

Pantheon Report

Generated at 2018-02-20 04:54:28 (UTC).

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

Repeated the test of 17 congestion control schemes 10 times.

Each test lasted for 30 seconds running 1 flow.

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

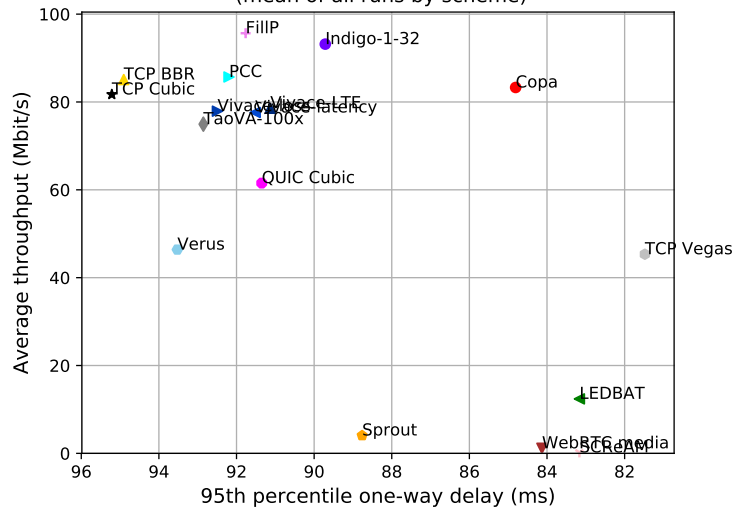
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

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

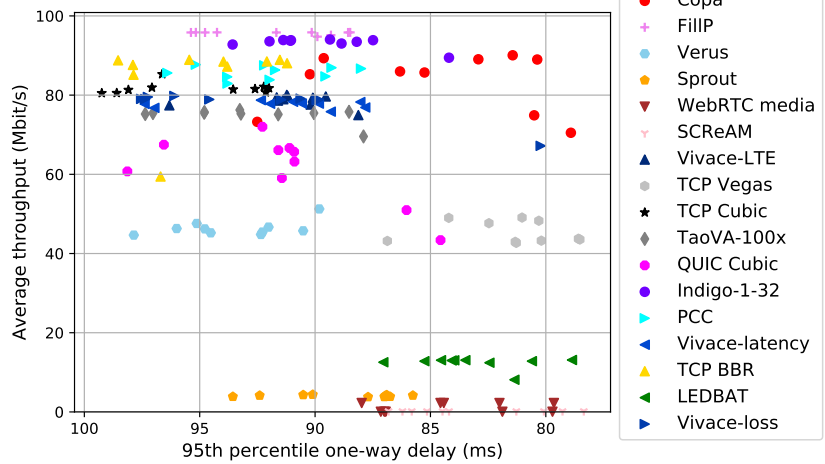
Git summary:

```
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 @ f1a14bffe749737437f61b1eae30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/vivace @ 7a4ba531e75b4a6f66f5c4580192120401784ce3
third_party/webRTC @ a488197ddd041ace68a42849b2540ad834825f42
```

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



test from Colombia Ethernet to AWS Brazil 2 Ethernet, 10 runs of 30s each per scheme



scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	85.11	94.91	1.36
TCP Cubic	10	81.71	95.21	0.62
LEDBAT	10	12.40	83.17	1.09
PCC	10	85.69	92.19	0.62
QUIC Cubic	10	61.53	91.35	0.94
SCReAM	10	0.22	83.16	0.51
WebRTC media	10	1.15	84.13	0.34
Sprout	10	4.07	88.76	0.69
TaoVA-100x	10	74.95	92.85	1.19
TCP Vegas	10	45.34	81.48	0.60
Verus	10	46.39	93.53	1.61
Copa	10	83.30	84.81	2.10
FillP	10	95.66	91.77	0.67
Indigo-1-32	10	93.17	89.71	0.59
Vivace-latency	10	77.61	91.52	0.66
Vivace-loss	10	77.91	92.49	0.86
Vivace-LTE	10	78.58	91.13	0.68

Run 1: Statistics of TCP BBR

Start at: 2018-02-19 21:22:52

End at: 2018-02-19 21:23:22

Local clock offset: -6.582 ms

Remote clock offset: -2.932 ms

Below is generated by plot.py at 2018-02-20 04:34:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.92 Mbit/s

95th percentile per-packet one-way delay: 95.451 ms

Loss rate: 0.64%

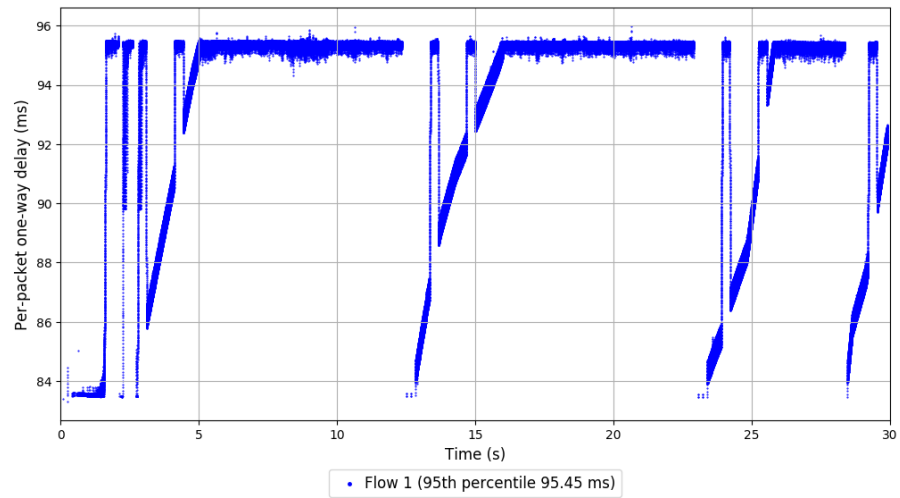
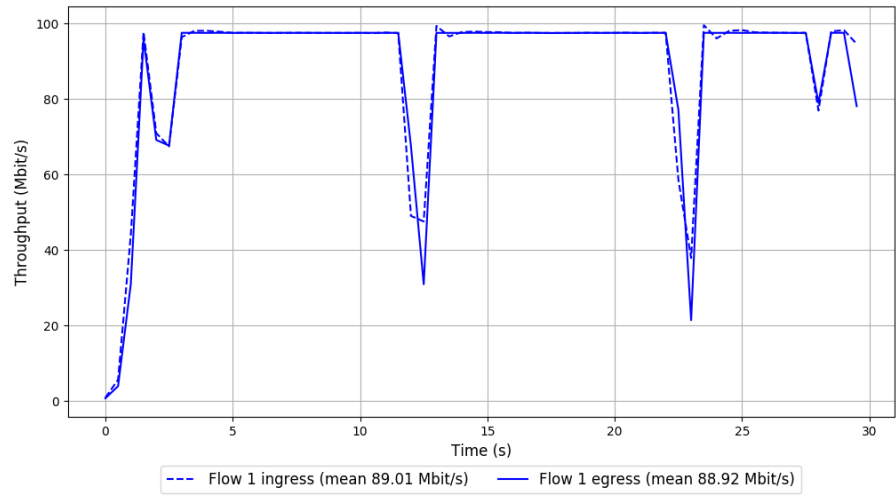
-- Flow 1:

Average throughput: 88.92 Mbit/s

95th percentile per-packet one-way delay: 95.451 ms

Loss rate: 0.64%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2018-02-19 21:44:53

End at: 2018-02-19 21:45:23

Local clock offset: -5.787 ms

Remote clock offset: 1.724 ms

Below is generated by plot.py at 2018-02-20 04:34:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.51 Mbit/s

95th percentile per-packet one-way delay: 92.090 ms

Loss rate: 0.66%

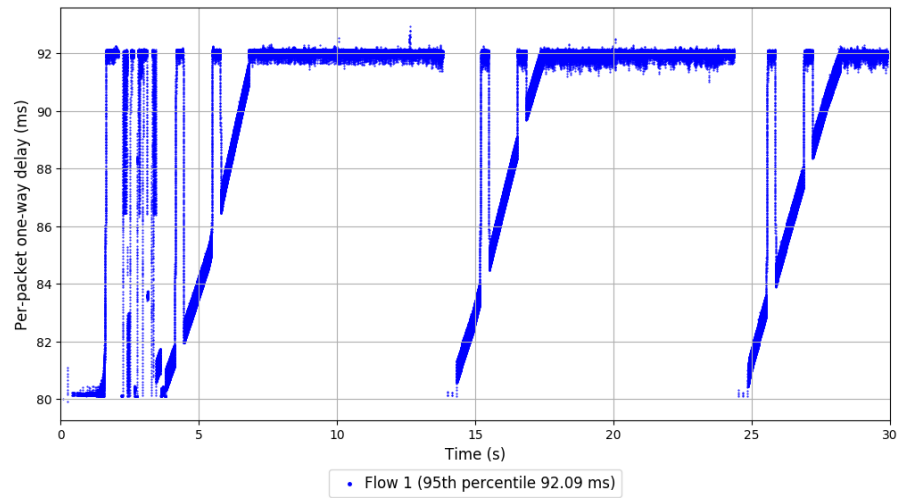
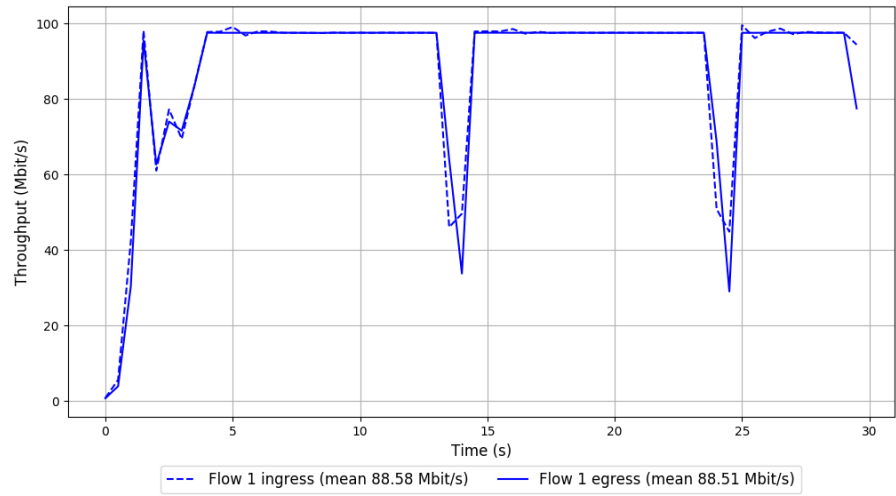
-- Flow 1:

Average throughput: 88.51 Mbit/s

95th percentile per-packet one-way delay: 92.090 ms

Loss rate: 0.66%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2018-02-19 22:06:55

End at: 2018-02-19 22:07:25

Local clock offset: -5.867 ms

Remote clock offset: 0.381 ms

Below is generated by plot.py at 2018-02-20 04:34:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.92 Mbit/s

95th percentile per-packet one-way delay: 91.528 ms

Loss rate: 0.65%

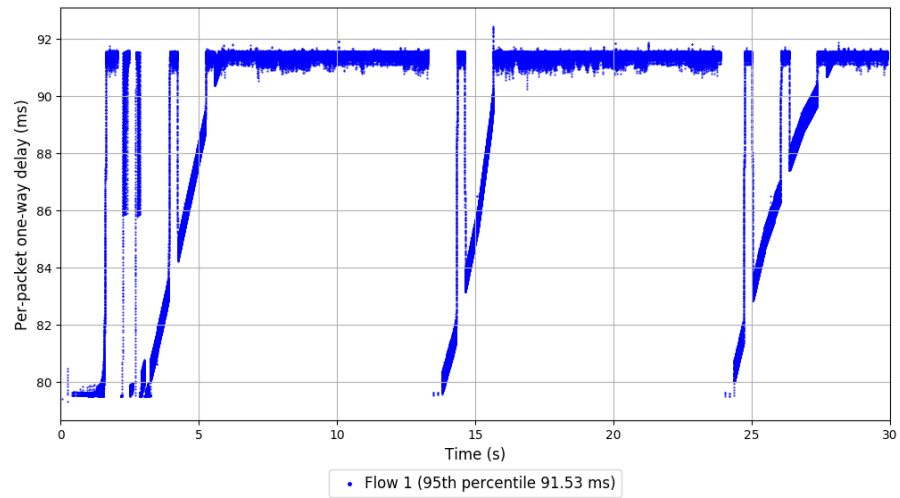
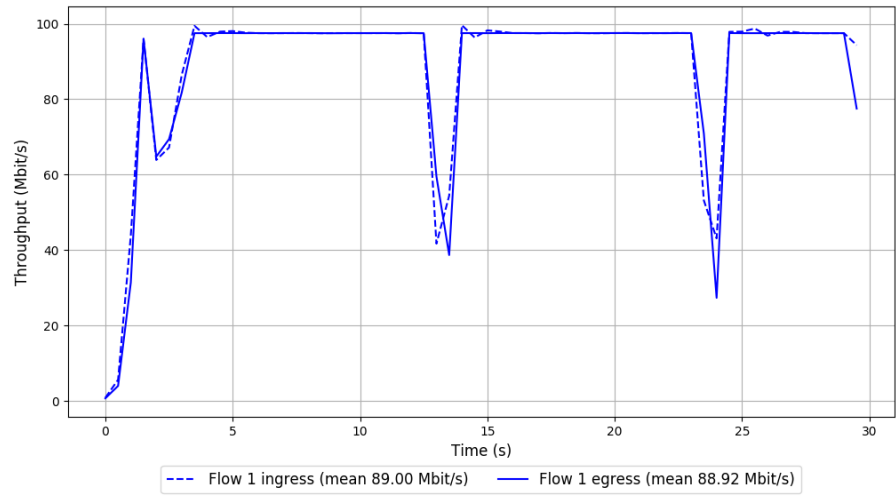
-- Flow 1:

Average throughput: 88.92 Mbit/s

95th percentile per-packet one-way delay: 91.528 ms

Loss rate: 0.65%

Run 3: Report of TCP BBR — Data Link

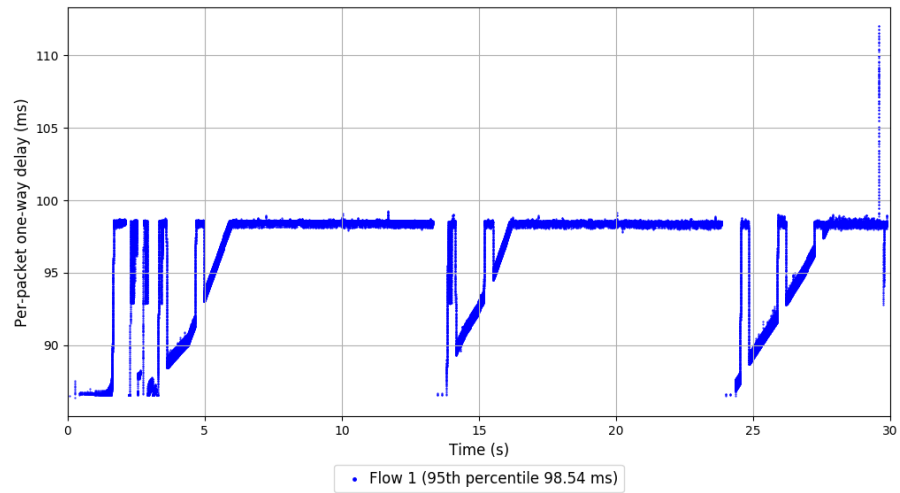
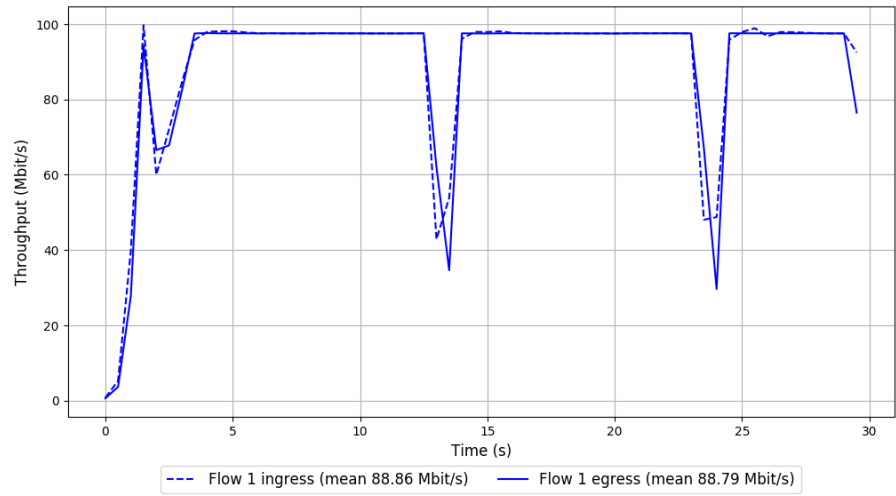


Run 4: Statistics of TCP BBR

Start at: 2018-02-19 22:28:57
End at: 2018-02-19 22:29:27
Local clock offset: -5.361 ms
Remote clock offset: -3.565 ms

Below is generated by plot.py at 2018-02-20 04:34:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.79 Mbit/s
95th percentile per-packet one-way delay: 98.537 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 88.79 Mbit/s
95th percentile per-packet one-way delay: 98.537 ms
Loss rate: 0.66%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2018-02-19 22:51:05

End at: 2018-02-19 22:51:35

Local clock offset: -3.236 ms

Remote clock offset: 1.317 ms

Below is generated by plot.py at 2018-02-20 04:34:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.46 Mbit/s

95th percentile per-packet one-way delay: 93.971 ms

Loss rate: 0.63%

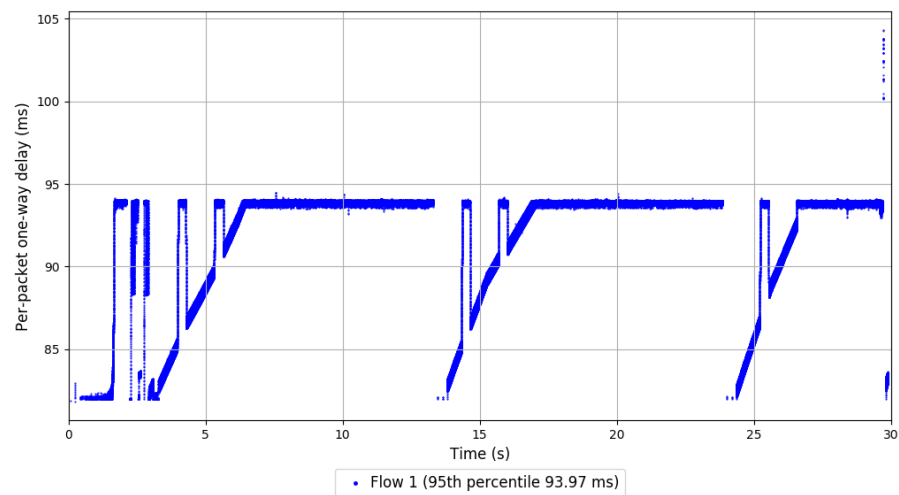
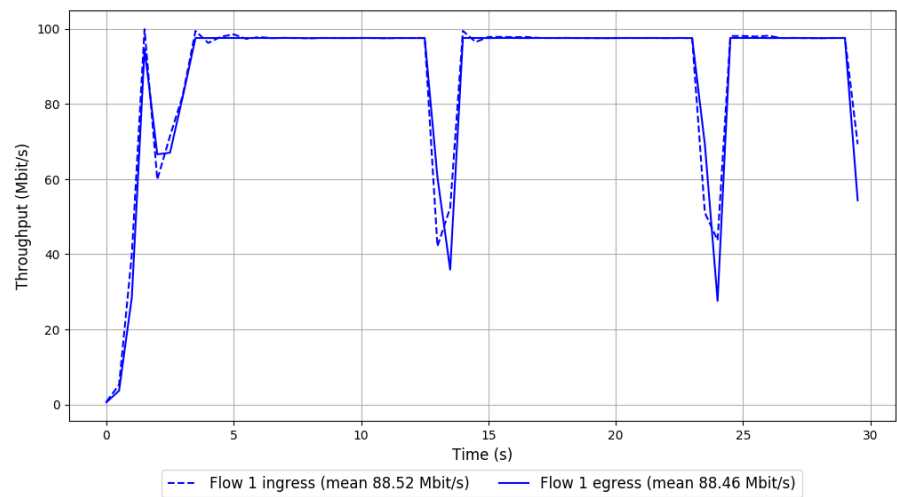
-- Flow 1:

Average throughput: 88.46 Mbit/s

95th percentile per-packet one-way delay: 93.971 ms

Loss rate: 0.63%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: 2018-02-19 23:13:09

End at: 2018-02-19 23:13:39

Local clock offset: -2.011 ms

Remote clock offset: 1.526 ms

Below is generated by plot.py at 2018-02-20 04:34:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.20 Mbit/s

95th percentile per-packet one-way delay: 93.806 ms

Loss rate: 0.67%

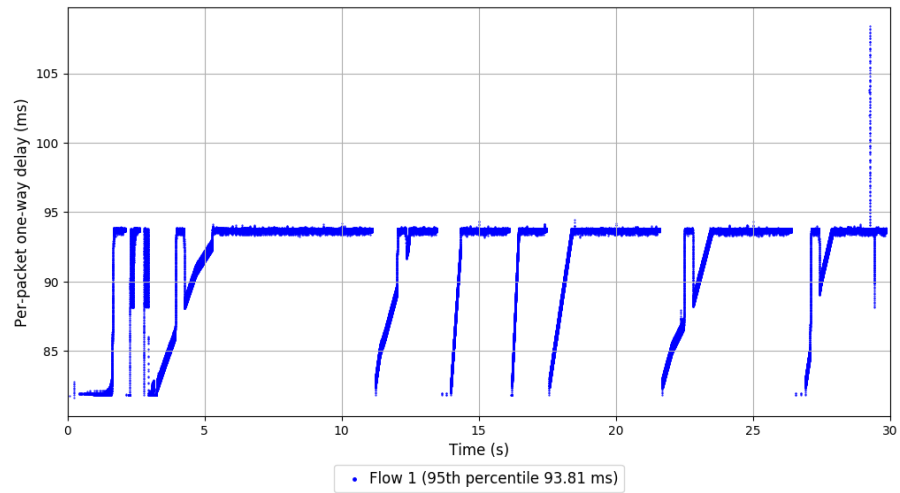
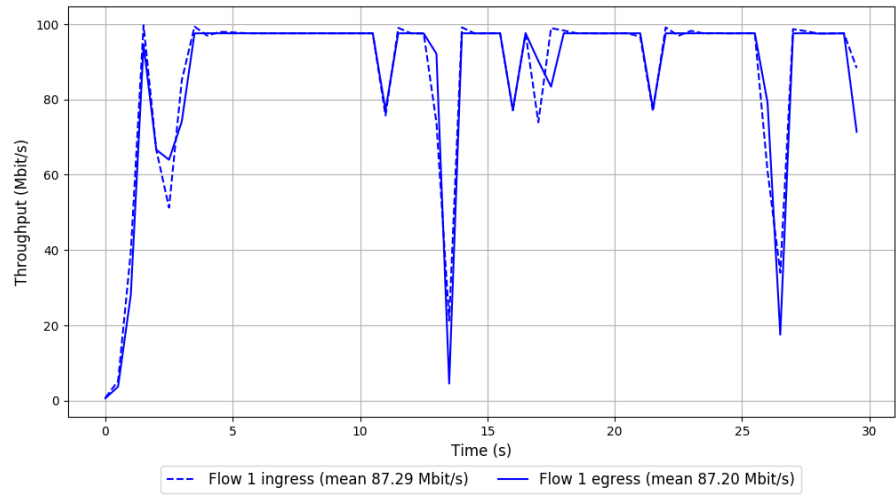
-- Flow 1:

Average throughput: 87.20 Mbit/s

95th percentile per-packet one-way delay: 93.806 ms

Loss rate: 0.67%

Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

Start at: 2018-02-19 23:35:12

End at: 2018-02-19 23:35:42

Local clock offset: -1.536 ms

Remote clock offset: 1.277 ms

Below is generated by plot.py at 2018-02-20 04:34:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.06 Mbit/s

95th percentile per-packet one-way delay: 91.214 ms

Loss rate: 0.65%

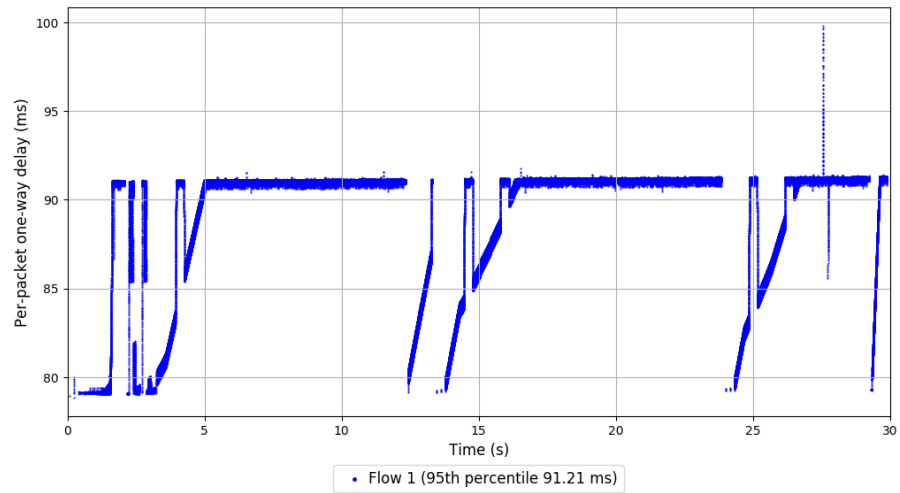
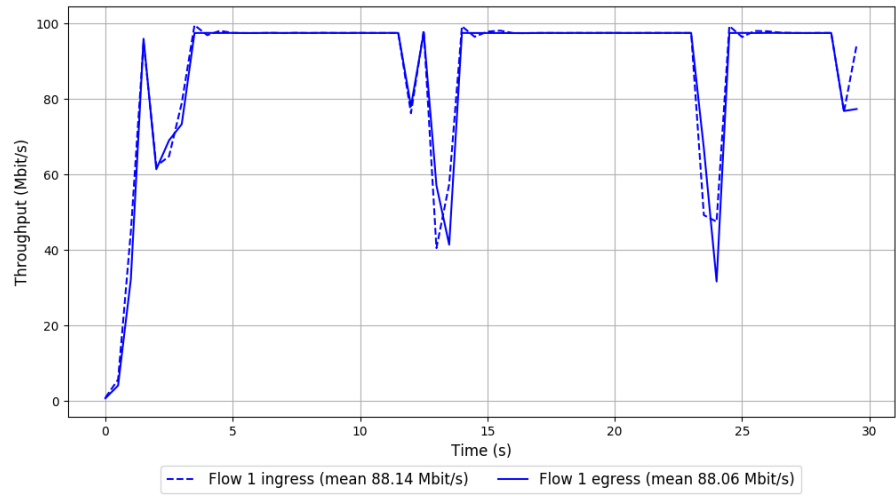
-- Flow 1:

Average throughput: 88.06 Mbit/s

95th percentile per-packet one-way delay: 91.214 ms

Loss rate: 0.65%

Run 7: Report of TCP BBR — Data Link

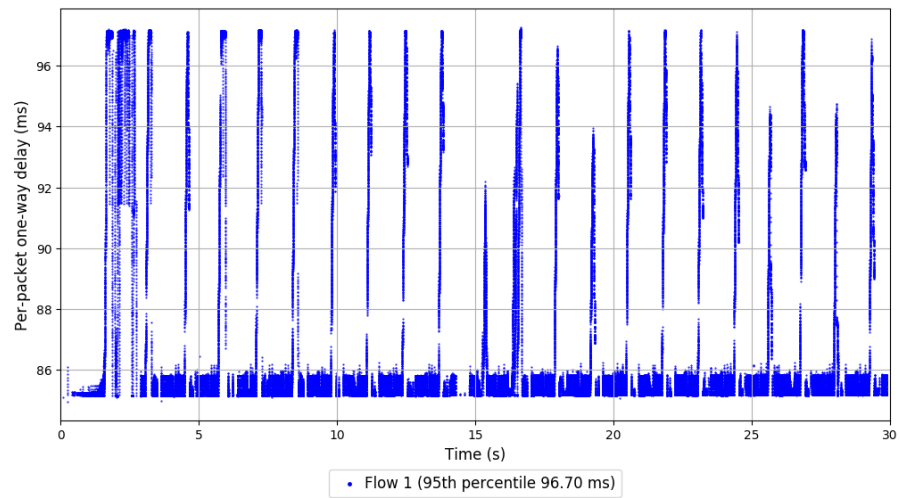
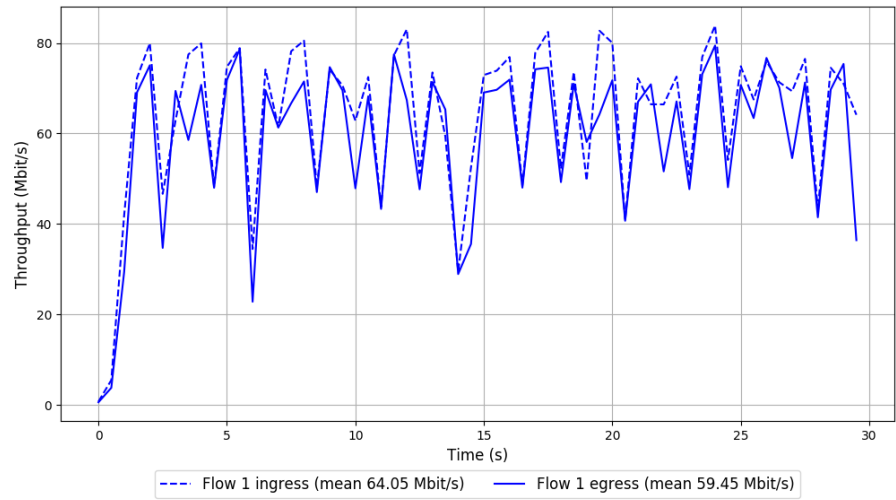


Run 8: Statistics of TCP BBR

Start at: 2018-02-19 23:57:14
End at: 2018-02-19 23:57:44
Local clock offset: -6.278 ms
Remote clock offset: -3.638 ms

Below is generated by plot.py at 2018-02-20 04:34:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 59.45 Mbit/s
95th percentile per-packet one-way delay: 96.697 ms
Loss rate: 7.71%
-- Flow 1:
Average throughput: 59.45 Mbit/s
95th percentile per-packet one-way delay: 96.697 ms
Loss rate: 7.71%

Run 8: Report of TCP BBR — Data Link

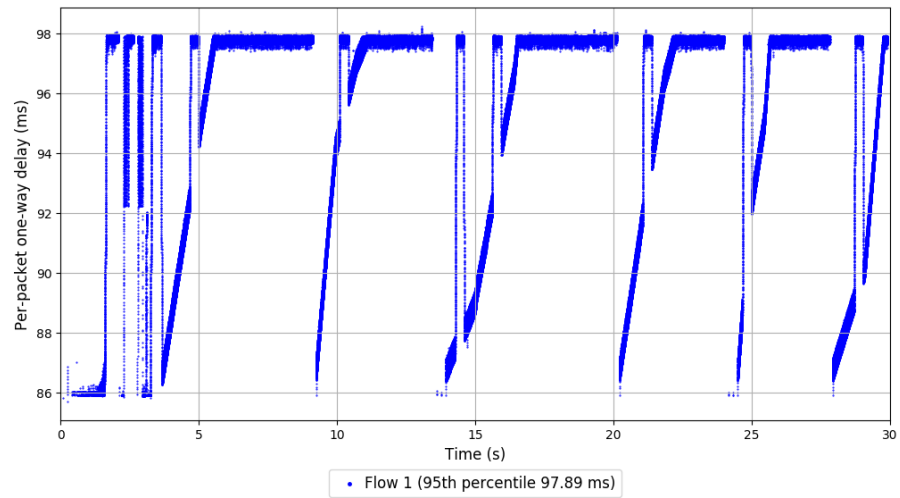
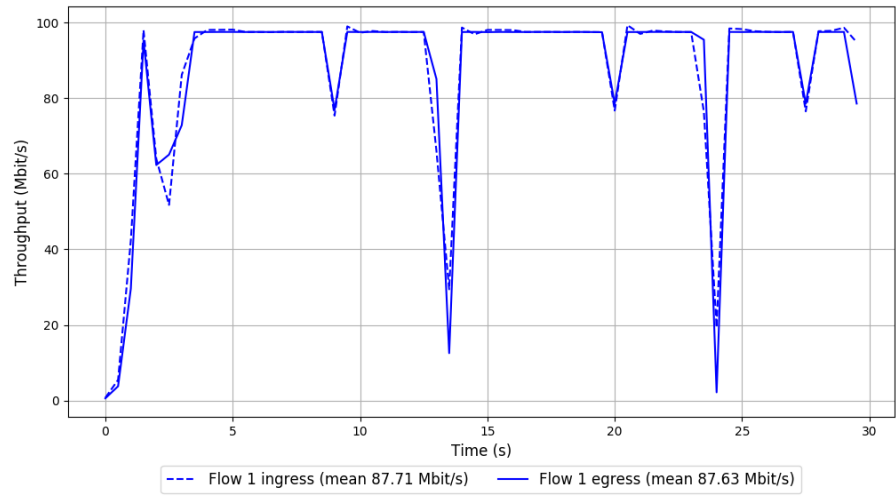


Run 9: Statistics of TCP BBR

Start at: 2018-02-20 00:19:18
End at: 2018-02-20 00:19:48
Local clock offset: -6.443 ms
Remote clock offset: -4.557 ms

Below is generated by plot.py at 2018-02-20 04:34:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.63 Mbit/s
95th percentile per-packet one-way delay: 97.895 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 87.63 Mbit/s
95th percentile per-packet one-way delay: 97.895 ms
Loss rate: 0.66%

Run 9: Report of TCP BBR — Data Link

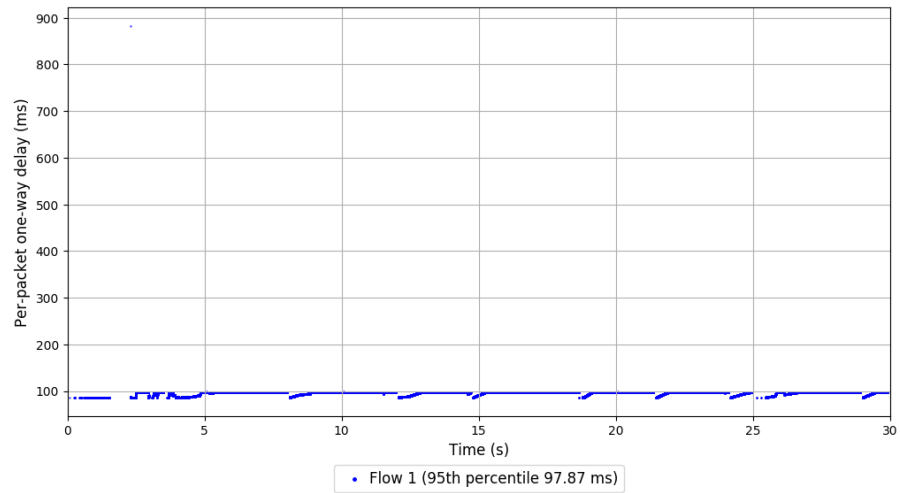
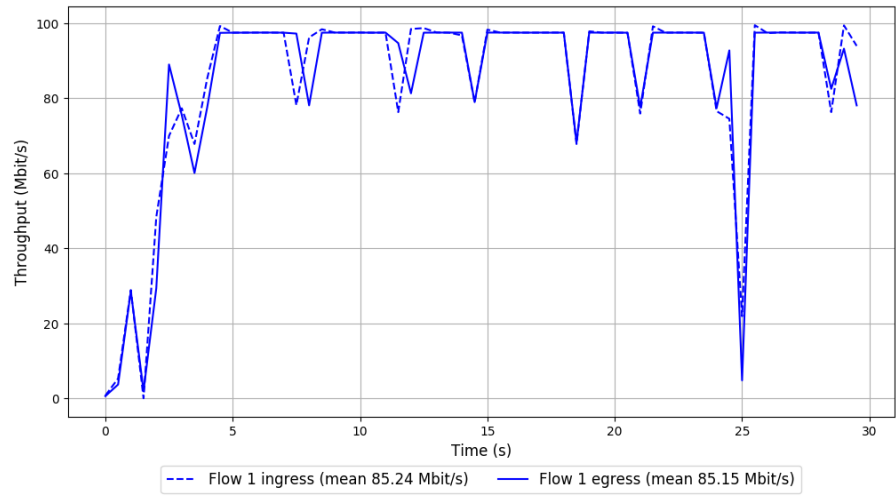


Run 10: Statistics of TCP BBR

Start at: 2018-02-20 00:41:28
End at: 2018-02-20 00:41:58
Local clock offset: -6.588 ms
Remote clock offset: -2.906 ms

Below is generated by plot.py at 2018-02-20 04:35:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 85.15 Mbit/s
95th percentile per-packet one-way delay: 97.869 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 85.15 Mbit/s
95th percentile per-packet one-way delay: 97.869 ms
Loss rate: 0.68%

Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of TCP Cubic

Start at: 2018-02-19 21:26:37

End at: 2018-02-19 21:27:07

Local clock offset: -6.18 ms

Remote clock offset: 2.023 ms

Below is generated by plot.py at 2018-02-20 04:35:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.43 Mbit/s

95th percentile per-packet one-way delay: 93.549 ms

Loss rate: 0.59%

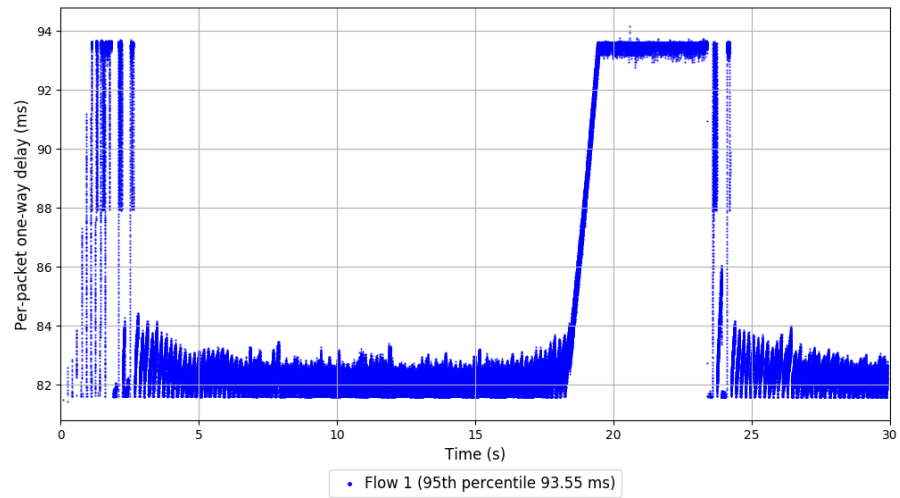
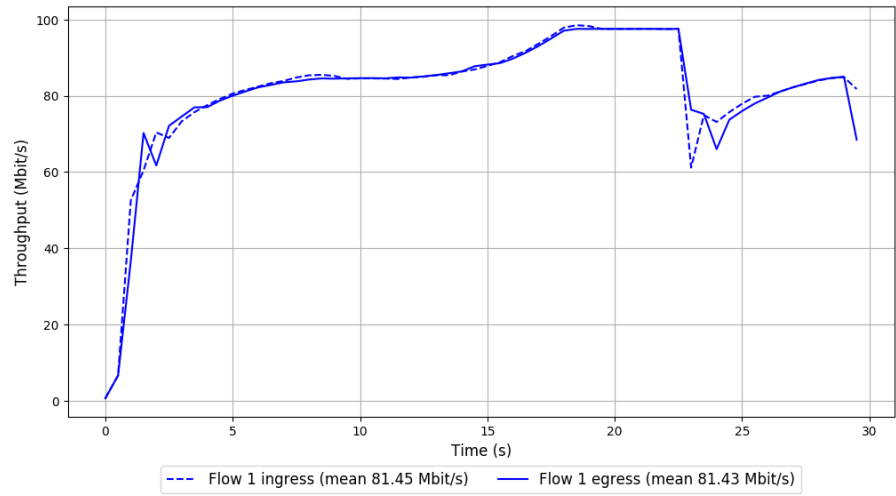
-- Flow 1:

Average throughput: 81.43 Mbit/s

95th percentile per-packet one-way delay: 93.549 ms

Loss rate: 0.59%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: 2018-02-19 21:48:38

End at: 2018-02-19 21:49:08

Local clock offset: -5.752 ms

Remote clock offset: 1.471 ms

Below is generated by plot.py at 2018-02-20 04:35:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.11 Mbit/s

95th percentile per-packet one-way delay: 92.221 ms

Loss rate: 0.71%

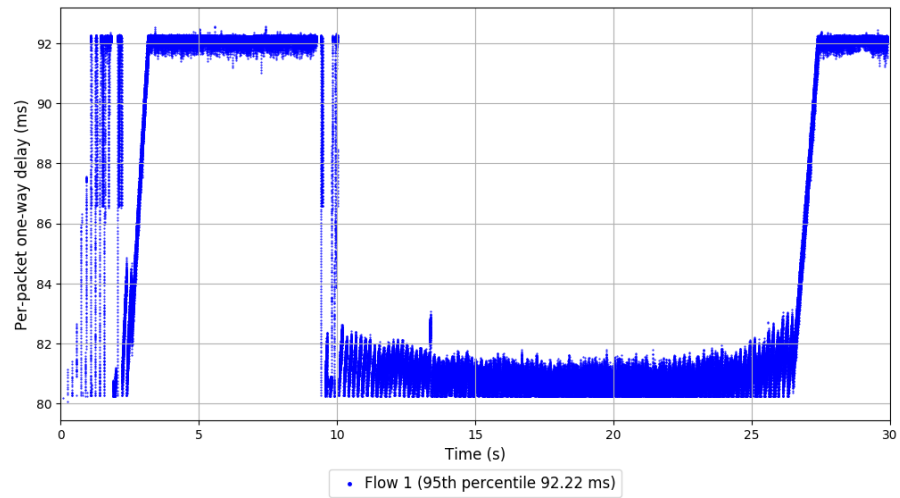
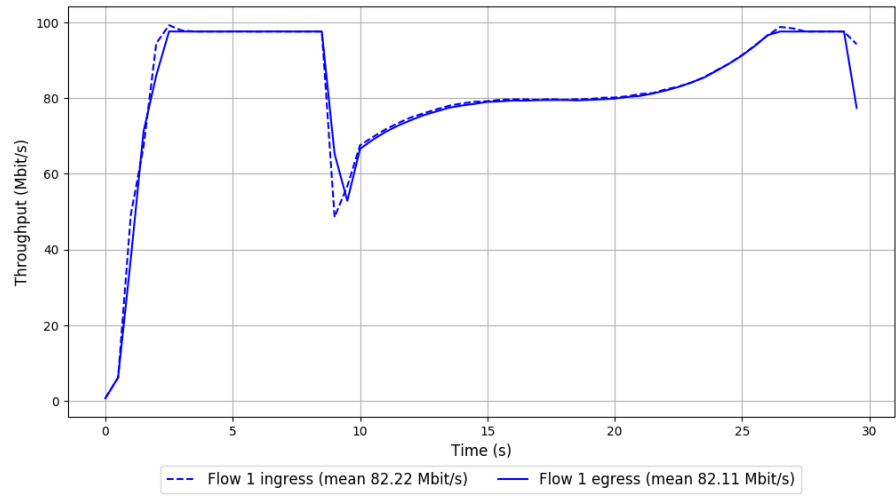
-- Flow 1:

Average throughput: 82.11 Mbit/s

95th percentile per-packet one-way delay: 92.221 ms

Loss rate: 0.71%

Run 2: Report of TCP Cubic — Data Link

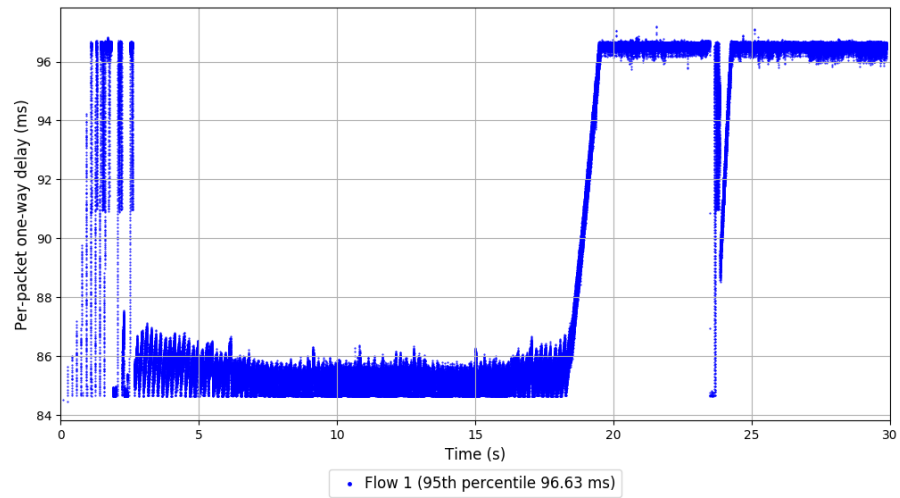
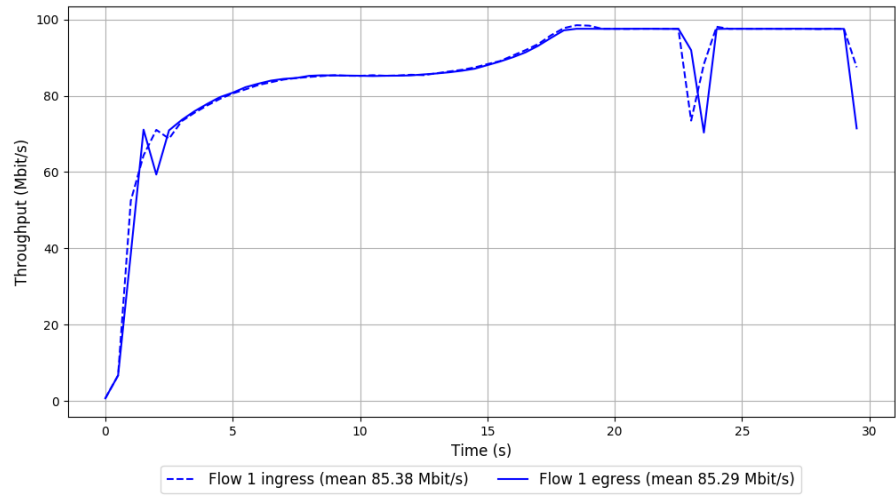


Run 3: Statistics of TCP Cubic

Start at: 2018-02-19 22:10:40
End at: 2018-02-19 22:11:10
Local clock offset: -5.814 ms
Remote clock offset: -3.576 ms

Below is generated by plot.py at 2018-02-20 04:35:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 85.29 Mbit/s
95th percentile per-packet one-way delay: 96.628 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 85.29 Mbit/s
95th percentile per-packet one-way delay: 96.628 ms
Loss rate: 0.68%

Run 3: Report of TCP Cubic — Data Link

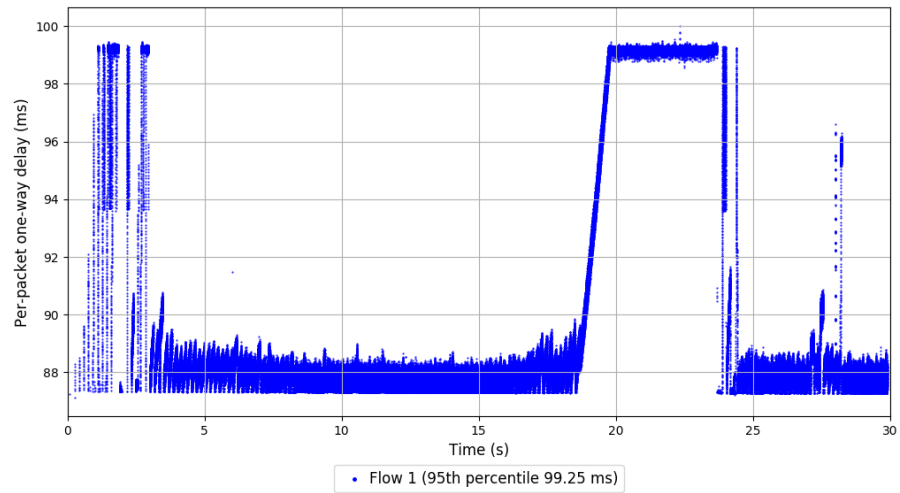
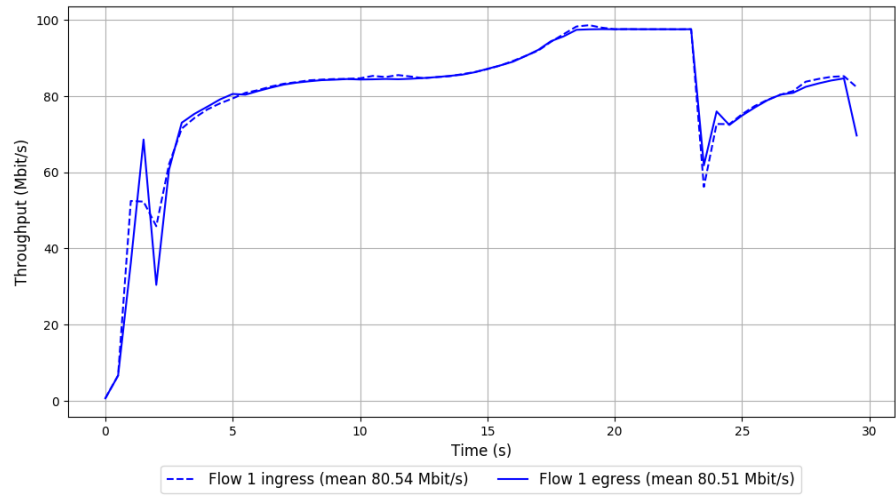


Run 4: Statistics of TCP Cubic

Start at: 2018-02-19 22:32:44
End at: 2018-02-19 22:33:14
Local clock offset: -4.627 ms
Remote clock offset: -4.408 ms

Below is generated by plot.py at 2018-02-20 04:35:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.51 Mbit/s
95th percentile per-packet one-way delay: 99.245 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 80.51 Mbit/s
95th percentile per-packet one-way delay: 99.245 ms
Loss rate: 0.59%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: 2018-02-19 22:54:52

End at: 2018-02-19 22:55:22

Local clock offset: -3.104 ms

Remote clock offset: 1.384 ms

Below is generated by plot.py at 2018-02-20 04:35:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.75 Mbit/s

95th percentile per-packet one-way delay: 91.996 ms

Loss rate: 0.58%

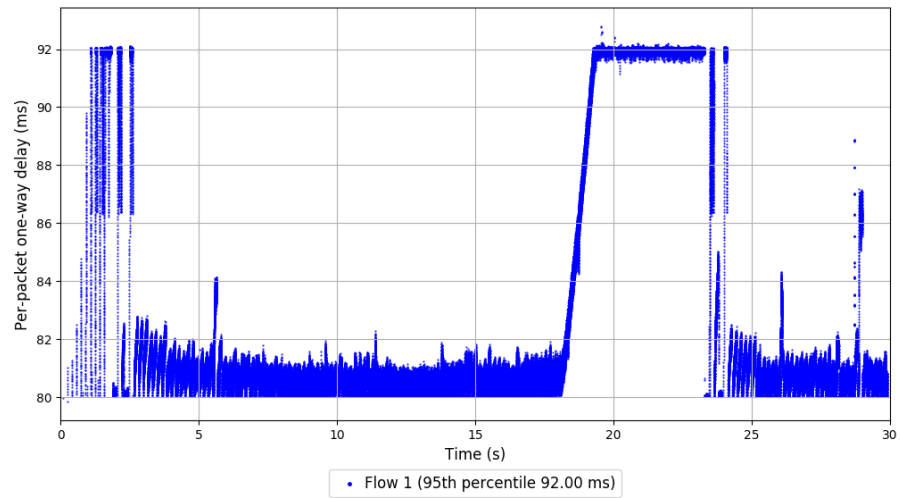
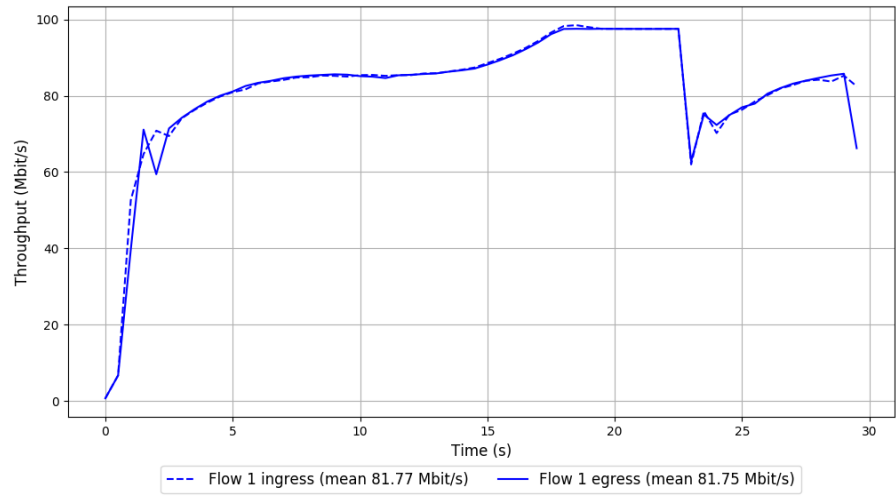
-- Flow 1:

Average throughput: 81.75 Mbit/s

95th percentile per-packet one-way delay: 91.996 ms

Loss rate: 0.58%

Run 5: Report of TCP Cubic — Data Link



Run 6: Statistics of TCP Cubic

Start at: 2018-02-19 23:16:54

End at: 2018-02-19 23:17:24

Local clock offset: -1.882 ms

Remote clock offset: 1.445 ms

Below is generated by plot.py at 2018-02-20 04:35:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.70 Mbit/s

95th percentile per-packet one-way delay: 92.133 ms

Loss rate: 0.59%

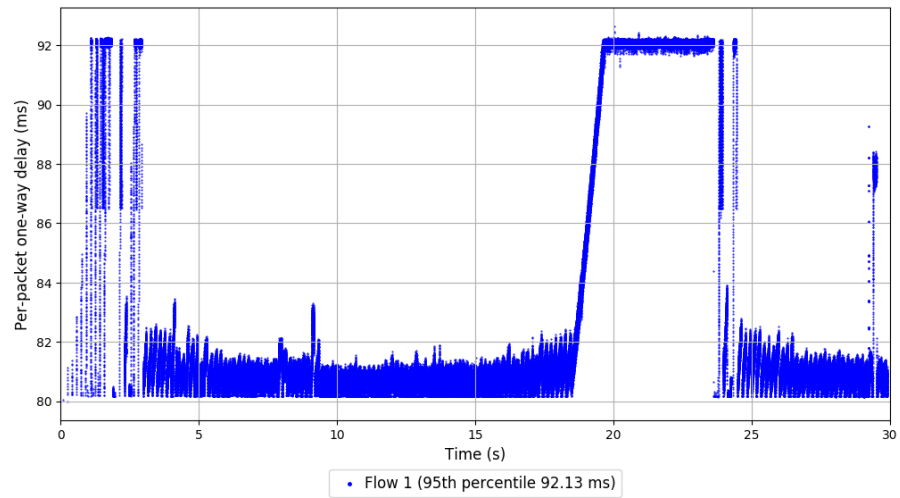
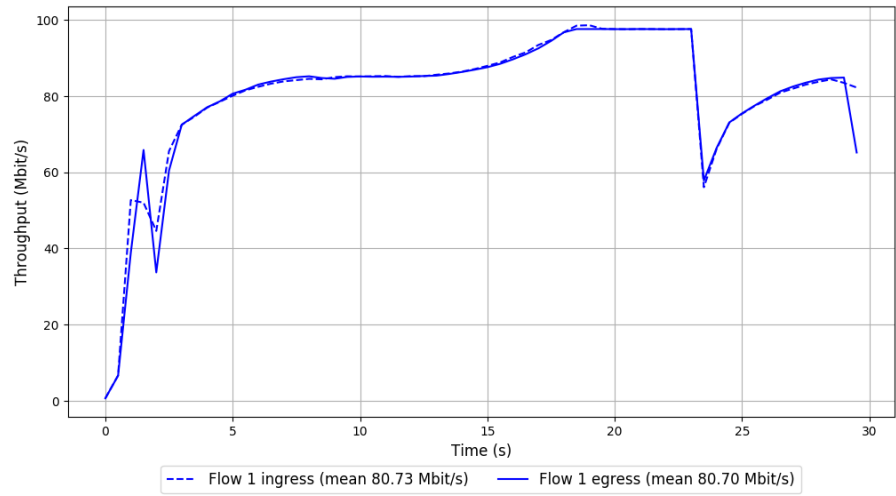
-- Flow 1:

Average throughput: 80.70 Mbit/s

95th percentile per-packet one-way delay: 92.133 ms

Loss rate: 0.59%

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: 2018-02-19 23:38:57

End at: 2018-02-19 23:39:27

Local clock offset: -3.25 ms

Remote clock offset: 1.291 ms

Below is generated by plot.py at 2018-02-20 04:36:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.55 Mbit/s

95th percentile per-packet one-way delay: 92.602 ms

Loss rate: 0.59%

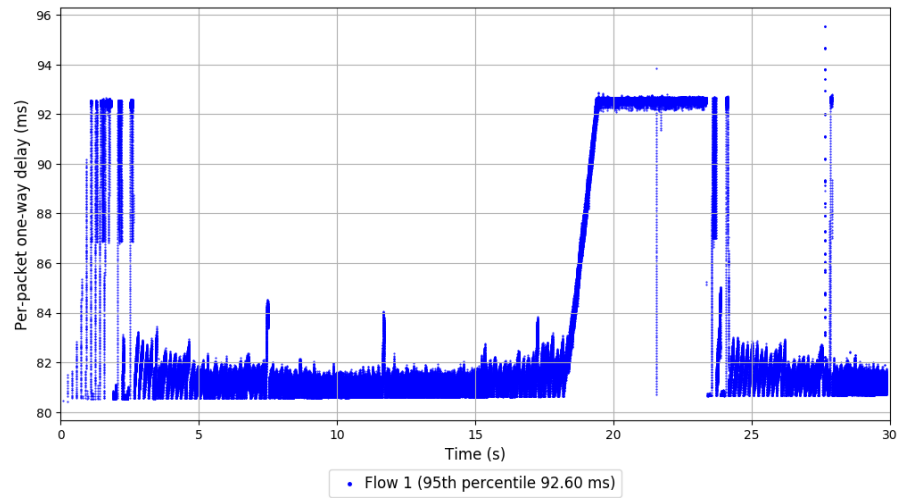
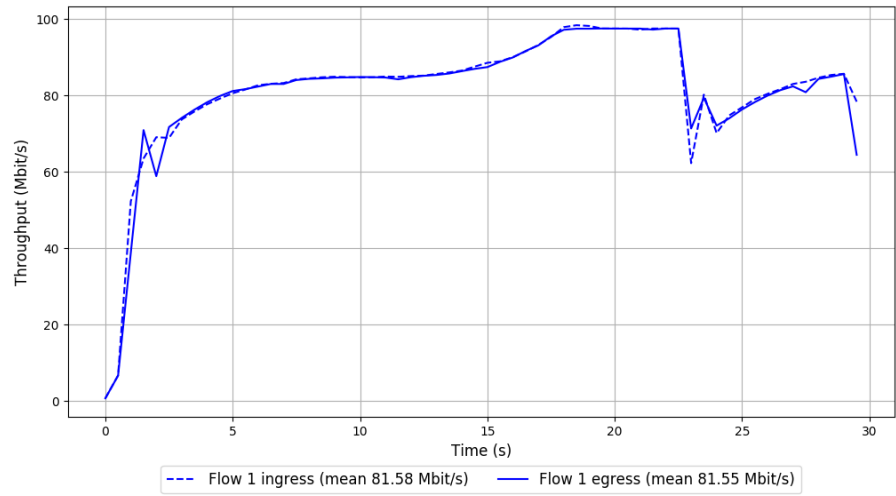
-- Flow 1:

Average throughput: 81.55 Mbit/s

95th percentile per-packet one-way delay: 92.602 ms

Loss rate: 0.59%

Run 7: Report of TCP Cubic — Data Link

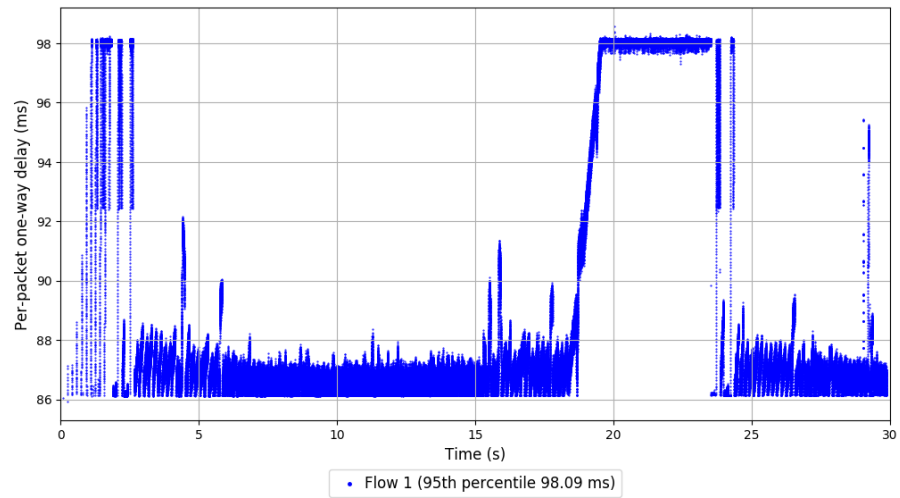
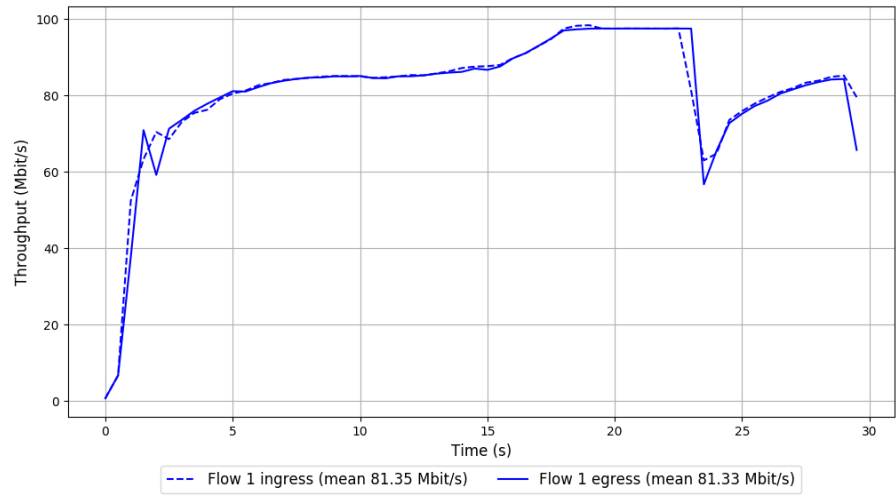


Run 8: Statistics of TCP Cubic

Start at: 2018-02-20 00:00:59
End at: 2018-02-20 00:01:29
Local clock offset: -6.542 ms
Remote clock offset: -4.458 ms

Below is generated by plot.py at 2018-02-20 04:36:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 81.33 Mbit/s
95th percentile per-packet one-way delay: 98.090 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 81.33 Mbit/s
95th percentile per-packet one-way delay: 98.090 ms
Loss rate: 0.59%

Run 8: Report of TCP Cubic — Data Link

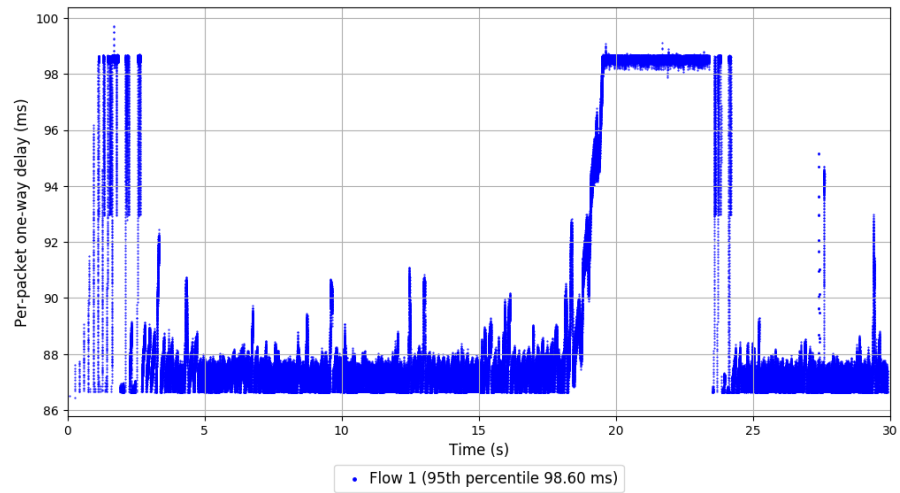
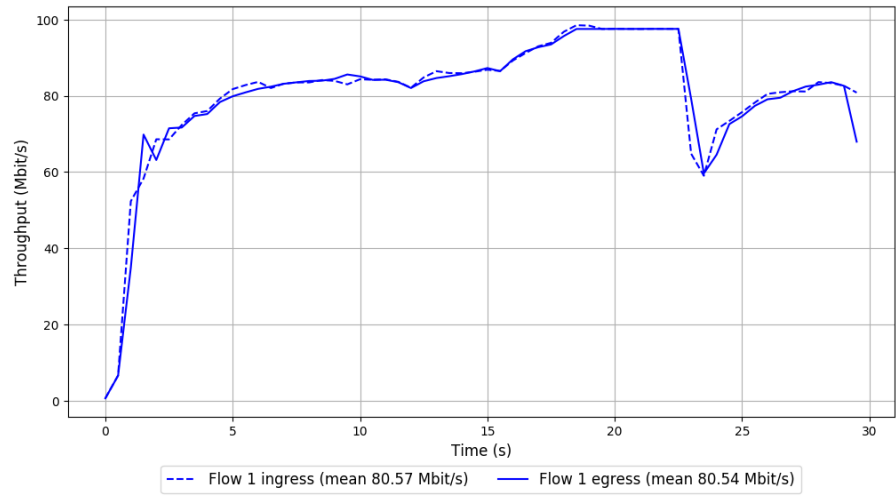


Run 9: Statistics of TCP Cubic

Start at: 2018-02-20 00:23:07
End at: 2018-02-20 00:23:37
Local clock offset: -6.453 ms
Remote clock offset: -3.696 ms

Below is generated by plot.py at 2018-02-20 04:36:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.54 Mbit/s
95th percentile per-packet one-way delay: 98.597 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 80.54 Mbit/s
95th percentile per-packet one-way delay: 98.597 ms
Loss rate: 0.59%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2018-02-20 00:45:14

End at: 2018-02-20 00:45:44

Local clock offset: -5.7 ms

Remote clock offset: -1.879 ms

Below is generated by plot.py at 2018-02-20 04:36:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.91 Mbit/s

95th percentile per-packet one-way delay: 97.070 ms

Loss rate: 0.71%

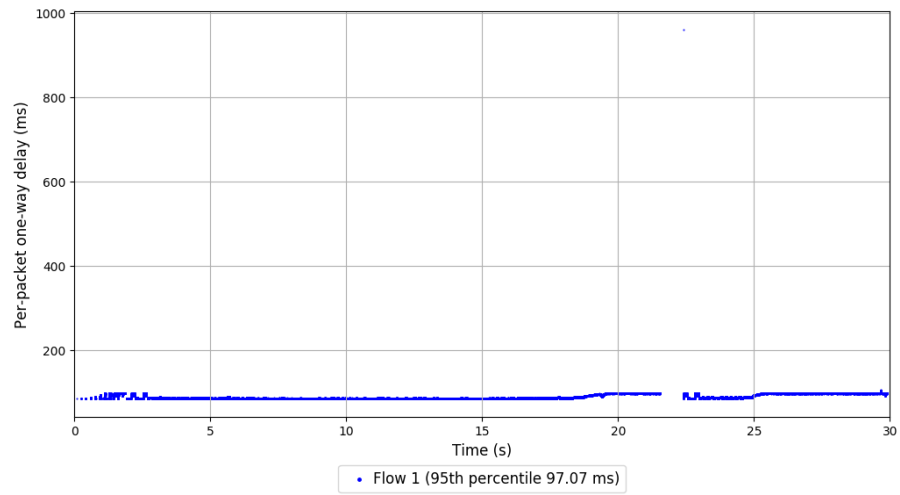
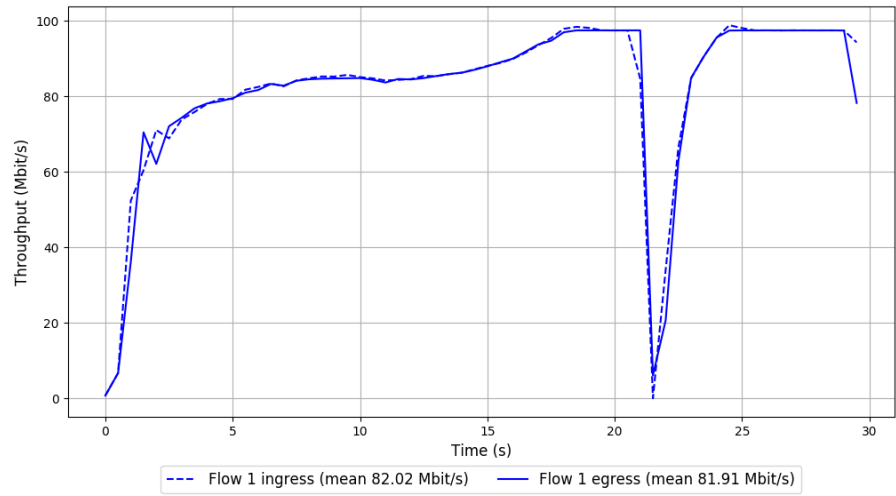
-- Flow 1:

Average throughput: 81.91 Mbit/s

95th percentile per-packet one-way delay: 97.070 ms

Loss rate: 0.71%

Run 10: Report of TCP Cubic — Data Link

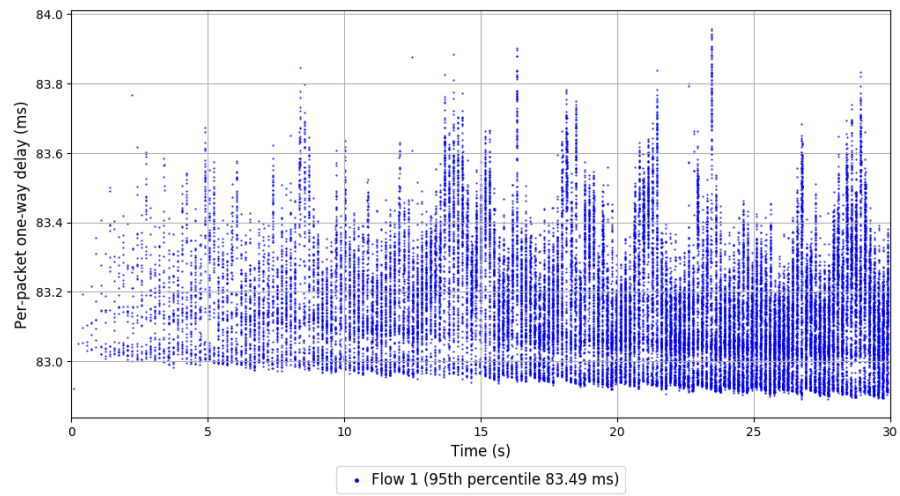
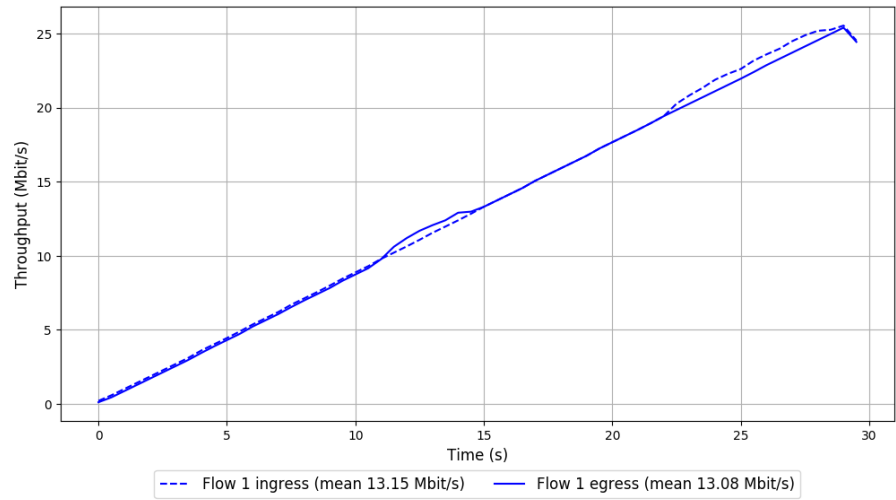


```
Run 1: Statistics of LEDBAT

Start at: 2018-02-19 21:16:52
End at: 2018-02-19 21:17:22
Local clock offset: -7.727 ms
Remote clock offset: -3.04 ms

# Below is generated by plot.py at 2018-02-20 04:36:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.08 Mbit/s
95th percentile per-packet one-way delay: 83.488 ms
Loss rate: 1.10%
-- Flow 1:
Average throughput: 13.08 Mbit/s
95th percentile per-packet one-way delay: 83.488 ms
Loss rate: 1.10%
```


Run 1: Report of LEDBAT — Data Link

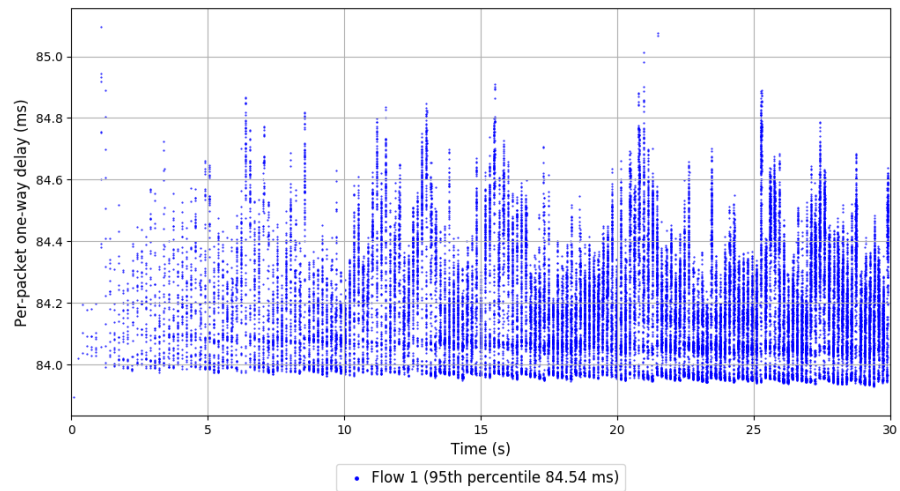
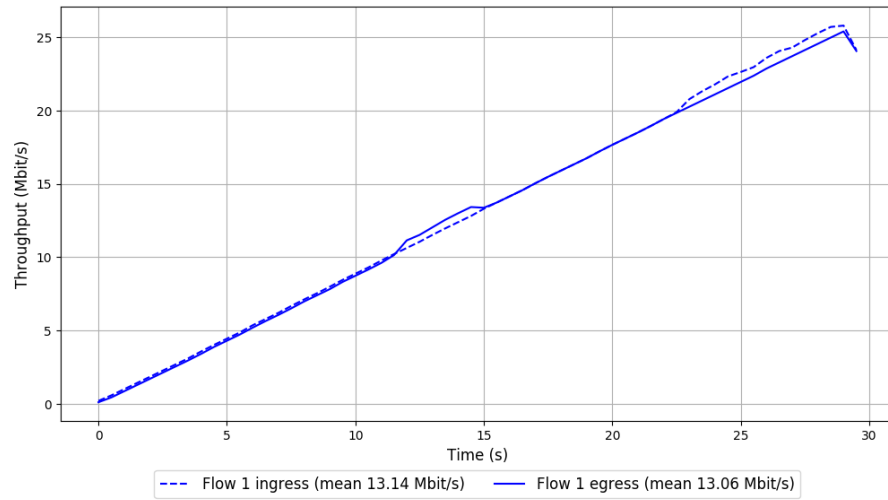


Run 2: Statistics of LEDBAT

Start at: 2018-02-19 21:38:54
End at: 2018-02-19 21:39:24
Local clock offset: -5.768 ms
Remote clock offset: -3.582 ms

Below is generated by plot.py at 2018-02-20 04:36:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 13.06 Mbit/s
95th percentile per-packet one-way delay: 84.543 ms
Loss rate: 1.10%
-- Flow 1:
Average throughput: 13.06 Mbit/s
95th percentile per-packet one-way delay: 84.543 ms
Loss rate: 1.10%

Run 2: Report of LEDBAT — Data Link

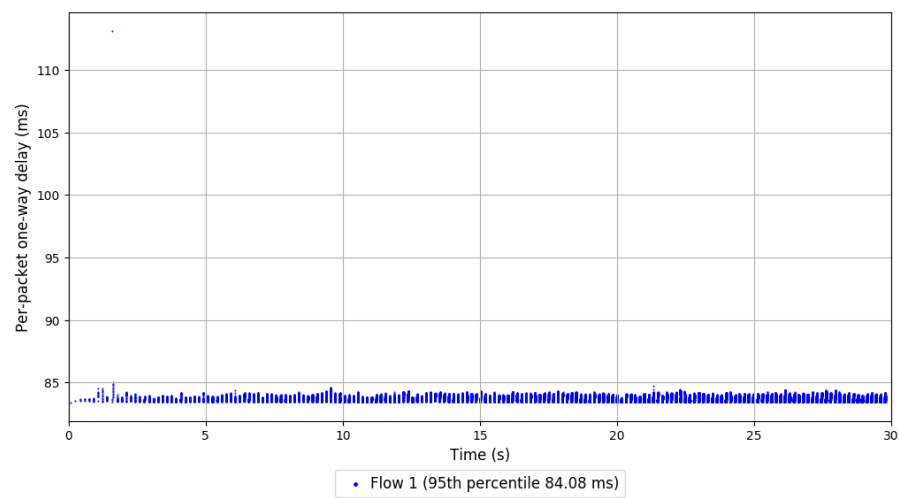
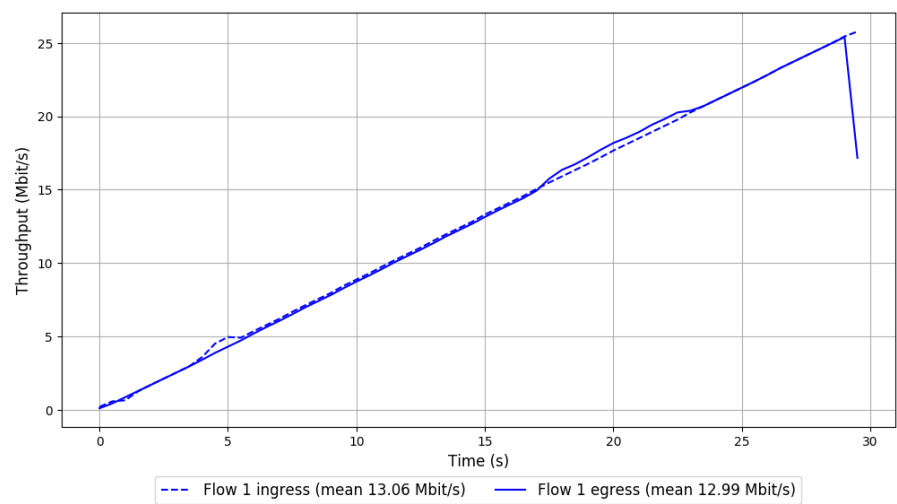


Run 3: Statistics of LEDBAT

Start at: 2018-02-19 22:00:55
End at: 2018-02-19 22:01:25
Local clock offset: -5.774 ms
Remote clock offset: -3.499 ms

Below is generated by plot.py at 2018-02-20 04:36:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.99 Mbit/s
95th percentile per-packet one-way delay: 84.079 ms
Loss rate: 1.11%
-- Flow 1:
Average throughput: 12.99 Mbit/s
95th percentile per-packet one-way delay: 84.079 ms
Loss rate: 1.11%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: 2018-02-19 22:22:57

End at: 2018-02-19 22:23:27

Local clock offset: -5.932 ms

Remote clock offset: 1.287 ms

Below is generated by plot.py at 2018-02-20 04:36:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 13.11 Mbit/s

95th percentile per-packet one-way delay: 78.867 ms

Loss rate: 1.10%

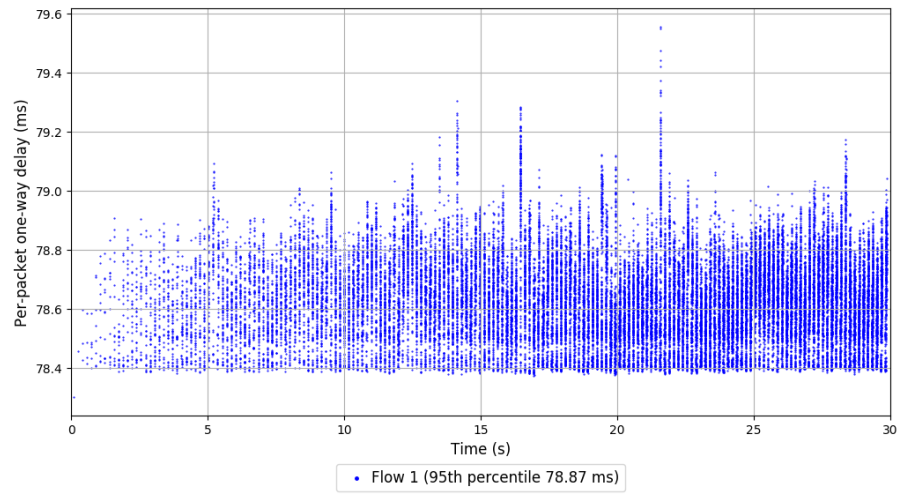
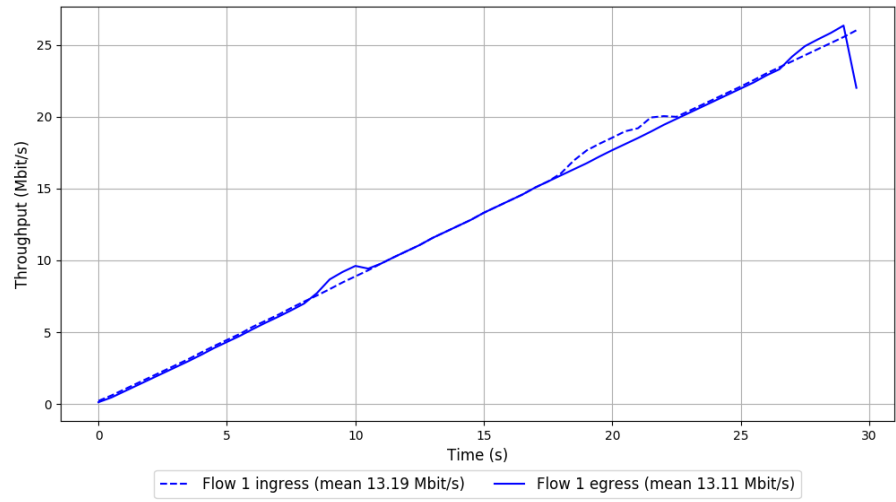
-- Flow 1:

Average throughput: 13.11 Mbit/s

95th percentile per-packet one-way delay: 78.867 ms

Loss rate: 1.10%

Run 4: Report of LEDBAT — Data Link

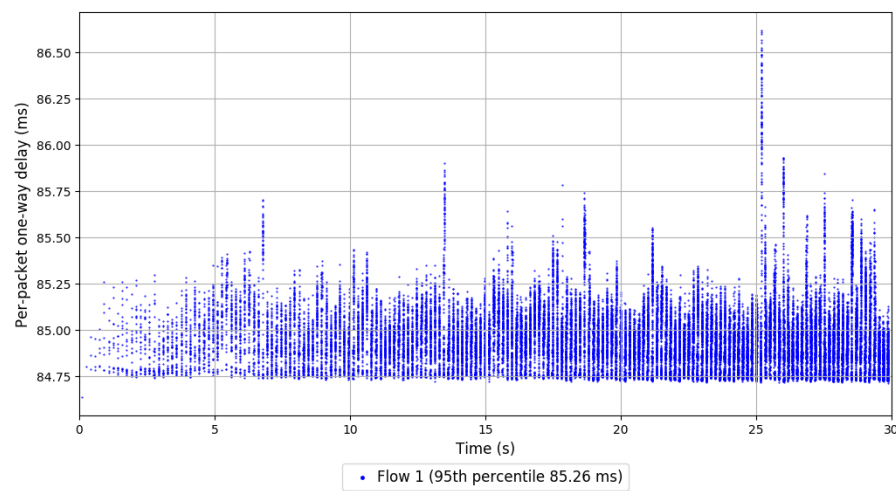
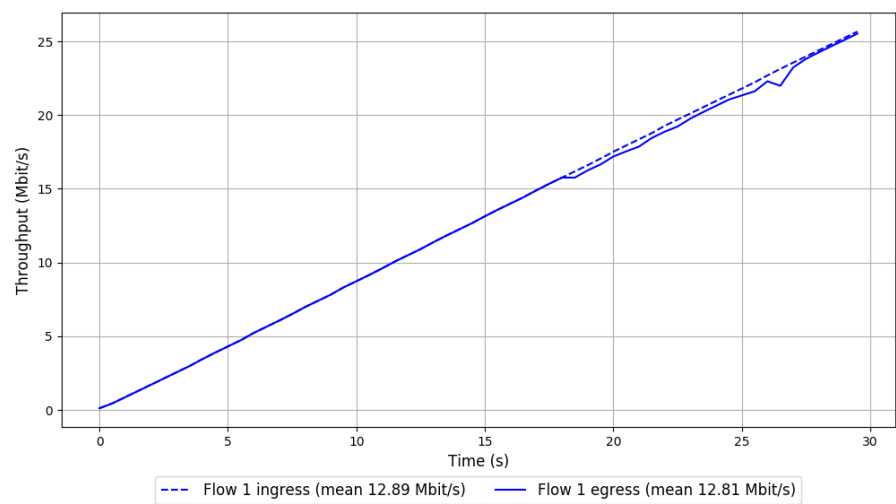


Run 5: Statistics of LEDBAT

Start at: 2018-02-19 22:45:03
End at: 2018-02-19 22:45:33
Local clock offset: -3.517 ms
Remote clock offset: -3.467 ms

Below is generated by plot.py at 2018-02-20 04:36:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.81 Mbit/s
95th percentile per-packet one-way delay: 85.262 ms
Loss rate: 1.11%
-- Flow 1:
Average throughput: 12.81 Mbit/s
95th percentile per-packet one-way delay: 85.262 ms
Loss rate: 1.11%

Run 5: Report of LEDBAT — Data Link



Run 6: Statistics of LEDBAT

Start at: 2018-02-19 23:07:09

End at: 2018-02-19 23:07:39

Local clock offset: -2.351 ms

Remote clock offset: 0.616 ms

Below is generated by plot.py at 2018-02-20 04:36:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 8.13 Mbit/s

95th percentile per-packet one-way delay: 81.362 ms

Loss rate: 0.89%

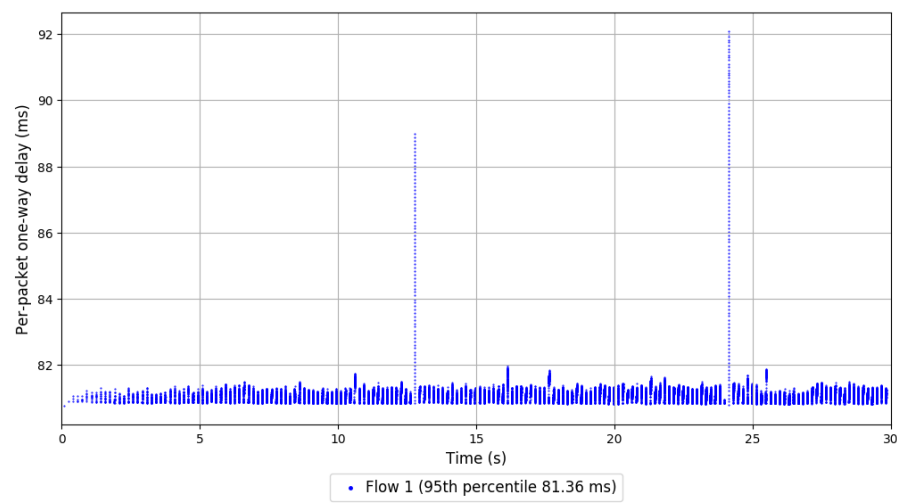
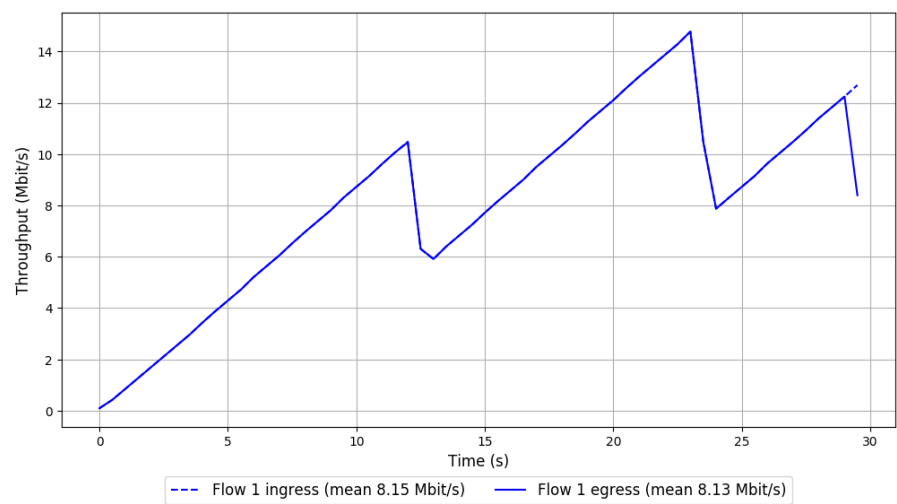
-- Flow 1:

Average throughput: 8.13 Mbit/s

95th percentile per-packet one-way delay: 81.362 ms

Loss rate: 0.89%

Run 6: Report of LEDBAT — Data Link

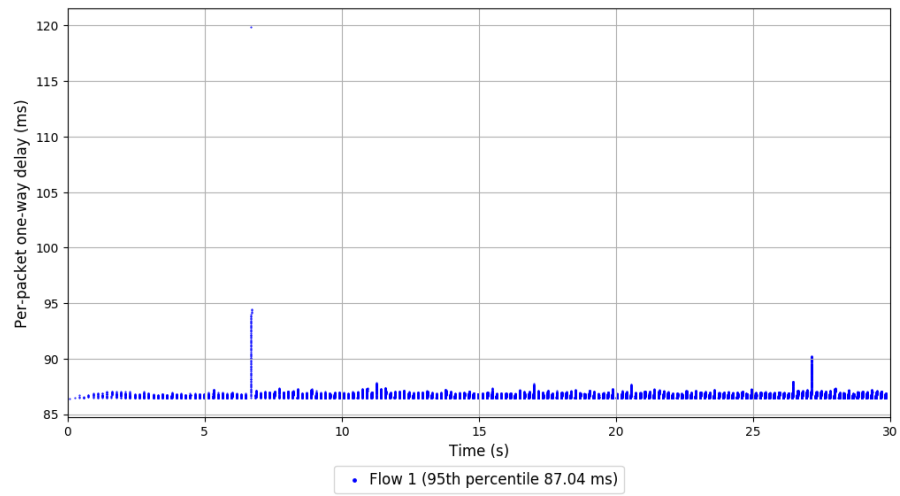
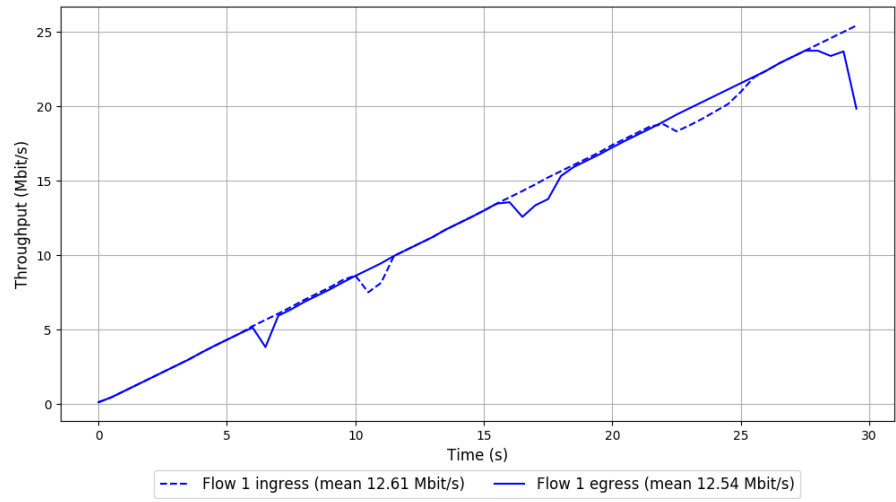


Run 7: Statistics of LEDBAT

Start at: 2018-02-19 23:29:11
End at: 2018-02-19 23:29:41
Local clock offset: -1.345 ms
Remote clock offset: -3.432 ms

Below is generated by plot.py at 2018-02-20 04:36:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.54 Mbit/s
95th percentile per-packet one-way delay: 87.043 ms
Loss rate: 1.13%
-- Flow 1:
Average throughput: 12.54 Mbit/s
95th percentile per-packet one-way delay: 87.043 ms
Loss rate: 1.13%

Run 7: Report of LEDBAT — Data Link

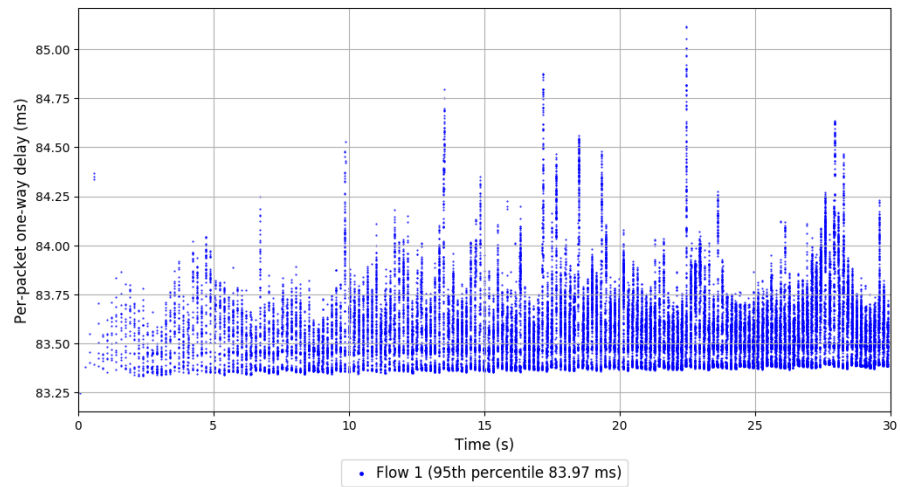
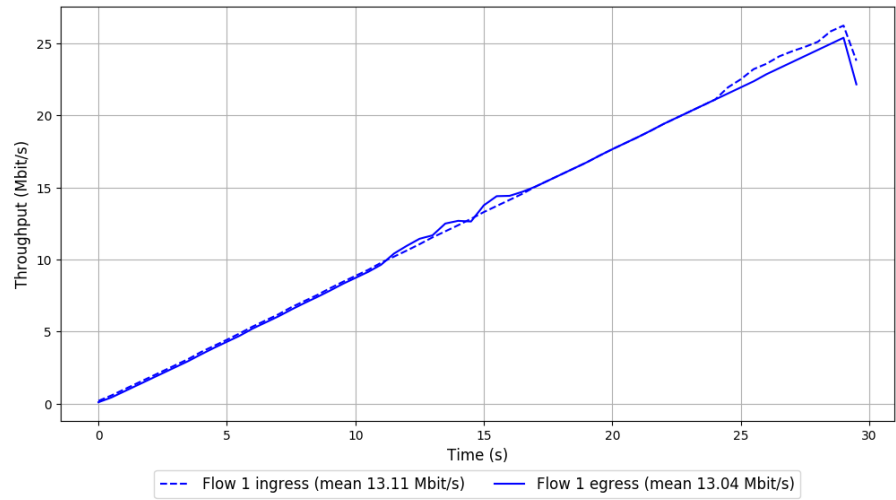


Run 8: Statistics of LEDBAT

Start at: 2018-02-19 23:51:13
End at: 2018-02-19 23:51:43
Local clock offset: -5.749 ms
Remote clock offset: -3.661 ms

Below is generated by plot.py at 2018-02-20 04:36:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 13.04 Mbit/s
95th percentile per-packet one-way delay: 83.967 ms
Loss rate: 1.10%
-- Flow 1:
Average throughput: 13.04 Mbit/s
95th percentile per-packet one-way delay: 83.967 ms
Loss rate: 1.10%

Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

Start at: 2018-02-20 00:13:18

End at: 2018-02-20 00:13:48

Local clock offset: -6.672 ms

Remote clock offset: 1.158 ms

Below is generated by plot.py at 2018-02-20 04:36:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.82 Mbit/s

95th percentile per-packet one-way delay: 80.604 ms

Loss rate: 1.11%

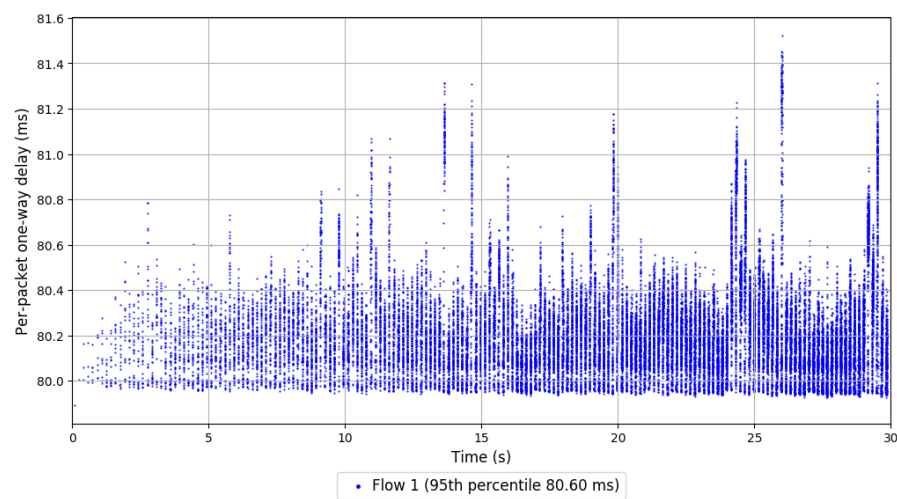
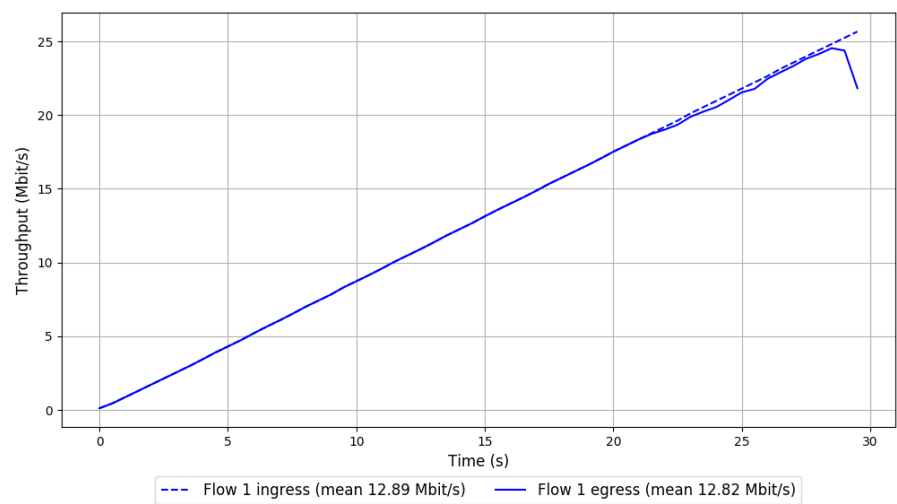
-- Flow 1:

Average throughput: 12.82 Mbit/s

95th percentile per-packet one-way delay: 80.604 ms

Loss rate: 1.11%

Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: 2018-02-20 00:35:28

End at: 2018-02-20 00:35:58

Local clock offset: -6.443 ms

Remote clock offset: 2.209 ms

Below is generated by plot.py at 2018-02-20 04:36:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.43 Mbit/s

95th percentile per-packet one-way delay: 82.445 ms

Loss rate: 1.13%

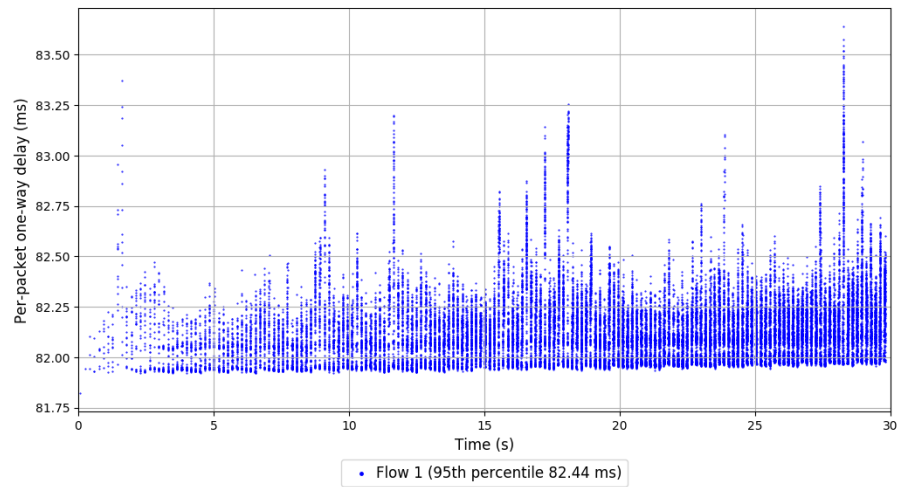
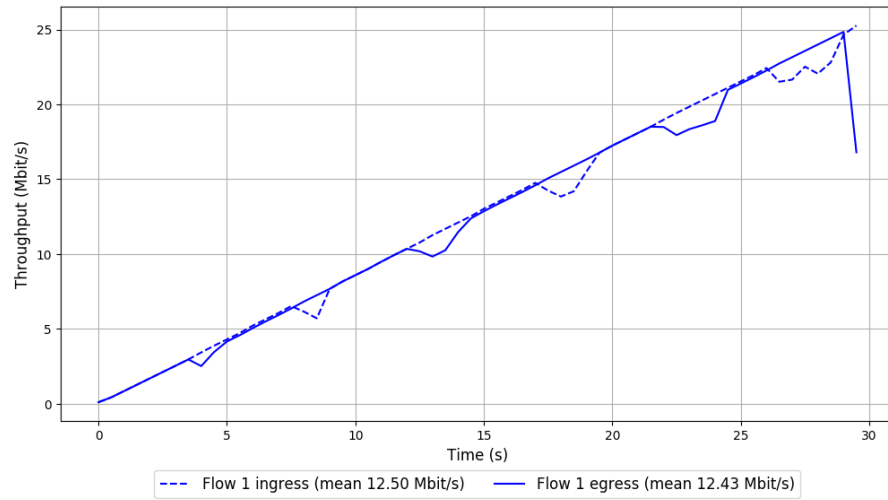
-- Flow 1:

Average throughput: 12.43 Mbit/s

95th percentile per-packet one-way delay: 82.445 ms

Loss rate: 1.13%

Run 10: Report of LEDBAT — Data Link

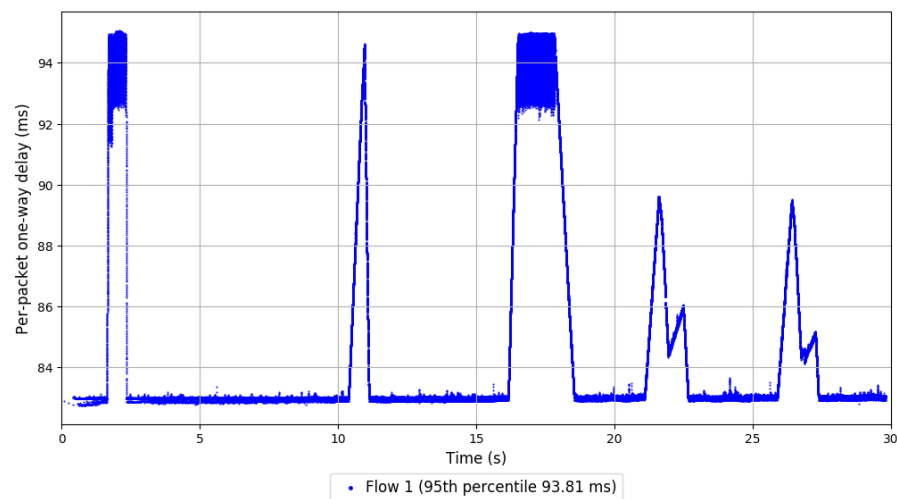
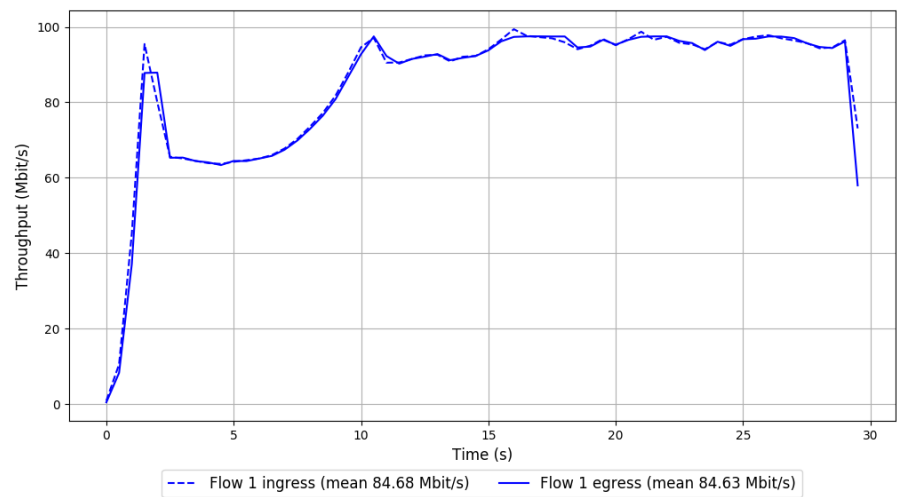


Run 1: Statistics of PCC

Start at: 2018-02-19 21:08:16
End at: 2018-02-19 21:08:46
Local clock offset: -7.414 ms
Remote clock offset: -3.464 ms

Below is generated by plot.py at 2018-02-20 04:37:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 84.63 Mbit/s
95th percentile per-packet one-way delay: 93.807 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 84.63 Mbit/s
95th percentile per-packet one-way delay: 93.807 ms
Loss rate: 0.62%

Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

Start at: 2018-02-19 21:30:18

End at: 2018-02-19 21:30:48

Local clock offset: -6.031 ms

Remote clock offset: 2.008 ms

Below is generated by plot.py at 2018-02-20 04:37:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.35 Mbit/s

95th percentile per-packet one-way delay: 91.733 ms

Loss rate: 0.63%

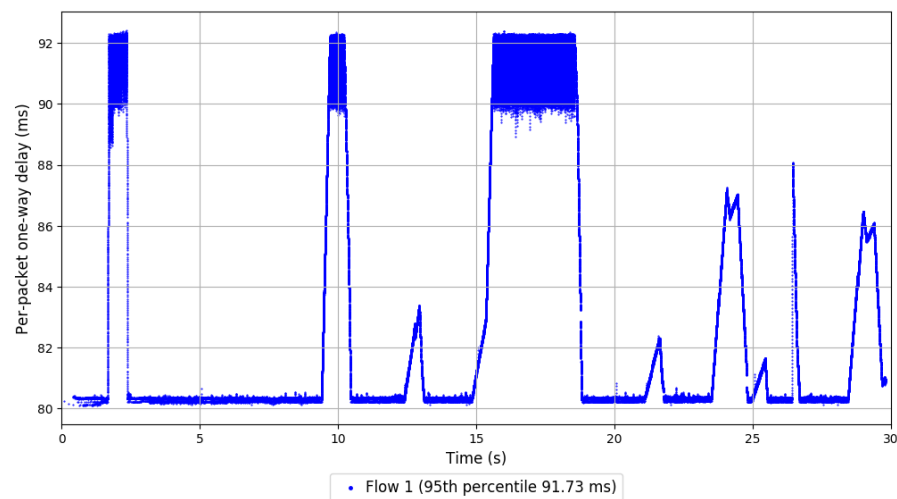
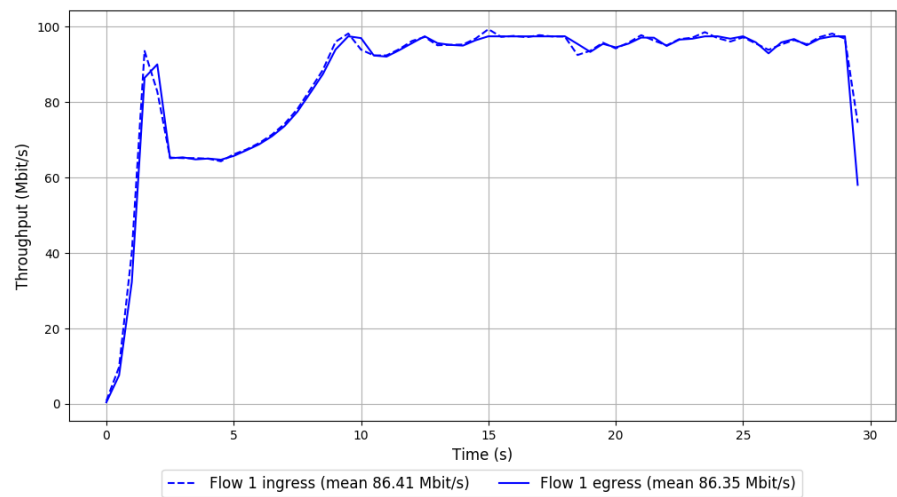
-- Flow 1:

Average throughput: 86.35 Mbit/s

95th percentile per-packet one-way delay: 91.733 ms

Loss rate: 0.63%

Run 2: Report of PCC — Data Link



Run 3: Statistics of PCC

Start at: 2018-02-19 21:52:19

End at: 2018-02-19 21:52:49

Local clock offset: -5.758 ms

Remote clock offset: 0.6 ms

Below is generated by plot.py at 2018-02-20 04:37:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.52 Mbit/s

95th percentile per-packet one-way delay: 92.205 ms

Loss rate: 0.60%

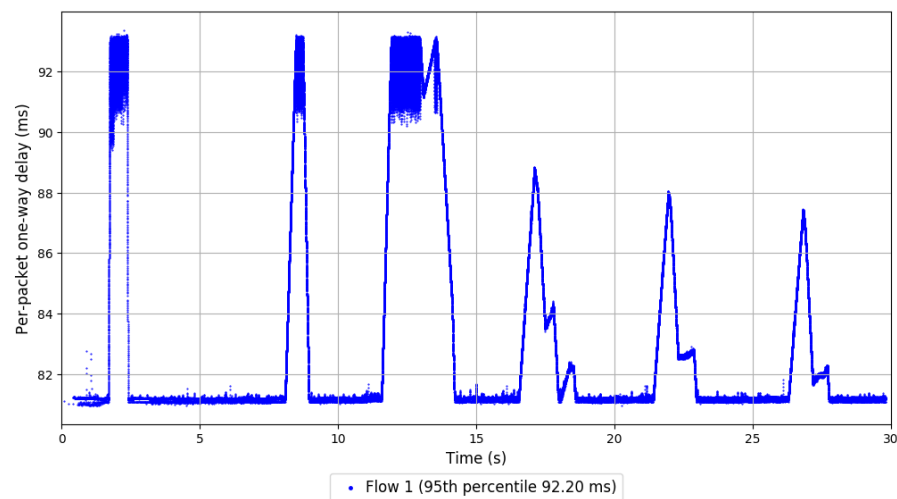
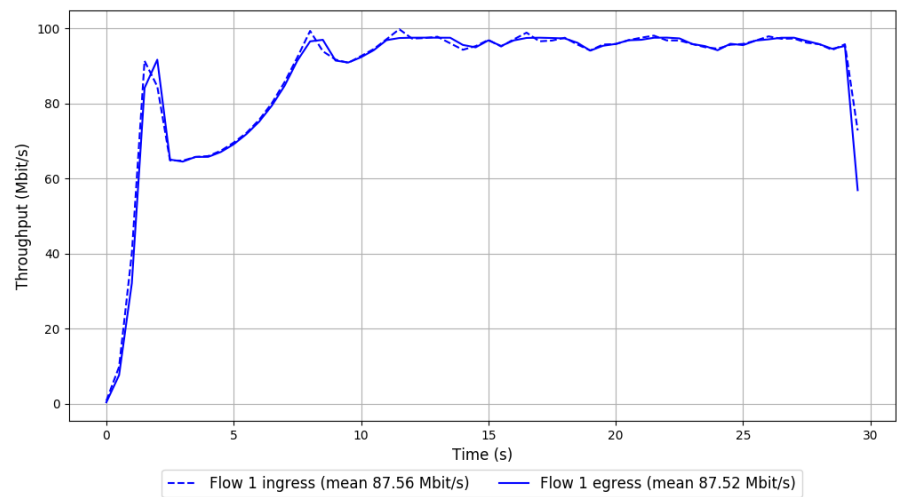
-- Flow 1:

Average throughput: 87.52 Mbit/s

95th percentile per-packet one-way delay: 92.205 ms

Loss rate: 0.60%

Run 3: Report of PCC — Data Link



Run 4: Statistics of PCC

Start at: 2018-02-19 22:14:21

End at: 2018-02-19 22:14:51

Local clock offset: -5.834 ms

Remote clock offset: -3.57 ms

Below is generated by plot.py at 2018-02-20 04:37:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.60 Mbit/s

95th percentile per-packet one-way delay: 96.402 ms

Loss rate: 0.63%

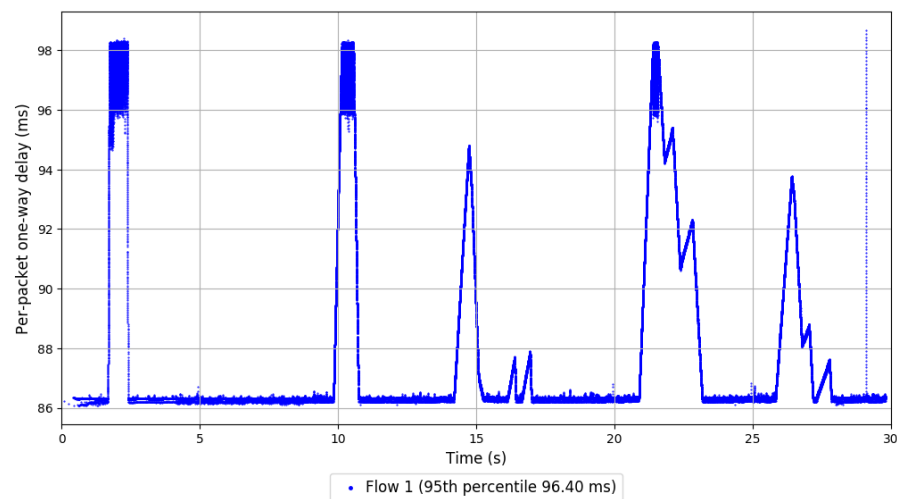
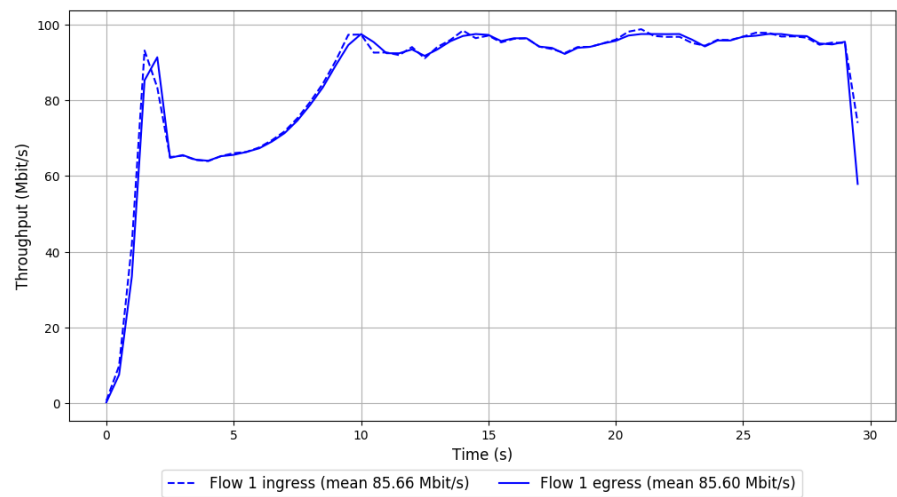
-- Flow 1:

Average throughput: 85.60 Mbit/s

95th percentile per-packet one-way delay: 96.402 ms

Loss rate: 0.63%

Run 4: Report of PCC — Data Link



Run 5: Statistics of PCC

Start at: 2018-02-19 22:36:25

End at: 2018-02-19 22:36:55

Local clock offset: -4.236 ms

Remote clock offset: 2.157 ms

Below is generated by plot.py at 2018-02-20 04:37:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.70 Mbit/s

95th percentile per-packet one-way delay: 88.009 ms

Loss rate: 0.60%

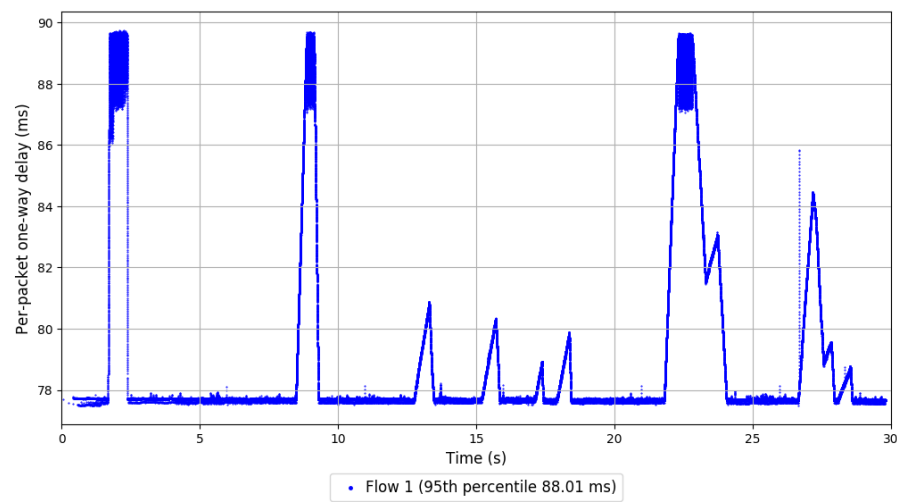
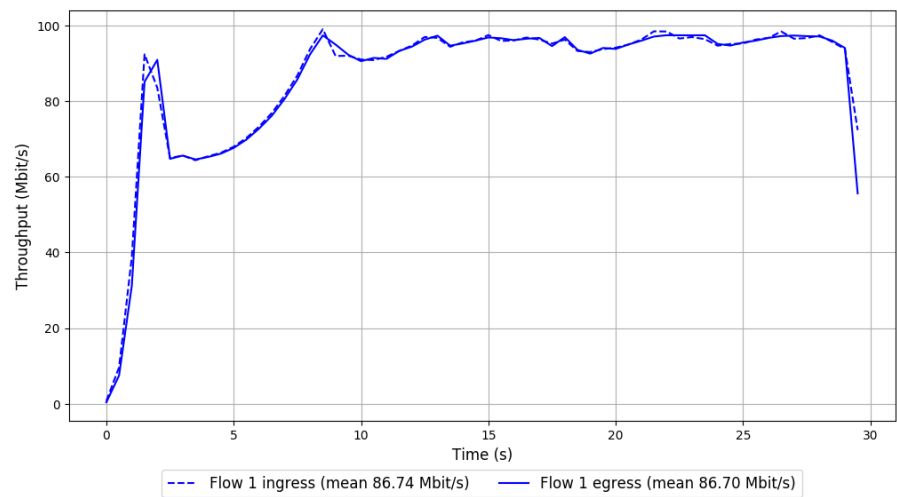
-- Flow 1:

Average throughput: 86.70 Mbit/s

95th percentile per-packet one-way delay: 88.009 ms

Loss rate: 0.60%

Run 5: Report of PCC — Data Link

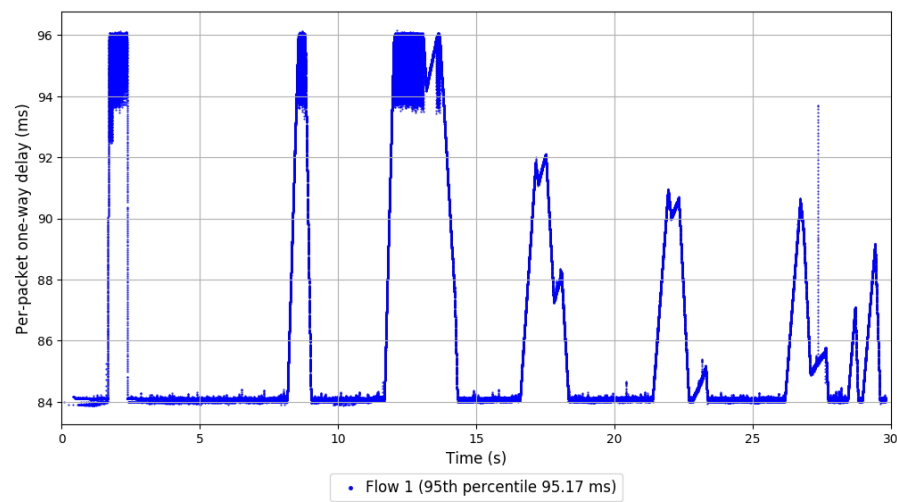
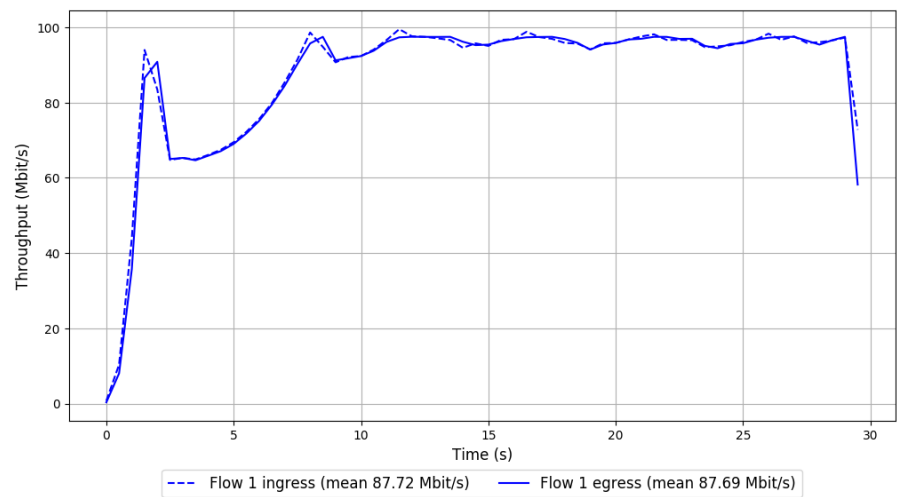


Run 6: Statistics of PCC

Start at: 2018-02-19 22:58:33
End at: 2018-02-19 22:59:03
Local clock offset: -3.08 ms
Remote clock offset: -4.215 ms

Below is generated by plot.py at 2018-02-20 04:37:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.69 Mbit/s
95th percentile per-packet one-way delay: 95.169 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 87.69 Mbit/s
95th percentile per-packet one-way delay: 95.169 ms
Loss rate: 0.59%

Run 6: Report of PCC — Data Link



Run 7: Statistics of PCC

Start at: 2018-02-19 23:20:36

End at: 2018-02-19 23:21:06

Local clock offset: -1.675 ms

Remote clock offset: 1.435 ms

Below is generated by plot.py at 2018-02-20 04:37:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.93 Mbit/s

95th percentile per-packet one-way delay: 89.287 ms

Loss rate: 0.62%

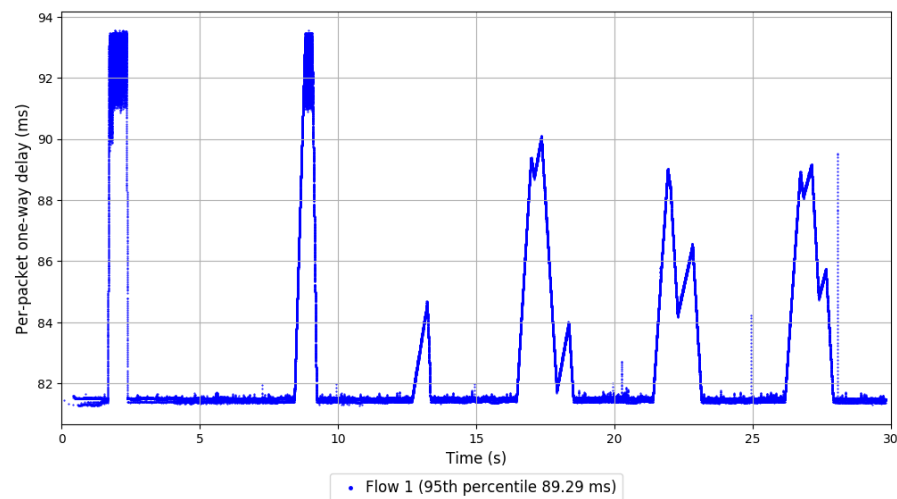
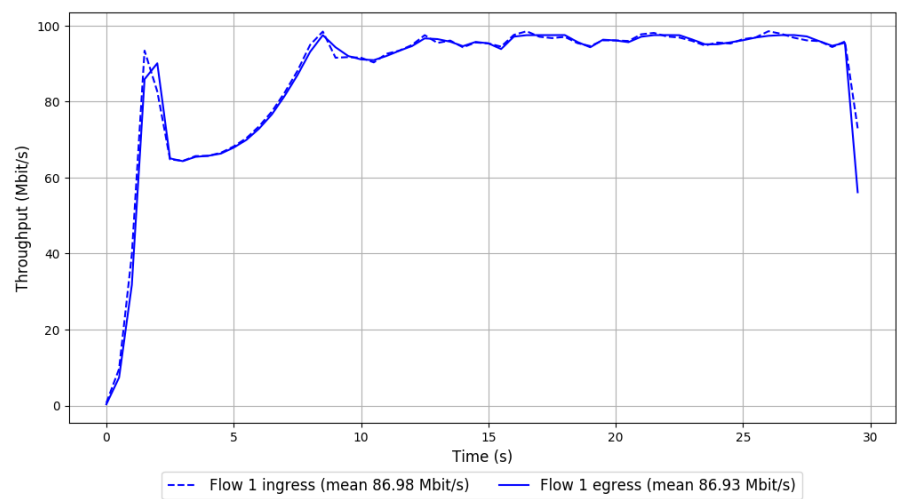
-- Flow 1:

Average throughput: 86.93 Mbit/s

95th percentile per-packet one-way delay: 89.287 ms

Loss rate: 0.62%

Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

Start at: 2018-02-19 23:42:38

End at: 2018-02-19 23:43:08

Local clock offset: -4.433 ms

Remote clock offset: 0.384 ms

Below is generated by plot.py at 2018-02-20 04:37:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.92 Mbit/s

95th percentile per-packet one-way delay: 93.794 ms

Loss rate: 0.64%

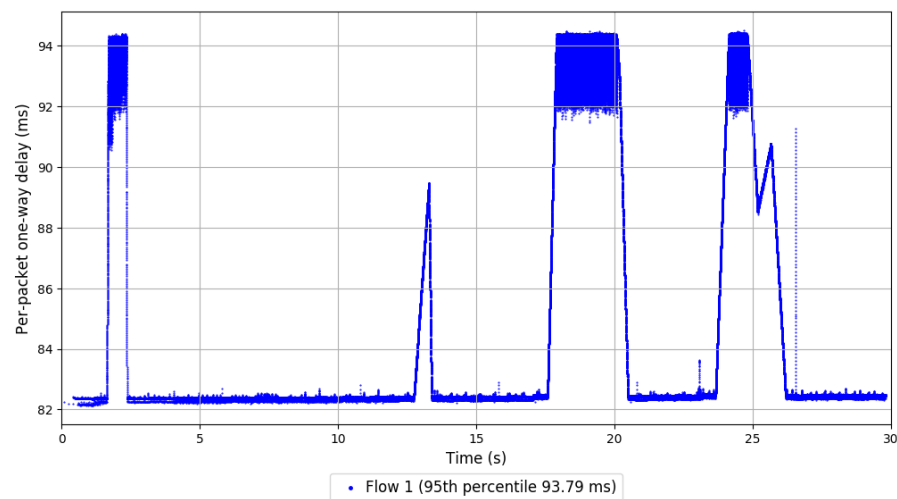
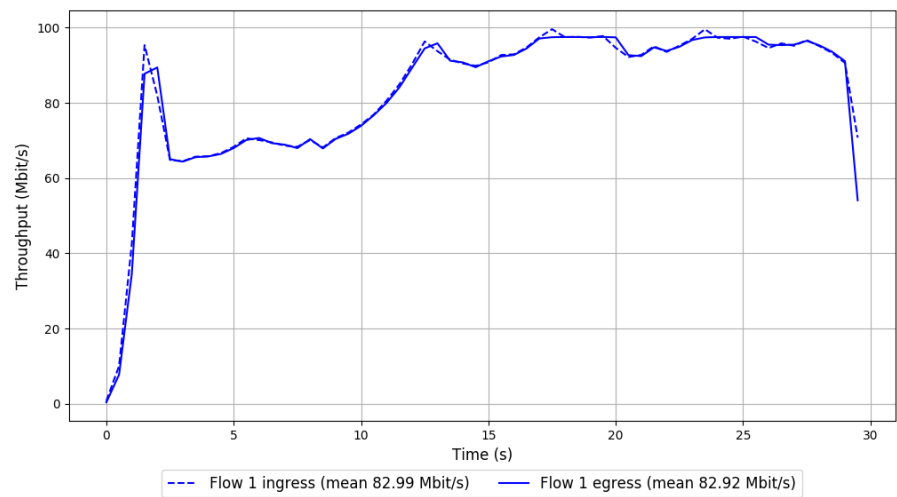
-- Flow 1:

Average throughput: 82.92 Mbit/s

95th percentile per-packet one-way delay: 93.794 ms

Loss rate: 0.64%

Run 8: Report of PCC — Data Link



Run 9: Statistics of PCC

Start at: 2018-02-20 00:04:41

End at: 2018-02-20 00:05:11

Local clock offset: -6.816 ms

Remote clock offset: 1.171 ms

Below is generated by plot.py at 2018-02-20 04:38:25

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.73 Mbit/s

95th percentile per-packet one-way delay: 89.549 ms

Loss rate: 0.61%

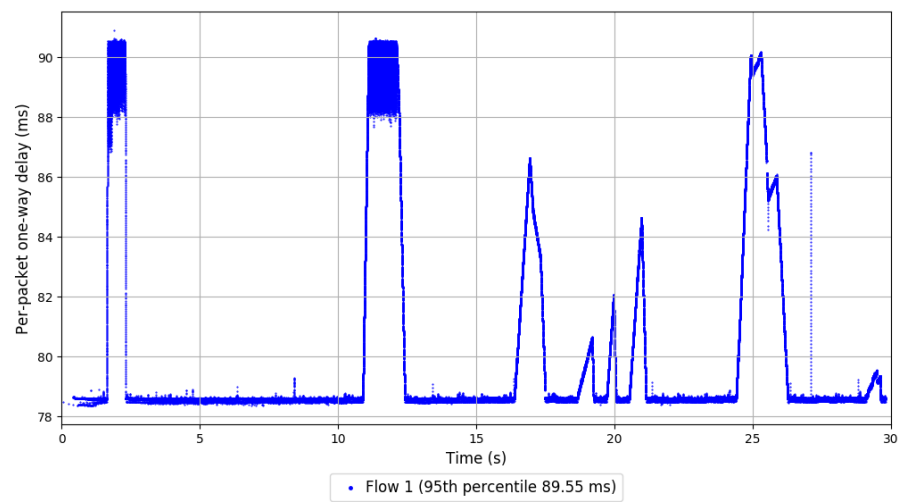
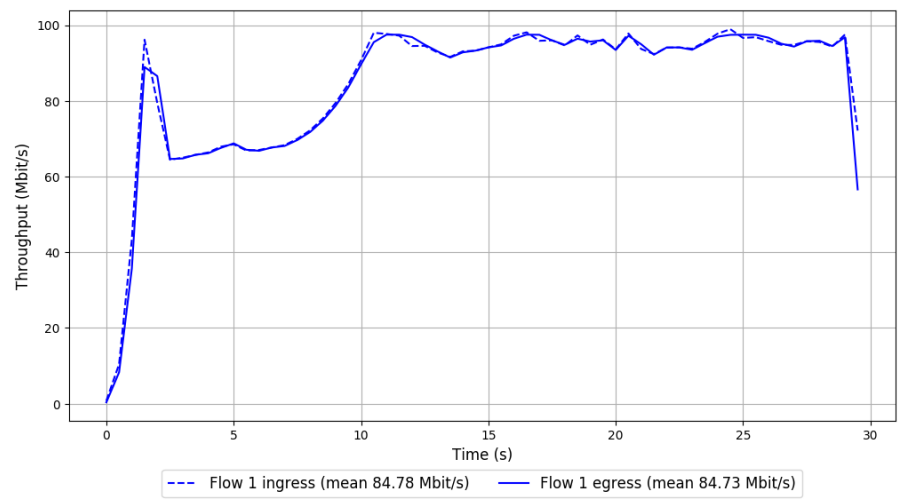
-- Flow 1:

Average throughput: 84.73 Mbit/s

95th percentile per-packet one-way delay: 89.549 ms

Loss rate: 0.61%

Run 9: Report of PCC — Data Link



Run 10: Statistics of PCC

Start at: 2018-02-20 00:26:54

End at: 2018-02-20 00:27:24

Local clock offset: -6.455 ms

Remote clock offset: 1.896 ms

Below is generated by plot.py at 2018-02-20 04:38:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.86 Mbit/s

95th percentile per-packet one-way delay: 91.970 ms

Loss rate: 0.70%

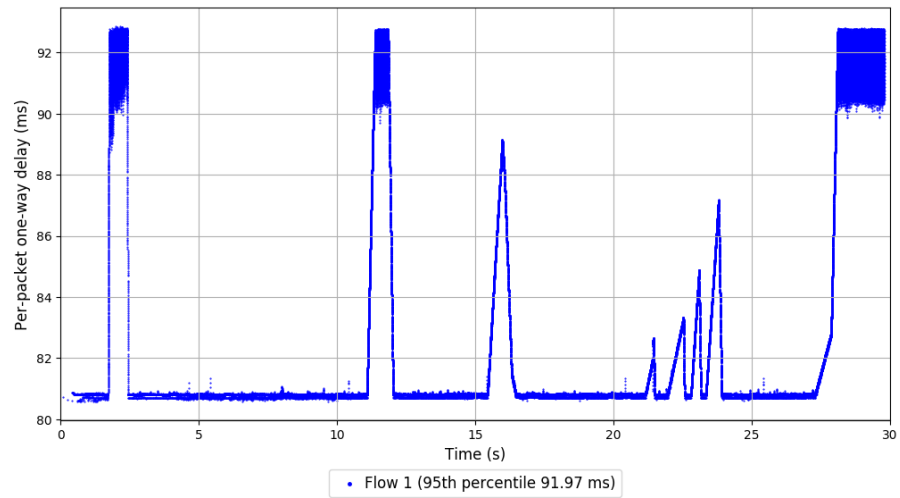
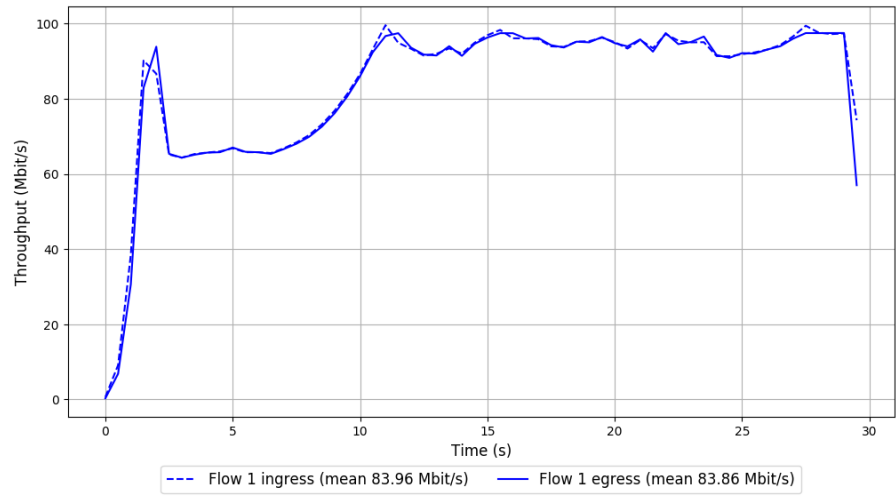
-- Flow 1:

Average throughput: 83.86 Mbit/s

95th percentile per-packet one-way delay: 91.970 ms

Loss rate: 0.70%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2018-02-19 21:18:03

End at: 2018-02-19 21:18:33

Local clock offset: -7.437 ms

Remote clock offset: 1.757 ms

Below is generated by plot.py at 2018-02-20 04:38:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 59.06 Mbit/s

95th percentile per-packet one-way delay: 91.438 ms

Loss rate: 0.98%

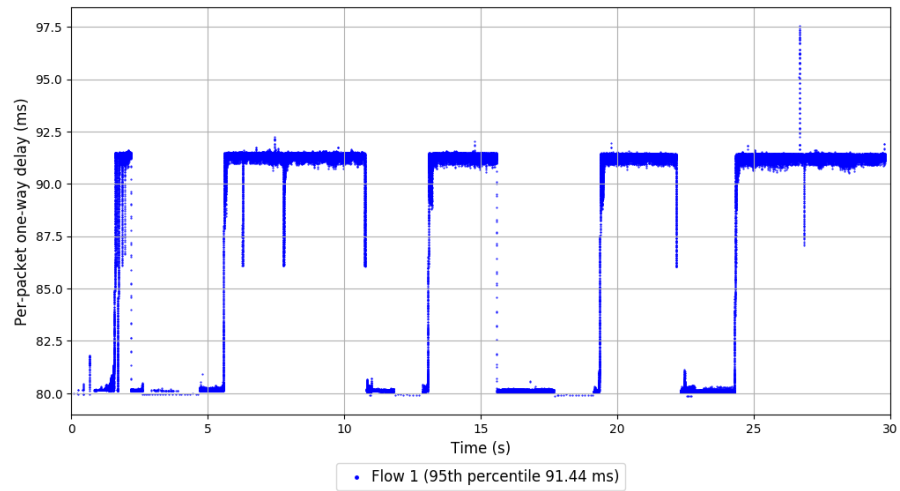
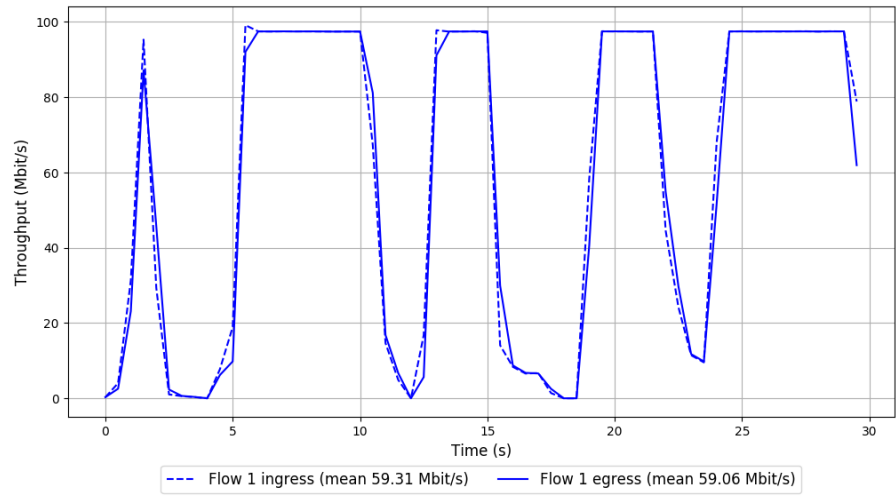
-- Flow 1:

Average throughput: 59.06 Mbit/s

95th percentile per-packet one-way delay: 91.438 ms

Loss rate: 0.98%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2018-02-19 21:40:04

End at: 2018-02-19 21:40:34

Local clock offset: -5.729 ms

Remote clock offset: 1.127 ms

Below is generated by plot.py at 2018-02-20 04:38:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 65.68 Mbit/s

95th percentile per-packet one-way delay: 90.907 ms

Loss rate: 0.87%

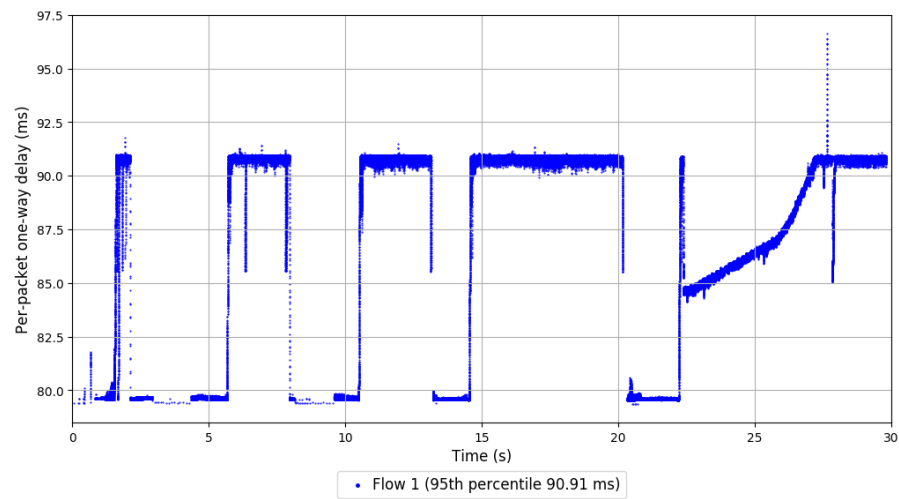
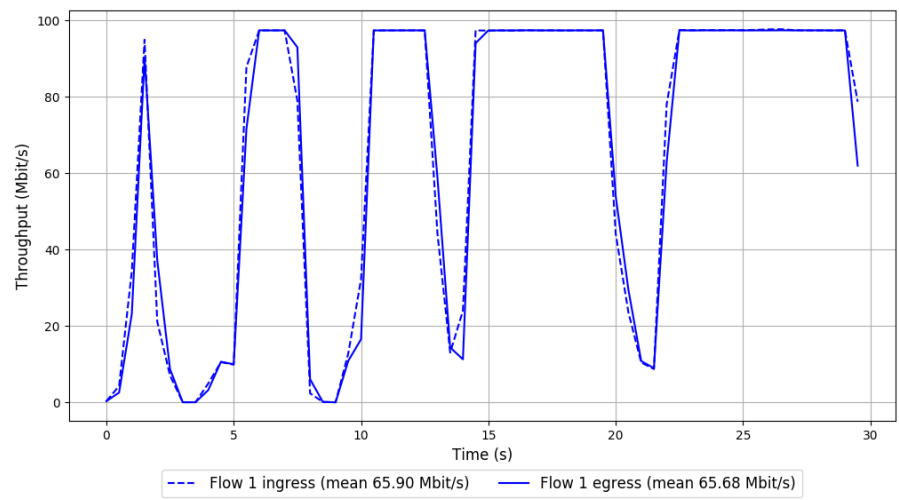
-- Flow 1:

Average throughput: 65.68 Mbit/s

95th percentile per-packet one-way delay: 90.907 ms

Loss rate: 0.87%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2018-02-19 22:02:06

End at: 2018-02-19 22:02:36

Local clock offset: -5.759 ms

Remote clock offset: 1.238 ms

Below is generated by plot.py at 2018-02-20 04:38:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 66.65 Mbit/s

95th percentile per-packet one-way delay: 91.108 ms

Loss rate: 0.80%

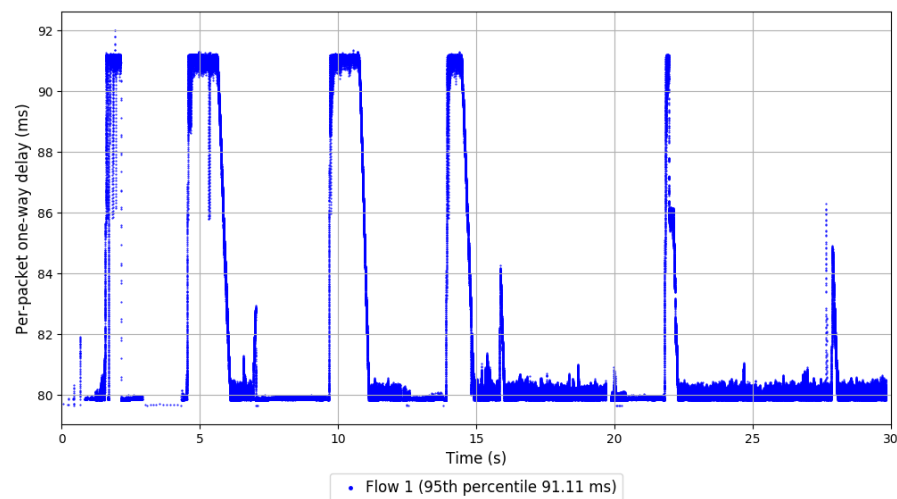
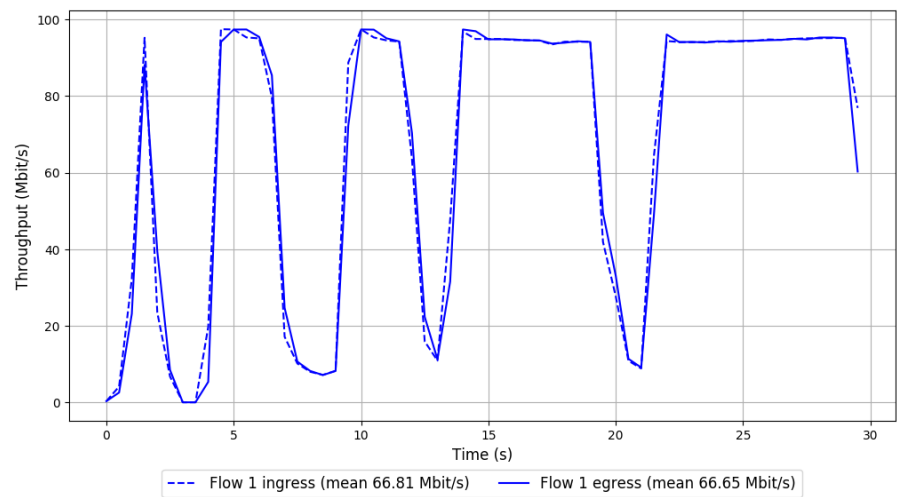
-- Flow 1:

Average throughput: 66.65 Mbit/s

95th percentile per-packet one-way delay: 91.108 ms

Loss rate: 0.80%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2018-02-19 22:24:08

End at: 2018-02-19 22:24:38

Local clock offset: -5.936 ms

Remote clock offset: 1.268 ms

Below is generated by plot.py at 2018-02-20 04:39:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 66.11 Mbit/s

95th percentile per-packet one-way delay: 91.592 ms

Loss rate: 0.88%

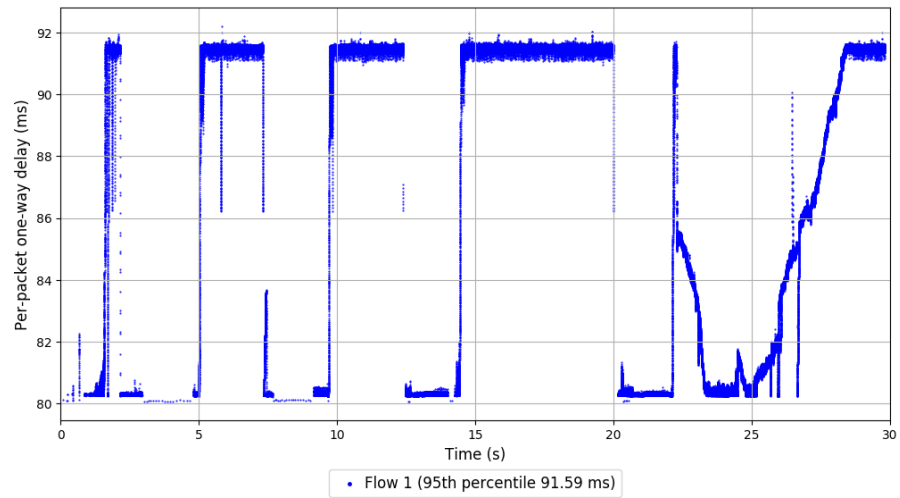
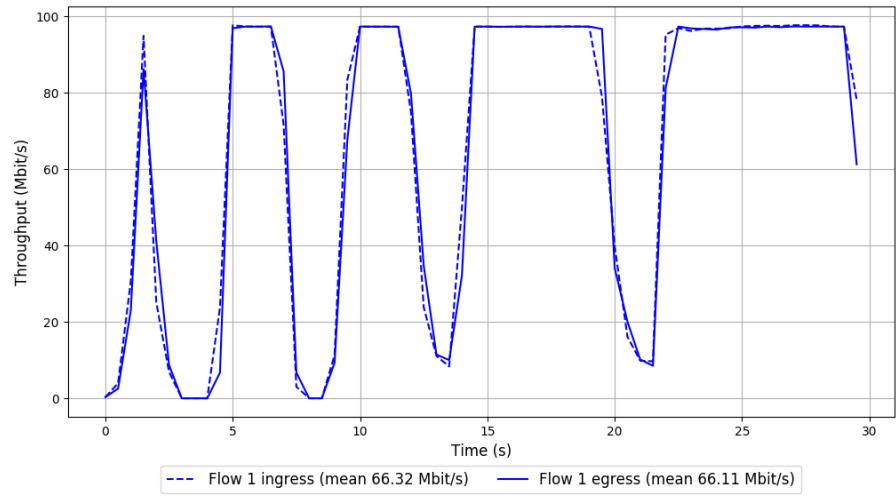
-- Flow 1:

Average throughput: 66.11 Mbit/s

95th percentile per-packet one-way delay: 91.592 ms

Loss rate: 0.88%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2018-02-19 22:46:14

End at: 2018-02-19 22:46:44

Local clock offset: -3.449 ms

Remote clock offset: 0.453 ms

Below is generated by plot.py at 2018-02-20 04:39:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 63.21 Mbit/s

95th percentile per-packet one-way delay: 90.894 ms

Loss rate: 0.90%

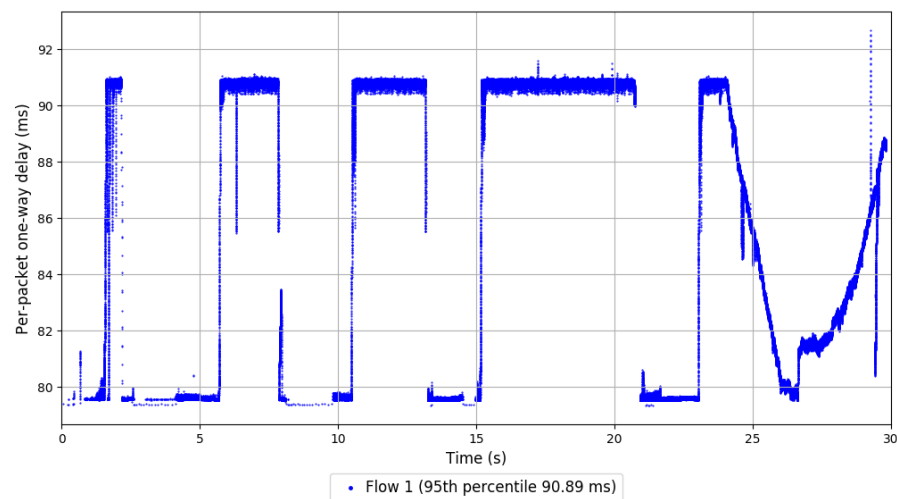
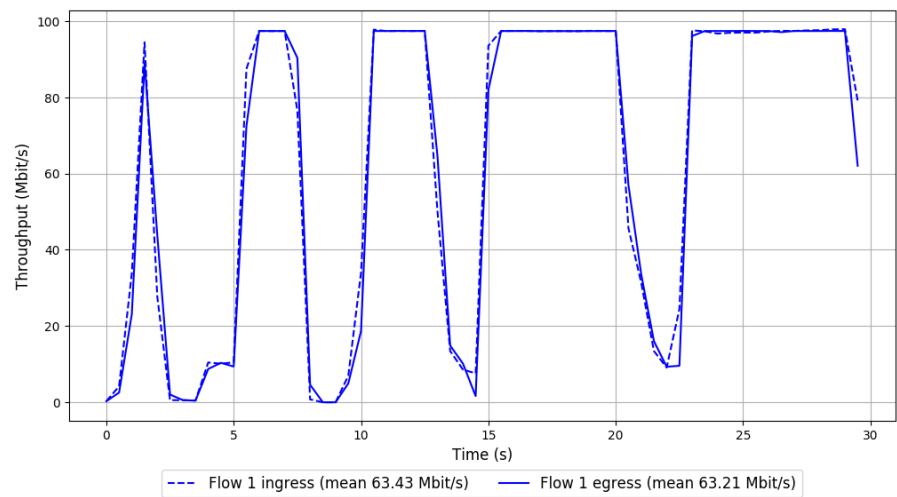
-- Flow 1:

Average throughput: 63.21 Mbit/s

95th percentile per-packet one-way delay: 90.894 ms

Loss rate: 0.90%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2018-02-19 23:08:19

End at: 2018-02-19 23:08:49

Local clock offset: -2.299 ms

Remote clock offset: 0.687 ms

Below is generated by plot.py at 2018-02-20 04:39:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 72.01 Mbit/s

95th percentile per-packet one-way delay: 92.282 ms

Loss rate: 0.80%

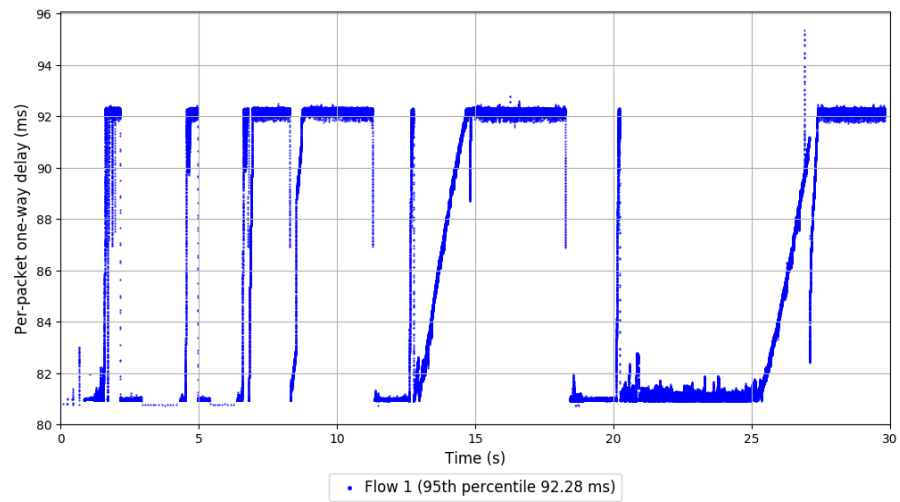
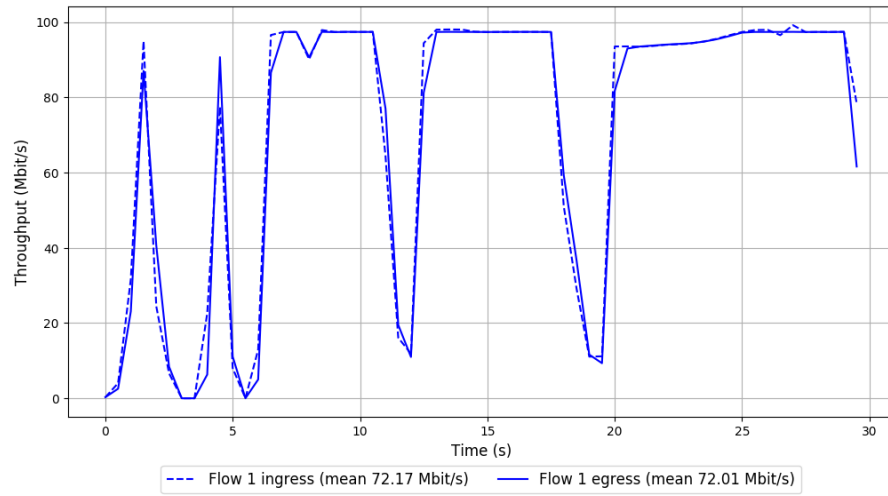
-- Flow 1:

Average throughput: 72.01 Mbit/s

95th percentile per-packet one-way delay: 92.282 ms

Loss rate: 0.80%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: 2018-02-19 23:30:22

End at: 2018-02-19 23:30:52

Local clock offset: -1.305 ms

Remote clock offset: 2.276 ms

Below is generated by plot.py at 2018-02-20 04:39:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 43.39 Mbit/s

95th percentile per-packet one-way delay: 84.563 ms

Loss rate: 1.28%

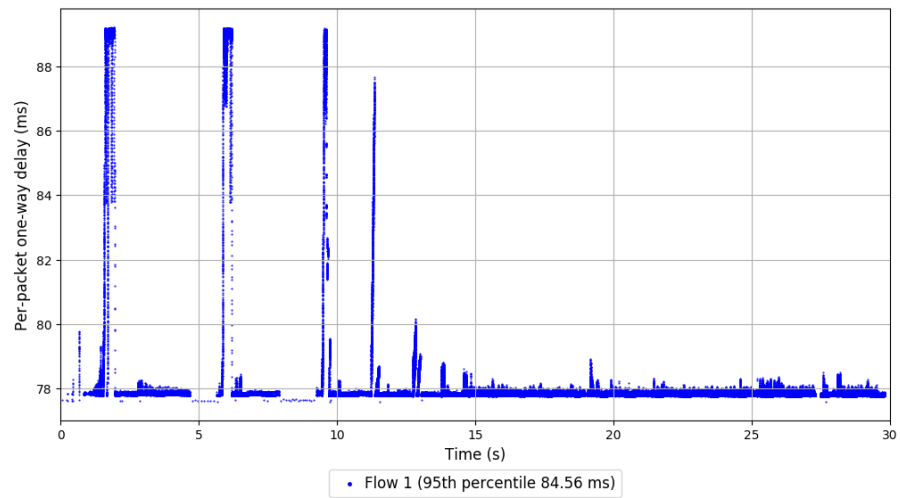
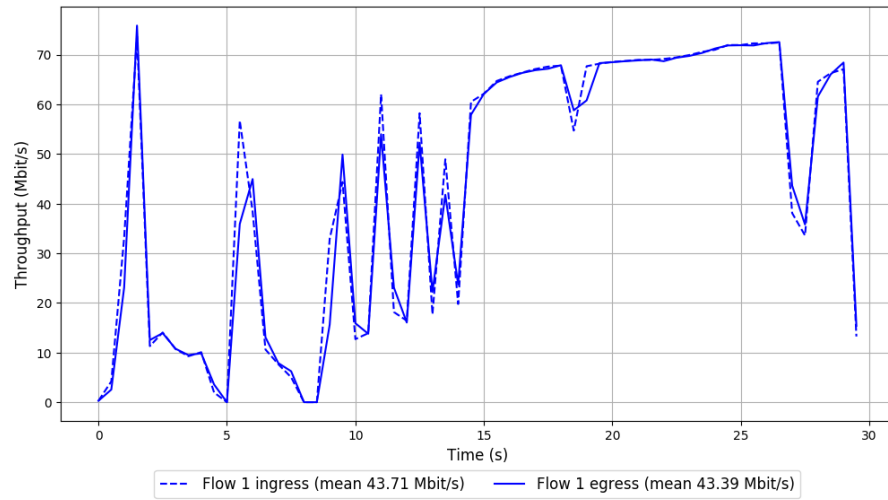
-- Flow 1:

Average throughput: 43.39 Mbit/s

95th percentile per-packet one-way delay: 84.563 ms

Loss rate: 1.28%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2018-02-19 23:52:24

End at: 2018-02-19 23:52:54

Local clock offset: -5.867 ms

Remote clock offset: -4.469 ms

Below is generated by plot.py at 2018-02-20 04:39:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 67.48 Mbit/s

95th percentile per-packet one-way delay: 96.552 ms

Loss rate: 0.79%

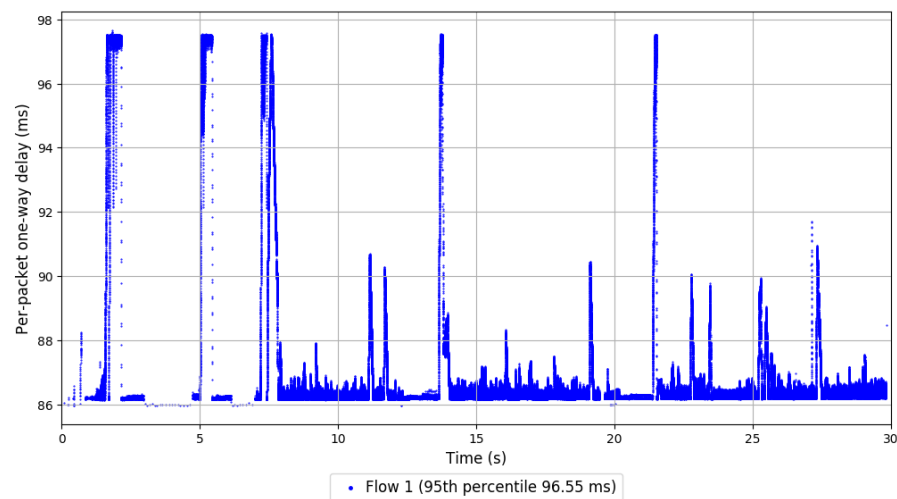
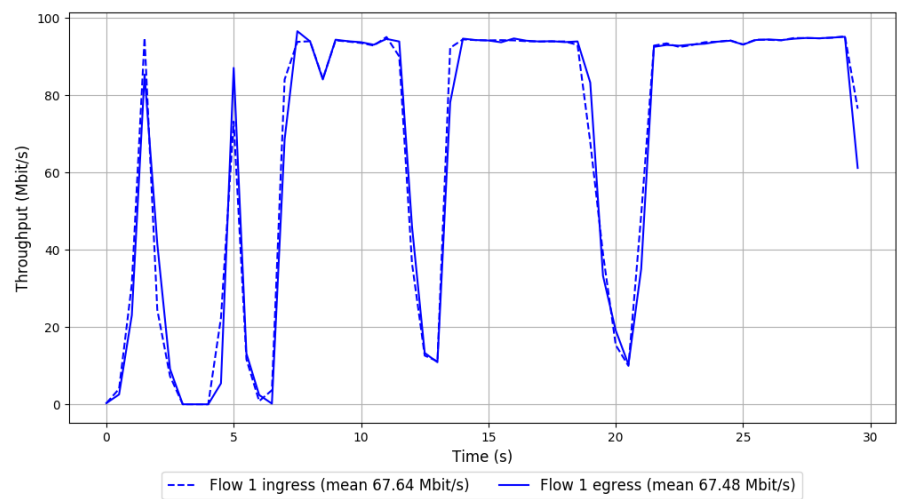
-- Flow 1:

Average throughput: 67.48 Mbit/s

95th percentile per-packet one-way delay: 96.552 ms

Loss rate: 0.79%

Run 8: Report of QUIC Cubic — Data Link

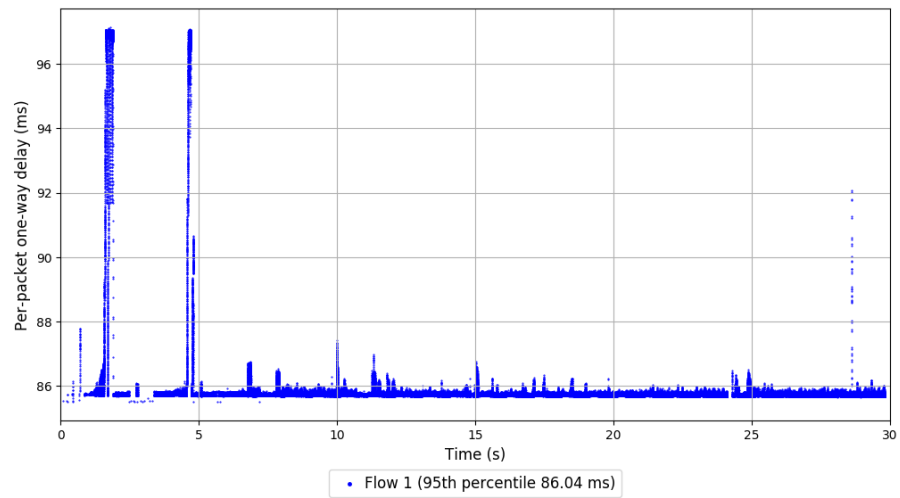
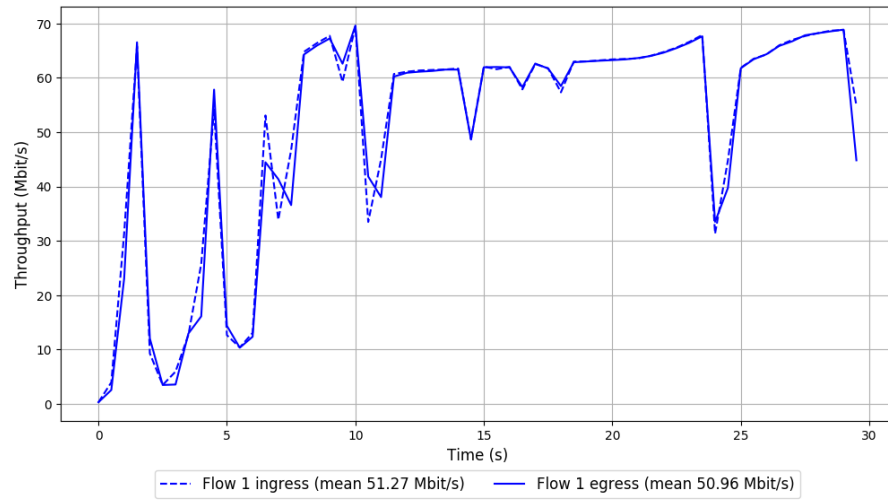


Run 9: Statistics of QUIC Cubic

Start at: 2018-02-20 00:14:29
End at: 2018-02-20 00:14:59
Local clock offset: -6.555 ms
Remote clock offset: -4.538 ms

Below is generated by plot.py at 2018-02-20 04:39:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.96 Mbit/s
95th percentile per-packet one-way delay: 86.036 ms
Loss rate: 1.15%
-- Flow 1:
Average throughput: 50.96 Mbit/s
95th percentile per-packet one-way delay: 86.036 ms
Loss rate: 1.15%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-02-20 00:36:39

End at: 2018-02-20 00:37:09

Local clock offset: -6.471 ms

Remote clock offset: -2.513 ms

Below is generated by plot.py at 2018-02-20 04:39:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 60.74 Mbit/s

95th percentile per-packet one-way delay: 98.136 ms

Loss rate: 0.96%

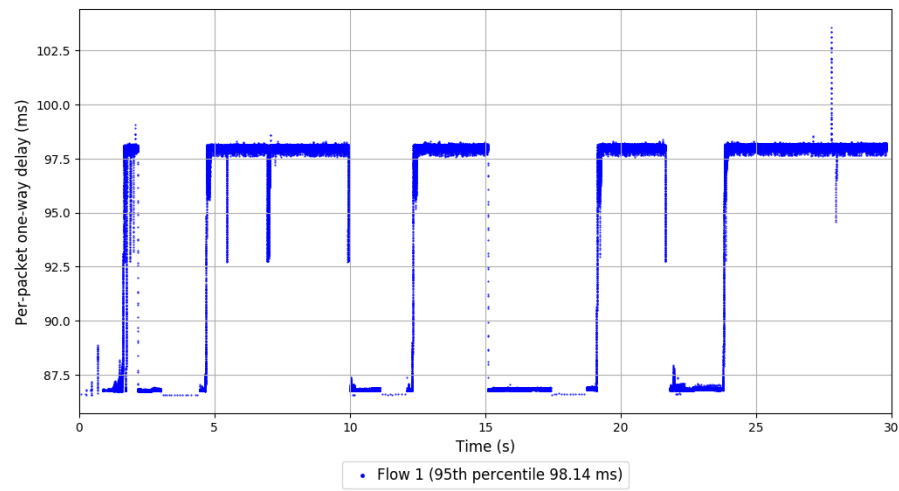
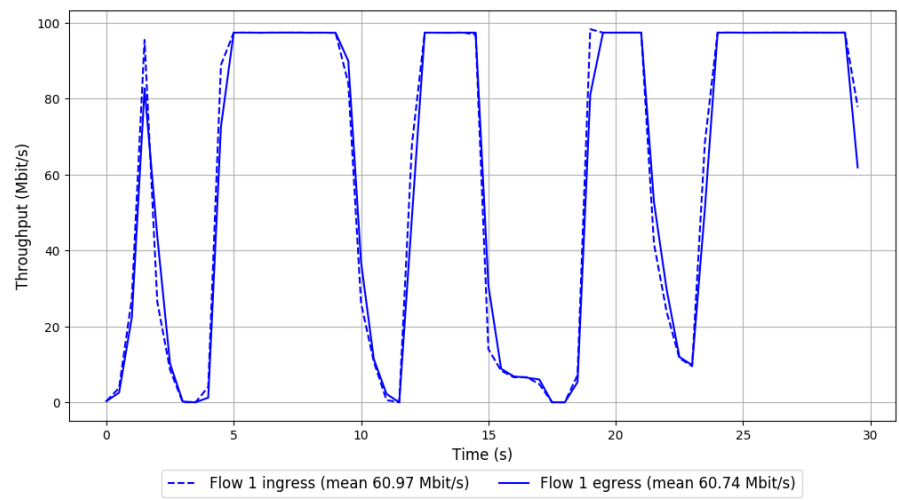
-- Flow 1:

Average throughput: 60.74 Mbit/s

95th percentile per-packet one-way delay: 98.136 ms

Loss rate: 0.96%

Run 10: Report of QUIC Cubic — Data Link

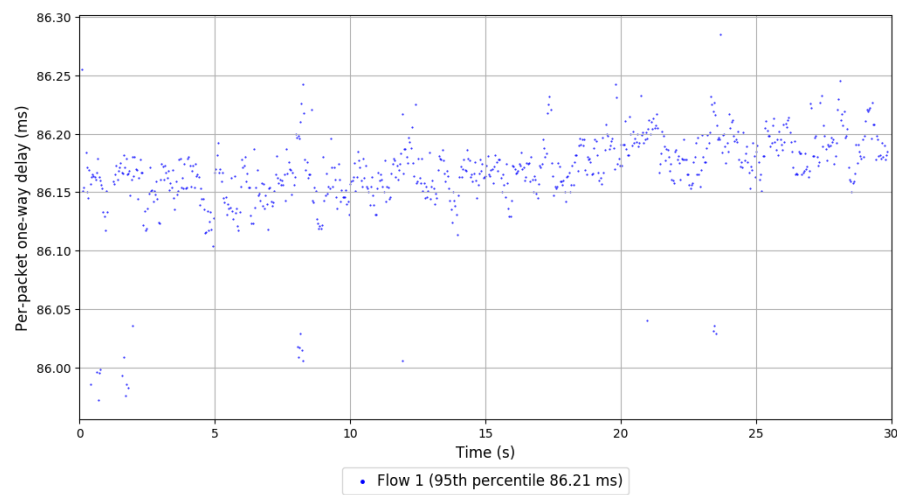
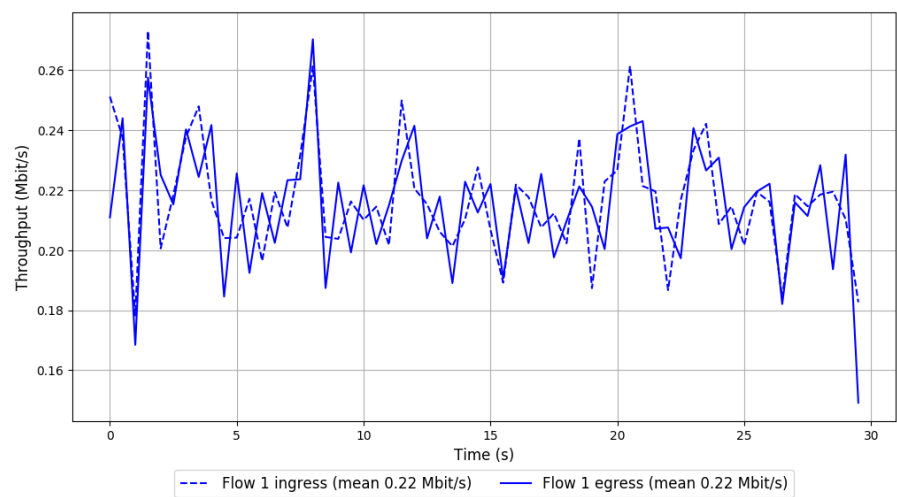


Run 1: Statistics of SCReAM

Start at: 2018-02-19 21:10:44
End at: 2018-02-19 21:11:14
Local clock offset: -7.509 ms
Remote clock offset: -4.255 ms

Below is generated by plot.py at 2018-02-20 04:39:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.213 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.213 ms
Loss rate: 0.51%

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

Start at: 2018-02-19 21:32:46

End at: 2018-02-19 21:33:16

Local clock offset: -5.869 ms

Remote clock offset: 2.999 ms

Below is generated by plot.py at 2018-02-20 04:39:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 79.276 ms

Loss rate: 0.51%

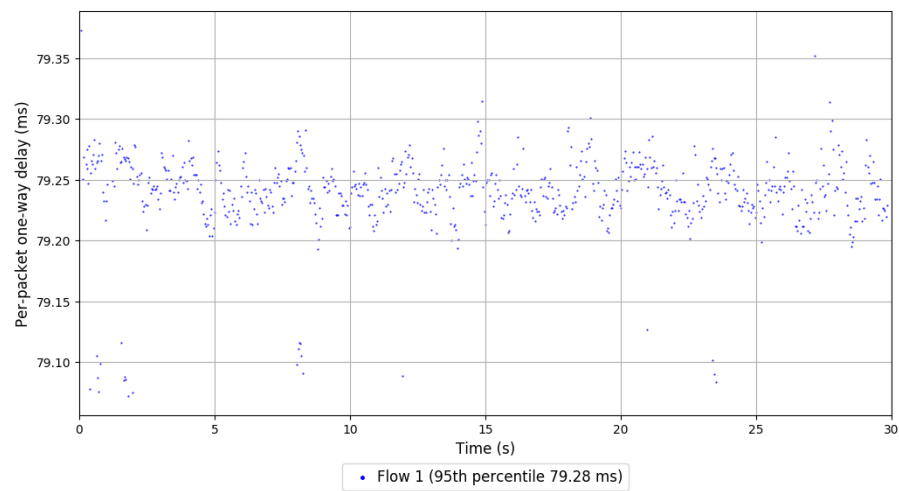
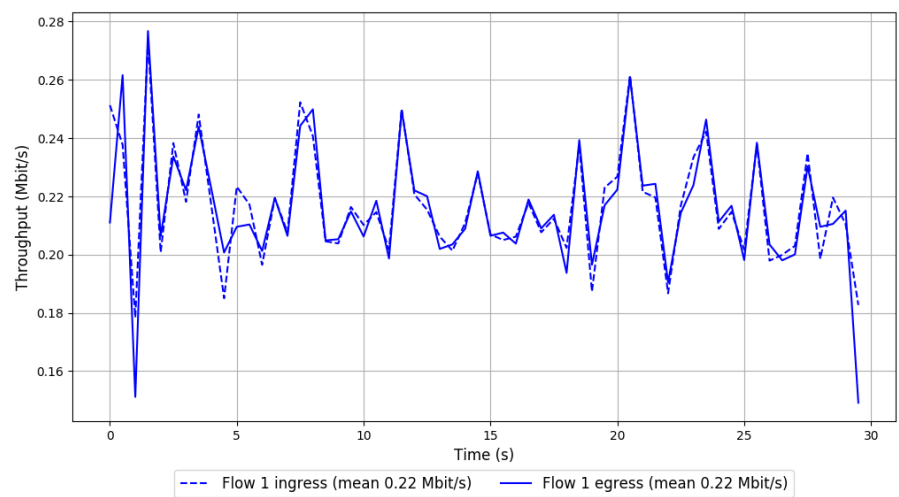
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 79.276 ms

Loss rate: 0.51%

Run 2: Report of SReAM — Data Link

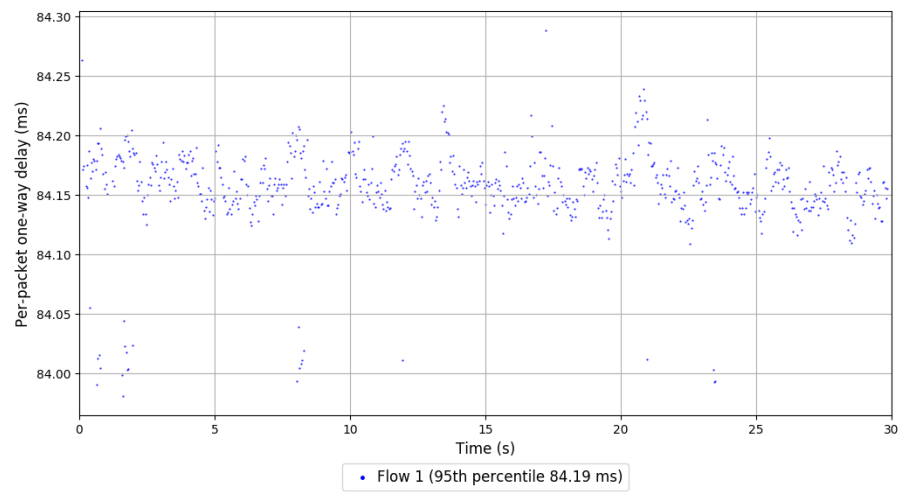
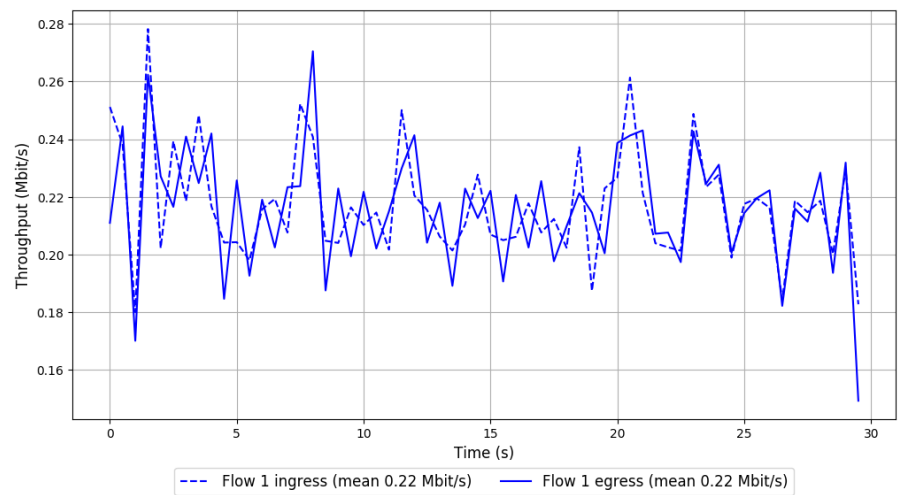


Run 3: Statistics of SCReAM

Start at: 2018-02-19 21:54:47
End at: 2018-02-19 21:55:17
Local clock offset: -5.754 ms
Remote clock offset: -4.309 ms

Below is generated by plot.py at 2018-02-20 04:39:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 84.195 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 84.195 ms
Loss rate: 0.51%

Run 3: Report of SReAM — Data Link



Run 4: Statistics of SCReAM

Start at: 2018-02-19 22:16:49

End at: 2018-02-19 22:17:19

Local clock offset: -5.857 ms

Remote clock offset: 1.263 ms

Below is generated by plot.py at 2018-02-20 04:39:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 78.353 ms

Loss rate: 0.51%

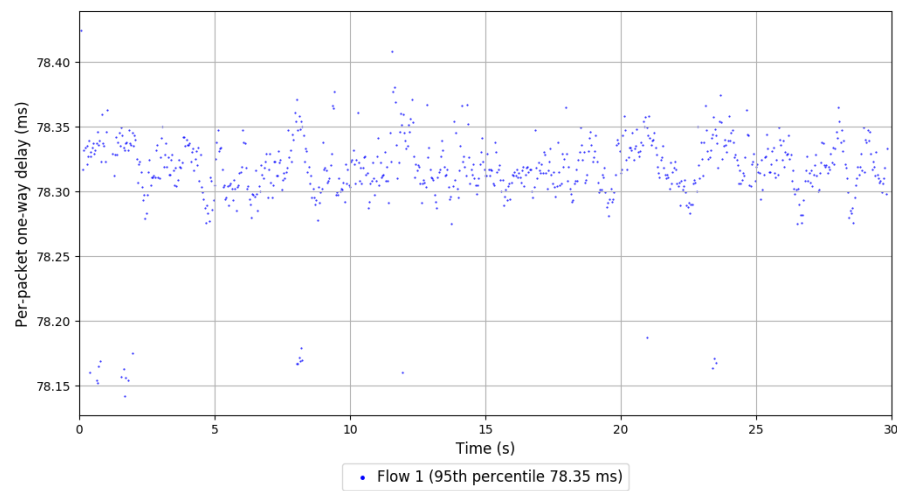
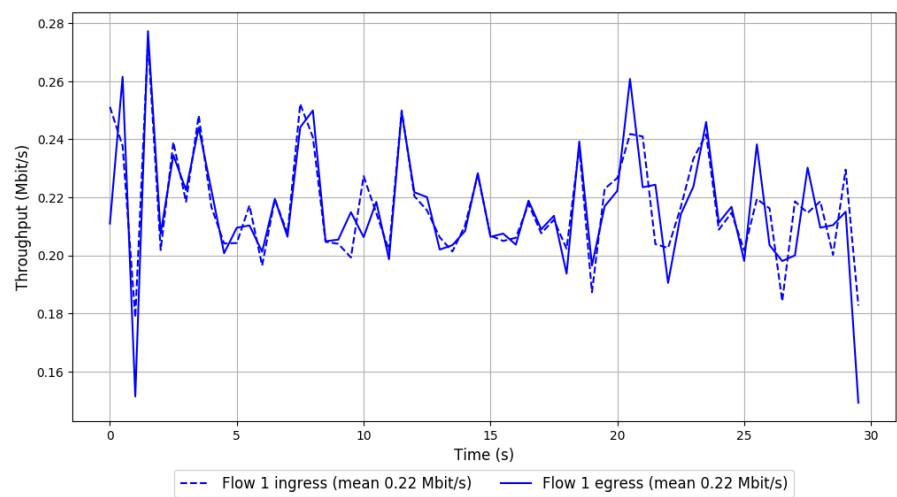
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 78.353 ms

Loss rate: 0.51%

Run 4: Report of SReAM — Data Link

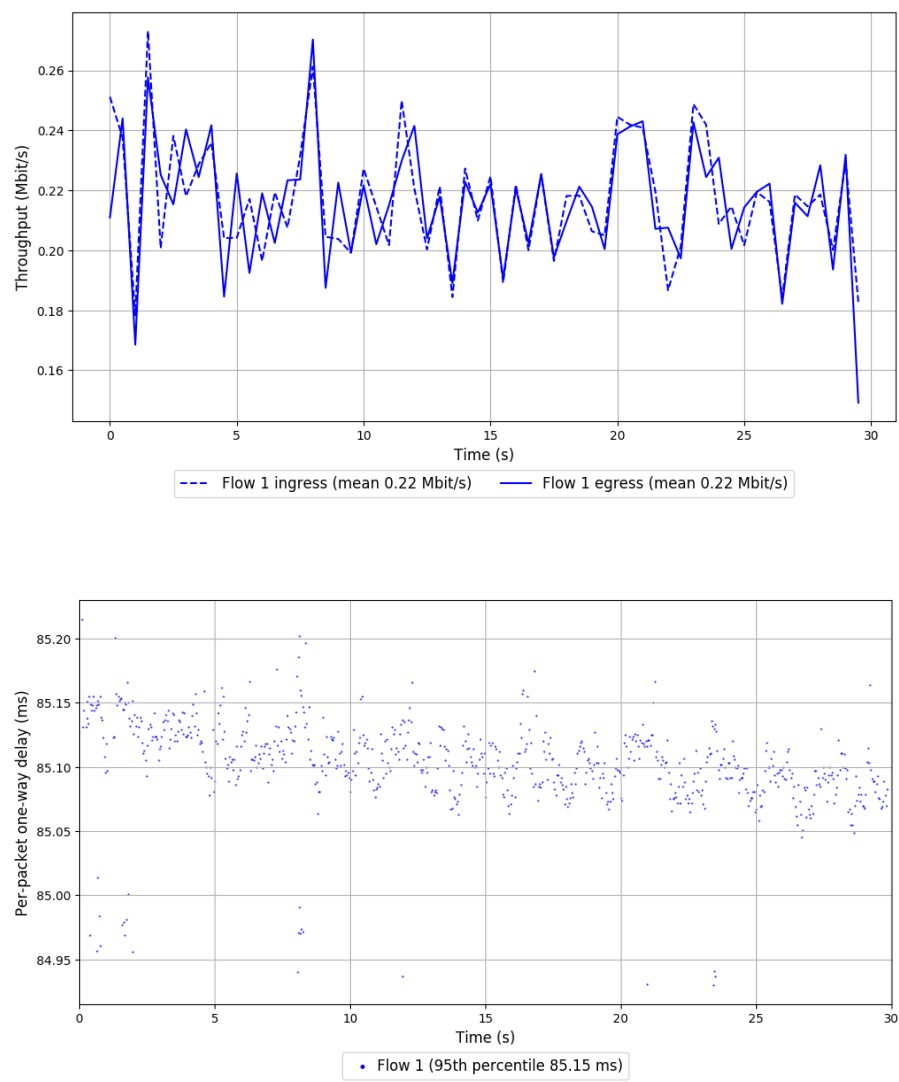


Run 5: Statistics of SCReAM

Start at: 2018-02-19 22:38:53
End at: 2018-02-19 22:39:23
Local clock offset: -3.929 ms
Remote clock offset: -3.493 ms

Below is generated by plot.py at 2018-02-20 04:39:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 85.149 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 85.149 ms
Loss rate: 0.51%

Run 5: Report of SReAM — Data Link

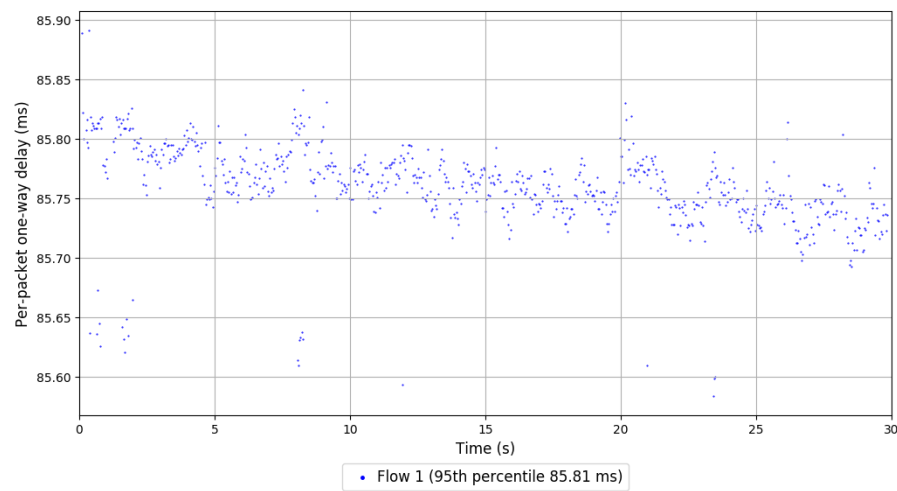
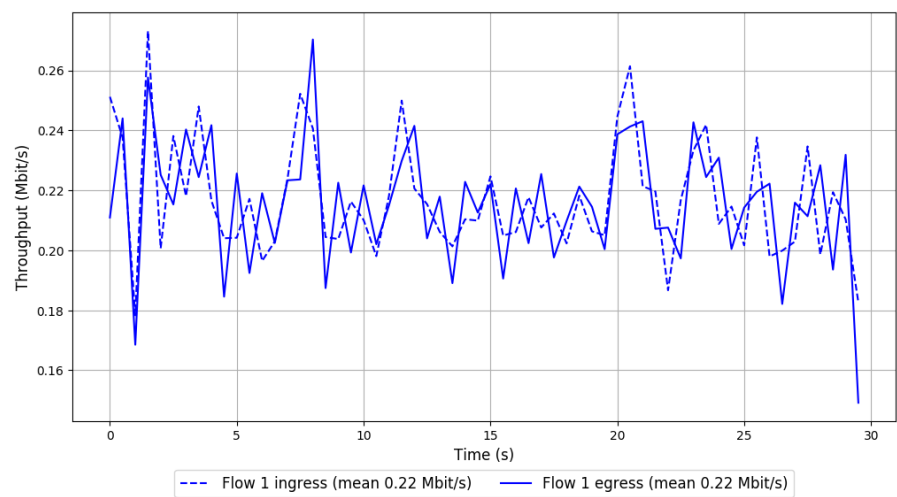


Run 6: Statistics of SCReAM

Start at: 2018-02-19 23:01:01
End at: 2018-02-19 23:01:31
Local clock offset: -2.883 ms
Remote clock offset: -4.197 ms

Below is generated by plot.py at 2018-02-20 04:39:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 85.809 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 85.809 ms
Loss rate: 0.51%

Run 6: Report of SReAM — Data Link



Run 7: Statistics of SCReAM

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

End at: 2018-02-19 23:23:34

Local clock offset: -1.573 ms

Remote clock offset: 1.371 ms

Below is generated by plot.py at 2018-02-20 04:39:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 80.082 ms

Loss rate: 0.51%

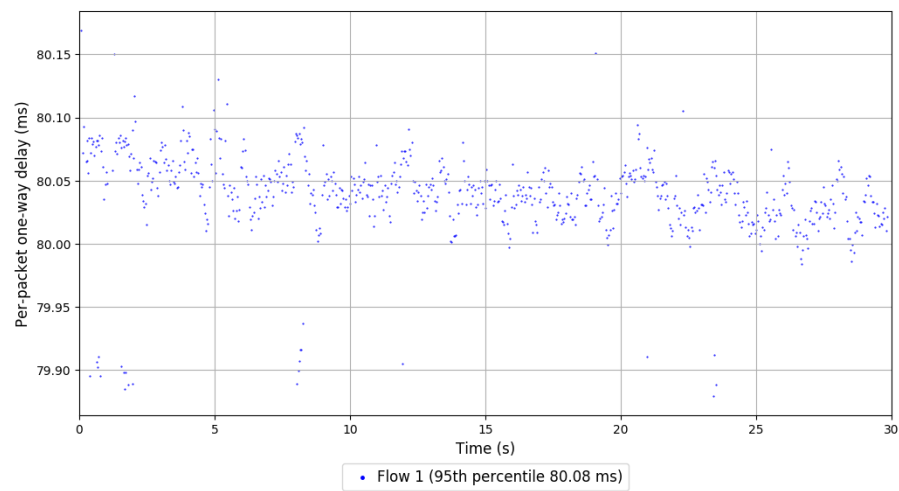
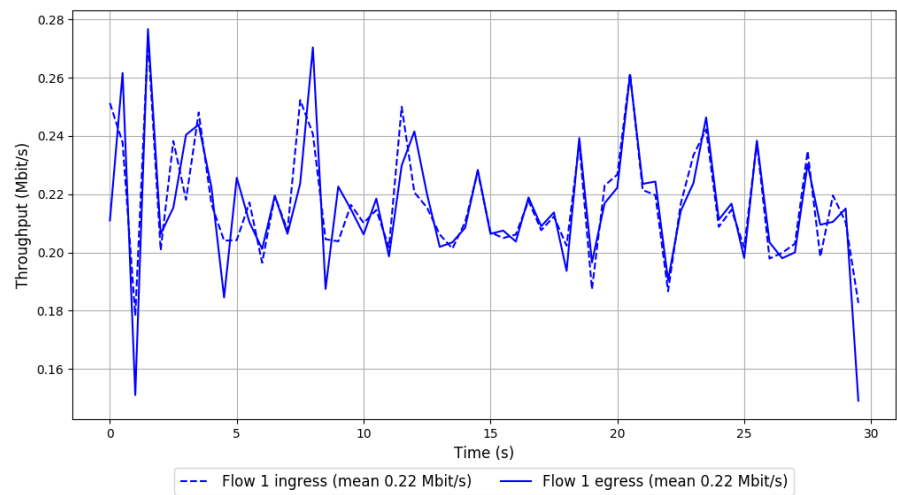
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 80.082 ms

Loss rate: 0.51%

Run 7: Report of SReAM — Data Link



Run 8: Statistics of SCReAM

Start at: 2018-02-19 23:45:06

End at: 2018-02-19 23:45:36

Local clock offset: -4.834 ms

Remote clock offset: 0.4 ms

Below is generated by plot.py at 2018-02-20 04:39:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 81.278 ms

Loss rate: 0.51%

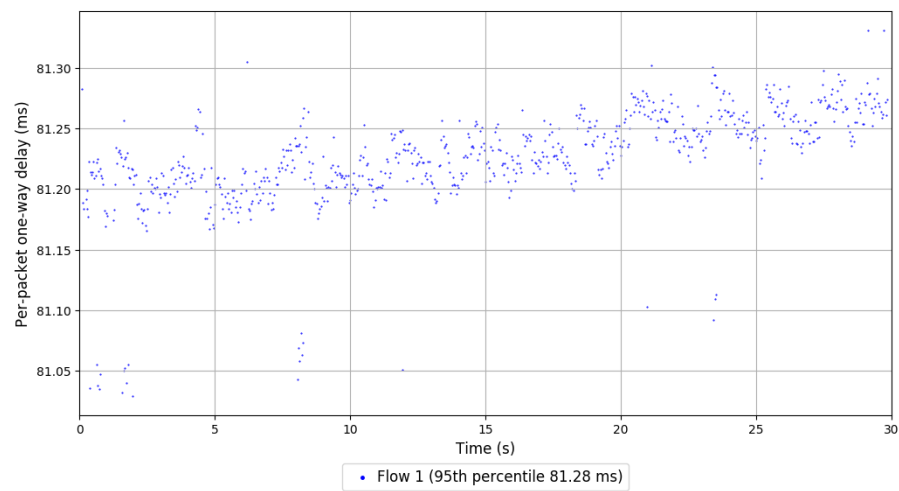
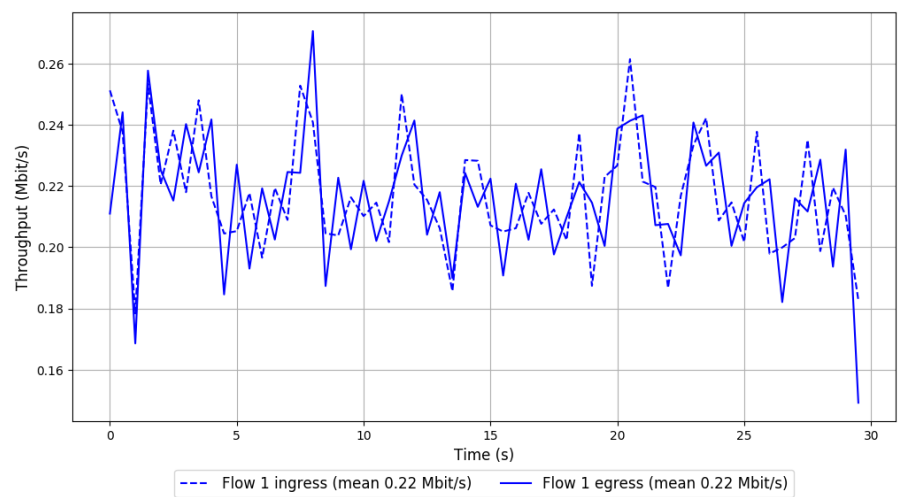
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 81.278 ms

Loss rate: 0.51%

Run 8: Report of SReAM — Data Link

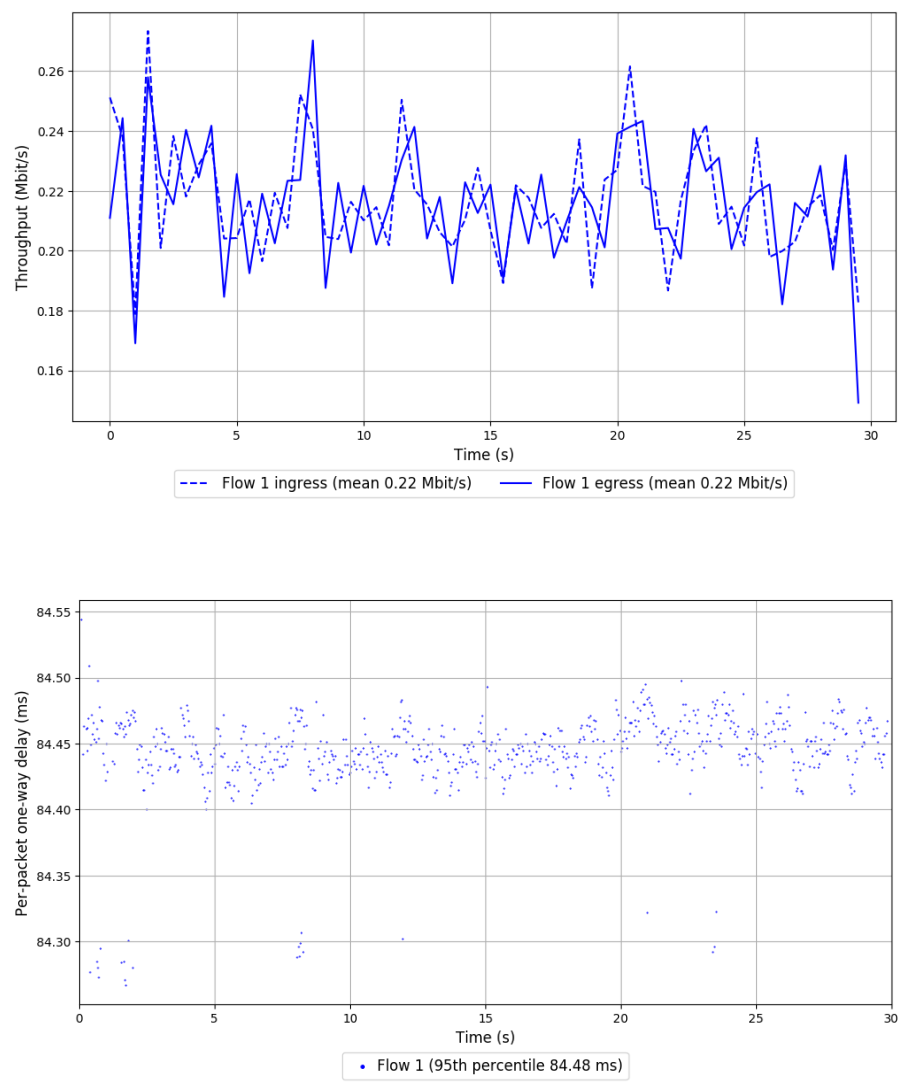


Run 9: Statistics of SCReAM

Start at: 2018-02-20 00:07:09
End at: 2018-02-20 00:07:39
Local clock offset: -6.872 ms
Remote clock offset: -4.519 ms

Below is generated by plot.py at 2018-02-20 04:39:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 84.477 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 84.477 ms
Loss rate: 0.51%

Run 9: Report of SReAM — Data Link

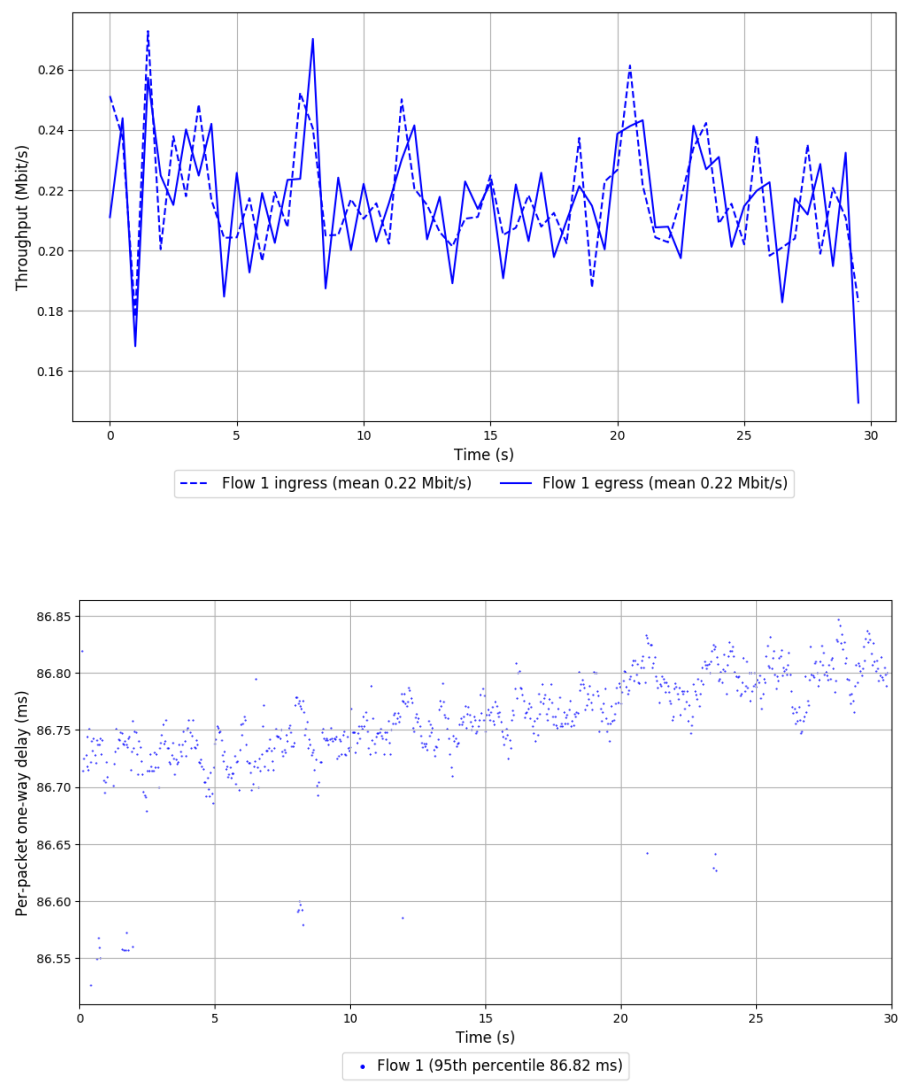


Run 10: Statistics of SReAM

Start at: 2018-02-20 00:29:22
End at: 2018-02-20 00:29:52
Local clock offset: -6.408 ms
Remote clock offset: -3.585 ms

Below is generated by plot.py at 2018-02-20 04:39:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.816 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.816 ms
Loss rate: 0.51%

Run 10: Report of SReAM — Data Link

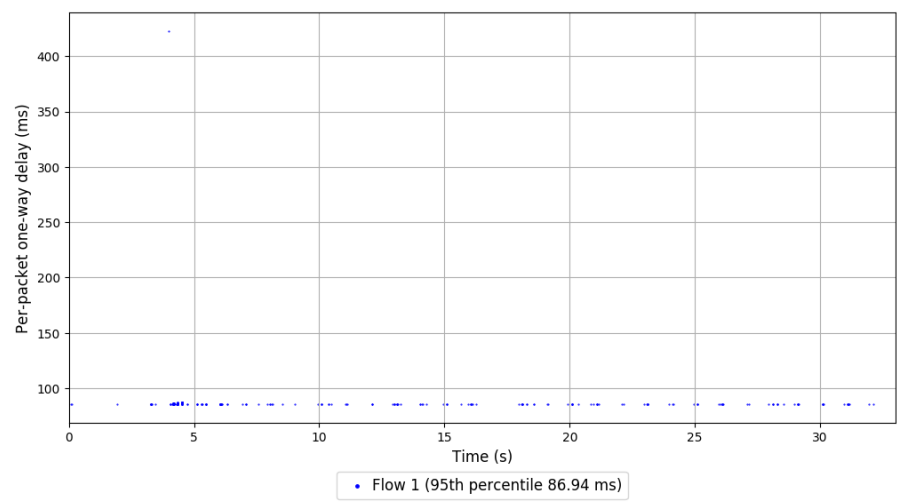
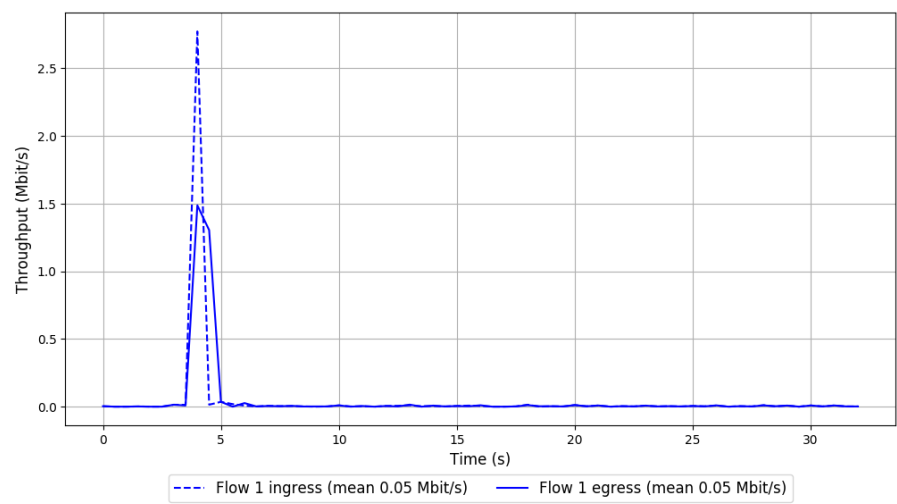


```
Run 1: Statistics of WebRTC media

Start at: 2018-02-19 21:20:26
End at: 2018-02-19 21:20:56
Local clock offset: -6.968 ms
Remote clock offset: -3.835 ms

# Below is generated by plot.py at 2018-02-20 04:39:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 86.940 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 86.940 ms
Loss rate: 0.00%
```


Run 1: Report of WebRTC media — Data Link

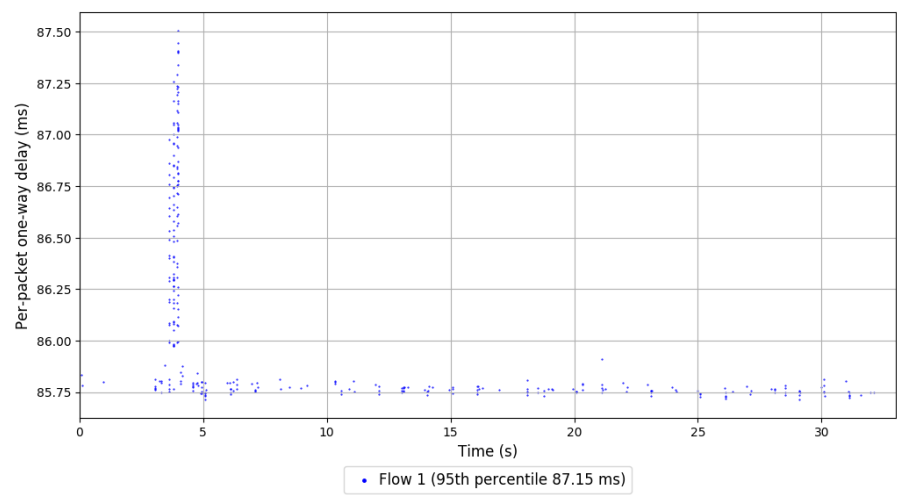
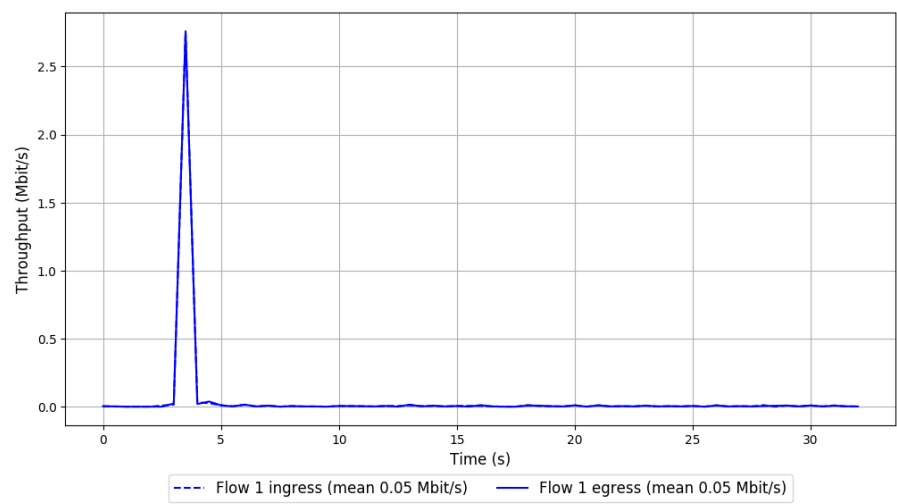


Run 2: Statistics of WebRTC media

Start at: 2018-02-19 21:42:28
End at: 2018-02-19 21:42:58
Local clock offset: -5.783 ms
Remote clock offset: -3.807 ms

Below is generated by plot.py at 2018-02-20 04:39:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 87.150 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 87.150 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

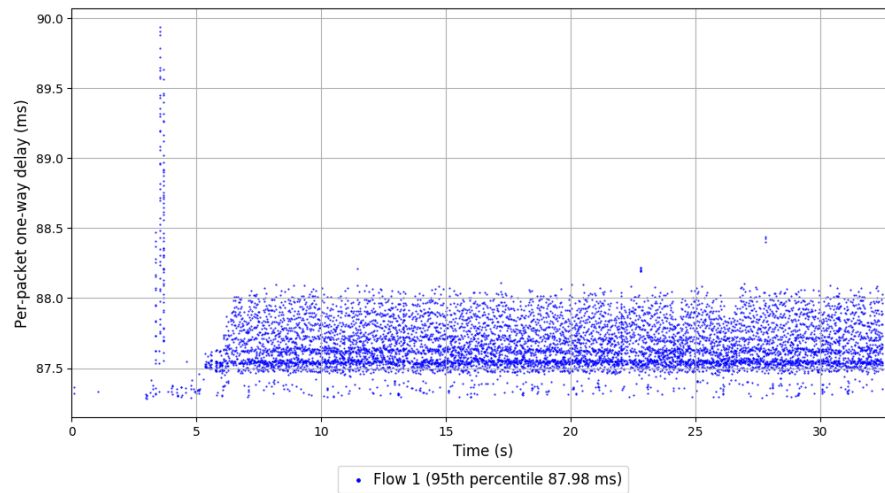
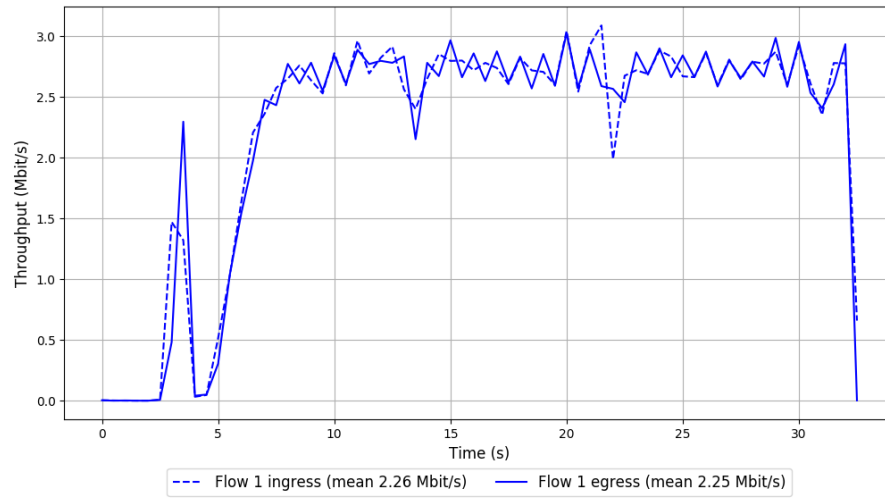


Run 3: Statistics of WebRTC media

Start at: 2018-02-19 22:04:29
End at: 2018-02-19 22:04:59
Local clock offset: -5.793 ms
Remote clock offset: -4.386 ms

Below is generated by plot.py at 2018-02-20 04:39:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 87.980 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 87.980 ms
Loss rate: 0.75%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: 2018-02-19 22:26:31

End at: 2018-02-19 22:27:01

Local clock offset: -5.923 ms

Remote clock offset: 2.137 ms

Below is generated by plot.py at 2018-02-20 04:39:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 81.882 ms

Loss rate: 0.00%

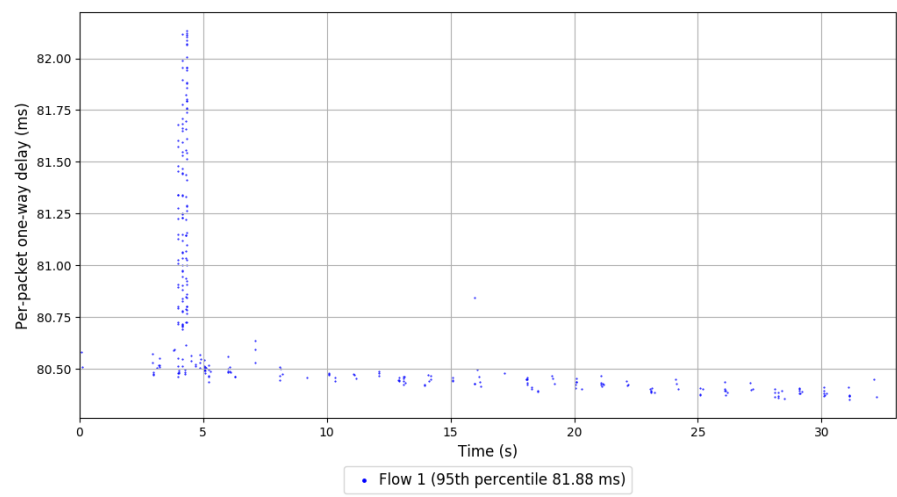
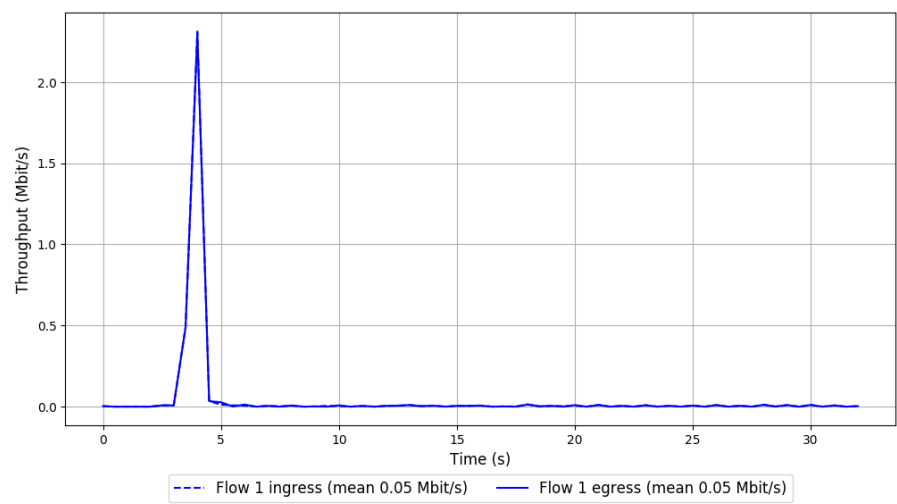
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 81.882 ms

Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link

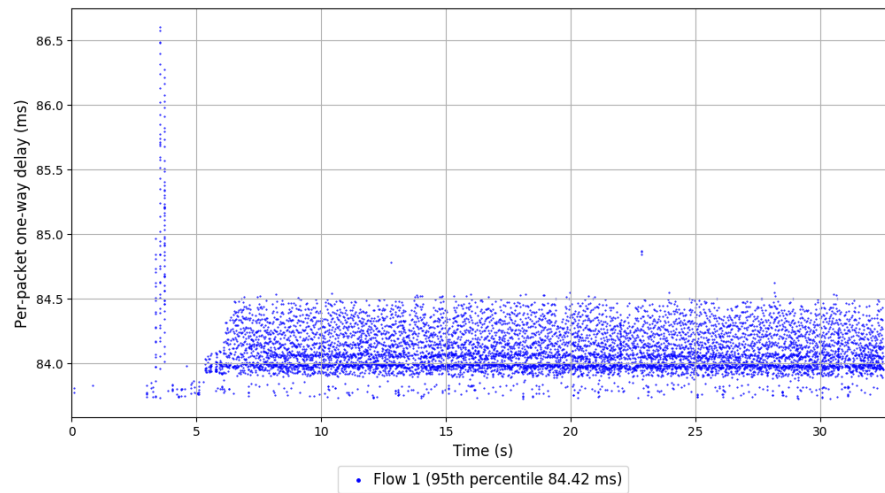
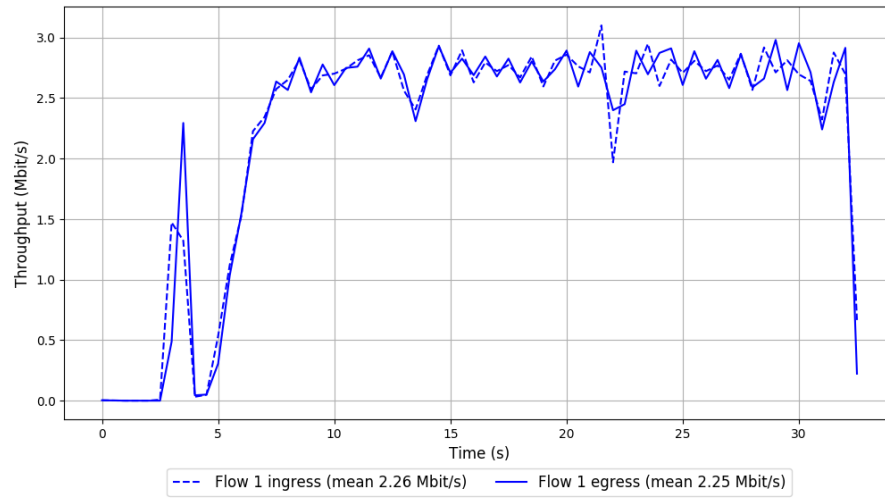


Run 5: Statistics of WebRTC media

Start at: 2018-02-19 22:48:37
End at: 2018-02-19 22:49:07
Local clock offset: -3.331 ms
Remote clock offset: -4.262 ms

Below is generated by plot.py at 2018-02-20 04:39:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 84.422 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 84.422 ms
Loss rate: 0.61%

Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: 2018-02-19 23:10:43

End at: 2018-02-19 23:11:13

Local clock offset: -2.187 ms

Remote clock offset: 1.459 ms

Below is generated by plot.py at 2018-02-20 04:39:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 79.711 ms

Loss rate: 0.00%

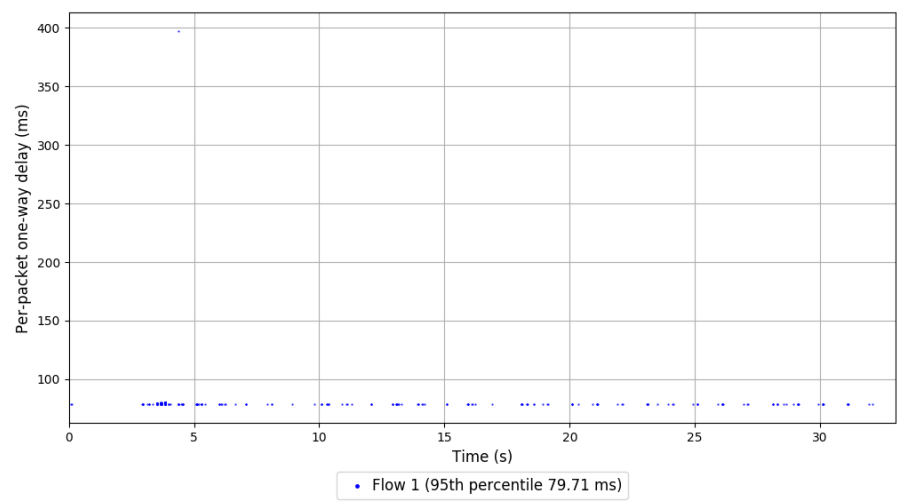
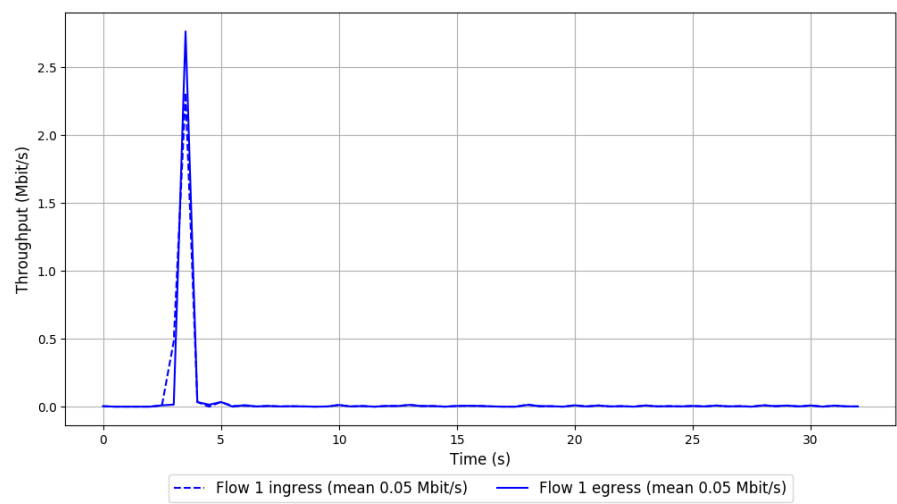
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 79.711 ms

Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: 2018-02-19 23:32:45

End at: 2018-02-19 23:33:15

Local clock offset: -1.292 ms

Remote clock offset: 0.471 ms

Below is generated by plot.py at 2018-02-20 04:39:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.25 Mbit/s

95th percentile per-packet one-way delay: 79.650 ms

Loss rate: 0.61%

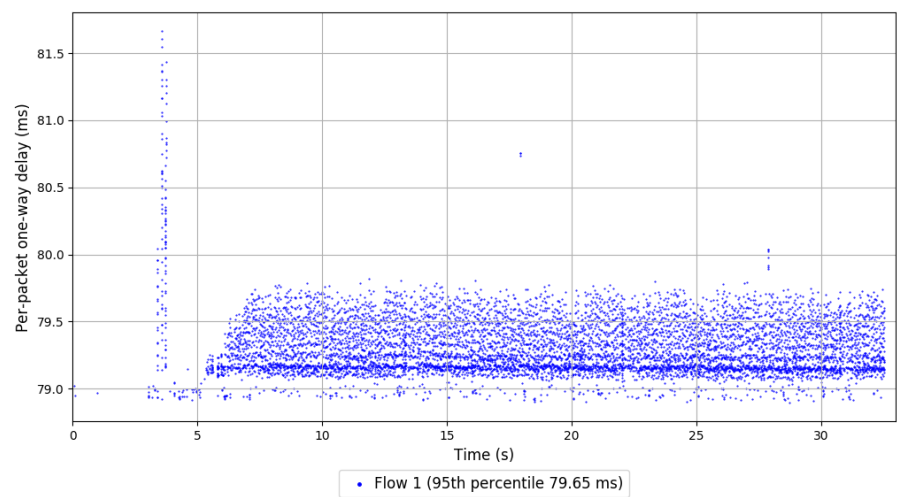
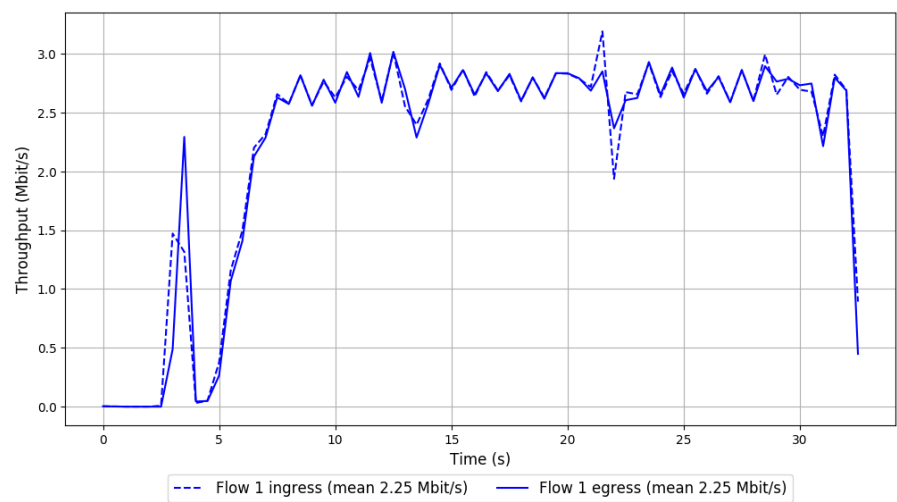
-- Flow 1:

Average throughput: 2.25 Mbit/s

95th percentile per-packet one-way delay: 79.650 ms

Loss rate: 0.61%

Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

Start at: 2018-02-19 23:54:47

End at: 2018-02-19 23:55:17

Local clock offset: -6.1 ms

Remote clock offset: -4.4 ms

Below is generated by plot.py at 2018-02-20 04:39:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.25 Mbit/s

95th percentile per-packet one-way delay: 84.565 ms

Loss rate: 0.63%

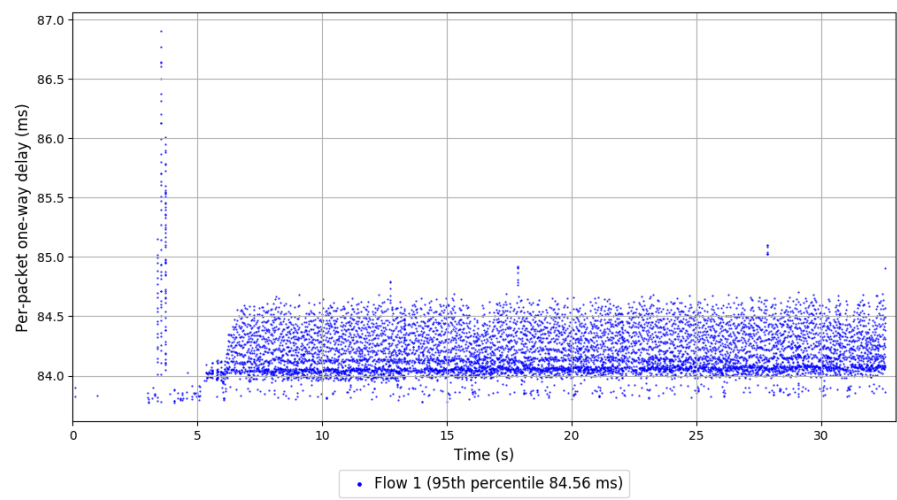
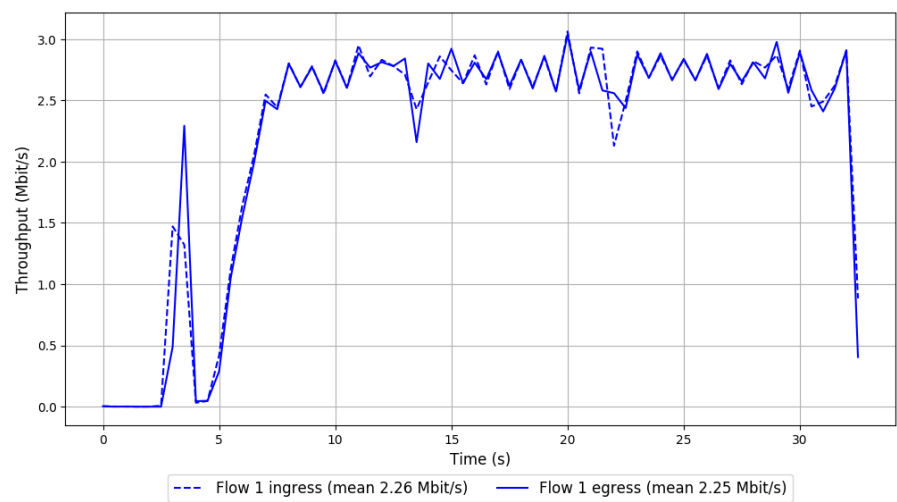
-- Flow 1:

Average throughput: 2.25 Mbit/s

95th percentile per-packet one-way delay: 84.565 ms

Loss rate: 0.63%

Run 8: Report of WebRTC media — Data Link

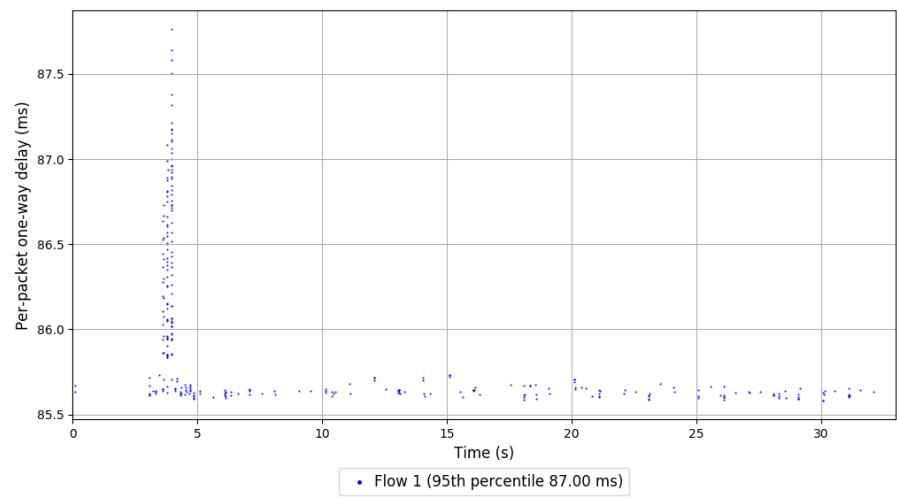
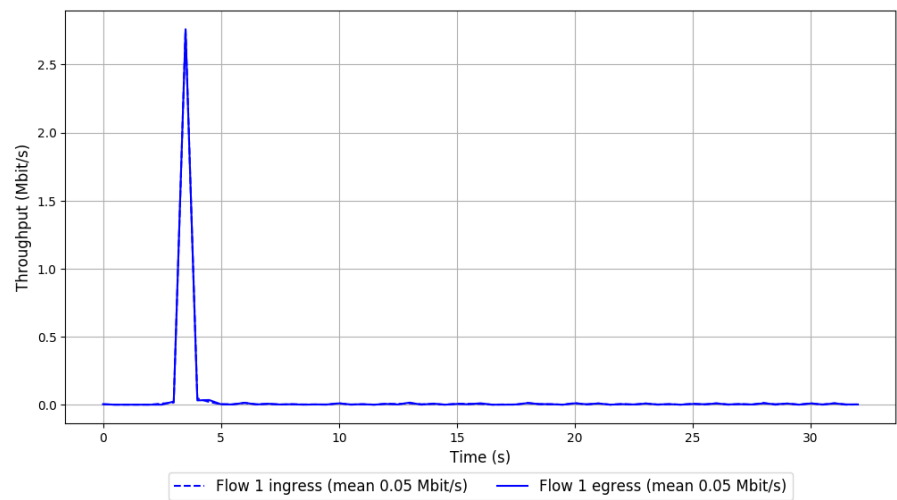


Run 9: Statistics of WebRTC media

Start at: 2018-02-20 00:16:51
End at: 2018-02-20 00:17:21
Local clock offset: -6.485 ms
Remote clock offset: -4.474 ms

Below is generated by plot.py at 2018-02-20 04:39:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 86.999 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 86.999 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-02-20 00:39:02

End at: 2018-02-20 00:39:32

Local clock offset: -6.485 ms

Remote clock offset: 2.57 ms

Below is generated by plot.py at 2018-02-20 04:39:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.25 Mbit/s

95th percentile per-packet one-way delay: 82.009 ms

Loss rate: 0.77%

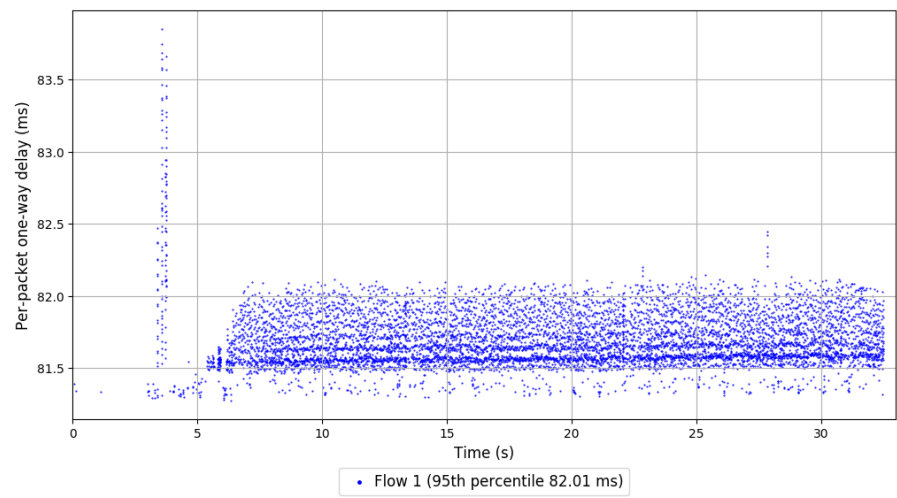
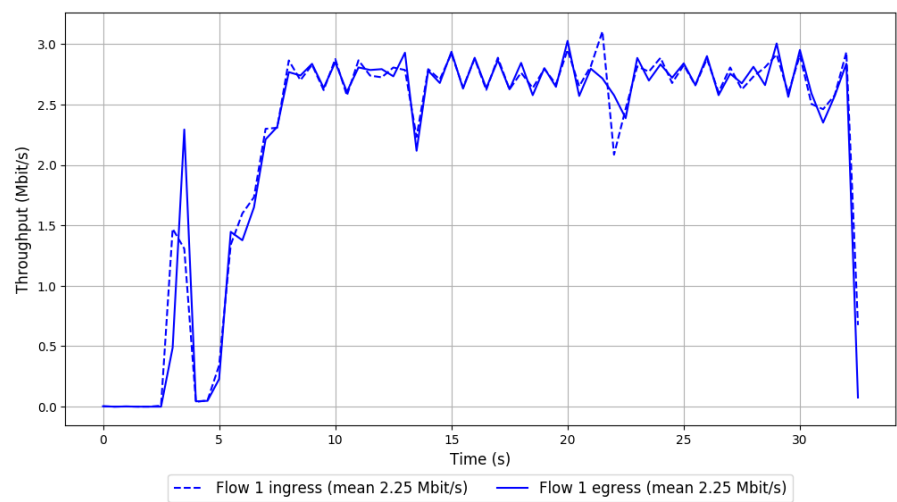
-- Flow 1:

Average throughput: 2.25 Mbit/s

95th percentile per-packet one-way delay: 82.009 ms

Loss rate: 0.77%

Run 10: Report of WebRTC media — Data Link

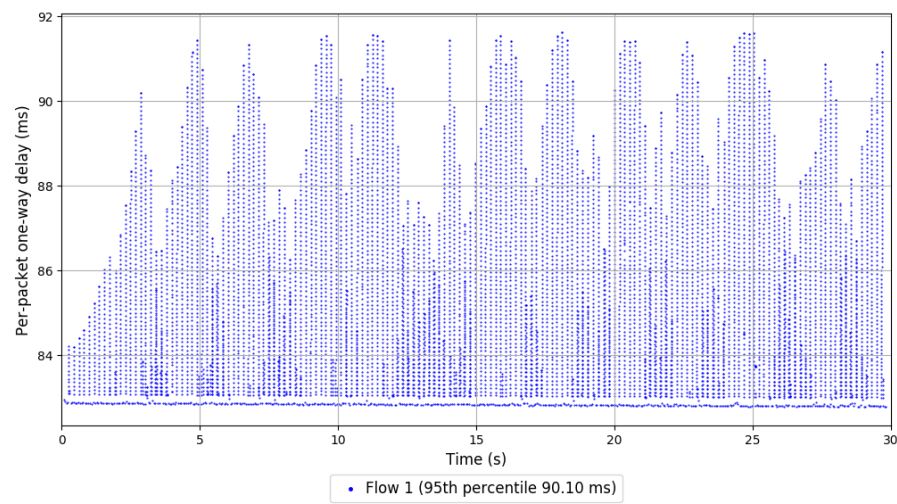
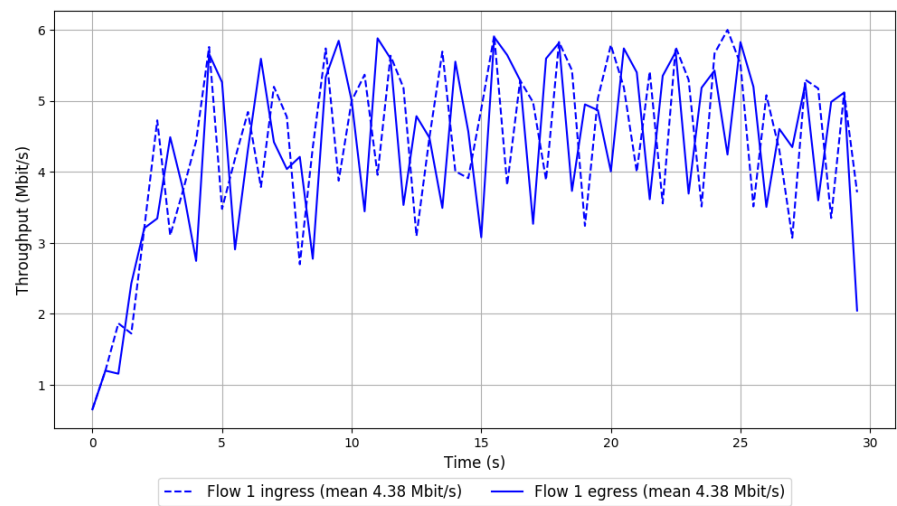


Run 1: Statistics of Sprout

Start at: 2018-02-19 21:19:16
End at: 2018-02-19 21:19:46
Local clock offset: -7.153 ms
Remote clock offset: -3.003 ms

Below is generated by plot.py at 2018-02-20 04:39:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.38 Mbit/s
95th percentile per-packet one-way delay: 90.100 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 4.38 Mbit/s
95th percentile per-packet one-way delay: 90.100 ms
Loss rate: 0.64%

Run 1: Report of Sprout — Data Link

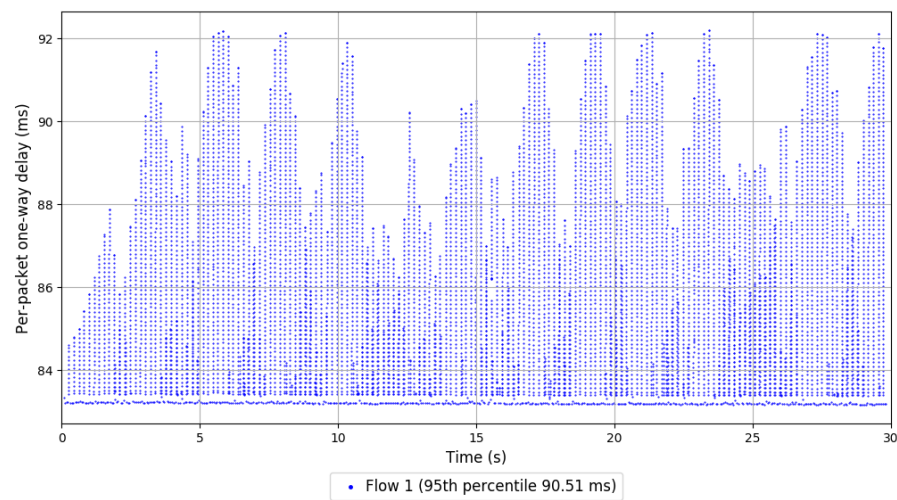
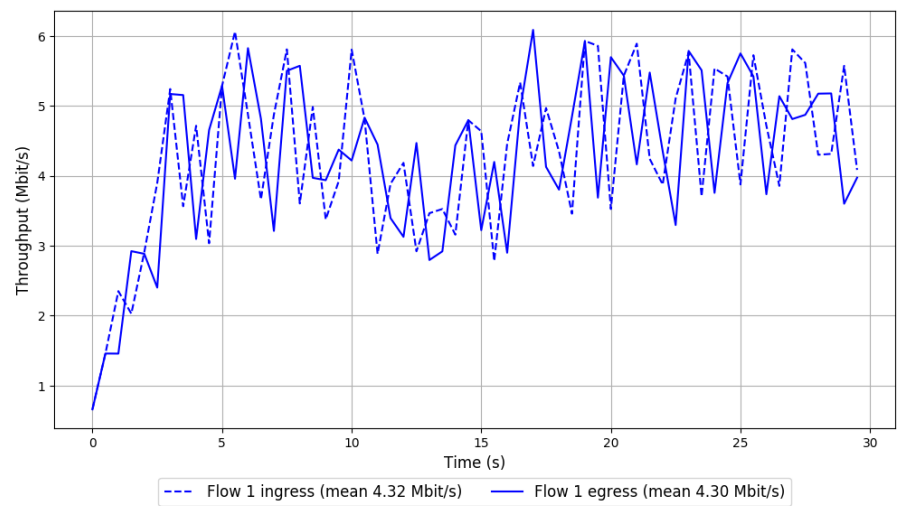


Run 2: Statistics of Sprout

Start at: 2018-02-19 21:41:18
End at: 2018-02-19 21:41:48
Local clock offset: -5.716 ms
Remote clock offset: -2.905 ms

Below is generated by plot.py at 2018-02-20 04:39:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.30 Mbit/s
95th percentile per-packet one-way delay: 90.513 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 4.30 Mbit/s
95th percentile per-packet one-way delay: 90.513 ms
Loss rate: 0.81%

Run 2: Report of Sprout — Data Link

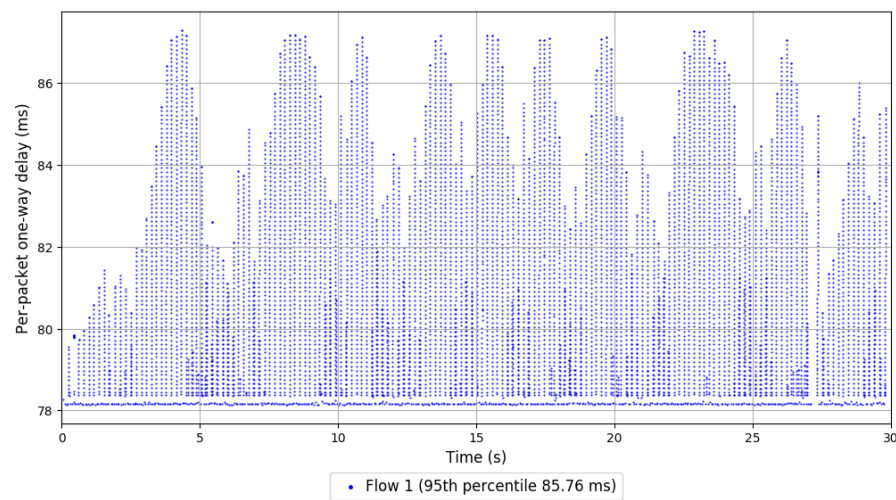
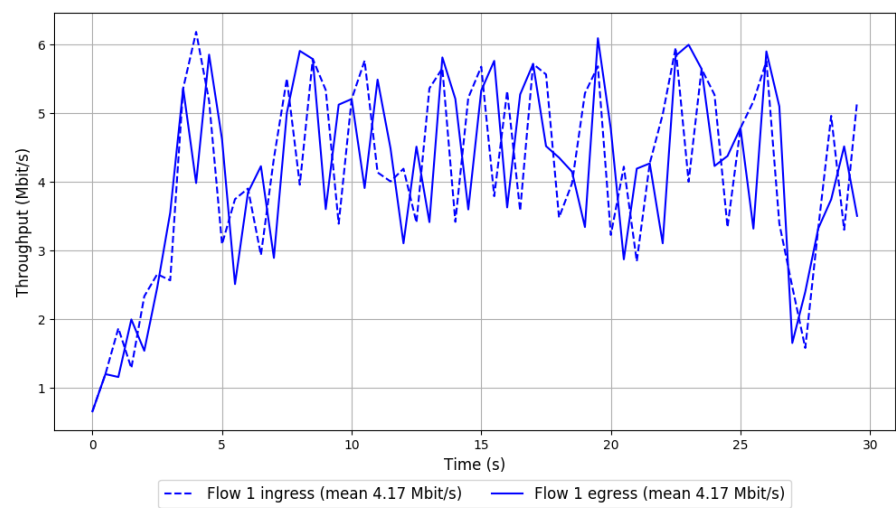


Run 3: Statistics of Sprout

Start at: 2018-02-19 22:03:19
End at: 2018-02-19 22:03:49
Local clock offset: -5.776 ms
Remote clock offset: 1.258 ms

Below is generated by plot.py at 2018-02-20 04:39:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.17 Mbit/s
95th percentile per-packet one-way delay: 85.762 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 4.17 Mbit/s
95th percentile per-packet one-way delay: 85.762 ms
Loss rate: 0.67%

Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

Start at: 2018-02-19 22:25:21

End at: 2018-02-19 22:25:51

Local clock offset: -6.015 ms

Remote clock offset: 1.281 ms

Below is generated by plot.py at 2018-02-20 04:39:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 3.78 Mbit/s

95th percentile per-packet one-way delay: 87.704 ms

Loss rate: 0.80%

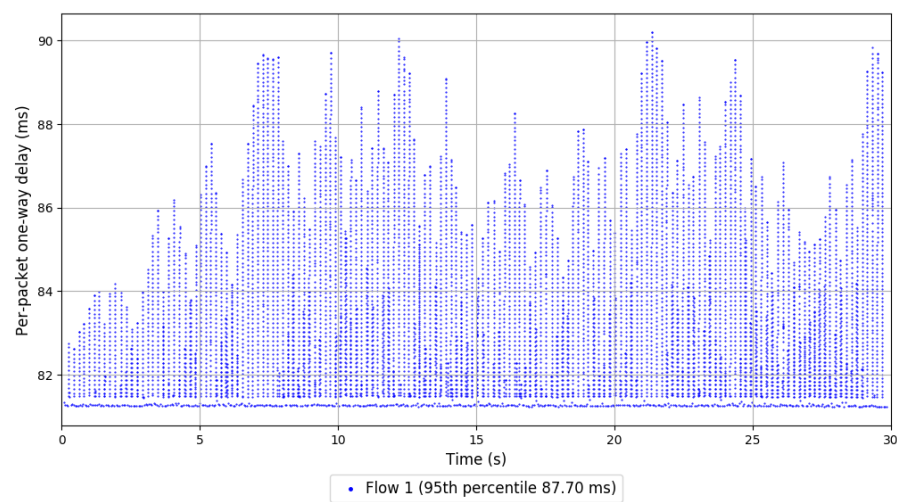
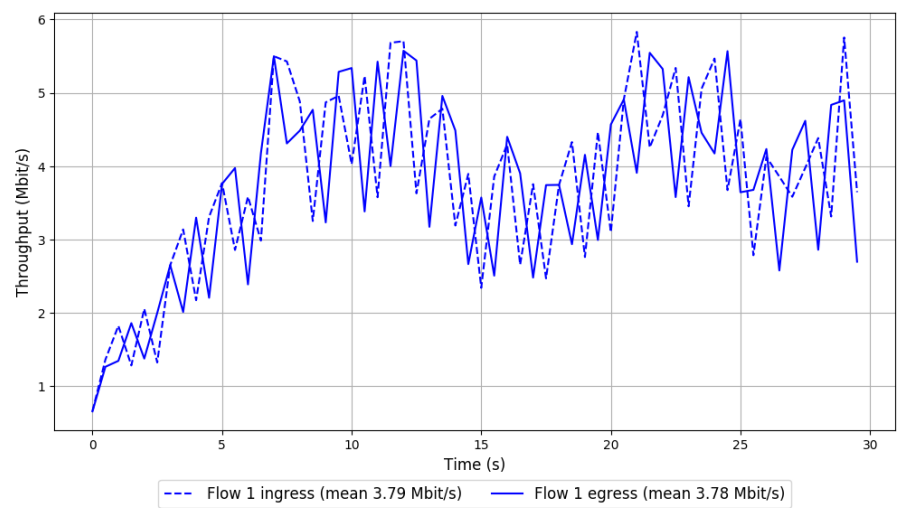
-- Flow 1:

Average throughput: 3.78 Mbit/s

95th percentile per-packet one-way delay: 87.704 ms

Loss rate: 0.80%

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: 2018-02-19 22:47:27

End at: 2018-02-19 22:47:57

Local clock offset: -3.395 ms

Remote clock offset: 1.312 ms

Below is generated by plot.py at 2018-02-20 04:39:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.09 Mbit/s

95th percentile per-packet one-way delay: 86.956 ms

Loss rate: 0.37%

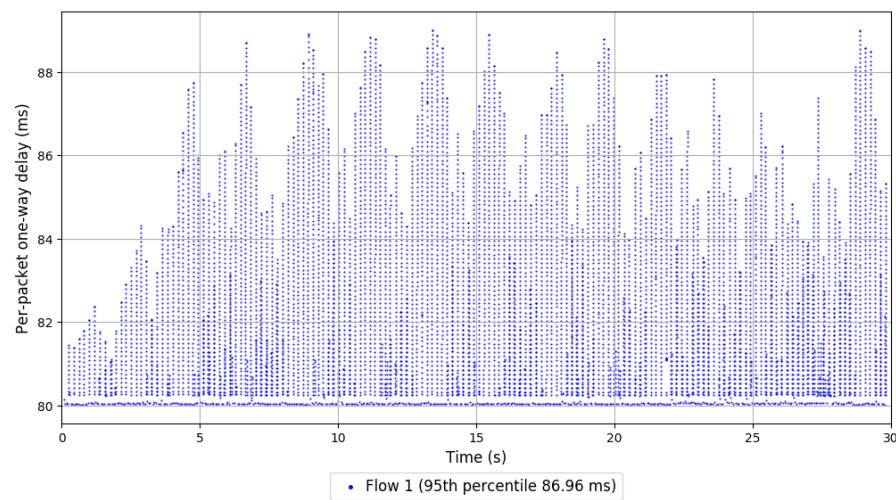
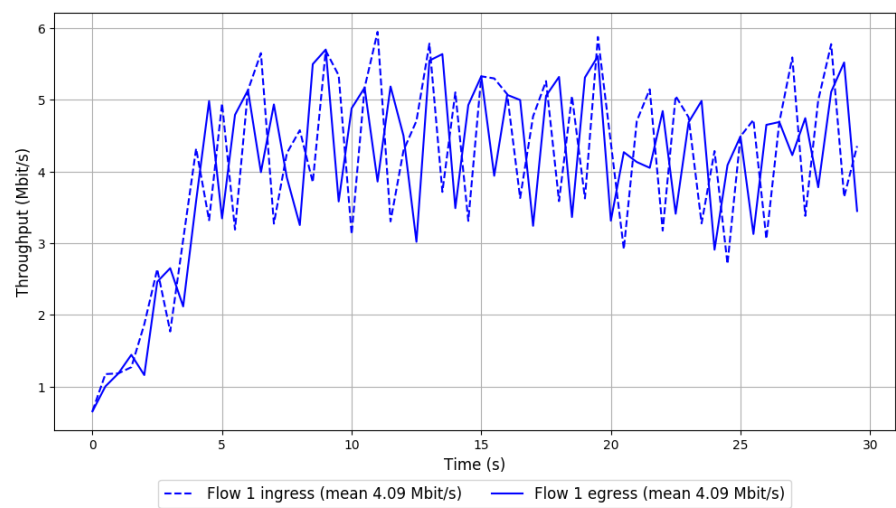
-- Flow 1:

Average throughput: 4.09 Mbit/s

95th percentile per-packet one-way delay: 86.956 ms

Loss rate: 0.37%

Run 5: Report of Sprout — Data Link

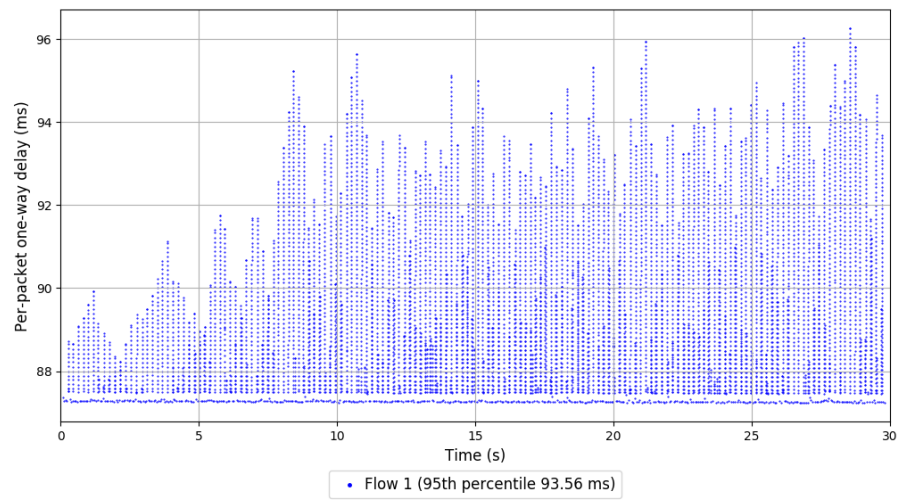
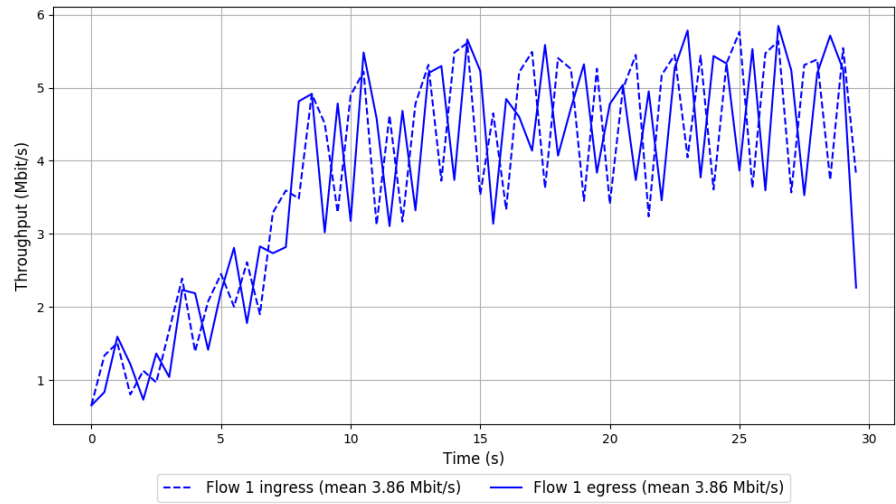


Run 6: Statistics of Sprout

Start at: 2018-02-19 23:09:33
End at: 2018-02-19 23:10:03
Local clock offset: -2.243 ms
Remote clock offset: -4.155 ms

Below is generated by plot.py at 2018-02-20 04:39:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 3.86 Mbit/s
95th percentile per-packet one-way delay: 93.563 ms
Loss rate: 0.80%
-- Flow 1:
Average throughput: 3.86 Mbit/s
95th percentile per-packet one-way delay: 93.563 ms
Loss rate: 0.80%

Run 6: Report of Sprout — Data Link

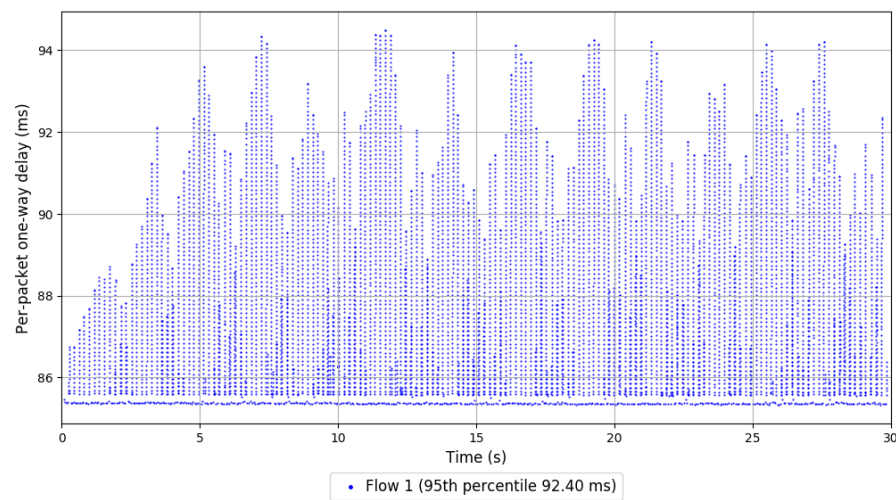
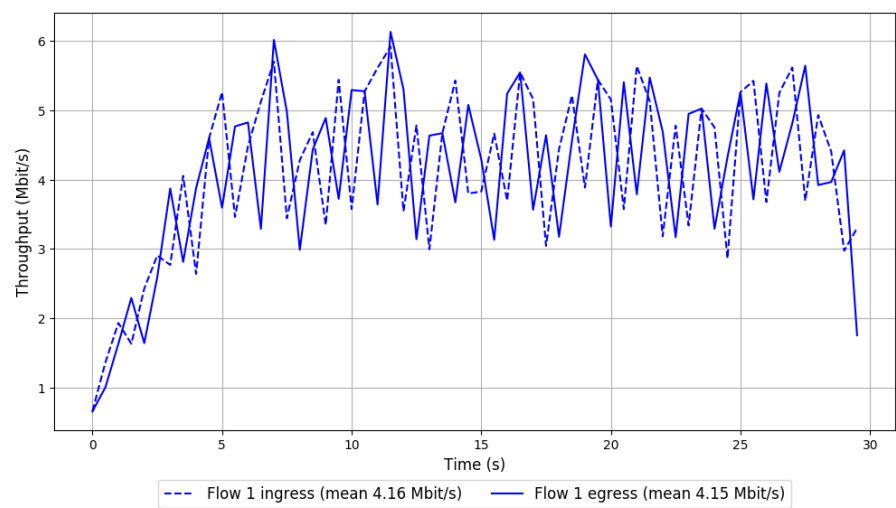


Run 7: Statistics of Sprout

Start at: 2018-02-19 23:31:35
End at: 2018-02-19 23:32:05
Local clock offset: -1.349 ms
Remote clock offset: -4.294 ms

Below is generated by plot.py at 2018-02-20 04:39:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.15 Mbit/s
95th percentile per-packet one-way delay: 92.401 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 4.15 Mbit/s
95th percentile per-packet one-way delay: 92.401 ms
Loss rate: 0.62%

Run 7: Report of Sprout — Data Link

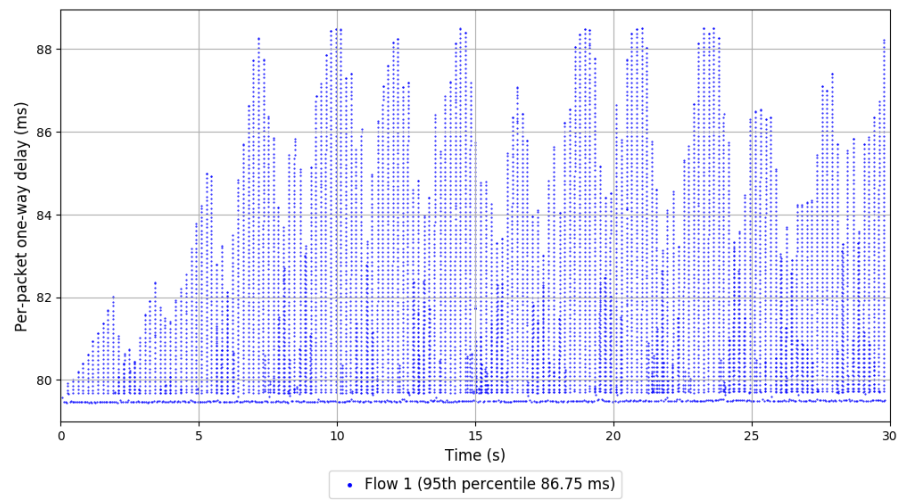
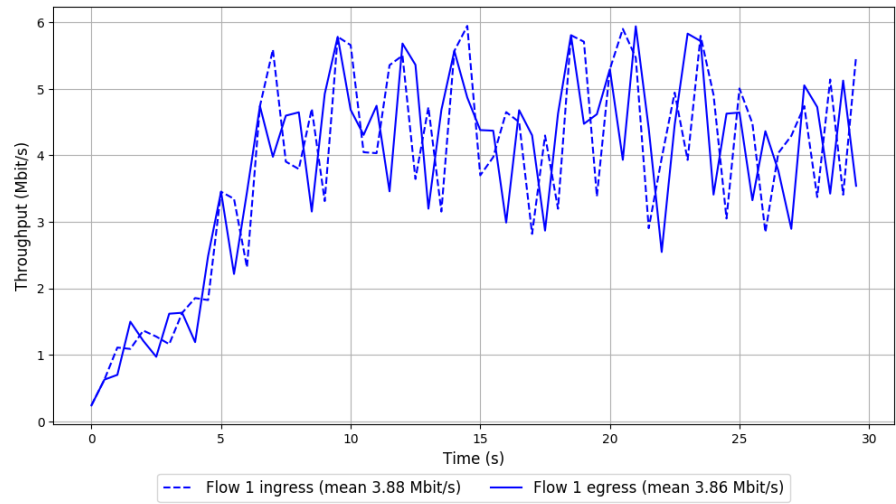


Run 8: Statistics of Sprout

Start at: 2018-02-19 23:53:37
End at: 2018-02-19 23:54:07
Local clock offset: -5.989 ms
Remote clock offset: 0.367 ms

Below is generated by plot.py at 2018-02-20 04:39:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 3.86 Mbit/s
95th percentile per-packet one-way delay: 86.747 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 3.86 Mbit/s
95th percentile per-packet one-way delay: 86.747 ms
Loss rate: 0.84%

Run 8: Report of Sprout — Data Link



Run 9: Statistics of Sprout

Start at: 2018-02-20 00:15:41

End at: 2018-02-20 00:16:11

Local clock offset: -6.526 ms

Remote clock offset: 1.213 ms

Below is generated by plot.py at 2018-02-20 04:39:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 3.81 Mbit/s

95th percentile per-packet one-way delay: 86.996 ms

Loss rate: 0.68%

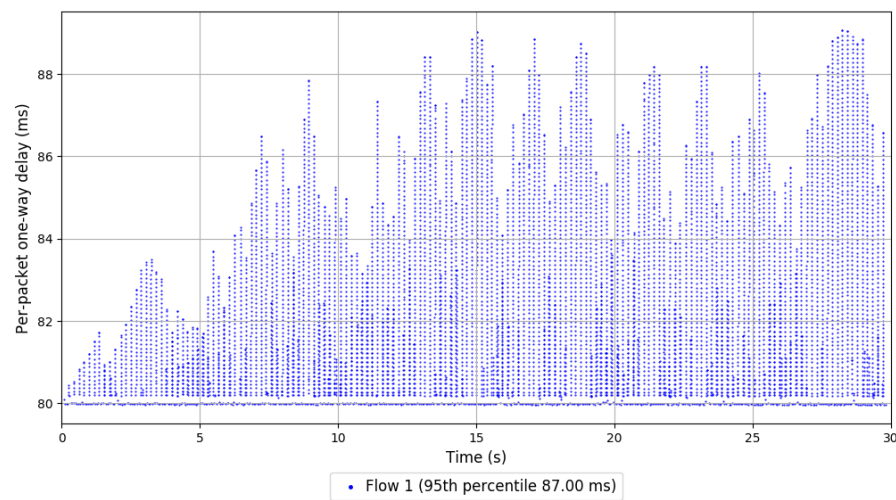
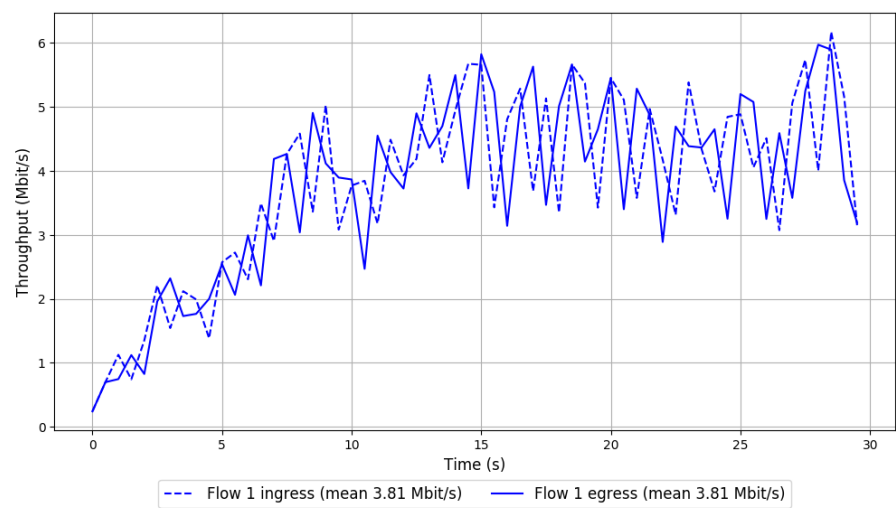
-- Flow 1:

Average throughput: 3.81 Mbit/s

95th percentile per-packet one-way delay: 86.996 ms

Loss rate: 0.68%

Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: 2018-02-20 00:37:52

End at: 2018-02-20 00:38:22

Local clock offset: -6.534 ms

Remote clock offset: 2.497 ms

Below is generated by plot.py at 2018-02-20 04:39:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.28 Mbit/s

95th percentile per-packet one-way delay: 86.894 ms

Loss rate: 0.67%

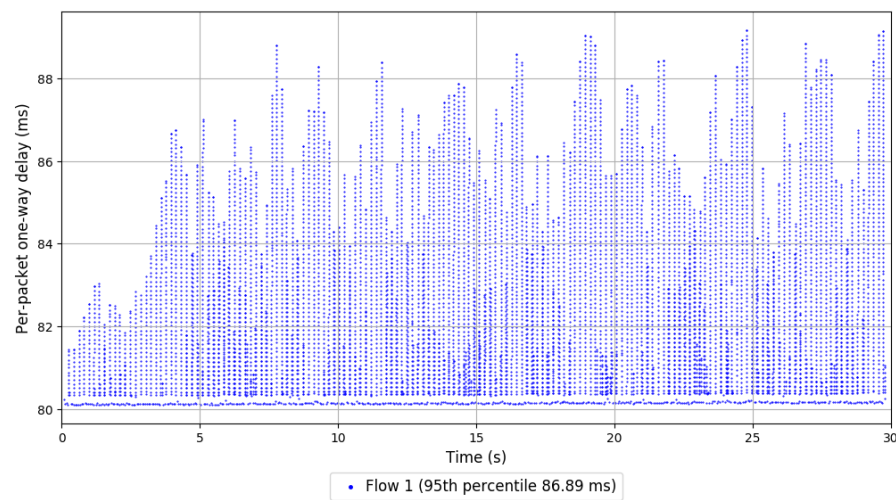
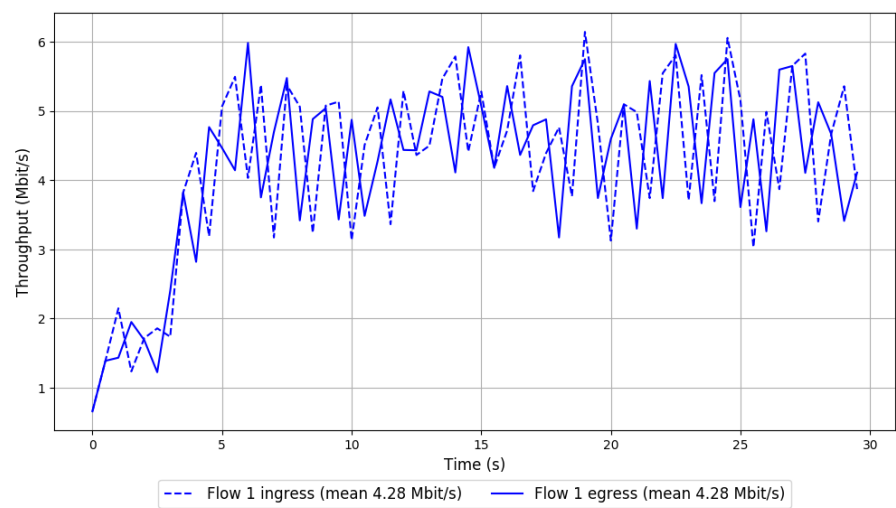
-- Flow 1:

Average throughput: 4.28 Mbit/s

95th percentile per-packet one-way delay: 86.894 ms

Loss rate: 0.67%

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: 2018-02-19 21:21:35

End at: 2018-02-19 21:22:05

Local clock offset: -6.761 ms

Remote clock offset: -2.943 ms

Below is generated by plot.py at 2018-02-20 04:41:25

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.71 Mbit/s

95th percentile per-packet one-way delay: 94.794 ms

Loss rate: 0.74%

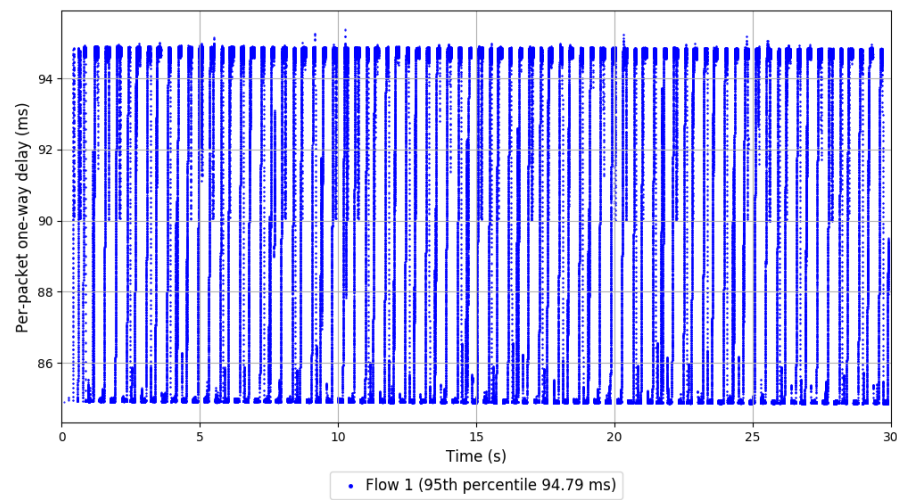
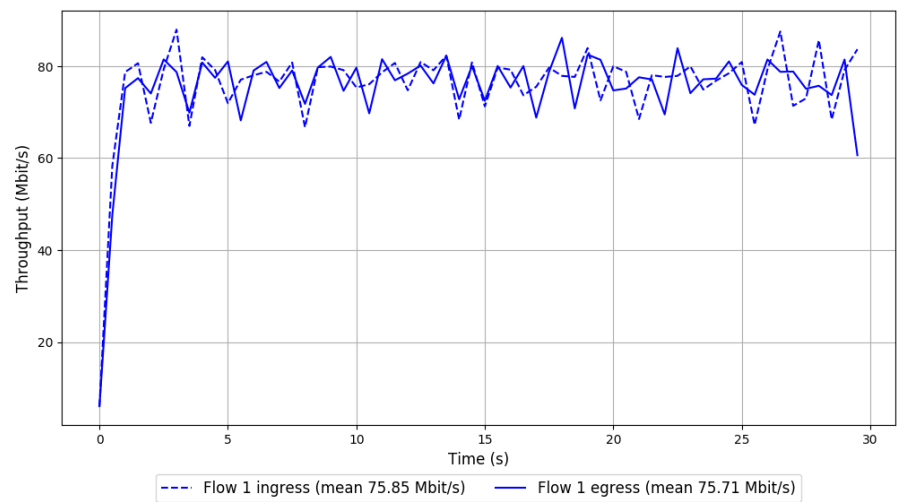
-- Flow 1:

Average throughput: 75.71 Mbit/s

95th percentile per-packet one-way delay: 94.794 ms

Loss rate: 0.74%

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

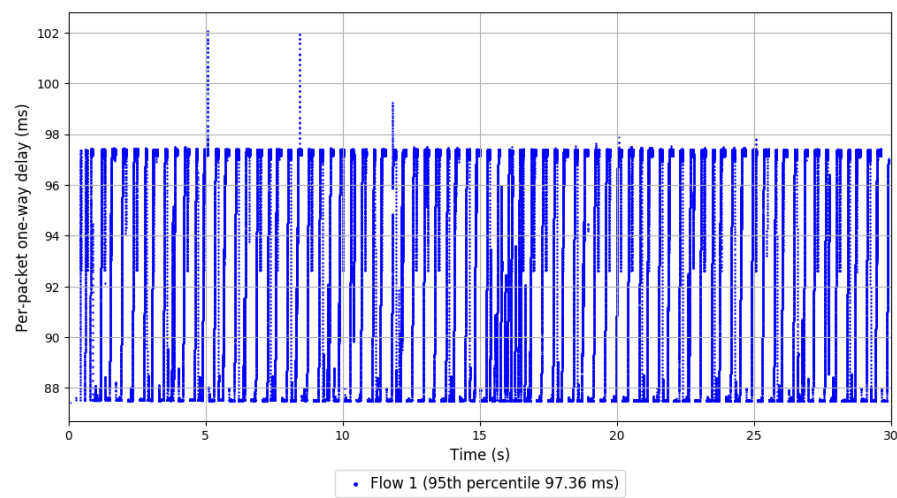
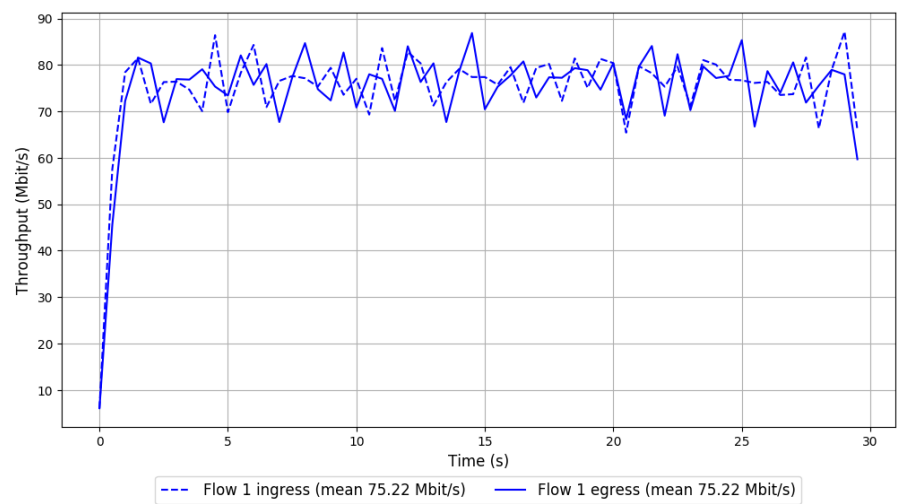


Run 2: Statistics of TaoVA-100x

Start at: 2018-02-19 21:43:37
End at: 2018-02-19 21:44:07
Local clock offset: -5.74 ms
Remote clock offset: -3.888 ms

Below is generated by plot.py at 2018-02-20 04:41:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 75.22 Mbit/s
95th percentile per-packet one-way delay: 97.360 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 75.22 Mbit/s
95th percentile per-packet one-way delay: 97.360 ms
Loss rate: 0.55%

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

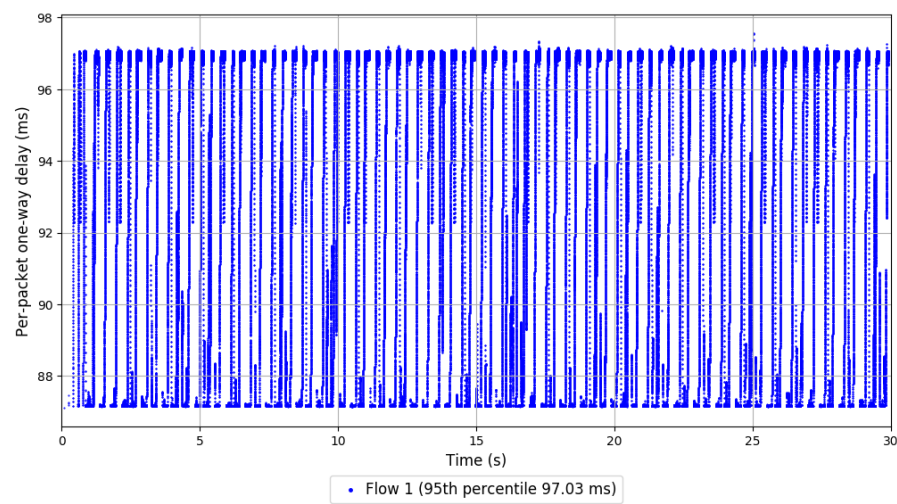
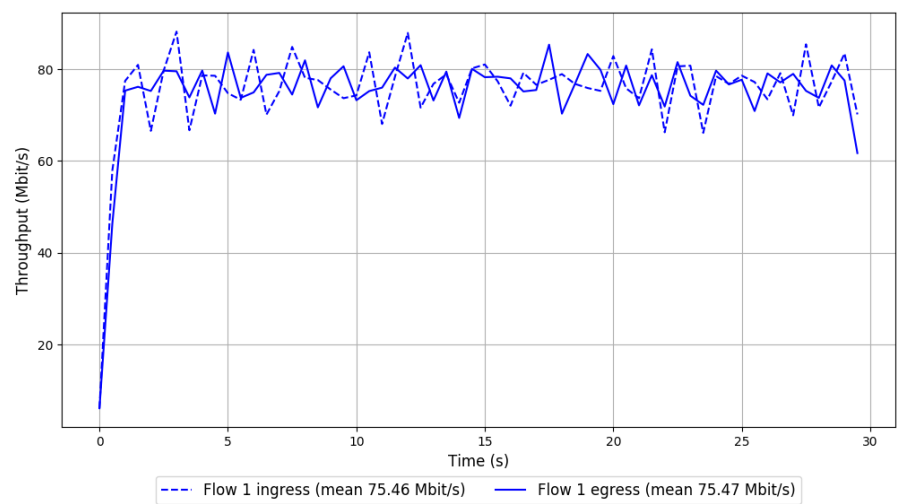


Run 3: Statistics of TaoVA-100x

Start at: 2018-02-19 22:05:39
End at: 2018-02-19 22:06:09
Local clock offset: -5.771 ms
Remote clock offset: -4.428 ms

Below is generated by plot.py at 2018-02-20 04:41:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 75.47 Mbit/s
95th percentile per-packet one-way delay: 97.027 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 75.47 Mbit/s
95th percentile per-packet one-way delay: 97.027 ms
Loss rate: 0.55%

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



Run 4: Statistics of TaoVA-100x

Start at: 2018-02-19 22:27:40

End at: 2018-02-19 22:28:10

Local clock offset: -5.572 ms

Remote clock offset: 1.328 ms

Below is generated by plot.py at 2018-02-20 04:41:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.14 Mbit/s

95th percentile per-packet one-way delay: 91.596 ms

Loss rate: 0.58%

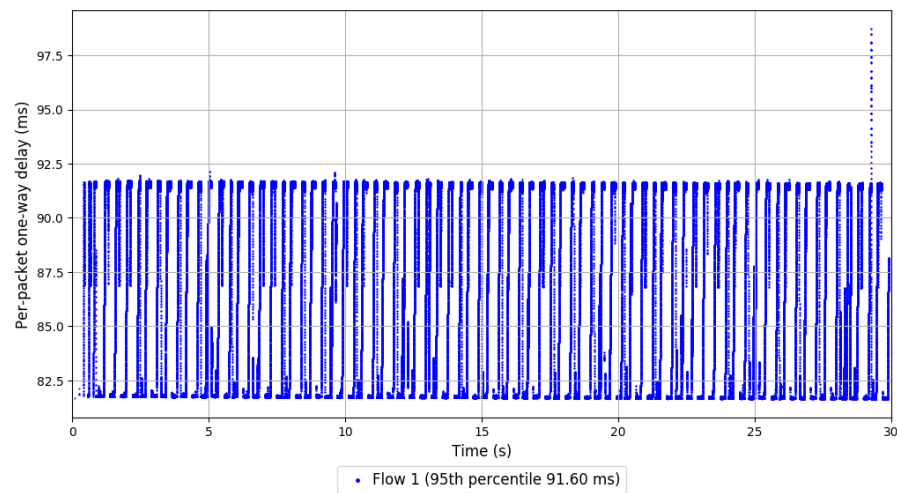
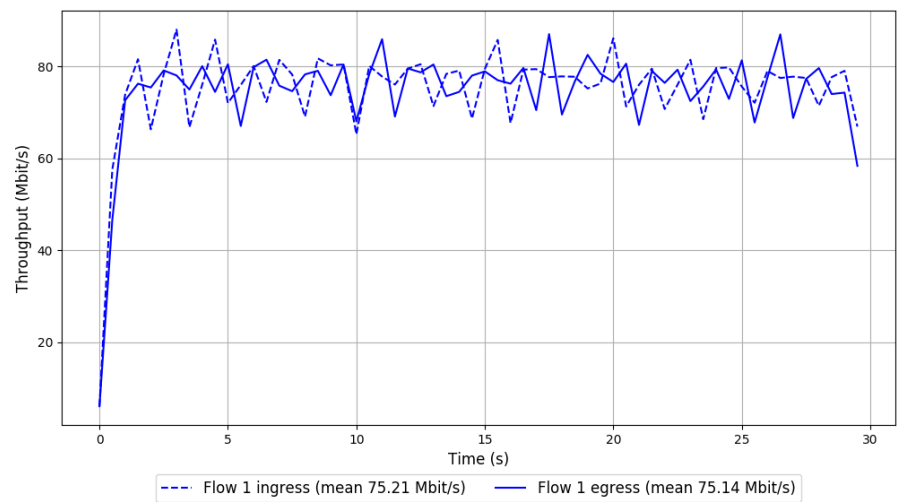
-- Flow 1:

Average throughput: 75.14 Mbit/s

95th percentile per-packet one-way delay: 91.596 ms

Loss rate: 0.58%

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

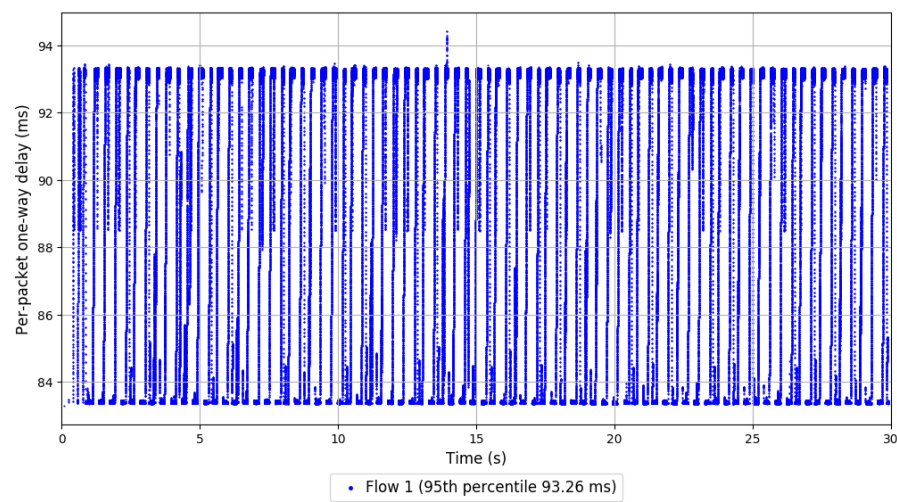
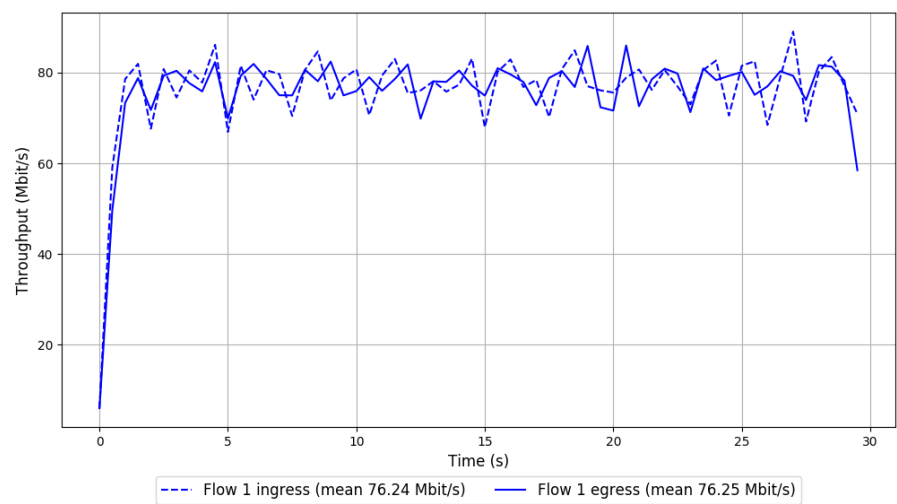


Run 5: Statistics of TaoVA-100x

Start at: 2018-02-19 22:49:47
End at: 2018-02-19 22:50:17
Local clock offset: -3.299 ms
Remote clock offset: -3.504 ms

Below is generated by plot.py at 2018-02-20 04:41:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.25 Mbit/s
95th percentile per-packet one-way delay: 93.262 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 76.25 Mbit/s
95th percentile per-packet one-way delay: 93.262 ms
Loss rate: 0.55%

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



Run 6: Statistics of TaoVA-100x

Start at: 2018-02-19 23:11:52

End at: 2018-02-19 23:12:22

Local clock offset: -2.079 ms

Remote clock offset: 1.53 ms

Below is generated by plot.py at 2018-02-20 04:41:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.78 Mbit/s

95th percentile per-packet one-way delay: 88.529 ms

Loss rate: 0.59%

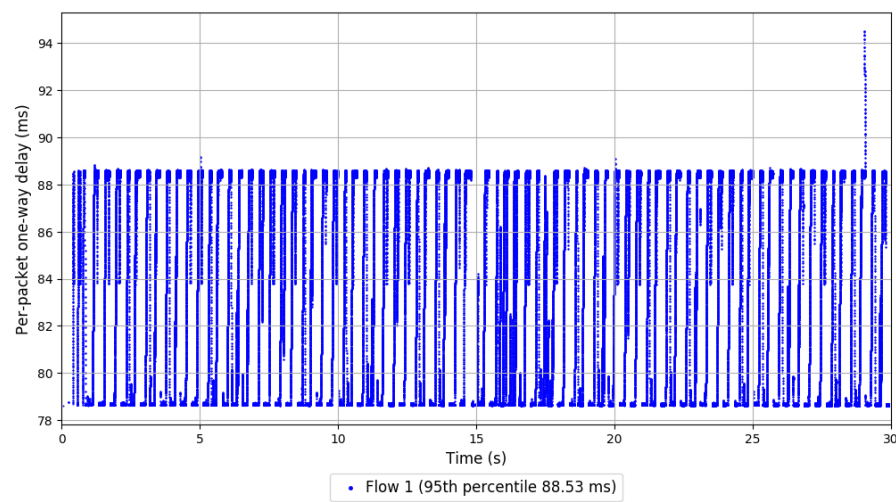
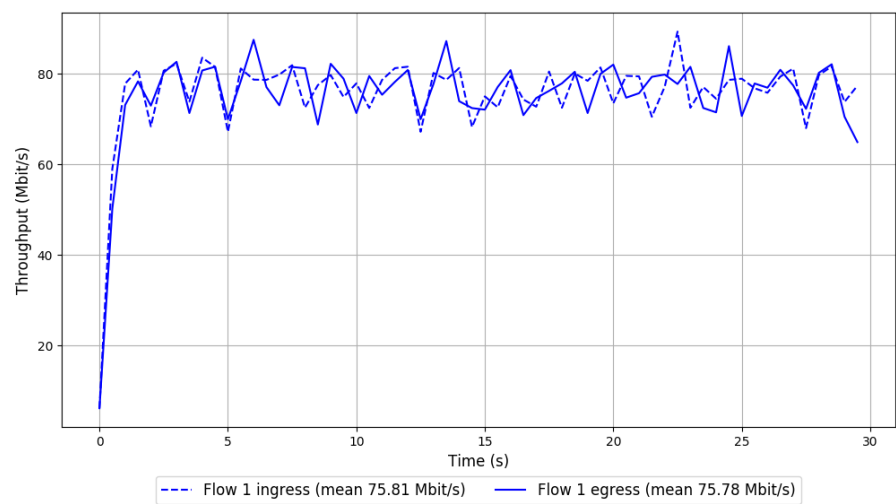
-- Flow 1:

Average throughput: 75.78 Mbit/s

95th percentile per-packet one-way delay: 88.529 ms

Loss rate: 0.59%

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

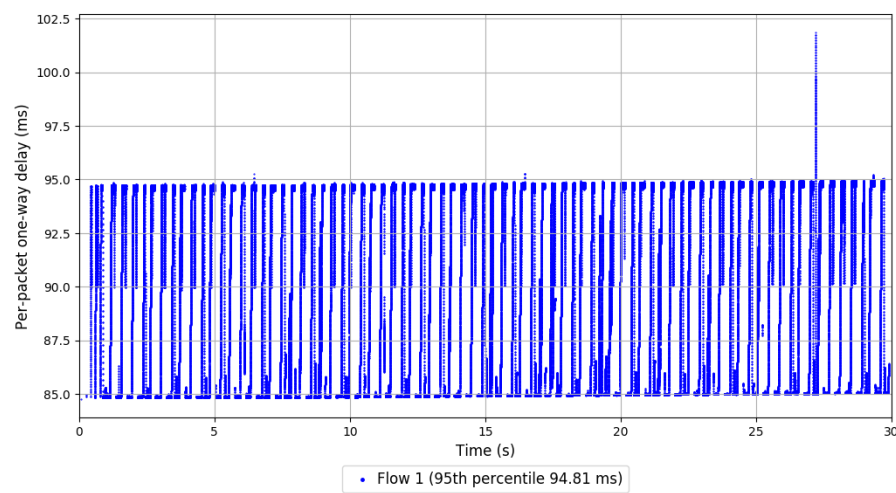
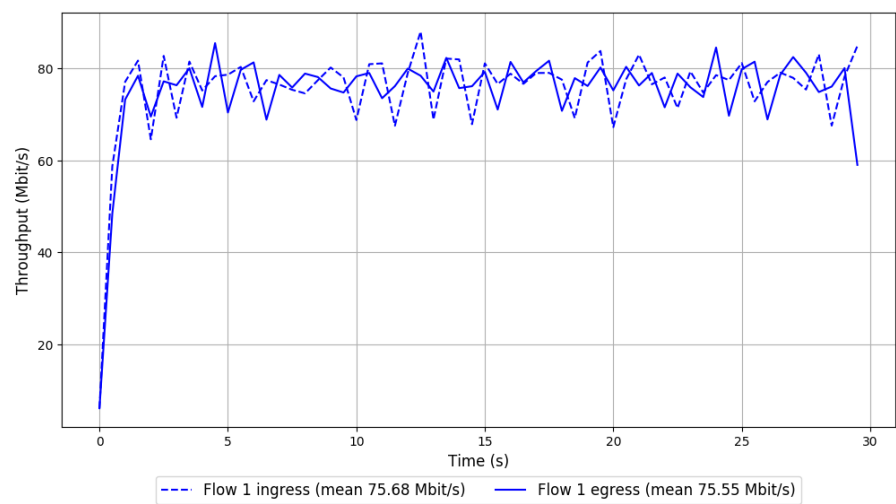


Run 7: Statistics of TaoVA-100x

Start at: 2018-02-19 23:33:55
End at: 2018-02-19 23:34:25
Local clock offset: -1.198 ms
Remote clock offset: -3.544 ms

Below is generated by plot.py at 2018-02-20 04:41:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 75.55 Mbit/s
95th percentile per-packet one-way delay: 94.807 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 75.55 Mbit/s
95th percentile per-packet one-way delay: 94.807 ms
Loss rate: 0.74%

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

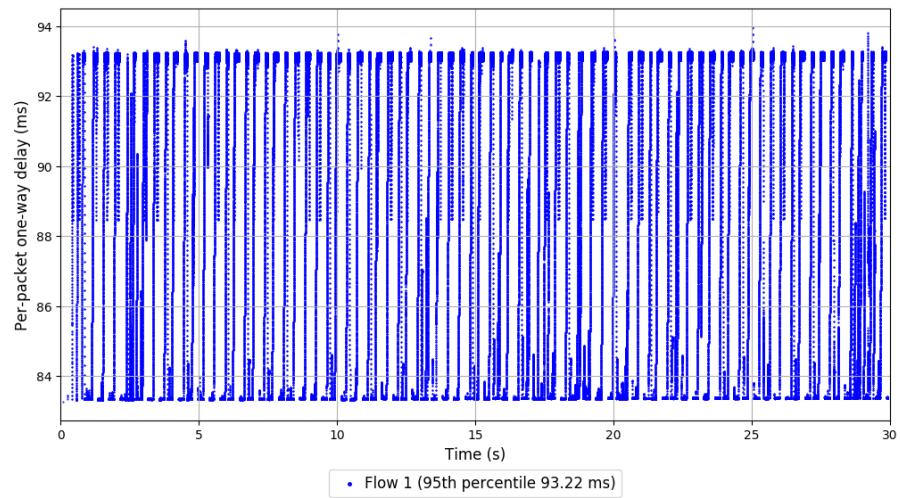
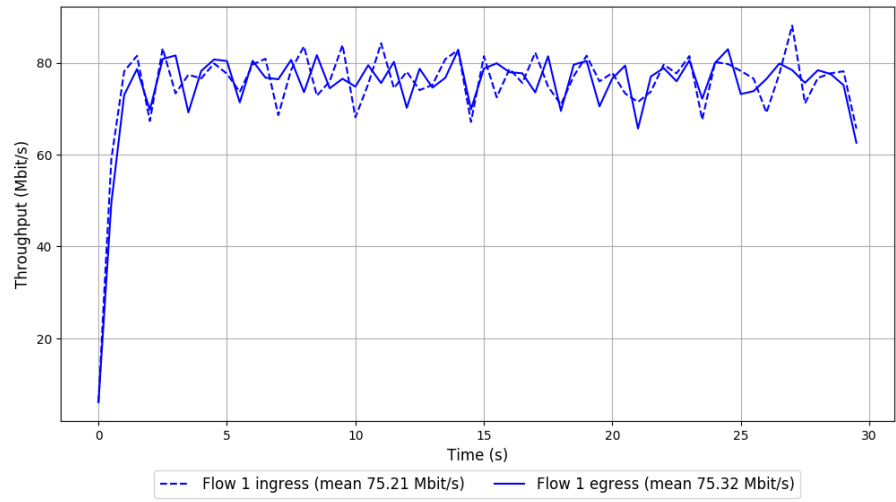


Run 8: Statistics of TaoVA-100x

Start at: 2018-02-19 23:55:57
End at: 2018-02-19 23:56:27
Local clock offset: -6.236 ms
Remote clock offset: -3.587 ms

Below is generated by plot.py at 2018-02-20 04:41:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 75.32 Mbit/s
95th percentile per-packet one-way delay: 93.215 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 75.32 Mbit/s
95th percentile per-packet one-way delay: 93.215 ms
Loss rate: 0.40%

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



Run 9: Statistics of TaoVA-100x

Start at: 2018-02-20 00:18:01

End at: 2018-02-20 00:18:31

Local clock offset: -6.489 ms

Remote clock offset: 1.163 ms

Below is generated by plot.py at 2018-02-20 04:43:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.46 Mbit/s

95th percentile per-packet one-way delay: 90.051 ms

Loss rate: 0.54%

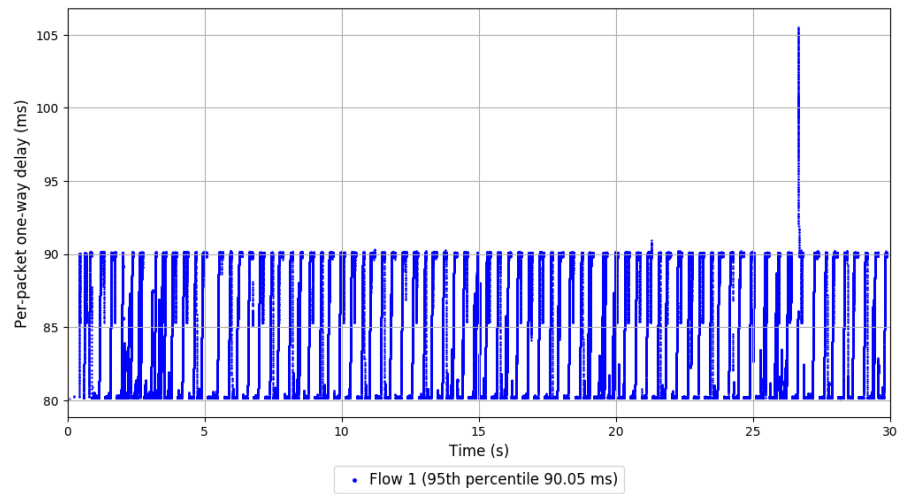
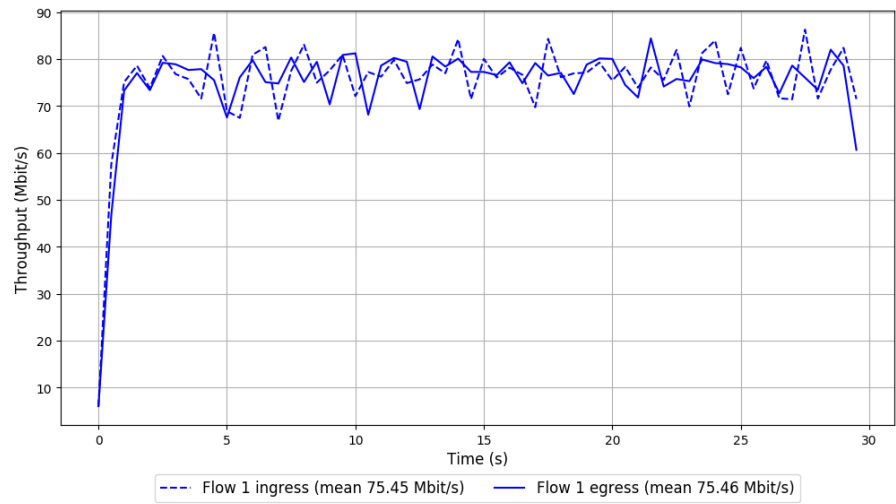
-- Flow 1:

Average throughput: 75.46 Mbit/s

95th percentile per-packet one-way delay: 90.051 ms

Loss rate: 0.54%

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



Run 10: Statistics of TaoVA-100x

Start at: 2018-02-20 00:40:12

End at: 2018-02-20 00:40:42

Local clock offset: -6.515 ms

Remote clock offset: 3.364 ms

Below is generated by plot.py at 2018-02-20 04:43:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 69.57 Mbit/s

95th percentile per-packet one-way delay: 87.901 ms

Loss rate: 6.68%

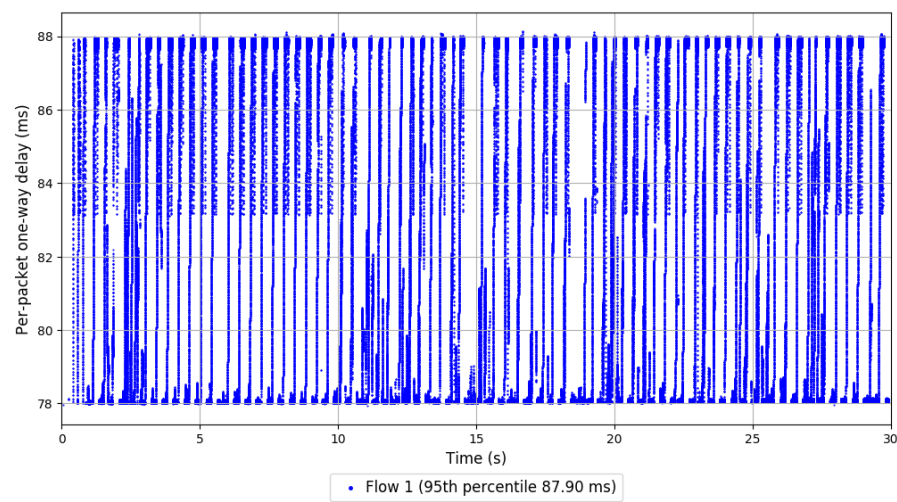
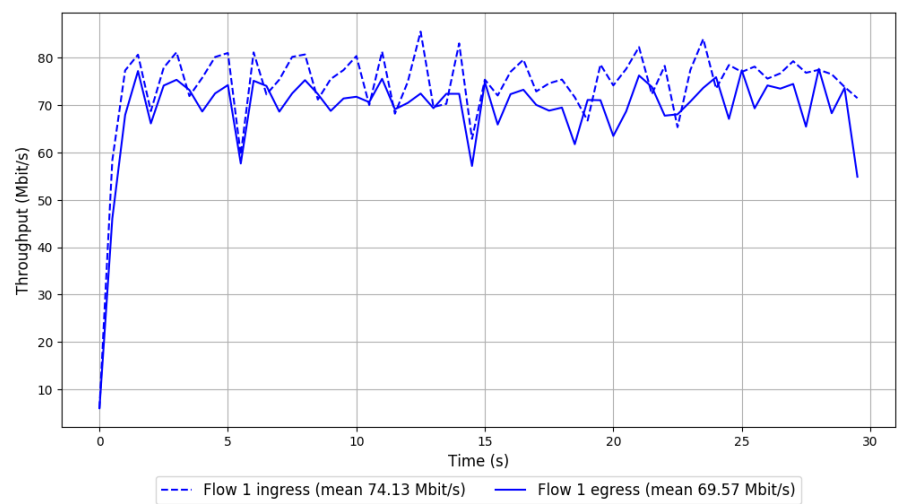
-- Flow 1:

Average throughput: 69.57 Mbit/s

95th percentile per-packet one-way delay: 87.901 ms

Loss rate: 6.68%

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



Run 1: Statistics of TCP Vegas

Start at: 2018-02-19 21:27:51

End at: 2018-02-19 21:28:21

Local clock offset: -6.118 ms

Remote clock offset: 2.83 ms

Below is generated by plot.py at 2018-02-20 04:43:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 43.25 Mbit/s

95th percentile per-packet one-way delay: 80.195 ms

Loss rate: 0.57%

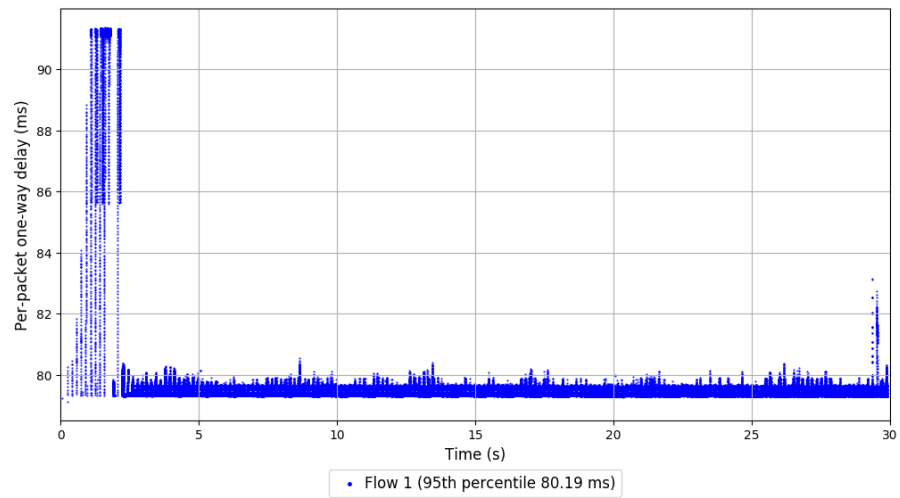
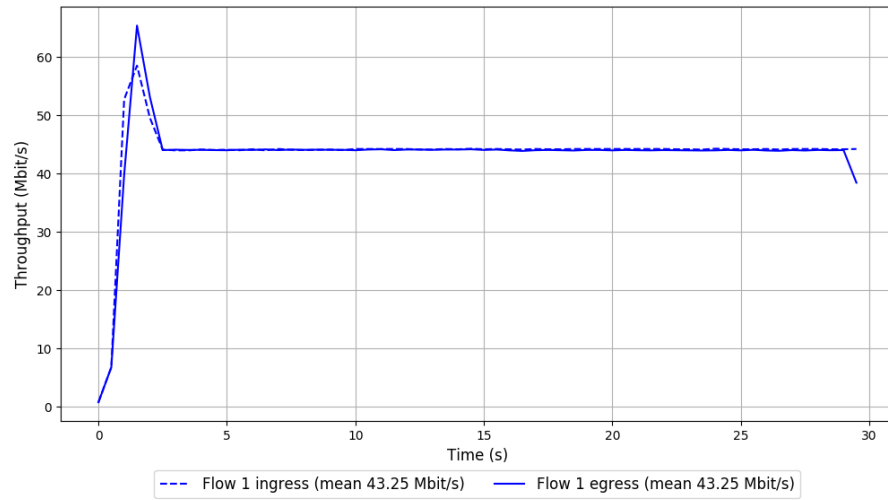
-- Flow 1:

Average throughput: 43.25 Mbit/s

95th percentile per-packet one-way delay: 80.195 ms

Loss rate: 0.57%

Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: 2018-02-19 21:49:52

End at: 2018-02-19 21:50:22

Local clock offset: -5.754 ms

Remote clock offset: 1.406 ms

Below is generated by plot.py at 2018-02-20 04:43:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 47.66 Mbit/s

95th percentile per-packet one-way delay: 82.466 ms

Loss rate: 0.65%

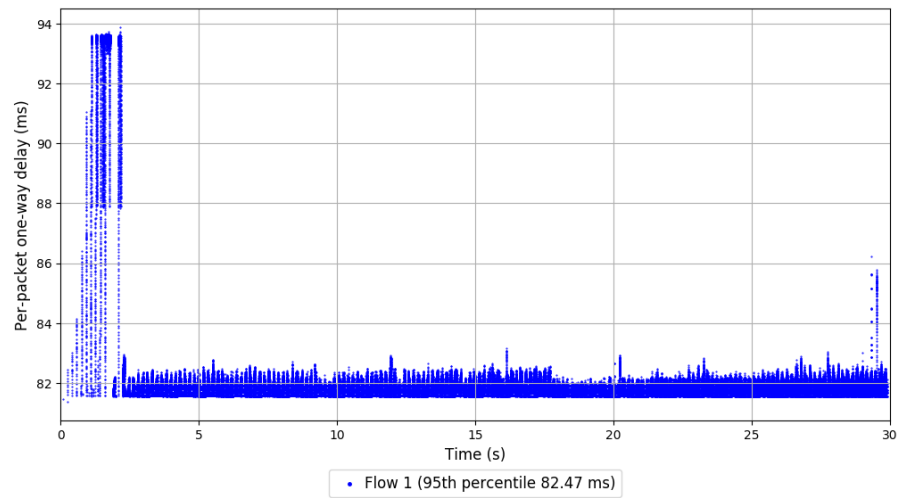
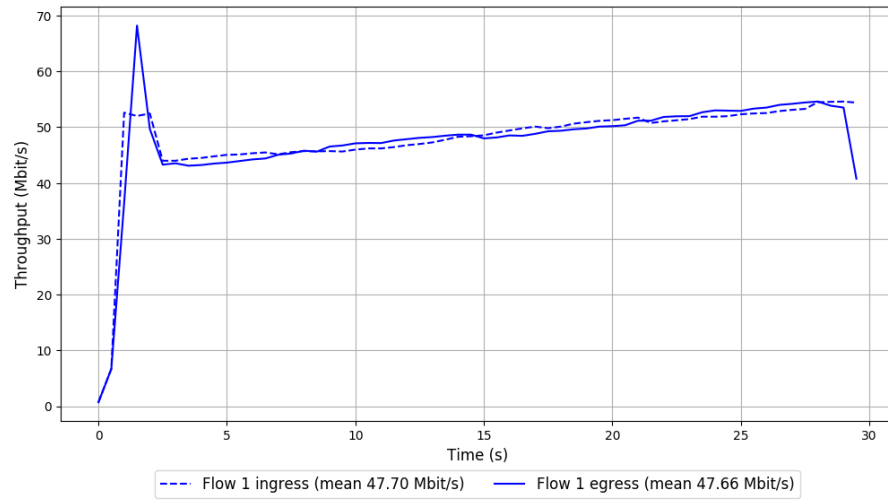
-- Flow 1:

Average throughput: 47.66 Mbit/s

95th percentile per-packet one-way delay: 82.466 ms

Loss rate: 0.65%

Run 2: Report of TCP Vegas — Data Link

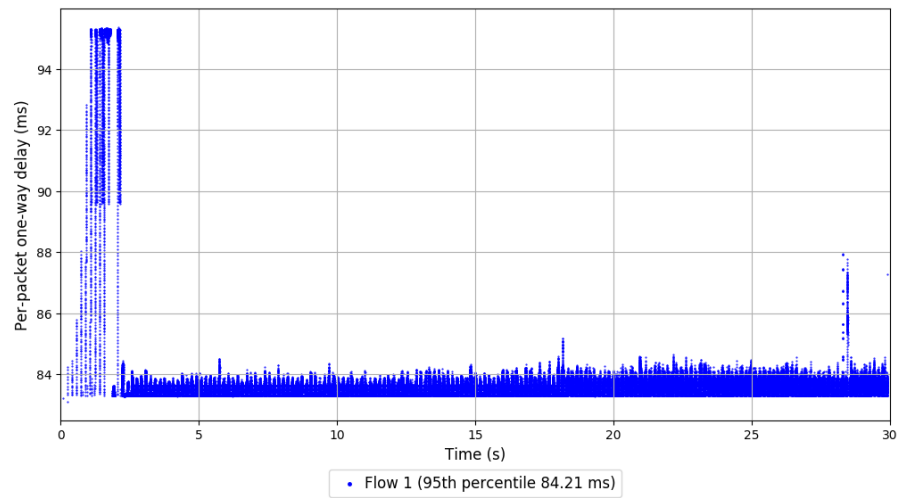
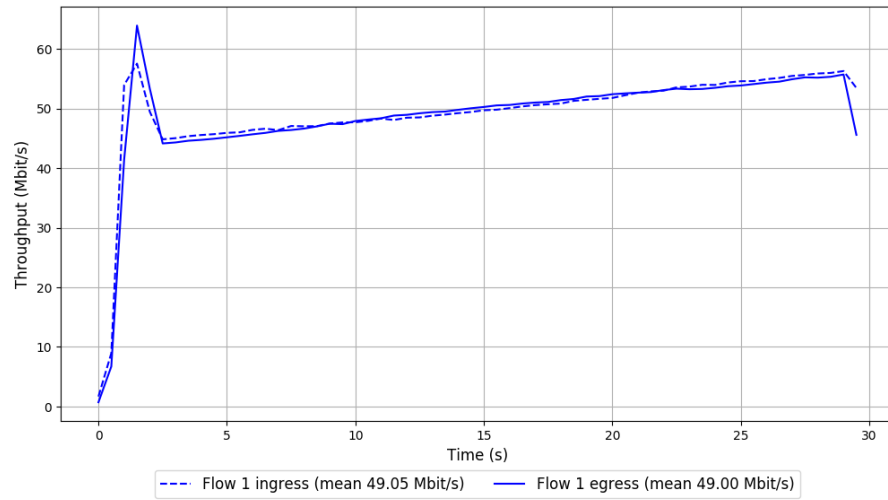


Run 3: Statistics of TCP Vegas

Start at: 2018-02-19 22:11:54
End at: 2018-02-19 22:12:24
Local clock offset: -5.9 ms
Remote clock offset: -3.645 ms

Below is generated by plot.py at 2018-02-20 04:43:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 49.00 Mbit/s
95th percentile per-packet one-way delay: 84.207 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 49.00 Mbit/s
95th percentile per-packet one-way delay: 84.207 ms
Loss rate: 0.63%

Run 3: Report of TCP Vegas — Data Link

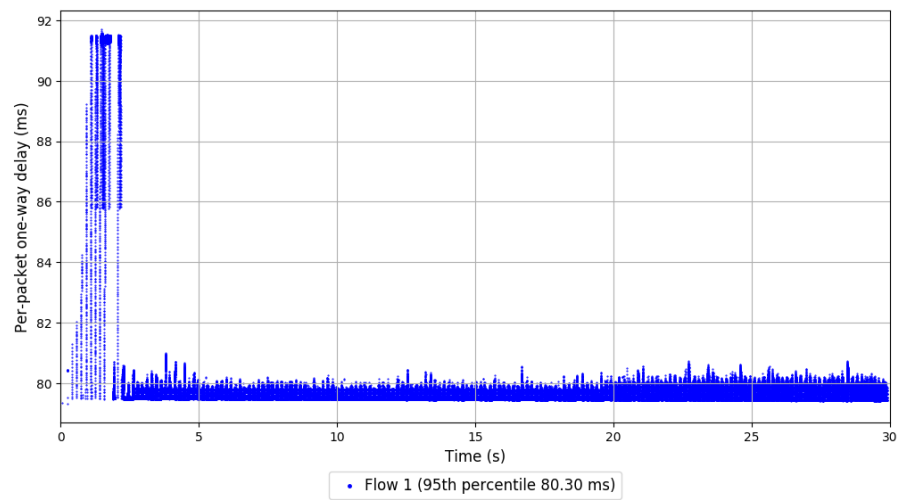
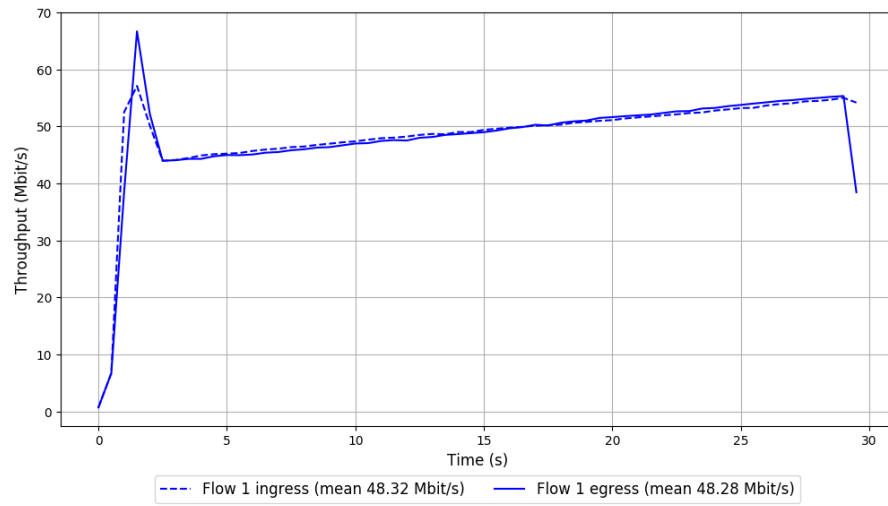


Run 4: Statistics of TCP Vegas

Start at: 2018-02-19 22:33:58
End at: 2018-02-19 22:34:28
Local clock offset: -4.481 ms
Remote clock offset: 2.113 ms

Below is generated by plot.py at 2018-02-20 04:43:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 48.28 Mbit/s
95th percentile per-packet one-way delay: 80.304 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 48.28 Mbit/s
95th percentile per-packet one-way delay: 80.304 ms
Loss rate: 0.64%

Run 4: Report of TCP Vegas — Data Link

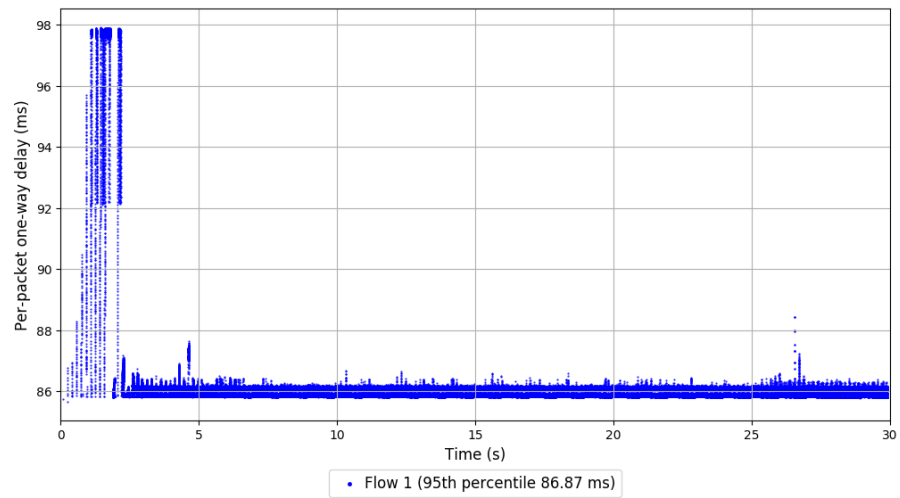
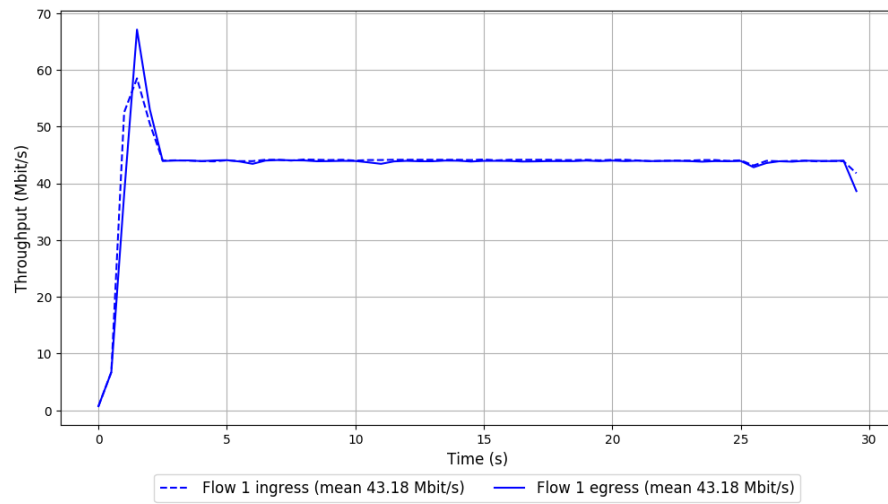


Run 5: Statistics of TCP Vegas

Start at: 2018-02-19 22:56:05
End at: 2018-02-19 22:56:35
Local clock offset: -3.15 ms
Remote clock offset: -4.259 ms

Below is generated by plot.py at 2018-02-20 04:43:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 43.18 Mbit/s
95th percentile per-packet one-way delay: 86.868 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 43.18 Mbit/s
95th percentile per-packet one-way delay: 86.868 ms
Loss rate: 0.57%

Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: 2018-02-19 23:18:08

End at: 2018-02-19 23:18:38

Local clock offset: -1.791 ms

Remote clock offset: 2.332 ms

Below is generated by plot.py at 2018-02-20 04:43:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 43.54 Mbit/s

95th percentile per-packet one-way delay: 78.525 ms

Loss rate: 0.56%

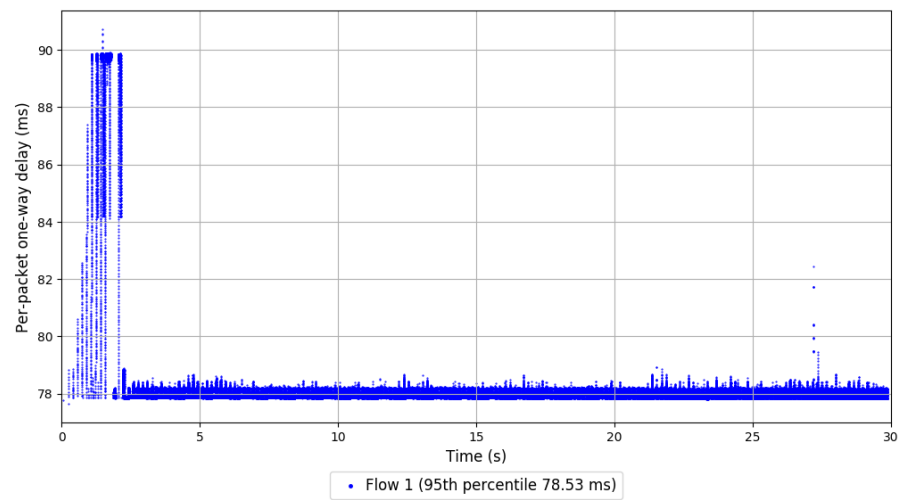
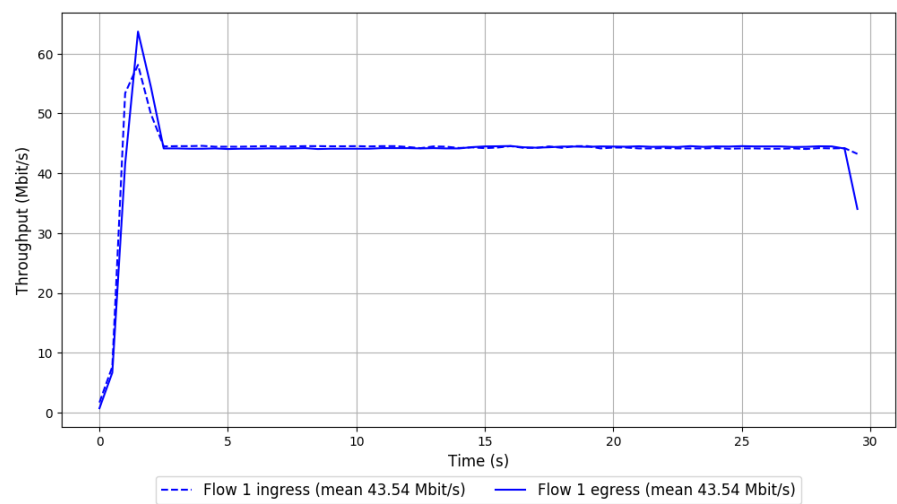
-- Flow 1:

Average throughput: 43.54 Mbit/s

95th percentile per-packet one-way delay: 78.525 ms

Loss rate: 0.56%

Run 6: Report of TCP Vegas — Data Link

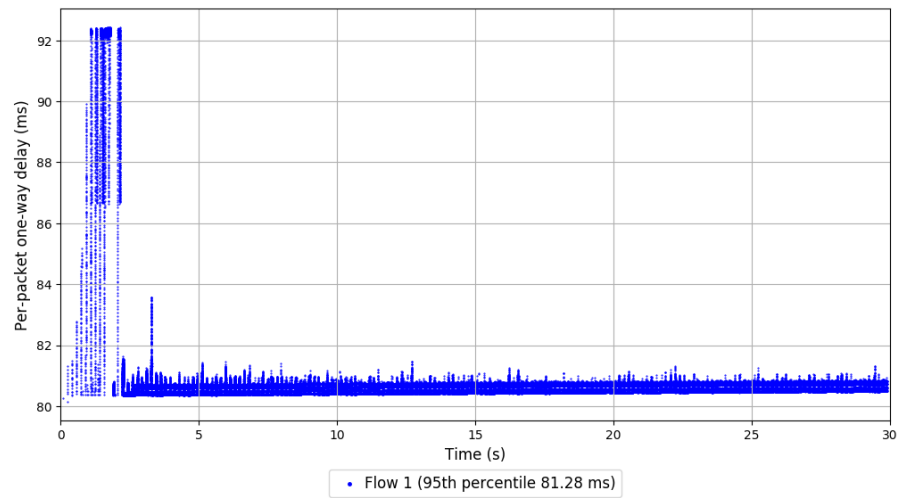
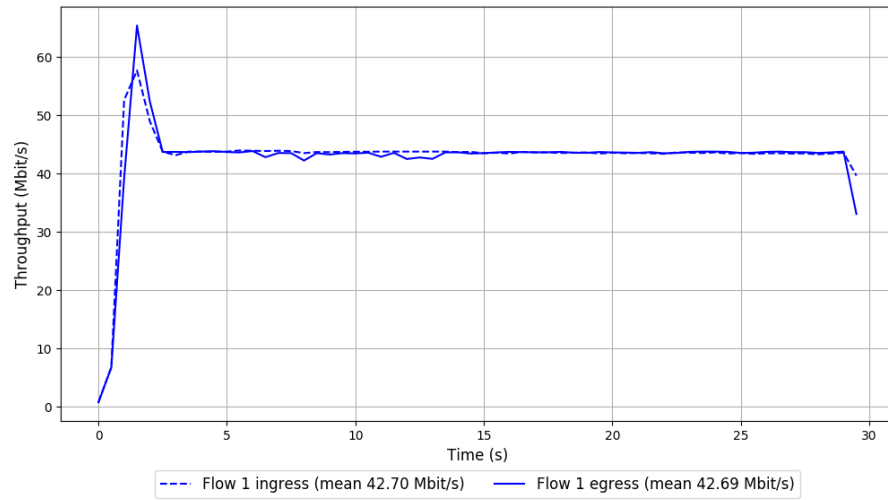


Run 7: Statistics of TCP Vegas

Start at: 2018-02-19 23:40:11
End at: 2018-02-19 23:40:41
Local clock offset: -3.633 ms
Remote clock offset: 1.293 ms

Below is generated by plot.py at 2018-02-20 04:43:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 42.69 Mbit/s
95th percentile per-packet one-way delay: 81.282 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 42.69 Mbit/s
95th percentile per-packet one-way delay: 81.282 ms
Loss rate: 0.57%

Run 7: Report of TCP Vegas — Data Link

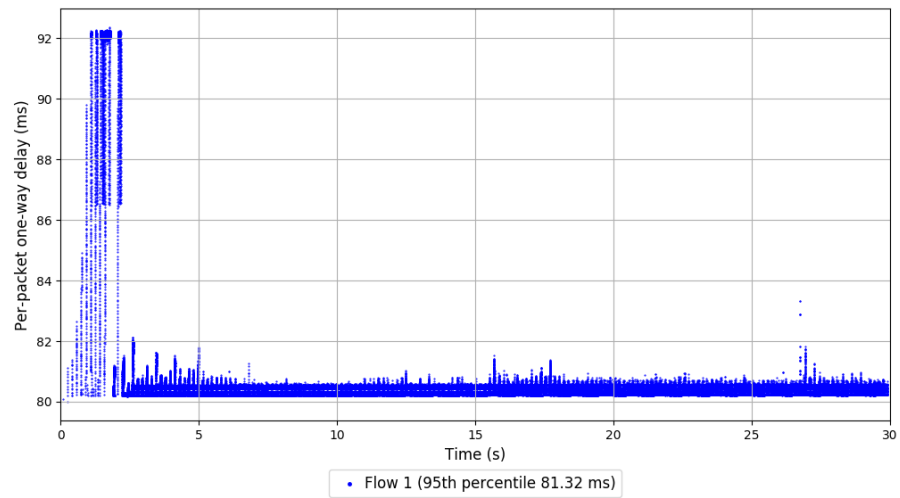
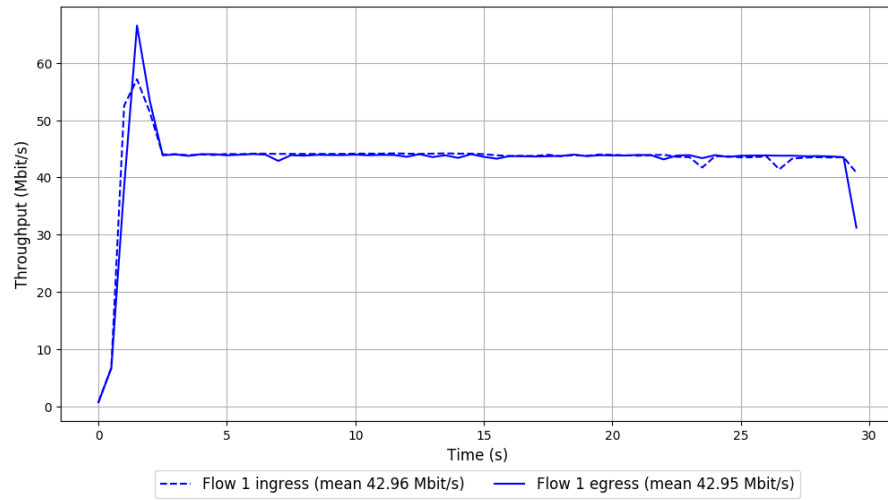


Run 8: Statistics of TCP Vegas

Start at: 2018-02-20 00:02:13
End at: 2018-02-20 00:02:43
Local clock offset: -6.621 ms
Remote clock offset: 1.267 ms

Below is generated by plot.py at 2018-02-20 04:43:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 42.95 Mbit/s
95th percentile per-packet one-way delay: 81.324 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 42.95 Mbit/s
95th percentile per-packet one-way delay: 81.324 ms
Loss rate: 0.57%

Run 8: Report of TCP Vegas — Data Link



Run 9: Statistics of TCP Vegas

Start at: 2018-02-20 00:24:21

End at: 2018-02-20 00:24:51

Local clock offset: -6.415 ms

Remote clock offset: 1.968 ms

Below is generated by plot.py at 2018-02-20 04:43:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 43.73 Mbit/s

95th percentile per-packet one-way delay: 78.586 ms

Loss rate: 0.56%

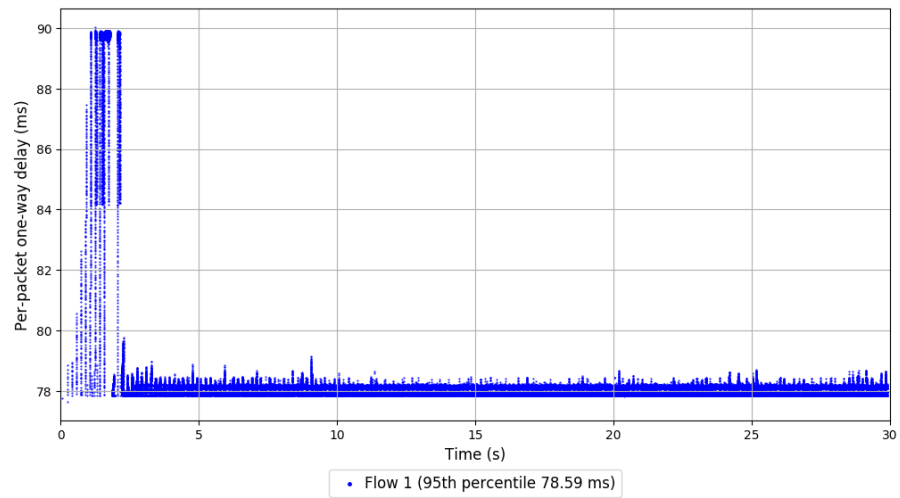
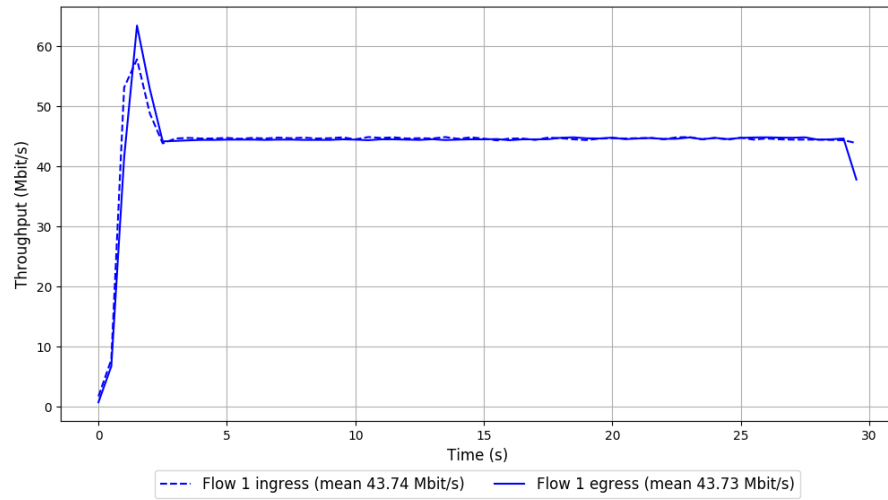
-- Flow 1:

Average throughput: 43.73 Mbit/s

95th percentile per-packet one-way delay: 78.586 ms

Loss rate: 0.56%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: 2018-02-20 00:46:28

End at: 2018-02-20 00:46:58

Local clock offset: -5.388 ms

Remote clock offset: 2.951 ms

Below is generated by plot.py at 2018-02-20 04:43:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 49.08 Mbit/s

95th percentile per-packet one-way delay: 81.030 ms

Loss rate: 0.64%

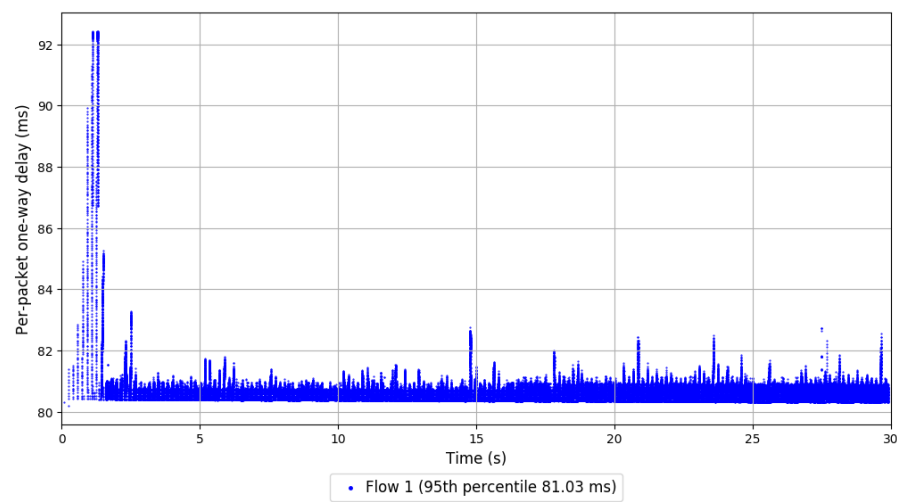
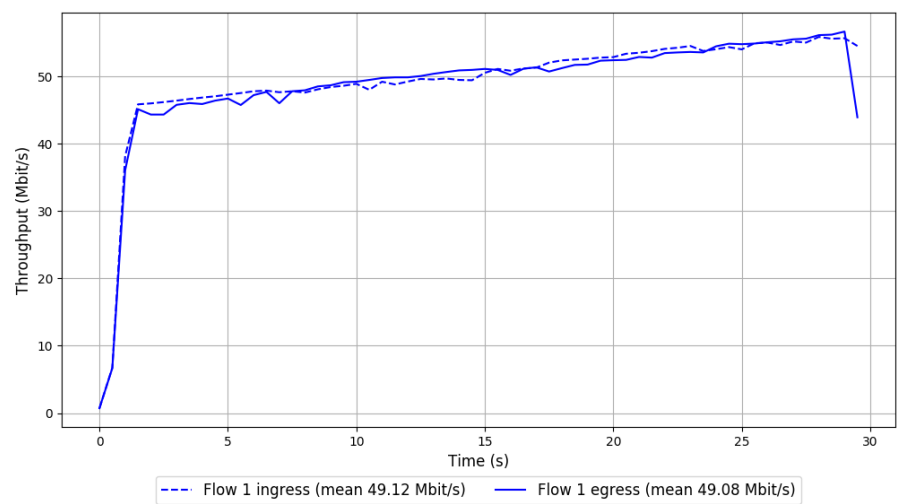
-- Flow 1:

Average throughput: 49.08 Mbit/s

95th percentile per-packet one-way delay: 81.030 ms

Loss rate: 0.64%

Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: 2018-02-19 21:13:11

End at: 2018-02-19 21:13:41

Local clock offset: -7.663 ms

Remote clock offset: 2.395 ms

Below is generated by plot.py at 2018-02-20 04:43:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 51.26 Mbit/s

95th percentile per-packet one-way delay: 89.817 ms

Loss rate: 0.00%

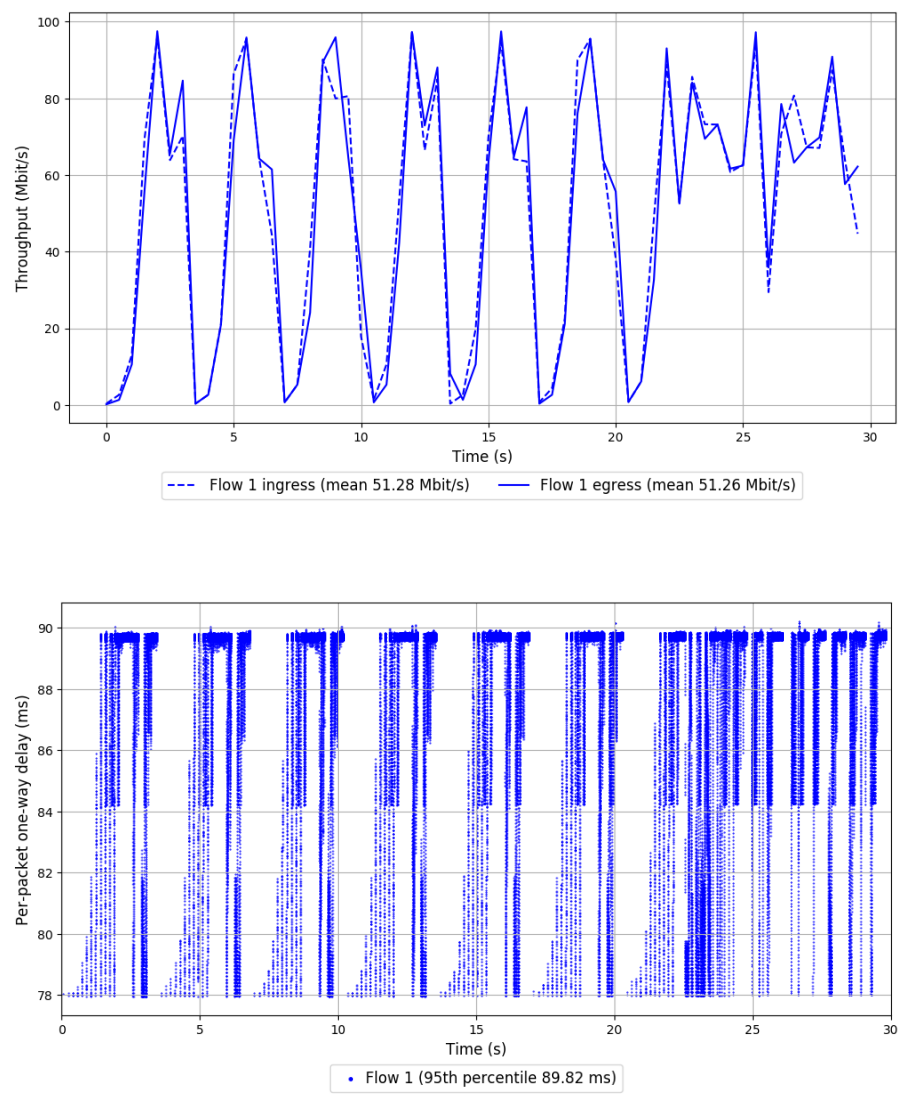
-- Flow 1:

Average throughput: 51.26 Mbit/s

95th percentile per-packet one-way delay: 89.817 ms

Loss rate: 0.00%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: 2018-02-19 21:35:13

End at: 2018-02-19 21:35:43

Local clock offset: -5.807 ms

Remote clock offset: 2.207 ms

Below is generated by plot.py at 2018-02-20 04:43:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 45.73 Mbit/s

95th percentile per-packet one-way delay: 90.516 ms

Loss rate: 0.80%

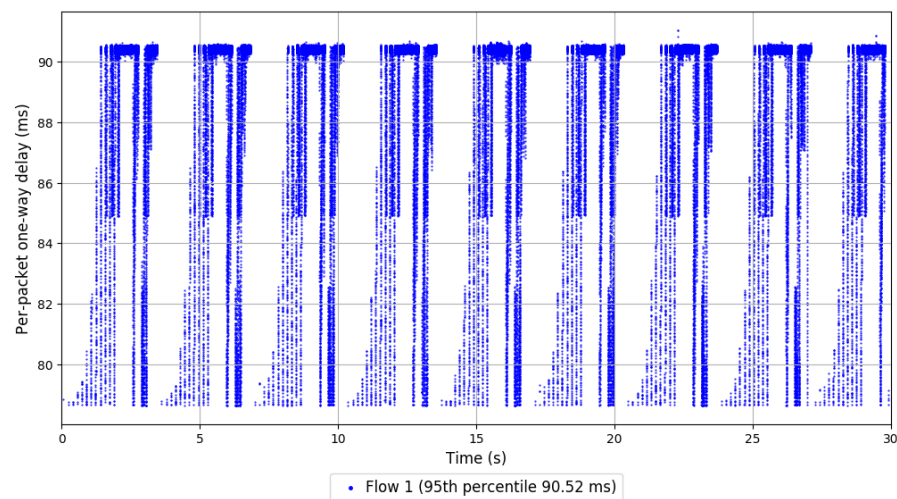
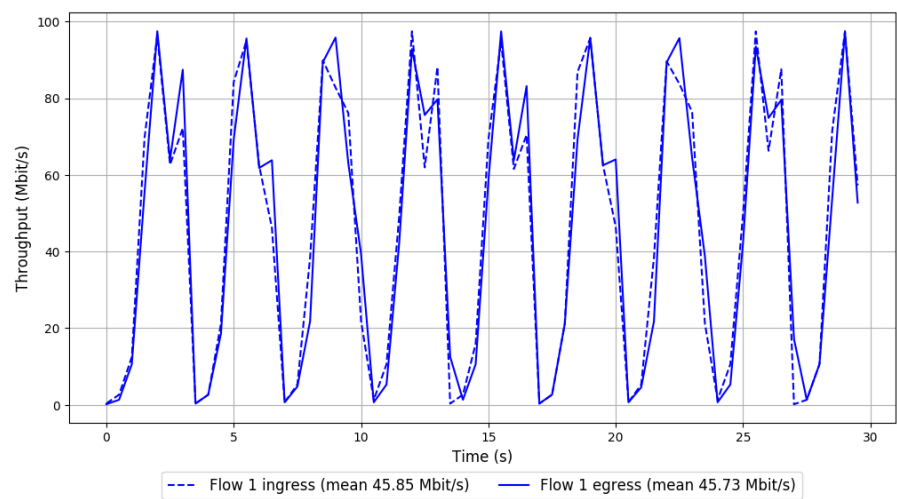
-- Flow 1:

Average throughput: 45.73 Mbit/s

95th percentile per-packet one-way delay: 90.516 ms

Loss rate: 0.80%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: 2018-02-19 21:57:14

End at: 2018-02-19 21:57:44

Local clock offset: -5.761 ms

Remote clock offset: 0.534 ms

Below is generated by plot.py at 2018-02-20 04:43:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 45.23 Mbit/s

95th percentile per-packet one-way delay: 94.520 ms

Loss rate: 1.19%

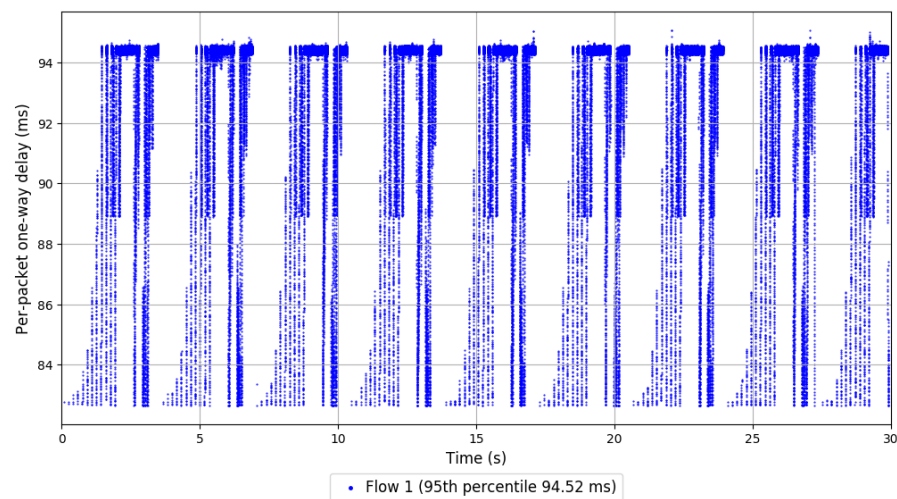
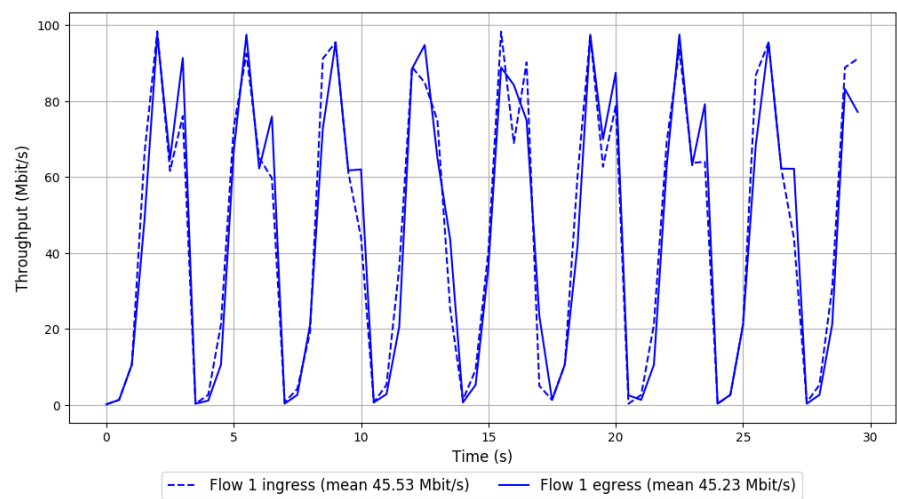
-- Flow 1:

Average throughput: 45.23 Mbit/s

95th percentile per-packet one-way delay: 94.520 ms

Loss rate: 1.19%

Run 3: Report of Verus — Data Link

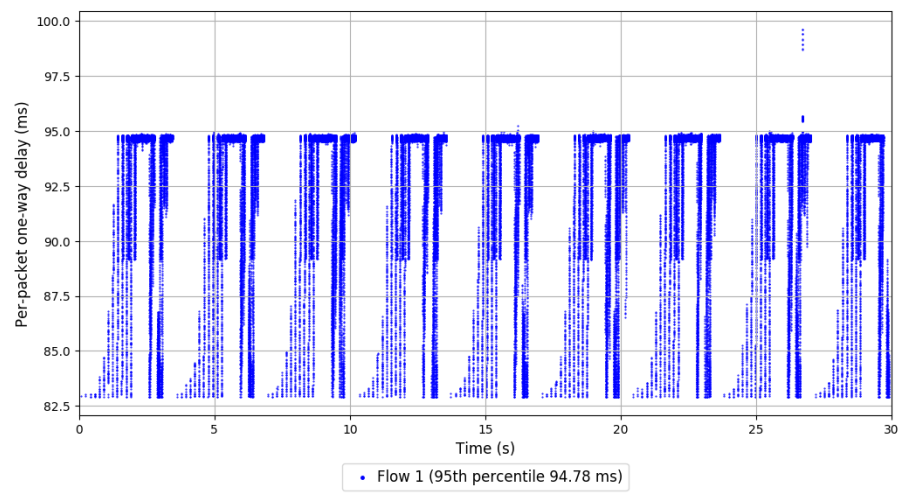
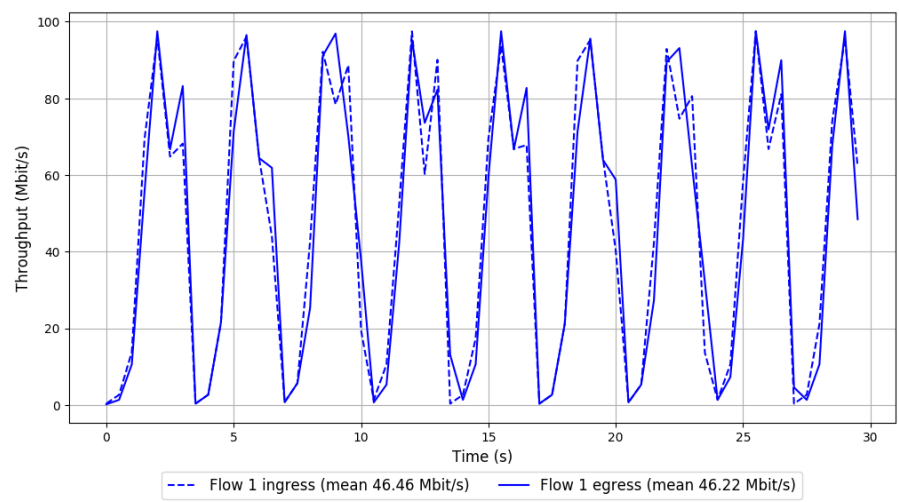


Run 4: Statistics of Verus

Start at: 2018-02-19 22:19:16
End at: 2018-02-19 22:19:46
Local clock offset: -5.964 ms
Remote clock offset: -3.533 ms

Below is generated by plot.py at 2018-02-20 04:43:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 46.22 Mbit/s
95th percentile per-packet one-way delay: 94.779 ms
Loss rate: 1.09%
-- Flow 1:
Average throughput: 46.22 Mbit/s
95th percentile per-packet one-way delay: 94.779 ms
Loss rate: 1.09%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: 2018-02-19 22:41:20

End at: 2018-02-19 22:41:50

Local clock offset: -3.744 ms

Remote clock offset: 1.281 ms

Below is generated by plot.py at 2018-02-20 04:43:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 46.67 Mbit/s

95th percentile per-packet one-way delay: 92.015 ms

Loss rate: 9.63%

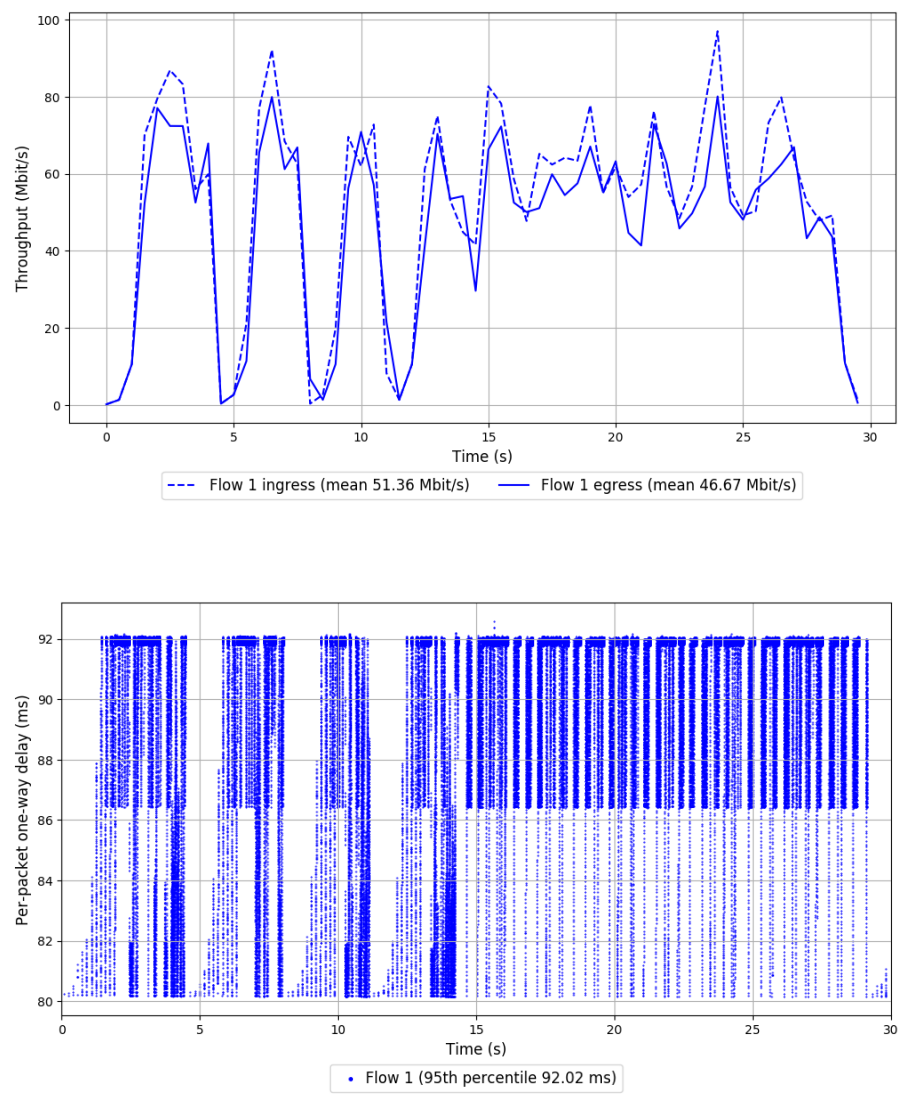
-- Flow 1:

Average throughput: 46.67 Mbit/s

95th percentile per-packet one-way delay: 92.015 ms

Loss rate: 9.63%

Run 5: Report of Verus — Data Link

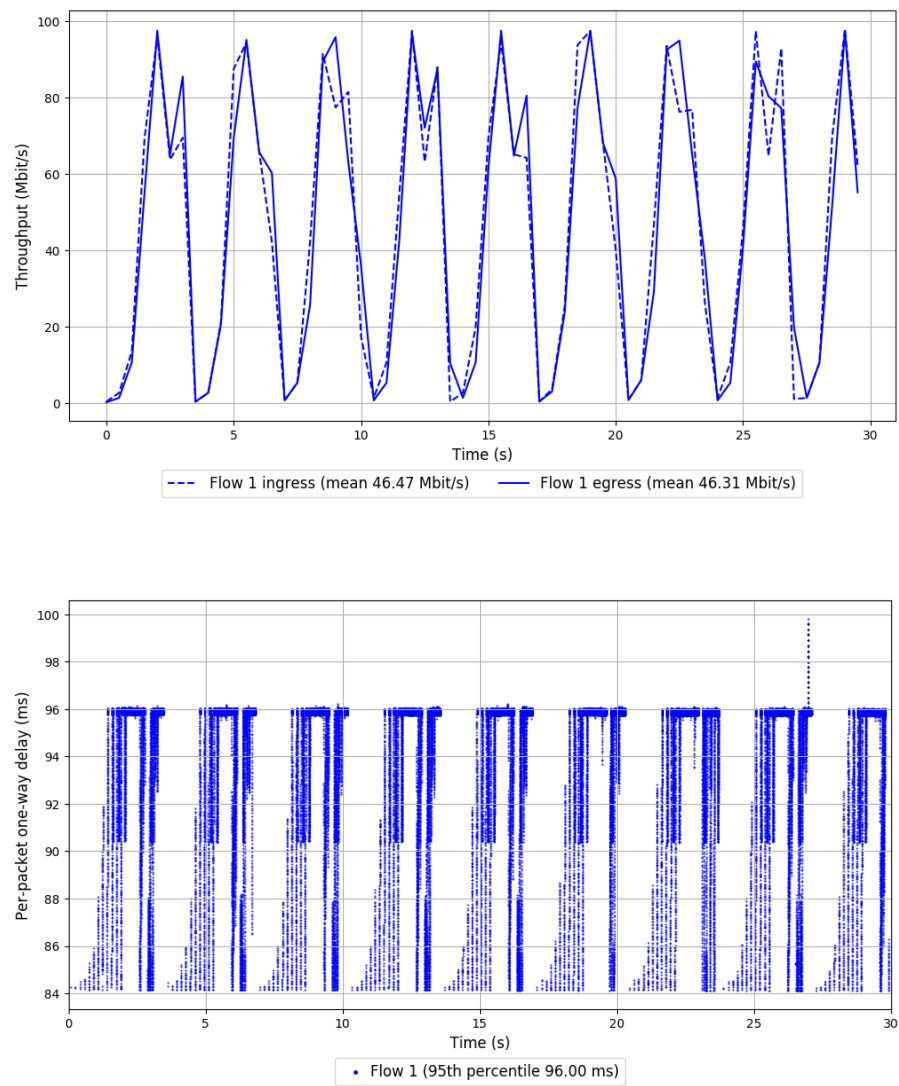


Run 6: Statistics of Verus

Start at: 2018-02-19 23:03:28
End at: 2018-02-19 23:03:58
Local clock offset: -2.711 ms
Remote clock offset: -4.225 ms

Below is generated by plot.py at 2018-02-20 04:43:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 46.31 Mbit/s
95th percentile per-packet one-way delay: 95.998 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 46.31 Mbit/s
95th percentile per-packet one-way delay: 95.998 ms
Loss rate: 0.91%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: 2018-02-19 23:25:30

End at: 2018-02-19 23:26:00

Local clock offset: -1.477 ms

Remote clock offset: 1.363 ms

Below is generated by plot.py at 2018-02-20 04:43:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 45.42 Mbit/s

95th percentile per-packet one-way delay: 92.282 ms

Loss rate: 0.35%

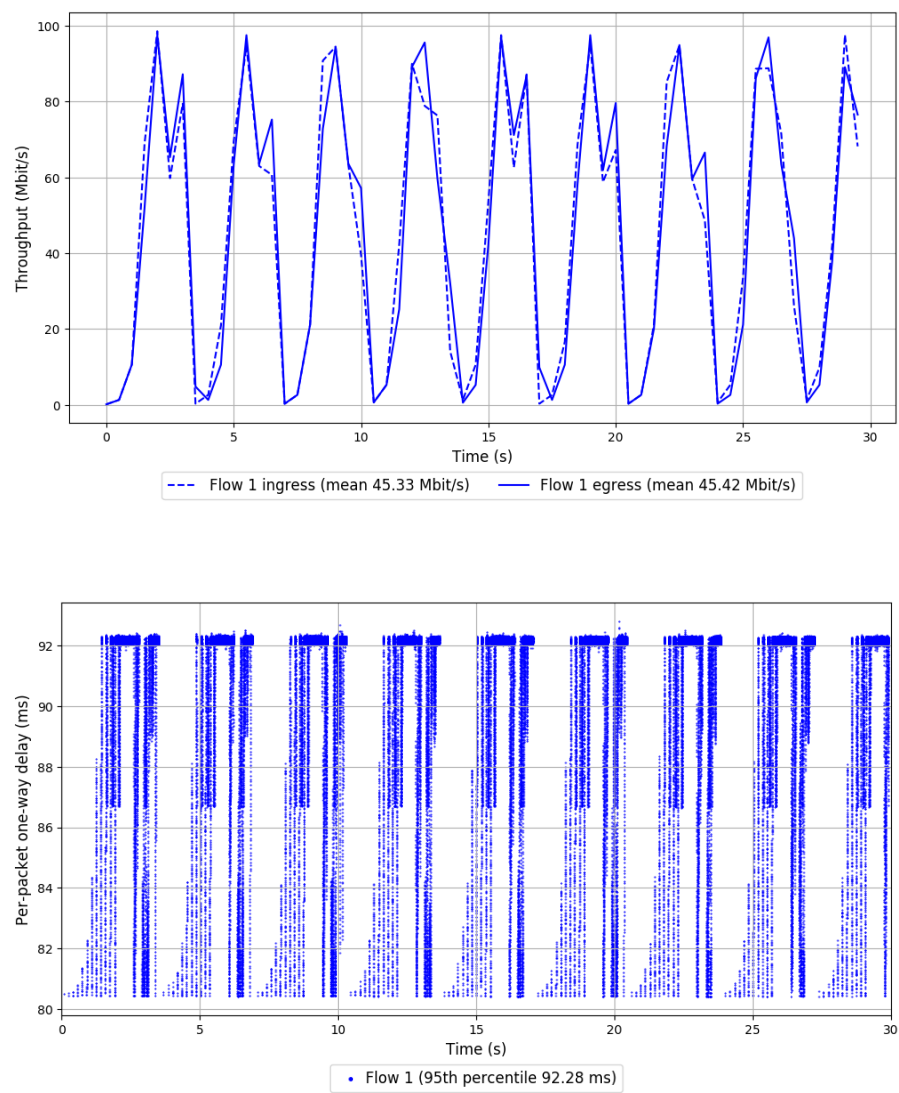
-- Flow 1:

Average throughput: 45.42 Mbit/s

95th percentile per-packet one-way delay: 92.282 ms

Loss rate: 0.35%

Run 7: Report of Verus — Data Link

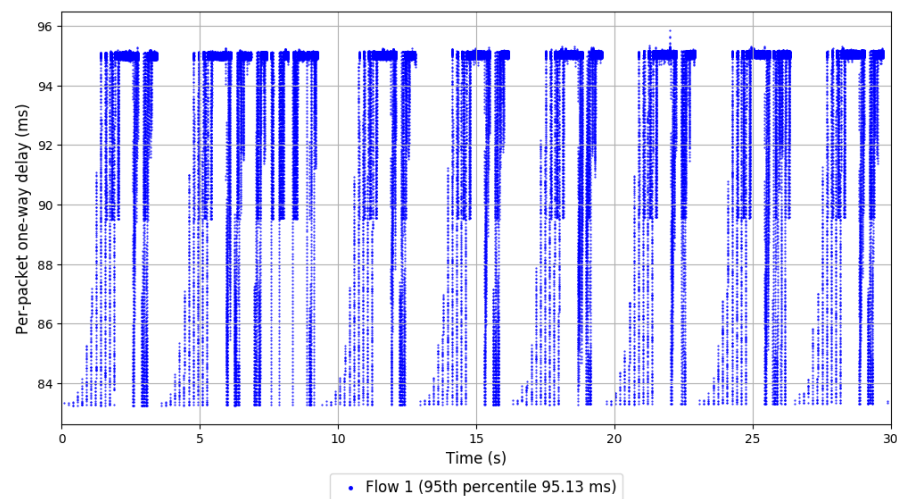
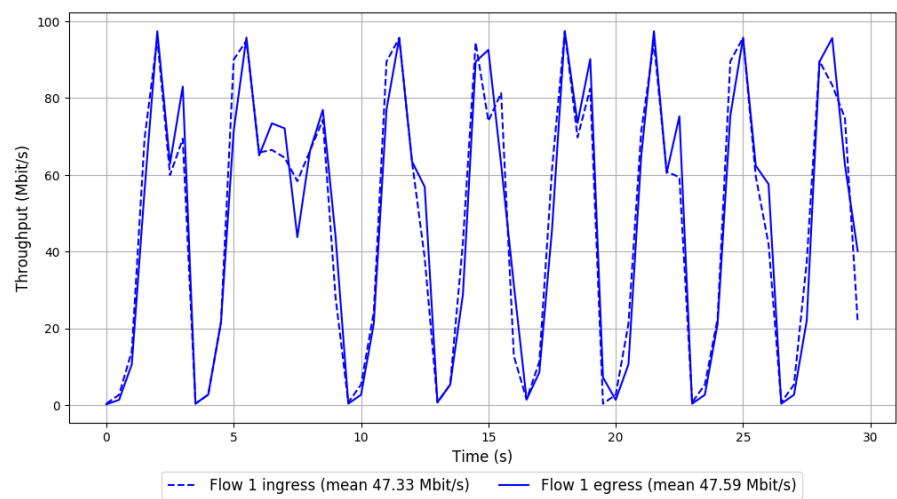


Run 8: Statistics of Verus

Start at: 2018-02-19 23:47:32
End at: 2018-02-19 23:48:02
Local clock offset: -5.244 ms
Remote clock offset: -3.566 ms

Below is generated by plot.py at 2018-02-20 04:43:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 47.59 Mbit/s
95th percentile per-packet one-way delay: 95.130 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 47.59 Mbit/s
95th percentile per-packet one-way delay: 95.130 ms
Loss rate: 0.00%

Run 8: Report of Verus — Data Link

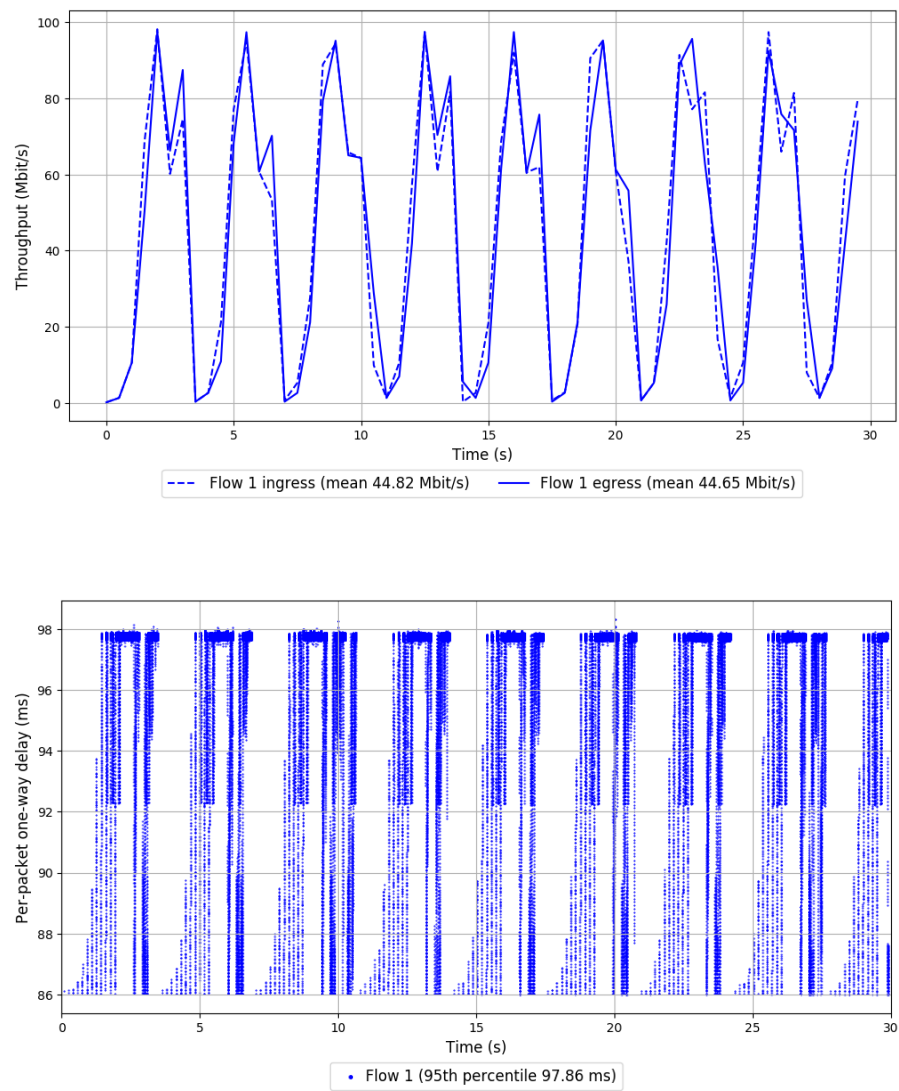


Run 9: Statistics of Verus

Start at: 2018-02-20 00:09:36
End at: 2018-02-20 00:10:06
Local clock offset: -6.847 ms
Remote clock offset: -4.477 ms

Below is generated by plot.py at 2018-02-20 04:43:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 44.65 Mbit/s
95th percentile per-packet one-way delay: 97.856 ms
Loss rate: 0.92%
-- Flow 1:
Average throughput: 44.65 Mbit/s
95th percentile per-packet one-way delay: 97.856 ms
Loss rate: 0.92%

Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

Start at: 2018-02-20 00:31:47

End at: 2018-02-20 00:32:17

Local clock offset: -6.416 ms

Remote clock offset: 1.656 ms

Below is generated by plot.py at 2018-02-20 04:43:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 44.81 Mbit/s

95th percentile per-packet one-way delay: 92.345 ms

Loss rate: 1.21%

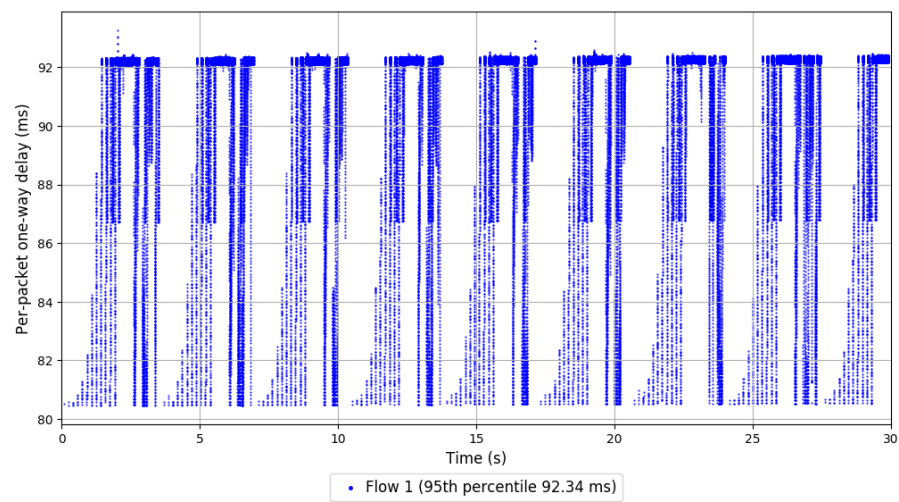
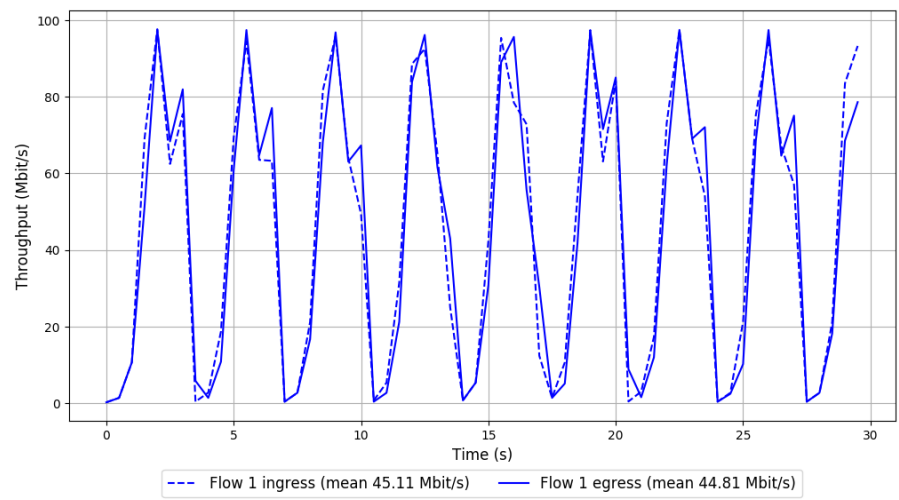
-- Flow 1:

Average throughput: 44.81 Mbit/s

95th percentile per-packet one-way delay: 92.345 ms

Loss rate: 1.21%

Run 10: Report of Verus — Data Link

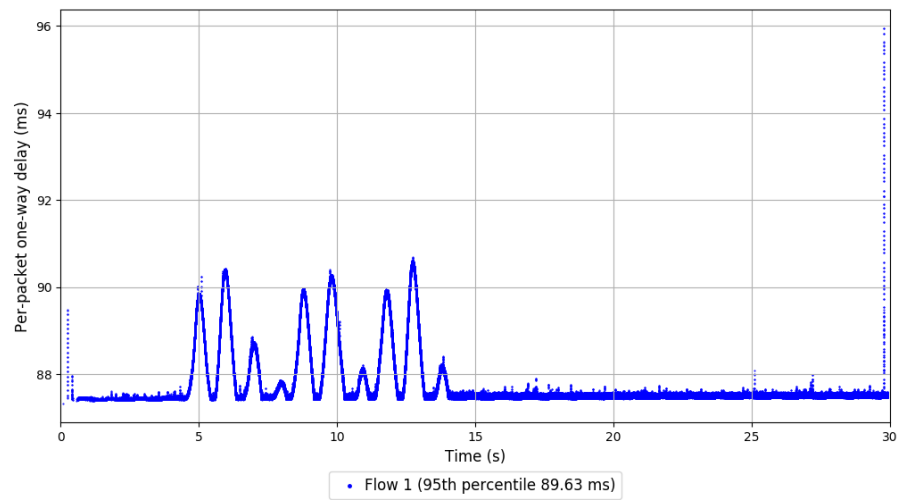
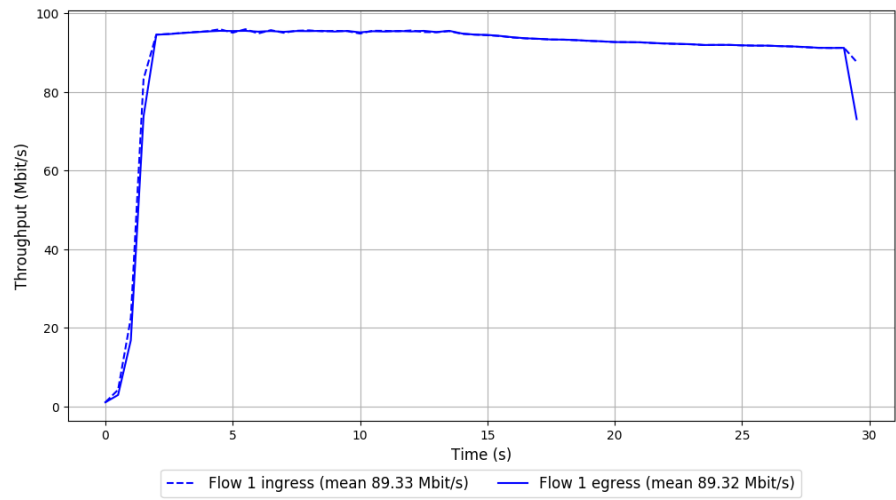


Run 1: Statistics of Copa

Start at: 2018-02-19 21:11:53
End at: 2018-02-19 21:12:23
Local clock offset: -7.585 ms
Remote clock offset: -4.168 ms

Below is generated by plot.py at 2018-02-20 04:45:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.32 Mbit/s
95th percentile per-packet one-way delay: 89.626 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 89.32 Mbit/s
95th percentile per-packet one-way delay: 89.626 ms
Loss rate: 0.57%

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: 2018-02-19 21:33:55

End at: 2018-02-19 21:34:25

Local clock offset: -5.819 ms

Remote clock offset: 1.287 ms

Below is generated by plot.py at 2018-02-20 04:45:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.06 Mbit/s

95th percentile per-packet one-way delay: 81.436 ms

Loss rate: 0.56%

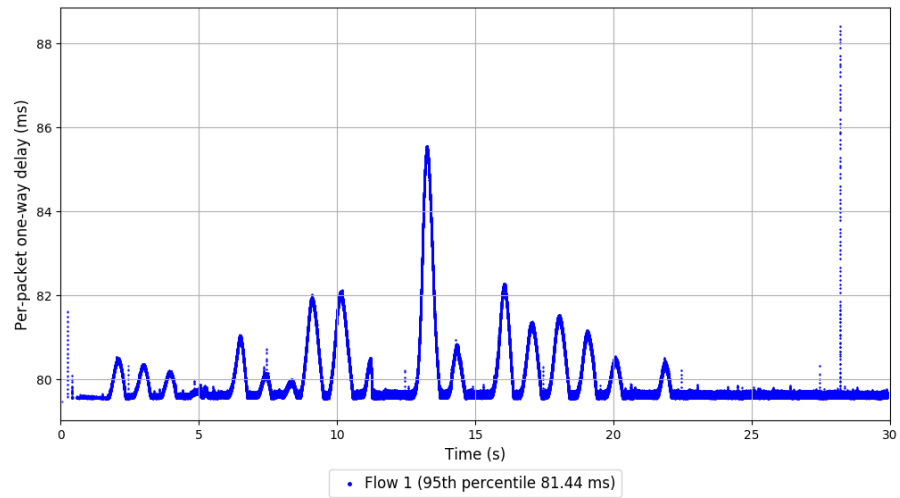
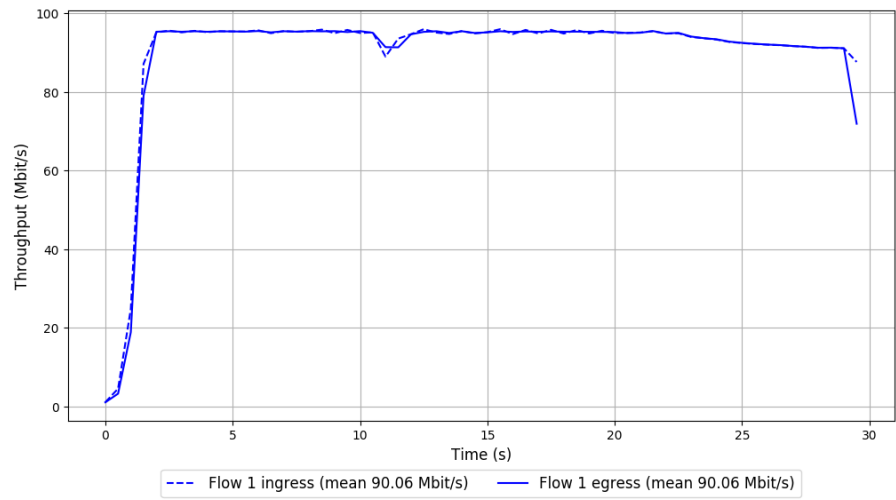
-- Flow 1:

Average throughput: 90.06 Mbit/s

95th percentile per-packet one-way delay: 81.436 ms

Loss rate: 0.56%

Run 2: Report of Copa — Data Link

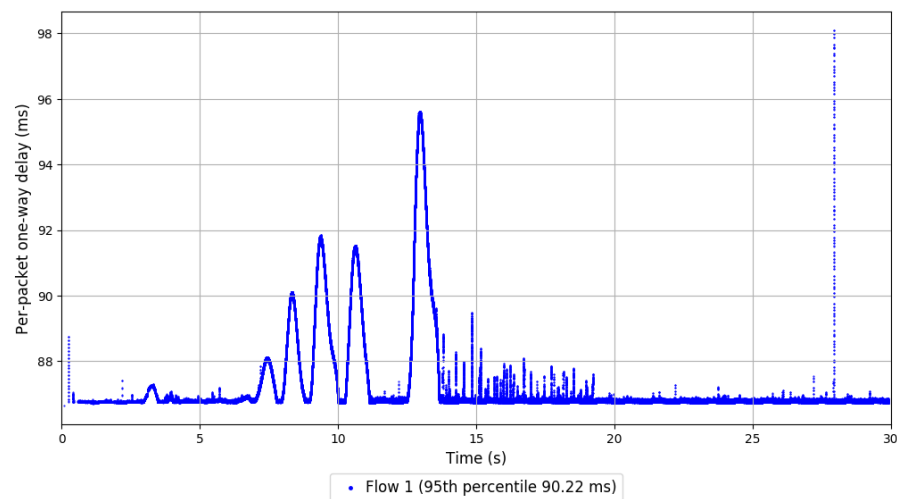
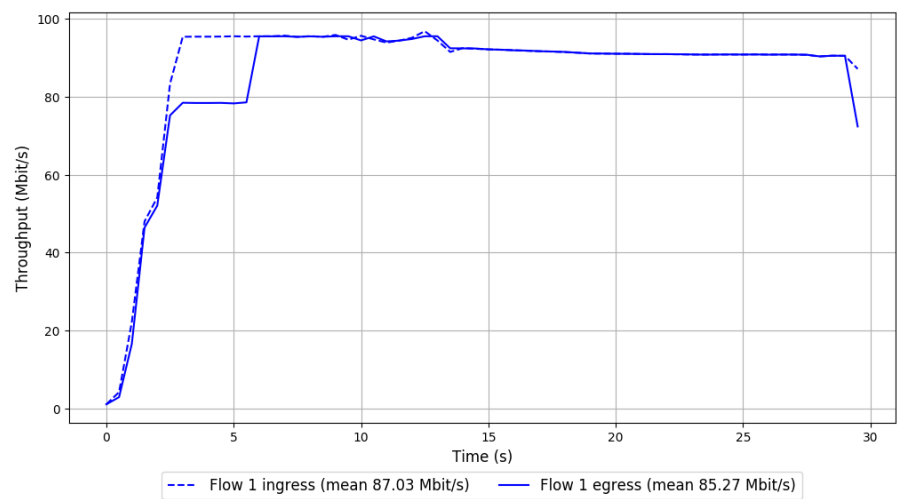


Run 3: Statistics of Copa

Start at: 2018-02-19 21:55:57
End at: 2018-02-19 21:56:27
Local clock offset: -5.767 ms
Remote clock offset: -3.536 ms

Below is generated by plot.py at 2018-02-20 04:45:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 85.27 Mbit/s
95th percentile per-packet one-way delay: 90.224 ms
Loss rate: 2.58%
-- Flow 1:
Average throughput: 85.27 Mbit/s
95th percentile per-packet one-way delay: 90.224 ms
Loss rate: 2.58%

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: 2018-02-19 22:17:59

End at: 2018-02-19 22:18:29

Local clock offset: -5.871 ms

Remote clock offset: 1.292 ms

Below is generated by plot.py at 2018-02-20 04:46:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.05 Mbit/s

95th percentile per-packet one-way delay: 82.924 ms

Loss rate: 0.56%

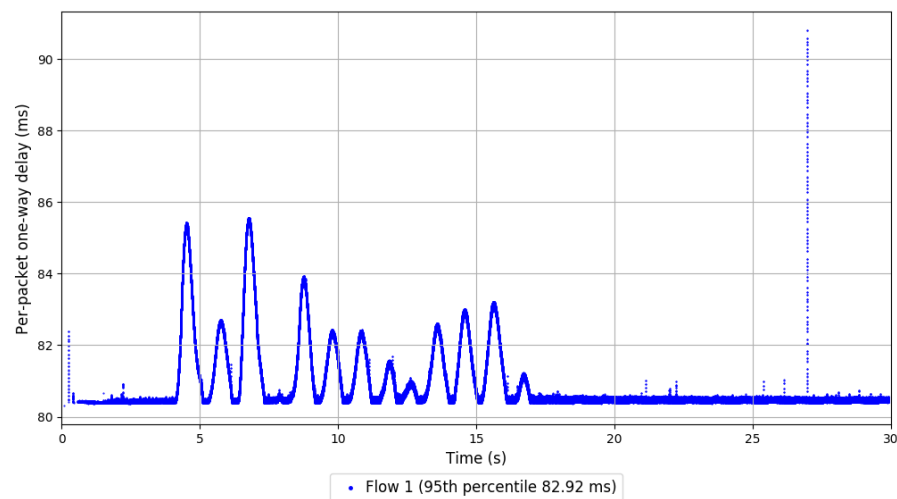
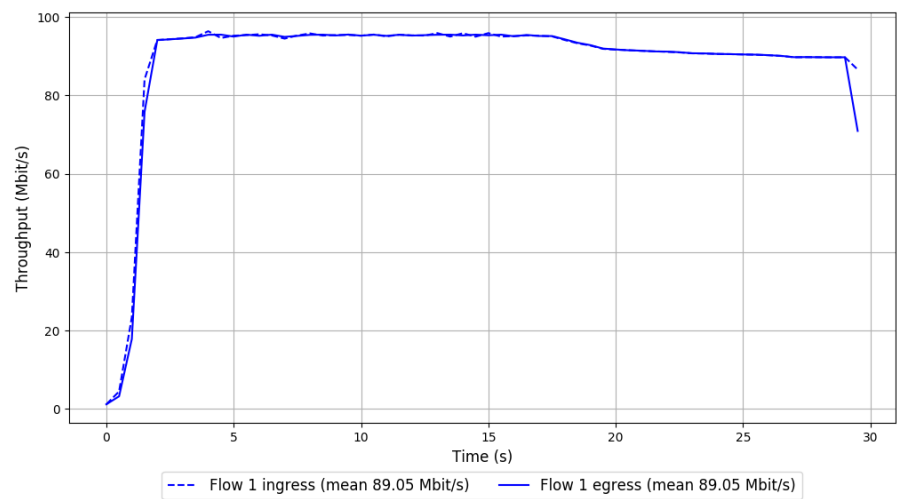
-- Flow 1:

Average throughput: 89.05 Mbit/s

95th percentile per-packet one-way delay: 82.924 ms

Loss rate: 0.56%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: 2018-02-19 22:40:03

End at: 2018-02-19 22:40:33

Local clock offset: -3.84 ms

Remote clock offset: 1.215 ms

Below is generated by plot.py at 2018-02-20 04:46:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 74.90 Mbit/s

95th percentile per-packet one-way delay: 80.504 ms

Loss rate: 13.78%

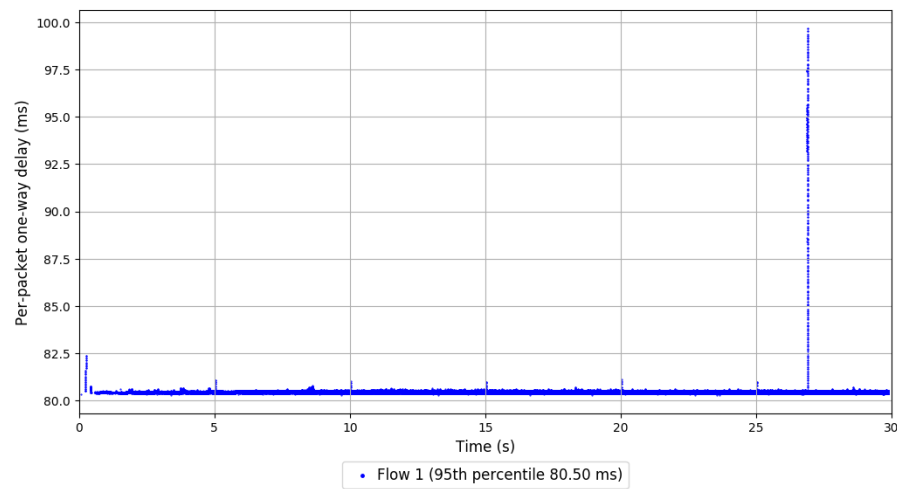
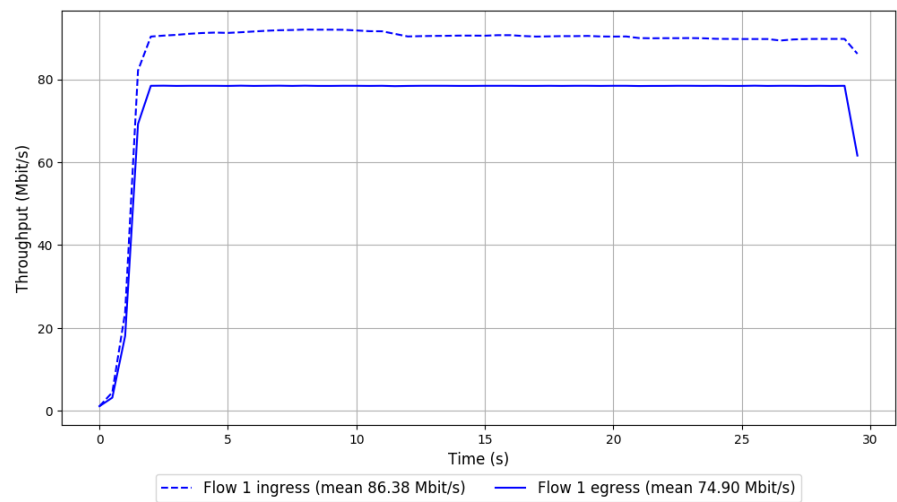
-- Flow 1:

Average throughput: 74.90 Mbit/s

95th percentile per-packet one-way delay: 80.504 ms

Loss rate: 13.78%

Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: 2018-02-19 23:02:11

End at: 2018-02-19 23:02:41

Local clock offset: -2.759 ms

Remote clock offset: 1.476 ms

Below is generated by plot.py at 2018-02-20 04:46:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.71 Mbit/s

95th percentile per-packet one-way delay: 85.257 ms

Loss rate: 0.56%

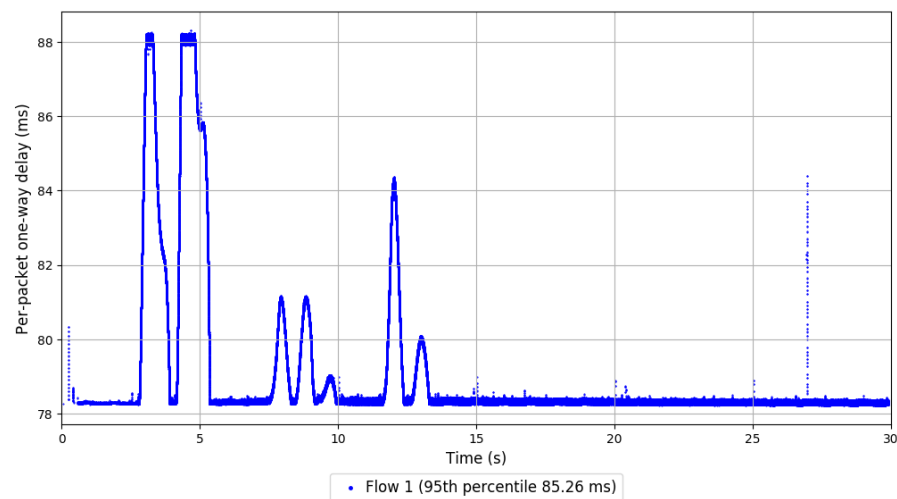
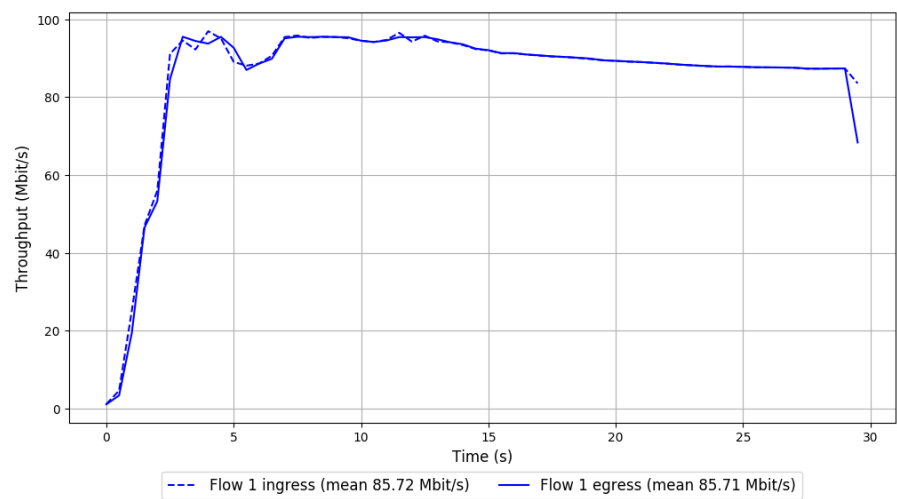
-- Flow 1:

Average throughput: 85.71 Mbit/s

95th percentile per-packet one-way delay: 85.257 ms

Loss rate: 0.56%

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

Start at: 2018-02-19 23:24:13

End at: 2018-02-19 23:24:43

Local clock offset: -1.516 ms

Remote clock offset: 0.624 ms

Below is generated by plot.py at 2018-02-20 04:46:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.98 Mbit/s

95th percentile per-packet one-way delay: 86.318 ms

Loss rate: 0.58%

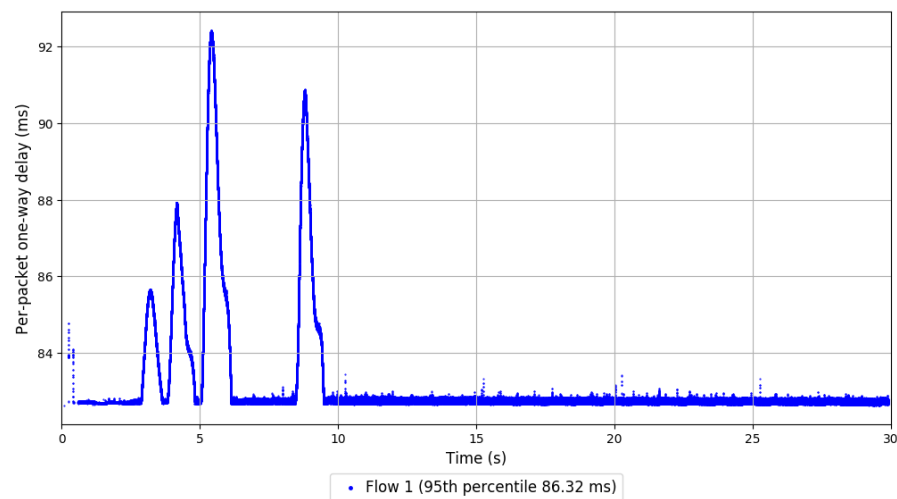
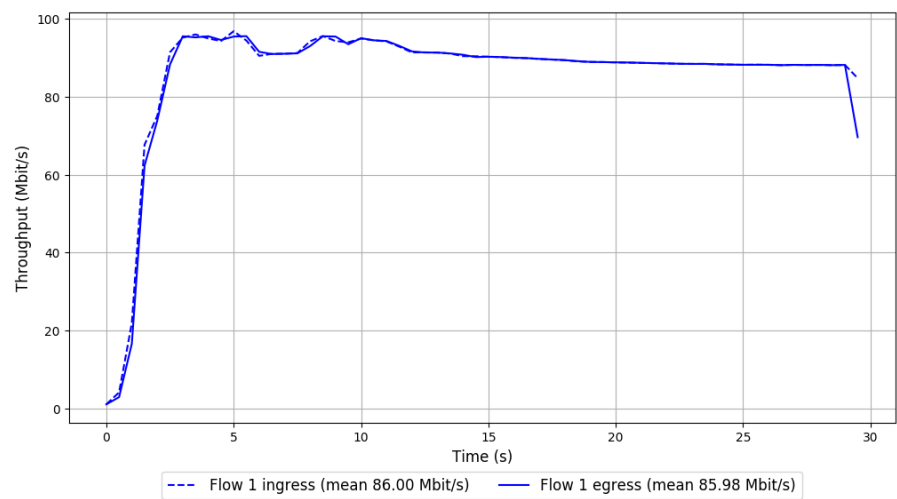
-- Flow 1:

Average throughput: 85.98 Mbit/s

95th percentile per-packet one-way delay: 86.318 ms

Loss rate: 0.58%

Run 7: Report of Copa — Data Link

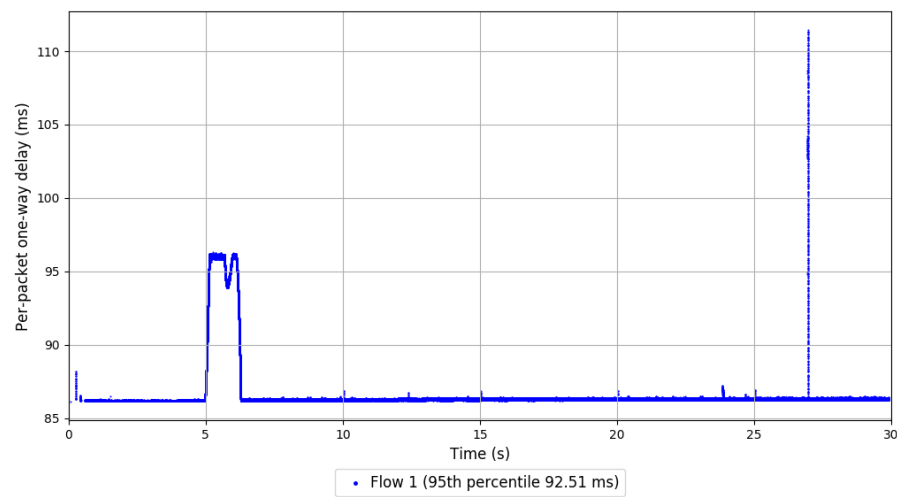
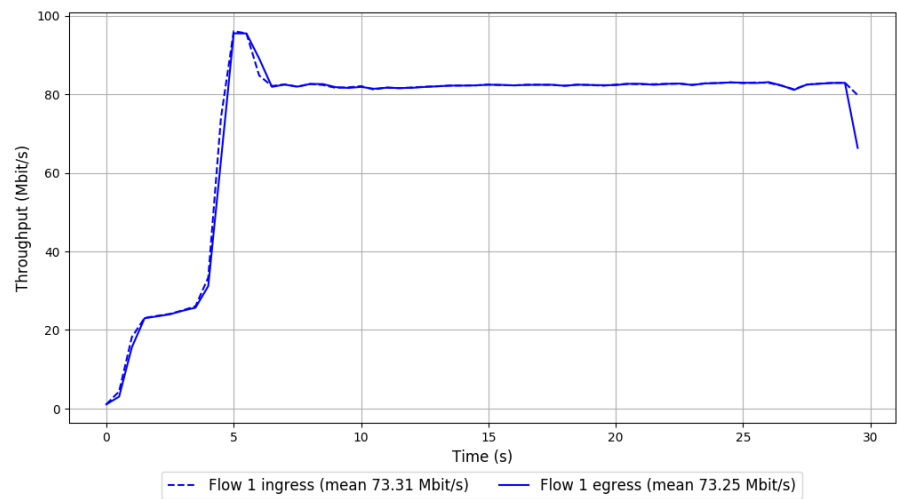


Run 8: Statistics of Copa

Start at: 2018-02-19 23:46:16
End at: 2018-02-19 23:46:46
Local clock offset: -5.025 ms
Remote clock offset: -4.416 ms

Below is generated by plot.py at 2018-02-20 04:46:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 73.25 Mbit/s
95th percentile per-packet one-way delay: 92.506 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 73.25 Mbit/s
95th percentile per-packet one-way delay: 92.506 ms
Loss rate: 0.63%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: 2018-02-20 00:08:18

End at: 2018-02-20 00:08:48

Local clock offset: -6.912 ms

Remote clock offset: 1.157 ms

Below is generated by plot.py at 2018-02-20 04:47:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.99 Mbit/s

95th percentile per-packet one-way delay: 80.372 ms

Loss rate: 0.57%

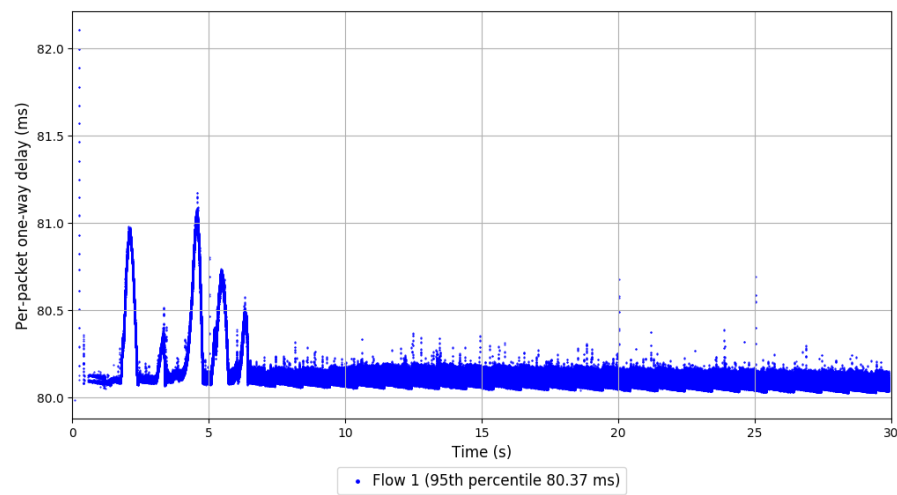
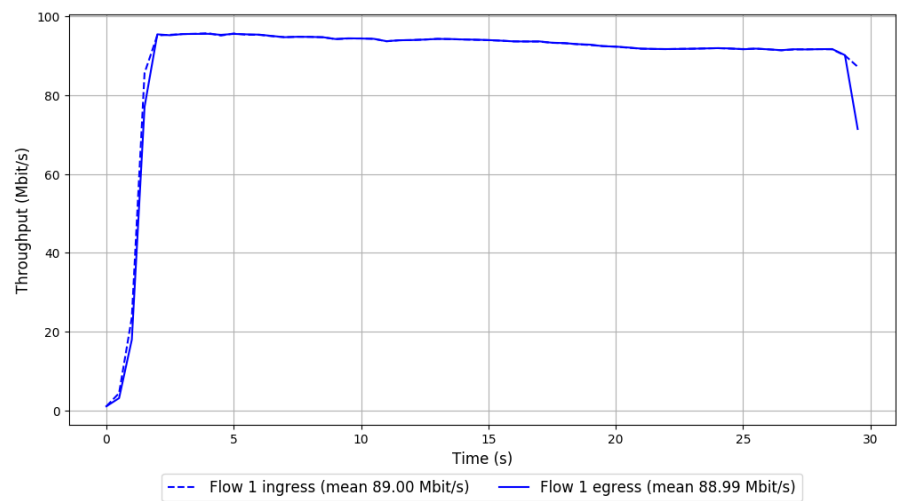
-- Flow 1:

Average throughput: 88.99 Mbit/s

95th percentile per-packet one-way delay: 80.372 ms

Loss rate: 0.57%

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: 2018-02-20 00:30:31

End at: 2018-02-20 00:31:01

Local clock offset: -6.398 ms

Remote clock offset: 1.443 ms

Below is generated by plot.py at 2018-02-20 04:47:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 70.49 Mbit/s

95th percentile per-packet one-way delay: 78.914 ms

Loss rate: 0.62%

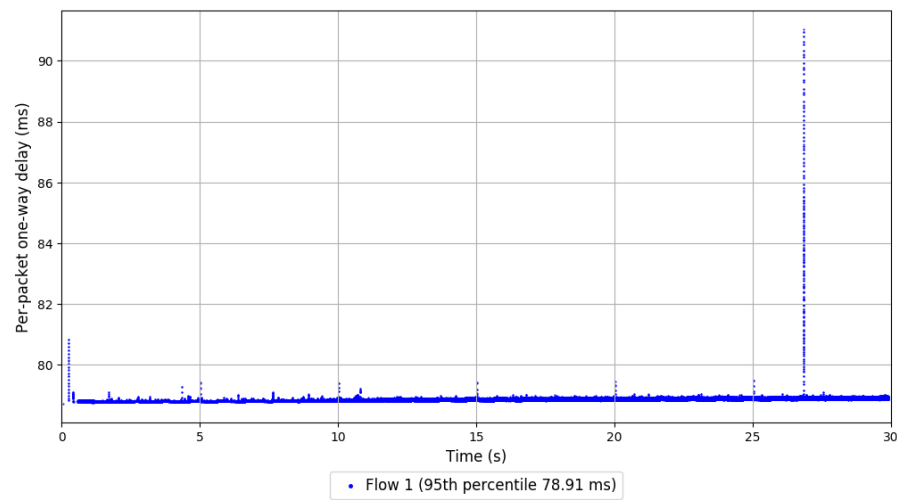
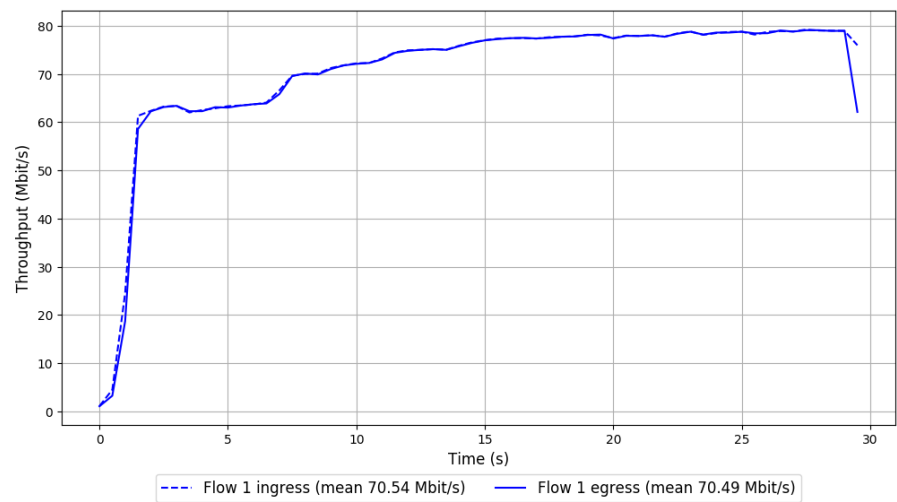
-- Flow 1:

Average throughput: 70.49 Mbit/s

95th percentile per-packet one-way delay: 78.914 ms

Loss rate: 0.62%

Run 10: Report of Copa — Data Link



Run 1: Statistics of FillP

Start at: 2018-02-19 21:14:24

End at: 2018-02-19 21:14:54

Local clock offset: -7.817 ms

Remote clock offset: 2.462 ms

Below is generated by plot.py at 2018-02-20 04:47:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.83 Mbit/s

95th percentile per-packet one-way delay: 88.570 ms

Loss rate: 0.58%

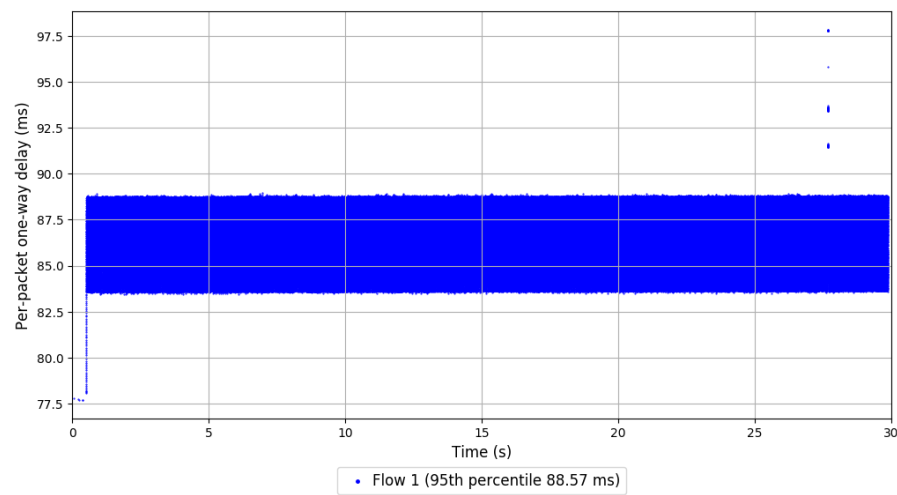
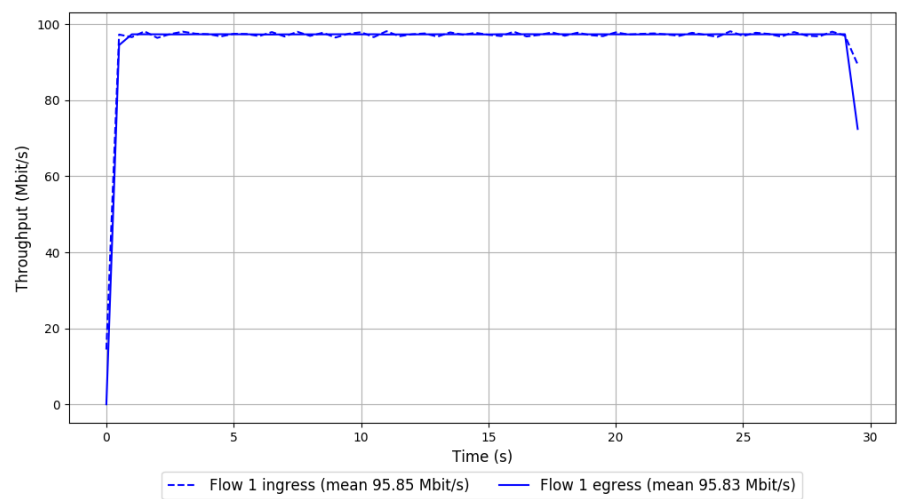
-- Flow 1:

Average throughput: 95.83 Mbit/s

95th percentile per-packet one-way delay: 88.570 ms

Loss rate: 0.58%

Run 1: Report of FillP — Data Link



Run 2: Statistics of FillP

Start at: 2018-02-19 21:36:25

End at: 2018-02-19 21:36:55

Local clock offset: -5.771 ms

Remote clock offset: -2.66 ms

Below is generated by plot.py at 2018-02-20 04:47:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.82 Mbit/s

95th percentile per-packet one-way delay: 95.380 ms

Loss rate: 0.60%

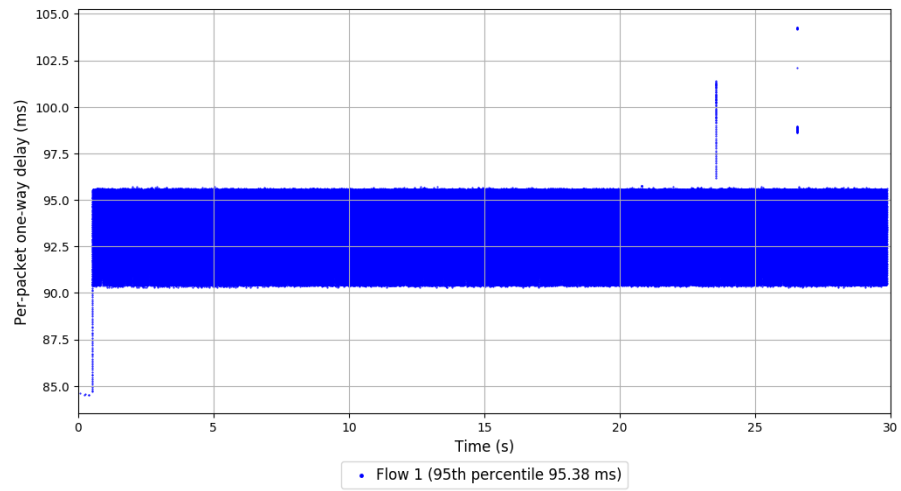
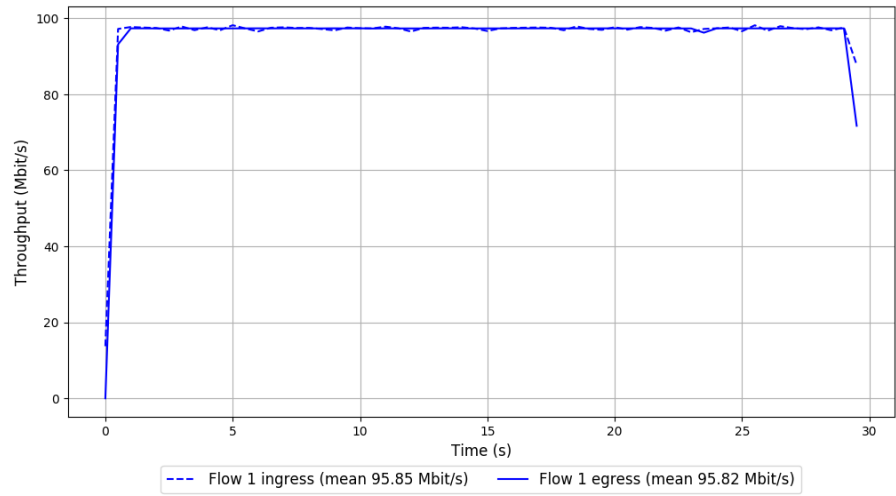
-- Flow 1:

Average throughput: 95.82 Mbit/s

95th percentile per-packet one-way delay: 95.380 ms

Loss rate: 0.60%

Run 2: Report of FillP — Data Link

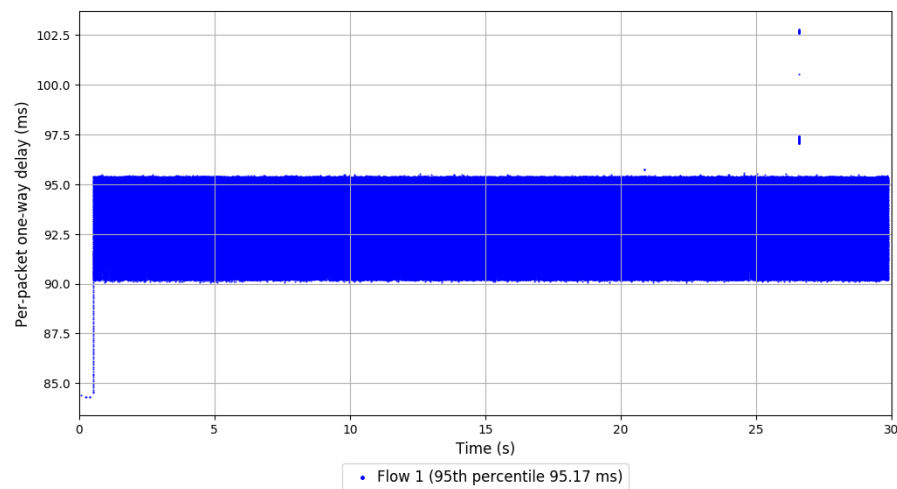
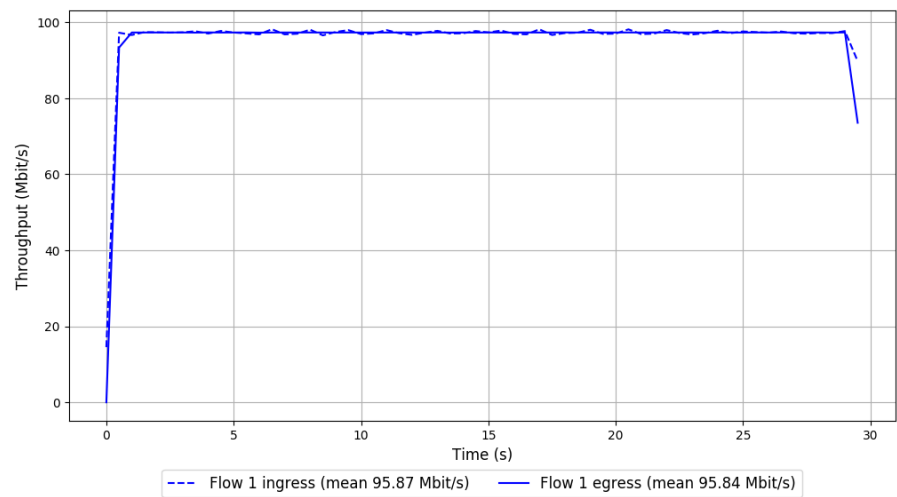


Run 3: Statistics of FillP

Start at: 2018-02-19 21:58:27
End at: 2018-02-19 21:58:57
Local clock offset: -5.745 ms
Remote clock offset: -4.452 ms

Below is generated by plot.py at 2018-02-20 04:47:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.84 Mbit/s
95th percentile per-packet one-way delay: 95.168 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 95.84 Mbit/s
95th percentile per-packet one-way delay: 95.168 ms
Loss rate: 0.60%

Run 3: Report of FillP — Data Link

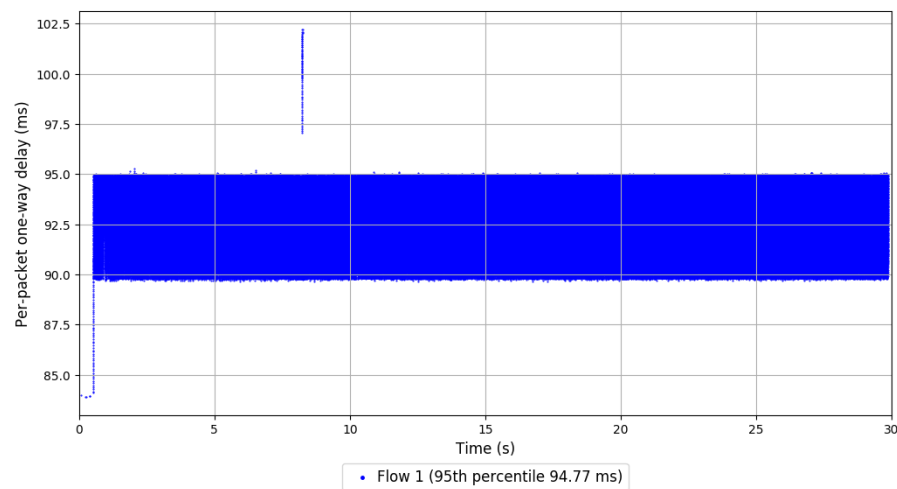
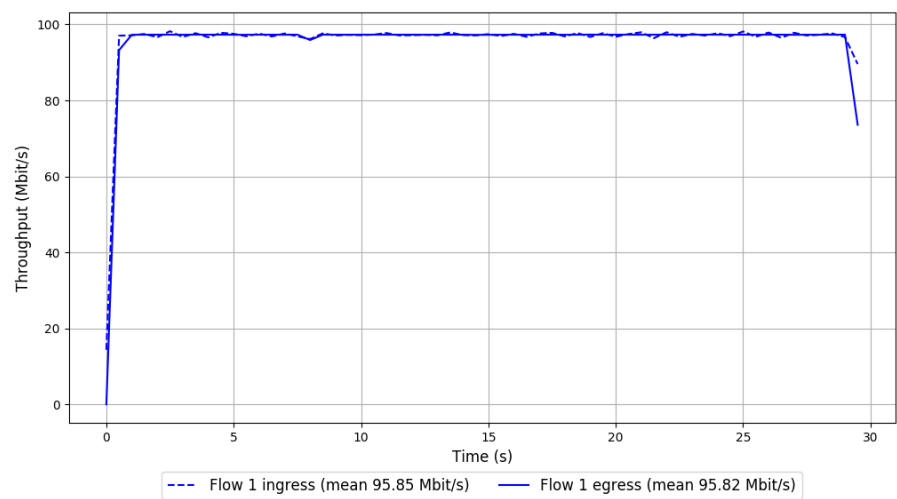


Run 4: Statistics of FillP

Start at: 2018-02-19 22:20:29
End at: 2018-02-19 22:20:59
Local clock offset: -5.96 ms
Remote clock offset: -4.326 ms

Below is generated by plot.py at 2018-02-20 04:47:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.82 Mbit/s
95th percentile per-packet one-way delay: 94.769 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 95.82 Mbit/s
95th percentile per-packet one-way delay: 94.769 ms
Loss rate: 0.59%

Run 4: Report of FillP — Data Link



Run 5: Statistics of FillP

Start at: 2018-02-19 22:42:33

End at: 2018-02-19 22:43:03

Local clock offset: -3.663 ms

Remote clock offset: 1.343 ms

Below is generated by plot.py at 2018-02-20 04:47:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.15 Mbit/s

95th percentile per-packet one-way delay: 89.313 ms

Loss rate: 1.32%

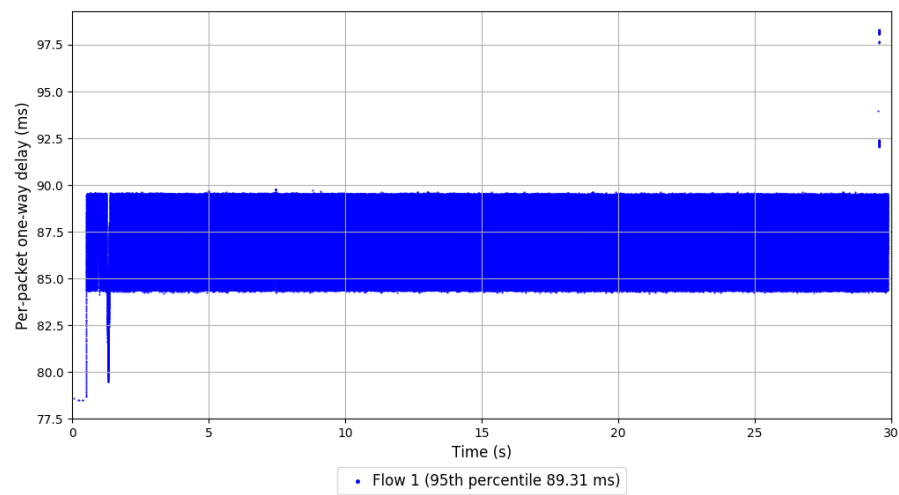
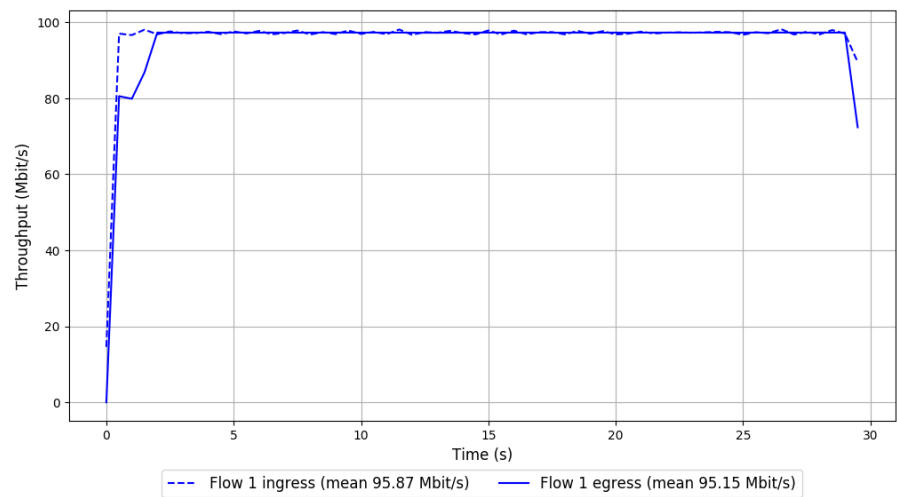
-- Flow 1:

Average throughput: 95.15 Mbit/s

95th percentile per-packet one-way delay: 89.313 ms

Loss rate: 1.32%

Run 5: Report of FillP — Data Link

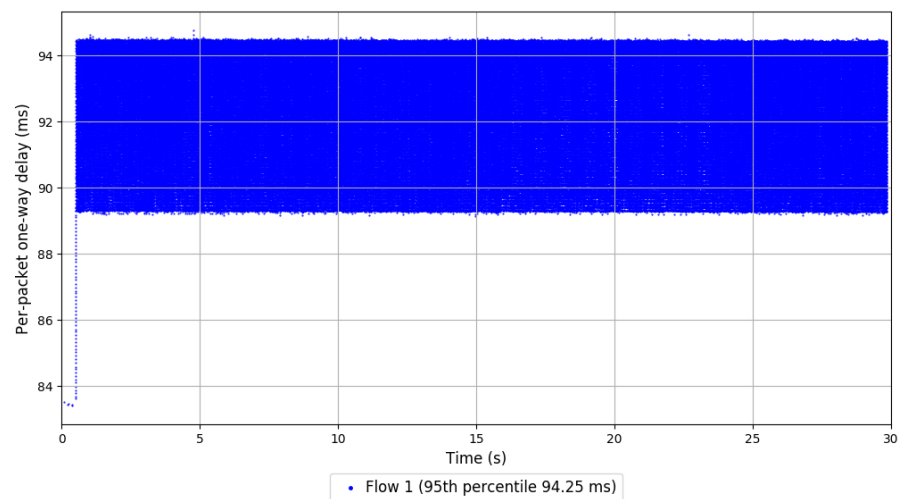
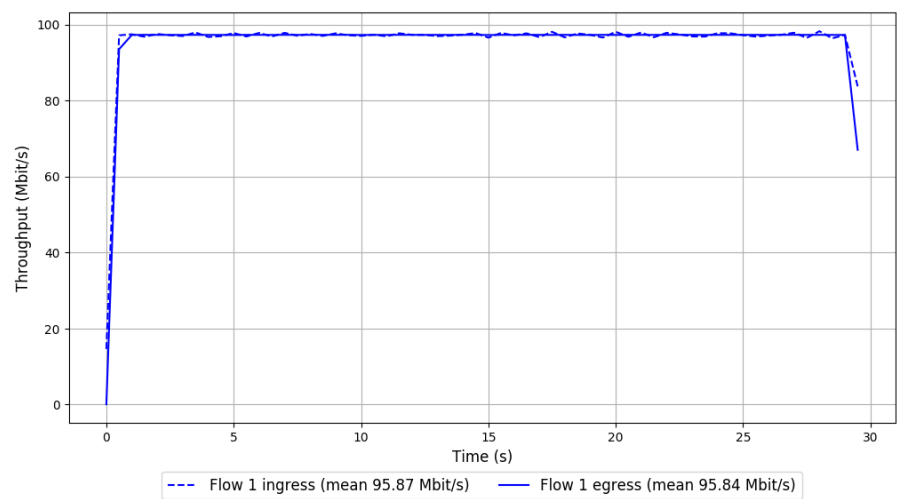


Run 6: Statistics of FillP

Start at: 2018-02-19 23:04:41
End at: 2018-02-19 23:05:11
Local clock offset: -2.541 ms
Remote clock offset: -3.424 ms

Below is generated by plot.py at 2018-02-20 04:47:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.84 Mbit/s
95th percentile per-packet one-way delay: 94.250 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 95.84 Mbit/s
95th percentile per-packet one-way delay: 94.250 ms
Loss rate: 0.60%

Run 6: Report of FillP — Data Link



Run 7: Statistics of FillP

Start at: 2018-02-19 23:26:43

End at: 2018-02-19 23:27:13

Local clock offset: -1.504 ms

Remote clock offset: 0.562 ms

Below is generated by plot.py at 2018-02-20 04:48:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.84 Mbit/s

95th percentile per-packet one-way delay: 90.145 ms

Loss rate: 0.59%

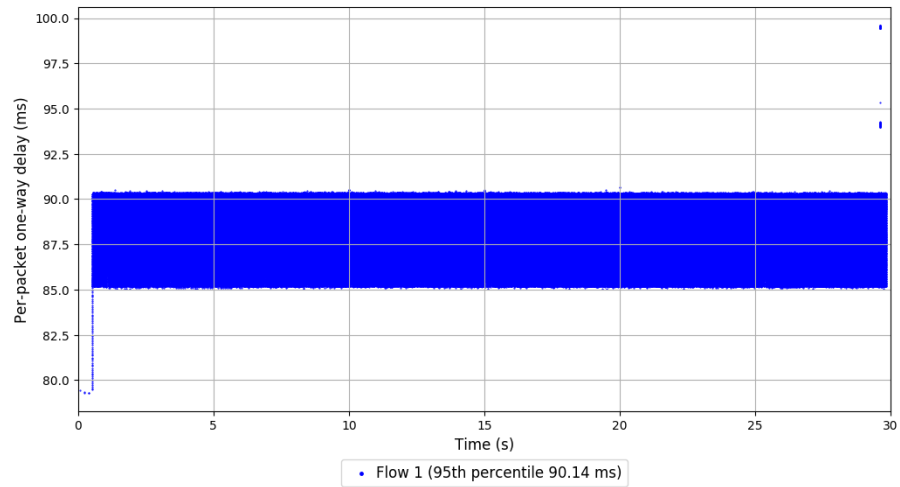
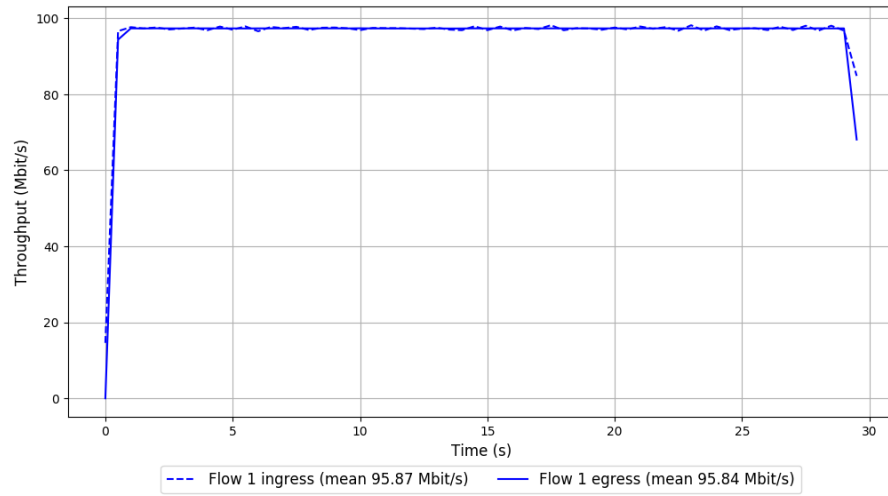
-- Flow 1:

Average throughput: 95.84 Mbit/s

95th percentile per-packet one-way delay: 90.145 ms

Loss rate: 0.59%

Run 7: Report of FillP — Data Link



Run 8: Statistics of FillP

Start at: 2018-02-19 23:48:45

End at: 2018-02-19 23:49:15

Local clock offset: -5.471 ms

Remote clock offset: 2.129 ms

Below is generated by plot.py at 2018-02-20 04:48:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.76 Mbit/s

95th percentile per-packet one-way delay: 89.901 ms

Loss rate: 0.60%

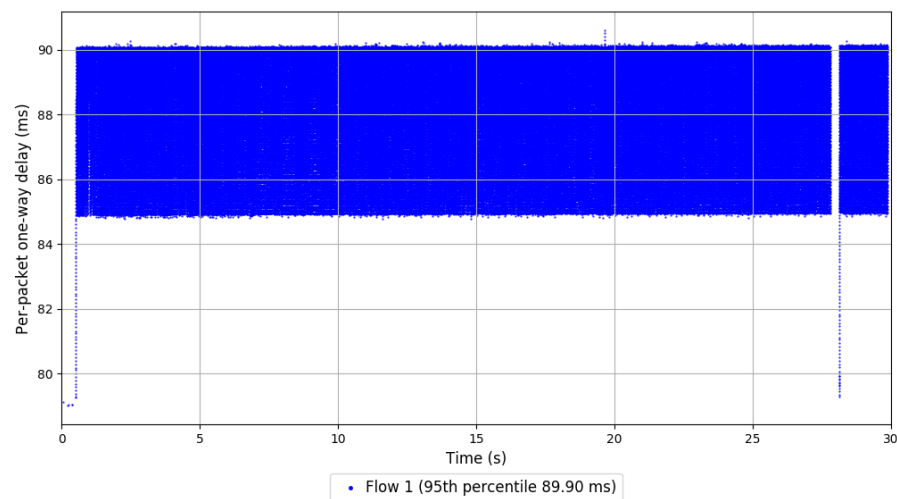
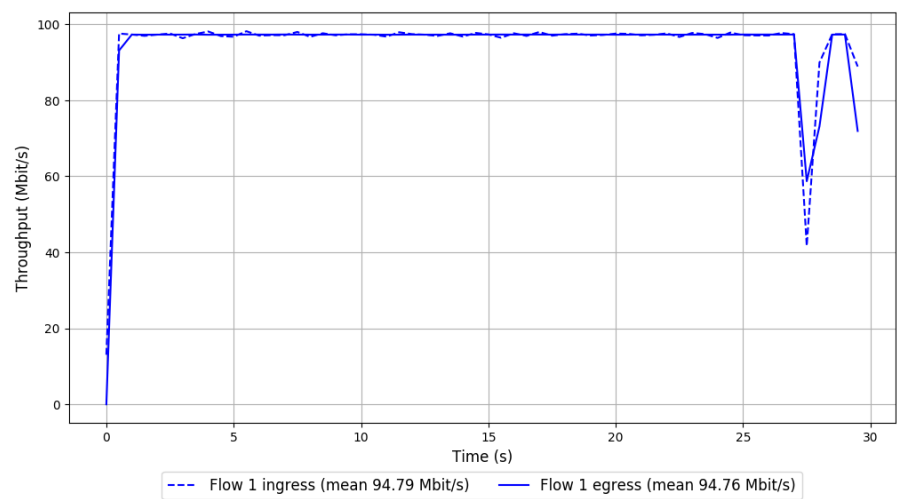
-- Flow 1:

Average throughput: 94.76 Mbit/s

95th percentile per-packet one-way delay: 89.901 ms

Loss rate: 0.60%

Run 8: Report of FillP — Data Link



Run 9: Statistics of FillP

Start at: 2018-02-20 00:10:49

End at: 2018-02-20 00:11:19

Local clock offset: -6.813 ms

Remote clock offset: 0.299 ms

Below is generated by plot.py at 2018-02-20 04:48:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.82 Mbit/s

95th percentile per-packet one-way delay: 91.679 ms

Loss rate: 0.60%

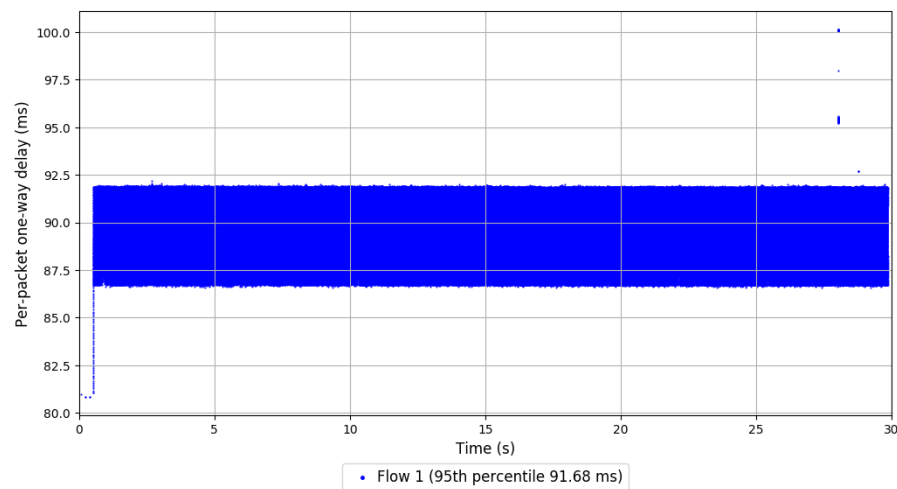
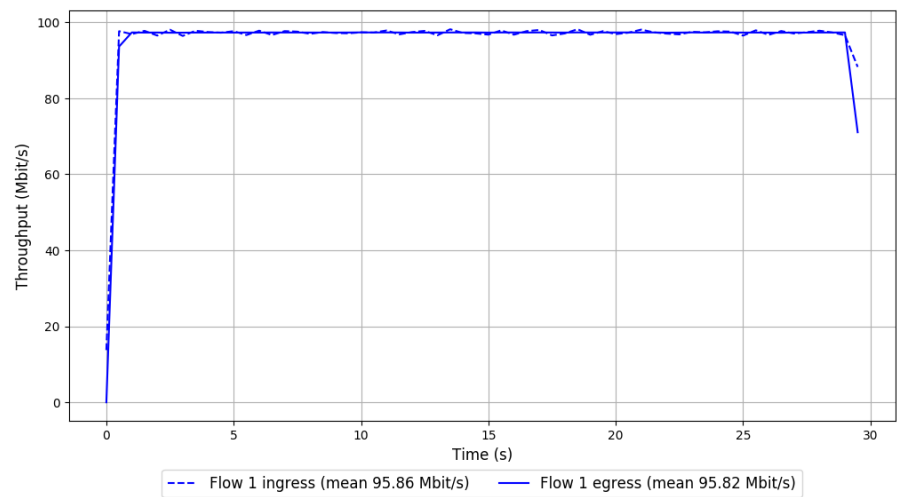
-- Flow 1:

Average throughput: 95.82 Mbit/s

95th percentile per-packet one-way delay: 91.679 ms

Loss rate: 0.60%

Run 9: Report of FillP — Data Link



Run 10: Statistics of FillP

Start at: 2018-02-20 00:33:00

End at: 2018-02-20 00:33:30

Local clock offset: -6.415 ms

Remote clock offset: 2.734 ms

Below is generated by plot.py at 2018-02-20 04:48:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.84 Mbit/s

95th percentile per-packet one-way delay: 88.479 ms

Loss rate: 0.58%

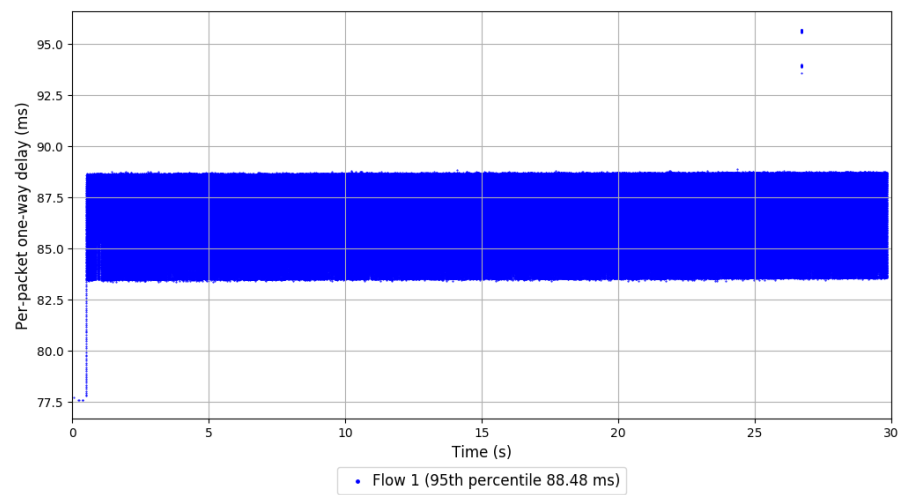
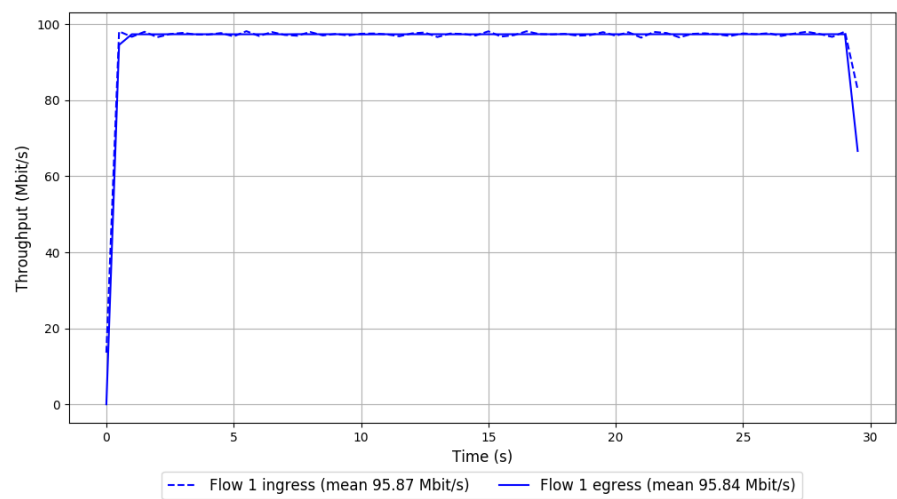
-- Flow 1:

Average throughput: 95.84 Mbit/s

95th percentile per-packet one-way delay: 88.479 ms

Loss rate: 0.58%

Run 10: Report of FillP — Data Link

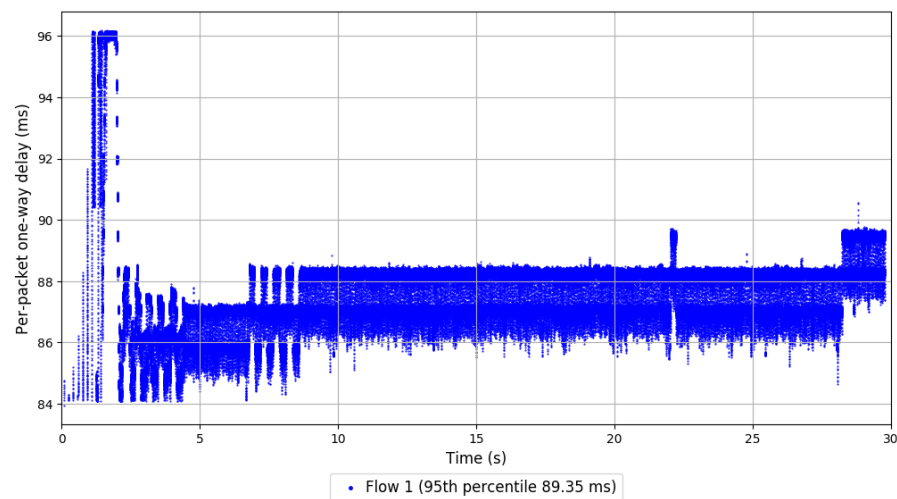
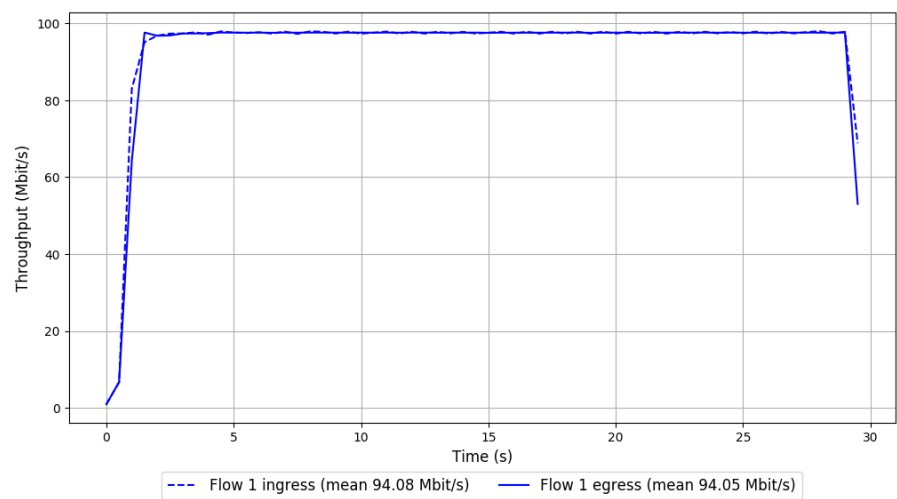


```
Run 1: Statistics of Indigo-1-32

Start at: 2018-02-19 21:25:21
End at: 2018-02-19 21:25:51
Local clock offset: -6.342 ms
Remote clock offset: -3.712 ms

# Below is generated by plot.py at 2018-02-20 04:48:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.05 Mbit/s
95th percentile per-packet one-way delay: 89.354 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 94.05 Mbit/s
95th percentile per-packet one-way delay: 89.354 ms
Loss rate: 0.59%
```

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



Run 2: Statistics of Indigo-1-32

Start at: 2018-02-19 21:47:23

End at: 2018-02-19 21:47:53

Local clock offset: -5.747 ms

Remote clock offset: 2.371 ms

Below is generated by plot.py at 2018-02-20 04:48:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.87 Mbit/s

95th percentile per-packet one-way delay: 87.488 ms

Loss rate: 0.58%

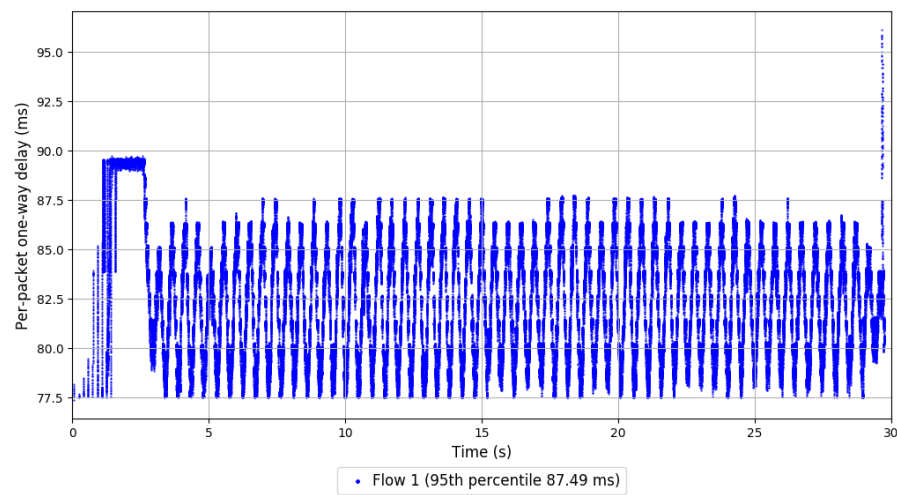
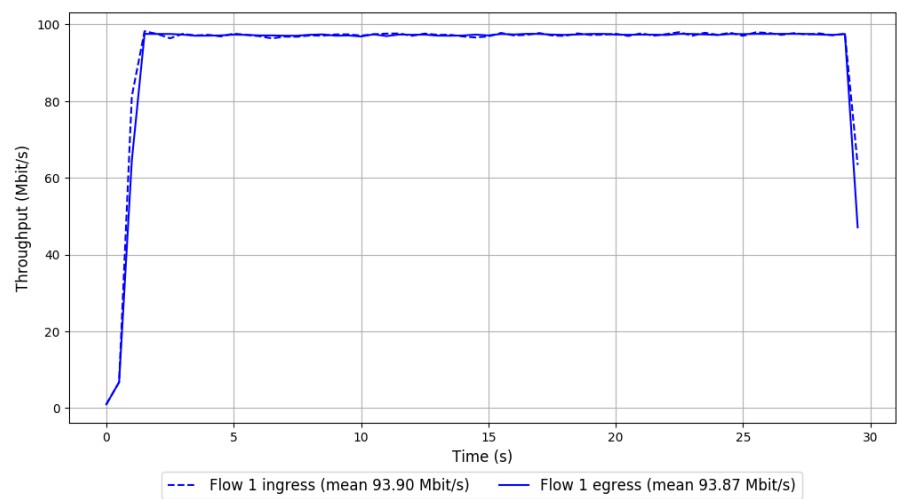
-- Flow 1:

Average throughput: 93.87 Mbit/s

95th percentile per-packet one-way delay: 87.488 ms

Loss rate: 0.58%

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



Run 3: Statistics of Indigo-1-32

Start at: 2018-02-19 22:09:24

End at: 2018-02-19 22:09:55

Local clock offset: -5.867 ms

Remote clock offset: 0.403 ms

Below is generated by plot.py at 2018-02-20 04:49:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.58 Mbit/s

95th percentile per-packet one-way delay: 91.975 ms

Loss rate: 0.59%

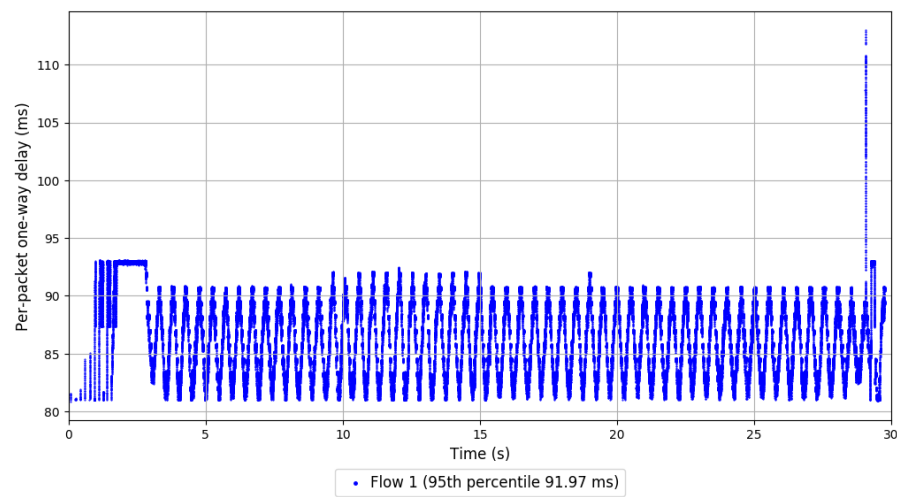
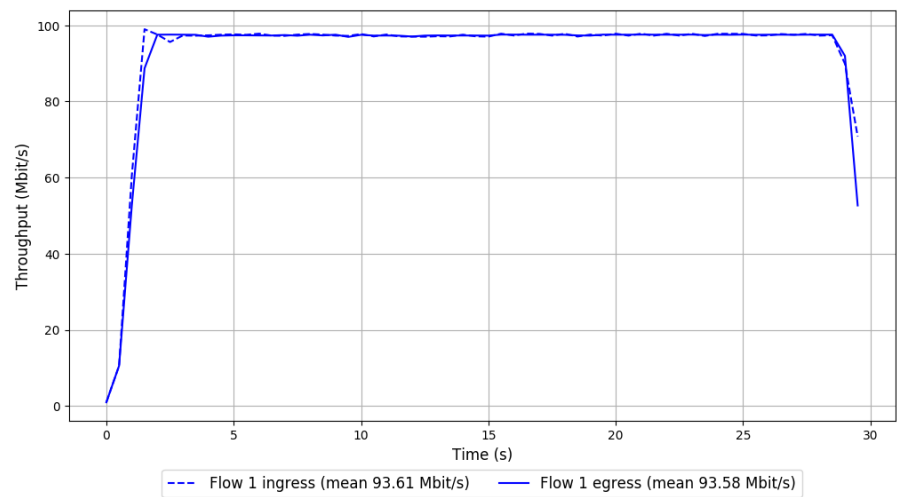
-- Flow 1:

Average throughput: 93.58 Mbit/s

95th percentile per-packet one-way delay: 91.975 ms

Loss rate: 0.59%

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



Run 4: Statistics of Indigo-1-32

Start at: 2018-02-19 22:31:26

End at: 2018-02-19 22:31:56

Local clock offset: -4.82 ms

Remote clock offset: -4.329 ms

Below is generated by plot.py at 2018-02-20 04:49:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.90 Mbit/s

95th percentile per-packet one-way delay: 91.378 ms

Loss rate: 0.59%

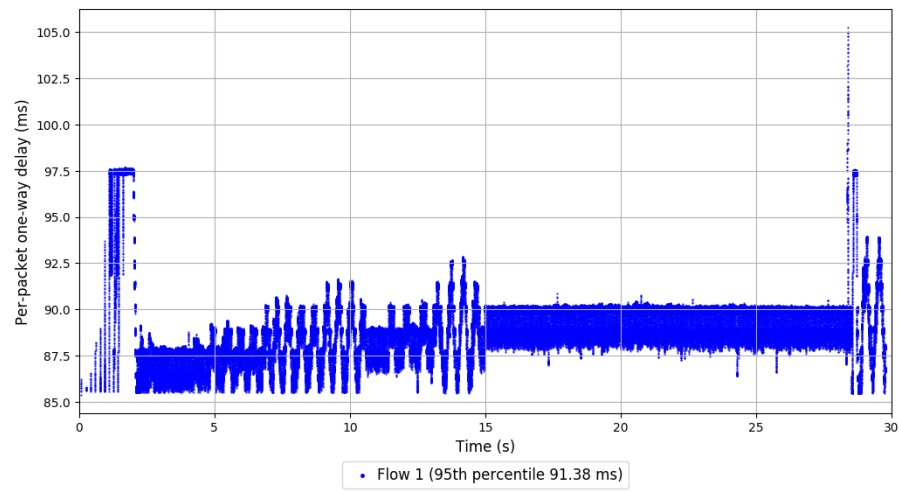
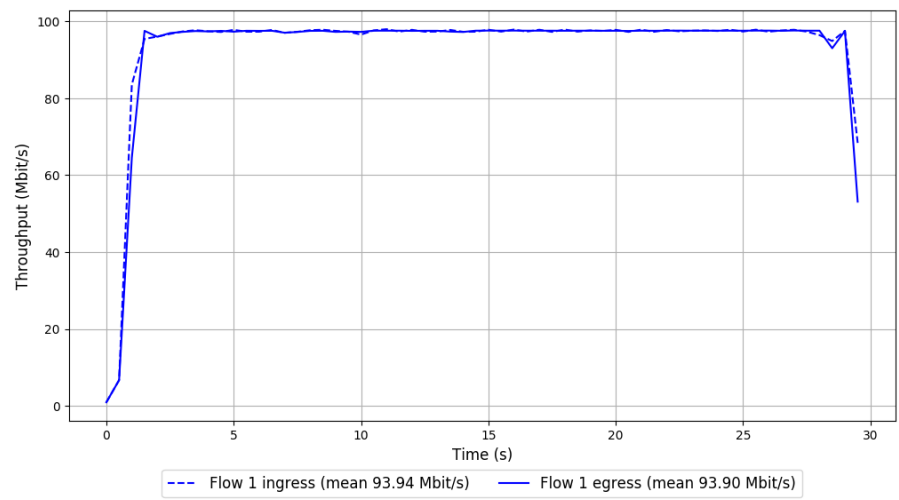
-- Flow 1:

Average throughput: 93.90 Mbit/s

95th percentile per-packet one-way delay: 91.378 ms

Loss rate: 0.59%

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



Run 5: Statistics of Indigo-1-32

Start at: 2018-02-19 22:53:36

End at: 2018-02-19 22:54:06

Local clock offset: -3.116 ms

Remote clock offset: -4.291 ms

Below is generated by plot.py at 2018-02-20 04:50:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.86 Mbit/s

95th percentile per-packet one-way delay: 91.045 ms

Loss rate: 0.58%

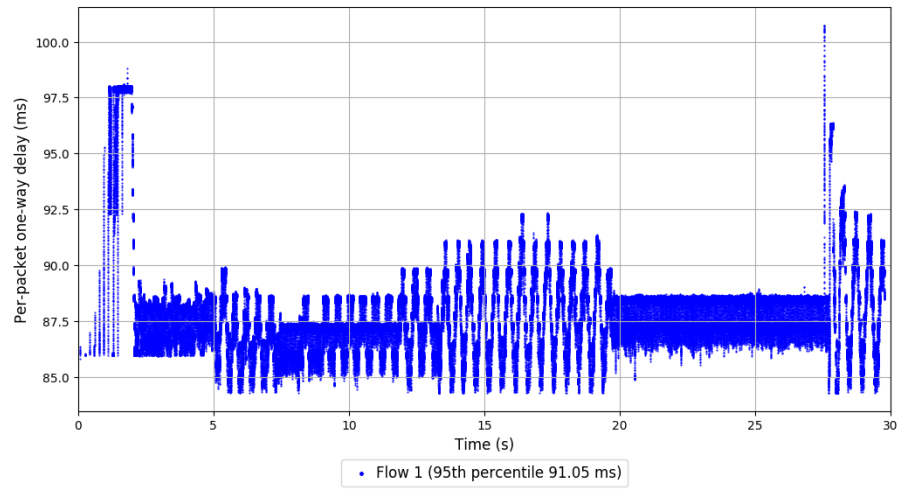
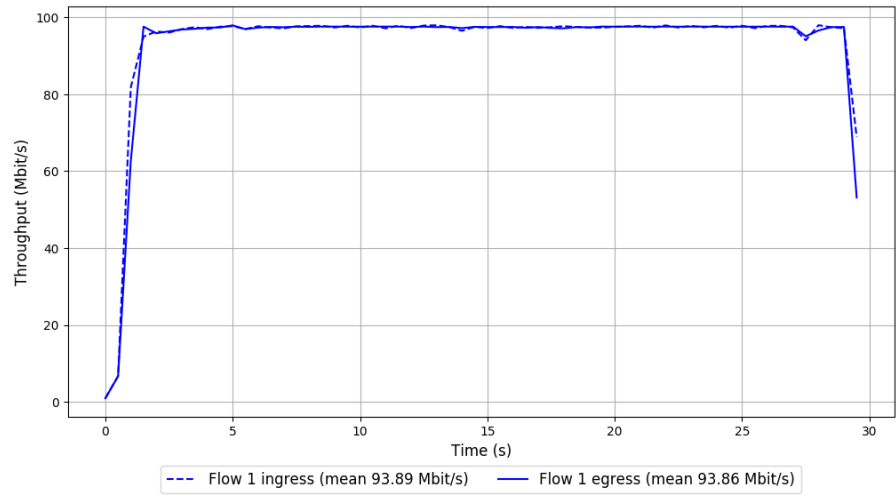
-- Flow 1:

Average throughput: 93.86 Mbit/s

95th percentile per-packet one-way delay: 91.045 ms

Loss rate: 0.58%

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

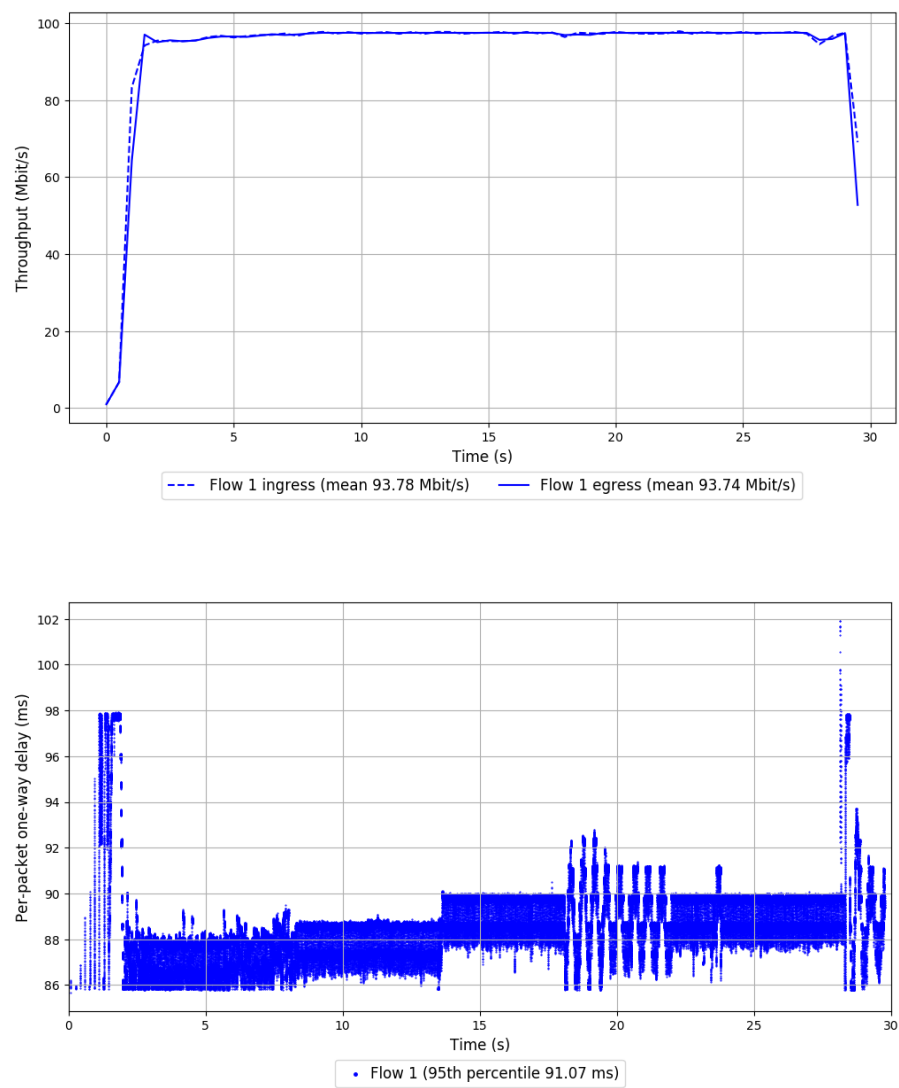


Run 6: Statistics of Indigo-1-32

Start at: 2018-02-19 23:15:38
End at: 2018-02-19 23:16:09
Local clock offset: -1.896 ms
Remote clock offset: -4.147 ms

Below is generated by plot.py at 2018-02-20 04:50:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.74 Mbit/s
95th percentile per-packet one-way delay: 91.070 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 93.74 Mbit/s
95th percentile per-packet one-way delay: 91.070 ms
Loss rate: 0.59%

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



Run 7: Statistics of Indigo-1-32

Start at: 2018-02-19 23:37:42

End at: 2018-02-19 23:38:12

Local clock offset: -2.767 ms

Remote clock offset: 1.352 ms

Below is generated by plot.py at 2018-02-20 04:50:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.45 Mbit/s

95th percentile per-packet one-way delay: 84.197 ms

Loss rate: 0.60%

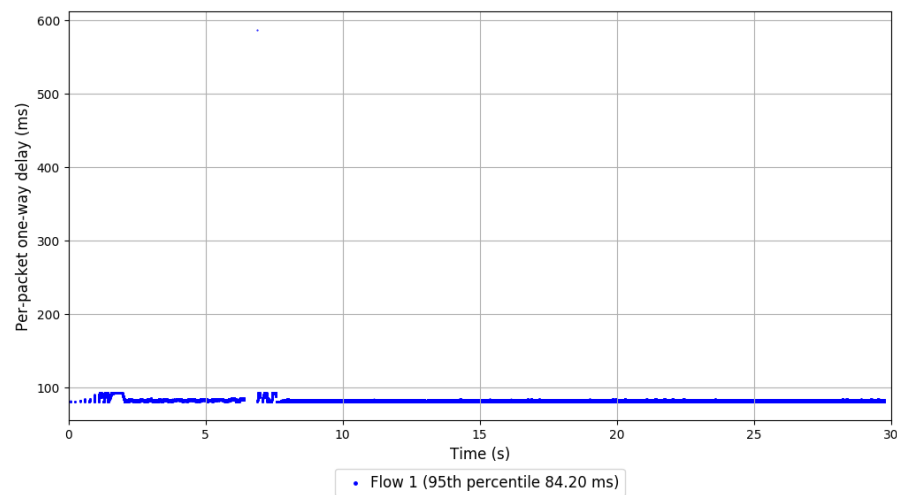
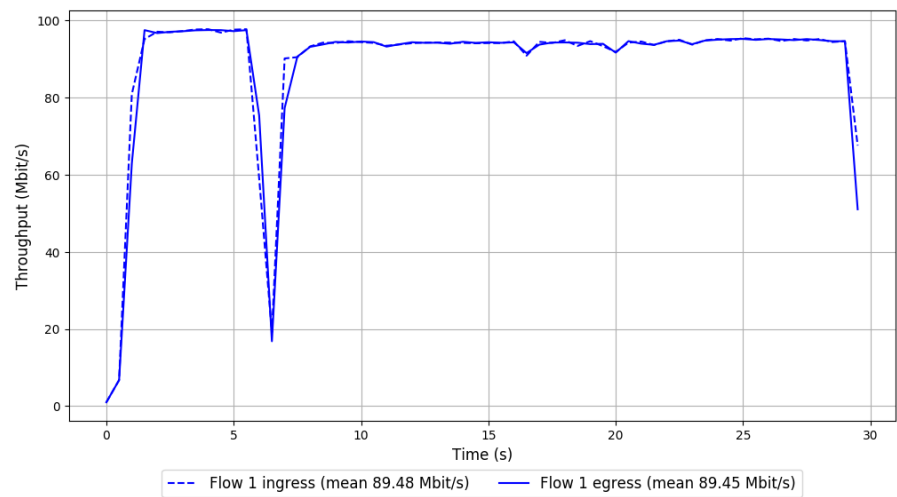
-- Flow 1:

Average throughput: 89.45 Mbit/s

95th percentile per-packet one-way delay: 84.197 ms

Loss rate: 0.60%

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



Run 8: Statistics of Indigo-1-32

Start at: 2018-02-19 23:59:43

End at: 2018-02-20 00:00:13

Local clock offset: -6.53 ms

Remote clock offset: 0.458 ms

Below is generated by plot.py at 2018-02-20 04:50:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.47 Mbit/s

95th percentile per-packet one-way delay: 88.196 ms

Loss rate: 0.59%

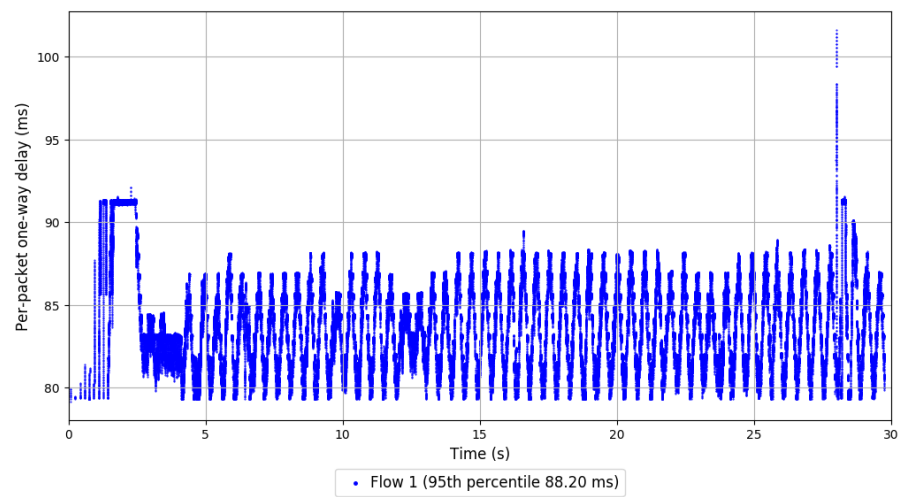
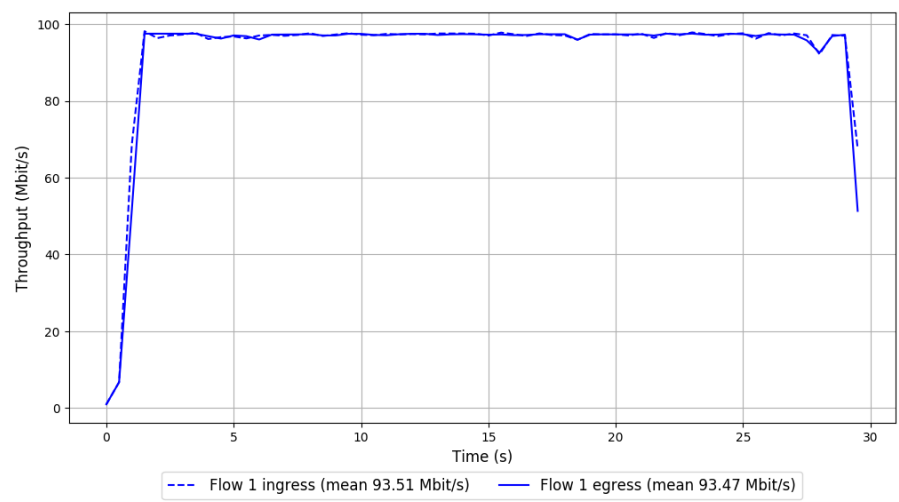
-- Flow 1:

Average throughput: 93.47 Mbit/s

95th percentile per-packet one-way delay: 88.196 ms

Loss rate: 0.59%

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



Run 9: Statistics of Indigo-1-32

Start at: 2018-02-20 00:21:48

End at: 2018-02-20 00:22:18

Local clock offset: -6.465 ms

Remote clock offset: -4.546 ms

Below is generated by plot.py at 2018-02-20 04:50:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.78 Mbit/s

95th percentile per-packet one-way delay: 93.574 ms

Loss rate: 0.64%

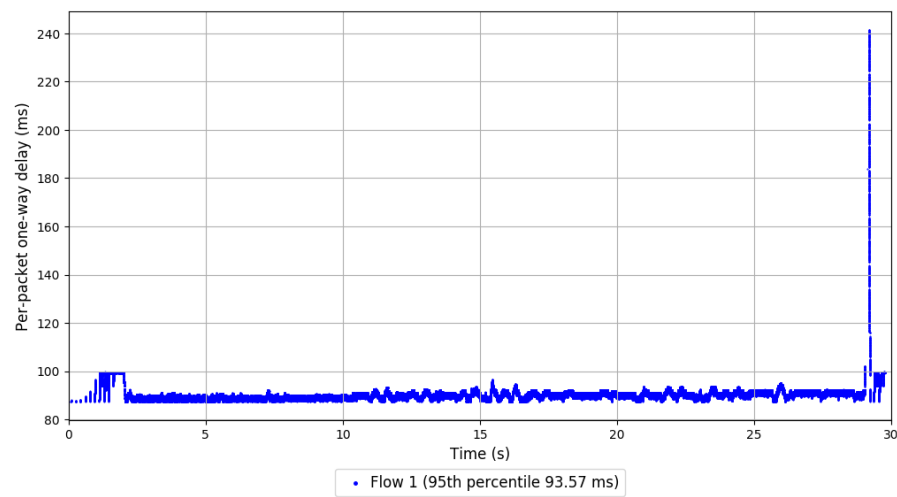
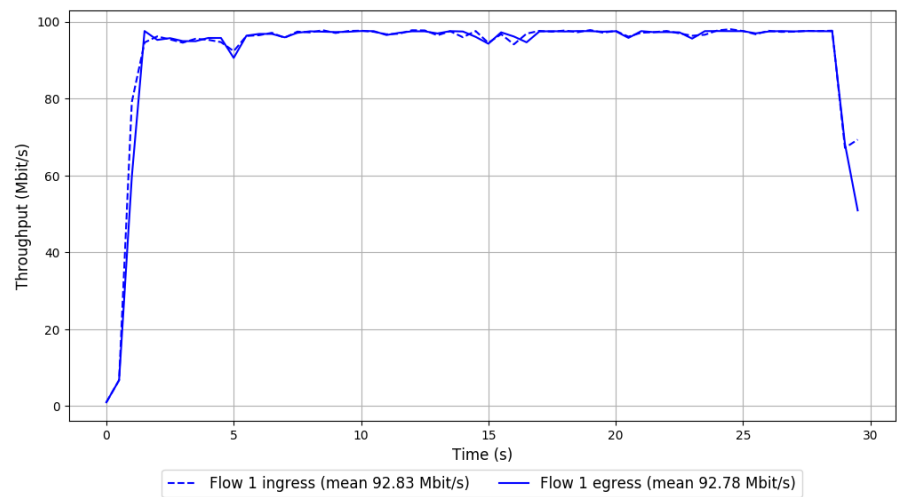
-- Flow 1:

Average throughput: 92.78 Mbit/s

95th percentile per-packet one-way delay: 93.574 ms

Loss rate: 0.64%

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



Run 10: Statistics of Indigo-1-32

Start at: 2018-02-20 00:43:59

End at: 2018-02-20 00:44:29

Local clock offset: -6.215 ms

Remote clock offset: 2.901 ms

Below is generated by plot.py at 2018-02-20 04:50:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.03 Mbit/s

95th percentile per-packet one-way delay: 88.854 ms

Loss rate: 0.59%

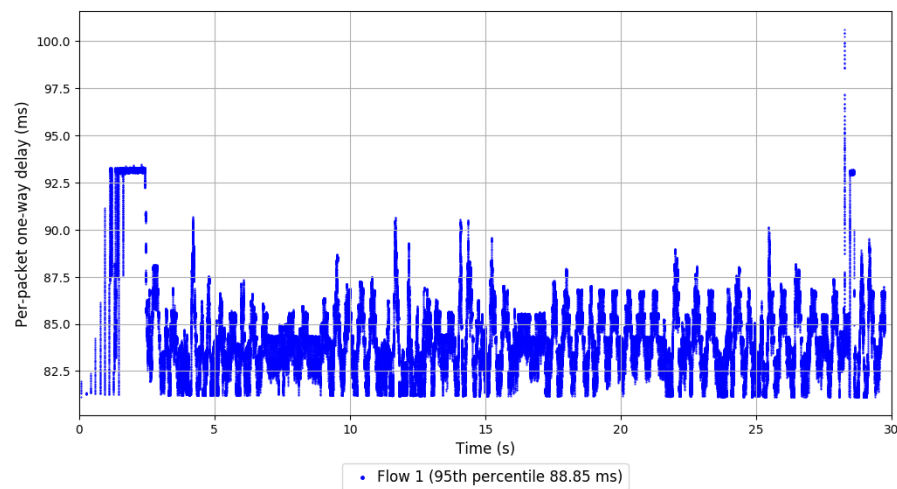
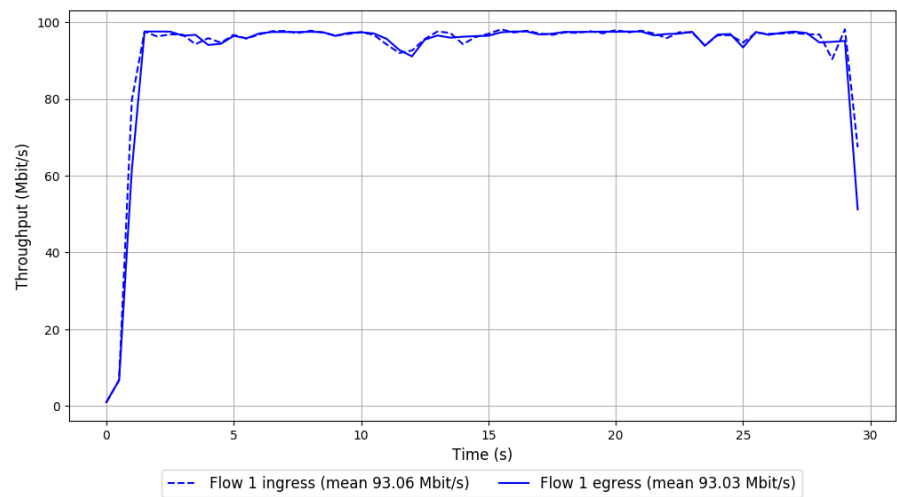
-- Flow 1:

Average throughput: 93.03 Mbit/s

95th percentile per-packet one-way delay: 88.854 ms

Loss rate: 0.59%

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



Run 1: Statistics of Vivace-latency

Start at: 2018-02-19 21:29:03

End at: 2018-02-19 21:29:33

Local clock offset: -6.104 ms

Remote clock offset: 1.107 ms

Below is generated by plot.py at 2018-02-20 04:50:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.26 Mbit/s

95th percentile per-packet one-way delay: 88.040 ms

Loss rate: 0.64%

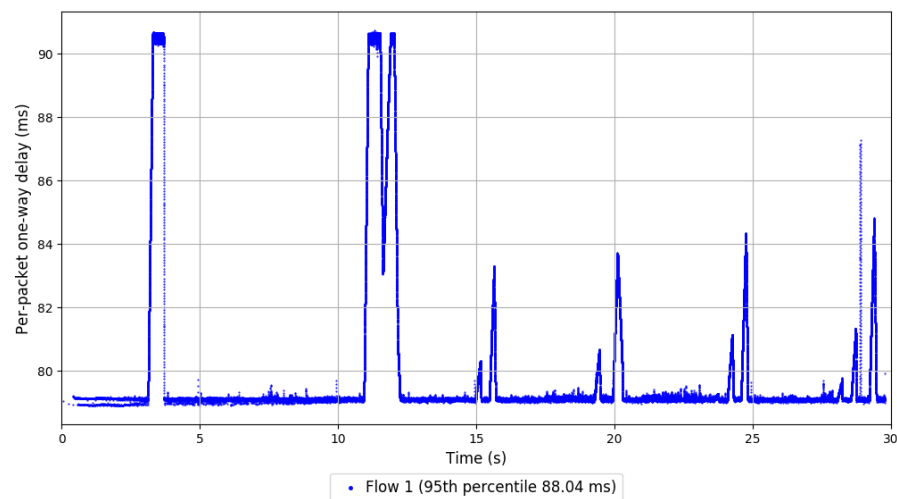
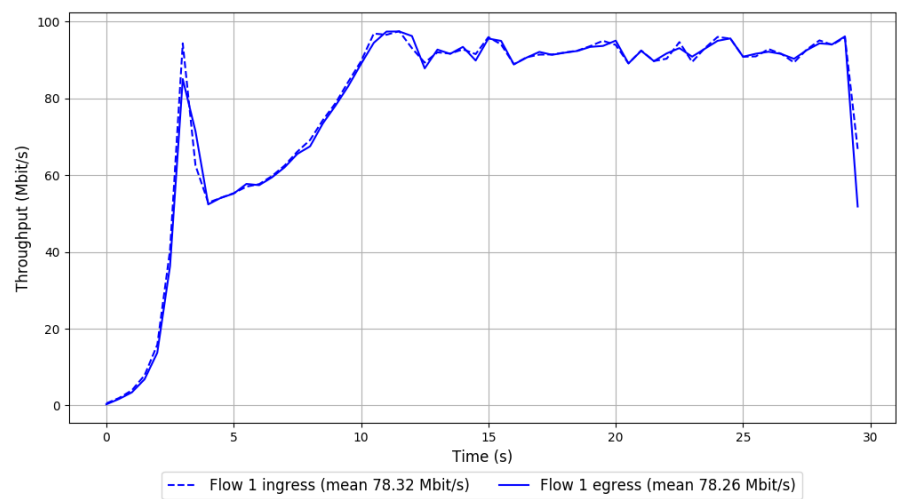
-- Flow 1:

Average throughput: 78.26 Mbit/s

95th percentile per-packet one-way delay: 88.040 ms

Loss rate: 0.64%

Run 1: Report of Vivace-latency — Data Link



Run 2: Statistics of Vivace-latency

Start at: 2018-02-19 21:51:04

End at: 2018-02-19 21:51:34

Local clock offset: -5.842 ms

Remote clock offset: 1.476 ms

Below is generated by plot.py at 2018-02-20 04:50:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.32 Mbit/s

95th percentile per-packet one-way delay: 90.953 ms

Loss rate: 0.68%

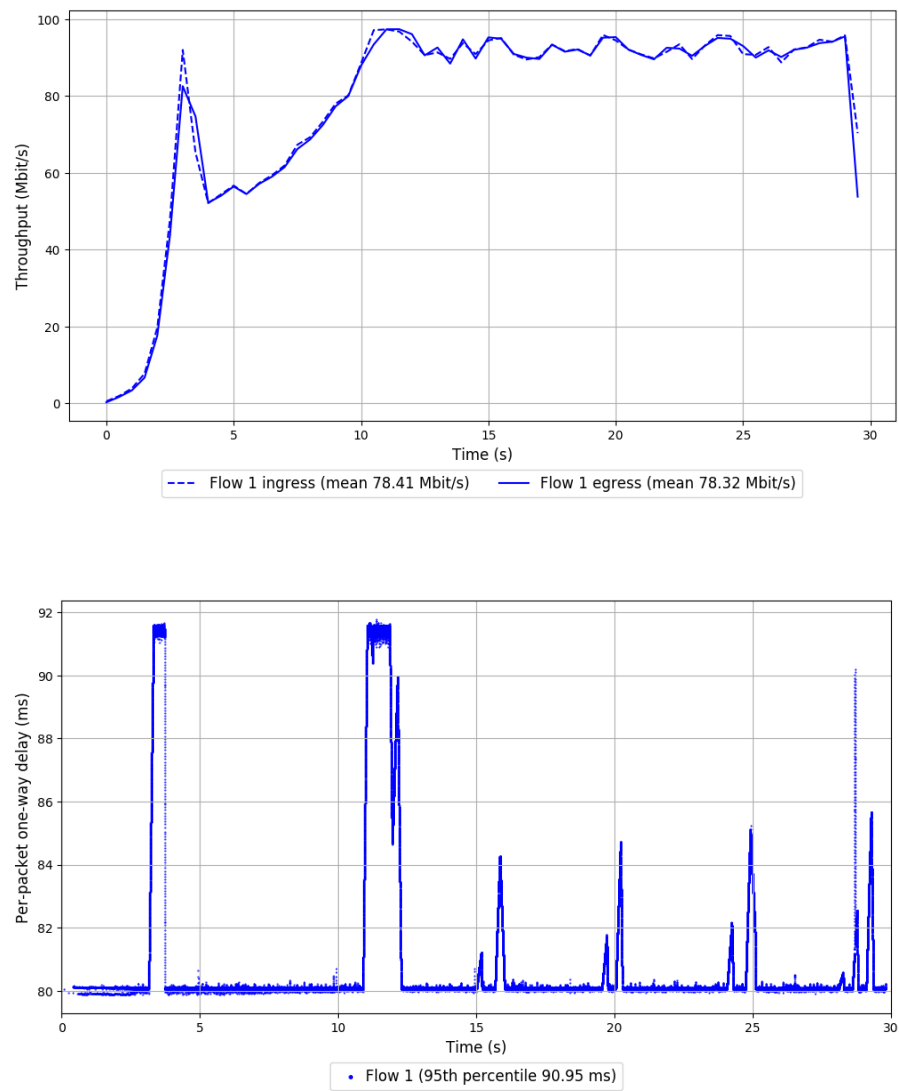
-- Flow 1:

Average throughput: 78.32 Mbit/s

95th percentile per-packet one-way delay: 90.953 ms

Loss rate: 0.68%

Run 2: Report of Vivace-latency — Data Link



Run 3: Statistics of Vivace-latency

Start at: 2018-02-19 22:13:06

End at: 2018-02-19 22:13:36

Local clock offset: -5.823 ms

Remote clock offset: -4.52 ms

Below is generated by plot.py at 2018-02-20 04:51:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 76.78 Mbit/s

95th percentile per-packet one-way delay: 96.965 ms

Loss rate: 0.64%

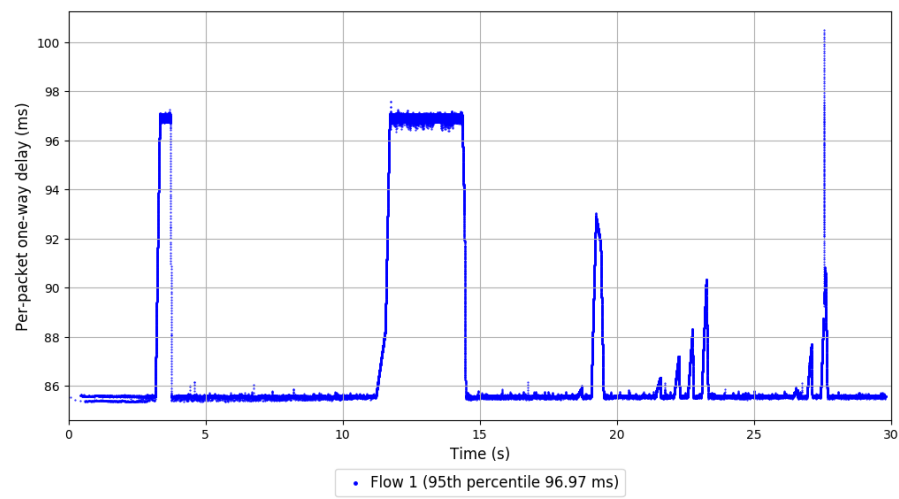
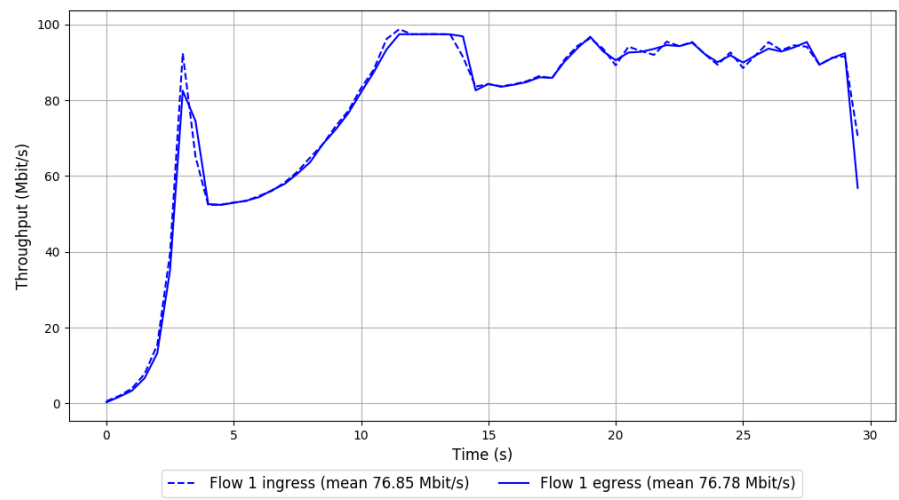
-- Flow 1:

Average throughput: 76.78 Mbit/s

95th percentile per-packet one-way delay: 96.965 ms

Loss rate: 0.64%

Run 3: Report of Vivace-latency — Data Link

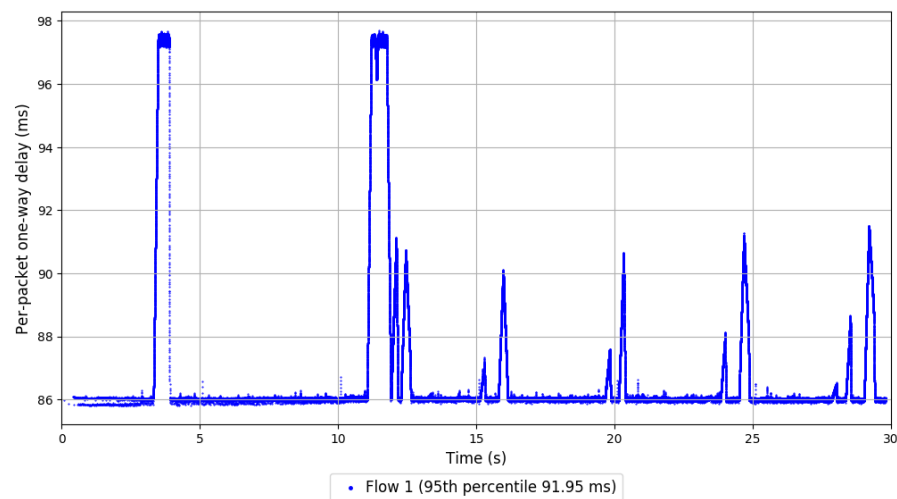
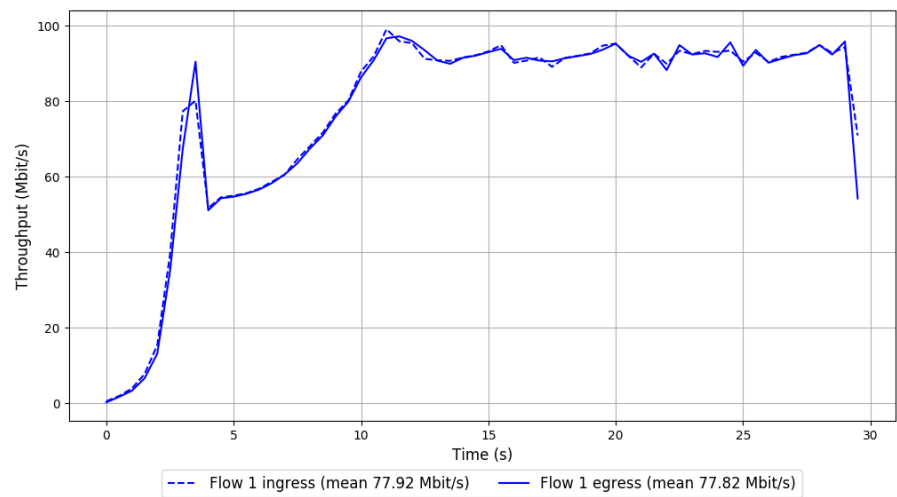


Run 4: Statistics of Vivace-latency

Start at: 2018-02-19 22:35:10
End at: 2018-02-19 22:35:40
Local clock offset: -4.299 ms
Remote clock offset: -4.426 ms

Below is generated by plot.py at 2018-02-20 04:51:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.82 Mbit/s
95th percentile per-packet one-way delay: 91.949 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 77.82 Mbit/s
95th percentile per-packet one-way delay: 91.949 ms
Loss rate: 0.69%

Run 4: Report of Vivace-latency — Data Link

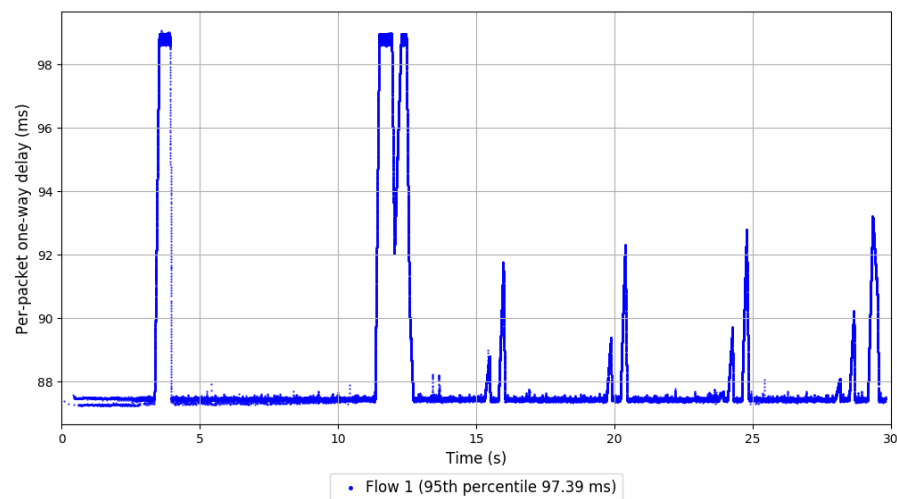
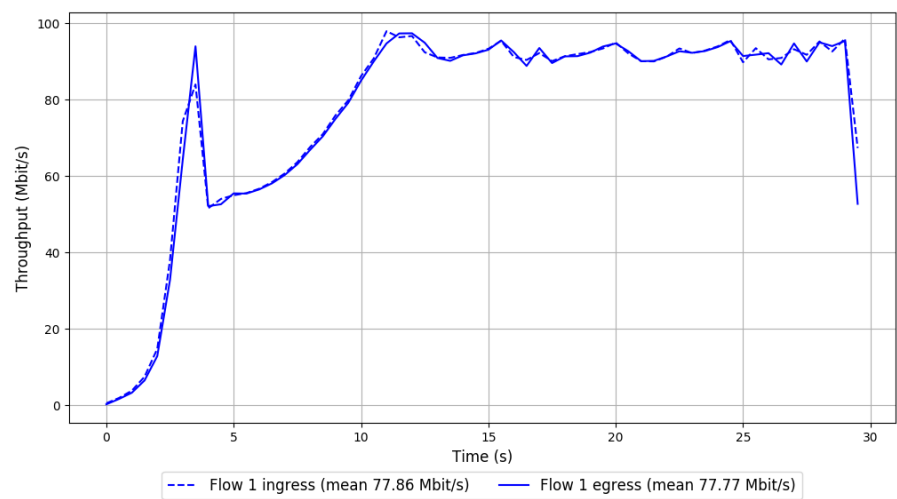


Run 5: Statistics of Vivace-latency

Start at: 2018-02-19 22:57:17
End at: 2018-02-19 22:57:48
Local clock offset: -3.045 ms
Remote clock offset: -4.157 ms

Below is generated by plot.py at 2018-02-20 04:51:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.77 Mbit/s
95th percentile per-packet one-way delay: 97.390 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 77.77 Mbit/s
95th percentile per-packet one-way delay: 97.390 ms
Loss rate: 0.67%

Run 5: Report of Vivace-latency — Data Link



Run 6: Statistics of Vivace-latency

Start at: 2018-02-19 23:19:20

End at: 2018-02-19 23:19:50

Local clock offset: -1.736 ms

Remote clock offset: 0.661 ms

Below is generated by plot.py at 2018-02-20 04:51:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.73 Mbit/s

95th percentile per-packet one-way delay: 92.350 ms

Loss rate: 0.69%

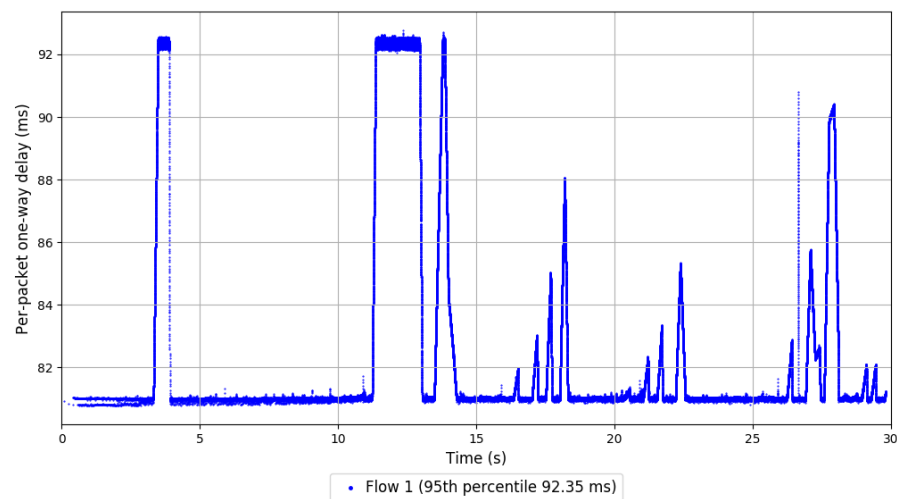
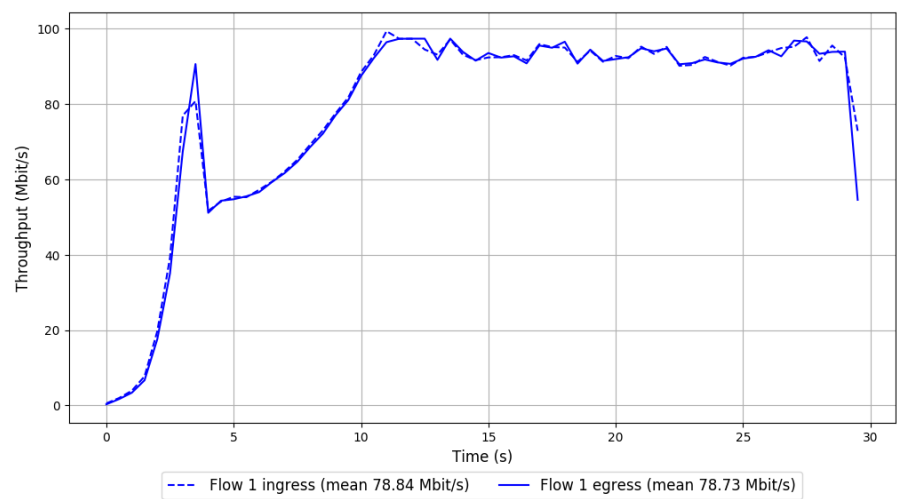
-- Flow 1:

Average throughput: 78.73 Mbit/s

95th percentile per-packet one-way delay: 92.350 ms

Loss rate: 0.69%

Run 6: Report of Vivace-latency — Data Link



Run 7: Statistics of Vivace-latency

Start at: 2018-02-19 23:41:23

End at: 2018-02-19 23:41:53

Local clock offset: -4.039 ms

Remote clock offset: 0.474 ms

Below is generated by plot.py at 2018-02-20 04:51:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.87 Mbit/s

95th percentile per-packet one-way delay: 90.576 ms

Loss rate: 0.63%

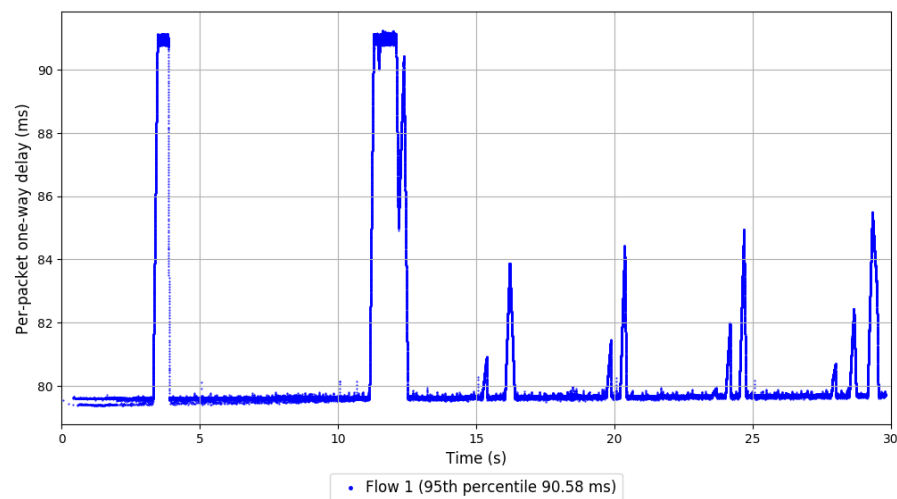
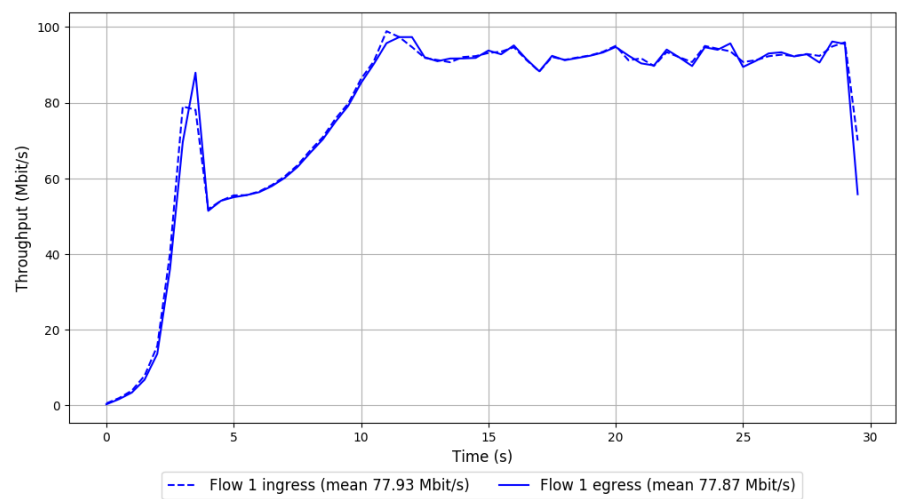
-- Flow 1:

Average throughput: 77.87 Mbit/s

95th percentile per-packet one-way delay: 90.576 ms

Loss rate: 0.63%

Run 7: Report of Vivace-latency — Data Link

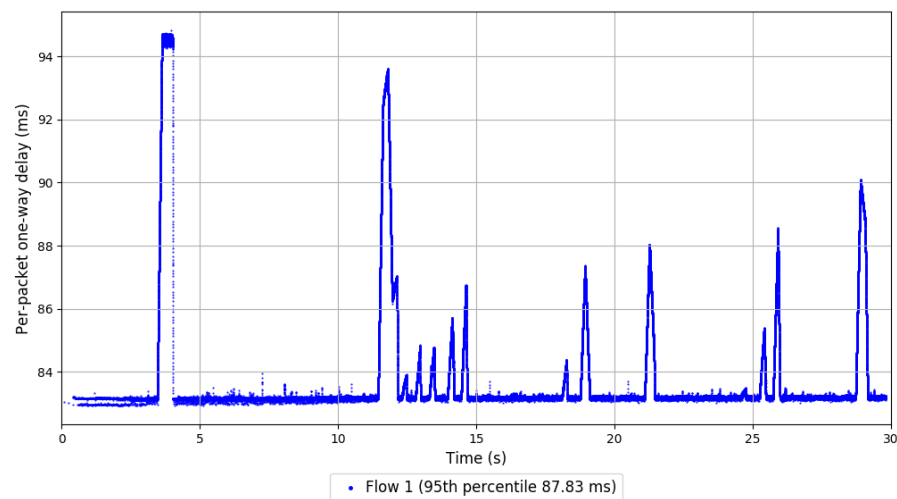
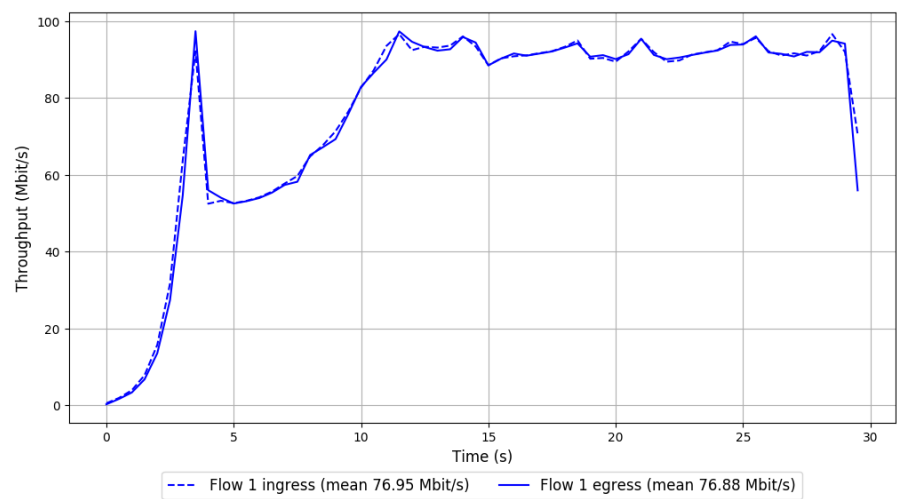


Run 8: Statistics of Vivace-latency

Start at: 2018-02-20 00:03:25
End at: 2018-02-20 00:03:55
Local clock offset: -6.749 ms
Remote clock offset: -3.664 ms

Below is generated by plot.py at 2018-02-20 04:51:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.88 Mbit/s
95th percentile per-packet one-way delay: 87.826 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 76.88 Mbit/s
95th percentile per-packet one-way delay: 87.826 ms
Loss rate: 0.64%

Run 8: Report of Vivace-latency — Data Link



Run 9: Statistics of Vivace-latency

Start at: 2018-02-20 00:25:34

End at: 2018-02-20 00:26:04

Local clock offset: -6.396 ms

Remote clock offset: 1.13 ms

Below is generated by plot.py at 2018-02-20 04:51:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.83 Mbit/s

95th percentile per-packet one-way delay: 89.320 ms

Loss rate: 0.66%

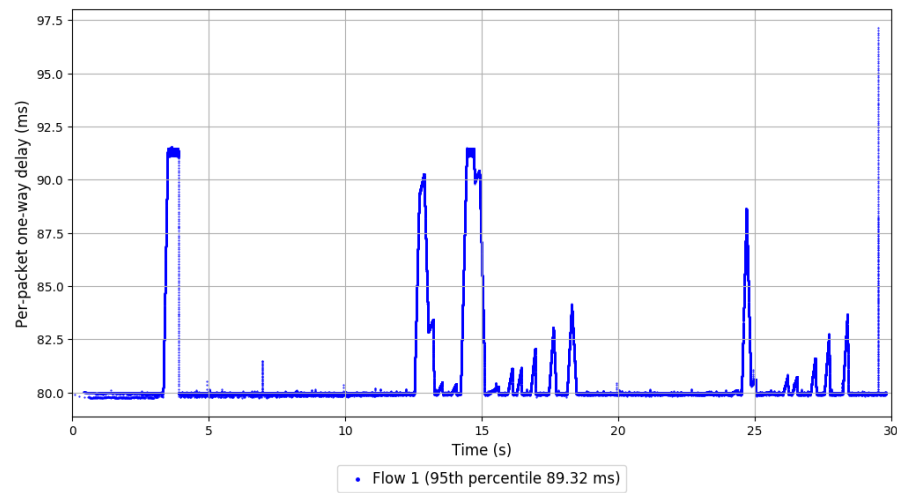
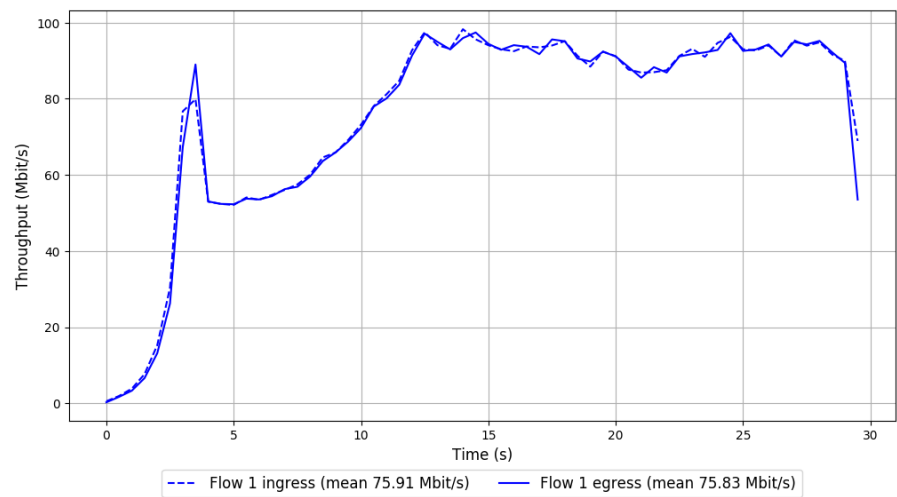
-- Flow 1:

Average throughput: 75.83 Mbit/s

95th percentile per-packet one-way delay: 89.320 ms

Loss rate: 0.66%

Run 9: Report of Vivace-latency — Data Link



Run 10: Statistics of Vivace-latency

Start at: 2018-02-20 00:47:41

End at: 2018-02-20 00:48:11

Local clock offset: -5.183 ms

Remote clock offset: 2.977 ms

Below is generated by plot.py at 2018-02-20 04:51:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.85 Mbit/s

95th percentile per-packet one-way delay: 89.836 ms

Loss rate: 0.67%

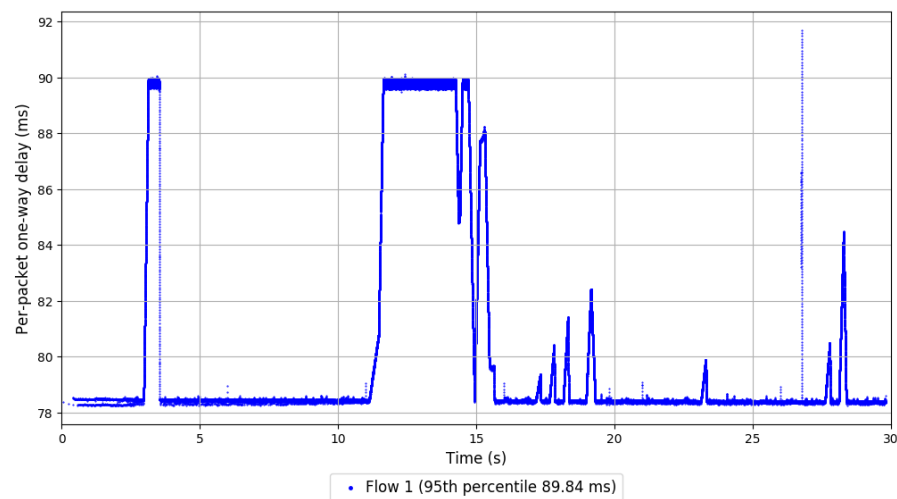
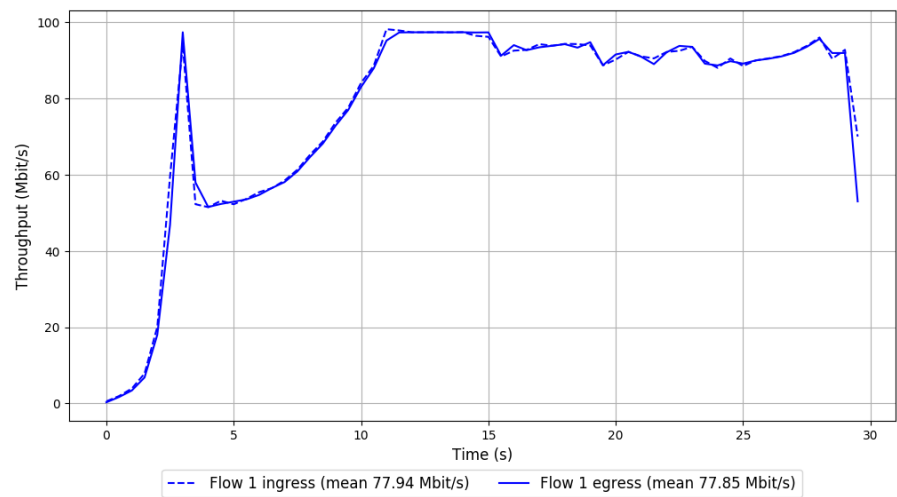
-- Flow 1:

Average throughput: 77.85 Mbit/s

95th percentile per-packet one-way delay: 89.836 ms

Loss rate: 0.67%

Run 10: Report of Vivace-latency — Data Link

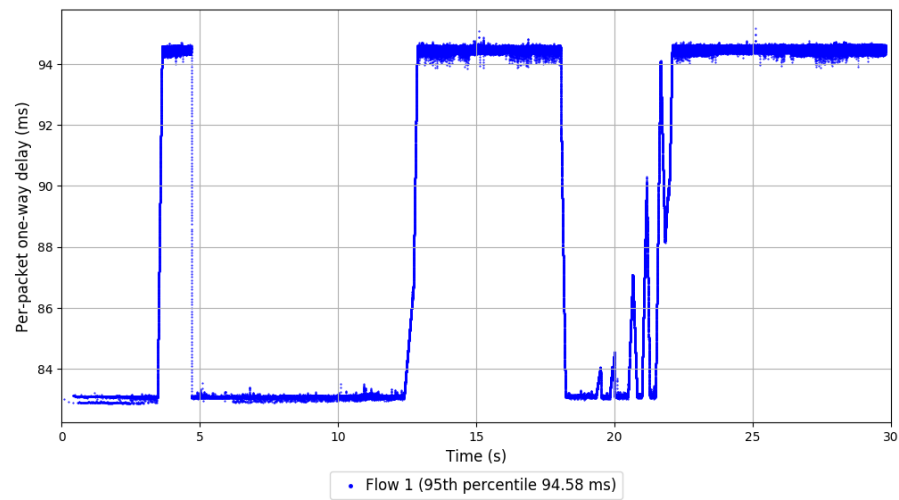
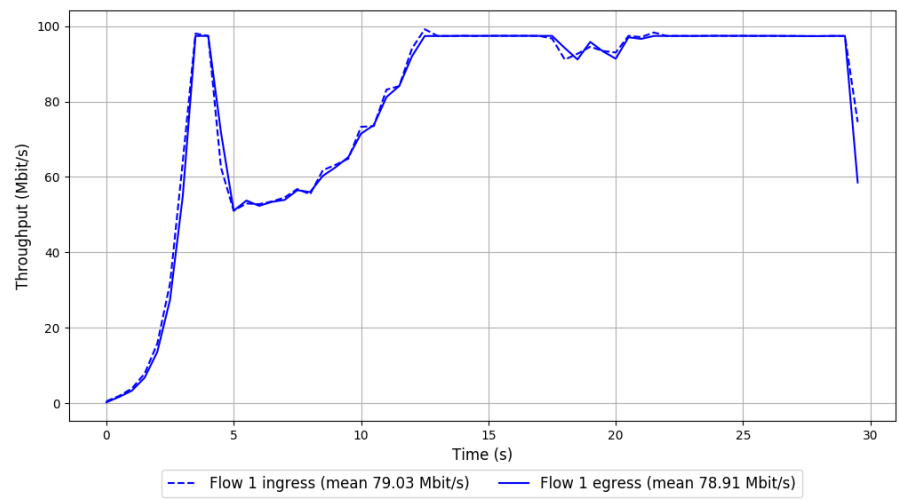


Run 1: Statistics of Vivace-loss

Start at: 2018-02-19 21:09:29
End at: 2018-02-19 21:09:59
Local clock offset: -7.508 ms
Remote clock offset: -3.384 ms

Below is generated by plot.py at 2018-02-20 04:52:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.91 Mbit/s
95th percentile per-packet one-way delay: 94.585 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 78.91 Mbit/s
95th percentile per-packet one-way delay: 94.585 ms
Loss rate: 0.73%

Run 1: Report of Vivace-loss — Data Link

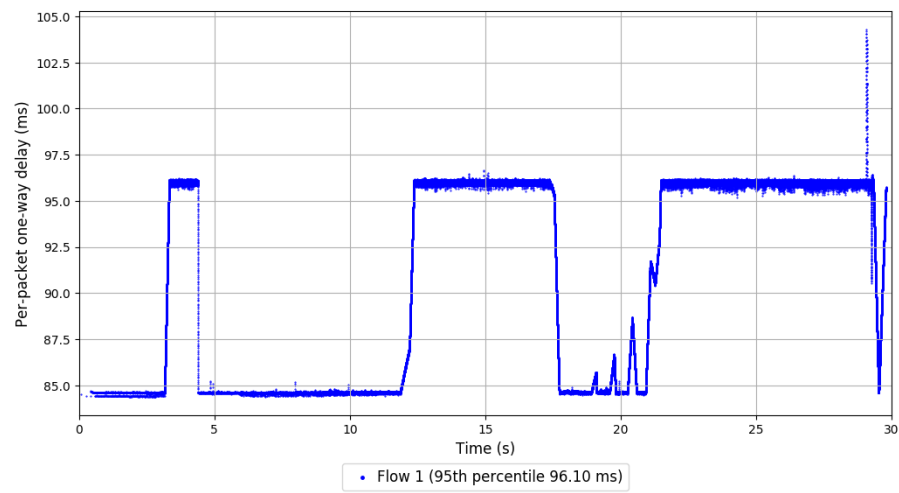
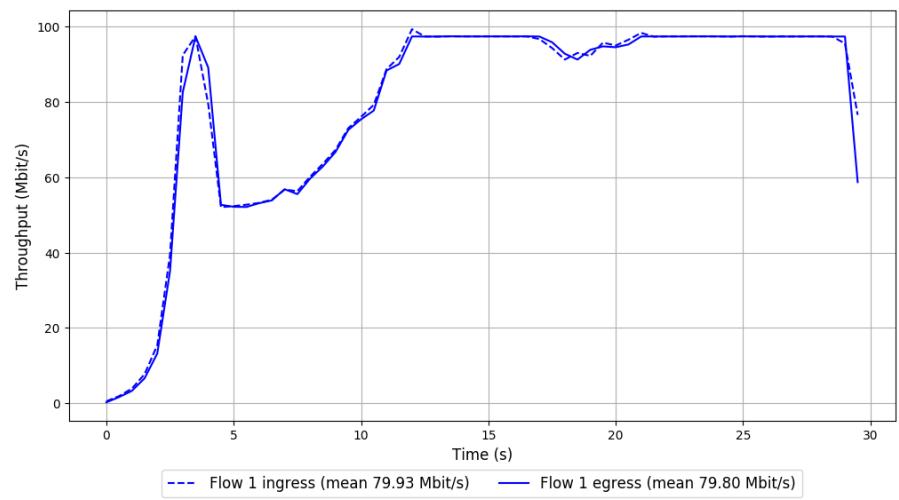


Run 2: Statistics of Vivace-loss

Start at: 2018-02-19 21:31:31
End at: 2018-02-19 21:32:01
Local clock offset: -5.992 ms
Remote clock offset: -2.792 ms

Below is generated by plot.py at 2018-02-20 04:52:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 79.80 Mbit/s
95th percentile per-packet one-way delay: 96.098 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 79.80 Mbit/s
95th percentile per-packet one-way delay: 96.098 ms
Loss rate: 0.73%

Run 2: Report of Vivace-loss — Data Link



Run 3: Statistics of Vivace-loss

Start at: 2018-02-19 21:53:32

End at: 2018-02-19 21:54:02

Local clock offset: -5.773 ms

Remote clock offset: -4.3 ms

Below is generated by plot.py at 2018-02-20 04:52:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.01 Mbit/s

95th percentile per-packet one-way delay: 97.361 ms

Loss rate: 0.73%

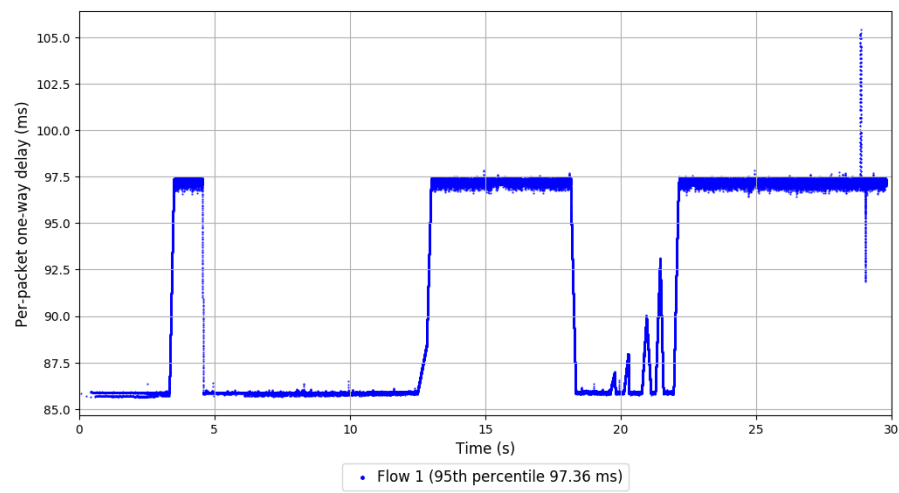
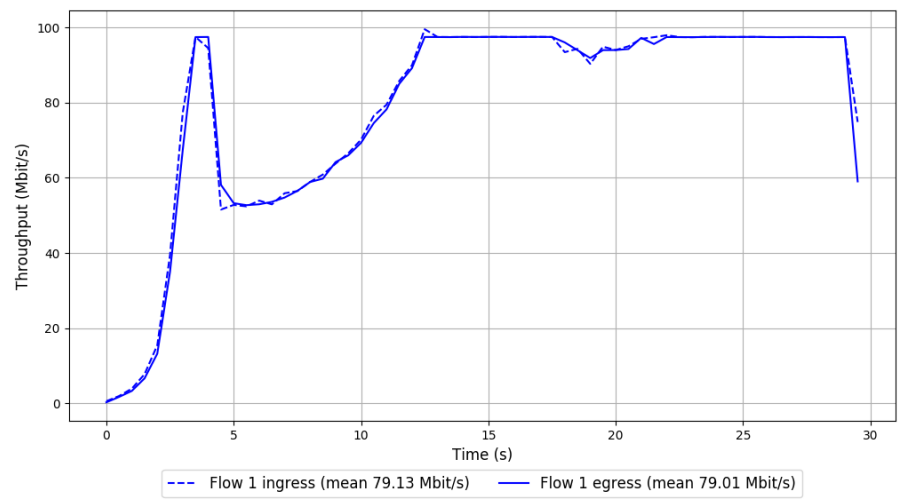
-- Flow 1:

Average throughput: 79.01 Mbit/s

95th percentile per-packet one-way delay: 97.361 ms

Loss rate: 0.73%

Run 3: Report of Vivace-loss — Data Link



Run 4: Statistics of Vivace-loss

Start at: 2018-02-19 22:15:34

End at: 2018-02-19 22:16:04

Local clock offset: -5.855 ms

Remote clock offset: 1.279 ms

Below is generated by plot.py at 2018-02-20 04:52:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.84 Mbit/s

95th percentile per-packet one-way delay: 91.466 ms

Loss rate: 0.71%

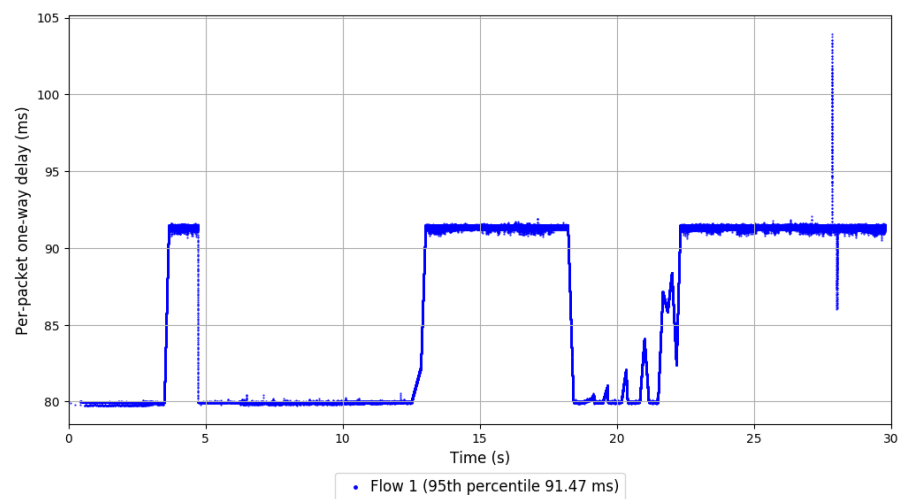
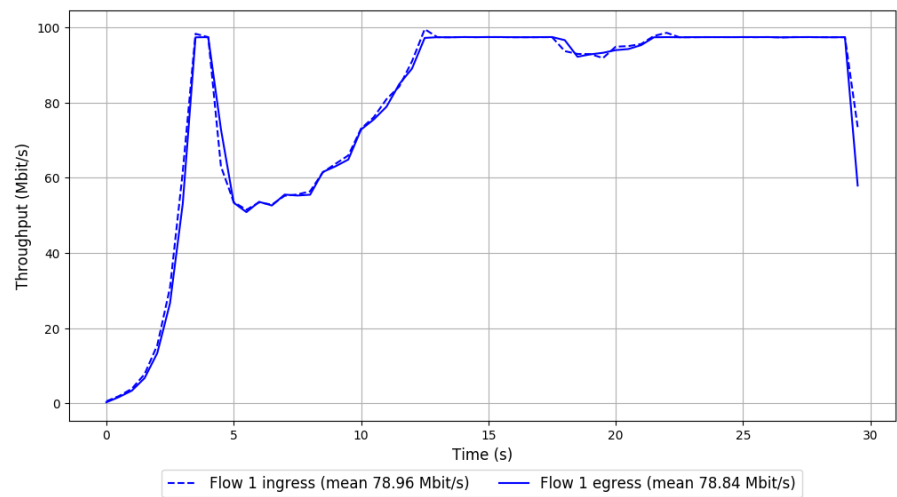
-- Flow 1:

Average throughput: 78.84 Mbit/s

95th percentile per-packet one-way delay: 91.466 ms

Loss rate: 0.71%

Run 4: Report of Vivace-loss — Data Link



Run 5: Statistics of Vivace-loss

Start at: 2018-02-19 22:37:38

End at: 2018-02-19 22:38:08

Local clock offset: -4.033 ms

Remote clock offset: 0.407 ms

Below is generated by plot.py at 2018-02-20 04:52:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.12 Mbit/s

95th percentile per-packet one-way delay: 90.627 ms

Loss rate: 0.73%

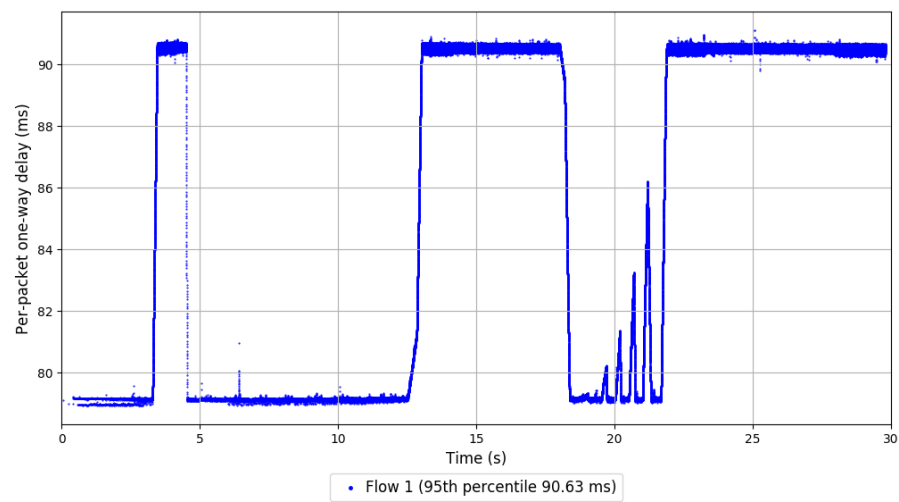
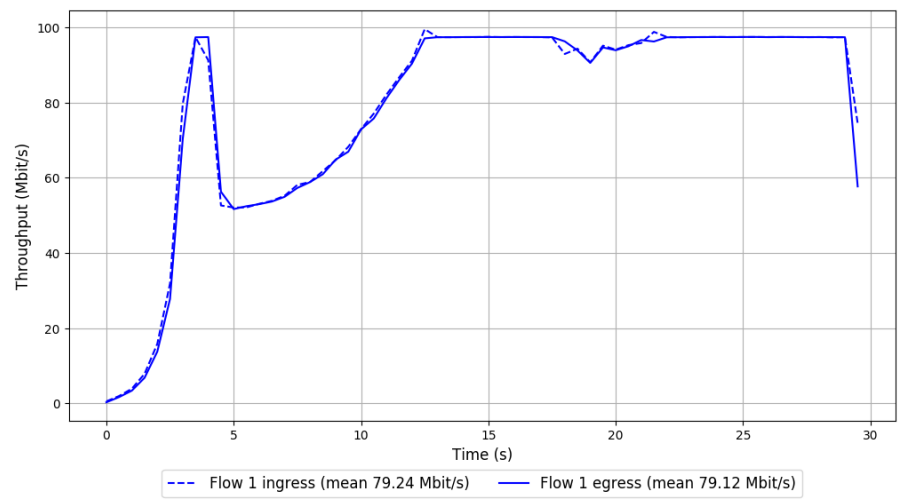
-- Flow 1:

Average throughput: 79.12 Mbit/s

95th percentile per-packet one-way delay: 90.627 ms

Loss rate: 0.73%

Run 5: Report of Vivace-loss — Data Link

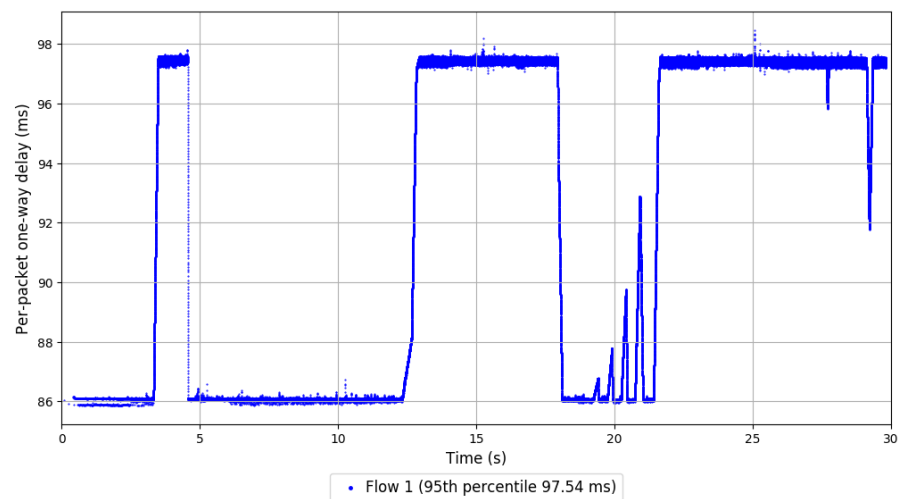
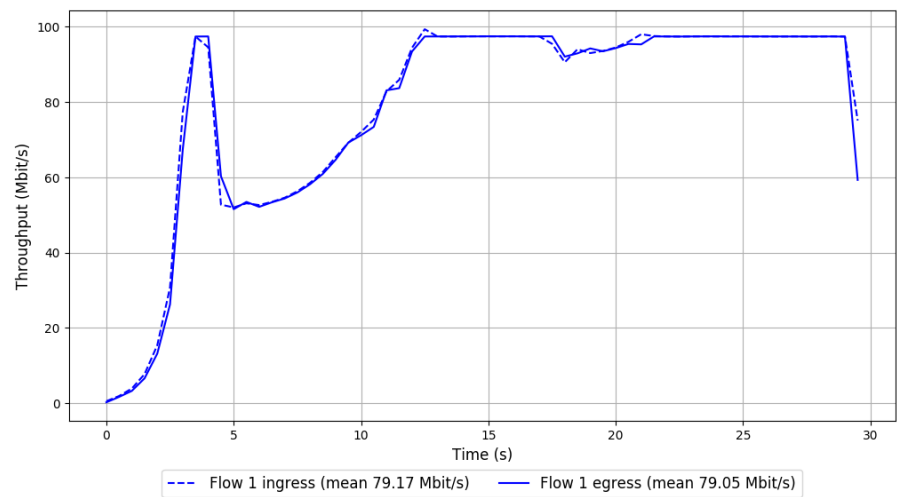


Run 6: Statistics of Vivace-loss

Start at: 2018-02-19 22:59:46
End at: 2018-02-19 23:00:16
Local clock offset: -2.978 ms
Remote clock offset: -4.266 ms

Below is generated by plot.py at 2018-02-20 04:52:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 79.05 Mbit/s
95th percentile per-packet one-way delay: 97.539 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 79.05 Mbit/s
95th percentile per-packet one-way delay: 97.539 ms
Loss rate: 0.73%

Run 6: Report of Vivace-loss — Data Link

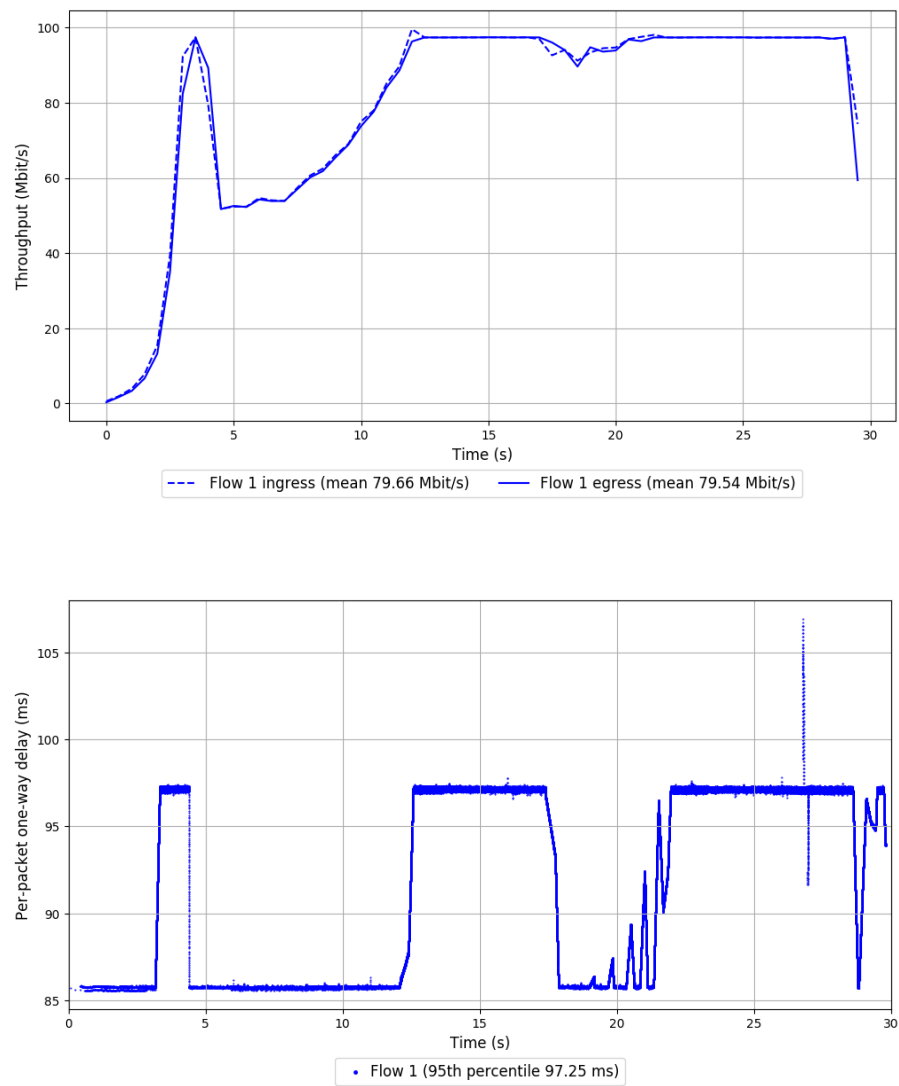


Run 7: Statistics of Vivace-loss

Start at: 2018-02-19 23:21:49
End at: 2018-02-19 23:22:19
Local clock offset: -1.636 ms
Remote clock offset: -4.141 ms

Below is generated by plot.py at 2018-02-20 04:52:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 79.54 Mbit/s
95th percentile per-packet one-way delay: 97.246 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 79.54 Mbit/s
95th percentile per-packet one-way delay: 97.246 ms
Loss rate: 0.71%

Run 7: Report of Vivace-loss — Data Link



Run 8: Statistics of Vivace-loss

Start at: 2018-02-19 23:43:51

End at: 2018-02-19 23:44:21

Local clock offset: -4.646 ms

Remote clock offset: 1.242 ms

Below is generated by plot.py at 2018-02-20 04:52:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.79 Mbit/s

95th percentile per-packet one-way delay: 89.933 ms

Loss rate: 0.73%

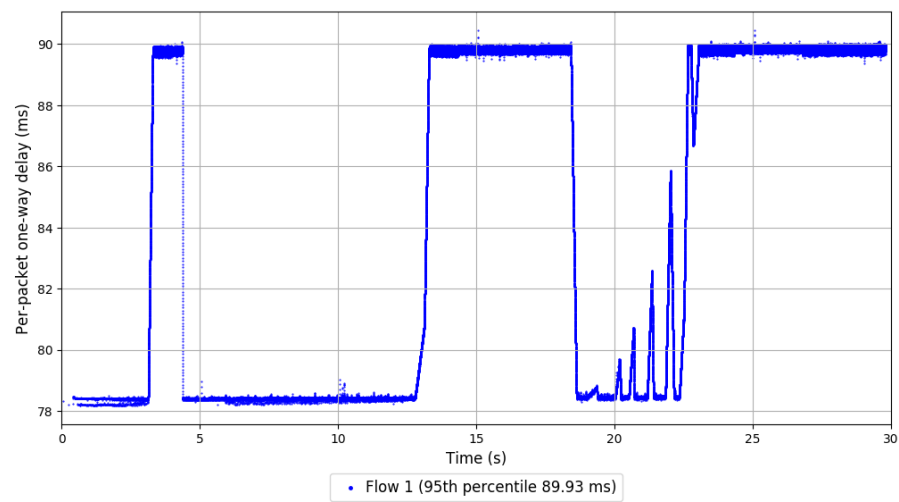
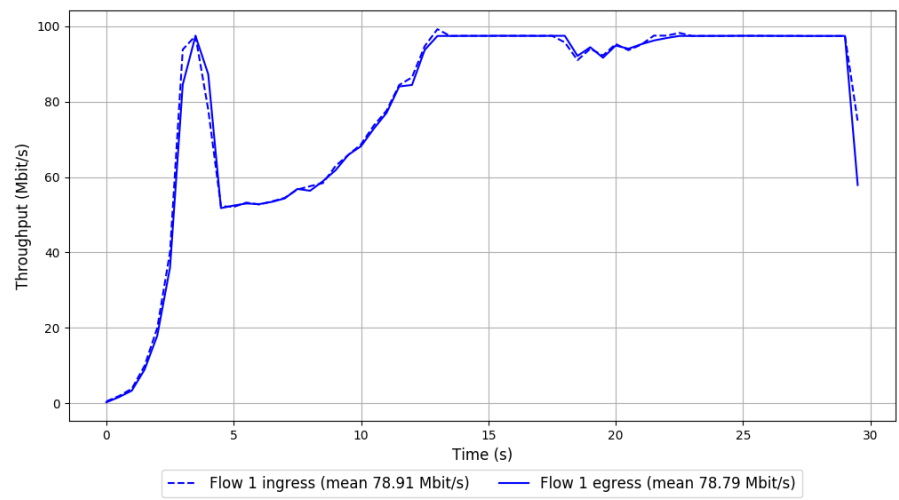
-- Flow 1:

Average throughput: 78.79 Mbit/s

95th percentile per-packet one-way delay: 89.933 ms

Loss rate: 0.73%

Run 8: Report of Vivace-loss — Data Link



Run 9: Statistics of Vivace-loss

Start at: 2018-02-20 00:05:54

End at: 2018-02-20 00:06:24

Local clock offset: -6.8 ms

Remote clock offset: 1.26 ms

Below is generated by plot.py at 2018-02-20 04:53:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 67.19 Mbit/s

95th percentile per-packet one-way delay: 80.223 ms

Loss rate: 2.02%

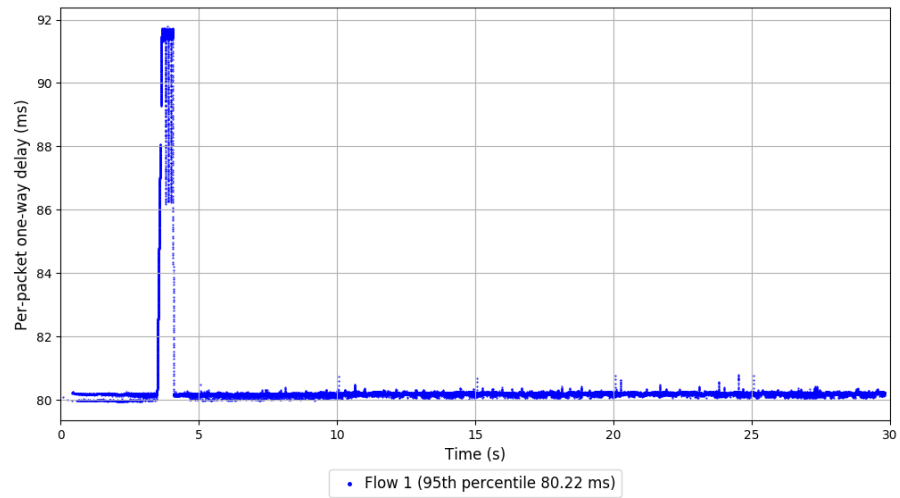
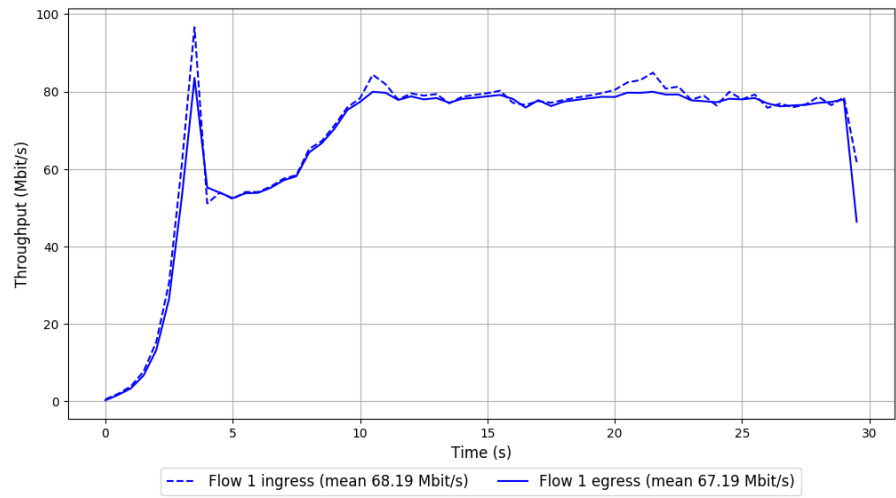
-- Flow 1:

Average throughput: 67.19 Mbit/s

95th percentile per-packet one-way delay: 80.223 ms

Loss rate: 2.02%

Run 9: Report of Vivace-loss — Data Link



Run 10: Statistics of Vivace-loss

Start at: 2018-02-20 00:28:07

End at: 2018-02-20 00:28:37

Local clock offset: -6.396 ms

Remote clock offset: 1.097 ms

Below is generated by plot.py at 2018-02-20 04:53:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.86 Mbit/s

95th percentile per-packet one-way delay: 89.835 ms

Loss rate: 0.73%

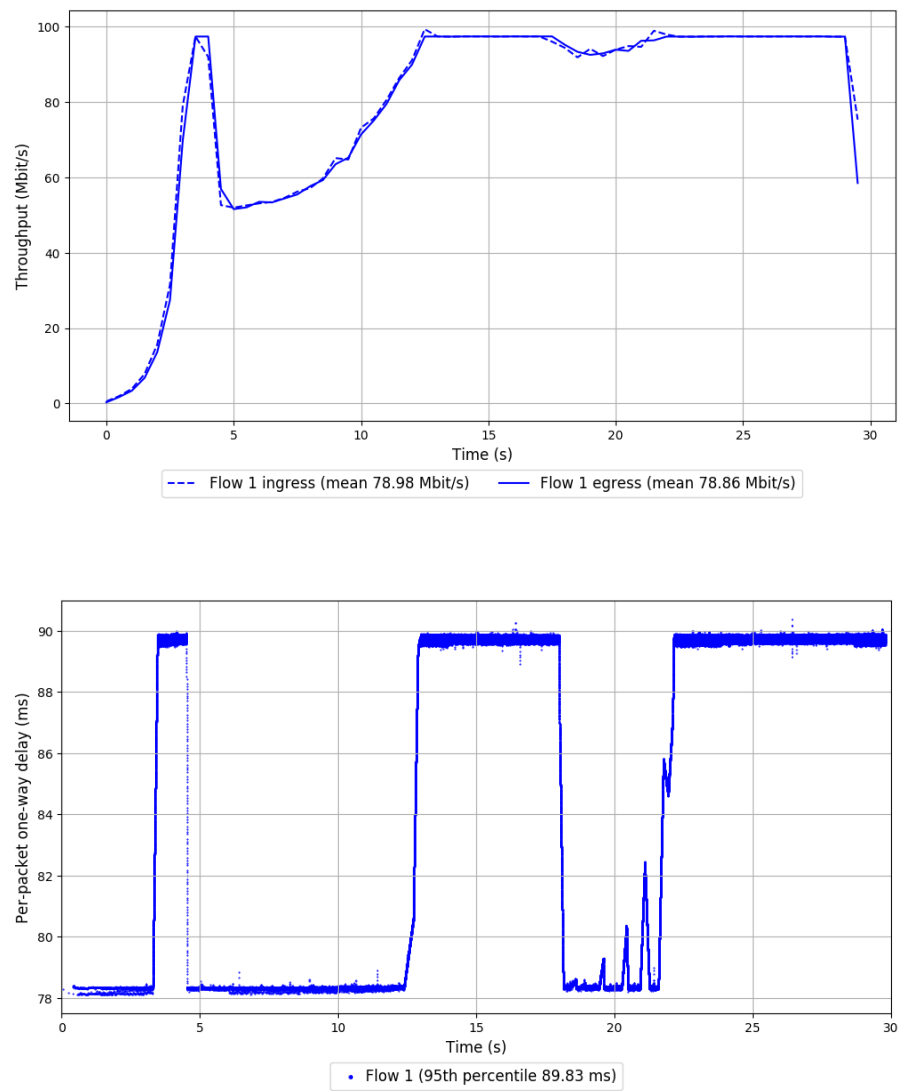
-- Flow 1:

Average throughput: 78.86 Mbit/s

95th percentile per-packet one-way delay: 89.835 ms

Loss rate: 0.73%

Run 10: Report of Vivace-loss — Data Link

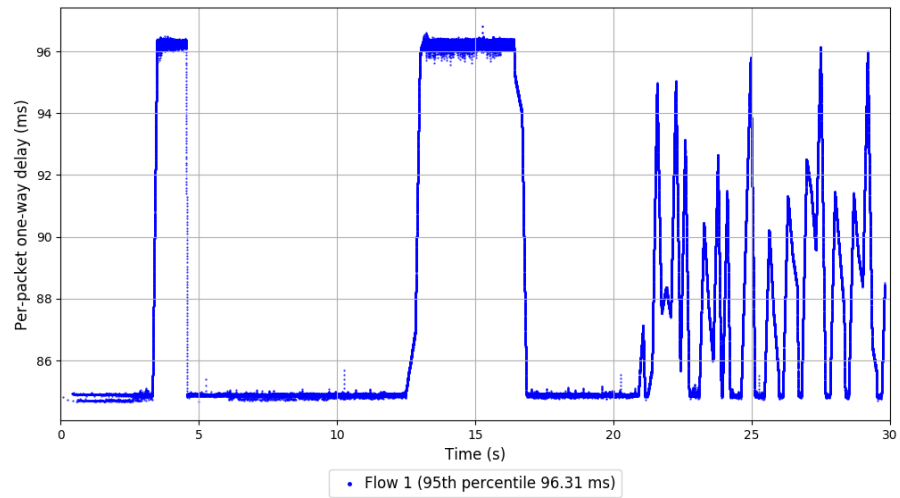
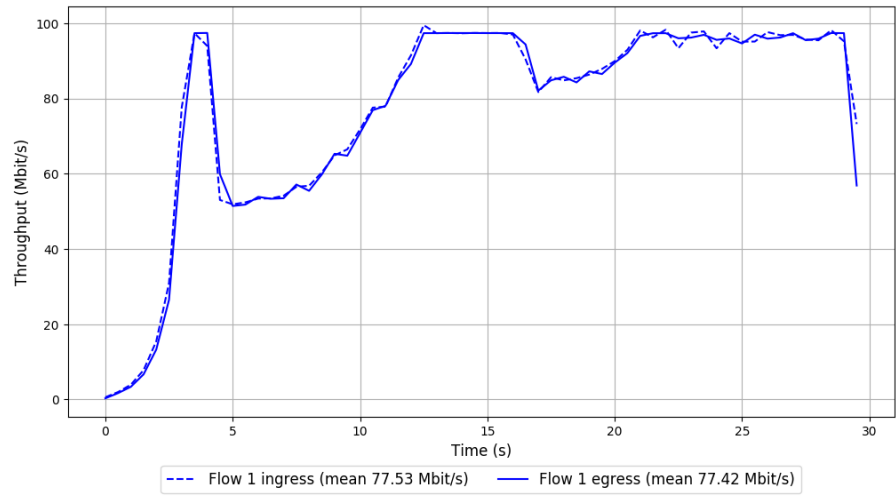


Run 1: Statistics of Vivace-LTE

Start at: 2018-02-19 21:15:37
End at: 2018-02-19 21:16:07
Local clock offset: -7.808 ms
Remote clock offset: -3.174 ms

Below is generated by plot.py at 2018-02-20 04:53:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.42 Mbit/s
95th percentile per-packet one-way delay: 96.315 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 77.42 Mbit/s
95th percentile per-packet one-way delay: 96.315 ms
Loss rate: 0.69%

Run 1: Report of Vivace-LTE — Data Link



Run 2: Statistics of Vivace-LTE

Start at: 2018-02-19 21:37:39

End at: 2018-02-19 21:38:09

Local clock offset: -5.83 ms

Remote clock offset: 2.178 ms

Below is generated by plot.py at 2018-02-20 04:53:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.06 Mbit/s

95th percentile per-packet one-way delay: 91.226 ms

Loss rate: 0.64%

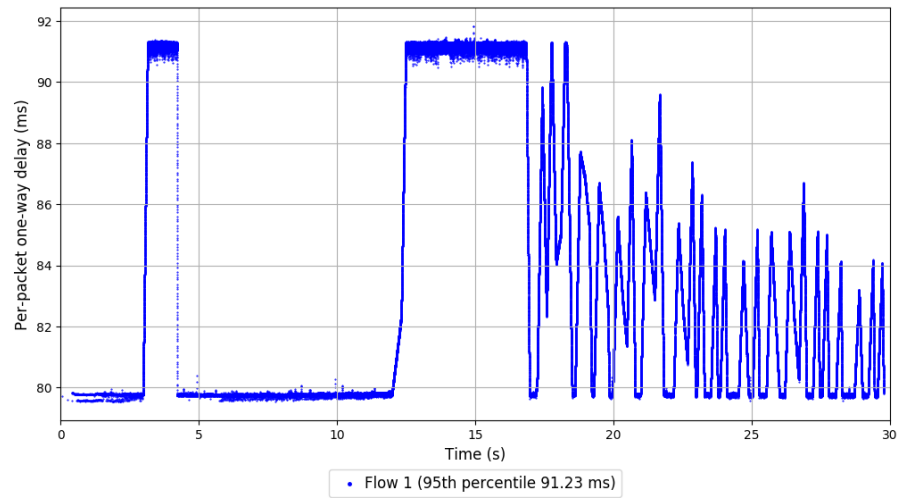
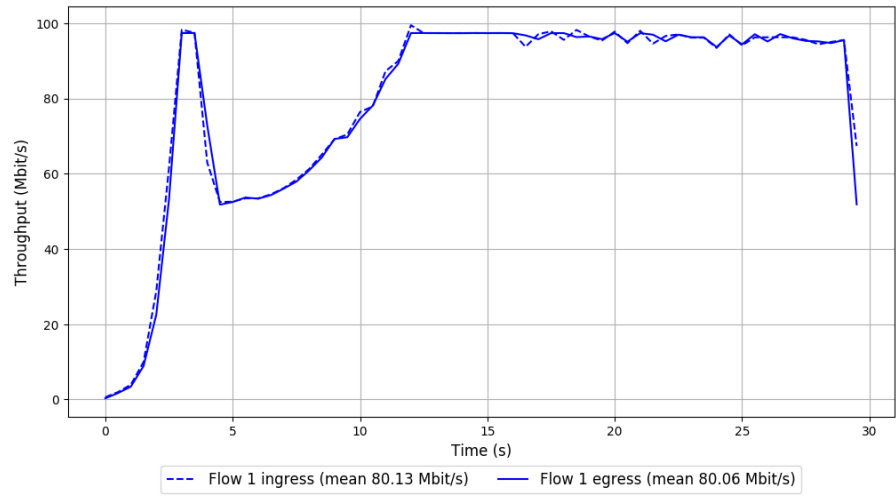
-- Flow 1:

Average throughput: 80.06 Mbit/s

95th percentile per-packet one-way delay: 91.226 ms

Loss rate: 0.64%

Run 2: Report of Vivace-LTE — Data Link



Run 3: Statistics of Vivace-LTE

Start at: 2018-02-19 21:59:40

End at: 2018-02-19 22:00:10

Local clock offset: -5.83 ms

Remote clock offset: 1.298 ms

Below is generated by plot.py at 2018-02-20 04:53:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.96 Mbit/s

95th percentile per-packet one-way delay: 91.374 ms

Loss rate: 0.70%

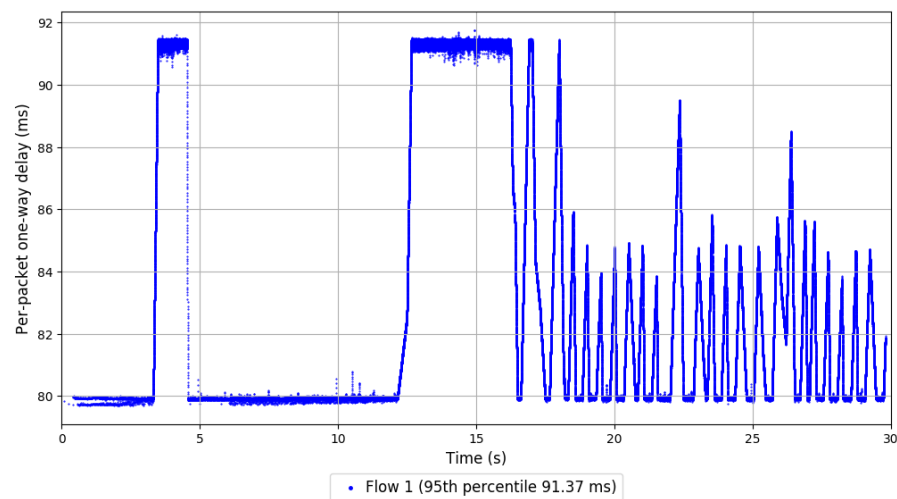
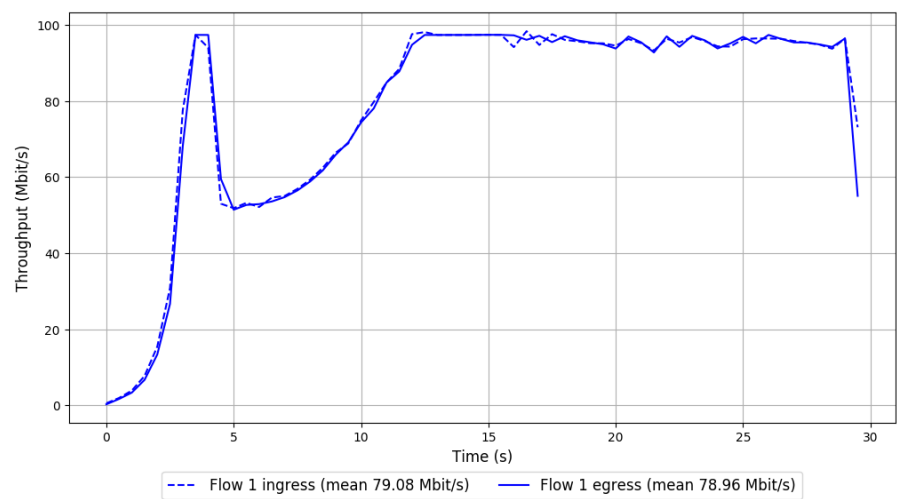
-- Flow 1:

Average throughput: 78.96 Mbit/s

95th percentile per-packet one-way delay: 91.374 ms

Loss rate: 0.70%

Run 3: Report of Vivace-LTE — Data Link



Run 4: Statistics of Vivace-LTE

Start at: 2018-02-19 22:21:42

End at: 2018-02-19 22:22:12

Local clock offset: -5.918 ms

Remote clock offset: 1.291 ms

Below is generated by plot.py at 2018-02-20 04:53:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.44 Mbit/s

95th percentile per-packet one-way delay: 91.665 ms

Loss rate: 0.65%

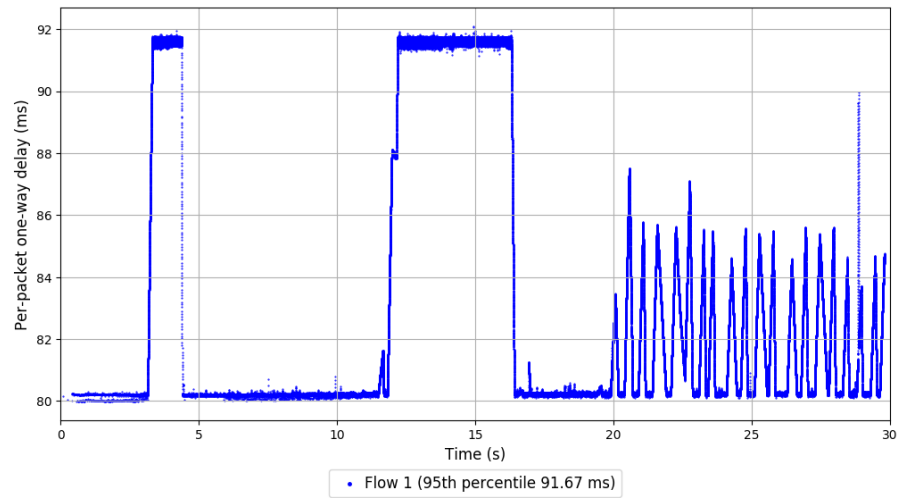
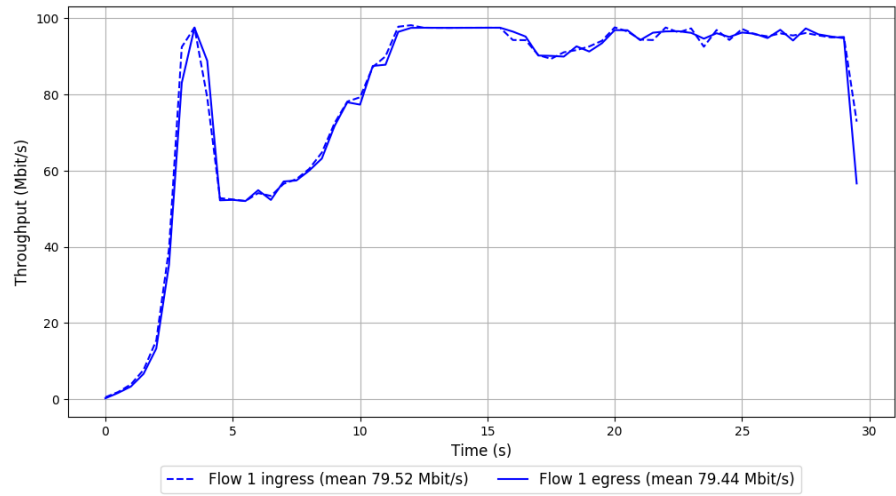
-- Flow 1:

Average throughput: 79.44 Mbit/s

95th percentile per-packet one-way delay: 91.665 ms

Loss rate: 0.65%

Run 4: Report of Vivace-LTE — Data Link



Run 5: Statistics of Vivace-LTE

Start at: 2018-02-19 22:43:47

End at: 2018-02-19 22:44:17

Local clock offset: -3.618 ms

Remote clock offset: 1.365 ms

Below is generated by plot.py at 2018-02-20 04:53:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.66 Mbit/s

95th percentile per-packet one-way delay: 89.537 ms

Loss rate: 0.67%

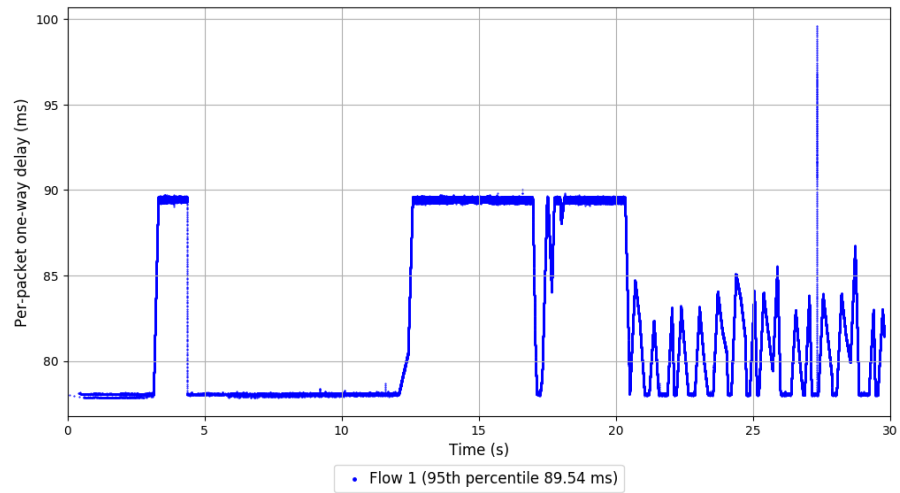
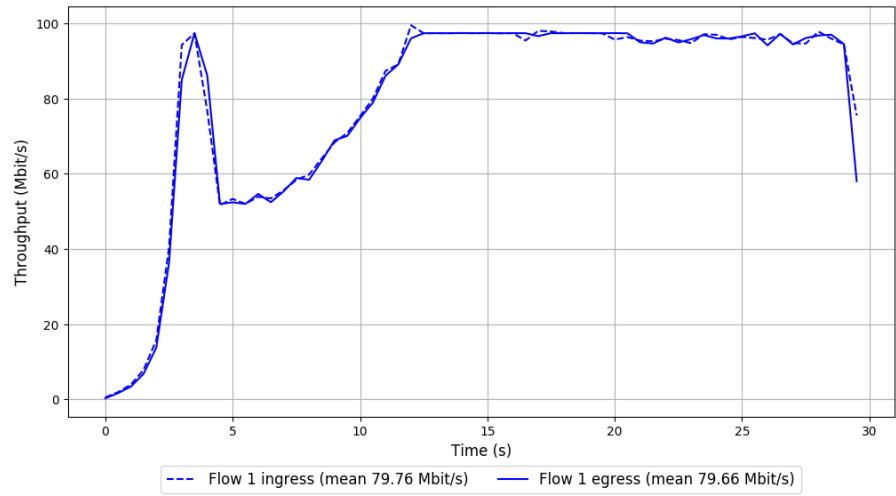
-- Flow 1:

Average throughput: 79.66 Mbit/s

95th percentile per-packet one-way delay: 89.537 ms

Loss rate: 0.67%

Run 5: Report of Vivace-LTE — Data Link



Run 6: Statistics of Vivace-LTE

Start at: 2018-02-19 23:05:54

End at: 2018-02-19 23:06:24

Local clock offset: -2.441 ms

Remote clock offset: 1.507 ms

Below is generated by plot.py at 2018-02-20 04:54:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.74 Mbit/s

95th percentile per-packet one-way delay: 91.183 ms

Loss rate: 0.67%

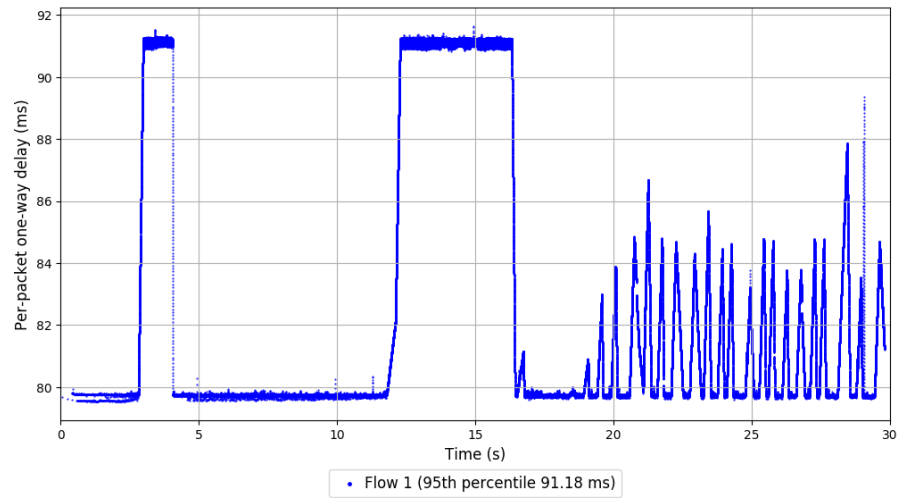
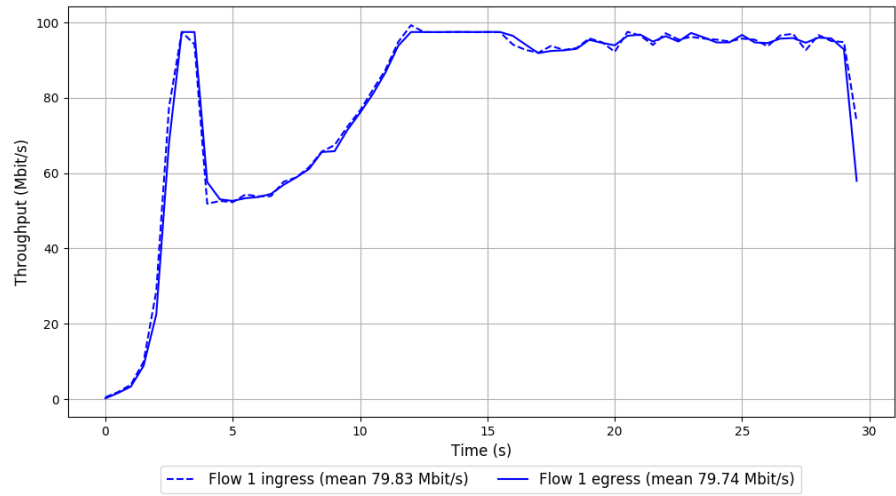
-- Flow 1:

Average throughput: 79.74 Mbit/s

95th percentile per-packet one-way delay: 91.183 ms

Loss rate: 0.67%

Run 6: Report of Vivace-LTE — Data Link



Run 7: Statistics of Vivace-LTE

Start at: 2018-02-19 23:27:56

End at: 2018-02-19 23:28:26

Local clock offset: -1.383 ms

Remote clock offset: 1.346 ms

Below is generated by plot.py at 2018-02-20 04:54:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.62 Mbit/s

95th percentile per-packet one-way delay: 90.191 ms

Loss rate: 0.68%

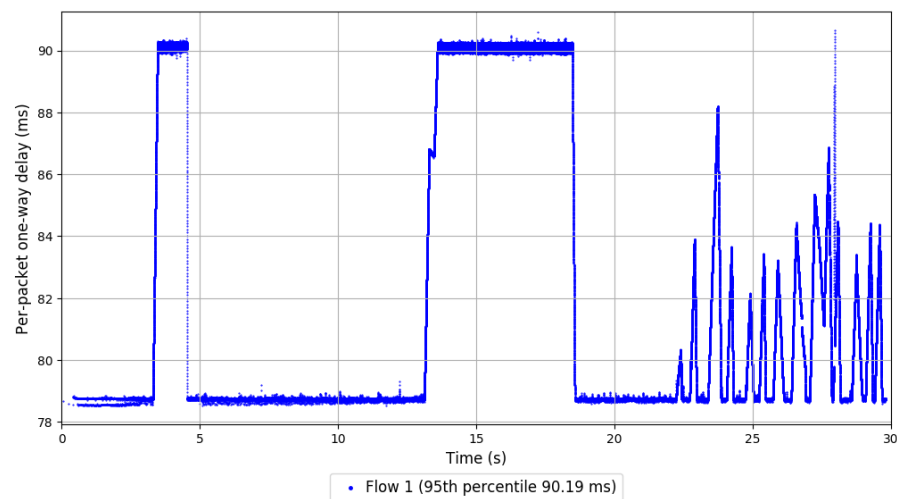
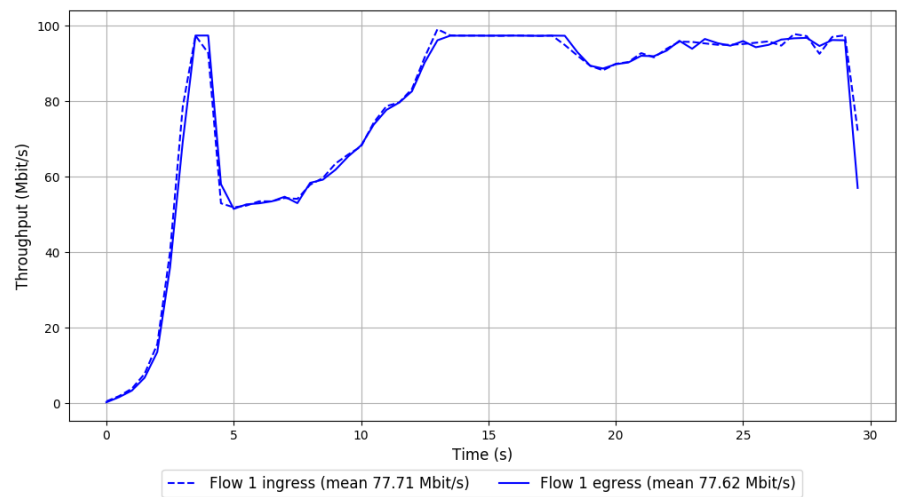
-- Flow 1:

Average throughput: 77.62 Mbit/s

95th percentile per-packet one-way delay: 90.191 ms

Loss rate: 0.68%

Run 7: Report of Vivace-LTE — Data Link



Run 8: Statistics of Vivace-LTE

Start at: 2018-02-19 23:49:58

End at: 2018-02-19 23:50:28

Local clock offset: -5.601 ms

Remote clock offset: 1.228 ms

Below is generated by plot.py at 2018-02-20 04:54:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.34 Mbit/s

95th percentile per-packet one-way delay: 90.098 ms

Loss rate: 0.68%

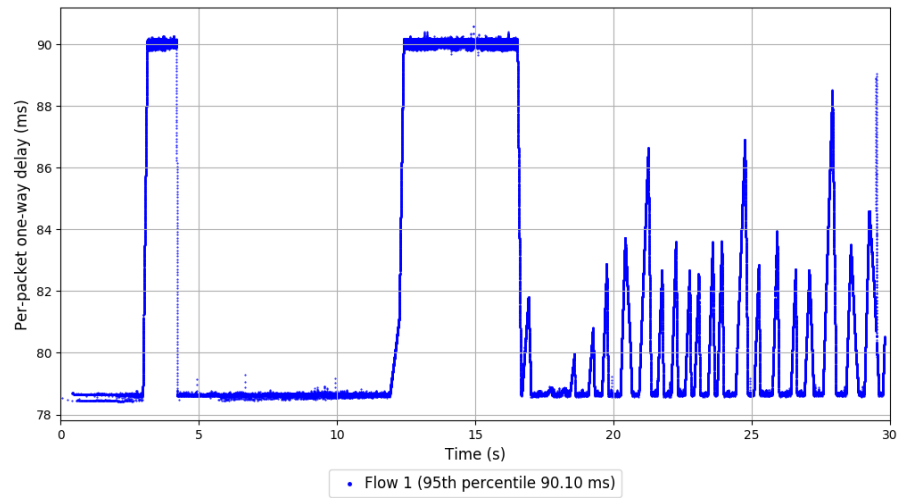
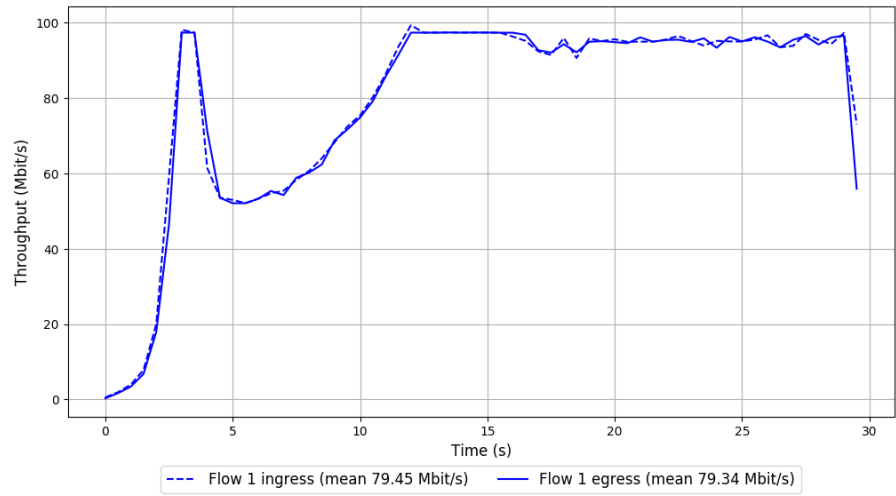
-- Flow 1:

Average throughput: 79.34 Mbit/s

95th percentile per-packet one-way delay: 90.098 ms

Loss rate: 0.68%

Run 8: Report of Vivace-LTE — Data Link

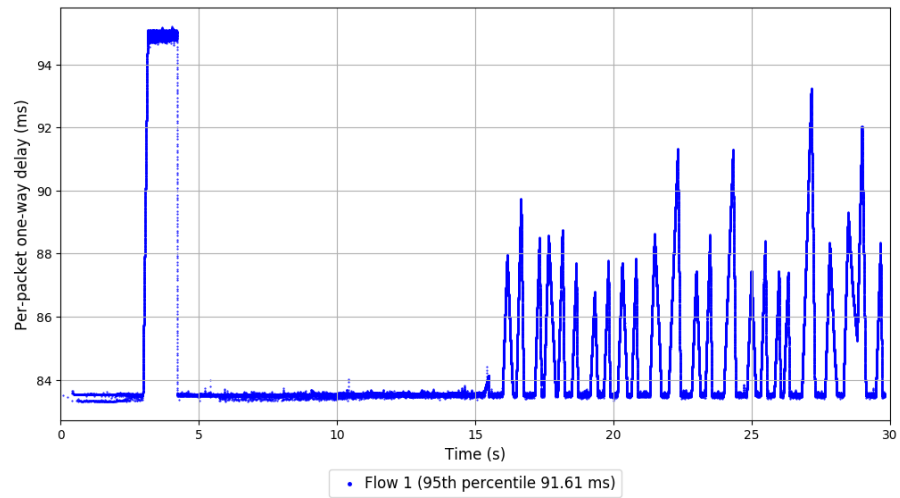
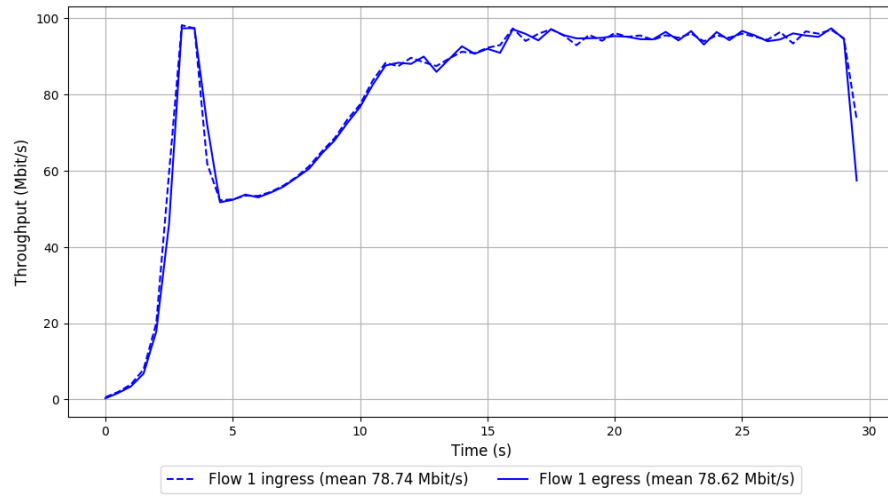


Run 9: Statistics of Vivace-LTE

Start at: 2018-02-20 00:12:03
End at: 2018-02-20 00:12:33
Local clock offset: -6.686 ms
Remote clock offset: -3.647 ms

Below is generated by plot.py at 2018-02-20 04:54:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.62 Mbit/s
95th percentile per-packet one-way delay: 91.605 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 78.62 Mbit/s
95th percentile per-packet one-way delay: 91.605 ms
Loss rate: 0.70%

Run 9: Report of Vivace-LTE — Data Link



Run 10: Statistics of Vivace-LTE

Start at: 2018-02-20 00:34:13

End at: 2018-02-20 00:34:43

Local clock offset: -6.46 ms

Remote clock offset: 2.151 ms

Below is generated by plot.py at 2018-02-20 04:54:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 74.96 Mbit/s

95th percentile per-packet one-way delay: 88.124 ms

Loss rate: 0.73%

-- Flow 1:

Average throughput: 74.96 Mbit/s

95th percentile per-packet one-way delay: 88.124 ms

Loss rate: 0.73%

Run 10: Report of Vivace-LTE — Data Link

