot.py at 2018-02-16 07:48:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 19.63 Mbit/s
95th percentile per-packet one-way delay: 31.402 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 19.63 Mbit/s
95th percentile per-packet one-way delay: 31.402 ms
Loss rate: 0.16%

Run 3: Report of TCP Vegas — Data Link

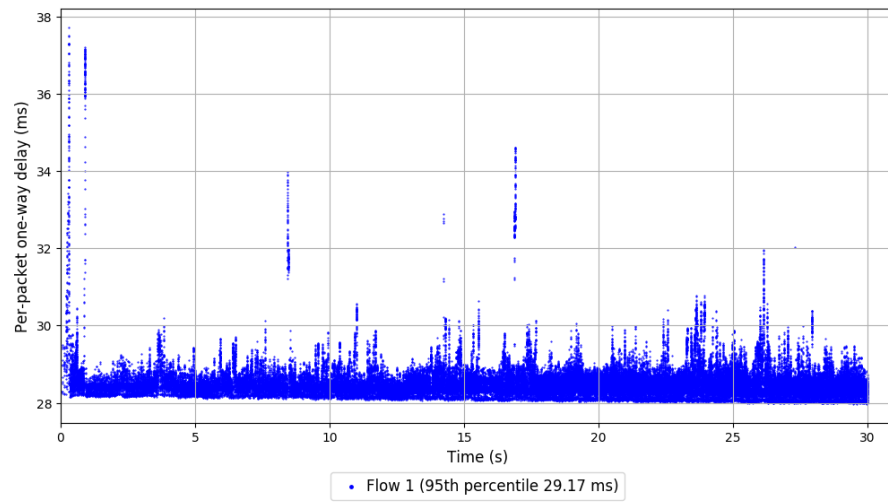
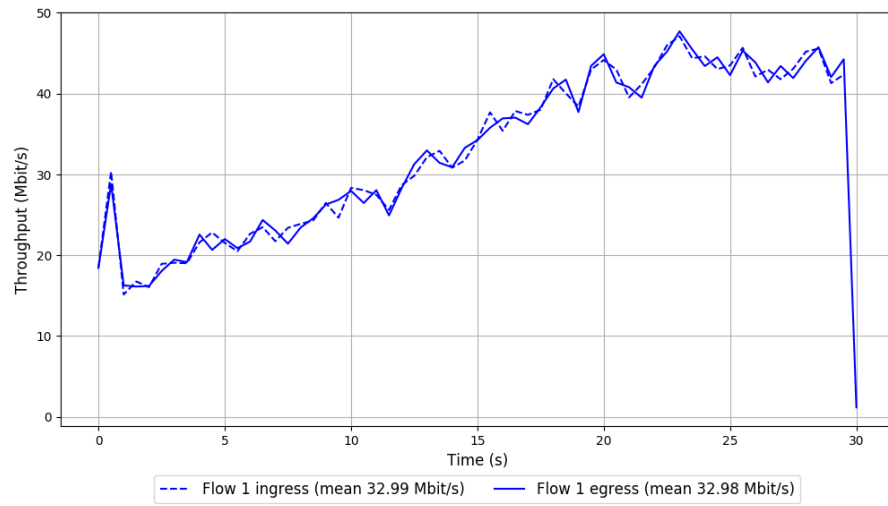


Run 4: Statistics of TCP Vegas

Start at: 2018-02-16 03:56:28
End at: 2018-02-16 03:56:58
Local clock offset: 0.725 ms
Remote clock offset: -6.704 ms

Below is generated by plot.py at 2018-02-16 07:48:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 32.98 Mbit/s
95th percentile per-packet one-way delay: 29.169 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 32.98 Mbit/s
95th percentile per-packet one-way delay: 29.169 ms
Loss rate: 0.01%

Run 4: Report of TCP Vegas — Data Link

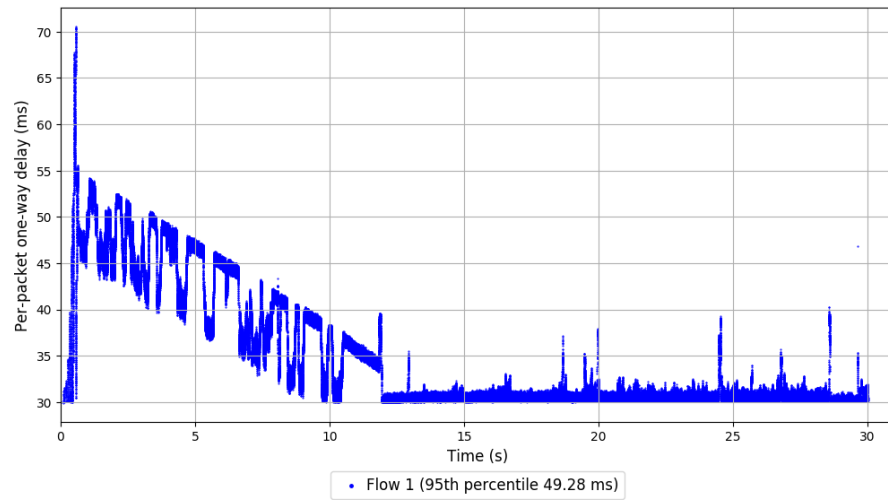
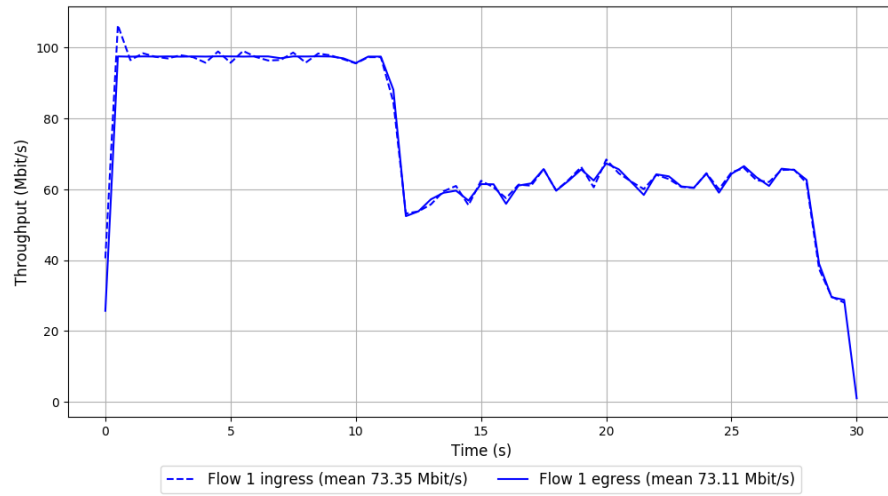


Run 5: Statistics of TCP Vegas

Start at: 2018-02-16 04:29:06
End at: 2018-02-16 04:29:36
Local clock offset: 0.61 ms
Remote clock offset: -6.758 ms

Below is generated by plot.py at 2018-02-16 07:48:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 73.11 Mbit/s
95th percentile per-packet one-way delay: 49.276 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 73.11 Mbit/s
95th percentile per-packet one-way delay: 49.276 ms
Loss rate: 0.33%

Run 5: Report of TCP Vegas — Data Link

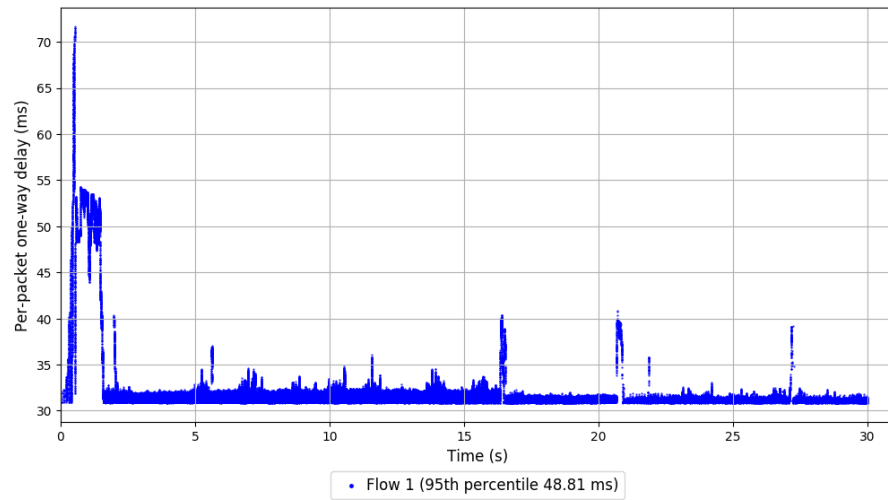
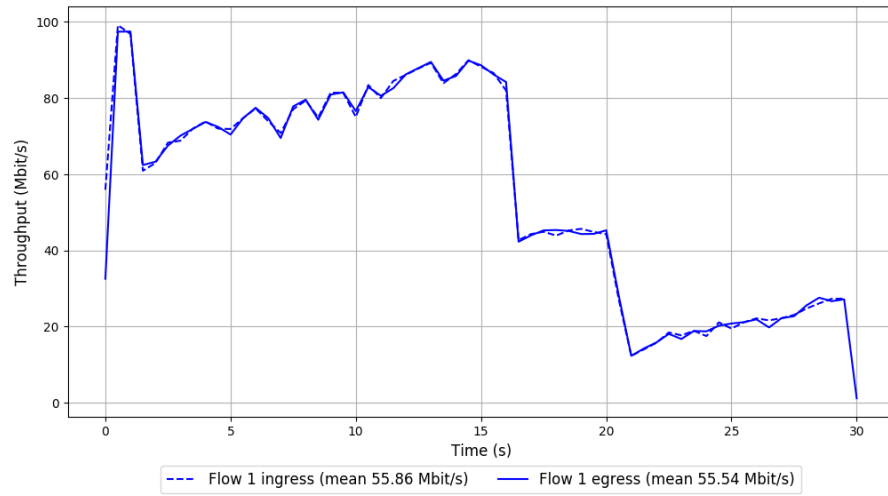


Run 6: Statistics of TCP Vegas

Start at: 2018-02-16 05:00:39
End at: 2018-02-16 05:01:09
Local clock offset: 3.272 ms
Remote clock offset: -8.349 ms

Below is generated by plot.py at 2018-02-16 07:48:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 55.54 Mbit/s
95th percentile per-packet one-way delay: 48.807 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 55.54 Mbit/s
95th percentile per-packet one-way delay: 48.807 ms
Loss rate: 0.58%

Run 6: Report of TCP Vegas — Data Link

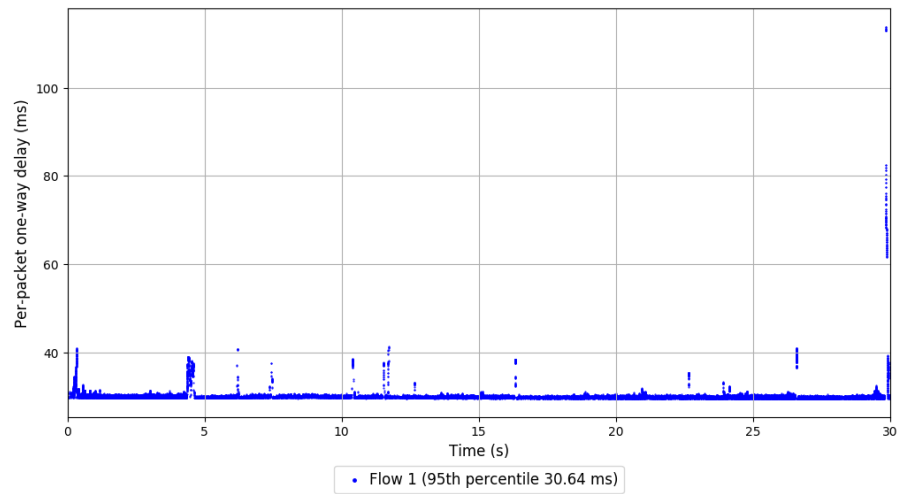
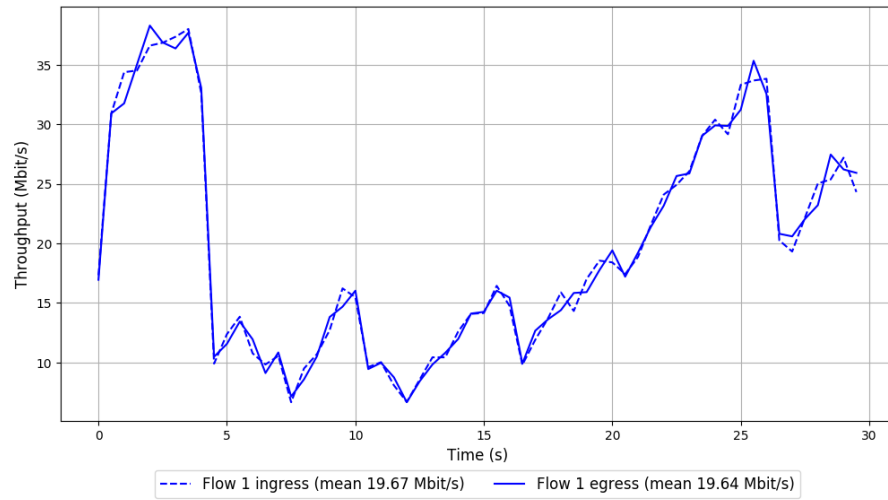


Run 7: Statistics of TCP Vegas

Start at: 2018-02-16 05:30:12
End at: 2018-02-16 05:30:42
Local clock offset: 4.484 ms
Remote clock offset: -6.277 ms

Below is generated by plot.py at 2018-02-16 07:48:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 19.64 Mbit/s
95th percentile per-packet one-way delay: 30.644 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 19.64 Mbit/s
95th percentile per-packet one-way delay: 30.644 ms
Loss rate: 0.14%

Run 7: Report of TCP Vegas — Data Link

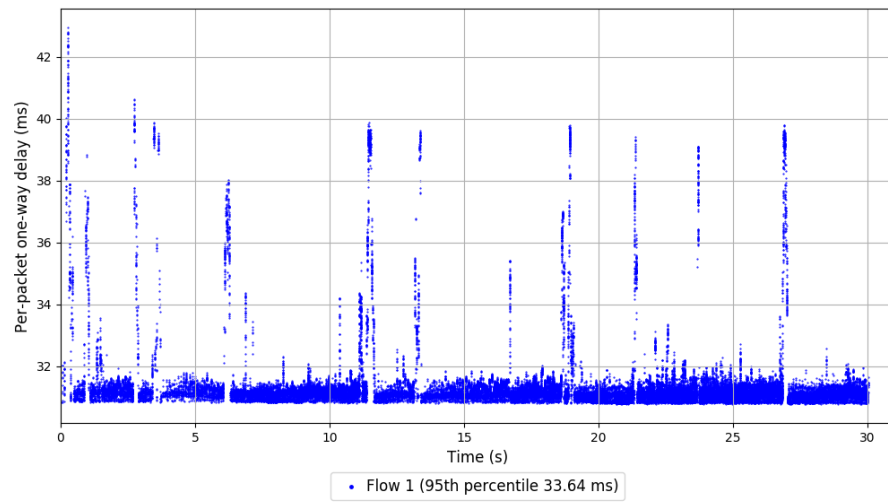
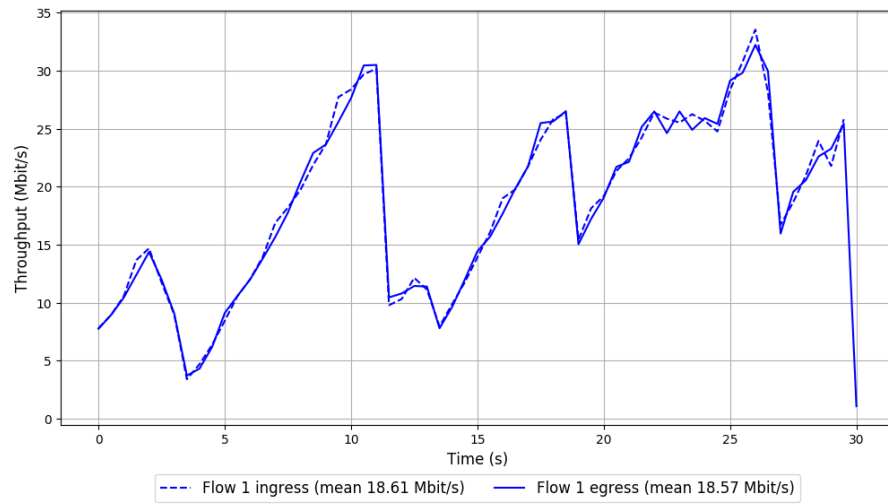


Run 8: Statistics of TCP Vegas

Start at: 2018-02-16 05:56:50
End at: 2018-02-16 05:57:20
Local clock offset: 2.89 ms
Remote clock offset: -1.151 ms

Below is generated by plot.py at 2018-02-16 07:48:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 18.57 Mbit/s
95th percentile per-packet one-way delay: 33.642 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 18.57 Mbit/s
95th percentile per-packet one-way delay: 33.642 ms
Loss rate: 0.20%

Run 8: Report of TCP Vegas — Data Link

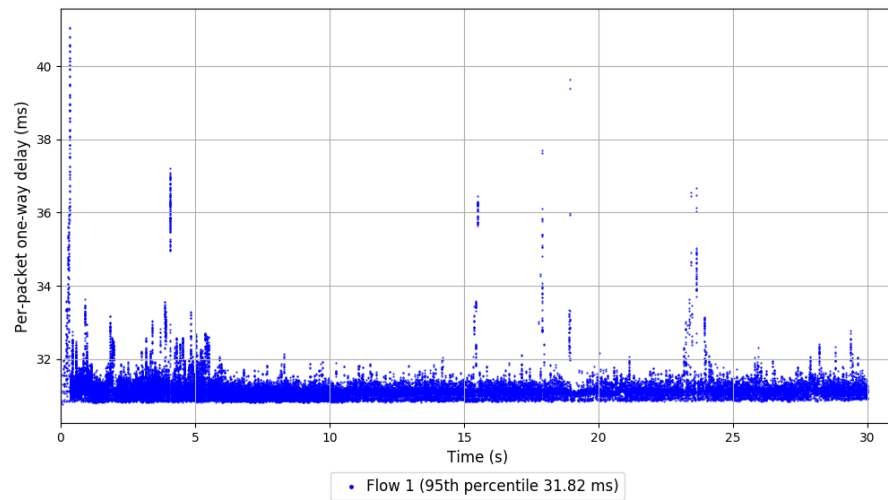
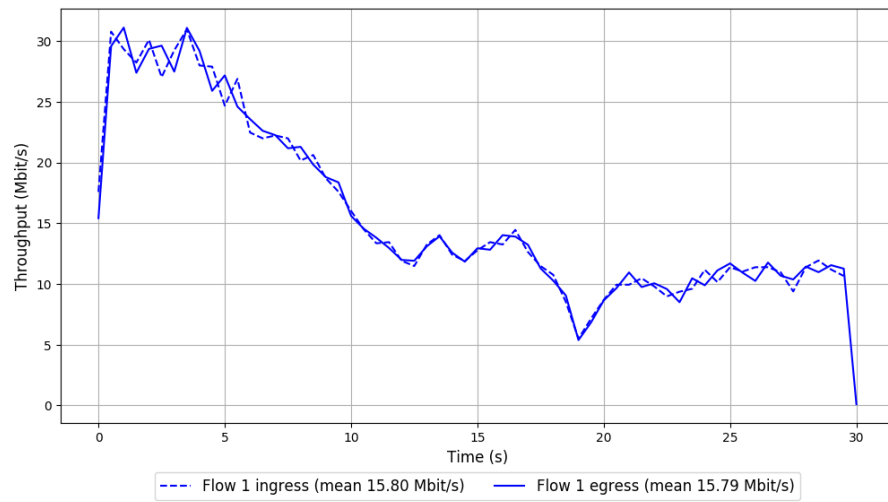


Run 9: Statistics of TCP Vegas

Start at: 2018-02-16 06:24:57
End at: 2018-02-16 06:25:27
Local clock offset: 2.426 ms
Remote clock offset: -4.841 ms

Below is generated by plot.py at 2018-02-16 07:48:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.79 Mbit/s
95th percentile per-packet one-way delay: 31.823 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 15.79 Mbit/s
95th percentile per-packet one-way delay: 31.823 ms
Loss rate: 0.01%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: 2018-02-16 06:51:15

End at: 2018-02-16 06:51:45

Local clock offset: 2.514 ms

Remote clock offset: -1.734 ms

Below is generated by plot.py at 2018-02-16 07:48:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.09 Mbit/s

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

Loss rate: 0.09%

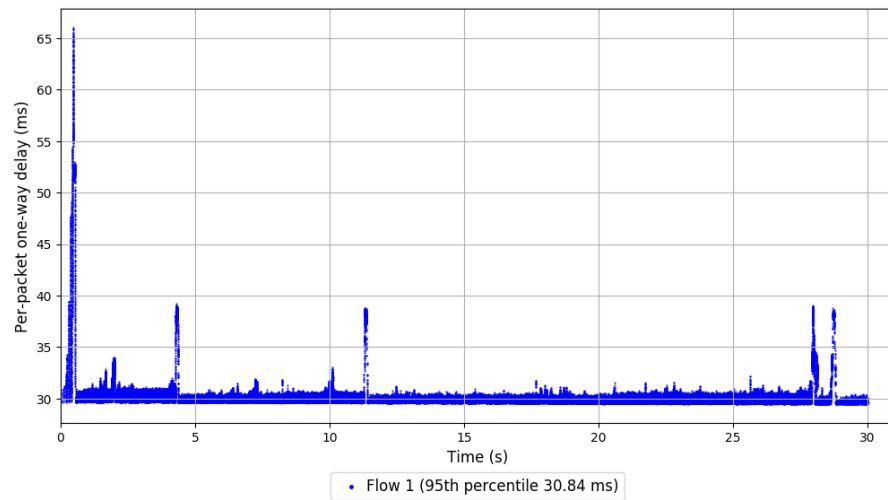
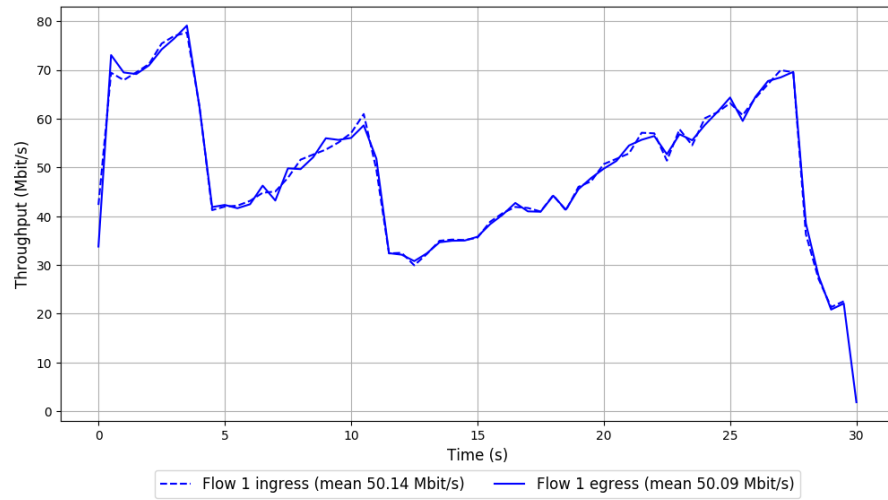
-- Flow 1:

Average throughput: 50.09 Mbit/s

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

Loss rate: 0.09%

Run 10: Report of TCP Vegas — Data Link

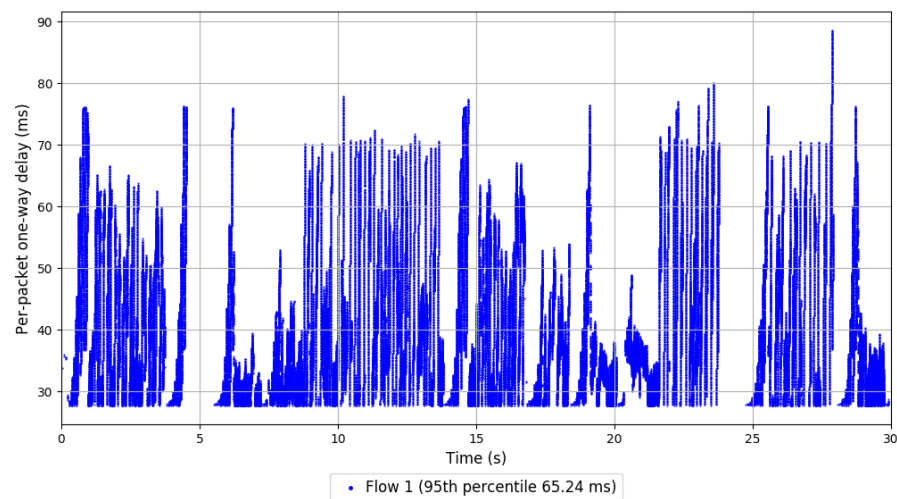
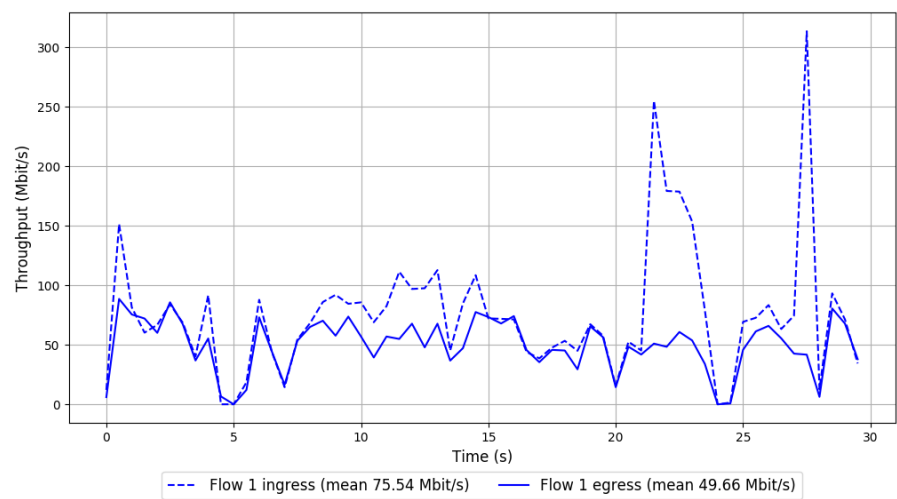


Run 1: Statistics of Verus

Start at: 2018-02-16 02:21:38
End at: 2018-02-16 02:22:08
Local clock offset: 0.532 ms
Remote clock offset: -8.483 ms

Below is generated by plot.py at 2018-02-16 07:48:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 49.66 Mbit/s
95th percentile per-packet one-way delay: 65.244 ms
Loss rate: 34.27%
-- Flow 1:
Average throughput: 49.66 Mbit/s
95th percentile per-packet one-way delay: 65.244 ms
Loss rate: 34.27%

Run 1: Report of Verus — Data Link

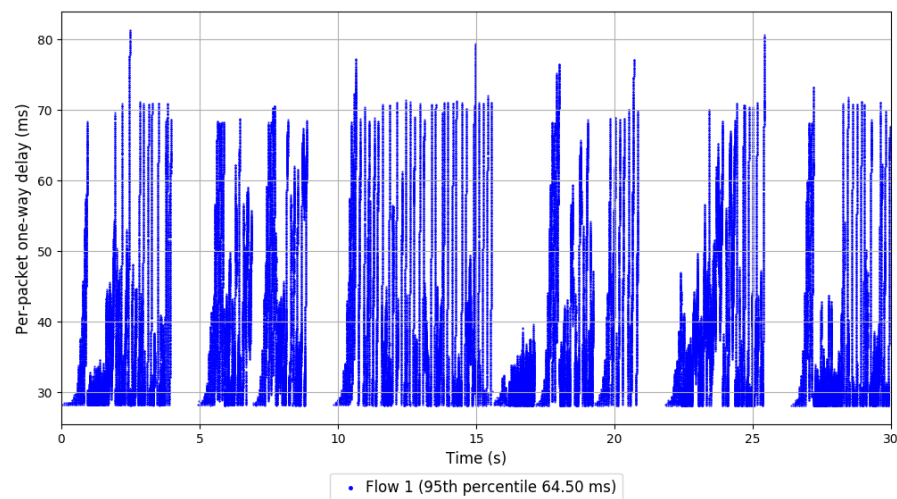
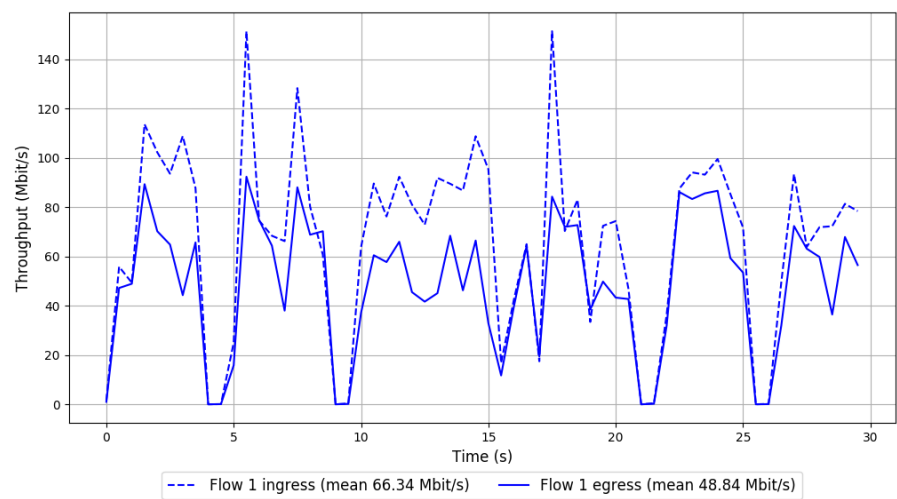


Run 2: Statistics of Verus

Start at: 2018-02-16 02:50:36
End at: 2018-02-16 02:51:06
Local clock offset: 1.483 ms
Remote clock offset: -4.969 ms

Below is generated by plot.py at 2018-02-16 07:48:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 48.84 Mbit/s
95th percentile per-packet one-way delay: 64.498 ms
Loss rate: 26.30%
-- Flow 1:
Average throughput: 48.84 Mbit/s
95th percentile per-packet one-way delay: 64.498 ms
Loss rate: 26.30%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: 2018-02-16 03:20:28

End at: 2018-02-16 03:20:58

Local clock offset: 0.912 ms

Remote clock offset: -6.84 ms

Below is generated by plot.py at 2018-02-16 07:48:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 51.20 Mbit/s

95th percentile per-packet one-way delay: 65.195 ms

Loss rate: 20.31%

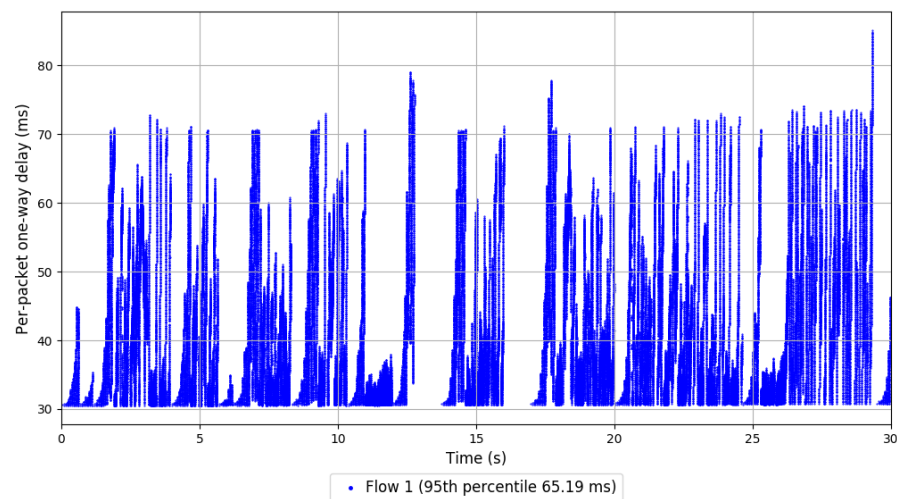
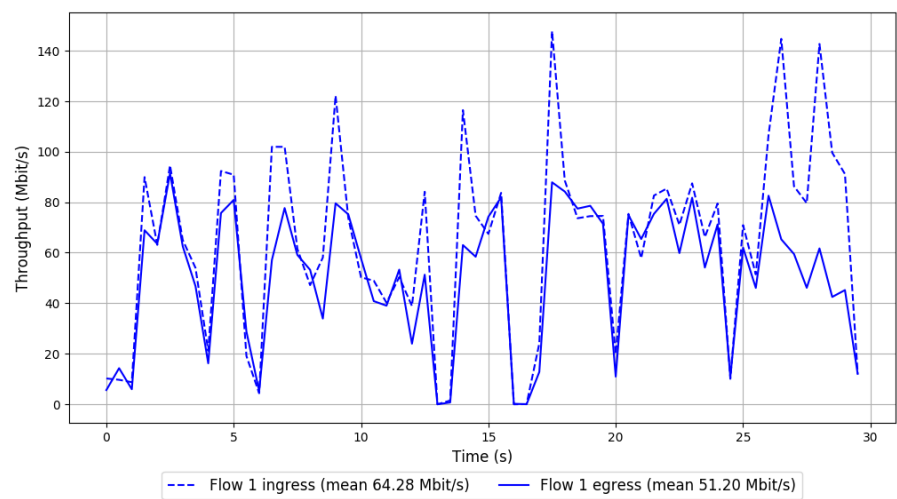
-- Flow 1:

Average throughput: 51.20 Mbit/s

95th percentile per-packet one-way delay: 65.195 ms

Loss rate: 20.31%

Run 3: Report of Verus — Data Link

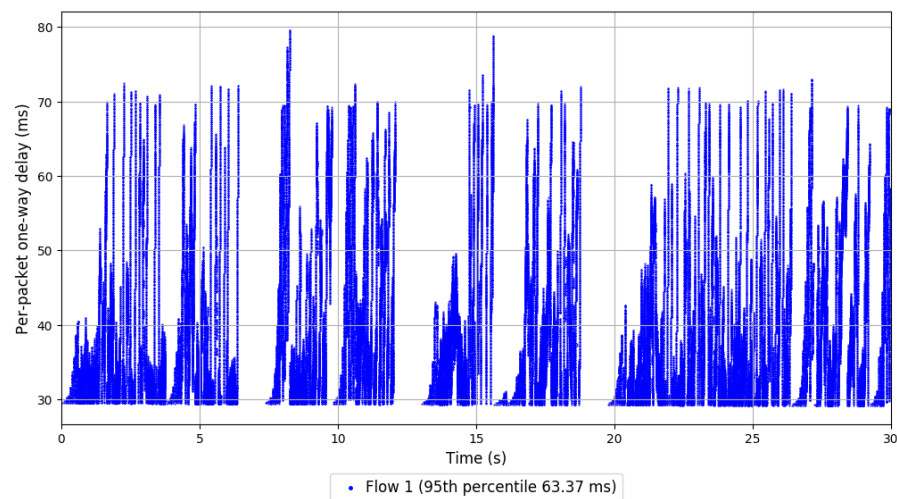
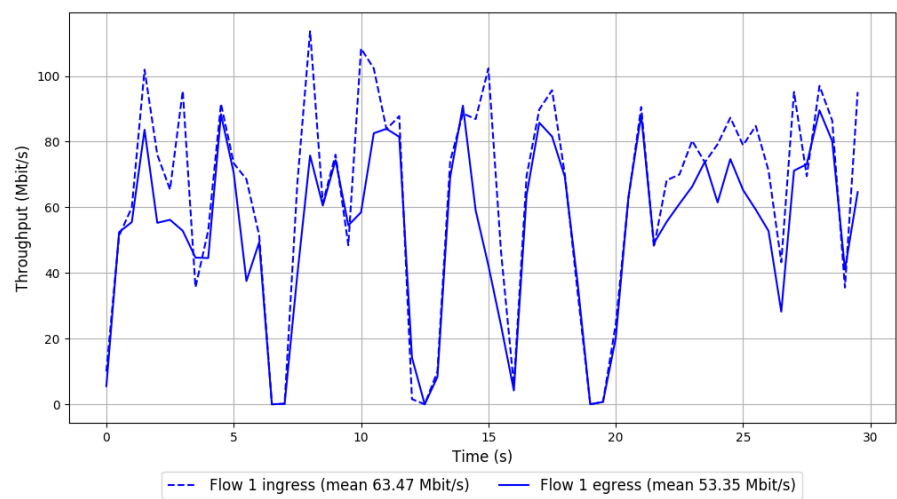


Run 4: Statistics of Verus

Start at: 2018-02-16 03:51:34
End at: 2018-02-16 03:52:04
Local clock offset: 0.696 ms
Remote clock offset: -7.303 ms

Below is generated by plot.py at 2018-02-16 07:48:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 53.35 Mbit/s
95th percentile per-packet one-way delay: 63.374 ms
Loss rate: 15.87%
-- Flow 1:
Average throughput: 53.35 Mbit/s
95th percentile per-packet one-way delay: 63.374 ms
Loss rate: 15.87%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: 2018-02-16 04:24:18

End at: 2018-02-16 04:24:48

Local clock offset: 0.684 ms

Remote clock offset: -4.63 ms

Below is generated by plot.py at 2018-02-16 07:48:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.09 Mbit/s

95th percentile per-packet one-way delay: 67.975 ms

Loss rate: 38.72%

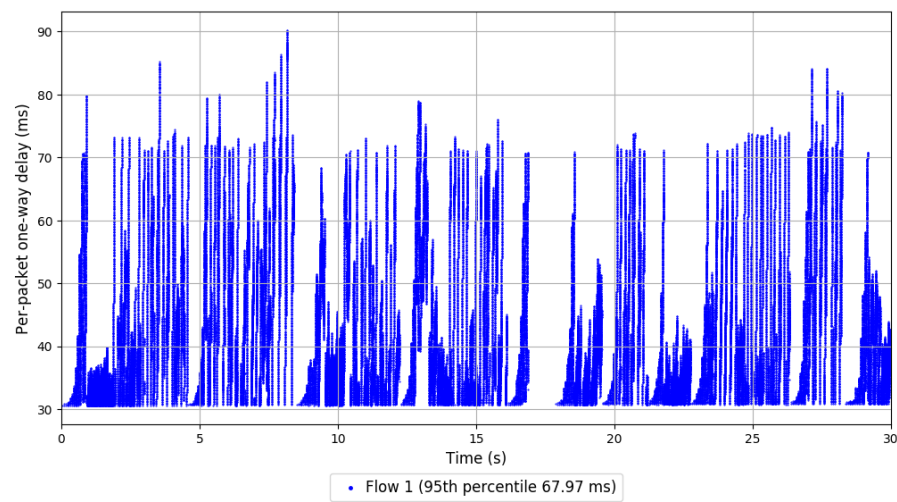
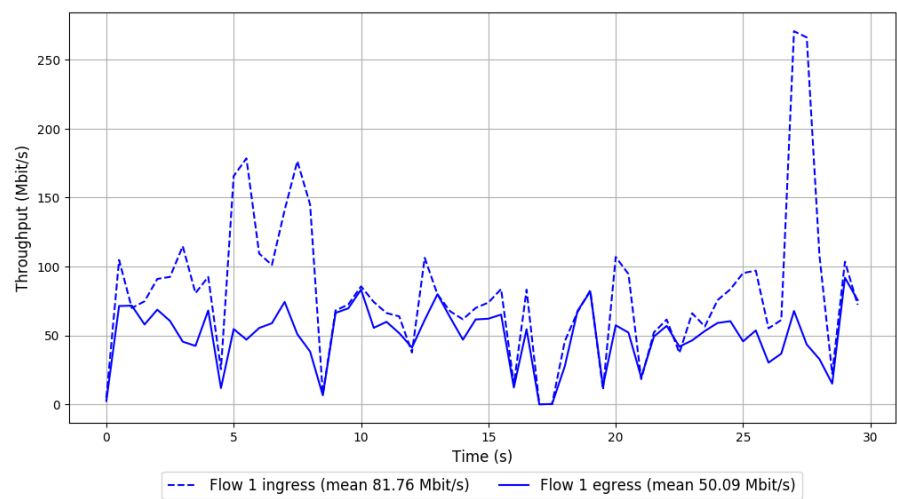
-- Flow 1:

Average throughput: 50.09 Mbit/s

95th percentile per-packet one-way delay: 67.975 ms

Loss rate: 38.72%

Run 5: Report of Verus — Data Link

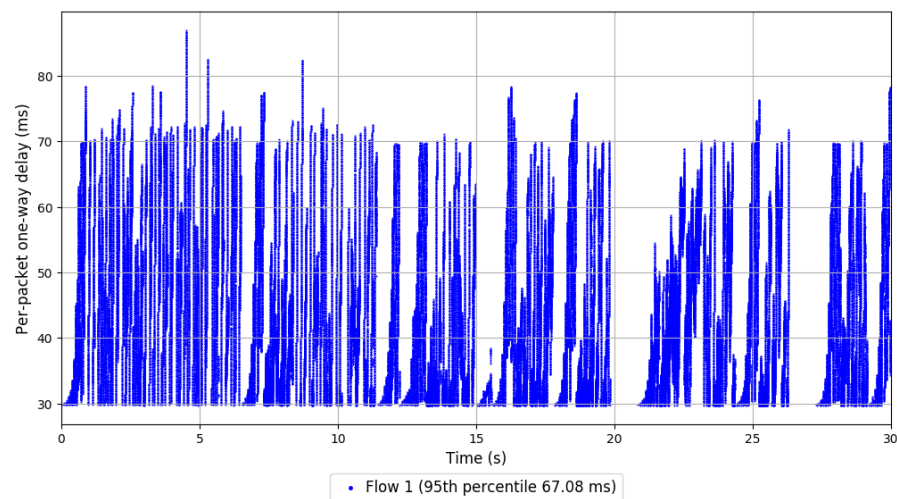
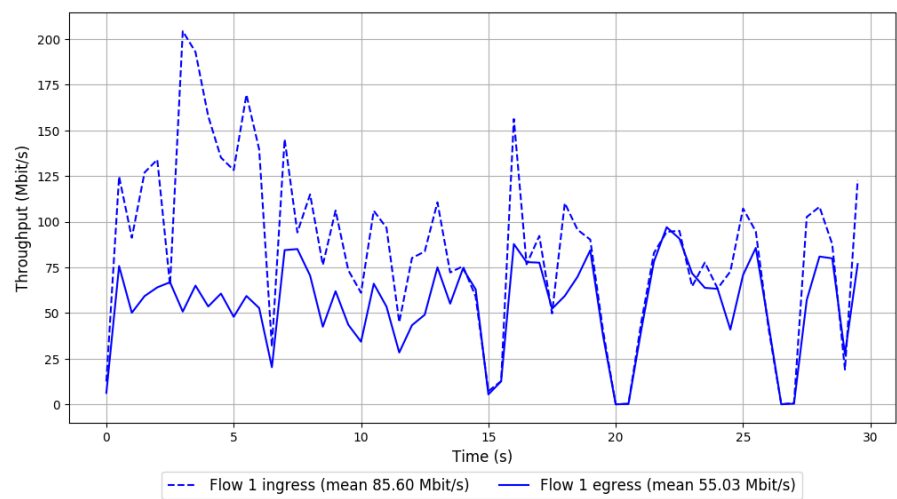


Run 6: Statistics of Verus

Start at: 2018-02-16 04:56:11
End at: 2018-02-16 04:56:41
Local clock offset: 3.021 ms
Remote clock offset: -9.689 ms

Below is generated by plot.py at 2018-02-16 07:48:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 55.03 Mbit/s
95th percentile per-packet one-way delay: 67.085 ms
Loss rate: 35.69%
-- Flow 1:
Average throughput: 55.03 Mbit/s
95th percentile per-packet one-way delay: 67.085 ms
Loss rate: 35.69%

Run 6: Report of Verus — Data Link

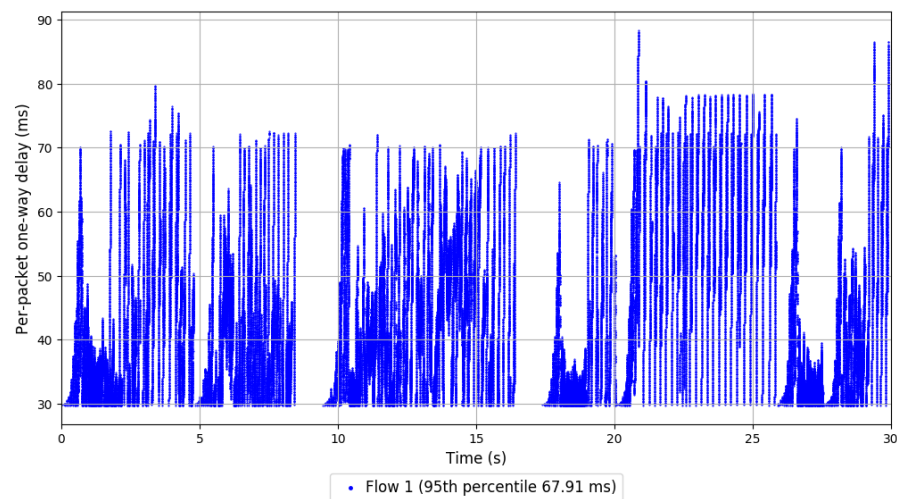
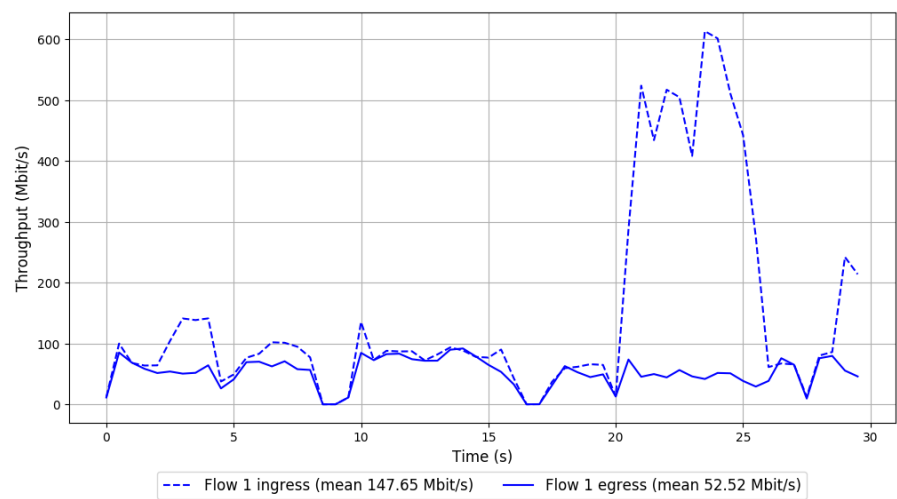


Run 7: Statistics of Verus

Start at: 2018-02-16 05:25:38
End at: 2018-02-16 05:26:08
Local clock offset: 4.294 ms
Remote clock offset: -7.251 ms

Below is generated by plot.py at 2018-02-16 07:48:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 52.52 Mbit/s
95th percentile per-packet one-way delay: 67.910 ms
Loss rate: 64.39%
-- Flow 1:
Average throughput: 52.52 Mbit/s
95th percentile per-packet one-way delay: 67.910 ms
Loss rate: 64.39%

Run 7: Report of Verus — Data Link

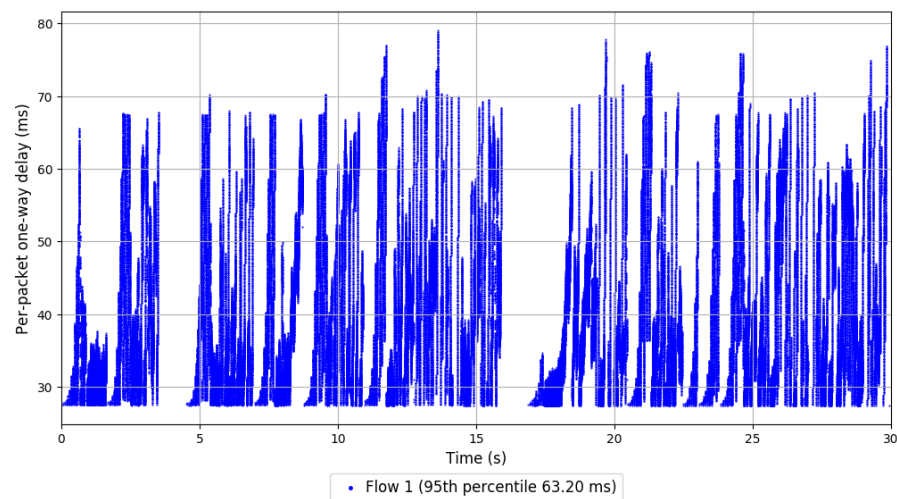
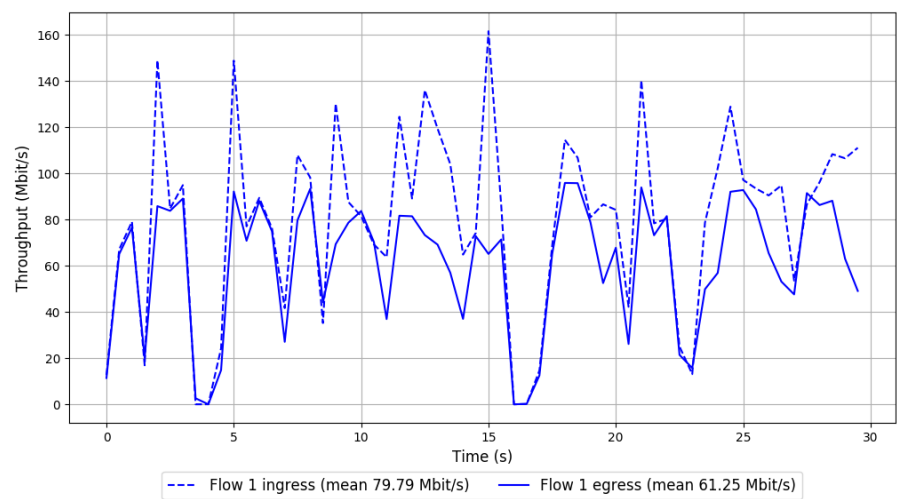


Run 8: Statistics of Verus

Start at: 2018-02-16 05:52:39
End at: 2018-02-16 05:53:10
Local clock offset: 3.165 ms
Remote clock offset: -4.188 ms

Below is generated by plot.py at 2018-02-16 07:48:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 61.25 Mbit/s
95th percentile per-packet one-way delay: 63.198 ms
Loss rate: 23.24%
-- Flow 1:
Average throughput: 61.25 Mbit/s
95th percentile per-packet one-way delay: 63.198 ms
Loss rate: 23.24%

Run 8: Report of Verus — Data Link

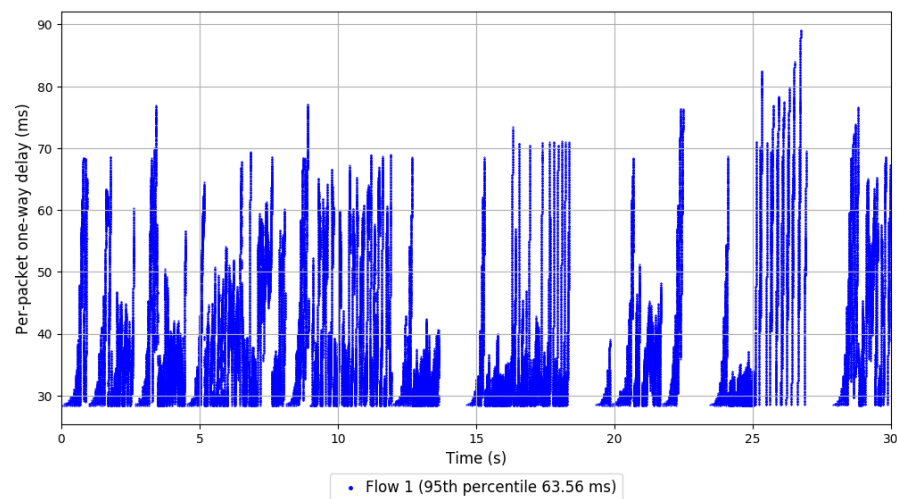
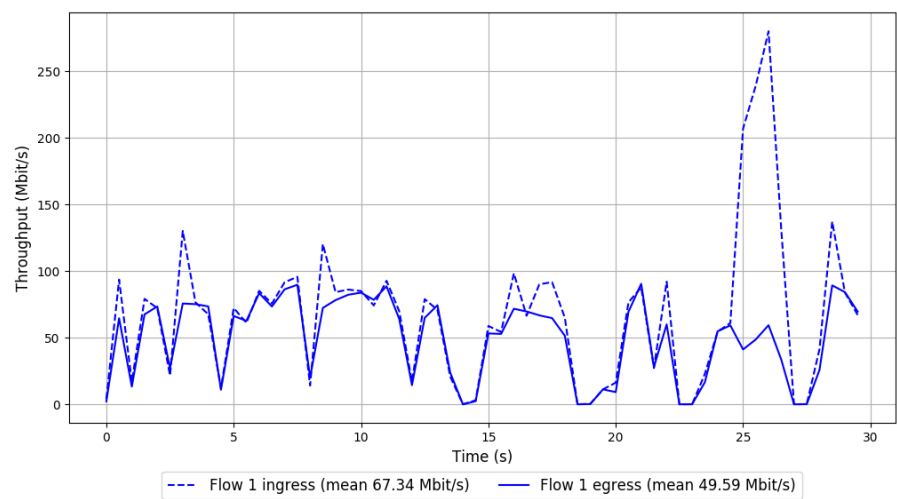


Run 9: Statistics of Verus

Start at: 2018-02-16 06:20:07
End at: 2018-02-16 06:20:37
Local clock offset: 2.282 ms
Remote clock offset: -6.903 ms

Below is generated by plot.py at 2018-02-16 07:48:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 49.59 Mbit/s
95th percentile per-packet one-way delay: 63.565 ms
Loss rate: 26.29%
-- Flow 1:
Average throughput: 49.59 Mbit/s
95th percentile per-packet one-way delay: 63.565 ms
Loss rate: 26.29%

Run 9: Report of Verus — Data Link

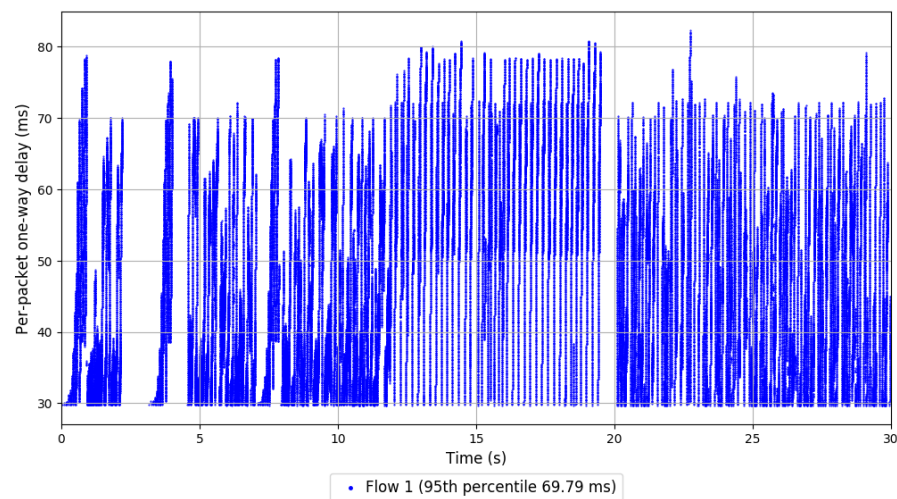
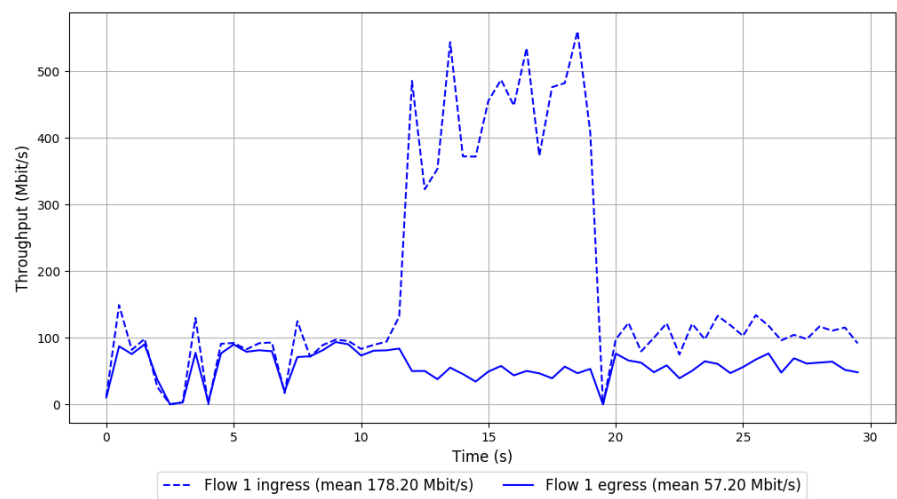


Run 10: Statistics of Verus

Start at: 2018-02-16 06:46:51
End at: 2018-02-16 06:47:21
Local clock offset: 2.444 ms
Remote clock offset: -2.488 ms

Below is generated by plot.py at 2018-02-16 07:49:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 57.20 Mbit/s
95th percentile per-packet one-way delay: 69.788 ms
Loss rate: 67.89%
-- Flow 1:
Average throughput: 57.20 Mbit/s
95th percentile per-packet one-way delay: 69.788 ms
Loss rate: 67.89%

Run 10: Report of Verus — Data Link

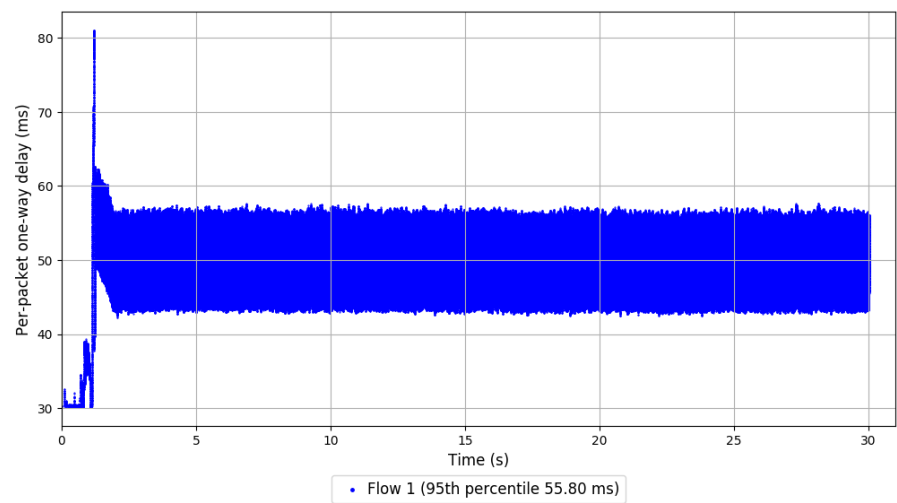
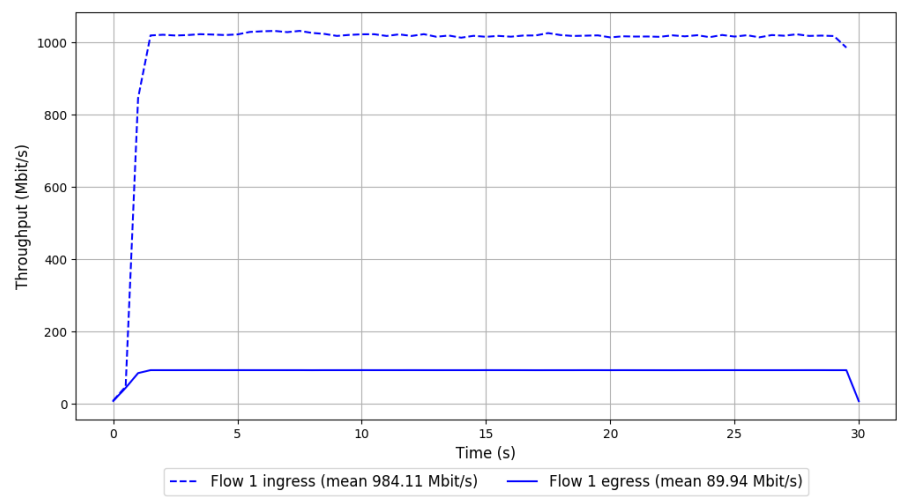


Run 1: Statistics of Copa

Start at: 2018-02-16 02:29:17
End at: 2018-02-16 02:29:47
Local clock offset: 0.983 ms
Remote clock offset: -6.047 ms

Below is generated by plot.py at 2018-02-16 07:57:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.94 Mbit/s
95th percentile per-packet one-way delay: 55.795 ms
Loss rate: 90.85%
-- Flow 1:
Average throughput: 89.94 Mbit/s
95th percentile per-packet one-way delay: 55.795 ms
Loss rate: 90.85%

Run 1: Report of Copa — Data Link

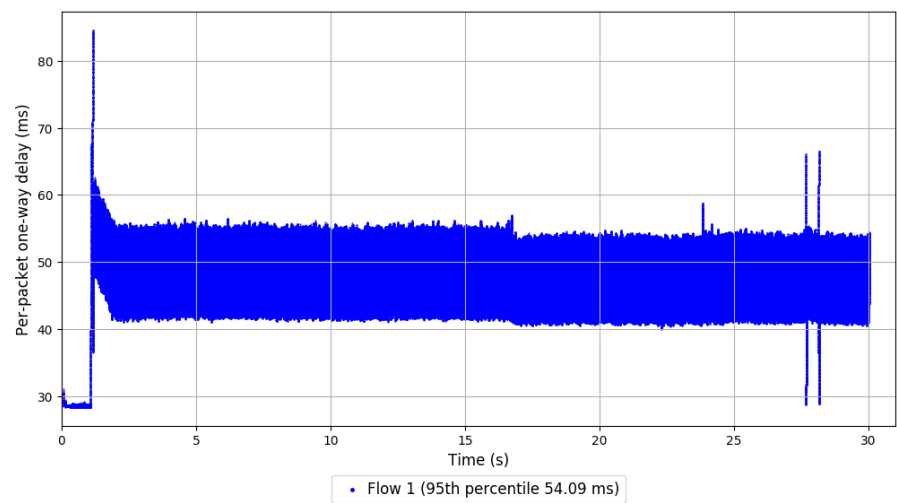
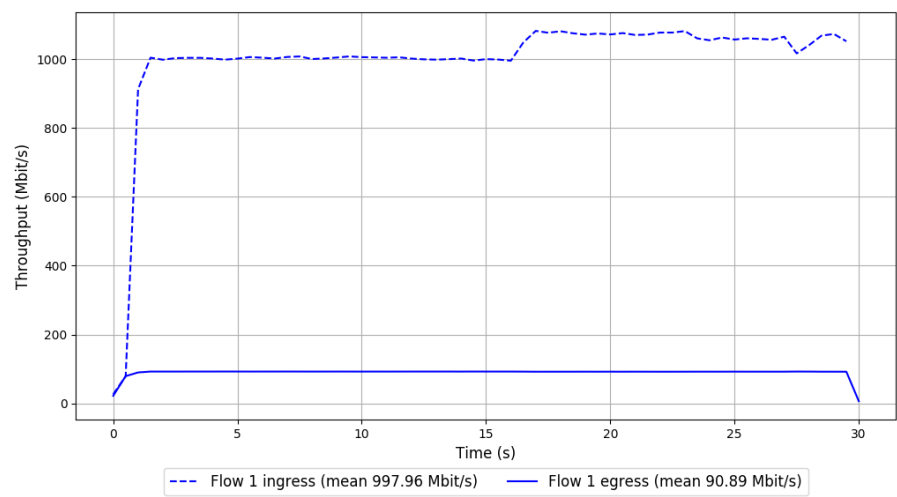


Run 2: Statistics of Copa

Start at: 2018-02-16 02:58:18
End at: 2018-02-16 02:58:48
Local clock offset: 1.039 ms
Remote clock offset: -3.771 ms

Below is generated by plot.py at 2018-02-16 07:57:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.89 Mbit/s
95th percentile per-packet one-way delay: 54.085 ms
Loss rate: 90.89%
-- Flow 1:
Average throughput: 90.89 Mbit/s
95th percentile per-packet one-way delay: 54.085 ms
Loss rate: 90.89%

Run 2: Report of Copa — Data Link

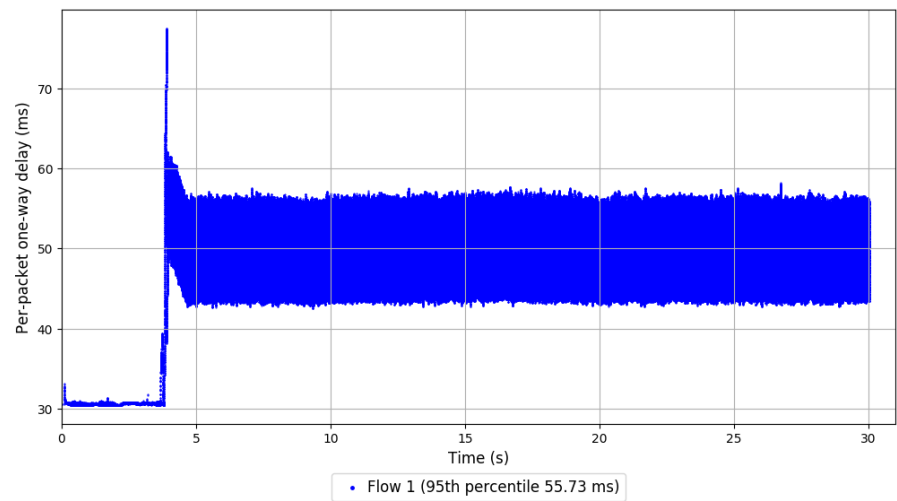
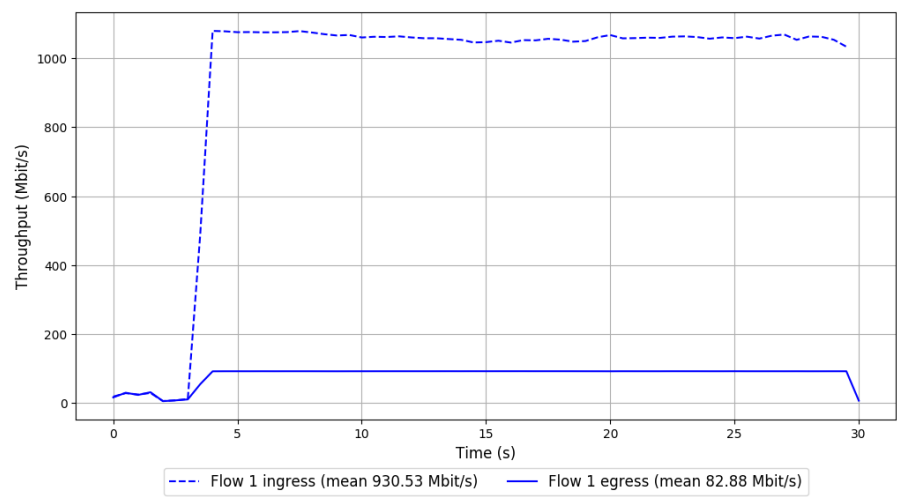


Run 3: Statistics of Copa

Start at: 2018-02-16 03:27:51
End at: 2018-02-16 03:28:21
Local clock offset: 0.924 ms
Remote clock offset: -9.448 ms

Below is generated by plot.py at 2018-02-16 07:57:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.88 Mbit/s
95th percentile per-packet one-way delay: 55.733 ms
Loss rate: 91.09%
-- Flow 1:
Average throughput: 82.88 Mbit/s
95th percentile per-packet one-way delay: 55.733 ms
Loss rate: 91.09%

Run 3: Report of Copa — Data Link

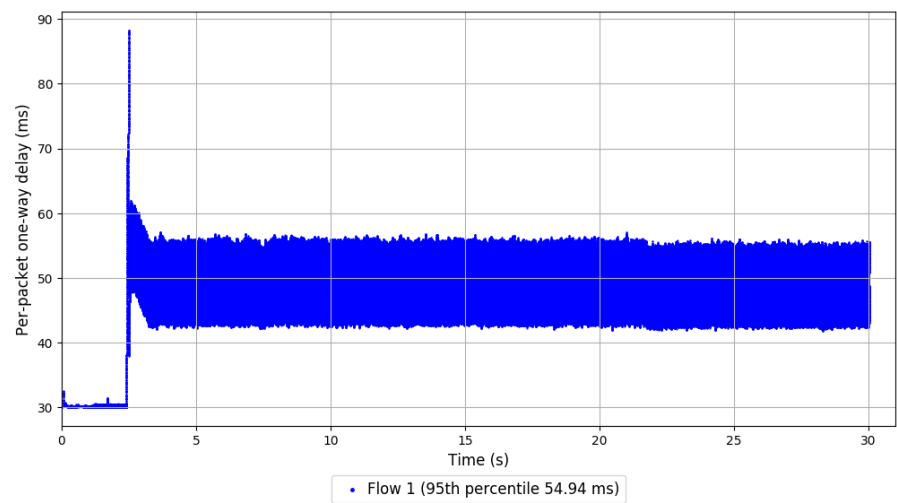
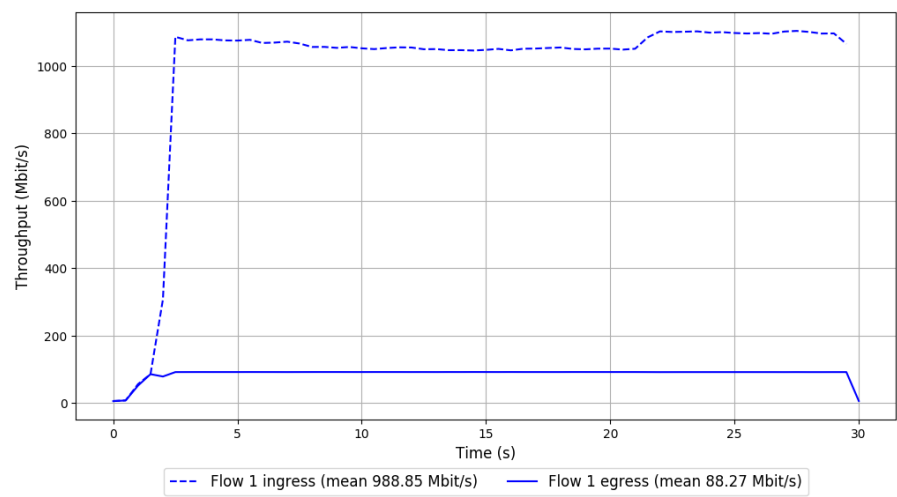


Run 4: Statistics of Copa

Start at: 2018-02-16 03:59:08
End at: 2018-02-16 03:59:38
Local clock offset: 0.73 ms
Remote clock offset: -3.257 ms

Below is generated by plot.py at 2018-02-16 07:57:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.27 Mbit/s
95th percentile per-packet one-way delay: 54.937 ms
Loss rate: 91.07%
-- Flow 1:
Average throughput: 88.27 Mbit/s
95th percentile per-packet one-way delay: 54.937 ms
Loss rate: 91.07%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: 2018-02-16 04:32:00

End at: 2018-02-16 04:32:30

Local clock offset: 0.622 ms

Remote clock offset: -9.85 ms

Below is generated by plot.py at 2018-02-16 07:57:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 57.74 Mbit/s

95th percentile per-packet one-way delay: 54.505 ms

Loss rate: 89.82%

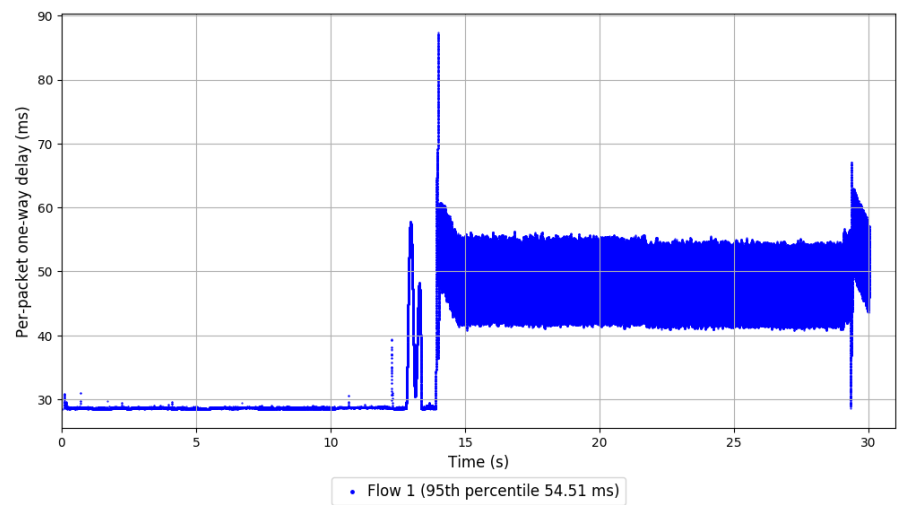
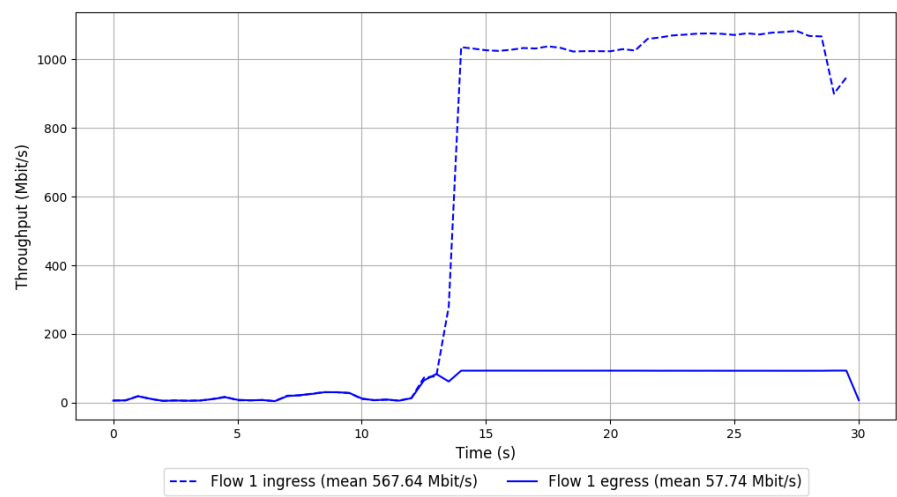
-- Flow 1:

Average throughput: 57.74 Mbit/s

95th percentile per-packet one-way delay: 54.505 ms

Loss rate: 89.82%

Run 5: Report of Copa — Data Link

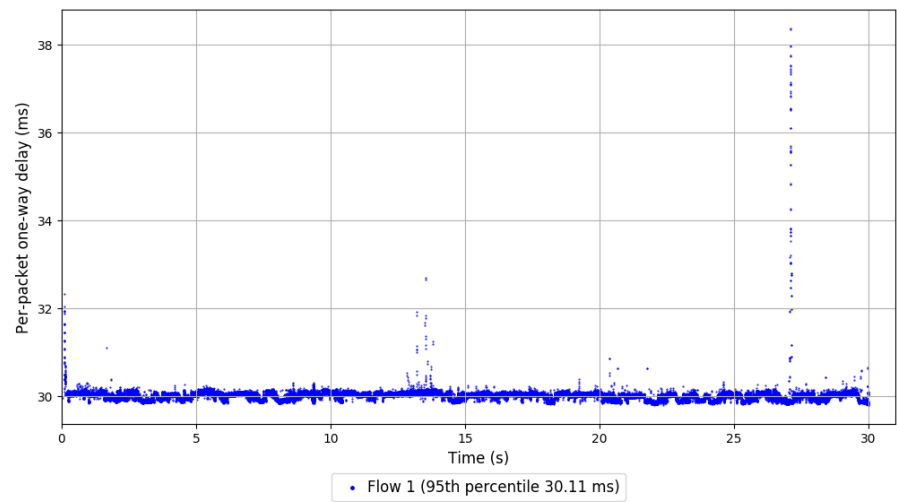
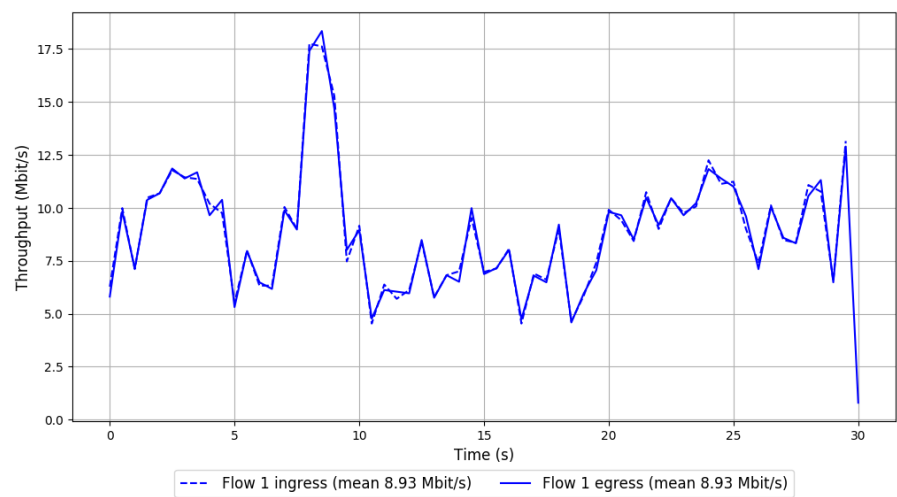


Run 6: Statistics of Copa

Start at: 2018-02-16 05:03:20
End at: 2018-02-16 05:03:50
Local clock offset: 3.396 ms
Remote clock offset: -8.326 ms

Below is generated by plot.py at 2018-02-16 07:57:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 8.93 Mbit/s
95th percentile per-packet one-way delay: 30.107 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 8.93 Mbit/s
95th percentile per-packet one-way delay: 30.107 ms
Loss rate: 0.00%

Run 6: Report of Copa — Data Link

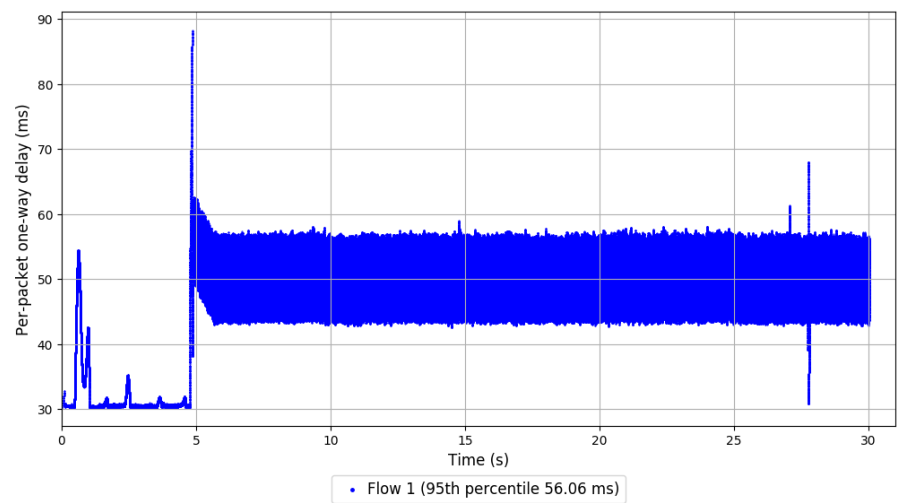
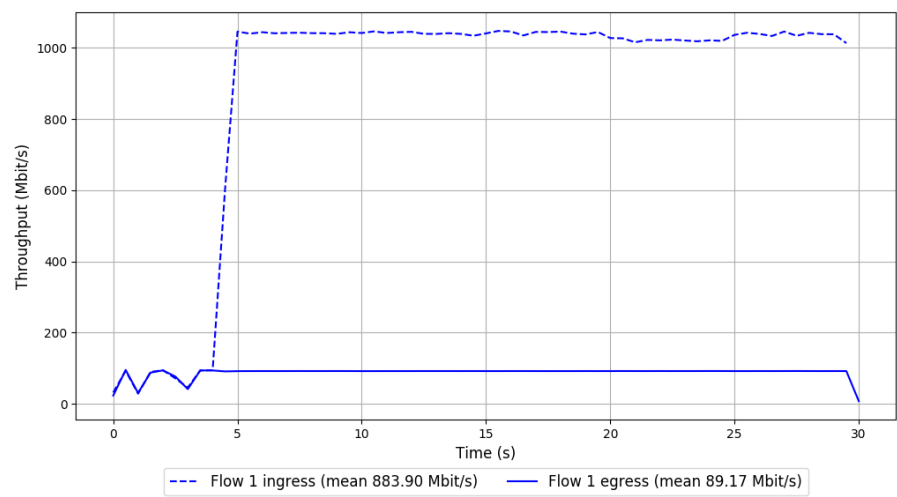


Run 7: Statistics of Copa

Start at: 2018-02-16 05:32:50
End at: 2018-02-16 05:33:20
Local clock offset: 4.666 ms
Remote clock offset: -5.305 ms

Below is generated by plot.py at 2018-02-16 07:57:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.17 Mbit/s
95th percentile per-packet one-way delay: 56.059 ms
Loss rate: 89.90%
-- Flow 1:
Average throughput: 89.17 Mbit/s
95th percentile per-packet one-way delay: 56.059 ms
Loss rate: 89.90%

Run 7: Report of Copa — Data Link

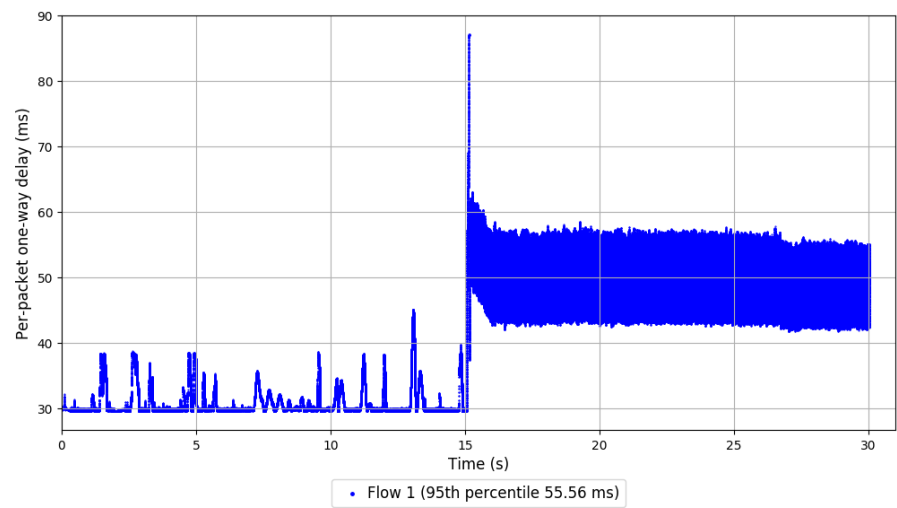
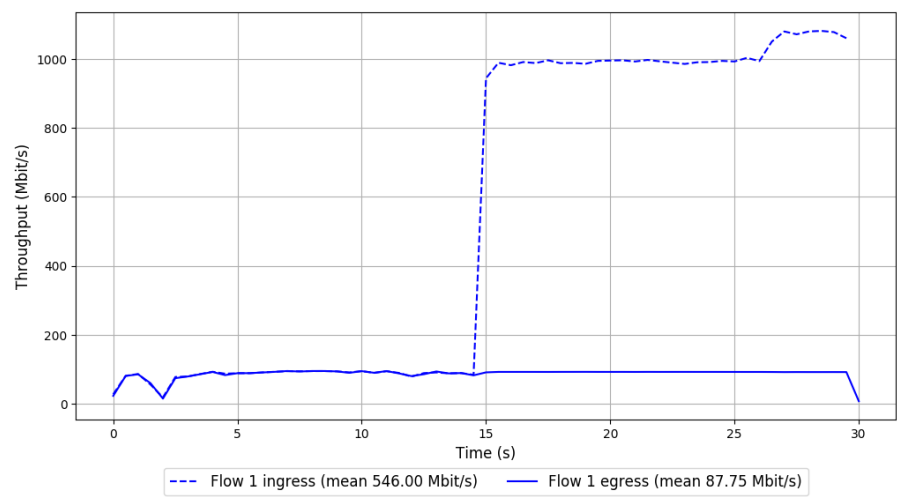


Run 8: Statistics of Copa

Start at: 2018-02-16 05:59:24
End at: 2018-02-16 05:59:54
Local clock offset: 2.722 ms
Remote clock offset: -1.548 ms

Below is generated by plot.py at 2018-02-16 07:57:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.75 Mbit/s
95th percentile per-packet one-way delay: 55.556 ms
Loss rate: 83.92%
-- Flow 1:
Average throughput: 87.75 Mbit/s
95th percentile per-packet one-way delay: 55.556 ms
Loss rate: 83.92%

Run 8: Report of Copa — Data Link

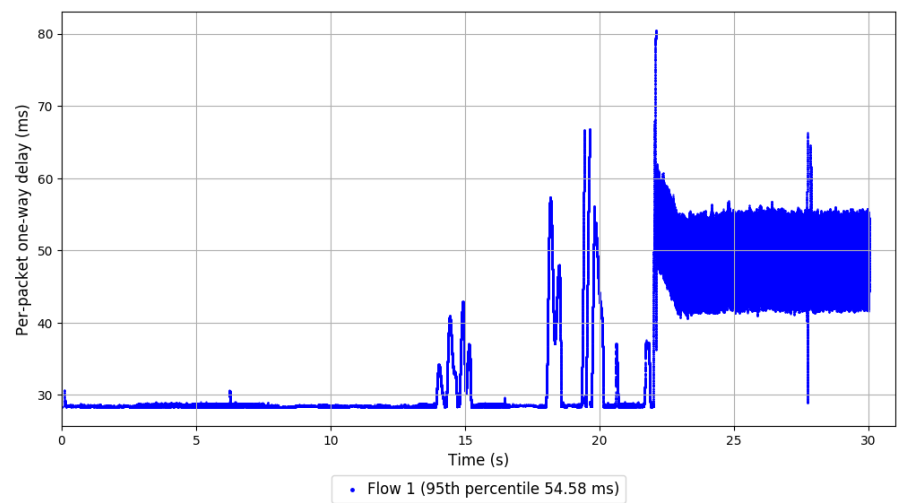
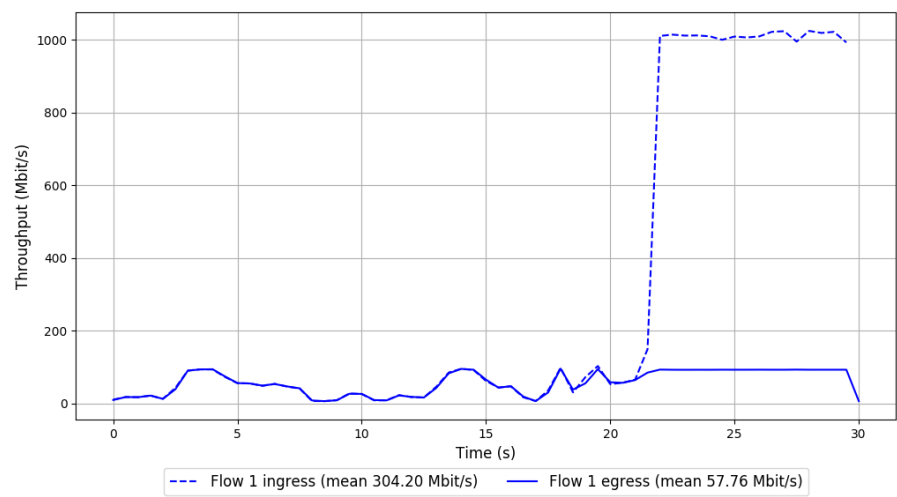


Run 9: Statistics of Copa

Start at: 2018-02-16 06:27:36
End at: 2018-02-16 06:28:06
Local clock offset: 2.473 ms
Remote clock offset: -7.497 ms

Below is generated by plot.py at 2018-02-16 07:57:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 57.76 Mbit/s
95th percentile per-packet one-way delay: 54.577 ms
Loss rate: 81.00%
-- Flow 1:
Average throughput: 57.76 Mbit/s
95th percentile per-packet one-way delay: 54.577 ms
Loss rate: 81.00%

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: 2018-02-16 06:53:58

End at: 2018-02-16 06:54:28

Local clock offset: 1.861 ms

Remote clock offset: -3.358 ms

Below is generated by plot.py at 2018-02-16 08:02:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.45 Mbit/s

95th percentile per-packet one-way delay: 53.793 ms

Loss rate: 90.65%

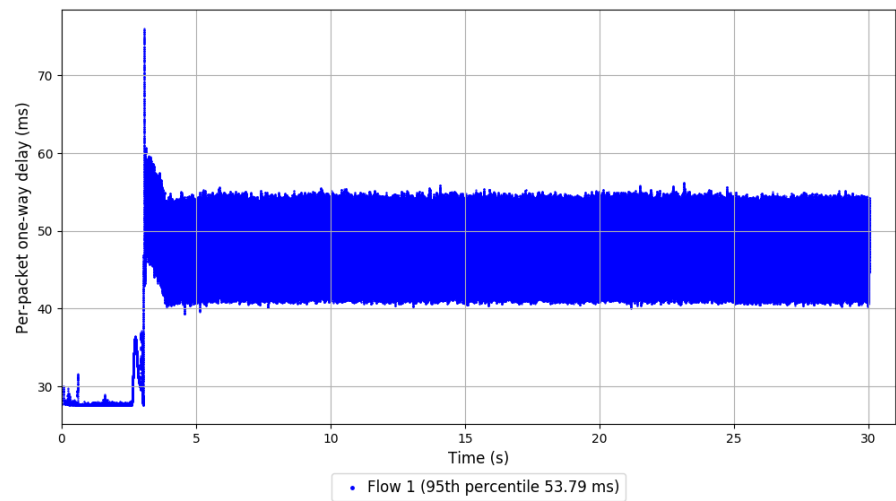
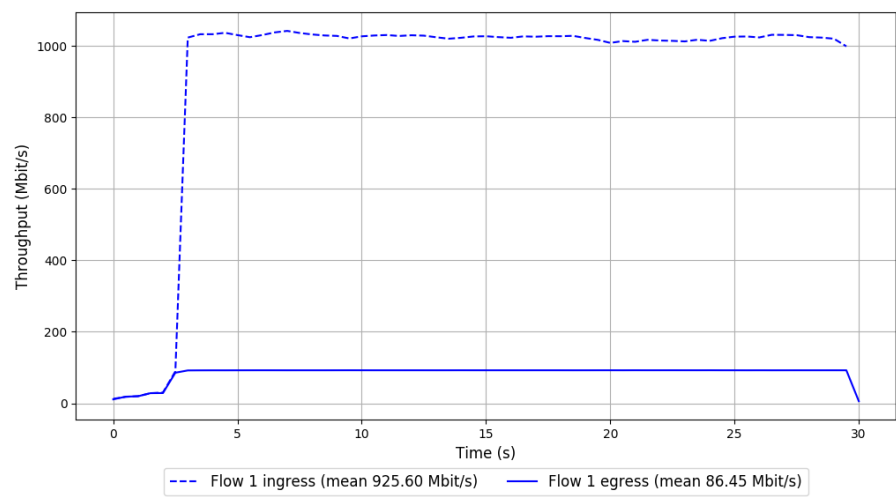
-- Flow 1:

Average throughput: 86.45 Mbit/s

95th percentile per-packet one-way delay: 53.793 ms

Loss rate: 90.65%

Run 10: Report of Copa — Data Link



Run 1: Statistics of FillP

Start at: 2018-02-16 02:24:50

End at: 2018-02-16 02:25:20

Local clock offset: 0.791 ms

Remote clock offset: -8.45 ms

Below is generated by plot.py at 2018-02-16 08:02:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.06 Mbit/s

95th percentile per-packet one-way delay: 66.948 ms

Loss rate: 20.59%

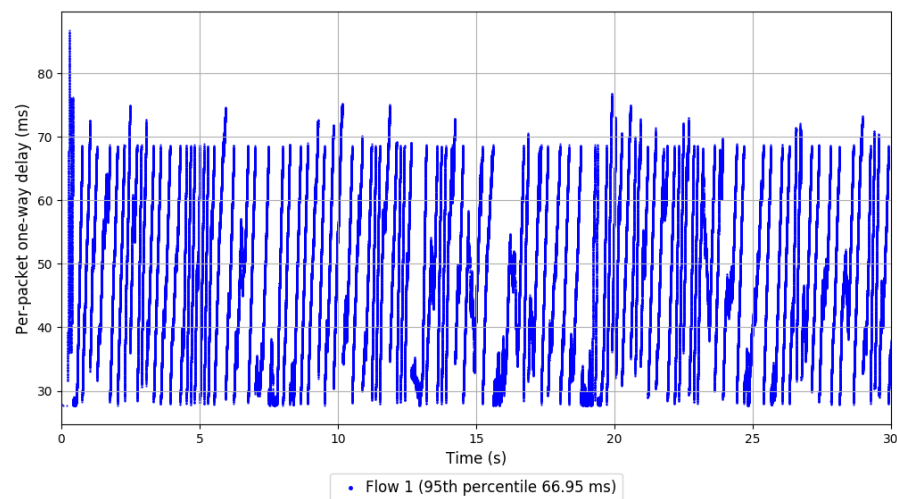
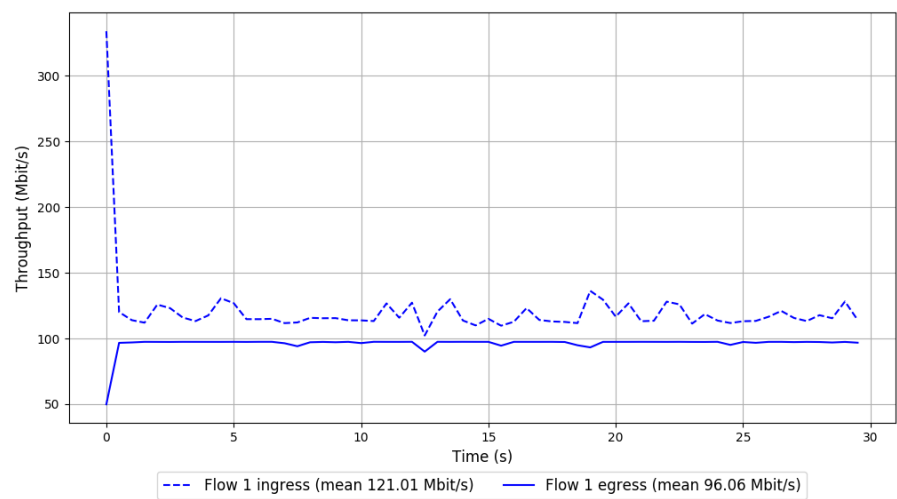
-- Flow 1:

Average throughput: 96.06 Mbit/s

95th percentile per-packet one-way delay: 66.948 ms

Loss rate: 20.59%

Run 1: Report of FillP — Data Link

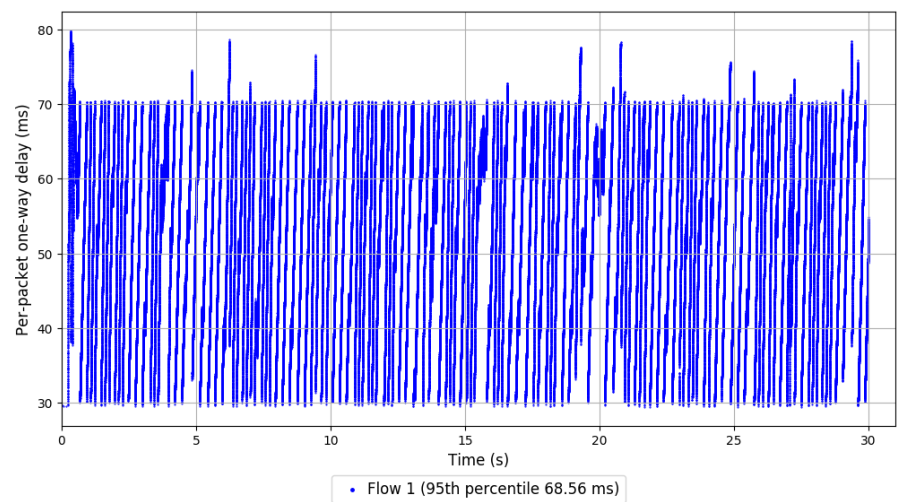
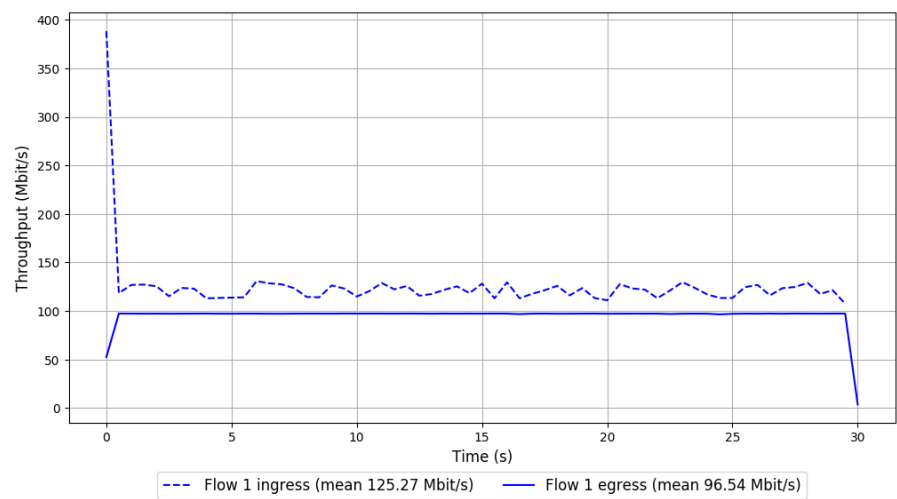


Run 2: Statistics of FillP

Start at: 2018-02-16 02:53:48
End at: 2018-02-16 02:54:18
Local clock offset: 1.451 ms
Remote clock offset: -2.343 ms

Below is generated by plot.py at 2018-02-16 08:02:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.54 Mbit/s
95th percentile per-packet one-way delay: 68.563 ms
Loss rate: 22.87%
-- Flow 1:
Average throughput: 96.54 Mbit/s
95th percentile per-packet one-way delay: 68.563 ms
Loss rate: 22.87%

Run 2: Report of FillP — Data Link

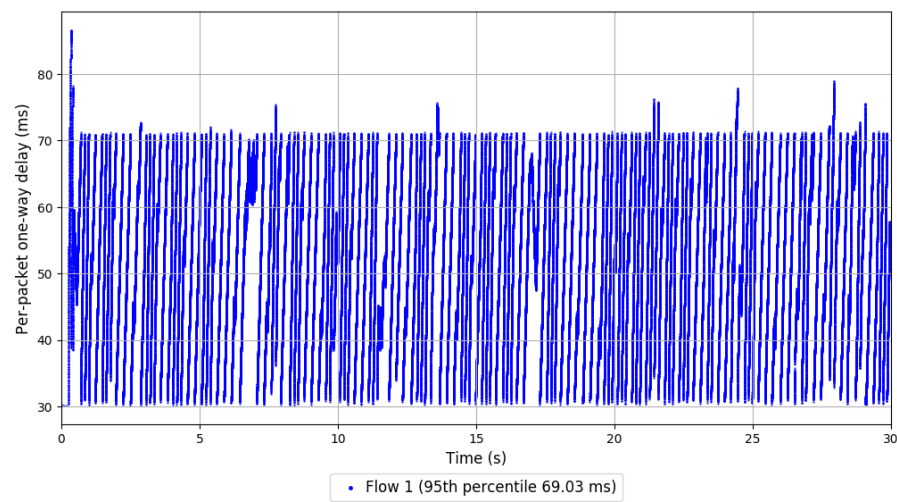
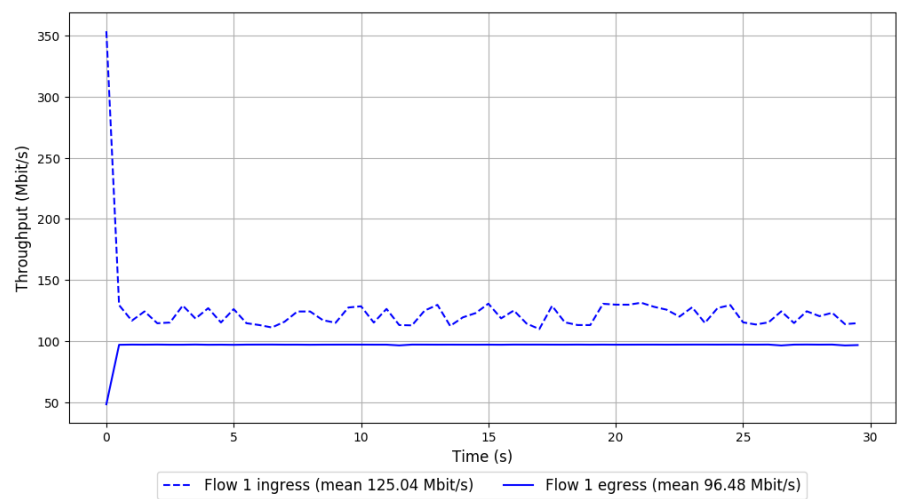


Run 3: Statistics of FillP

Start at: 2018-02-16 03:23:29
End at: 2018-02-16 03:23:59
Local clock offset: 0.929 ms
Remote clock offset: -7.703 ms

Below is generated by plot.py at 2018-02-16 08:02:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.48 Mbit/s
95th percentile per-packet one-way delay: 69.032 ms
Loss rate: 22.77%
-- Flow 1:
Average throughput: 96.48 Mbit/s
95th percentile per-packet one-way delay: 69.032 ms
Loss rate: 22.77%

Run 3: Report of FillP — Data Link

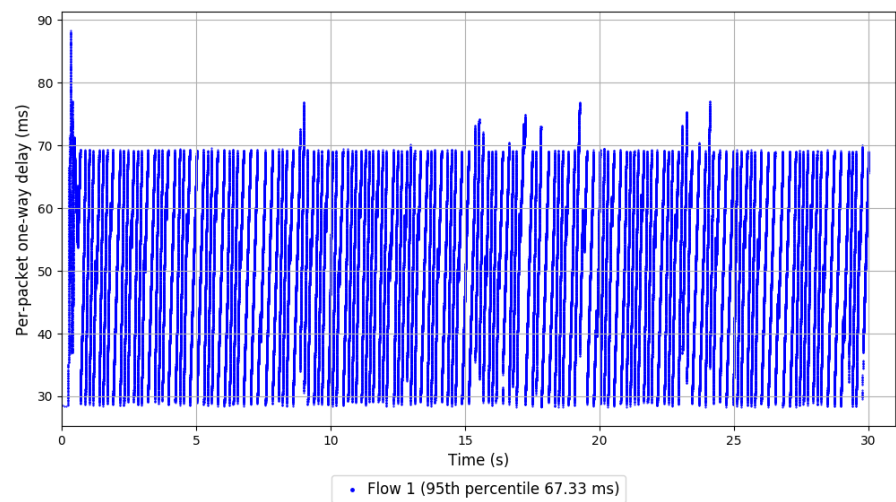
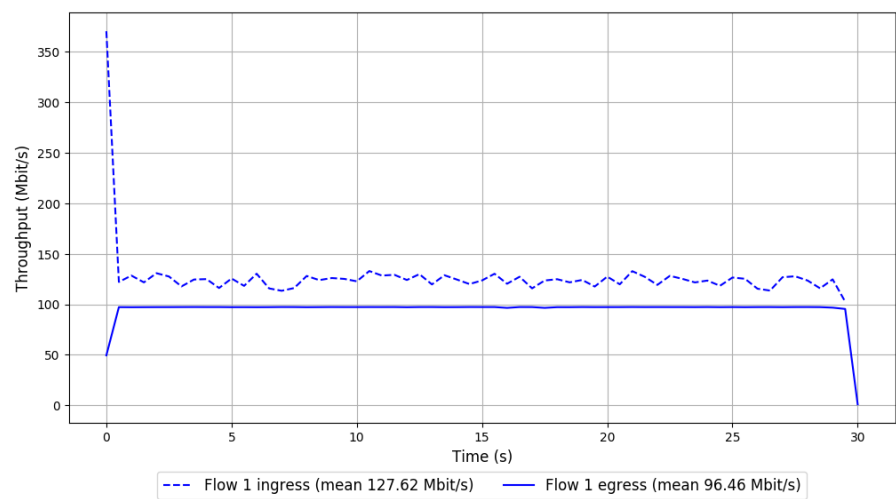


Run 4: Statistics of FillP

Start at: 2018-02-16 03:54:45
End at: 2018-02-16 03:55:15
Local clock offset: 0.623 ms
Remote clock offset: -7.298 ms

Below is generated by plot.py at 2018-02-16 08:02:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.46 Mbit/s
95th percentile per-packet one-way delay: 67.335 ms
Loss rate: 24.32%
-- Flow 1:
Average throughput: 96.46 Mbit/s
95th percentile per-packet one-way delay: 67.335 ms
Loss rate: 24.32%

Run 4: Report of FillP — Data Link

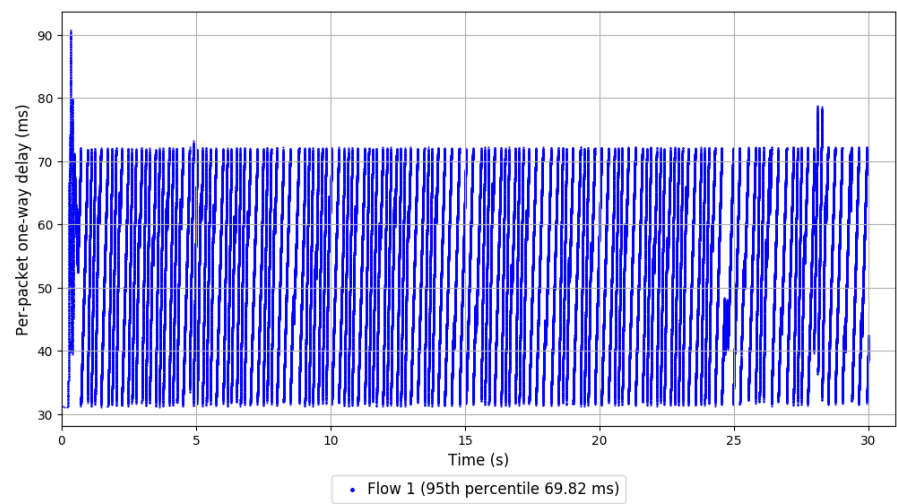
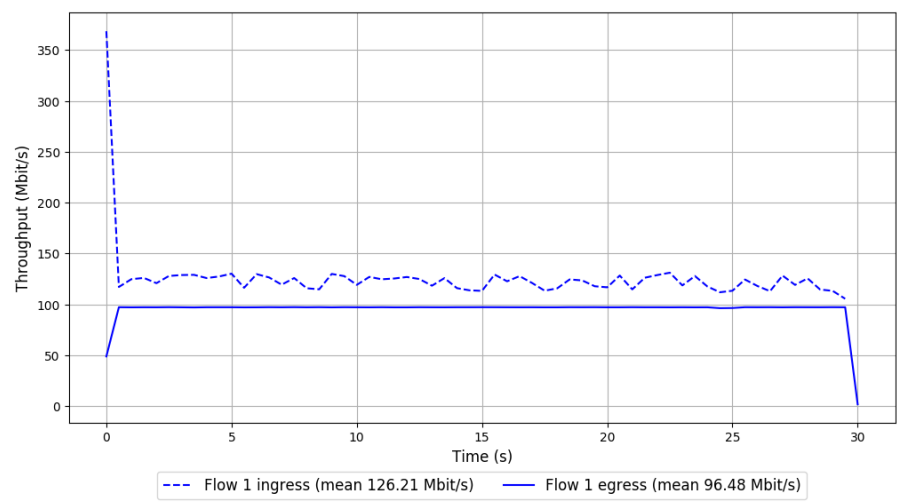


Run 5: Statistics of FillP

Start at: 2018-02-16 04:27:28
End at: 2018-02-16 04:27:58
Local clock offset: 0.698 ms
Remote clock offset: -5.568 ms

Below is generated by plot.py at 2018-02-16 08:02:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.48 Mbit/s
95th percentile per-packet one-way delay: 69.819 ms
Loss rate: 23.53%
-- Flow 1:
Average throughput: 96.48 Mbit/s
95th percentile per-packet one-way delay: 69.819 ms
Loss rate: 23.53%

Run 5: Report of FillP — Data Link

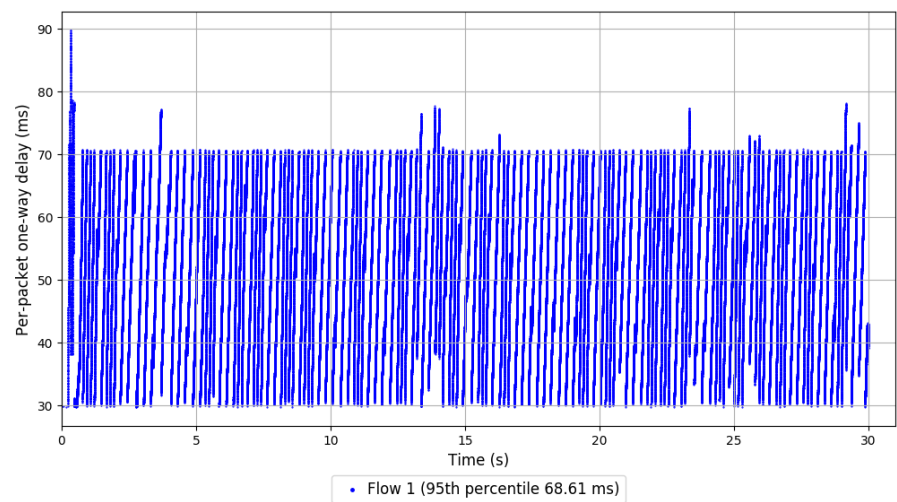
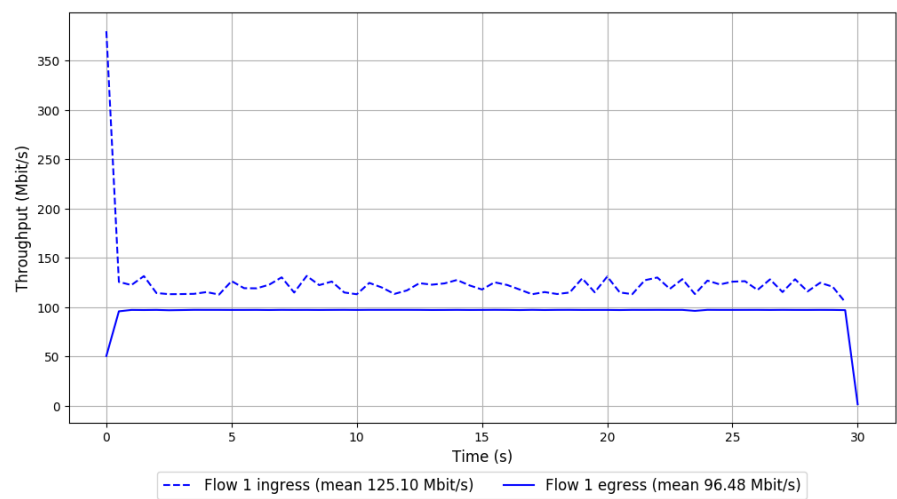


Run 6: Statistics of FillP

Start at: 2018-02-16 04:59:10
End at: 2018-02-16 04:59:40
Local clock offset: 3.2 ms
Remote clock offset: -8.982 ms

Below is generated by plot.py at 2018-02-16 08:02:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.48 Mbit/s
95th percentile per-packet one-way delay: 68.608 ms
Loss rate: 22.84%
-- Flow 1:
Average throughput: 96.48 Mbit/s
95th percentile per-packet one-way delay: 68.608 ms
Loss rate: 22.84%

Run 6: Report of FillP — Data Link

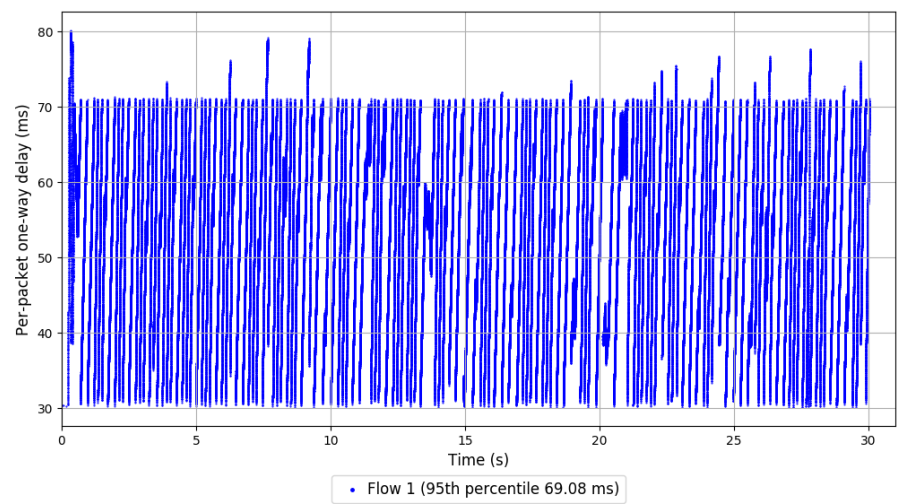
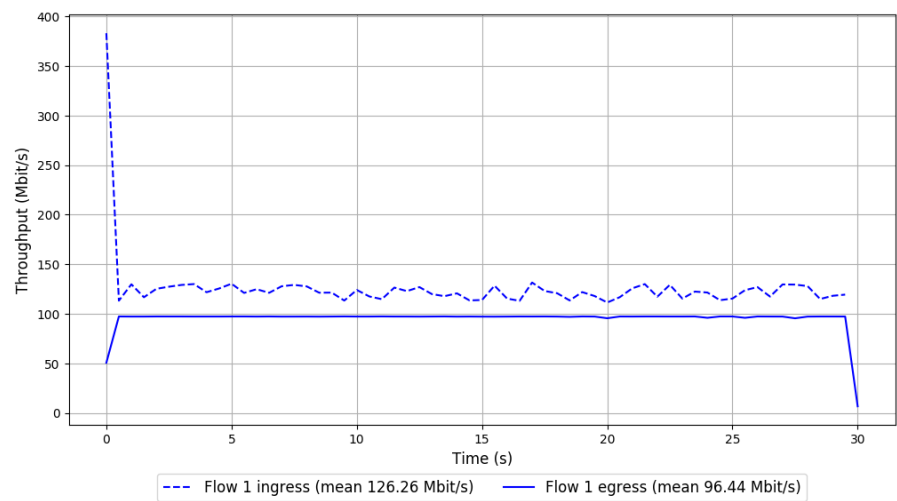


Run 7: Statistics of FillP

Start at: 2018-02-16 05:28:42
End at: 2018-02-16 05:29:12
Local clock offset: 4.497 ms
Remote clock offset: -6.995 ms

Below is generated by plot.py at 2018-02-16 08:02:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.44 Mbit/s
95th percentile per-packet one-way delay: 69.075 ms
Loss rate: 23.52%
-- Flow 1:
Average throughput: 96.44 Mbit/s
95th percentile per-packet one-way delay: 69.075 ms
Loss rate: 23.52%

Run 7: Report of FillP — Data Link

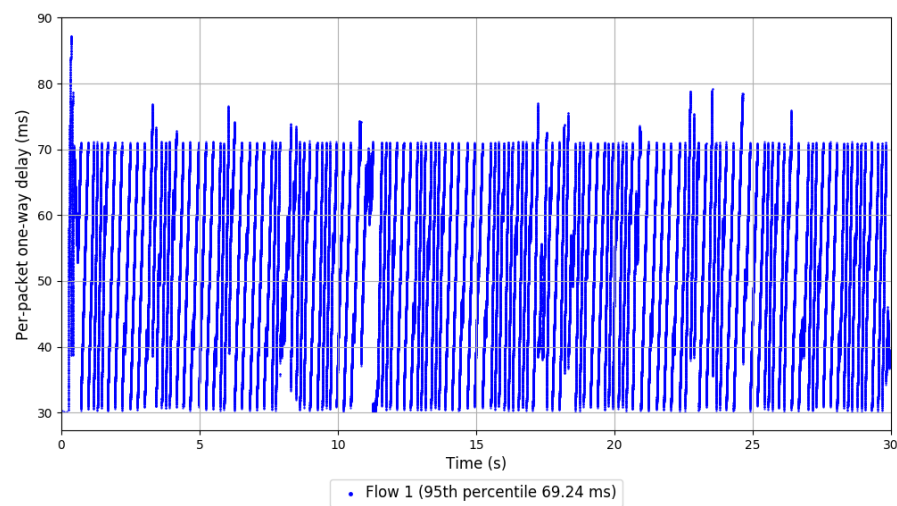
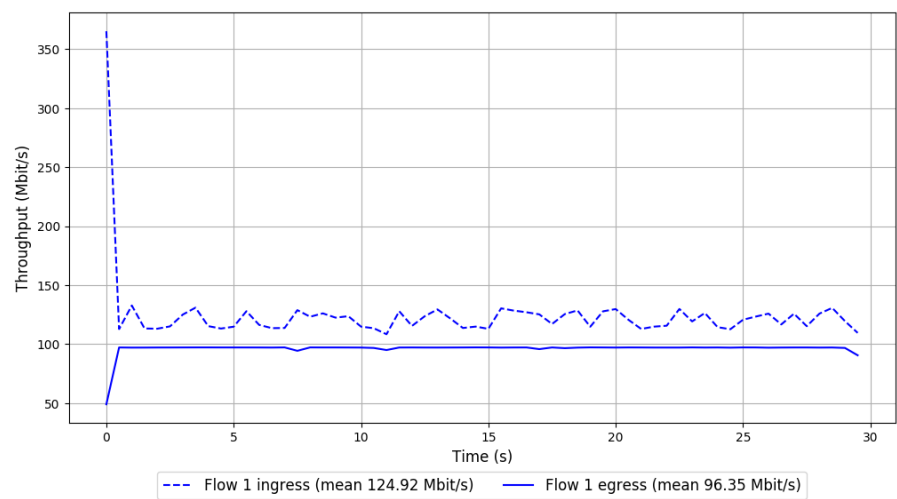


Run 8: Statistics of FillP

Start at: 2018-02-16 05:55:25
End at: 2018-02-16 05:55:55
Local clock offset: 3.024 ms
Remote clock offset: -1.837 ms

Below is generated by plot.py at 2018-02-16 08:02:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.35 Mbit/s
95th percentile per-packet one-way delay: 69.242 ms
Loss rate: 22.85%
-- Flow 1:
Average throughput: 96.35 Mbit/s
95th percentile per-packet one-way delay: 69.242 ms
Loss rate: 22.85%

Run 8: Report of FillP — Data Link

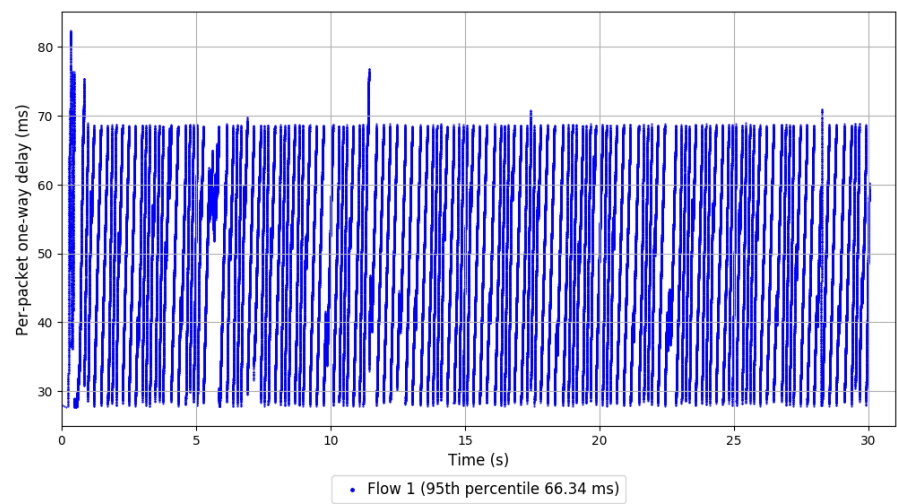
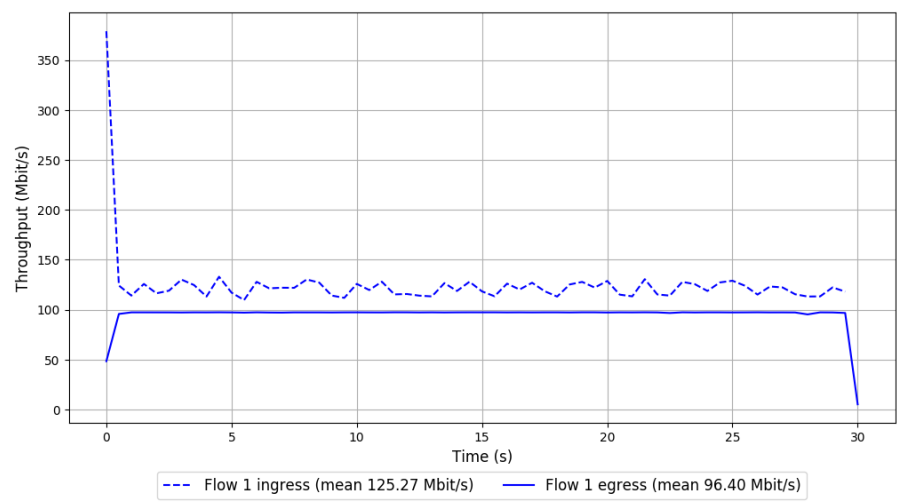


Run 9: Statistics of FillP

Start at: 2018-02-16 06:23:18
End at: 2018-02-16 06:23:48
Local clock offset: 2.294 ms
Remote clock offset: -7.183 ms

Below is generated by plot.py at 2018-02-16 08:02:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.40 Mbit/s
95th percentile per-packet one-way delay: 66.345 ms
Loss rate: 22.96%
-- Flow 1:
Average throughput: 96.40 Mbit/s
95th percentile per-packet one-way delay: 66.345 ms
Loss rate: 22.96%

Run 9: Report of FillP — Data Link

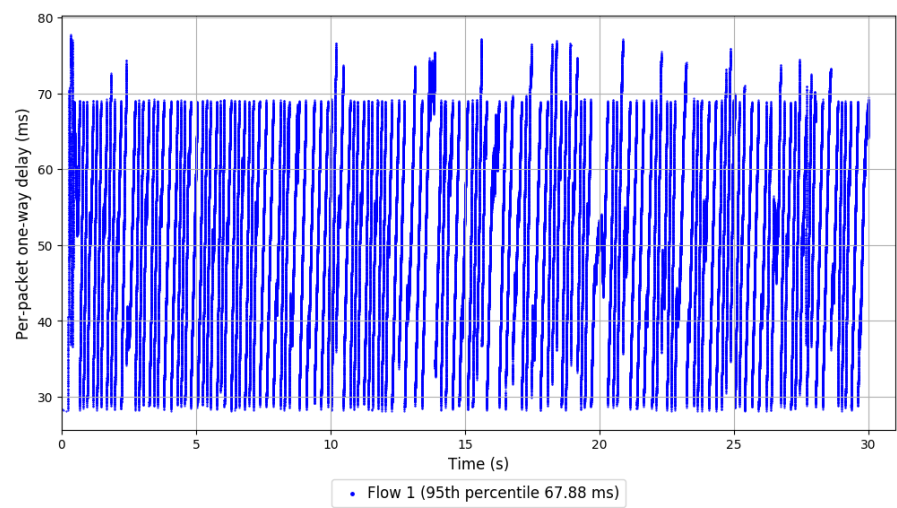
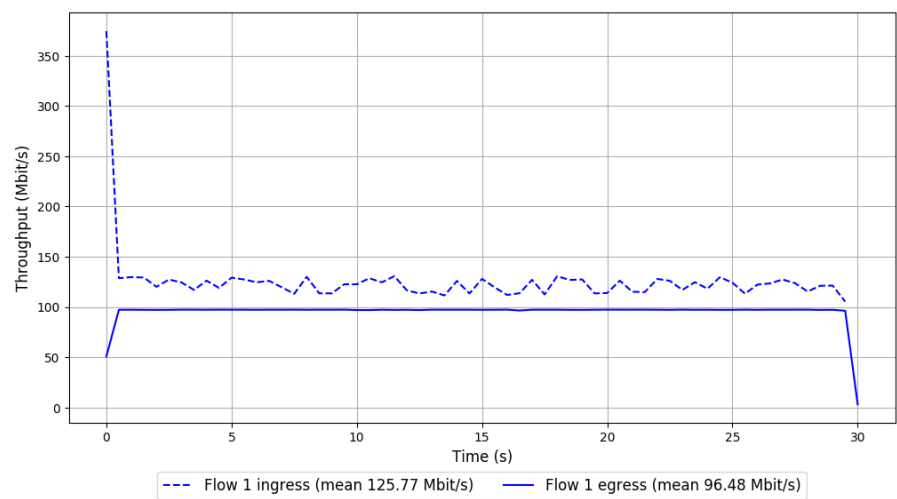


Run 10: Statistics of FillP

Start at: 2018-02-16 06:49:51
End at: 2018-02-16 06:50:21
Local clock offset: 2.513 ms
Remote clock offset: -4.132 ms

Below is generated by plot.py at 2018-02-16 08:02:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.48 Mbit/s
95th percentile per-packet one-way delay: 67.877 ms
Loss rate: 23.23%
-- Flow 1:
Average throughput: 96.48 Mbit/s
95th percentile per-packet one-way delay: 67.877 ms
Loss rate: 23.23%

Run 10: Report of FillP — Data Link

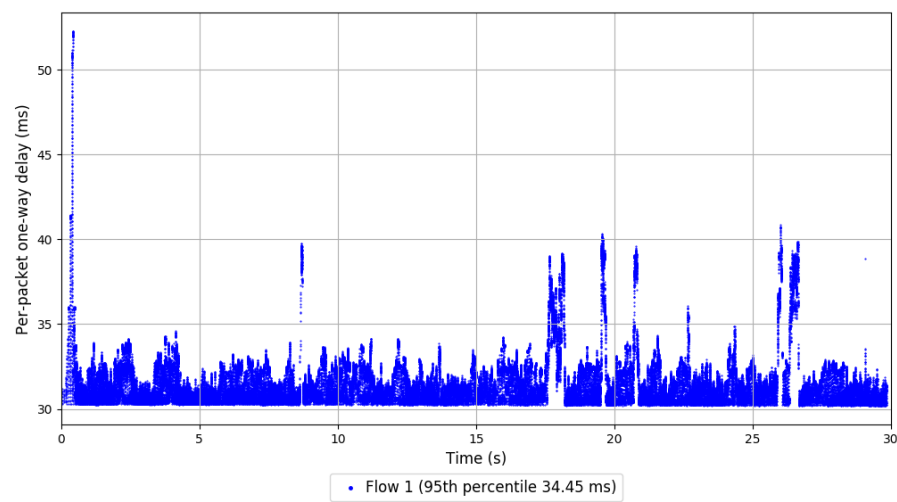
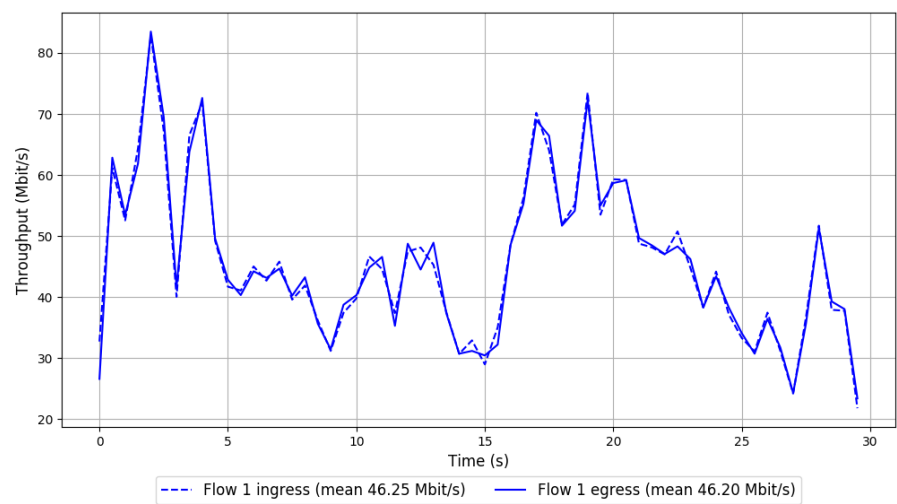


```
Run 1: Statistics of Indigo-1-32

Start at: 2018-02-16 02:45:44
End at: 2018-02-16 02:46:14
Local clock offset: 1.441 ms
Remote clock offset: -3.816 ms

# Below is generated by plot.py at 2018-02-16 08:02:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 46.20 Mbit/s
95th percentile per-packet one-way delay: 34.455 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 46.20 Mbit/s
95th percentile per-packet one-way delay: 34.455 ms
Loss rate: 0.12%
```

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



Run 2: Statistics of Indigo-1-32

Start at: 2018-02-16 03:15:22

End at: 2018-02-16 03:15:52

Local clock offset: 0.892 ms

Remote clock offset: -5.76 ms

Below is generated by plot.py at 2018-02-16 08:02:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 49.10 Mbit/s

95th percentile per-packet one-way delay: 31.358 ms

Loss rate: 0.15%

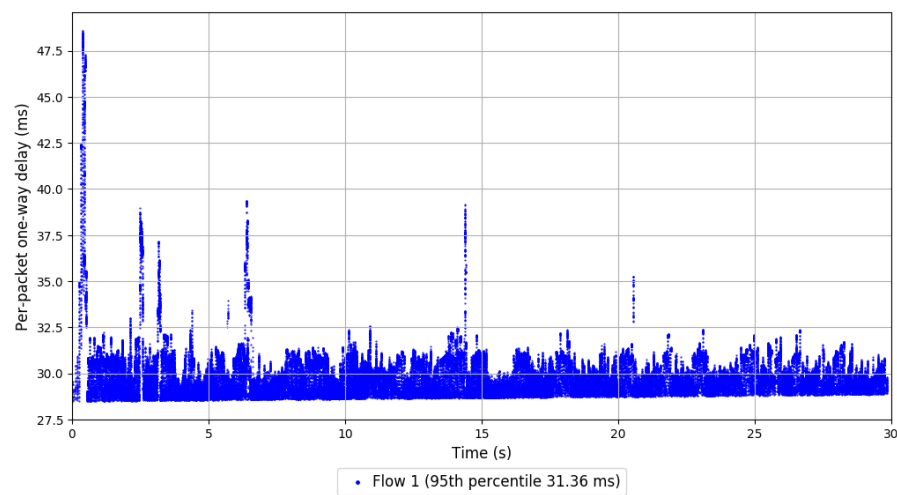
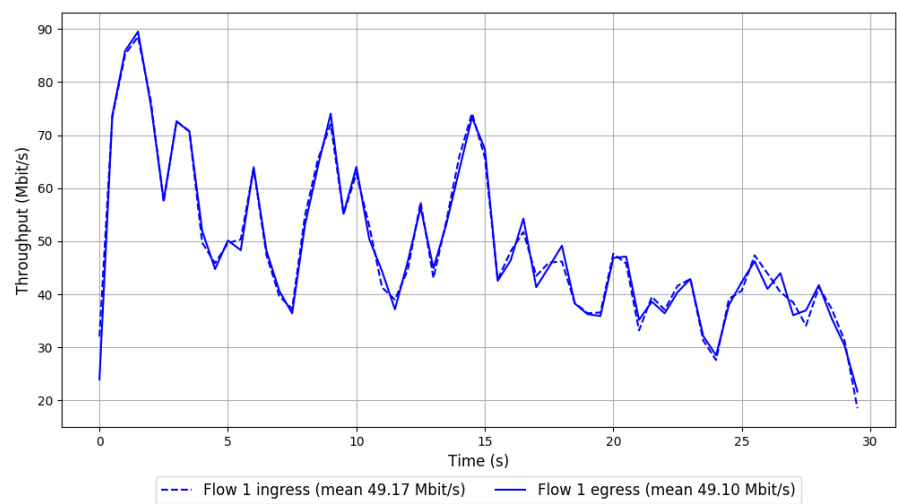
-- Flow 1:

Average throughput: 49.10 Mbit/s

95th percentile per-packet one-way delay: 31.358 ms

Loss rate: 0.15%

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



Run 3: Statistics of Indigo-1-32

Start at: 2018-02-16 03:46:27

End at: 2018-02-16 03:46:57

Local clock offset: 0.604 ms

Remote clock offset: -12.113 ms

Below is generated by plot.py at 2018-02-16 08:02:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 46.66 Mbit/s

95th percentile per-packet one-way delay: 32.993 ms

Loss rate: 0.02%

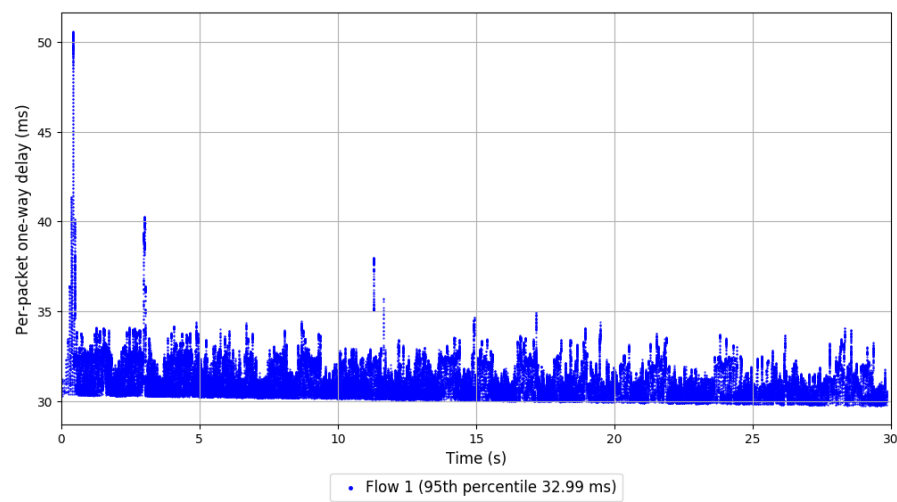
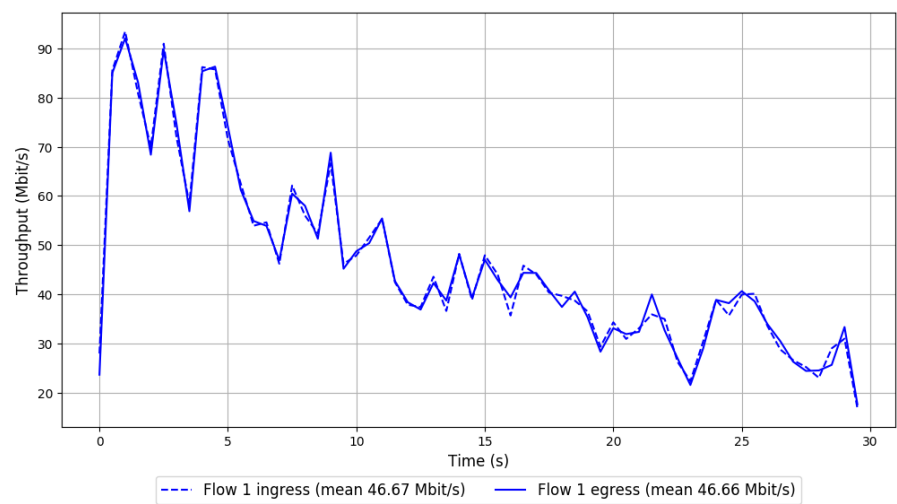
-- Flow 1:

Average throughput: 46.66 Mbit/s

95th percentile per-packet one-way delay: 32.993 ms

Loss rate: 0.02%

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



Run 4: Statistics of Indigo-1-32

Start at: 2018-02-16 04:18:50

End at: 2018-02-16 04:19:20

Local clock offset: 0.702 ms

Remote clock offset: -1.463 ms

Below is generated by plot.py at 2018-02-16 08:02:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 40.56 Mbit/s

95th percentile per-packet one-way delay: 33.178 ms

Loss rate: 0.00%

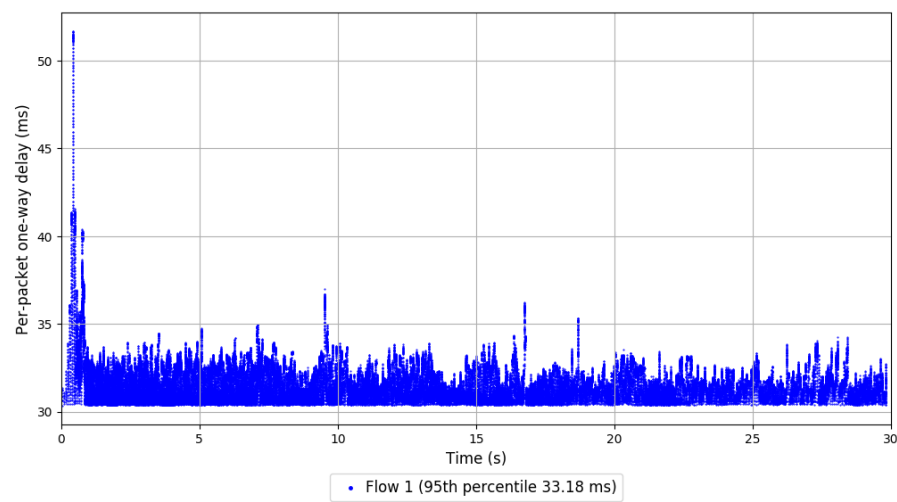
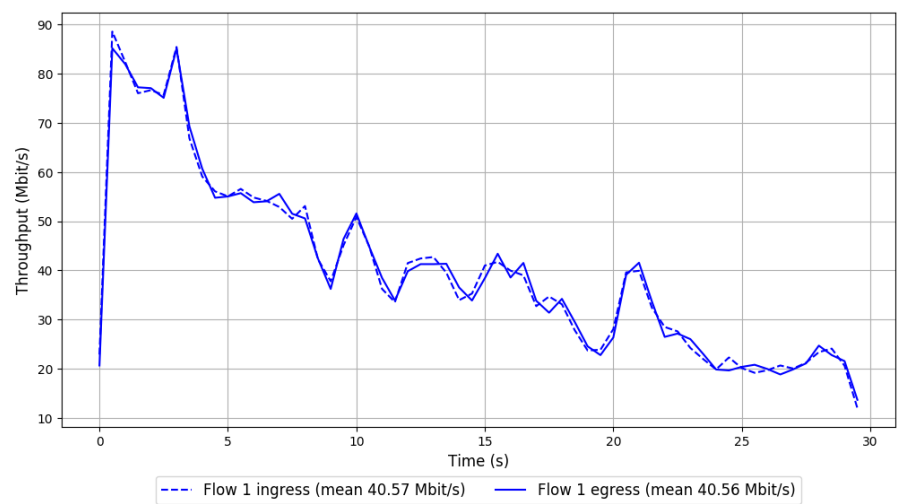
-- Flow 1:

Average throughput: 40.56 Mbit/s

95th percentile per-packet one-way delay: 33.178 ms

Loss rate: 0.00%

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



Run 5: Statistics of Indigo-1-32

Start at: 2018-02-16 04:51:39

End at: 2018-02-16 04:52:09

Local clock offset: 2.852 ms

Remote clock offset: -10.196 ms

Below is generated by plot.py at 2018-02-16 08:02:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 42.89 Mbit/s

95th percentile per-packet one-way delay: 33.680 ms

Loss rate: 0.17%

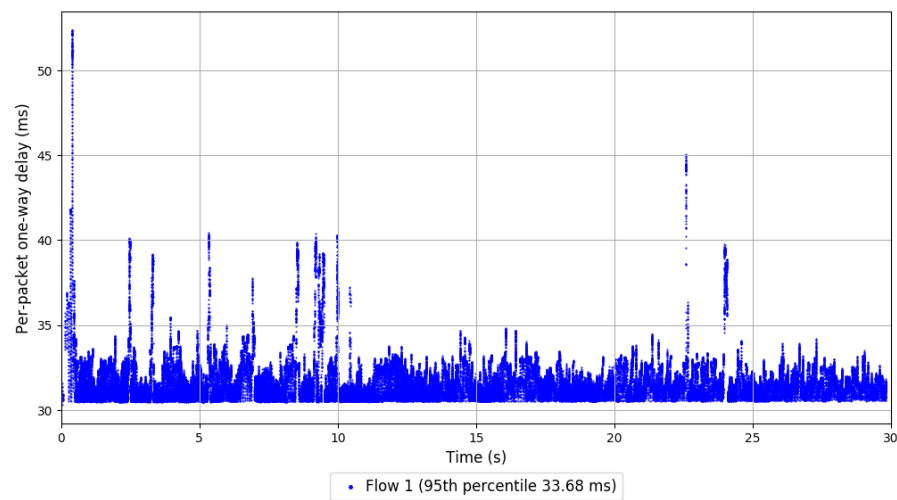
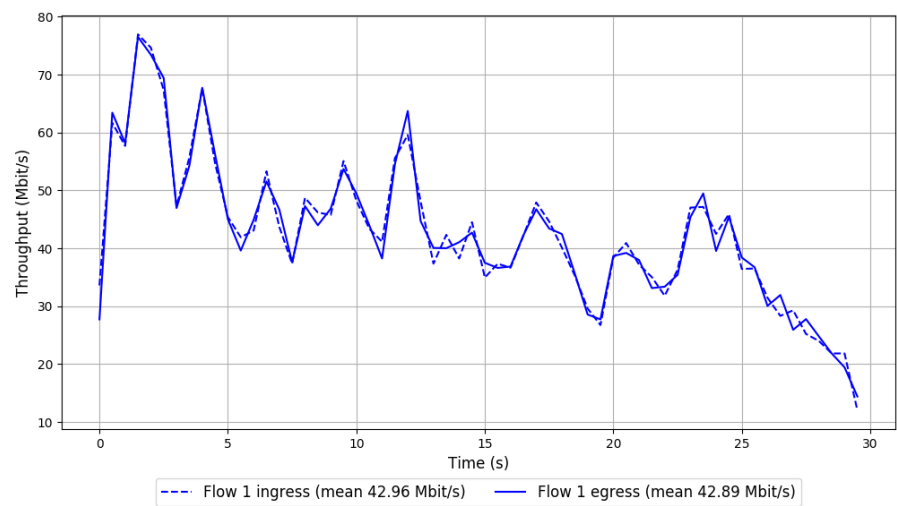
-- Flow 1:

Average throughput: 42.89 Mbit/s

95th percentile per-packet one-way delay: 33.680 ms

Loss rate: 0.17%

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



Run 6: Statistics of Indigo-1-32

Start at: 2018-02-16 05:20:50

End at: 2018-02-16 05:21:20

Local clock offset: 4.122 ms

Remote clock offset: -6.926 ms

Below is generated by plot.py at 2018-02-16 08:02:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 42.88 Mbit/s

95th percentile per-packet one-way delay: 34.362 ms

Loss rate: 0.02%

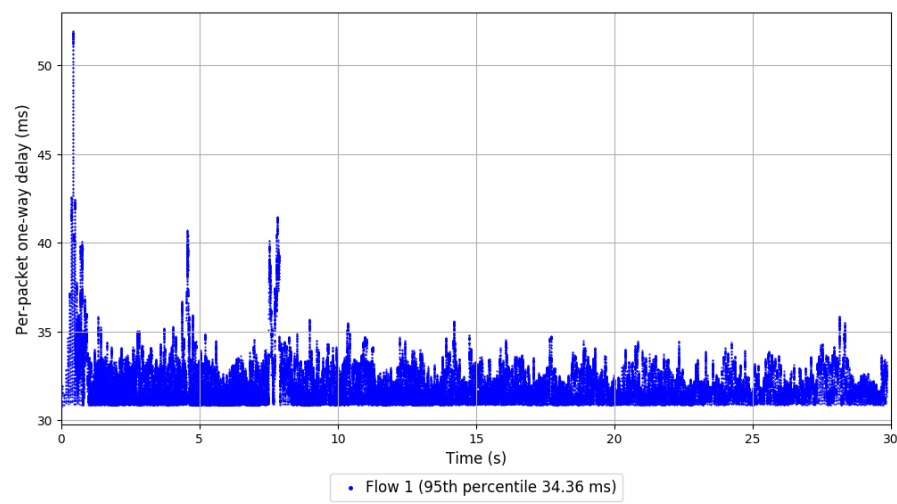
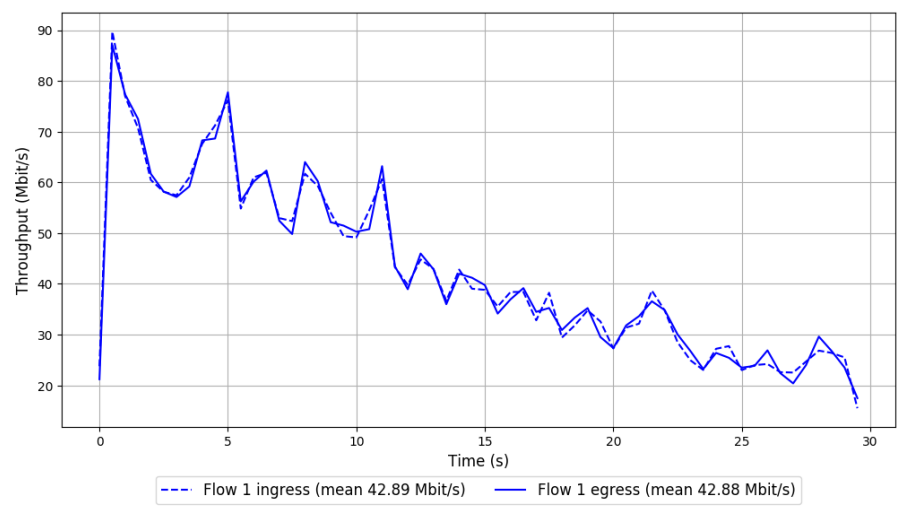
-- Flow 1:

Average throughput: 42.88 Mbit/s

95th percentile per-packet one-way delay: 34.362 ms

Loss rate: 0.02%

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

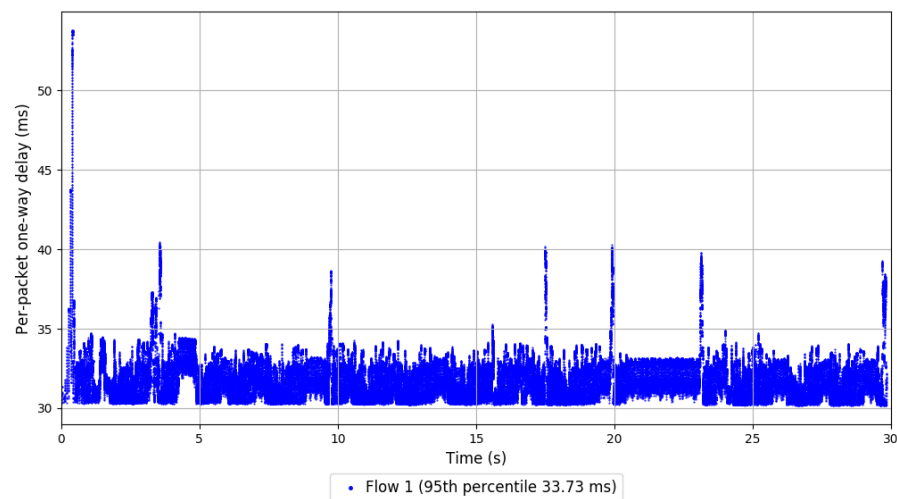
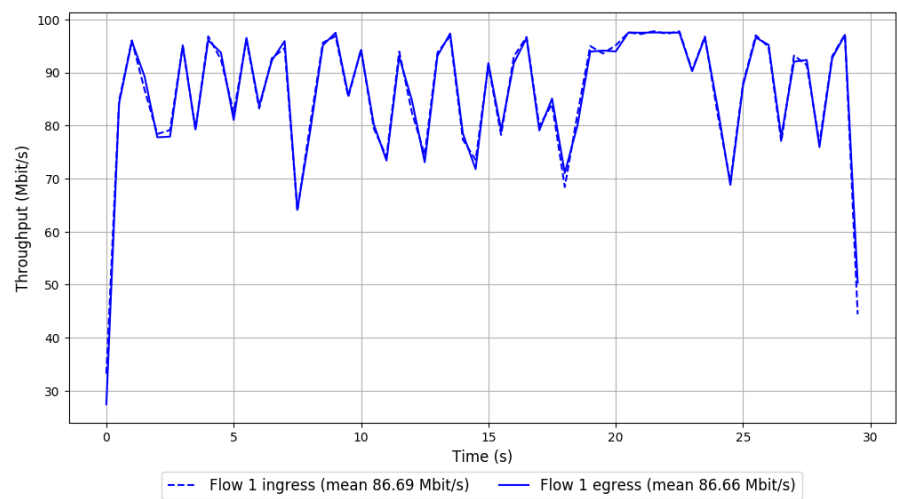


Run 7: Statistics of Indigo-1-32

Start at: 2018-02-16 05:48:09
End at: 2018-02-16 05:48:39
Local clock offset: 3.941 ms
Remote clock offset: -2.375 ms

Below is generated by plot.py at 2018-02-16 08:02:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.66 Mbit/s
95th percentile per-packet one-way delay: 33.727 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 86.66 Mbit/s
95th percentile per-packet one-way delay: 33.727 ms
Loss rate: 0.04%

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

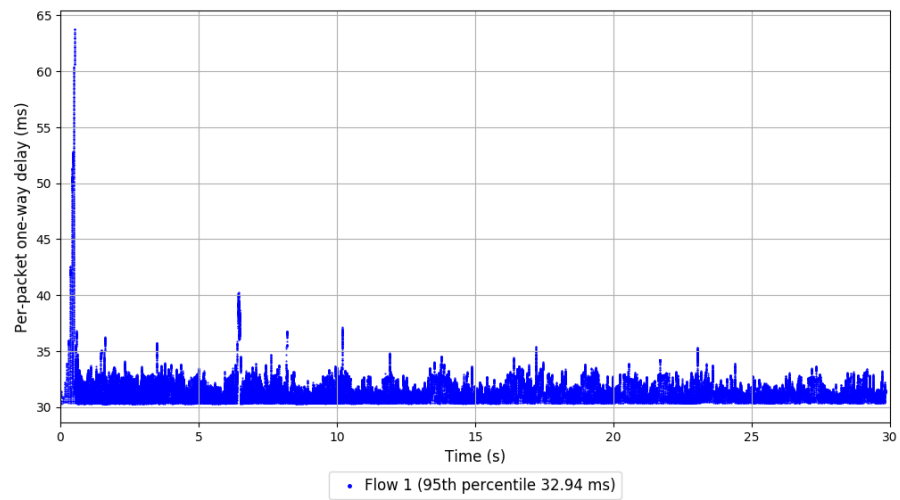
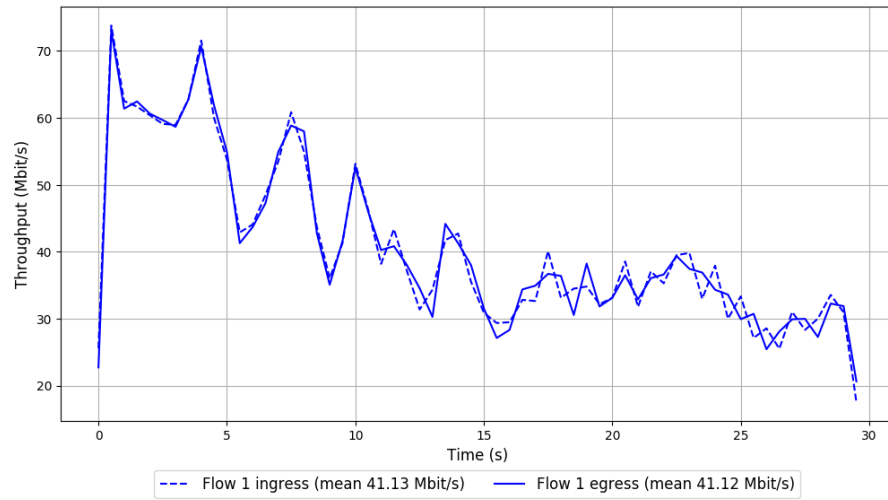


Run 8: Statistics of Indigo-1-32

Start at: 2018-02-16 06:15:49
End at: 2018-02-16 06:16:19
Local clock offset: 2.183 ms
Remote clock offset: -4.517 ms

Below is generated by plot.py at 2018-02-16 08:02:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 41.12 Mbit/s
95th percentile per-packet one-way delay: 32.939 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 41.12 Mbit/s
95th percentile per-packet one-way delay: 32.939 ms
Loss rate: 0.03%

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



Run 9: Statistics of Indigo-1-32

Start at: 2018-02-16 06:42:22

End at: 2018-02-16 06:42:52

Local clock offset: 2.546 ms

Remote clock offset: -5.685 ms

Below is generated by plot.py at 2018-02-16 08:02:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.59 Mbit/s

95th percentile per-packet one-way delay: 31.404 ms

Loss rate: 0.08%

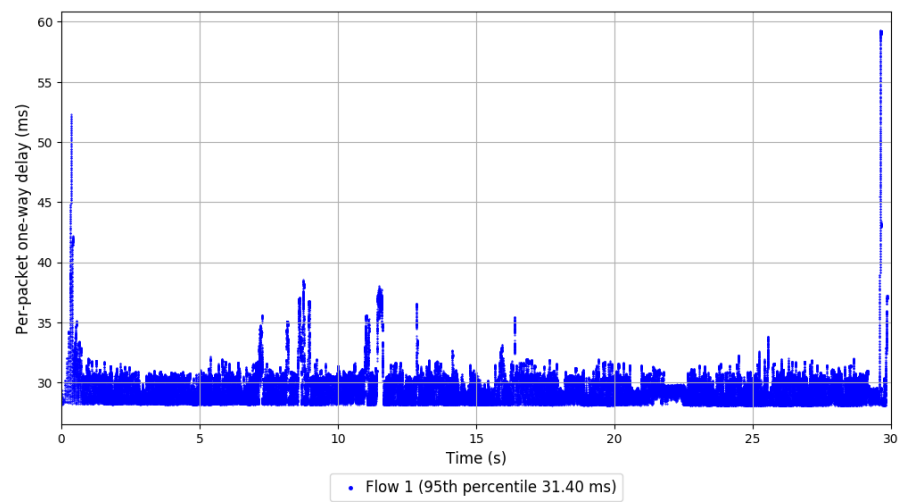
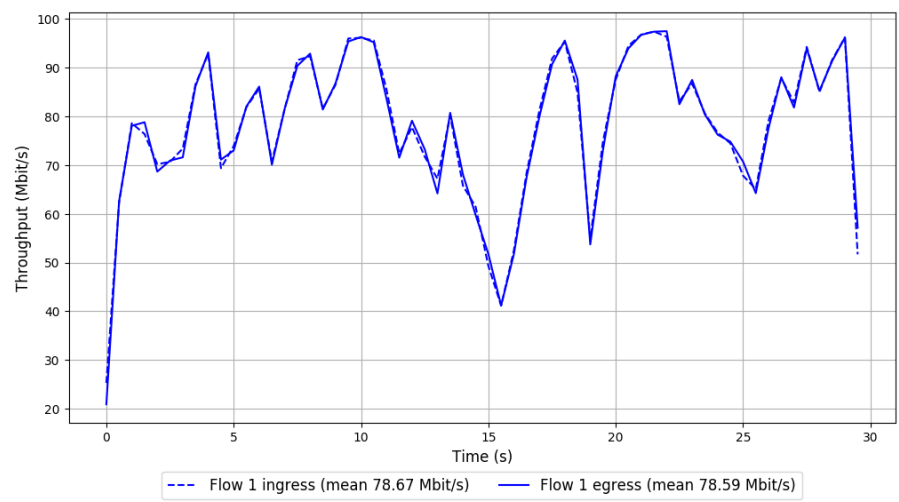
-- Flow 1:

Average throughput: 78.59 Mbit/s

95th percentile per-packet one-way delay: 31.404 ms

Loss rate: 0.08%

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



Run 10: Statistics of Indigo-1-32

Start at: 2018-02-16 07:10:41

End at: 2018-02-16 07:11:11

Local clock offset: -0.01 ms

Remote clock offset: 0.675 ms

Below is generated by plot.py at 2018-02-16 08:02:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 37.15 Mbit/s

95th percentile per-packet one-way delay: 32.441 ms

Loss rate: 0.00%

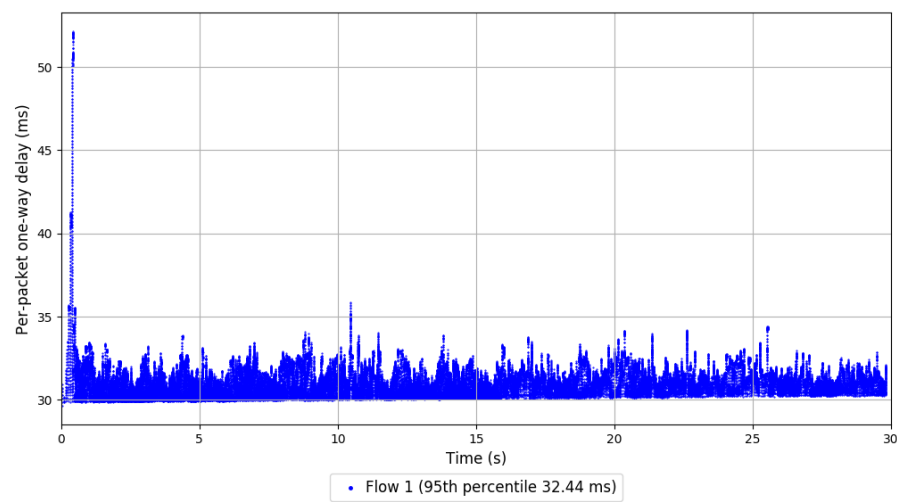
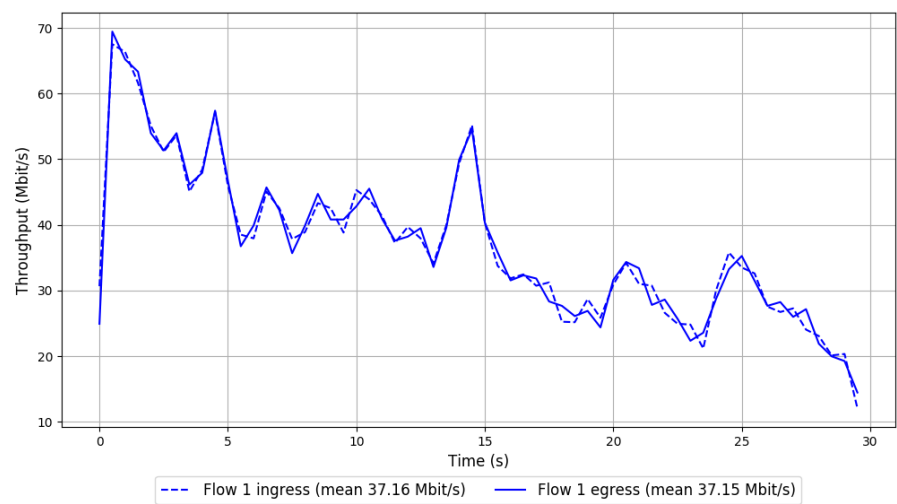
-- Flow 1:

Average throughput: 37.15 Mbit/s

95th percentile per-packet one-way delay: 32.441 ms

Loss rate: 0.00%

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

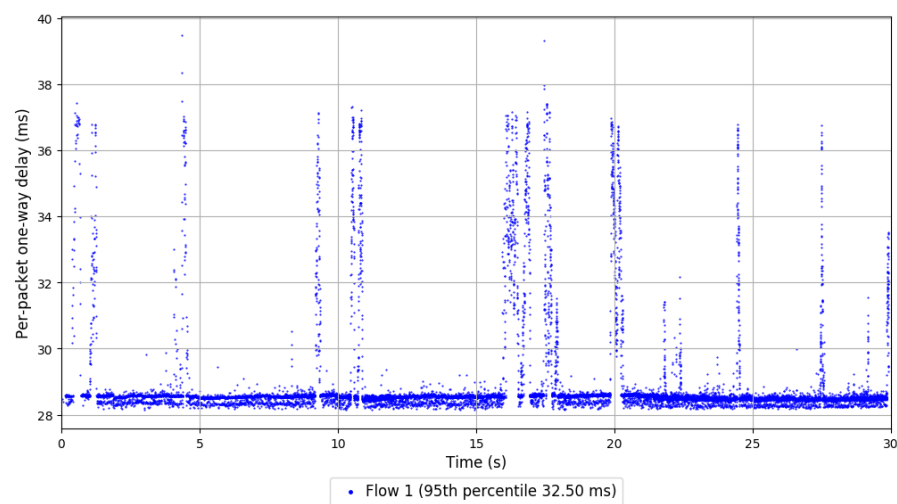
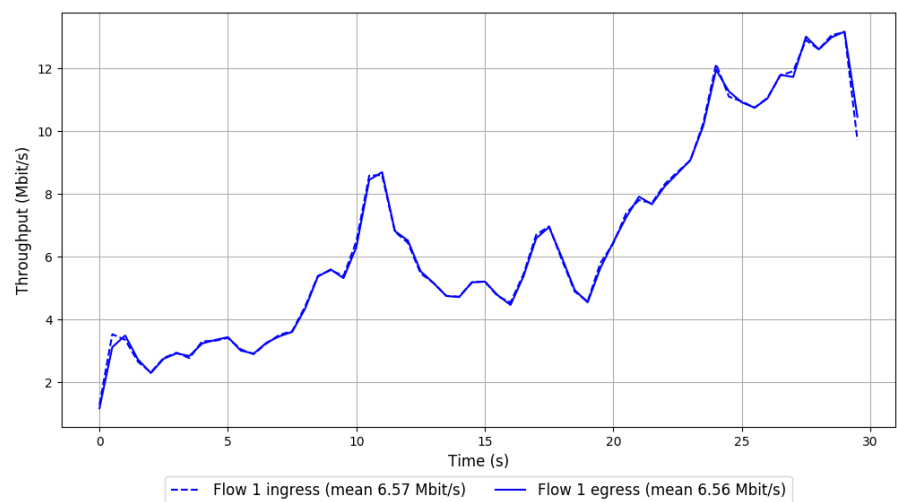


Run 1: Statistics of Vivace-latency

Start at: 2018-02-16 02:23:27
End at: 2018-02-16 02:23:57
Local clock offset: 0.605 ms
Remote clock offset: -8.601 ms

Below is generated by plot.py at 2018-02-16 08:02:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 6.56 Mbit/s
95th percentile per-packet one-way delay: 32.503 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 6.56 Mbit/s
95th percentile per-packet one-way delay: 32.503 ms
Loss rate: 0.15%

Run 1: Report of Vivace-latency — Data Link

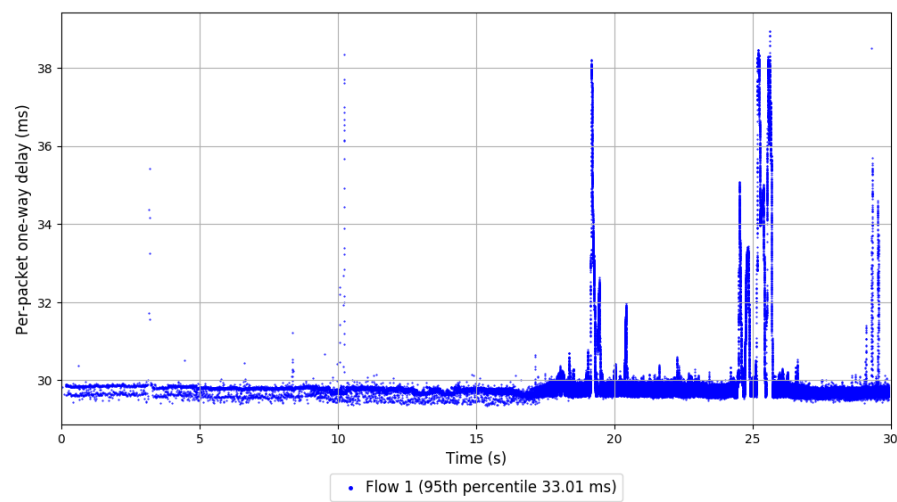
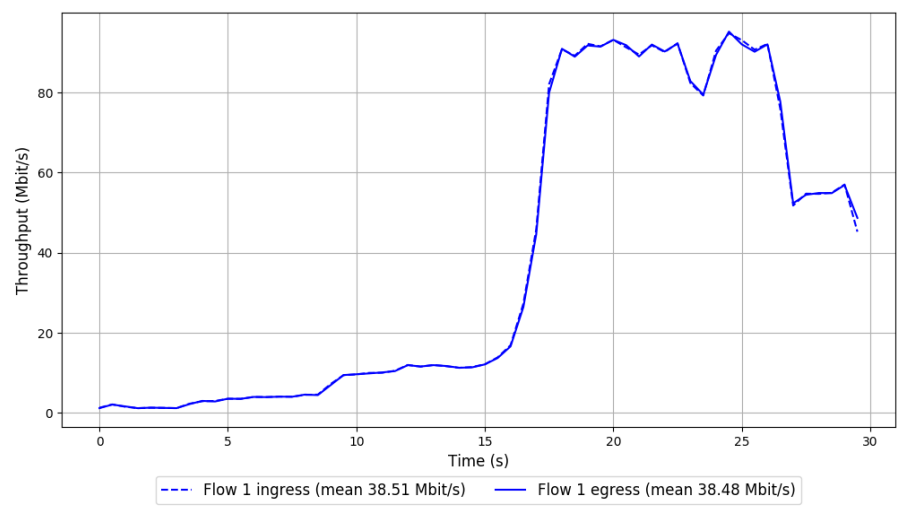


Run 2: Statistics of Vivace-latency

Start at: 2018-02-16 02:52:13
End at: 2018-02-16 02:52:43
Local clock offset: 1.526 ms
Remote clock offset: -2.511 ms

Below is generated by plot.py at 2018-02-16 08:02:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 38.48 Mbit/s
95th percentile per-packet one-way delay: 33.008 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 38.48 Mbit/s
95th percentile per-packet one-way delay: 33.008 ms
Loss rate: 0.08%

Run 2: Report of Vivace-latency — Data Link

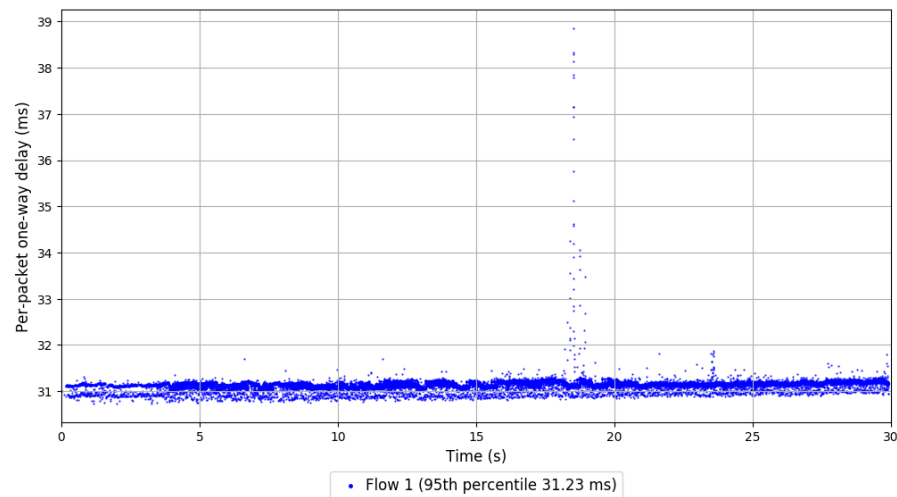
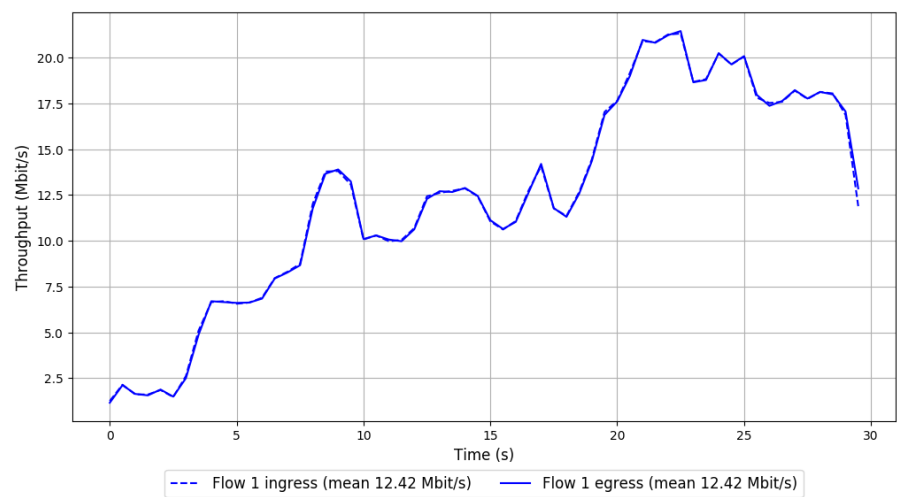


Run 3: Statistics of Vivace-latency

Start at: 2018-02-16 03:22:08
End at: 2018-02-16 03:22:38
Local clock offset: 0.815 ms
Remote clock offset: -7.188 ms

Below is generated by plot.py at 2018-02-16 08:02:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.42 Mbit/s
95th percentile per-packet one-way delay: 31.228 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.42 Mbit/s
95th percentile per-packet one-way delay: 31.228 ms
Loss rate: 0.00%

Run 3: Report of Vivace-latency — Data Link



Run 4: Statistics of Vivace-latency

Start at: 2018-02-16 03:53:14

End at: 2018-02-16 03:53:44

Local clock offset: 0.745 ms

Remote clock offset: -5.855 ms

Below is generated by plot.py at 2018-02-16 08:02:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.85 Mbit/s

95th percentile per-packet one-way delay: 29.944 ms

Loss rate: 0.00%

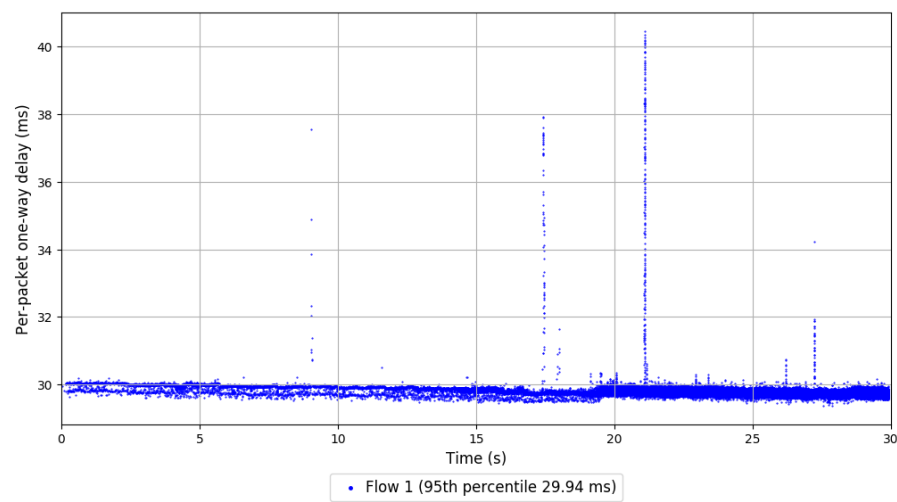
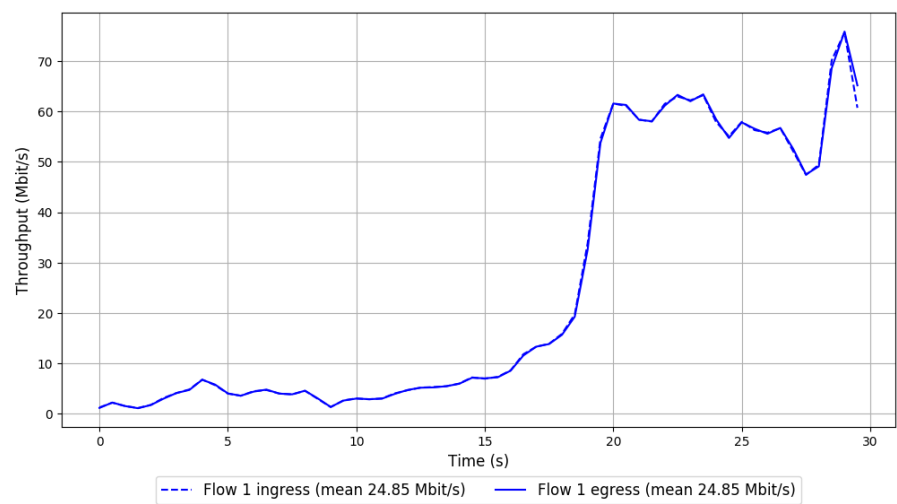
-- Flow 1:

Average throughput: 24.85 Mbit/s

95th percentile per-packet one-way delay: 29.944 ms

Loss rate: 0.00%

Run 4: Report of Vivace-latency — Data Link

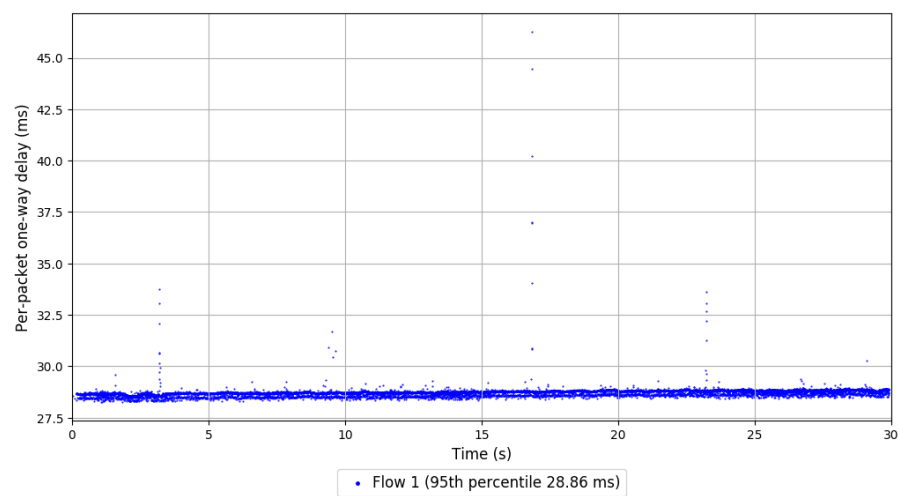
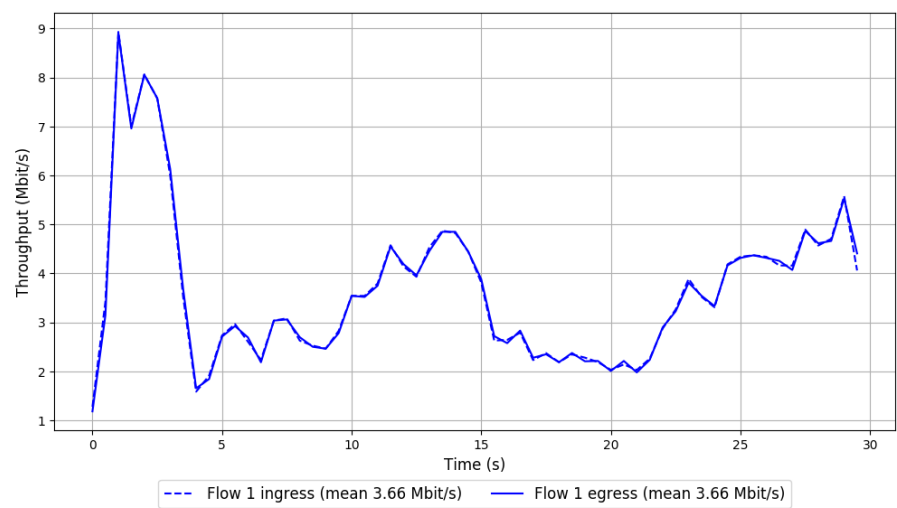


Run 5: Statistics of Vivace-latency

Start at: 2018-02-16 04:26:08
End at: 2018-02-16 04:26:38
Local clock offset: 0.606 ms
Remote clock offset: -7.719 ms

Below is generated by plot.py at 2018-02-16 08:02:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 3.66 Mbit/s
95th percentile per-packet one-way delay: 28.858 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 3.66 Mbit/s
95th percentile per-packet one-way delay: 28.858 ms
Loss rate: 0.00%

Run 5: Report of Vivace-latency — Data Link

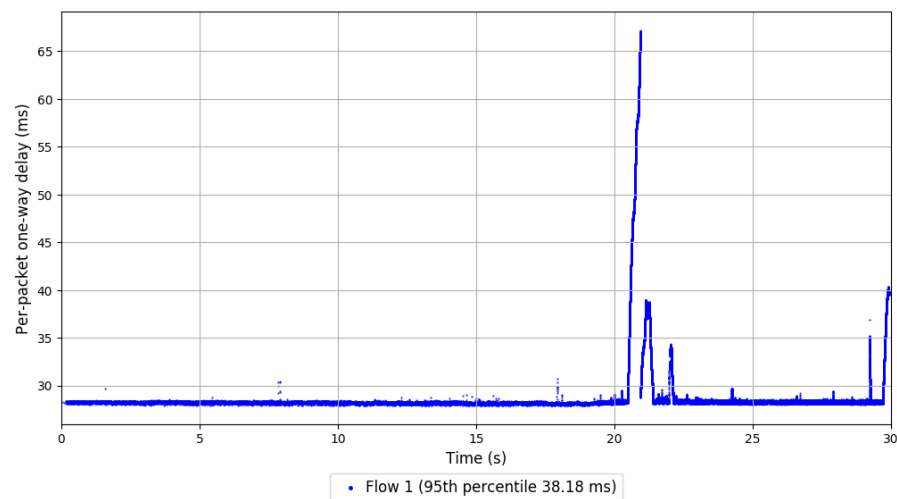
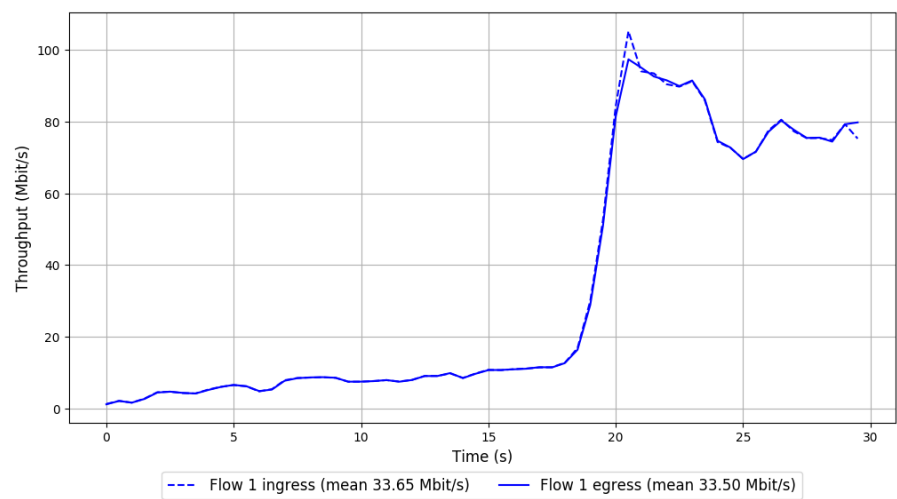


Run 6: Statistics of Vivace-latency

Start at: 2018-02-16 04:57:43
End at: 2018-02-16 04:58:13
Local clock offset: 3.208 ms
Remote clock offset: -11.511 ms

Below is generated by plot.py at 2018-02-16 08:02:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 33.50 Mbit/s
95th percentile per-packet one-way delay: 38.177 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 33.50 Mbit/s
95th percentile per-packet one-way delay: 38.177 ms
Loss rate: 0.41%

Run 6: Report of Vivace-latency — Data Link

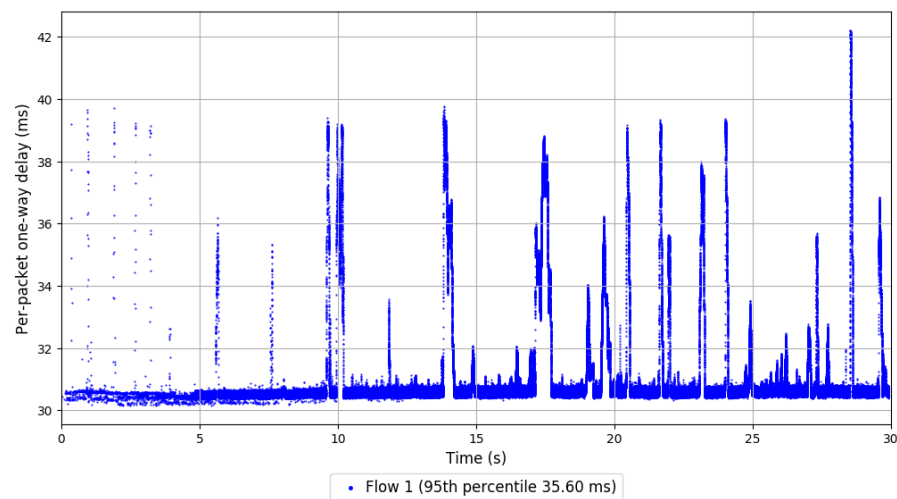
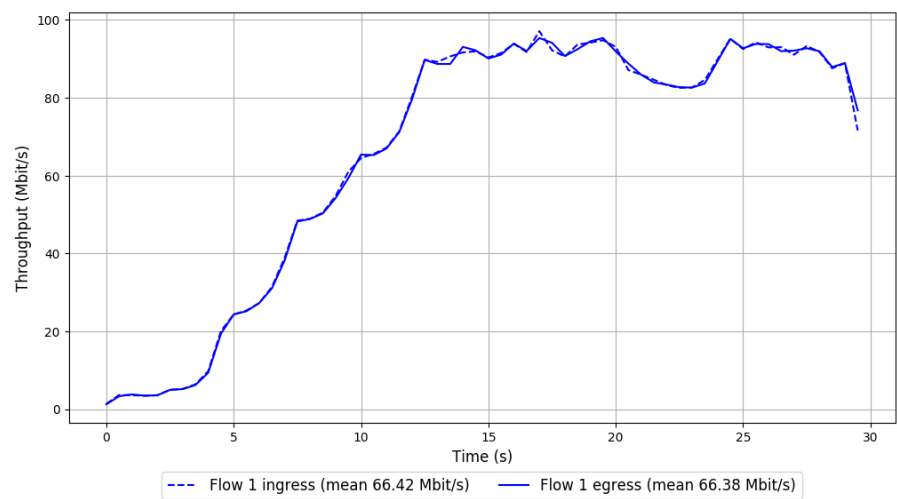


Run 7: Statistics of Vivace-latency

Start at: 2018-02-16 05:27:14
End at: 2018-02-16 05:27:44
Local clock offset: 4.444 ms
Remote clock offset: -7.131 ms

Below is generated by plot.py at 2018-02-16 08:02:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 66.38 Mbit/s
95th percentile per-packet one-way delay: 35.602 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 66.38 Mbit/s
95th percentile per-packet one-way delay: 35.602 ms
Loss rate: 0.07%

Run 7: Report of Vivace-latency — Data Link

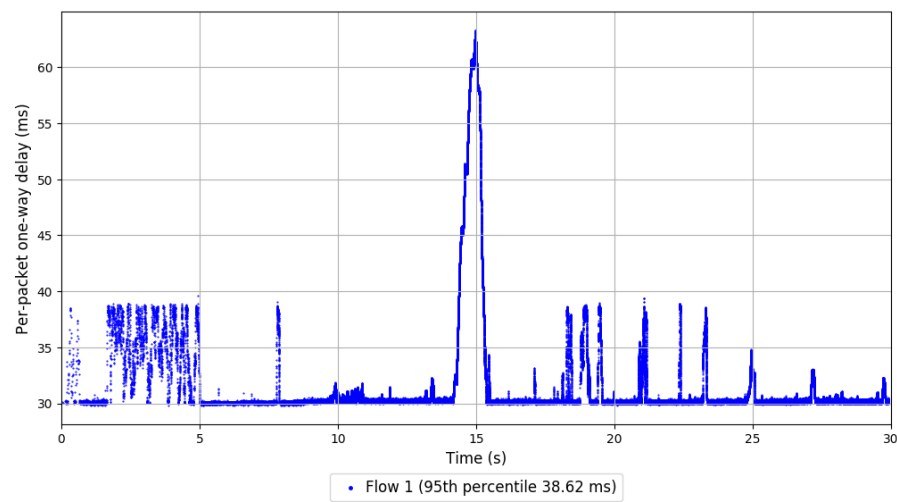
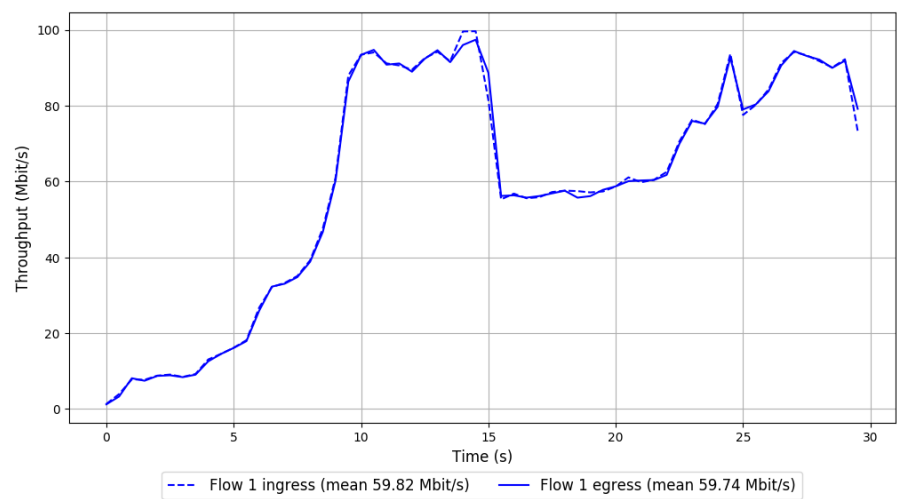


Run 8: Statistics of Vivace-latency

Start at: 2018-02-16 05:54:03
End at: 2018-02-16 05:54:33
Local clock offset: 3.096 ms
Remote clock offset: -1.497 ms

Below is generated by plot.py at 2018-02-16 08:02:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 59.74 Mbit/s
95th percentile per-packet one-way delay: 38.622 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 59.74 Mbit/s
95th percentile per-packet one-way delay: 38.622 ms
Loss rate: 0.13%

Run 8: Report of Vivace-latency — Data Link



Run 9: Statistics of Vivace-latency

Start at: 2018-02-16 06:21:44

End at: 2018-02-16 06:22:14

Local clock offset: 2.318 ms

Remote clock offset: -4.94 ms

Below is generated by plot.py at 2018-02-16 08:02:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 30.63 Mbit/s

95th percentile per-packet one-way delay: 30.790 ms

Loss rate: 0.01%

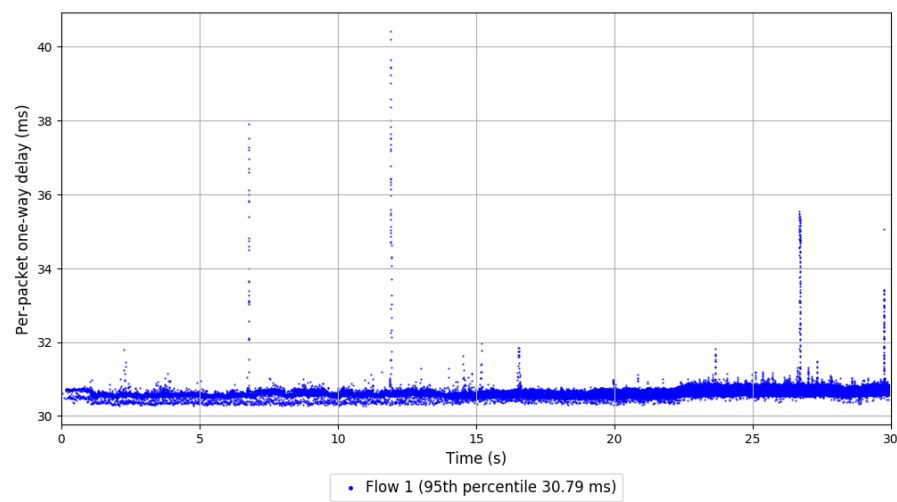
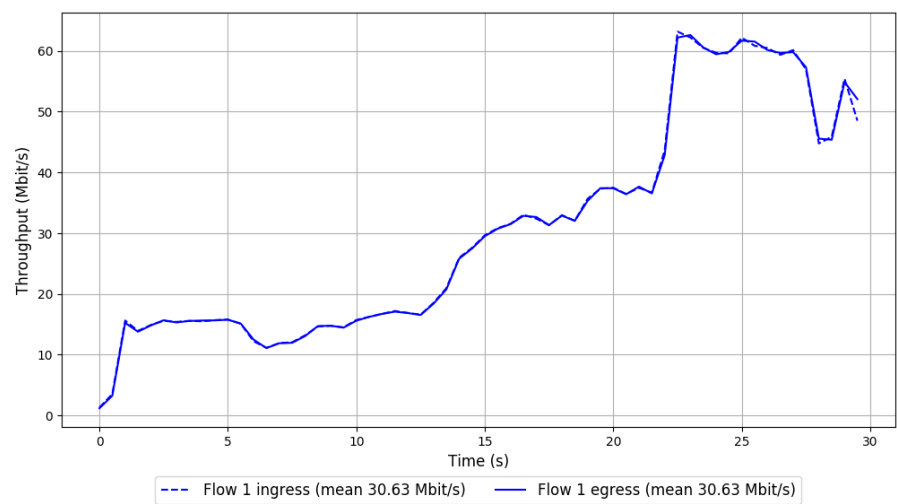
-- Flow 1:

Average throughput: 30.63 Mbit/s

95th percentile per-packet one-way delay: 30.790 ms

Loss rate: 0.01%

Run 9: Report of Vivace-latency — Data Link

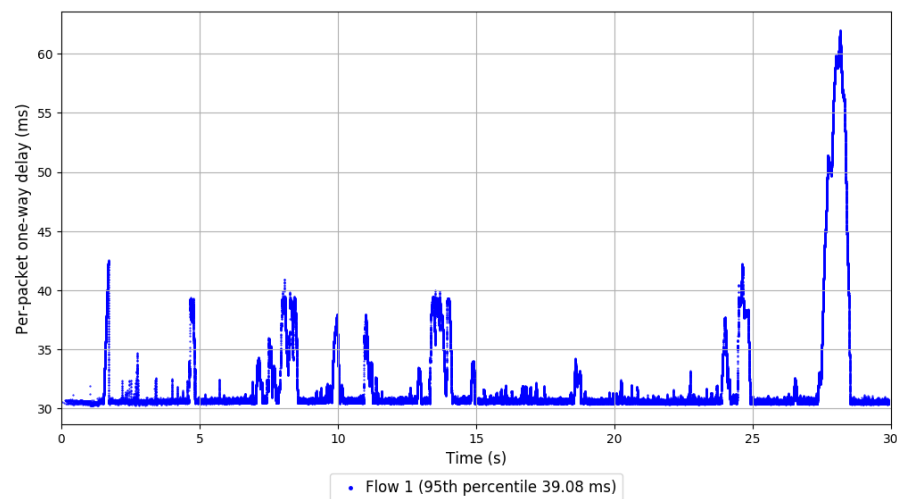
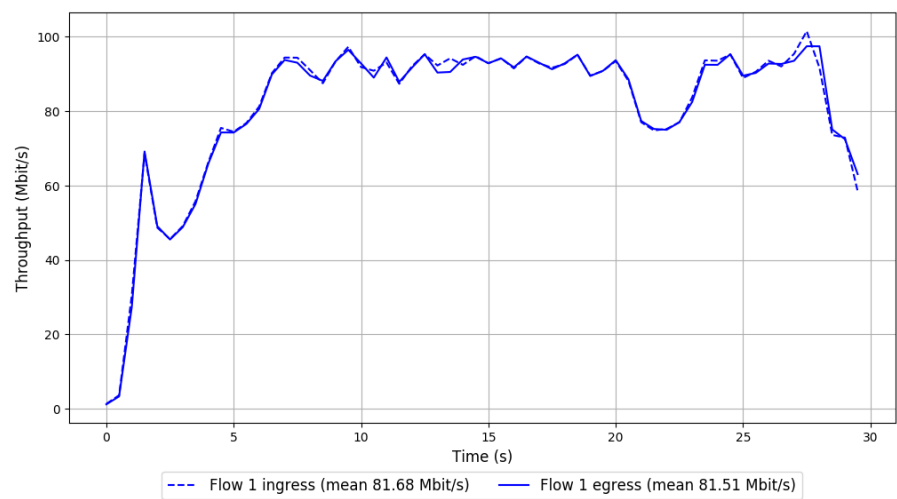


Run 10: Statistics of Vivace-latency

Start at: 2018-02-16 06:48:19
End at: 2018-02-16 06:48:49
Local clock offset: 2.523 ms
Remote clock offset: -2.139 ms

Below is generated by plot.py at 2018-02-16 08:02:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 81.51 Mbit/s
95th percentile per-packet one-way delay: 39.078 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 81.51 Mbit/s
95th percentile per-packet one-way delay: 39.078 ms
Loss rate: 0.21%

Run 10: Report of Vivace-latency — Data Link

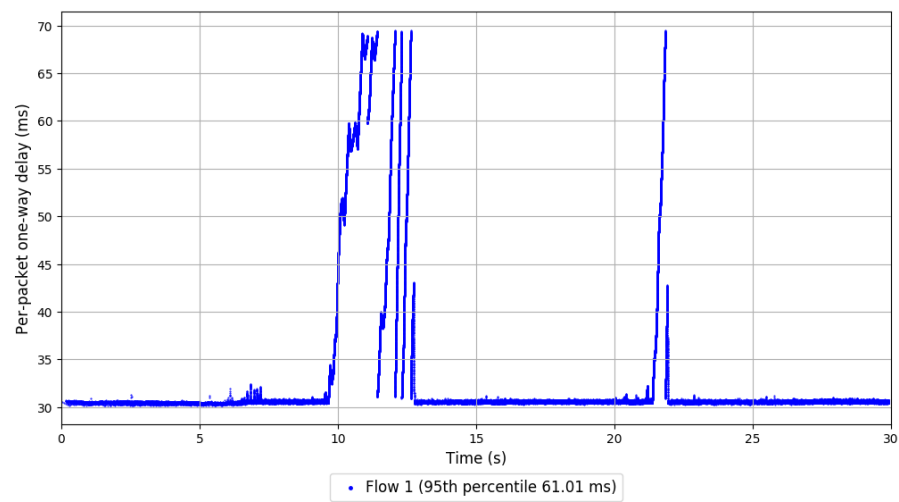
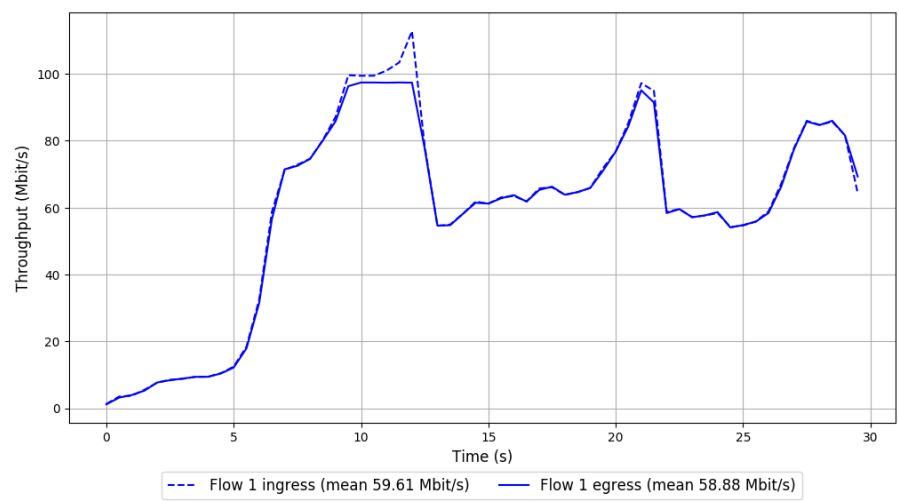


```
Run 1: Statistics of Vivace-loss

Start at: 2018-02-16 02:35:58
End at: 2018-02-16 02:36:28
Local clock offset: 1.216 ms
Remote clock offset: -6.444 ms

# Below is generated by plot.py at 2018-02-16 08:02:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 58.88 Mbit/s
95th percentile per-packet one-way delay: 61.007 ms
Loss rate: 1.24%
-- Flow 1:
Average throughput: 58.88 Mbit/s
95th percentile per-packet one-way delay: 61.007 ms
Loss rate: 1.24%
```

Run 1: Report of Vivace-loss — Data Link

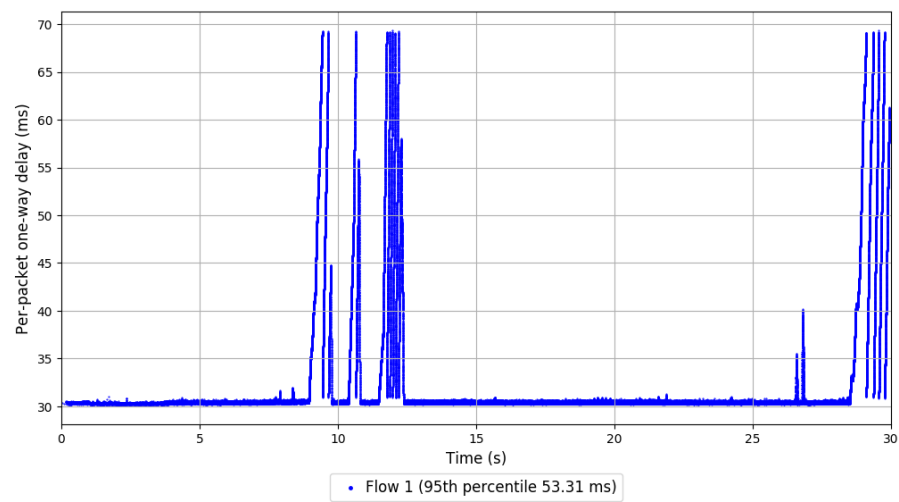
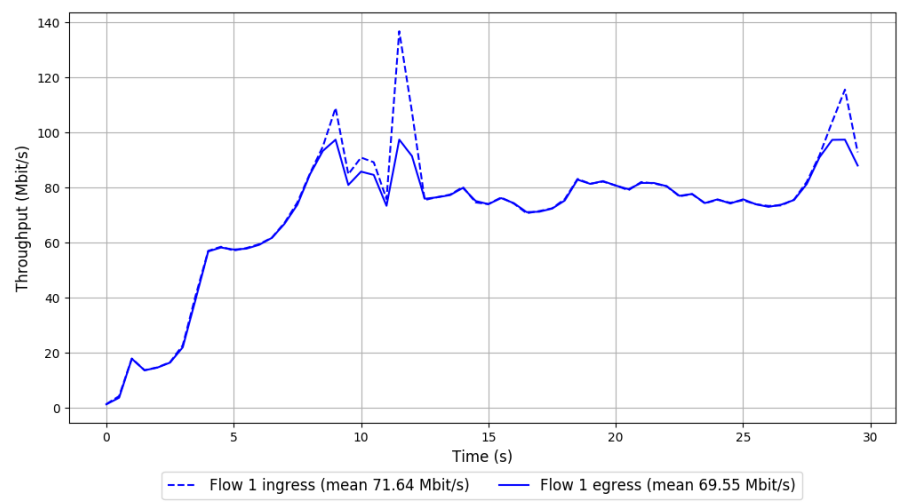


Run 2: Statistics of Vivace-loss

Start at: 2018-02-16 03:05:31
End at: 2018-02-16 03:06:01
Local clock offset: 0.918 ms
Remote clock offset: -0.957 ms

Below is generated by plot.py at 2018-02-16 08:02:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 69.55 Mbit/s
95th percentile per-packet one-way delay: 53.308 ms
Loss rate: 2.82%
-- Flow 1:
Average throughput: 69.55 Mbit/s
95th percentile per-packet one-way delay: 53.308 ms
Loss rate: 2.82%

Run 2: Report of Vivace-loss — Data Link



Run 3: Statistics of Vivace-loss

Start at: 2018-02-16 03:35:38

End at: 2018-02-16 03:36:08

Local clock offset: 0.766 ms

Remote clock offset: -11.18 ms

Below is generated by plot.py at 2018-02-16 08:02:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 52.78 Mbit/s

95th percentile per-packet one-way delay: 38.165 ms

Loss rate: 0.41%

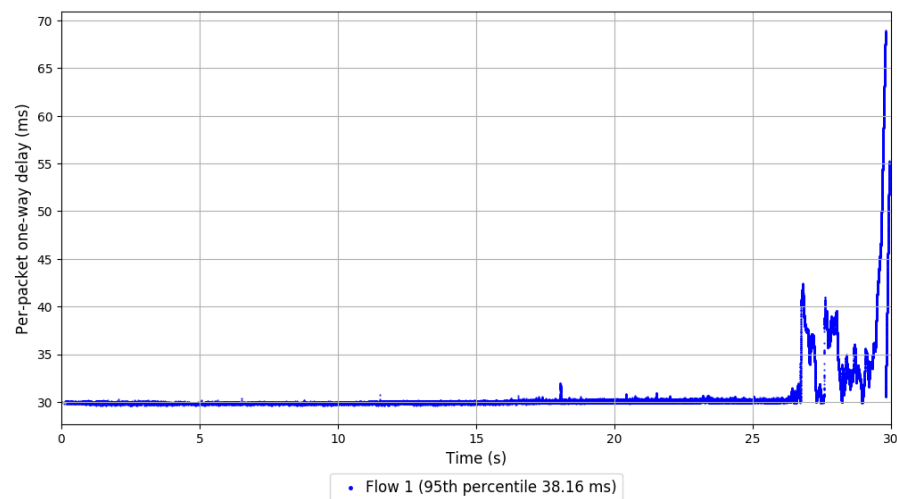
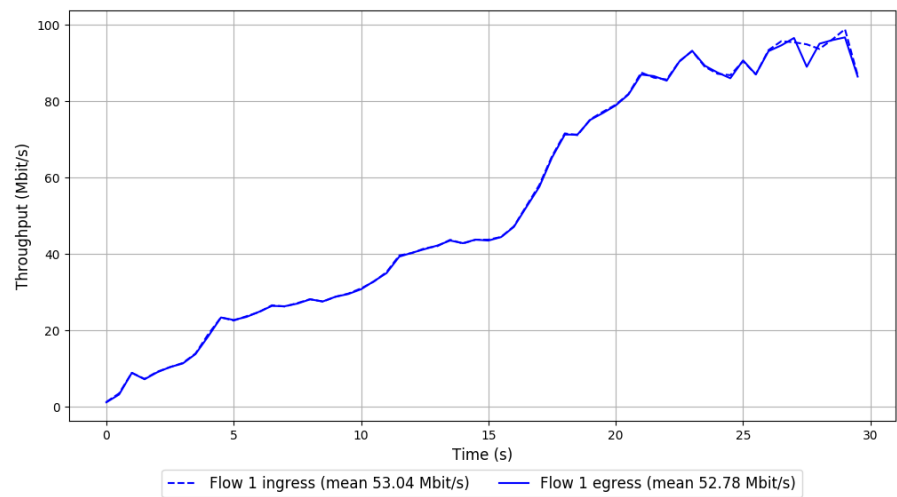
-- Flow 1:

Average throughput: 52.78 Mbit/s

95th percentile per-packet one-way delay: 38.165 ms

Loss rate: 0.41%

Run 3: Report of Vivace-loss — Data Link



Run 4: Statistics of Vivace-loss

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

End at: 2018-02-16 04:07:32

Local clock offset: 0.745 ms

Remote clock offset: -4.166 ms

Below is generated by plot.py at 2018-02-16 08:02:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 60.05 Mbit/s

95th percentile per-packet one-way delay: 54.097 ms

Loss rate: 1.37%

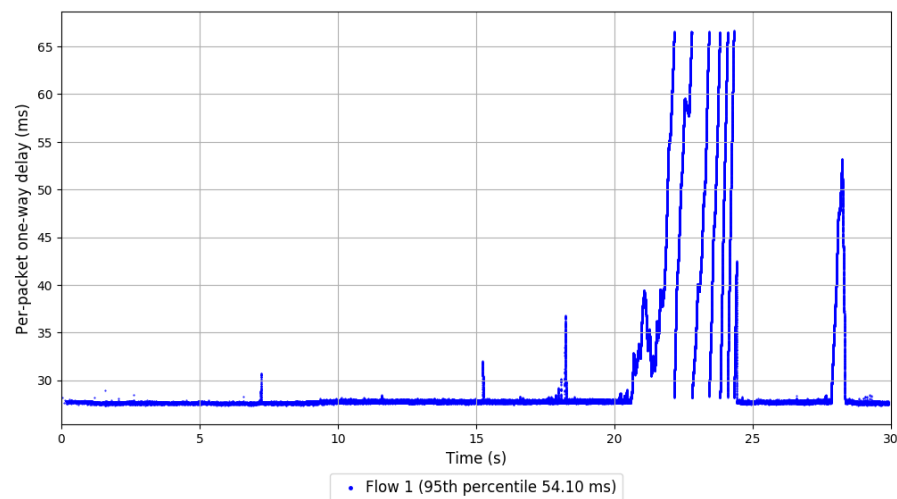
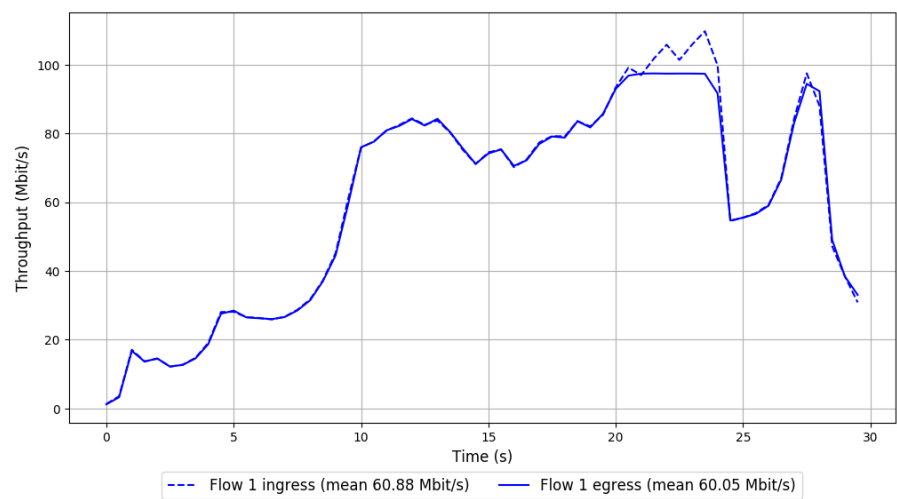
-- Flow 1:

Average throughput: 60.05 Mbit/s

95th percentile per-packet one-way delay: 54.097 ms

Loss rate: 1.37%

Run 4: Report of Vivace-loss — Data Link



Run 5: Statistics of Vivace-loss

Start at: 2018-02-16 04:40:15

End at: 2018-02-16 04:40:45

Local clock offset: 1.62 ms

Remote clock offset: -9.253 ms

Below is generated by plot.py at 2018-02-16 08:02:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 72.94 Mbit/s

95th percentile per-packet one-way delay: 58.548 ms

Loss rate: 1.84%

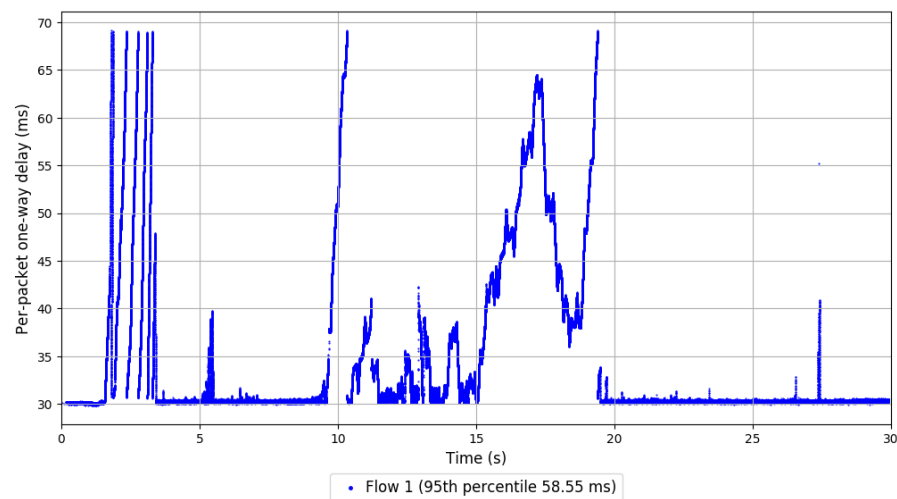
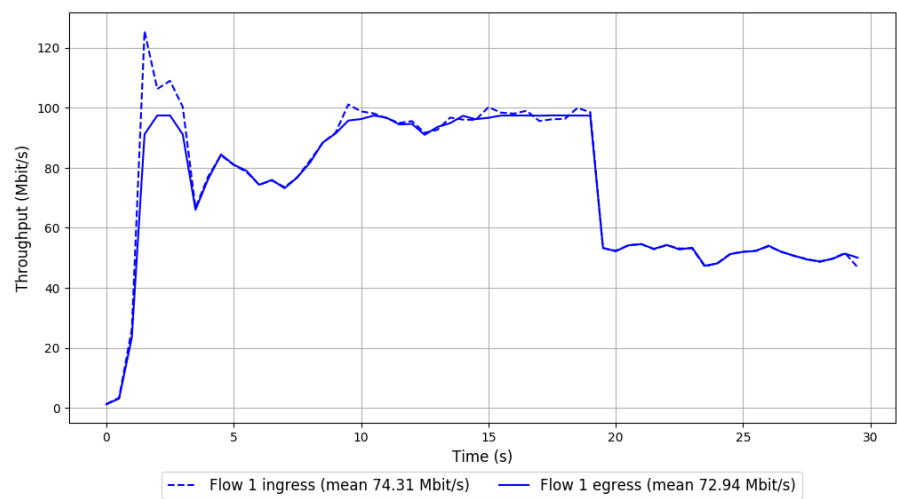
-- Flow 1:

Average throughput: 72.94 Mbit/s

95th percentile per-packet one-way delay: 58.548 ms

Loss rate: 1.84%

Run 5: Report of Vivace-loss — Data Link



Run 6: Statistics of Vivace-loss

Start at: 2018-02-16 05:09:39

End at: 2018-02-16 05:10:09

Local clock offset: 3.765 ms

Remote clock offset: -7.799 ms

Below is generated by plot.py at 2018-02-16 08:02:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 61.32 Mbit/s

95th percentile per-packet one-way delay: 63.097 ms

Loss rate: 1.82%

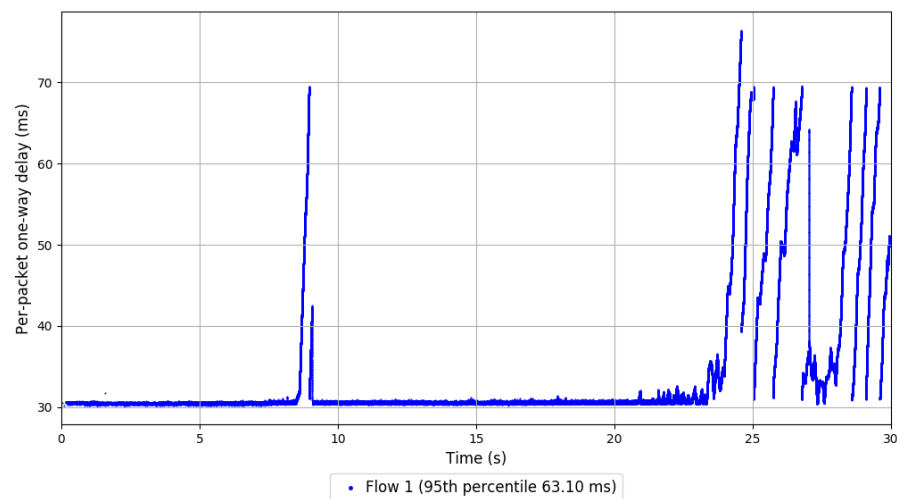
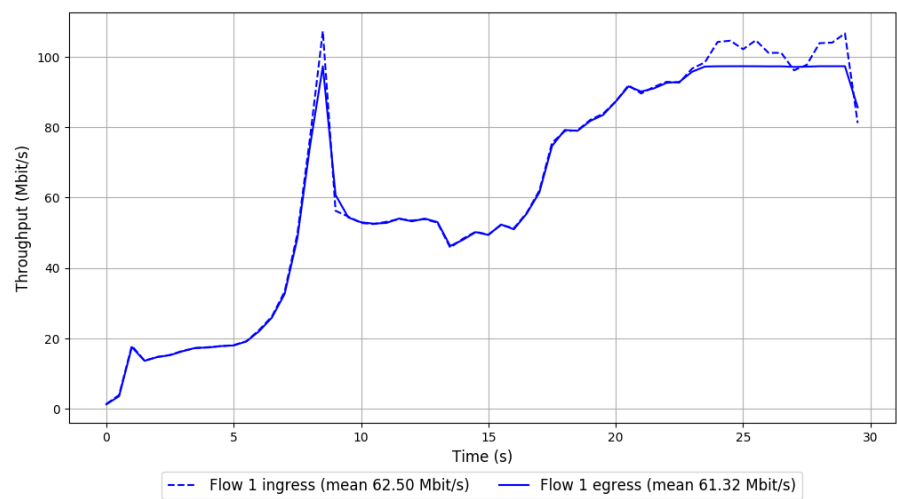
-- Flow 1:

Average throughput: 61.32 Mbit/s

95th percentile per-packet one-way delay: 63.097 ms

Loss rate: 1.82%

Run 6: Report of Vivace-loss — Data Link

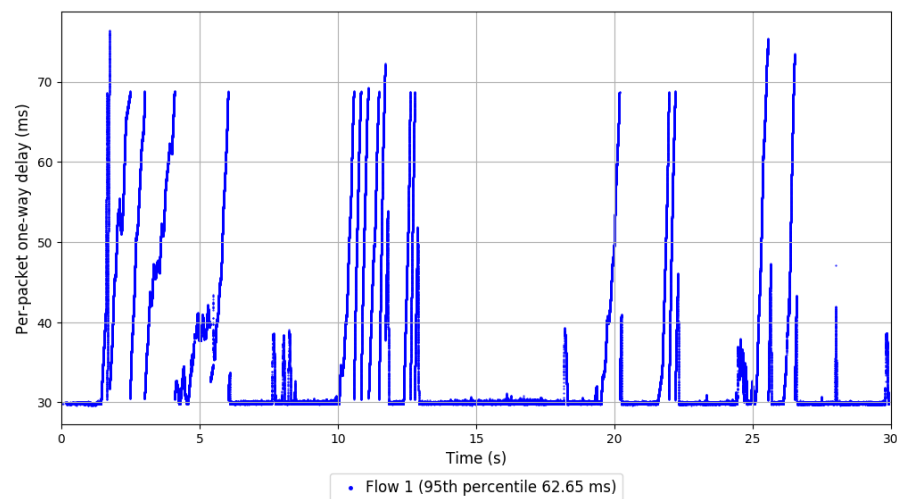
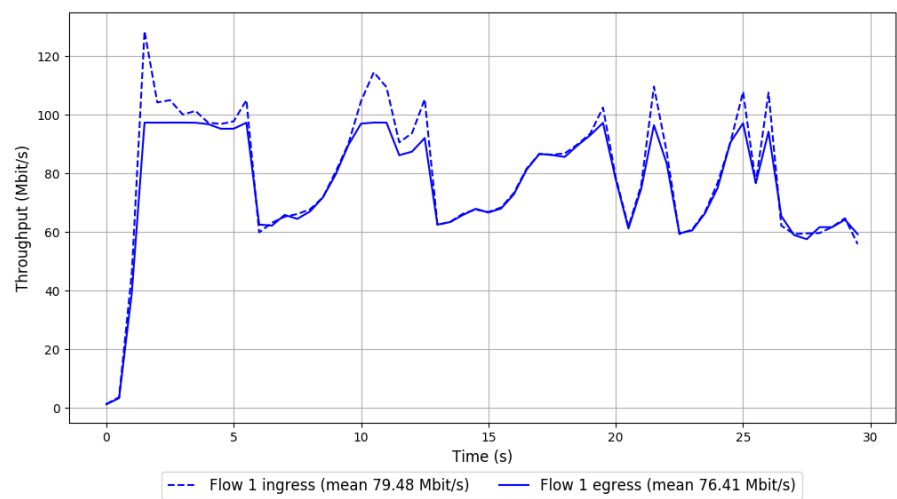


Run 7: Statistics of Vivace-loss

Start at: 2018-02-16 05:39:18
End at: 2018-02-16 05:39:48
Local clock offset: 4.782 ms
Remote clock offset: -3.674 ms

Below is generated by plot.py at 2018-02-16 08:02:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.41 Mbit/s
95th percentile per-packet one-way delay: 62.646 ms
Loss rate: 3.86%
-- Flow 1:
Average throughput: 76.41 Mbit/s
95th percentile per-packet one-way delay: 62.646 ms
Loss rate: 3.86%

Run 7: Report of Vivace-loss — Data Link

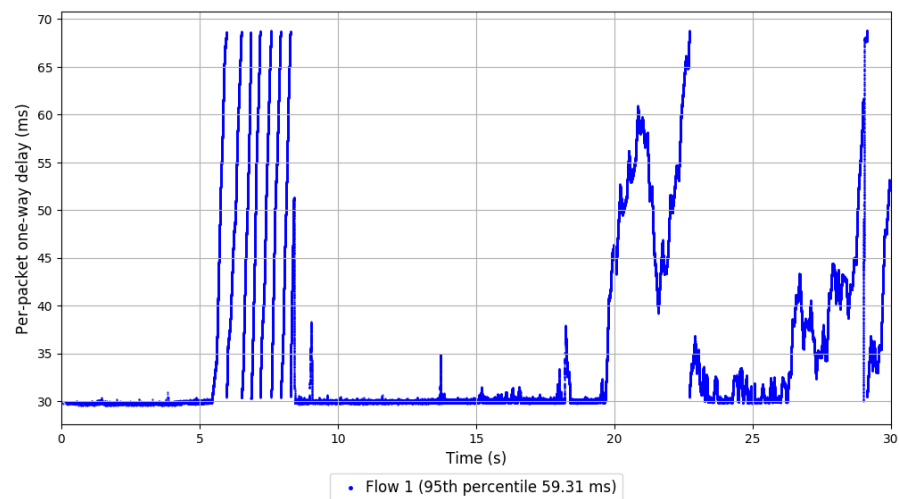
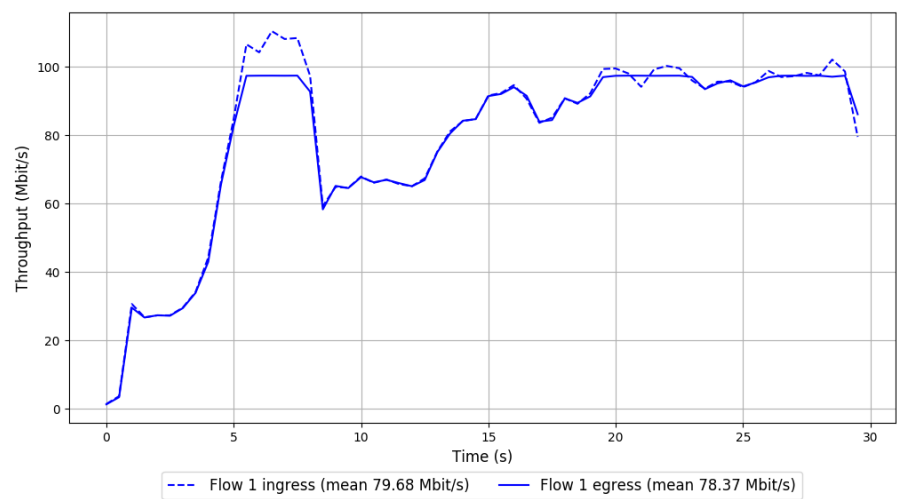


Run 8: Statistics of Vivace-loss

Start at: 2018-02-16 06:05:31
End at: 2018-02-16 06:06:01
Local clock offset: 2.347 ms
Remote clock offset: -2.564 ms

Below is generated by plot.py at 2018-02-16 08:02:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.37 Mbit/s
95th percentile per-packet one-way delay: 59.309 ms
Loss rate: 1.56%
-- Flow 1:
Average throughput: 78.37 Mbit/s
95th percentile per-packet one-way delay: 59.309 ms
Loss rate: 1.56%

Run 8: Report of Vivace-loss — Data Link



Run 9: Statistics of Vivace-loss

Start at: 2018-02-16 06:33:39

End at: 2018-02-16 06:34:09

Local clock offset: 2.522 ms

Remote clock offset: -7.741 ms

Below is generated by plot.py at 2018-02-16 08:02:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.42 Mbit/s

95th percentile per-packet one-way delay: 61.193 ms

Loss rate: 5.07%

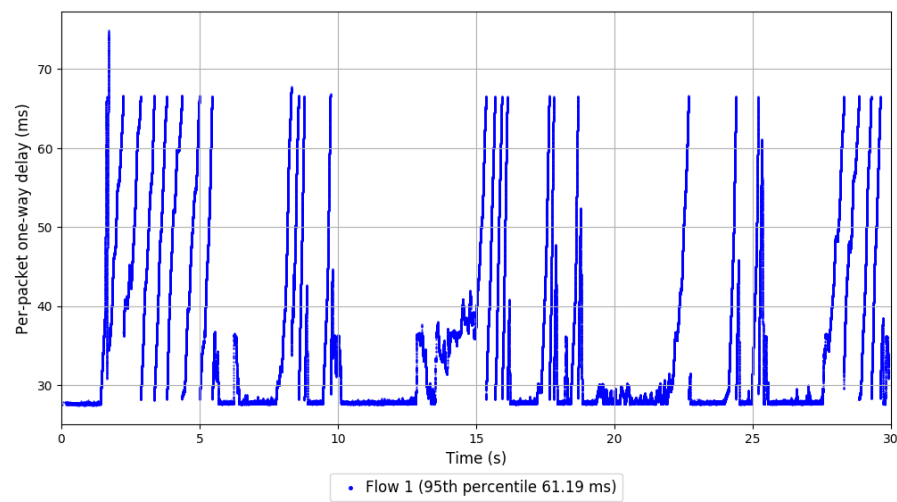
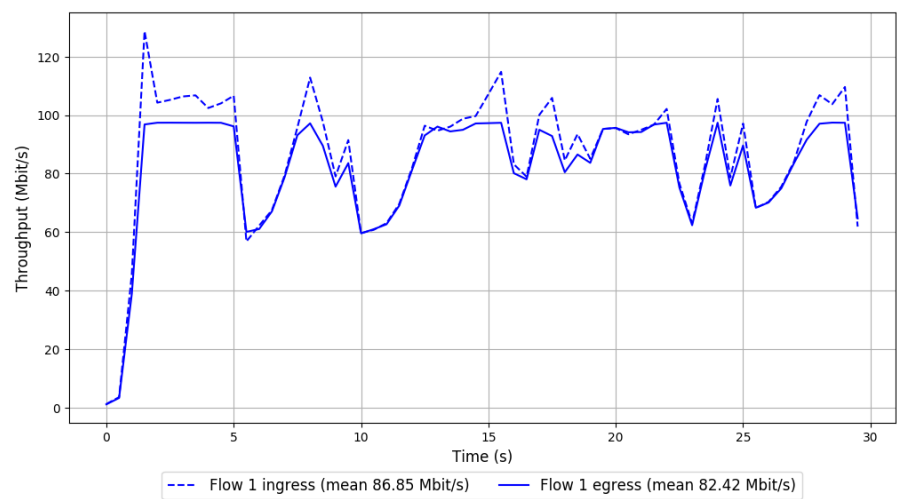
-- Flow 1:

Average throughput: 82.42 Mbit/s

95th percentile per-packet one-way delay: 61.193 ms

Loss rate: 5.07%

Run 9: Report of Vivace-loss — Data Link

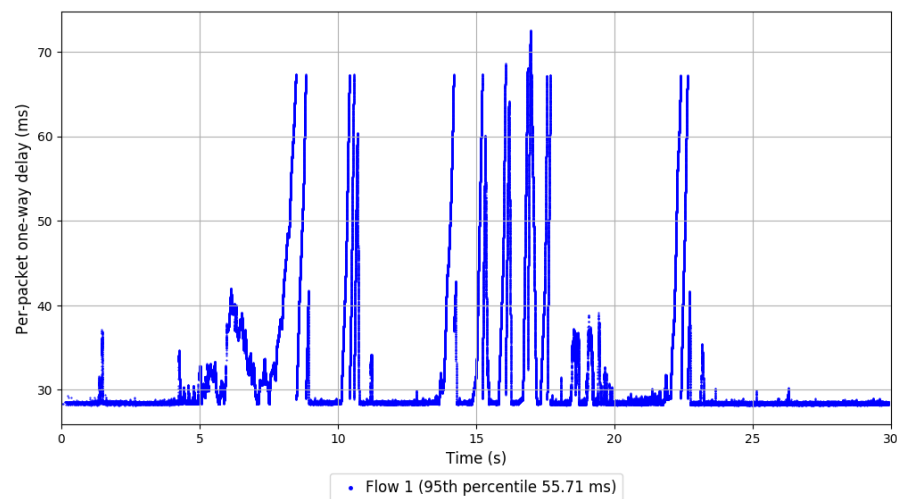
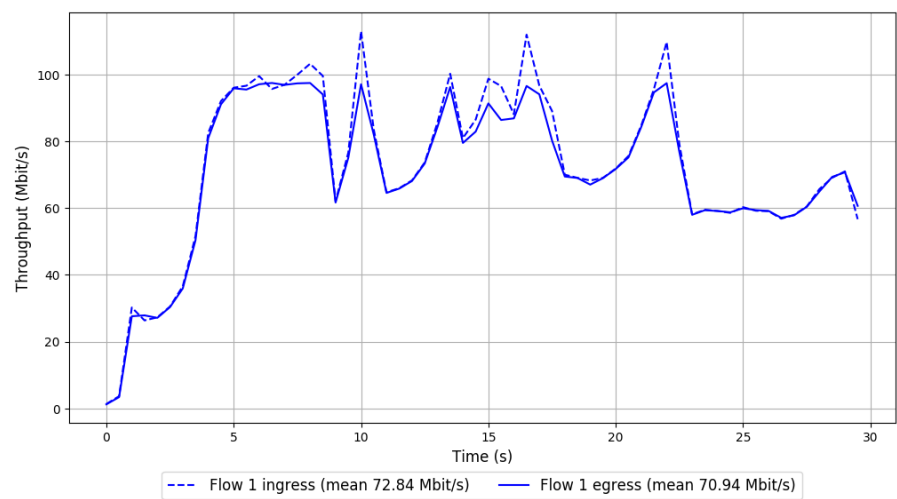


Run 10: Statistics of Vivace-loss

Start at: 2018-02-16 07:00:20
End at: 2018-02-16 07:00:50
Local clock offset: 0.96 ms
Remote clock offset: -2.386 ms

Below is generated by plot.py at 2018-02-16 08:02:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 70.94 Mbit/s
95th percentile per-packet one-way delay: 55.710 ms
Loss rate: 2.61%
-- Flow 1:
Average throughput: 70.94 Mbit/s
95th percentile per-packet one-way delay: 55.710 ms
Loss rate: 2.61%

Run 10: Report of Vivace-loss — Data Link



Run 1: Statistics of Vivace-LTE

Start at: 2018-02-16 02:49:09

End at: 2018-02-16 02:49:39

Local clock offset: 1.368 ms

Remote clock offset: -2.966 ms

Below is generated by plot.py at 2018-02-16 08:02:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 15.31 Mbit/s

95th percentile per-packet one-way delay: 30.078 ms

Loss rate: 0.10%

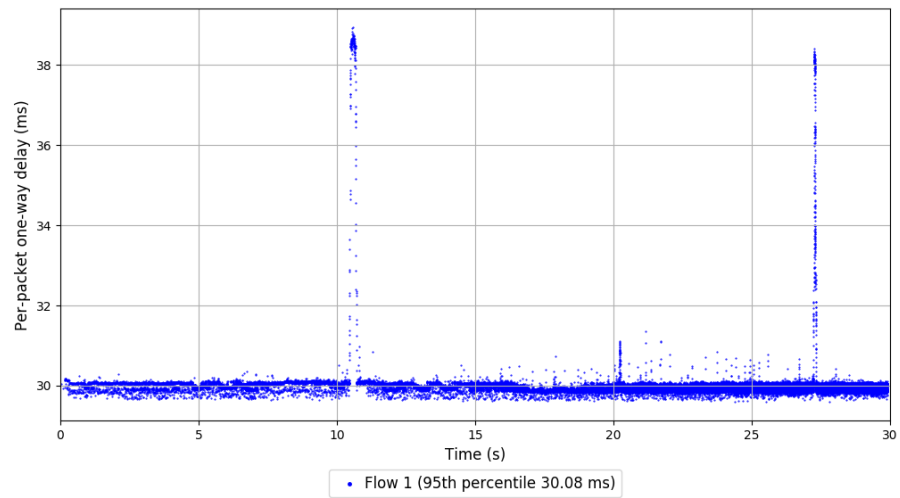
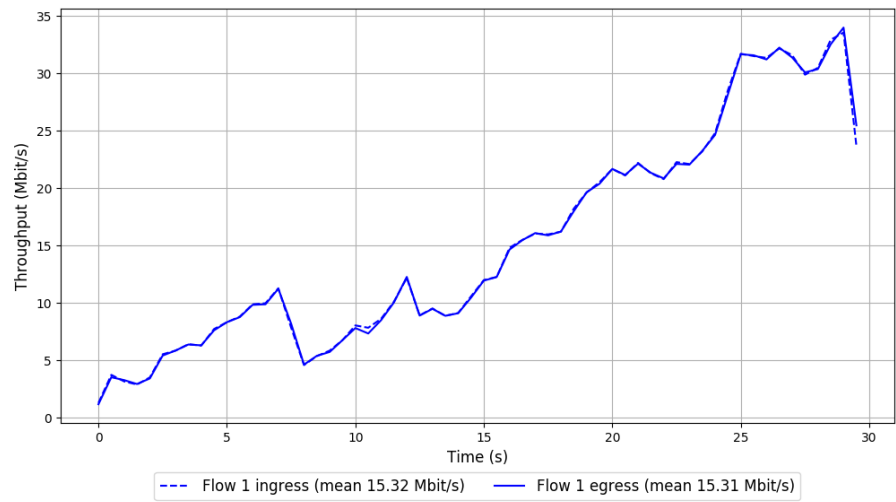
-- Flow 1:

Average throughput: 15.31 Mbit/s

95th percentile per-packet one-way delay: 30.078 ms

Loss rate: 0.10%

Run 1: Report of Vivace-LTE — Data Link

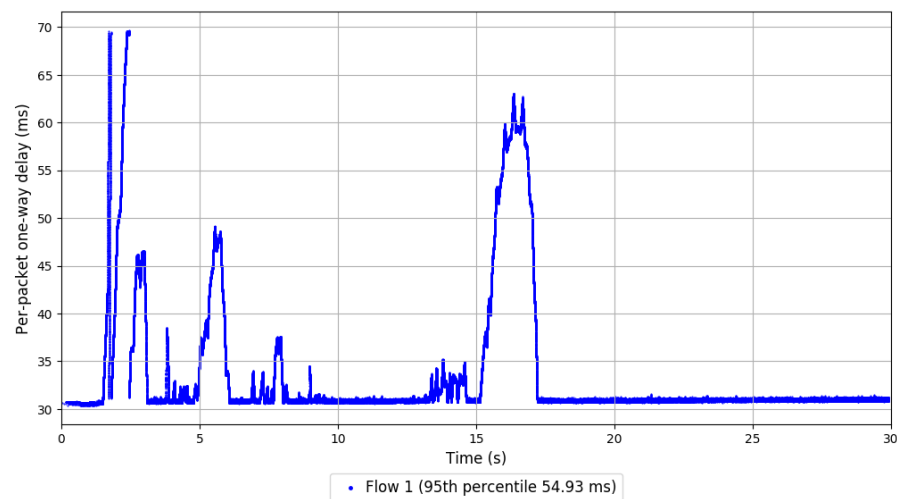
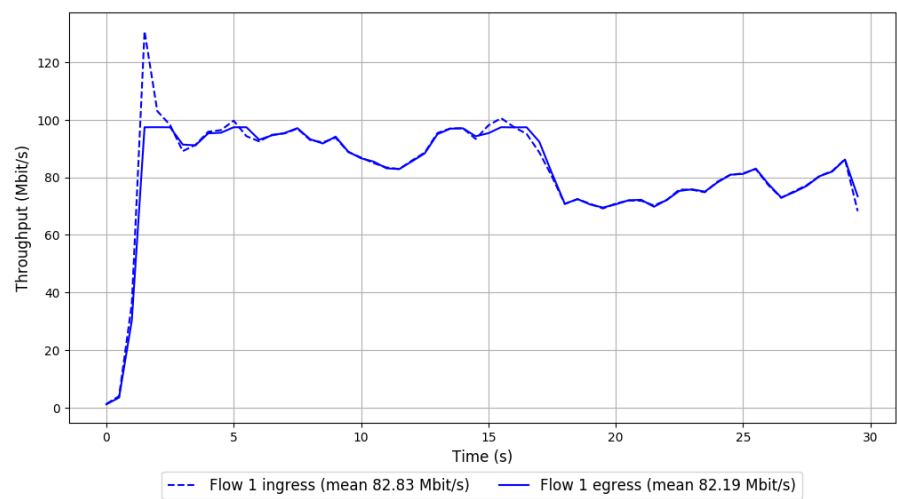


Run 2: Statistics of Vivace-LTE

Start at: 2018-02-16 03:18:32
End at: 2018-02-16 03:19:02
Local clock offset: 0.912 ms
Remote clock offset: -5.728 ms

Below is generated by plot.py at 2018-02-16 08:03:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.19 Mbit/s
95th percentile per-packet one-way delay: 54.932 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 82.19 Mbit/s
95th percentile per-packet one-way delay: 54.932 ms
Loss rate: 0.78%

Run 2: Report of Vivace-LTE — Data Link



Run 3: Statistics of Vivace-LTE

Start at: 2018-02-16 03:49:39

End at: 2018-02-16 03:50:09

Local clock offset: 0.708 ms

Remote clock offset: -8.665 ms

Below is generated by plot.py at 2018-02-16 08:03:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 58.29 Mbit/s

95th percentile per-packet one-way delay: 31.512 ms

Loss rate: 0.16%

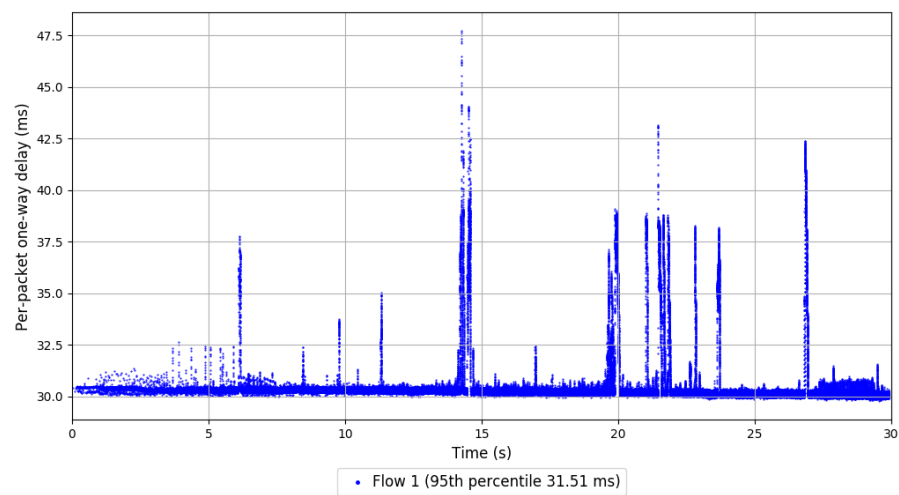
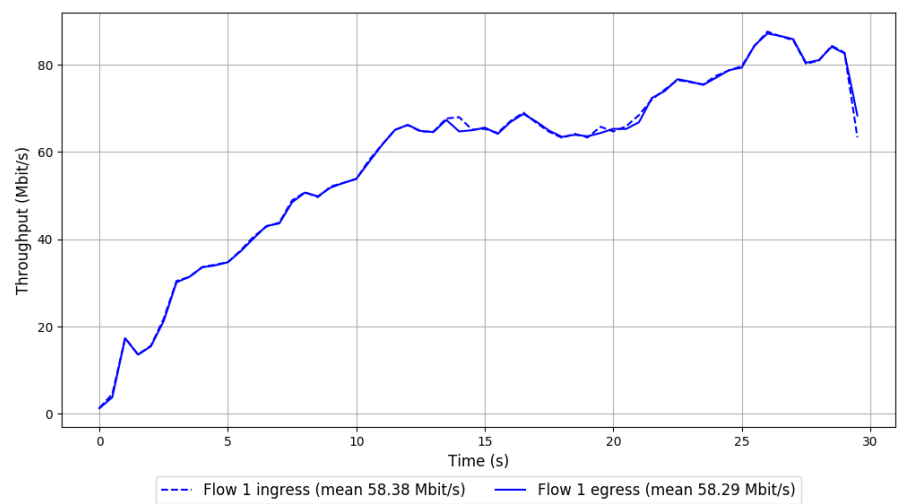
-- Flow 1:

Average throughput: 58.29 Mbit/s

95th percentile per-packet one-way delay: 31.512 ms

Loss rate: 0.16%

Run 3: Report of Vivace-LTE — Data Link



Run 4: Statistics of Vivace-LTE

Start at: 2018-02-16 04:22:12

End at: 2018-02-16 04:22:42

Local clock offset: 0.7 ms

Remote clock offset: -3.21 ms

Below is generated by plot.py at 2018-02-16 08:03:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 55.58 Mbit/s

95th percentile per-packet one-way delay: 31.213 ms

Loss rate: 0.07%

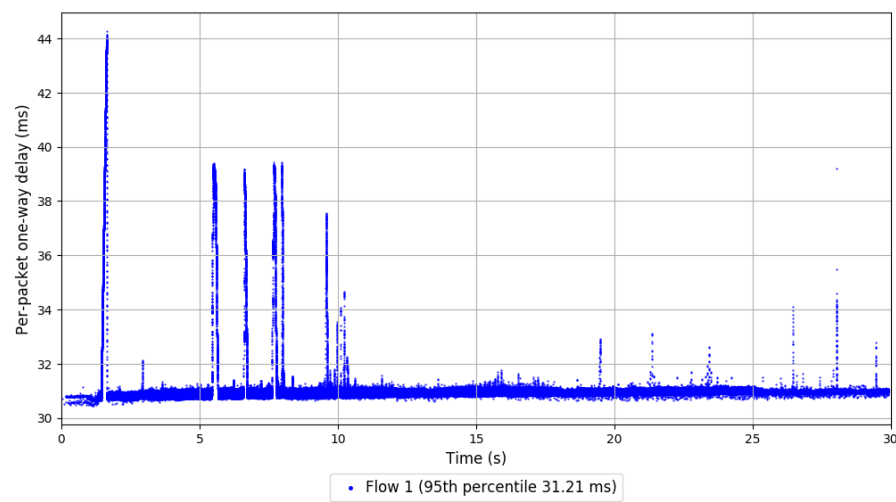
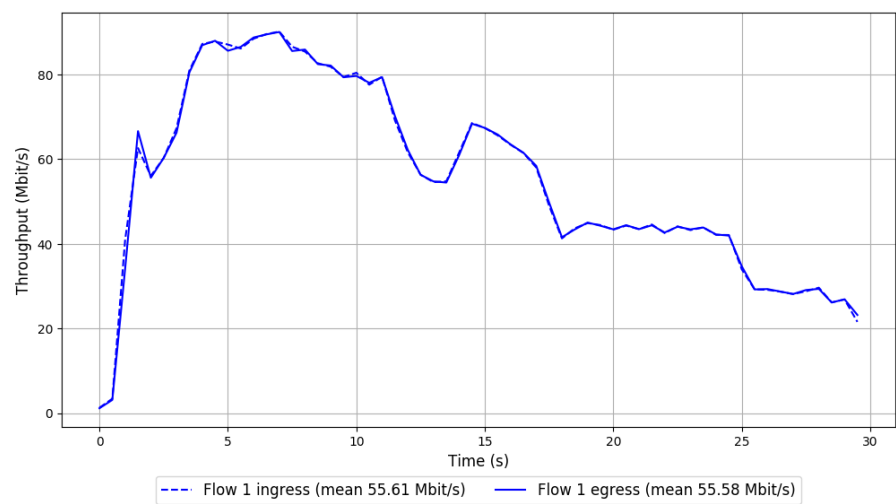
-- Flow 1:

Average throughput: 55.58 Mbit/s

95th percentile per-packet one-way delay: 31.213 ms

Loss rate: 0.07%

Run 4: Report of Vivace-LTE — Data Link



Run 5: Statistics of Vivace-LTE

Start at: 2018-02-16 04:54:44

End at: 2018-02-16 04:55:14

Local clock offset: 3.056 ms

Remote clock offset: -12.13 ms

Below is generated by plot.py at 2018-02-16 08:03:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 21.25 Mbit/s

95th percentile per-packet one-way delay: 31.604 ms

Loss rate: 0.09%

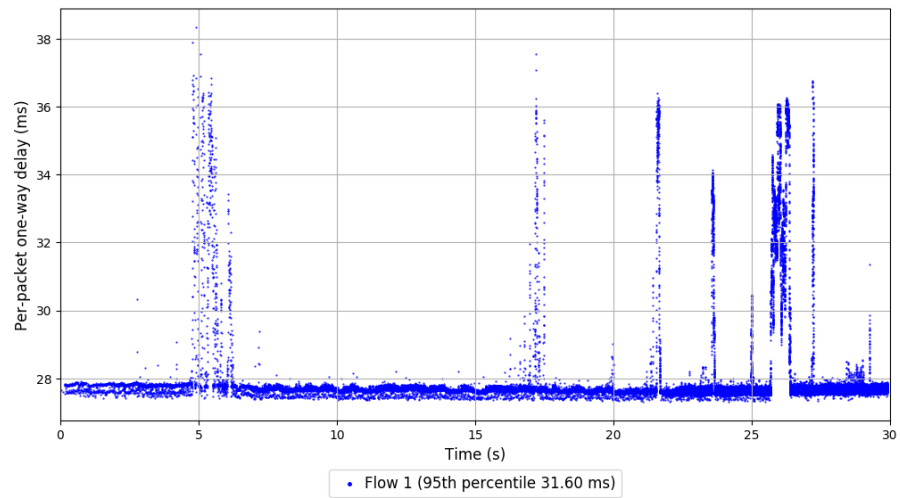
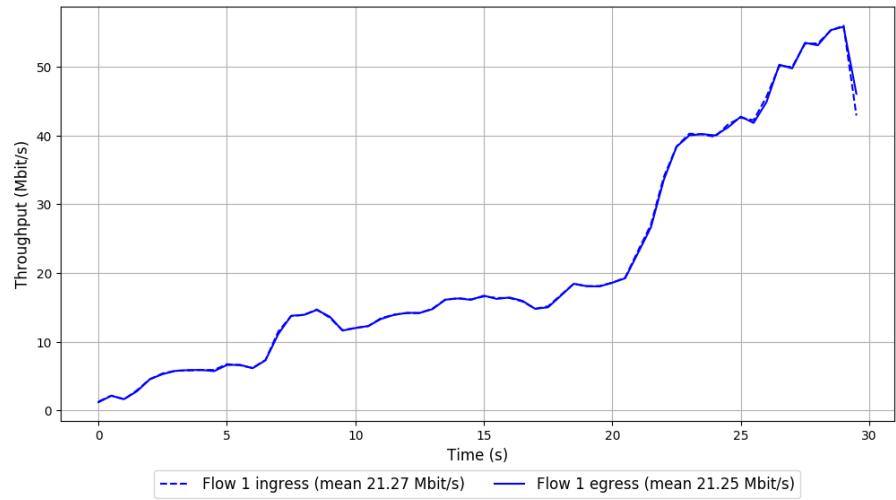
-- Flow 1:

Average throughput: 21.25 Mbit/s

95th percentile per-packet one-way delay: 31.604 ms

Loss rate: 0.09%

Run 5: Report of Vivace-LTE — Data Link



Run 6: Statistics of Vivace-LTE

Start at: 2018-02-16 05:24:14

End at: 2018-02-16 05:24:44

Local clock offset: 4.316 ms

Remote clock offset: -9.315 ms

Below is generated by plot.py at 2018-02-16 08:03:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 10.72 Mbit/s

95th percentile per-packet one-way delay: 27.829 ms

Loss rate: 0.05%

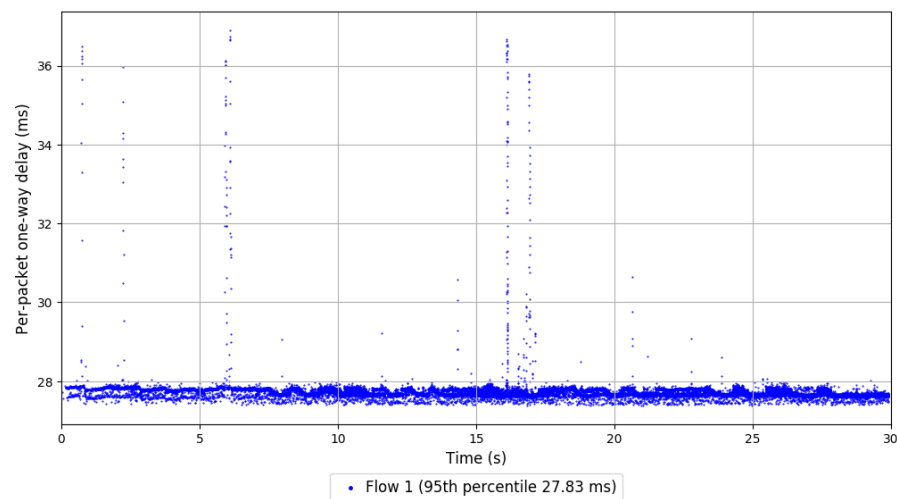
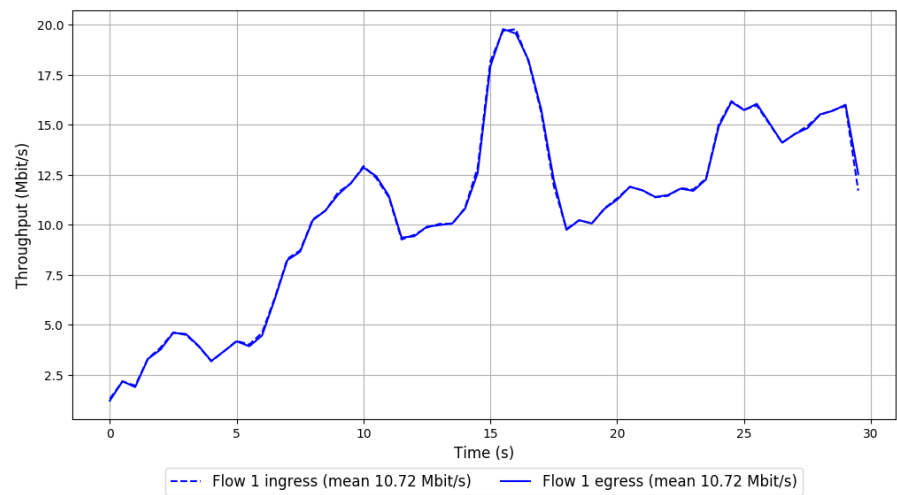
-- Flow 1:

Average throughput: 10.72 Mbit/s

95th percentile per-packet one-way delay: 27.829 ms

Loss rate: 0.05%

Run 6: Report of Vivace-LTE — Data Link

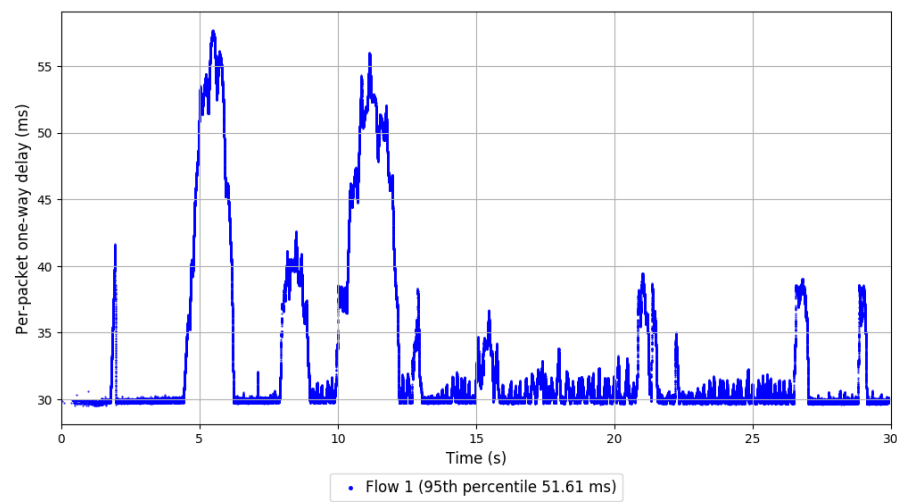
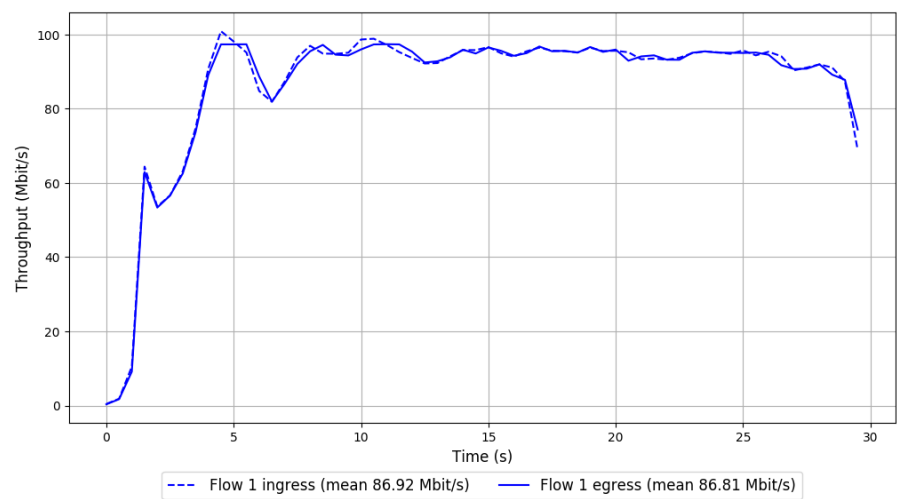


Run 7: Statistics of Vivace-LTE

Start at: 2018-02-16 05:51:03
End at: 2018-02-16 05:51:33
Local clock offset: 3.39 ms
Remote clock offset: -2.048 ms

Below is generated by plot.py at 2018-02-16 08:03:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.81 Mbit/s
95th percentile per-packet one-way delay: 51.609 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 86.81 Mbit/s
95th percentile per-packet one-way delay: 51.609 ms
Loss rate: 0.14%

Run 7: Report of Vivace-LTE — Data Link

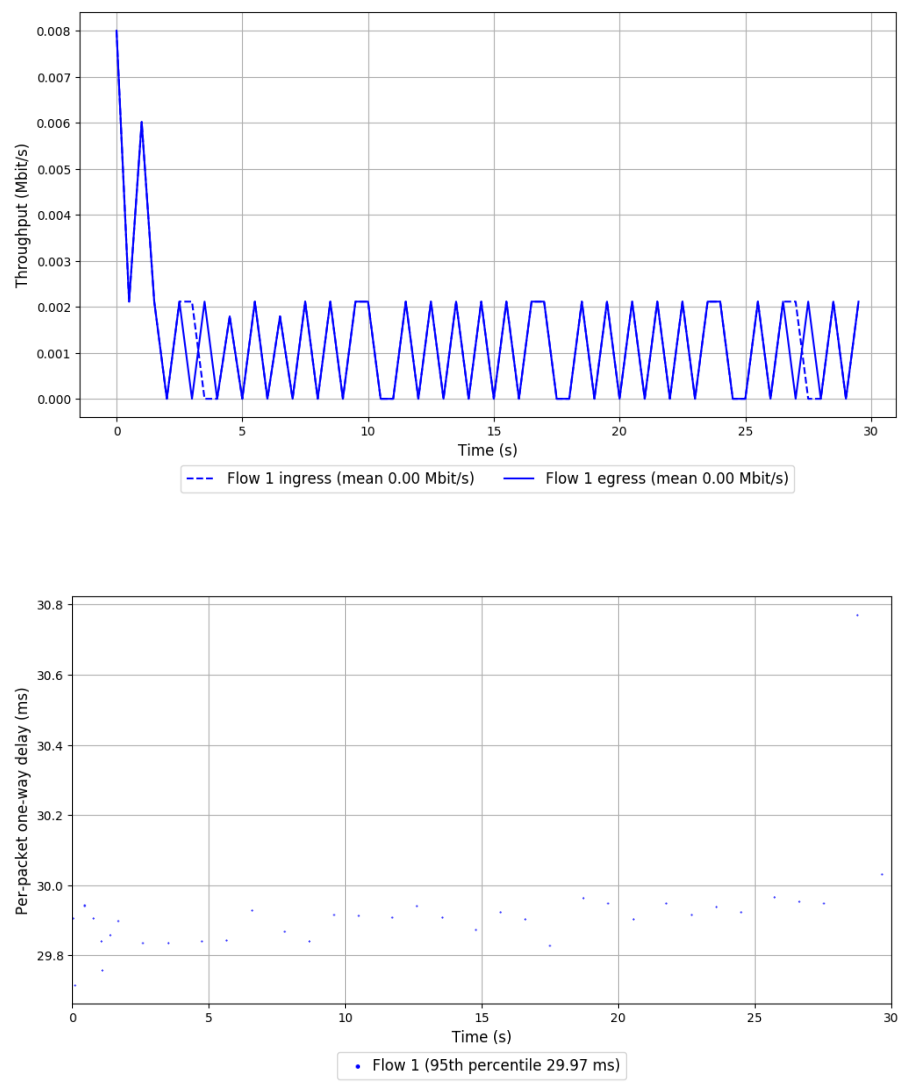


Run 8: Statistics of Vivace-LTE

Start at: 2018-02-16 06:18:51
End at: 2018-02-16 06:19:21
Local clock offset: 2.128 ms
Remote clock offset: -4.693 ms

Below is generated by plot.py at 2018-02-16 08:03:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 29.968 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 29.968 ms
Loss rate: 0.00%

Run 8: Report of Vivace-LTE — Data Link

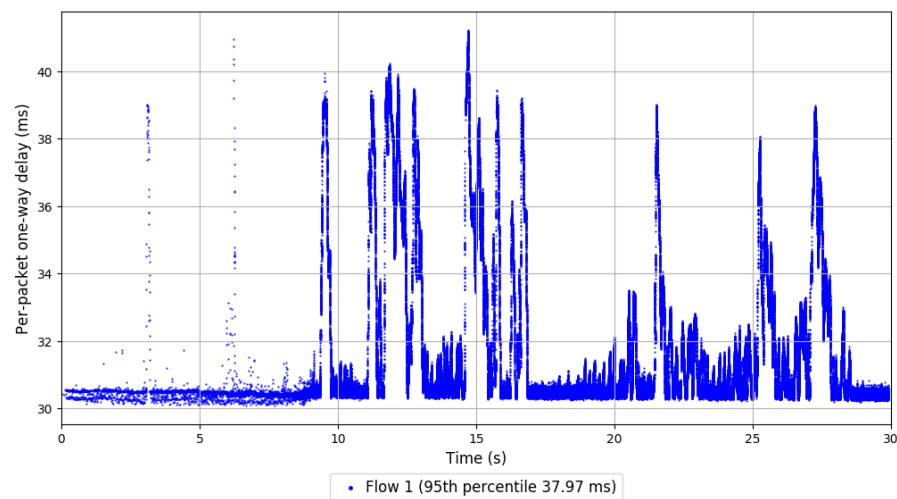
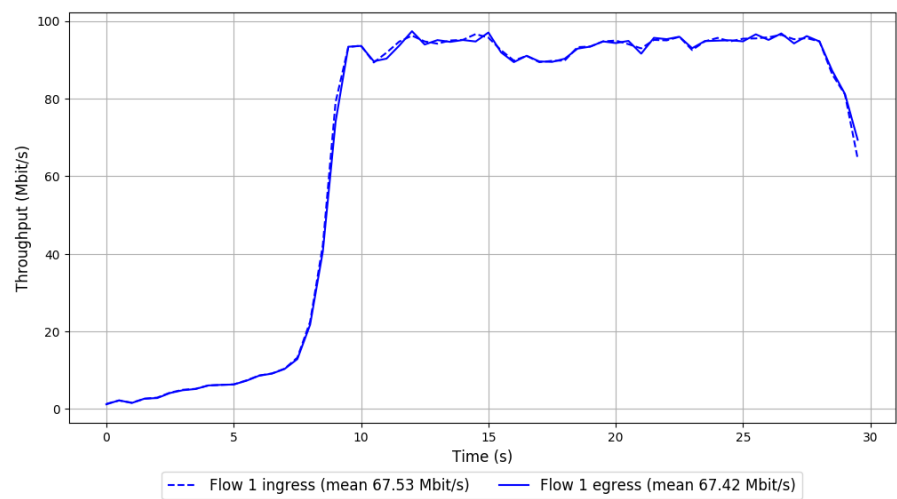


Run 9: Statistics of Vivace-LTE

Start at: 2018-02-16 06:45:21
End at: 2018-02-16 06:45:51
Local clock offset: 2.566 ms
Remote clock offset: -2.783 ms

Below is generated by plot.py at 2018-02-16 08:03:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 67.42 Mbit/s
95th percentile per-packet one-way delay: 37.967 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 67.42 Mbit/s
95th percentile per-packet one-way delay: 37.967 ms
Loss rate: 0.16%

Run 9: Report of Vivace-LTE — Data Link



Run 10: Statistics of Vivace-LTE

Start at: 2018-02-16 07:13:38

End at: 2018-02-16 07:14:08

Local clock offset: -0.29 ms

Remote clock offset: -3.753 ms

Below is generated by plot.py at 2018-02-16 08:03:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 76.09 Mbit/s

95th percentile per-packet one-way delay: 33.082 ms

Loss rate: 0.28%

-- Flow 1:

Average throughput: 76.09 Mbit/s

95th percentile per-packet one-way delay: 33.082 ms

Loss rate: 0.28%

Run 10: Report of Vivace-LTE — Data Link

