

Pantheon Report

Generated at 2018-03-13 08:59:55 (UTC).

Data path: AWS Brazil 2 Ethernet (*local*) → Colombia 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).

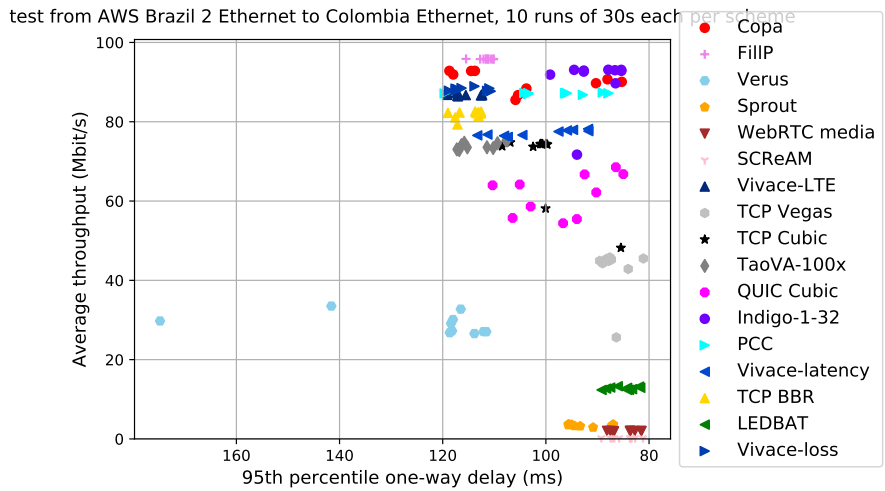
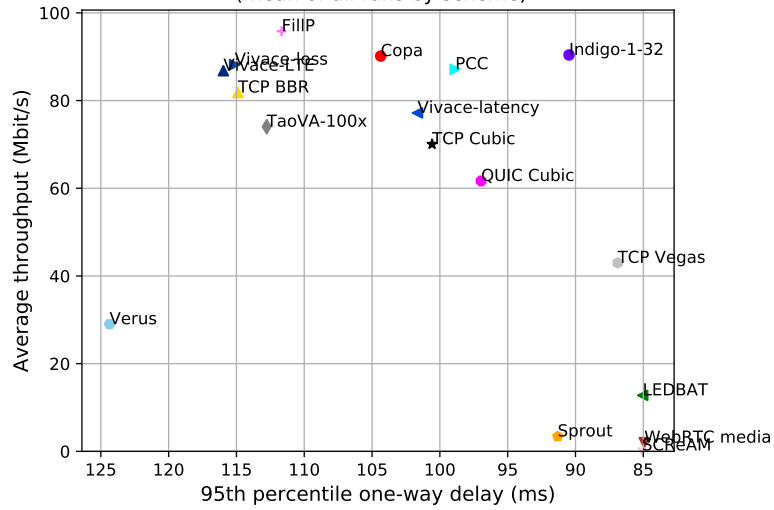
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

NTP offsets were measured against **gps.ntp.br** and have been applied to correct the timestamps in logs.

Git summary:

```
branch: master @ f12c42a2c63fdd9a862eefa0468859bf379b6623
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/fixlisp @ 828bbf95fd4941149b5cec90f281d1c69ae1a5c6
third_party/genericCC @ 9249eea3238475c4d8cca1443d28df70bff6c4a2
third_party/indigo @ a9b2060d39e4da2e8987e893e3eca2a6c7cd0ab9
third_party/indigo-1-layer-128-unit @ 3ae9e4ef4230db7484501f82ce8b377695f2f66d
third_party/indigo-1-layer-32-unit @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/indigo-1-layer-32-unit-no-calib @ 1f3a7f75b41135ed5b540c0fd3505939528e2a5f
third_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ fb1053193c2861da659ba9013db26744ccfcf993
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/proto-quick @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eae3b30b267cde681
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 Brazil 2 Ethernet to Colombia Ethernet, 10 runs of 30s each per scheme
(mean of all runs by scheme)



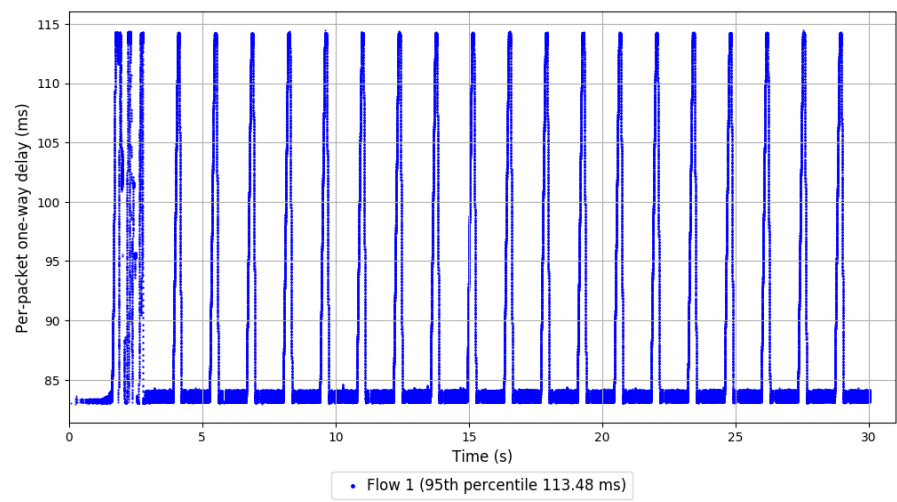
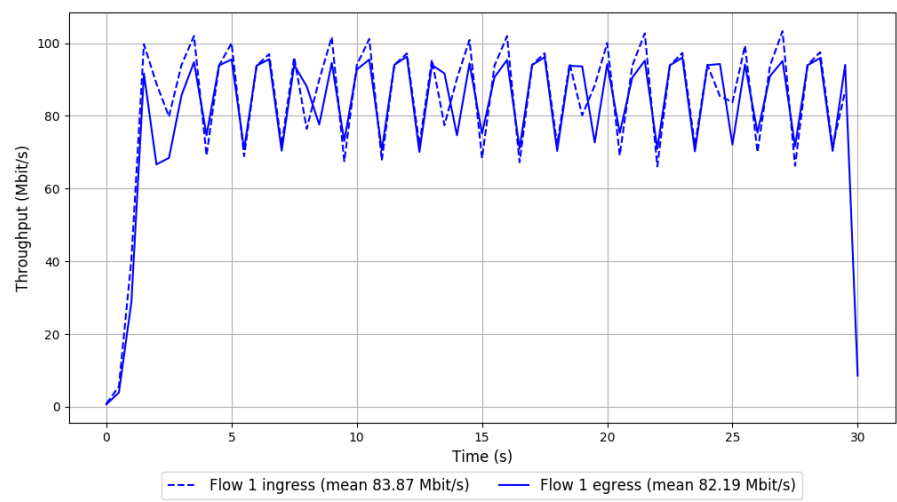
scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	81.83	114.89	2.30
TCP Cubic	10	70.05	100.58	0.37
LEDBAT	10	12.76	85.05	0.00
PCC	10	87.15	98.87	1.49
QUIC Cubic	10	61.66	96.96	0.21
SCReAM	10	0.22	85.10	0.00
WebRTC media	10	1.98	84.93	0.00
Sprout	10	3.40	91.32	0.00
TaoVA-100x	10	74.03	112.77	0.75
TCP Vegas	10	42.98	86.89	0.32
Verus	10	29.00	124.36	23.42
Copa	10	90.15	104.36	35.75
FillP	10	95.82	111.67	15.05
Indigo-1-32	10	90.40	90.47	0.77
Vivace-latency	10	77.17	101.65	0.08
Vivace-loss	10	88.18	115.13	2.34
Vivace-LTE	10	86.81	115.96	1.95

Run 1: Statistics of TCP BBR

Start at: 2018-03-13 04:49:28
End at: 2018-03-13 04:49:58
Local clock offset: -4.916 ms
Remote clock offset: -4.832 ms

Below is generated by plot.py at 2018-03-13 08:36:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.19 Mbit/s
95th percentile per-packet one-way delay: 113.481 ms
Loss rate: 1.99%
-- Flow 1:
Average throughput: 82.19 Mbit/s
95th percentile per-packet one-way delay: 113.481 ms
Loss rate: 1.99%

Run 1: Report of TCP BBR — Data Link

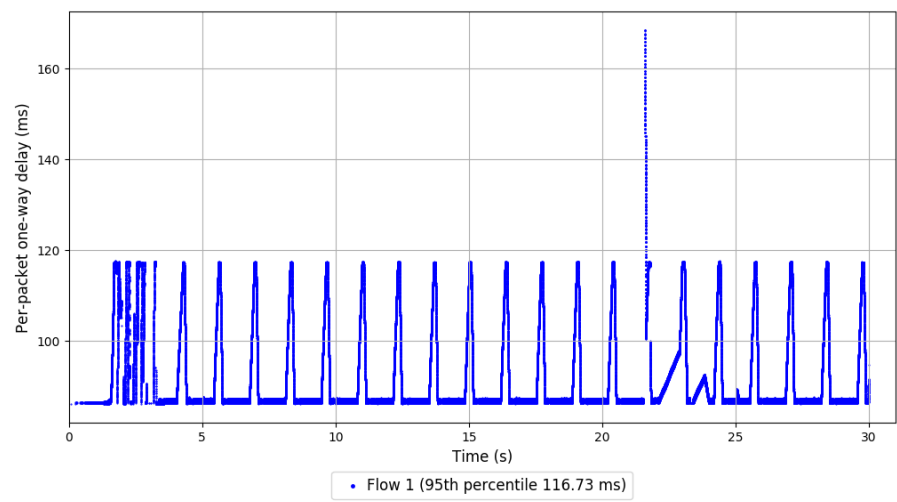
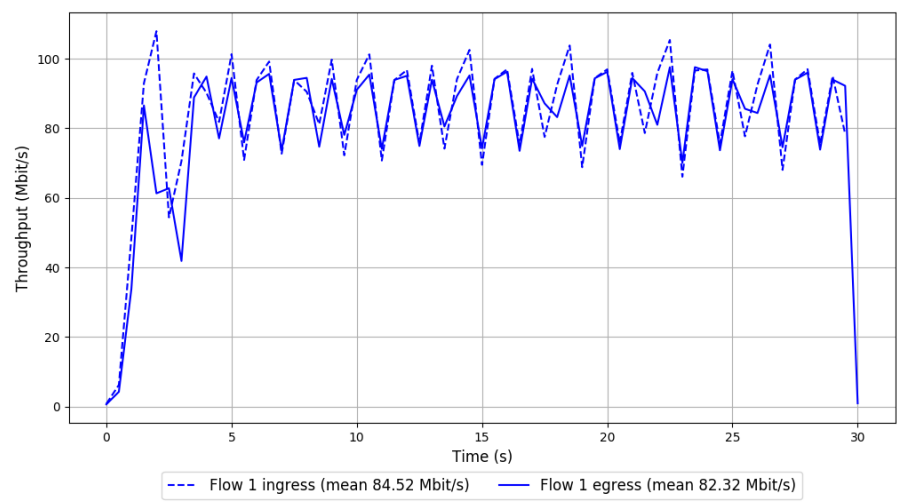


Run 2: Statistics of TCP BBR

Start at: 2018-03-13 05:11:49
End at: 2018-03-13 05:12:19
Local clock offset: -3.399 ms
Remote clock offset: -0.303 ms

Below is generated by plot.py at 2018-03-13 08:36:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.32 Mbit/s
95th percentile per-packet one-way delay: 116.734 ms
Loss rate: 2.59%
-- Flow 1:
Average throughput: 82.32 Mbit/s
95th percentile per-packet one-way delay: 116.734 ms
Loss rate: 2.59%

Run 2: Report of TCP BBR — Data Link

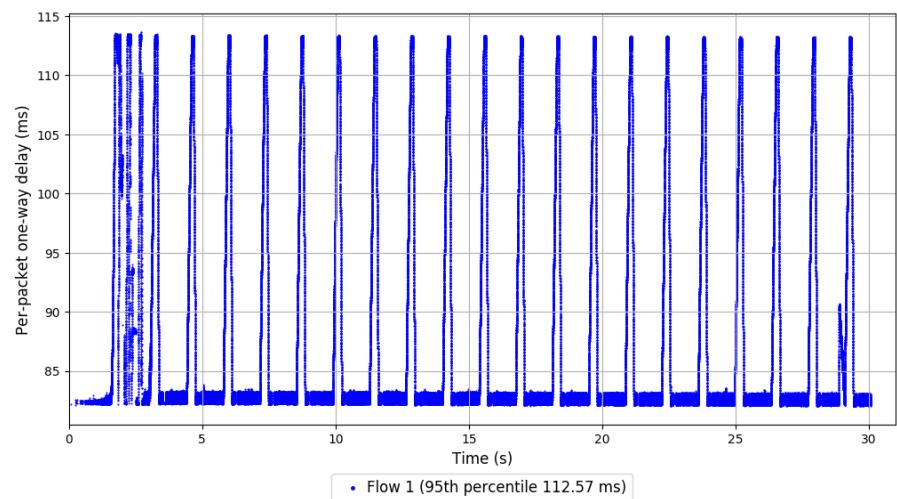
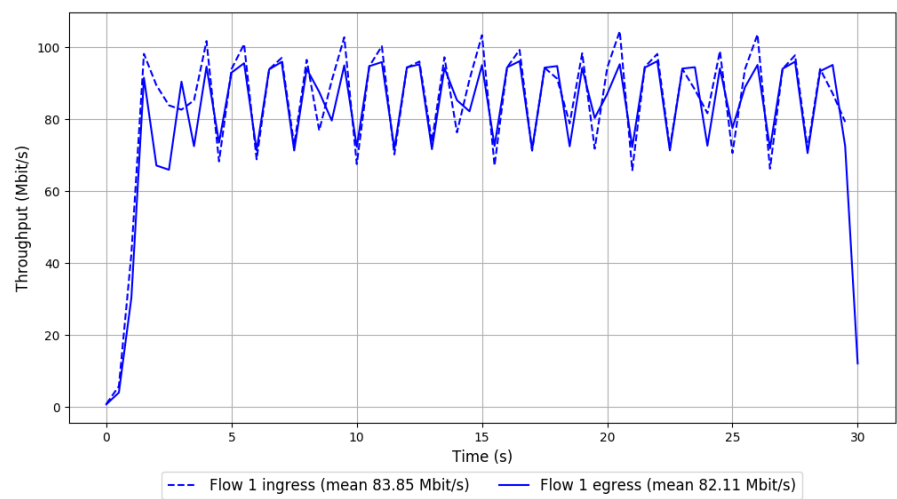


Run 3: Statistics of TCP BBR

Start at: 2018-03-13 05:33:51
End at: 2018-03-13 05:34:21
Local clock offset: -2.486 ms
Remote clock offset: -6.272 ms

Below is generated by plot.py at 2018-03-13 08:36:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.11 Mbit/s
95th percentile per-packet one-way delay: 112.574 ms
Loss rate: 2.07%
-- Flow 1:
Average throughput: 82.11 Mbit/s
95th percentile per-packet one-way delay: 112.574 ms
Loss rate: 2.07%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2018-03-13 05:55:52

End at: 2018-03-13 05:56:22

Local clock offset: -6.586 ms

Remote clock offset: -6.4 ms

Below is generated by plot.py at 2018-03-13 08:36:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.57 Mbit/s

95th percentile per-packet one-way delay: 112.567 ms

Loss rate: 2.20%

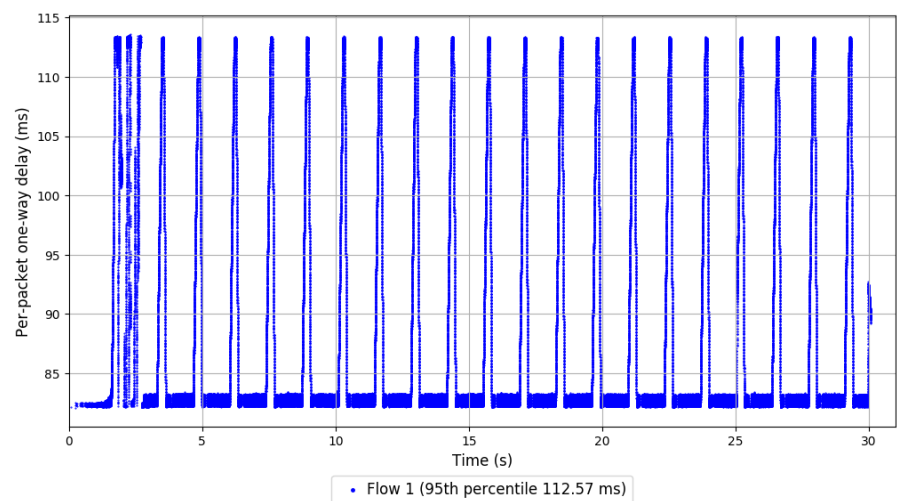
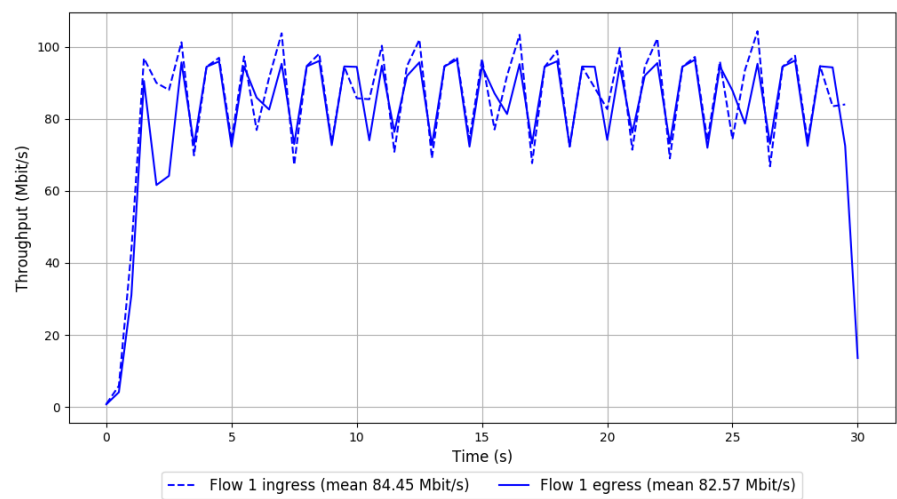
-- Flow 1:

Average throughput: 82.57 Mbit/s

95th percentile per-packet one-way delay: 112.567 ms

Loss rate: 2.20%

Run 4: Report of TCP BBR — Data Link

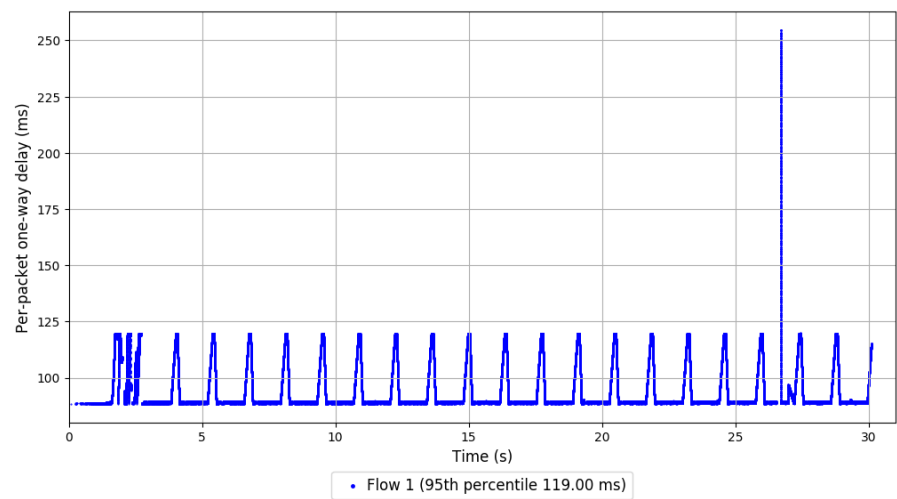
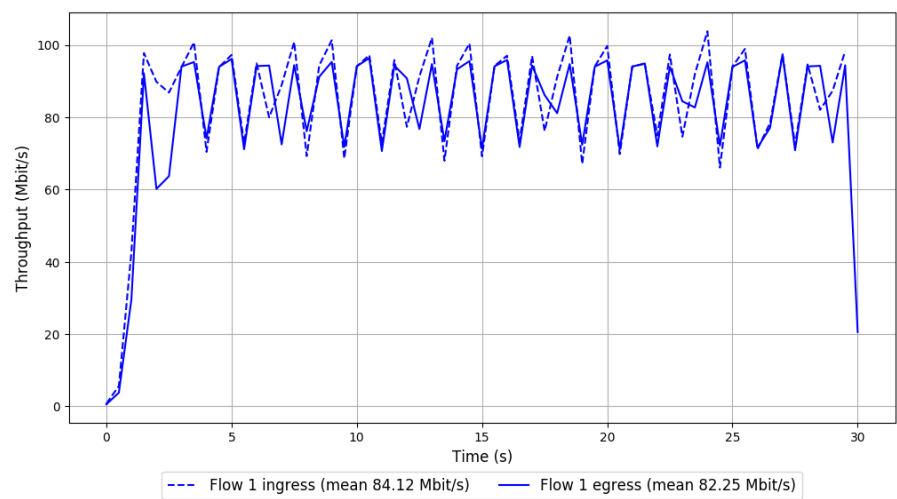


Run 5: Statistics of TCP BBR

Start at: 2018-03-13 06:17:54
End at: 2018-03-13 06:18:24
Local clock offset: -4.946 ms
Remote clock offset: -0.877 ms

Below is generated by plot.py at 2018-03-13 08:36:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.25 Mbit/s
95th percentile per-packet one-way delay: 118.998 ms
Loss rate: 2.14%
-- Flow 1:
Average throughput: 82.25 Mbit/s
95th percentile per-packet one-way delay: 118.998 ms
Loss rate: 2.14%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: 2018-03-13 06:39:56

End at: 2018-03-13 06:40:26

Local clock offset: -3.899 ms

Remote clock offset: -6.39 ms

Below is generated by plot.py at 2018-03-13 08:36:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.44 Mbit/s

95th percentile per-packet one-way delay: 113.054 ms

Loss rate: 2.03%

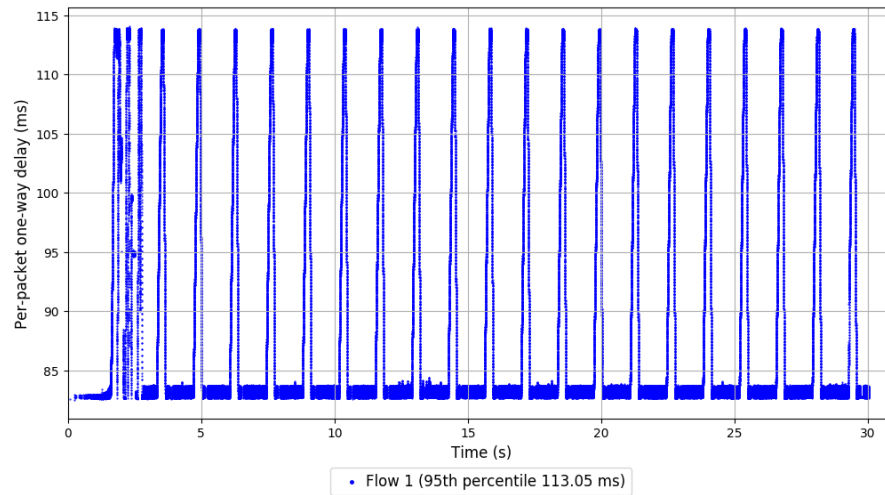
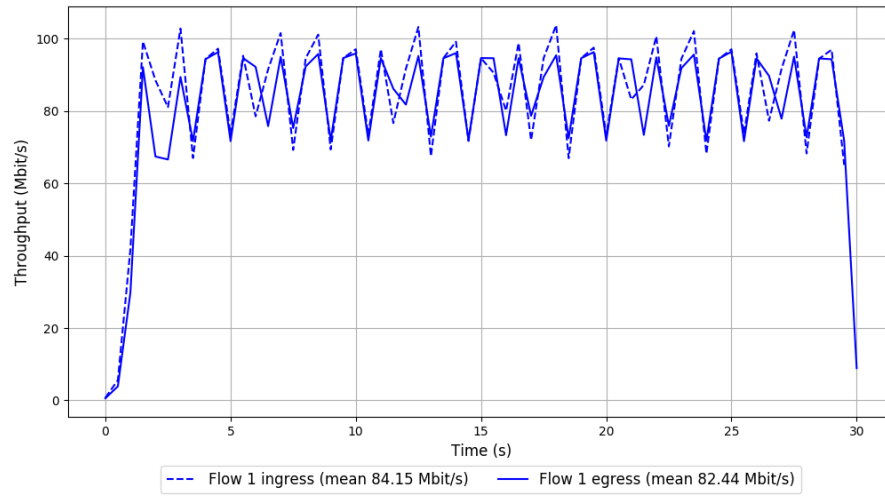
-- Flow 1:

Average throughput: 82.44 Mbit/s

95th percentile per-packet one-way delay: 113.054 ms

Loss rate: 2.03%

Run 6: Report of TCP BBR — Data Link

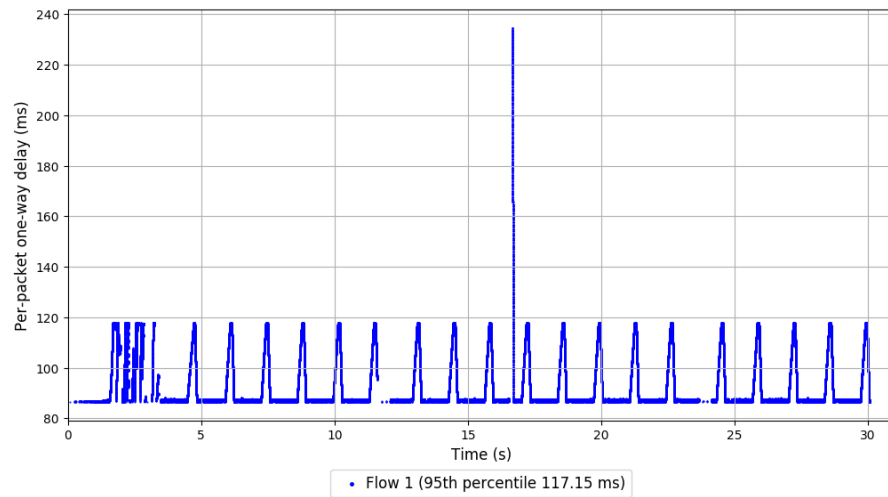
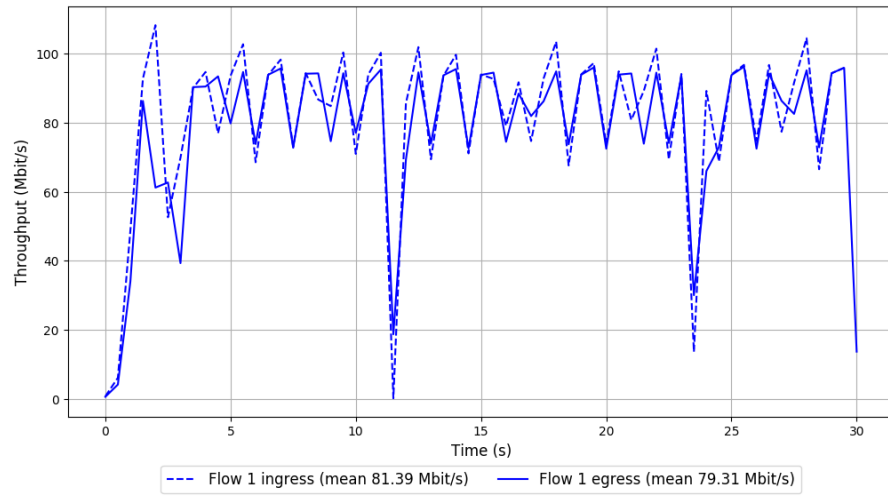


Run 7: Statistics of TCP BBR

Start at: 2018-03-13 07:01:59
End at: 2018-03-13 07:02:29
Local clock offset: -6.138 ms
Remote clock offset: -0.663 ms

Below is generated by plot.py at 2018-03-13 08:36:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 79.31 Mbit/s
95th percentile per-packet one-way delay: 117.149 ms
Loss rate: 2.56%
-- Flow 1:
Average throughput: 79.31 Mbit/s
95th percentile per-packet one-way delay: 117.149 ms
Loss rate: 2.56%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: 2018-03-13 07:24:14

End at: 2018-03-13 07:24:45

Local clock offset: -5.727 ms

Remote clock offset: 0.105 ms

Below is generated by plot.py at 2018-03-13 08:36:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.10 Mbit/s

95th percentile per-packet one-way delay: 117.582 ms

Loss rate: 2.00%

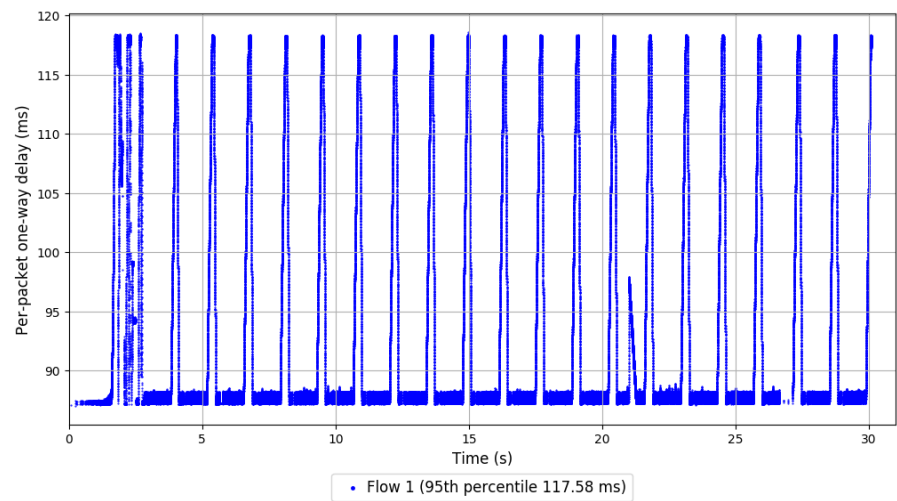
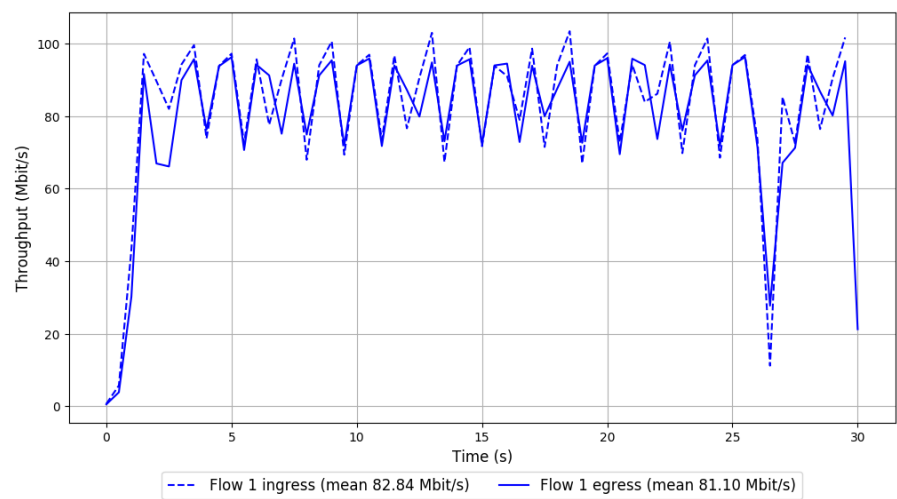
-- Flow 1:

Average throughput: 81.10 Mbit/s

95th percentile per-packet one-way delay: 117.582 ms

Loss rate: 2.00%

Run 8: Report of TCP BBR — Data Link

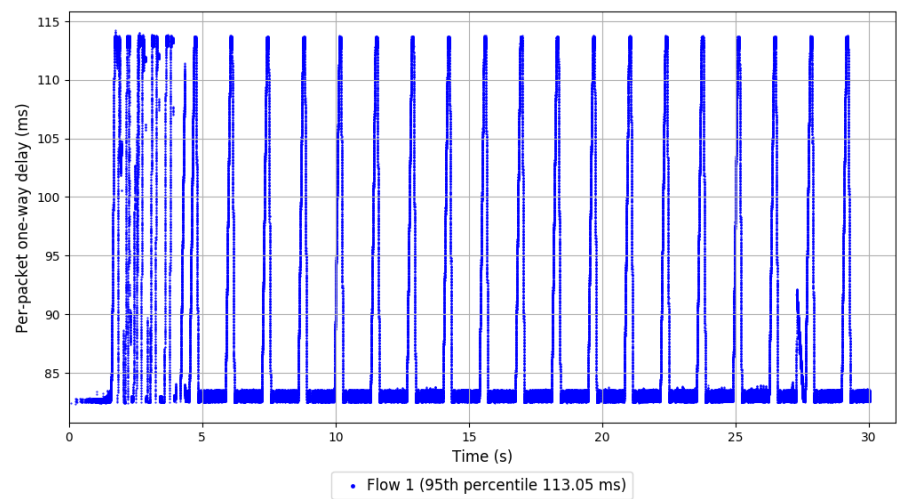
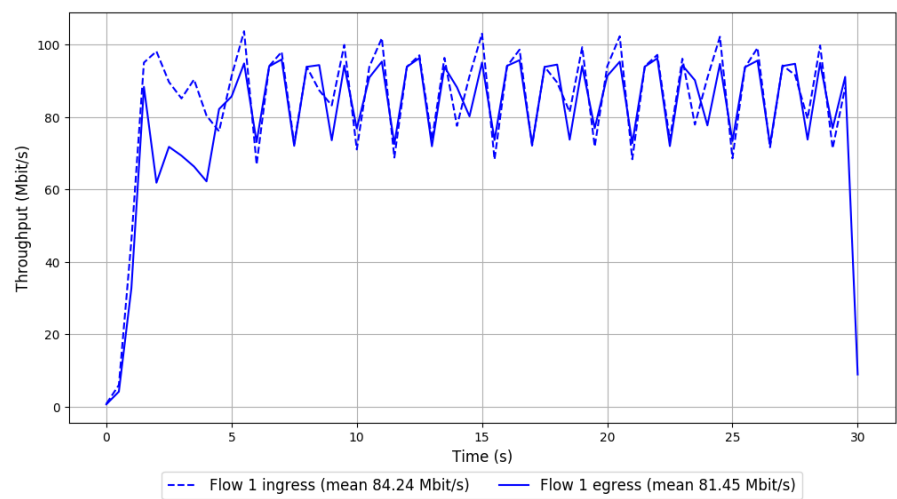


Run 9: Statistics of TCP BBR

Start at: 2018-03-13 07:46:32
End at: 2018-03-13 07:47:02
Local clock offset: -5.346 ms
Remote clock offset: -6.801 ms

Below is generated by plot.py at 2018-03-13 08:37:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 81.45 Mbit/s
95th percentile per-packet one-way delay: 113.051 ms
Loss rate: 3.31%
-- Flow 1:
Average throughput: 81.45 Mbit/s
95th percentile per-packet one-way delay: 113.051 ms
Loss rate: 3.31%

Run 9: Report of TCP BBR — Data Link

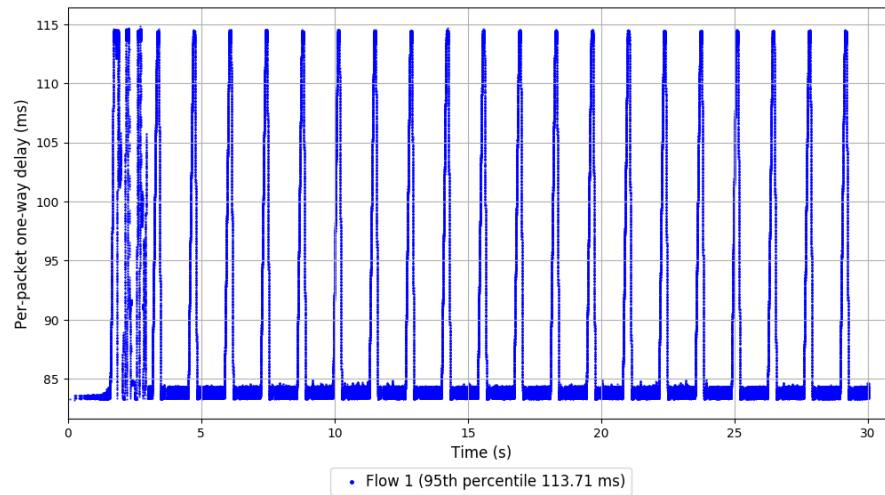
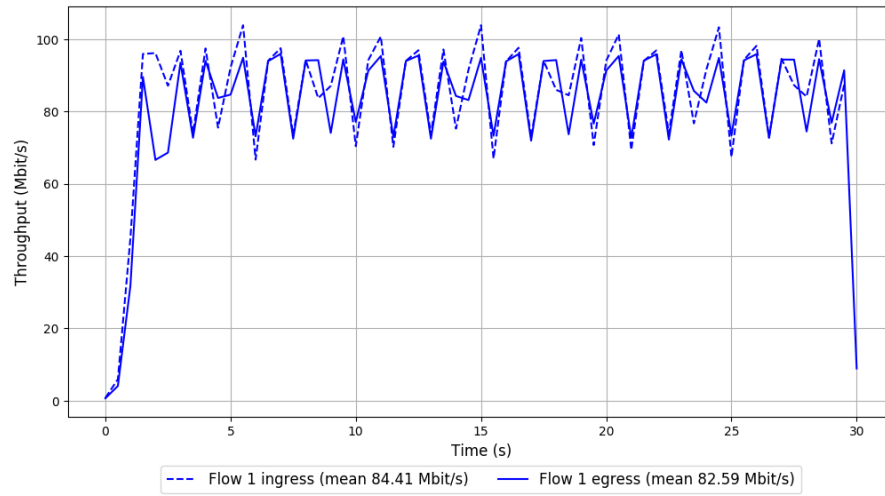


Run 10: Statistics of TCP BBR

Start at: 2018-03-13 08:08:38
End at: 2018-03-13 08:09:08
Local clock offset: -7.012 ms
Remote clock offset: -5.882 ms

Below is generated by plot.py at 2018-03-13 08:37:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.59 Mbit/s
95th percentile per-packet one-way delay: 113.706 ms
Loss rate: 2.16%
-- Flow 1:
Average throughput: 82.59 Mbit/s
95th percentile per-packet one-way delay: 113.706 ms
Loss rate: 2.16%

Run 10: Report of TCP BBR — Data Link

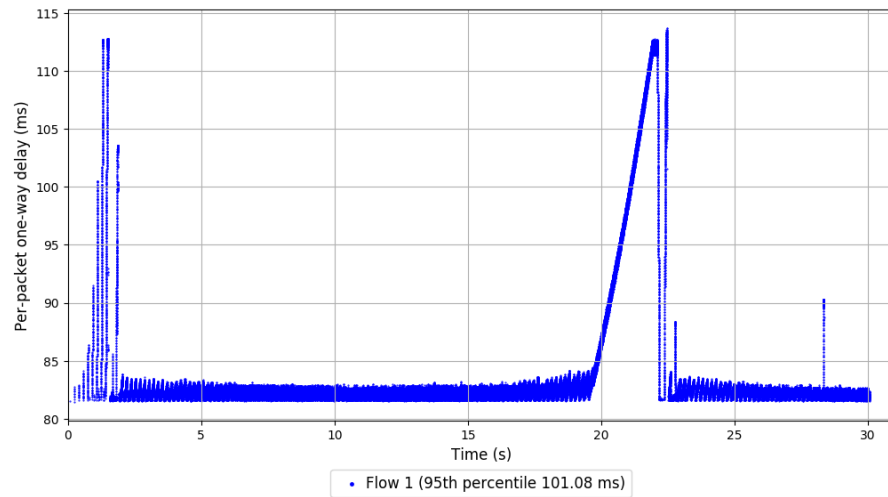
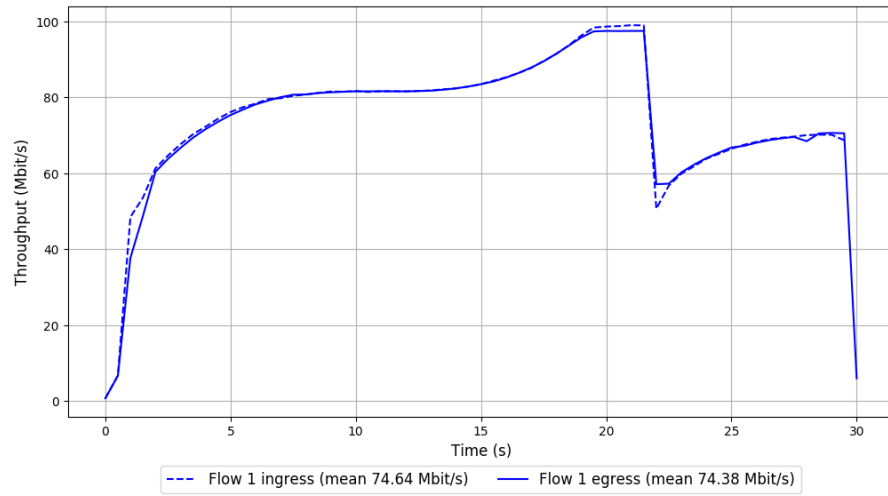


Run 1: Statistics of TCP Cubic

Start at: 2018-03-13 04:43:17
End at: 2018-03-13 04:43:47
Local clock offset: -4.928 ms
Remote clock offset: -4.776 ms

Below is generated by plot.py at 2018-03-13 08:37:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.38 Mbit/s
95th percentile per-packet one-way delay: 101.084 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 74.38 Mbit/s
95th percentile per-packet one-way delay: 101.084 ms
Loss rate: 0.34%

Run 1: Report of TCP Cubic — Data Link

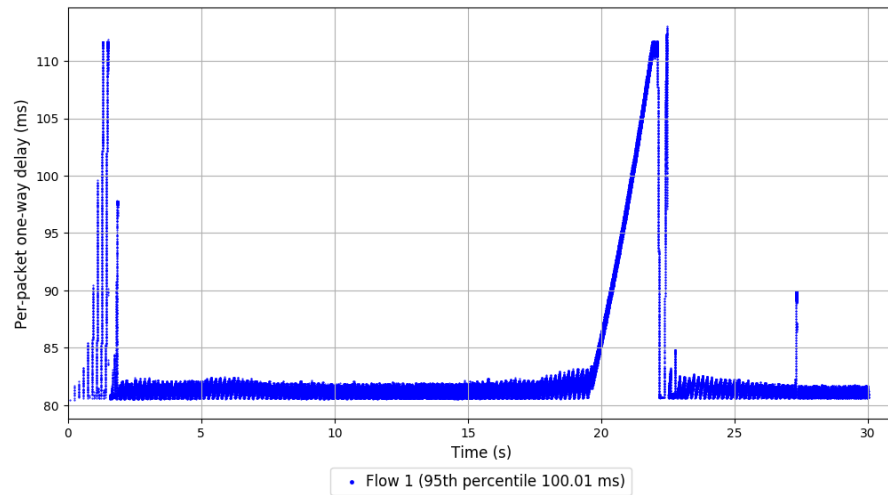
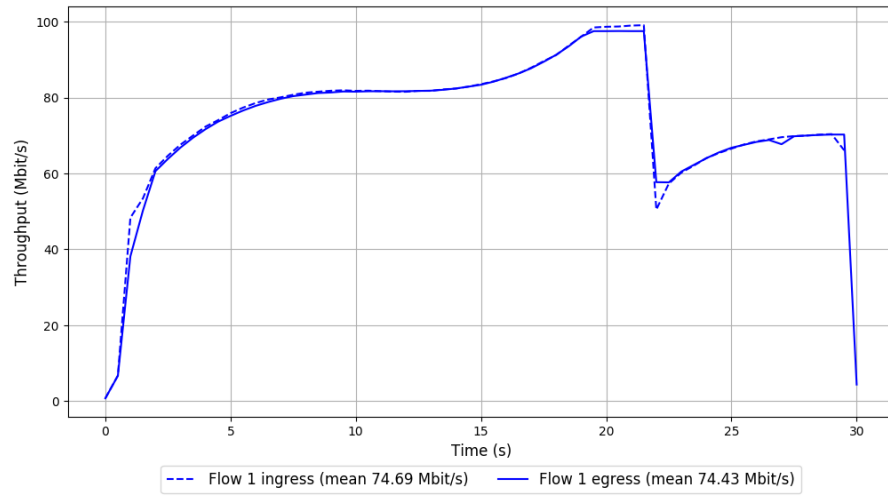


Run 2: Statistics of TCP Cubic

Start at: 2018-03-13 05:05:37
End at: 2018-03-13 05:06:07
Local clock offset: -3.924 ms
Remote clock offset: -5.798 ms

Below is generated by plot.py at 2018-03-13 08:37:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.43 Mbit/s
95th percentile per-packet one-way delay: 100.006 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 74.43 Mbit/s
95th percentile per-packet one-way delay: 100.006 ms
Loss rate: 0.34%

Run 2: Report of TCP Cubic — Data Link

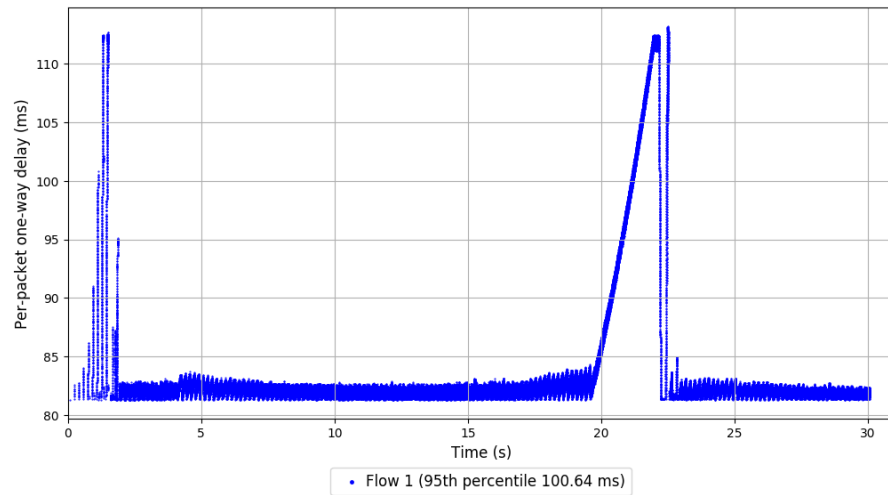
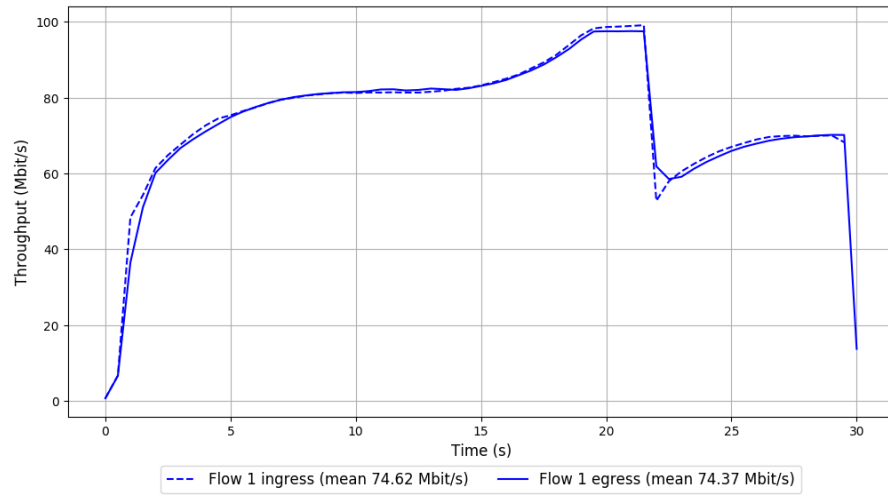


Run 3: Statistics of TCP Cubic

Start at: 2018-03-13 05:27:40
End at: 2018-03-13 05:28:10
Local clock offset: -2.625 ms
Remote clock offset: -6.178 ms

Below is generated by plot.py at 2018-03-13 08:37:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.37 Mbit/s
95th percentile per-packet one-way delay: 100.641 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 74.37 Mbit/s
95th percentile per-packet one-way delay: 100.641 ms
Loss rate: 0.33%

Run 3: Report of TCP Cubic — Data Link

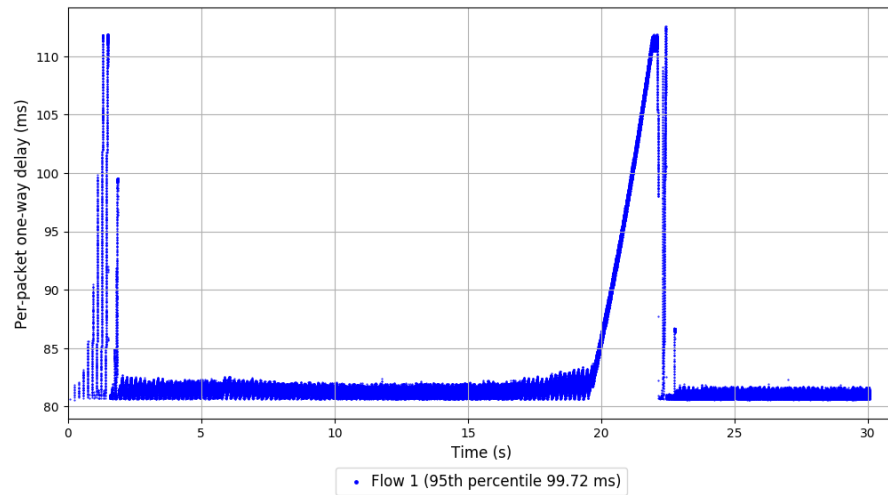
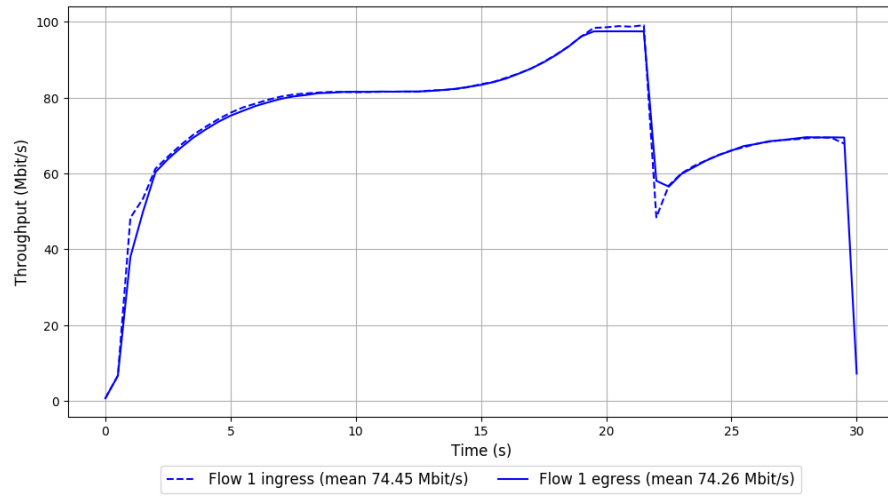


Run 4: Statistics of TCP Cubic

Start at: 2018-03-13 05:49:41
End at: 2018-03-13 05:50:11
Local clock offset: -6.012 ms
Remote clock offset: -6.368 ms

Below is generated by plot.py at 2018-03-13 08:37:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.26 Mbit/s
95th percentile per-packet one-way delay: 99.724 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 74.26 Mbit/s
95th percentile per-packet one-way delay: 99.724 ms
Loss rate: 0.25%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: 2018-03-13 06:11:43

End at: 2018-03-13 06:12:13

Local clock offset: -6.11 ms

Remote clock offset: 0.154 ms

Below is generated by plot.py at 2018-03-13 08:37:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 74.78 Mbit/s

95th percentile per-packet one-way delay: 106.905 ms

Loss rate: 0.37%

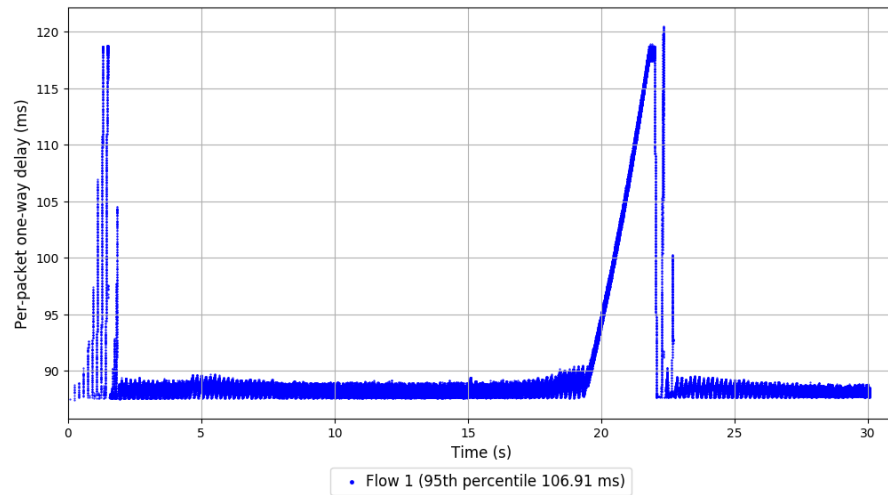
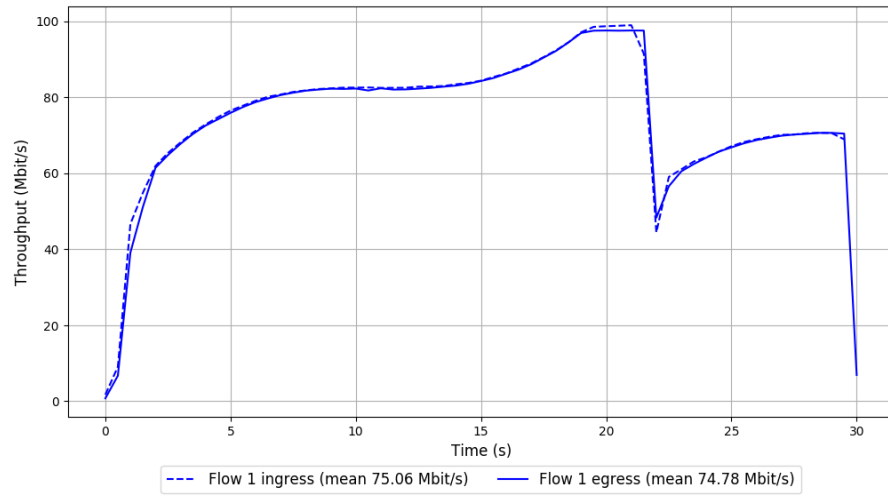
-- Flow 1:

Average throughput: 74.78 Mbit/s

95th percentile per-packet one-way delay: 106.905 ms

Loss rate: 0.37%

Run 5: Report of TCP Cubic — Data Link

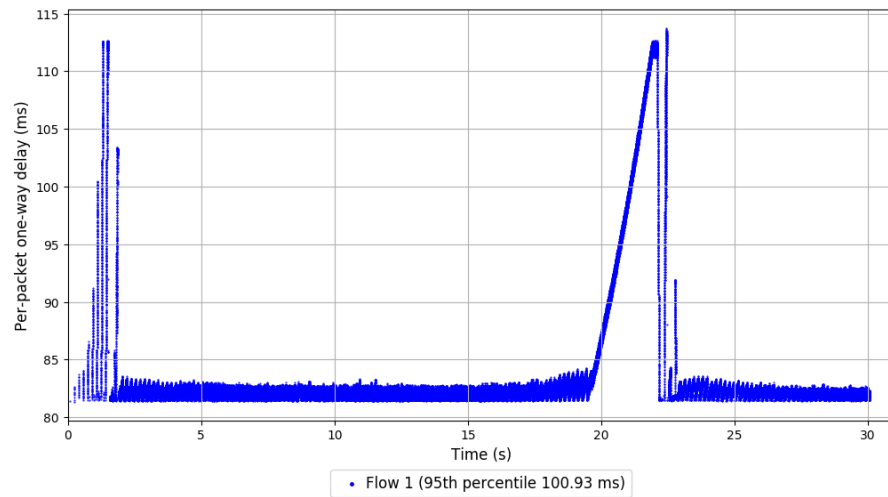
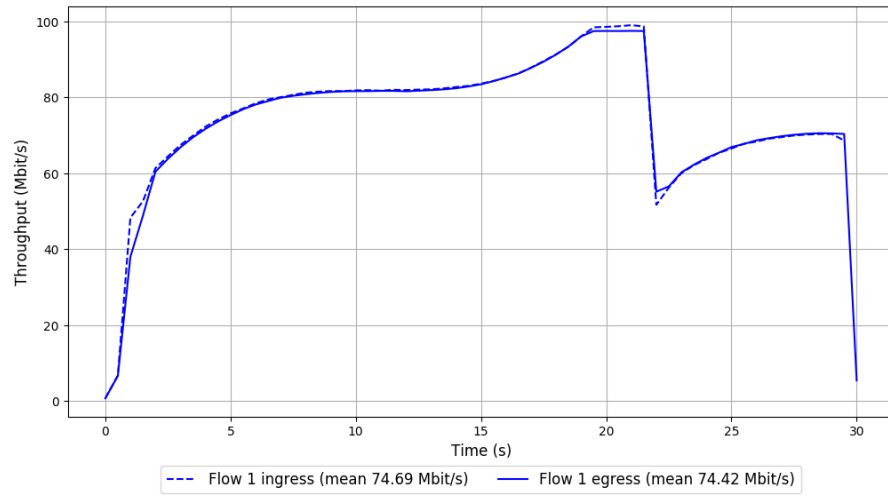


Run 6: Statistics of TCP Cubic

Start at: 2018-03-13 06:33:46
End at: 2018-03-13 06:34:16
Local clock offset: -4.01 ms
Remote clock offset: -5.572 ms

Below is generated by plot.py at 2018-03-13 08:37:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.42 Mbit/s
95th percentile per-packet one-way delay: 100.928 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 74.42 Mbit/s
95th percentile per-packet one-way delay: 100.928 ms
Loss rate: 0.36%

Run 6: Report of TCP Cubic — Data Link

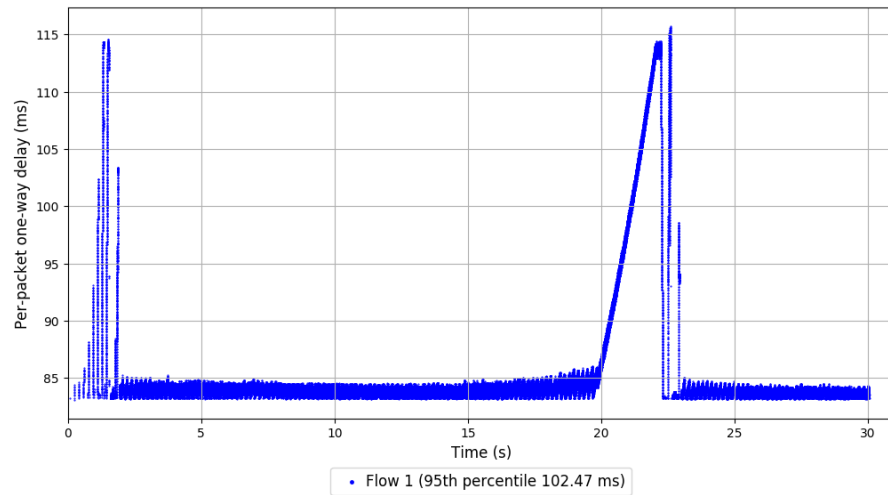
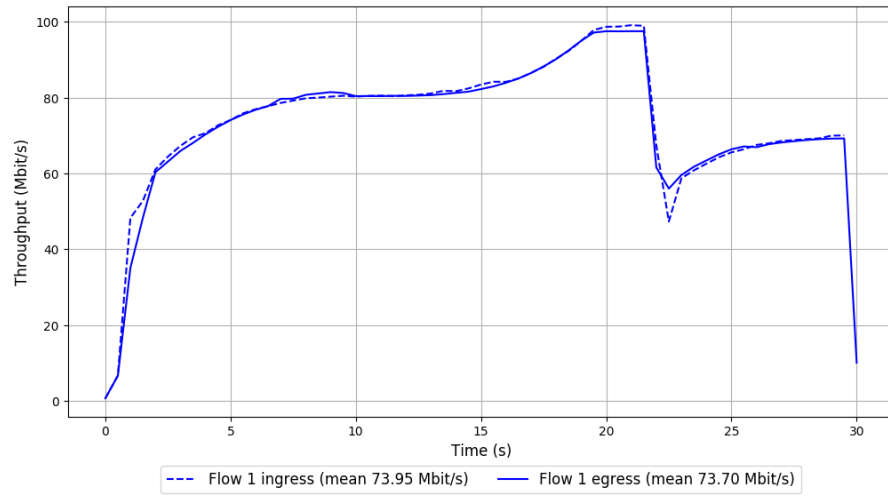


Run 7: Statistics of TCP Cubic

Start at: 2018-03-13 06:55:47
End at: 2018-03-13 06:56:17
Local clock offset: -5.707 ms
Remote clock offset: -5.754 ms

Below is generated by plot.py at 2018-03-13 08:38:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 73.70 Mbit/s
95th percentile per-packet one-way delay: 102.473 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 73.70 Mbit/s
95th percentile per-packet one-way delay: 102.473 ms
Loss rate: 0.34%

Run 7: Report of TCP Cubic — Data Link

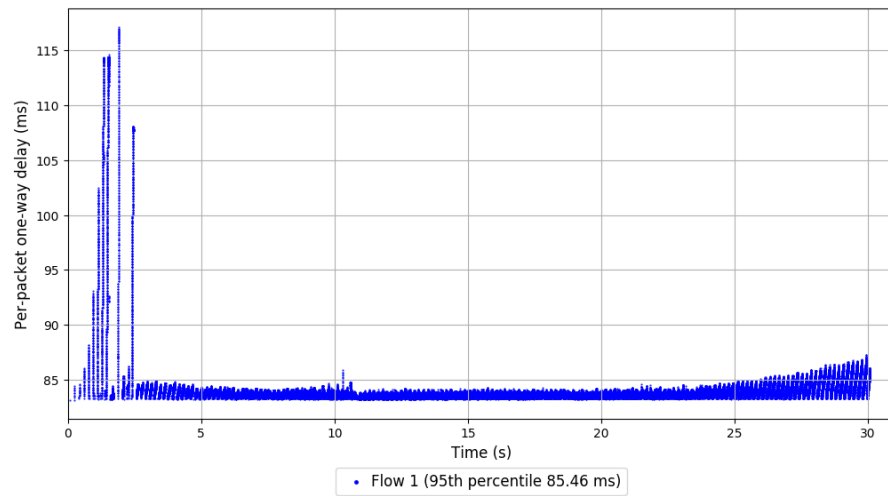
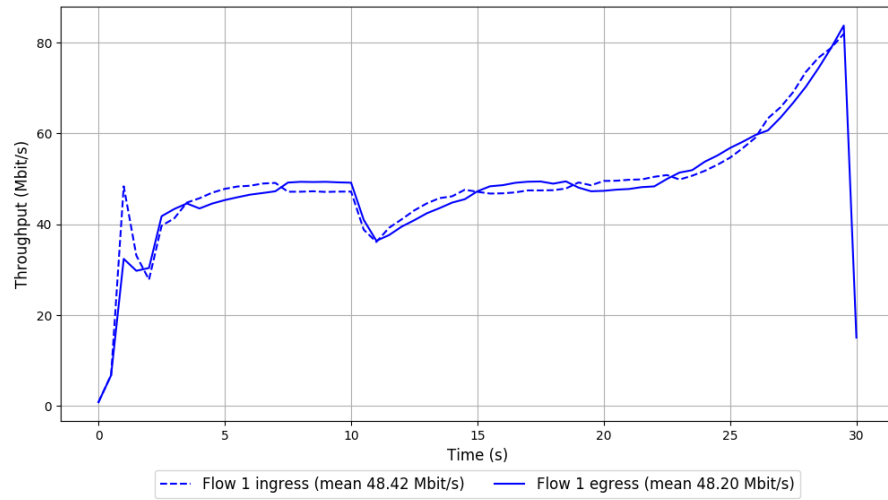


Run 8: Statistics of TCP Cubic

Start at: 2018-03-13 07:18:05
End at: 2018-03-13 07:18:35
Local clock offset: -6.361 ms
Remote clock offset: -5.632 ms

Below is generated by plot.py at 2018-03-13 08:38:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 48.20 Mbit/s
95th percentile per-packet one-way delay: 85.459 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 48.20 Mbit/s
95th percentile per-packet one-way delay: 85.459 ms
Loss rate: 0.43%

Run 8: Report of TCP Cubic — Data Link



Run 9: Statistics of TCP Cubic

Start at: 2018-03-13 07:40:22

End at: 2018-03-13 07:40:52

Local clock offset: -5.35 ms

Remote clock offset: -6.71 ms

Below is generated by plot.py at 2018-03-13 08:38:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 58.12 Mbit/s

95th percentile per-packet one-way delay: 100.055 ms

Loss rate: 0.55%

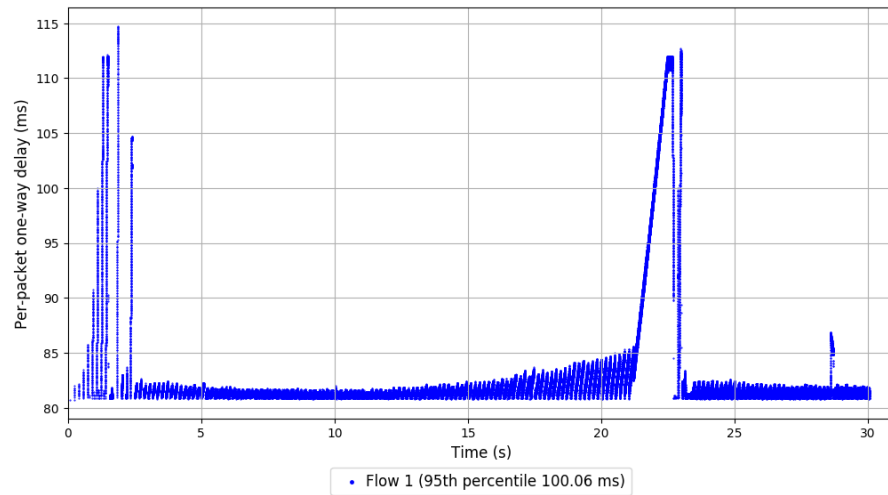
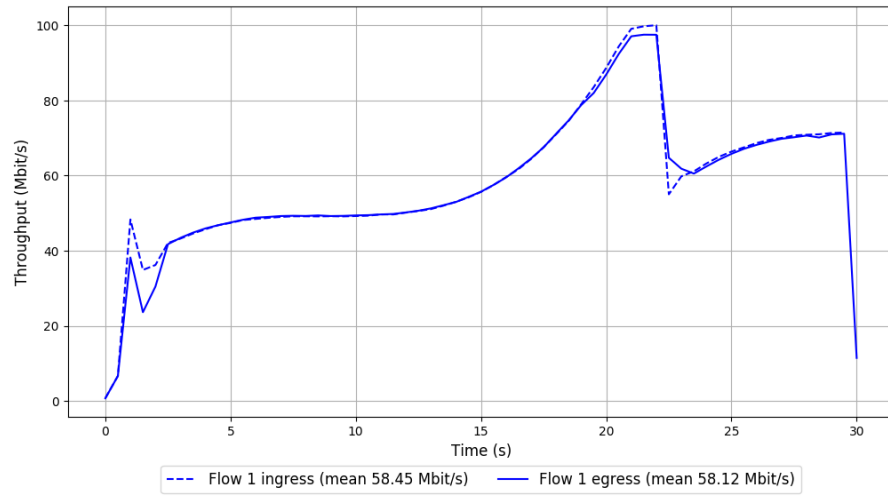
-- Flow 1:

Average throughput: 58.12 Mbit/s

95th percentile per-packet one-way delay: 100.055 ms

Loss rate: 0.55%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2018-03-13 08:02:28

End at: 2018-03-13 08:02:58

Local clock offset: -6.631 ms

Remote clock offset: -0.143 ms

Below is generated by plot.py at 2018-03-13 08:38:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.82 Mbit/s

95th percentile per-packet one-way delay: 108.475 ms

Loss rate: 0.35%

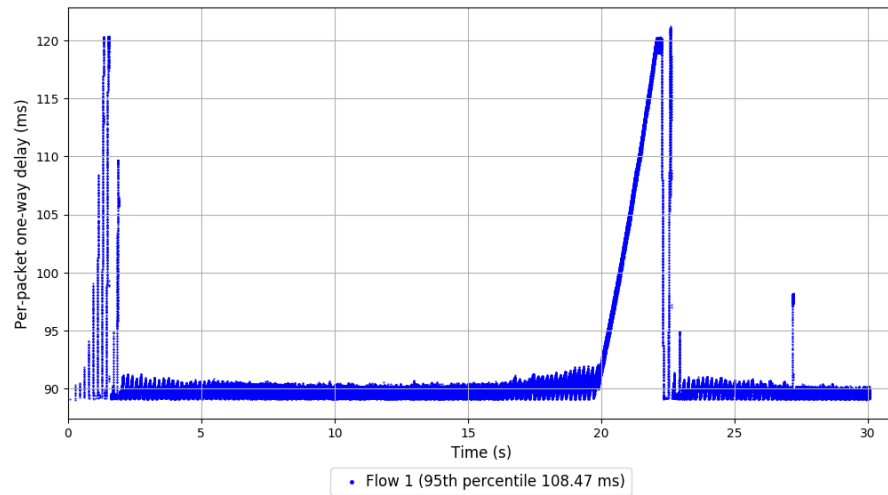
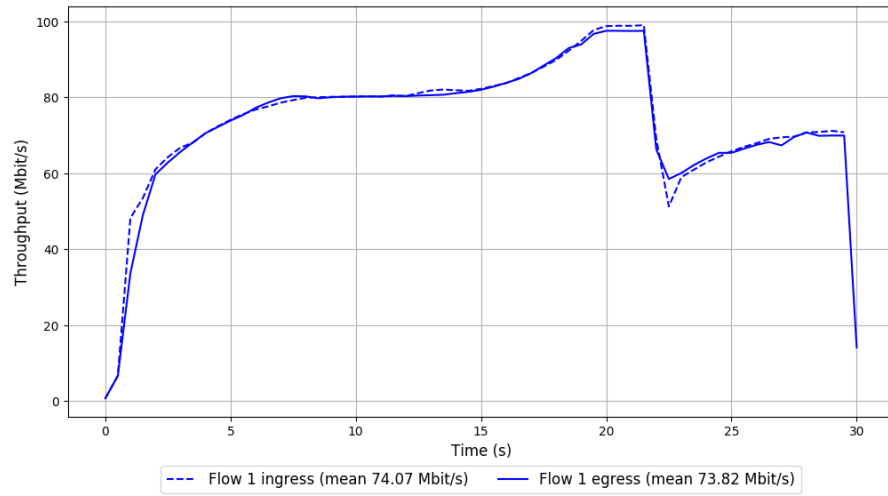
-- Flow 1:

Average throughput: 73.82 Mbit/s

95th percentile per-packet one-way delay: 108.475 ms

Loss rate: 0.35%

Run 10: Report of TCP Cubic — Data Link

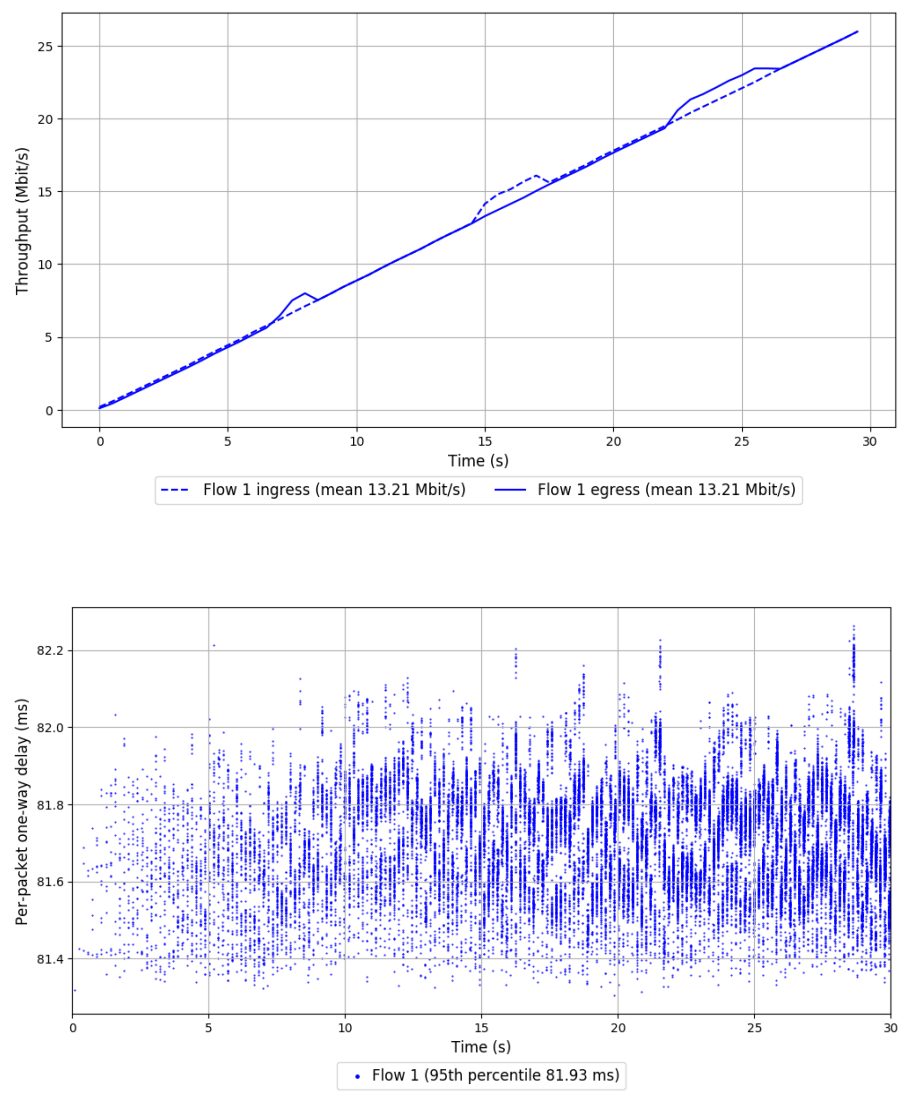


```
Run 1: Statistics of LEDBAT

Start at: 2018-03-13 04:48:17
End at: 2018-03-13 04:48:47
Local clock offset: -4.889 ms
Remote clock offset: -4.803 ms

# Below is generated by plot.py at 2018-03-13 08:38:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.21 Mbit/s
95th percentile per-packet one-way delay: 81.933 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 13.21 Mbit/s
95th percentile per-packet one-way delay: 81.933 ms
Loss rate: 0.00%
```

Run 1: Report of LEDBAT — Data Link

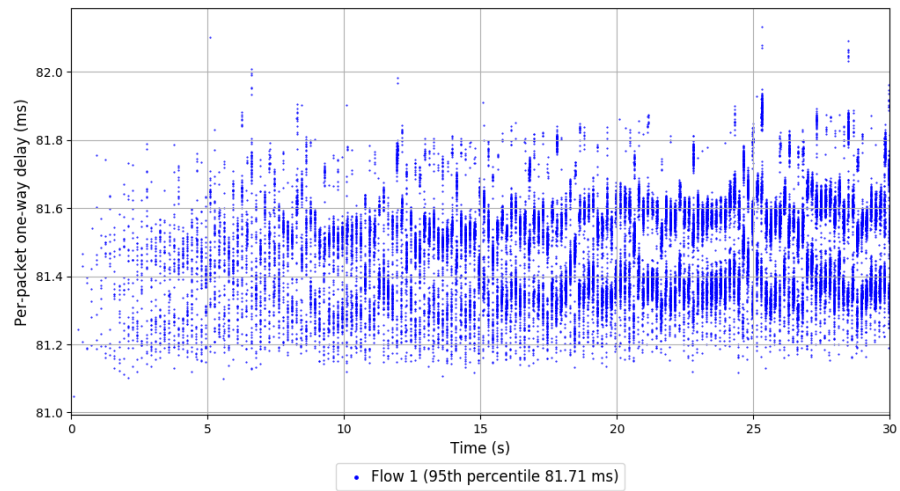
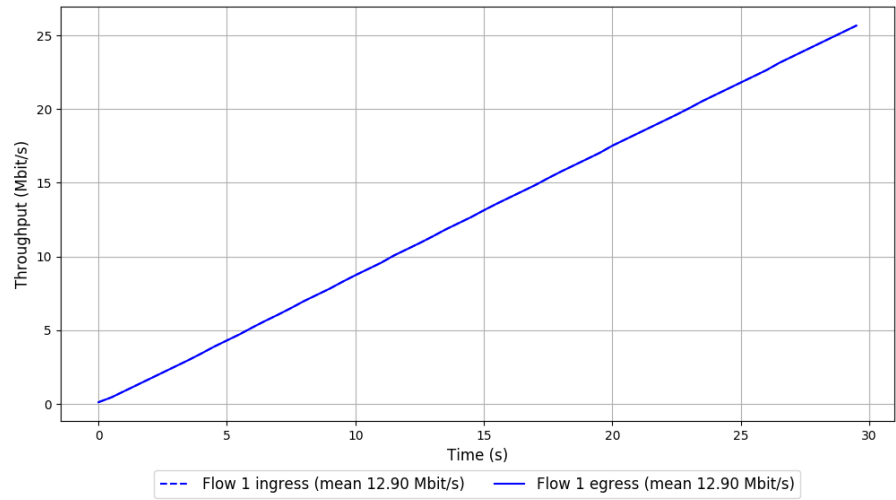


Run 2: Statistics of LEDBAT

Start at: 2018-03-13 05:10:38
End at: 2018-03-13 05:11:08
Local clock offset: -3.416 ms
Remote clock offset: -5.842 ms

Below is generated by plot.py at 2018-03-13 08:38:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.90 Mbit/s
95th percentile per-packet one-way delay: 81.708 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.90 Mbit/s
95th percentile per-packet one-way delay: 81.708 ms
Loss rate: 0.00%

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: 2018-03-13 05:32:40

End at: 2018-03-13 05:33:10

Local clock offset: -2.553 ms

Remote clock offset: -5.42 ms

Below is generated by plot.py at 2018-03-13 08:38:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.90 Mbit/s

95th percentile per-packet one-way delay: 84.244 ms

Loss rate: 0.00%

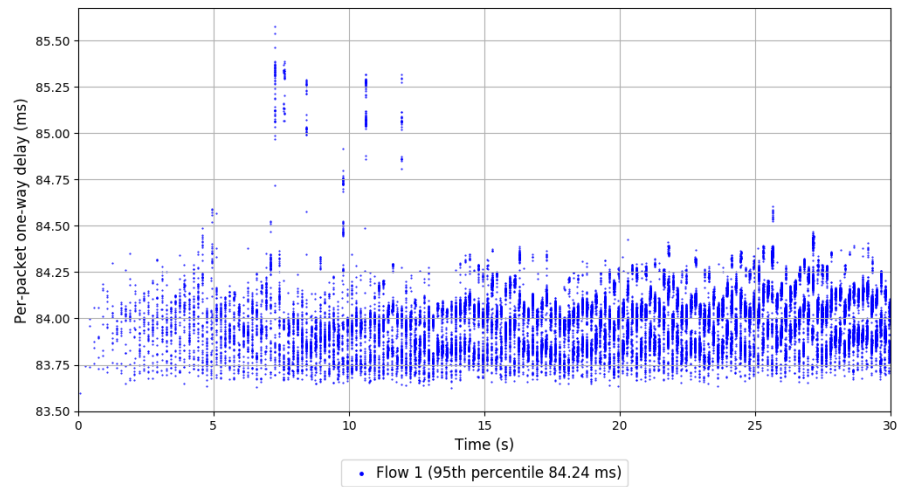
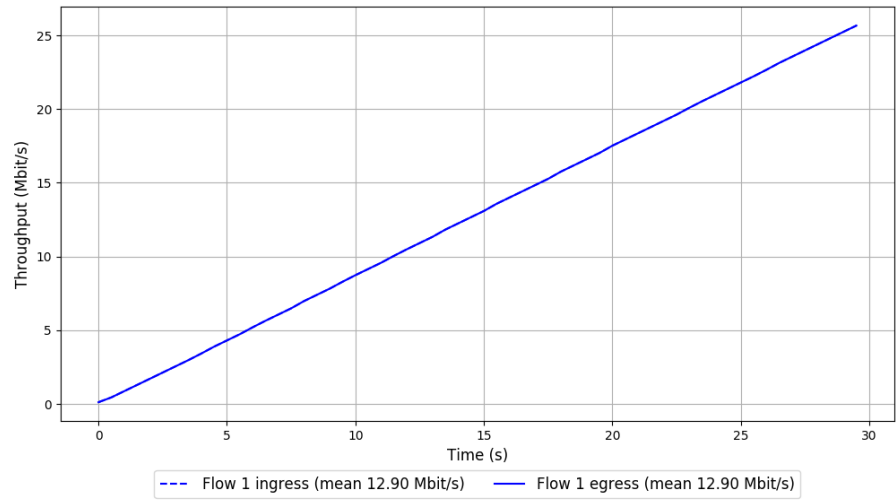
-- Flow 1:

Average throughput: 12.90 Mbit/s

95th percentile per-packet one-way delay: 84.244 ms

Loss rate: 0.00%

Run 3: Report of LEDBAT — Data Link

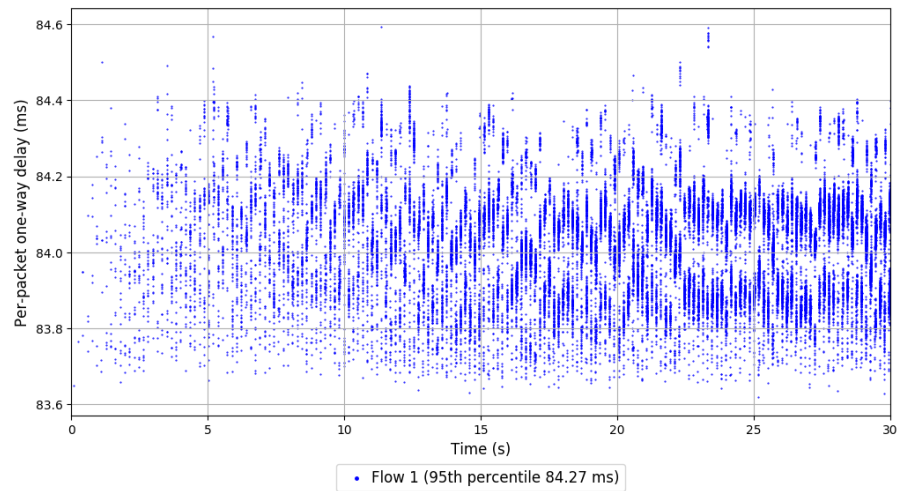
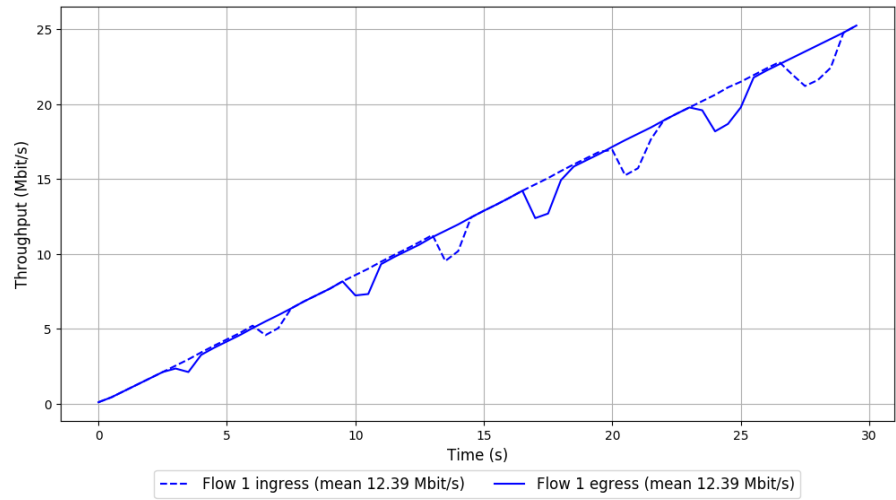


Run 4: Statistics of LEDBAT

Start at: 2018-03-13 05:54:41
End at: 2018-03-13 05:55:11
Local clock offset: -6.489 ms
Remote clock offset: -5.451 ms

Below is generated by plot.py at 2018-03-13 08:38:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.39 Mbit/s
95th percentile per-packet one-way delay: 84.265 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.39 Mbit/s
95th percentile per-packet one-way delay: 84.265 ms
Loss rate: 0.00%

Run 4: Report of LEDBAT — Data Link

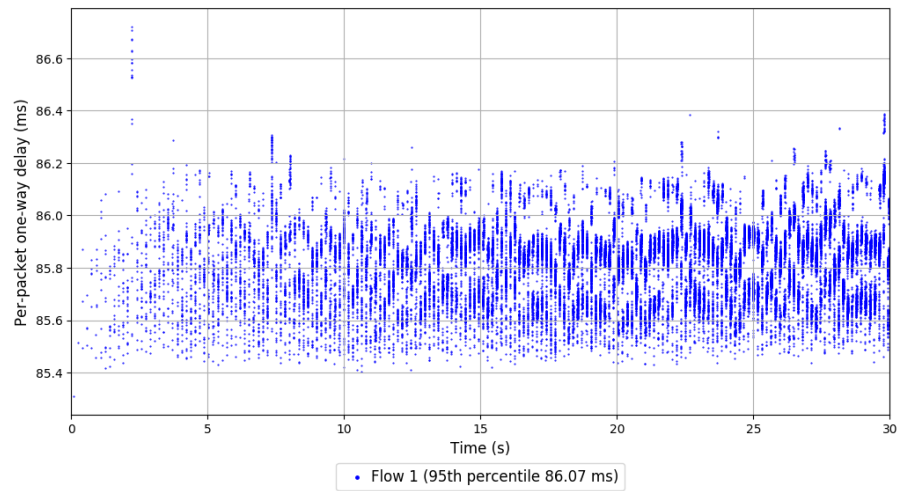
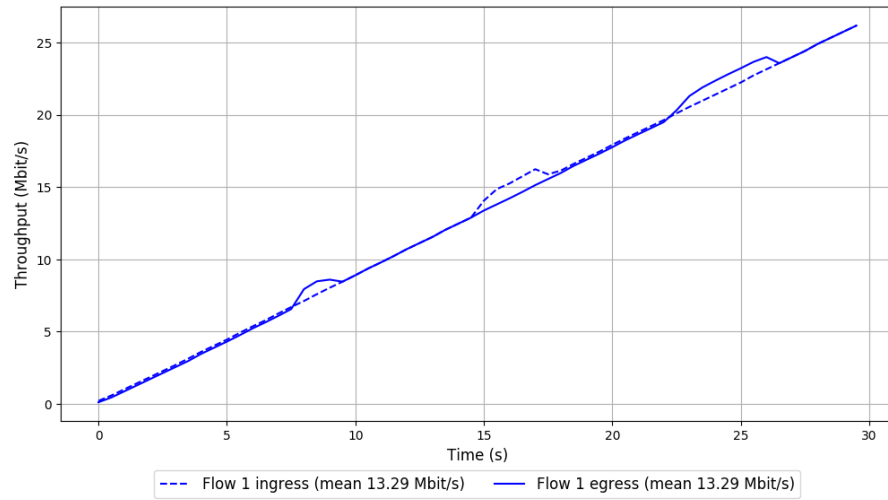


Run 5: Statistics of LEDBAT

Start at: 2018-03-13 06:16:43
End at: 2018-03-13 06:17:13
Local clock offset: -5.112 ms
Remote clock offset: -1.648 ms

Below is generated by plot.py at 2018-03-13 08:38:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 13.29 Mbit/s
95th percentile per-packet one-way delay: 86.074 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 13.29 Mbit/s
95th percentile per-packet one-way delay: 86.074 ms
Loss rate: 0.00%

Run 5: Report of LEDBAT — Data Link

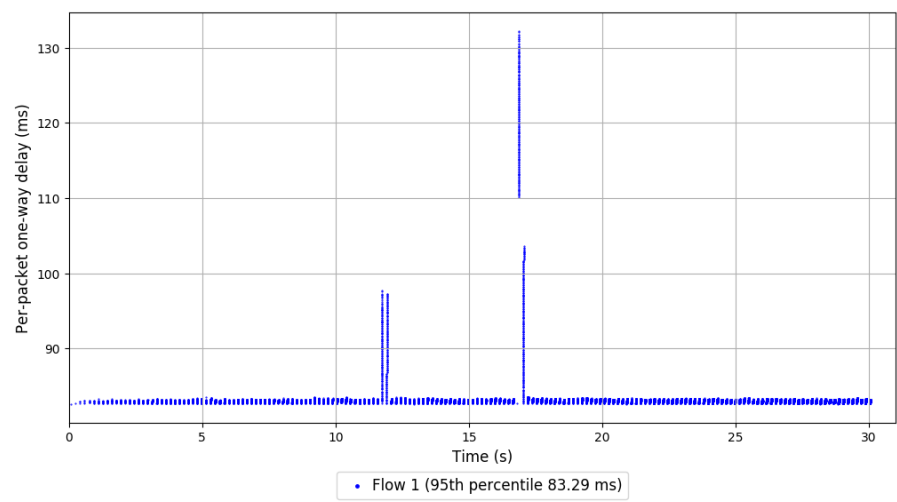
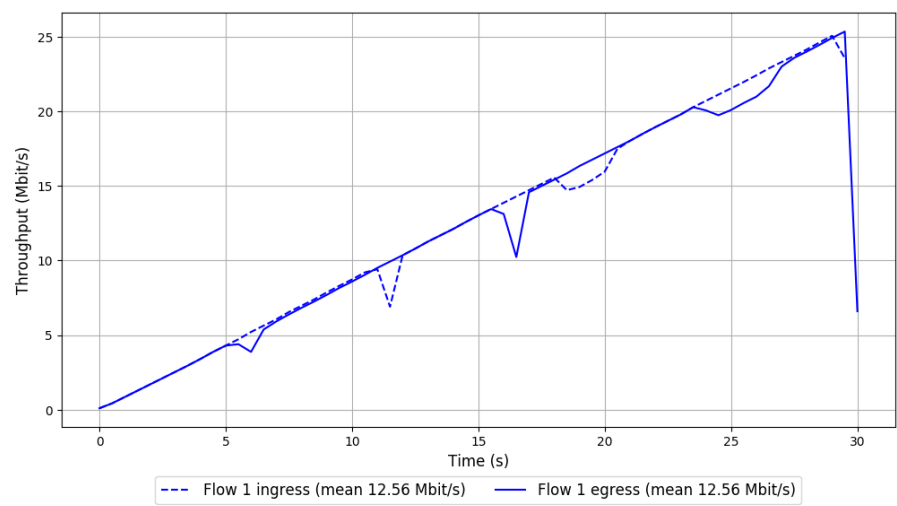


Run 6: Statistics of LEDBAT

Start at: 2018-03-13 06:38:45
End at: 2018-03-13 06:39:15
Local clock offset: -3.934 ms
Remote clock offset: -6.513 ms

Below is generated by plot.py at 2018-03-13 08:38:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.56 Mbit/s
95th percentile per-packet one-way delay: 83.293 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.56 Mbit/s
95th percentile per-packet one-way delay: 83.293 ms
Loss rate: 0.00%

Run 6: Report of LEDBAT — Data Link

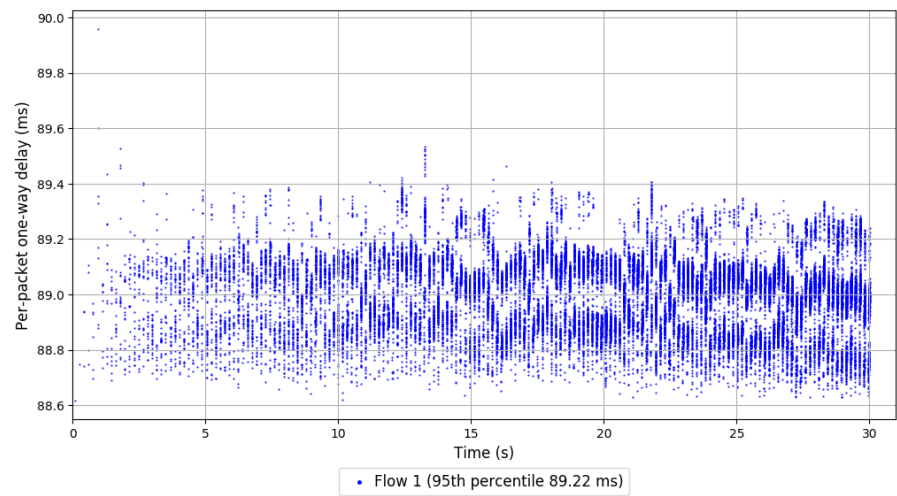
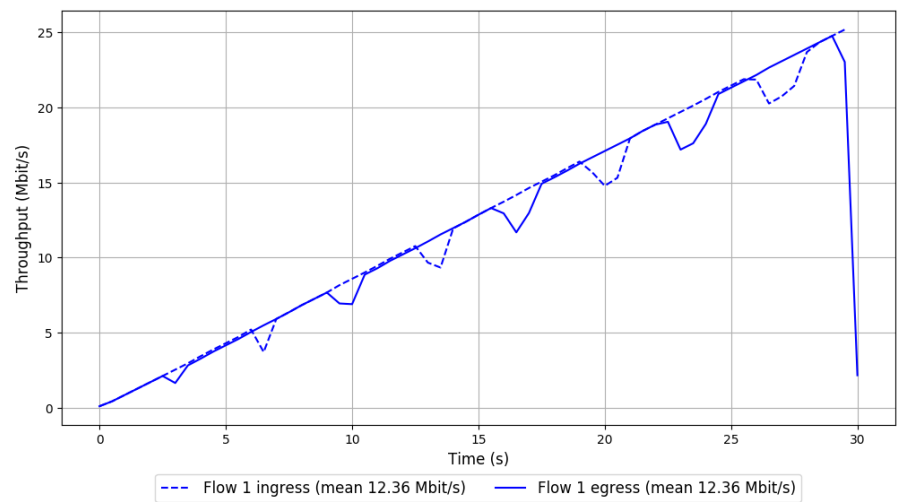


Run 7: Statistics of LEDBAT

Start at: 2018-03-13 07:00:48
End at: 2018-03-13 07:01:18
Local clock offset: -5.99 ms
Remote clock offset: -0.545 ms

Below is generated by plot.py at 2018-03-13 08:38:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.36 Mbit/s
95th percentile per-packet one-way delay: 89.216 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.36 Mbit/s
95th percentile per-packet one-way delay: 89.216 ms
Loss rate: 0.00%

Run 7: Report of LEDBAT — Data Link

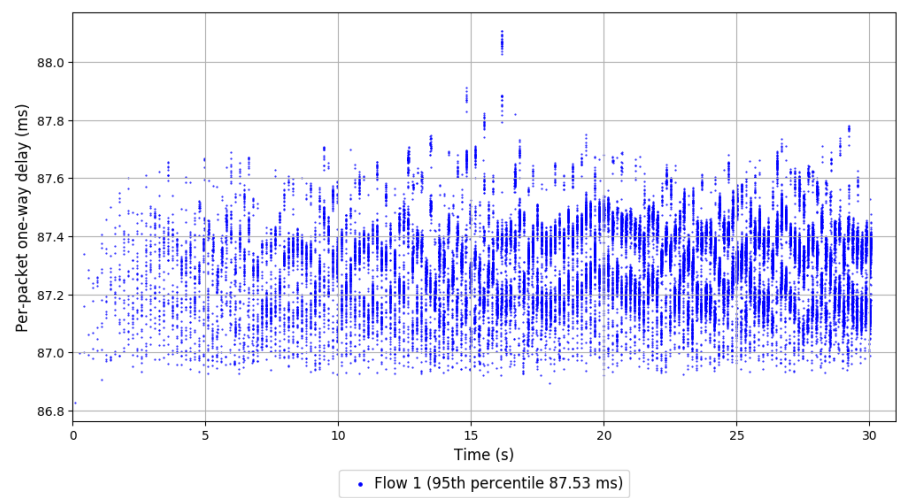
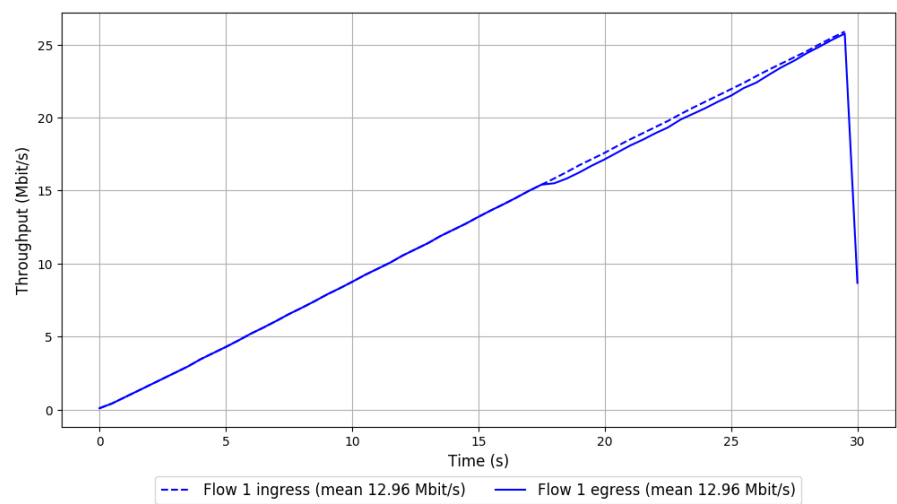


Run 8: Statistics of LEDBAT

Start at: 2018-03-13 07:23:04
End at: 2018-03-13 07:23:34
Local clock offset: -5.863 ms
Remote clock offset: -0.631 ms

Below is generated by plot.py at 2018-03-13 08:38:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.96 Mbit/s
95th percentile per-packet one-way delay: 87.527 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.96 Mbit/s
95th percentile per-packet one-way delay: 87.527 ms
Loss rate: 0.00%

Run 8: Report of LEDBAT — Data Link

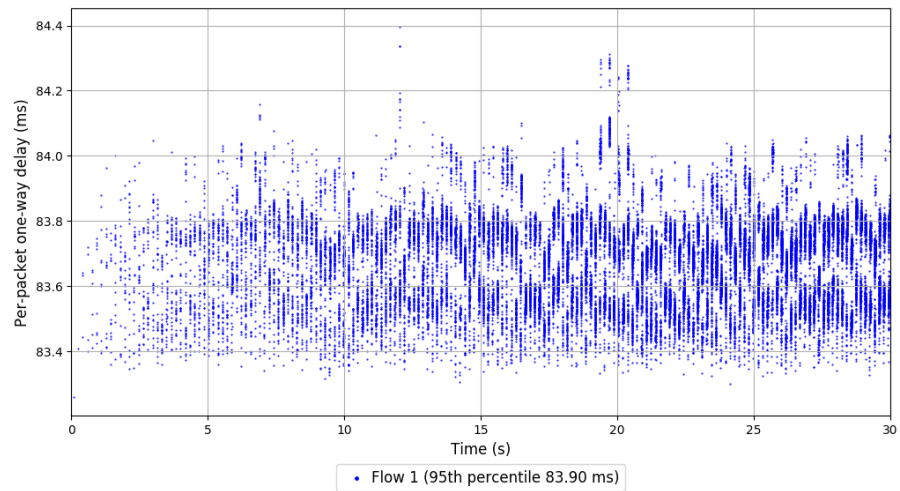
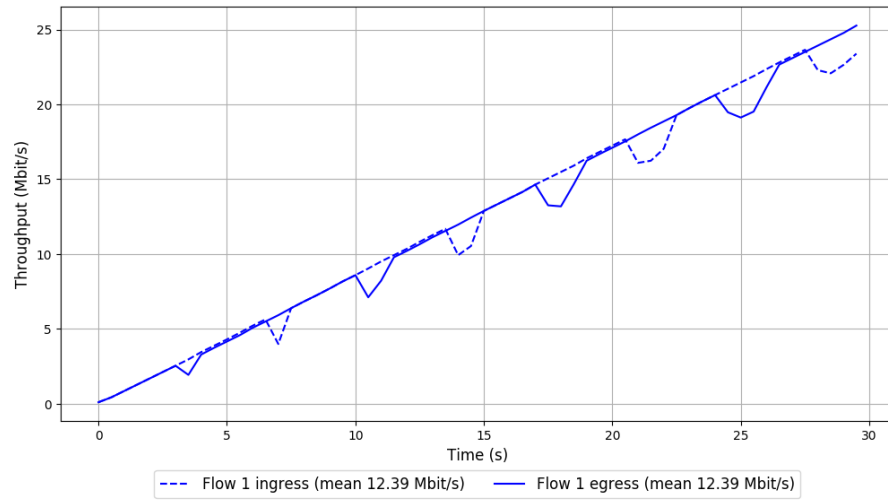


Run 9: Statistics of LEDBAT

Start at: 2018-03-13 07:45:21
End at: 2018-03-13 07:45:51
Local clock offset: -5.409 ms
Remote clock offset: -5.996 ms

Below is generated by plot.py at 2018-03-13 08:38:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.39 Mbit/s
95th percentile per-packet one-way delay: 83.896 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.39 Mbit/s
95th percentile per-packet one-way delay: 83.896 ms
Loss rate: 0.00%

Run 9: Report of LEDBAT — Data Link

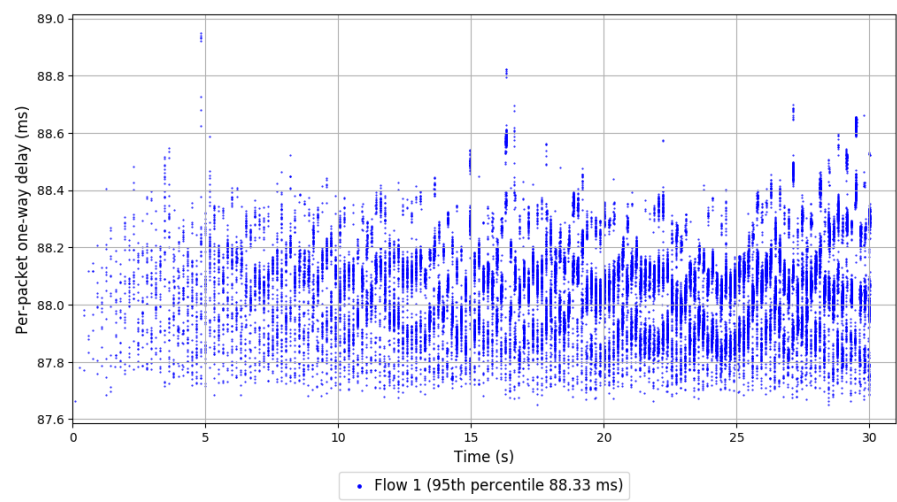
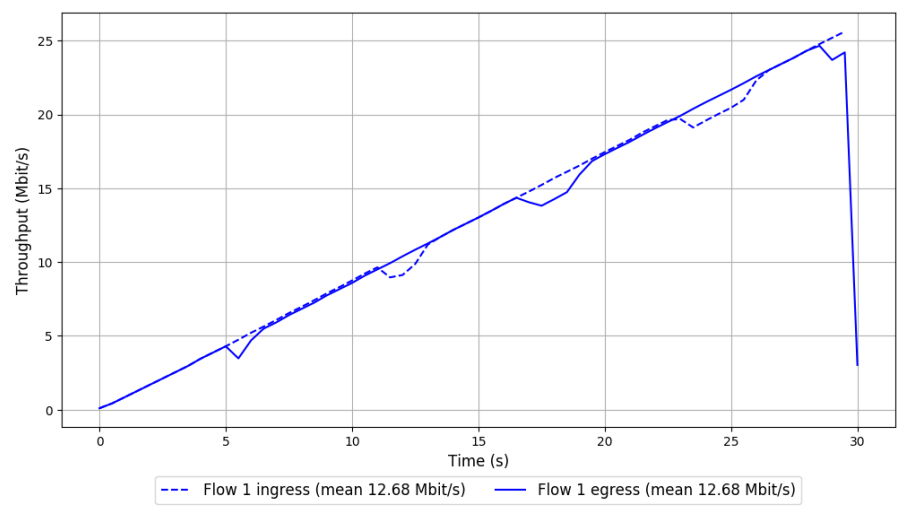


Run 10: Statistics of LEDBAT

Start at: 2018-03-13 08:07:27
End at: 2018-03-13 08:07:57
Local clock offset: -6.929 ms
Remote clock offset: -0.022 ms

Below is generated by plot.py at 2018-03-13 08:38:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.68 Mbit/s
95th percentile per-packet one-way delay: 88.331 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.68 Mbit/s
95th percentile per-packet one-way delay: 88.331 ms
Loss rate: 0.00%

Run 10: Report of LEDBAT — Data Link

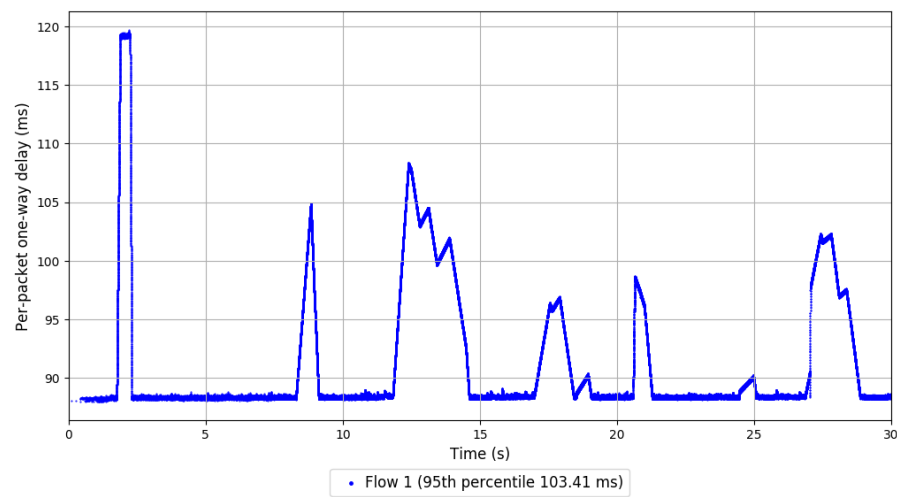
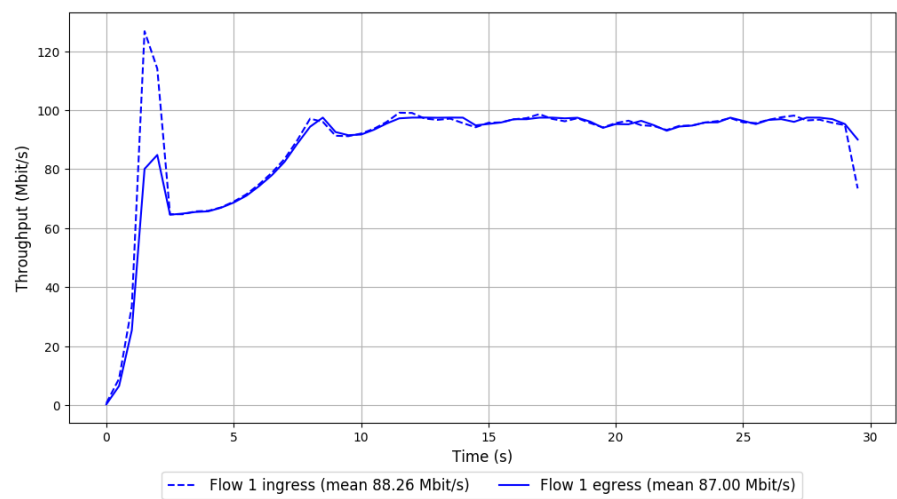


```
Run 1: Statistics of PCC

Start at: 2018-03-13 04:33:41
End at: 2018-03-13 04:34:11
Local clock offset: -4.971 ms
Remote clock offset: 0.107 ms

# Below is generated by plot.py at 2018-03-13 08:39:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.00 Mbit/s
95th percentile per-packet one-way delay: 103.410 ms
Loss rate: 1.43%
-- Flow 1:
Average throughput: 87.00 Mbit/s
95th percentile per-packet one-way delay: 103.410 ms
Loss rate: 1.43%
```

Run 1: Report of PCC — Data Link

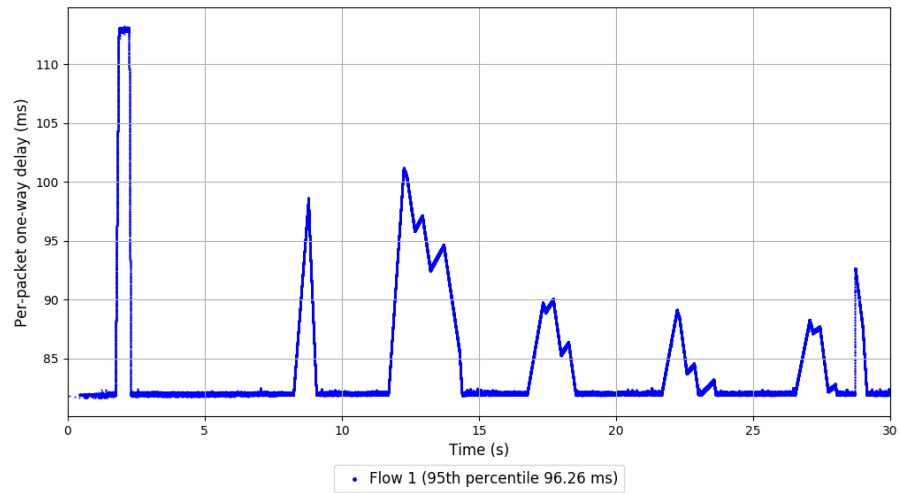
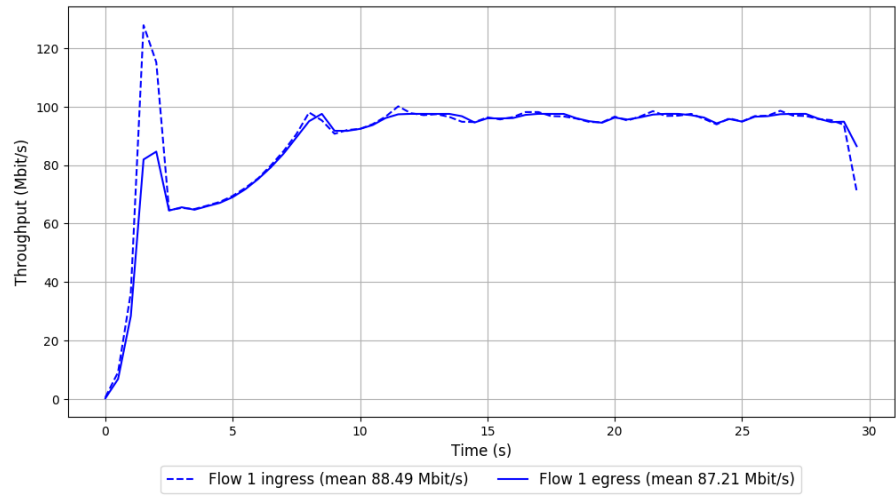


Run 2: Statistics of PCC

Start at: 2018-03-13 04:56:00
End at: 2018-03-13 04:56:30
Local clock offset: -4.917 ms
Remote clock offset: -4.874 ms

Below is generated by plot.py at 2018-03-13 08:39:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.21 Mbit/s
95th percentile per-packet one-way delay: 96.263 ms
Loss rate: 1.44%
-- Flow 1:
Average throughput: 87.21 Mbit/s
95th percentile per-packet one-way delay: 96.263 ms
Loss rate: 1.44%

Run 2: Report of PCC — Data Link

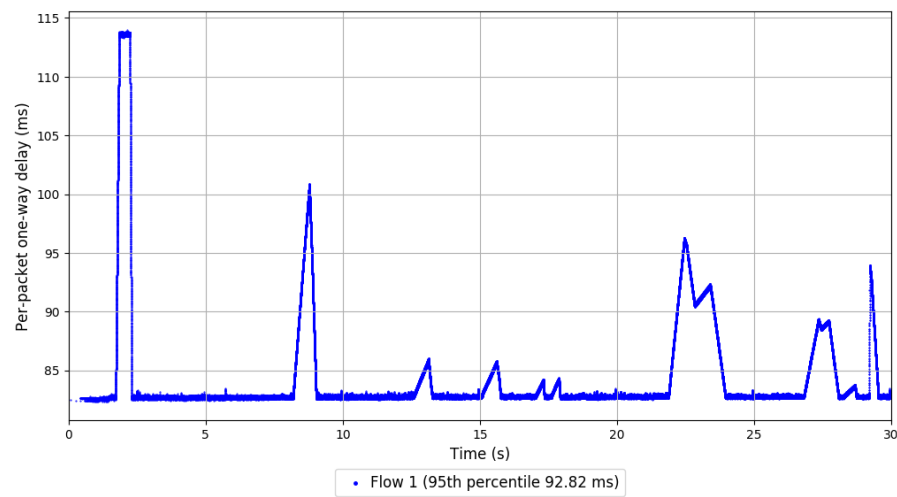
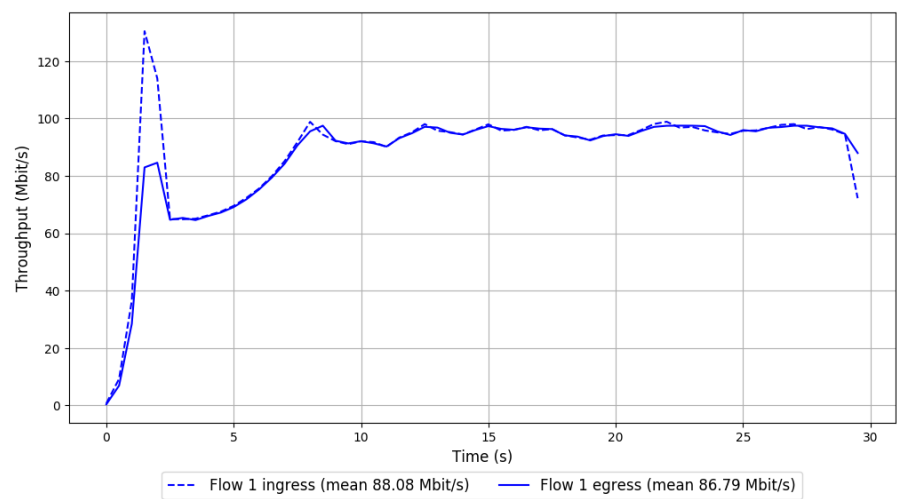


Run 3: Statistics of PCC

Start at: 2018-03-13 05:18:03
End at: 2018-03-13 05:18:33
Local clock offset: -2.981 ms
Remote clock offset: -6.015 ms

Below is generated by plot.py at 2018-03-13 08:39:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.79 Mbit/s
95th percentile per-packet one-way delay: 92.819 ms
Loss rate: 1.46%
-- Flow 1:
Average throughput: 86.79 Mbit/s
95th percentile per-packet one-way delay: 92.819 ms
Loss rate: 1.46%

Run 3: Report of PCC — Data Link



Run 4: Statistics of PCC

Start at: 2018-03-13 05:40:03

End at: 2018-03-13 05:40:34

Local clock offset: -4.479 ms

Remote clock offset: -5.54 ms

Below is generated by plot.py at 2018-03-13 08:39:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.38 Mbit/s

95th percentile per-packet one-way delay: 88.962 ms

Loss rate: 1.41%

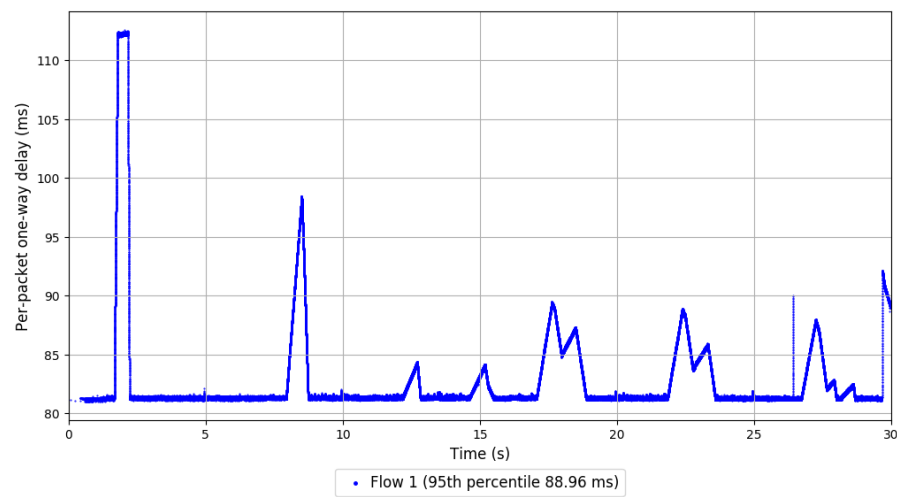
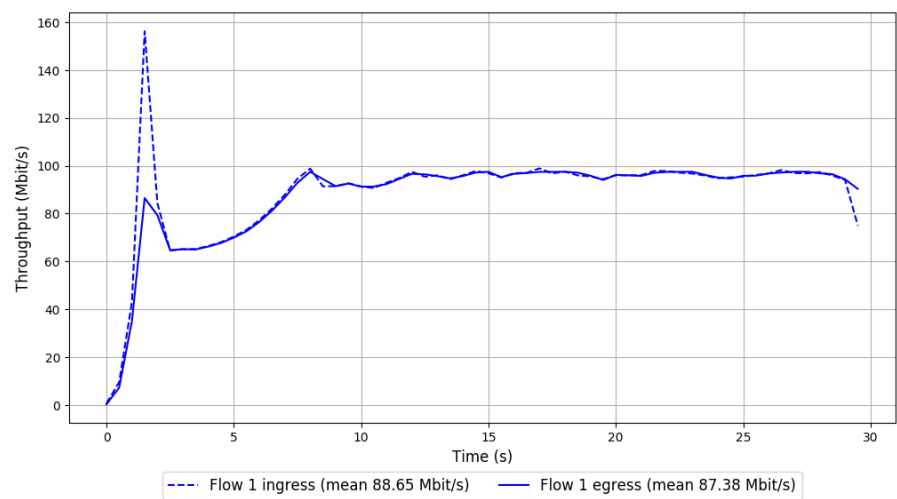
-- Flow 1:

Average throughput: 87.38 Mbit/s

95th percentile per-packet one-way delay: 88.962 ms

Loss rate: 1.41%

Run 4: Report of PCC — Data Link

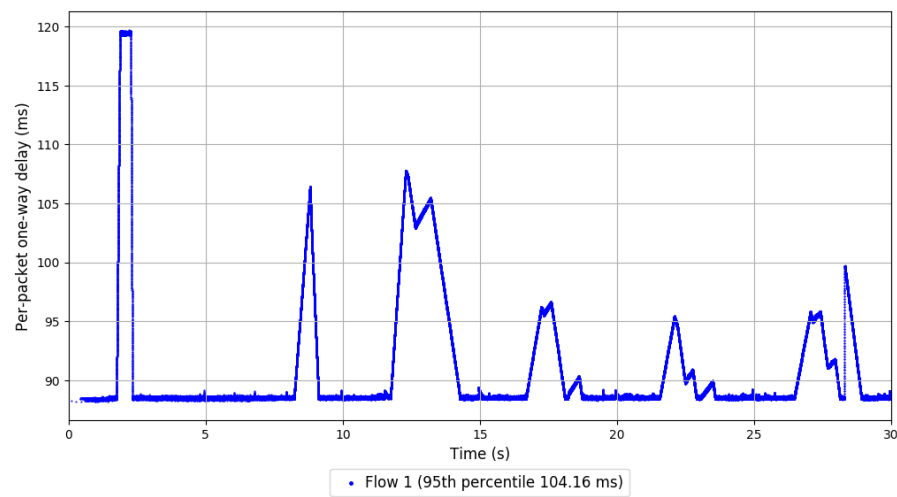
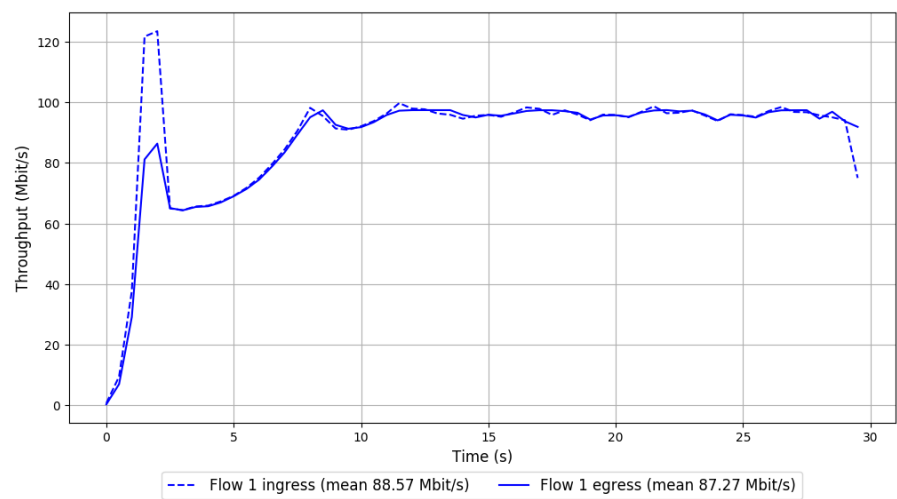


Run 5: Statistics of PCC

Start at: 2018-03-13 06:02:07
End at: 2018-03-13 06:02:37
Local clock offset: -7.0 ms
Remote clock offset: -0.727 ms

Below is generated by plot.py at 2018-03-13 08:39:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.27 Mbit/s
95th percentile per-packet one-way delay: 104.161 ms
Loss rate: 1.47%
-- Flow 1:
Average throughput: 87.27 Mbit/s
95th percentile per-packet one-way delay: 104.161 ms
Loss rate: 1.47%

Run 5: Report of PCC — Data Link

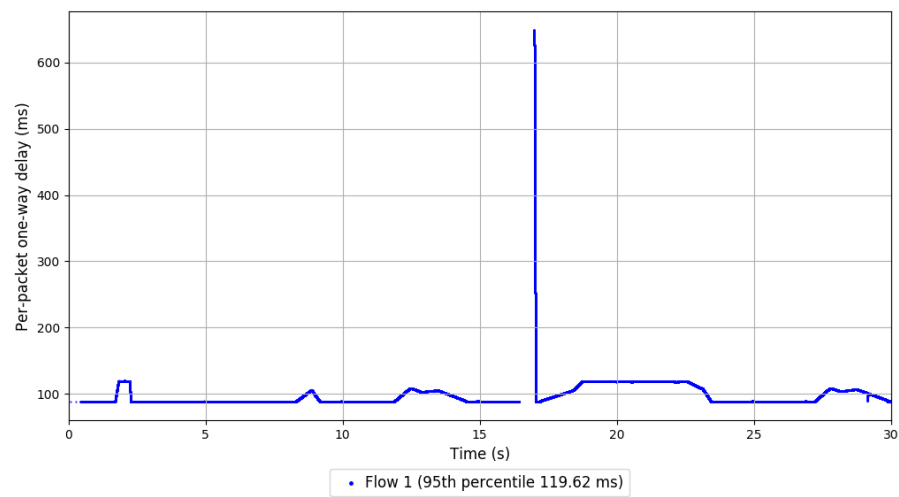
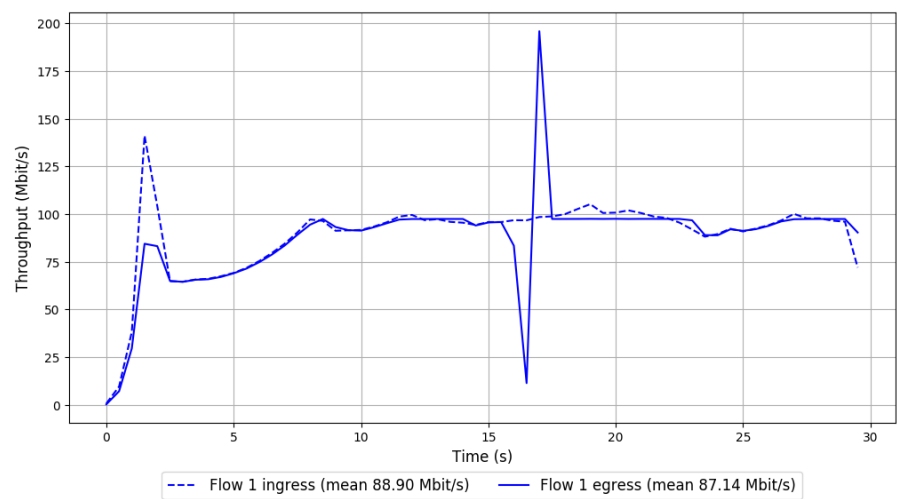


Run 6: Statistics of PCC

Start at: 2018-03-13 06:24:09
End at: 2018-03-13 06:24:39
Local clock offset: -4.385 ms
Remote clock offset: -0.772 ms

Below is generated by plot.py at 2018-03-13 08:39:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.14 Mbit/s
95th percentile per-packet one-way delay: 119.619 ms
Loss rate: 1.99%
-- Flow 1:
Average throughput: 87.14 Mbit/s
95th percentile per-packet one-way delay: 119.619 ms
Loss rate: 1.99%

Run 6: Report of PCC — Data Link

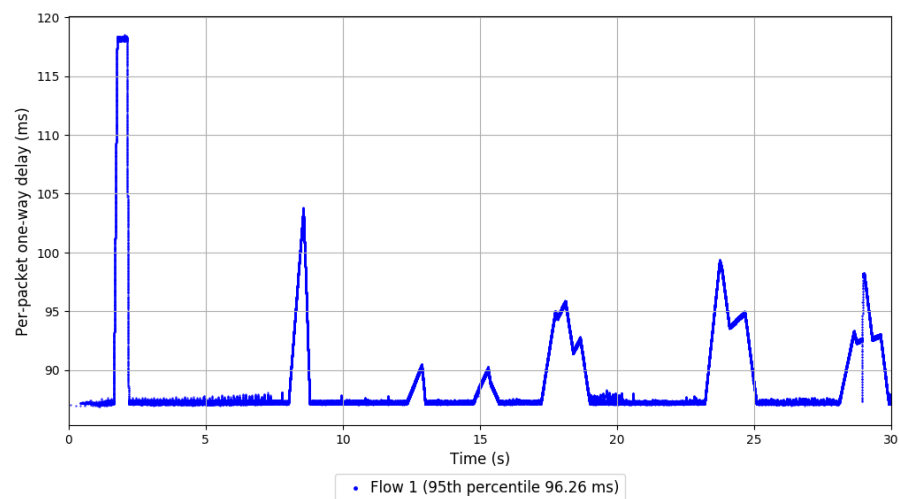
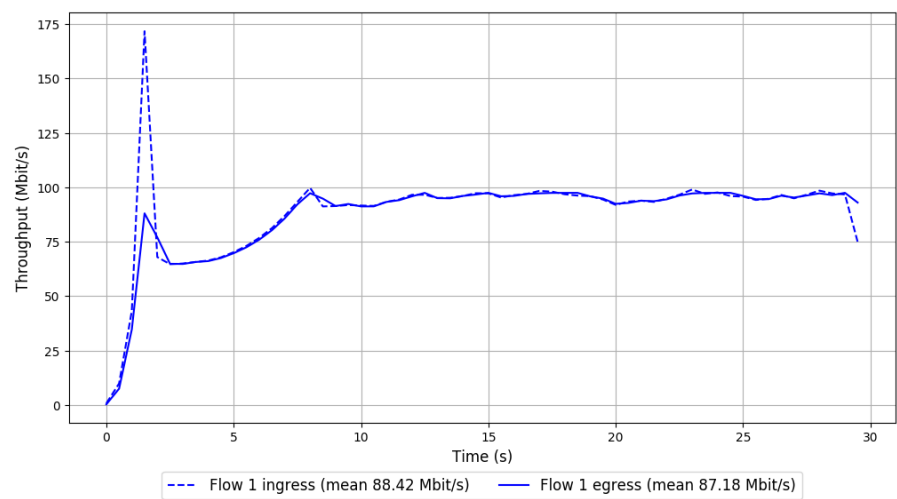


Run 7: Statistics of PCC

Start at: 2018-03-13 06:46:10
End at: 2018-03-13 06:46:40
Local clock offset: -4.716 ms
Remote clock offset: -0.651 ms

Below is generated by plot.py at 2018-03-13 08:39:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.18 Mbit/s
95th percentile per-packet one-way delay: 96.263 ms
Loss rate: 1.41%
-- Flow 1:
Average throughput: 87.18 Mbit/s
95th percentile per-packet one-way delay: 96.263 ms
Loss rate: 1.41%

Run 7: Report of PCC — Data Link

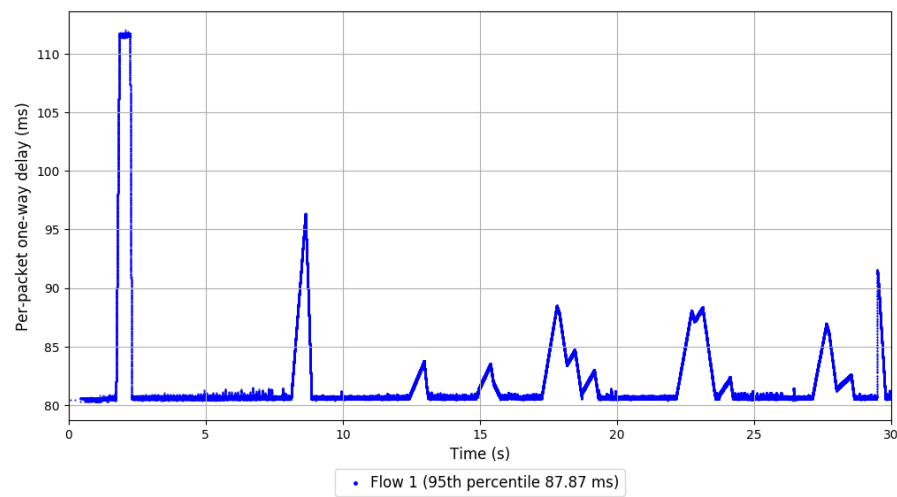
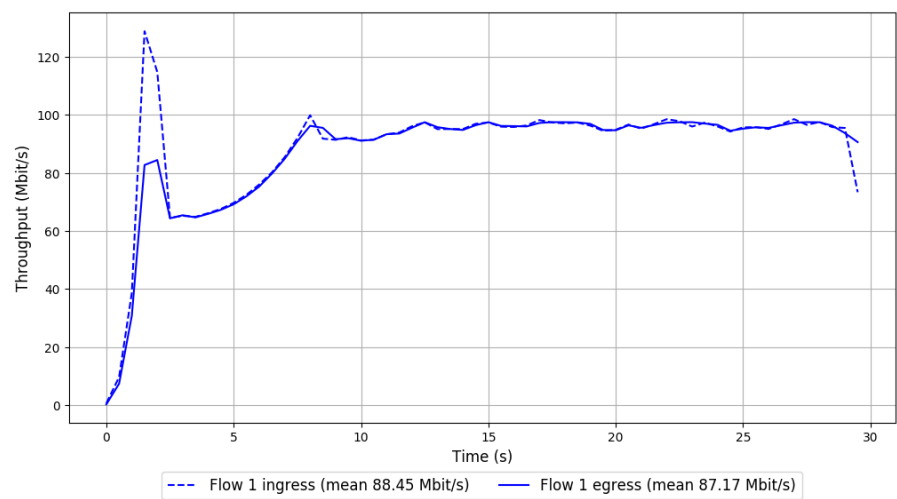


Run 8: Statistics of PCC

Start at: 2018-03-13 07:08:27
End at: 2018-03-13 07:08:57
Local clock offset: -6.336 ms
Remote clock offset: -6.479 ms

Below is generated by plot.py at 2018-03-13 08:39:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.17 Mbit/s
95th percentile per-packet one-way delay: 87.872 ms
Loss rate: 1.45%
-- Flow 1:
Average throughput: 87.17 Mbit/s
95th percentile per-packet one-way delay: 87.872 ms
Loss rate: 1.45%

Run 8: Report of PCC — Data Link



Run 9: Statistics of PCC

Start at: 2018-03-13 07:30:45

End at: 2018-03-13 07:31:15

Local clock offset: -5.48 ms

Remote clock offset: 0.038 ms

Below is generated by plot.py at 2018-03-13 08:40:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.21 Mbit/s

95th percentile per-packet one-way delay: 103.377 ms

Loss rate: 1.41%

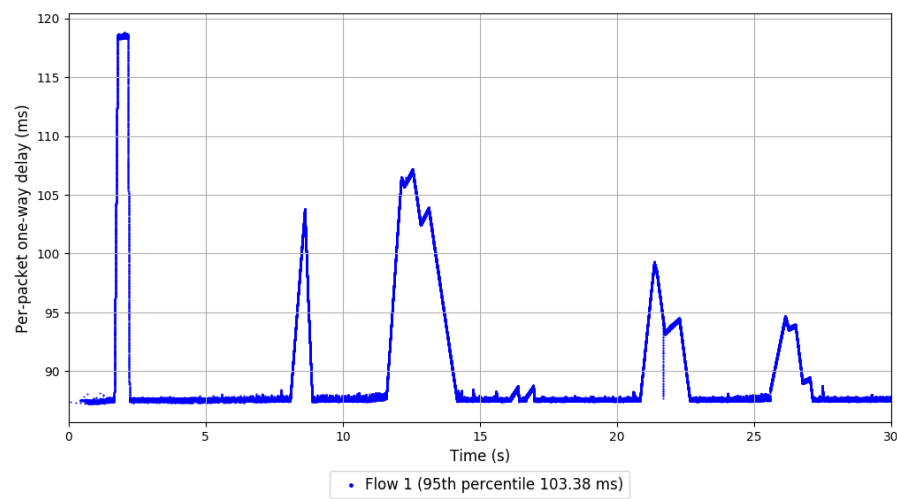
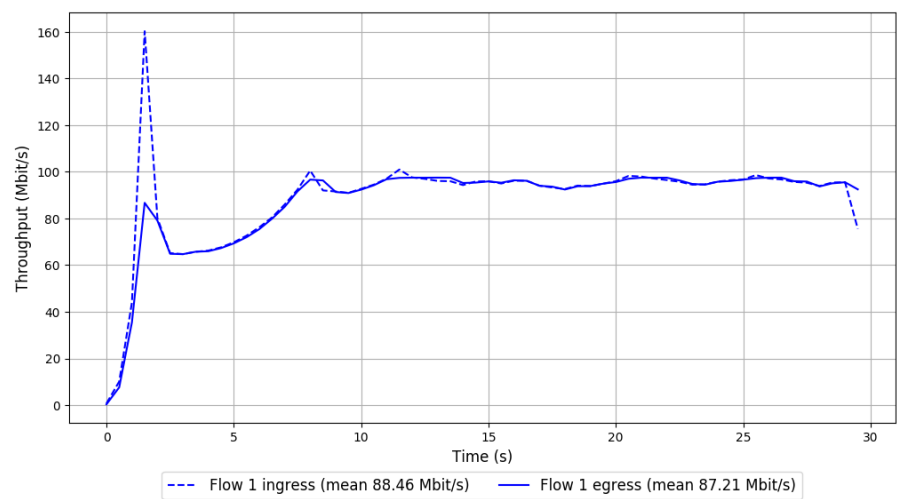
-- Flow 1:

Average throughput: 87.21 Mbit/s

95th percentile per-packet one-way delay: 103.377 ms

Loss rate: 1.41%

Run 9: Report of PCC — Data Link

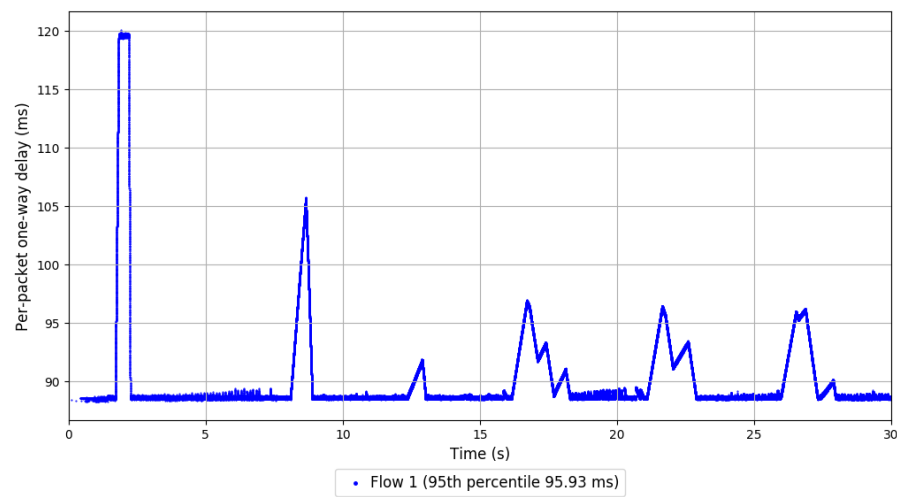
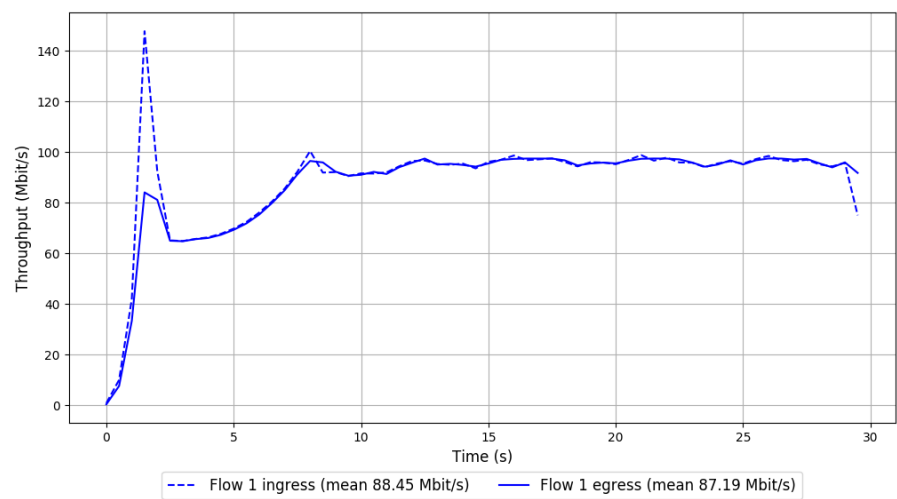


Run 10: Statistics of PCC

Start at: 2018-03-13 07:52:51
End at: 2018-03-13 07:53:21
Local clock offset: -5.782 ms
Remote clock offset: -1.037 ms

Below is generated by plot.py at 2018-03-13 08:40:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.19 Mbit/s
95th percentile per-packet one-way delay: 95.926 ms
Loss rate: 1.42%
-- Flow 1:
Average throughput: 87.19 Mbit/s
95th percentile per-packet one-way delay: 95.926 ms
Loss rate: 1.42%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2018-03-13 04:42:05

End at: 2018-03-13 04:42:35

Local clock offset: -4.909 ms

Remote clock offset: 0.177 ms

Below is generated by plot.py at 2018-03-13 08:40:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 55.73 Mbit/s

95th percentile per-packet one-way delay: 106.449 ms

Loss rate: 0.17%

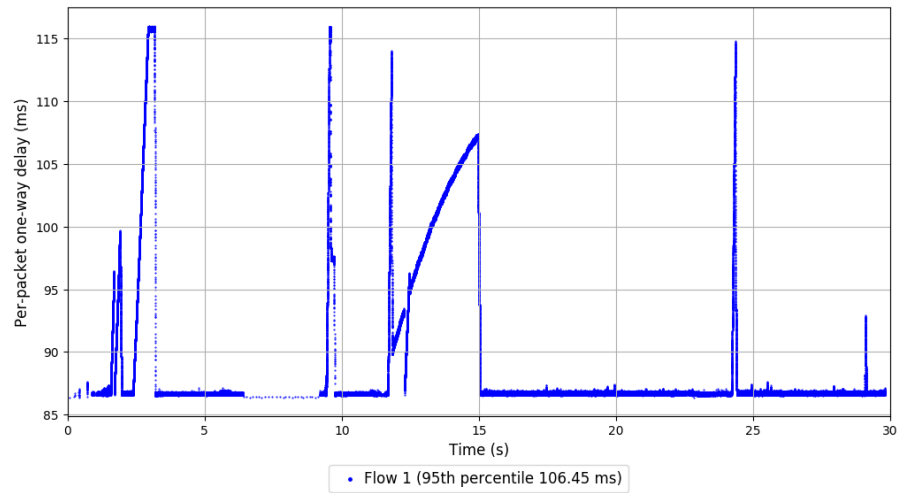
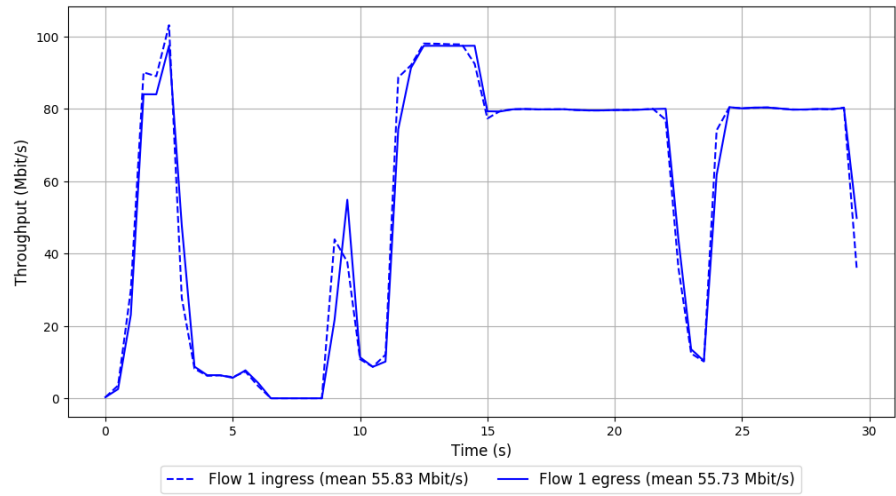
-- Flow 1:

Average throughput: 55.73 Mbit/s

95th percentile per-packet one-way delay: 106.449 ms

Loss rate: 0.17%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2018-03-13 05:04:24

End at: 2018-03-13 05:04:54

Local clock offset: -4.051 ms

Remote clock offset: -4.946 ms

Below is generated by plot.py at 2018-03-13 08:40:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 64.18 Mbit/s

95th percentile per-packet one-way delay: 105.073 ms

Loss rate: 0.26%

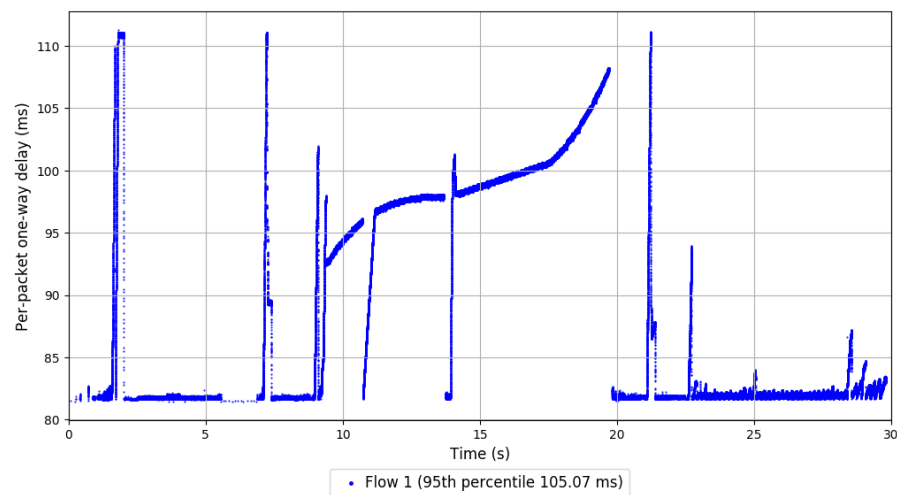
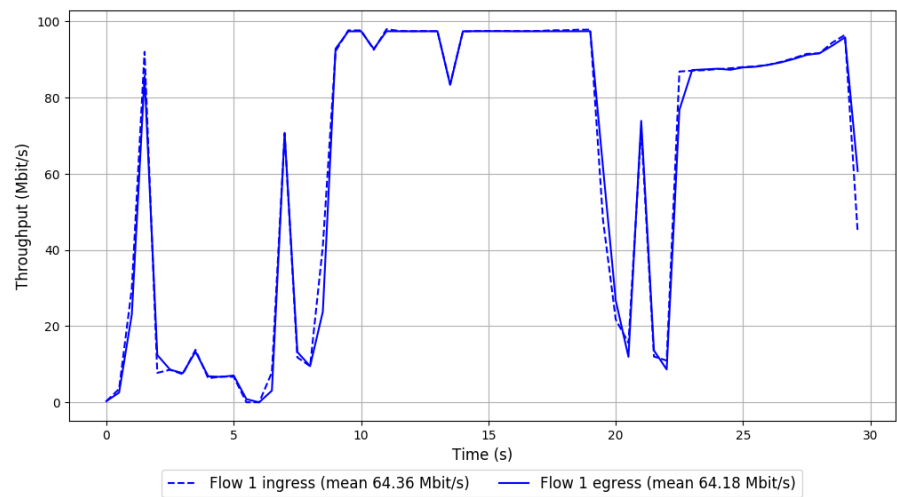
-- Flow 1:

Average throughput: 64.18 Mbit/s

95th percentile per-packet one-way delay: 105.073 ms

Loss rate: 0.26%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2018-03-13 05:26:27

End at: 2018-03-13 05:26:57

Local clock offset: -2.742 ms

Remote clock offset: -6.214 ms

Below is generated by plot.py at 2018-03-13 08:40:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 66.79 Mbit/s

95th percentile per-packet one-way delay: 84.992 ms

Loss rate: 0.11%

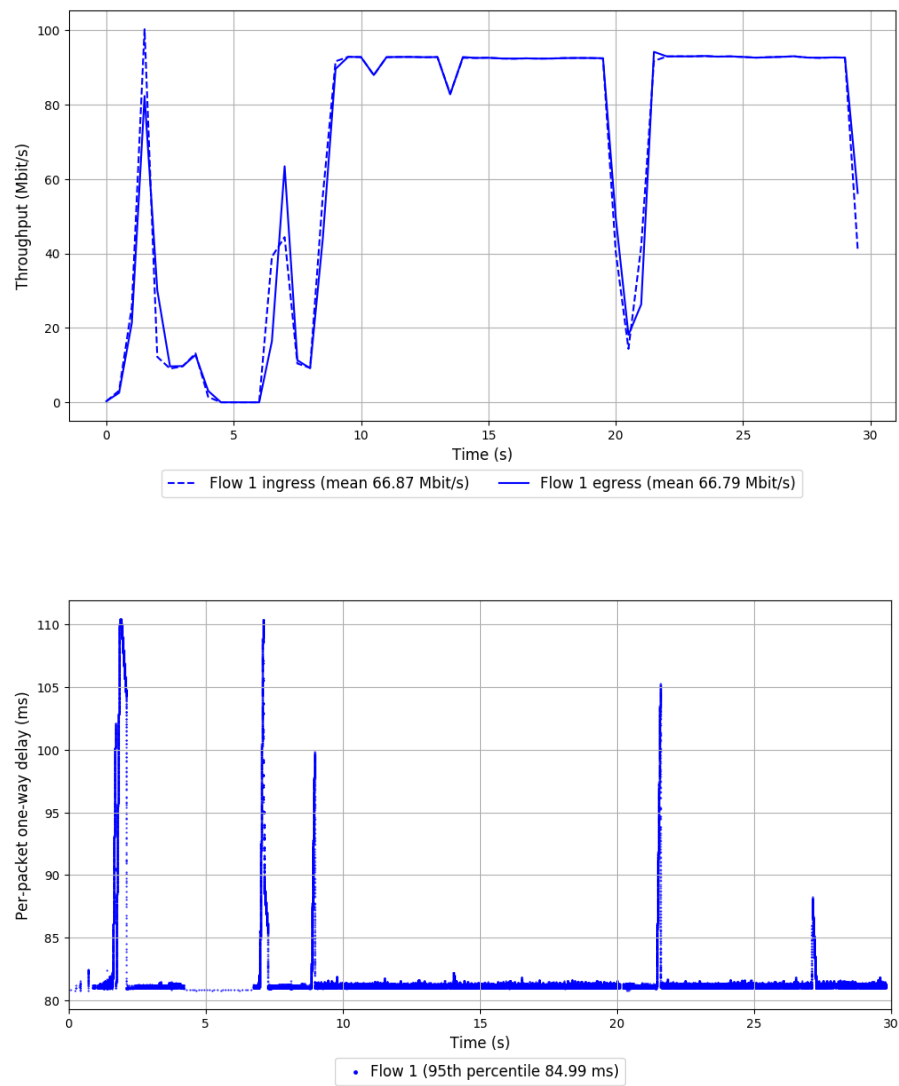
-- Flow 1:

Average throughput: 66.79 Mbit/s

95th percentile per-packet one-way delay: 84.992 ms

Loss rate: 0.11%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2018-03-13 05:48:28

End at: 2018-03-13 05:48:58

Local clock offset: -5.898 ms

Remote clock offset: 0.37 ms

Below is generated by plot.py at 2018-03-13 08:40:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 62.18 Mbit/s

95th percentile per-packet one-way delay: 90.238 ms

Loss rate: 0.17%

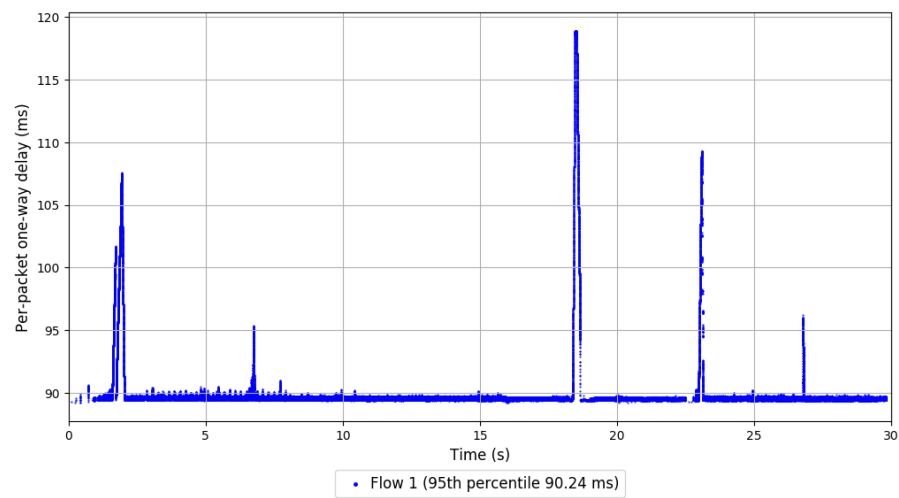
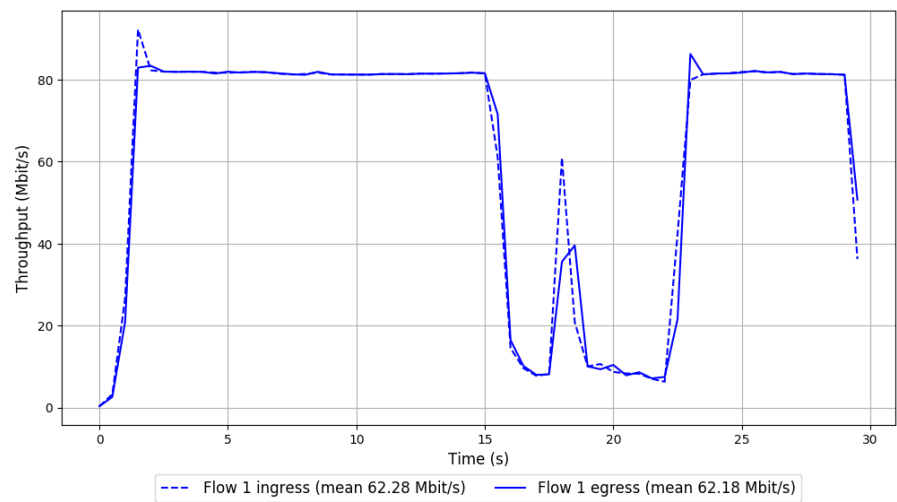
-- Flow 1:

Average throughput: 62.18 Mbit/s

95th percentile per-packet one-way delay: 90.238 ms

Loss rate: 0.17%

Run 4: Report of QUIC Cubic — Data Link

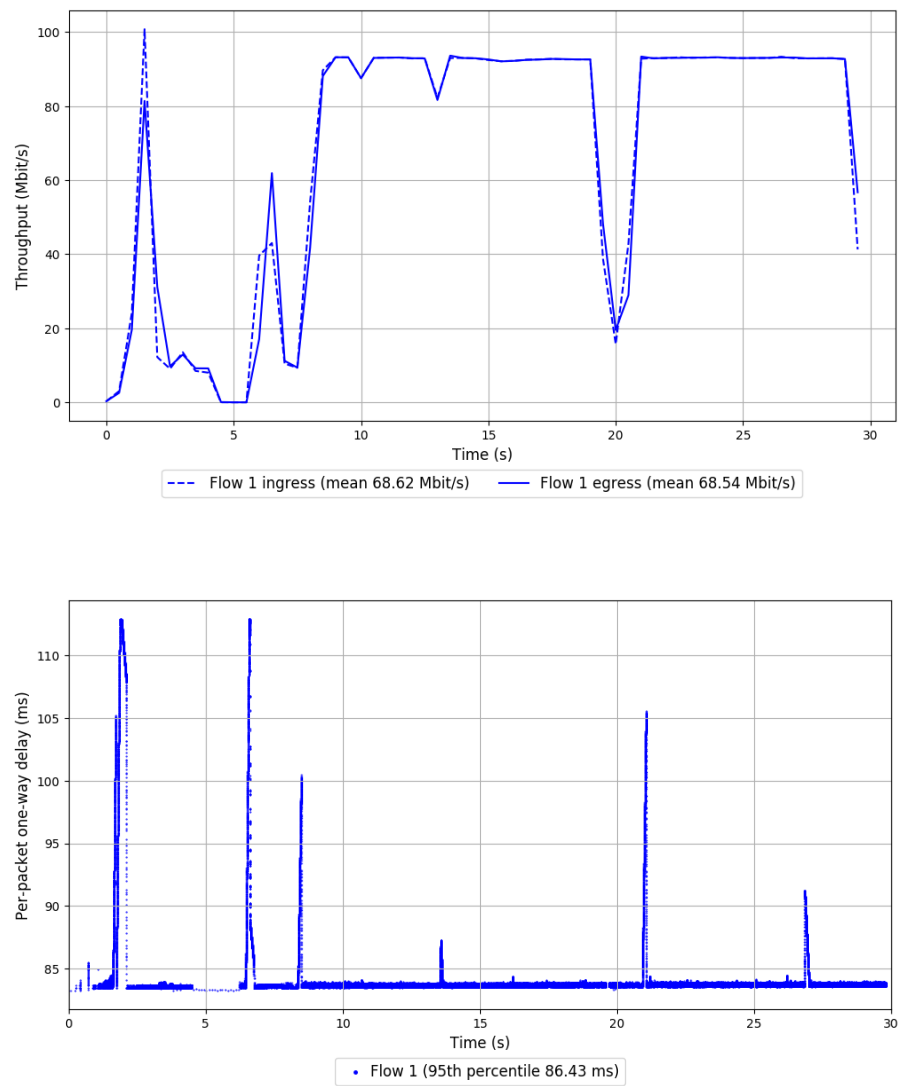


Run 5: Statistics of QUIC Cubic

Start at: 2018-03-13 06:10:30
End at: 2018-03-13 06:11:00
Local clock offset: -6.447 ms
Remote clock offset: -5.705 ms

Below is generated by plot.py at 2018-03-13 08:41:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 68.54 Mbit/s
95th percentile per-packet one-way delay: 86.433 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 68.54 Mbit/s
95th percentile per-packet one-way delay: 86.433 ms
Loss rate: 0.12%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2018-03-13 06:32:33

End at: 2018-03-13 06:33:03

Local clock offset: -4.109 ms

Remote clock offset: -5.664 ms

Below is generated by plot.py at 2018-03-13 08:41:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 55.46 Mbit/s

95th percentile per-packet one-way delay: 93.990 ms

Loss rate: 0.41%

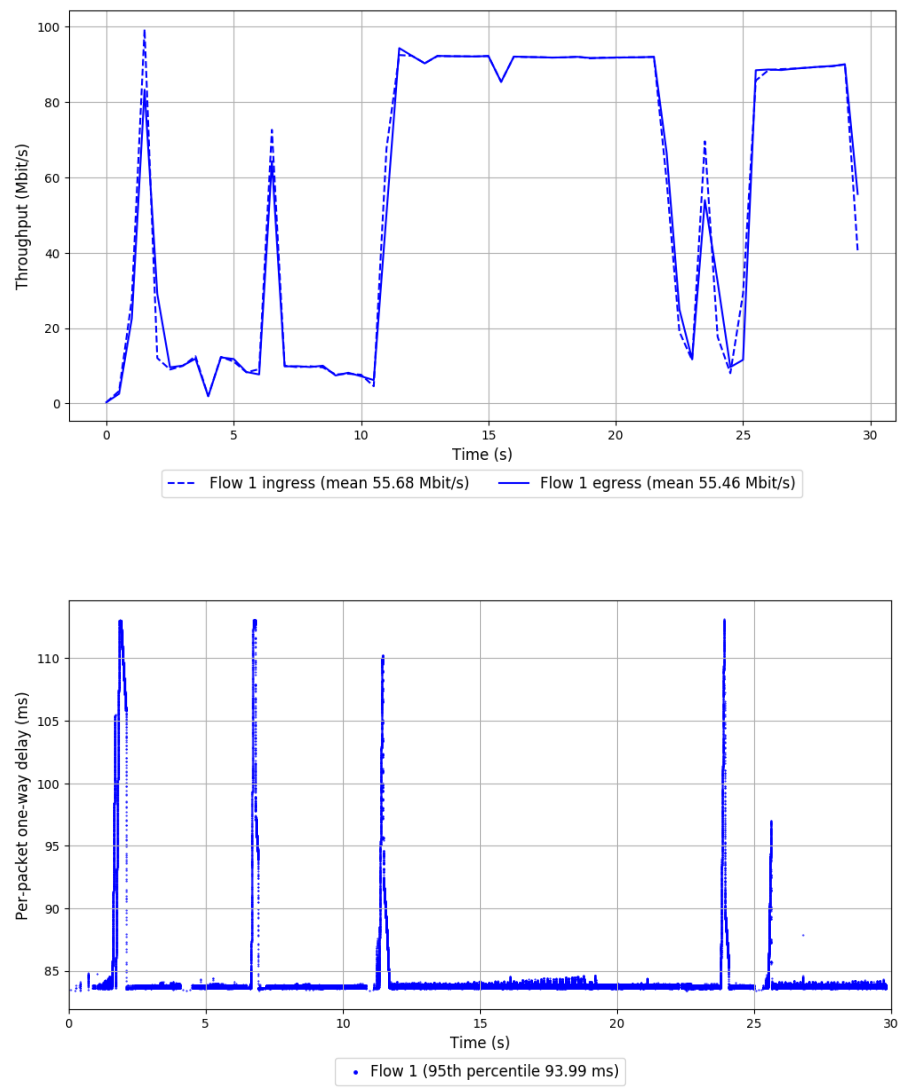
-- Flow 1:

Average throughput: 55.46 Mbit/s

95th percentile per-packet one-way delay: 93.990 ms

Loss rate: 0.41%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: 2018-03-13 06:54:34

End at: 2018-03-13 06:55:04

Local clock offset: -5.688 ms

Remote clock offset: -0.884 ms

Below is generated by plot.py at 2018-03-13 08:41:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 58.63 Mbit/s

95th percentile per-packet one-way delay: 102.952 ms

Loss rate: 0.29%

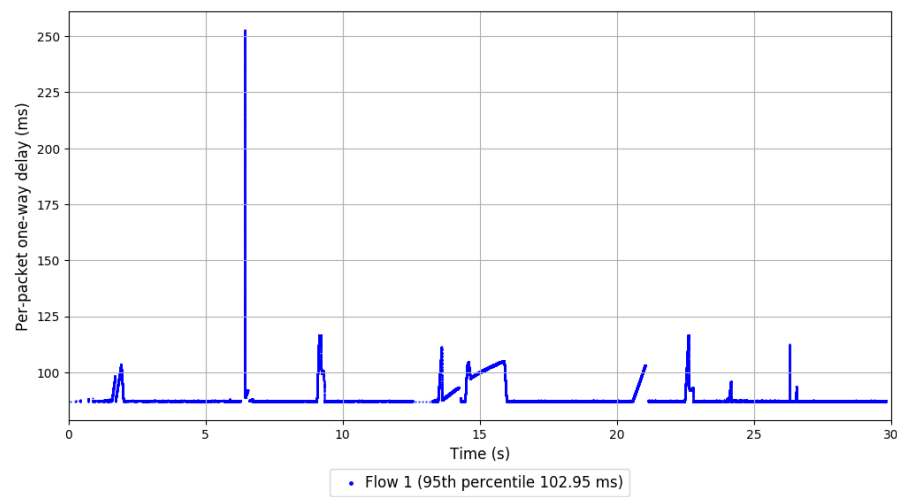
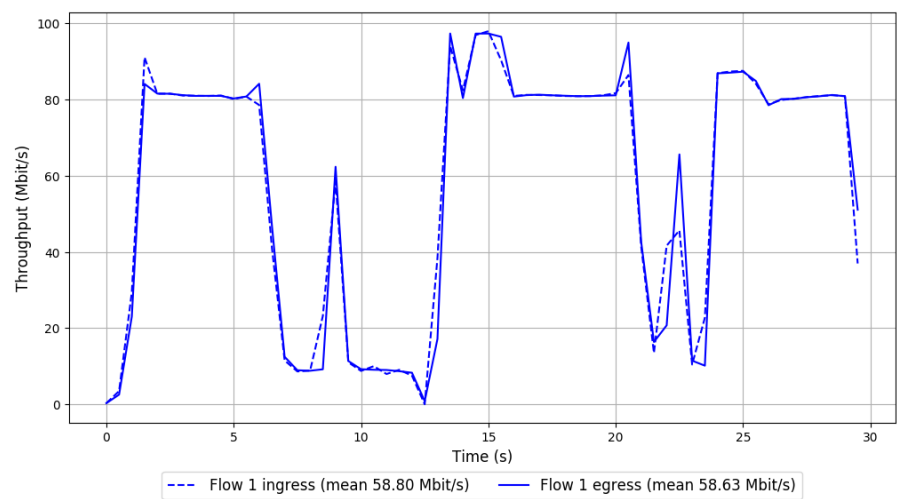
-- Flow 1:

Average throughput: 58.63 Mbit/s

95th percentile per-packet one-way delay: 102.952 ms

Loss rate: 0.29%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2018-03-13 07:16:51

End at: 2018-03-13 07:17:21

Local clock offset: -6.439 ms

Remote clock offset: 0.182 ms

Below is generated by plot.py at 2018-03-13 08:41:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 66.73 Mbit/s

95th percentile per-packet one-way delay: 92.494 ms

Loss rate: 0.12%

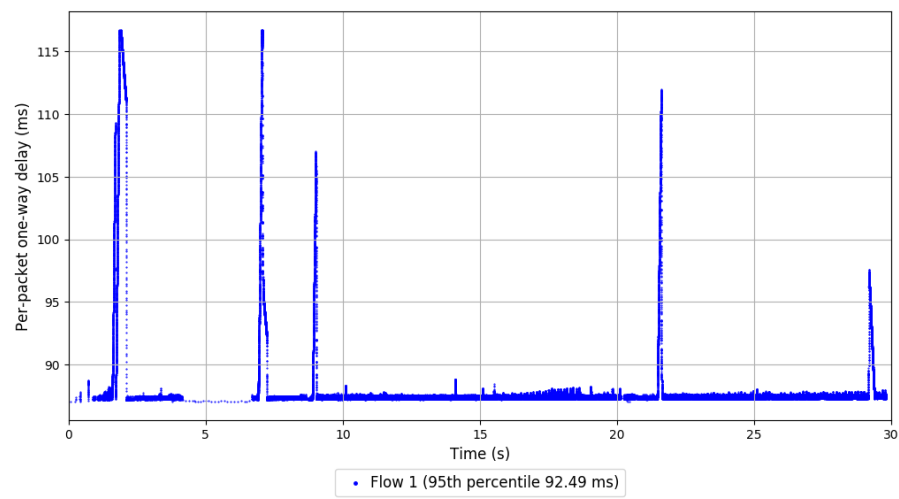
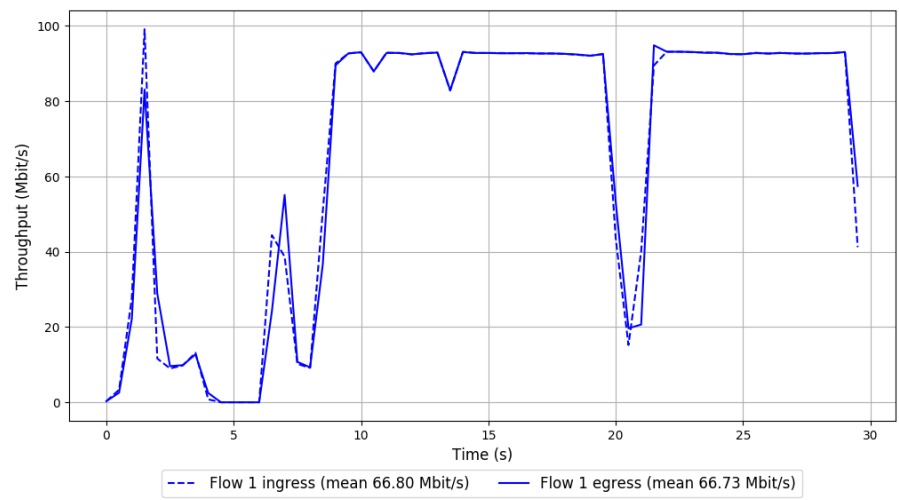
-- Flow 1:

Average throughput: 66.73 Mbit/s

95th percentile per-packet one-way delay: 92.494 ms

Loss rate: 0.12%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2018-03-13 07:39:09

End at: 2018-03-13 07:39:39

Local clock offset: -5.383 ms

Remote clock offset: -0.85 ms

Below is generated by plot.py at 2018-03-13 08:41:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 54.41 Mbit/s

95th percentile per-packet one-way delay: 96.664 ms

Loss rate: 0.21%

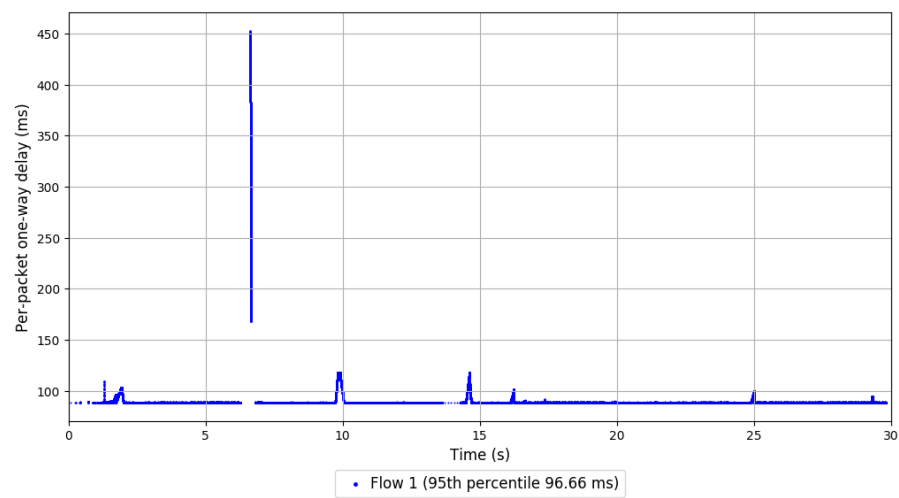
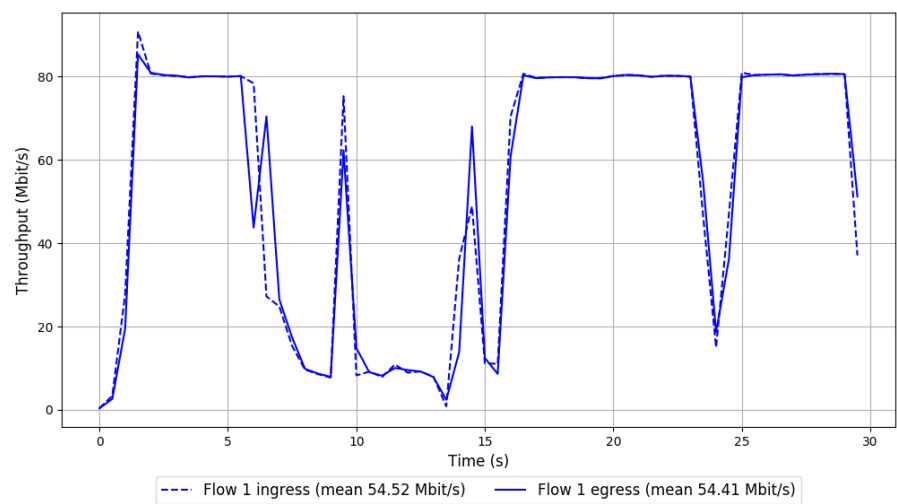
-- Flow 1:

Average throughput: 54.41 Mbit/s

95th percentile per-packet one-way delay: 96.664 ms

Loss rate: 0.21%

Run 9: Report of QUIC Cubic — Data Link

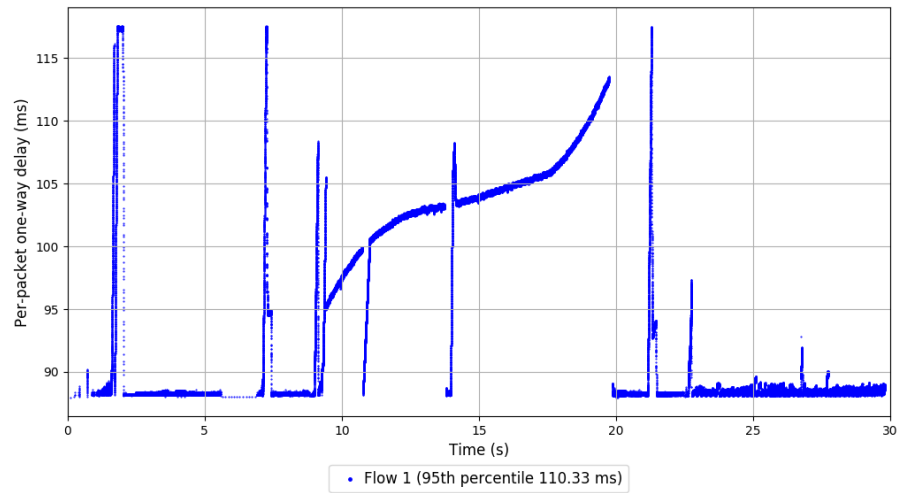
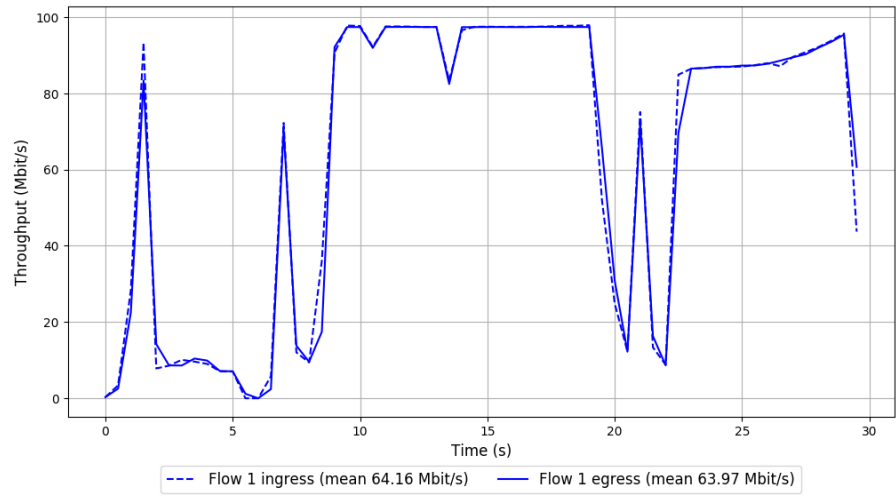


Run 10: Statistics of QUIC Cubic

Start at: 2018-03-13 08:01:15
End at: 2018-03-13 08:01:45
Local clock offset: -6.622 ms
Remote clock offset: -0.944 ms

Below is generated by plot.py at 2018-03-13 08:41:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 63.97 Mbit/s
95th percentile per-packet one-way delay: 110.333 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 63.97 Mbit/s
95th percentile per-packet one-way delay: 110.333 ms
Loss rate: 0.28%

Run 10: Report of QUIC Cubic — Data Link

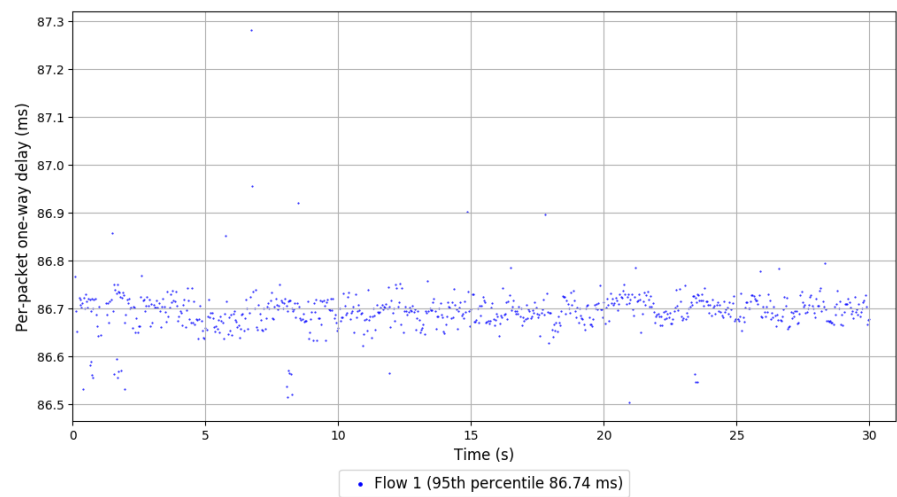
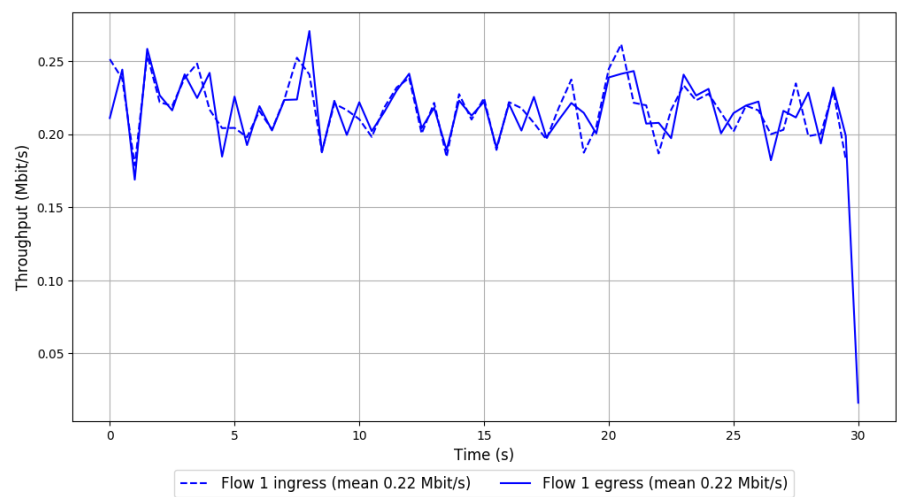


```
Run 1: Statistics of SCReAM

Start at: 2018-03-13 04:38:30
End at: 2018-03-13 04:39:00
Local clock offset: -4.921 ms
Remote clock offset: 0.091 ms

# Below is generated by plot.py at 2018-03-13 08:41:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.737 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.737 ms
Loss rate: 0.00%
```

Run 1: Report of SReAM — Data Link

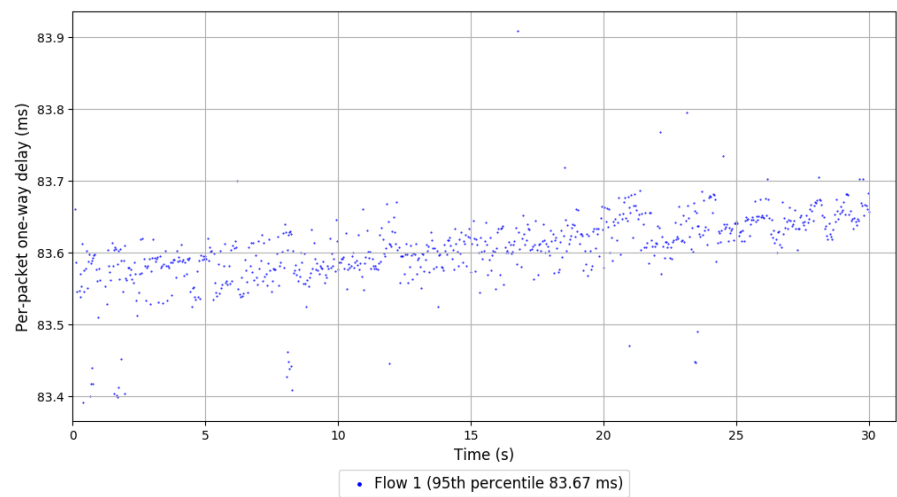
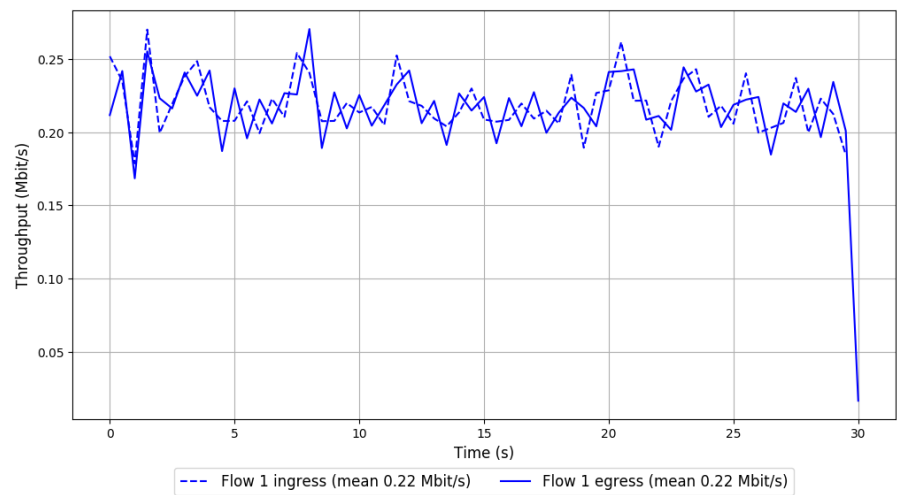


Run 2: Statistics of SCReAM

Start at: 2018-03-13 05:00:50
End at: 2018-03-13 05:01:20
Local clock offset: -4.728 ms
Remote clock offset: -4.866 ms

Below is generated by plot.py at 2018-03-13 08:41:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 83.670 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 83.670 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

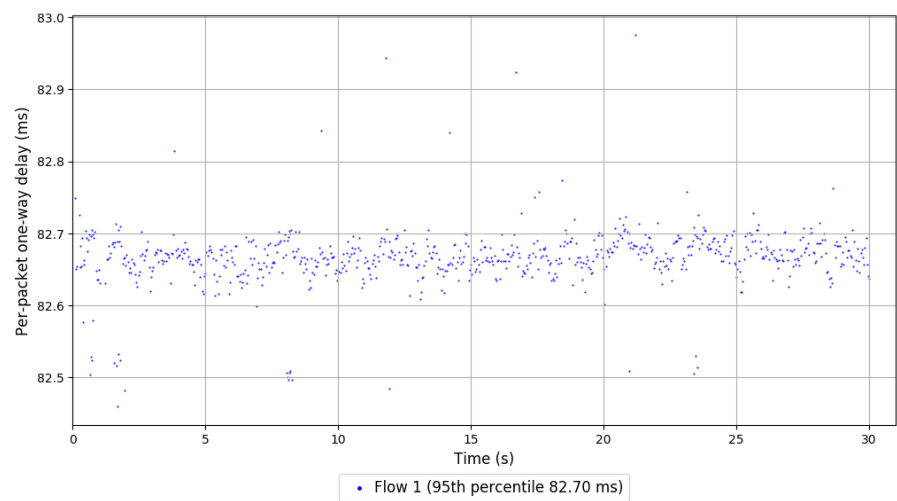
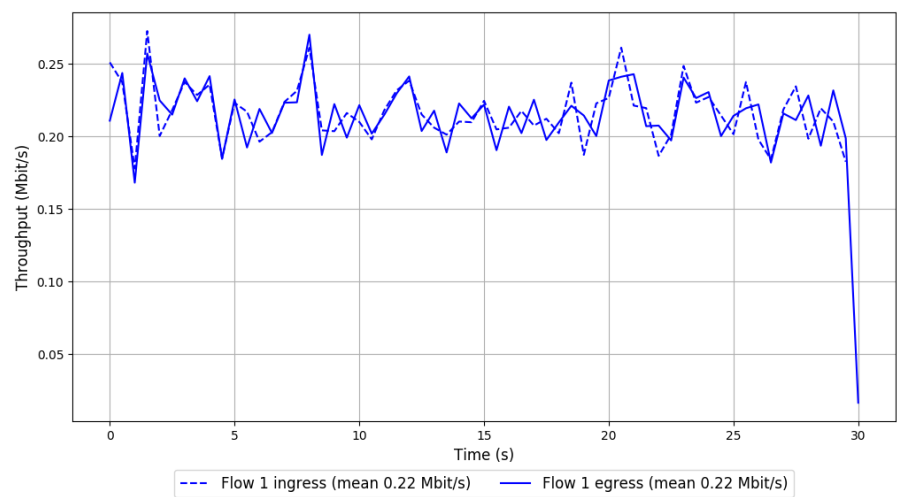


Run 3: Statistics of SCReAM

Start at: 2018-03-13 05:22:52
End at: 2018-03-13 05:23:22
Local clock offset: -2.78 ms
Remote clock offset: -6.197 ms

Below is generated by plot.py at 2018-03-13 08:41:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 82.704 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 82.704 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link



Run 4: Statistics of SCReAM

Start at: 2018-03-13 05:44:53

End at: 2018-03-13 05:45:23

Local clock offset: -5.377 ms

Remote clock offset: 0.293 ms

Below is generated by plot.py at 2018-03-13 08:41:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 87.099 ms

Loss rate: 0.00%

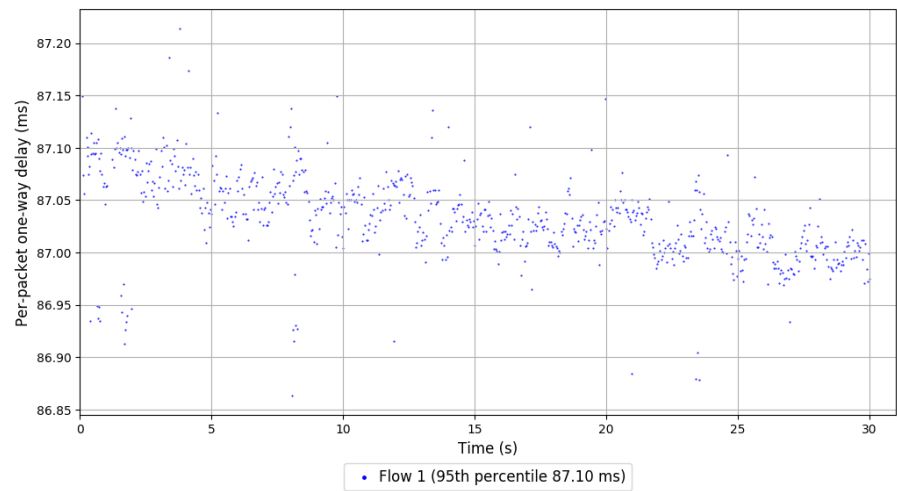
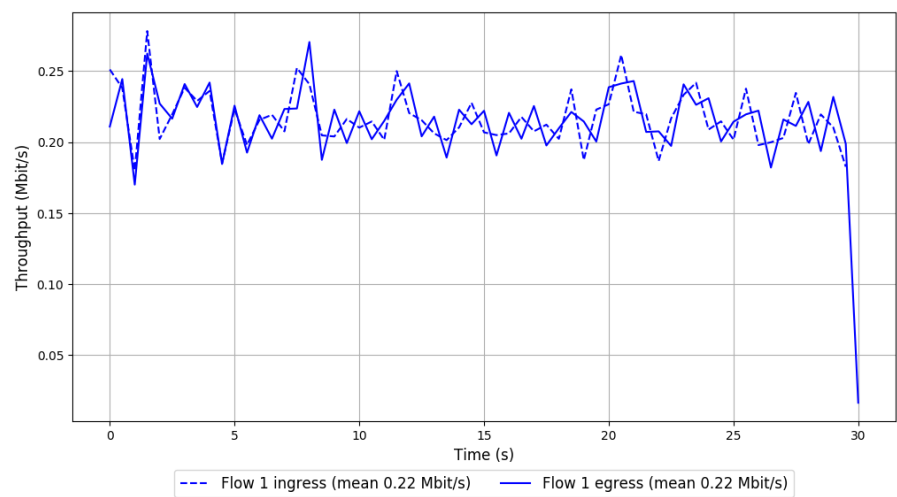
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 87.099 ms

Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

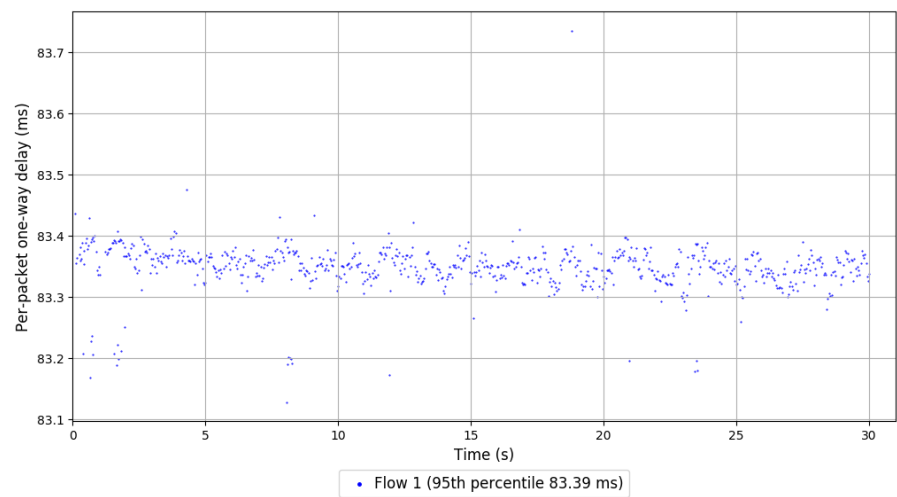
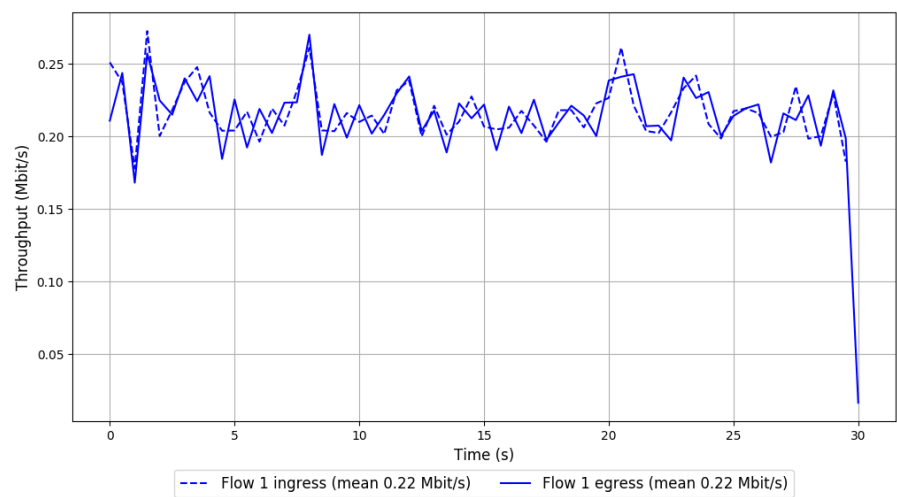


Run 5: Statistics of SCReAM

Start at: 2018-03-13 06:06:55
End at: 2018-03-13 06:07:25
Local clock offset: -7.307 ms
Remote clock offset: -5.566 ms

Below is generated by plot.py at 2018-03-13 08:41:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 83.389 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 83.389 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

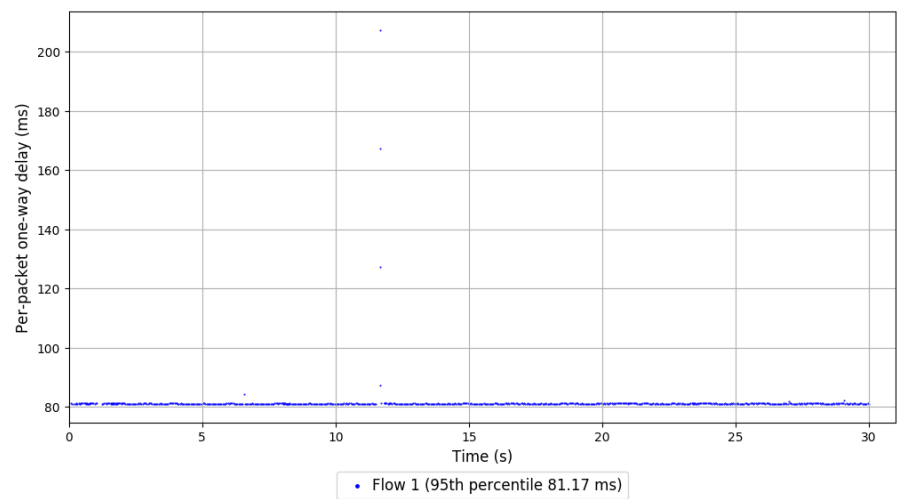
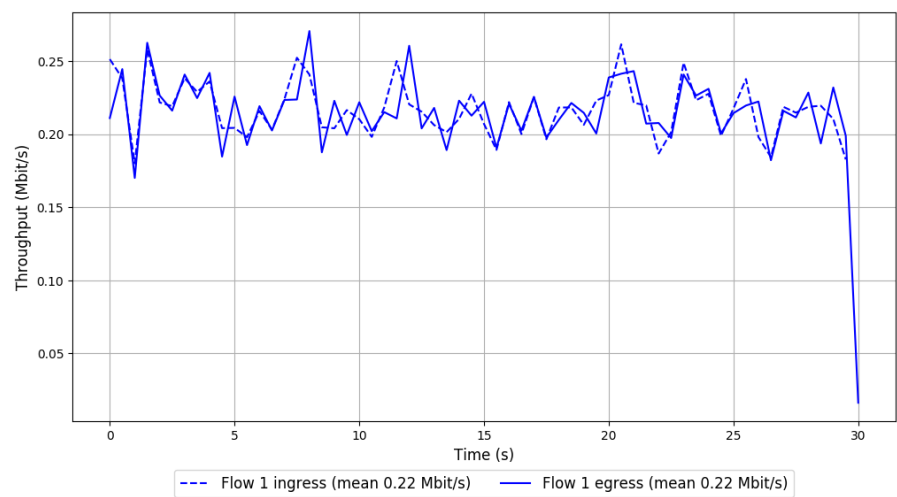


Run 6: Statistics of SCReAM

Start at: 2018-03-13 06:28:58
End at: 2018-03-13 06:29:28
Local clock offset: -4.13 ms
Remote clock offset: -6.424 ms

Below is generated by plot.py at 2018-03-13 08:41:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 81.171 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 81.171 ms
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

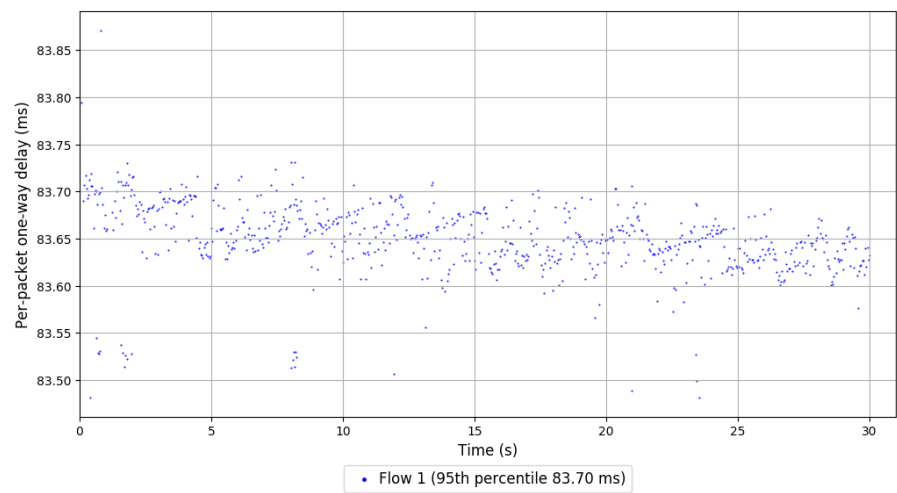
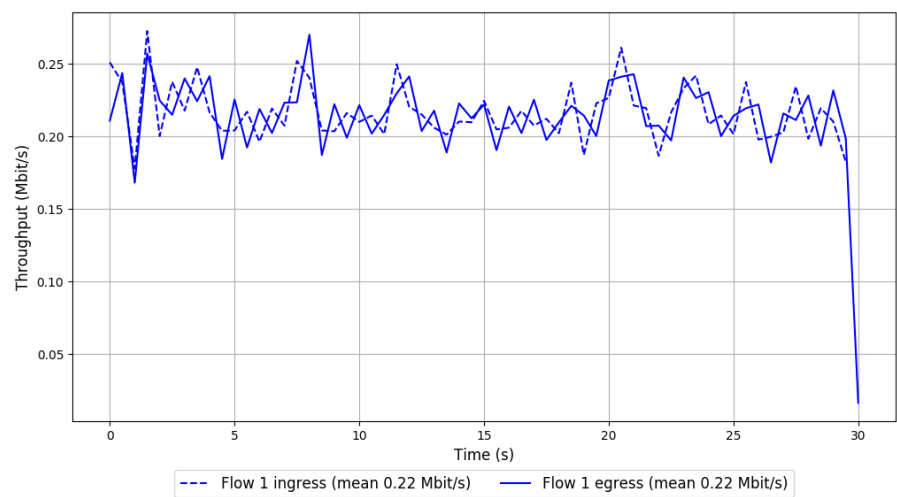


Run 7: Statistics of SCReAM

Start at: 2018-03-13 06:51:00
End at: 2018-03-13 06:51:30
Local clock offset: -5.403 ms
Remote clock offset: -5.651 ms

Below is generated by plot.py at 2018-03-13 08:41:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 83.703 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 83.703 ms
Loss rate: 0.00%

Run 7: Report of SReAM — Data Link

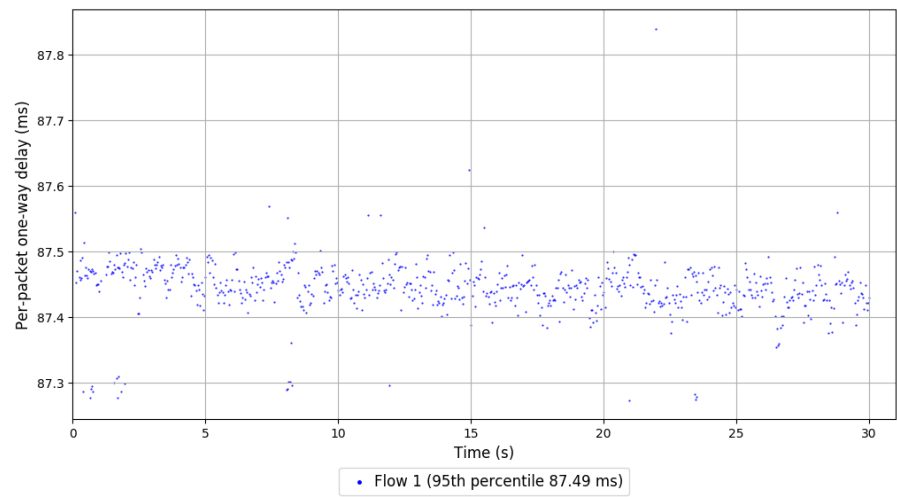
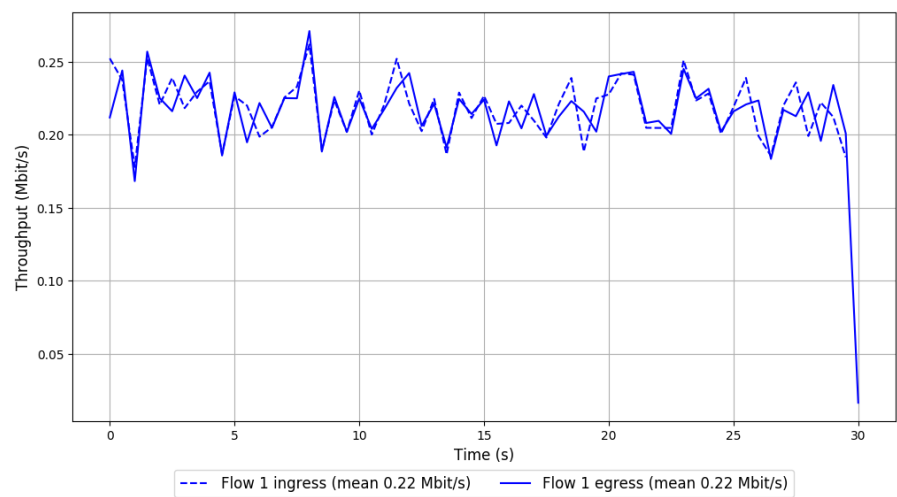


Run 8: Statistics of SCReAM

Start at: 2018-03-13 07:13:16
End at: 2018-03-13 07:13:46
Local clock offset: -6.476 ms
Remote clock offset: -1.606 ms

Below is generated by plot.py at 2018-03-13 08:41:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 87.492 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 87.492 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

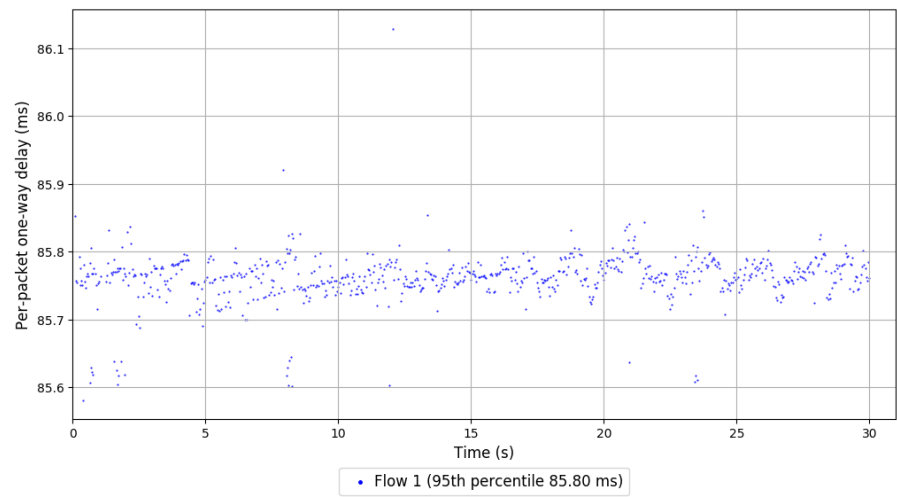
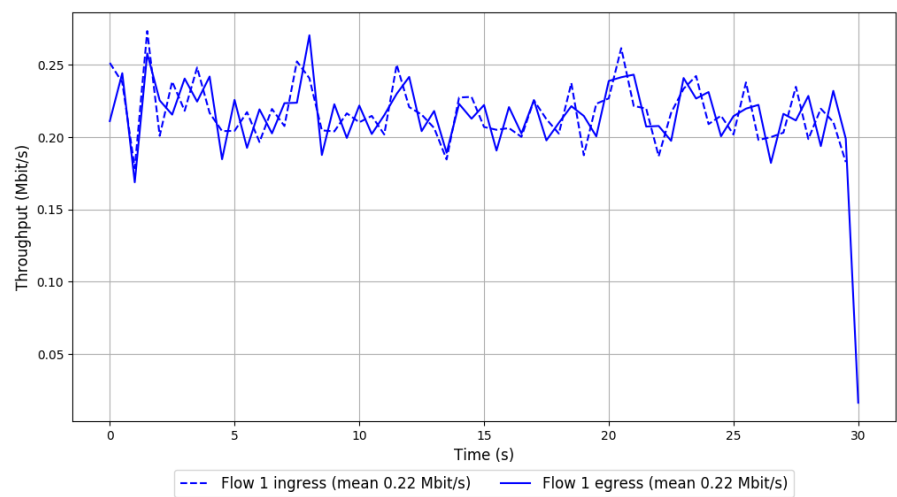


Run 9: Statistics of SCReAM

Start at: 2018-03-13 07:35:34
End at: 2018-03-13 07:36:04
Local clock offset: -5.428 ms
Remote clock offset: -1.754 ms

Below is generated by plot.py at 2018-03-13 08:41:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 85.803 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 85.803 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link

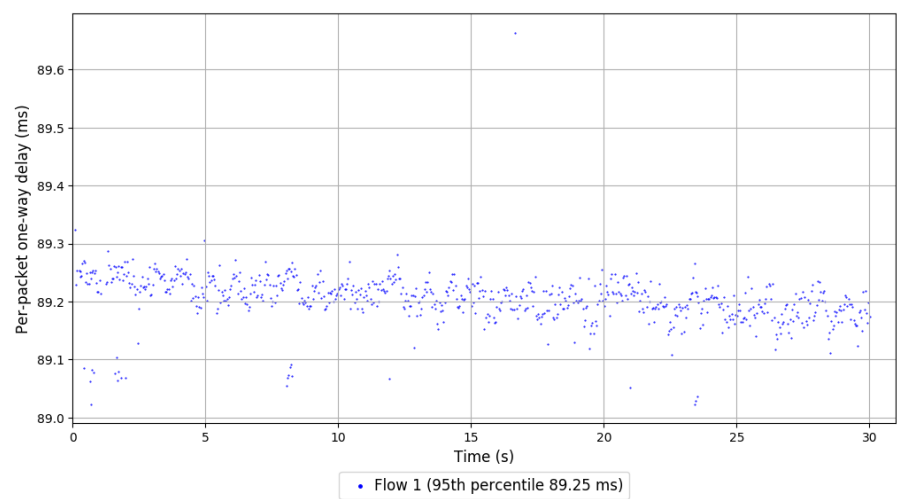
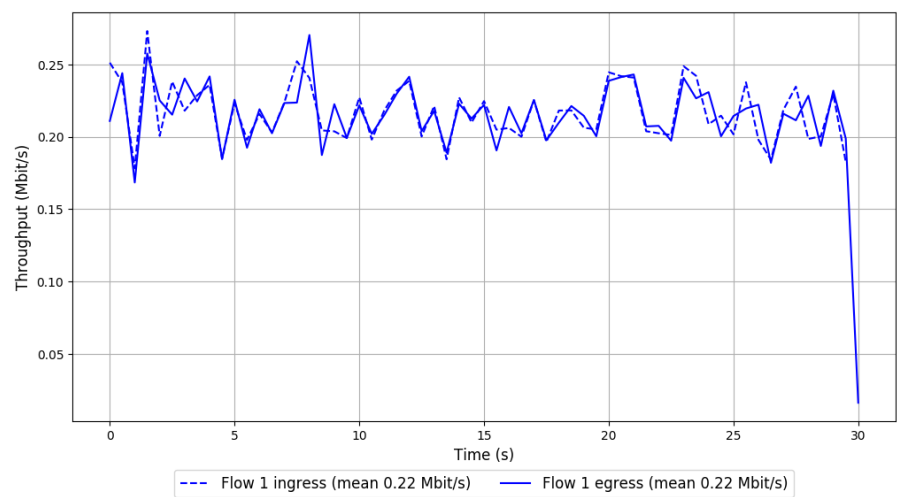


Run 10: Statistics of SReAM

Start at: 2018-03-13 07:57:40
End at: 2018-03-13 07:58:10
Local clock offset: -6.284 ms
Remote clock offset: -1.158 ms

Below is generated by plot.py at 2018-03-13 08:41:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 89.253 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 89.253 ms
Loss rate: 0.00%

Run 10: Report of SReAM — Data Link



Run 1: Statistics of WebRTC media

Start at: 2018-03-13 04:37:20

End at: 2018-03-13 04:37:50

Local clock offset: -4.983 ms

Remote clock offset: -5.52 ms

Below is generated by plot.py at 2018-03-13 08:41:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 1.99 Mbit/s

95th percentile per-packet one-way delay: 81.527 ms

Loss rate: 0.00%

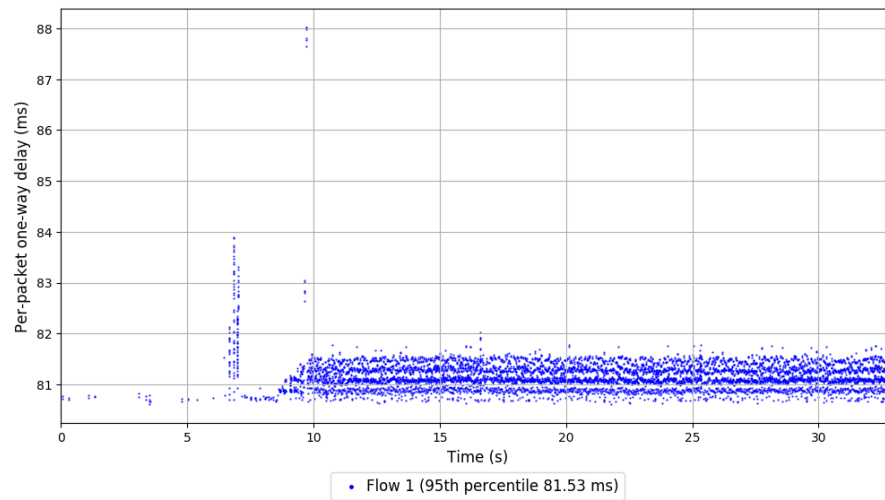
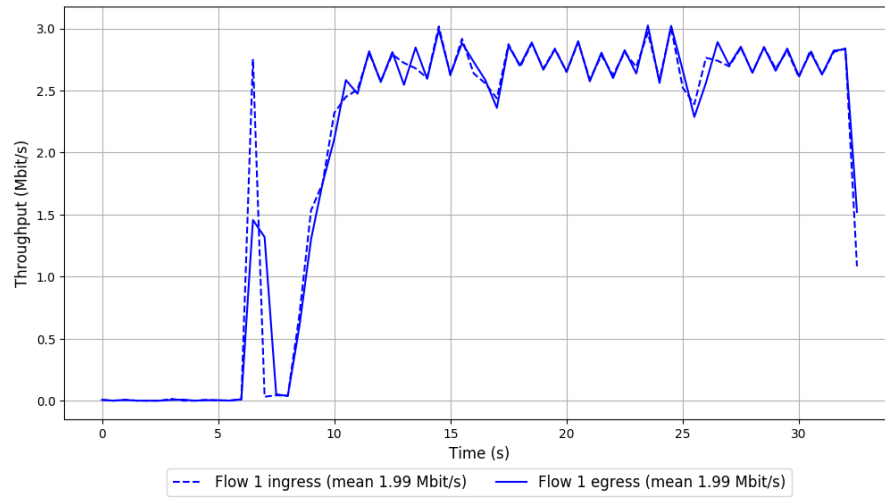
-- Flow 1:

Average throughput: 1.99 Mbit/s

95th percentile per-packet one-way delay: 81.527 ms

Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

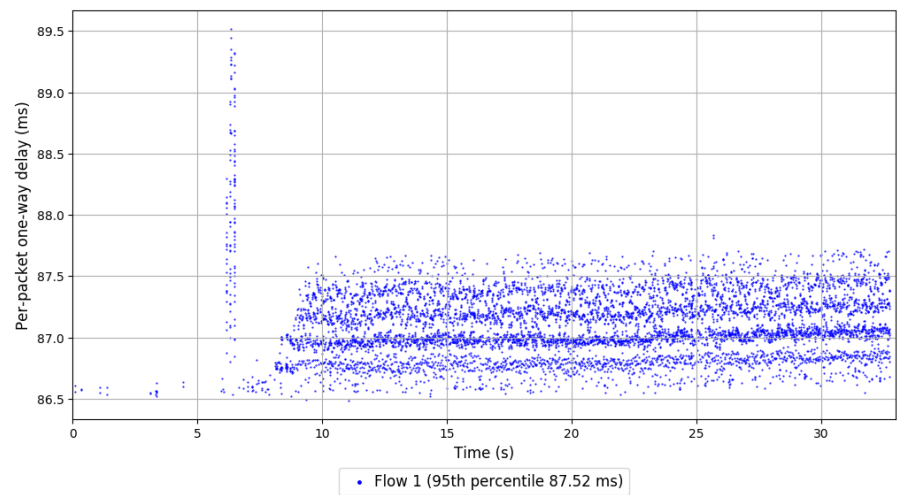
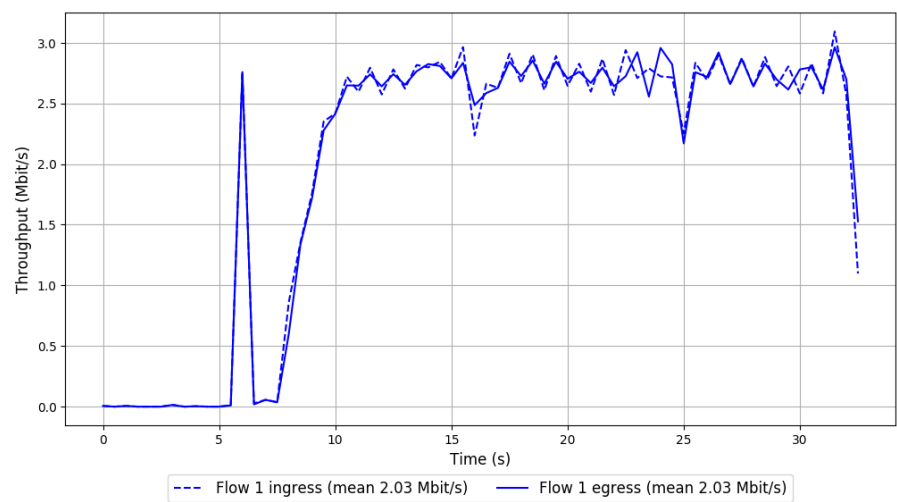


Run 2: Statistics of WebRTC media

Start at: 2018-03-13 04:59:40
End at: 2018-03-13 05:00:10
Local clock offset: -4.865 ms
Remote clock offset: -0.874 ms

Below is generated by plot.py at 2018-03-13 08:41:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.03 Mbit/s
95th percentile per-packet one-way delay: 87.516 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.03 Mbit/s
95th percentile per-packet one-way delay: 87.516 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

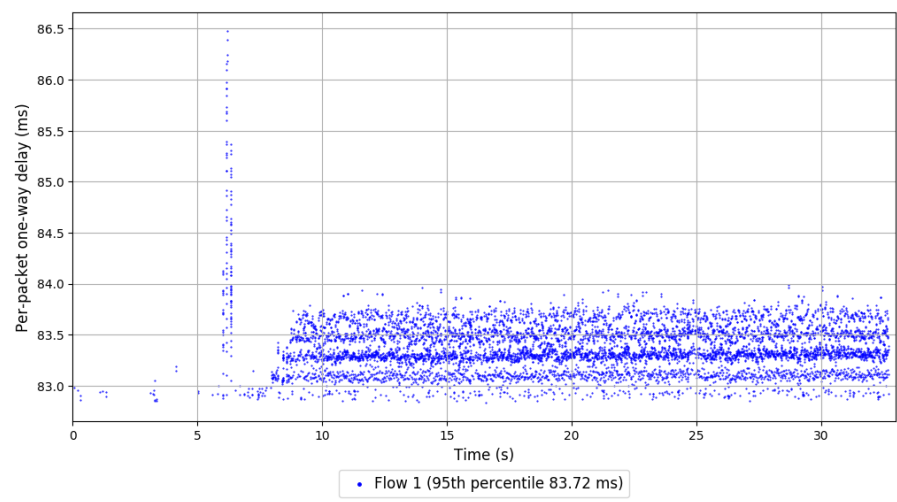
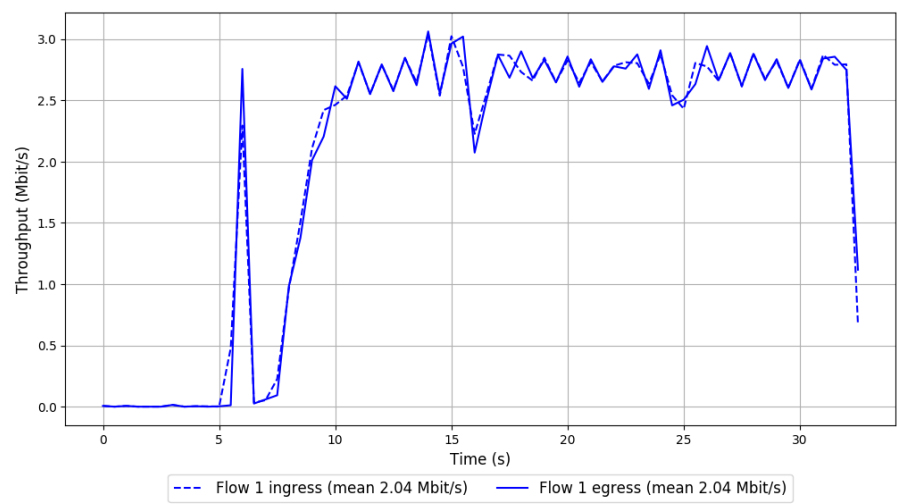


Run 3: Statistics of WebRTC media

Start at: 2018-03-13 05:21:42
End at: 2018-03-13 05:22:12
Local clock offset: -2.801 ms
Remote clock offset: -5.302 ms

Below is generated by plot.py at 2018-03-13 08:41:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.04 Mbit/s
95th percentile per-packet one-way delay: 83.725 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.04 Mbit/s
95th percentile per-packet one-way delay: 83.725 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

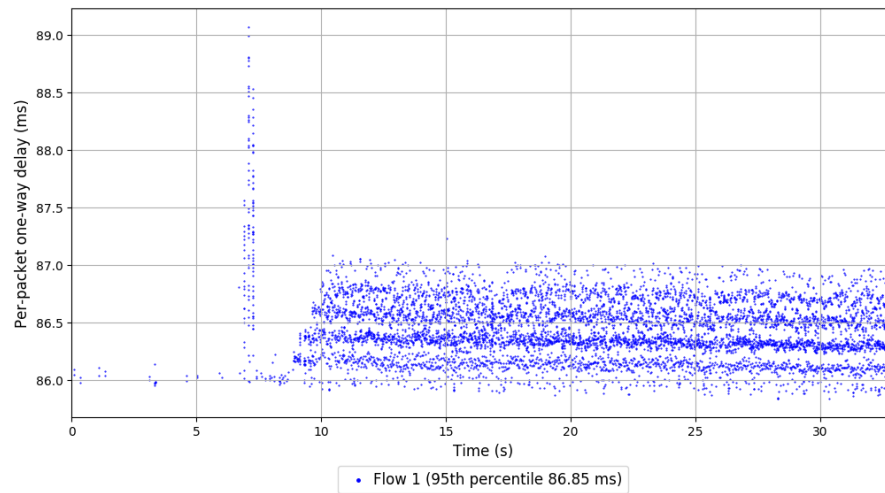
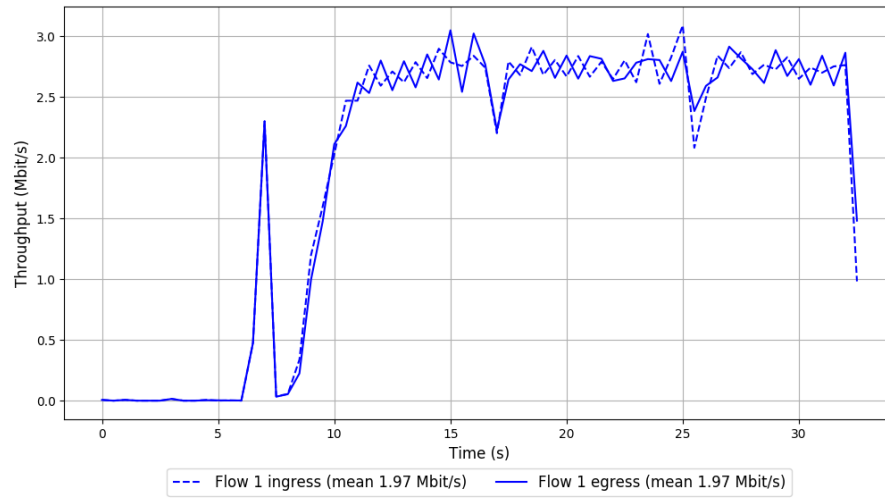


Run 4: Statistics of WebRTC media

Start at: 2018-03-13 05:43:44
End at: 2018-03-13 05:44:14
Local clock offset: -5.227 ms
Remote clock offset: -0.665 ms

Below is generated by plot.py at 2018-03-13 08:41:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.97 Mbit/s
95th percentile per-packet one-way delay: 86.848 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.97 Mbit/s
95th percentile per-packet one-way delay: 86.848 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link

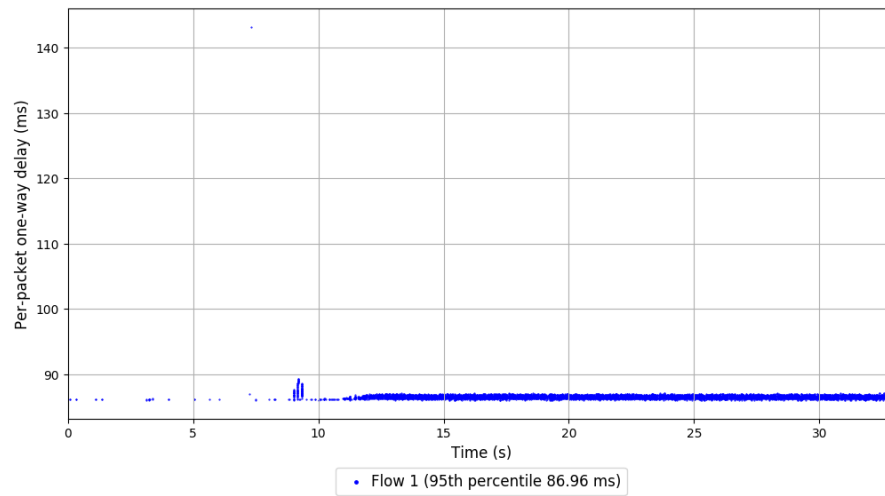
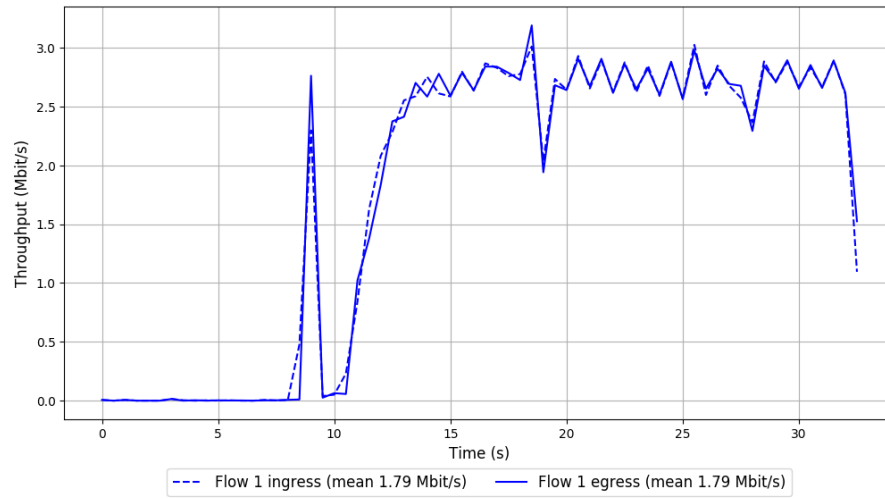


Run 5: Statistics of WebRTC media

Start at: 2018-03-13 06:05:45
End at: 2018-03-13 06:06:15
Local clock offset: -7.223 ms
Remote clock offset: -0.776 ms

Below is generated by plot.py at 2018-03-13 08:41:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.79 Mbit/s
95th percentile per-packet one-way delay: 86.959 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.79 Mbit/s
95th percentile per-packet one-way delay: 86.959 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

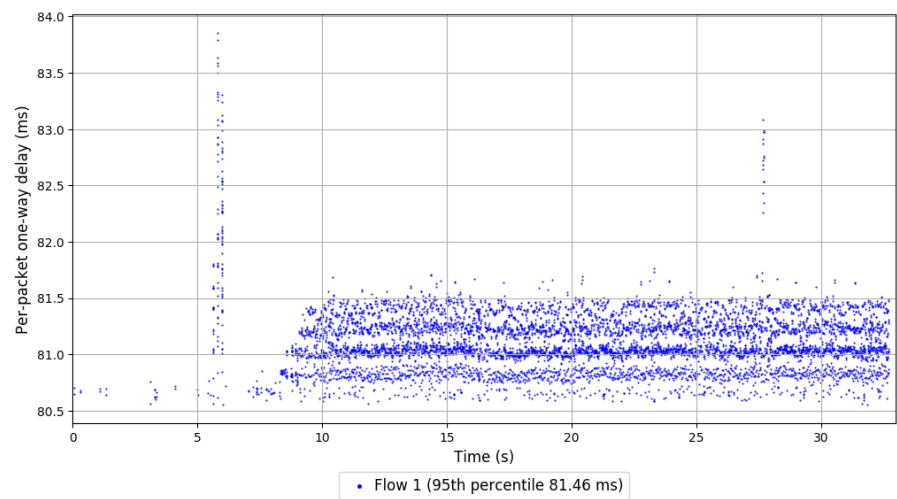
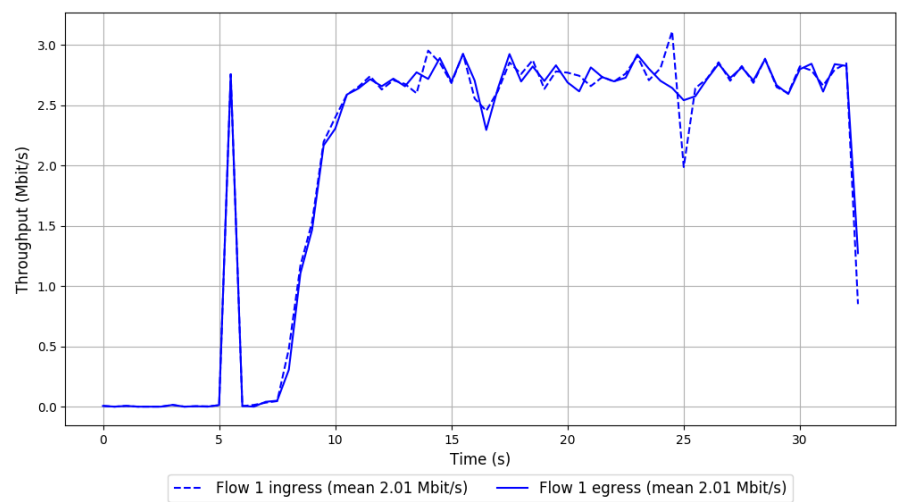


Run 6: Statistics of WebRTC media

Start at: 2018-03-13 06:27:48
End at: 2018-03-13 06:28:18
Local clock offset: -4.173 ms
Remote clock offset: -6.511 ms

Below is generated by plot.py at 2018-03-13 08:41:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.01 Mbit/s
95th percentile per-packet one-way delay: 81.461 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.01 Mbit/s
95th percentile per-packet one-way delay: 81.461 ms
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

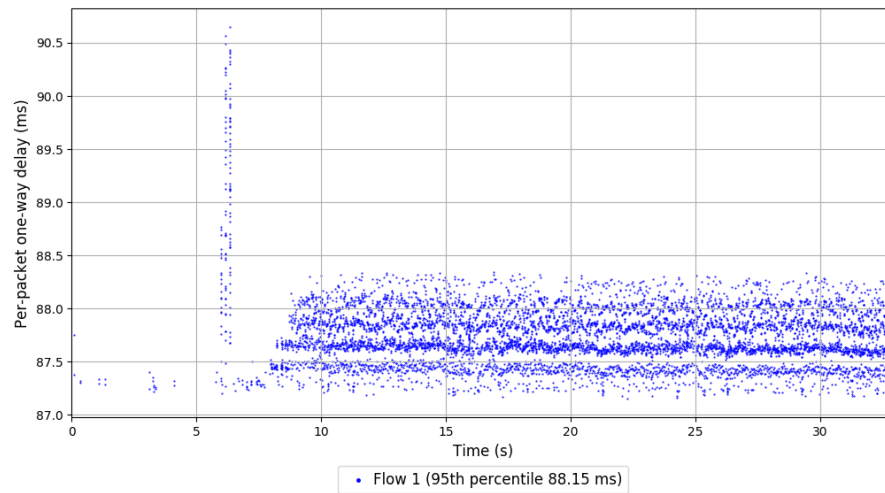
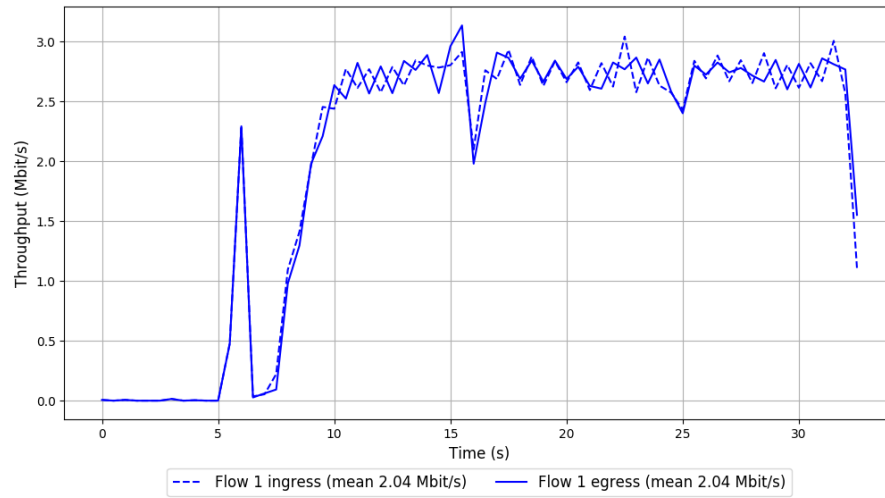


Run 7: Statistics of WebRTC media

Start at: 2018-03-13 06:49:50
End at: 2018-03-13 06:50:20
Local clock offset: -5.29 ms
Remote clock offset: -1.663 ms

Below is generated by plot.py at 2018-03-13 08:41:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.04 Mbit/s
95th percentile per-packet one-way delay: 88.150 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.04 Mbit/s
95th percentile per-packet one-way delay: 88.150 ms
Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

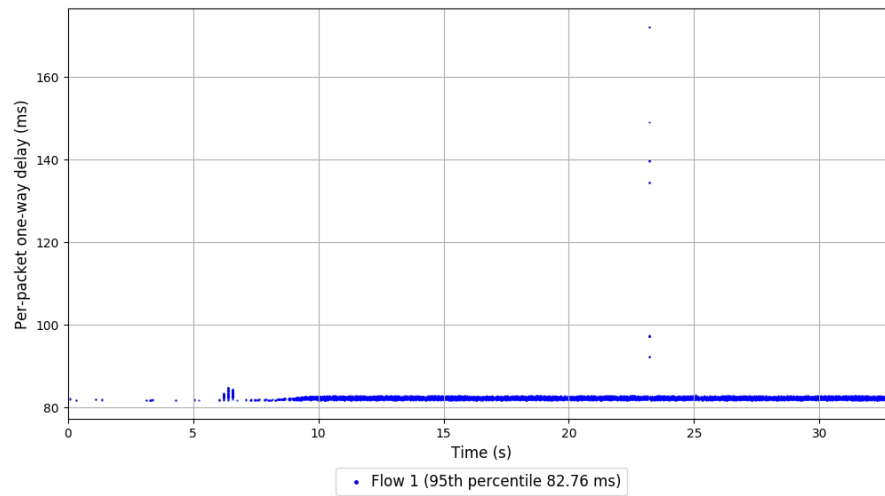
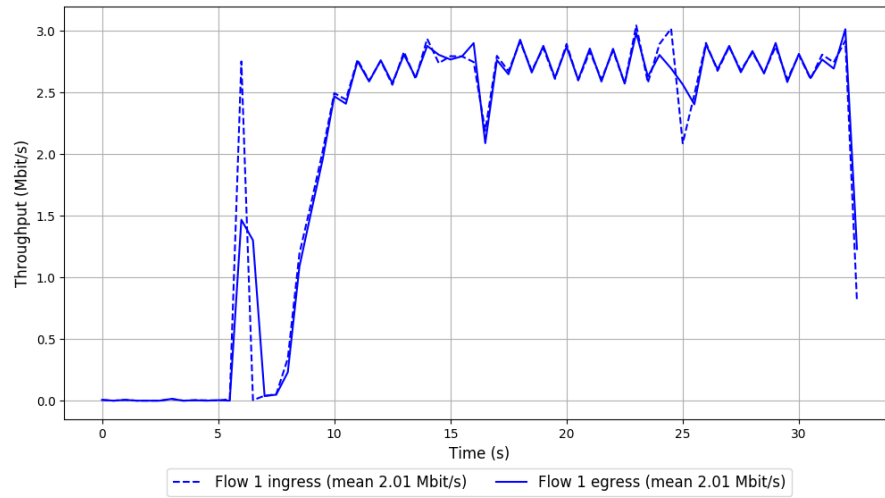


Run 8: Statistics of WebRTC media

Start at: 2018-03-13 07:12:06
End at: 2018-03-13 07:12:36
Local clock offset: -6.499 ms
Remote clock offset: -5.635 ms

Below is generated by plot.py at 2018-03-13 08:41:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.01 Mbit/s
95th percentile per-packet one-way delay: 82.757 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.01 Mbit/s
95th percentile per-packet one-way delay: 82.757 ms
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

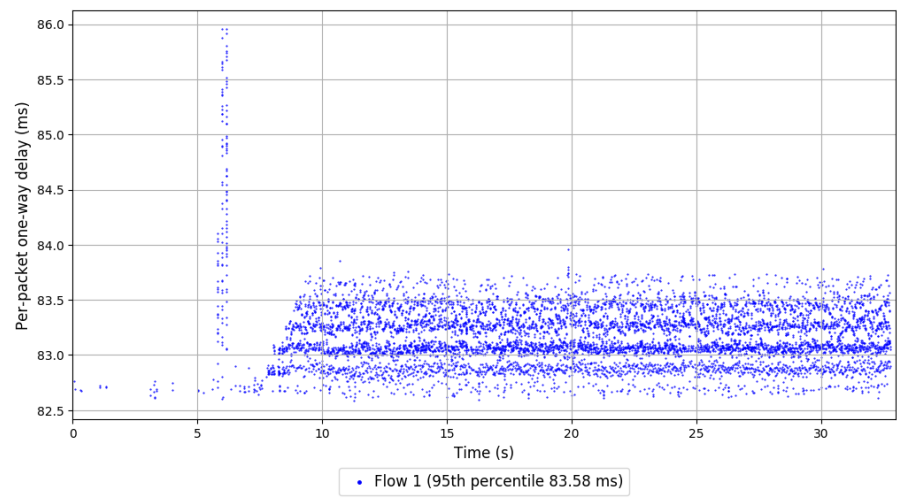
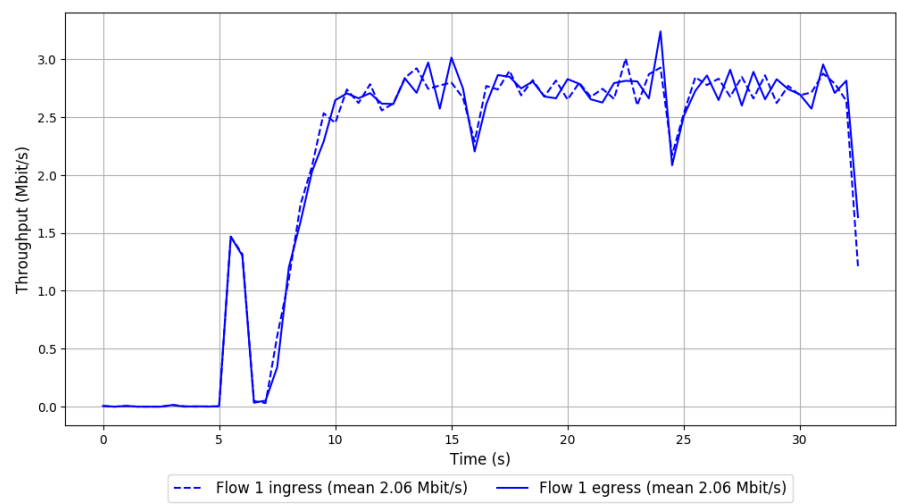


Run 9: Statistics of WebRTC media

Start at: 2018-03-13 07:34:24
End at: 2018-03-13 07:34:54
Local clock offset: -5.427 ms
Remote clock offset: -6.642 ms

Below is generated by plot.py at 2018-03-13 08:41:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.06 Mbit/s
95th percentile per-packet one-way delay: 83.575 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.06 Mbit/s
95th percentile per-packet one-way delay: 83.575 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link

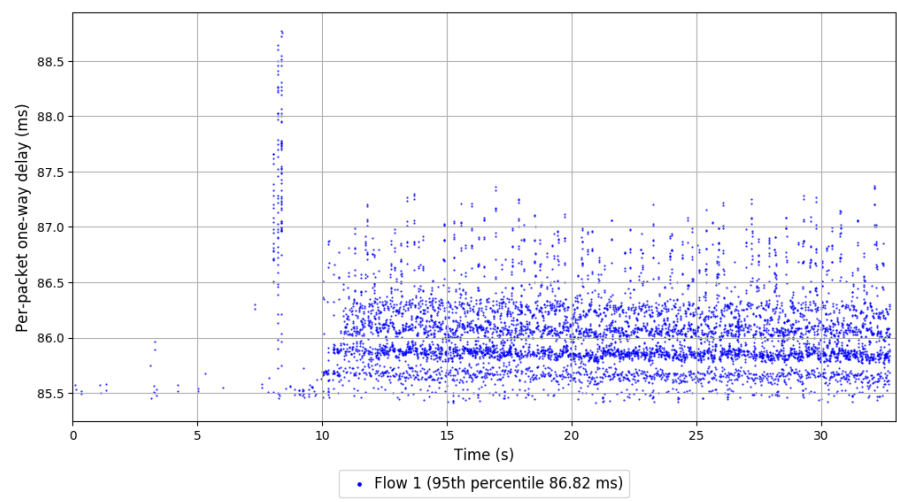
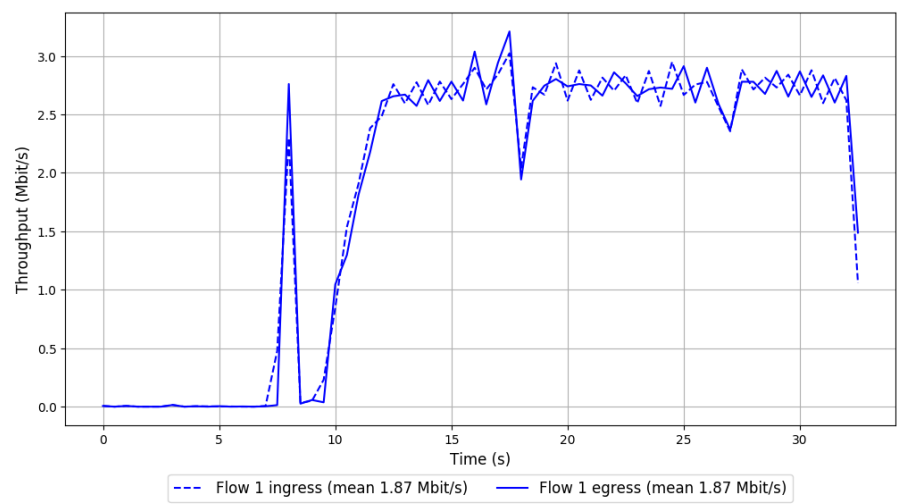


Run 10: Statistics of WebRTC media

Start at: 2018-03-13 07:56:30
End at: 2018-03-13 07:57:00
Local clock offset: -6.237 ms
Remote clock offset: -2.043 ms

Below is generated by plot.py at 2018-03-13 08:41:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.87 Mbit/s
95th percentile per-packet one-way delay: 86.820 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.87 Mbit/s
95th percentile per-packet one-way delay: 86.820 ms
Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

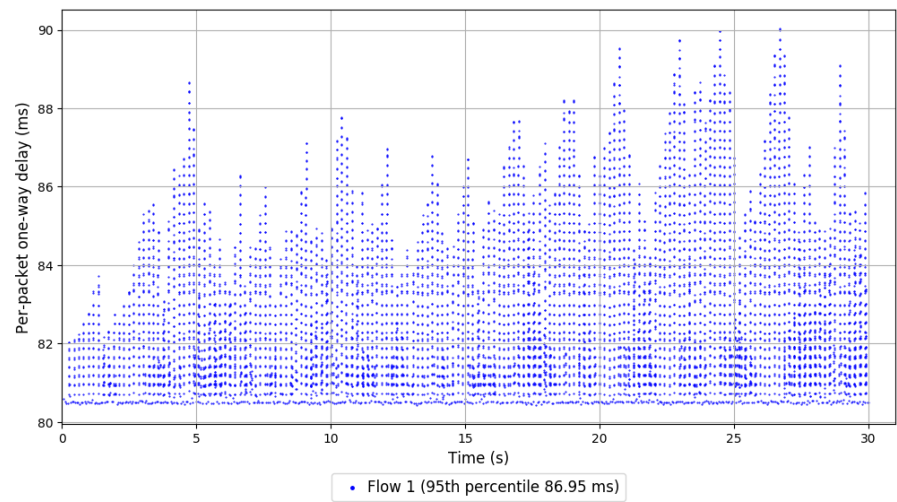
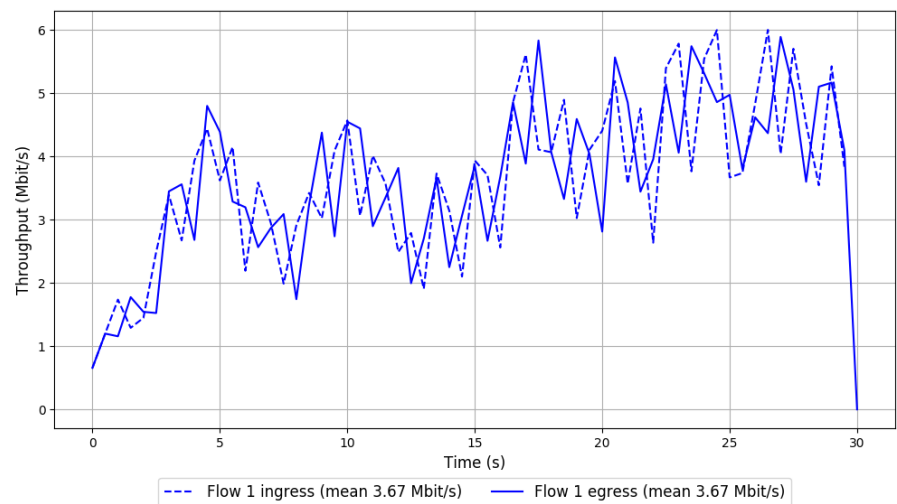


Run 1: Statistics of Sprout

Start at: 2018-03-13 04:40:55
End at: 2018-03-13 04:41:25
Local clock offset: -4.978 ms
Remote clock offset: -5.531 ms

Below is generated by plot.py at 2018-03-13 08:41:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 3.67 Mbit/s
95th percentile per-packet one-way delay: 86.948 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 3.67 Mbit/s
95th percentile per-packet one-way delay: 86.948 ms
Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

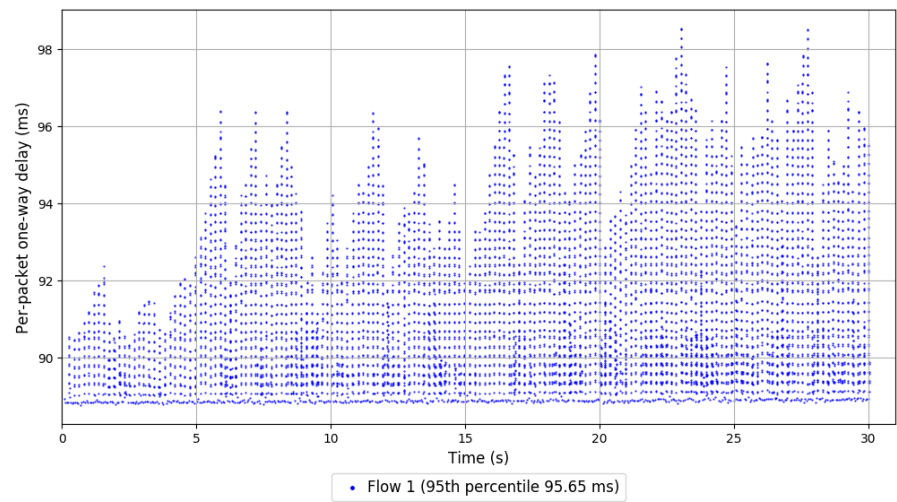
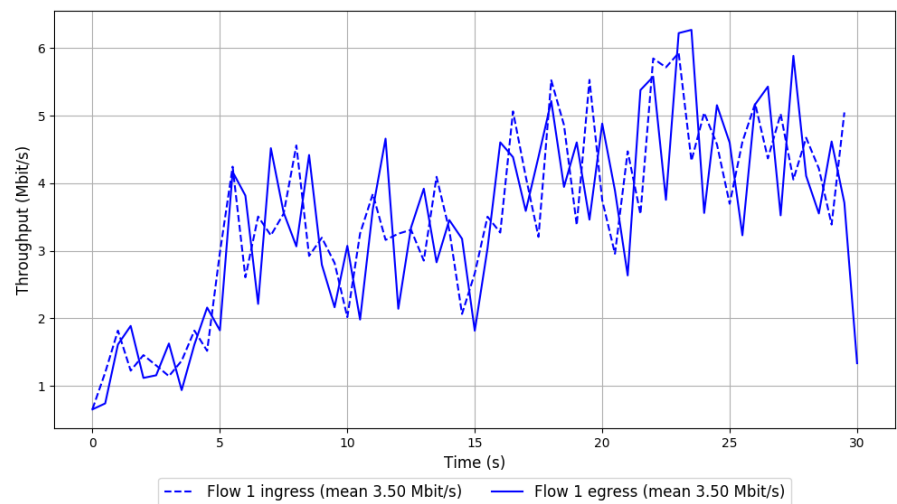


Run 2: Statistics of Sprout

Start at: 2018-03-13 05:03:14
End at: 2018-03-13 05:03:45
Local clock offset: -4.228 ms
Remote clock offset: -0.102 ms

Below is generated by plot.py at 2018-03-13 08:41:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 3.50 Mbit/s
95th percentile per-packet one-way delay: 95.648 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 3.50 Mbit/s
95th percentile per-packet one-way delay: 95.648 ms
Loss rate: 0.00%

Run 2: Report of Sprout — Data Link



Run 3: Statistics of Sprout

Start at: 2018-03-13 05:25:17

End at: 2018-03-13 05:25:47

Local clock offset: -2.709 ms

Remote clock offset: 0.561 ms

Below is generated by plot.py at 2018-03-13 08:41:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 3.23 Mbit/s

95th percentile per-packet one-way delay: 93.362 ms

Loss rate: 0.00%

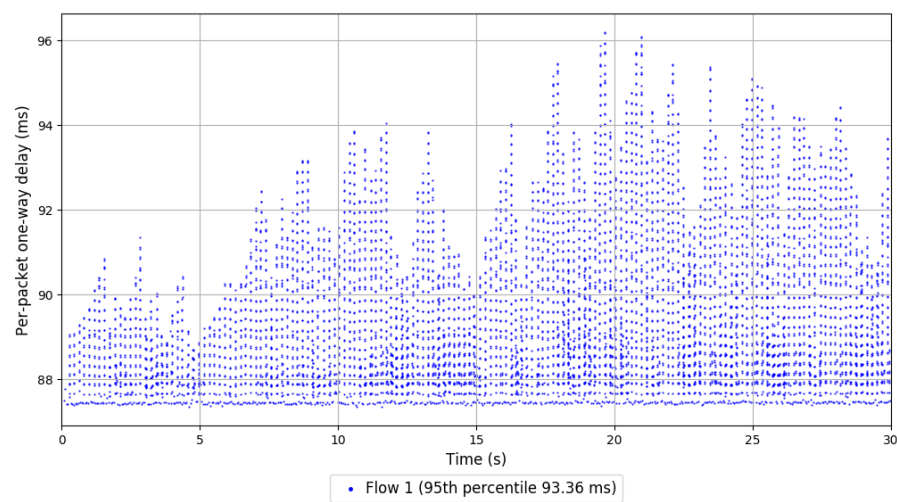
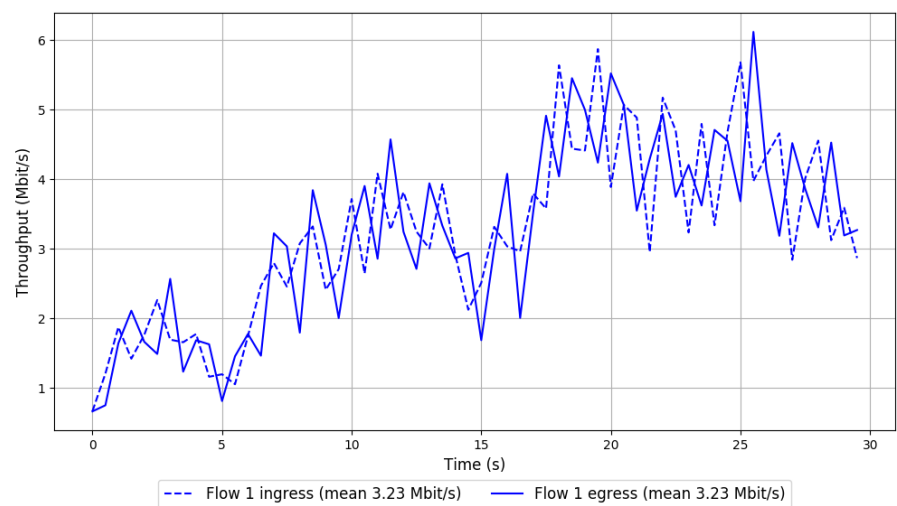
-- Flow 1:

Average throughput: 3.23 Mbit/s

95th percentile per-packet one-way delay: 93.362 ms

Loss rate: 0.00%

Run 3: Report of Sprout — Data Link

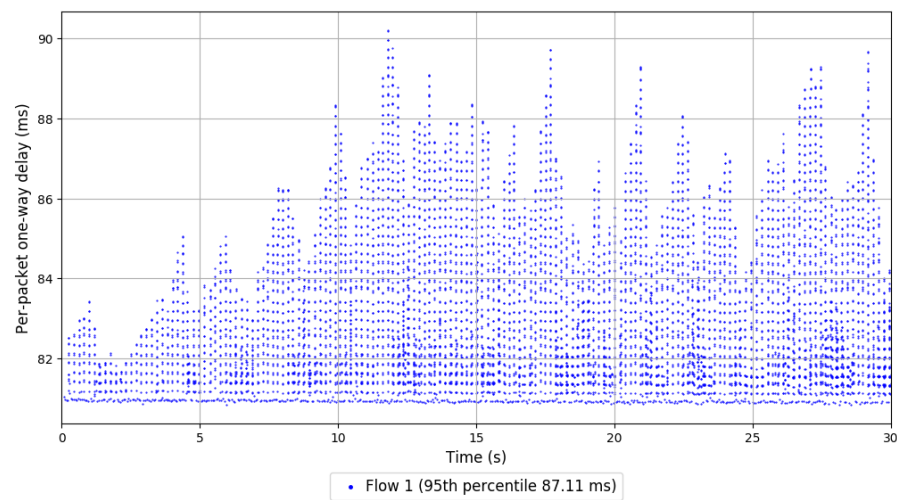
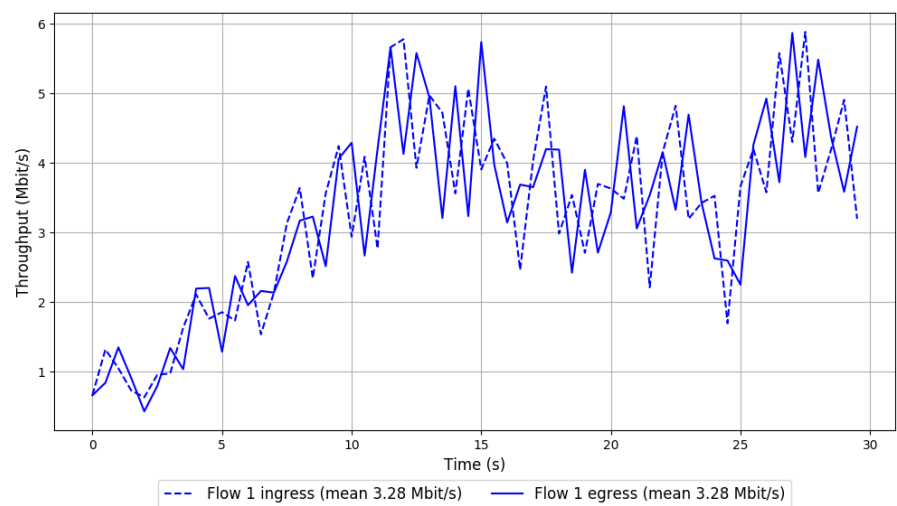


Run 4: Statistics of Sprout

Start at: 2018-03-13 05:47:18
End at: 2018-03-13 05:47:48
Local clock offset: -5.758 ms
Remote clock offset: -6.267 ms

Below is generated by plot.py at 2018-03-13 08:41:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 3.28 Mbit/s
95th percentile per-packet one-way delay: 87.113 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 3.28 Mbit/s
95th percentile per-packet one-way delay: 87.113 ms
Loss rate: 0.00%

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: 2018-03-13 06:09:20

End at: 2018-03-13 06:09:50

Local clock offset: -6.828 ms

Remote clock offset: 0.217 ms

Below is generated by plot.py at 2018-03-13 08:41:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 3.74 Mbit/s

95th percentile per-packet one-way delay: 95.586 ms

Loss rate: 0.00%

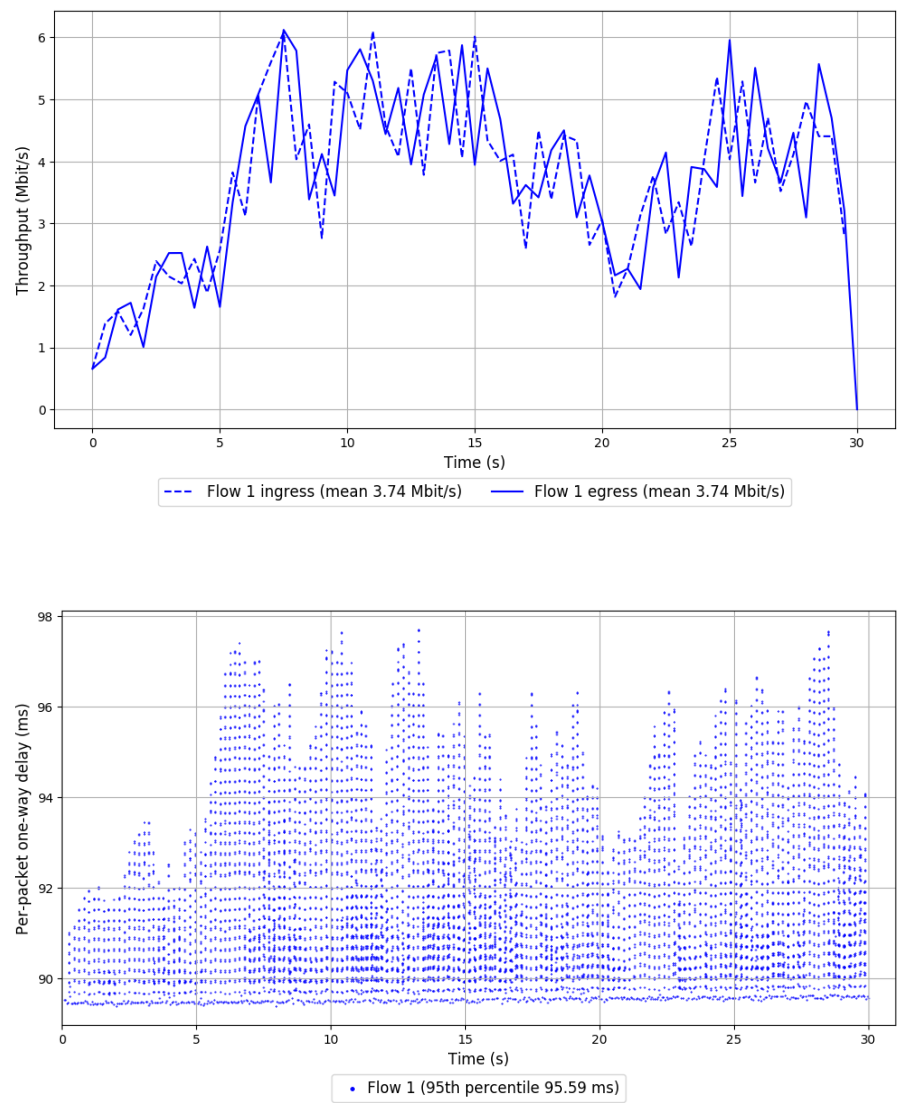
-- Flow 1:

Average throughput: 3.74 Mbit/s

95th percentile per-packet one-way delay: 95.586 ms

Loss rate: 0.00%

Run 5: Report of Sprout — Data Link

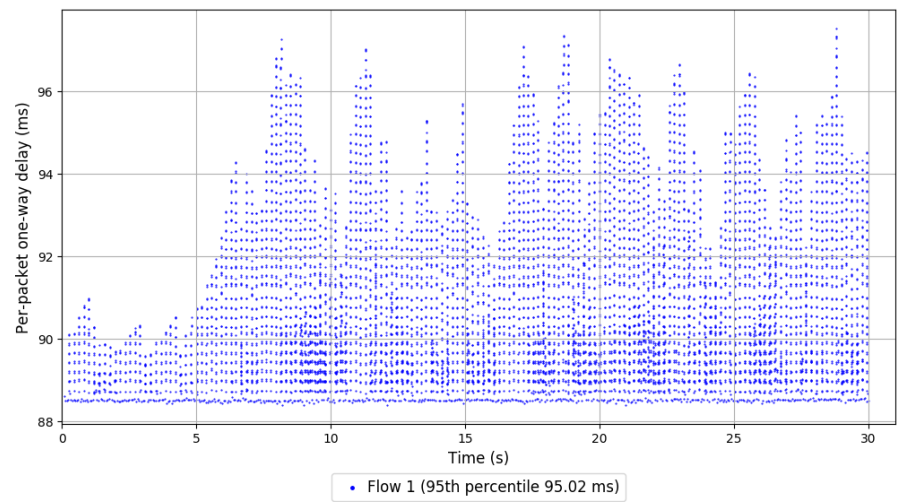
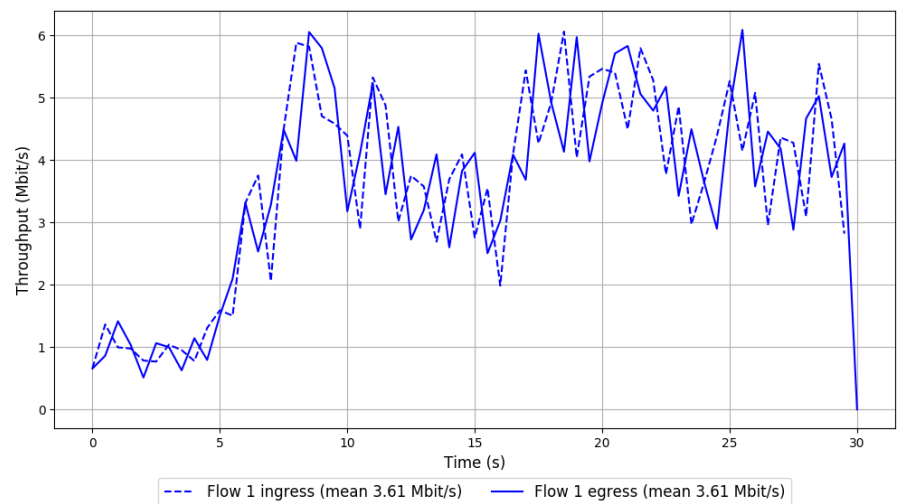


Run 6: Statistics of Sprout

Start at: 2018-03-13 06:31:23
End at: 2018-03-13 06:31:53
Local clock offset: -4.067 ms
Remote clock offset: -0.592 ms

Below is generated by plot.py at 2018-03-13 08:41:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 3.61 Mbit/s
95th percentile per-packet one-way delay: 95.019 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 3.61 Mbit/s
95th percentile per-packet one-way delay: 95.019 ms
Loss rate: 0.00%

Run 6: Report of Sprout — Data Link

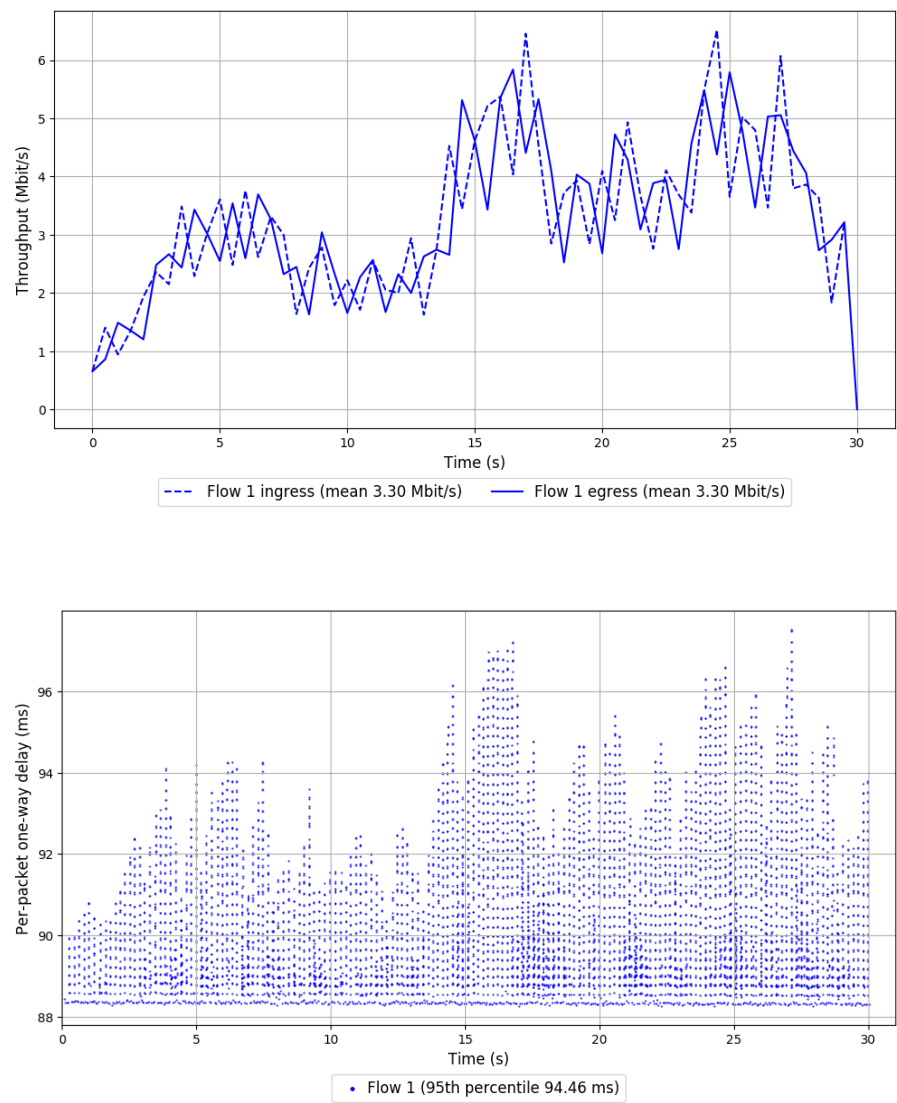


Run 7: Statistics of Sprout

Start at: 2018-03-13 06:53:25
End at: 2018-03-13 06:53:55
Local clock offset: -5.506 ms
Remote clock offset: -0.664 ms

Below is generated by plot.py at 2018-03-13 08:41:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 3.30 Mbit/s
95th percentile per-packet one-way delay: 94.462 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 3.30 Mbit/s
95th percentile per-packet one-way delay: 94.462 ms
Loss rate: 0.00%

Run 7: Report of Sprout — Data Link

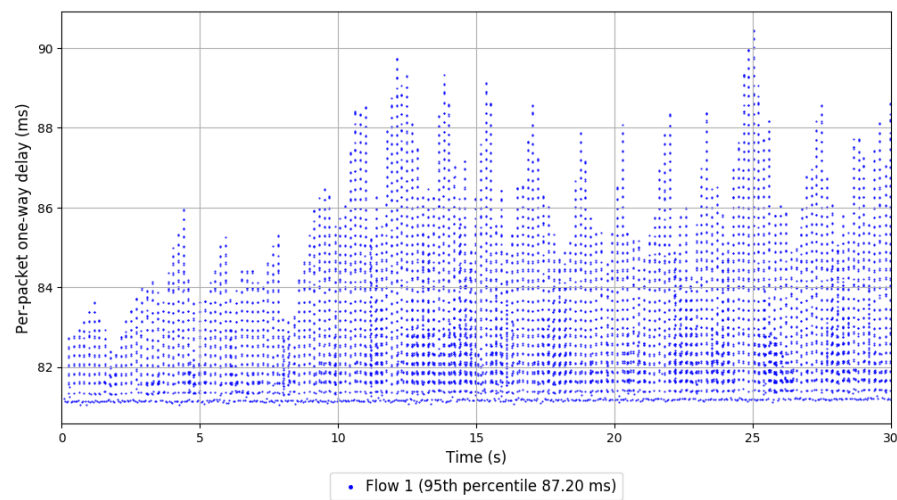
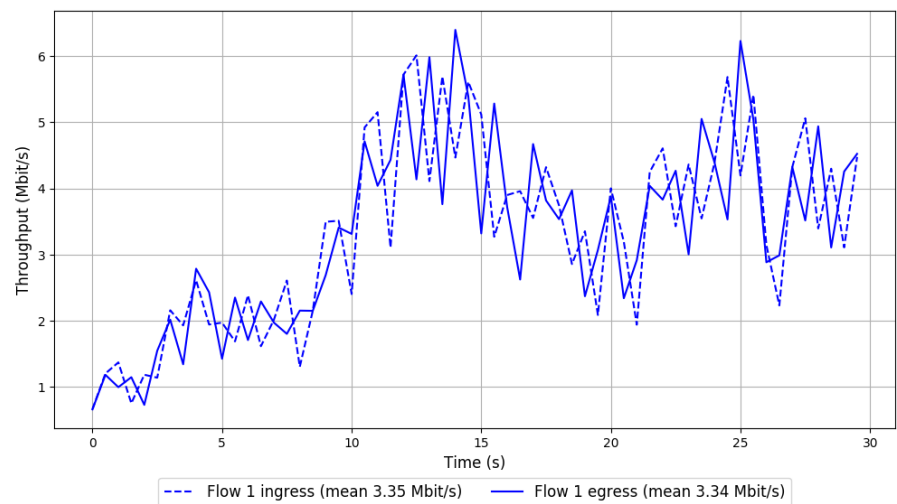


Run 8: Statistics of Sprout

Start at: 2018-03-13 07:15:42
End at: 2018-03-13 07:16:12
Local clock offset: -6.548 ms
Remote clock offset: -6.488 ms

Below is generated by plot.py at 2018-03-13 08:41:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 3.34 Mbit/s
95th percentile per-packet one-way delay: 87.200 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 3.34 Mbit/s
95th percentile per-packet one-way delay: 87.200 ms
Loss rate: 0.00%

Run 8: Report of Sprout — Data Link

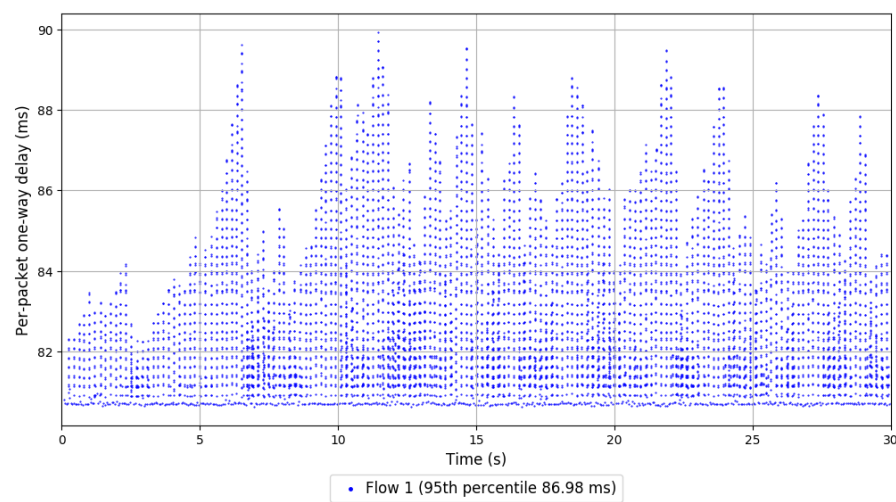
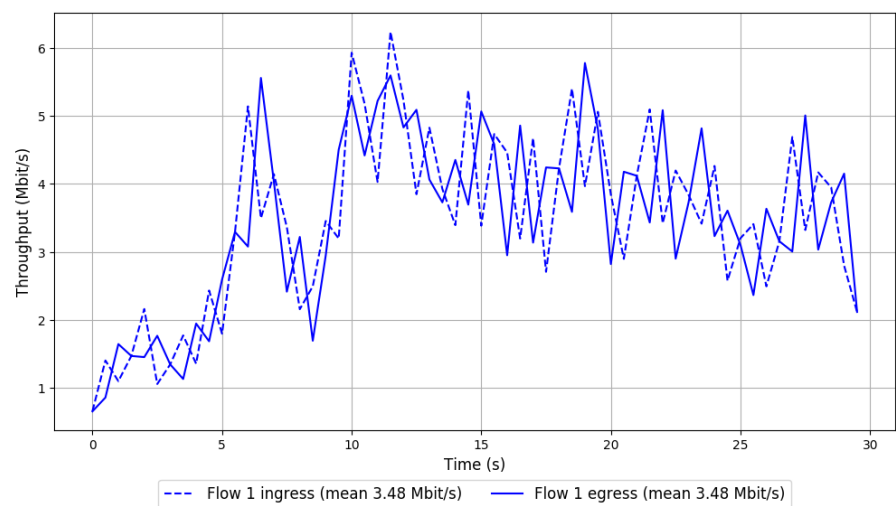


Run 9: Statistics of Sprout

Start at: 2018-03-13 07:37:59
End at: 2018-03-13 07:38:29
Local clock offset: -5.408 ms
Remote clock offset: -6.725 ms

Below is generated by plot.py at 2018-03-13 08:41:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 3.48 Mbit/s
95th percentile per-packet one-way delay: 86.983 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 3.48 Mbit/s
95th percentile per-packet one-way delay: 86.983 ms
Loss rate: 0.00%

Run 9: Report of Sprout — Data Link

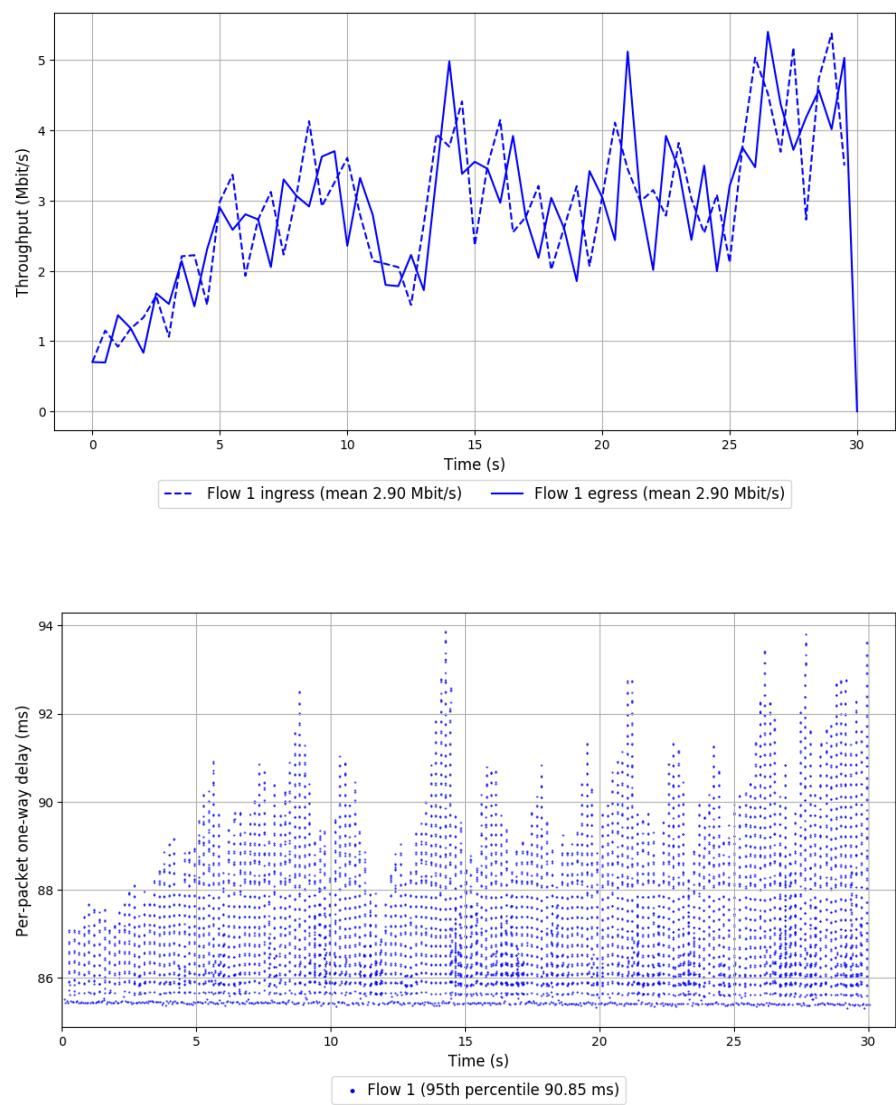


Run 10: Statistics of Sprout

Start at: 2018-03-13 08:00:05
End at: 2018-03-13 08:00:35
Local clock offset: -6.477 ms
Remote clock offset: -2.065 ms

Below is generated by plot.py at 2018-03-13 08:41:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.90 Mbit/s
95th percentile per-packet one-way delay: 90.849 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.90 Mbit/s
95th percentile per-packet one-way delay: 90.849 ms
Loss rate: 0.00%

Run 10: Report of Sprout — Data Link

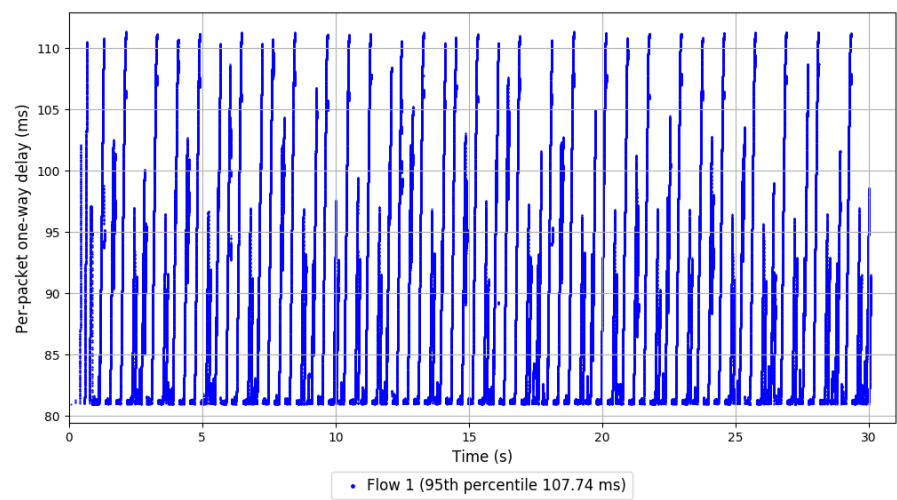
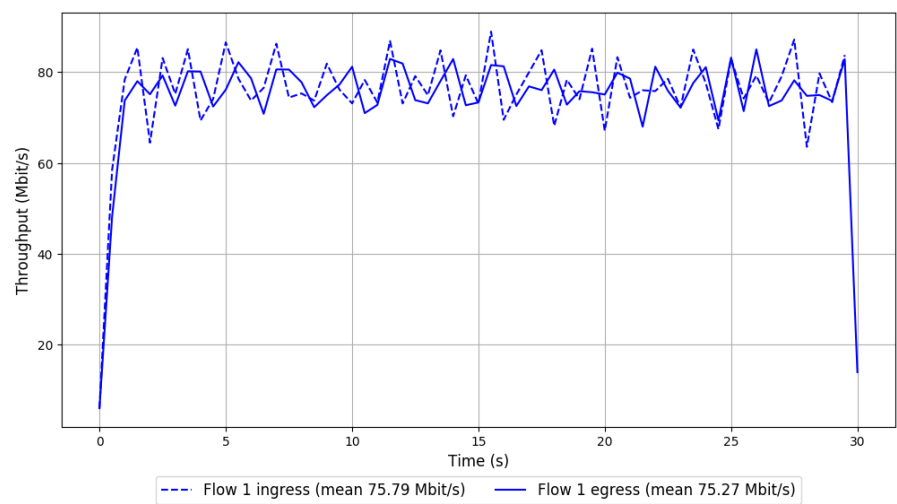


```
Run 1: Statistics of TaoVA-100x

Start at: 2018-03-13 04:47:01
End at: 2018-03-13 04:47:31
Local clock offset: -4.885 ms
Remote clock offset: -5.584 ms

# Below is generated by plot.py at 2018-03-13 08:43:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.27 Mbit/s
95th percentile per-packet one-way delay: 107.740 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 75.27 Mbit/s
95th percentile per-packet one-way delay: 107.740 ms
Loss rate: 0.65%
```

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



Run 2: Statistics of TaoVA-100x

Start at: 2018-03-13 05:09:21

End at: 2018-03-13 05:09:51

Local clock offset: -3.588 ms

Remote clock offset: -5.846 ms

Below is generated by plot.py at 2018-03-13 08:43:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.36 Mbit/s

95th percentile per-packet one-way delay: 110.217 ms

Loss rate: 0.81%

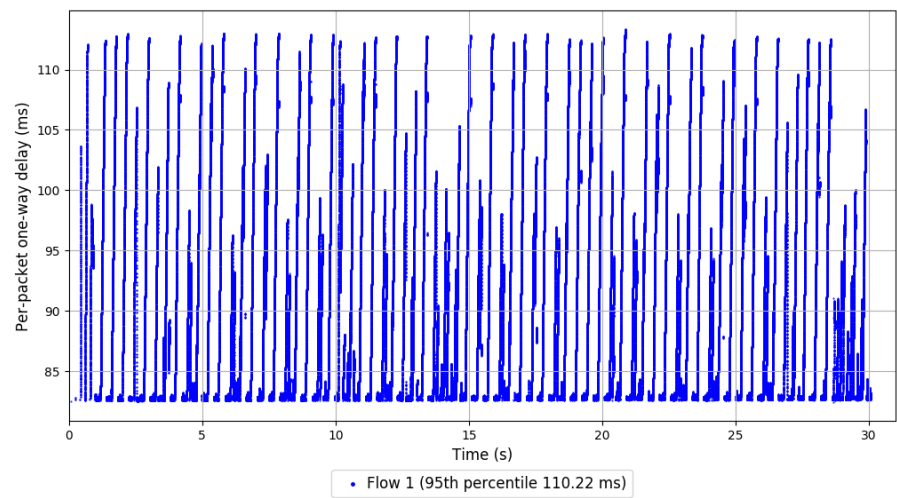
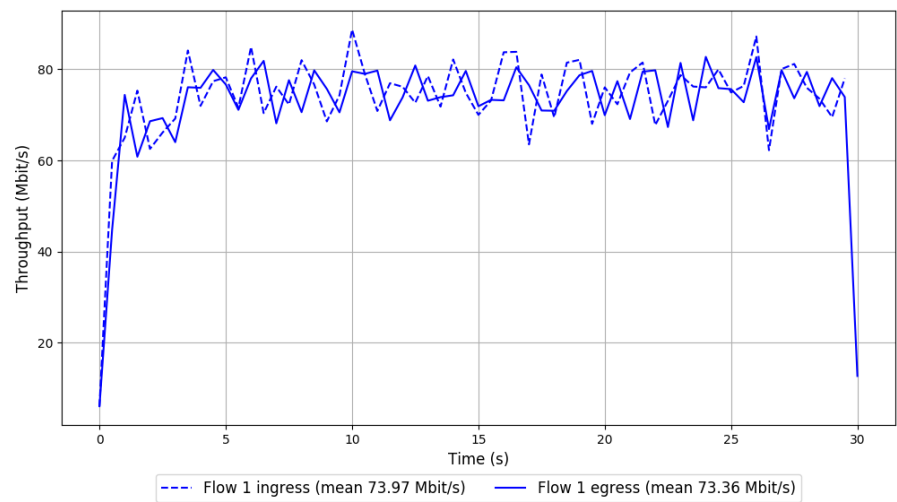
-- Flow 1:

Average throughput: 73.36 Mbit/s

95th percentile per-packet one-way delay: 110.217 ms

Loss rate: 0.81%

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



Run 3: Statistics of TaoVA-100x

Start at: 2018-03-13 05:31:24

End at: 2018-03-13 05:31:54

Local clock offset: -2.53 ms

Remote clock offset: -5.345 ms

Below is generated by plot.py at 2018-03-13 08:43:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.57 Mbit/s

95th percentile per-packet one-way delay: 111.421 ms

Loss rate: 0.73%

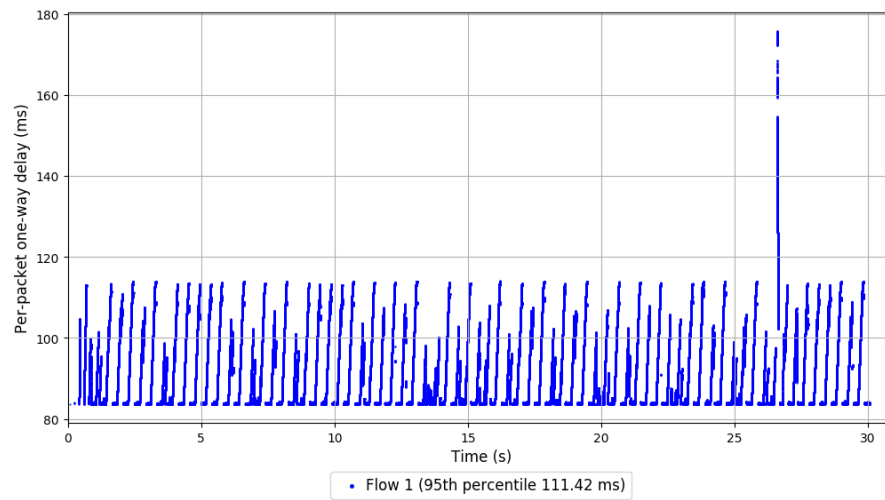
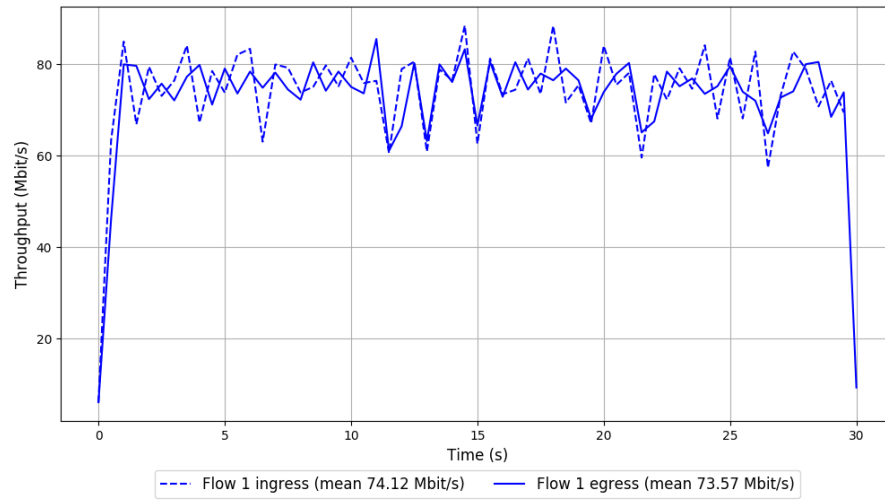
-- Flow 1:

Average throughput: 73.57 Mbit/s

95th percentile per-packet one-way delay: 111.421 ms

Loss rate: 0.73%

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



Run 4: Statistics of TaoVA-100x

Start at: 2018-03-13 05:53:25

End at: 2018-03-13 05:53:55

Local clock offset: -6.489 ms

Remote clock offset: -0.73 ms

Below is generated by plot.py at 2018-03-13 08:43:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 72.86 Mbit/s

95th percentile per-packet one-way delay: 116.796 ms

Loss rate: 0.81%

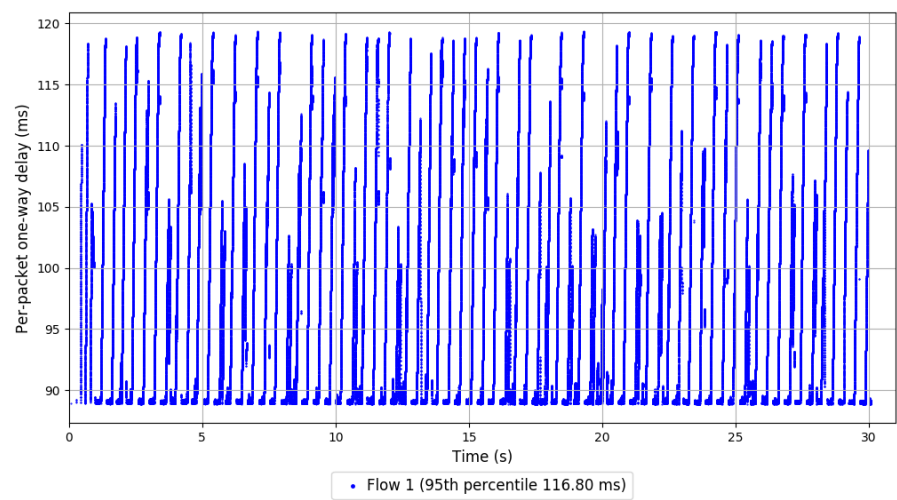
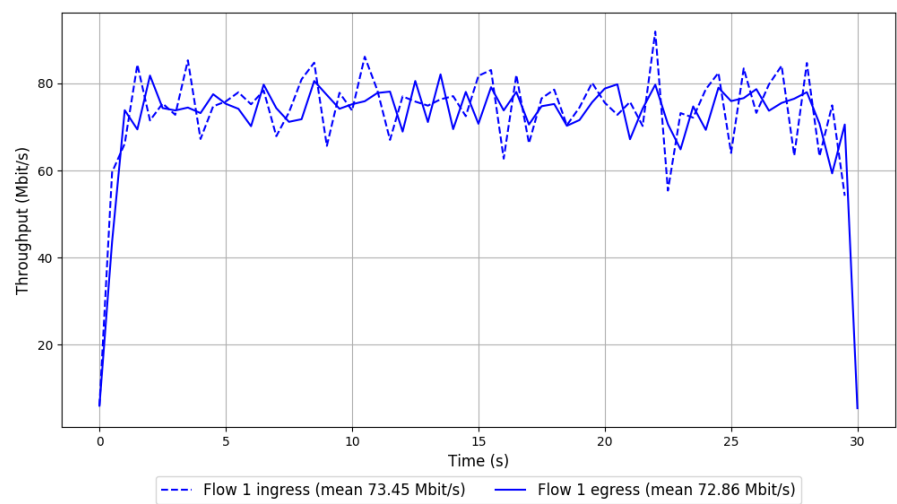
-- Flow 1:

Average throughput: 72.86 Mbit/s

95th percentile per-packet one-way delay: 116.796 ms

Loss rate: 0.81%

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



Run 5: Statistics of TaoVA-100x

Start at: 2018-03-13 06:15:27

End at: 2018-03-13 06:15:57

Local clock offset: -5.29 ms

Remote clock offset: -6.505 ms

Below is generated by plot.py at 2018-03-13 08:43:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.30 Mbit/s

95th percentile per-packet one-way delay: 107.504 ms

Loss rate: 0.60%

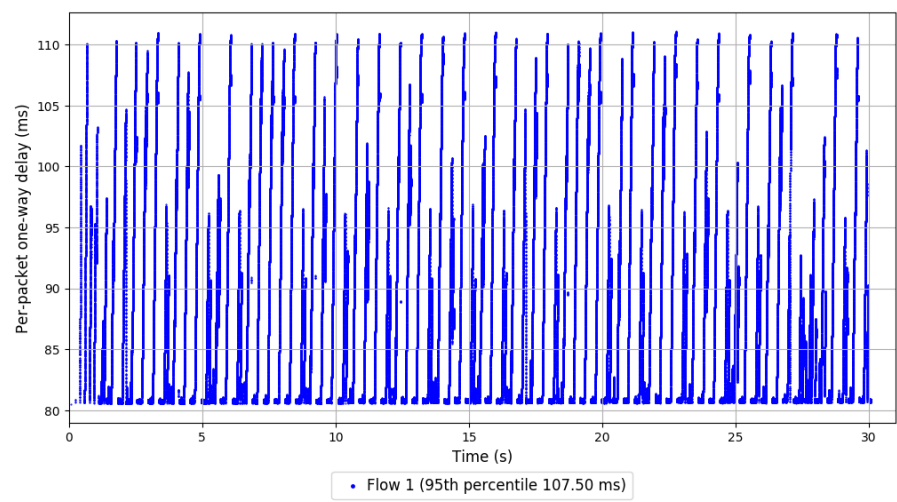
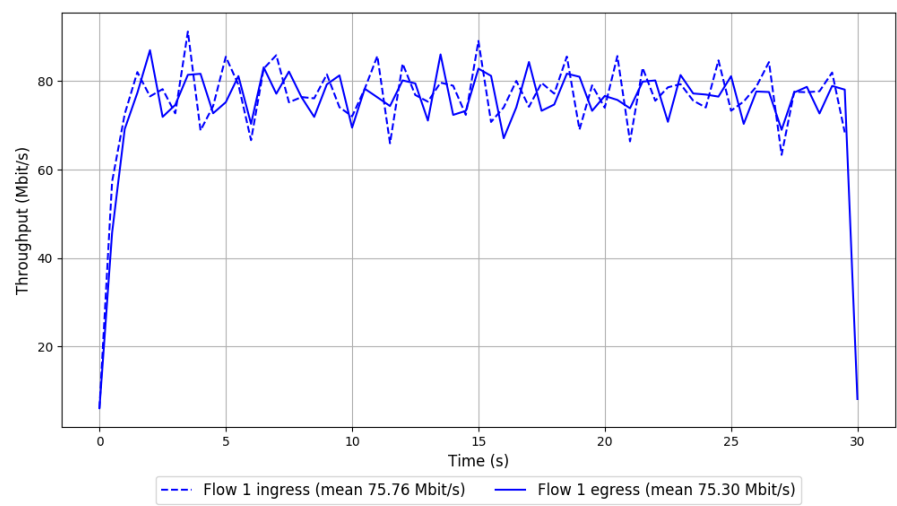
-- Flow 1:

Average throughput: 75.30 Mbit/s

95th percentile per-packet one-way delay: 107.504 ms

Loss rate: 0.60%

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

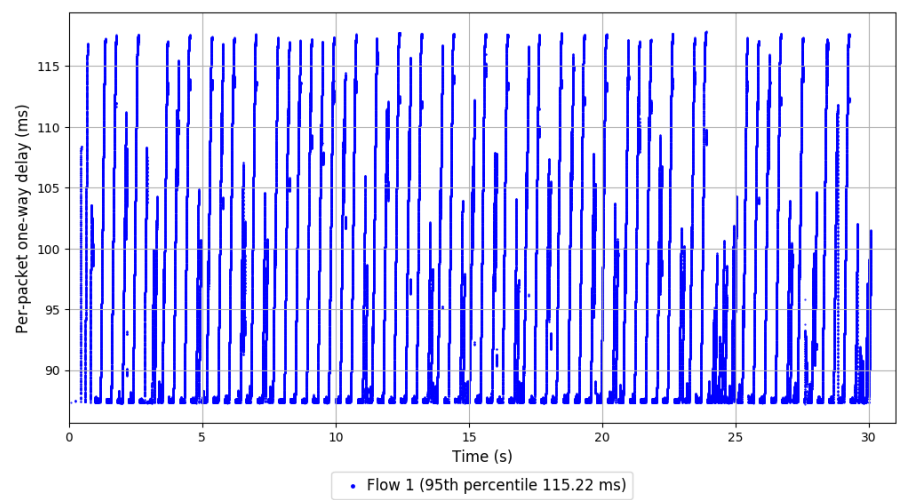
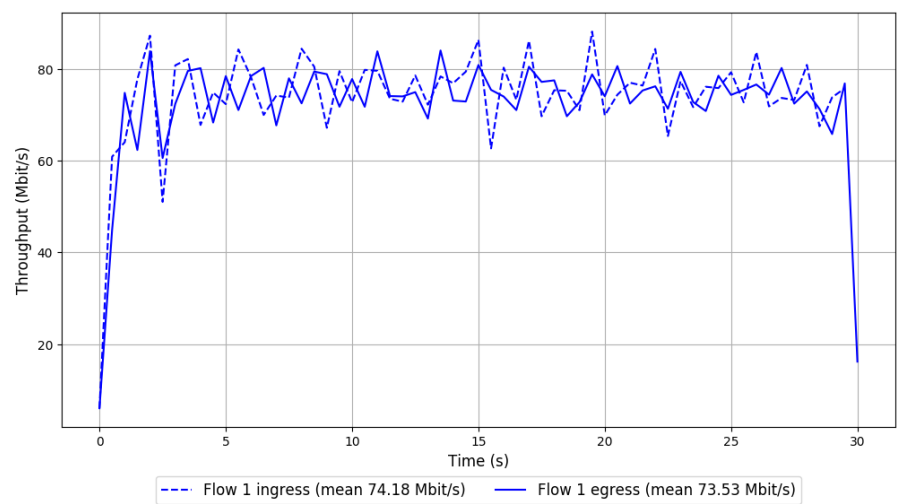


Run 6: Statistics of TaoVA-100x

Start at: 2018-03-13 06:37:30
End at: 2018-03-13 06:38:00
Local clock offset: -3.938 ms
Remote clock offset: -0.656 ms

Below is generated by plot.py at 2018-03-13 08:43:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 73.53 Mbit/s
95th percentile per-packet one-way delay: 115.219 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 73.53 Mbit/s
95th percentile per-packet one-way delay: 115.219 ms
Loss rate: 0.83%

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



Run 7: Statistics of TaoVA-100x

Start at: 2018-03-13 06:59:31

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

Local clock offset: -5.941 ms

Remote clock offset: 0.165 ms

Below is generated by plot.py at 2018-03-13 08:43:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 74.70 Mbit/s

95th percentile per-packet one-way delay: 115.809 ms

Loss rate: 0.66%

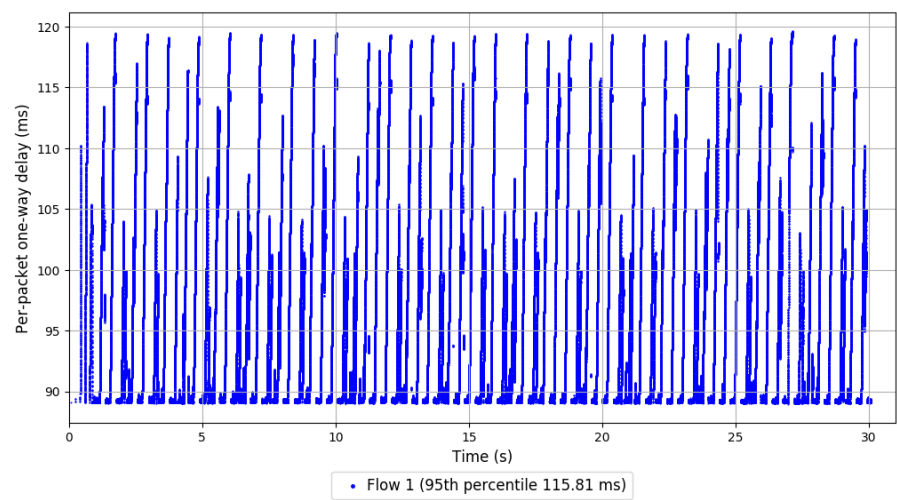
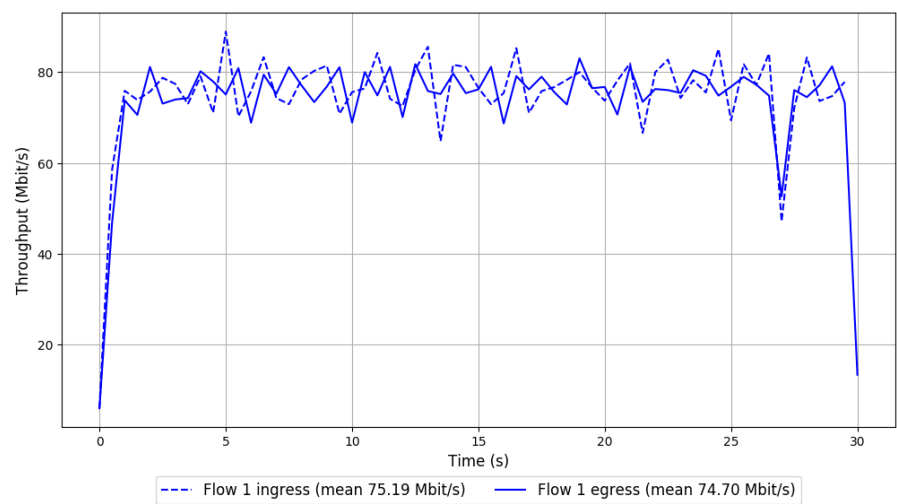
-- Flow 1:

Average throughput: 74.70 Mbit/s

95th percentile per-packet one-way delay: 115.809 ms

Loss rate: 0.66%

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



Run 8: Statistics of TaoVA-100x

Start at: 2018-03-13 07:21:48

End at: 2018-03-13 07:22:18

Local clock offset: -5.908 ms

Remote clock offset: -6.476 ms

Below is generated by plot.py at 2018-03-13 08:44:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 74.59 Mbit/s

95th percentile per-packet one-way delay: 109.378 ms

Loss rate: 0.66%

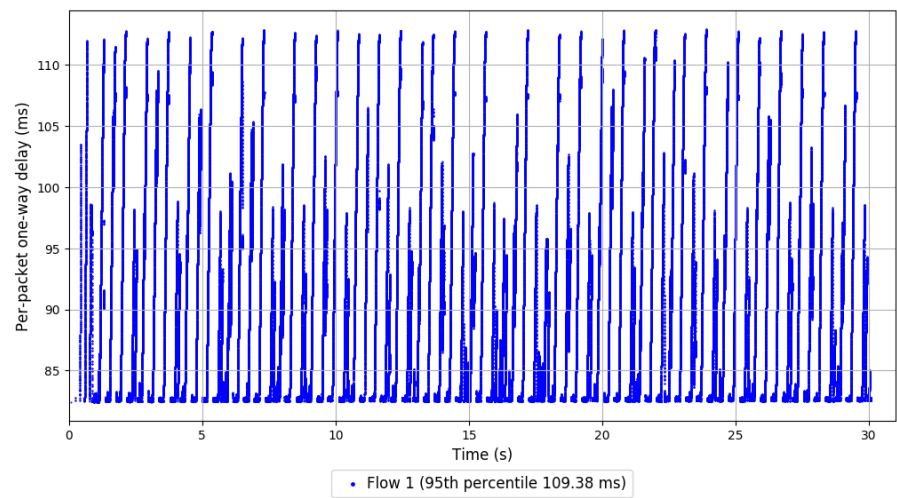
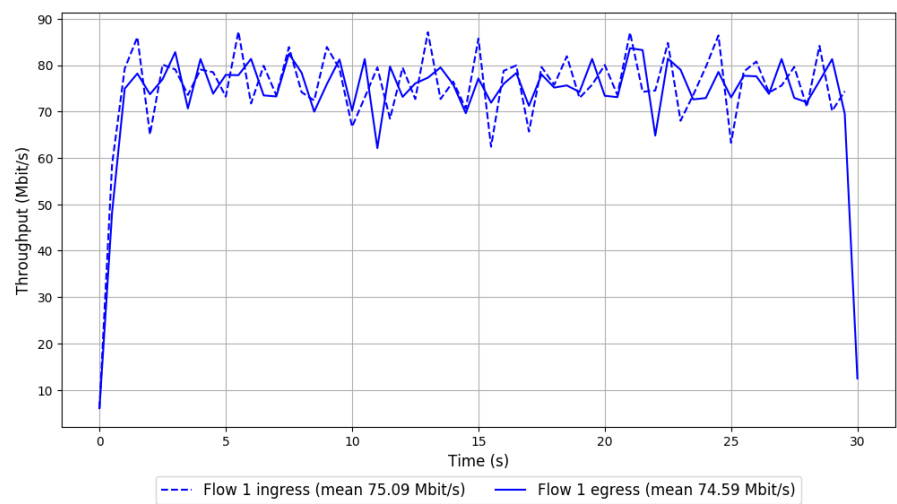
-- Flow 1:

Average throughput: 74.59 Mbit/s

95th percentile per-packet one-way delay: 109.378 ms

Loss rate: 0.66%

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

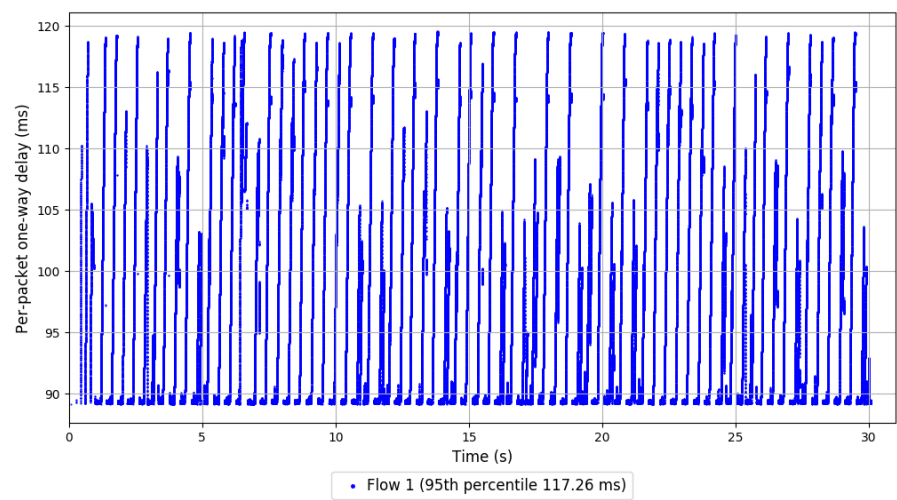
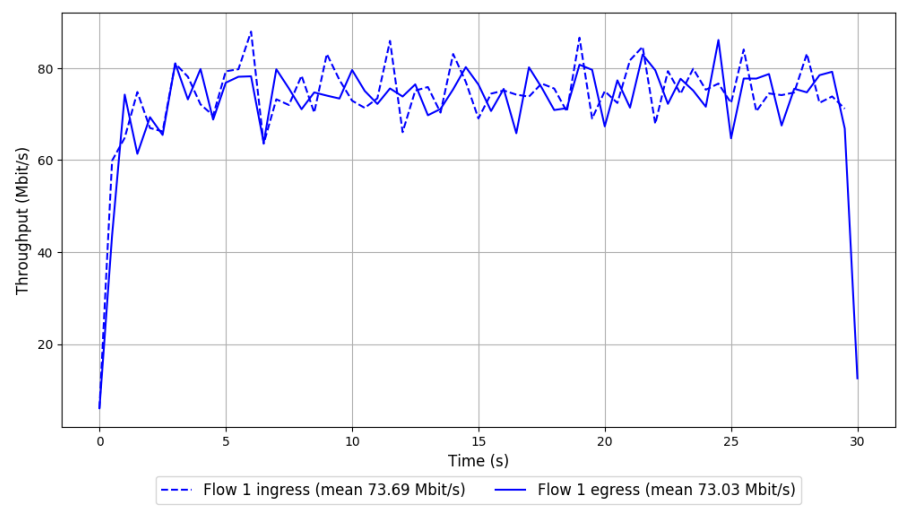


Run 9: Statistics of TaoVA-100x

Start at: 2018-03-13 07:44:05
End at: 2018-03-13 07:44:35
Local clock offset: -5.367 ms
Remote clock offset: -0.119 ms

Below is generated by plot.py at 2018-03-13 08:45:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 73.03 Mbit/s
95th percentile per-packet one-way delay: 117.264 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 73.03 Mbit/s
95th percentile per-packet one-way delay: 117.264 ms
Loss rate: 0.89%

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



Run 10: Statistics of TaoVA-100x

Start at: 2018-03-13 08:06:12

End at: 2018-03-13 08:06:42

Local clock offset: -6.832 ms

Remote clock offset: -0.998 ms

Below is generated by plot.py at 2018-03-13 08:45:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 74.10 Mbit/s

95th percentile per-packet one-way delay: 116.366 ms

Loss rate: 0.87%

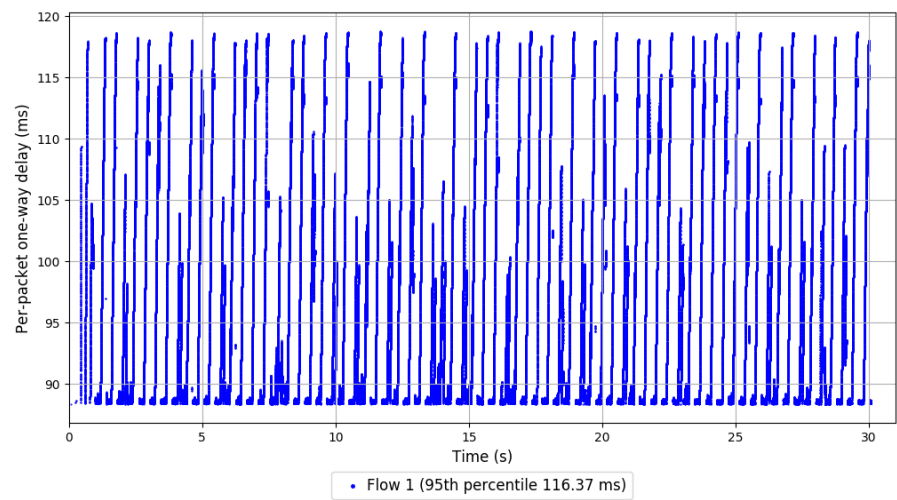
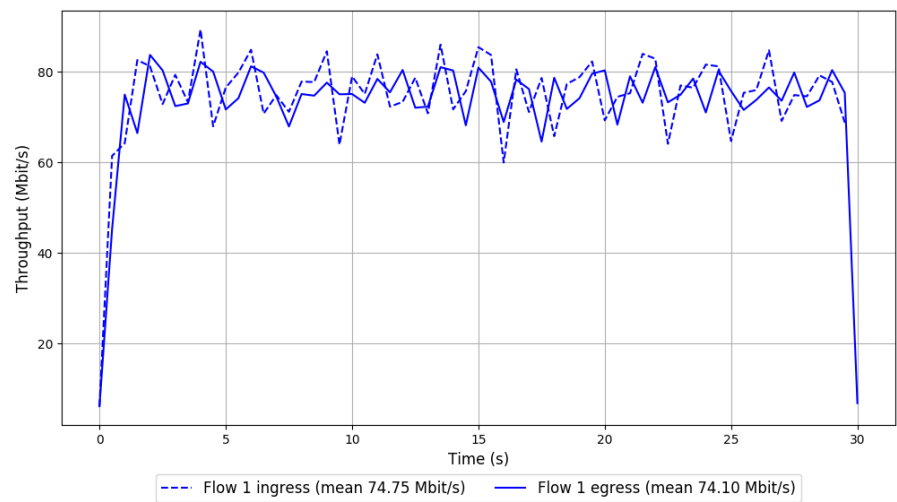
-- Flow 1:

Average throughput: 74.10 Mbit/s

95th percentile per-packet one-way delay: 116.366 ms

Loss rate: 0.87%

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



Run 1: Statistics of TCP Vegas

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

End at: 2018-03-13 04:36:38

Local clock offset: -5.002 ms

Remote clock offset: 0.174 ms

Below is generated by plot.py at 2018-03-13 08:45:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 45.25 Mbit/s

95th percentile per-packet one-way delay: 87.302 ms

Loss rate: 0.27%

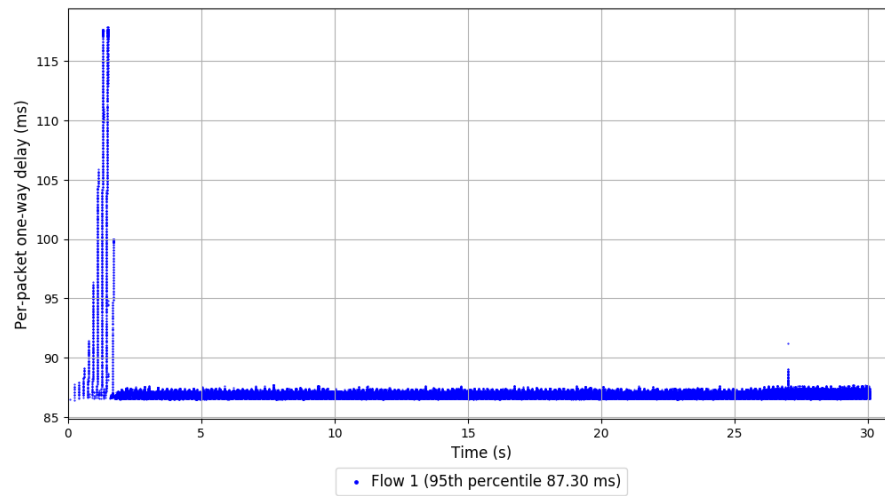
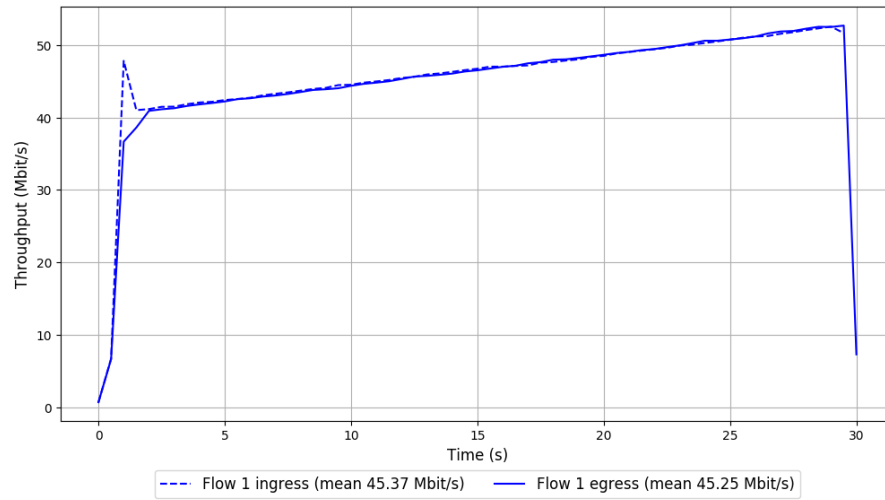
-- Flow 1:

Average throughput: 45.25 Mbit/s

95th percentile per-packet one-way delay: 87.302 ms

Loss rate: 0.27%

Run 1: Report of TCP Vegas — Data Link

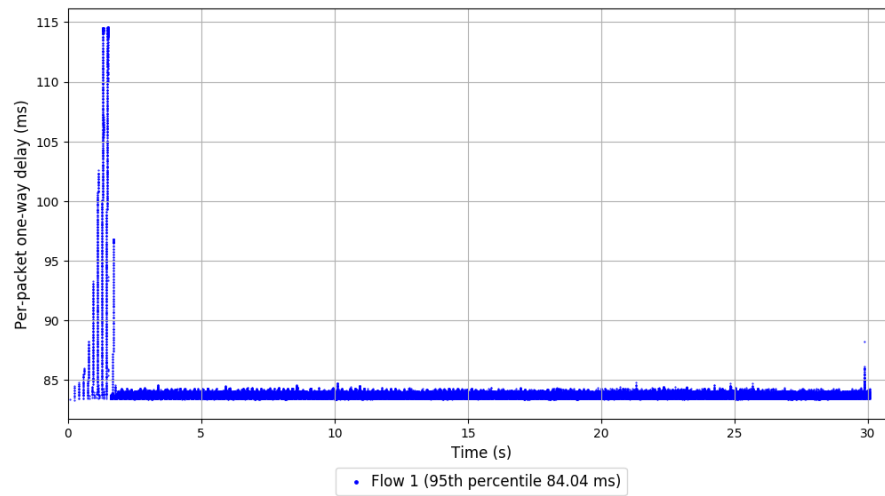
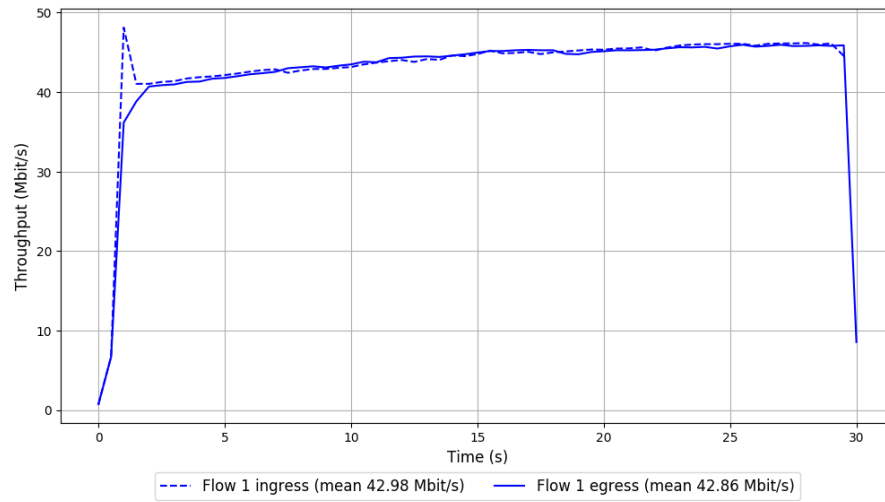


Run 2: Statistics of TCP Vegas

Start at: 2018-03-13 04:58:28
End at: 2018-03-13 04:58:58
Local clock offset: -4.981 ms
Remote clock offset: -5.632 ms

Below is generated by plot.py at 2018-03-13 08:45:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 42.86 Mbit/s
95th percentile per-packet one-way delay: 84.037 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 42.86 Mbit/s
95th percentile per-packet one-way delay: 84.037 ms
Loss rate: 0.29%

Run 2: Report of TCP Vegas — Data Link

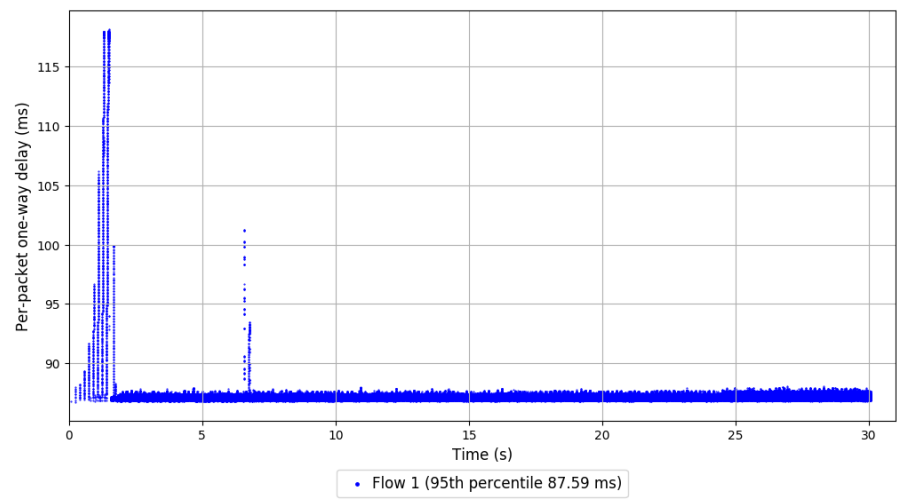
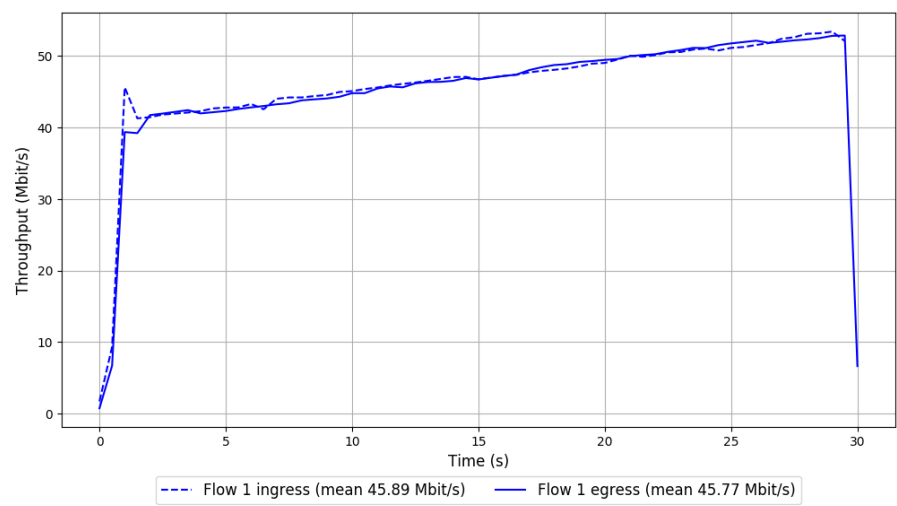


Run 3: Statistics of TCP Vegas

Start at: 2018-03-13 05:20:30
End at: 2018-03-13 05:21:00
Local clock offset: -2.929 ms
Remote clock offset: -0.324 ms

Below is generated by plot.py at 2018-03-13 08:45:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 45.77 Mbit/s
95th percentile per-packet one-way delay: 87.592 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 45.77 Mbit/s
95th percentile per-packet one-way delay: 87.592 ms
Loss rate: 0.27%

Run 3: Report of TCP Vegas — Data Link

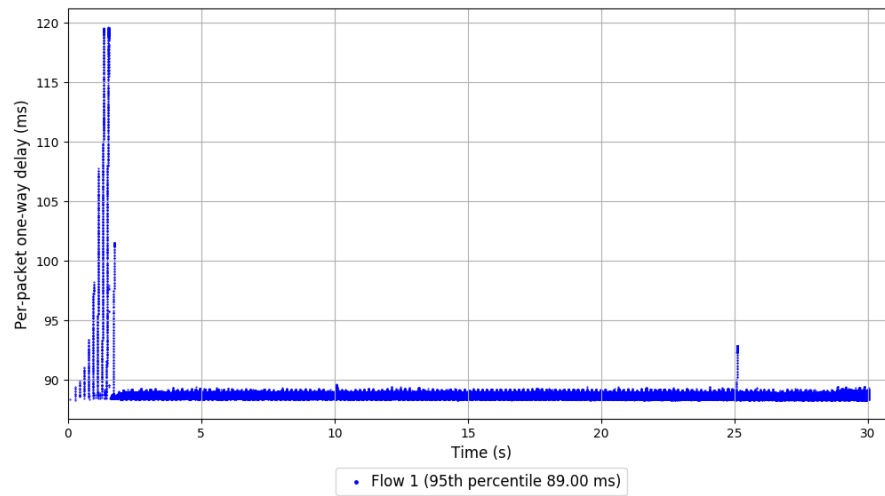
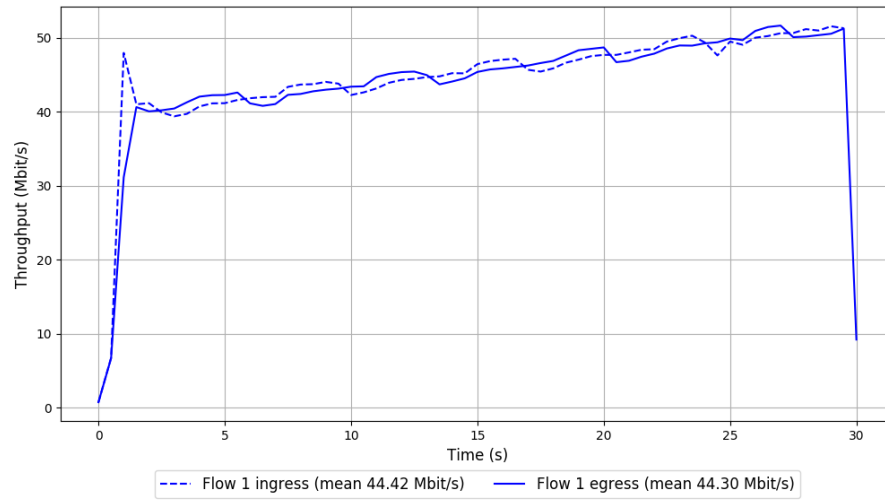


Run 4: Statistics of TCP Vegas

Start at: 2018-03-13 05:42:32
End at: 2018-03-13 05:43:02
Local clock offset: -5.023 ms
Remote clock offset: -0.487 ms

Below is generated by plot.py at 2018-03-13 08:45:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 44.30 Mbit/s
95th percentile per-packet one-way delay: 88.999 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 44.30 Mbit/s
95th percentile per-packet one-way delay: 88.999 ms
Loss rate: 0.27%

Run 4: Report of TCP Vegas — Data Link

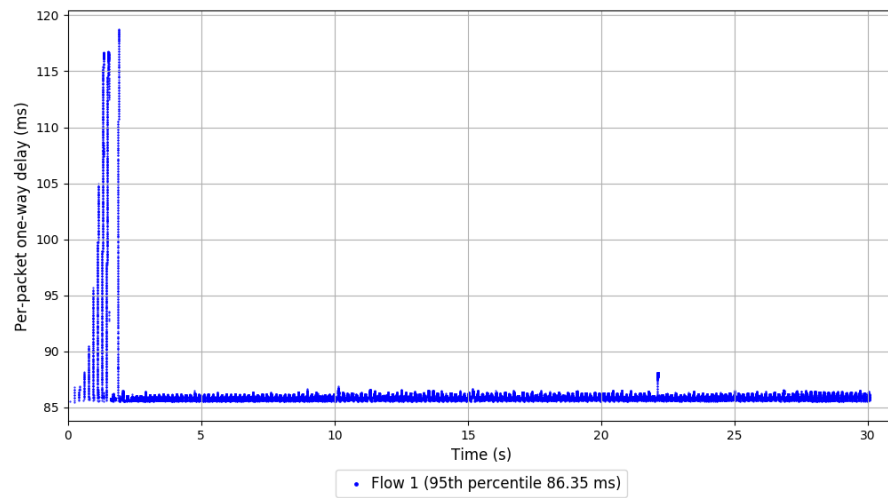
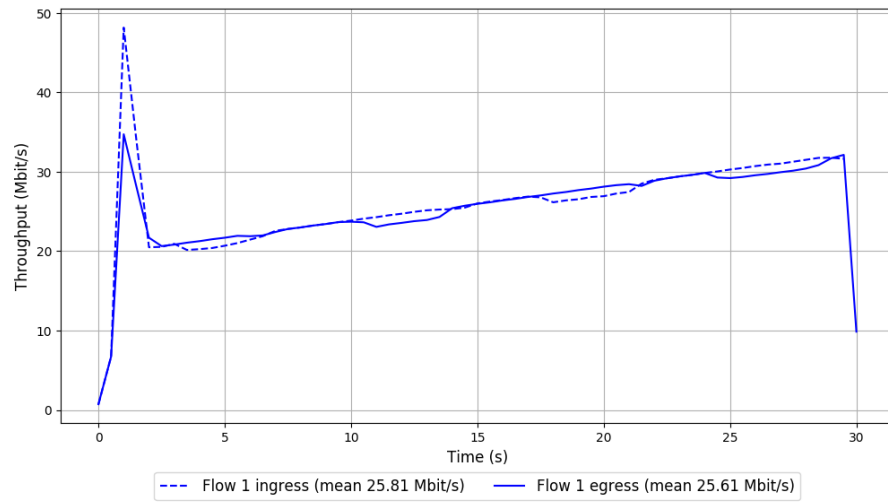


Run 5: Statistics of TCP Vegas

Start at: 2018-03-13 06:04:34
End at: 2018-03-13 06:05:04
Local clock offset: -7.162 ms
Remote clock offset: -1.631 ms

Below is generated by plot.py at 2018-03-13 08:45:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 25.61 Mbit/s
95th percentile per-packet one-way delay: 86.347 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 25.61 Mbit/s
95th percentile per-packet one-way delay: 86.347 ms
Loss rate: 0.78%

Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: 2018-03-13 06:26:36

End at: 2018-03-13 06:27:06

Local clock offset: -4.245 ms

Remote clock offset: 0.162 ms

Below is generated by plot.py at 2018-03-13 08:45:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 45.29 Mbit/s

95th percentile per-packet one-way delay: 87.943 ms

Loss rate: 0.27%

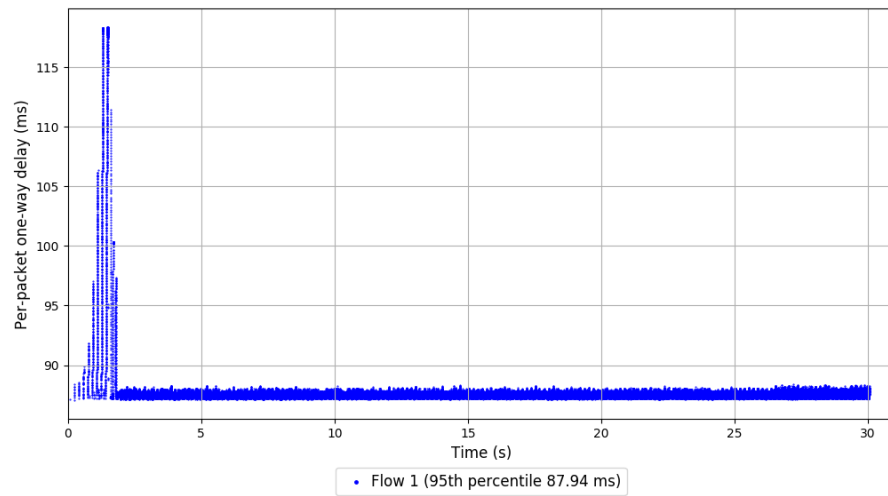
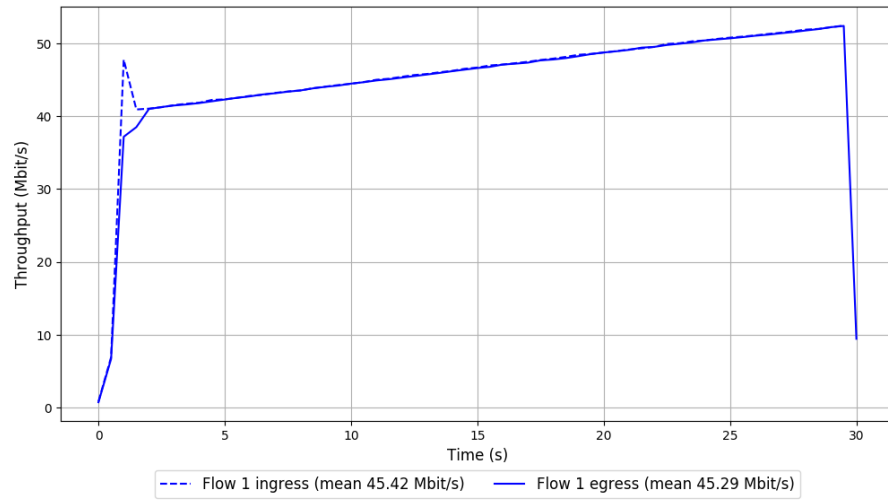
-- Flow 1:

Average throughput: 45.29 Mbit/s

95th percentile per-packet one-way delay: 87.943 ms

Loss rate: 0.27%

Run 6: Report of TCP Vegas — Data Link

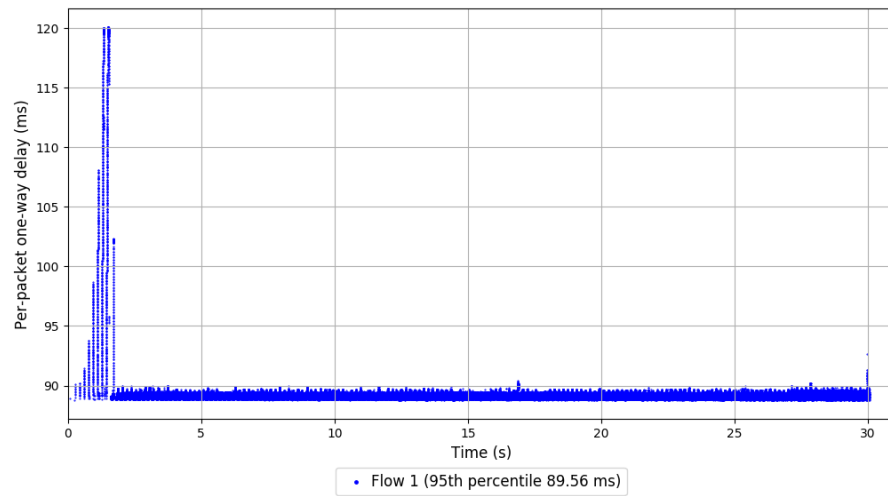
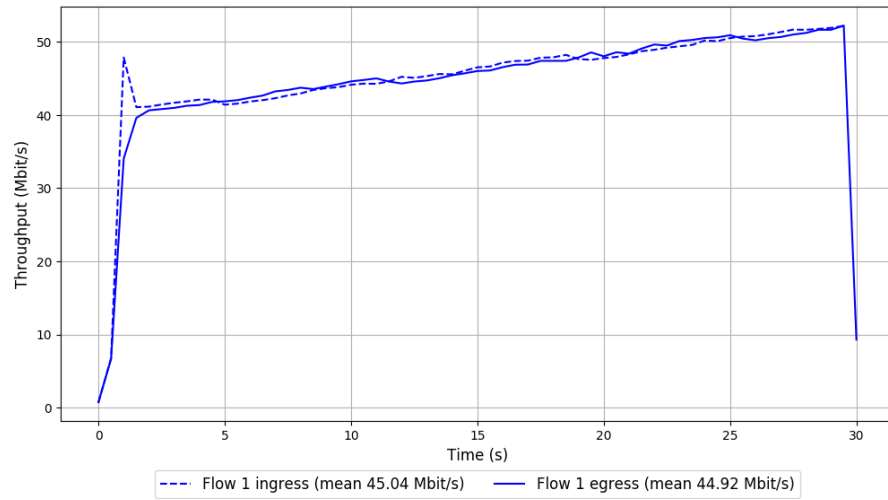


Run 7: Statistics of TCP Vegas

Start at: 2018-03-13 06:48:38
End at: 2018-03-13 06:49:08
Local clock offset: -5.134 ms
Remote clock offset: 0.114 ms

Below is generated by plot.py at 2018-03-13 08:45:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 44.92 Mbit/s
95th percentile per-packet one-way delay: 89.557 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 44.92 Mbit/s
95th percentile per-packet one-way delay: 89.557 ms
Loss rate: 0.27%

Run 7: Report of TCP Vegas — Data Link



Run 8: Statistics of TCP Vegas

Start at: 2018-03-13 07:10:54

End at: 2018-03-13 07:11:24

Local clock offset: -6.469 ms

Remote clock offset: 0.164 ms

Below is generated by plot.py at 2018-03-13 08:45:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 45.41 Mbit/s

95th percentile per-packet one-way delay: 88.233 ms

Loss rate: 0.28%

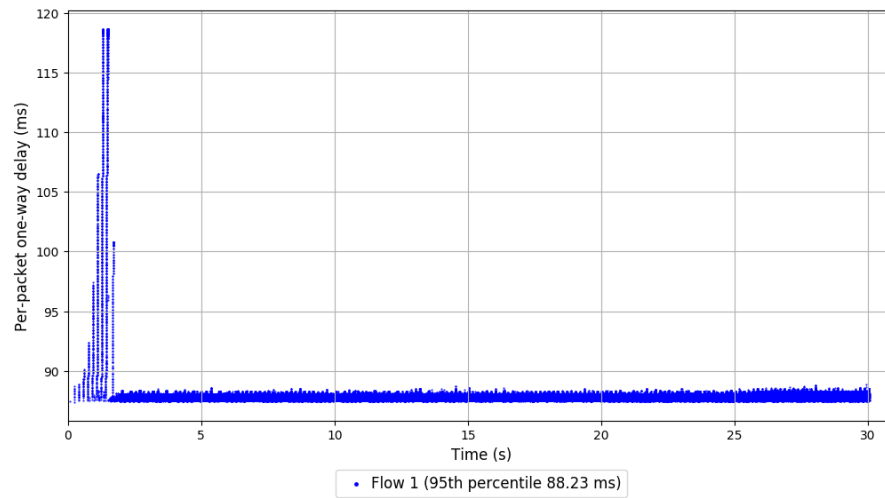
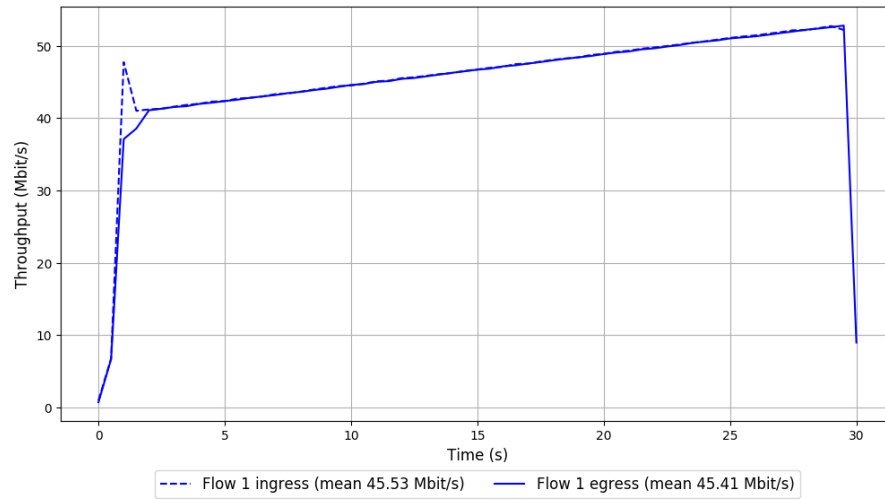
-- Flow 1:

Average throughput: 45.41 Mbit/s

95th percentile per-packet one-way delay: 88.233 ms

Loss rate: 0.28%

Run 8: Report of TCP Vegas — Data Link

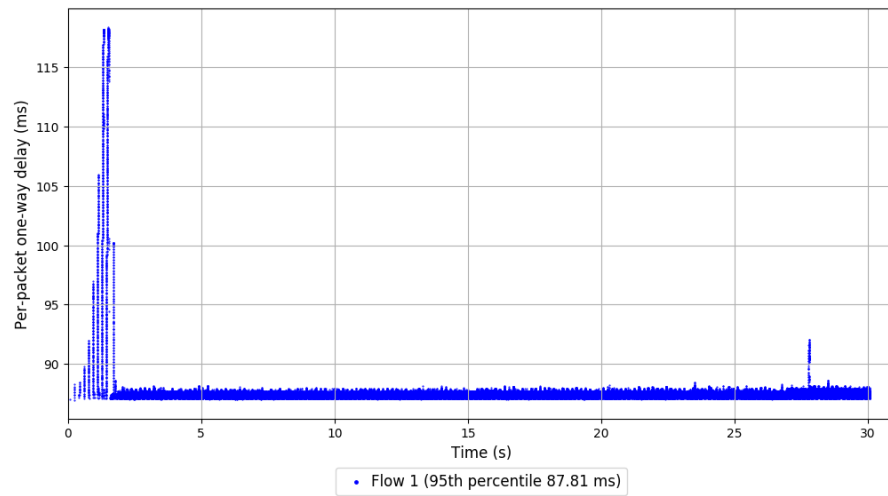
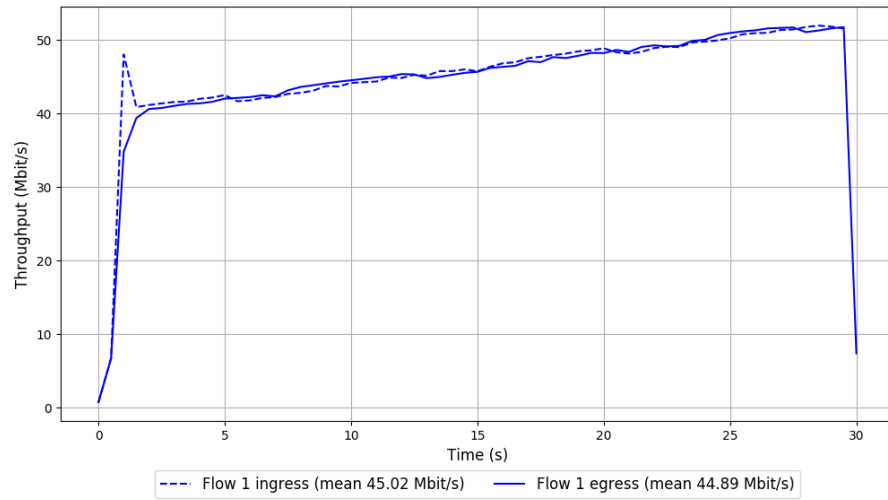


Run 9: Statistics of TCP Vegas

Start at: 2018-03-13 07:33:12
End at: 2018-03-13 07:33:42
Local clock offset: -5.459 ms
Remote clock offset: -1.838 ms

Below is generated by plot.py at 2018-03-13 08:45:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 44.89 Mbit/s
95th percentile per-packet one-way delay: 87.815 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 44.89 Mbit/s
95th percentile per-packet one-way delay: 87.815 ms
Loss rate: 0.27%

Run 9: Report of TCP Vegas — Data Link

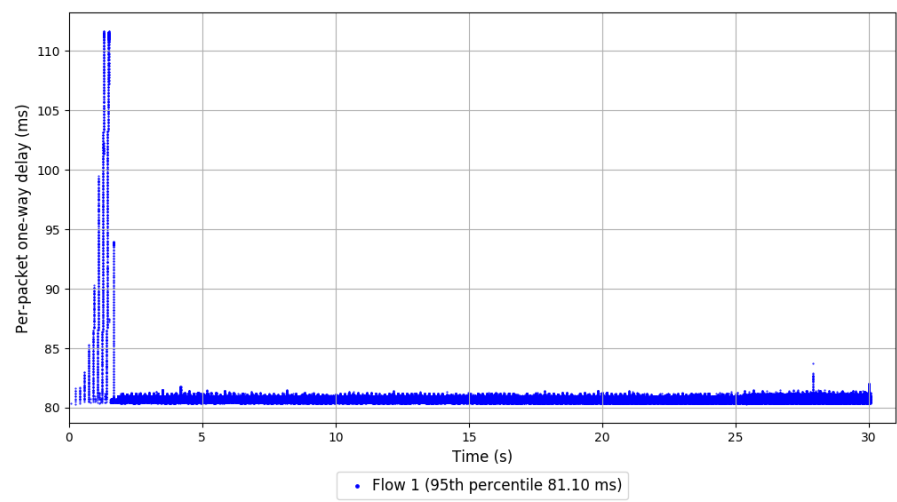
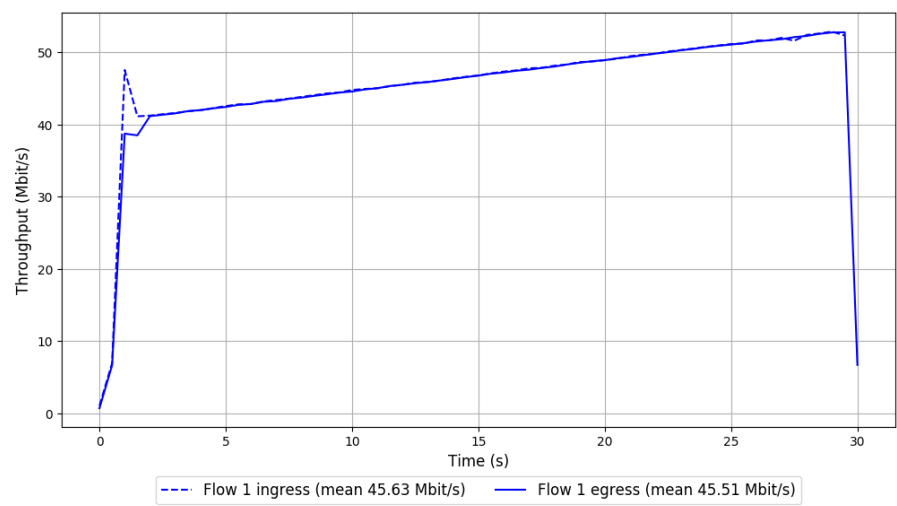


Run 10: Statistics of TCP Vegas

Start at: 2018-03-13 07:55:18
End at: 2018-03-13 07:55:48
Local clock offset: -6.018 ms
Remote clock offset: -6.892 ms

Below is generated by plot.py at 2018-03-13 08:45:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 45.51 Mbit/s
95th percentile per-packet one-way delay: 81.103 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 45.51 Mbit/s
95th percentile per-packet one-way delay: 81.103 ms
Loss rate: 0.27%

Run 10: Report of TCP Vegas — Data Link

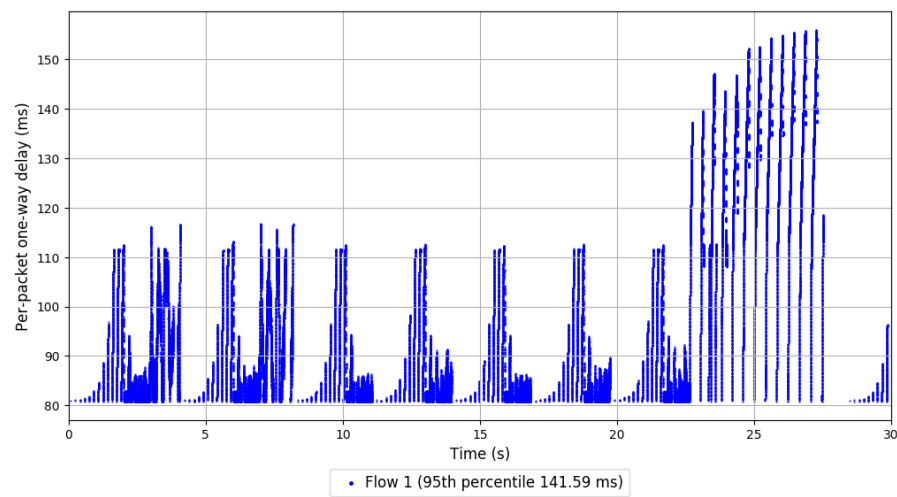
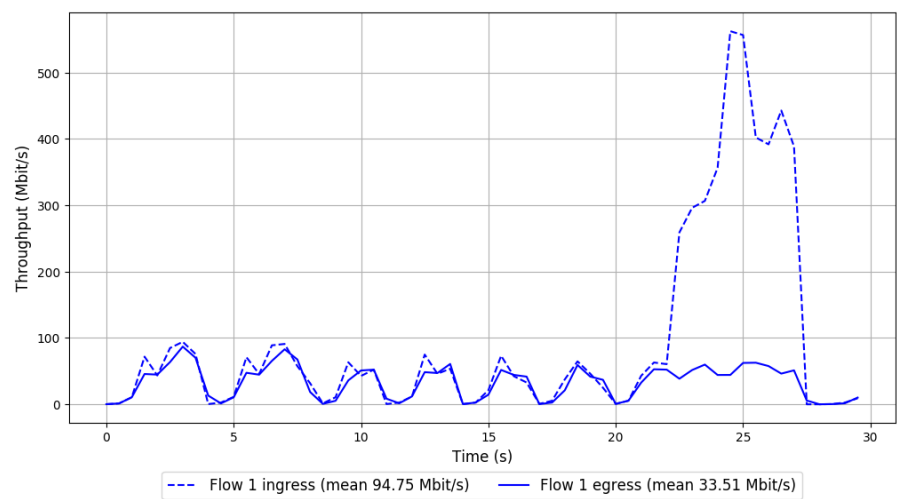


Run 1: Statistics of Verus

Start at: 2018-03-13 04:50:42
End at: 2018-03-13 04:51:12
Local clock offset: -4.907 ms
Remote clock offset: -5.611 ms

Below is generated by plot.py at 2018-03-13 08:45:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 33.51 Mbit/s
95th percentile per-packet one-way delay: 141.586 ms
Loss rate: 64.61%
-- Flow 1:
Average throughput: 33.51 Mbit/s
95th percentile per-packet one-way delay: 141.586 ms
Loss rate: 64.61%

Run 1: Report of Verus — Data Link

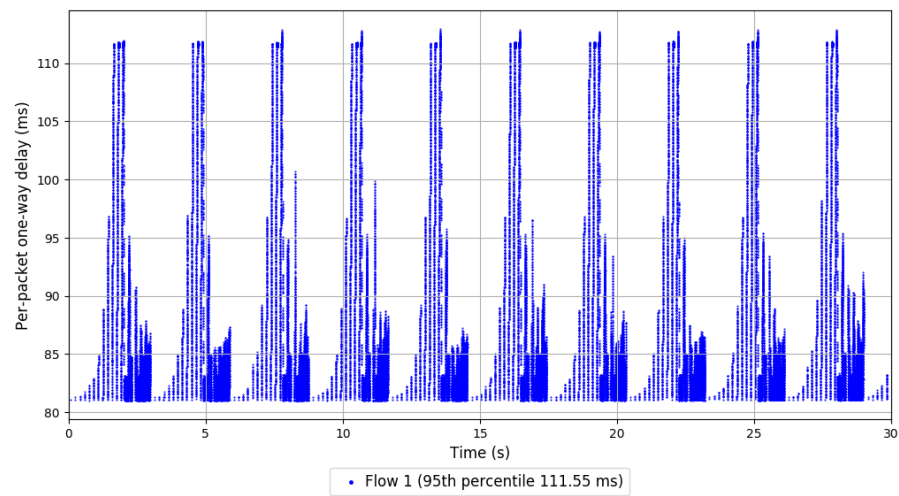
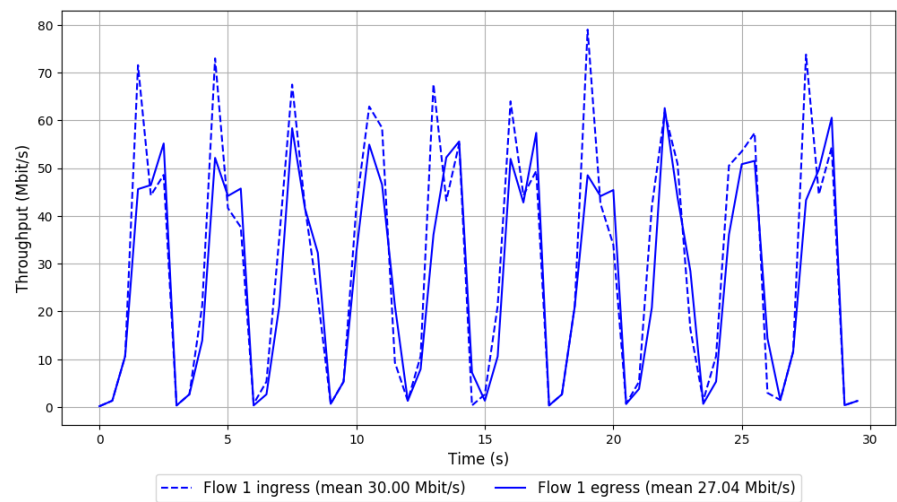


Run 2: Statistics of Verus

Start at: 2018-03-13 05:13:03
End at: 2018-03-13 05:13:33
Local clock offset: -3.255 ms
Remote clock offset: -5.938 ms

Below is generated by plot.py at 2018-03-13 08:45:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 27.04 Mbit/s
95th percentile per-packet one-way delay: 111.545 ms
Loss rate: 9.86%
-- Flow 1:
Average throughput: 27.04 Mbit/s
95th percentile per-packet one-way delay: 111.545 ms
Loss rate: 9.86%

Run 2: Report of Verus — Data Link

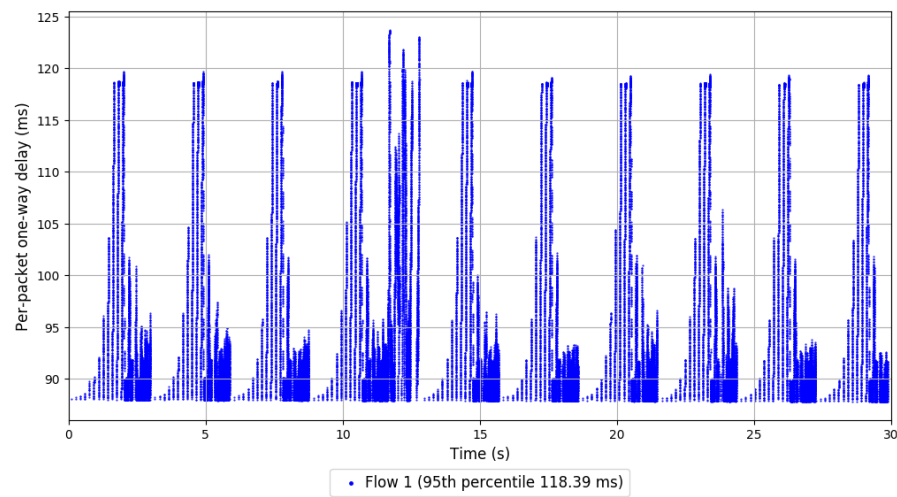
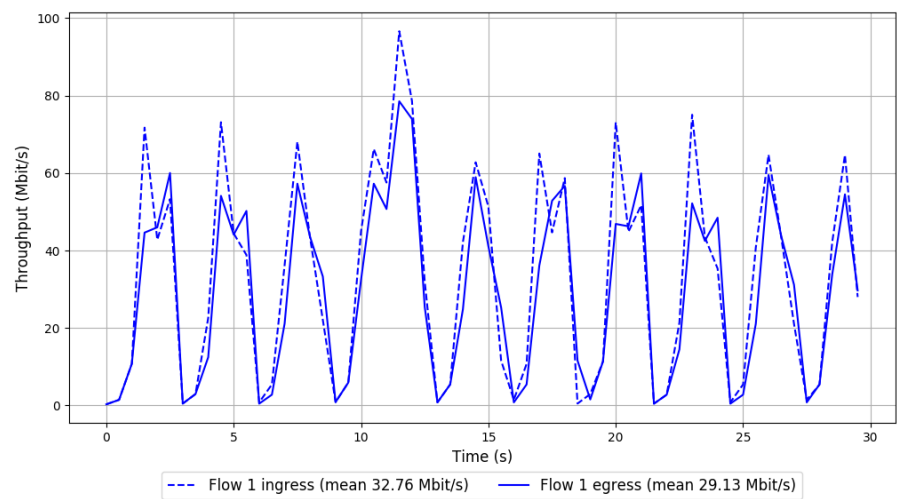


Run 3: Statistics of Verus

Start at: 2018-03-13 05:35:05
End at: 2018-03-13 05:35:35
Local clock offset: -3.055 ms
Remote clock offset: -0.686 ms

Below is generated by plot.py at 2018-03-13 08:45:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 29.13 Mbit/s
95th percentile per-packet one-way delay: 118.394 ms
Loss rate: 11.09%
-- Flow 1:
Average throughput: 29.13 Mbit/s
95th percentile per-packet one-way delay: 118.394 ms
Loss rate: 11.09%

Run 3: Report of Verus — Data Link

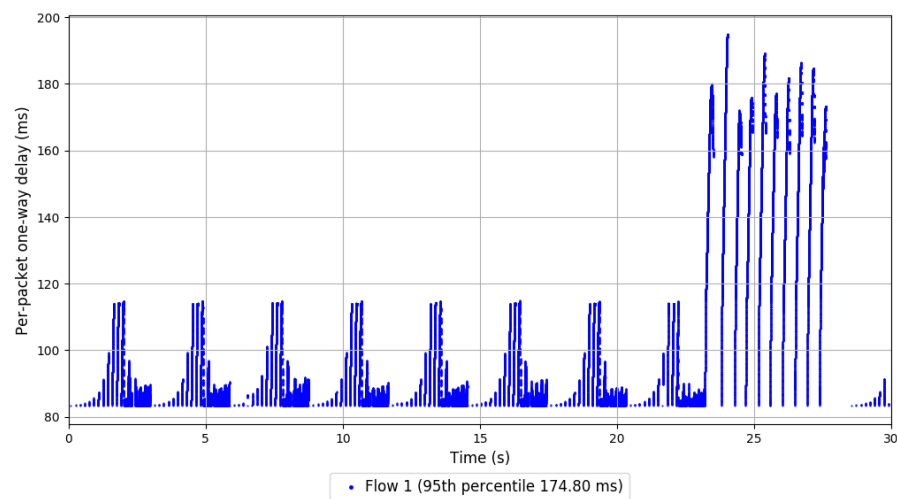
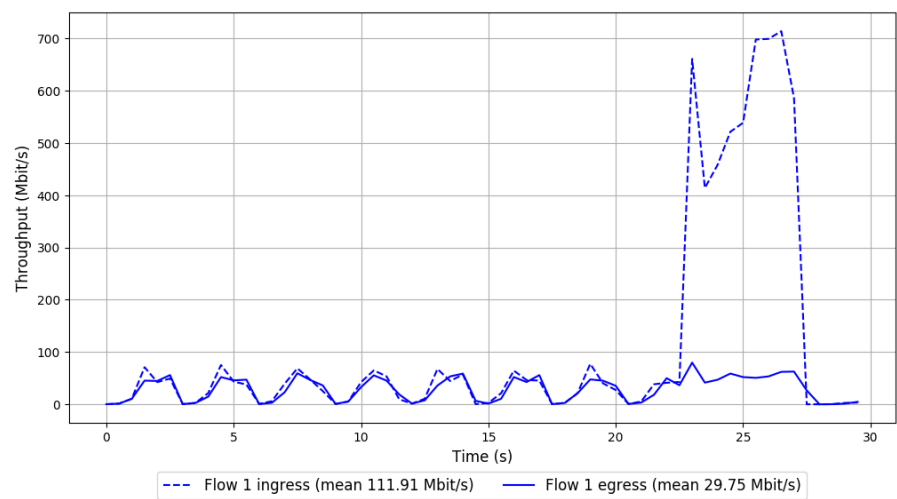


Run 4: Statistics of Verus

Start at: 2018-03-13 05:57:06
End at: 2018-03-13 05:57:36
Local clock offset: -6.677 ms
Remote clock offset: -5.474 ms

Below is generated by plot.py at 2018-03-13 08:45:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 29.75 Mbit/s
95th percentile per-packet one-way delay: 174.802 ms
Loss rate: 73.41%
-- Flow 1:
Average throughput: 29.75 Mbit/s
95th percentile per-packet one-way delay: 174.802 ms
Loss rate: 73.41%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: 2018-03-13 06:19:08

End at: 2018-03-13 06:19:38

Local clock offset: -4.793 ms

Remote clock offset: 0.272 ms

Below is generated by plot.py at 2018-03-13 08:45:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 30.10 Mbit/s

95th percentile per-packet one-way delay: 118.009 ms

Loss rate: 9.46%

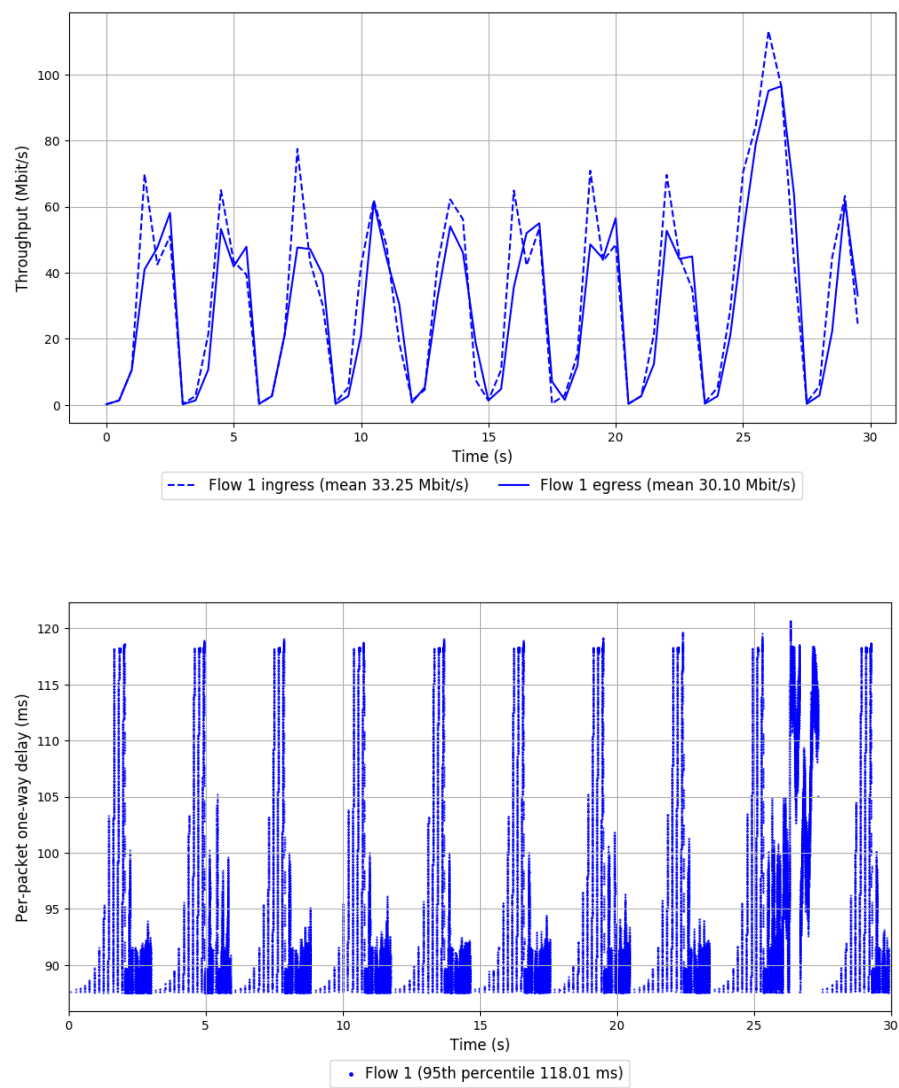
-- Flow 1:

Average throughput: 30.10 Mbit/s

95th percentile per-packet one-way delay: 118.009 ms

Loss rate: 9.46%

Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: 2018-03-13 06:41:10

End at: 2018-03-13 06:41:40

Local clock offset: -3.895 ms

Remote clock offset: 0.134 ms

Below is generated by plot.py at 2018-03-13 08:45:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 26.80 Mbit/s

95th percentile per-packet one-way delay: 118.642 ms

Loss rate: 9.94%

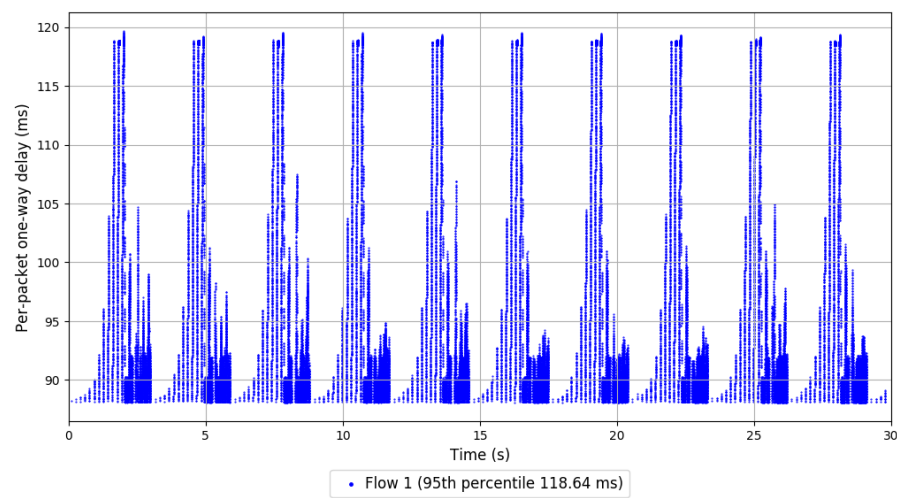
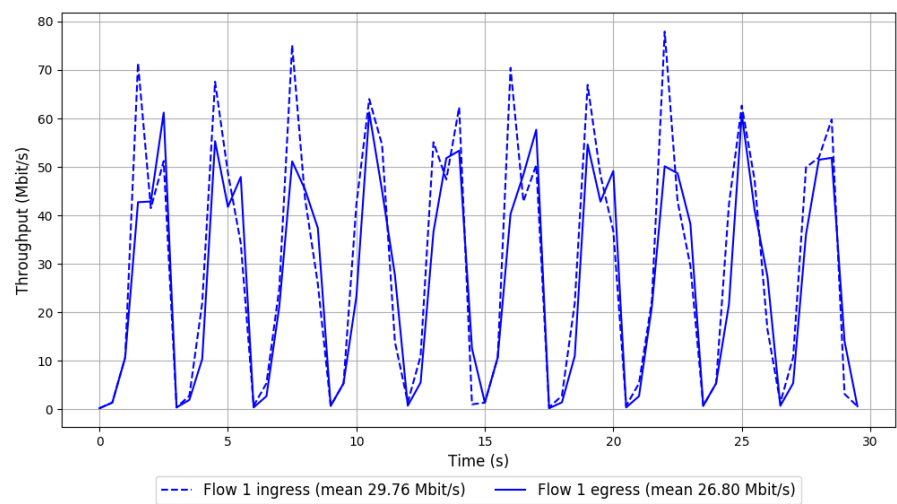
-- Flow 1:

Average throughput: 26.80 Mbit/s

95th percentile per-packet one-way delay: 118.642 ms

Loss rate: 9.94%

Run 6: Report of Verus — Data Link

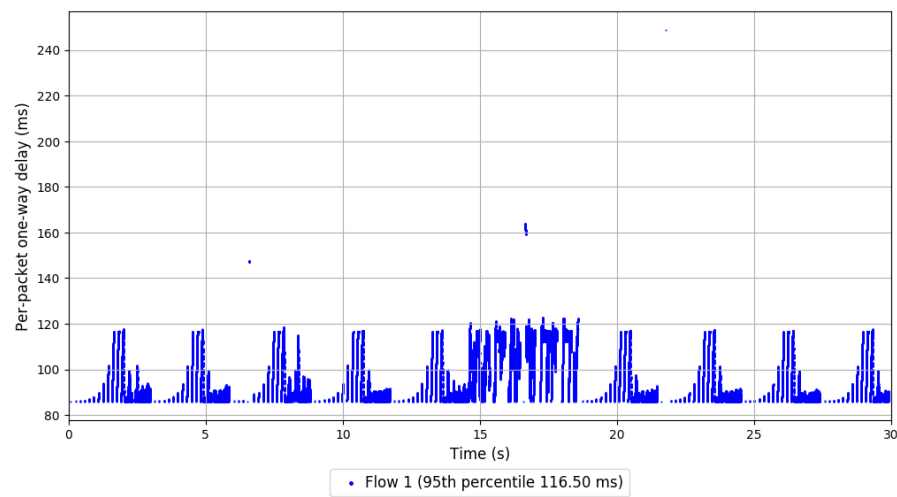
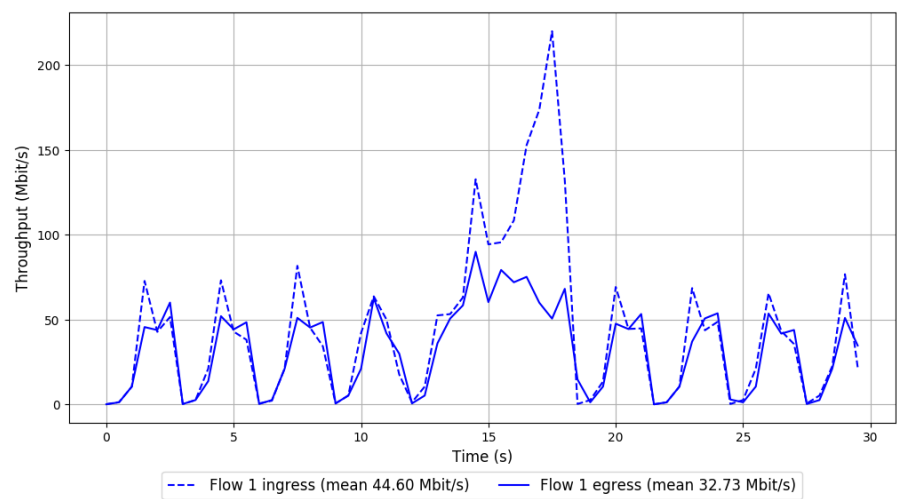


Run 7: Statistics of Verus

Start at: 2018-03-13 07:03:13
End at: 2018-03-13 07:03:43
Local clock offset: -6.098 ms
Remote clock offset: -1.585 ms

Below is generated by plot.py at 2018-03-13 08:45:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 32.73 Mbit/s
95th percentile per-packet one-way delay: 116.503 ms
Loss rate: 26.61%
-- Flow 1:
Average throughput: 32.73 Mbit/s
95th percentile per-packet one-way delay: 116.503 ms
Loss rate: 26.61%

Run 7: Report of Verus — Data Link

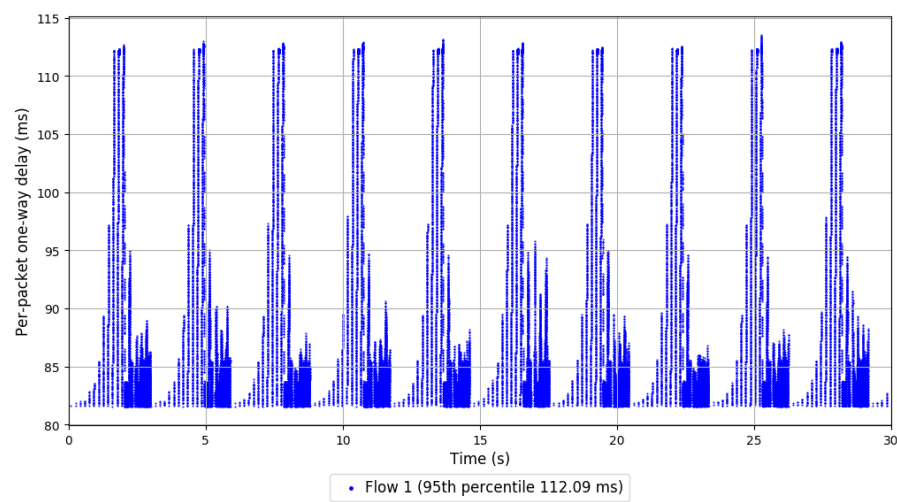
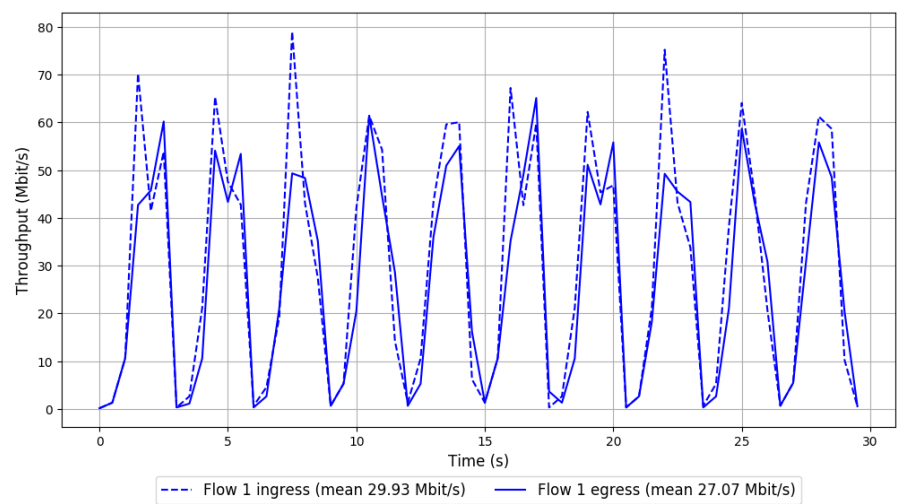


Run 8: Statistics of Verus

Start at: 2018-03-13 07:25:29
End at: 2018-03-13 07:25:59
Local clock offset: -5.674 ms
Remote clock offset: -5.659 ms

Below is generated by plot.py at 2018-03-13 08:45:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 27.07 Mbit/s
95th percentile per-packet one-way delay: 112.091 ms
Loss rate: 9.55%
-- Flow 1:
Average throughput: 27.07 Mbit/s
95th percentile per-packet one-way delay: 112.091 ms
Loss rate: 9.55%

Run 8: Report of Verus — Data Link

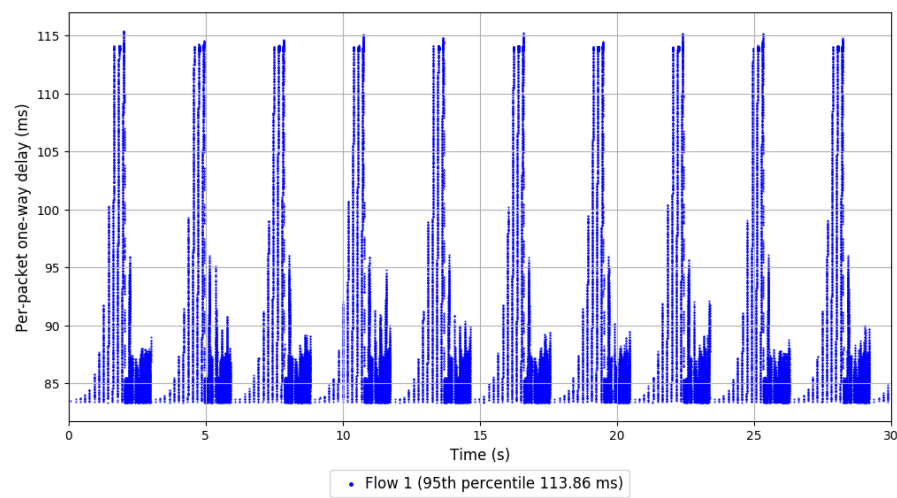
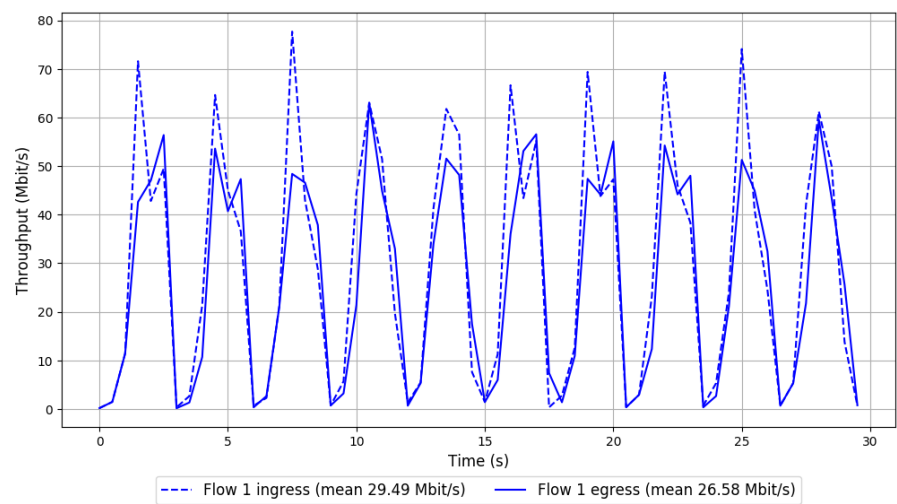


Run 9: Statistics of Verus

Start at: 2018-03-13 07:47:45
End at: 2018-03-13 07:48:15
Local clock offset: -5.362 ms
Remote clock offset: -5.928 ms

Below is generated by plot.py at 2018-03-13 08:45:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 26.58 Mbit/s
95th percentile per-packet one-way delay: 113.859 ms
Loss rate: 9.86%
-- Flow 1:
Average throughput: 26.58 Mbit/s
95th percentile per-packet one-way delay: 113.859 ms
Loss rate: 9.86%

Run 9: Report of Verus — Data Link

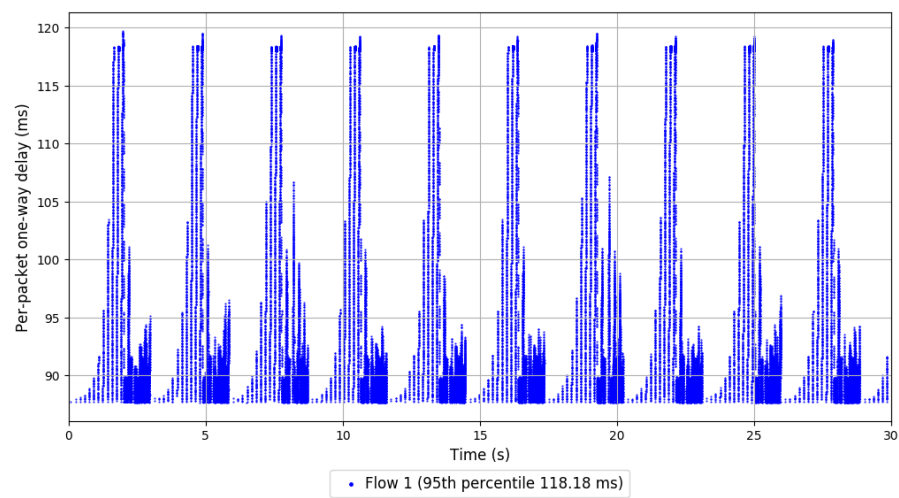
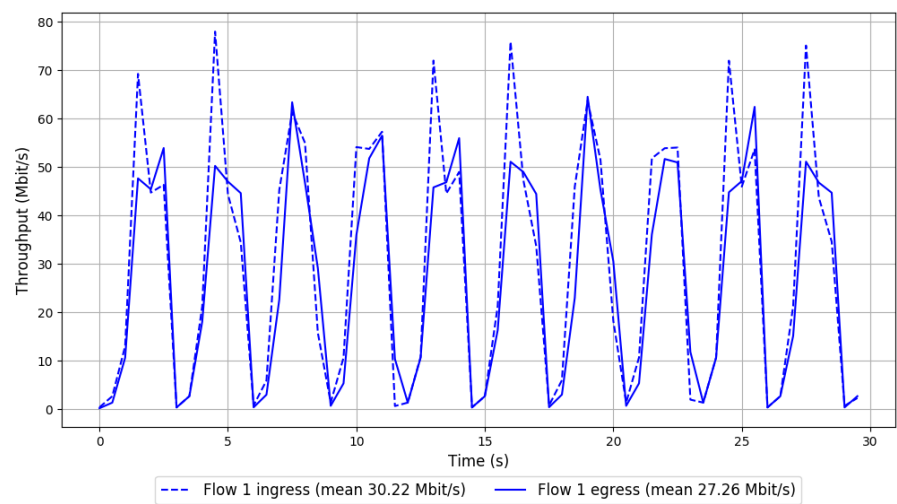


Run 10: Statistics of Verus

Start at: 2018-03-13 08:09:52
End at: 2018-03-13 08:10:22
Local clock offset: -7.027 ms
Remote clock offset: -0.018 ms

Below is generated by plot.py at 2018-03-13 08:46:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 27.26 Mbit/s
95th percentile per-packet one-way delay: 118.181 ms
Loss rate: 9.79%
-- Flow 1:
Average throughput: 27.26 Mbit/s
95th percentile per-packet one-way delay: 118.181 ms
Loss rate: 9.79%

Run 10: Report of Verus — Data Link



Run 1: Statistics of Copa

Start at: 2018-03-13 04:30:52

End at: 2018-03-13 04:31:22

Local clock offset: -5.03 ms

Remote clock offset: -4.639 ms

Below is generated by plot.py at 2018-03-13 08:53:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.81 Mbit/s

95th percentile per-packet one-way delay: 114.490 ms

Loss rate: 89.80%

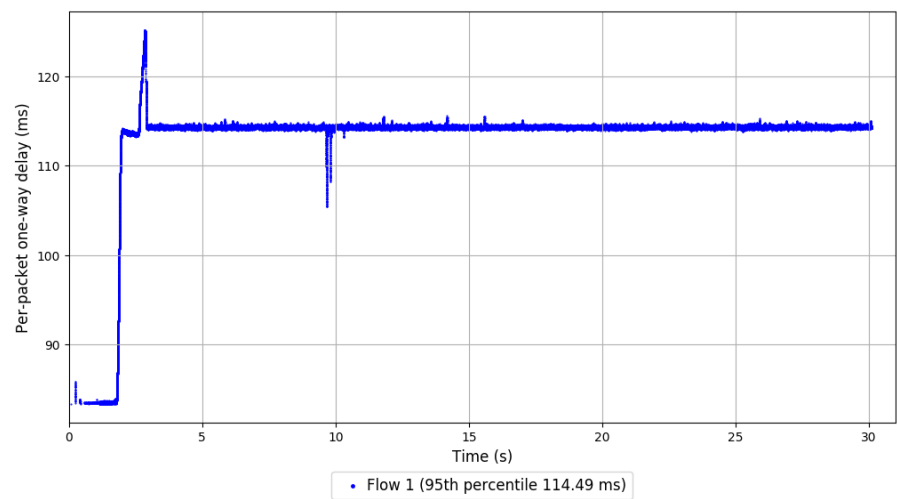
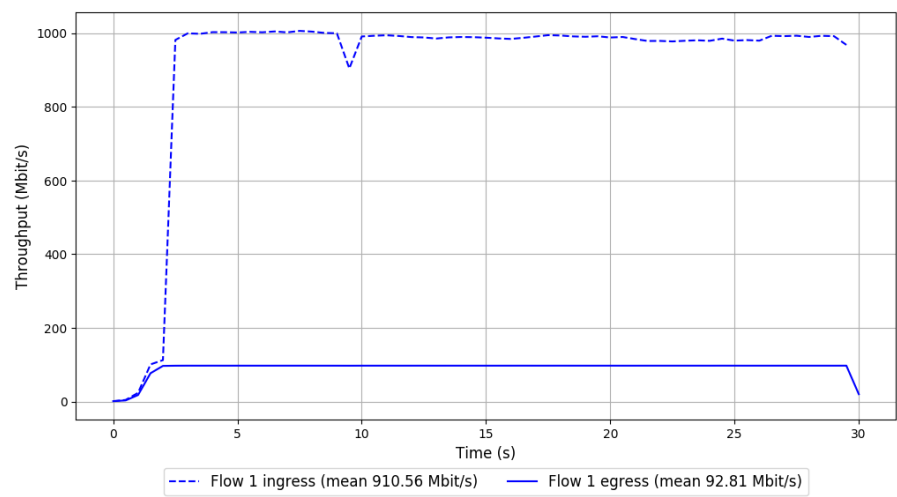
-- Flow 1:

Average throughput: 92.81 Mbit/s

95th percentile per-packet one-way delay: 114.490 ms

Loss rate: 89.80%

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: 2018-03-13 04:53:11

End at: 2018-03-13 04:53:41

Local clock offset: -4.91 ms

Remote clock offset: -5.75 ms

Below is generated by plot.py at 2018-03-13 08:53:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.83 Mbit/s

95th percentile per-packet one-way delay: 113.764 ms

Loss rate: 89.81%

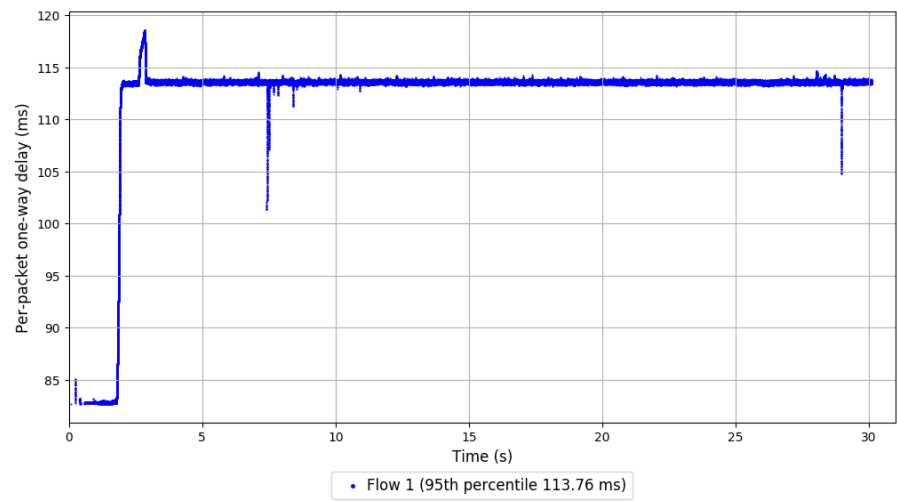
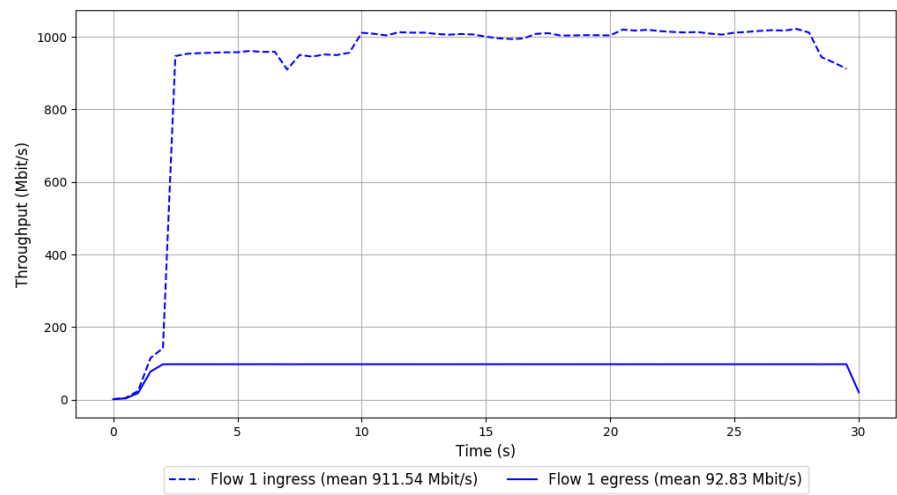
-- Flow 1:

Average throughput: 92.83 Mbit/s

95th percentile per-packet one-way delay: 113.764 ms

Loss rate: 89.81%

Run 2: Report of Copa — Data Link

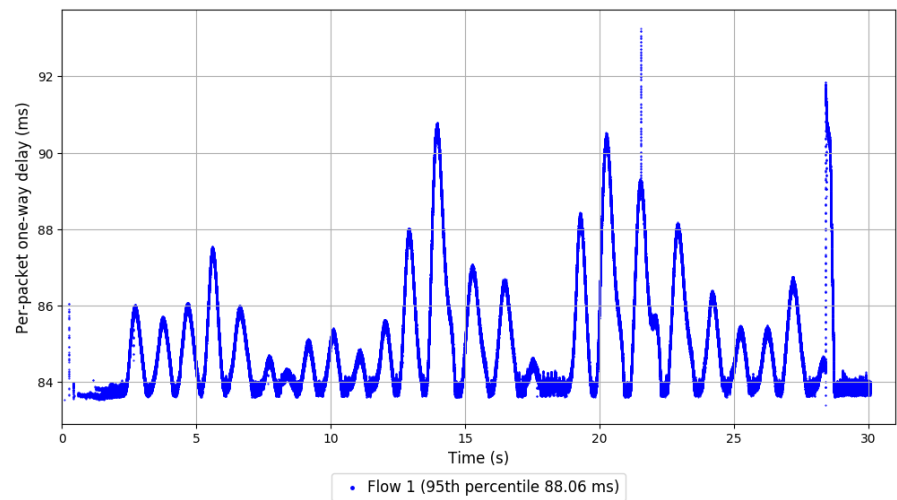
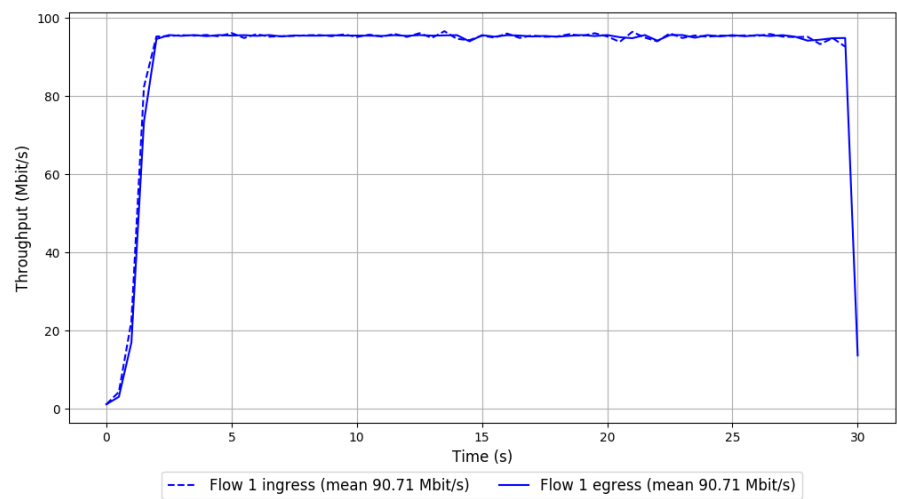


Run 3: Statistics of Copa

Start at: 2018-03-13 05:15:30
End at: 2018-03-13 05:16:00
Local clock offset: -3.098 ms
Remote clock offset: -5.158 ms

Below is generated by plot.py at 2018-03-13 08:53:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.71 Mbit/s
95th percentile per-packet one-way delay: 88.058 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 90.71 Mbit/s
95th percentile per-packet one-way delay: 88.058 ms
Loss rate: 0.00%

Run 3: Report of Copa — Data Link

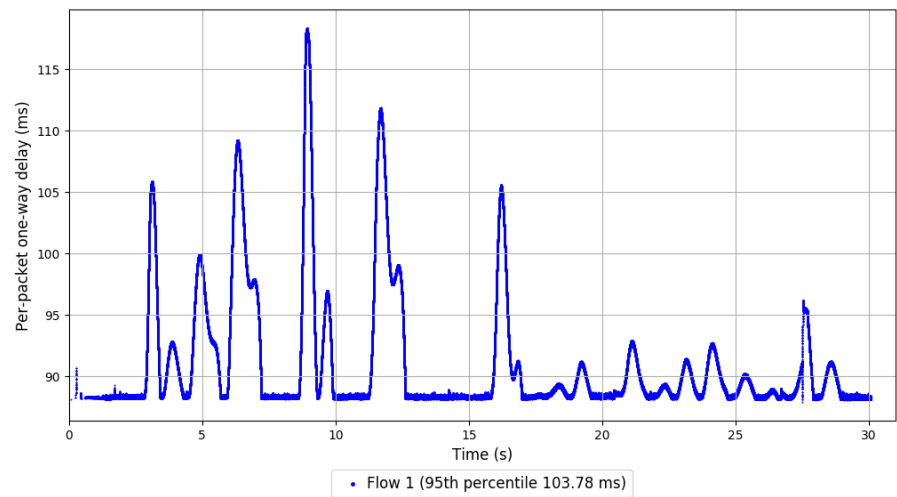
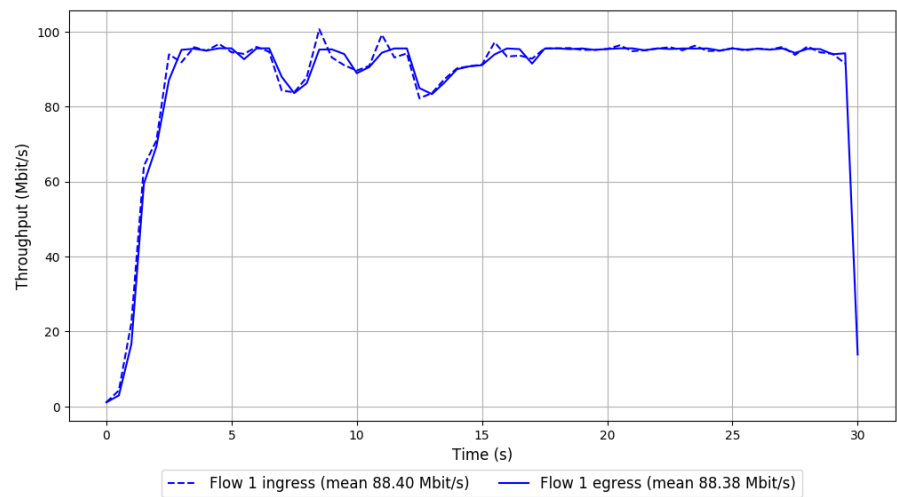


Run 4: Statistics of Copa

Start at: 2018-03-13 05:37:32
End at: 2018-03-13 05:38:02
Local clock offset: -3.807 ms
Remote clock offset: -0.533 ms

Below is generated by plot.py at 2018-03-13 08:53:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.38 Mbit/s
95th percentile per-packet one-way delay: 103.779 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 88.38 Mbit/s
95th percentile per-packet one-way delay: 103.779 ms
Loss rate: 0.03%

Run 4: Report of Copa — Data Link

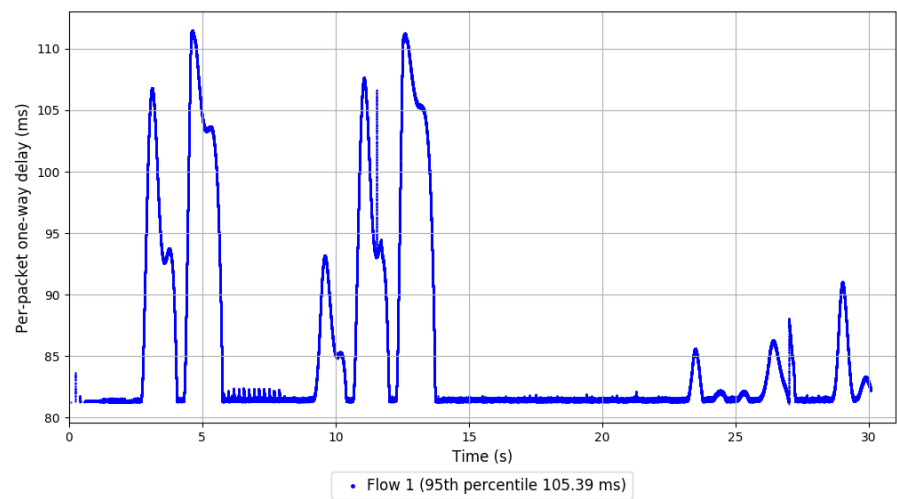
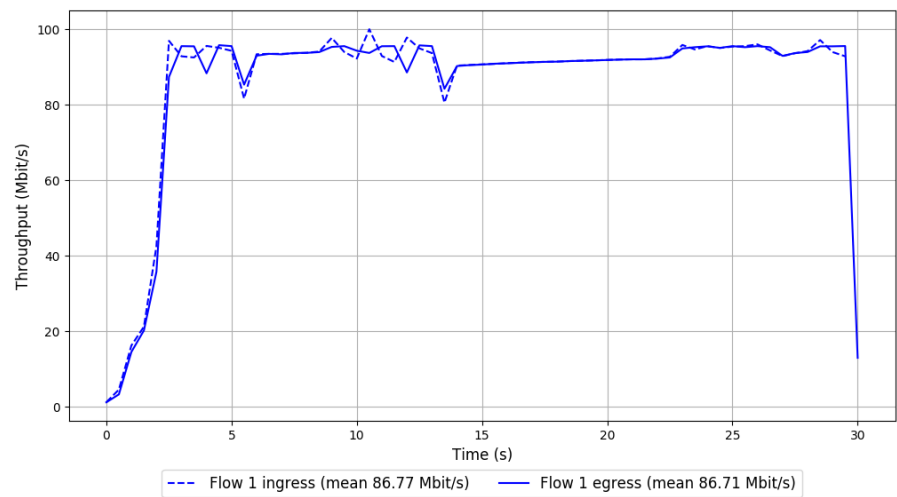


Run 5: Statistics of Copa

Start at: 2018-03-13 05:59:35
End at: 2018-03-13 06:00:05
Local clock offset: -6.856 ms
Remote clock offset: -5.616 ms

Below is generated by plot.py at 2018-03-13 08:53:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.71 Mbit/s
95th percentile per-packet one-way delay: 105.394 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 86.71 Mbit/s
95th percentile per-packet one-way delay: 105.394 ms
Loss rate: 0.07%

Run 5: Report of Copa — Data Link

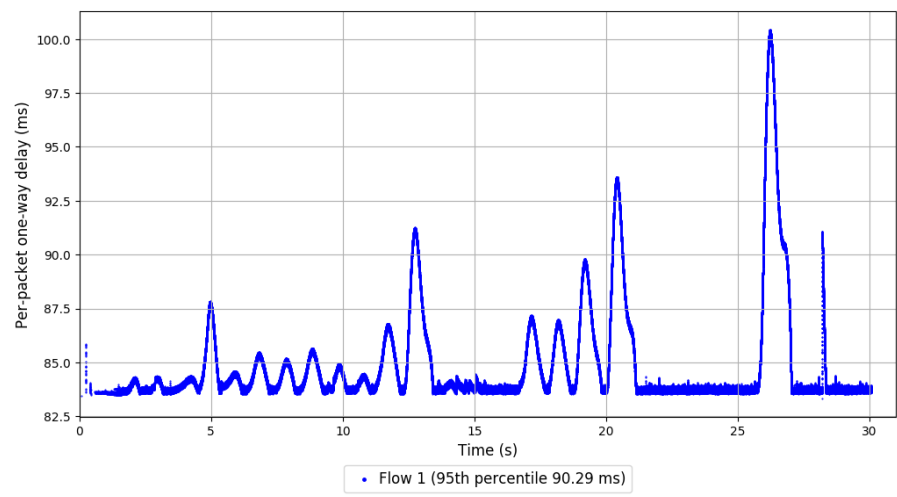
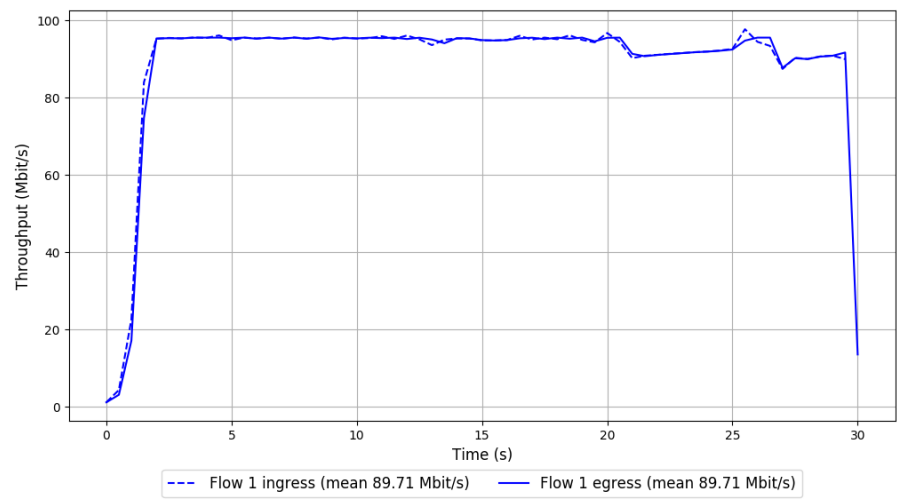


Run 6: Statistics of Copa

Start at: 2018-03-13 06:21:36
End at: 2018-03-13 06:22:06
Local clock offset: -4.605 ms
Remote clock offset: -5.601 ms

Below is generated by plot.py at 2018-03-13 08:53:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.71 Mbit/s
95th percentile per-packet one-way delay: 90.288 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 89.71 Mbit/s
95th percentile per-packet one-way delay: 90.288 ms
Loss rate: 0.00%

Run 6: Report of Copa — Data Link

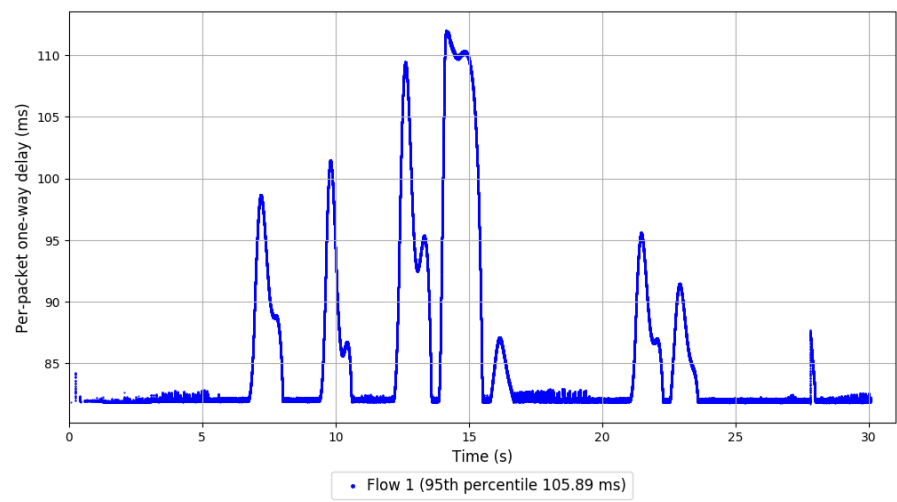
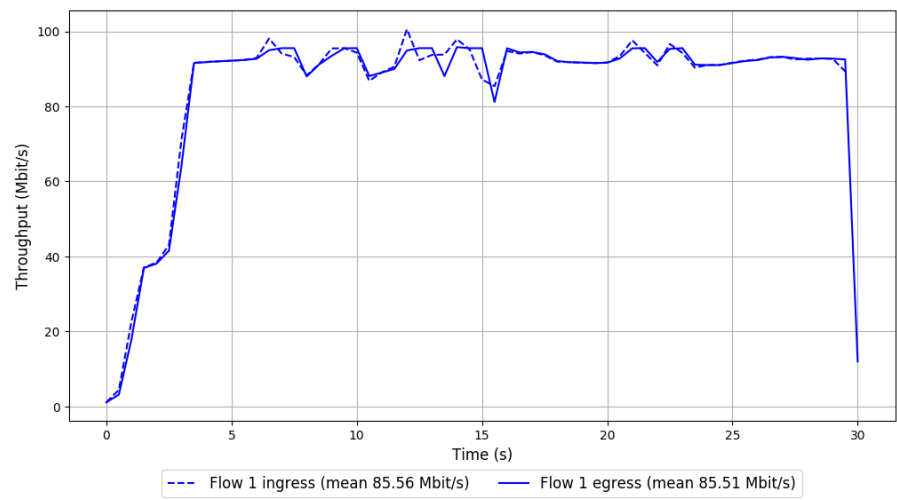


Run 7: Statistics of Copa

Start at: 2018-03-13 06:43:38
End at: 2018-03-13 06:44:08
Local clock offset: -4.332 ms
Remote clock offset: -5.638 ms

Below is generated by plot.py at 2018-03-13 08:53:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 85.51 Mbit/s
95th percentile per-packet one-way delay: 105.892 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 85.51 Mbit/s
95th percentile per-packet one-way delay: 105.892 ms
Loss rate: 0.05%

Run 7: Report of Copa — Data Link

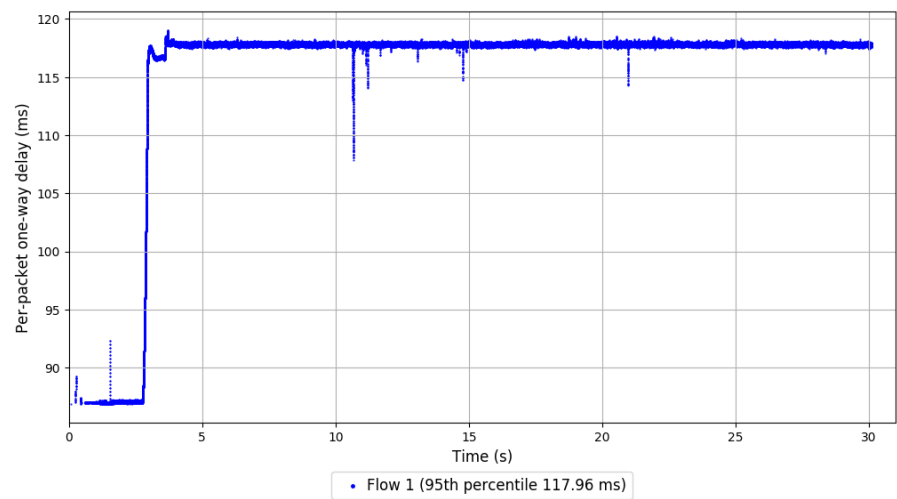
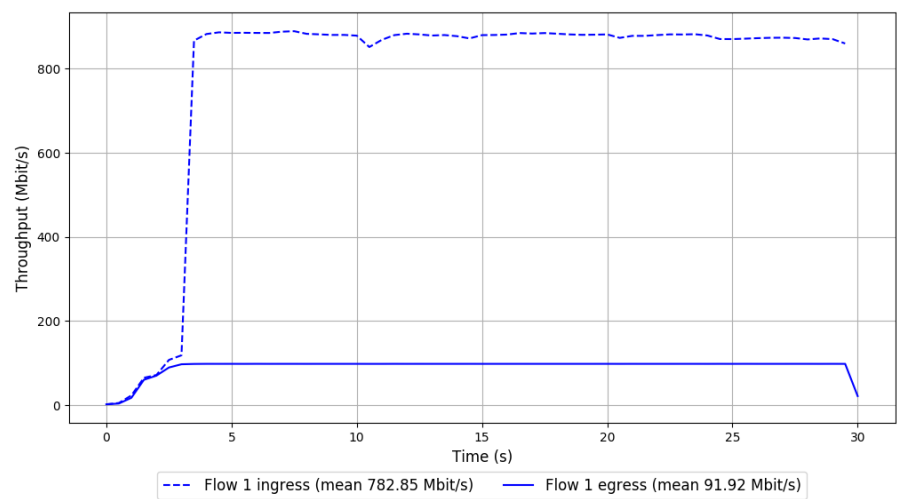


Run 8: Statistics of Copa

Start at: 2018-03-13 07:05:41
End at: 2018-03-13 07:06:11
Local clock offset: -6.271 ms
Remote clock offset: -0.607 ms

Below is generated by plot.py at 2018-03-13 08:53:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.92 Mbit/s
95th percentile per-packet one-way delay: 117.963 ms
Loss rate: 88.25%
-- Flow 1:
Average throughput: 91.92 Mbit/s
95th percentile per-packet one-way delay: 117.963 ms
Loss rate: 88.25%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: 2018-03-13 07:27:56

End at: 2018-03-13 07:28:26

Local clock offset: -5.579 ms

Remote clock offset: 0.033 ms

Below is generated by plot.py at 2018-03-13 08:56:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.83 Mbit/s

95th percentile per-packet one-way delay: 118.710 ms

Loss rate: 89.48%

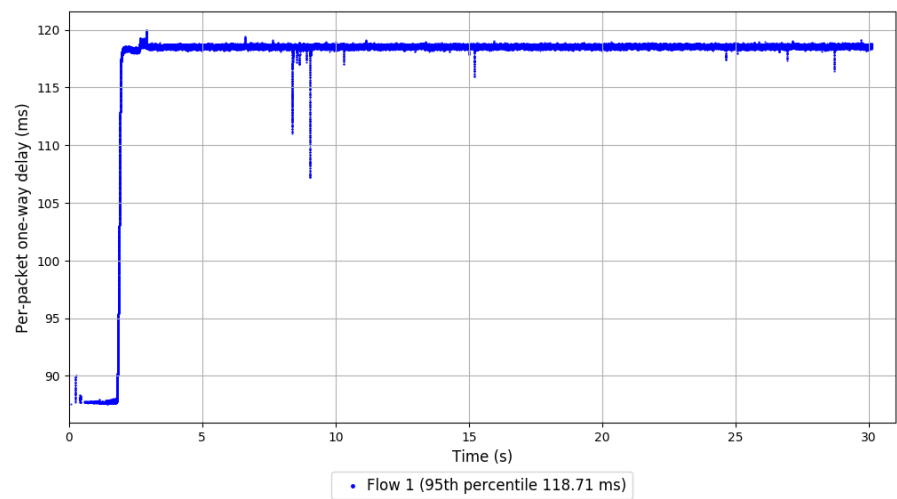
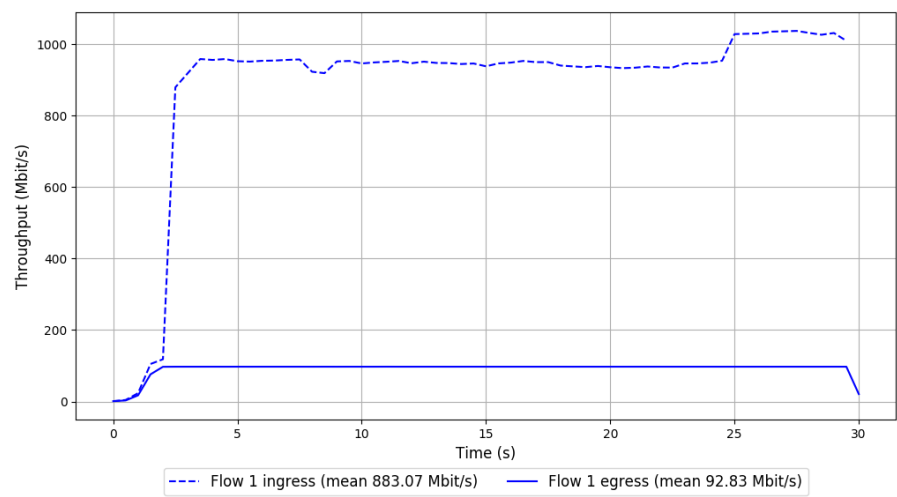
-- Flow 1:

Average throughput: 92.83 Mbit/s

95th percentile per-packet one-way delay: 118.710 ms

Loss rate: 89.48%

Run 9: Report of Copa — Data Link

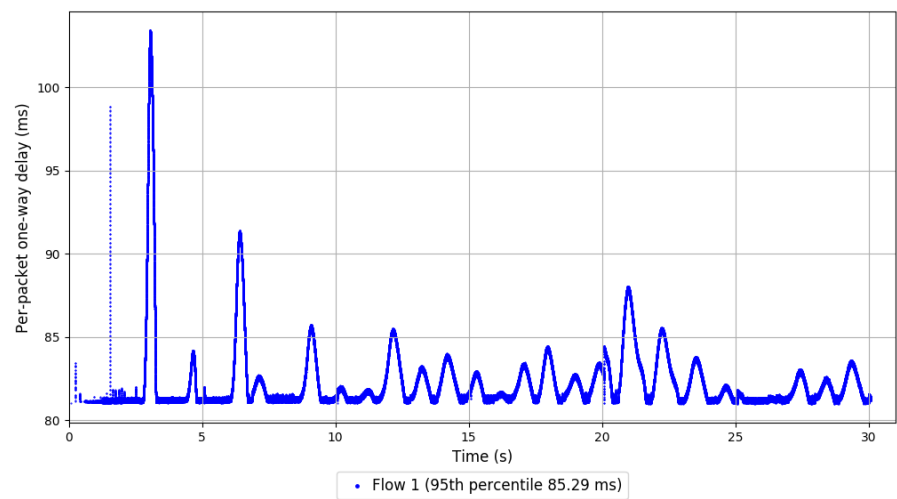
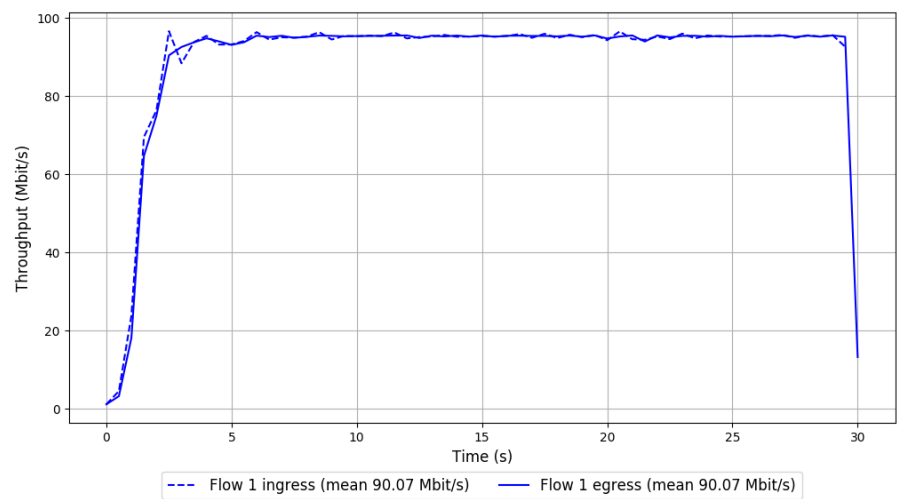


Run 10: Statistics of Copa

Start at: 2018-03-13 07:50:14
End at: 2018-03-13 07:50:44
Local clock offset: -5.435 ms
Remote clock offset: -6.813 ms

Below is generated by plot.py at 2018-03-13 08:56:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.07 Mbit/s
95th percentile per-packet one-way delay: 85.292 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 90.07 Mbit/s
95th percentile per-packet one-way delay: 85.292 ms
Loss rate: 0.00%

Run 10: Report of Copa — Data Link

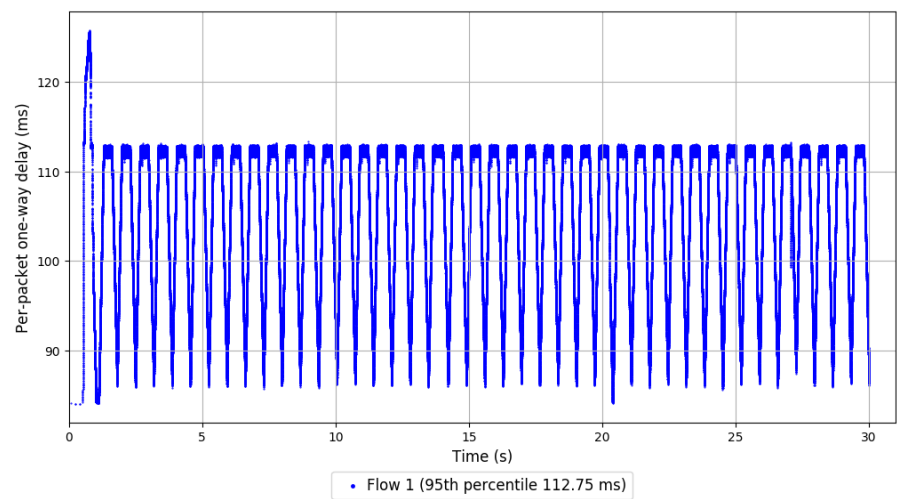
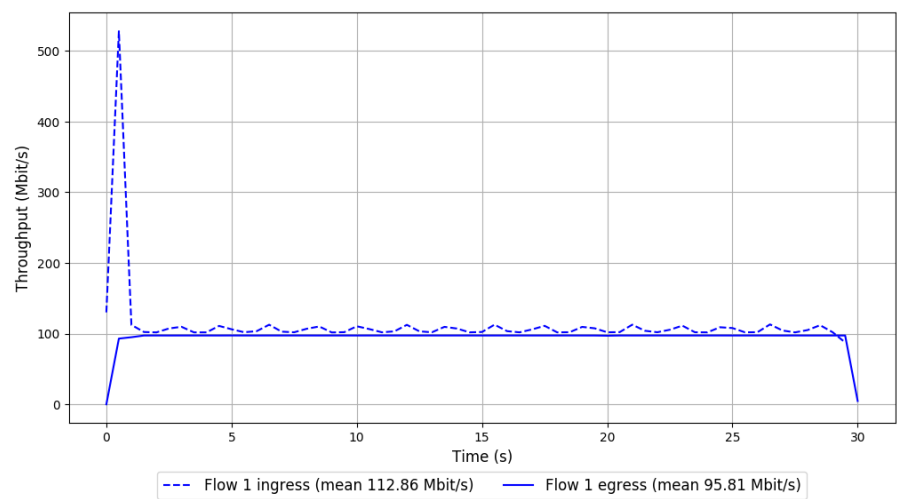


Run 1: Statistics of FillP

Start at: 2018-03-13 04:34:54
End at: 2018-03-13 04:35:24
Local clock offset: -4.972 ms
Remote clock offset: -4.691 ms

Below is generated by plot.py at 2018-03-13 08:56:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.81 Mbit/s
95th percentile per-packet one-way delay: 112.746 ms
Loss rate: 15.10%
-- Flow 1:
Average throughput: 95.81 Mbit/s
95th percentile per-packet one-way delay: 112.746 ms
Loss rate: 15.10%

Run 1: Report of FillP — Data Link

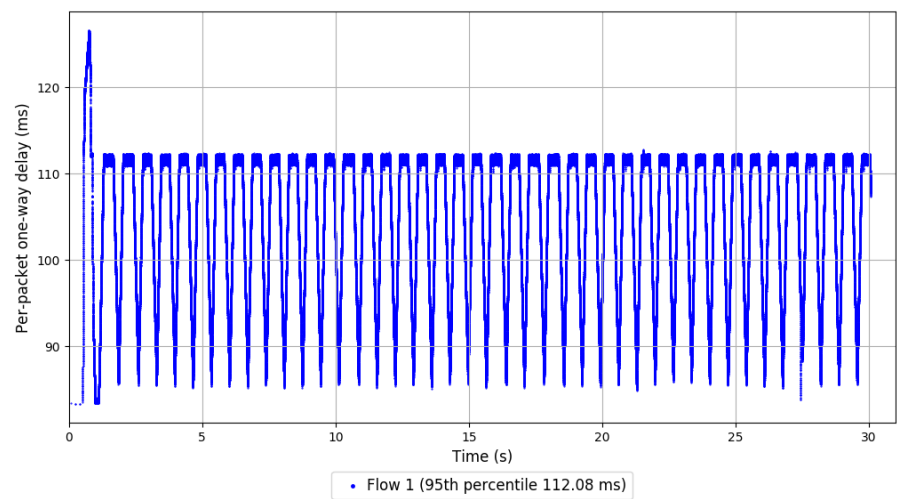
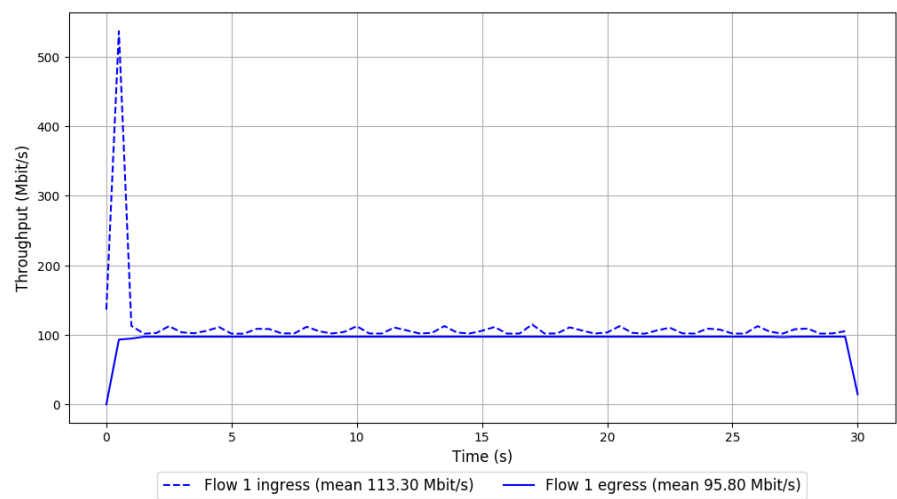


Run 2: Statistics of FillP

Start at: 2018-03-13 04:57:14
End at: 2018-03-13 04:57:44
Local clock offset: -4.908 ms
Remote clock offset: -4.969 ms

Below is generated by plot.py at 2018-03-13 08:56:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.80 Mbit/s
95th percentile per-packet one-way delay: 112.084 ms
Loss rate: 15.38%
-- Flow 1:
Average throughput: 95.80 Mbit/s
95th percentile per-packet one-way delay: 112.084 ms
Loss rate: 15.38%

Run 2: Report of FillP — Data Link



Run 3: Statistics of FillP

Start at: 2018-03-13 05:19:16

End at: 2018-03-13 05:19:46

Local clock offset: -2.917 ms

Remote clock offset: -5.31 ms

Below is generated by plot.py at 2018-03-13 08:56:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.83 Mbit/s

95th percentile per-packet one-way delay: 111.598 ms

Loss rate: 14.97%

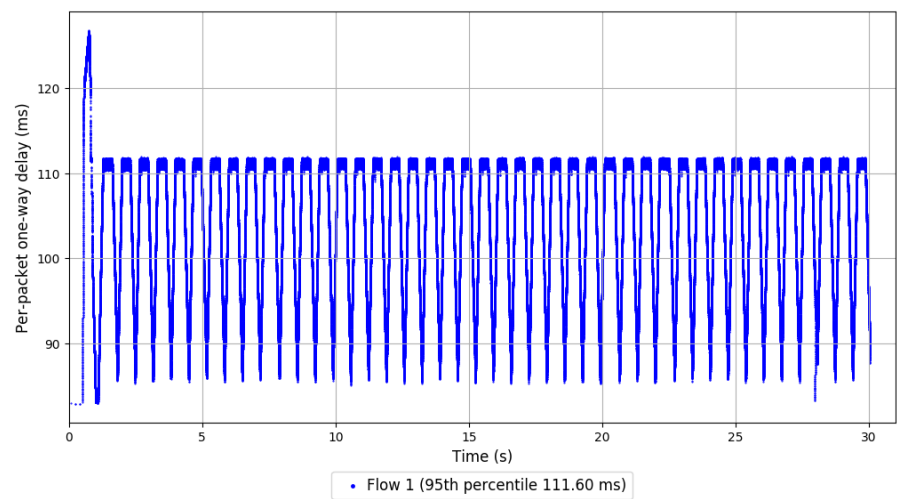
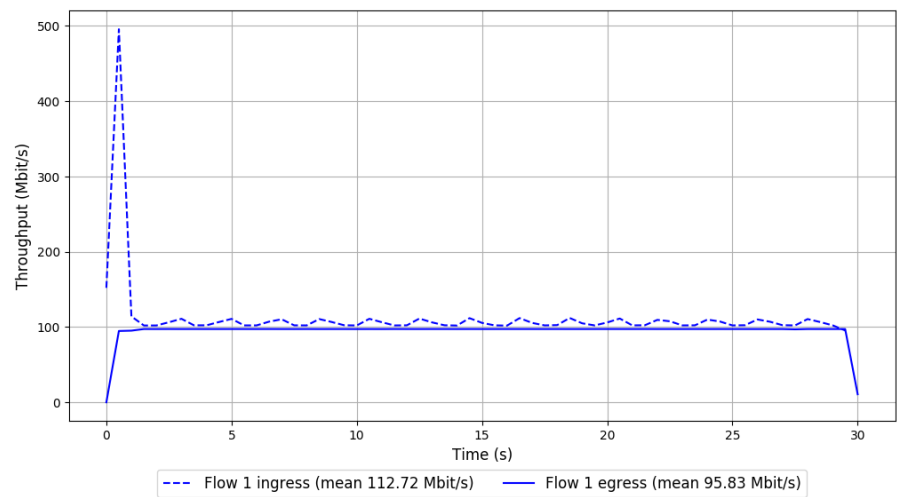
-- Flow 1:

Average throughput: 95.83 Mbit/s

95th percentile per-packet one-way delay: 111.598 ms

Loss rate: 14.97%

Run 3: Report of FillP — Data Link

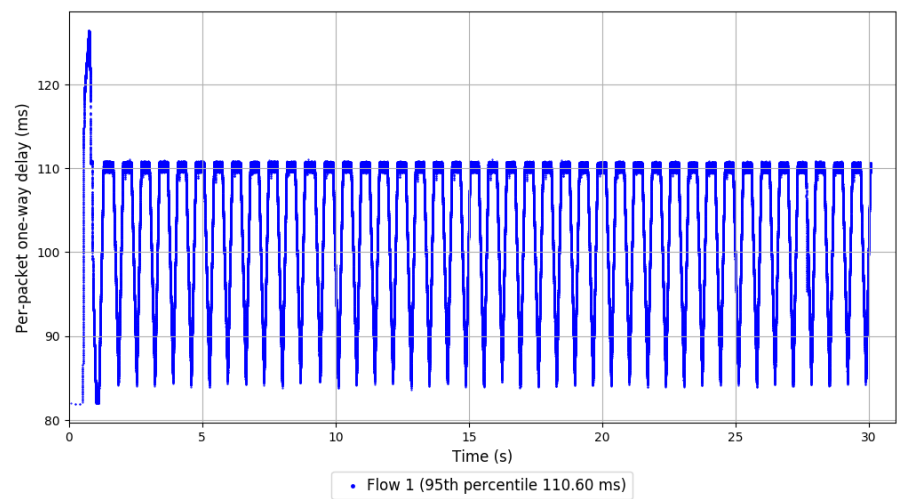
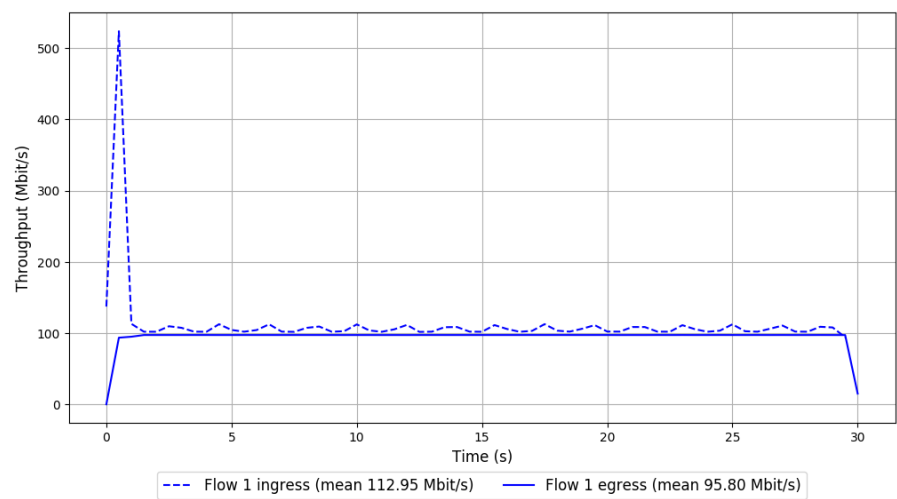


Run 4: Statistics of FillP

Start at: 2018-03-13 05:41:17
End at: 2018-03-13 05:41:47
Local clock offset: -4.734 ms
Remote clock offset: -6.401 ms

Below is generated by plot.py at 2018-03-13 08:56:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.80 Mbit/s
95th percentile per-packet one-way delay: 110.597 ms
Loss rate: 15.11%
-- Flow 1:
Average throughput: 95.80 Mbit/s
95th percentile per-packet one-way delay: 110.597 ms
Loss rate: 15.11%

Run 4: Report of FillP — Data Link

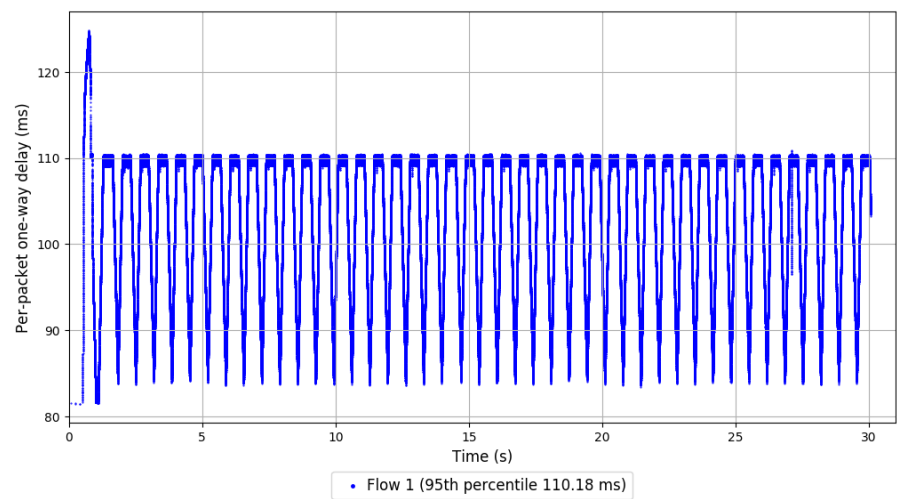
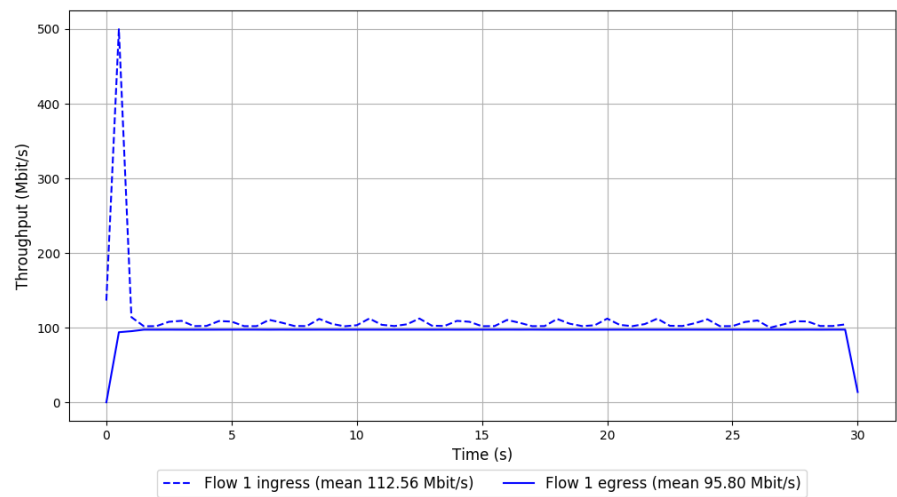


Run 5: Statistics of FillP

Start at: 2018-03-13 06:03:20
End at: 2018-03-13 06:03:50
Local clock offset: -7.095 ms
Remote clock offset: -5.571 ms

Below is generated by plot.py at 2018-03-13 08:56:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.80 Mbit/s
95th percentile per-packet one-way delay: 110.183 ms
Loss rate: 14.82%
-- Flow 1:
Average throughput: 95.80 Mbit/s
95th percentile per-packet one-way delay: 110.183 ms
Loss rate: 14.82%

Run 5: Report of FillP — Data Link

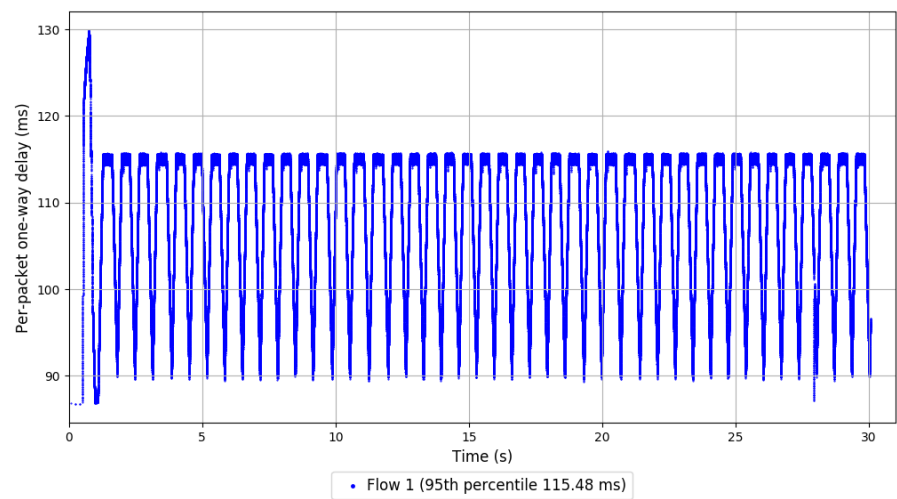
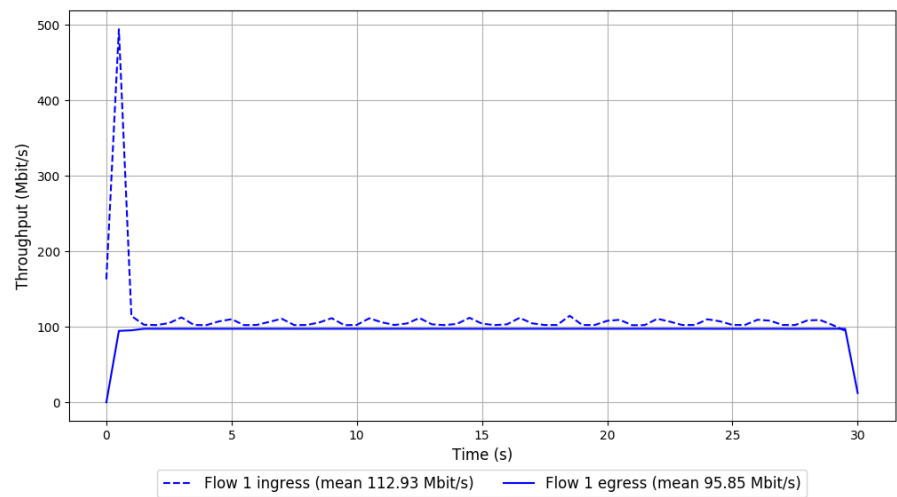


Run 6: Statistics of FillP

Start at: 2018-03-13 06:25:22
End at: 2018-03-13 06:25:52
Local clock offset: -4.347 ms
Remote clock offset: -0.691 ms

Below is generated by plot.py at 2018-03-13 08:56:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.85 Mbit/s
95th percentile per-packet one-way delay: 115.477 ms
Loss rate: 15.10%
-- Flow 1:
Average throughput: 95.85 Mbit/s
95th percentile per-packet one-way delay: 115.477 ms
Loss rate: 15.10%

Run 6: Report of FillP — Data Link

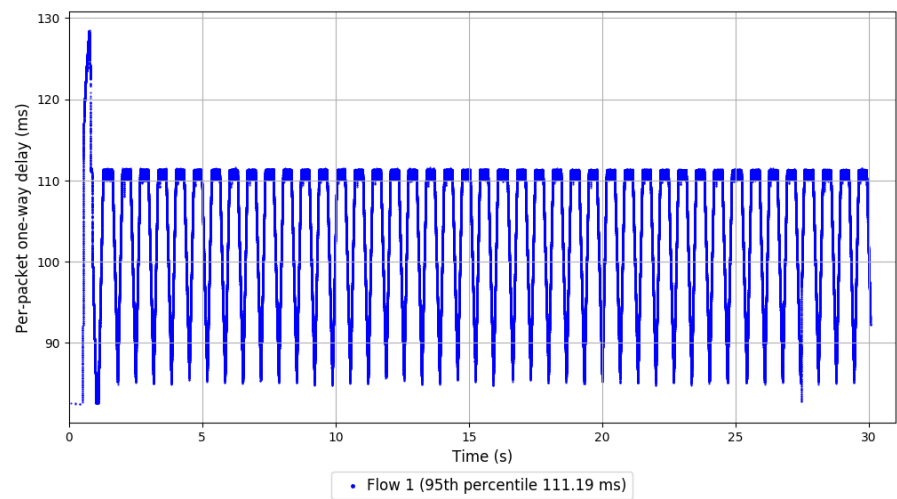
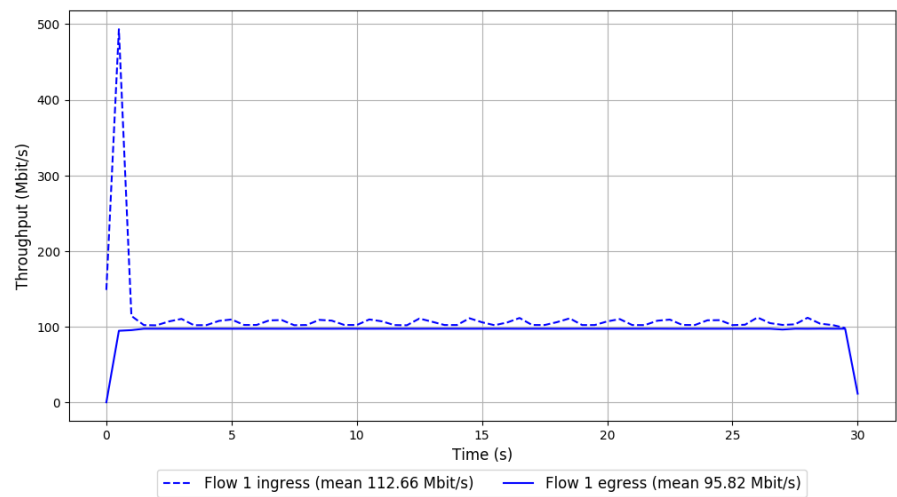


Run 7: Statistics of FillP

Start at: 2018-03-13 06:47:24
End at: 2018-03-13 06:47:54
Local clock offset: -4.911 ms
Remote clock offset: -6.564 ms

Below is generated by plot.py at 2018-03-13 08:56:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.82 Mbit/s
95th percentile per-packet one-way delay: 111.189 ms
Loss rate: 14.92%
-- Flow 1:
Average throughput: 95.82 Mbit/s
95th percentile per-packet one-way delay: 111.189 ms
Loss rate: 14.92%

Run 7: Report of FillP — Data Link

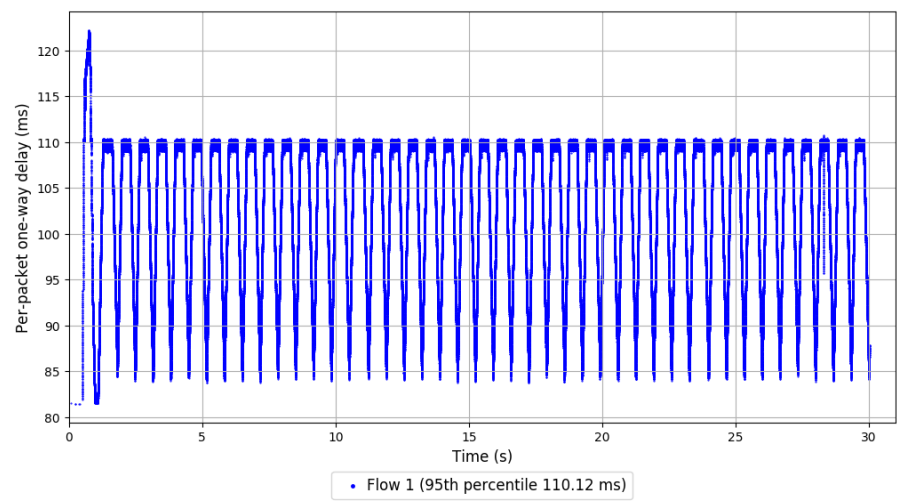
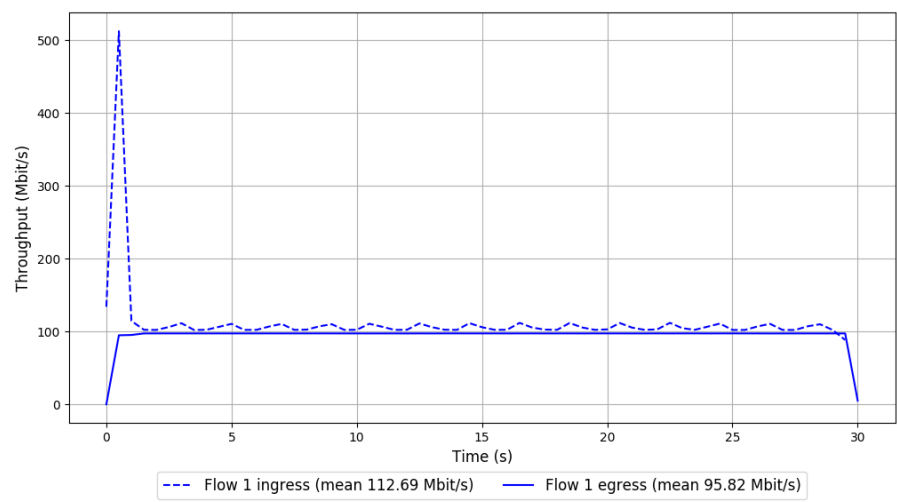


Run 8: Statistics of FillP

Start at: 2018-03-13 07:09:40
End at: 2018-03-13 07:10:10
Local clock offset: -6.359 ms
Remote clock offset: -5.679 ms

Below is generated by plot.py at 2018-03-13 08:56:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.82 Mbit/s
95th percentile per-packet one-way delay: 110.123 ms
Loss rate: 14.95%
-- Flow 1:
Average throughput: 95.82 Mbit/s
95th percentile per-packet one-way delay: 110.123 ms
Loss rate: 14.95%

Run 8: Report of FillP — Data Link

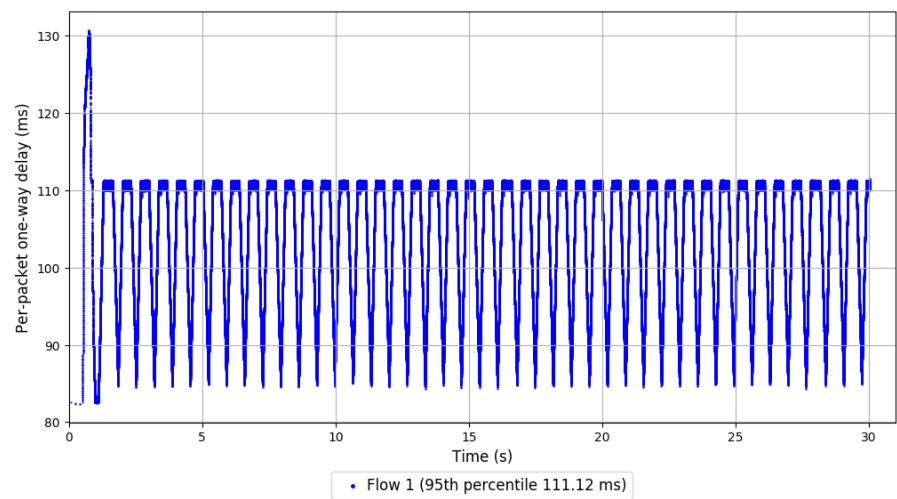
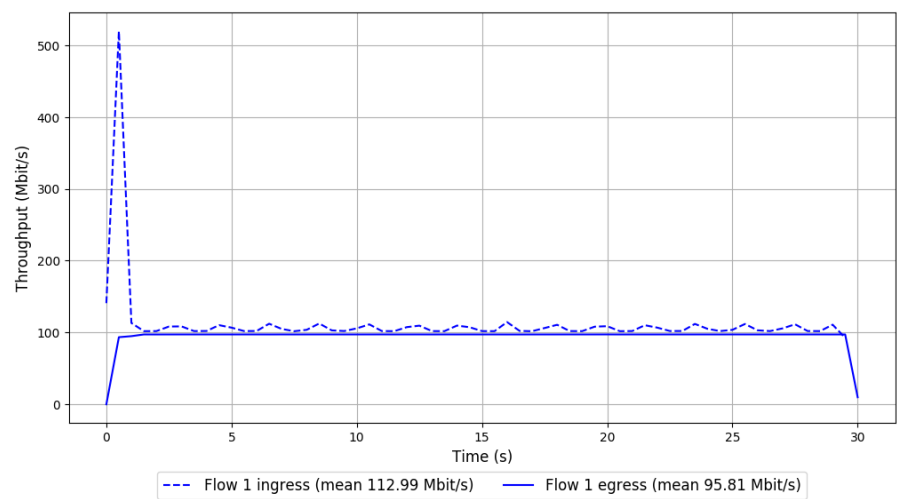


Run 9: Statistics of FillP

Start at: 2018-03-13 07:31:58
End at: 2018-03-13 07:32:28
Local clock offset: -5.441 ms
Remote clock offset: -6.614 ms

Below is generated by plot.py at 2018-03-13 08:56:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.81 Mbit/s
95th percentile per-packet one-way delay: 111.125 ms
Loss rate: 15.13%
-- Flow 1:
Average throughput: 95.81 Mbit/s
95th percentile per-packet one-way delay: 111.125 ms
Loss rate: 15.13%

Run 9: Report of FillP — Data Link

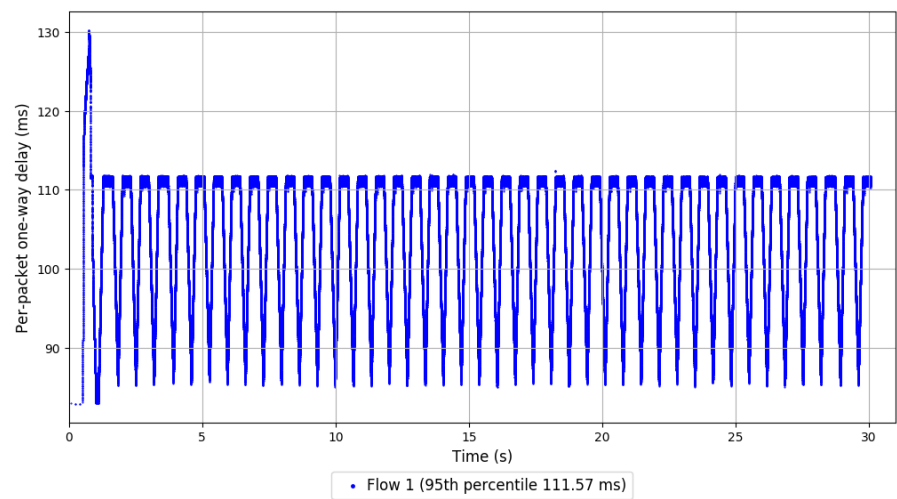
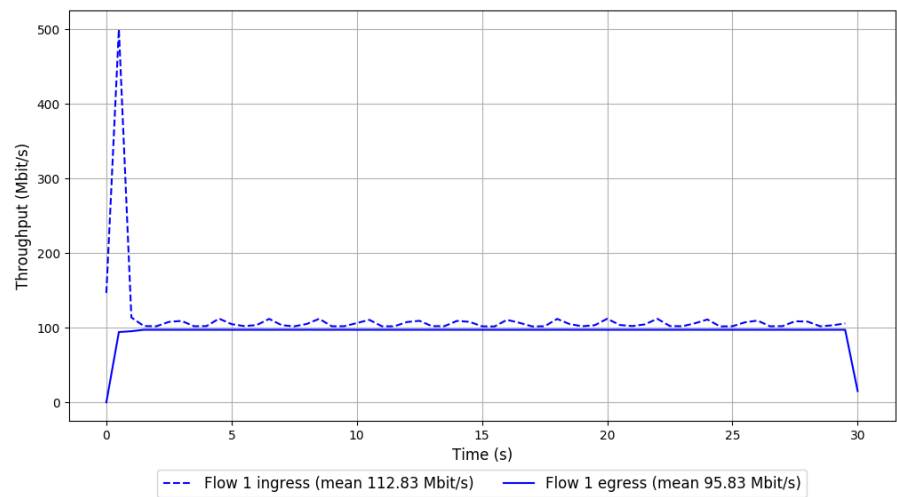


Run 10: Statistics of FillP

Start at: 2018-03-13 07:54:04
End at: 2018-03-13 07:54:34
Local clock offset: -5.887 ms
Remote clock offset: -5.991 ms

Below is generated by plot.py at 2018-03-13 08:56:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.83 Mbit/s
95th percentile per-packet one-way delay: 111.567 ms
Loss rate: 14.98%
-- Flow 1:
Average throughput: 95.83 Mbit/s
95th percentile per-packet one-way delay: 111.567 ms
Loss rate: 14.98%

Run 10: Report of FillP — Data Link

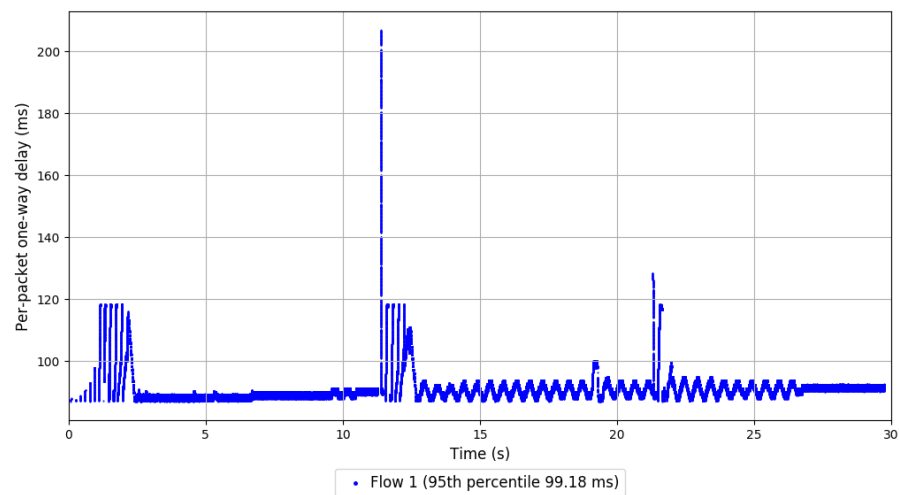
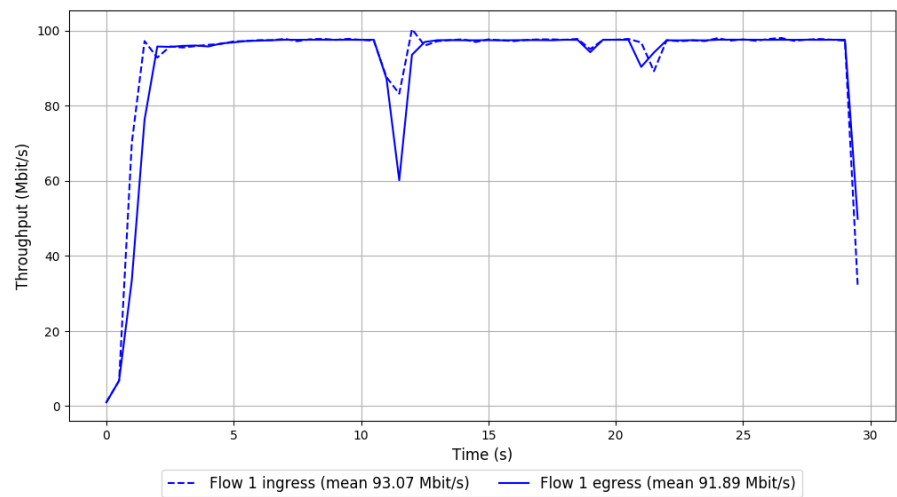


```
Run 1: Statistics of Indigo-1-32

Start at: 2018-03-13 04:32:25
End at: 2018-03-13 04:32:55
Local clock offset: -5.056 ms
Remote clock offset: -0.754 ms

# Below is generated by plot.py at 2018-03-13 08:56:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.89 Mbit/s
95th percentile per-packet one-way delay: 99.182 ms
Loss rate: 1.26%
-- Flow 1:
Average throughput: 91.89 Mbit/s
95th percentile per-packet one-way delay: 99.182 ms
Loss rate: 1.26%
```

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

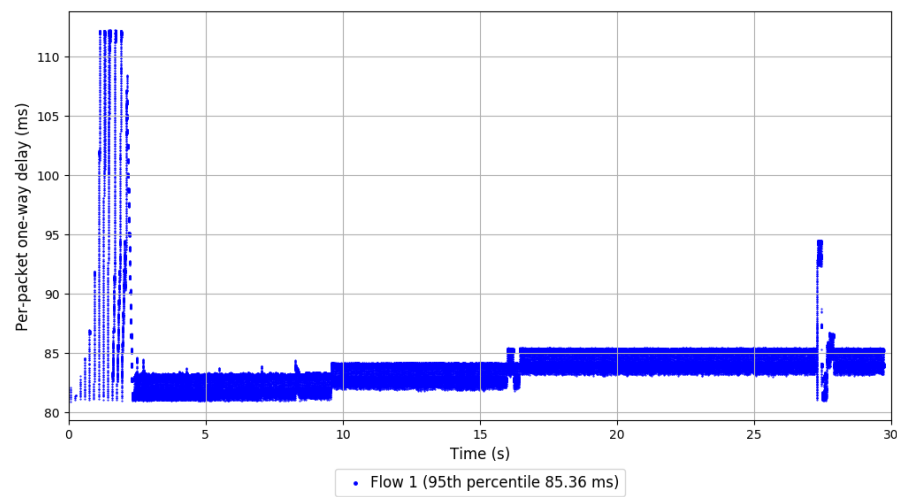
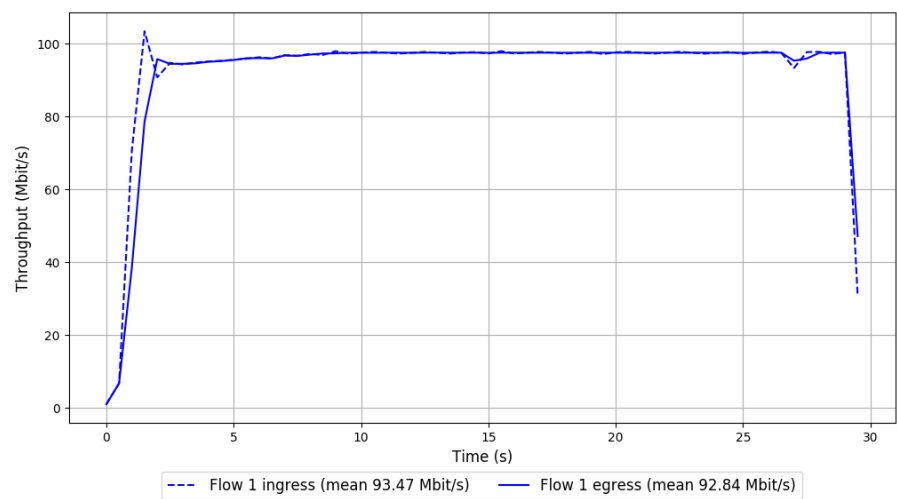


Run 2: Statistics of Indigo-1-32

Start at: 2018-03-13 04:54:45
End at: 2018-03-13 04:55:15
Local clock offset: -4.899 ms
Remote clock offset: -5.668 ms

Below is generated by plot.py at 2018-03-13 08:56:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.84 Mbit/s
95th percentile per-packet one-way delay: 85.363 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 92.84 Mbit/s
95th percentile per-packet one-way delay: 85.363 ms
Loss rate: 0.66%

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

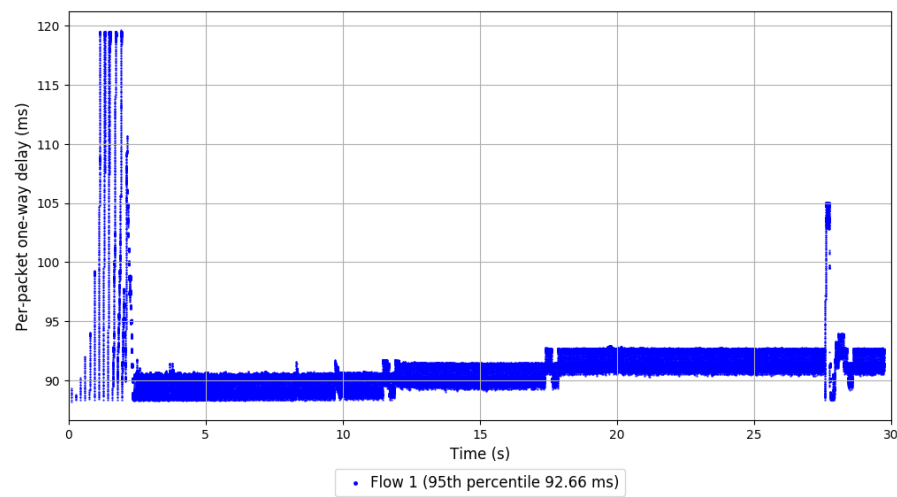
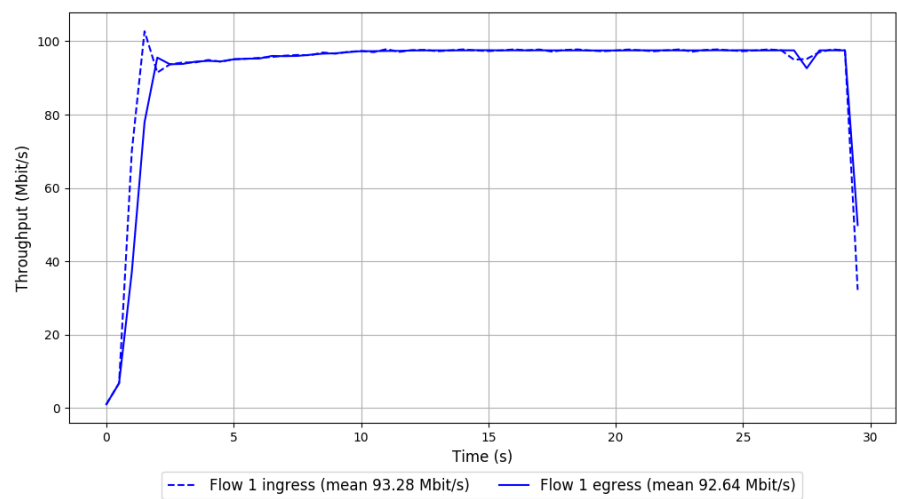


Run 3: Statistics of Indigo-1-32

Start at: 2018-03-13 05:16:48
End at: 2018-03-13 05:17:18
Local clock offset: -3.031 ms
Remote clock offset: -0.159 ms

Below is generated by plot.py at 2018-03-13 08:56:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.64 Mbit/s
95th percentile per-packet one-way delay: 92.659 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 92.64 Mbit/s
95th percentile per-packet one-way delay: 92.659 ms
Loss rate: 0.67%

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

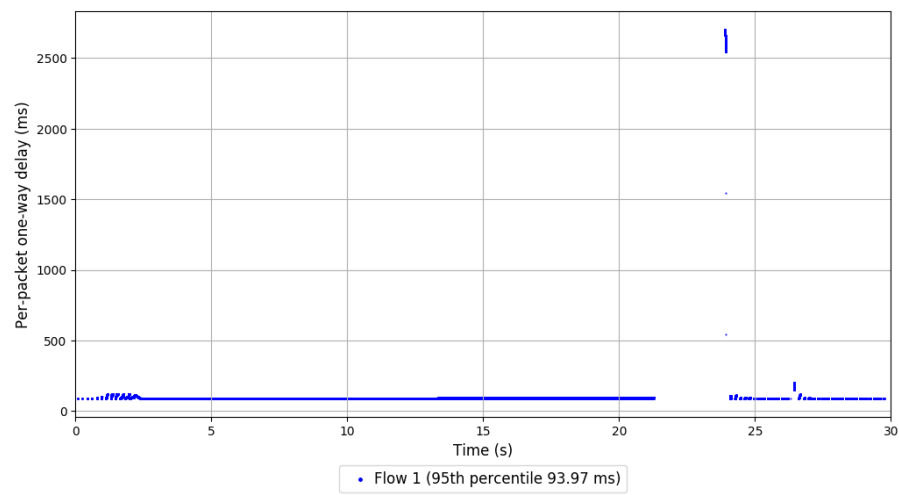
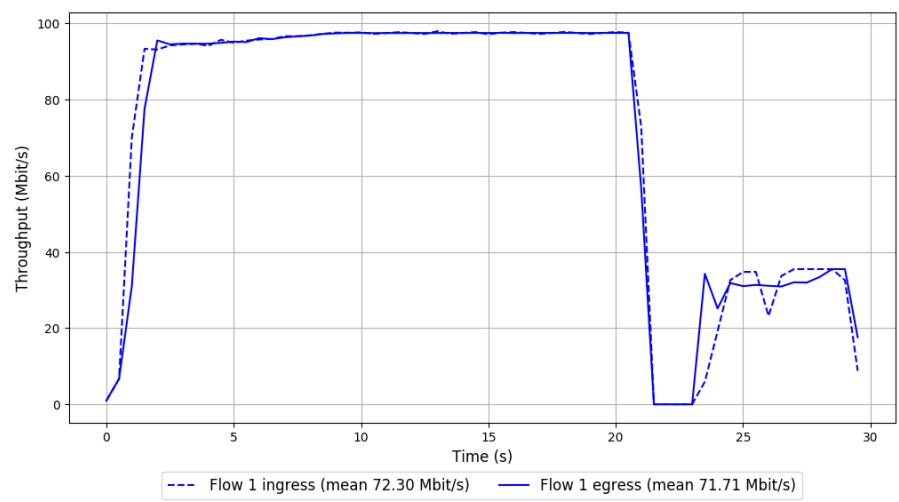


Run 4: Statistics of Indigo-1-32

Start at: 2018-03-13 05:38:49
End at: 2018-03-13 05:39:19
Local clock offset: -4.162 ms
Remote clock offset: -0.761 ms

Below is generated by plot.py at 2018-03-13 08:56:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 71.71 Mbit/s
95th percentile per-packet one-way delay: 93.971 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 71.71 Mbit/s
95th percentile per-packet one-way delay: 93.971 ms
Loss rate: 0.82%

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



Run 5: Statistics of Indigo-1-32

Start at: 2018-03-13 06:00:52

End at: 2018-03-13 06:01:22

Local clock offset: -7.005 ms

Remote clock offset: -6.433 ms

Below is generated by plot.py at 2018-03-13 08:56:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.11 Mbit/s

95th percentile per-packet one-way delay: 87.898 ms

Loss rate: 0.66%

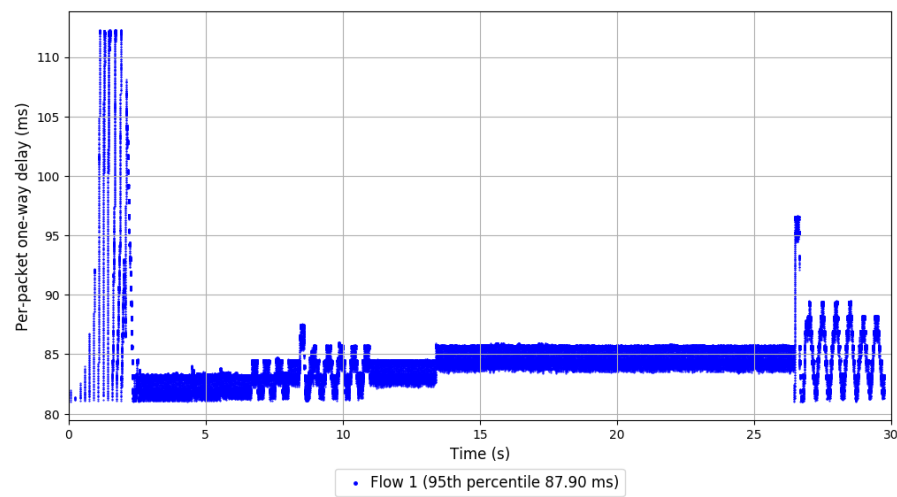
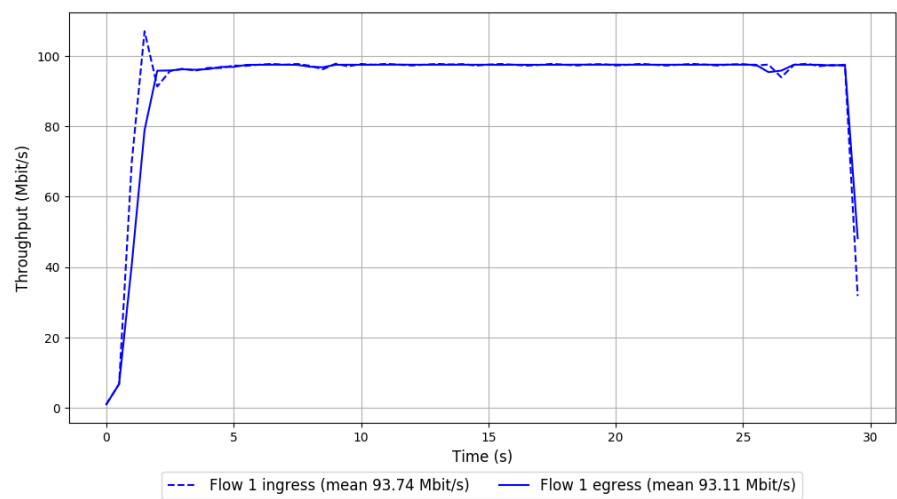
-- Flow 1:

Average throughput: 93.11 Mbit/s

95th percentile per-packet one-way delay: 87.898 ms

Loss rate: 0.66%

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



Run 6: Statistics of Indigo-1-32

Start at: 2018-03-13 06:22:54

End at: 2018-03-13 06:23:24

Local clock offset: -4.495 ms

Remote clock offset: -6.479 ms

Below is generated by plot.py at 2018-03-13 08:56:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.00 Mbit/s

95th percentile per-packet one-way delay: 86.611 ms

Loss rate: 0.66%

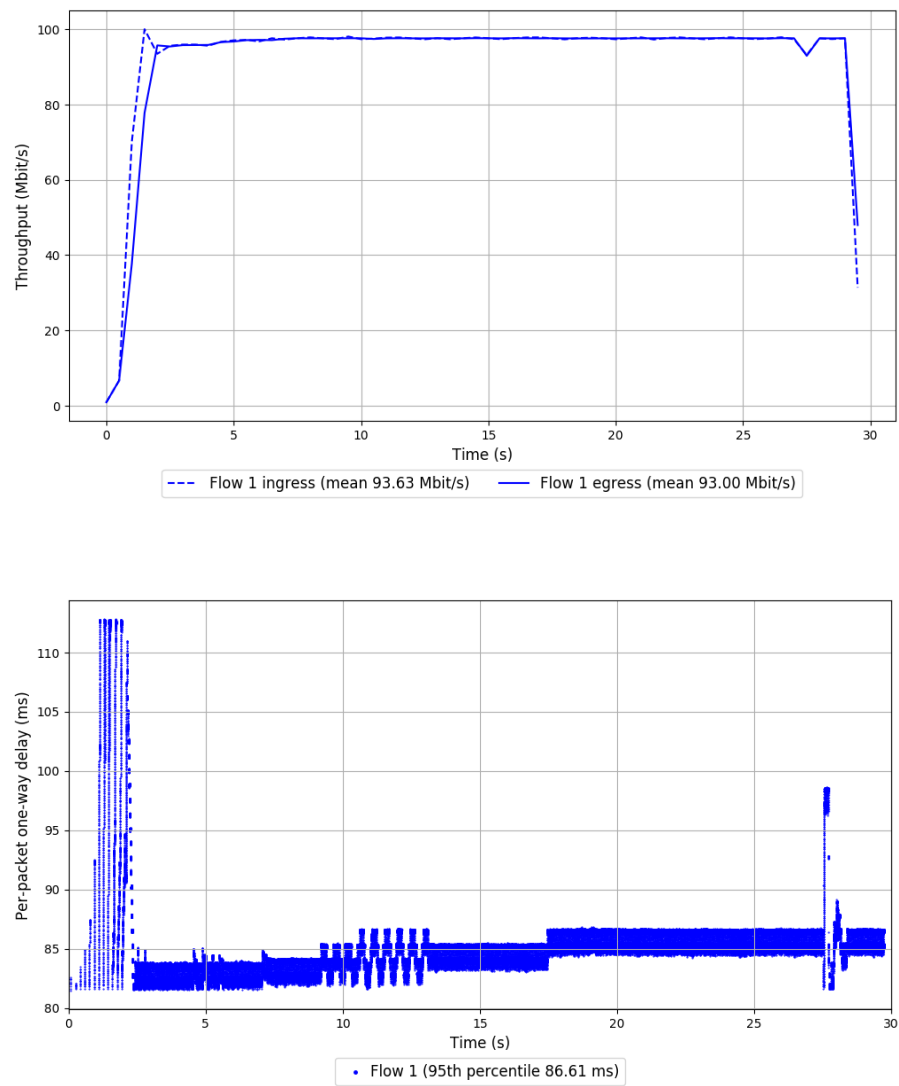
-- Flow 1:

Average throughput: 93.00 Mbit/s

95th percentile per-packet one-way delay: 86.611 ms

Loss rate: 0.66%

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

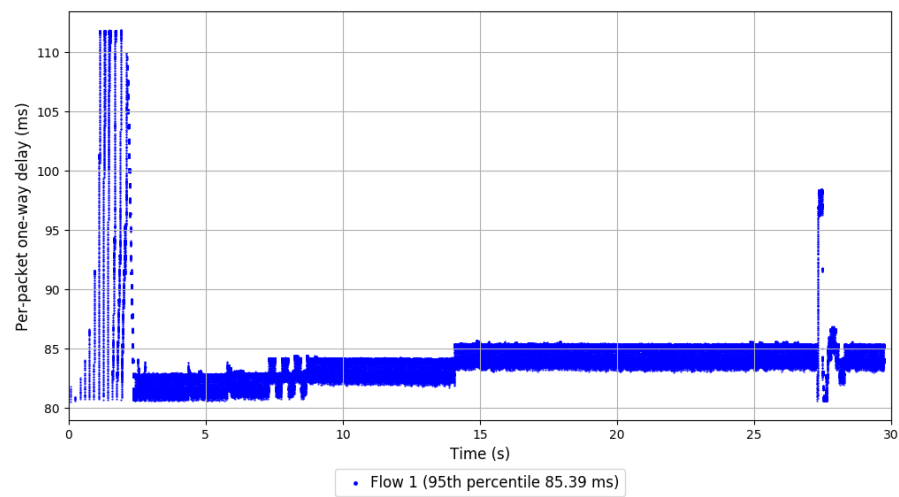
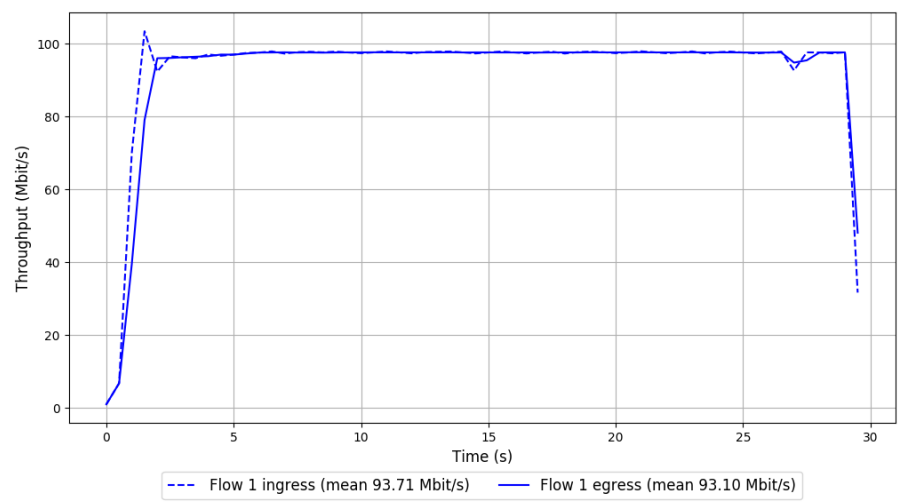


Run 7: Statistics of Indigo-1-32

Start at: 2018-03-13 06:44:55
End at: 2018-03-13 06:45:25
Local clock offset: -4.499 ms
Remote clock offset: -6.474 ms

Below is generated by plot.py at 2018-03-13 08:56:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.10 Mbit/s
95th percentile per-packet one-way delay: 85.394 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 93.10 Mbit/s
95th percentile per-packet one-way delay: 85.394 ms
Loss rate: 0.64%

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



Run 8: Statistics of Indigo-1-32

Start at: 2018-03-13 07:07:12

End at: 2018-03-13 07:07:42

Local clock offset: -6.251 ms

Remote clock offset: 0.087 ms

Below is generated by plot.py at 2018-03-13 08:56:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.09 Mbit/s

95th percentile per-packet one-way delay: 94.528 ms

Loss rate: 0.66%

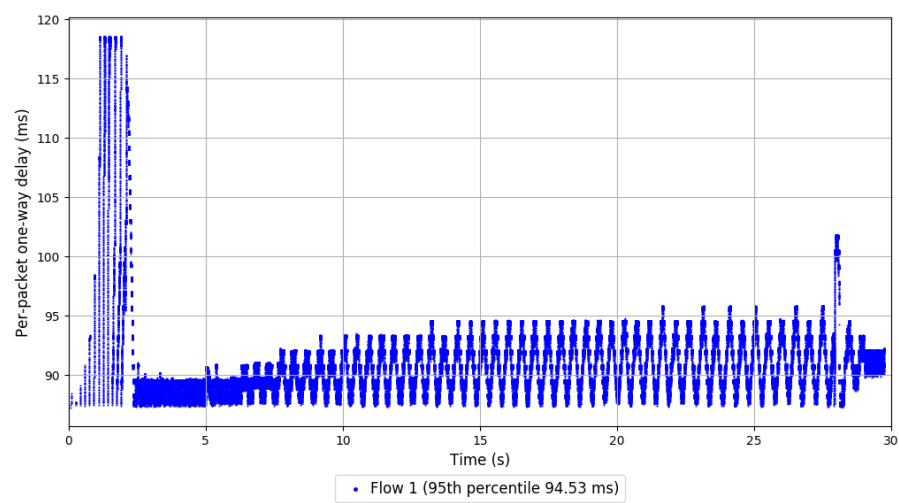
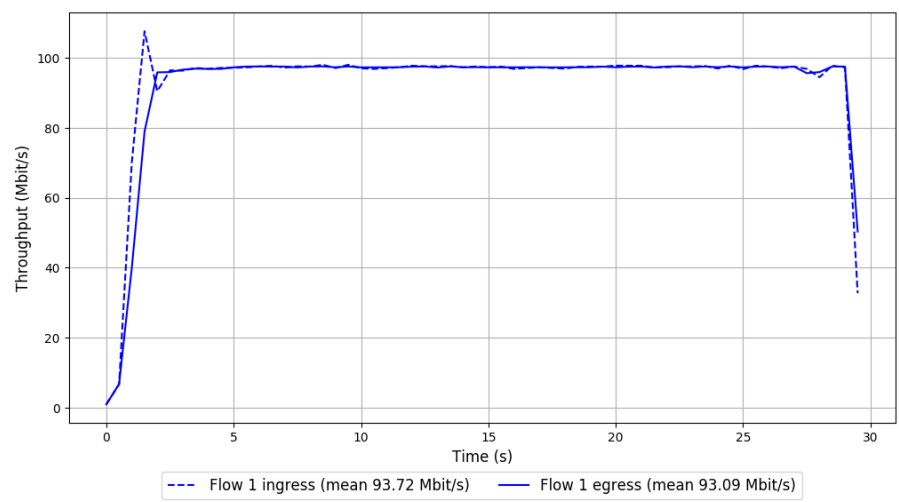
-- Flow 1:

Average throughput: 93.09 Mbit/s

95th percentile per-packet one-way delay: 94.528 ms

Loss rate: 0.66%

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

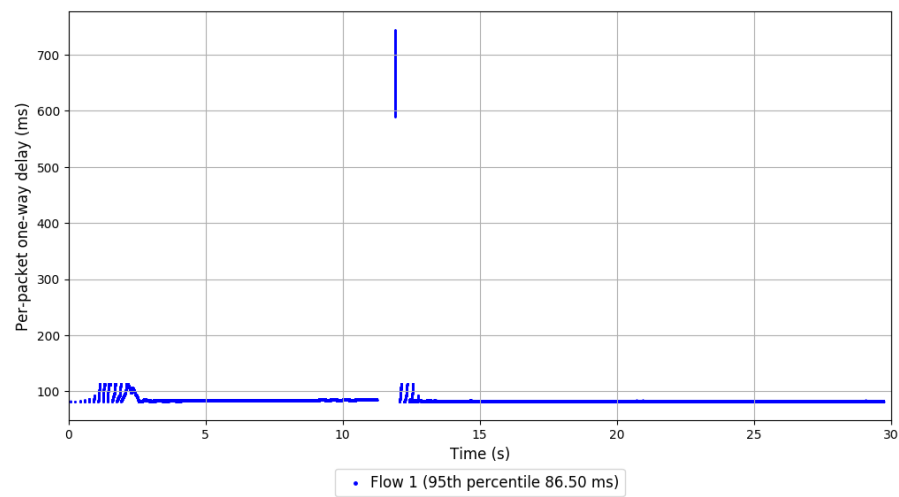
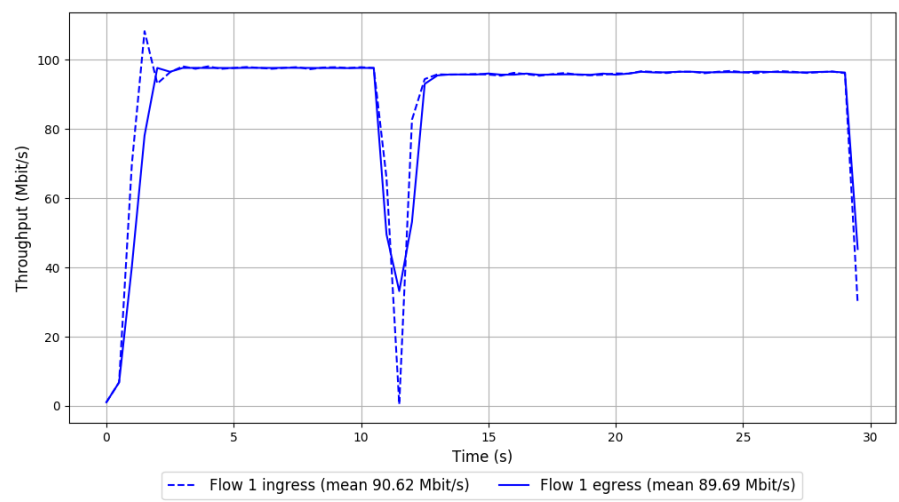


Run 9: Statistics of Indigo-1-32

Start at: 2018-03-13 07:29:29
End at: 2018-03-13 07:29:59
Local clock offset: -5.529 ms
Remote clock offset: -5.747 ms

Below is generated by plot.py at 2018-03-13 08:56:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.69 Mbit/s
95th percentile per-packet one-way delay: 86.495 ms
Loss rate: 1.02%
-- Flow 1:
Average throughput: 89.69 Mbit/s
95th percentile per-packet one-way delay: 86.495 ms
Loss rate: 1.02%

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

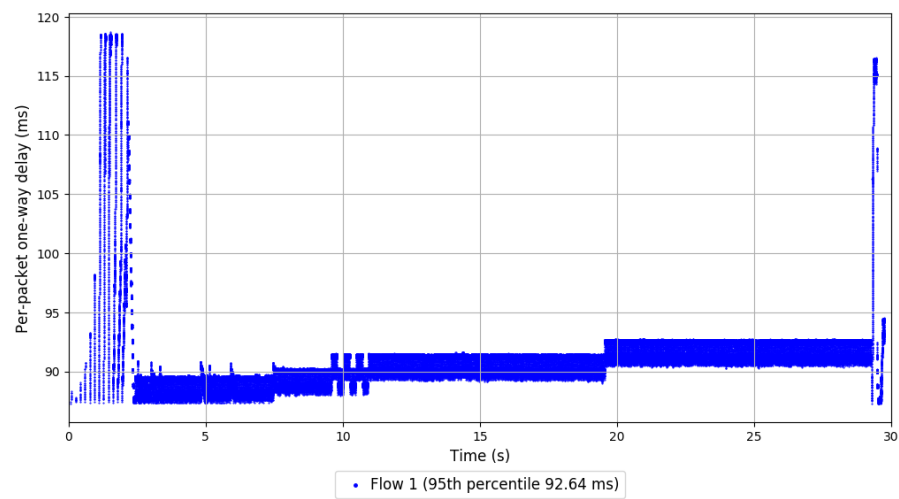
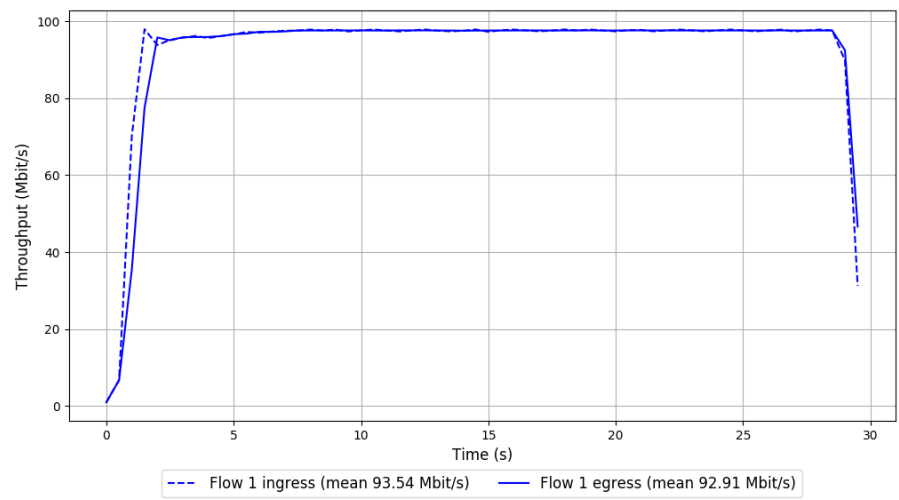


Run 10: Statistics of Indigo-1-32

Start at: 2018-03-13 07:51:31
End at: 2018-03-13 07:52:01
Local clock offset: -5.598 ms
Remote clock offset: -1.984 ms

Below is generated by plot.py at 2018-03-13 08:56:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.91 Mbit/s
95th percentile per-packet one-way delay: 92.645 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 92.91 Mbit/s
95th percentile per-packet one-way delay: 92.645 ms
Loss rate: 0.65%

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

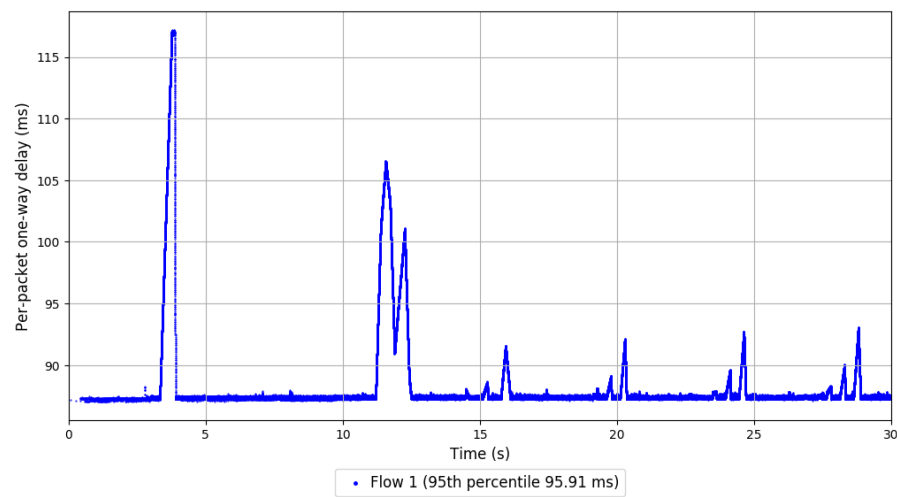
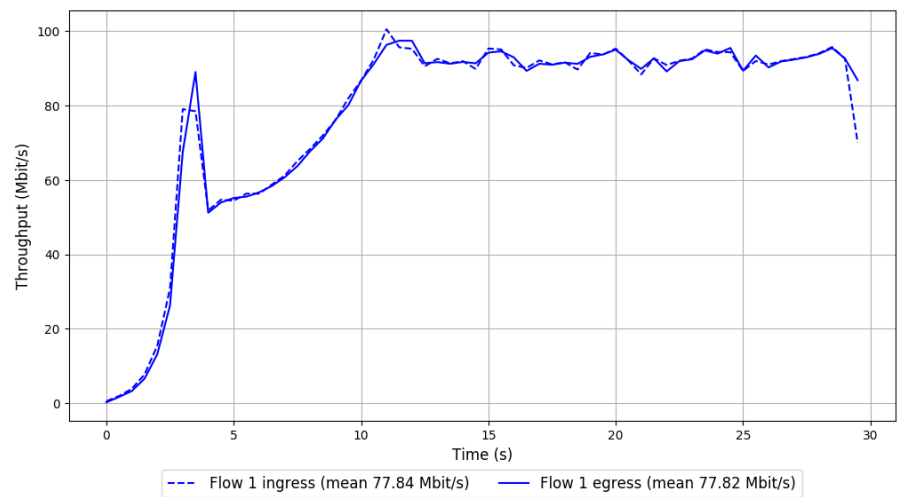


Run 1: Statistics of Vivace-latency

Start at: 2018-03-13 04:44:31
End at: 2018-03-13 04:45:01
Local clock offset: -4.916 ms
Remote clock offset: -0.777 ms

Below is generated by plot.py at 2018-03-13 08:56:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.82 Mbit/s
95th percentile per-packet one-way delay: 95.912 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 77.82 Mbit/s
95th percentile per-packet one-way delay: 95.912 ms
Loss rate: 0.03%

Run 1: Report of Vivace-latency — Data Link



Run 2: Statistics of Vivace-latency

Start at: 2018-03-13 05:06:51

End at: 2018-03-13 05:07:21

Local clock offset: -3.825 ms

Remote clock offset: -5.83 ms

Below is generated by plot.py at 2018-03-13 08:56:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.20 Mbit/s

95th percentile per-packet one-way delay: 91.827 ms

Loss rate: 0.03%

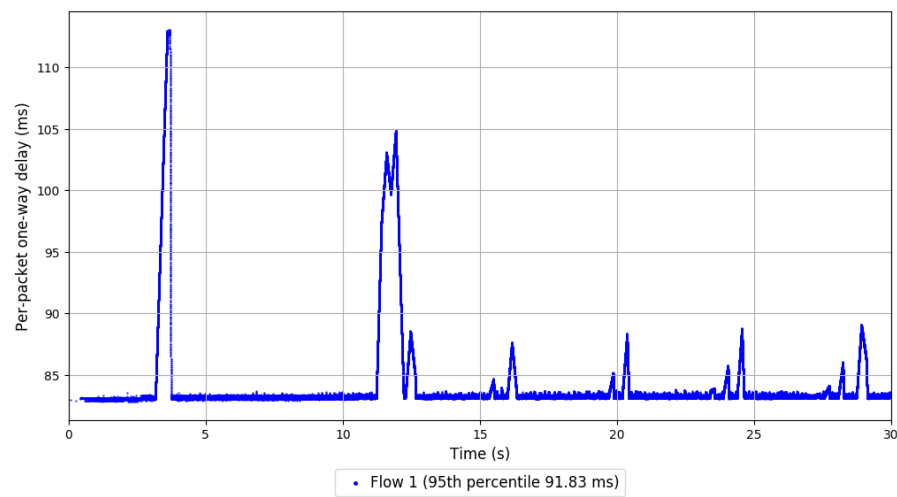
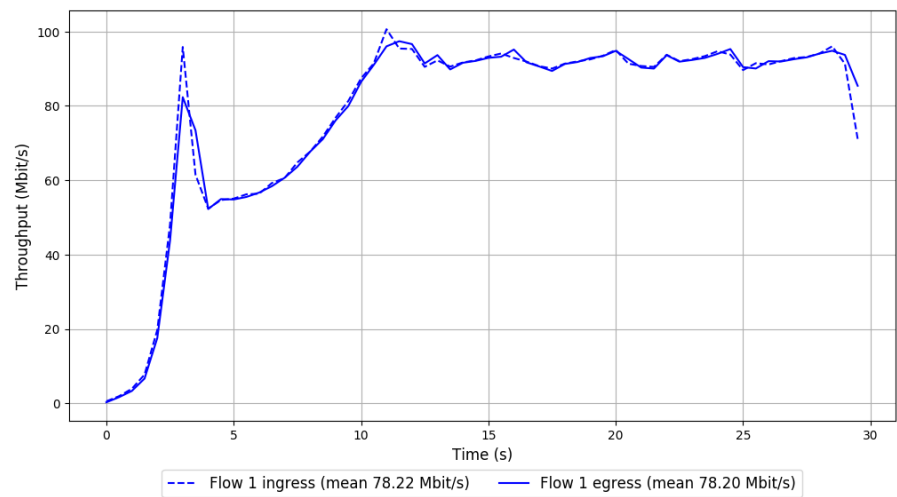
-- Flow 1:

Average throughput: 78.20 Mbit/s

95th percentile per-packet one-way delay: 91.827 ms

Loss rate: 0.03%

Run 2: Report of Vivace-latency — Data Link

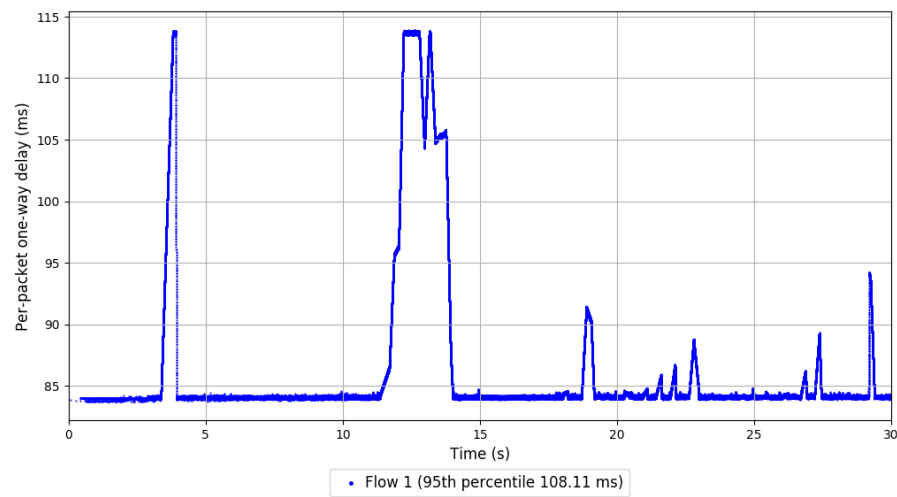
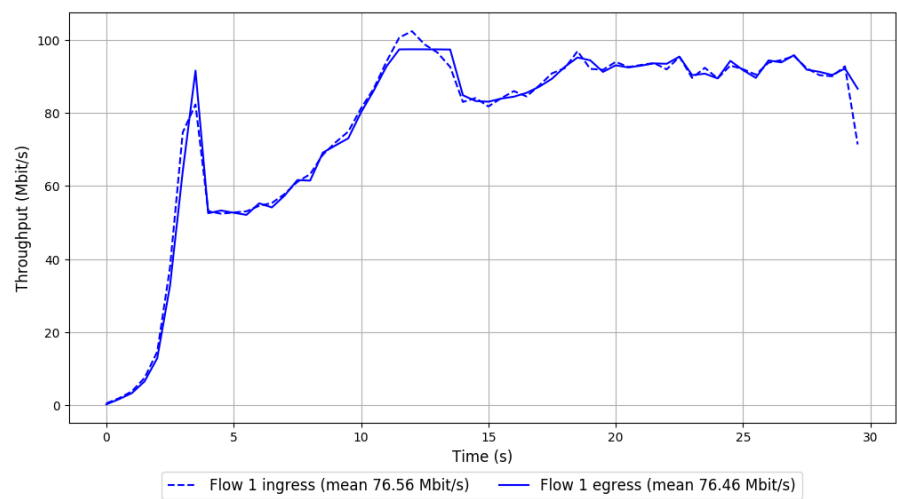


Run 3: Statistics of Vivace-latency

Start at: 2018-03-13 05:28:53
End at: 2018-03-13 05:29:23
Local clock offset: -2.668 ms
Remote clock offset: -5.429 ms

Below is generated by plot.py at 2018-03-13 08:56:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.46 Mbit/s
95th percentile per-packet one-way delay: 108.105 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 76.46 Mbit/s
95th percentile per-packet one-way delay: 108.105 ms
Loss rate: 0.14%

Run 3: Report of Vivace-latency — Data Link

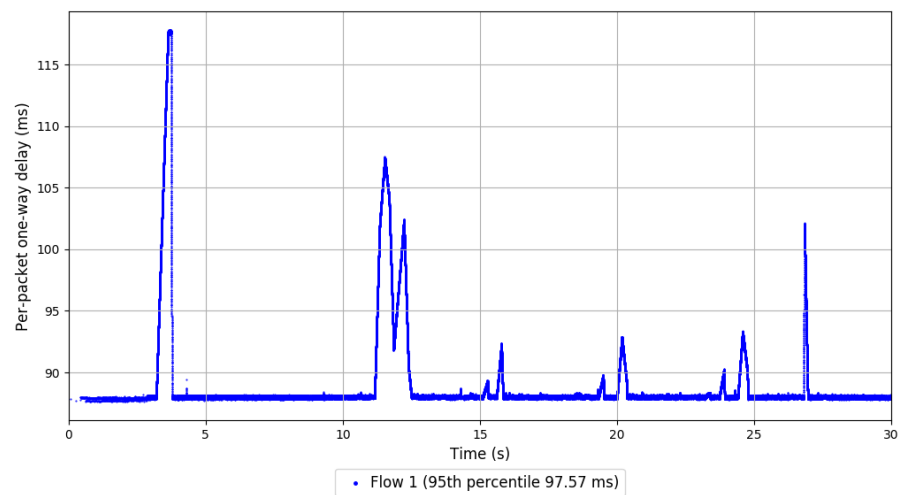
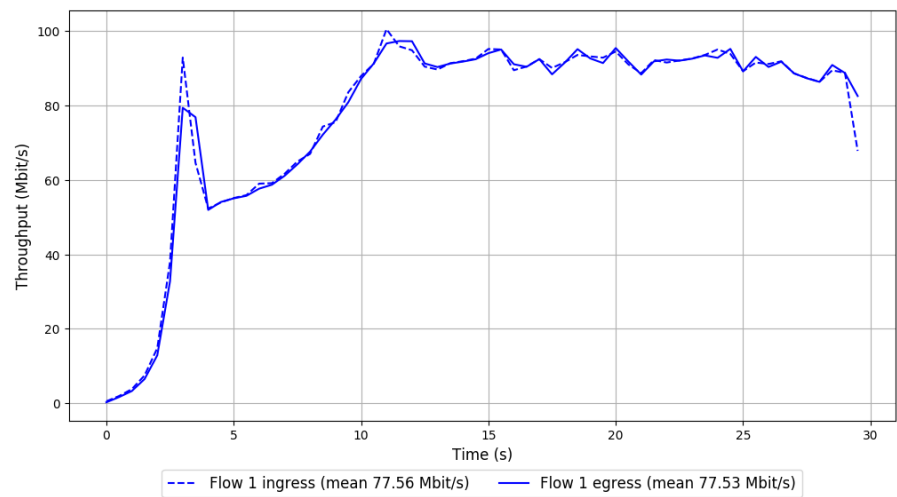


Run 4: Statistics of Vivace-latency

Start at: 2018-03-13 05:50:54
End at: 2018-03-13 05:51:24
Local clock offset: -6.121 ms
Remote clock offset: -1.481 ms

Below is generated by plot.py at 2018-03-13 08:56:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.53 Mbit/s
95th percentile per-packet one-way delay: 97.568 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 77.53 Mbit/s
95th percentile per-packet one-way delay: 97.568 ms
Loss rate: 0.04%

Run 4: Report of Vivace-latency — Data Link

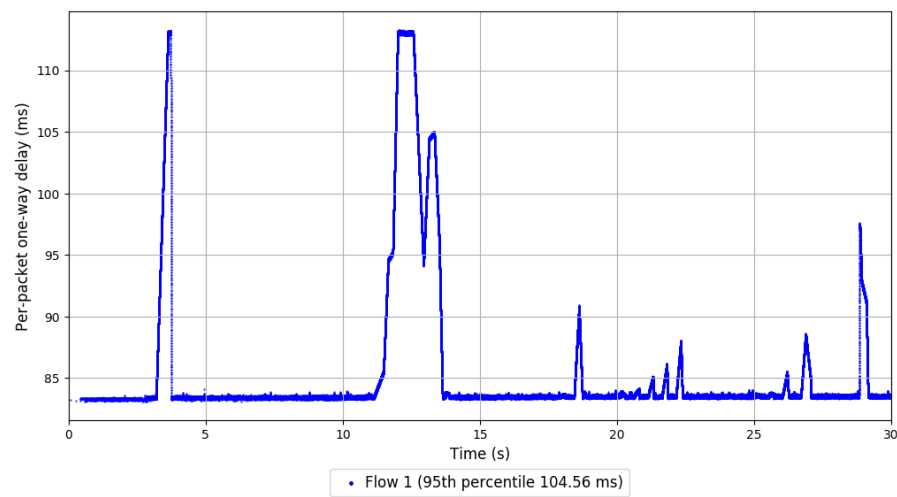
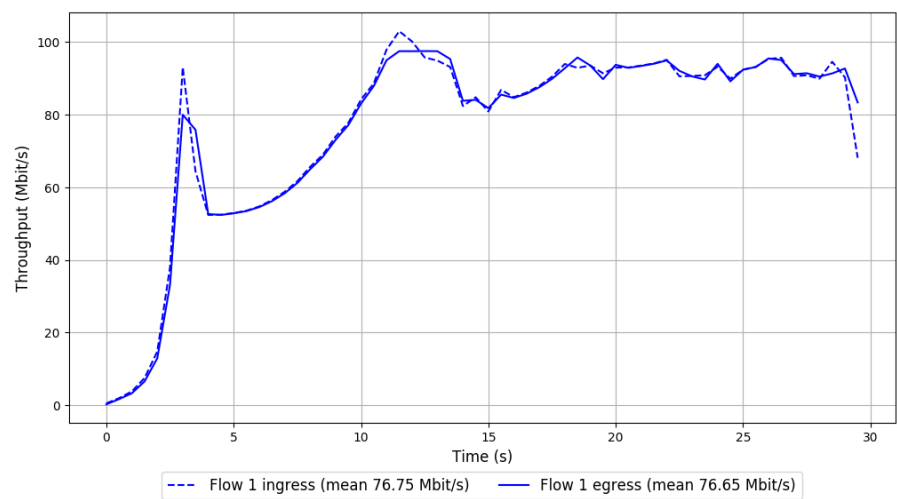


Run 5: Statistics of Vivace-latency

Start at: 2018-03-13 06:12:57
End at: 2018-03-13 06:13:27
Local clock offset: -5.795 ms
Remote clock offset: -5.729 ms

Below is generated by plot.py at 2018-03-13 08:56:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.65 Mbit/s
95th percentile per-packet one-way delay: 104.565 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 76.65 Mbit/s
95th percentile per-packet one-way delay: 104.565 ms
Loss rate: 0.13%

Run 5: Report of Vivace-latency — Data Link

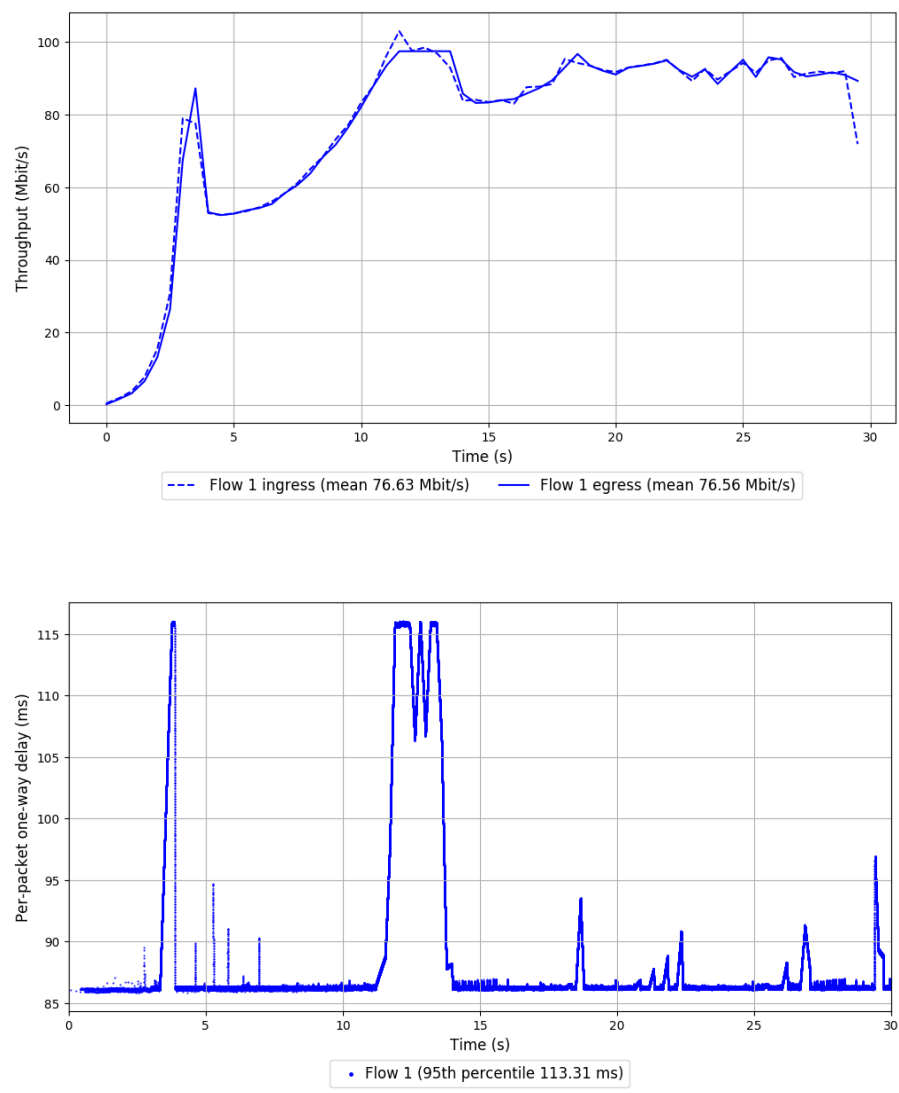


Run 6: Statistics of Vivace-latency

Start at: 2018-03-13 06:34:59
End at: 2018-03-13 06:35:29
Local clock offset: -3.959 ms
Remote clock offset: -0.895 ms

Below is generated by plot.py at 2018-03-13 08:56:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.56 Mbit/s
95th percentile per-packet one-way delay: 113.308 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 76.56 Mbit/s
95th percentile per-packet one-way delay: 113.308 ms
Loss rate: 0.10%

Run 6: Report of Vivace-latency — Data Link

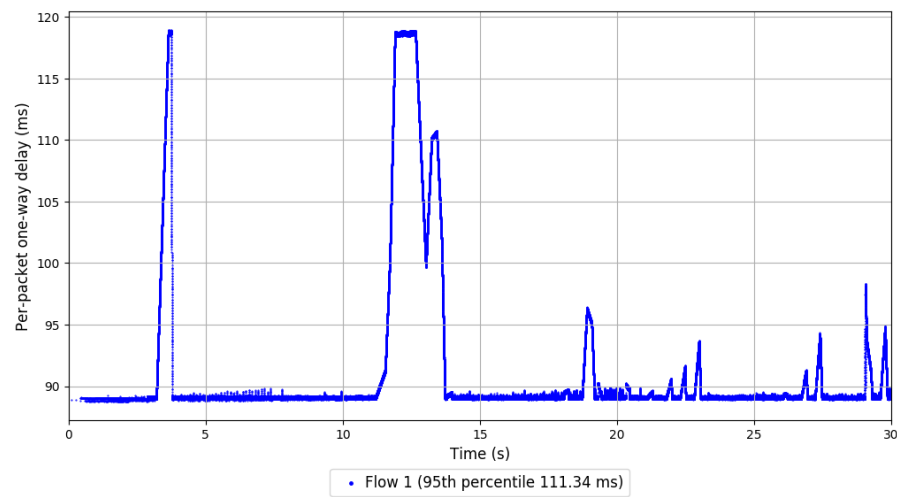
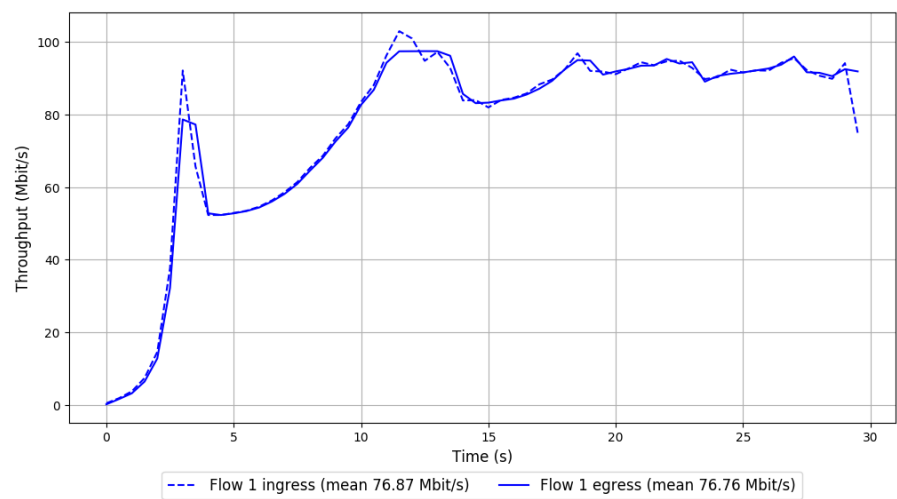


Run 7: Statistics of Vivace-latency

Start at: 2018-03-13 06:57:01
End at: 2018-03-13 06:57:31
Local clock offset: -5.768 ms
Remote clock offset: -0.718 ms

Below is generated by plot.py at 2018-03-13 08:56:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.76 Mbit/s
95th percentile per-packet one-way delay: 111.337 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 76.76 Mbit/s
95th percentile per-packet one-way delay: 111.337 ms
Loss rate: 0.13%

Run 7: Report of Vivace-latency — Data Link

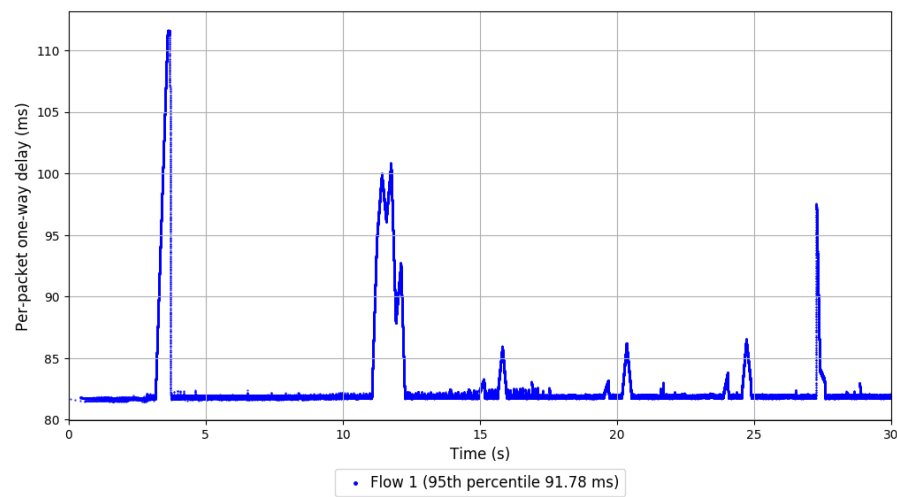
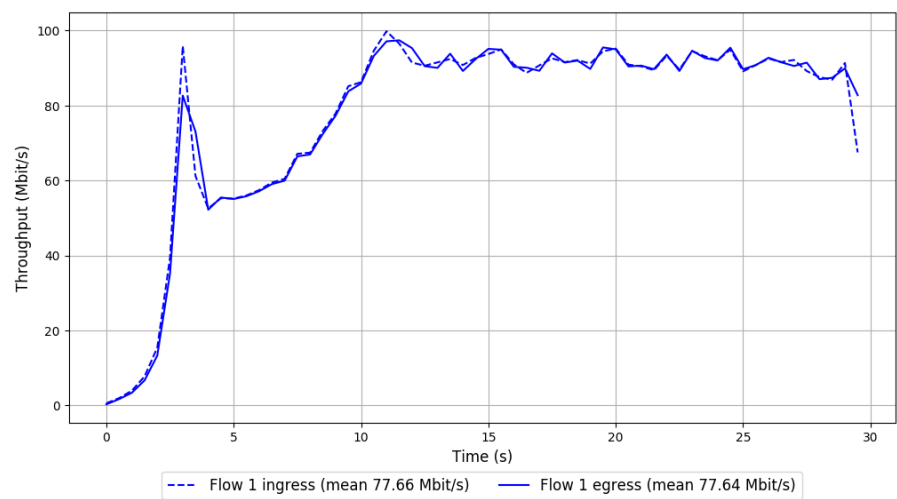


Run 8: Statistics of Vivace-latency

Start at: 2018-03-13 07:19:17
End at: 2018-03-13 07:19:47
Local clock offset: -6.186 ms
Remote clock offset: -5.697 ms

Below is generated by plot.py at 2018-03-13 08:56:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.64 Mbit/s
95th percentile per-packet one-way delay: 91.777 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 77.64 Mbit/s
95th percentile per-packet one-way delay: 91.777 ms
Loss rate: 0.03%

Run 8: Report of Vivace-latency — Data Link

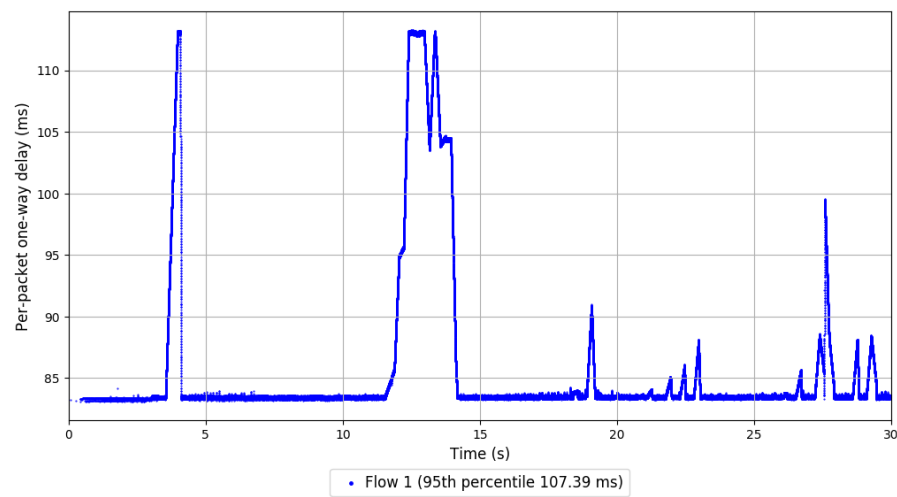
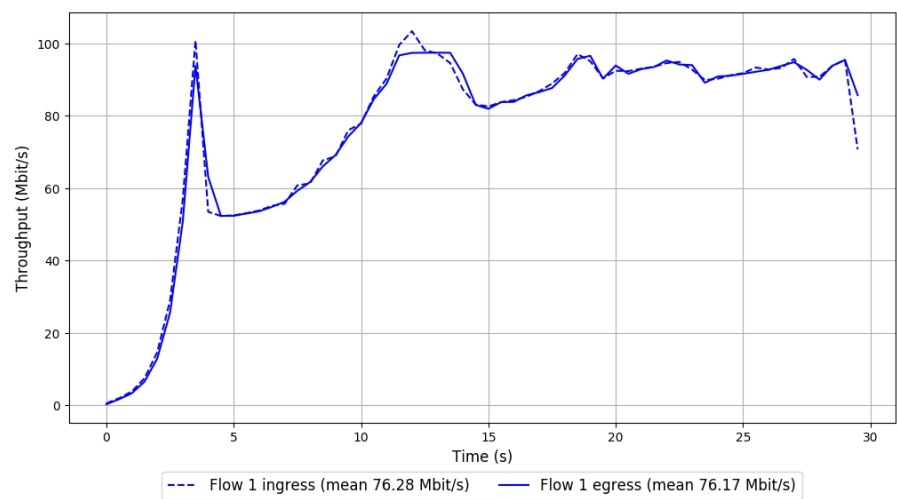


Run 9: Statistics of Vivace-latency

Start at: 2018-03-13 07:41:34
End at: 2018-03-13 07:42:04
Local clock offset: -5.372 ms
Remote clock offset: -6.705 ms

Below is generated by plot.py at 2018-03-13 08:56:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.17 Mbit/s
95th percentile per-packet one-way delay: 107.392 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 76.17 Mbit/s
95th percentile per-packet one-way delay: 107.392 ms
Loss rate: 0.14%

Run 9: Report of Vivace-latency — Data Link

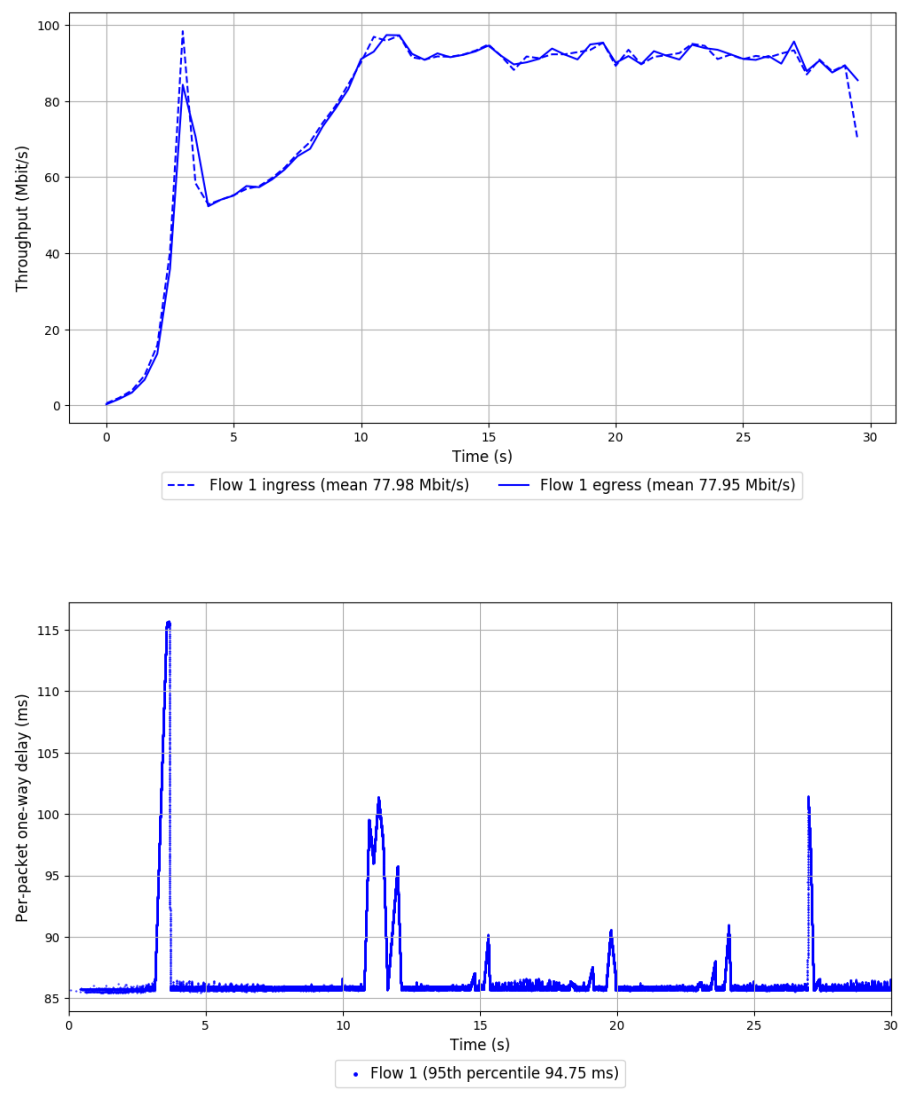


Run 10: Statistics of Vivace-latency

Start at: 2018-03-13 08:03:41
End at: 2018-03-13 08:04:11
Local clock offset: -6.775 ms
Remote clock offset: -1.904 ms

Below is generated by plot.py at 2018-03-13 08:56:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.95 Mbit/s
95th percentile per-packet one-way delay: 94.745 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 77.95 Mbit/s
95th percentile per-packet one-way delay: 94.745 ms
Loss rate: 0.03%

Run 10: Report of Vivace-latency — Data Link

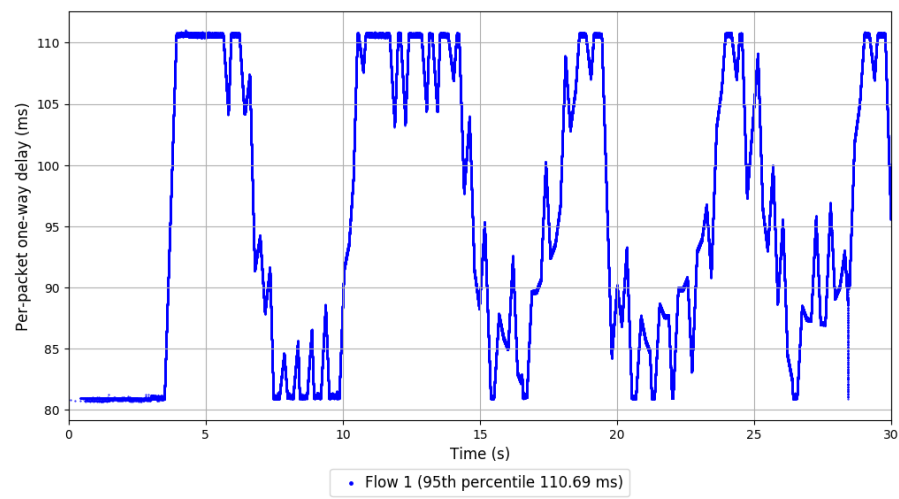
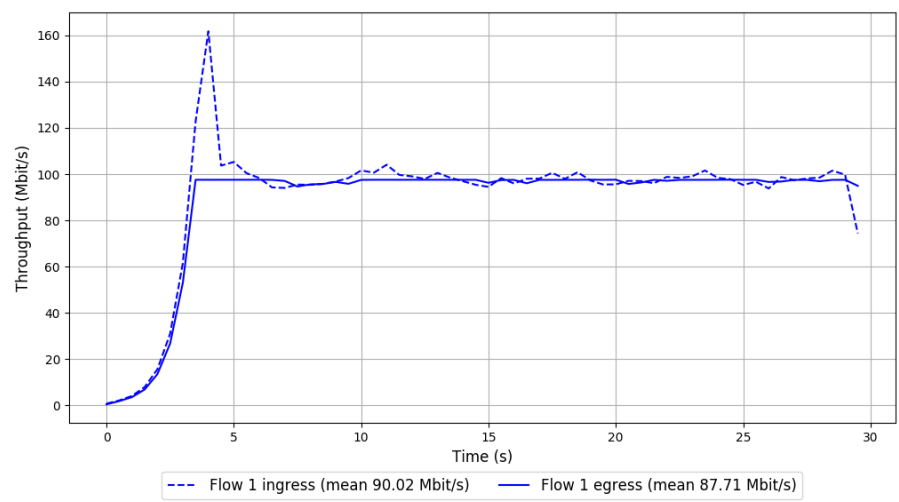


```
Run 1: Statistics of Vivace-loss

Start at: 2018-03-13 04:45:46
End at: 2018-03-13 04:46:16
Local clock offset: -4.969 ms
Remote clock offset: -5.636 ms

# Below is generated by plot.py at 2018-03-13 08:57:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.71 Mbit/s
95th percentile per-packet one-way delay: 110.687 ms
Loss rate: 2.52%
-- Flow 1:
Average throughput: 87.71 Mbit/s
95th percentile per-packet one-way delay: 110.687 ms
Loss rate: 2.52%
```

Run 1: Report of Vivace-loss — Data Link



Run 2: Statistics of Vivace-loss

Start at: 2018-03-13 05:08:06

End at: 2018-03-13 05:08:36

Local clock offset: -3.616 ms

Remote clock offset: 0.841 ms

Below is generated by plot.py at 2018-03-13 08:57:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.35 Mbit/s

95th percentile per-packet one-way delay: 117.506 ms

Loss rate: 2.46%

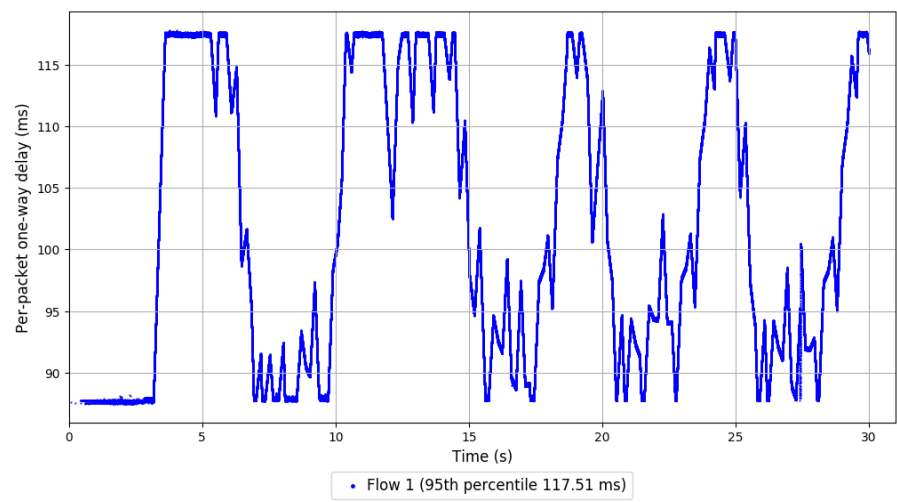
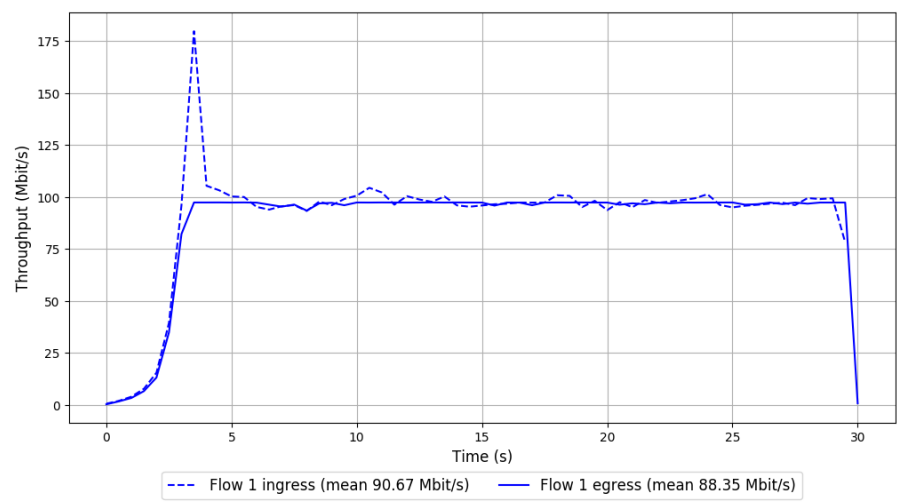
-- Flow 1:

Average throughput: 88.35 Mbit/s

95th percentile per-packet one-way delay: 117.506 ms

Loss rate: 2.46%

Run 2: Report of Vivace-loss — Data Link

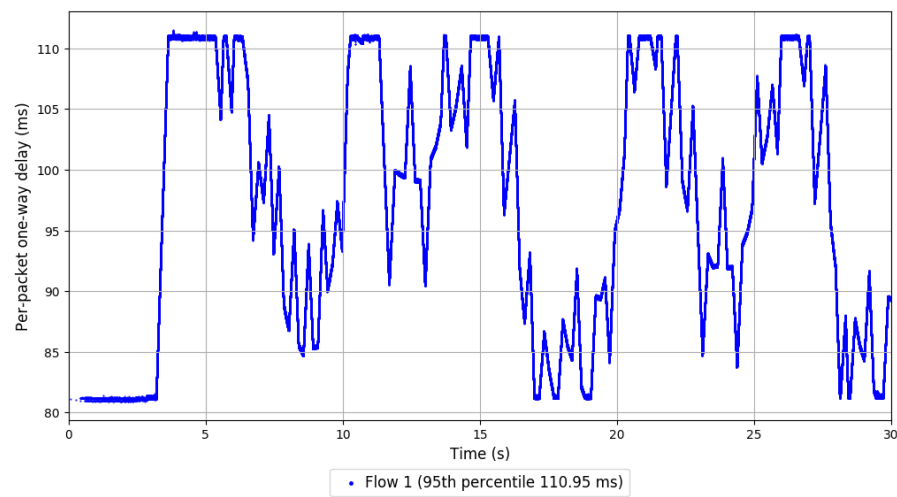
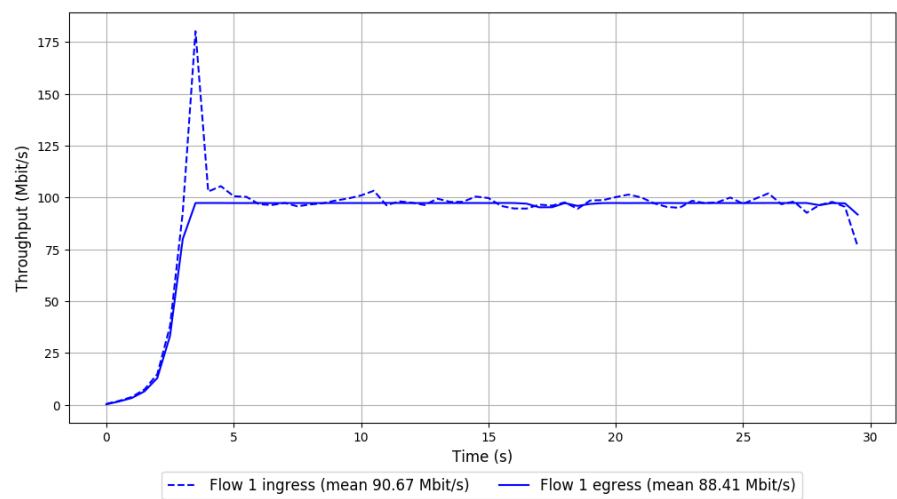


Run 3: Statistics of Vivace-loss

Start at: 2018-03-13 05:30:08
End at: 2018-03-13 05:30:38
Local clock offset: -2.604 ms
Remote clock offset: -6.176 ms

Below is generated by plot.py at 2018-03-13 08:57:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.41 Mbit/s
95th percentile per-packet one-way delay: 110.951 ms
Loss rate: 2.47%
-- Flow 1:
Average throughput: 88.41 Mbit/s
95th percentile per-packet one-way delay: 110.951 ms
Loss rate: 2.47%

Run 3: Report of Vivace-loss — Data Link

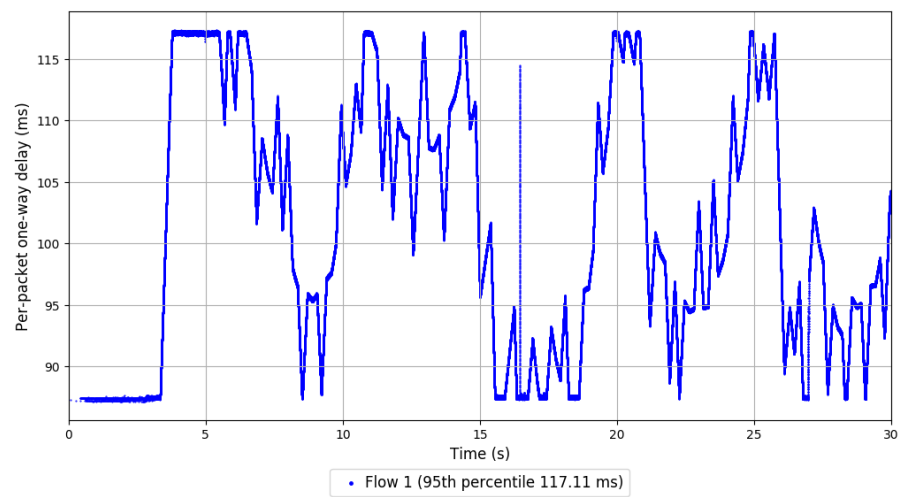
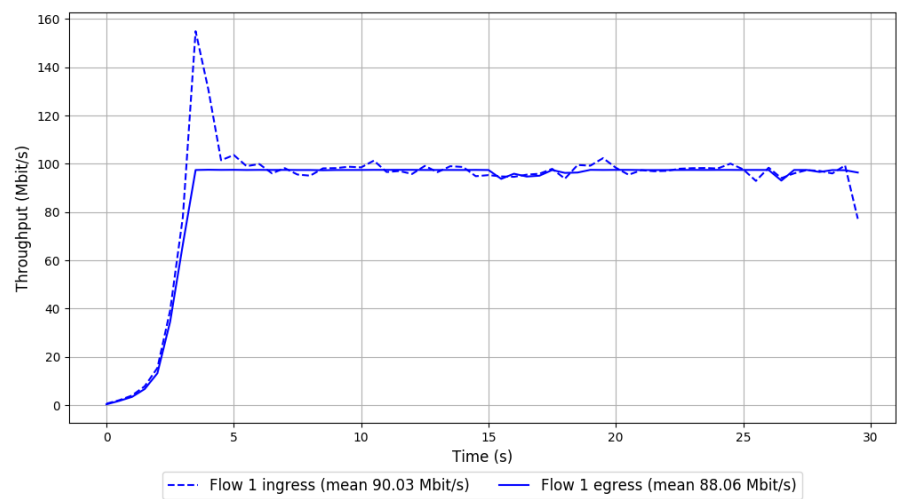


Run 4: Statistics of Vivace-loss

Start at: 2018-03-13 05:52:09
End at: 2018-03-13 05:52:39
Local clock offset: -6.345 ms
Remote clock offset: -0.573 ms

Below is generated by plot.py at 2018-03-13 08:57:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.06 Mbit/s
95th percentile per-packet one-way delay: 117.109 ms
Loss rate: 2.13%
-- Flow 1:
Average throughput: 88.06 Mbit/s
95th percentile per-packet one-way delay: 117.109 ms
Loss rate: 2.13%

Run 4: Report of Vivace-loss — Data Link

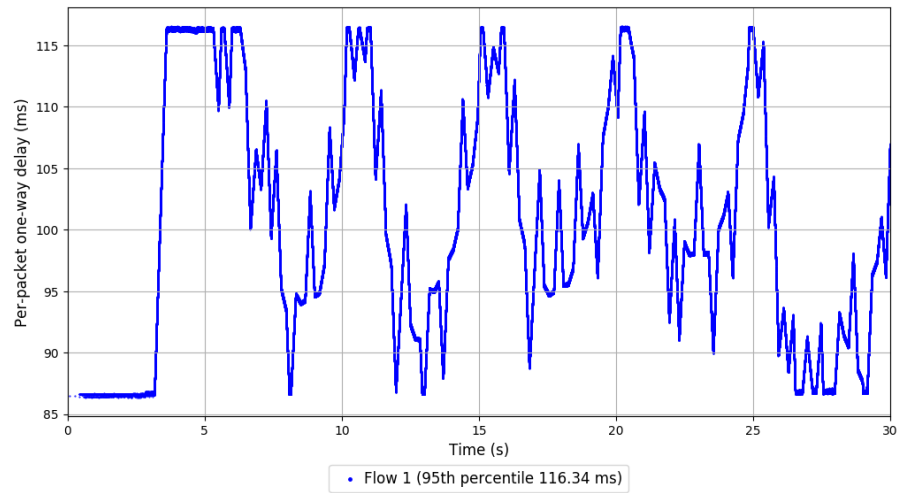
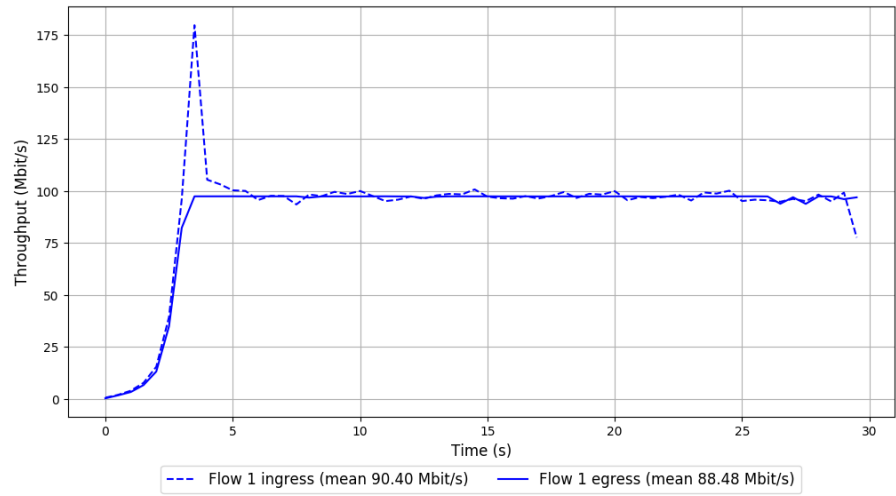


Run 5: Statistics of Vivace-loss

Start at: 2018-03-13 06:14:12
End at: 2018-03-13 06:14:42
Local clock offset: -5.547 ms
Remote clock offset: -0.786 ms

Below is generated by plot.py at 2018-03-13 08:57:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.48 Mbit/s
95th percentile per-packet one-way delay: 116.340 ms
Loss rate: 2.06%
-- Flow 1:
Average throughput: 88.48 Mbit/s
95th percentile per-packet one-way delay: 116.340 ms
Loss rate: 2.06%

Run 5: Report of Vivace-loss — Data Link



Run 6: Statistics of Vivace-loss

Start at: 2018-03-13 06:36:14

End at: 2018-03-13 06:36:44

Local clock offset: -3.981 ms

Remote clock offset: -1.557 ms

Below is generated by plot.py at 2018-03-13 08:57:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.02 Mbit/s

95th percentile per-packet one-way delay: 117.440 ms

Loss rate: 2.40%

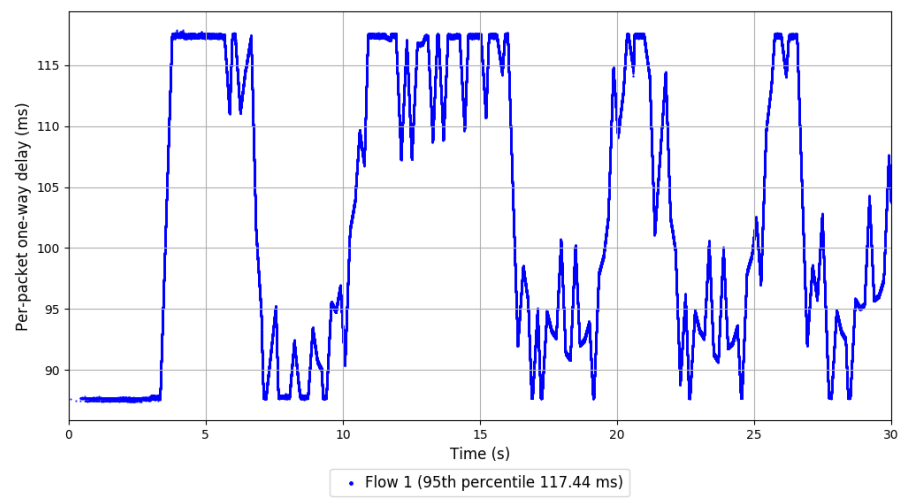
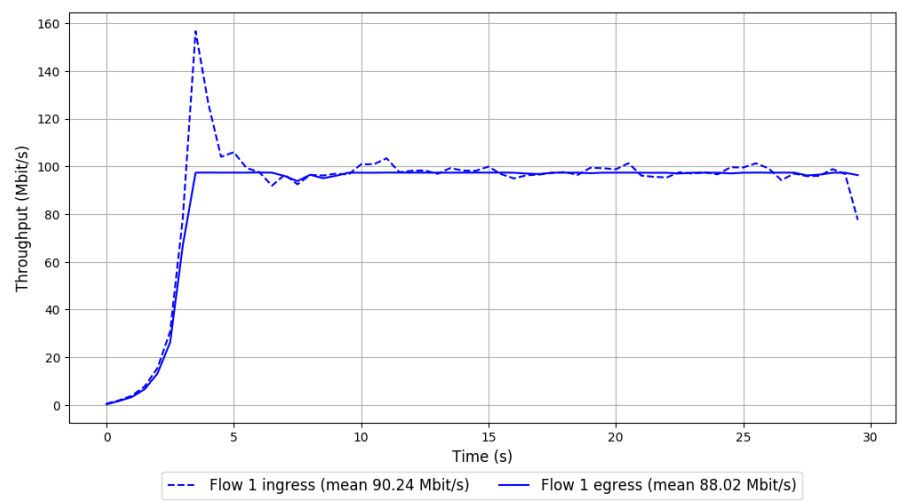
-- Flow 1:

Average throughput: 88.02 Mbit/s

95th percentile per-packet one-way delay: 117.440 ms

Loss rate: 2.40%

Run 6: Report of Vivace-loss — Data Link



Run 7: Statistics of Vivace-loss

Start at: 2018-03-13 06:58:15

End at: 2018-03-13 06:58:45

Local clock offset: -5.87 ms

Remote clock offset: 0.116 ms

Below is generated by plot.py at 2018-03-13 08:57:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.84 Mbit/s

95th percentile per-packet one-way delay: 118.817 ms

Loss rate: 2.34%

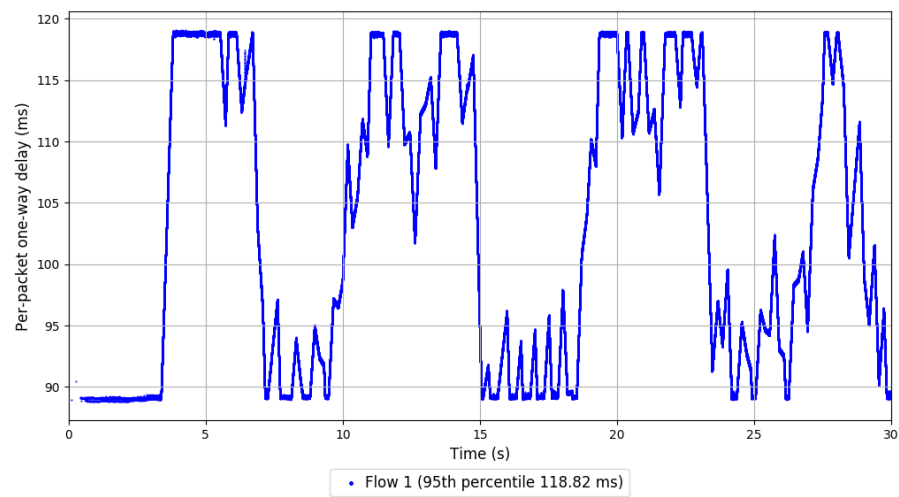
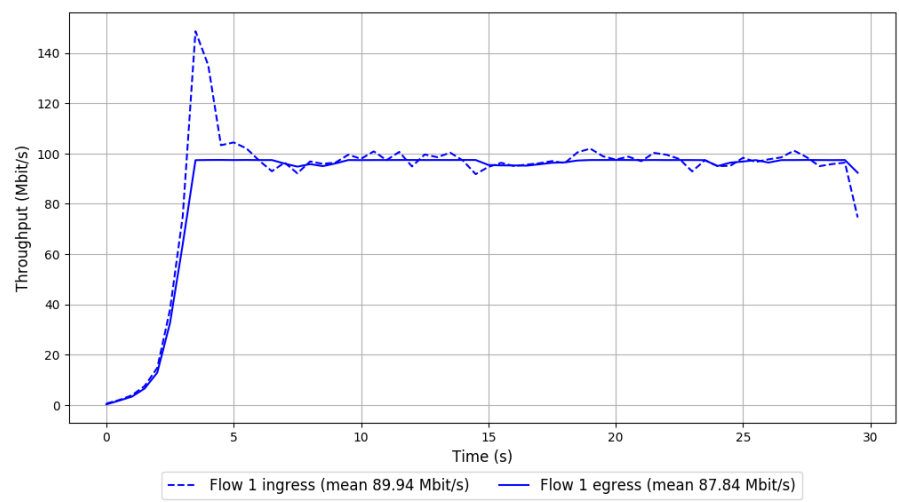
-- Flow 1:

Average throughput: 87.84 Mbit/s

95th percentile per-packet one-way delay: 118.817 ms

Loss rate: 2.34%

Run 7: Report of Vivace-loss — Data Link



Run 8: Statistics of Vivace-loss

Start at: 2018-03-13 07:20:32

End at: 2018-03-13 07:21:02

Local clock offset: -6.009 ms

Remote clock offset: -0.646 ms

Below is generated by plot.py at 2018-03-13 08:58:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.24 Mbit/s

95th percentile per-packet one-way delay: 117.225 ms

Loss rate: 2.22%

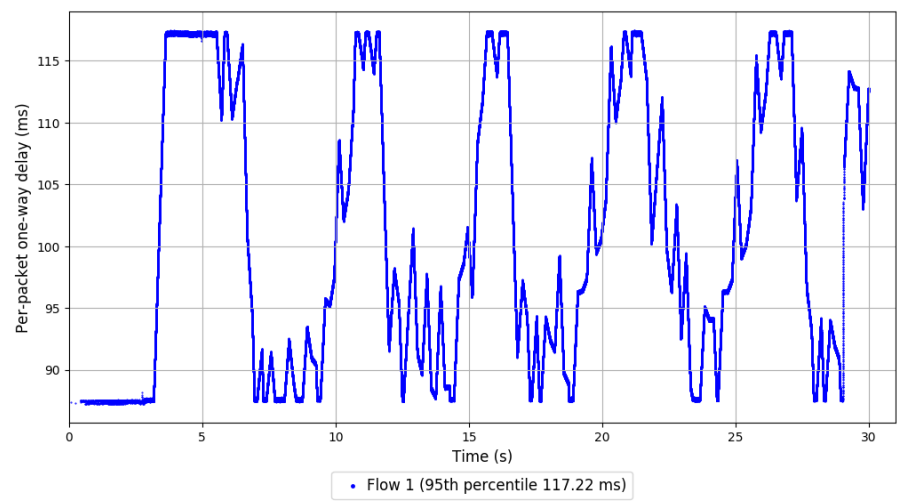
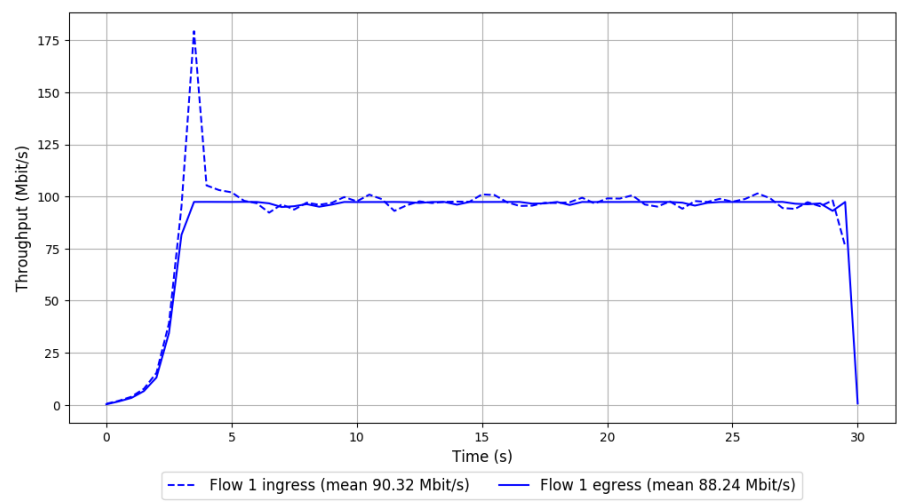
-- Flow 1:

Average throughput: 88.24 Mbit/s

95th percentile per-packet one-way delay: 117.225 ms

Loss rate: 2.22%

Run 8: Report of Vivace-loss — Data Link

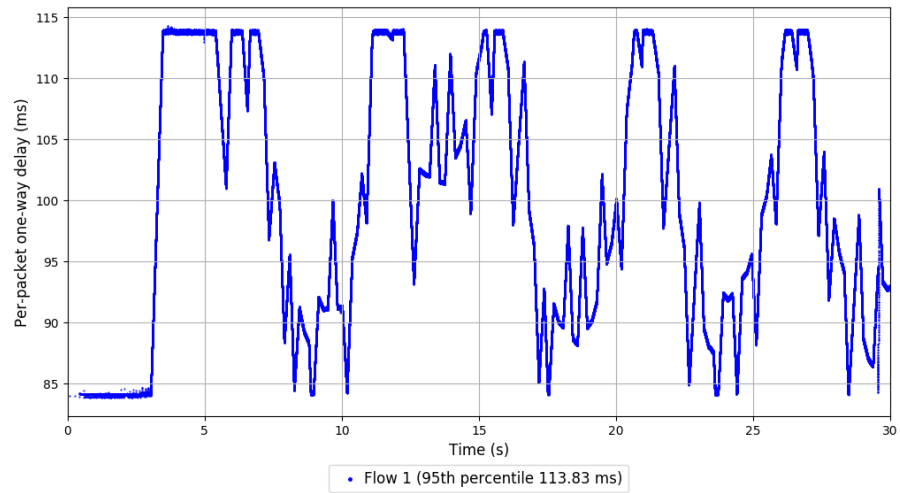
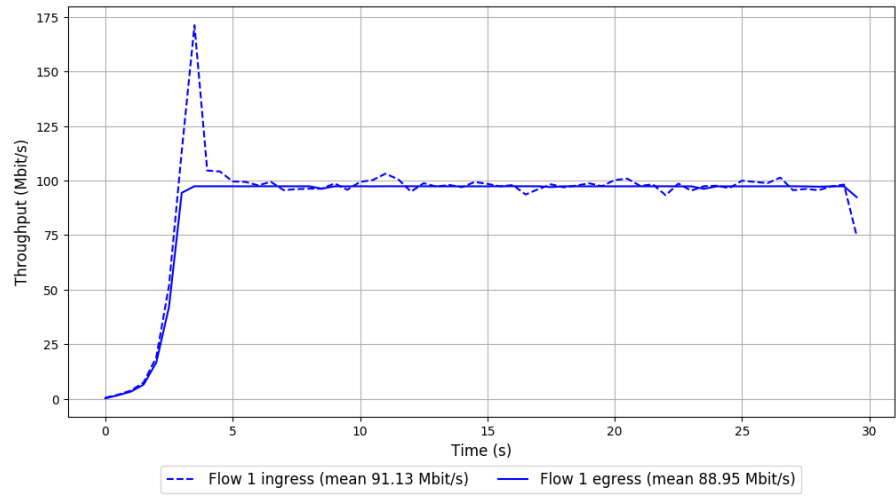


Run 9: Statistics of Vivace-loss

Start at: 2018-03-13 07:42:49
End at: 2018-03-13 07:43:19
Local clock offset: -5.368 ms
Remote clock offset: -5.967 ms

Below is generated by plot.py at 2018-03-13 08:58:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.95 Mbit/s
95th percentile per-packet one-way delay: 113.834 ms
Loss rate: 2.37%
-- Flow 1:
Average throughput: 88.95 Mbit/s
95th percentile per-packet one-way delay: 113.834 ms
Loss rate: 2.37%

Run 9: Report of Vivace-loss — Data Link

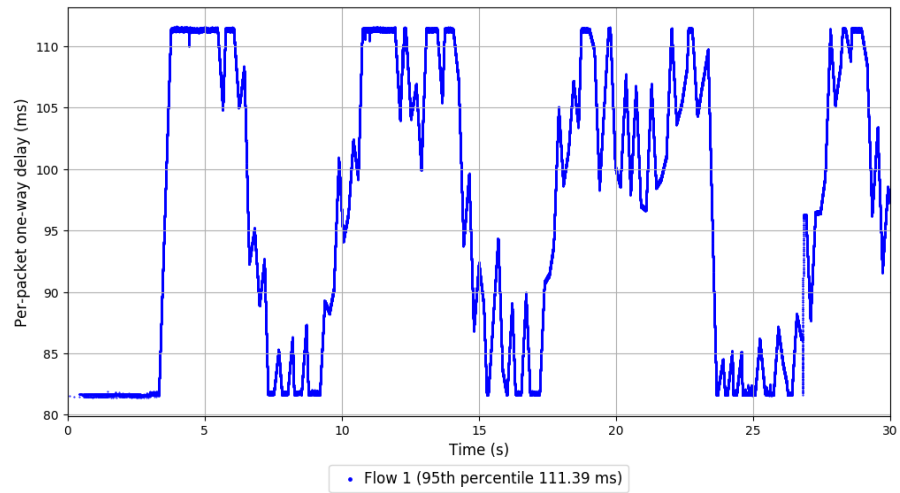
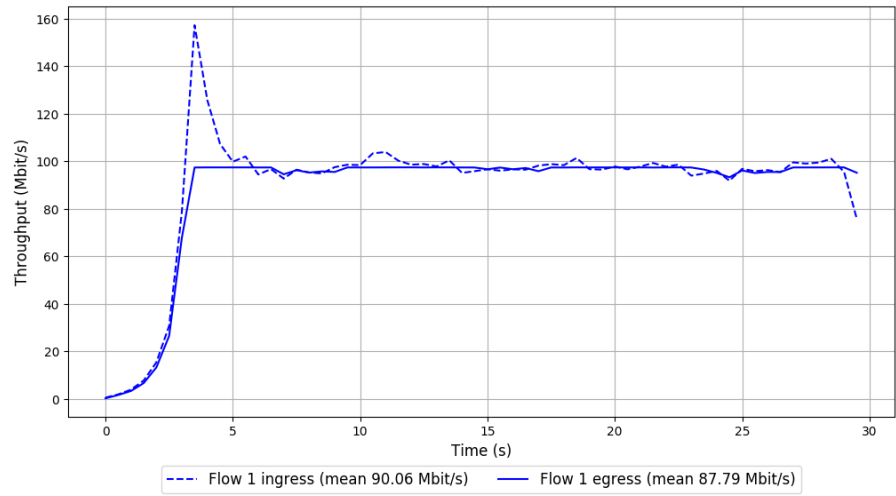


Run 10: Statistics of Vivace-loss

Start at: 2018-03-13 08:04:56
End at: 2018-03-13 08:05:26
Local clock offset: -6.77 ms
Remote clock offset: -5.926 ms

Below is generated by plot.py at 2018-03-13 08:58:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.79 Mbit/s
95th percentile per-packet one-way delay: 111.393 ms
Loss rate: 2.46%
-- Flow 1:
Average throughput: 87.79 Mbit/s
95th percentile per-packet one-way delay: 111.393 ms
Loss rate: 2.46%

Run 10: Report of Vivace-loss — Data Link



Run 1: Statistics of Vivace-LTE

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

End at: 2018-03-13 04:40:09

Local clock offset: -4.938 ms

Remote clock offset: 1.123 ms

Below is generated by plot.py at 2018-03-13 08:58:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.78 Mbit/s

95th percentile per-packet one-way delay: 119.178 ms

Loss rate: 1.94%

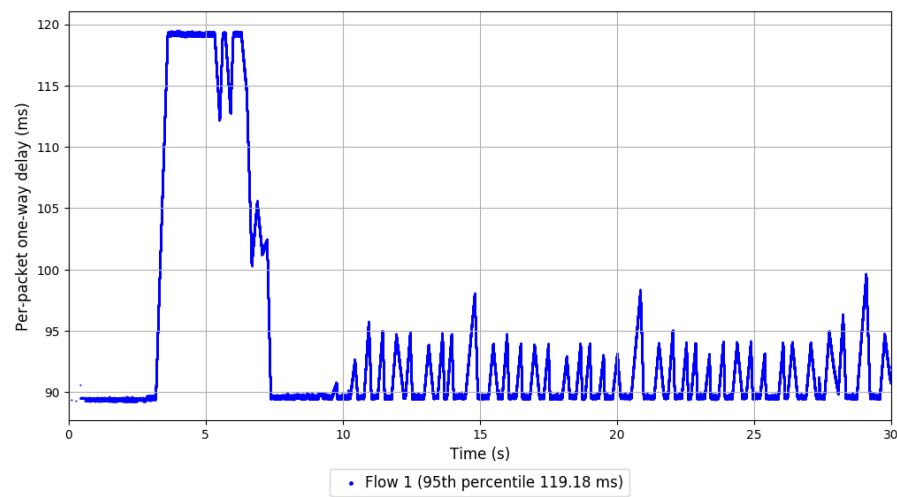
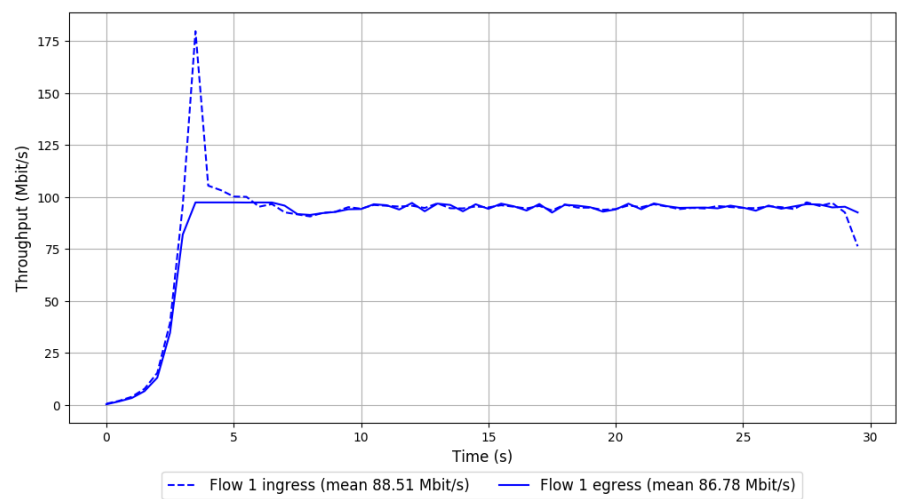
-- Flow 1:

Average throughput: 86.78 Mbit/s

95th percentile per-packet one-way delay: 119.178 ms

Loss rate: 1.94%

Run 1: Report of Vivace-LTE — Data Link



Run 2: Statistics of Vivace-LTE

Start at: 2018-03-13 05:01:59

End at: 2018-03-13 05:02:29

Local clock offset: -4.45 ms

Remote clock offset: -5.731 ms

Below is generated by plot.py at 2018-03-13 08:59:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.64 Mbit/s

95th percentile per-packet one-way delay: 112.593 ms

Loss rate: 1.96%

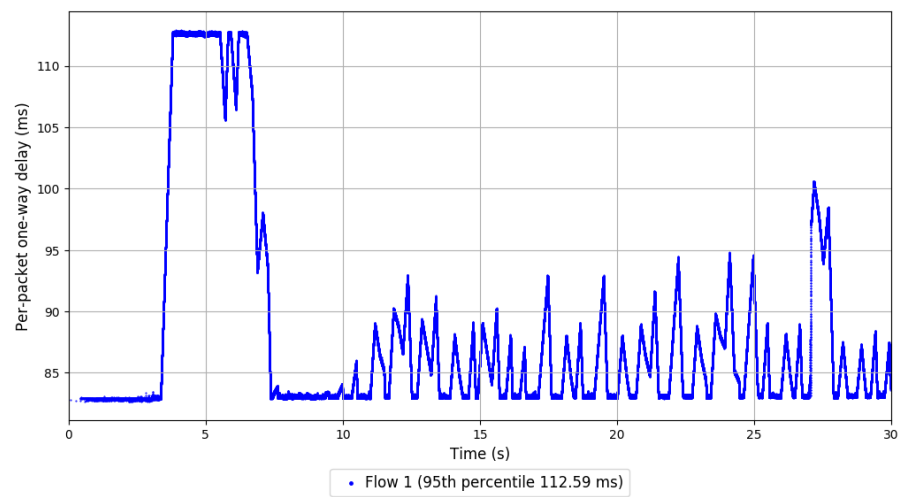
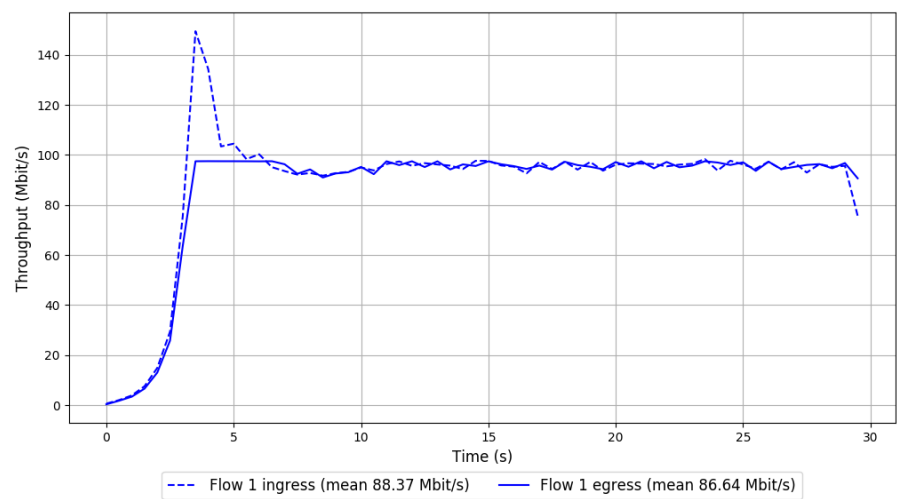
-- Flow 1:

Average throughput: 86.64 Mbit/s

95th percentile per-packet one-way delay: 112.593 ms

Loss rate: 1.96%

Run 2: Report of Vivace-LTE — Data Link

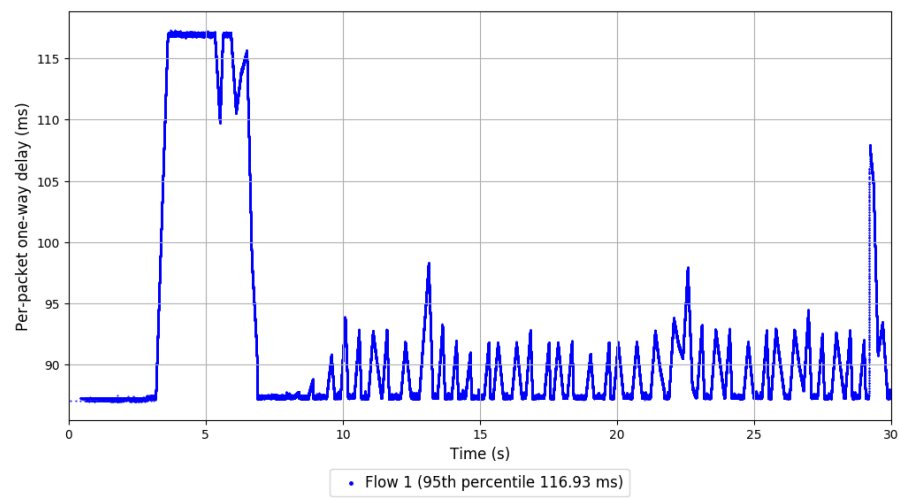
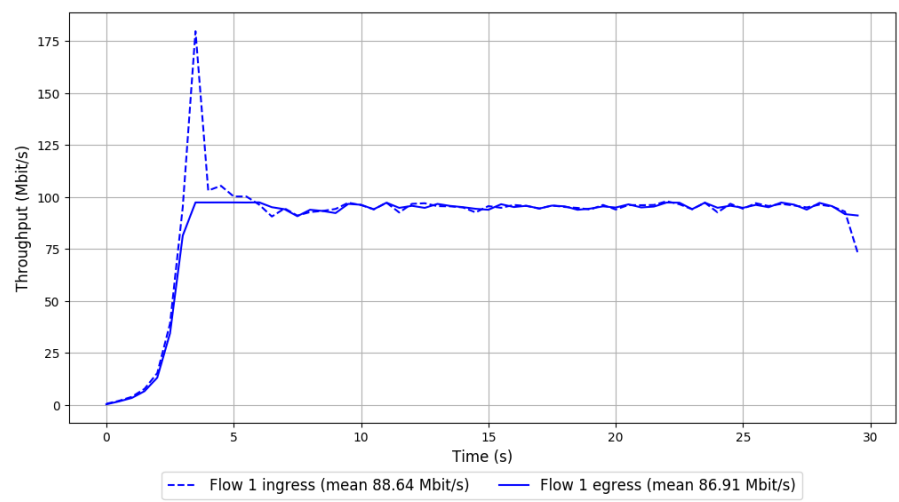


Run 3: Statistics of Vivace-LTE

Start at: 2018-03-13 05:24:01
End at: 2018-03-13 05:24:31
Local clock offset: -2.755 ms
Remote clock offset: -0.456 ms

Below is generated by plot.py at 2018-03-13 08:59:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.91 Mbit/s
95th percentile per-packet one-way delay: 116.926 ms
Loss rate: 1.95%
-- Flow 1:
Average throughput: 86.91 Mbit/s
95th percentile per-packet one-way delay: 116.926 ms
Loss rate: 1.95%

Run 3: Report of Vivace-LTE — Data Link



Run 4: Statistics of Vivace-LTE

Start at: 2018-03-13 05:46:03

End at: 2018-03-13 05:46:33

Local clock offset: -5.634 ms

Remote clock offset: 0.265 ms

Below is generated by plot.py at 2018-03-13 08:59:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.28 Mbit/s

95th percentile per-packet one-way delay: 119.114 ms

Loss rate: 1.95%

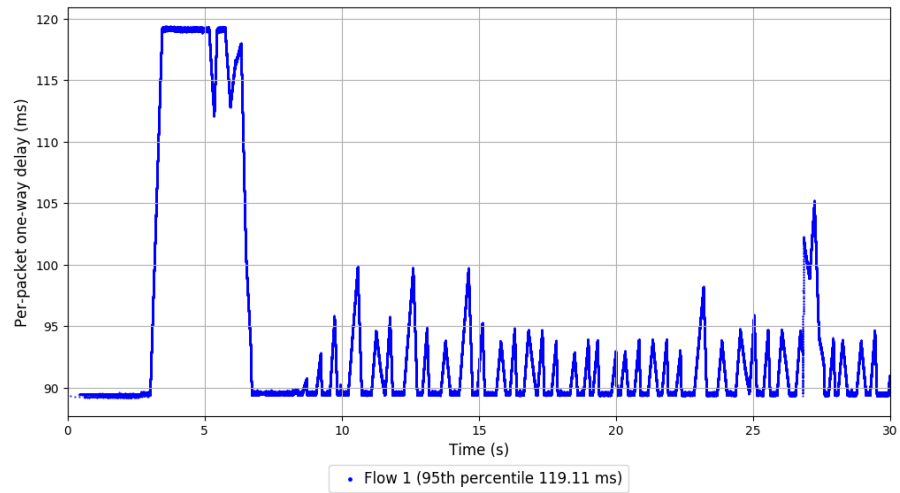
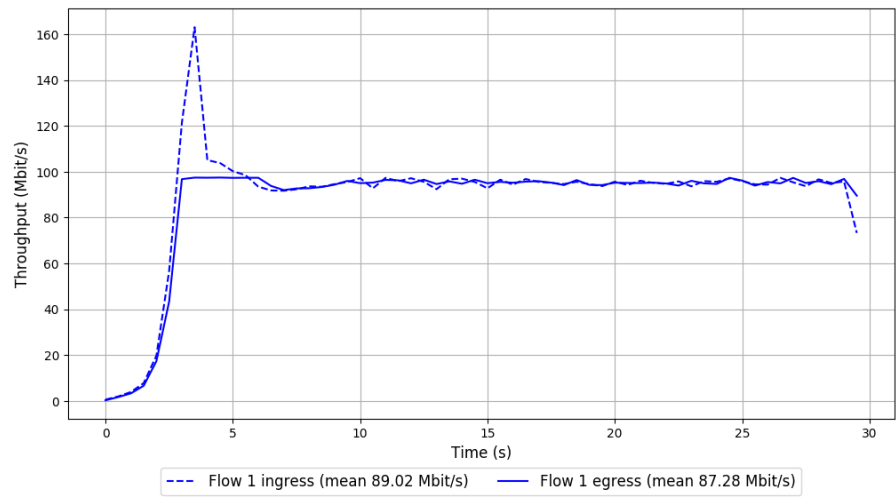
-- Flow 1:

Average throughput: 87.28 Mbit/s

95th percentile per-packet one-way delay: 119.114 ms

Loss rate: 1.95%

Run 4: Report of Vivace-LTE — Data Link

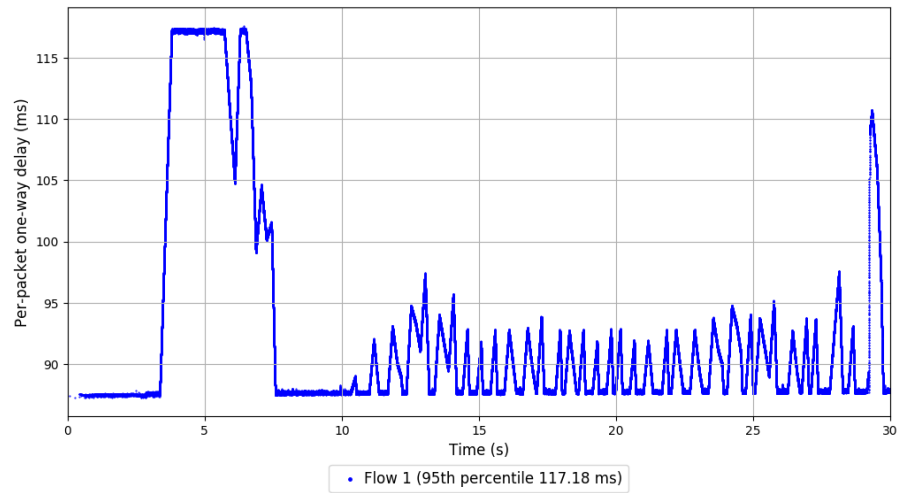
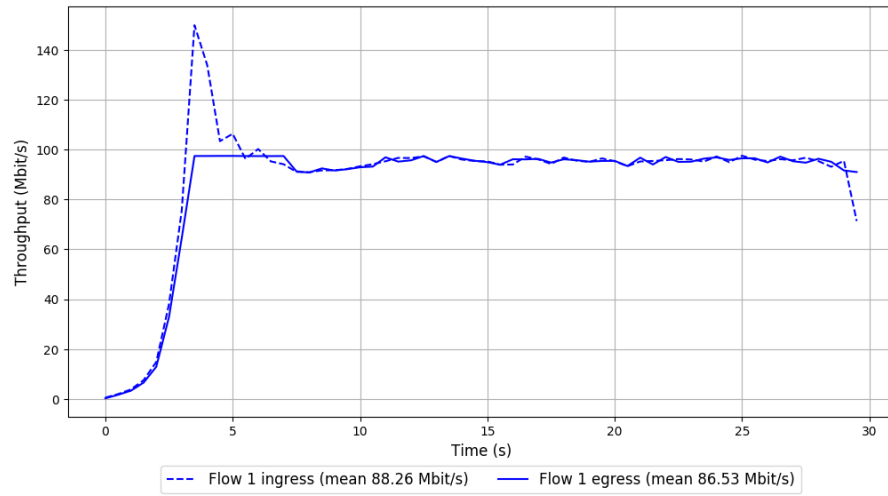


Run 5: Statistics of Vivace-LTE

Start at: 2018-03-13 06:08:05
End at: 2018-03-13 06:08:35
Local clock offset: -7.316 ms
Remote clock offset: -1.707 ms

Below is generated by plot.py at 2018-03-13 08:59:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.53 Mbit/s
95th percentile per-packet one-way delay: 117.178 ms
Loss rate: 1.96%
-- Flow 1:
Average throughput: 86.53 Mbit/s
95th percentile per-packet one-way delay: 117.178 ms
Loss rate: 1.96%

Run 5: Report of Vivace-LTE — Data Link

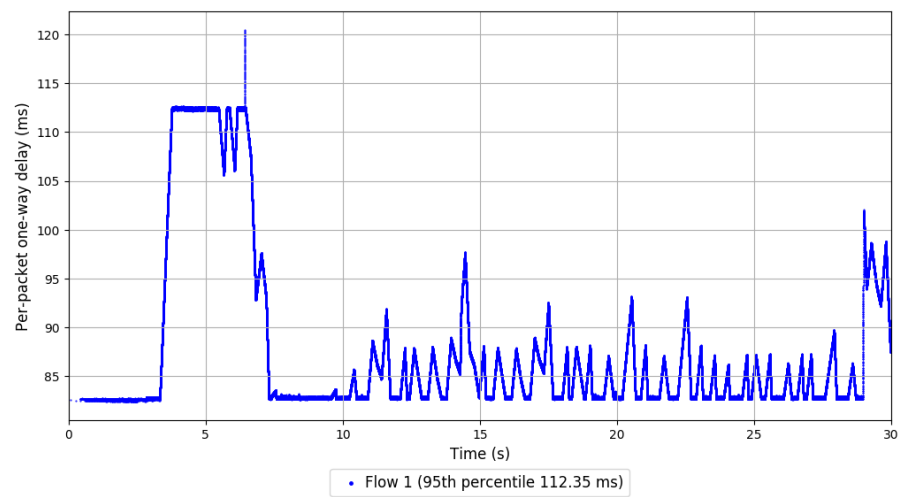
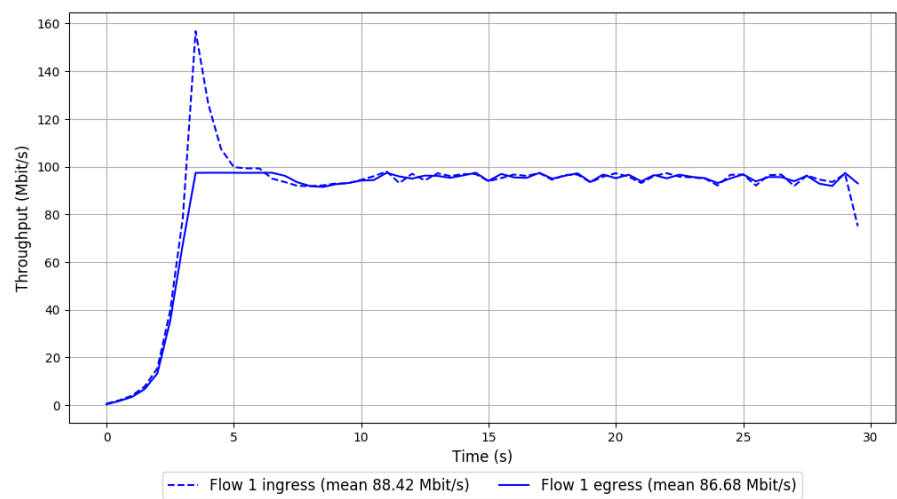


Run 6: Statistics of Vivace-LTE

Start at: 2018-03-13 06:30:08
End at: 2018-03-13 06:30:38
Local clock offset: -4.095 ms
Remote clock offset: -6.383 ms

Below is generated by plot.py at 2018-03-13 08:59:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.68 Mbit/s
95th percentile per-packet one-way delay: 112.351 ms
Loss rate: 1.95%
-- Flow 1:
Average throughput: 86.68 Mbit/s
95th percentile per-packet one-way delay: 112.351 ms
Loss rate: 1.95%

Run 6: Report of Vivace-LTE — Data Link

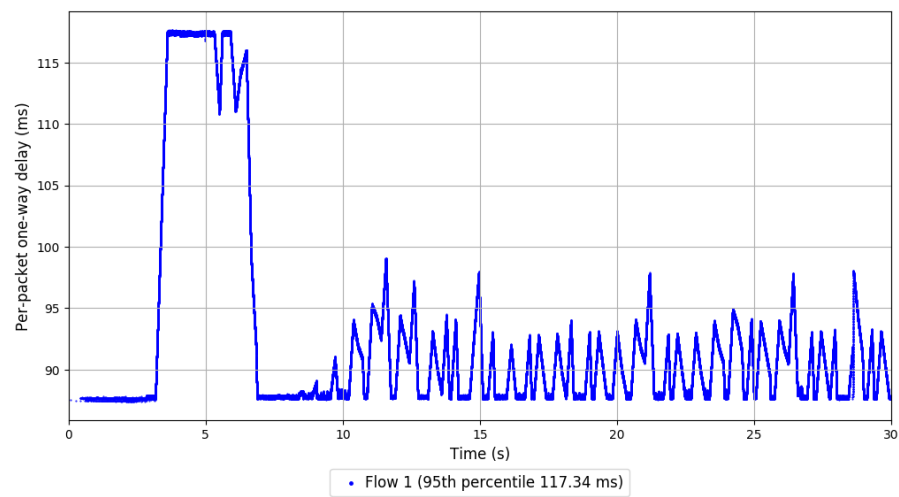
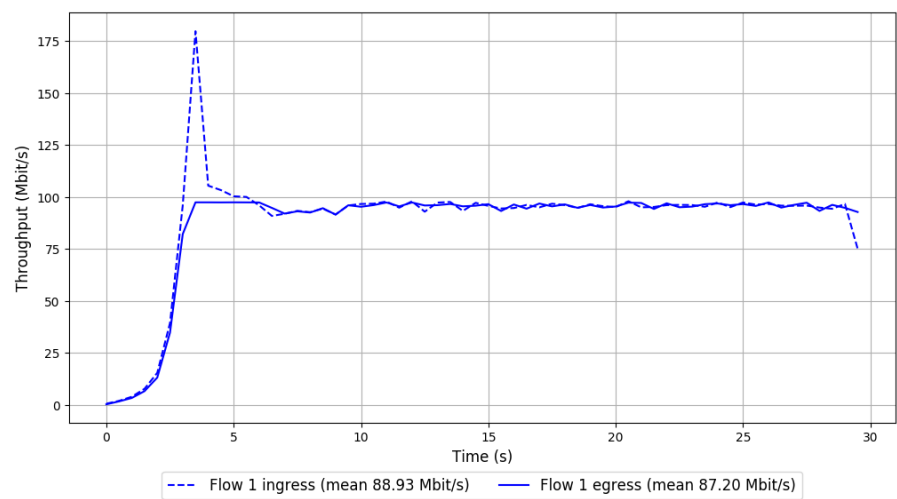


Run 7: Statistics of Vivace-LTE

Start at: 2018-03-13 06:52:09
End at: 2018-03-13 06:52:39
Local clock offset: -5.499 ms
Remote clock offset: -1.671 ms

Below is generated by plot.py at 2018-03-13 08:59:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.20 Mbit/s
95th percentile per-packet one-way delay: 117.337 ms
Loss rate: 1.94%
-- Flow 1:
Average throughput: 87.20 Mbit/s
95th percentile per-packet one-way delay: 117.337 ms
Loss rate: 1.94%

Run 7: Report of Vivace-LTE — Data Link

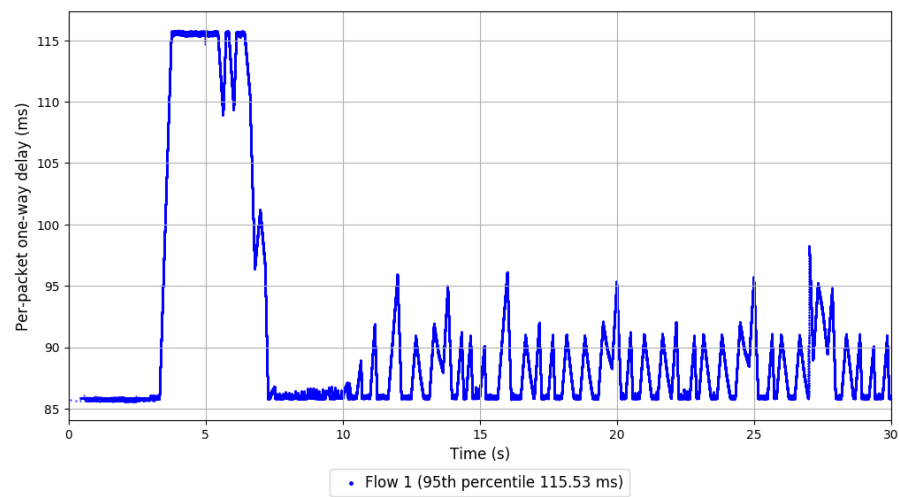
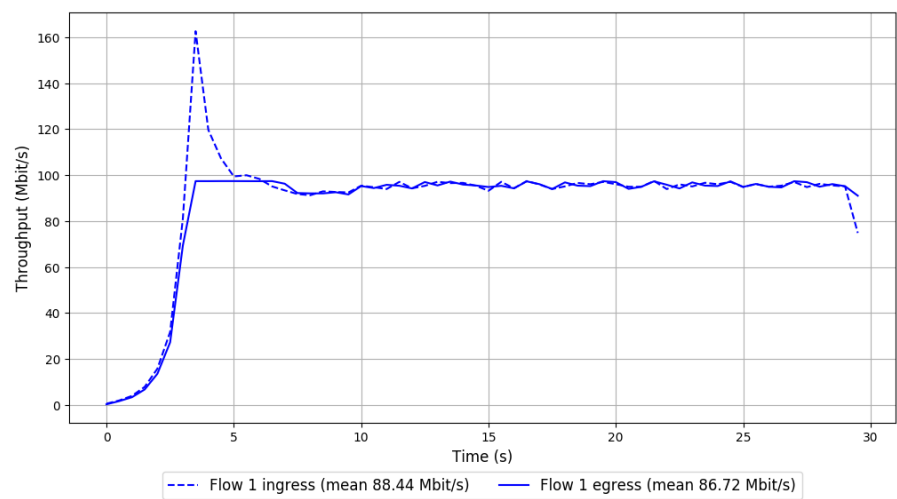


Run 8: Statistics of Vivace-LTE

Start at: 2018-03-13 07:14:25
End at: 2018-03-13 07:14:55
Local clock offset: -6.523 ms
Remote clock offset: -1.718 ms

Below is generated by plot.py at 2018-03-13 08:59:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.72 Mbit/s
95th percentile per-packet one-way delay: 115.526 ms
Loss rate: 1.93%
-- Flow 1:
Average throughput: 86.72 Mbit/s
95th percentile per-packet one-way delay: 115.526 ms
Loss rate: 1.93%

Run 8: Report of Vivace-LTE — Data Link

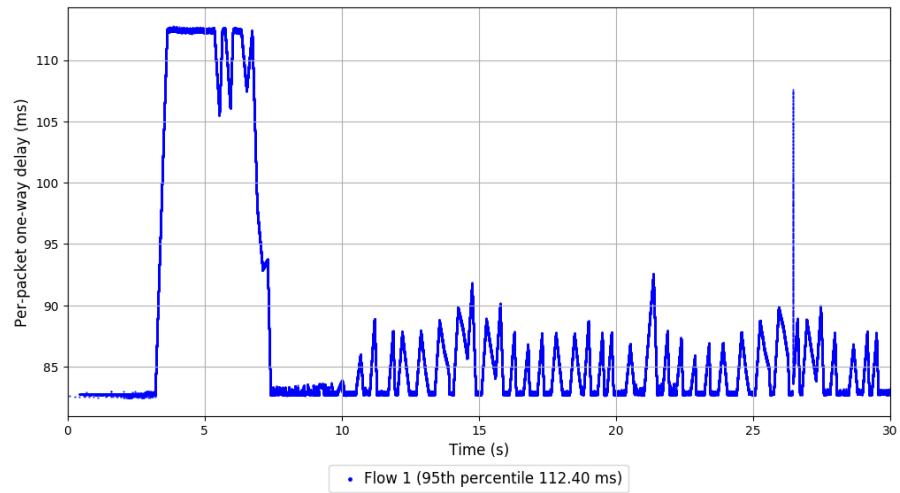
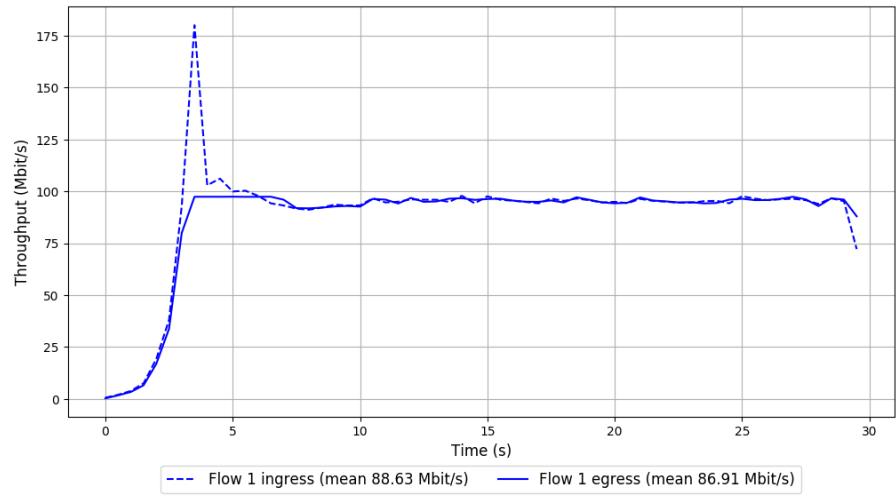


Run 9: Statistics of Vivace-LTE

Start at: 2018-03-13 07:36:43
End at: 2018-03-13 07:37:13
Local clock offset: -5.456 ms
Remote clock offset: -6.623 ms

Below is generated by plot.py at 2018-03-13 08:59:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.91 Mbit/s
95th percentile per-packet one-way delay: 112.403 ms
Loss rate: 1.95%
-- Flow 1:
Average throughput: 86.91 Mbit/s
95th percentile per-packet one-way delay: 112.403 ms
Loss rate: 1.95%

Run 9: Report of Vivace-LTE — Data Link



Run 10: Statistics of Vivace-LTE

Start at: 2018-03-13 07:58:50
End at: 2018-03-13 07:59:20
Local clock offset: -6.358 ms
Remote clock offset: -2.059 ms

Below is generated by plot.py at 2018-03-13 08:59:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.41 Mbit/s
95th percentile per-packet one-way delay: 117.039 ms
Loss rate: 1.98%
-- Flow 1:
Average throughput: 86.41 Mbit/s
95th percentile per-packet one-way delay: 117.039 ms
Loss rate: 1.98%

Run 10: Report of Vivace-LTE — Data Link

