

Pantheon Report

Generated at 2018-03-20 18:32:34 (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).

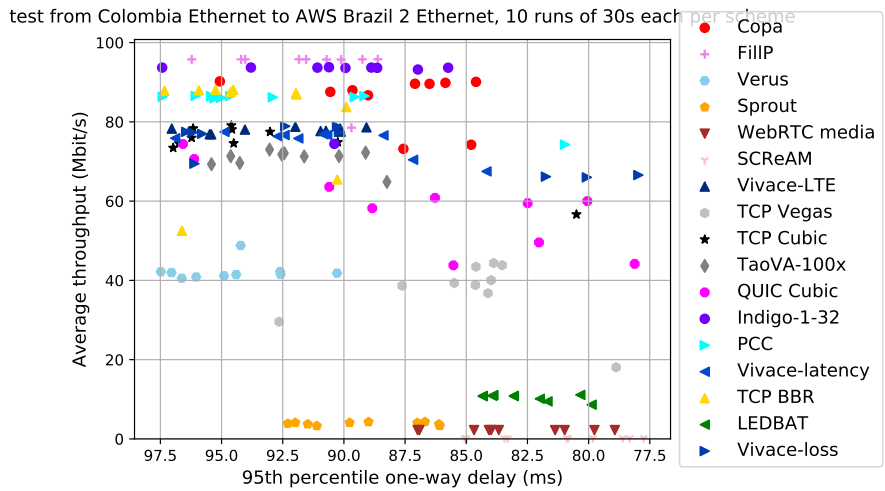
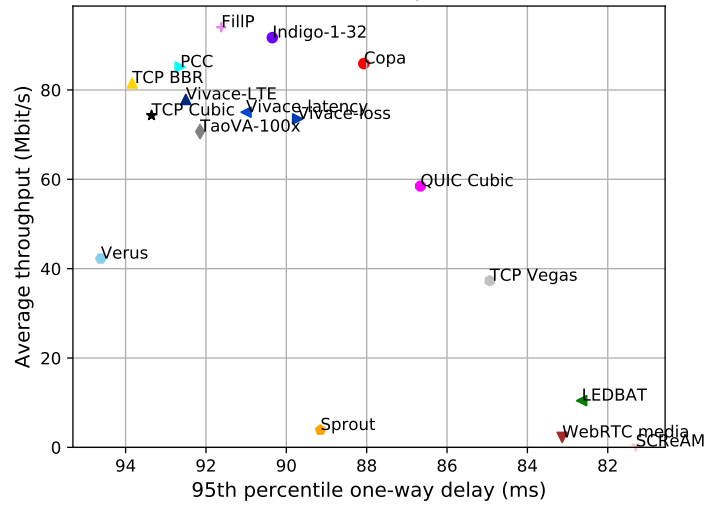
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

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/fillp @ 828bbf95fd4941149b5cec90f281d1c69ae1a5c6
third_party/genericCC @ 9249eea3238475c4d8cca1443d28df70bff6c4a2
third_party/indigo @ a9b2060d39e4da2e8987e893e3eca2a6c7cd0ab9
third_party/indigo-1-layer-128-unit @ 3ae9e4ef4230db7484501f82ce8b377695f2f66d
third_party/indigo-1-layer-32-unit @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/indigo-1-layer-32-unit-no-calib @ 1f3a7f75b41135ed5b540c0fd3505939528e2a5f
third_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ fb1053193c2861da659ba9013db26744ccfcf993
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ 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)



scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	81.55	93.84	1.71
TCP Cubic	10	74.31	93.35	0.61
LEDBAT	10	10.46	82.65	1.16
PCC	10	85.13	92.64	0.79
QUIC Cubic	10	58.48	86.66	0.99
SCReAM	10	0.22	81.30	0.52
WebRTC media	10	2.23	83.13	0.73
Sprout	10	3.88	89.15	0.70
TaoVA-100x	10	70.68	92.15	1.28
TCP Vegas	10	37.29	84.94	0.62
Verus	10	42.26	94.62	1.13
Copa	10	85.91	88.07	2.82
FillP	10	94.04	91.62	2.19
Indigo-1-32	10	91.71	90.35	1.68
Vivace-latency	10	75.02	91.00	0.93
Vivace-loss	10	73.52	89.72	1.25
Vivace-LTE	10	77.88	92.50	0.75

Run 1: Statistics of TCP BBR

Start at: 2018-03-20 10:56:14

End at: 2018-03-20 10:56:44

Local clock offset: -6.058 ms

Remote clock offset: 8.488 ms

Below is generated by plot.py at 2018-03-20 18:13:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.28 Mbit/s

95th percentile per-packet one-way delay: 91.960 ms

Loss rate: 0.72%

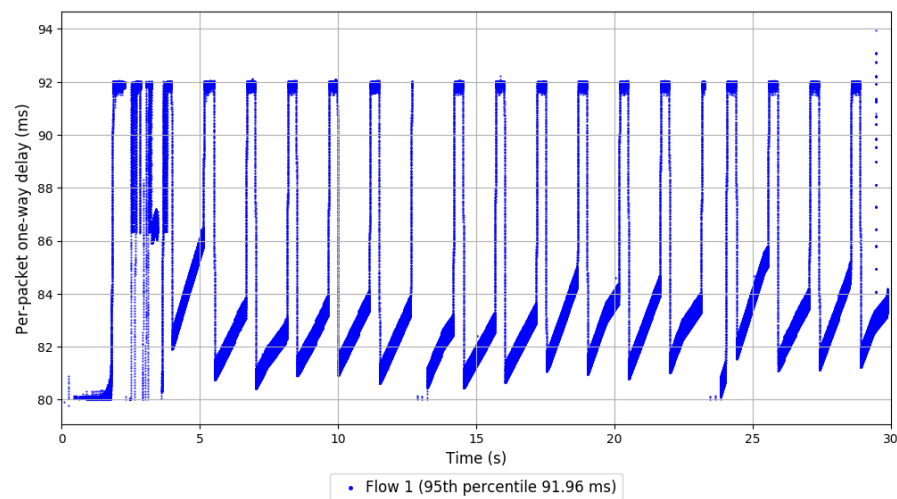
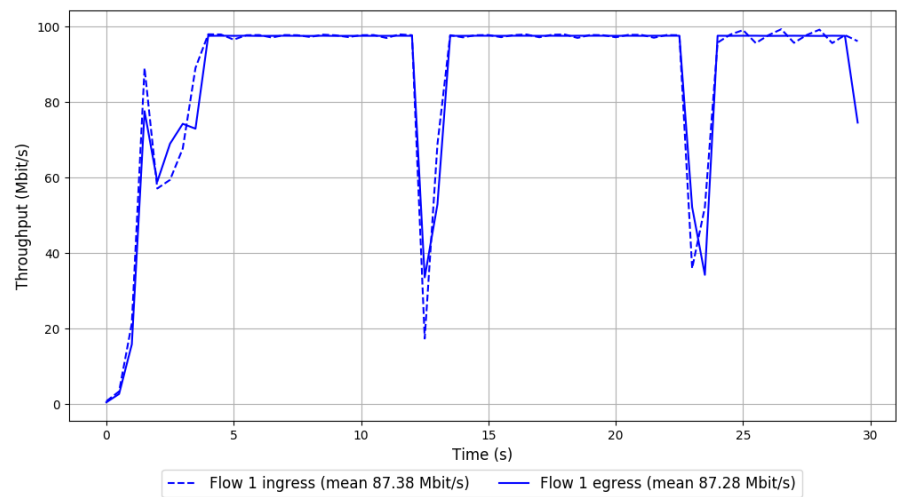
-- Flow 1:

Average throughput: 87.28 Mbit/s

95th percentile per-packet one-way delay: 91.960 ms

Loss rate: 0.72%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2018-03-20 11:18:29

End at: 2018-03-20 11:18:59

Local clock offset: -6.065 ms

Remote clock offset: 4.342 ms

Below is generated by plot.py at 2018-03-20 18:13:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.95 Mbit/s

95th percentile per-packet one-way delay: 95.928 ms

Loss rate: 0.71%

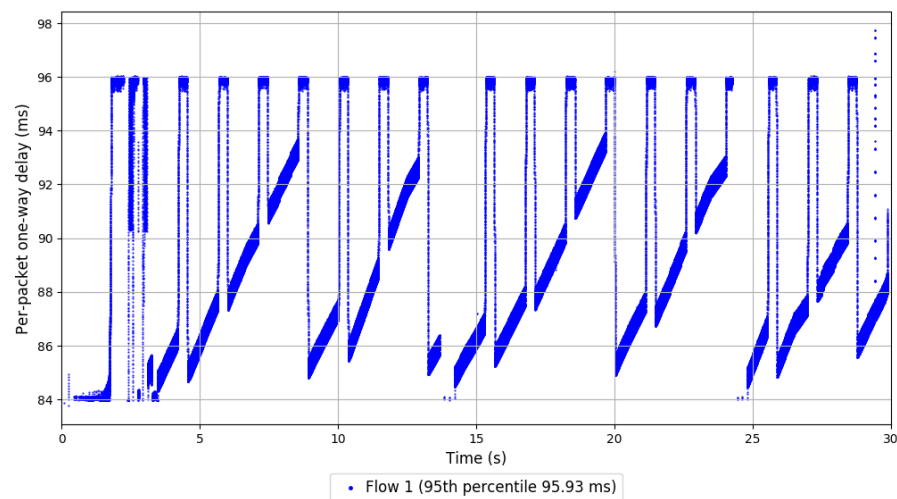
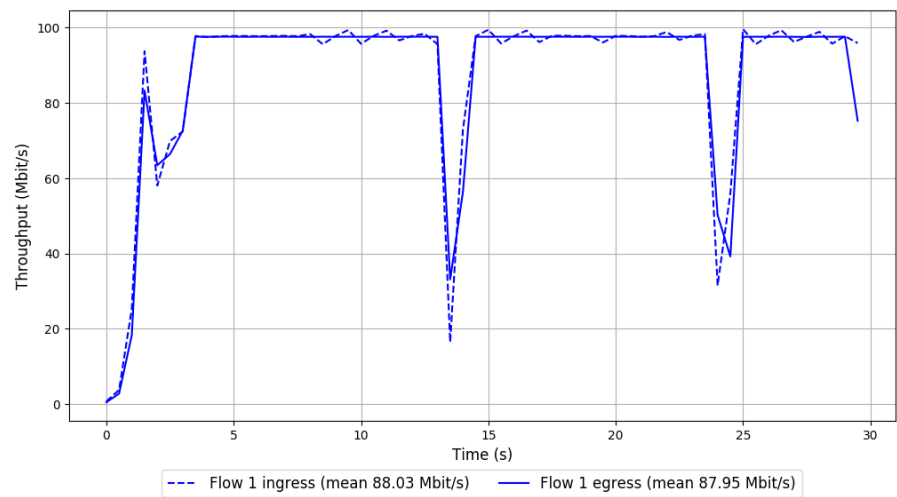
-- Flow 1:

Average throughput: 87.95 Mbit/s

95th percentile per-packet one-way delay: 95.928 ms

Loss rate: 0.71%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2018-03-20 11:40:42

End at: 2018-03-20 11:41:12

Local clock offset: -6.677 ms

Remote clock offset: 4.21 ms

Below is generated by plot.py at 2018-03-20 18:13:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.08 Mbit/s

95th percentile per-packet one-way delay: 94.521 ms

Loss rate: 0.68%

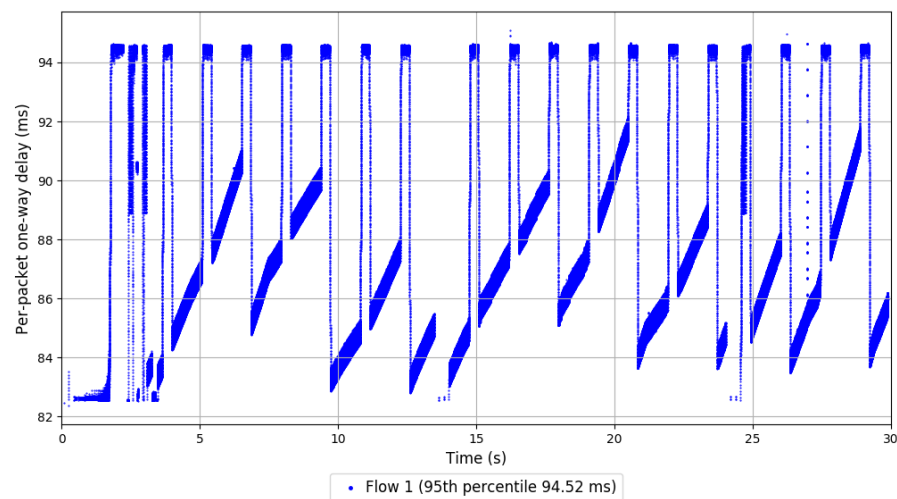
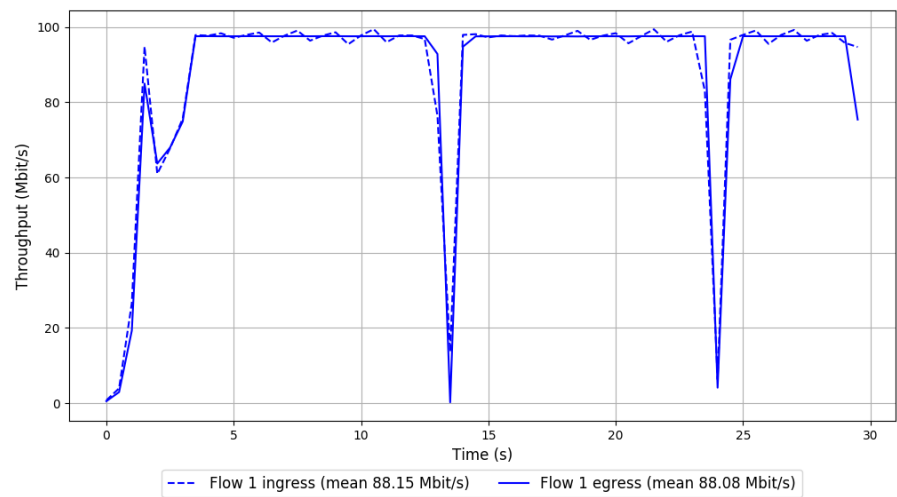
-- Flow 1:

Average throughput: 88.08 Mbit/s

95th percentile per-packet one-way delay: 94.521 ms

Loss rate: 0.68%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2018-03-20 12:02:54

End at: 2018-03-20 12:03:24

Local clock offset: -6.868 ms

Remote clock offset: 9.103 ms

Below is generated by plot.py at 2018-03-20 18:13:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.55 Mbit/s

95th percentile per-packet one-way delay: 94.633 ms

Loss rate: 0.69%

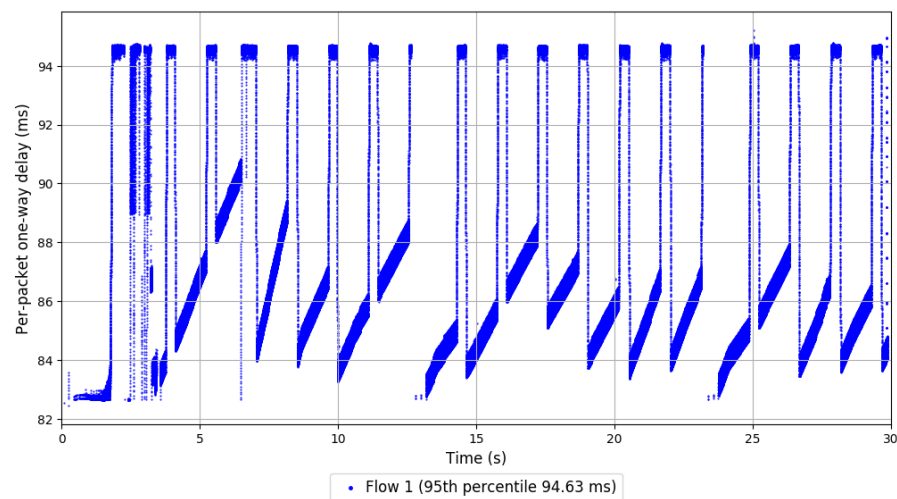
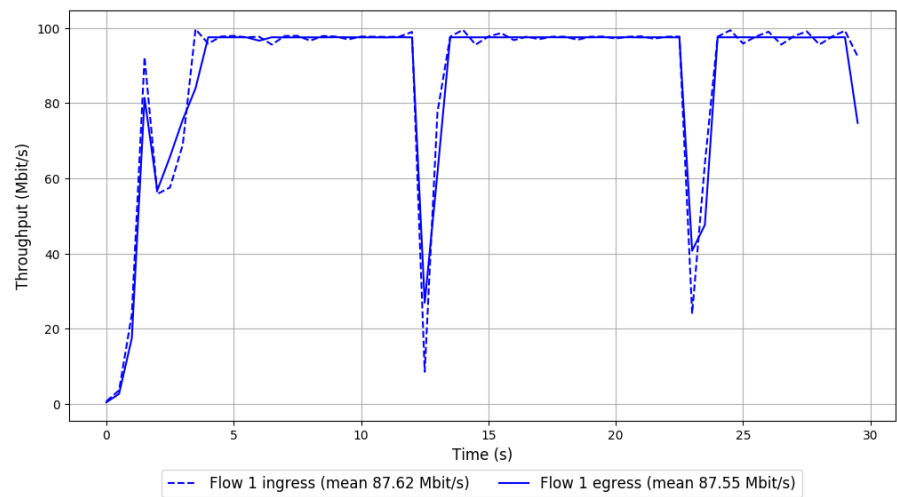
-- Flow 1:

Average throughput: 87.55 Mbit/s

95th percentile per-packet one-way delay: 94.633 ms

Loss rate: 0.69%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2018-03-20 12:25:05

End at: 2018-03-20 12:25:35

Local clock offset: -6.903 ms

Remote clock offset: 6.363 ms

Below is generated by plot.py at 2018-03-20 18:13:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.84 Mbit/s

95th percentile per-packet one-way delay: 97.334 ms

Loss rate: 0.68%

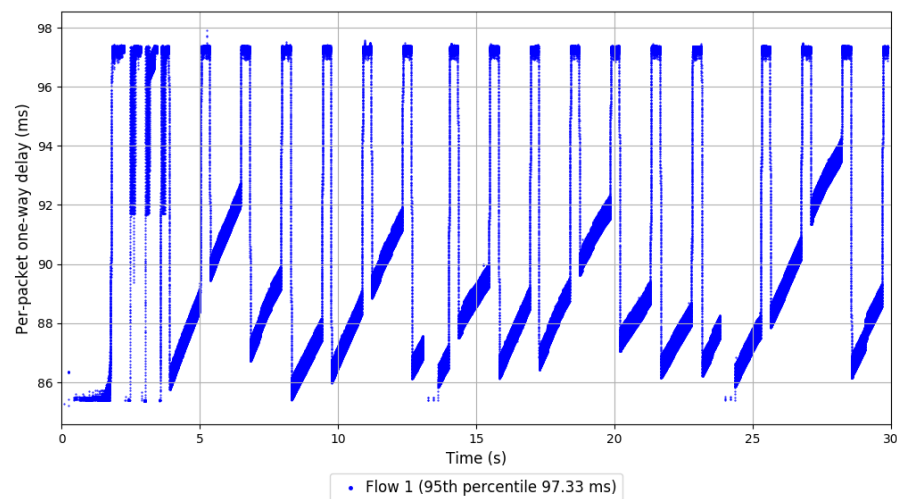
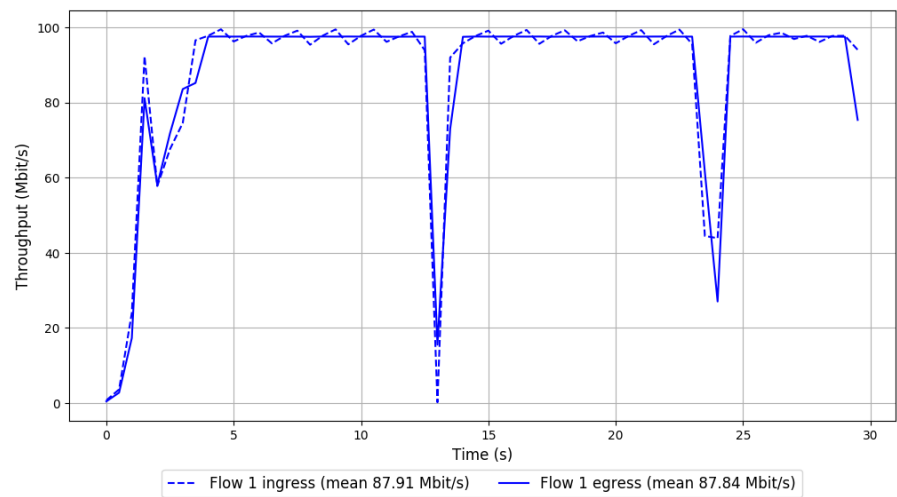
-- Flow 1:

Average throughput: 87.84 Mbit/s

95th percentile per-packet one-way delay: 97.334 ms

Loss rate: 0.68%

Run 5: Report of TCP BBR — Data Link

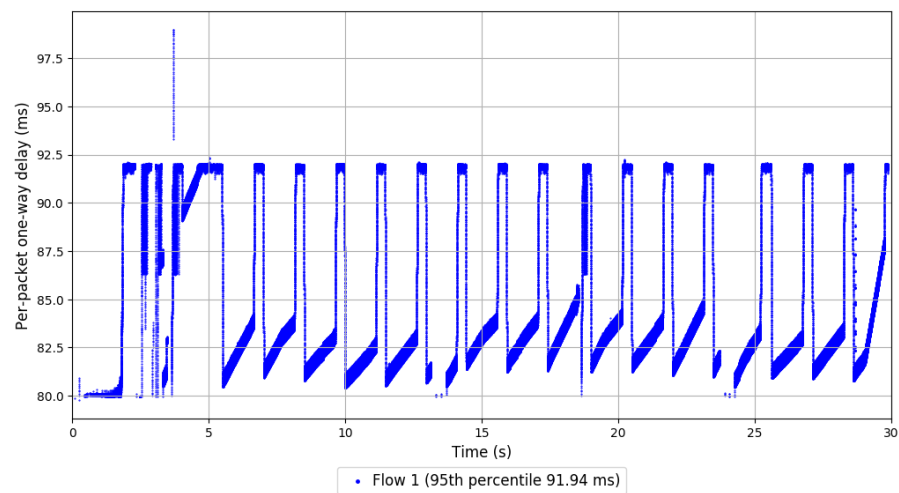
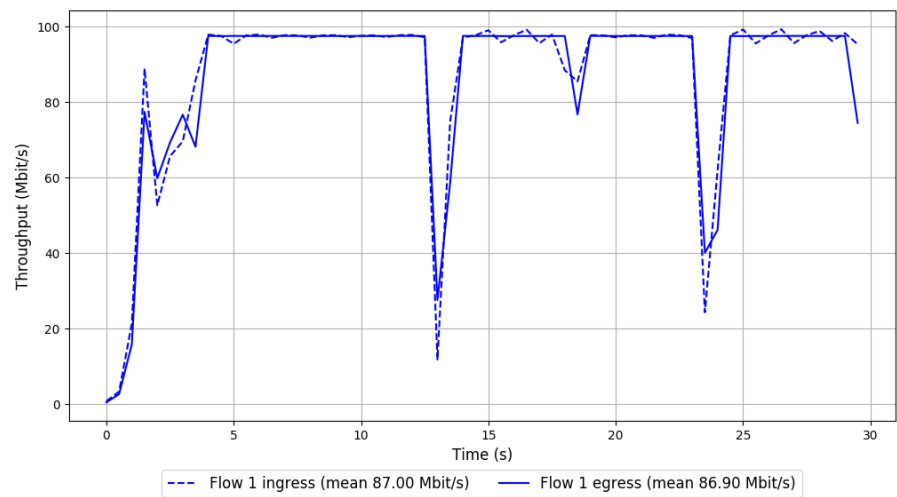


Run 6: Statistics of TCP BBR

Start at: 2018-03-20 12:47:24
End at: 2018-03-20 12:47:54
Local clock offset: -6.651 ms
Remote clock offset: 10.045 ms

Below is generated by plot.py at 2018-03-20 18:13:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.90 Mbit/s
95th percentile per-packet one-way delay: 91.945 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 86.90 Mbit/s
95th percentile per-packet one-way delay: 91.945 ms
Loss rate: 0.72%

Run 6: Report of TCP BBR — Data Link

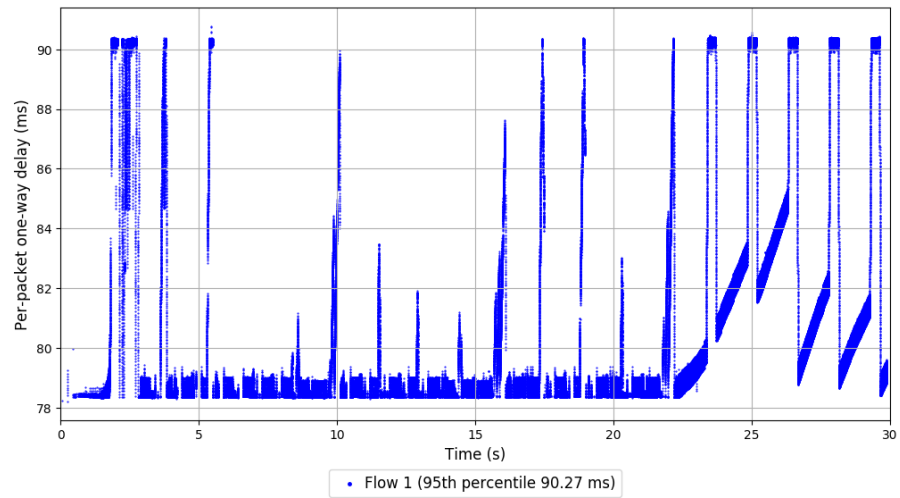
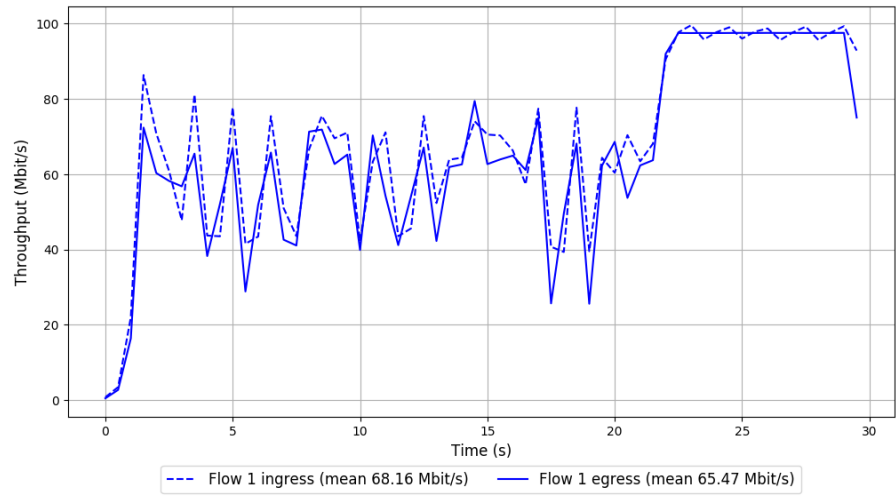


Run 7: Statistics of TCP BBR

Start at: 2018-03-20 13:09:38
End at: 2018-03-20 13:10:08
Local clock offset: -6.69 ms
Remote clock offset: 10.365 ms

Below is generated by plot.py at 2018-03-20 18:13:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 65.47 Mbit/s
95th percentile per-packet one-way delay: 90.272 ms
Loss rate: 4.52%
-- Flow 1:
Average throughput: 65.47 Mbit/s
95th percentile per-packet one-way delay: 90.272 ms
Loss rate: 4.52%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: 2018-03-20 13:31:48

End at: 2018-03-20 13:32:18

Local clock offset: -7.052 ms

Remote clock offset: 6.601 ms

Below is generated by plot.py at 2018-03-20 18:13:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 52.54 Mbit/s

95th percentile per-packet one-way delay: 96.620 ms

Loss rate: 7.00%

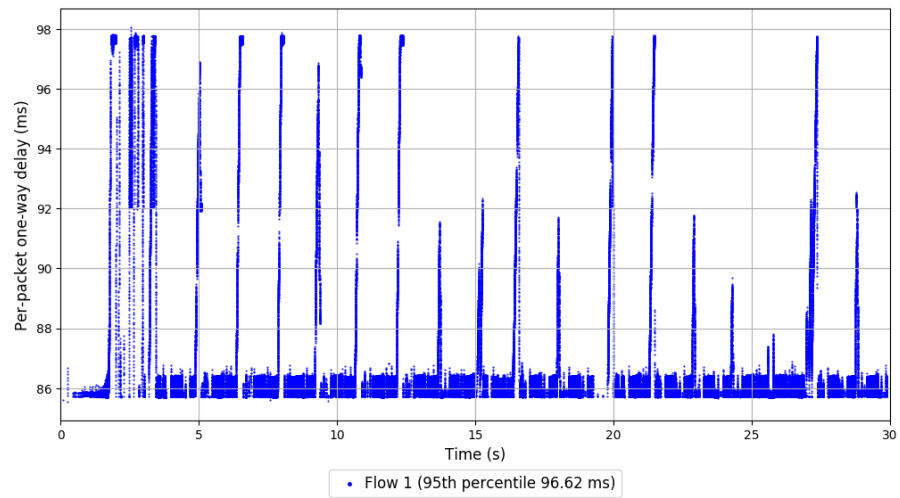
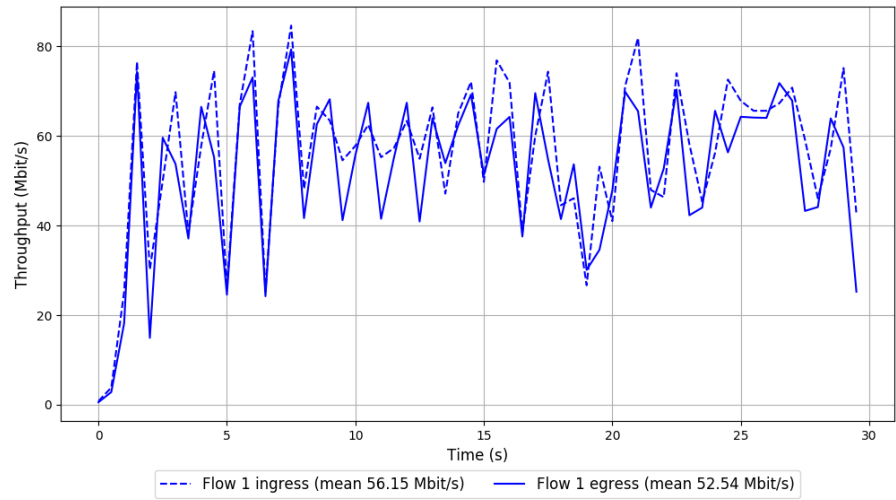
-- Flow 1:

Average throughput: 52.54 Mbit/s

95th percentile per-packet one-way delay: 96.620 ms

Loss rate: 7.00%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: 2018-03-20 13:54:02

End at: 2018-03-20 13:54:32

Local clock offset: -6.088 ms

Remote clock offset: 6.041 ms

Below is generated by plot.py at 2018-03-20 18:13:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.13 Mbit/s

95th percentile per-packet one-way delay: 95.244 ms

Loss rate: 0.70%

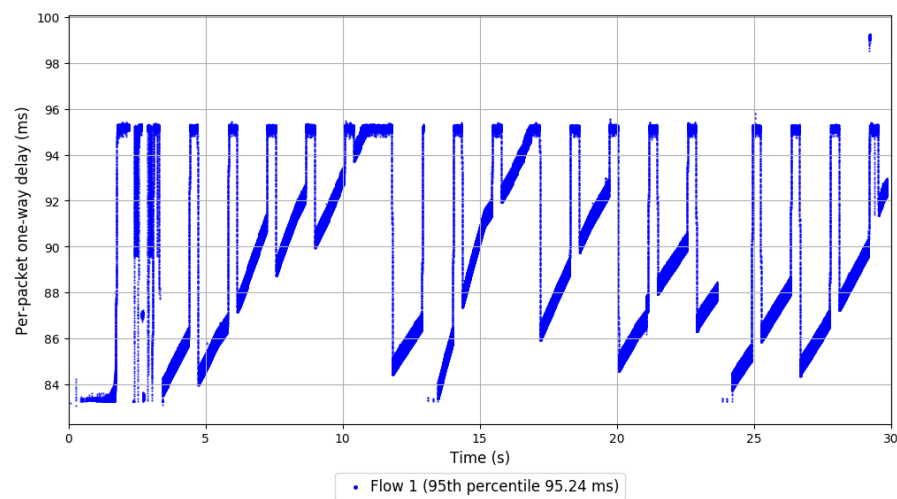
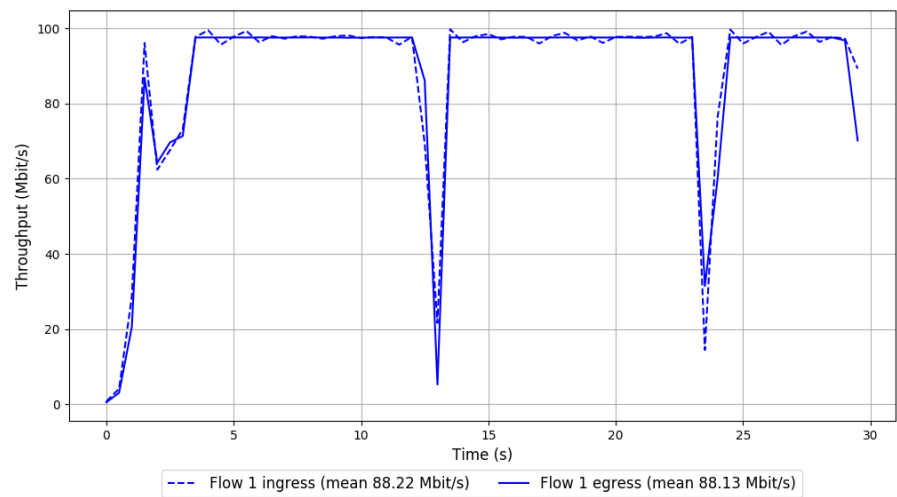
-- Flow 1:

Average throughput: 88.13 Mbit/s

95th percentile per-packet one-way delay: 95.244 ms

Loss rate: 0.70%

Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

Start at: 2018-03-20 14:16:13

End at: 2018-03-20 14:16:43

Local clock offset: -5.611 ms

Remote clock offset: 11.76 ms

Below is generated by plot.py at 2018-03-20 18:14:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.73 Mbit/s

95th percentile per-packet one-way delay: 89.902 ms

Loss rate: 0.72%

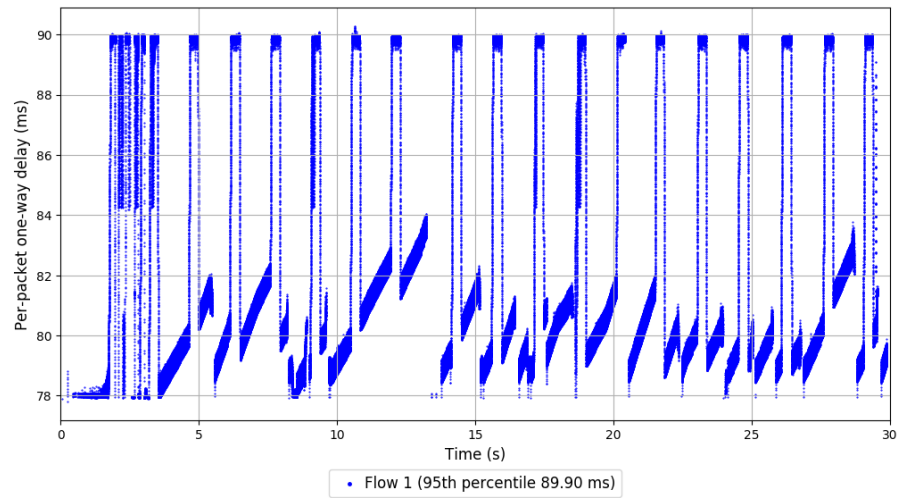
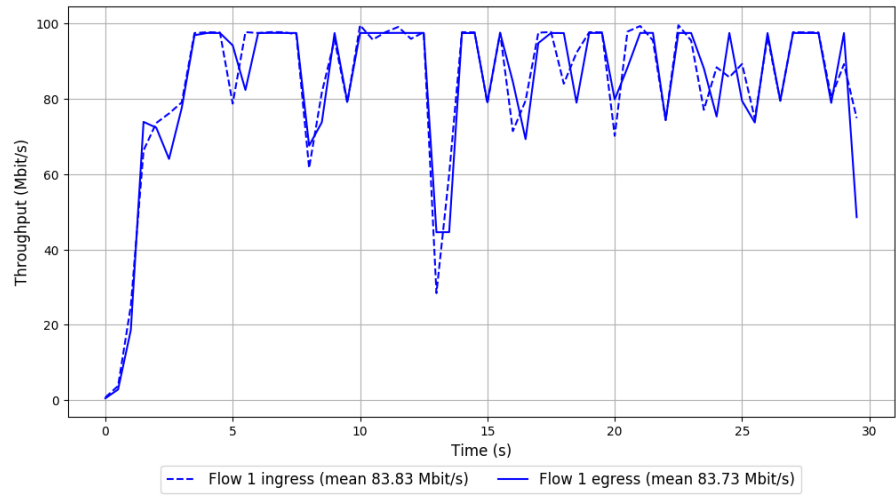
-- Flow 1:

Average throughput: 83.73 Mbit/s

95th percentile per-packet one-way delay: 89.902 ms

Loss rate: 0.72%

Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of TCP Cubic

Start at: 2018-03-20 10:53:50

End at: 2018-03-20 10:54:20

Local clock offset: -6.088 ms

Remote clock offset: 3.786 ms

Below is generated by plot.py at 2018-03-20 18:14:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.44 Mbit/s

95th percentile per-packet one-way delay: 96.977 ms

Loss rate: 0.55%

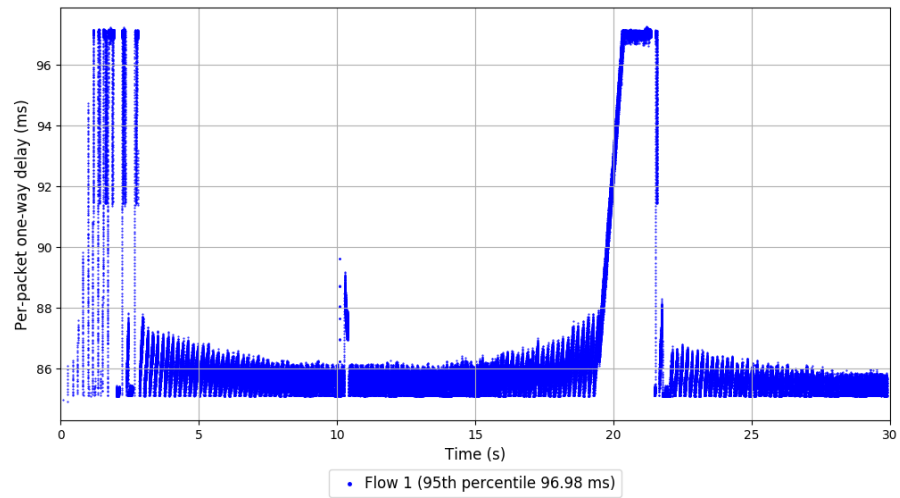
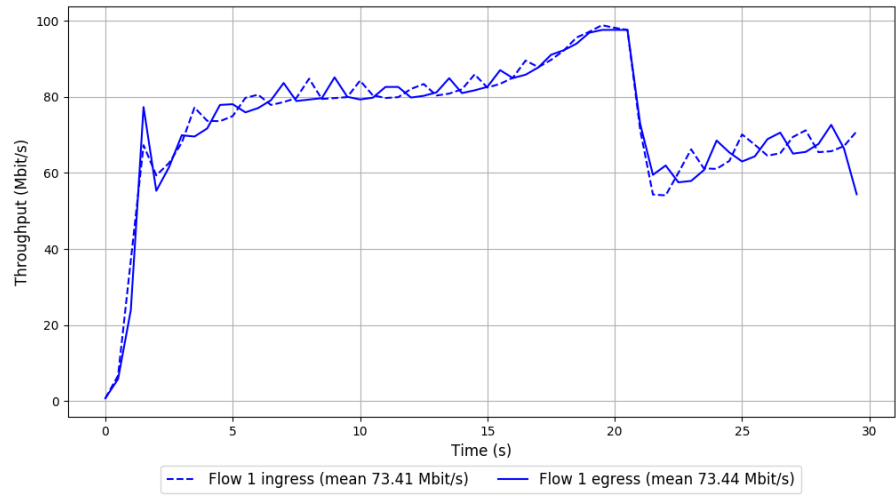
-- Flow 1:

Average throughput: 73.44 Mbit/s

95th percentile per-packet one-way delay: 96.977 ms

Loss rate: 0.55%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: 2018-03-20 11:16:04

End at: 2018-03-20 11:16:34

Local clock offset: -6.063 ms

Remote clock offset: 3.524 ms

Below is generated by plot.py at 2018-03-20 18:14:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 74.54 Mbit/s

95th percentile per-packet one-way delay: 96.738 ms

Loss rate: 0.49%

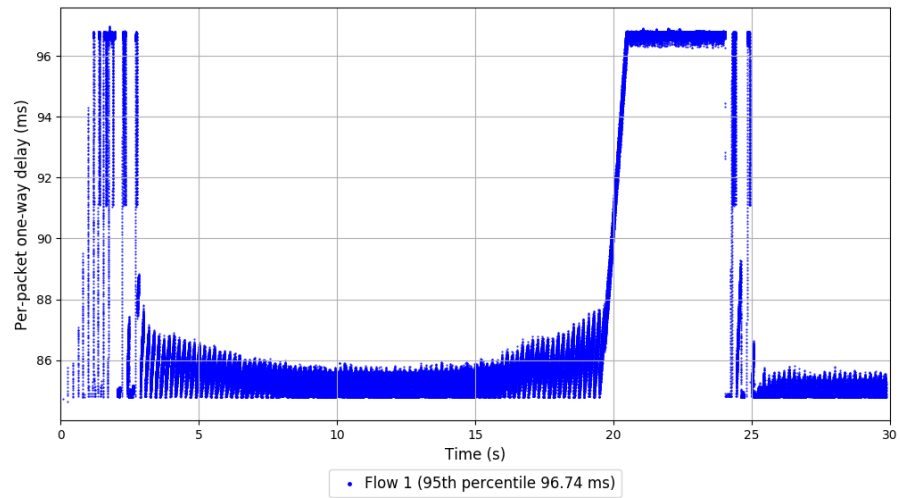
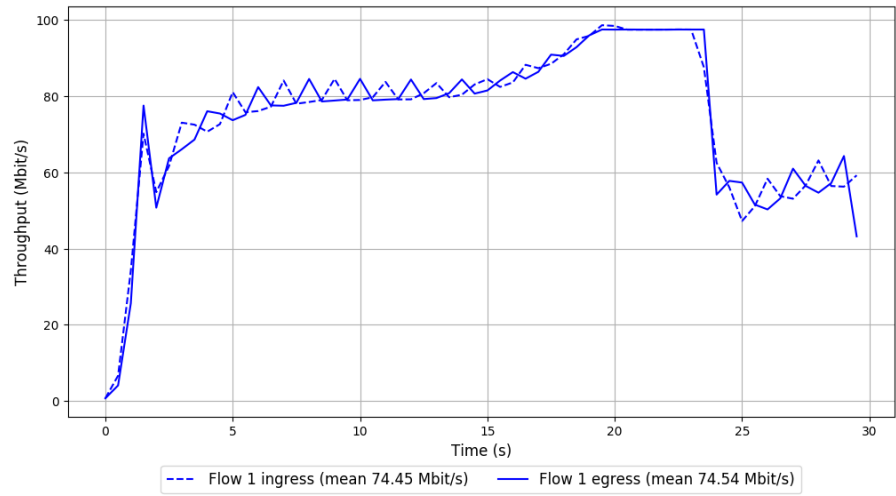
-- Flow 1:

Average throughput: 74.54 Mbit/s

95th percentile per-packet one-way delay: 96.738 ms

Loss rate: 0.49%

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: 2018-03-20 11:38:17

End at: 2018-03-20 11:38:47

Local clock offset: -6.62 ms

Remote clock offset: 7.213 ms

Below is generated by plot.py at 2018-03-20 18:14:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.48 Mbit/s

95th percentile per-packet one-way delay: 93.018 ms

Loss rate: 0.65%

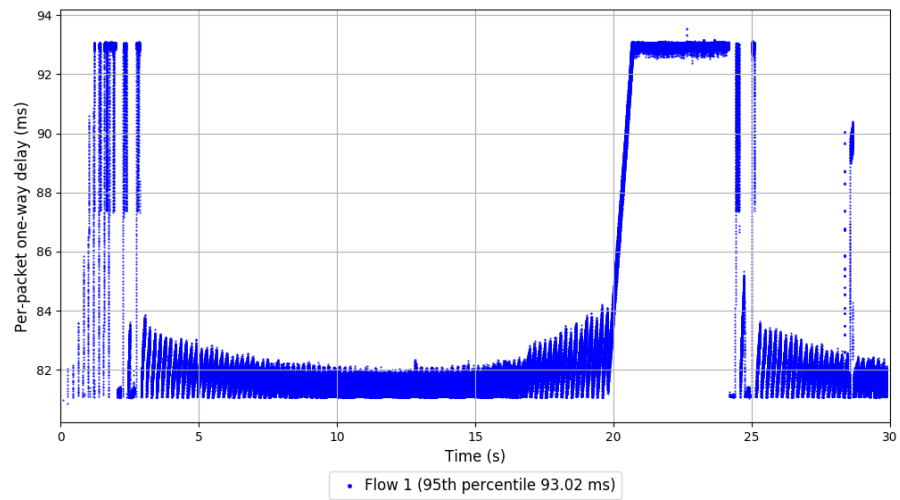
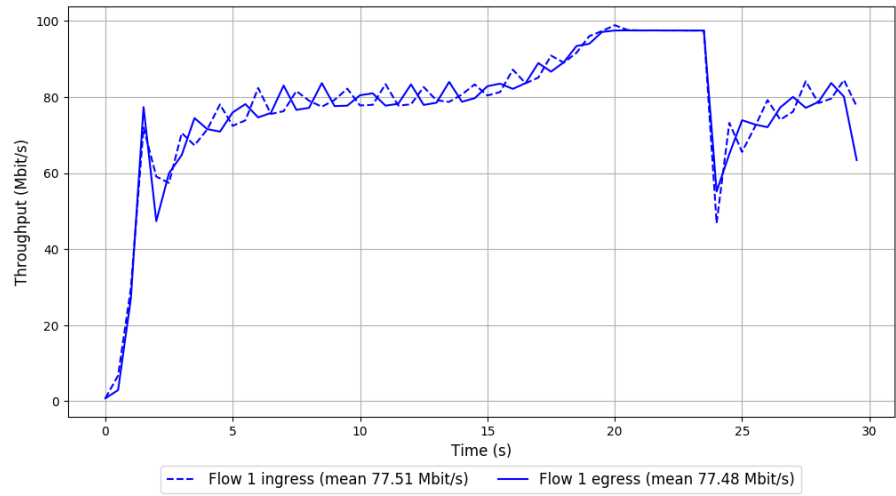
-- Flow 1:

Average throughput: 77.48 Mbit/s

95th percentile per-packet one-way delay: 93.018 ms

Loss rate: 0.65%

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: 2018-03-20 12:00:30

End at: 2018-03-20 12:01:00

Local clock offset: -6.877 ms

Remote clock offset: 5.917 ms

Below is generated by plot.py at 2018-03-20 18:14:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.99 Mbit/s

95th percentile per-packet one-way delay: 96.224 ms

Loss rate: 0.65%

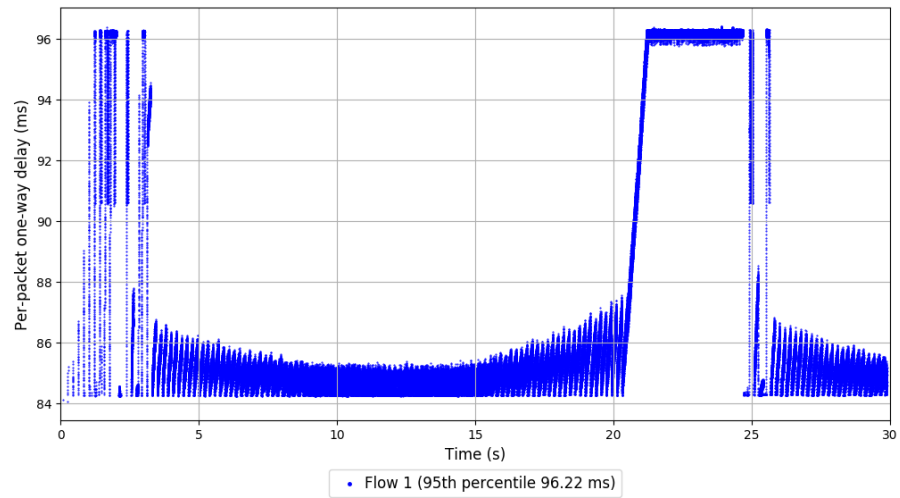
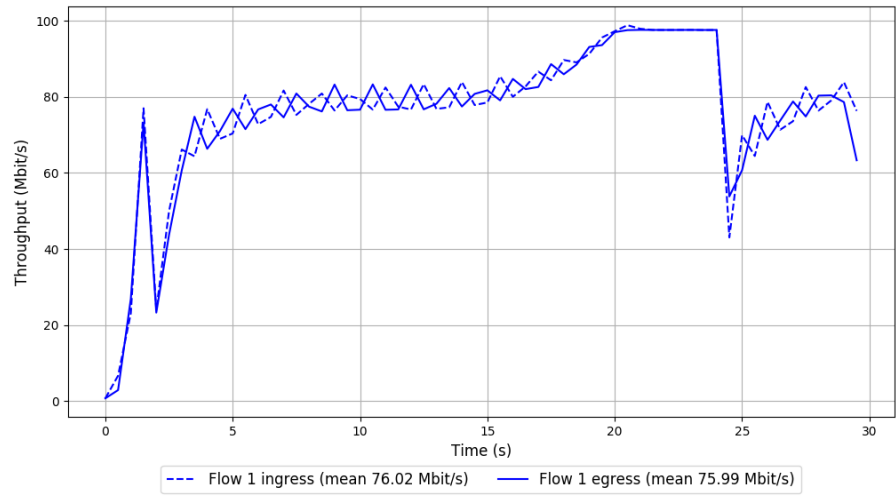
-- Flow 1:

Average throughput: 75.99 Mbit/s

95th percentile per-packet one-way delay: 96.224 ms

Loss rate: 0.65%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: 2018-03-20 12:22:40

End at: 2018-03-20 12:23:10

Local clock offset: -6.889 ms

Remote clock offset: 6.477 ms

Below is generated by plot.py at 2018-03-20 18:14:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 74.59 Mbit/s

95th percentile per-packet one-way delay: 94.504 ms

Loss rate: 0.48%

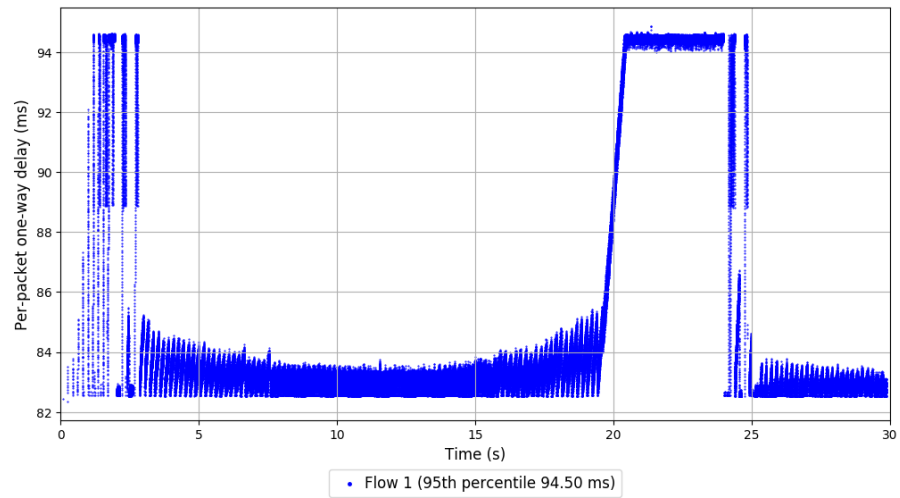
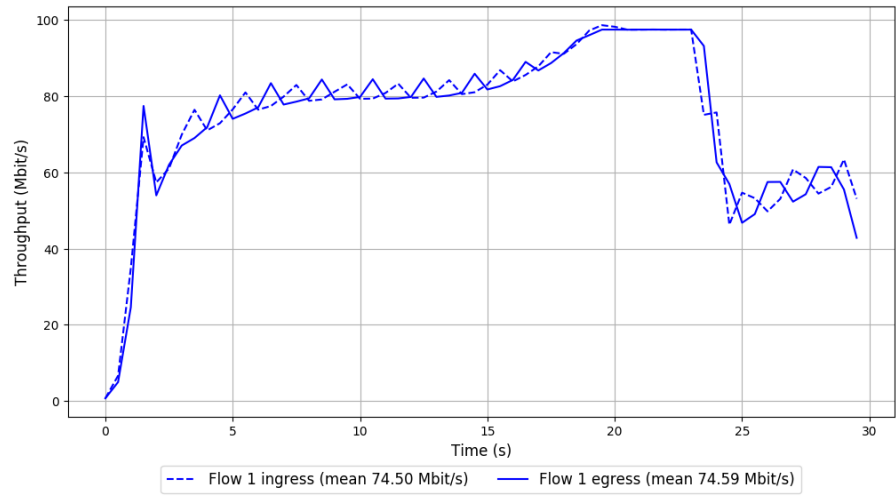
-- Flow 1:

Average throughput: 74.59 Mbit/s

95th percentile per-packet one-way delay: 94.504 ms

Loss rate: 0.48%

Run 5: Report of TCP Cubic — Data Link

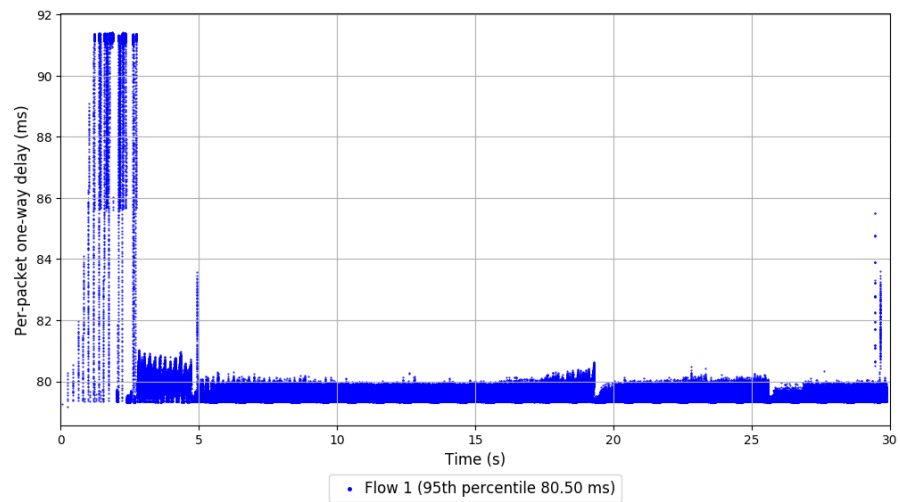
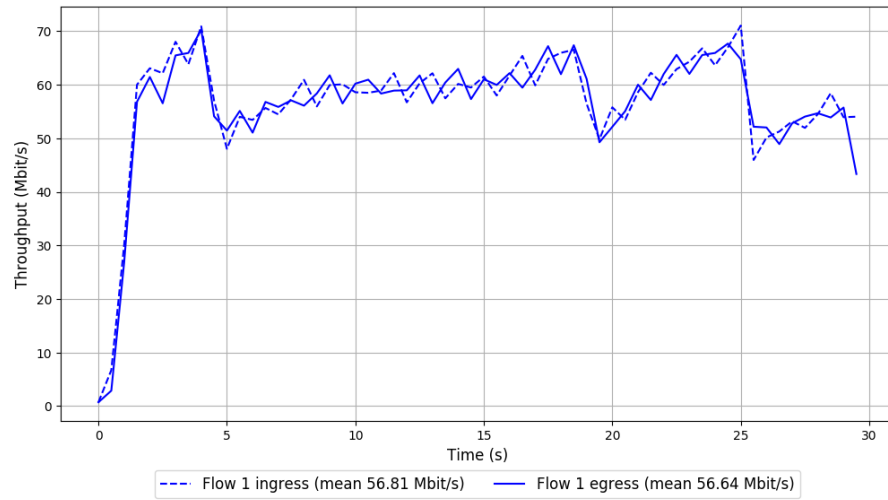


Run 6: Statistics of TCP Cubic

Start at: 2018-03-20 12:45:00
End at: 2018-03-20 12:45:30
Local clock offset: -6.666 ms
Remote clock offset: 10.864 ms

Below is generated by plot.py at 2018-03-20 18:14:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 56.64 Mbit/s
95th percentile per-packet one-way delay: 80.497 ms
Loss rate: 0.90%
-- Flow 1:
Average throughput: 56.64 Mbit/s
95th percentile per-packet one-way delay: 80.497 ms
Loss rate: 0.90%

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: 2018-03-20 13:07:12

End at: 2018-03-20 13:07:42

Local clock offset: -6.691 ms

Remote clock offset: 6.473 ms

Below is generated by plot.py at 2018-03-20 18:15:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.34 Mbit/s

95th percentile per-packet one-way delay: 96.161 ms

Loss rate: 0.65%

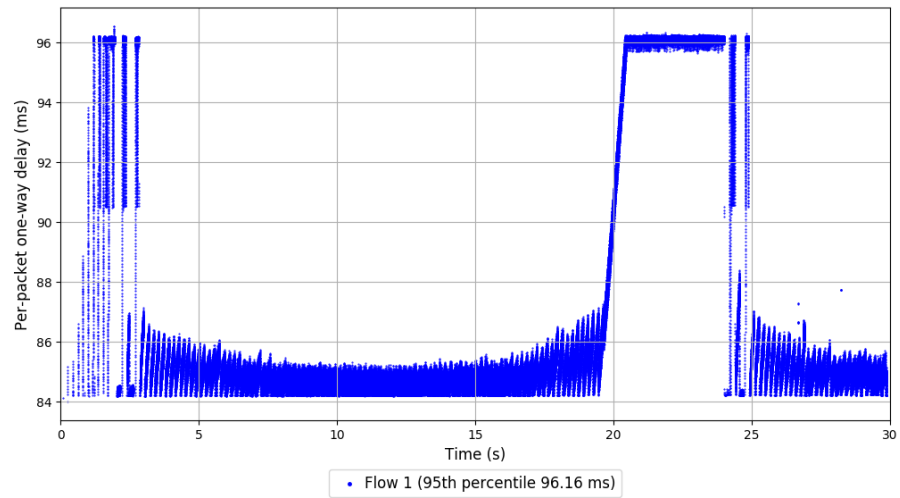
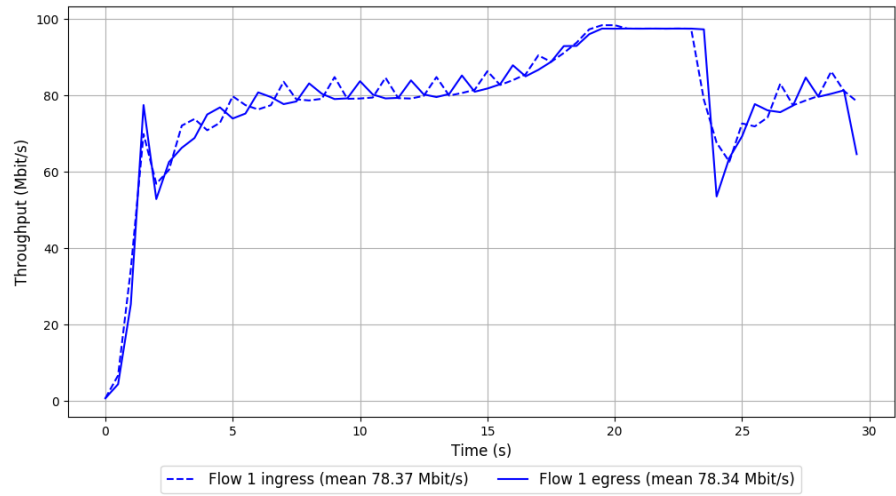
-- Flow 1:

Average throughput: 78.34 Mbit/s

95th percentile per-packet one-way delay: 96.161 ms

Loss rate: 0.65%

Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: 2018-03-20 13:29:23

End at: 2018-03-20 13:29:53

Local clock offset: -7.035 ms

Remote clock offset: 6.656 ms

Below is generated by plot.py at 2018-03-20 18:15:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.09 Mbit/s

95th percentile per-packet one-way delay: 94.601 ms

Loss rate: 0.63%

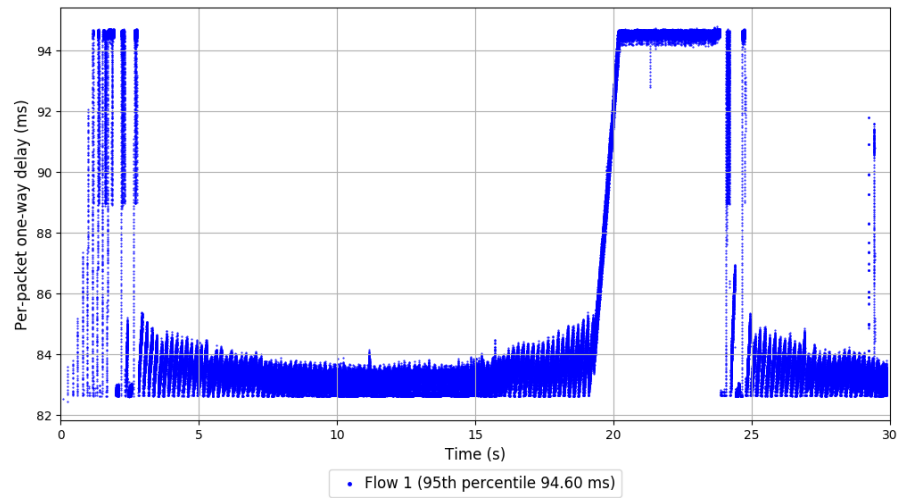
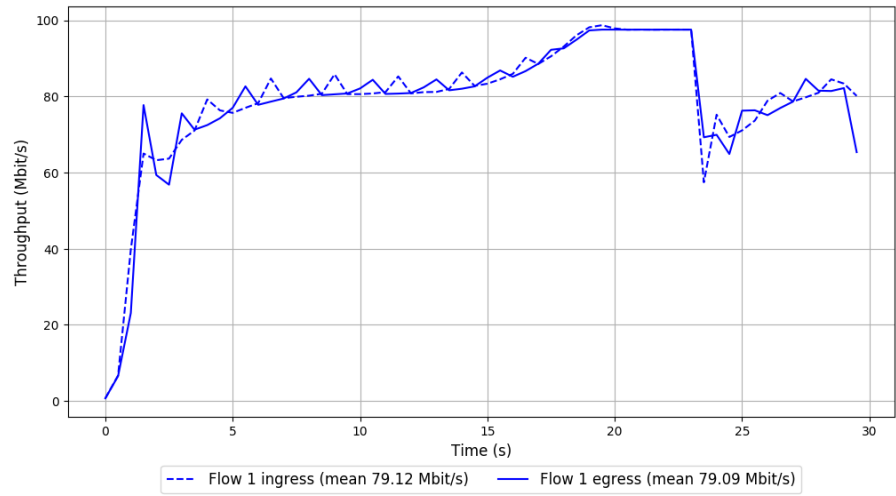
-- Flow 1:

Average throughput: 79.09 Mbit/s

95th percentile per-packet one-way delay: 94.601 ms

Loss rate: 0.63%

Run 8: Report of TCP Cubic — Data Link



Run 9: Statistics of TCP Cubic

Start at: 2018-03-20 13:51:37

End at: 2018-03-20 13:52:07

Local clock offset: -6.178 ms

Remote clock offset: 6.846 ms

Below is generated by plot.py at 2018-03-20 18:15:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.09 Mbit/s

95th percentile per-packet one-way delay: 94.574 ms

Loss rate: 0.64%

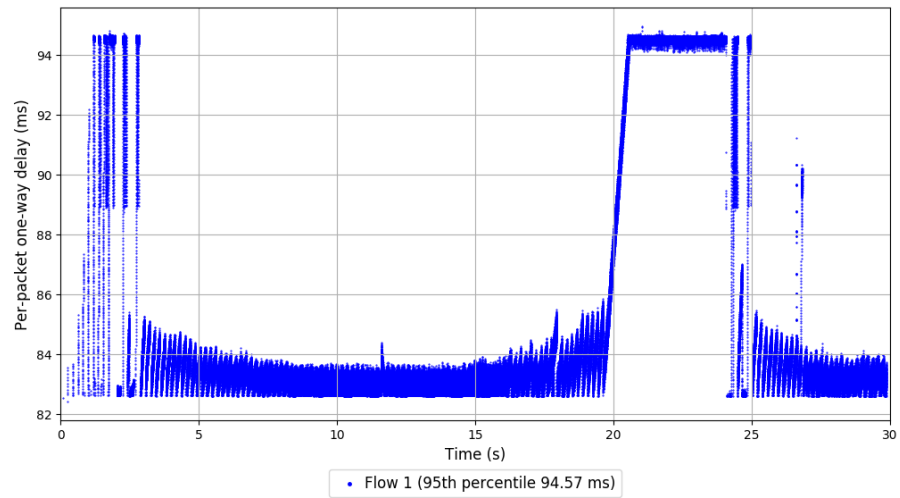
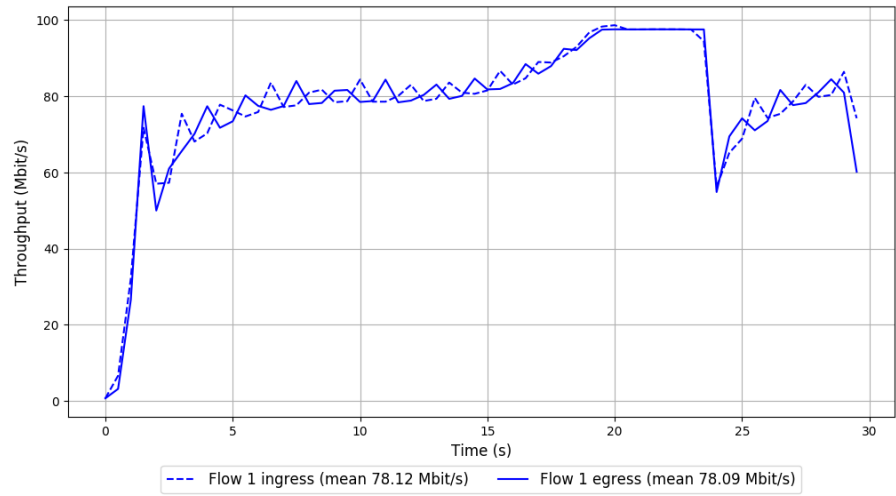
-- Flow 1:

Average throughput: 78.09 Mbit/s

95th percentile per-packet one-way delay: 94.574 ms

Loss rate: 0.64%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2018-03-20 14:13:48

End at: 2018-03-20 14:14:18

Local clock offset: -5.638 ms

Remote clock offset: 10.985 ms

Below is generated by plot.py at 2018-03-20 18:15:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 74.87 Mbit/s

95th percentile per-packet one-way delay: 90.251 ms

Loss rate: 0.48%

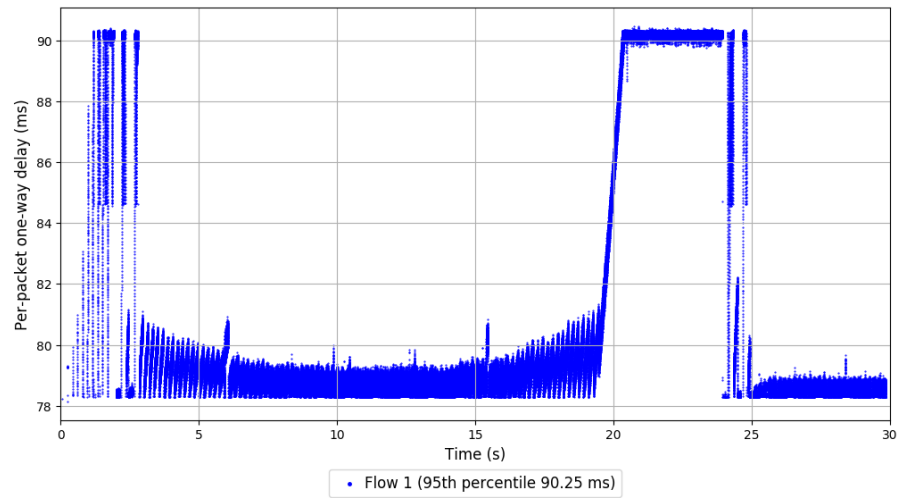
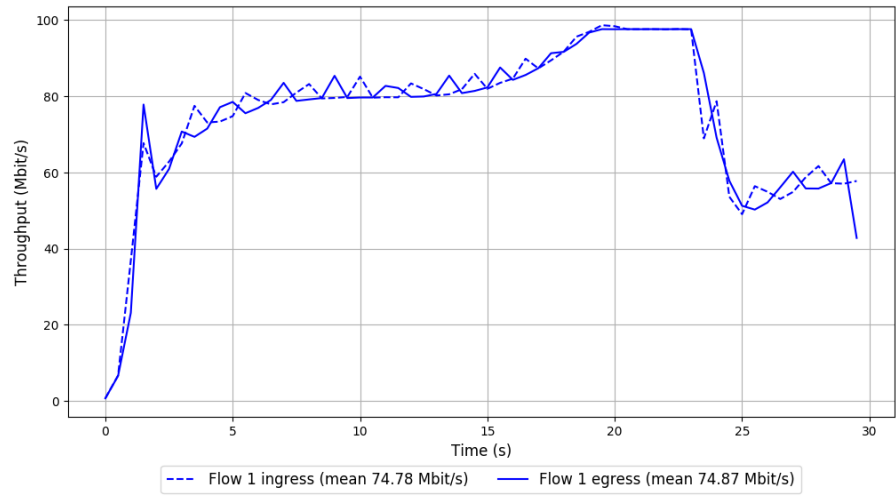
-- Flow 1:

Average throughput: 74.87 Mbit/s

95th percentile per-packet one-way delay: 90.251 ms

Loss rate: 0.48%

Run 10: Report of TCP Cubic — Data Link

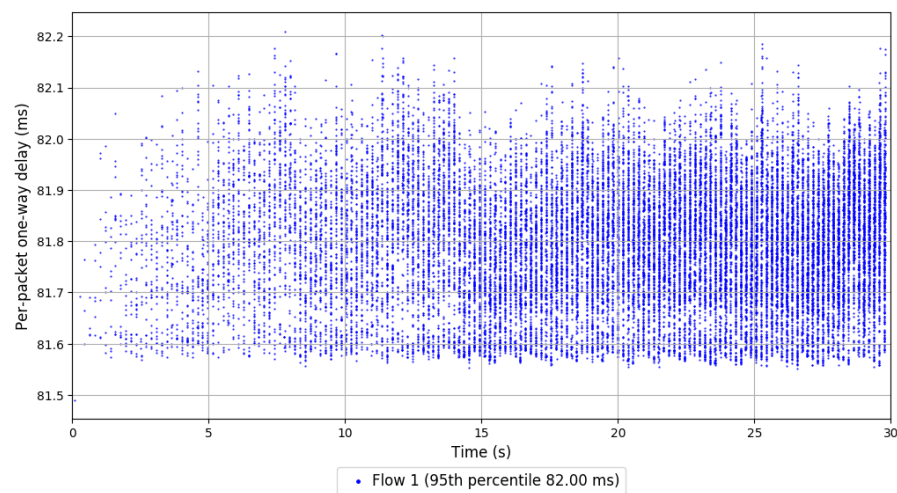
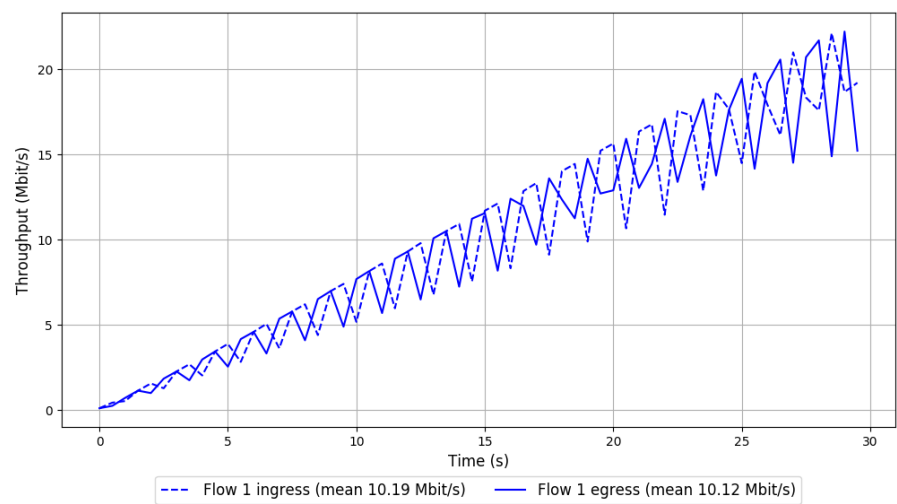


```
Run 1: Statistics of LEDBAT

Start at: 2018-03-20 10:45:15
End at: 2018-03-20 10:45:45
Local clock offset: -6.076 ms
Remote clock offset: 8.565 ms

# Below is generated by plot.py at 2018-03-20 18:15:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.12 Mbit/s
95th percentile per-packet one-way delay: 81.996 ms
Loss rate: 1.26%
-- Flow 1:
Average throughput: 10.12 Mbit/s
95th percentile per-packet one-way delay: 81.996 ms
Loss rate: 1.26%
```


Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: 2018-03-20 11:07:28

End at: 2018-03-20 11:07:58

Local clock offset: -6.043 ms

Remote clock offset: 3.589 ms

Below is generated by plot.py at 2018-03-20 18:15:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 10.88 Mbit/s

95th percentile per-packet one-way delay: 83.941 ms

Loss rate: 1.21%

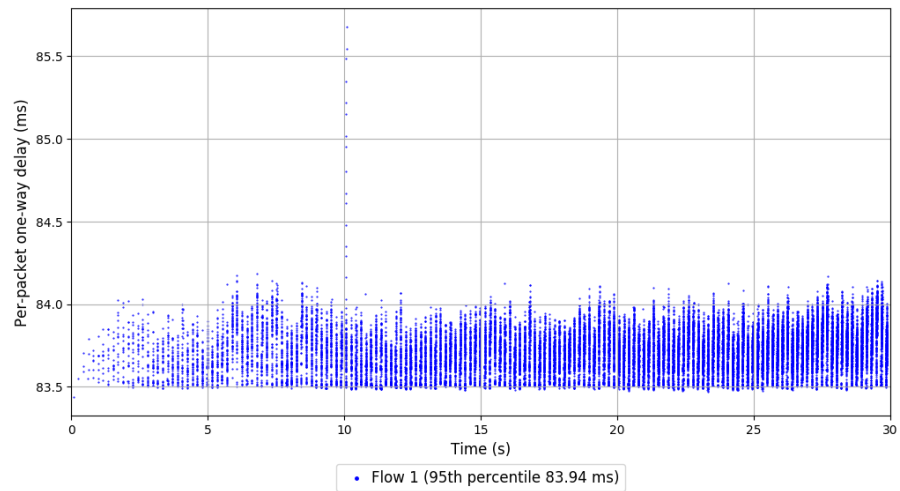
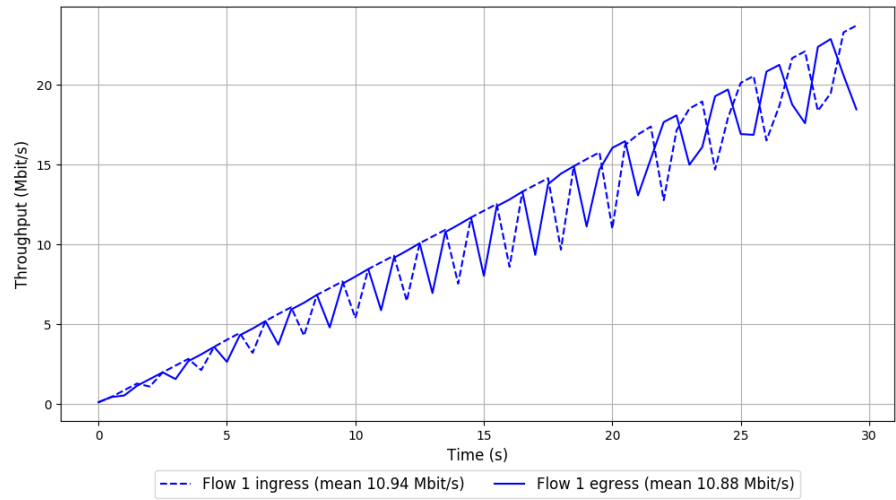
-- Flow 1:

Average throughput: 10.88 Mbit/s

95th percentile per-packet one-way delay: 83.941 ms

Loss rate: 1.21%

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: 2018-03-20 11:29:42

End at: 2018-03-20 11:30:12

Local clock offset: -6.416 ms

Remote clock offset: 3.356 ms

Below is generated by plot.py at 2018-03-20 18:15:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.05 Mbit/s

95th percentile per-packet one-way delay: 83.893 ms

Loss rate: 1.20%

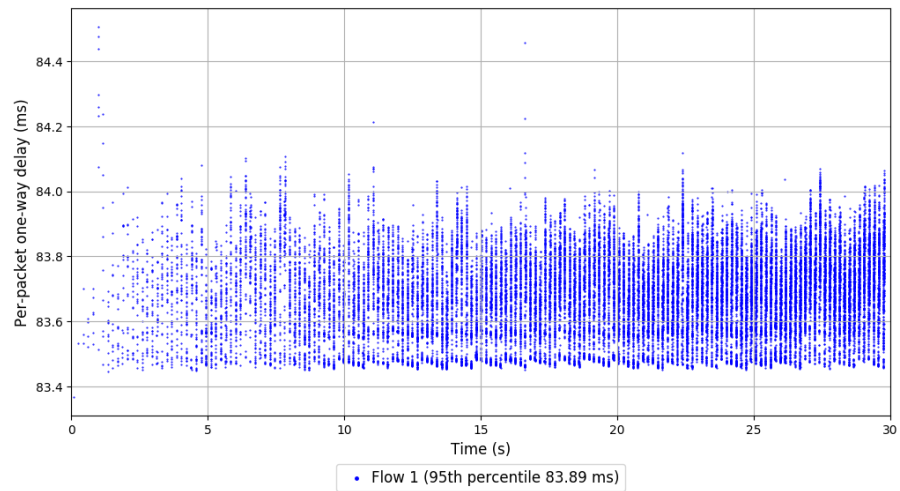
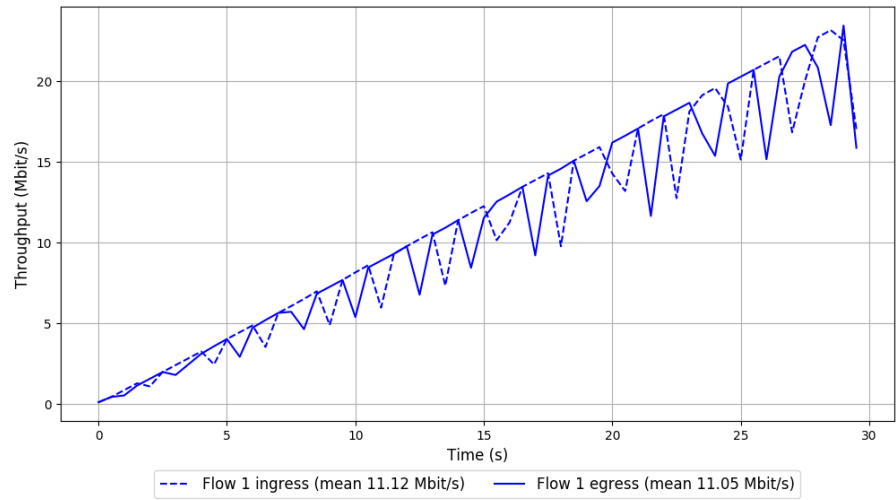
-- Flow 1:

Average throughput: 11.05 Mbit/s

95th percentile per-packet one-way delay: 83.893 ms

Loss rate: 1.20%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: 2018-03-20 11:51:55

End at: 2018-03-20 11:52:25

Local clock offset: -6.904 ms

Remote clock offset: 5.38 ms

Below is generated by plot.py at 2018-03-20 18:15:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 10.85 Mbit/s

95th percentile per-packet one-way delay: 84.325 ms

Loss rate: 1.21%

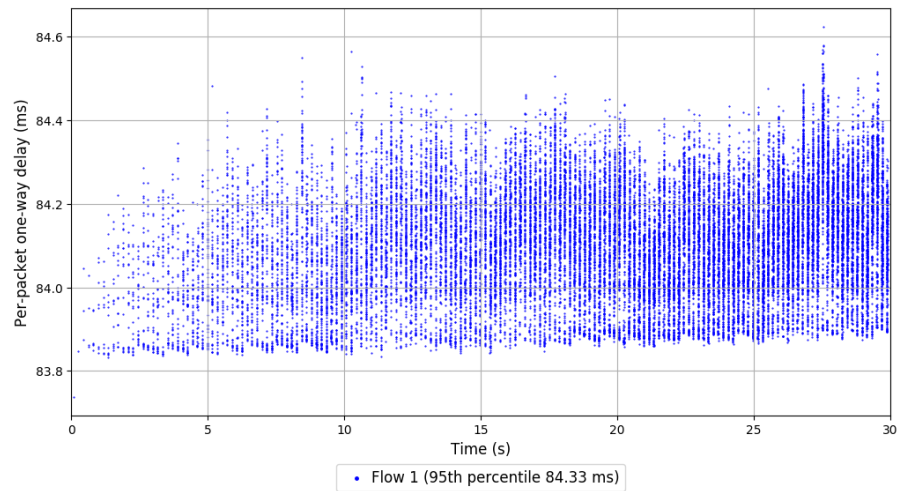
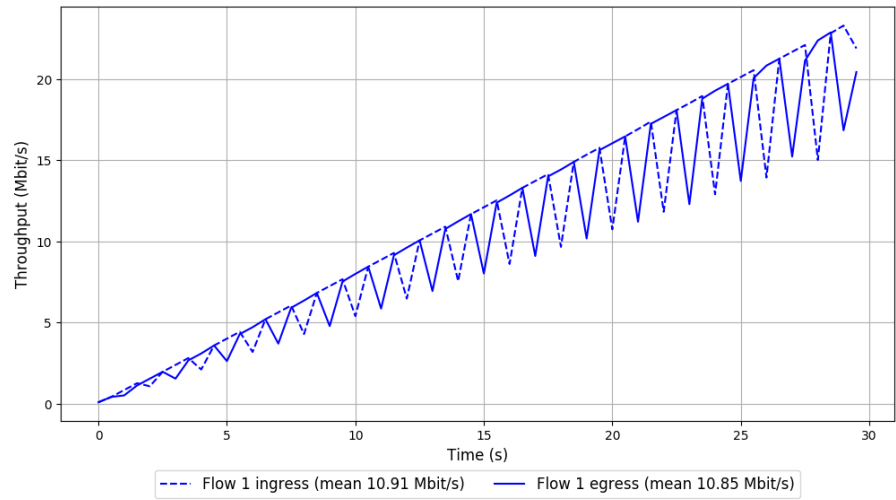
-- Flow 1:

Average throughput: 10.85 Mbit/s

95th percentile per-packet one-way delay: 84.325 ms

Loss rate: 1.21%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: 2018-03-20 12:14:06

End at: 2018-03-20 12:14:36

Local clock offset: -6.843 ms

Remote clock offset: 6.532 ms

Below is generated by plot.py at 2018-03-20 18:15:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 10.88 Mbit/s

95th percentile per-packet one-way delay: 83.058 ms

Loss rate: 1.21%

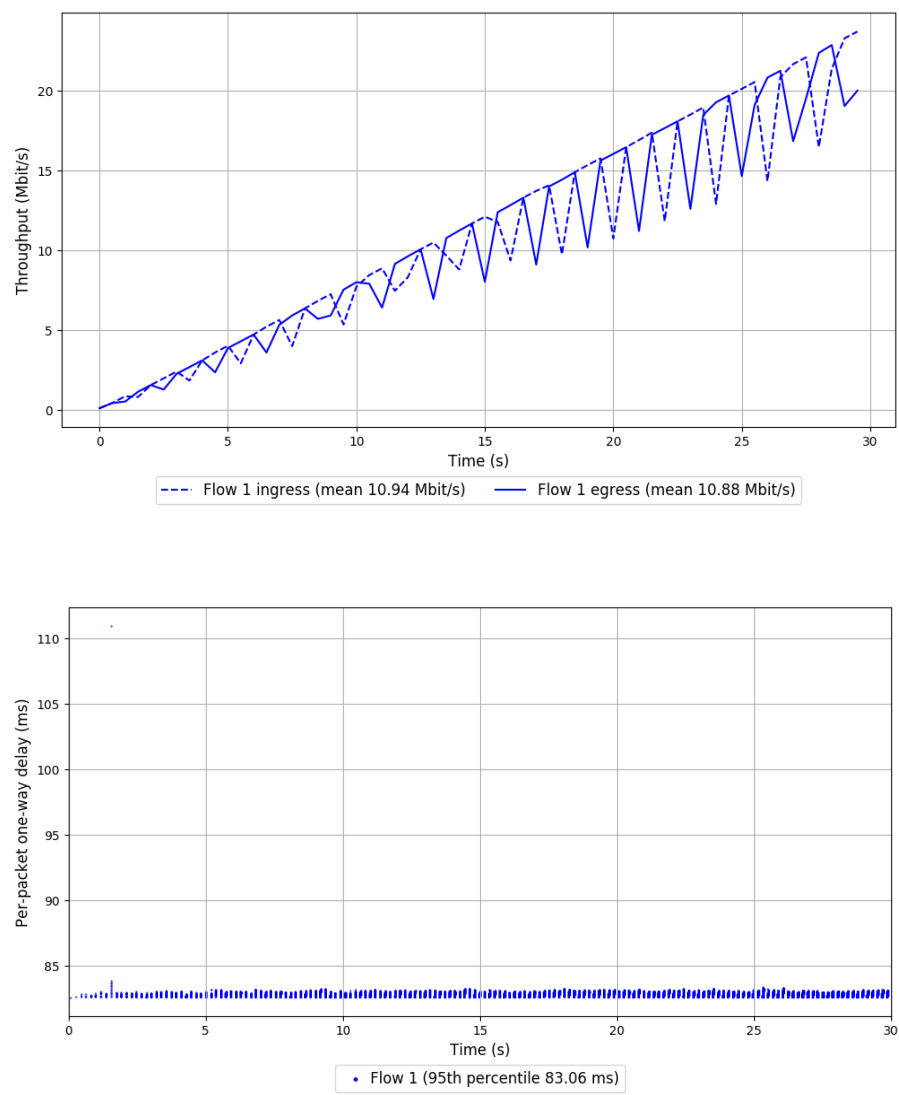
-- Flow 1:

Average throughput: 10.88 Mbit/s

95th percentile per-packet one-way delay: 83.058 ms

Loss rate: 1.21%

Run 5: Report of LEDBAT — Data Link



Run 6: Statistics of LEDBAT

Start at: 2018-03-20 12:36:26

End at: 2018-03-20 12:36:56

Local clock offset: -6.826 ms

Remote clock offset: 6.223 ms

Below is generated by plot.py at 2018-03-20 18:15:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 10.79 Mbit/s

95th percentile per-packet one-way delay: 83.056 ms

Loss rate: 1.22%

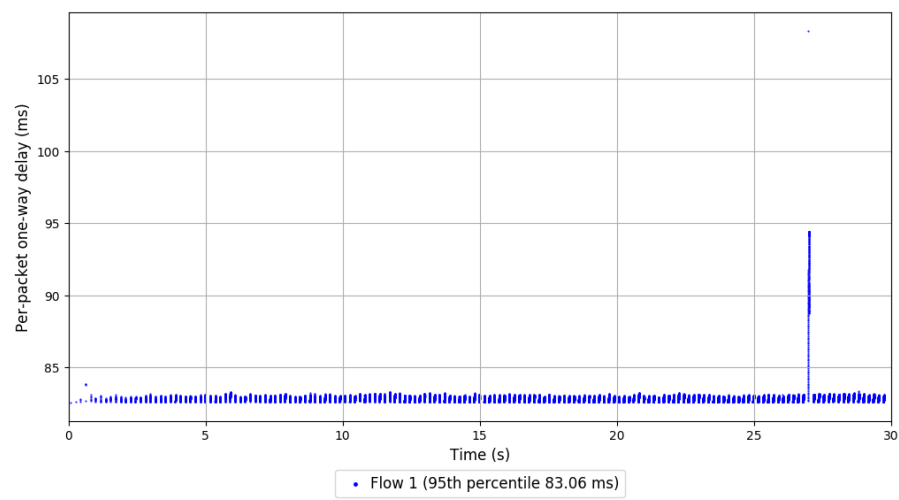
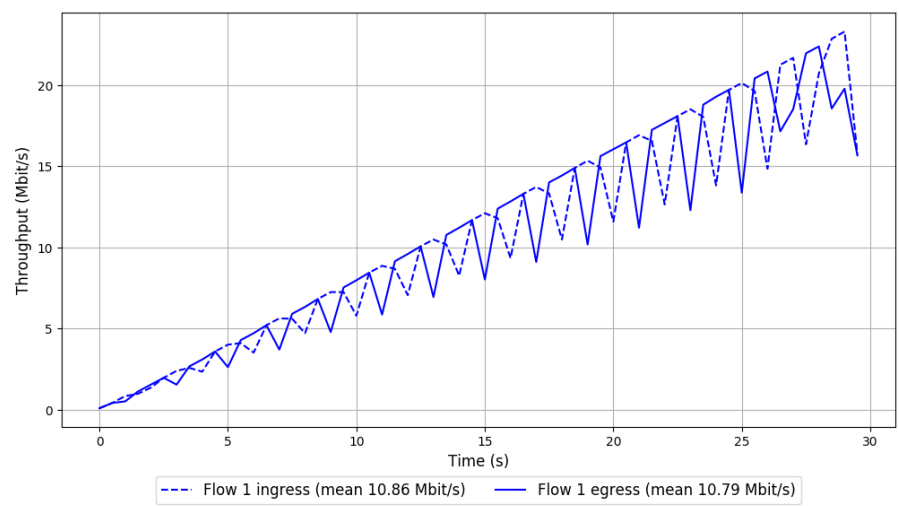
-- Flow 1:

Average throughput: 10.79 Mbit/s

95th percentile per-packet one-way delay: 83.056 ms

Loss rate: 1.22%

Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

Start at: 2018-03-20 12:58:37

End at: 2018-03-20 12:59:07

Local clock offset: -6.611 ms

Remote clock offset: 9.34 ms

Below is generated by plot.py at 2018-03-20 18:15:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 8.64 Mbit/s

95th percentile per-packet one-way delay: 79.878 ms

Loss rate: 1.11%

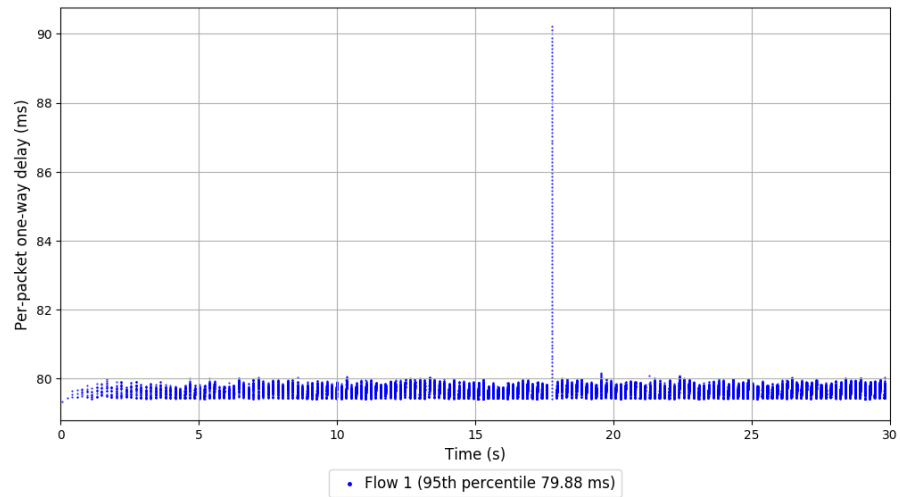
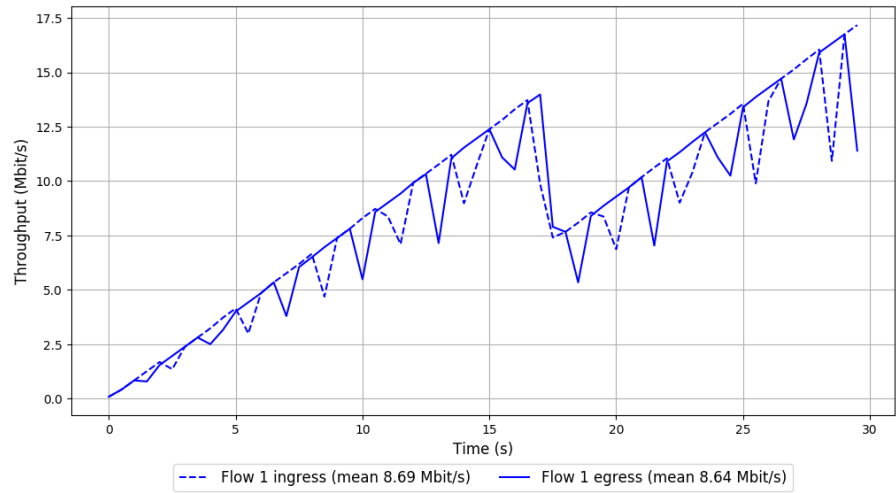
-- Flow 1:

Average throughput: 8.64 Mbit/s

95th percentile per-packet one-way delay: 79.878 ms

Loss rate: 1.11%

Run 7: Report of LEDBAT — Data Link

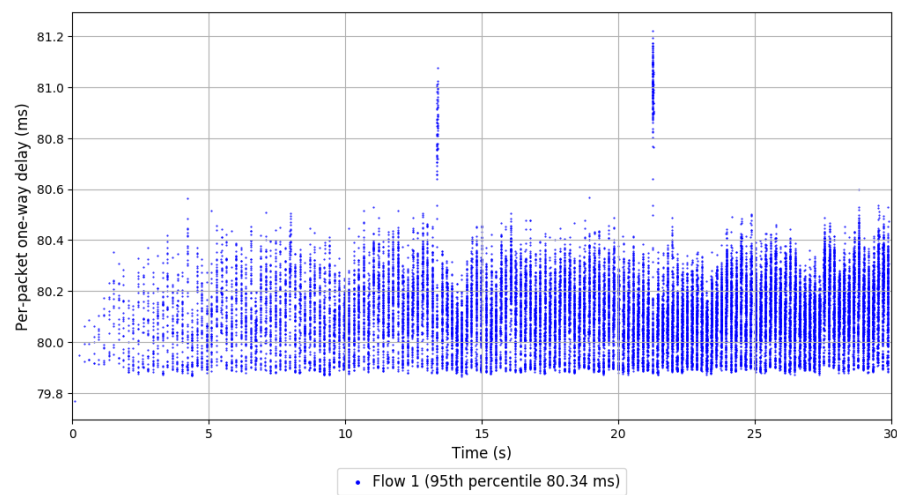
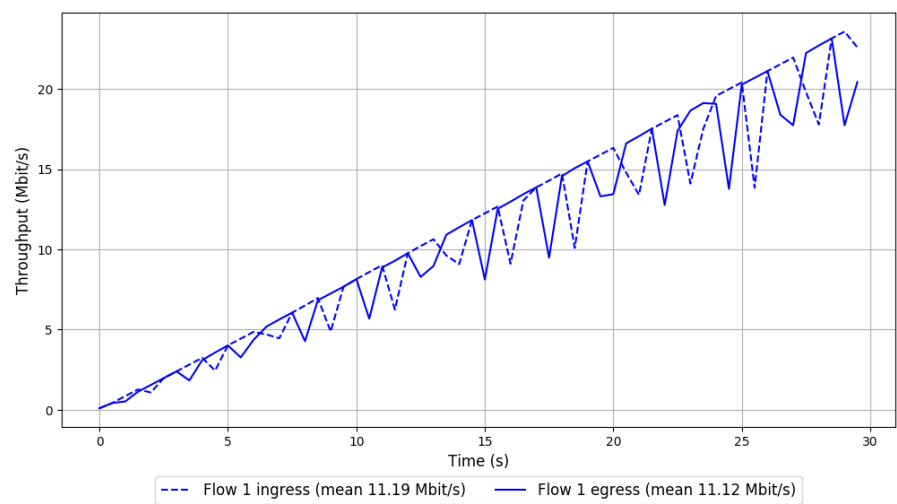


Run 8: Statistics of LEDBAT

Start at: 2018-03-20 13:20:50
End at: 2018-03-20 13:21:20
Local clock offset: -6.923 ms
Remote clock offset: 10.455 ms

Below is generated by plot.py at 2018-03-20 18:15:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.12 Mbit/s
95th percentile per-packet one-way delay: 80.341 ms
Loss rate: 1.19%
-- Flow 1:
Average throughput: 11.12 Mbit/s
95th percentile per-packet one-way delay: 80.341 ms
Loss rate: 1.19%

Run 8: Report of LEDBAT — Data Link

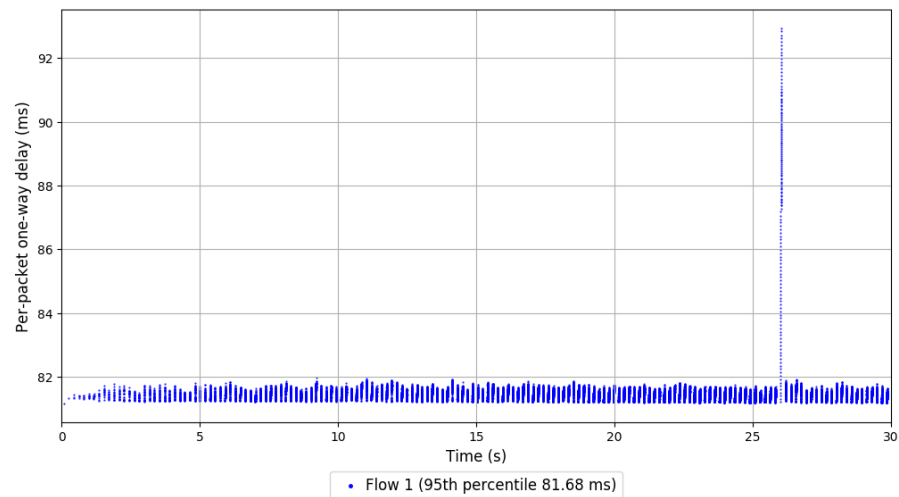
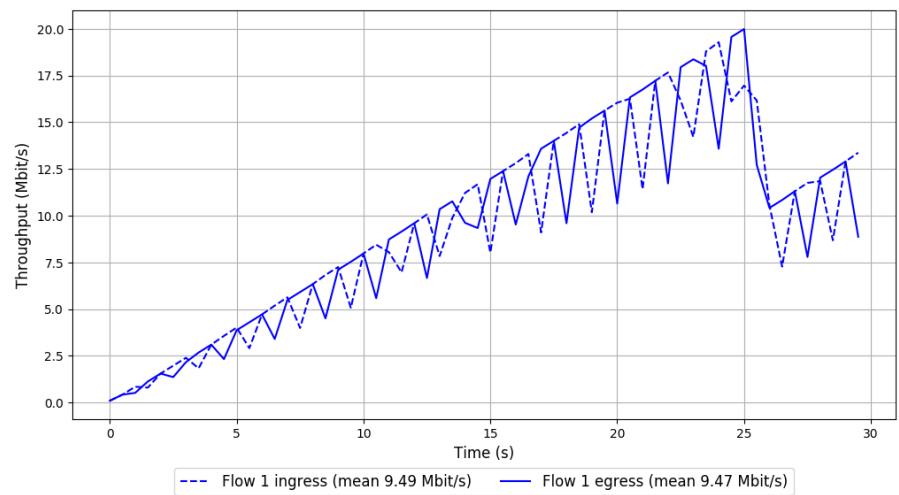


Run 9: Statistics of LEDBAT

Start at: 2018-03-20 13:43:02
End at: 2018-03-20 13:43:32
Local clock offset: -6.921 ms
Remote clock offset: 10.683 ms

Below is generated by plot.py at 2018-03-20 18:15:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.47 Mbit/s
95th percentile per-packet one-way delay: 81.680 ms
Loss rate: 0.80%
-- Flow 1:
Average throughput: 9.47 Mbit/s
95th percentile per-packet one-way delay: 81.680 ms
Loss rate: 0.80%

Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: 2018-03-20 14:05:13

End at: 2018-03-20 14:05:43

Local clock offset: -5.776 ms

Remote clock offset: 6.998 ms

Below is generated by plot.py at 2018-03-20 18:15:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 10.79 Mbit/s

95th percentile per-packet one-way delay: 84.329 ms

Loss rate: 1.22%

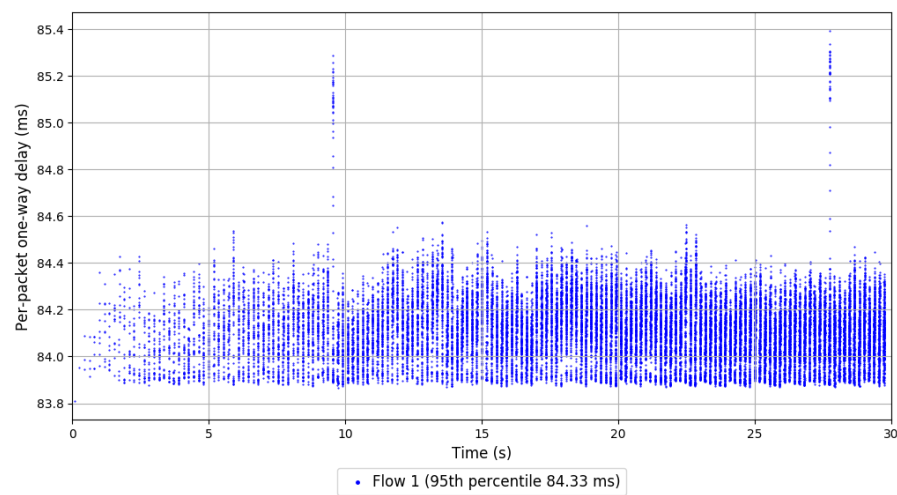
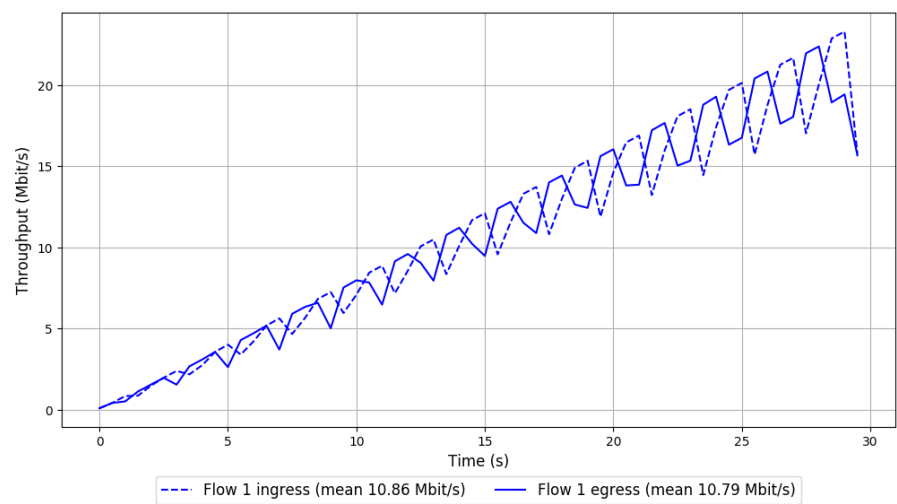
-- Flow 1:

Average throughput: 10.79 Mbit/s

95th percentile per-packet one-way delay: 84.329 ms

Loss rate: 1.22%

Run 10: Report of LEDBAT — Data Link

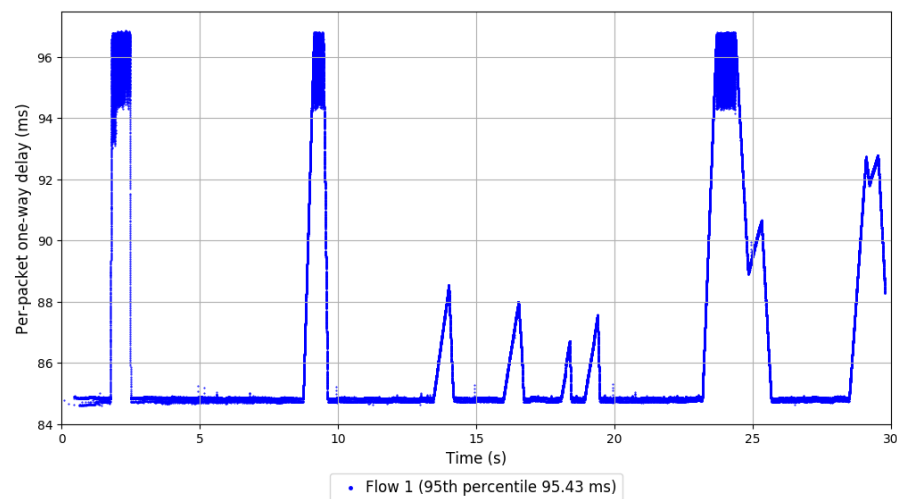
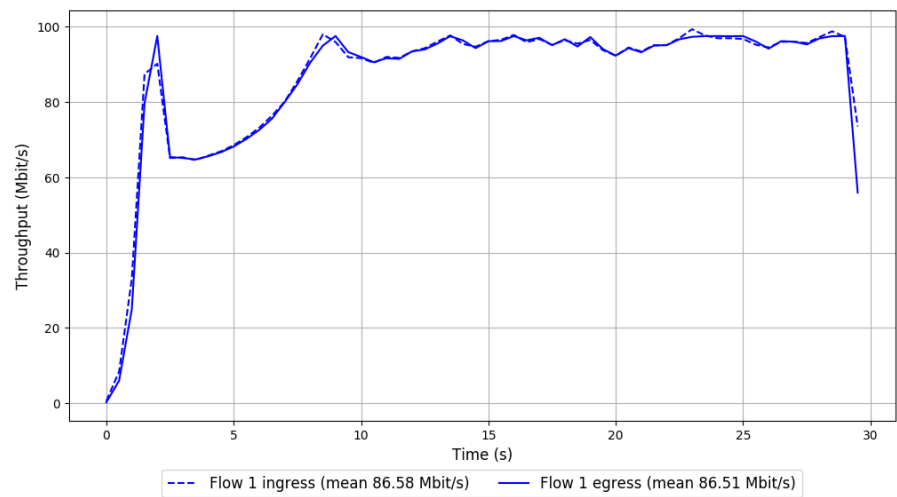


```
Run 1: Statistics of PCC

Start at: 2018-03-20 10:44:02
End at: 2018-03-20 10:44:32
Local clock offset: -6.083 ms
Remote clock offset: 3.993 ms

# Below is generated by plot.py at 2018-03-20 18:15:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.51 Mbit/s
95th percentile per-packet one-way delay: 95.429 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 86.51 Mbit/s
95th percentile per-packet one-way delay: 95.429 ms
Loss rate: 0.68%
```

Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

Start at: 2018-03-20 11:06:14

End at: 2018-03-20 11:06:44

Local clock offset: -6.078 ms

Remote clock offset: 3.651 ms

Below is generated by plot.py at 2018-03-20 18:15:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.51 Mbit/s

95th percentile per-packet one-way delay: 94.645 ms

Loss rate: 0.70%

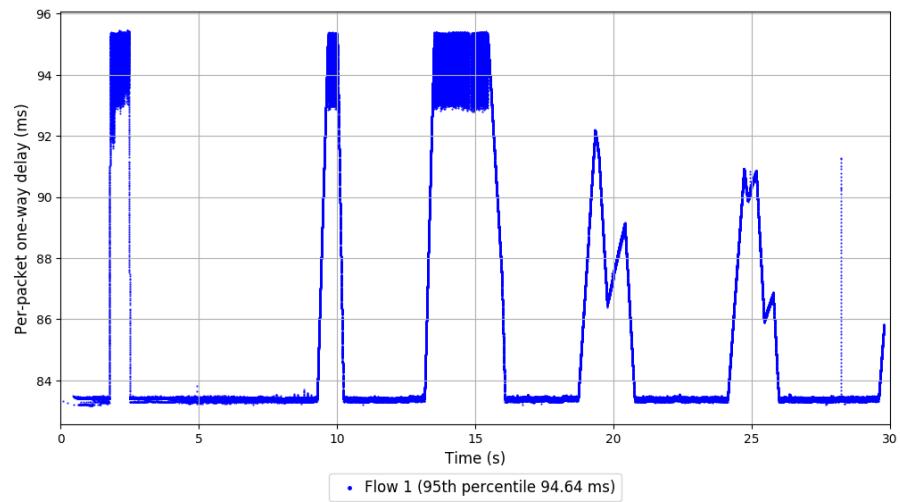
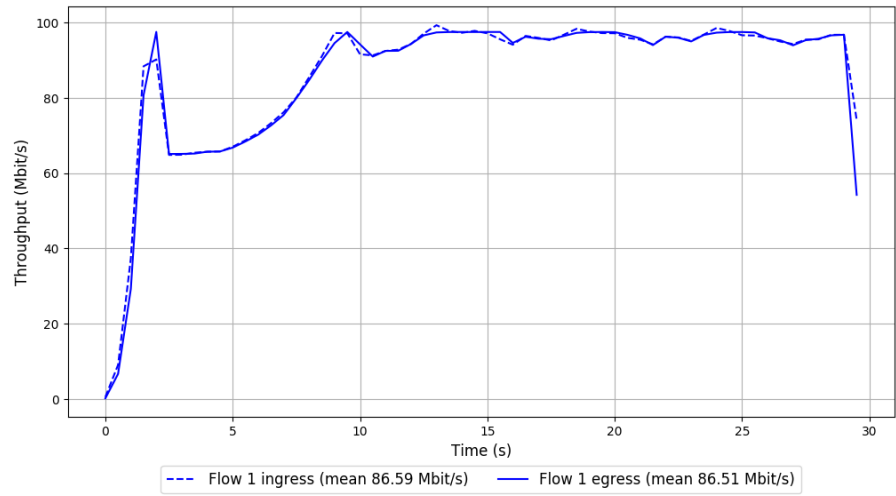
-- Flow 1:

Average throughput: 86.51 Mbit/s

95th percentile per-packet one-way delay: 94.645 ms

Loss rate: 0.70%

Run 2: Report of PCC — Data Link



Run 3: Statistics of PCC

Start at: 2018-03-20 11:28:28

End at: 2018-03-20 11:28:58

Local clock offset: -6.257 ms

Remote clock offset: 3.459 ms

Below is generated by plot.py at 2018-03-20 18:15:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.10 Mbit/s

95th percentile per-packet one-way delay: 95.013 ms

Loss rate: 0.69%

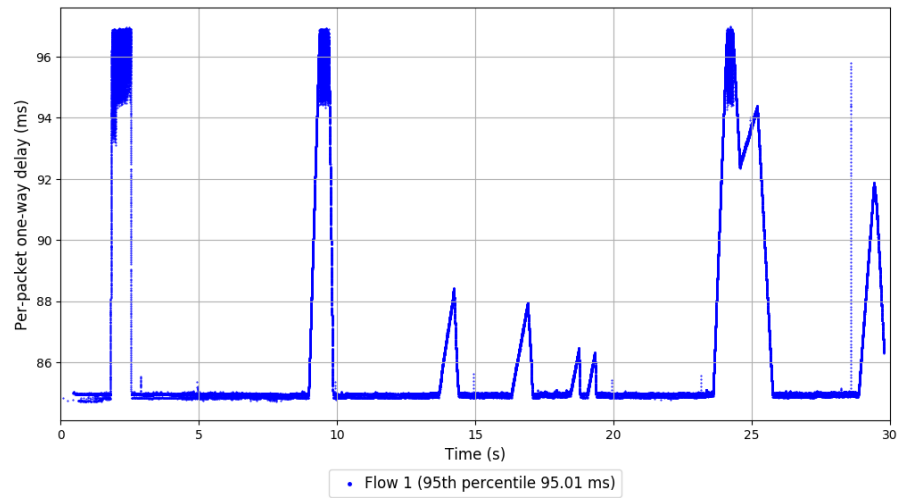
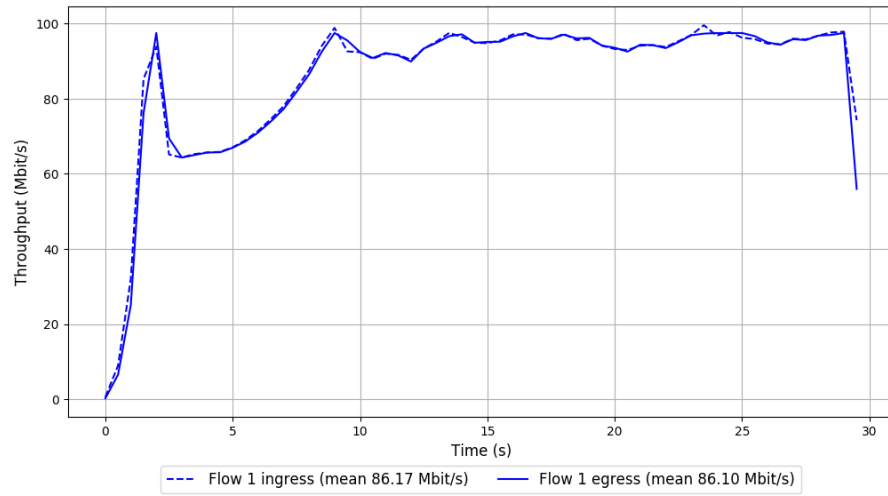
-- Flow 1:

Average throughput: 86.10 Mbit/s

95th percentile per-packet one-way delay: 95.013 ms

Loss rate: 0.69%

Run 3: Report of PCC — Data Link



Run 4: Statistics of PCC

Start at: 2018-03-20 11:50:41

End at: 2018-03-20 11:51:11

Local clock offset: -6.87 ms

Remote clock offset: 9.925 ms

Below is generated by plot.py at 2018-03-20 18:15:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 74.27 Mbit/s

95th percentile per-packet one-way delay: 80.961 ms

Loss rate: 1.65%

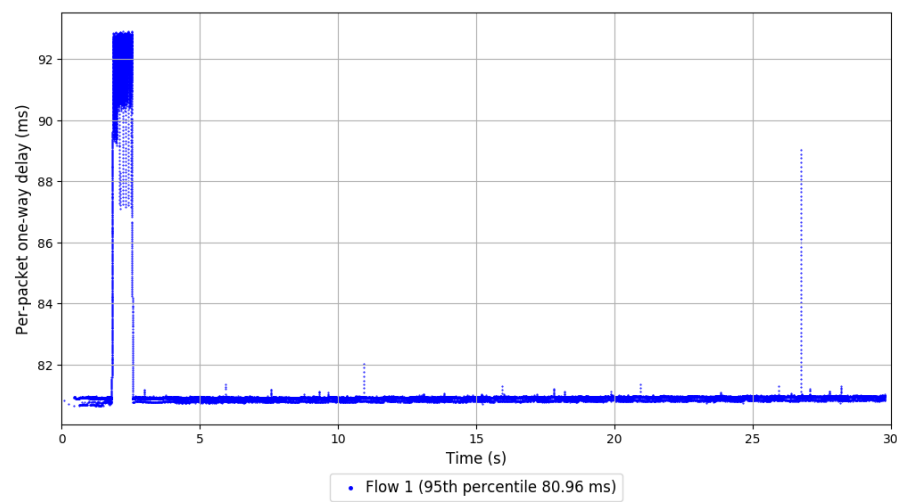
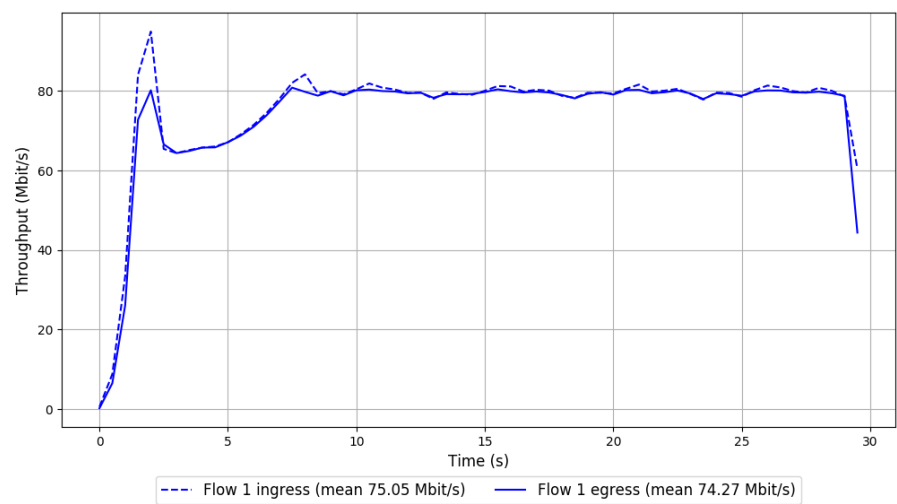
-- Flow 1:

Average throughput: 74.27 Mbit/s

95th percentile per-packet one-way delay: 80.961 ms

Loss rate: 1.65%

Run 4: Report of PCC — Data Link



Run 5: Statistics of PCC

Start at: 2018-03-20 12:12:53

End at: 2018-03-20 12:13:23

Local clock offset: -6.868 ms

Remote clock offset: 6.474 ms

Below is generated by plot.py at 2018-03-20 18:16:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.96 Mbit/s

95th percentile per-packet one-way delay: 95.279 ms

Loss rate: 0.72%

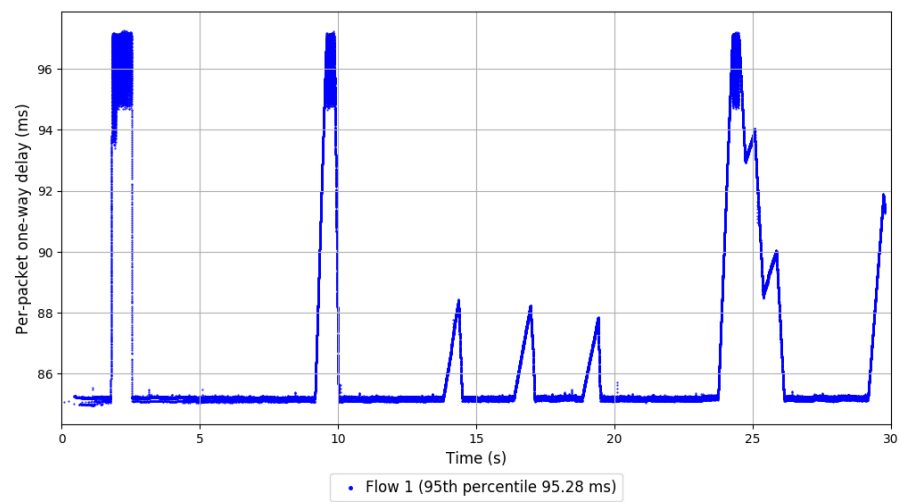
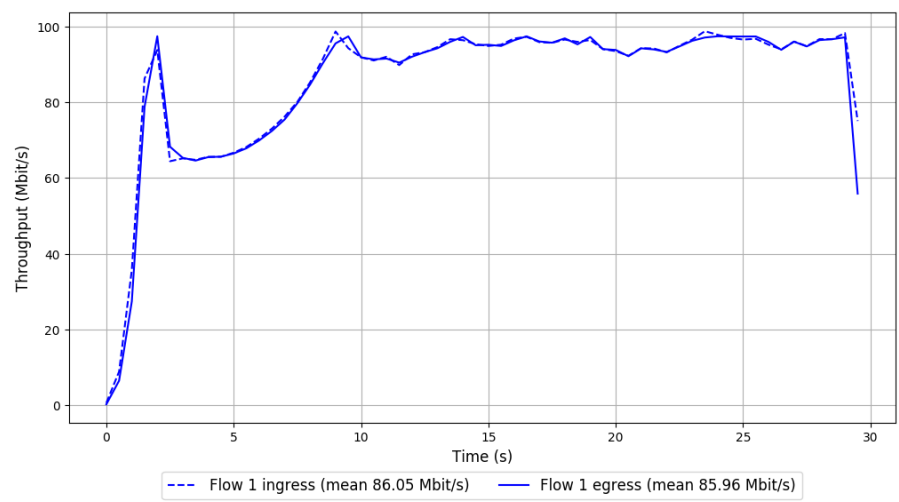
-- Flow 1:

Average throughput: 85.96 Mbit/s

95th percentile per-packet one-way delay: 95.279 ms

Loss rate: 0.72%

Run 5: Report of PCC — Data Link



Run 6: Statistics of PCC

Start at: 2018-03-20 12:35:12

End at: 2018-03-20 12:35:42

Local clock offset: -6.936 ms

Remote clock offset: 5.31 ms

Below is generated by plot.py at 2018-03-20 18:16:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.33 Mbit/s

95th percentile per-packet one-way delay: 97.405 ms

Loss rate: 0.71%

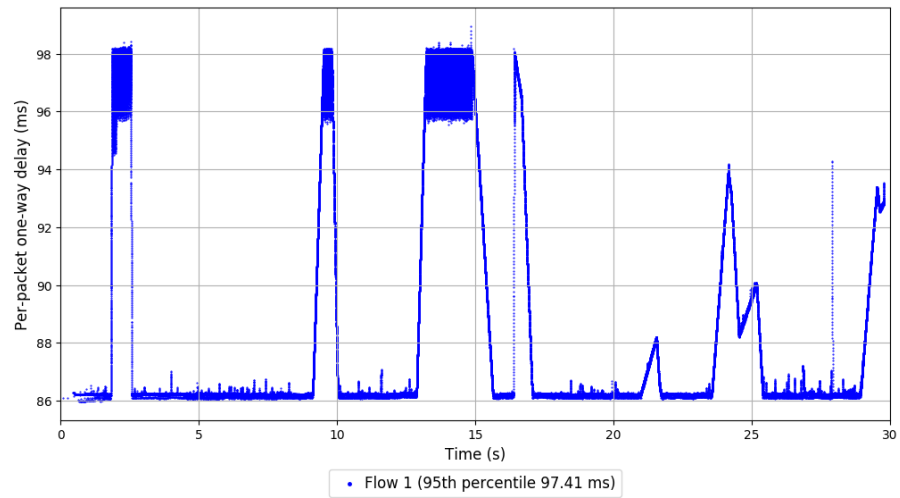
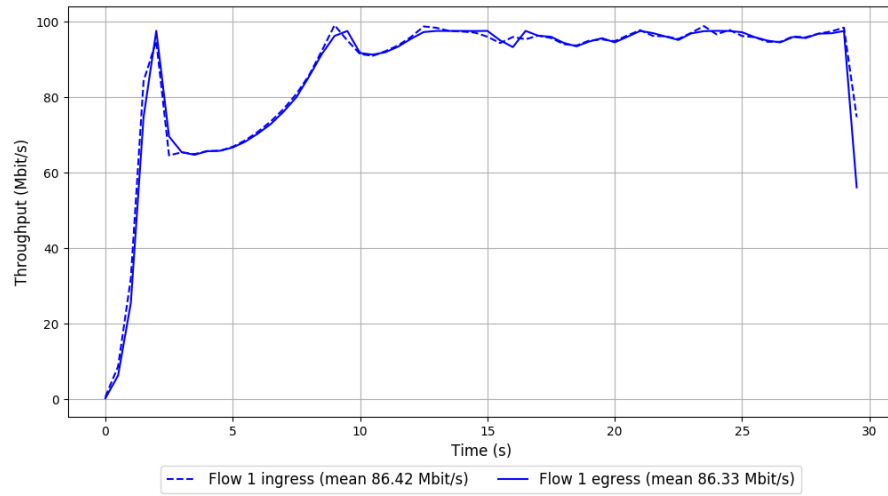
-- Flow 1:

Average throughput: 86.33 Mbit/s

95th percentile per-packet one-way delay: 97.405 ms

Loss rate: 0.71%

Run 6: Report of PCC — Data Link



Run 7: Statistics of PCC

Start at: 2018-03-20 12:57:23

End at: 2018-03-20 12:57:53

Local clock offset: -6.68 ms

Remote clock offset: 9.439 ms

Below is generated by plot.py at 2018-03-20 18:16:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.28 Mbit/s

95th percentile per-packet one-way delay: 89.557 ms

Loss rate: 0.68%

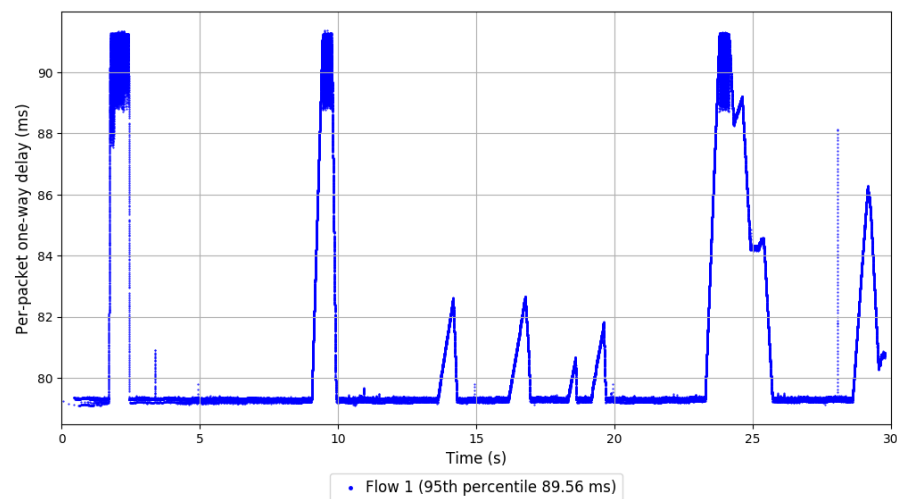
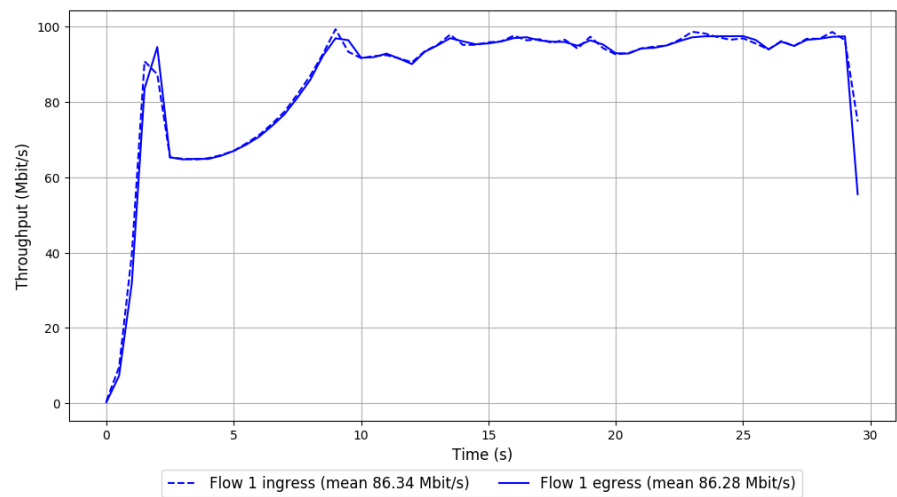
-- Flow 1:

Average throughput: 86.28 Mbit/s

95th percentile per-packet one-way delay: 89.557 ms

Loss rate: 0.68%

Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

Start at: 2018-03-20 13:19:36

End at: 2018-03-20 13:20:06

Local clock offset: -6.938 ms

Remote clock offset: 9.637 ms

Below is generated by plot.py at 2018-03-20 18:16:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.52 Mbit/s

95th percentile per-packet one-way delay: 89.161 ms

Loss rate: 0.68%

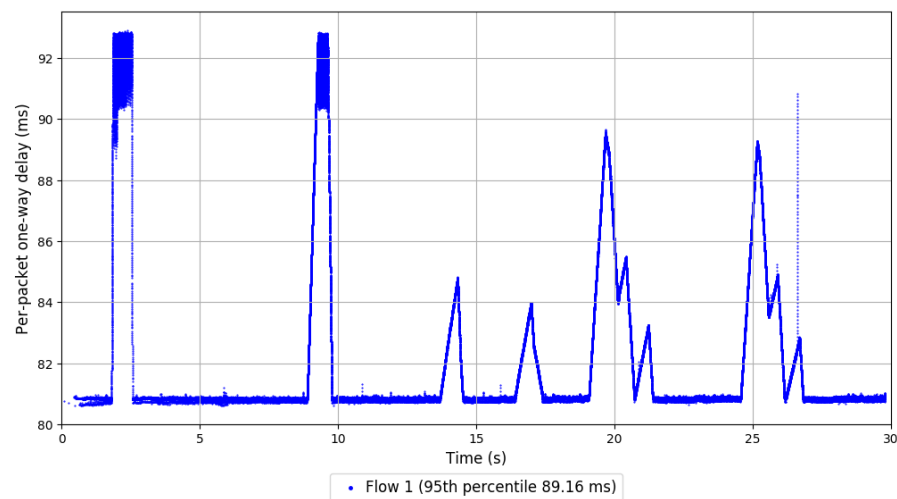
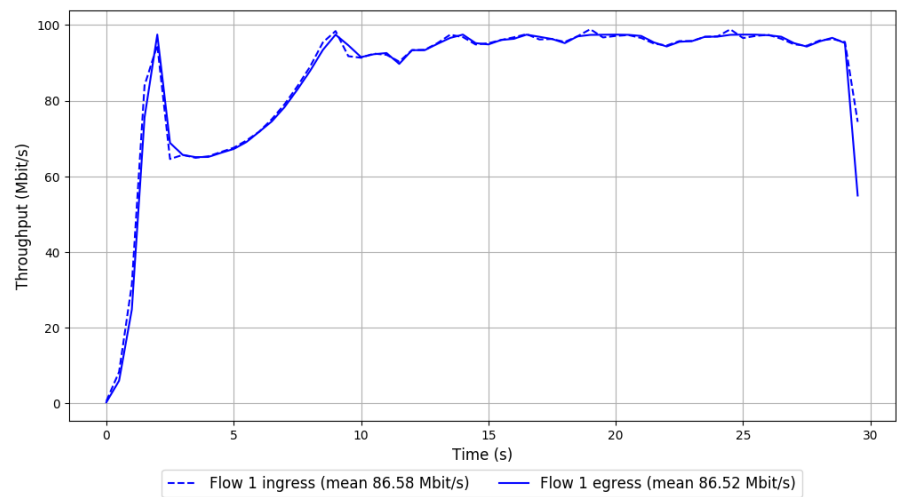
-- Flow 1:

Average throughput: 86.52 Mbit/s

95th percentile per-packet one-way delay: 89.161 ms

Loss rate: 0.68%

Run 8: Report of PCC — Data Link



Run 9: Statistics of PCC

Start at: 2018-03-20 13:41:49

End at: 2018-03-20 13:42:19

Local clock offset: -7.166 ms

Remote clock offset: 5.949 ms

Below is generated by plot.py at 2018-03-20 18:17:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.57 Mbit/s

95th percentile per-packet one-way delay: 96.055 ms

Loss rate: 0.69%

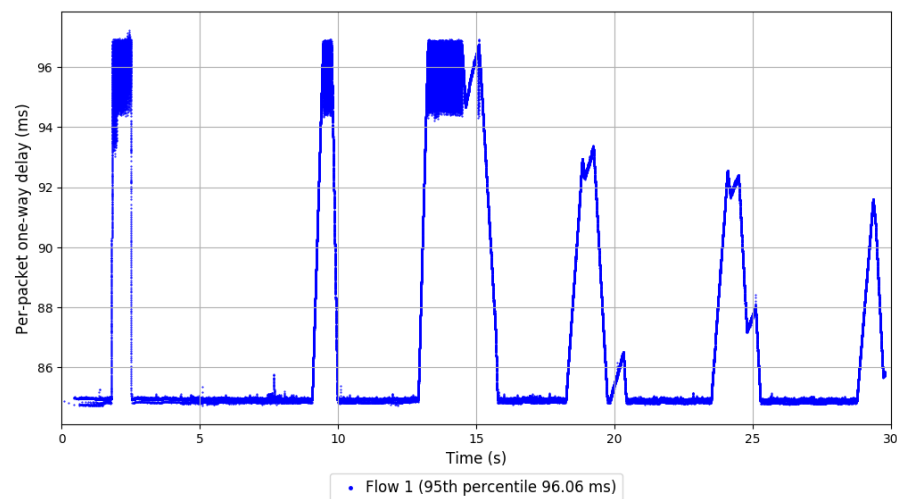
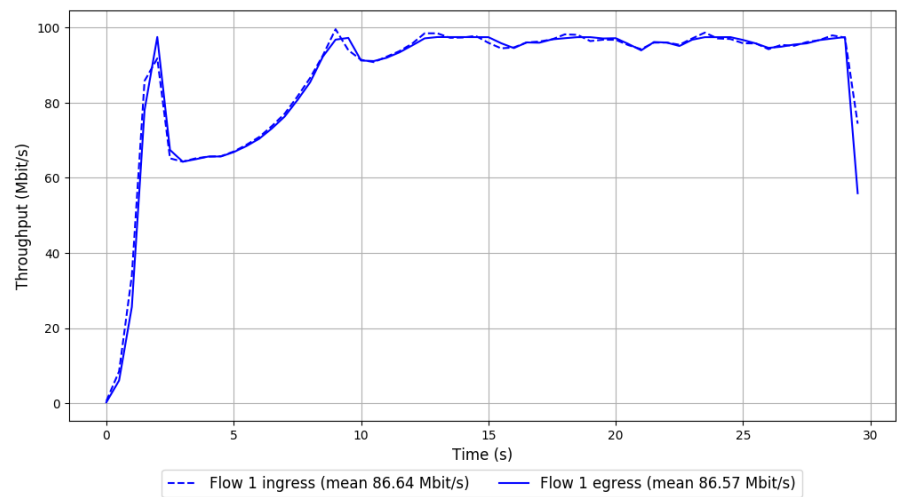
-- Flow 1:

Average throughput: 86.57 Mbit/s

95th percentile per-packet one-way delay: 96.055 ms

Loss rate: 0.69%

Run 9: Report of PCC — Data Link

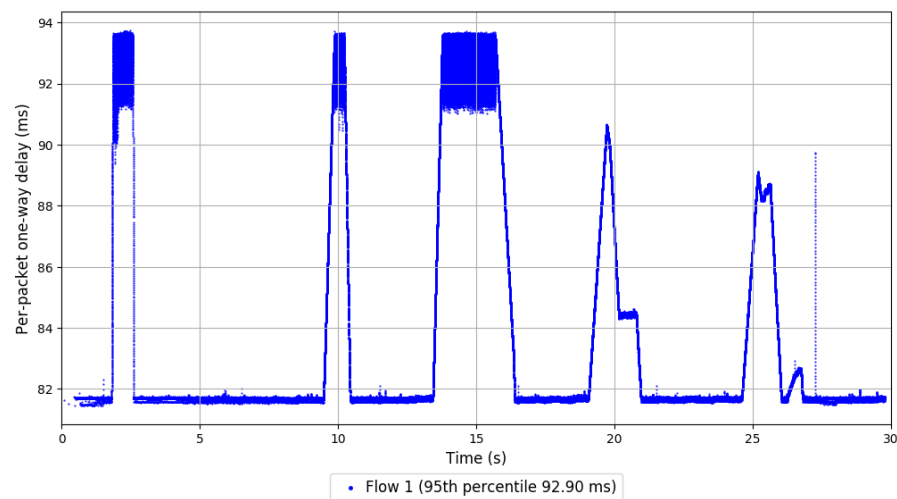
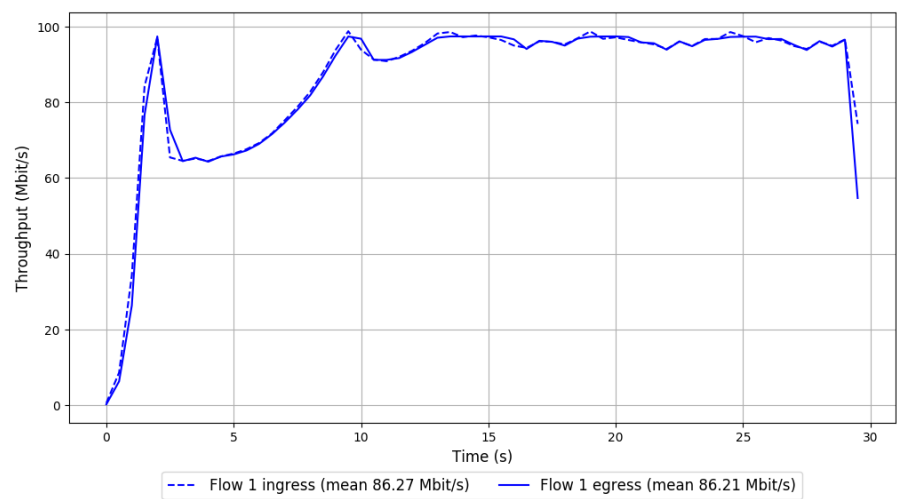


Run 10: Statistics of PCC

Start at: 2018-03-20 14:03:59
End at: 2018-03-20 14:04:29
Local clock offset: -5.787 ms
Remote clock offset: 10.885 ms

Below is generated by plot.py at 2018-03-20 18:17:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.21 Mbit/s
95th percentile per-packet one-way delay: 92.904 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 86.21 Mbit/s
95th percentile per-packet one-way delay: 92.904 ms
Loss rate: 0.69%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2018-03-20 11:05:00

End at: 2018-03-20 11:05:30

Local clock offset: -6.077 ms

Remote clock offset: 3.606 ms

Below is generated by plot.py at 2018-03-20 18:17:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 70.63 Mbit/s

95th percentile per-packet one-way delay: 96.118 ms

Loss rate: 0.89%

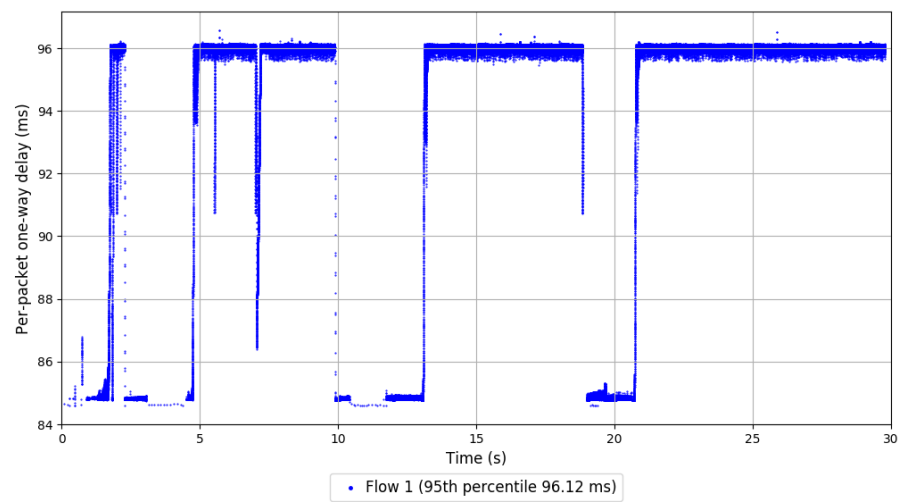
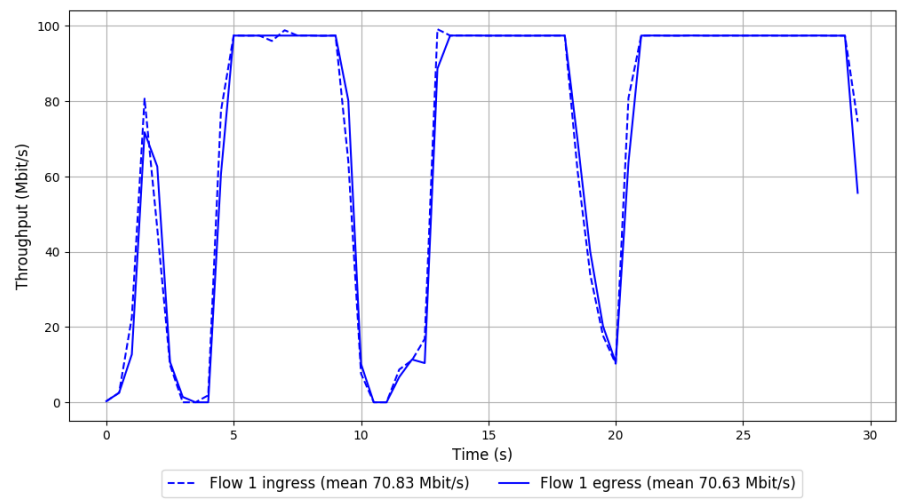
-- Flow 1:

Average throughput: 70.63 Mbit/s

95th percentile per-packet one-way delay: 96.118 ms

Loss rate: 0.89%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2018-03-20 11:27:13

End at: 2018-03-20 11:27:43

Local clock offset: -6.271 ms

Remote clock offset: 4.239 ms

Below is generated by plot.py at 2018-03-20 18:17:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 74.42 Mbit/s

95th percentile per-packet one-way delay: 96.577 ms

Loss rate: 0.84%

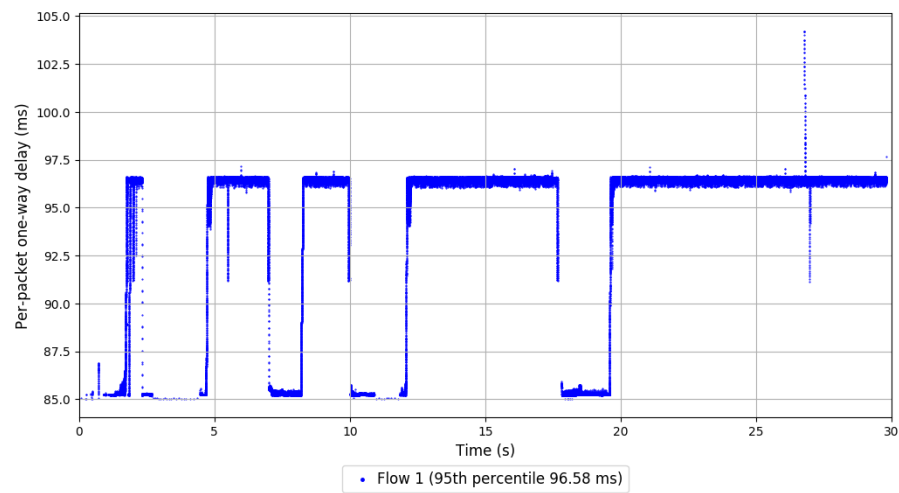
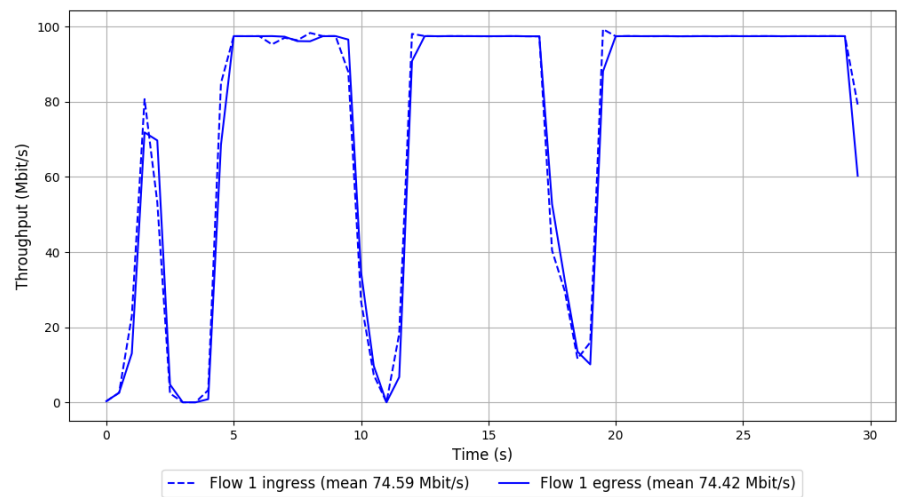
-- Flow 1:

Average throughput: 74.42 Mbit/s

95th percentile per-packet one-way delay: 96.577 ms

Loss rate: 0.84%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2018-03-20 11:49:28

End at: 2018-03-20 11:49:58

Local clock offset: -6.826 ms

Remote clock offset: 8.035 ms

Below is generated by plot.py at 2018-03-20 18:17:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 49.58 Mbit/s

95th percentile per-packet one-way delay: 82.028 ms

Loss rate: 1.49%

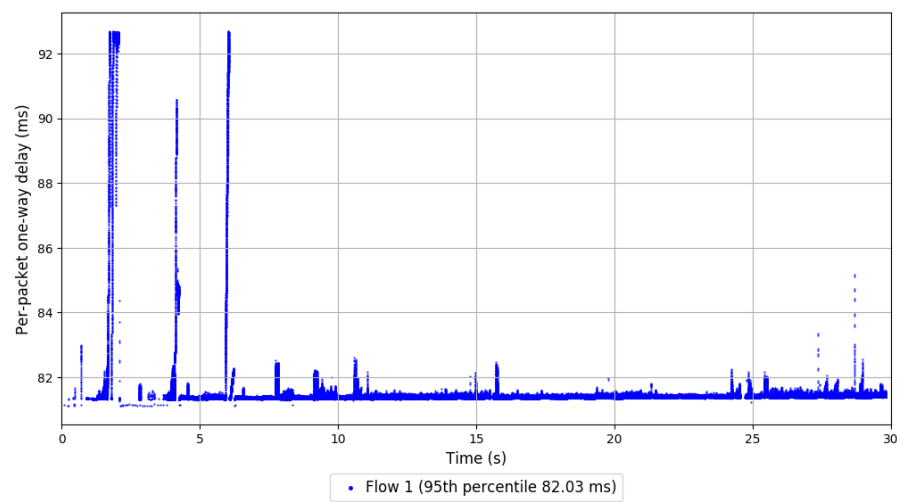
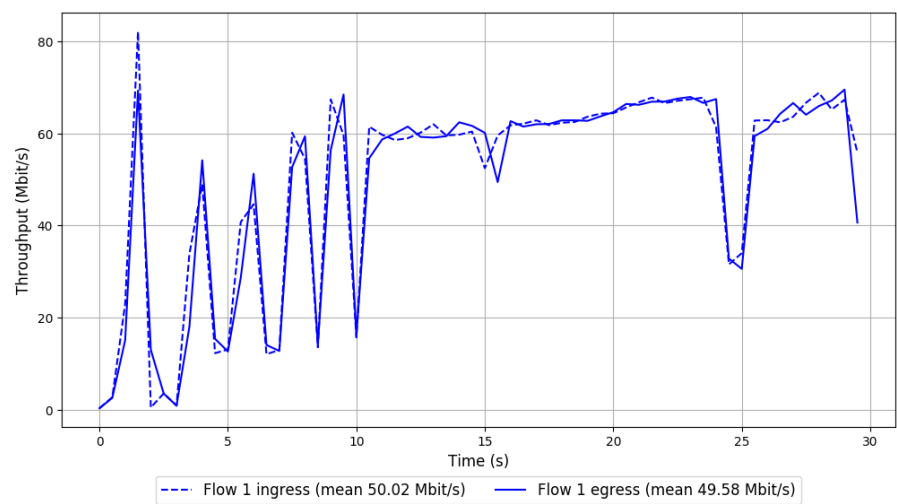
-- Flow 1:

Average throughput: 49.58 Mbit/s

95th percentile per-packet one-way delay: 82.028 ms

Loss rate: 1.49%

Run 3: Report of QUIC Cubic — Data Link

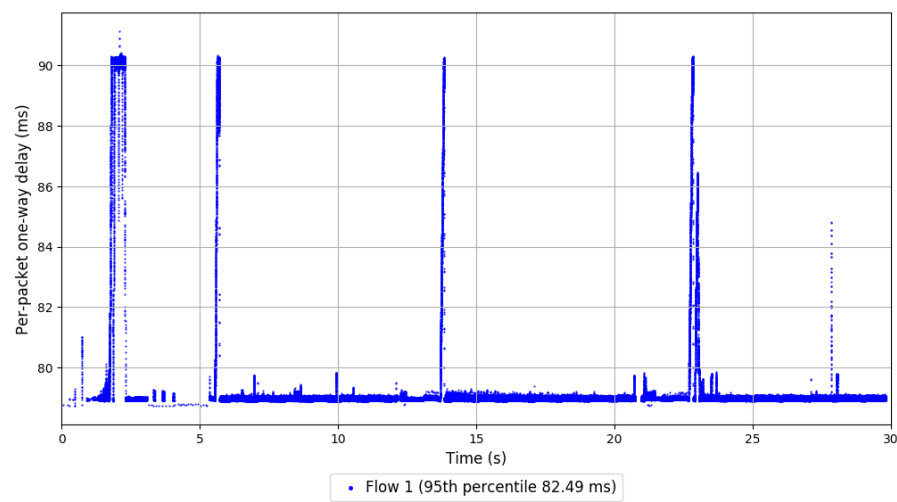
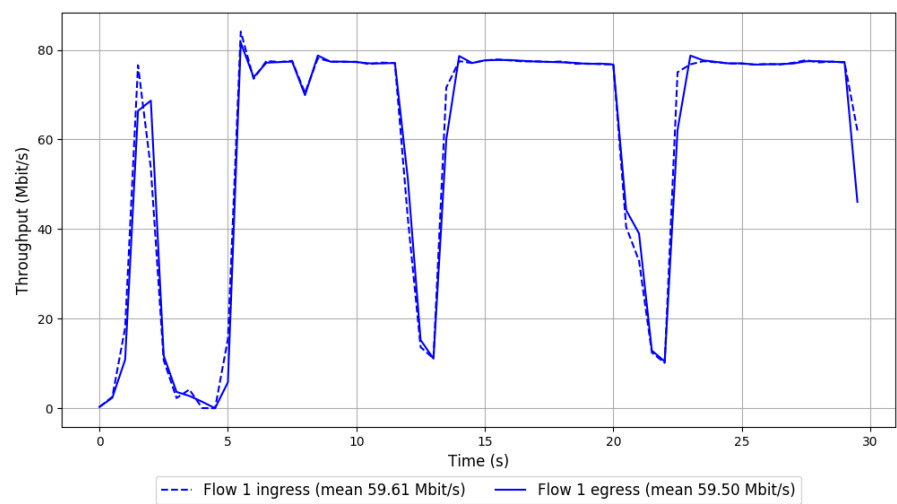


Run 4: Statistics of QUIC Cubic

Start at: 2018-03-20 12:11:39
End at: 2018-03-20 12:12:09
Local clock offset: -6.922 ms
Remote clock offset: 11.198 ms

Below is generated by plot.py at 2018-03-20 18:17:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 59.50 Mbit/s
95th percentile per-packet one-way delay: 82.490 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 59.50 Mbit/s
95th percentile per-packet one-way delay: 82.490 ms
Loss rate: 0.79%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2018-03-20 12:33:58

End at: 2018-03-20 12:34:28

Local clock offset: -6.901 ms

Remote clock offset: 6.174 ms

Below is generated by plot.py at 2018-03-20 18:17:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 58.21 Mbit/s

95th percentile per-packet one-way delay: 88.841 ms

Loss rate: 0.80%

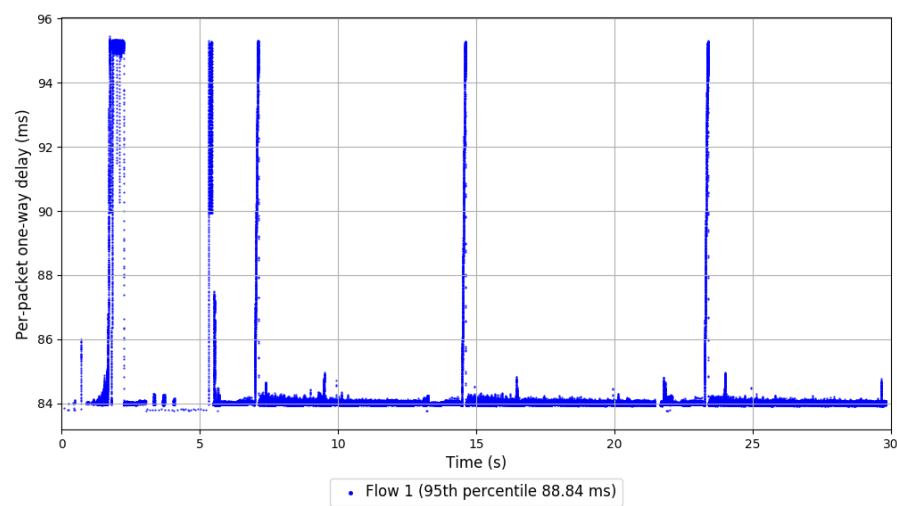
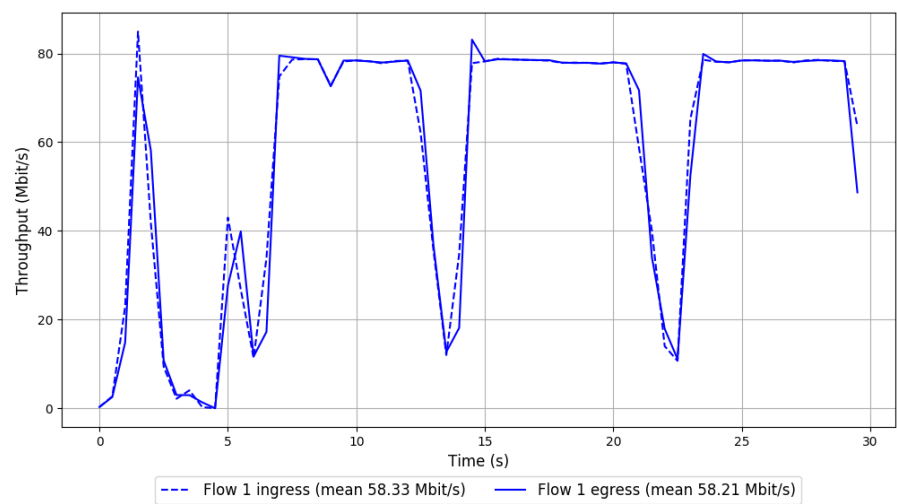
-- Flow 1:

Average throughput: 58.21 Mbit/s

95th percentile per-packet one-way delay: 88.841 ms

Loss rate: 0.80%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2018-03-20 12:56:09

End at: 2018-03-20 12:56:39

Local clock offset: -6.619 ms

Remote clock offset: 6.332 ms

Below is generated by plot.py at 2018-03-20 18:17:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 60.84 Mbit/s

95th percentile per-packet one-way delay: 86.278 ms

Loss rate: 0.82%

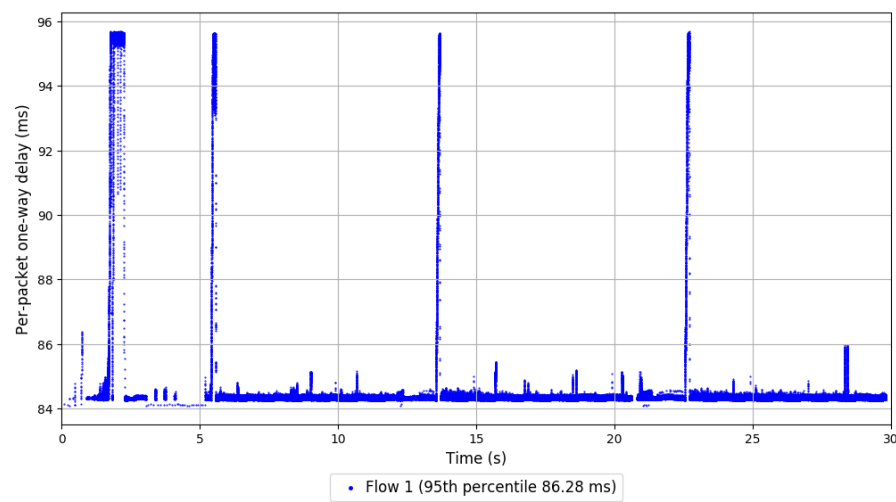
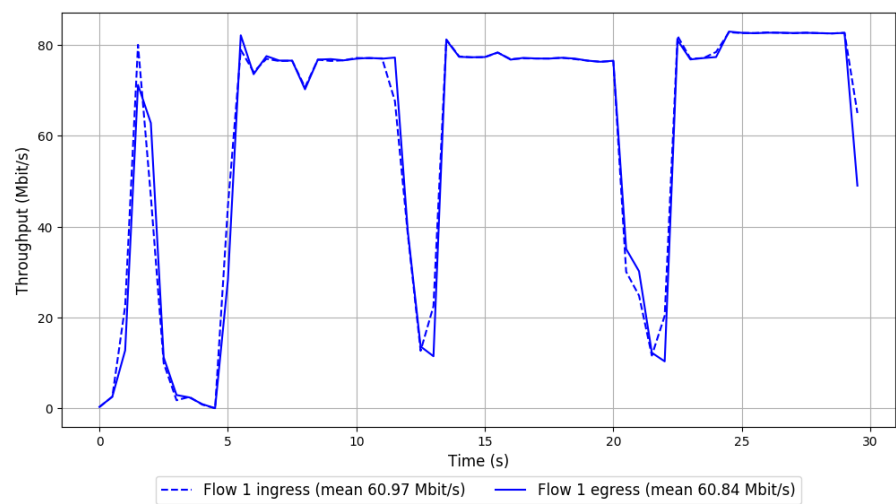
-- Flow 1:

Average throughput: 60.84 Mbit/s

95th percentile per-packet one-way delay: 86.278 ms

Loss rate: 0.82%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: 2018-03-20 13:18:23

End at: 2018-03-20 13:18:53

Local clock offset: -6.995 ms

Remote clock offset: 11.13 ms

Below is generated by plot.py at 2018-03-20 18:17:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 44.17 Mbit/s

95th percentile per-packet one-way delay: 78.118 ms

Loss rate: 1.33%

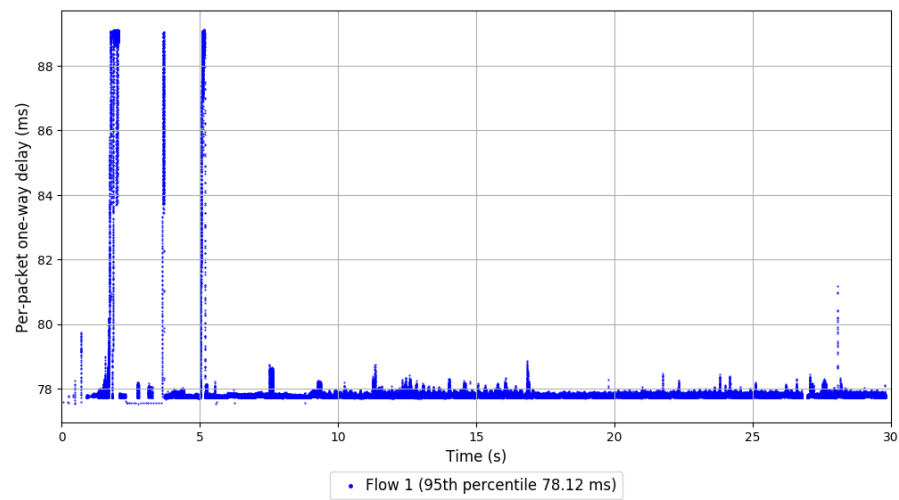
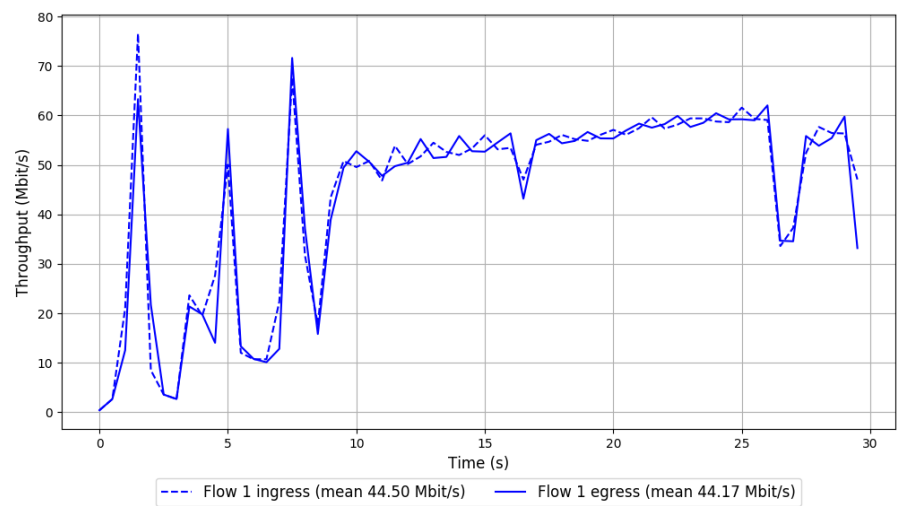
-- Flow 1:

Average throughput: 44.17 Mbit/s

95th percentile per-packet one-way delay: 78.118 ms

Loss rate: 1.33%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2018-03-20 13:40:34

End at: 2018-03-20 13:41:04

Local clock offset: -7.133 ms

Remote clock offset: 11.366 ms

Below is generated by plot.py at 2018-03-20 18:18:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 63.61 Mbit/s

95th percentile per-packet one-way delay: 90.598 ms

Loss rate: 0.91%

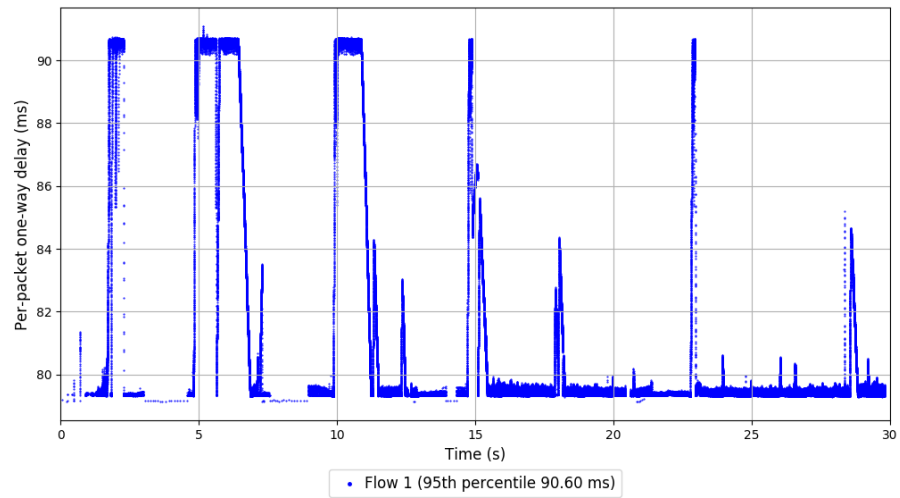
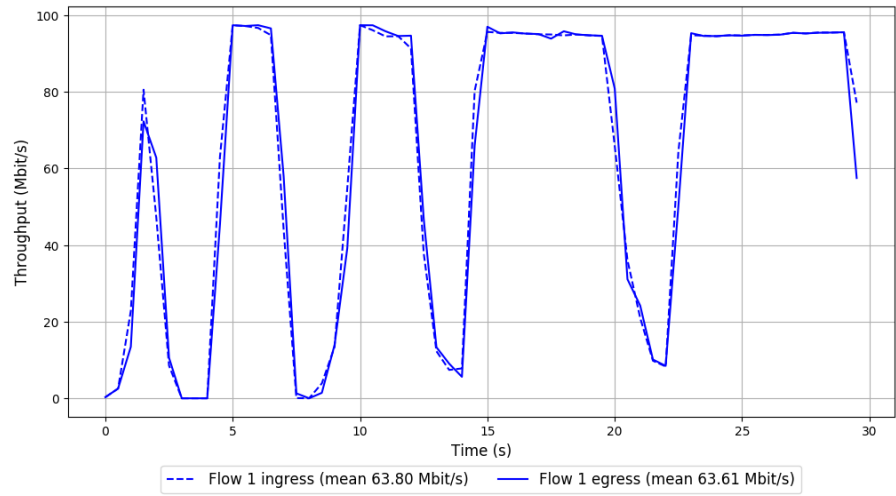
-- Flow 1:

Average throughput: 63.61 Mbit/s

95th percentile per-packet one-way delay: 90.598 ms

Loss rate: 0.91%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2018-03-20 14:02:46

End at: 2018-03-20 14:03:16

Local clock offset: -5.811 ms

Remote clock offset: 10.855 ms

Below is generated by plot.py at 2018-03-20 18:18:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 43.81 Mbit/s

95th percentile per-packet one-way delay: 85.526 ms

Loss rate: 1.21%

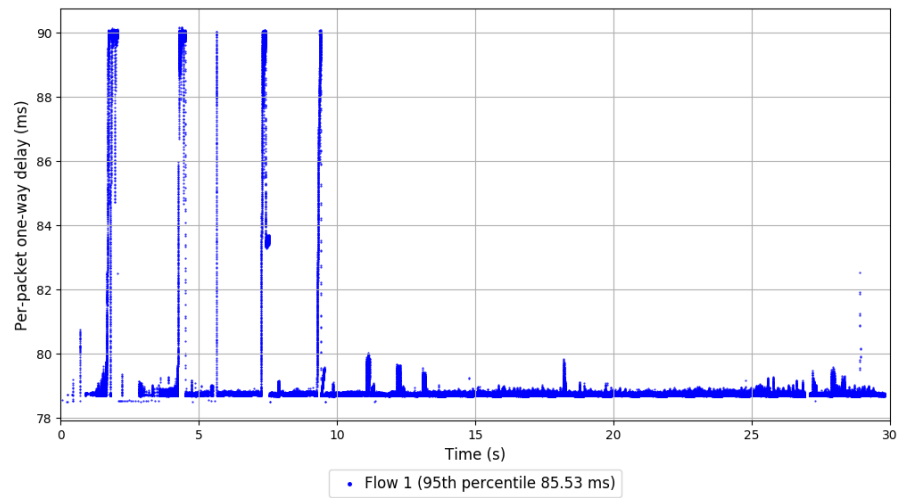
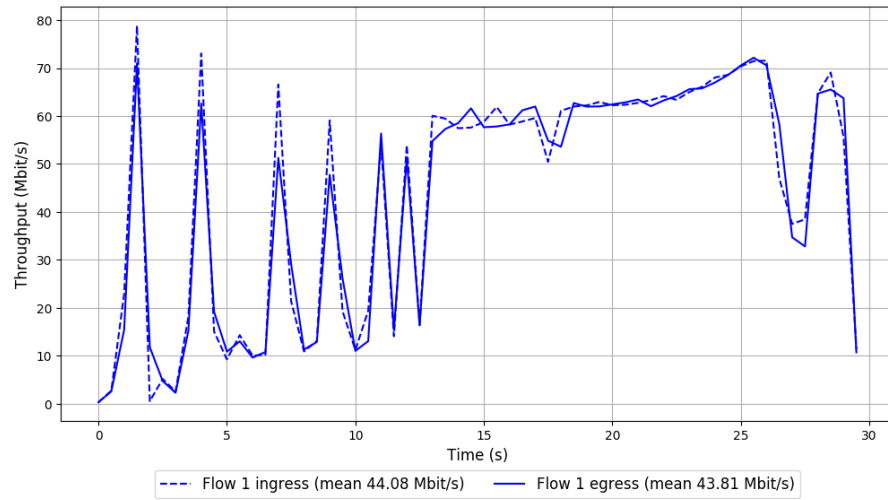
-- Flow 1:

Average throughput: 43.81 Mbit/s

95th percentile per-packet one-way delay: 85.526 ms

Loss rate: 1.21%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-03-20 14:24:58

End at: 2018-03-20 14:25:28

Local clock offset: -5.558 ms

Remote clock offset: 11.784 ms

Below is generated by plot.py at 2018-03-20 18:18:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 60.01 Mbit/s

95th percentile per-packet one-way delay: 80.054 ms

Loss rate: 0.79%

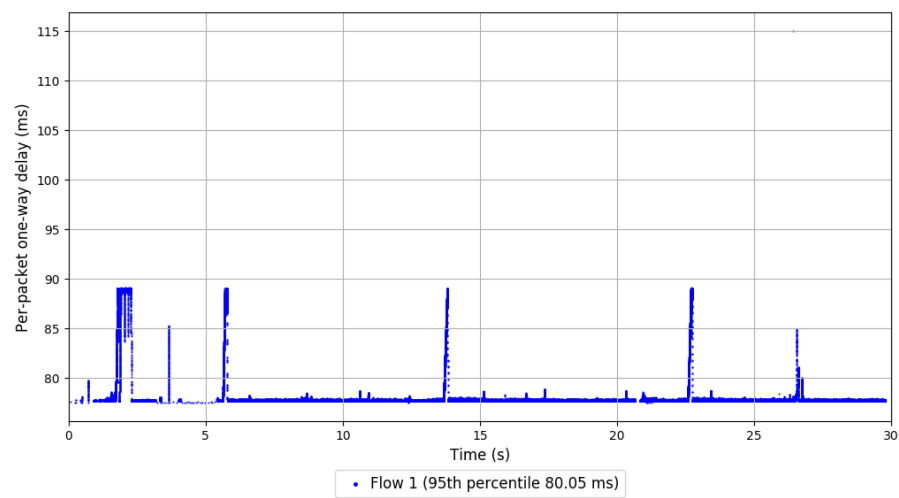
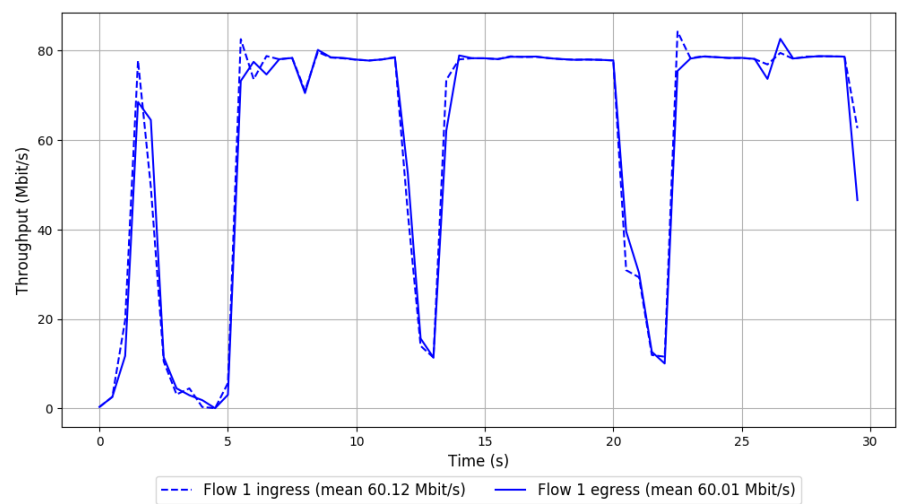
-- Flow 1:

Average throughput: 60.01 Mbit/s

95th percentile per-packet one-way delay: 80.054 ms

Loss rate: 0.79%

Run 10: Report of QUIC Cubic — Data Link



Run 1: Statistics of SCReAM

Start at: 2018-03-20 10:47:42

End at: 2018-03-20 10:48:12

Local clock offset: -6.091 ms

Remote clock offset: 3.925 ms

Below is generated by plot.py at 2018-03-20 18:18:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 85.064 ms

Loss rate: 0.64%

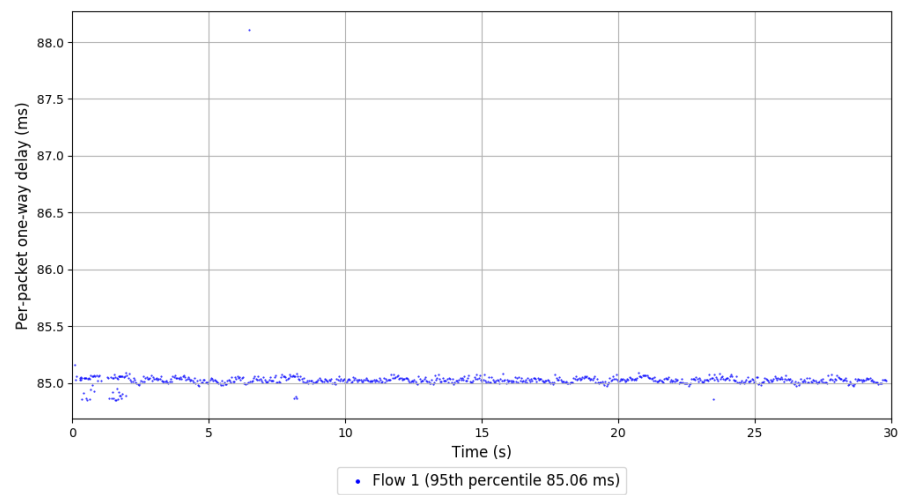
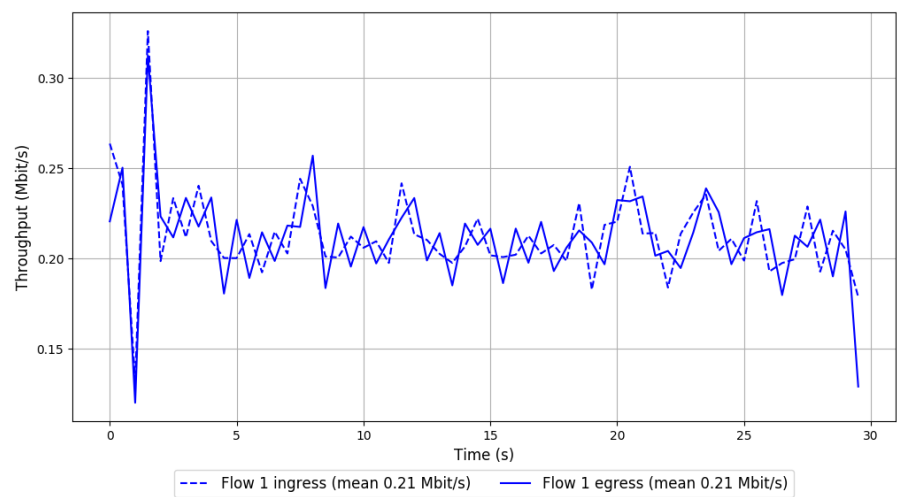
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 85.064 ms

Loss rate: 0.64%

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

Start at: 2018-03-20 11:09:56

End at: 2018-03-20 11:10:26

Local clock offset: -6.127 ms

Remote clock offset: 7.494 ms

Below is generated by plot.py at 2018-03-20 18:18:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 80.837 ms

Loss rate: 0.51%

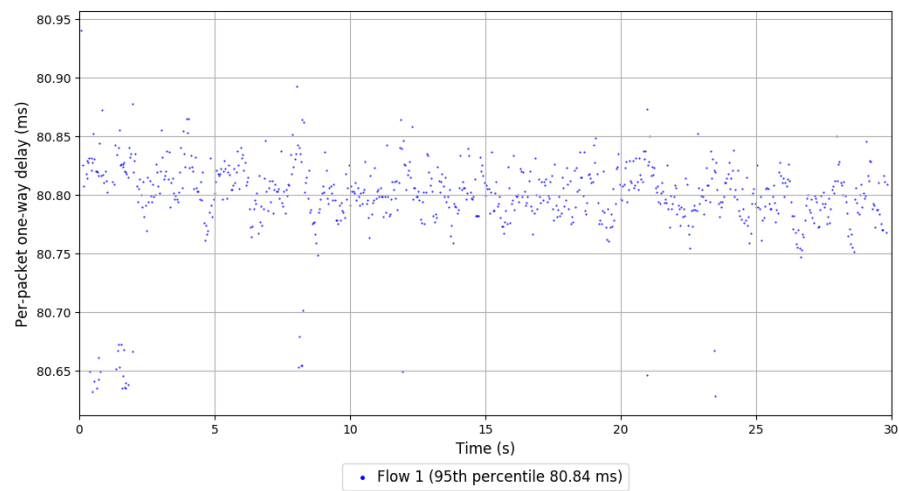
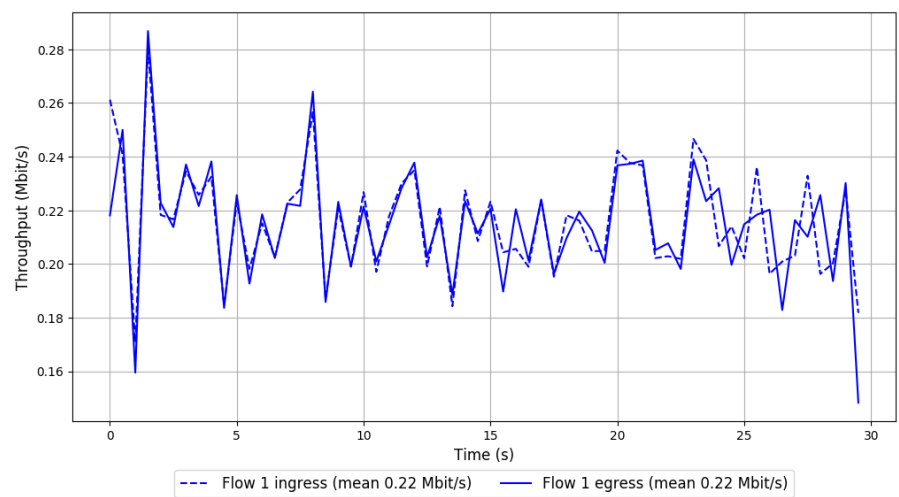
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 80.837 ms

Loss rate: 0.51%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SCReAM

Start at: 2018-03-20 11:32:09

End at: 2018-03-20 11:32:39

Local clock offset: -6.502 ms

Remote clock offset: 8.146 ms

Below is generated by plot.py at 2018-03-20 18:18:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 78.323 ms

Loss rate: 0.51%

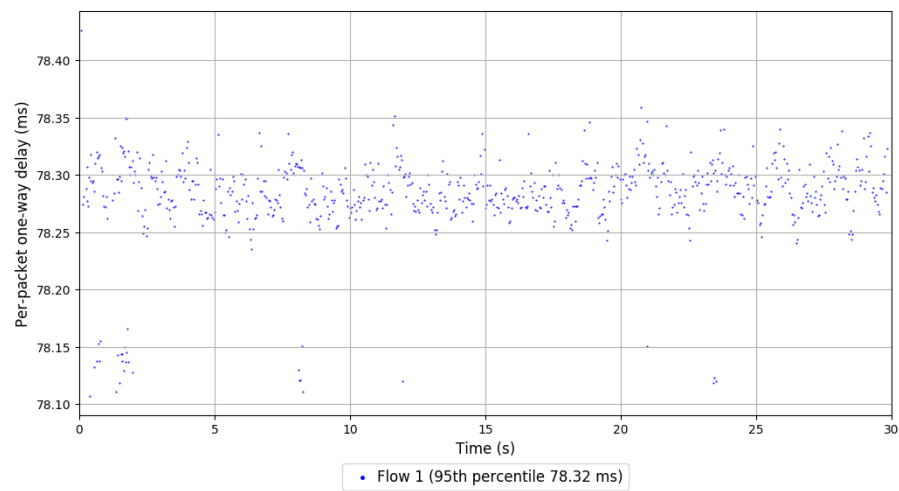
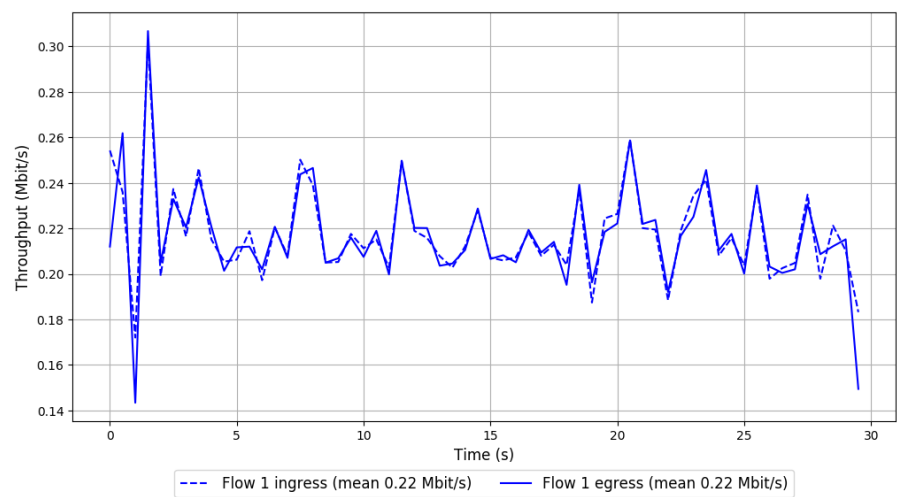
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 78.323 ms

Loss rate: 0.51%

Run 3: Report of SReAM — Data Link



Run 4: Statistics of SCReAM

Start at: 2018-03-20 11:54:21

End at: 2018-03-20 11:54:51

Local clock offset: -6.851 ms

Remote clock offset: 4.766 ms

Below is generated by plot.py at 2018-03-20 18:18:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 84.989 ms

Loss rate: 0.51%

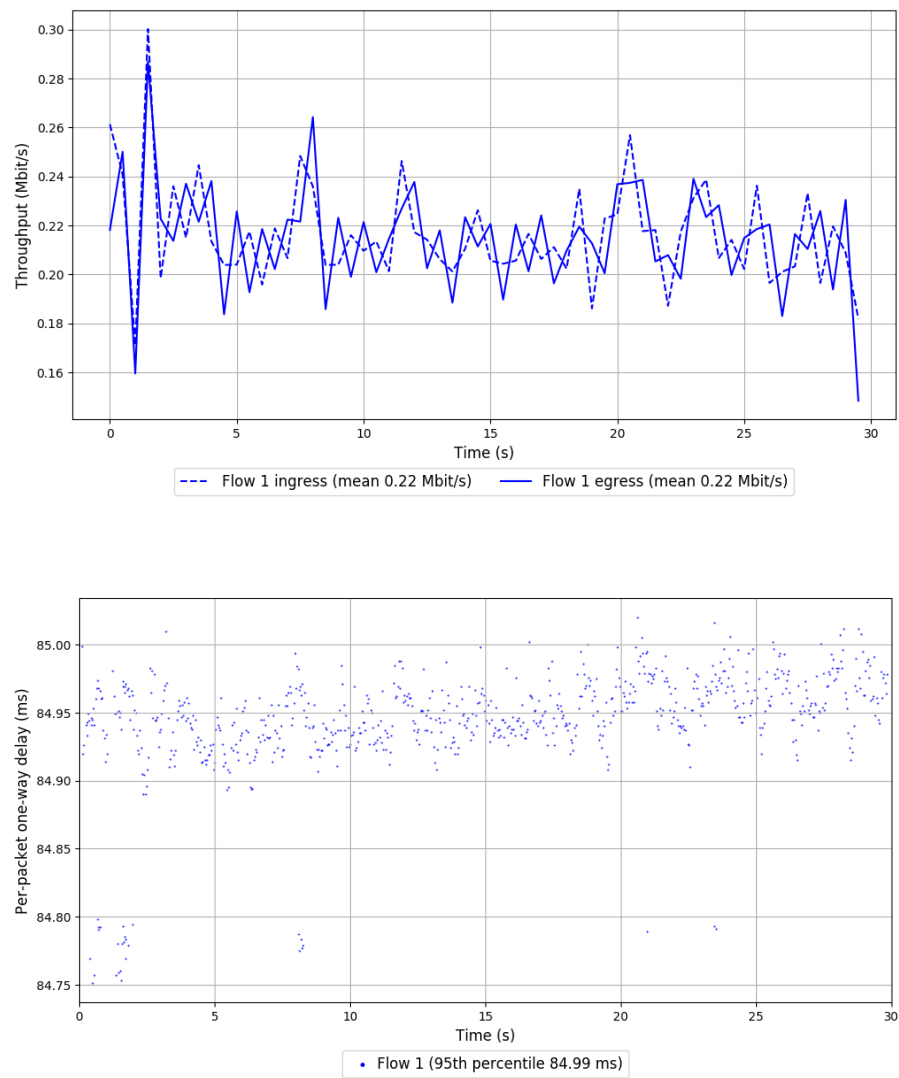
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 84.989 ms

Loss rate: 0.51%

Run 4: Report of SReAM — Data Link

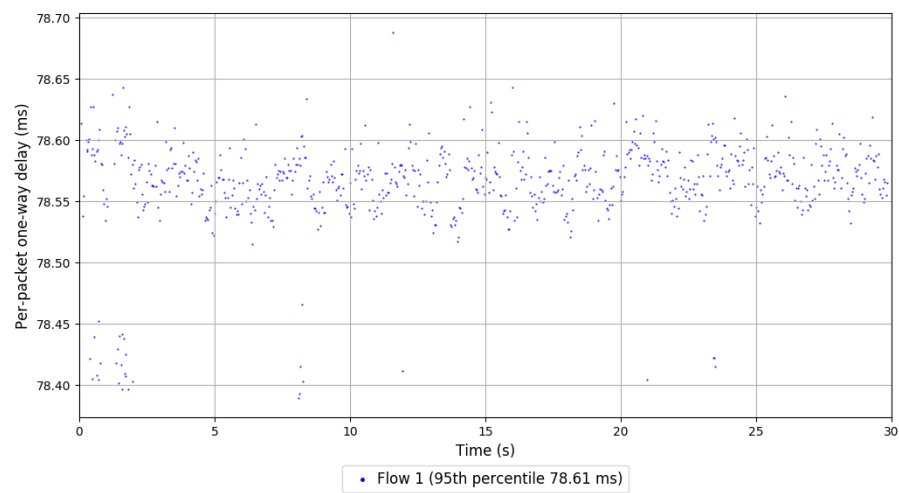
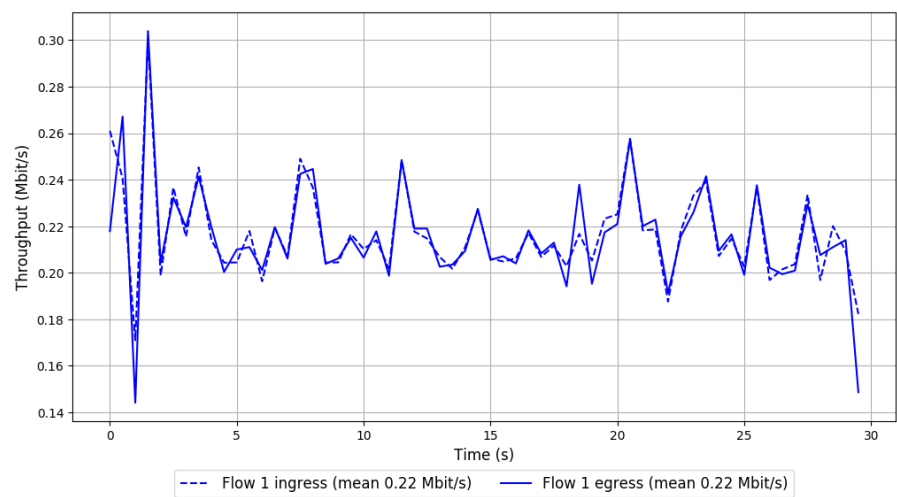


Run 5: Statistics of SCReAM

Start at: 2018-03-20 12:16:33
End at: 2018-03-20 12:17:03
Local clock offset: -6.863 ms
Remote clock offset: 11.332 ms

Below is generated by plot.py at 2018-03-20 18:18:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 78.609 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 78.609 ms
Loss rate: 0.51%

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SCReAM

Start at: 2018-03-20 12:38:52

End at: 2018-03-20 12:39:22

Local clock offset: -6.759 ms

Remote clock offset: 5.396 ms

Below is generated by plot.py at 2018-03-20 18:18:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 83.303 ms

Loss rate: 0.51%

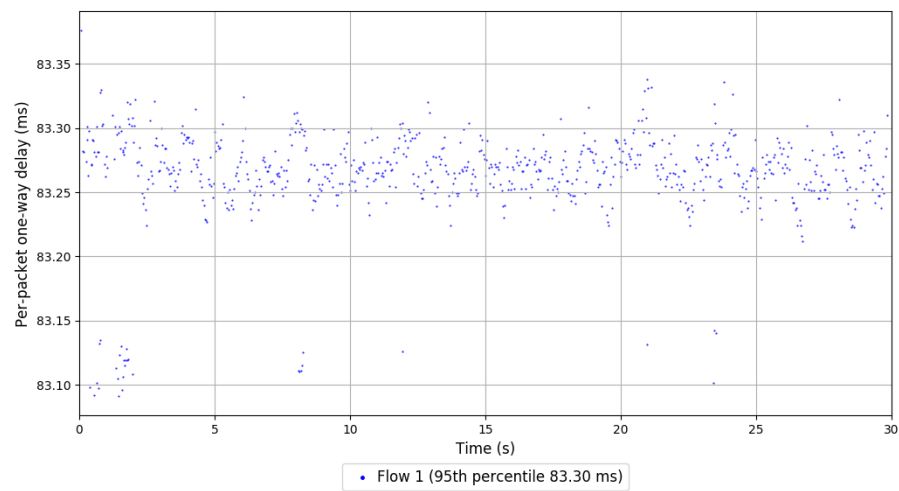
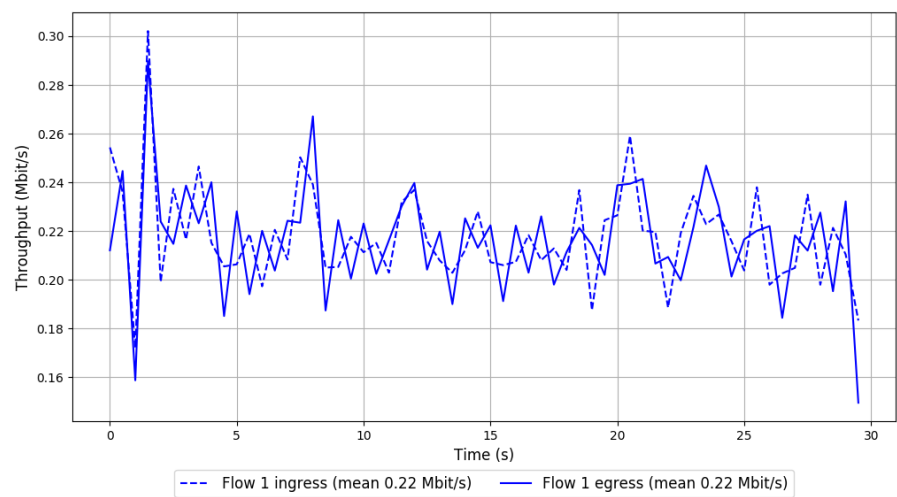
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 83.303 ms

Loss rate: 0.51%

Run 6: Report of SReAM — Data Link



Run 7: Statistics of SReAM

Start at: 2018-03-20 13:01:04

End at: 2018-03-20 13:01:34

Local clock offset: -6.624 ms

Remote clock offset: 9.429 ms

Below is generated by plot.py at 2018-03-20 18:18:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 80.896 ms

Loss rate: 0.51%

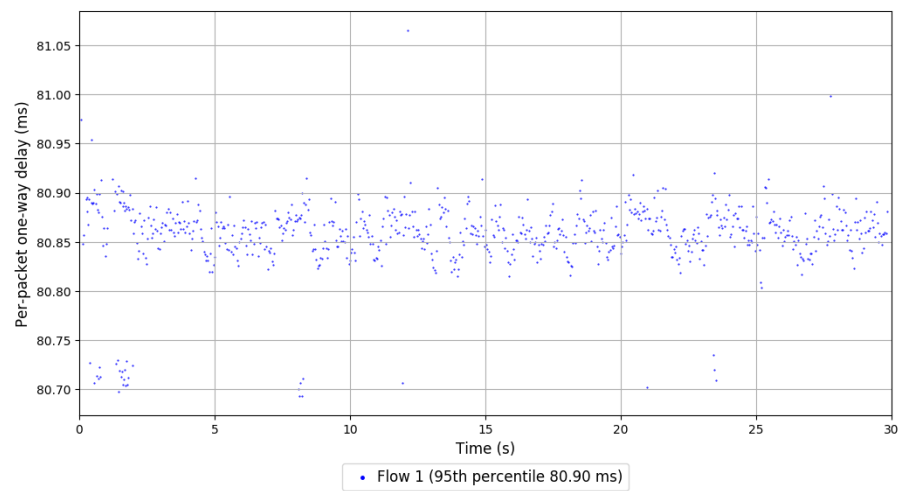
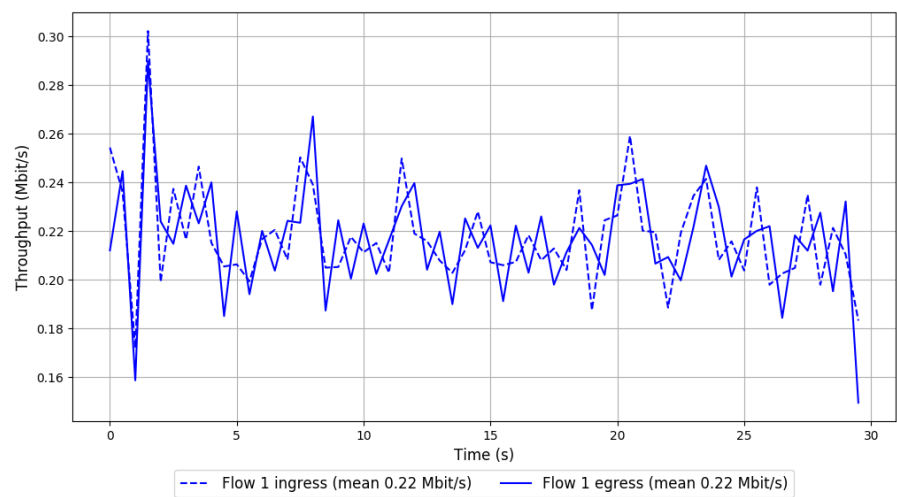
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 80.896 ms

Loss rate: 0.51%

Run 7: Report of SReAM — Data Link



Run 8: Statistics of SCReAM

Start at: 2018-03-20 13:23:17

End at: 2018-03-20 13:23:47

Local clock offset: -7.048 ms

Remote clock offset: 5.723 ms

Below is generated by plot.py at 2018-03-20 18:18:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 83.443 ms

Loss rate: 0.51%

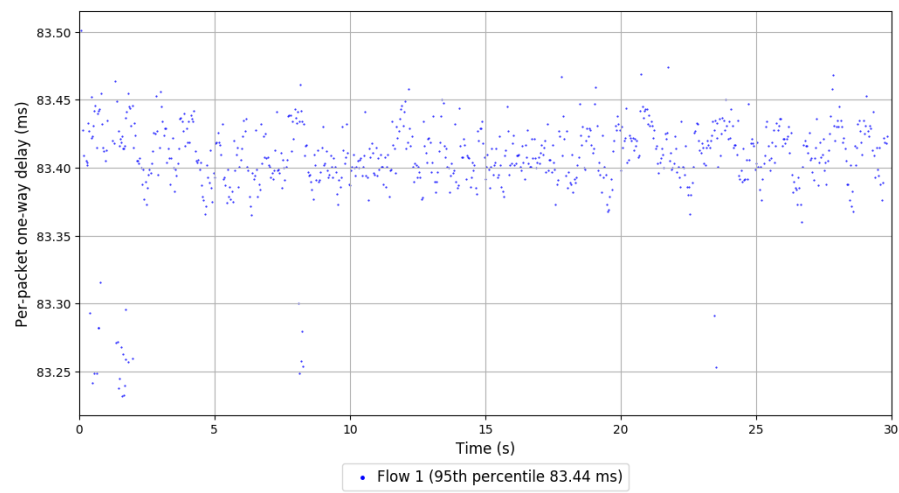
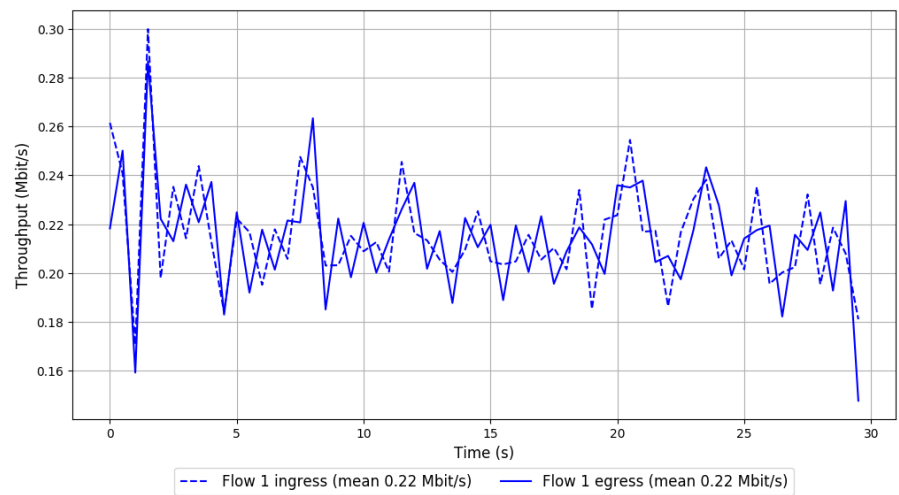
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 83.443 ms

Loss rate: 0.51%

Run 8: Report of SReAM — Data Link

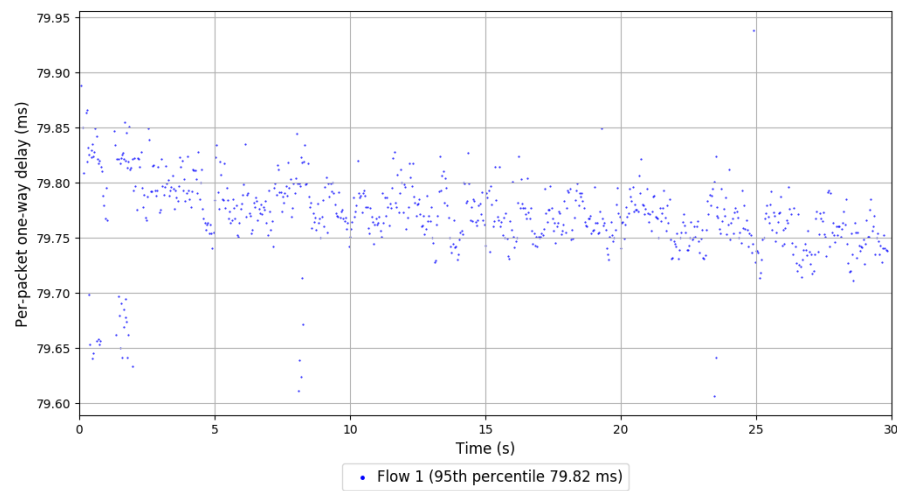
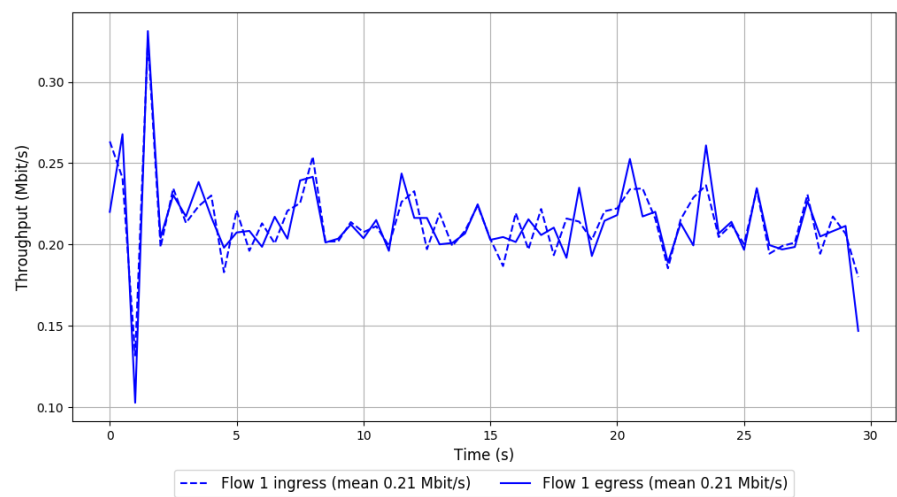


Run 9: Statistics of SReAM

Start at: 2018-03-20 13:45:29
End at: 2018-03-20 13:45:59
Local clock offset: -6.66 ms
Remote clock offset: 10.658 ms

Below is generated by plot.py at 2018-03-20 18:18:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 79.823 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 79.823 ms
Loss rate: 0.51%

Run 9: Report of SReAM — Data Link

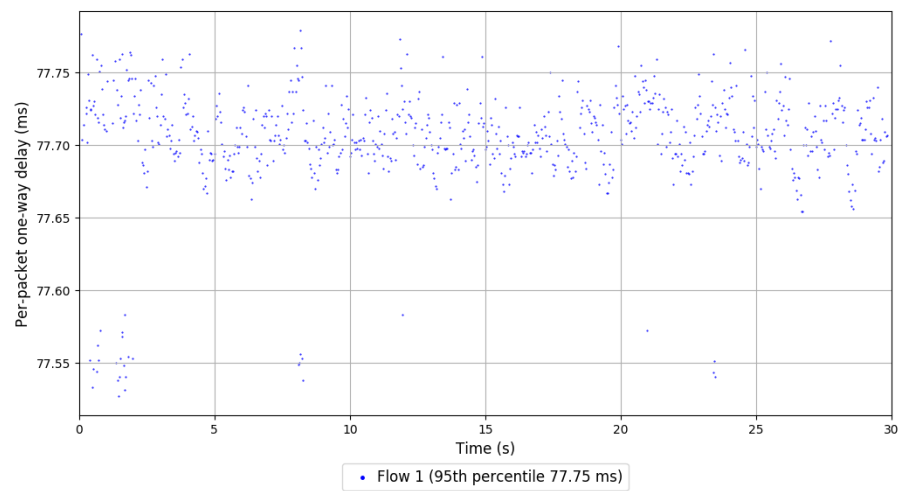
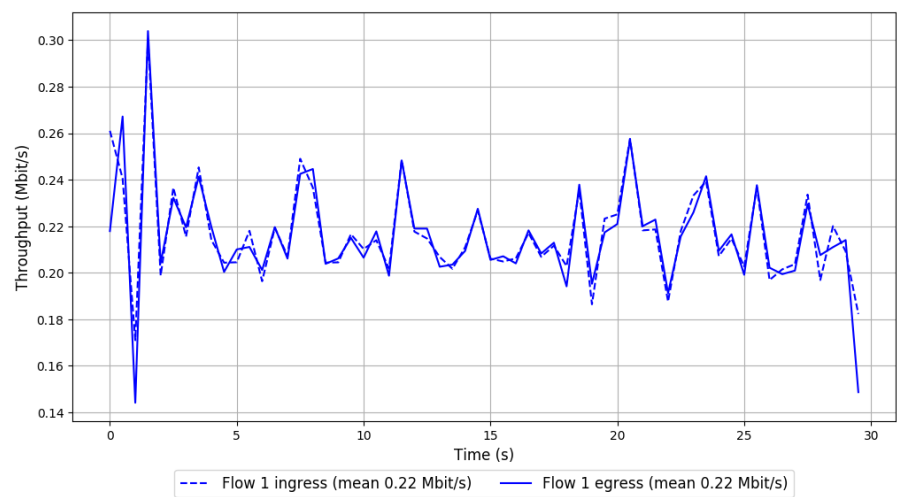


Run 10: Statistics of SReAM

Start at: 2018-03-20 14:07:40
End at: 2018-03-20 14:08:10
Local clock offset: -5.698 ms
Remote clock offset: 11.699 ms

Below is generated by plot.py at 2018-03-20 18:18:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 77.748 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 77.748 ms
Loss rate: 0.51%

Run 10: Report of SReAM — Data Link



Run 1: Statistics of WebRTC media

Start at: 2018-03-20 11:03:49

End at: 2018-03-20 11:04:19

Local clock offset: -6.131 ms

Remote clock offset: 7.551 ms

Below is generated by plot.py at 2018-03-20 18:18:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.23 Mbit/s

95th percentile per-packet one-way delay: 79.763 ms

Loss rate: 0.77%

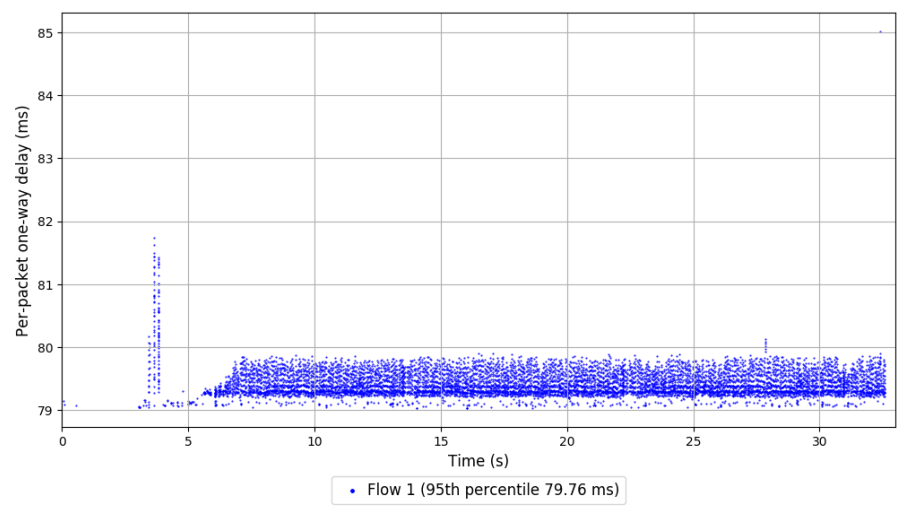
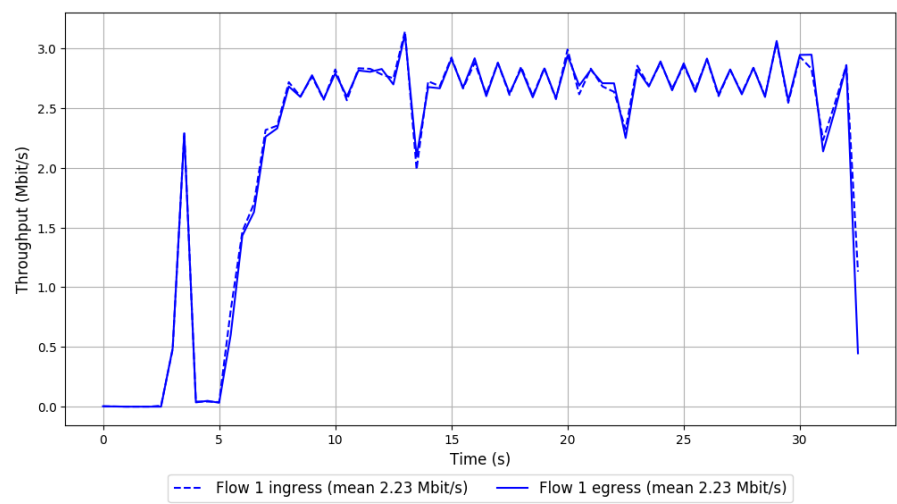
-- Flow 1:

Average throughput: 2.23 Mbit/s

95th percentile per-packet one-way delay: 79.763 ms

Loss rate: 0.77%

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: 2018-03-20 11:26:03

End at: 2018-03-20 11:26:33

Local clock offset: -6.21 ms

Remote clock offset: 3.409 ms

Below is generated by plot.py at 2018-03-20 18:18:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.23 Mbit/s

95th percentile per-packet one-way delay: 83.981 ms

Loss rate: 0.73%

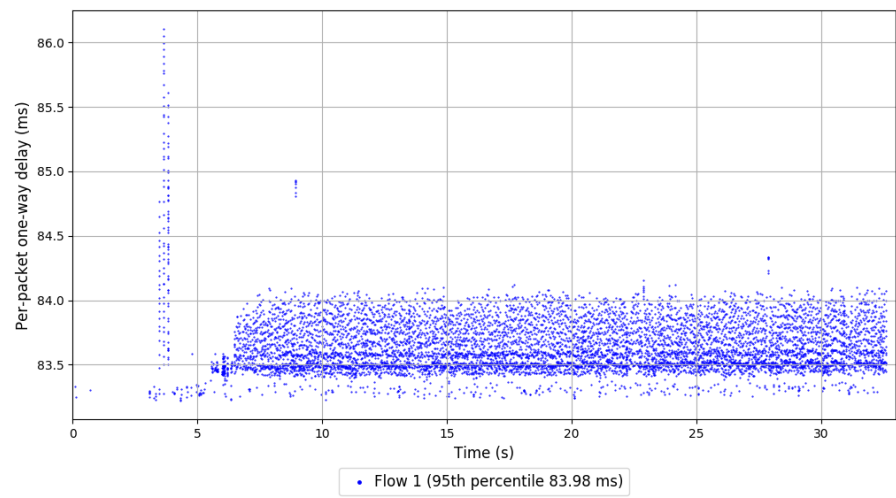
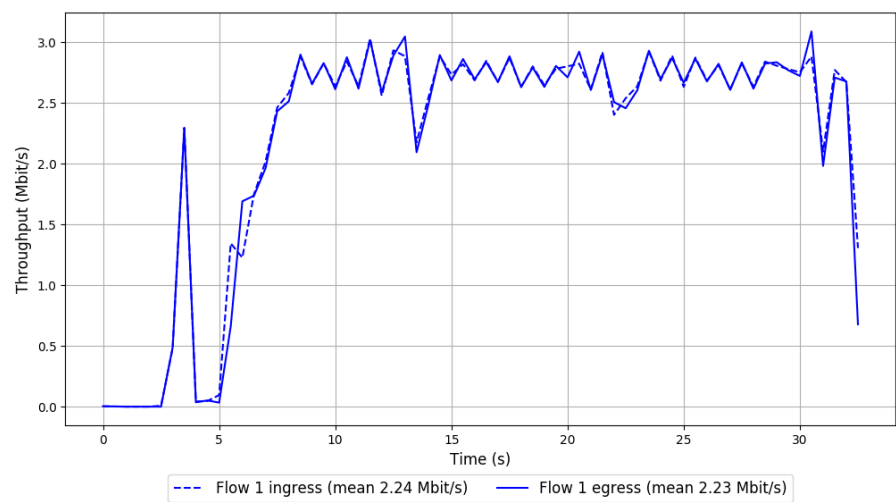
-- Flow 1:

Average throughput: 2.23 Mbit/s

95th percentile per-packet one-way delay: 83.981 ms

Loss rate: 0.73%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: 2018-03-20 11:48:17

End at: 2018-03-20 11:48:47

Local clock offset: -6.768 ms

Remote clock offset: 4.095 ms

Below is generated by plot.py at 2018-03-20 18:18:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.23 Mbit/s

95th percentile per-packet one-way delay: 86.987 ms

Loss rate: 0.76%

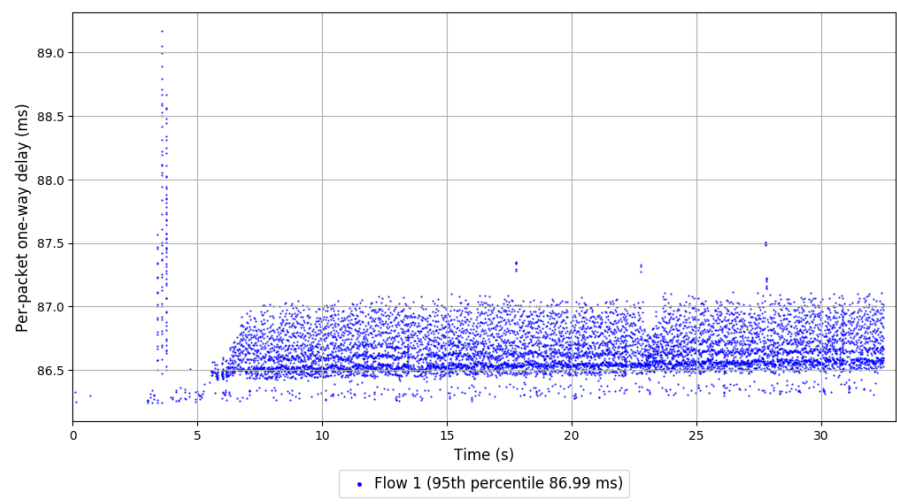
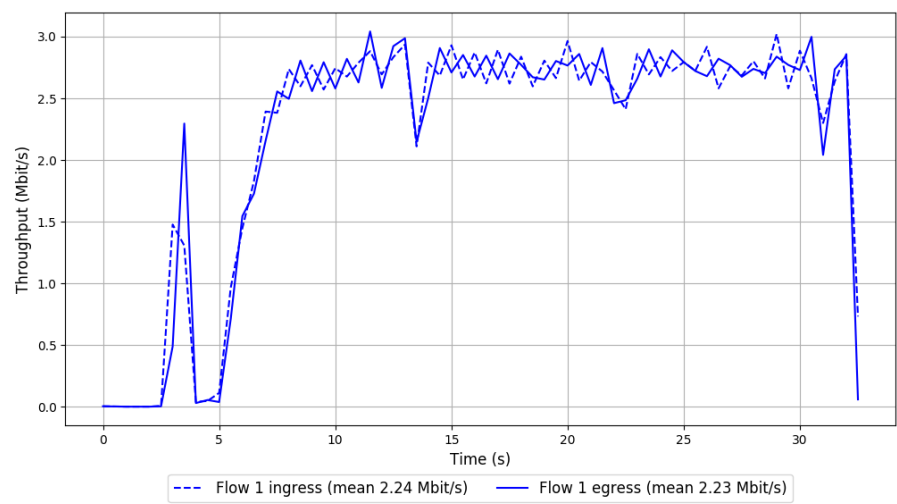
-- Flow 1:

Average throughput: 2.23 Mbit/s

95th percentile per-packet one-way delay: 86.987 ms

Loss rate: 0.76%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: 2018-03-20 12:10:29

End at: 2018-03-20 12:10:59

Local clock offset: -6.902 ms

Remote clock offset: 9.397 ms

Below is generated by plot.py at 2018-03-20 18:18:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.23 Mbit/s

95th percentile per-packet one-way delay: 80.980 ms

Loss rate: 0.62%

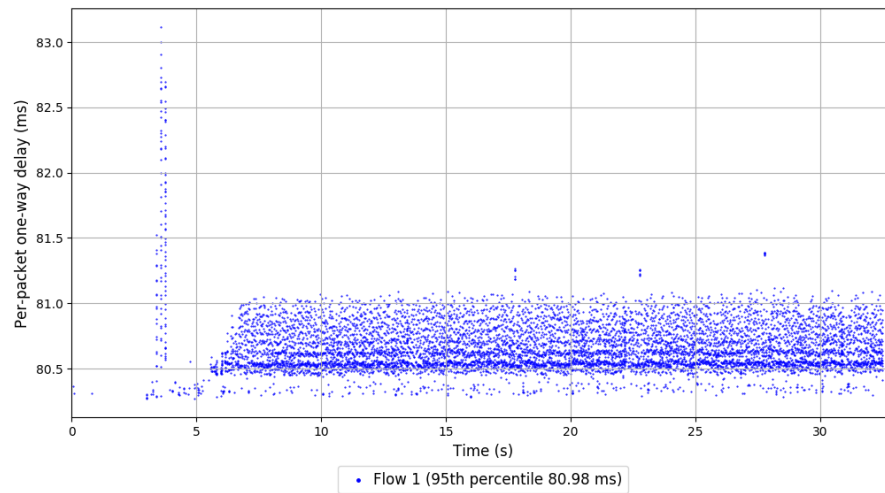
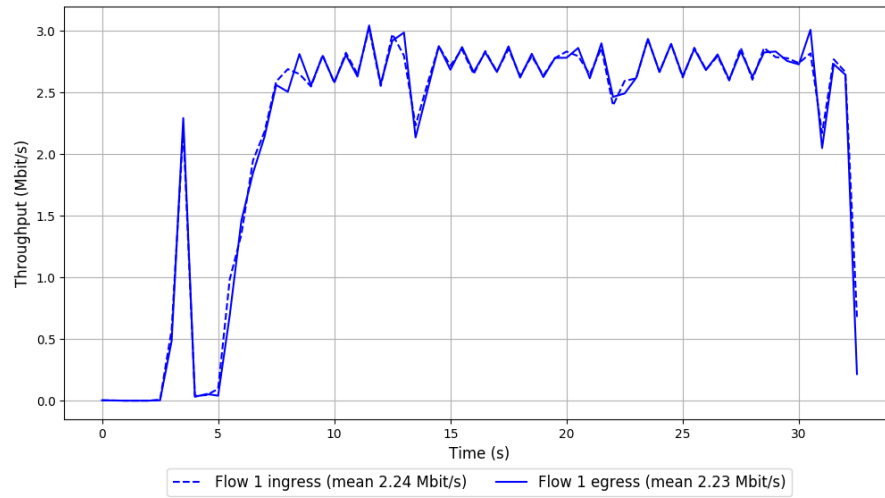
-- Flow 1:

Average throughput: 2.23 Mbit/s

95th percentile per-packet one-way delay: 80.980 ms

Loss rate: 0.62%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2018-03-20 12:32:48

End at: 2018-03-20 12:33:18

Local clock offset: -6.933 ms

Remote clock offset: 6.279 ms

Below is generated by plot.py at 2018-03-20 18:18:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.23 Mbit/s

95th percentile per-packet one-way delay: 84.681 ms

Loss rate: 0.61%

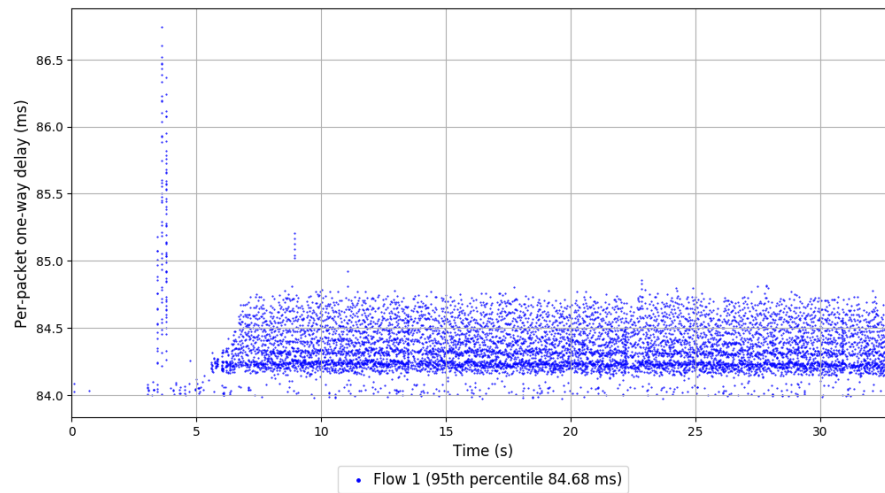
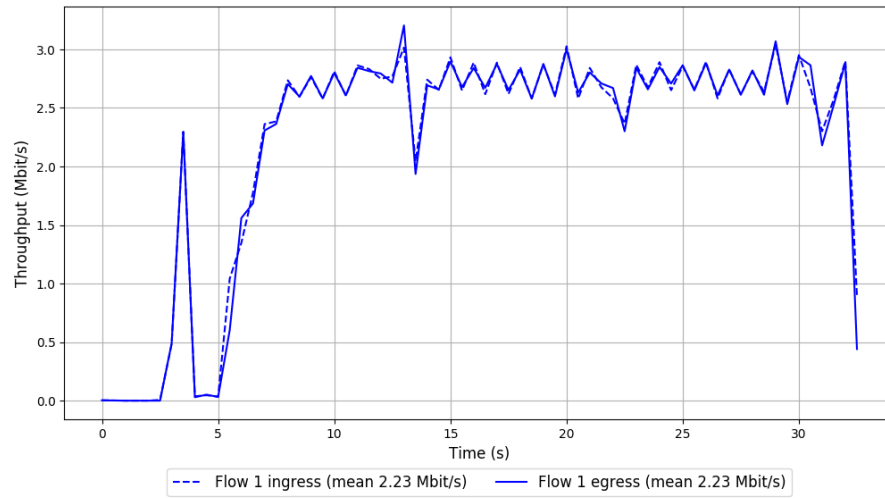
-- Flow 1:

Average throughput: 2.23 Mbit/s

95th percentile per-packet one-way delay: 84.681 ms

Loss rate: 0.61%

Run 5: Report of WebRTC media — Data Link

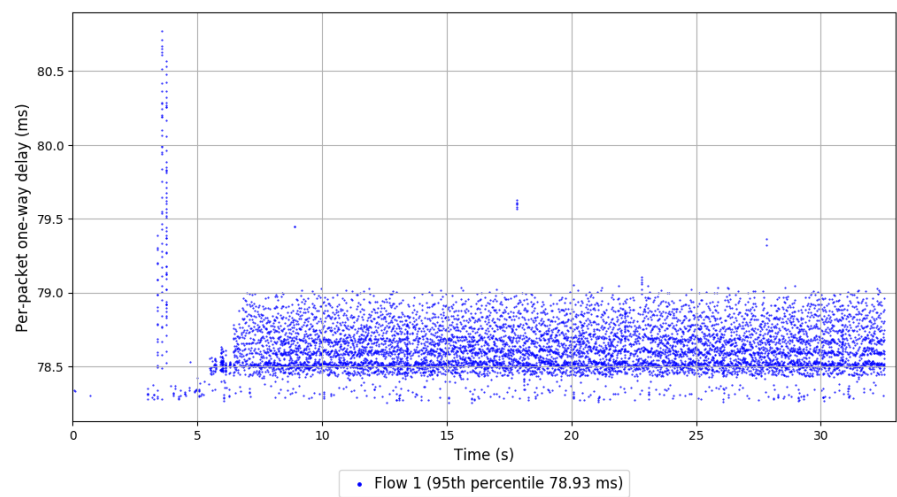
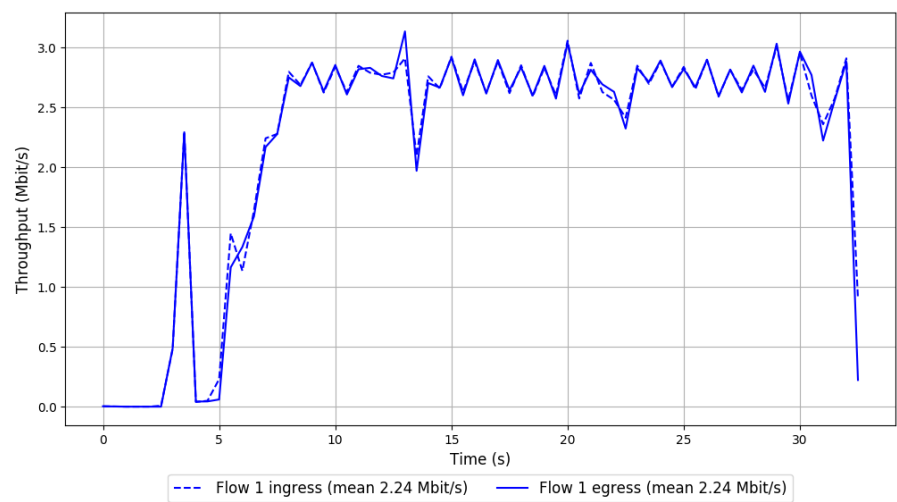


Run 6: Statistics of WebRTC media

Start at: 2018-03-20 12:54:59
End at: 2018-03-20 12:55:29
Local clock offset: -6.619 ms
Remote clock offset: 10.249 ms

Below is generated by plot.py at 2018-03-20 18:18:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.24 Mbit/s
95th percentile per-packet one-way delay: 78.927 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 2.24 Mbit/s
95th percentile per-packet one-way delay: 78.927 ms
Loss rate: 0.77%

Run 6: Report of WebRTC media — Data Link

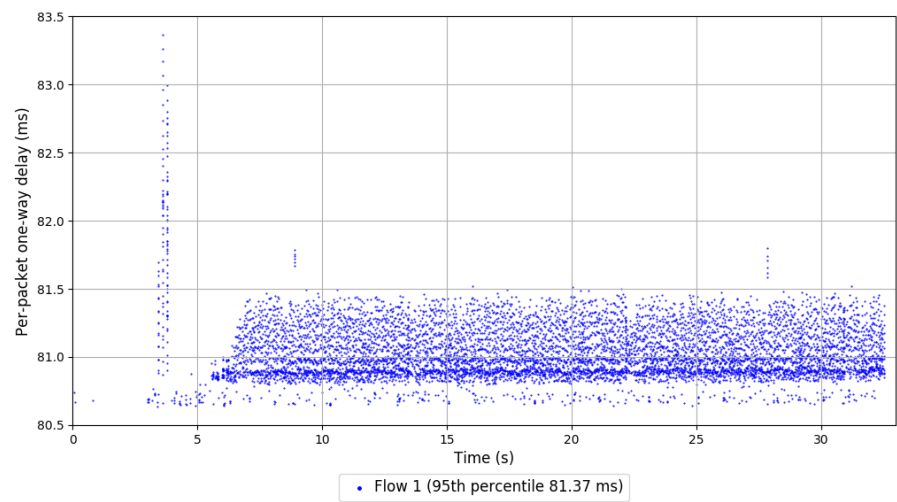
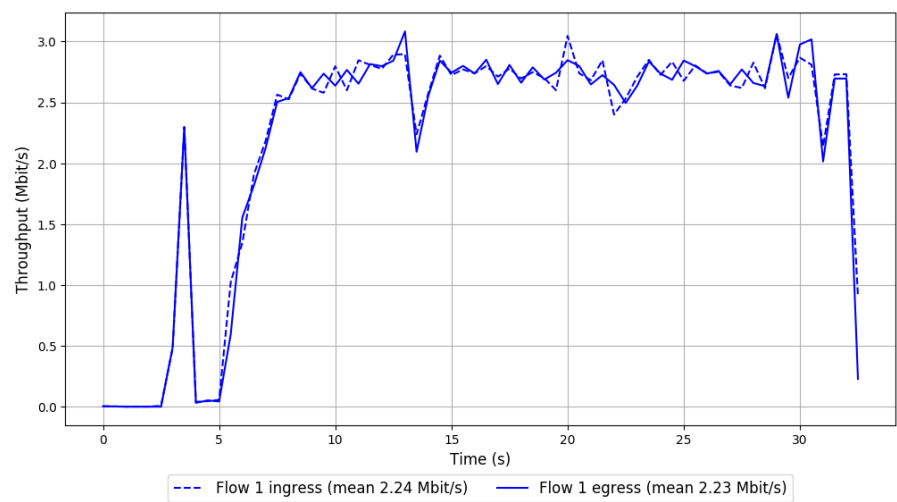


Run 7: Statistics of WebRTC media

Start at: 2018-03-20 13:17:13
End at: 2018-03-20 13:17:43
Local clock offset: -6.924 ms
Remote clock offset: 11.241 ms

Below is generated by plot.py at 2018-03-20 18:18:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.23 Mbit/s
95th percentile per-packet one-way delay: 81.369 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 2.23 Mbit/s
95th percentile per-packet one-way delay: 81.369 ms
Loss rate: 0.78%

Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

Start at: 2018-03-20 13:39:24

End at: 2018-03-20 13:39:54

Local clock offset: -7.164 ms

Remote clock offset: 6.656 ms

Below is generated by plot.py at 2018-03-20 18:18:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.23 Mbit/s

95th percentile per-packet one-way delay: 84.073 ms

Loss rate: 0.76%

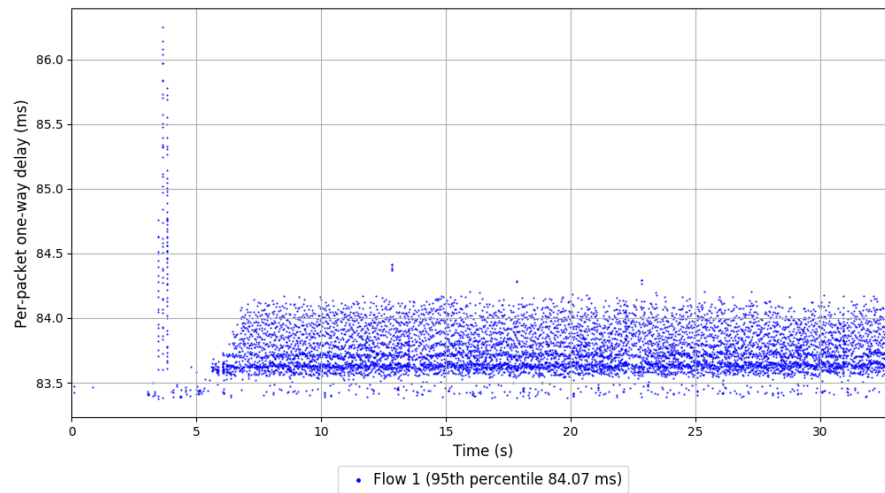
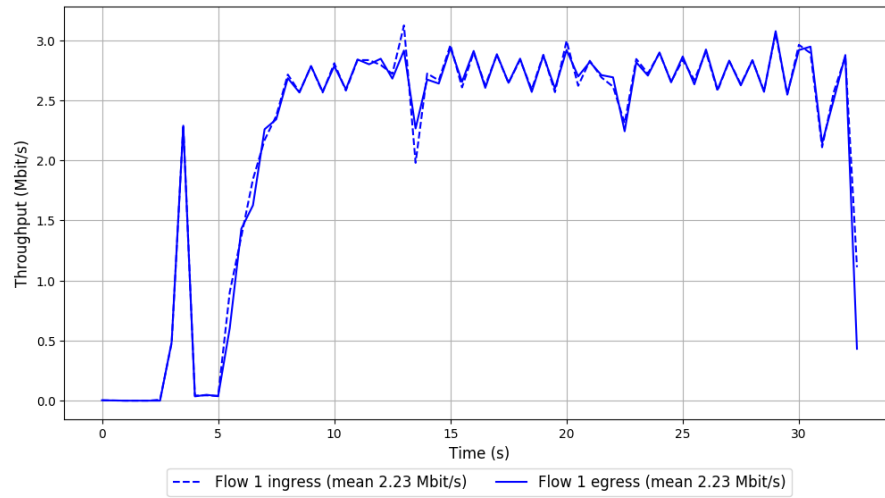
-- Flow 1:

Average throughput: 2.23 Mbit/s

95th percentile per-packet one-way delay: 84.073 ms

Loss rate: 0.76%

Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

Start at: 2018-03-20 14:01:35

End at: 2018-03-20 14:02:05

Local clock offset: -5.856 ms

Remote clock offset: 6.115 ms

Below is generated by plot.py at 2018-03-20 18:18:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.23 Mbit/s

95th percentile per-packet one-way delay: 86.914 ms

Loss rate: 0.76%

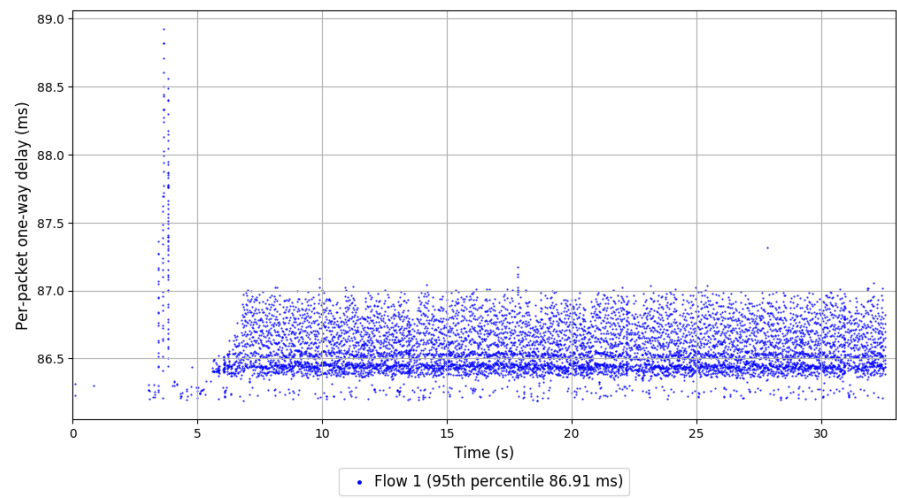
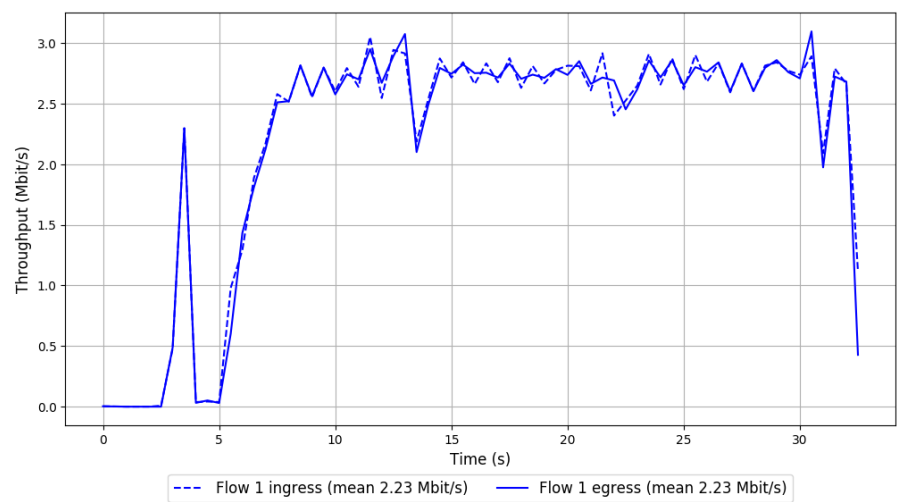
-- Flow 1:

Average throughput: 2.23 Mbit/s

95th percentile per-packet one-way delay: 86.914 ms

Loss rate: 0.76%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-03-20 14:23:48

End at: 2018-03-20 14:24:18

Local clock offset: -5.513 ms

Remote clock offset: 6.379 ms

Below is generated by plot.py at 2018-03-20 18:18:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.24 Mbit/s

95th percentile per-packet one-way delay: 83.670 ms

Loss rate: 0.77%

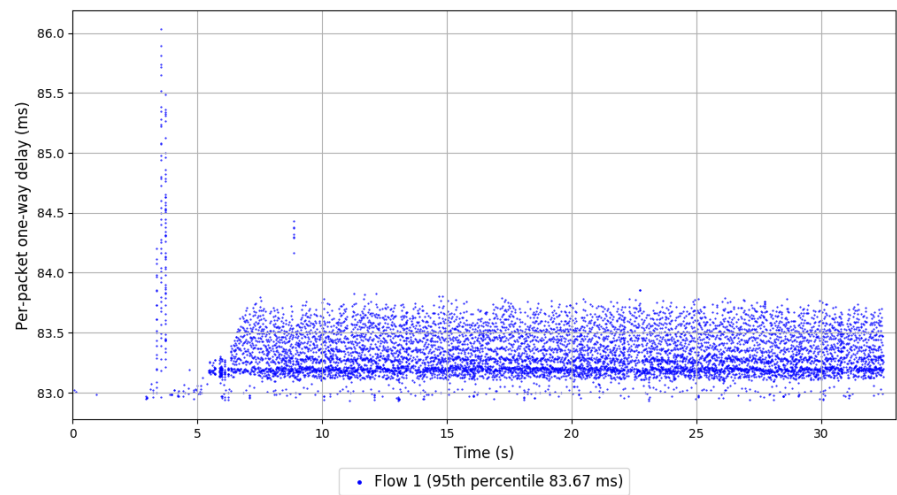
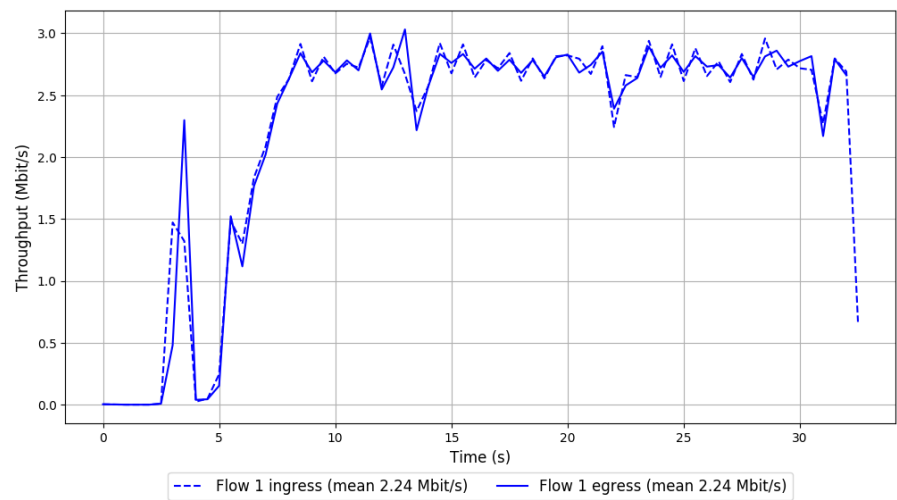
-- Flow 1:

Average throughput: 2.24 Mbit/s

95th percentile per-packet one-way delay: 83.670 ms

Loss rate: 0.77%

Run 10: Report of WebRTC media — Data Link



Run 1: Statistics of Sprout

Start at: 2018-03-20 10:55:04

End at: 2018-03-20 10:55:34

Local clock offset: -6.147 ms

Remote clock offset: 9.199 ms

Below is generated by plot.py at 2018-03-20 18:18:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.07 Mbit/s

95th percentile per-packet one-way delay: 87.003 ms

Loss rate: 0.81%

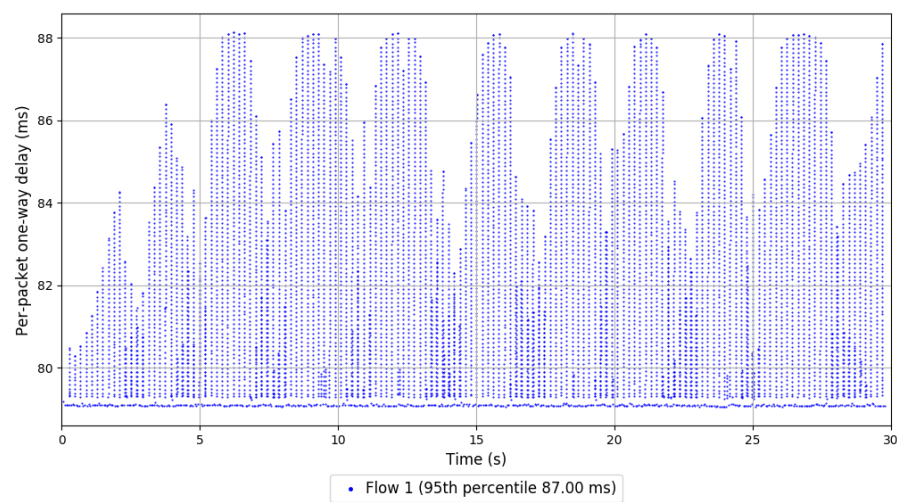
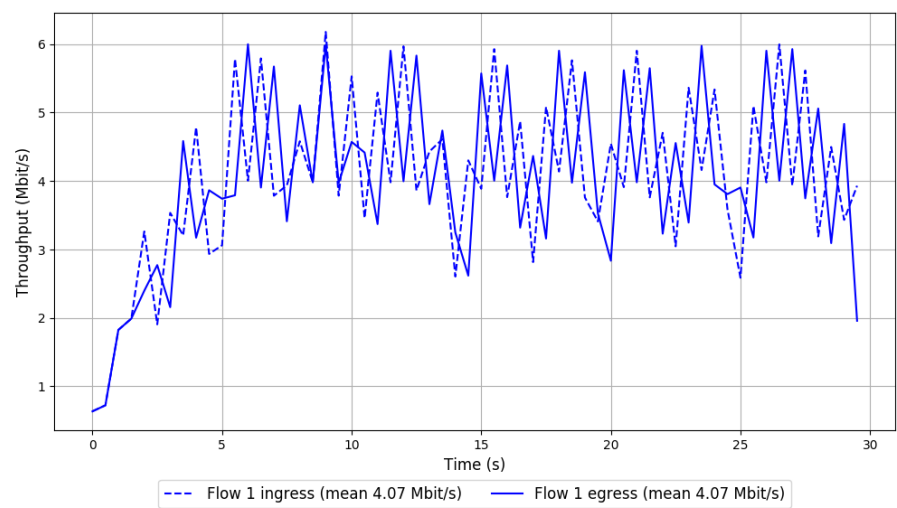
-- Flow 1:

Average throughput: 4.07 Mbit/s

95th percentile per-packet one-way delay: 87.003 ms

Loss rate: 0.81%

Run 1: Report of Sprout — Data Link

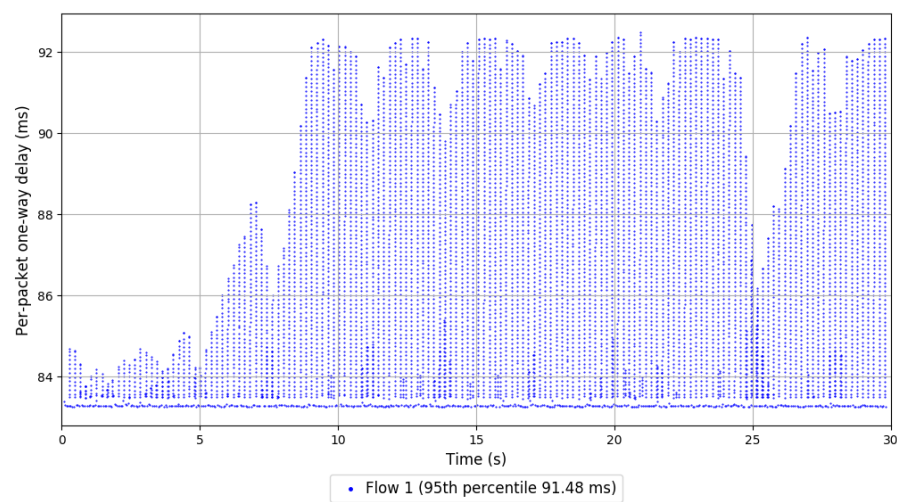
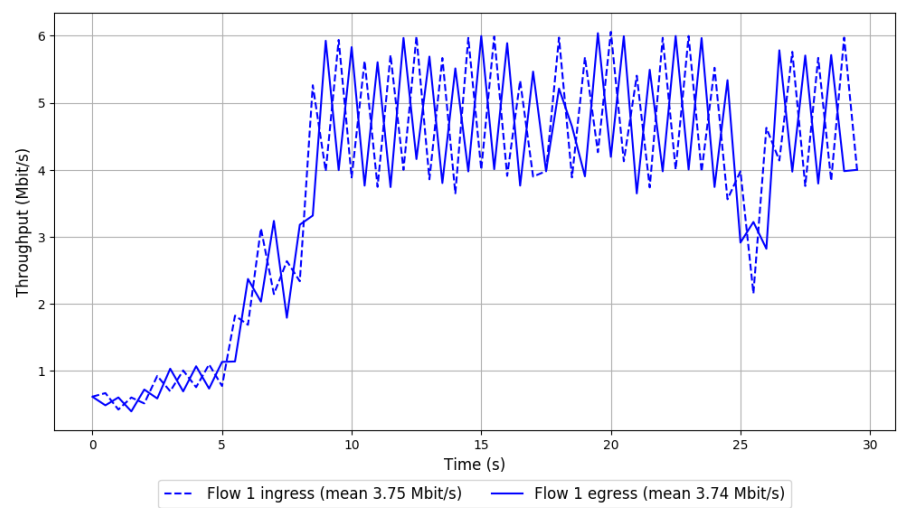


Run 2: Statistics of Sprout

Start at: 2018-03-20 11:17:18
End at: 2018-03-20 11:17:48
Local clock offset: -6.048 ms
Remote clock offset: 3.545 ms

Below is generated by plot.py at 2018-03-20 18:18:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 3.74 Mbit/s
95th percentile per-packet one-way delay: 91.479 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 3.74 Mbit/s
95th percentile per-packet one-way delay: 91.479 ms
Loss rate: 0.89%

Run 2: Report of Sprout — Data Link

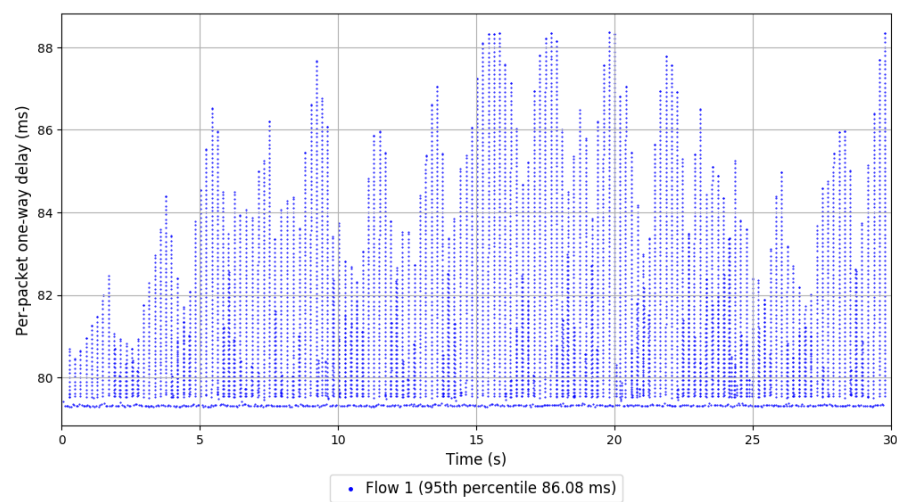
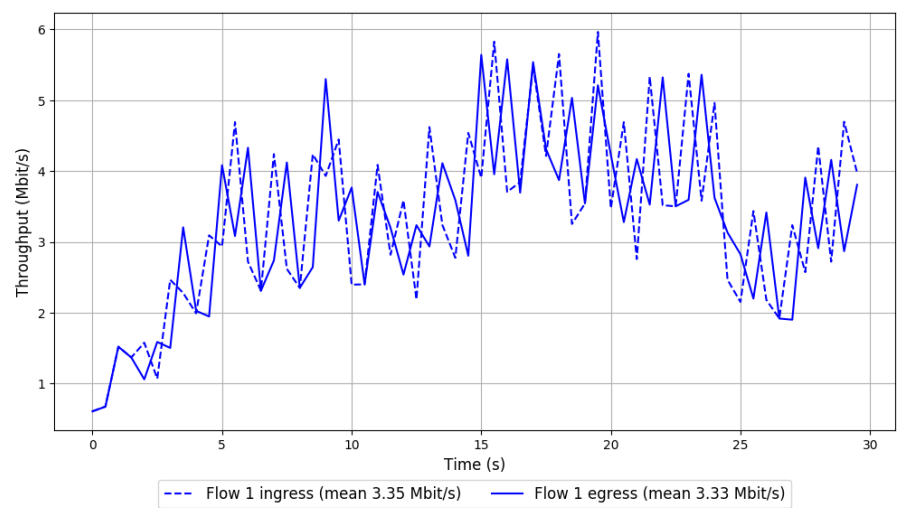


Run 3: Statistics of Sprout

Start at: 2018-03-20 11:39:31
End at: 2018-03-20 11:40:01
Local clock offset: -6.704 ms
Remote clock offset: 8.895 ms

Below is generated by plot.py at 2018-03-20 18:18:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 3.33 Mbit/s
95th percentile per-packet one-way delay: 86.081 ms
Loss rate: 1.00%
-- Flow 1:
Average throughput: 3.33 Mbit/s
95th percentile per-packet one-way delay: 86.081 ms
Loss rate: 1.00%

Run 3: Report of Sprout — Data Link

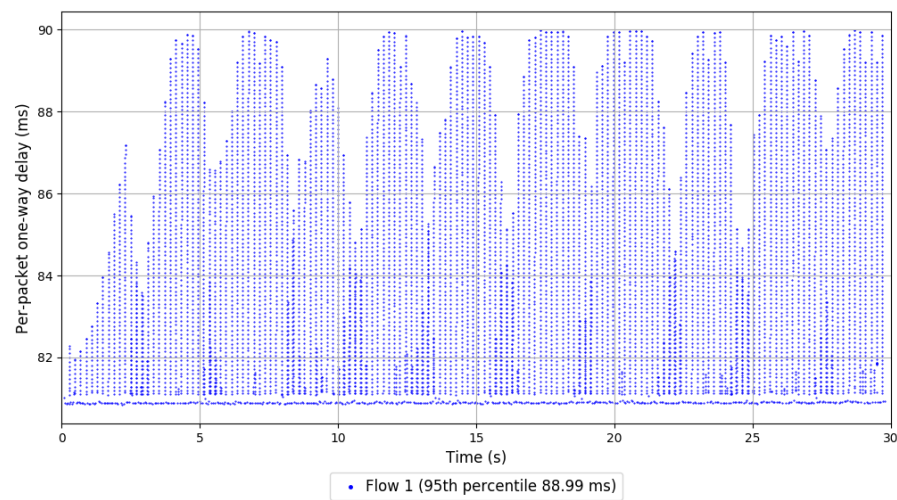
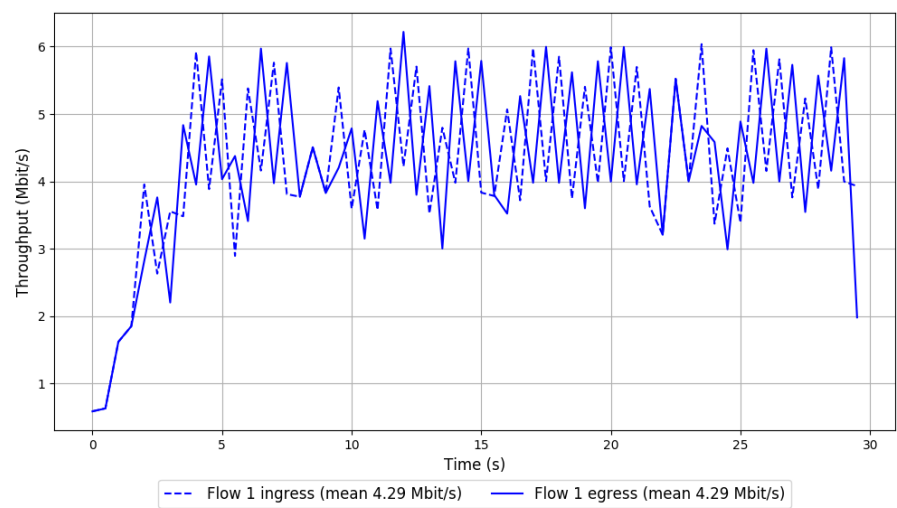


Run 4: Statistics of Sprout

Start at: 2018-03-20 12:01:44
End at: 2018-03-20 12:02:14
Local clock offset: -6.905 ms
Remote clock offset: 9.085 ms

Below is generated by plot.py at 2018-03-20 18:18:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.29 Mbit/s
95th percentile per-packet one-way delay: 88.993 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 4.29 Mbit/s
95th percentile per-packet one-way delay: 88.993 ms
Loss rate: 0.76%

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: 2018-03-20 12:23:54

End at: 2018-03-20 12:24:24

Local clock offset: -6.968 ms

Remote clock offset: 6.367 ms

Below is generated by plot.py at 2018-03-20 18:18:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.09 Mbit/s

95th percentile per-packet one-way delay: 89.766 ms

Loss rate: 0.81%

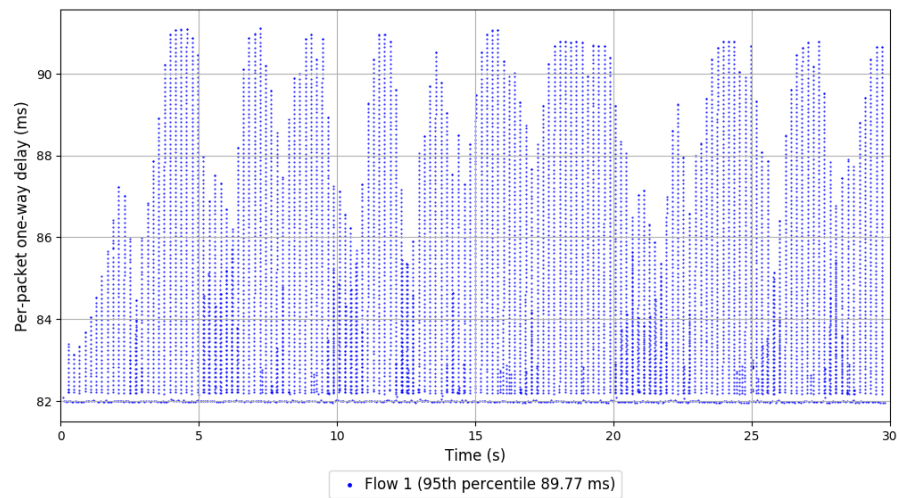
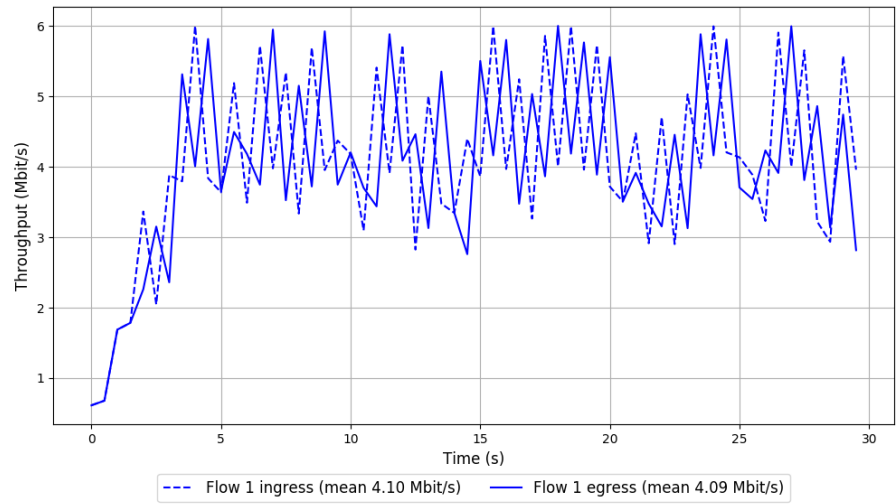
-- Flow 1:

Average throughput: 4.09 Mbit/s

95th percentile per-packet one-way delay: 89.766 ms

Loss rate: 0.81%

Run 5: Report of Sprout — Data Link

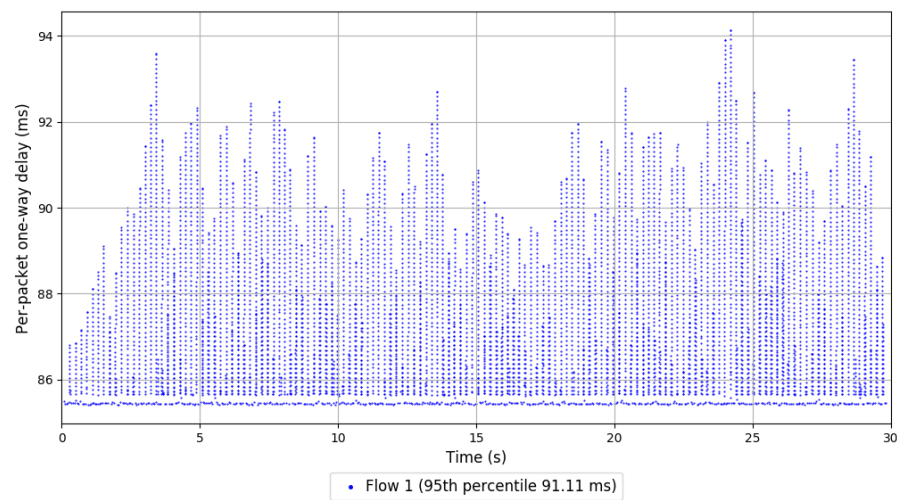
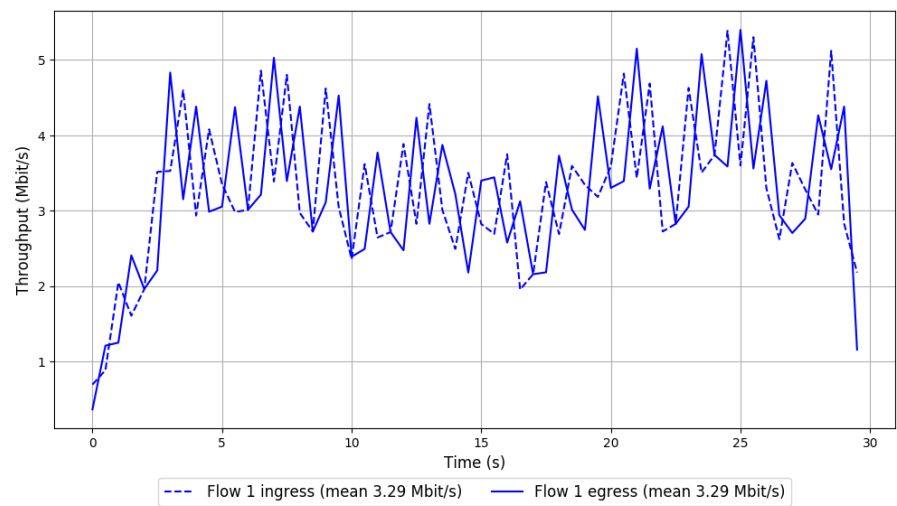


Run 6: Statistics of Sprout

Start at: 2018-03-20 12:46:13
End at: 2018-03-20 12:46:43
Local clock offset: -6.678 ms
Remote clock offset: 6.229 ms

Below is generated by plot.py at 2018-03-20 18:18:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 3.29 Mbit/s
95th percentile per-packet one-way delay: 91.106 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 3.29 Mbit/s
95th percentile per-packet one-way delay: 91.106 ms
Loss rate: 0.53%

Run 6: Report of Sprout — Data Link

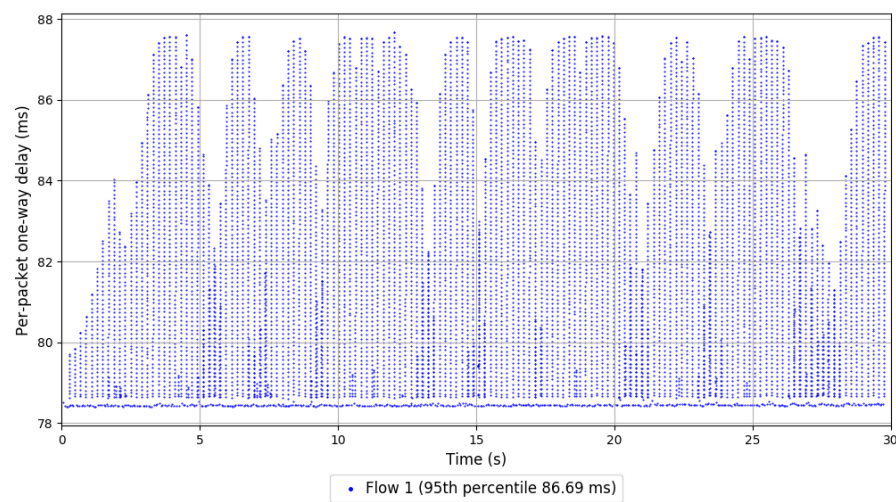
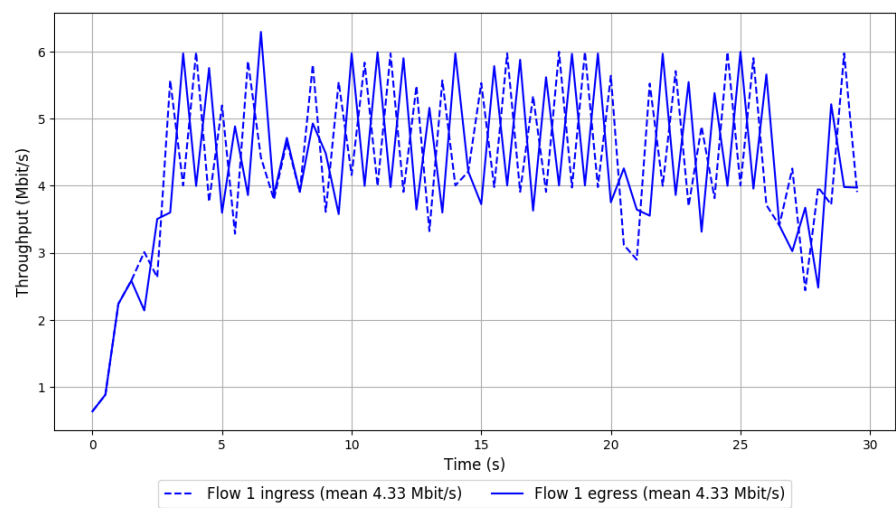


Run 7: Statistics of Sprout

Start at: 2018-03-20 13:08:27
End at: 2018-03-20 13:08:57
Local clock offset: -6.641 ms
Remote clock offset: 10.354 ms

Below is generated by plot.py at 2018-03-20 18:18:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.33 Mbit/s
95th percentile per-packet one-way delay: 86.686 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 4.33 Mbit/s
95th percentile per-packet one-way delay: 86.686 ms
Loss rate: 0.74%

Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

Start at: 2018-03-20 13:30:37

End at: 2018-03-20 13:31:07

Local clock offset: -7.045 ms

Remote clock offset: 5.768 ms

Below is generated by plot.py at 2018-03-20 18:18:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 3.89 Mbit/s

95th percentile per-packet one-way delay: 92.293 ms

Loss rate: 0.77%

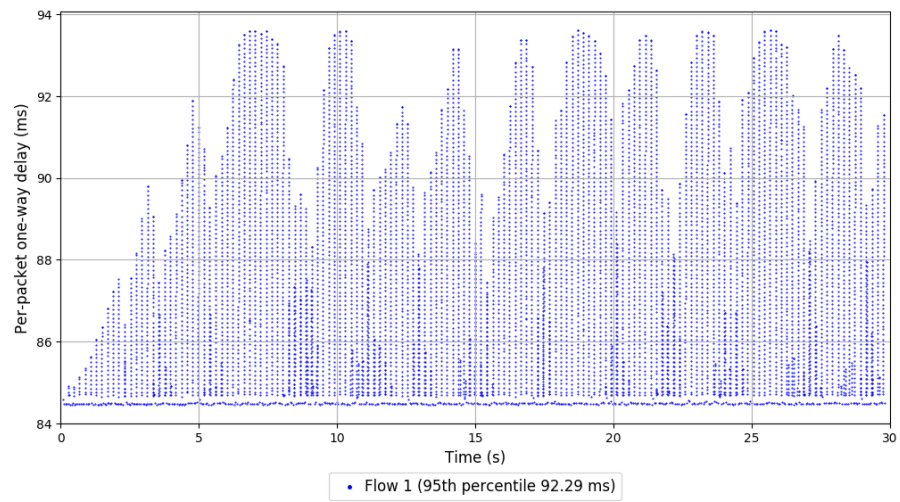
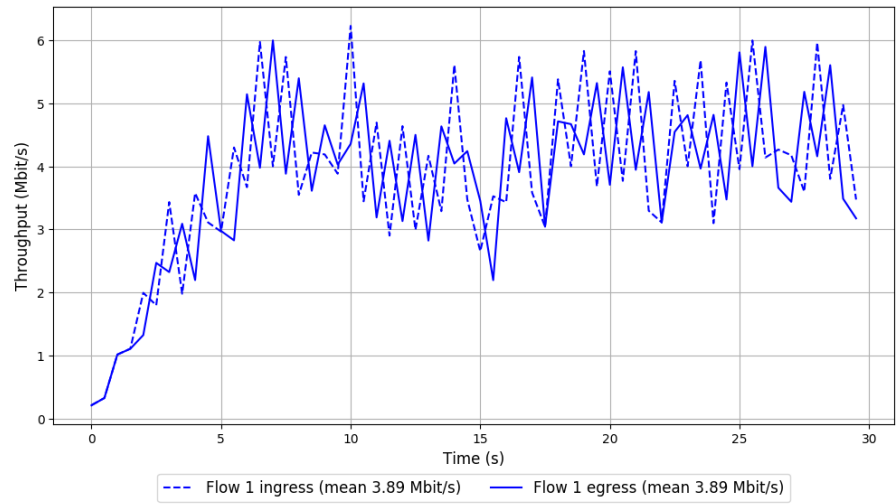
-- Flow 1:

Average throughput: 3.89 Mbit/s

95th percentile per-packet one-way delay: 92.293 ms

Loss rate: 0.77%

Run 8: Report of Sprout — Data Link



Run 9: Statistics of Sprout

Start at: 2018-03-20 13:52:51

End at: 2018-03-20 13:53:21

Local clock offset: -6.167 ms

Remote clock offset: 6.073 ms

Below is generated by plot.py at 2018-03-20 18:18:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.09 Mbit/s

95th percentile per-packet one-way delay: 91.985 ms

Loss rate: 0.00%

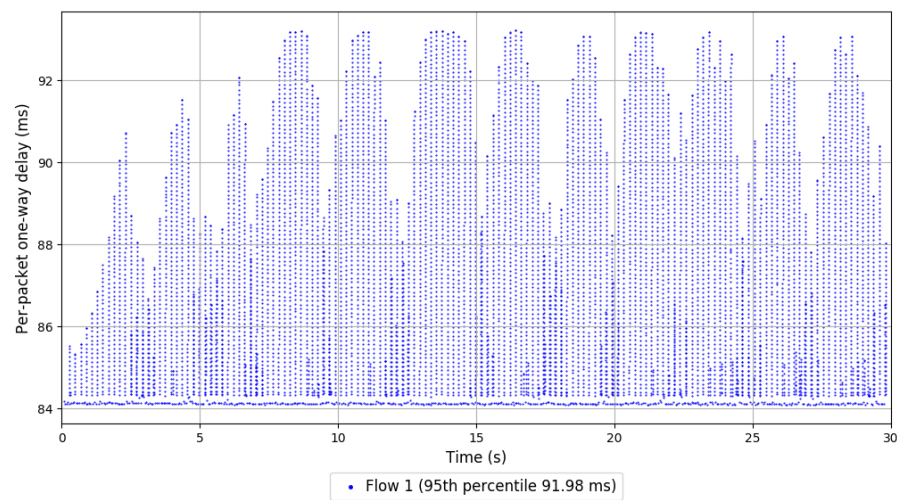
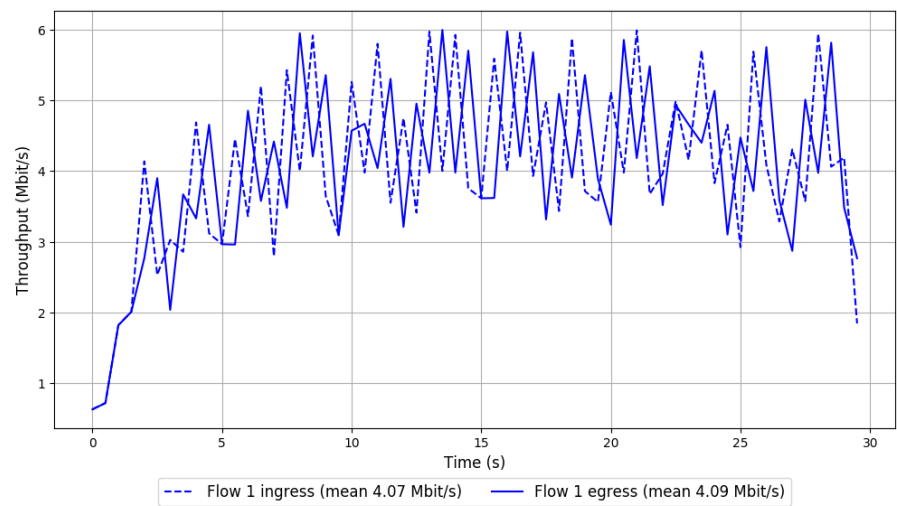
-- Flow 1:

Average throughput: 4.09 Mbit/s

95th percentile per-packet one-way delay: 91.985 ms

Loss rate: 0.00%

Run 9: Report of Sprout — Data Link

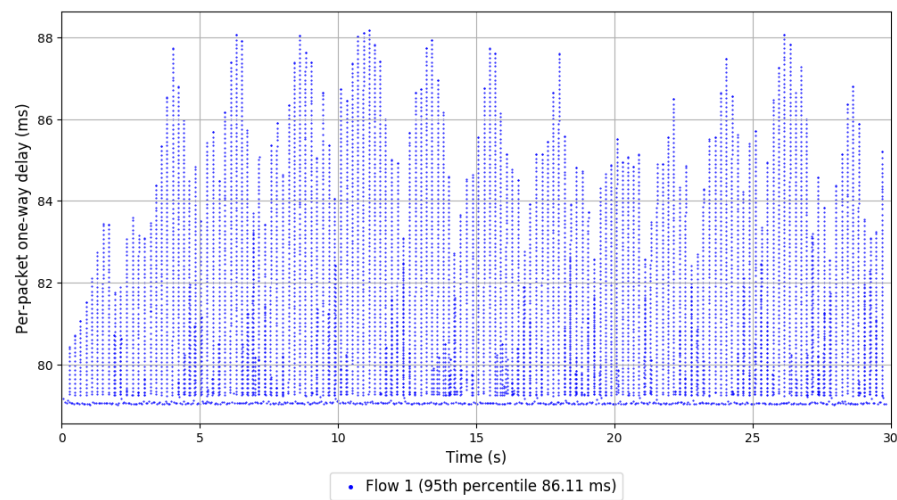
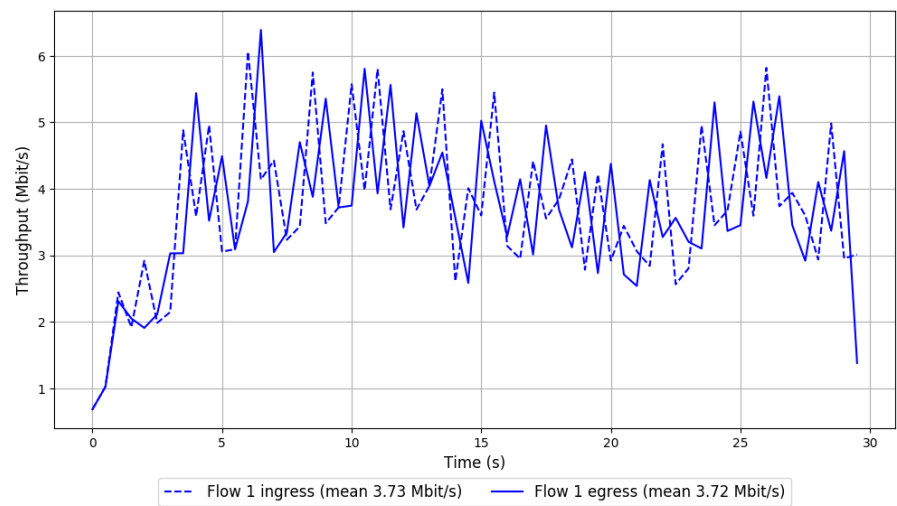


Run 10: Statistics of Sprout

Start at: 2018-03-20 14:15:02
End at: 2018-03-20 14:15:32
Local clock offset: -5.612 ms
Remote clock offset: 11.805 ms

Below is generated by plot.py at 2018-03-20 18:18:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 3.72 Mbit/s
95th percentile per-packet one-way delay: 86.115 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 3.72 Mbit/s
95th percentile per-packet one-way delay: 86.115 ms
Loss rate: 0.73%

Run 10: Report of Sprout — Data Link

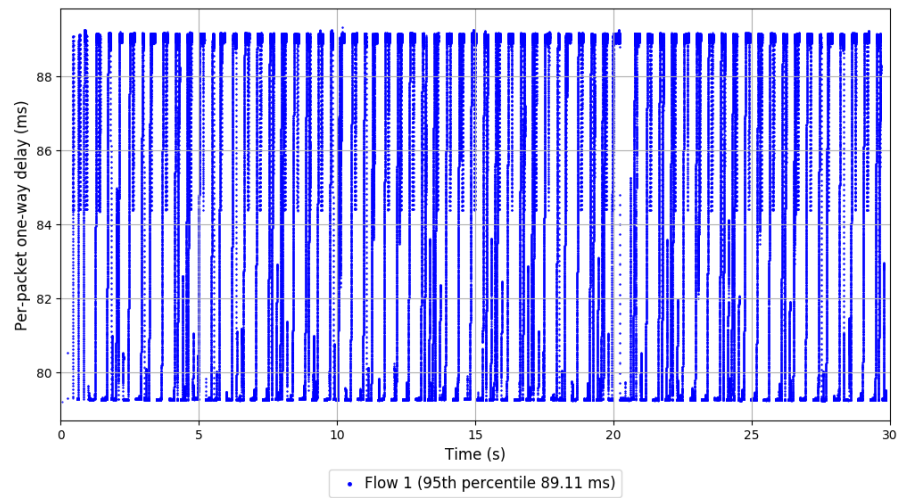
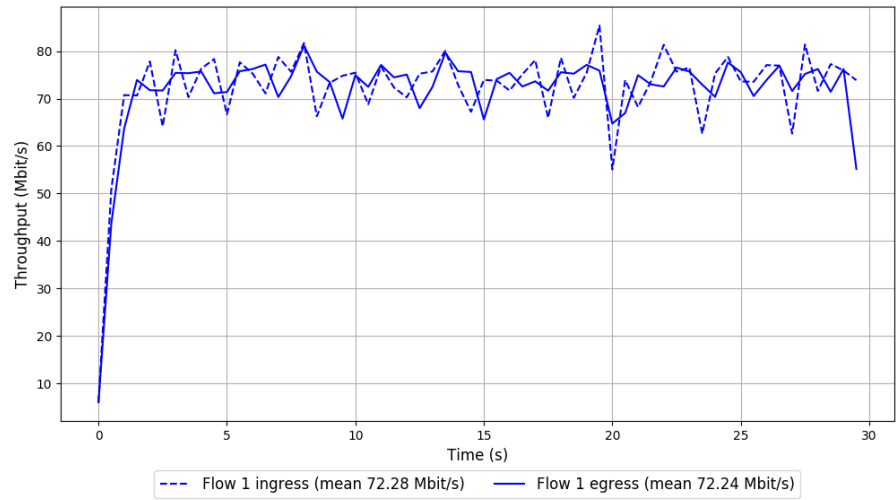


```
Run 1: Statistics of TaoVA-100x

Start at: 2018-03-20 10:50:04
End at: 2018-03-20 10:50:34
Local clock offset: -6.084 ms
Remote clock offset: 9.327 ms

# Below is generated by plot.py at 2018-03-20 18:19:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.24 Mbit/s
95th percentile per-packet one-way delay: 89.113 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 72.24 Mbit/s
95th percentile per-packet one-way delay: 89.113 ms
Loss rate: 0.78%
```


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



Run 2: Statistics of TaoVA-100x

Start at: 2018-03-20 11:12:18

End at: 2018-03-20 11:12:48

Local clock offset: -6.063 ms

Remote clock offset: 8.248 ms

Below is generated by plot.py at 2018-03-20 18:19:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 71.28 Mbit/s

95th percentile per-packet one-way delay: 91.621 ms

Loss rate: 0.59%

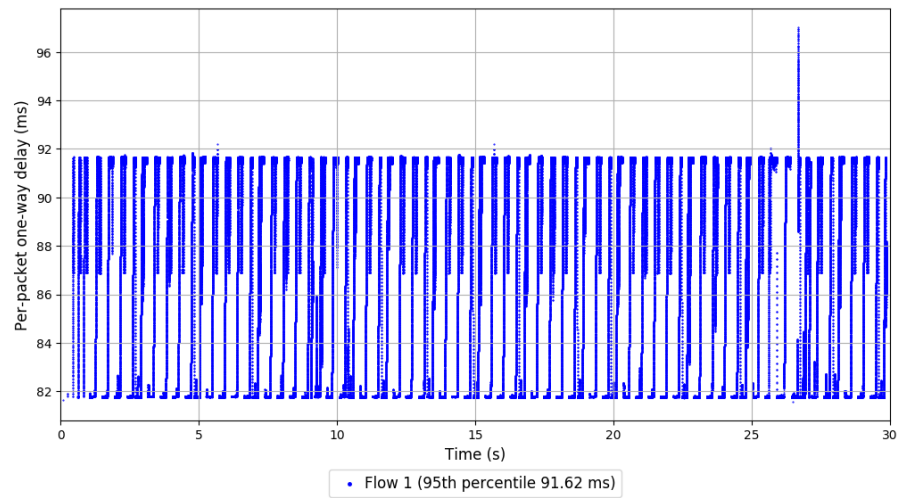
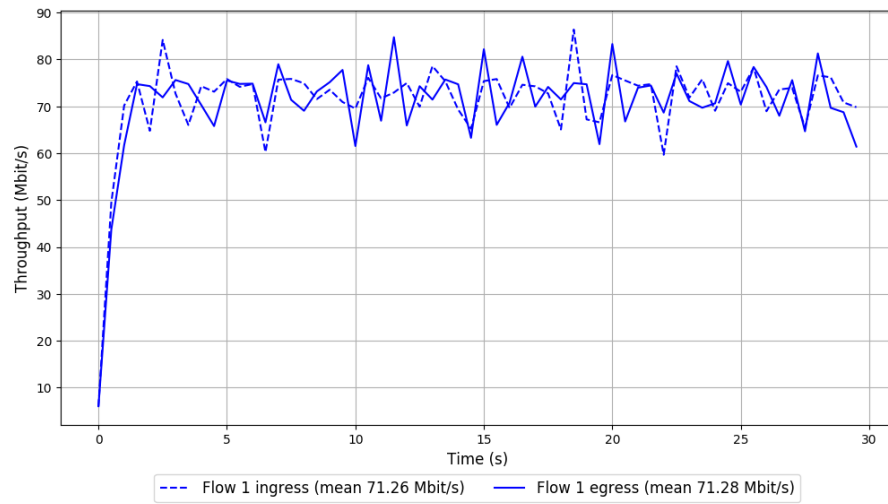
-- Flow 1:

Average throughput: 71.28 Mbit/s

95th percentile per-packet one-way delay: 91.621 ms

Loss rate: 0.59%

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



Run 3: Statistics of TaoVA-100x

Start at: 2018-03-20 11:34:32

End at: 2018-03-20 11:35:02

Local clock offset: -6.542 ms

Remote clock offset: 4.176 ms

Below is generated by plot.py at 2018-03-20 18:19:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 71.75 Mbit/s

95th percentile per-packet one-way delay: 92.538 ms

Loss rate: 0.84%

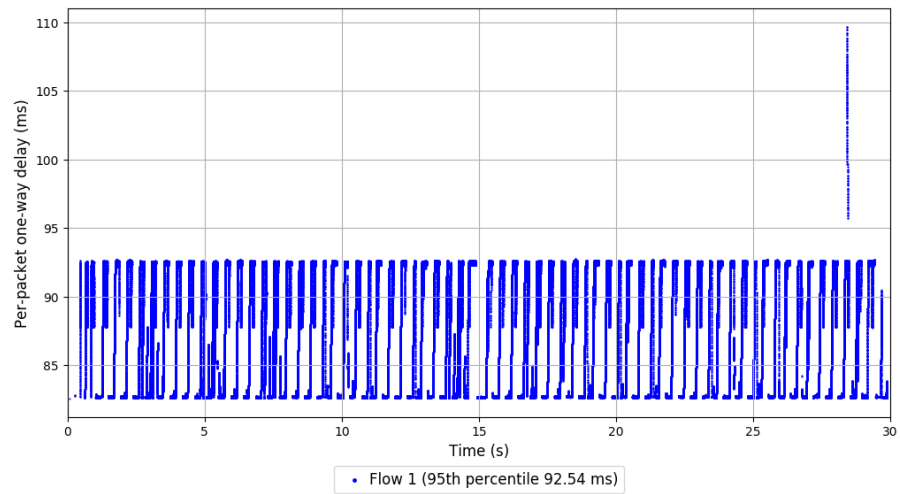
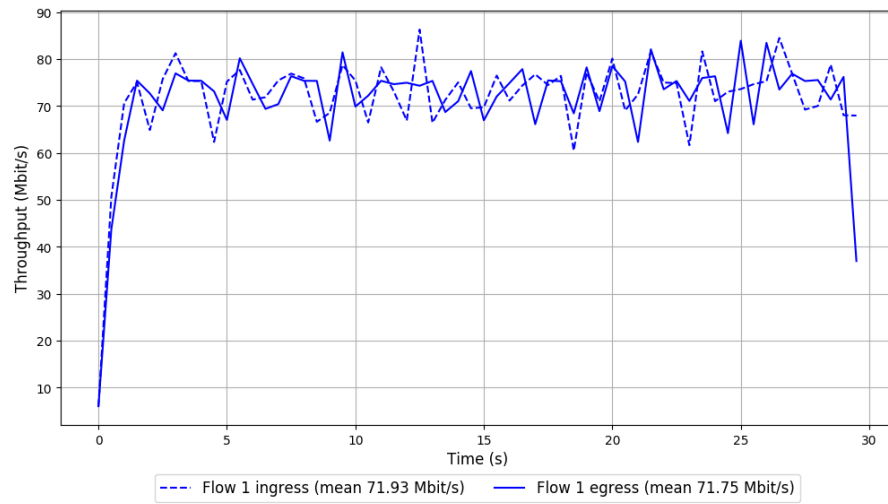
-- Flow 1:

Average throughput: 71.75 Mbit/s

95th percentile per-packet one-way delay: 92.538 ms

Loss rate: 0.84%

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



Run 4: Statistics of TaoVA-100x

Start at: 2018-03-20 11:56:44

End at: 2018-03-20 11:57:14

Local clock offset: -6.913 ms

Remote clock offset: 9.727 ms

Below is generated by plot.py at 2018-03-20 18:19:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 71.36 Mbit/s

95th percentile per-packet one-way delay: 90.200 ms

Loss rate: 0.58%

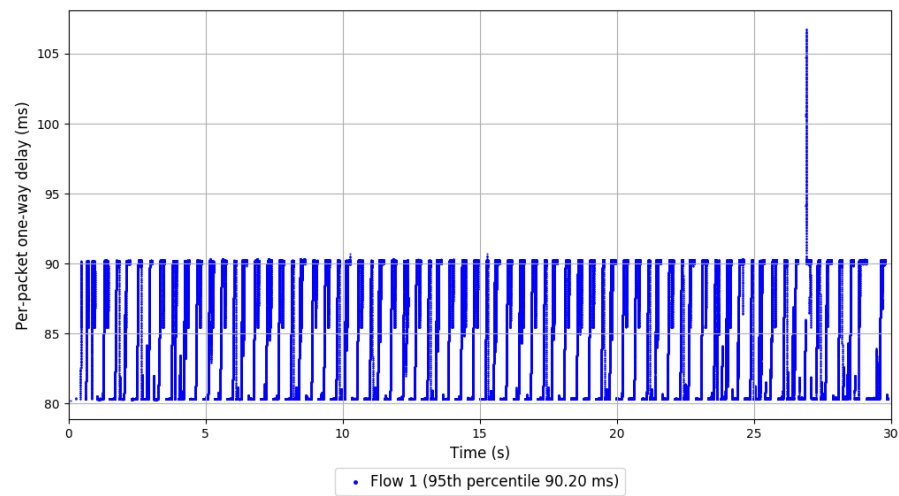
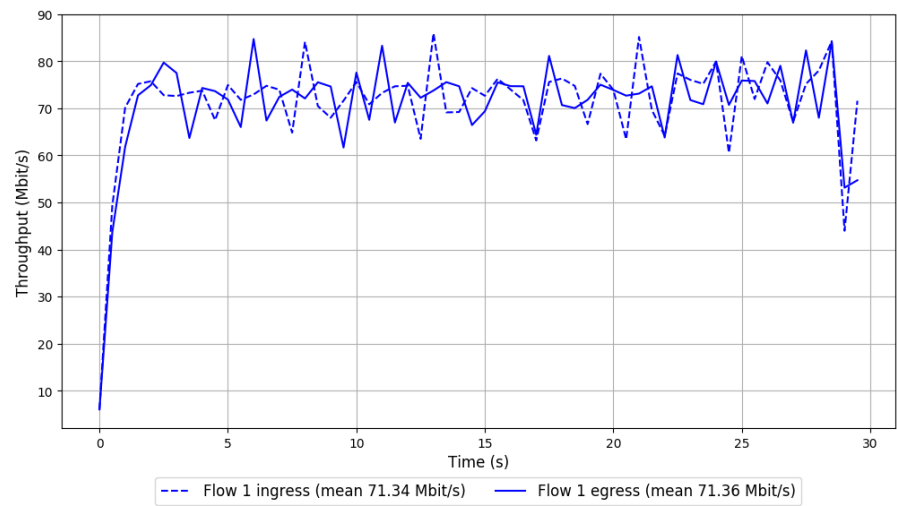
-- Flow 1:

Average throughput: 71.36 Mbit/s

95th percentile per-packet one-way delay: 90.200 ms

Loss rate: 0.58%

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



Run 5: Statistics of TaoVA-100x

Start at: 2018-03-20 12:18:55

End at: 2018-03-20 12:19:25

Local clock offset: -6.867 ms

Remote clock offset: 6.621 ms

Below is generated by plot.py at 2018-03-20 18:19:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 72.09 Mbit/s

95th percentile per-packet one-way delay: 92.435 ms

Loss rate: 0.82%

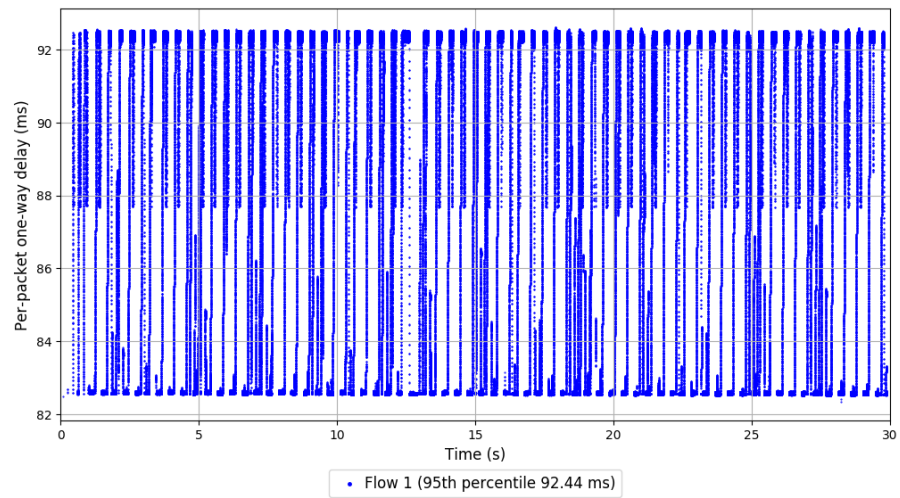
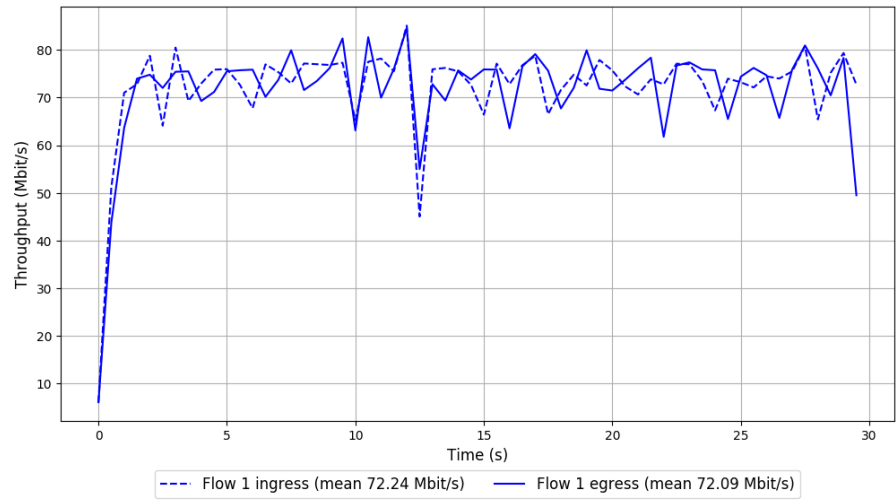
-- Flow 1:

Average throughput: 72.09 Mbit/s

95th percentile per-packet one-way delay: 92.435 ms

Loss rate: 0.82%

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



Run 6: Statistics of TaoVA-100x

Start at: 2018-03-20 12:41:15

End at: 2018-03-20 12:41:45

Local clock offset: -6.717 ms

Remote clock offset: 6.284 ms

Below is generated by plot.py at 2018-03-20 18:19:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 69.31 Mbit/s

95th percentile per-packet one-way delay: 95.411 ms

Loss rate: 0.48%

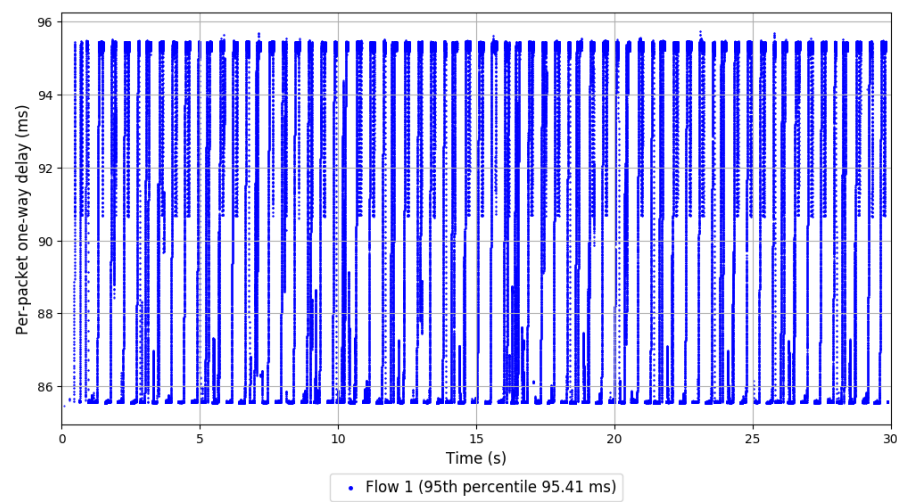
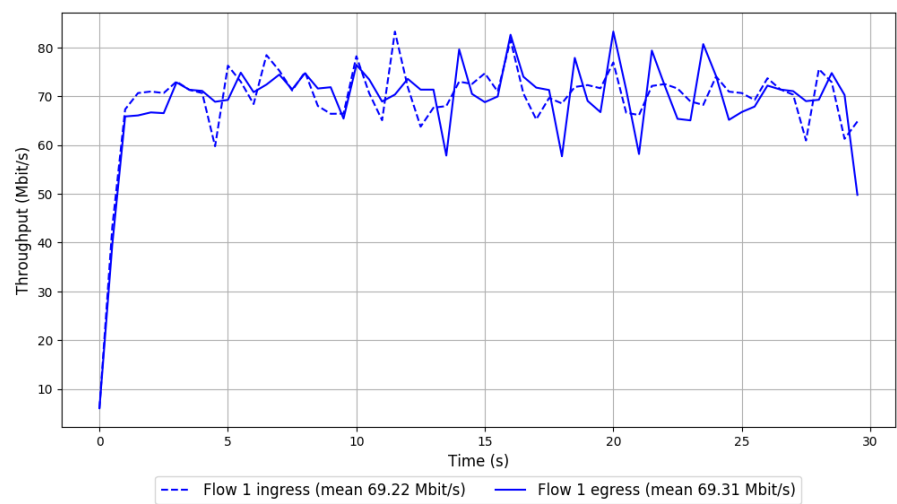
-- Flow 1:

Average throughput: 69.31 Mbit/s

95th percentile per-packet one-way delay: 95.411 ms

Loss rate: 0.48%

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

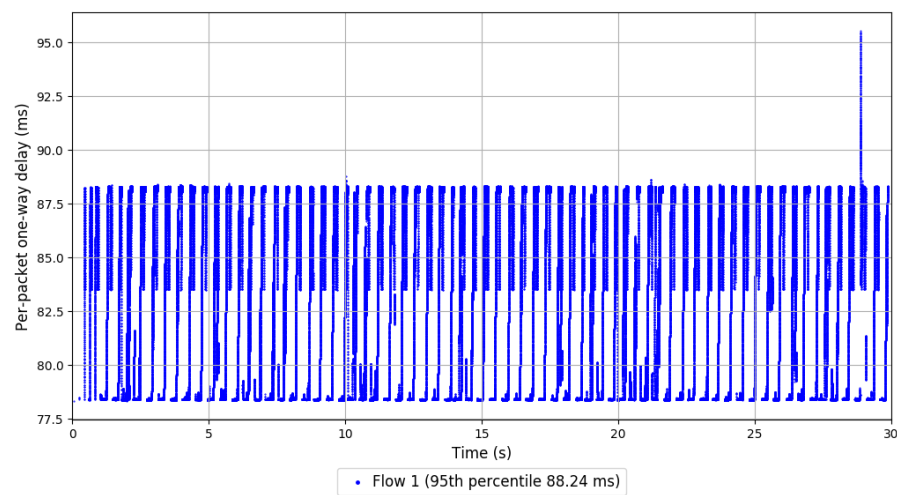
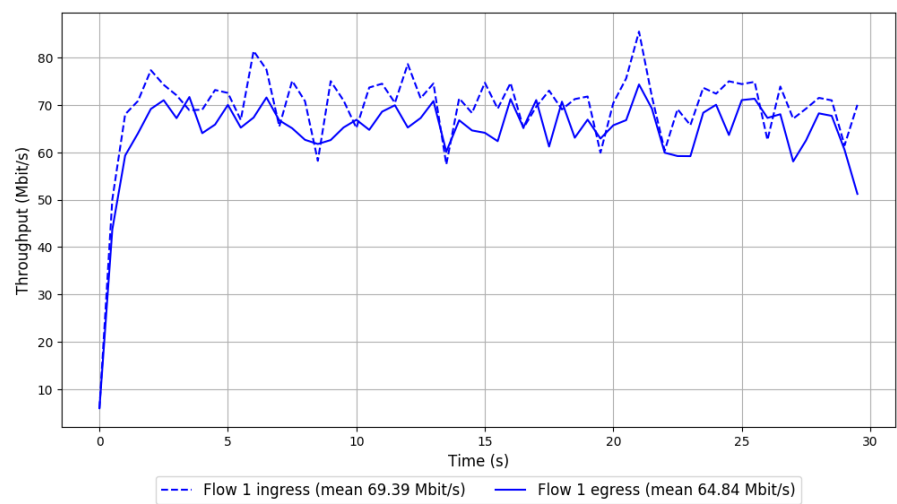


Run 7: Statistics of TaoVA-100x

Start at: 2018-03-20 13:03:26
End at: 2018-03-20 13:03:56
Local clock offset: -6.611 ms
Remote clock offset: 10.235 ms

Below is generated by plot.py at 2018-03-20 18:20:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 64.84 Mbit/s
95th percentile per-packet one-way delay: 88.242 ms
Loss rate: 7.11%
-- Flow 1:
Average throughput: 64.84 Mbit/s
95th percentile per-packet one-way delay: 88.242 ms
Loss rate: 7.11%

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



Run 8: Statistics of TaoVA-100x

Start at: 2018-03-20 13:25:38

End at: 2018-03-20 13:26:08

Local clock offset: -6.998 ms

Remote clock offset: 5.812 ms

Below is generated by plot.py at 2018-03-20 18:20:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 69.61 Mbit/s

95th percentile per-packet one-way delay: 94.254 ms

Loss rate: 0.57%

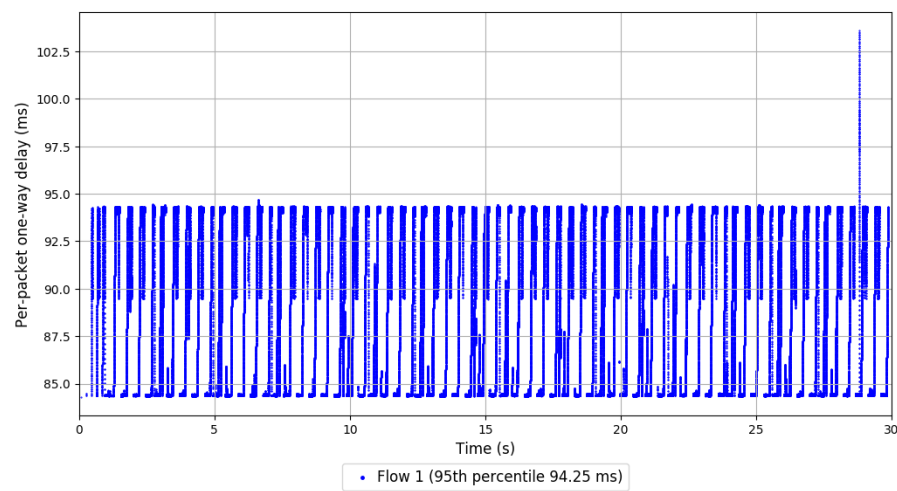
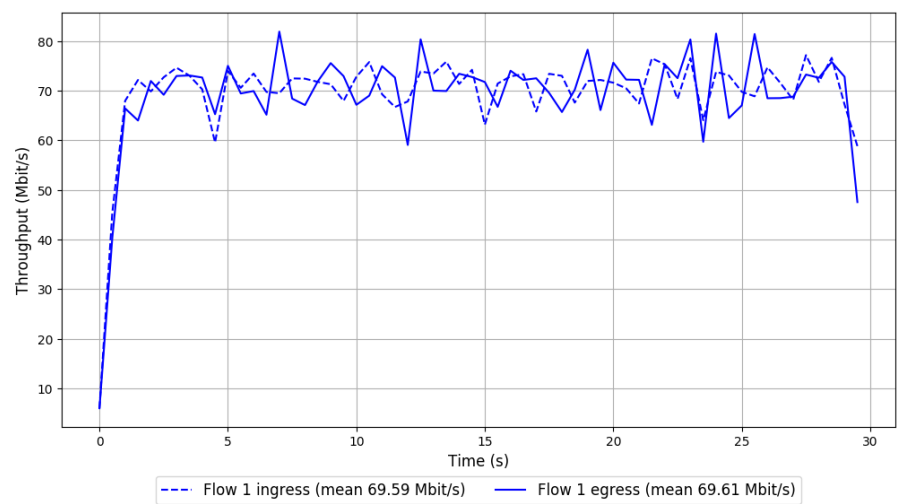
-- Flow 1:

Average throughput: 69.61 Mbit/s

95th percentile per-packet one-way delay: 94.254 ms

Loss rate: 0.57%

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



Run 9: Statistics of TaoVA-100x

Start at: 2018-03-20 13:47:51

End at: 2018-03-20 13:48:21

Local clock offset: -6.445 ms

Remote clock offset: 6.01 ms

Below is generated by plot.py at 2018-03-20 18:21:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.01 Mbit/s

95th percentile per-packet one-way delay: 93.037 ms

Loss rate: 0.47%

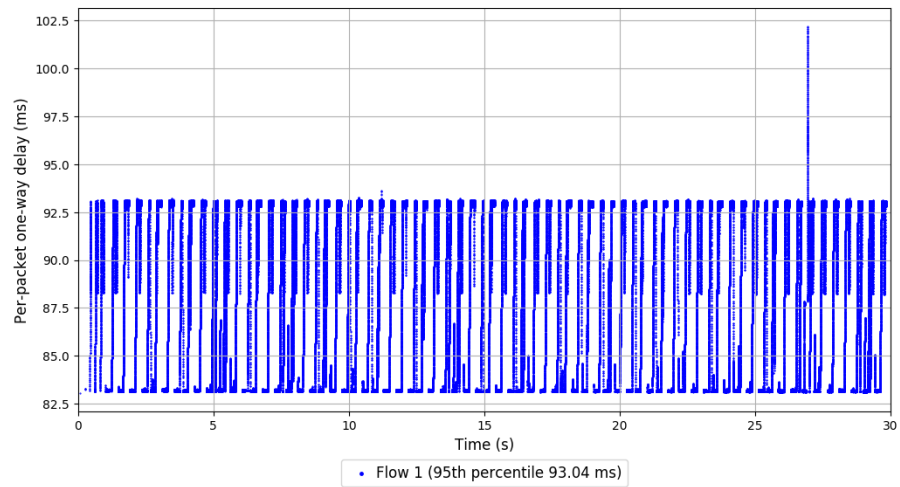
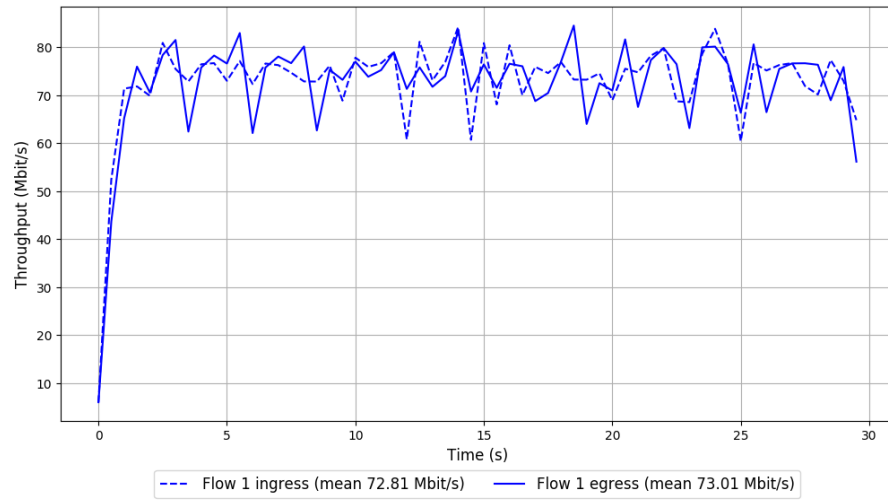
-- Flow 1:

Average throughput: 73.01 Mbit/s

95th percentile per-packet one-way delay: 93.037 ms

Loss rate: 0.47%

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



Run 10: Statistics of TaoVA-100x

Start at: 2018-03-20 14:10:02

End at: 2018-03-20 14:10:32

Local clock offset: -5.727 ms

Remote clock offset: 6.16 ms

Below is generated by plot.py at 2018-03-20 18:21:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 71.34 Mbit/s

95th percentile per-packet one-way delay: 94.625 ms

Loss rate: 0.55%

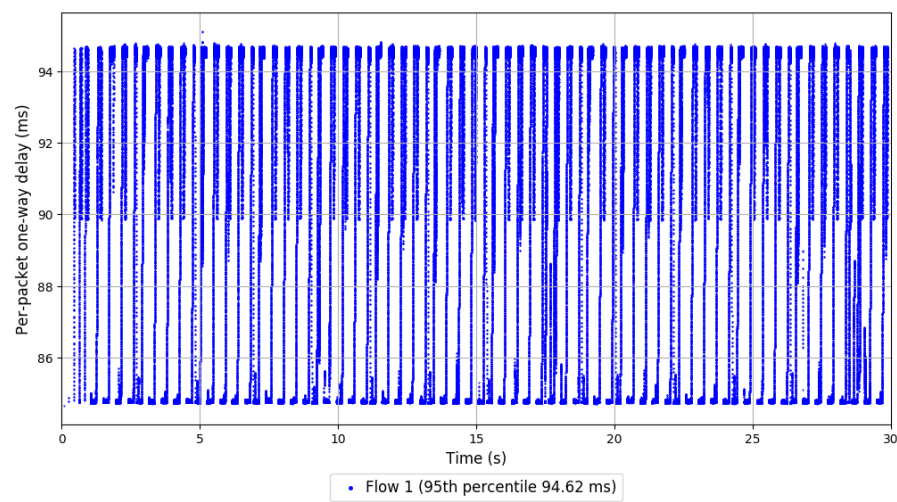
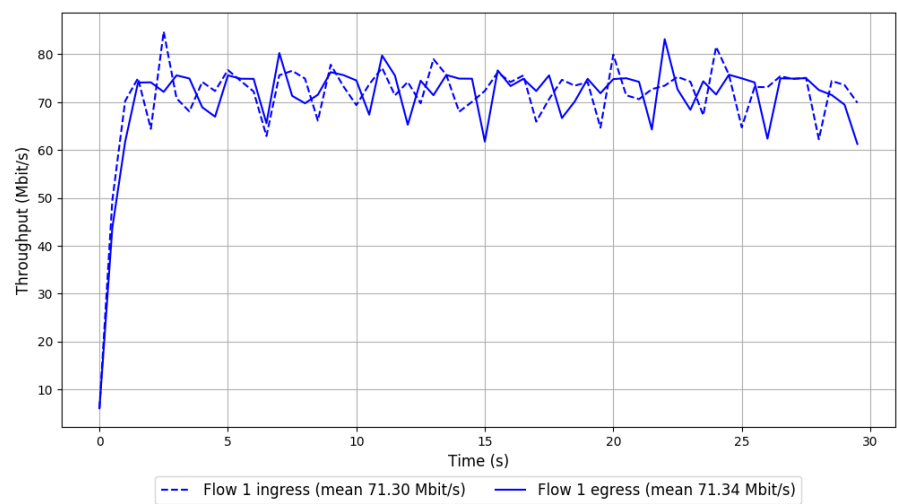
-- Flow 1:

Average throughput: 71.34 Mbit/s

95th percentile per-packet one-way delay: 94.625 ms

Loss rate: 0.55%

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



Run 1: Statistics of TCP Vegas

Start at: 2018-03-20 10:48:52

End at: 2018-03-20 10:49:22

Local clock offset: -6.151 ms

Remote clock offset: 3.856 ms

Below is generated by plot.py at 2018-03-20 18:21:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 38.65 Mbit/s

95th percentile per-packet one-way delay: 87.623 ms

Loss rate: 0.61%

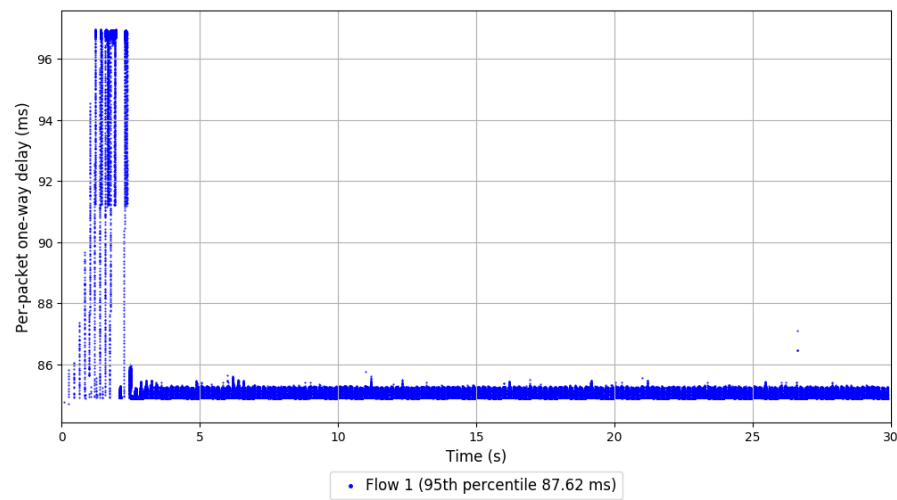
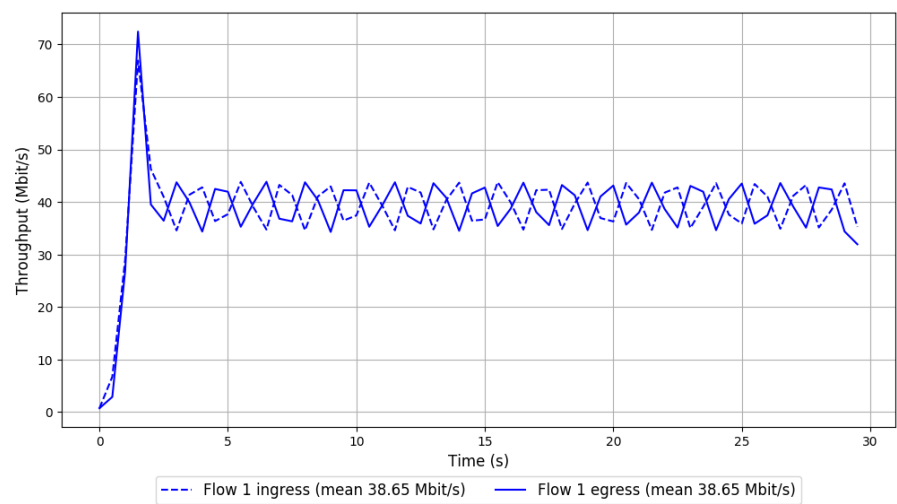
-- Flow 1:

Average throughput: 38.65 Mbit/s

95th percentile per-packet one-way delay: 87.623 ms

Loss rate: 0.61%

Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: 2018-03-20 11:11:06

End at: 2018-03-20 11:11:36

Local clock offset: -6.066 ms

Remote clock offset: 4.383 ms

Below is generated by plot.py at 2018-03-20 18:21:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 29.58 Mbit/s

95th percentile per-packet one-way delay: 92.649 ms

Loss rate: 0.52%

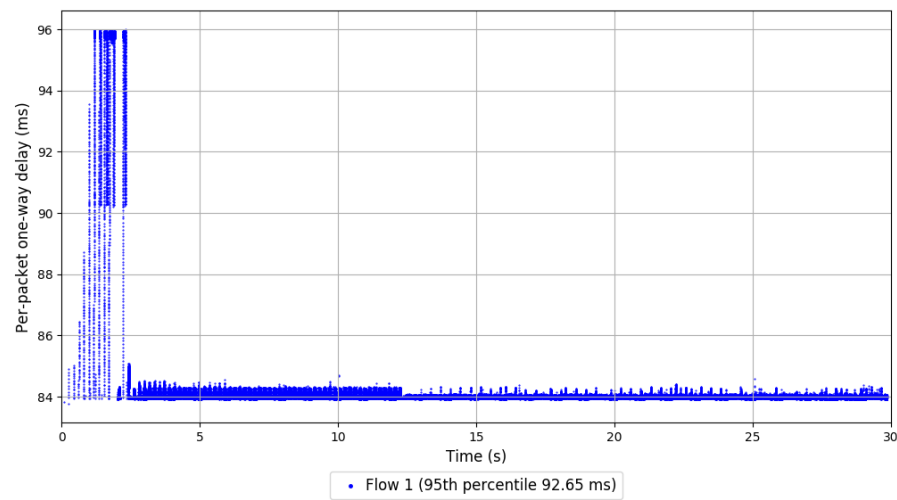
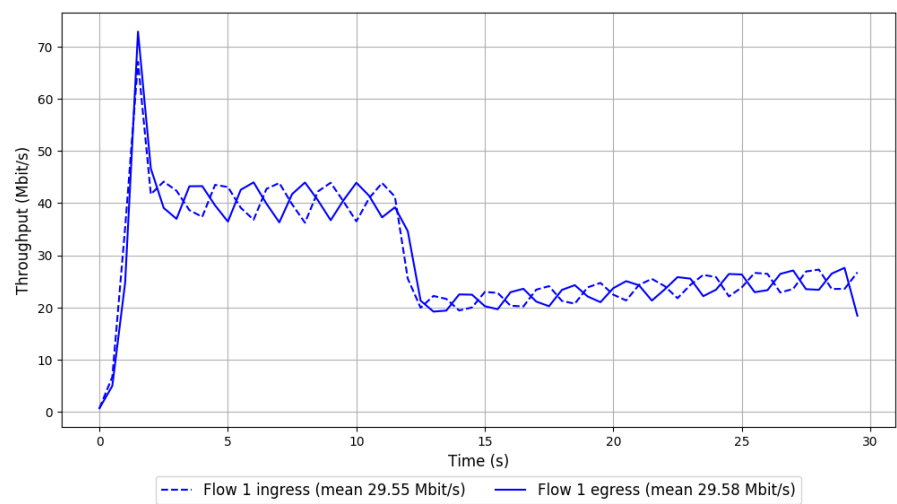
-- Flow 1:

Average throughput: 29.58 Mbit/s

95th percentile per-packet one-way delay: 92.649 ms

Loss rate: 0.52%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: 2018-03-20 11:33:19

End at: 2018-03-20 11:33:49

Local clock offset: -6.562 ms

Remote clock offset: 4.288 ms

Below is generated by plot.py at 2018-03-20 18:21:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 43.84 Mbit/s

95th percentile per-packet one-way delay: 83.533 ms

Loss rate: 0.67%

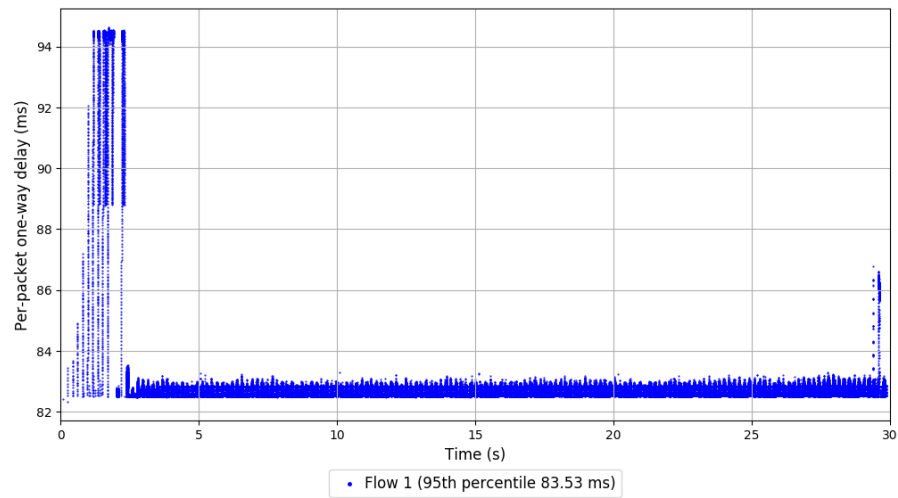
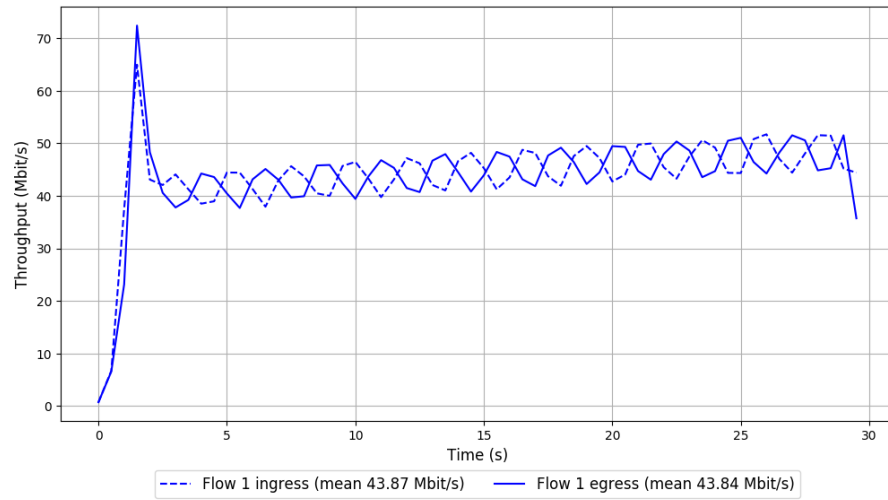
-- Flow 1:

Average throughput: 43.84 Mbit/s

95th percentile per-packet one-way delay: 83.533 ms

Loss rate: 0.67%

Run 3: Report of TCP Vegas — Data Link

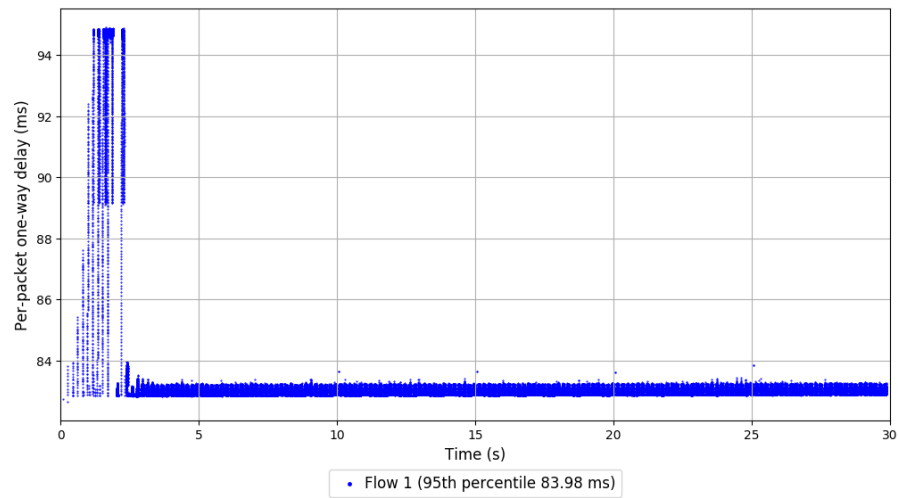
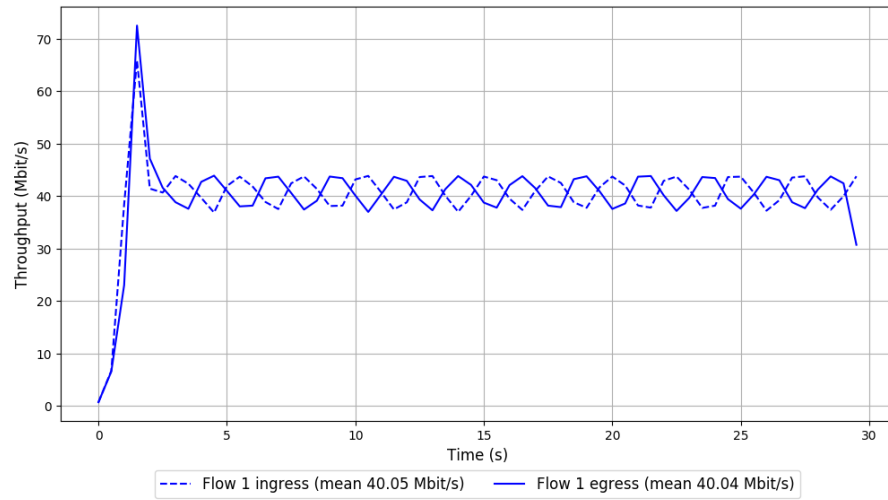


Run 4: Statistics of TCP Vegas

Start at: 2018-03-20 11:55:31
End at: 2018-03-20 11:56:01
Local clock offset: -6.898 ms
Remote clock offset: 4.92 ms

Below is generated by plot.py at 2018-03-20 18:21:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 40.04 Mbit/s
95th percentile per-packet one-way delay: 83.985 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 40.04 Mbit/s
95th percentile per-packet one-way delay: 83.985 ms
Loss rate: 0.61%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: 2018-03-20 12:17:43

End at: 2018-03-20 12:18:13

Local clock offset: -6.857 ms

Remote clock offset: 5.77 ms

Below is generated by plot.py at 2018-03-20 18:21:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 44.37 Mbit/s

95th percentile per-packet one-way delay: 83.882 ms

Loss rate: 0.68%

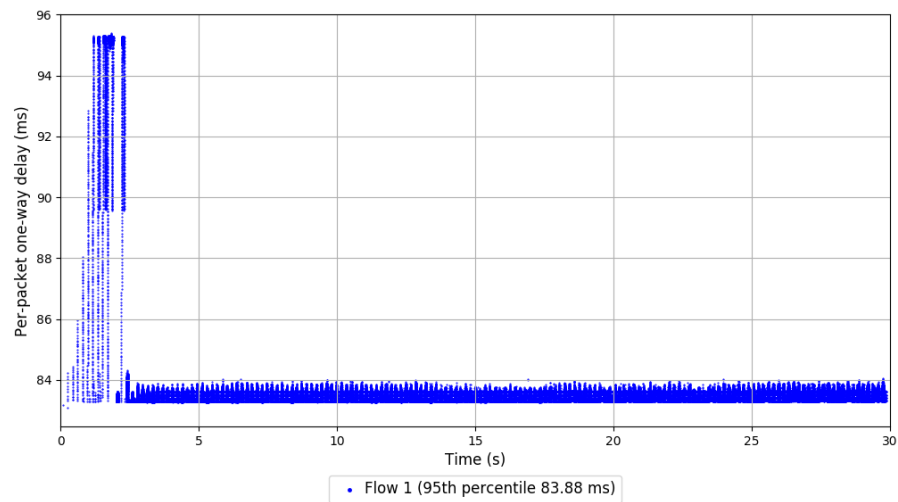
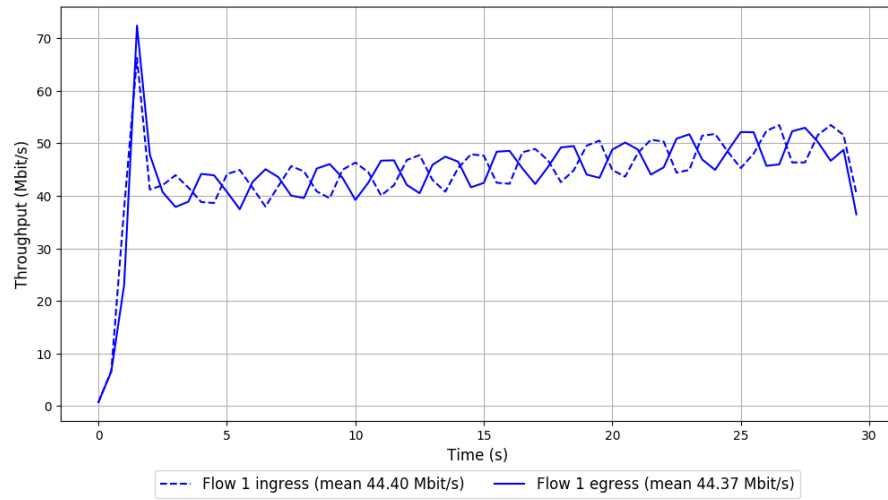
-- Flow 1:

Average throughput: 44.37 Mbit/s

95th percentile per-packet one-way delay: 83.882 ms

Loss rate: 0.68%

Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: 2018-03-20 12:40:02

End at: 2018-03-20 12:40:32

Local clock offset: -6.824 ms

Remote clock offset: 6.189 ms

Below is generated by plot.py at 2018-03-20 18:21:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 39.34 Mbit/s

95th percentile per-packet one-way delay: 85.491 ms

Loss rate: 0.62%

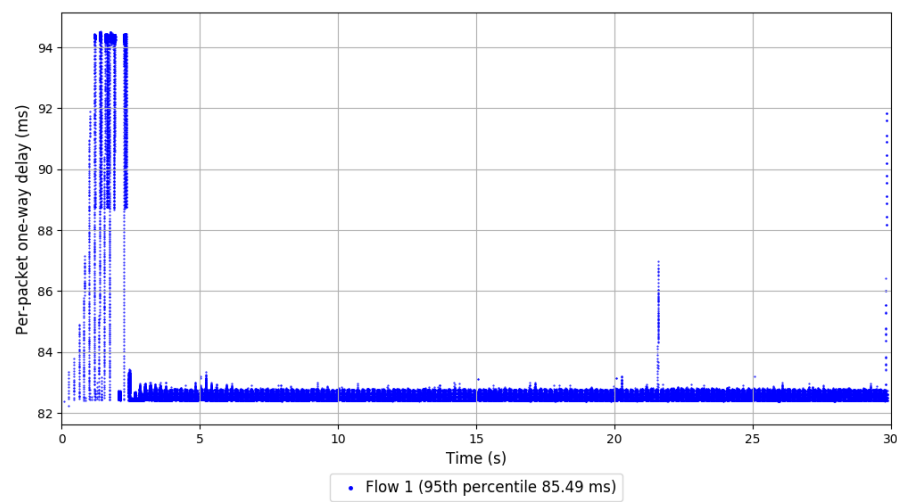
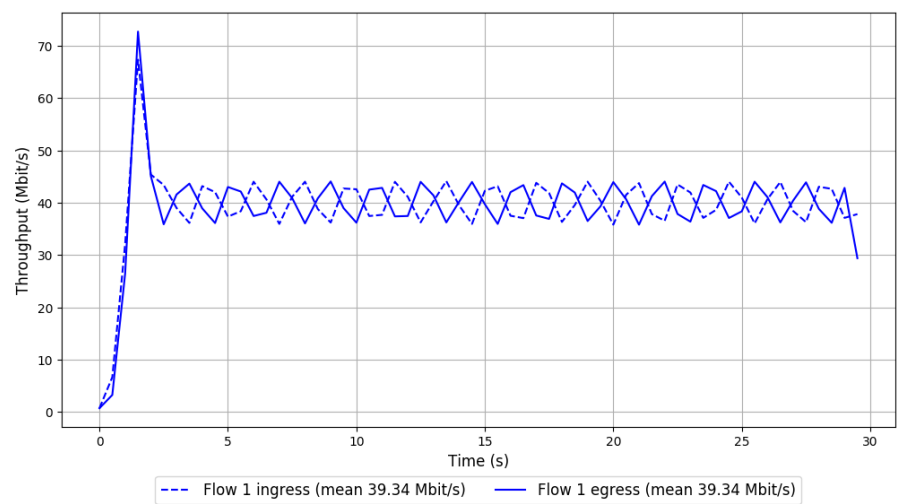
-- Flow 1:

Average throughput: 39.34 Mbit/s

95th percentile per-packet one-way delay: 85.491 ms

Loss rate: 0.62%

Run 6: Report of TCP Vegas — Data Link

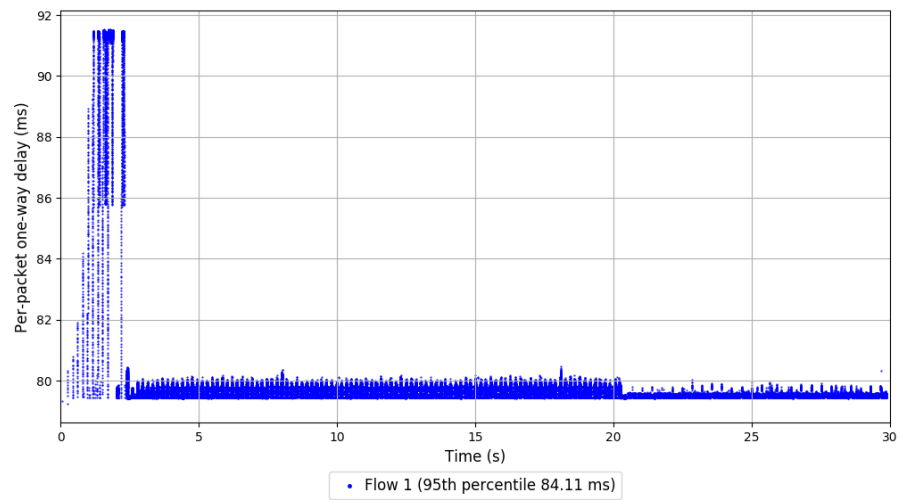
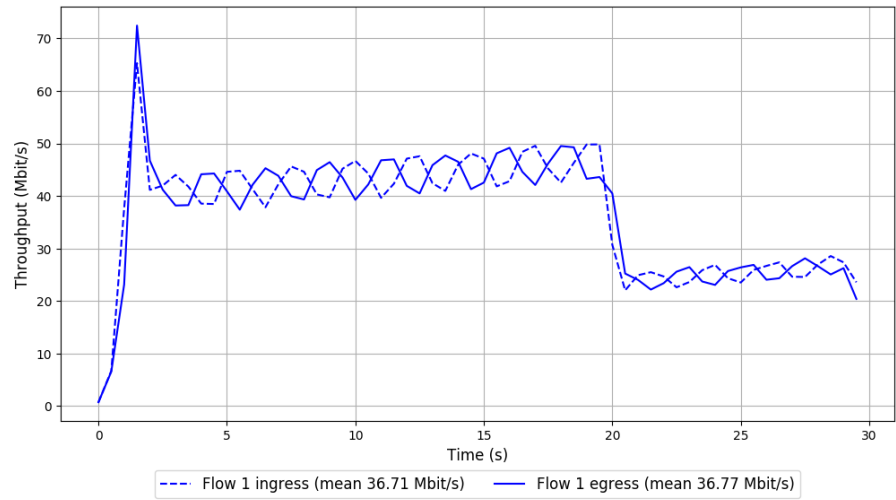


Run 7: Statistics of TCP Vegas

Start at: 2018-03-20 13:02:14
End at: 2018-03-20 13:02:44
Local clock offset: -6.601 ms
Remote clock offset: 11.092 ms

Below is generated by plot.py at 2018-03-20 18:21:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 36.77 Mbit/s
95th percentile per-packet one-way delay: 84.111 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 36.77 Mbit/s
95th percentile per-packet one-way delay: 84.111 ms
Loss rate: 0.45%

Run 7: Report of TCP Vegas — Data Link

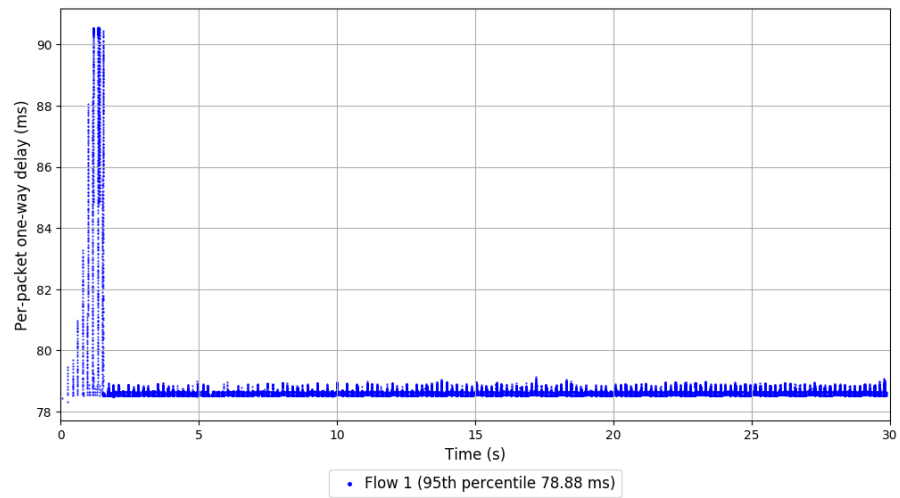
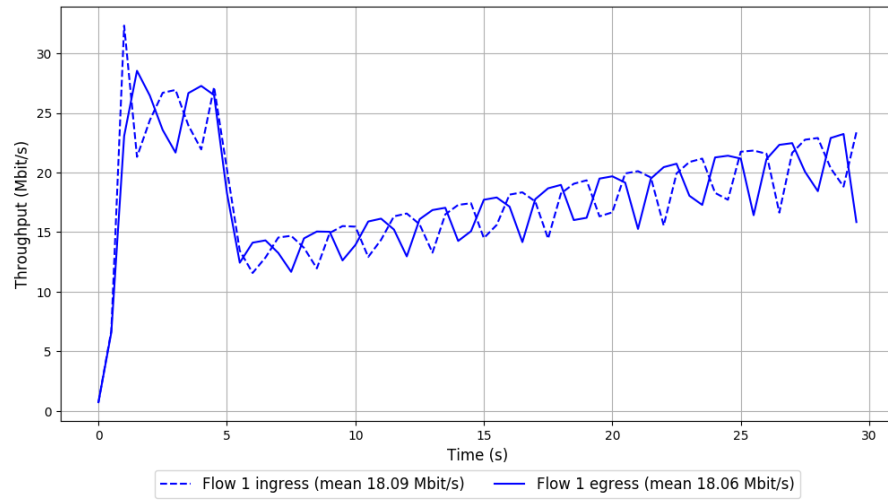


Run 8: Statistics of TCP Vegas

Start at: 2018-03-20 13:24:26
End at: 2018-03-20 13:24:56
Local clock offset: -7.006 ms
Remote clock offset: 10.502 ms

Below is generated by plot.py at 2018-03-20 18:21:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 18.06 Mbit/s
95th percentile per-packet one-way delay: 78.875 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 18.06 Mbit/s
95th percentile per-packet one-way delay: 78.875 ms
Loss rate: 0.73%

Run 8: Report of TCP Vegas — Data Link



Run 9: Statistics of TCP Vegas

Start at: 2018-03-20 13:46:39

End at: 2018-03-20 13:47:09

Local clock offset: -6.491 ms

Remote clock offset: 9.834 ms

Below is generated by plot.py at 2018-03-20 18:21:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 38.82 Mbit/s

95th percentile per-packet one-way delay: 84.628 ms

Loss rate: 0.62%

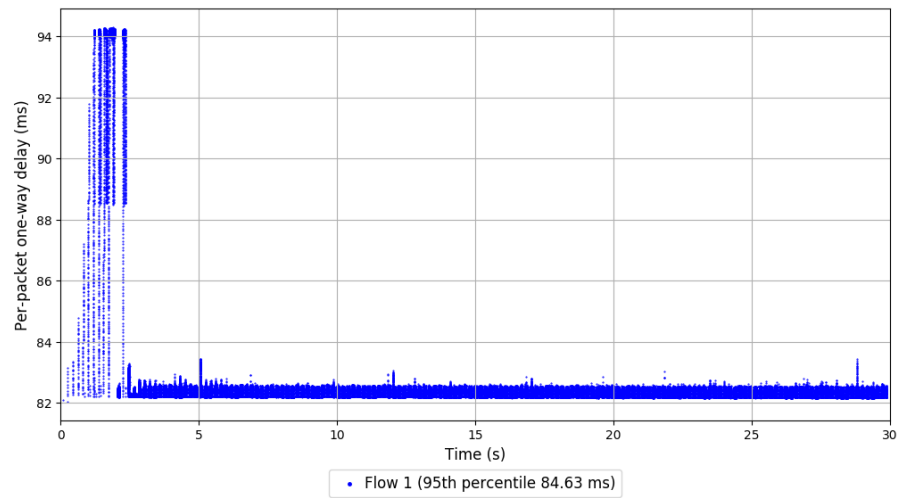
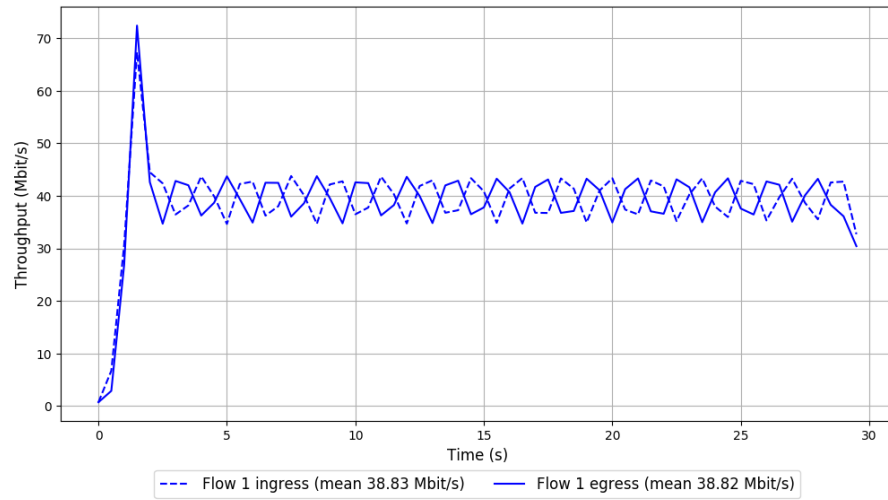
-- Flow 1:

Average throughput: 38.82 Mbit/s

95th percentile per-packet one-way delay: 84.628 ms

Loss rate: 0.62%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: 2018-03-20 14:08:50

End at: 2018-03-20 14:09:20

Local clock offset: -5.708 ms

Remote clock offset: 7.073 ms

Below is generated by plot.py at 2018-03-20 18:21:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 43.46 Mbit/s

95th percentile per-packet one-way delay: 84.605 ms

Loss rate: 0.66%

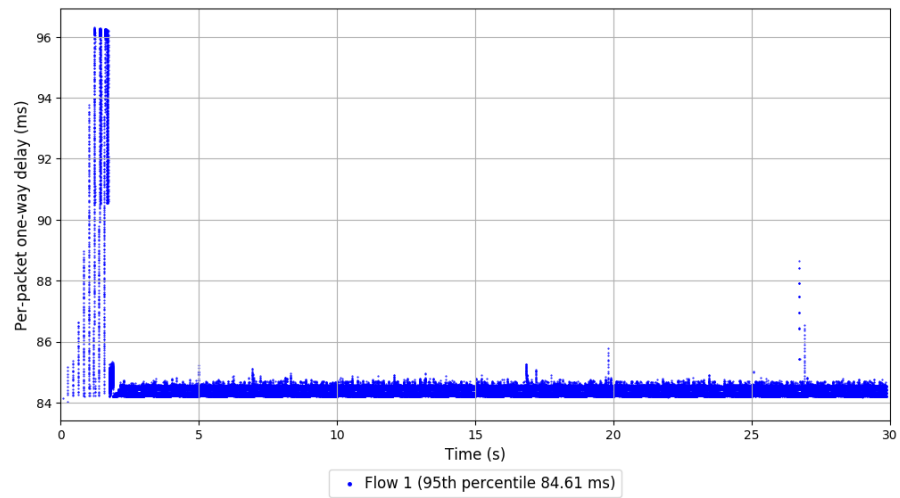
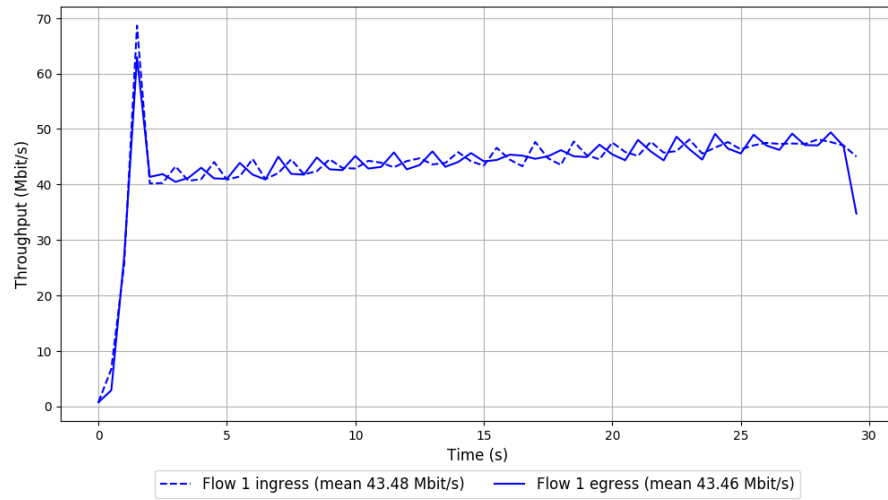
-- Flow 1:

Average throughput: 43.46 Mbit/s

95th percentile per-packet one-way delay: 84.605 ms

Loss rate: 0.66%

Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: 2018-03-20 10:52:36

End at: 2018-03-20 10:53:06

Local clock offset: -6.169 ms

Remote clock offset: 7.596 ms

Below is generated by plot.py at 2018-03-20 18:21:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 41.47 Mbit/s

95th percentile per-packet one-way delay: 94.401 ms

Loss rate: 0.03%

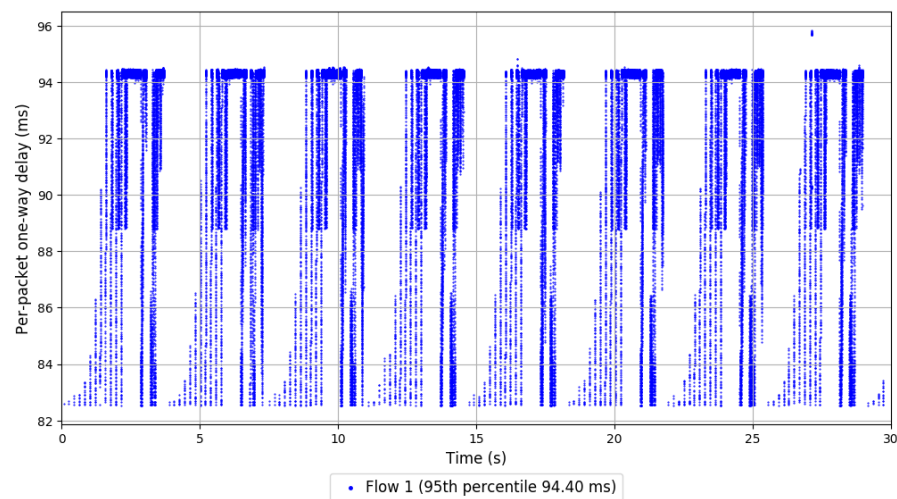
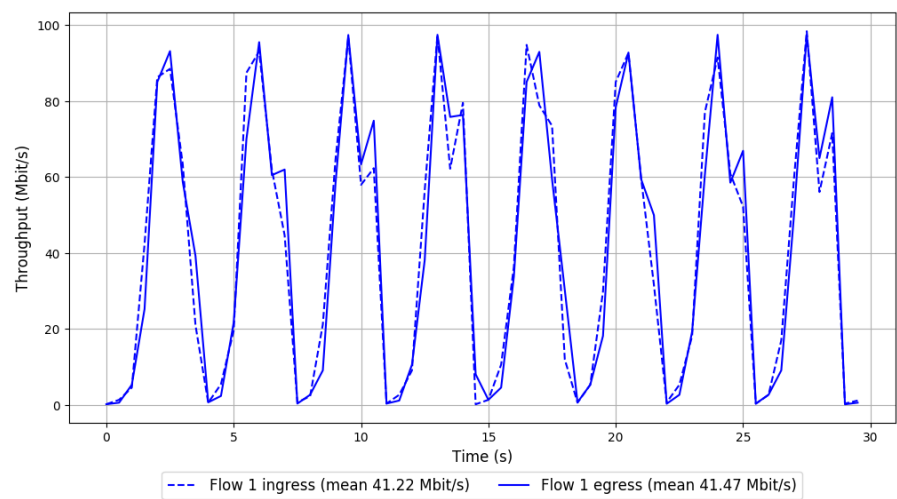
-- Flow 1:

Average throughput: 41.47 Mbit/s

95th percentile per-packet one-way delay: 94.401 ms

Loss rate: 0.03%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: 2018-03-20 11:14:50

End at: 2018-03-20 11:15:20

Local clock offset: -6.113 ms

Remote clock offset: 4.388 ms

Below is generated by plot.py at 2018-03-20 18:21:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 48.81 Mbit/s

95th percentile per-packet one-way delay: 94.218 ms

Loss rate: 1.27%

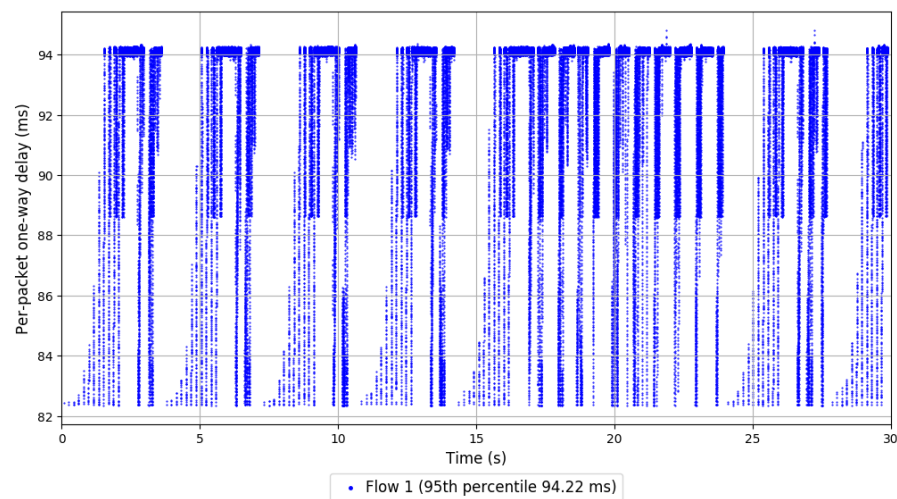
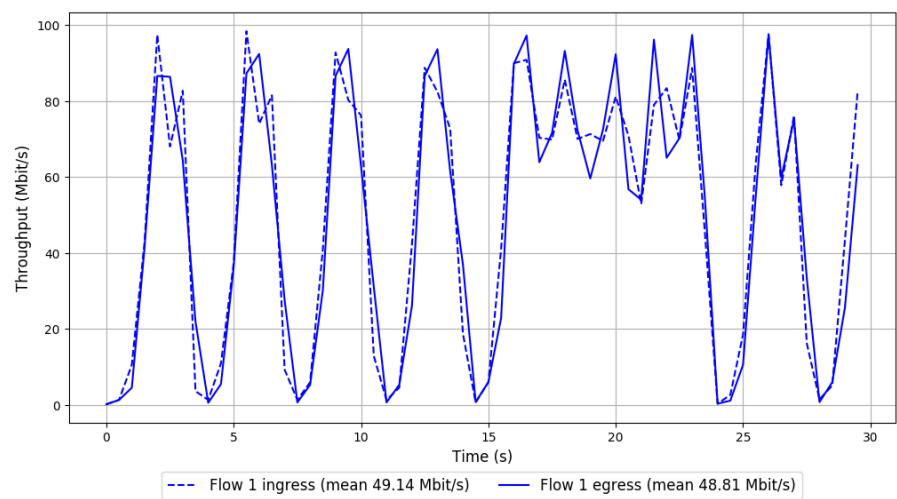
-- Flow 1:

Average throughput: 48.81 Mbit/s

95th percentile per-packet one-way delay: 94.218 ms

Loss rate: 1.27%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: 2018-03-20 11:37:04

End at: 2018-03-20 11:37:34

Local clock offset: -6.582 ms

Remote clock offset: 8.019 ms

Below is generated by plot.py at 2018-03-20 18:21:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 41.83 Mbit/s

95th percentile per-packet one-way delay: 90.281 ms

Loss rate: 0.06%

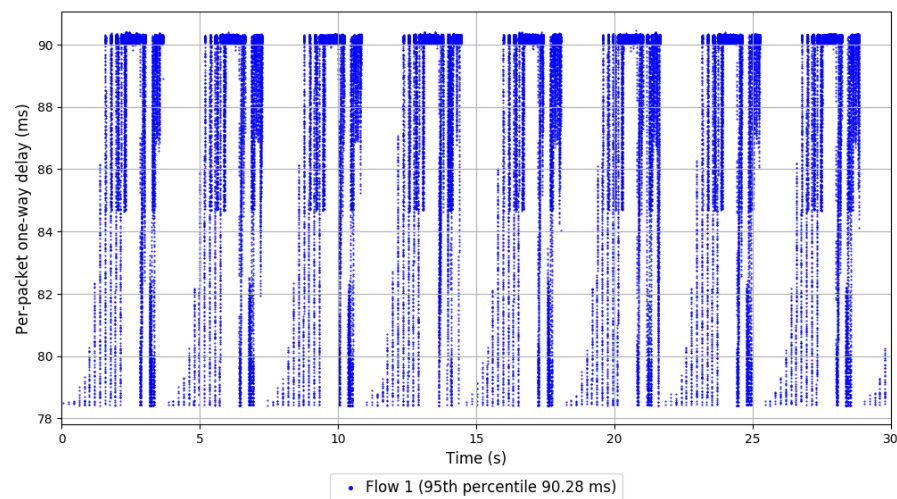
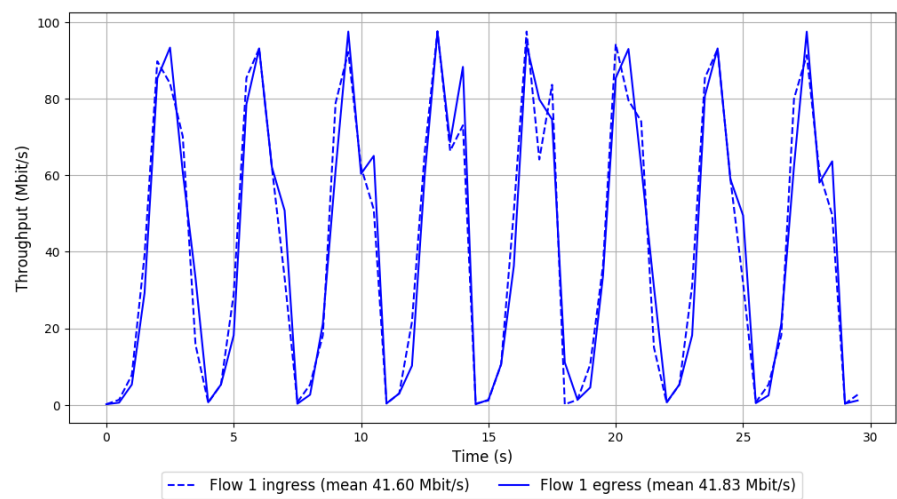
-- Flow 1:

Average throughput: 41.83 Mbit/s

95th percentile per-packet one-way delay: 90.281 ms

Loss rate: 0.06%

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: 2018-03-20 11:59:16

End at: 2018-03-20 11:59:46

Local clock offset: -6.913 ms

Remote clock offset: 5.918 ms

Below is generated by plot.py at 2018-03-20 18:21:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 42.18 Mbit/s

95th percentile per-packet one-way delay: 97.483 ms

Loss rate: 0.24%

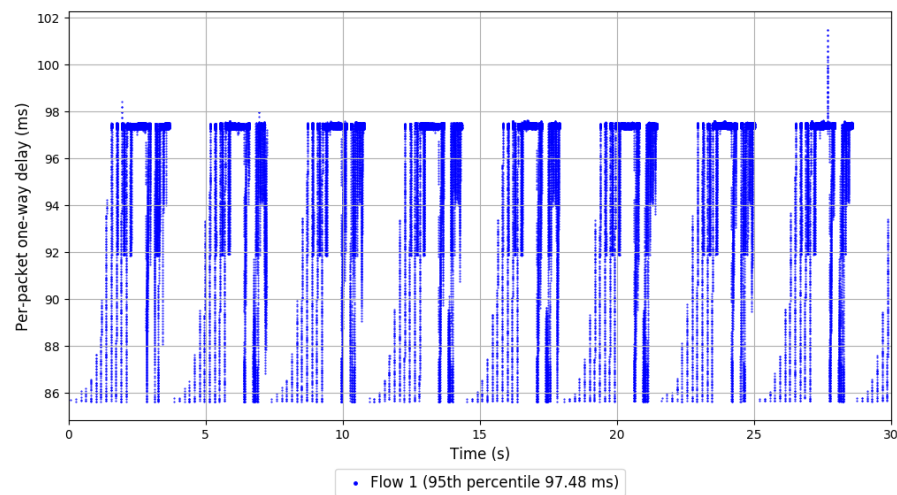
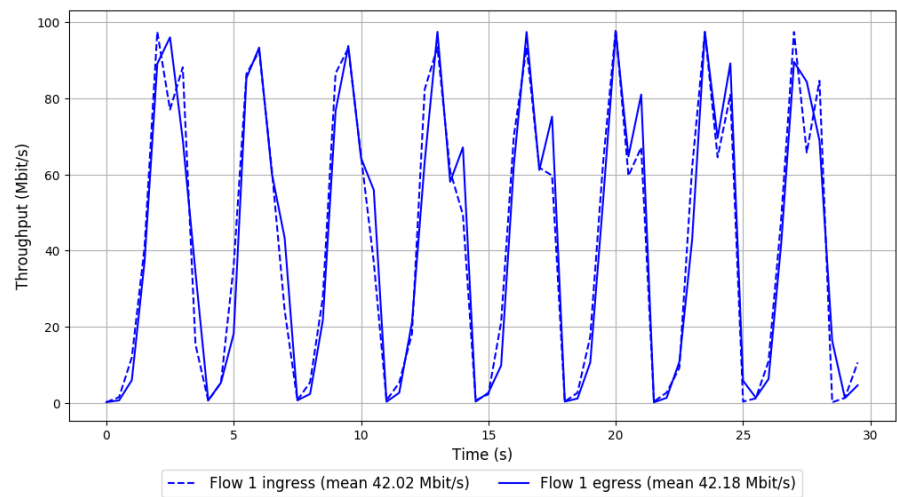
-- Flow 1:

Average throughput: 42.18 Mbit/s

95th percentile per-packet one-way delay: 97.483 ms

Loss rate: 0.24%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: 2018-03-20 12:21:27

End at: 2018-03-20 12:21:57

Local clock offset: -6.957 ms

Remote clock offset: 9.528 ms

Below is generated by plot.py at 2018-03-20 18:21:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 42.23 Mbit/s

95th percentile per-packet one-way delay: 92.606 ms

Loss rate: 0.57%

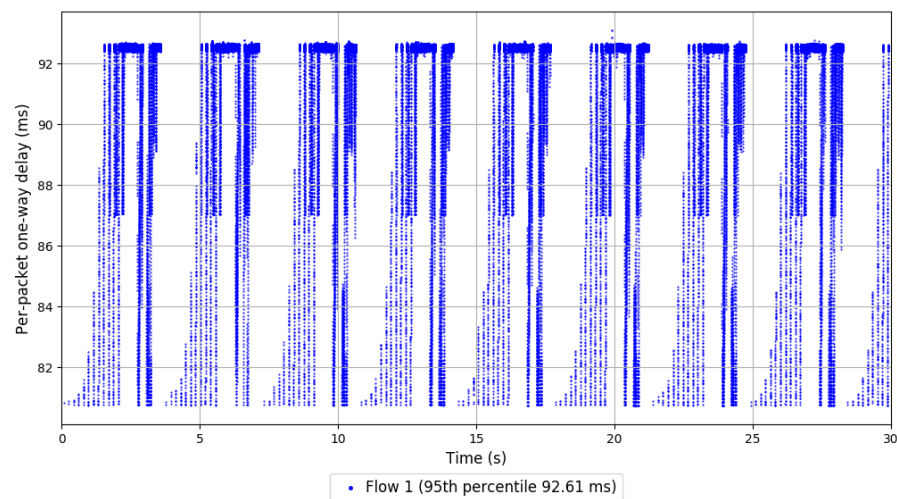
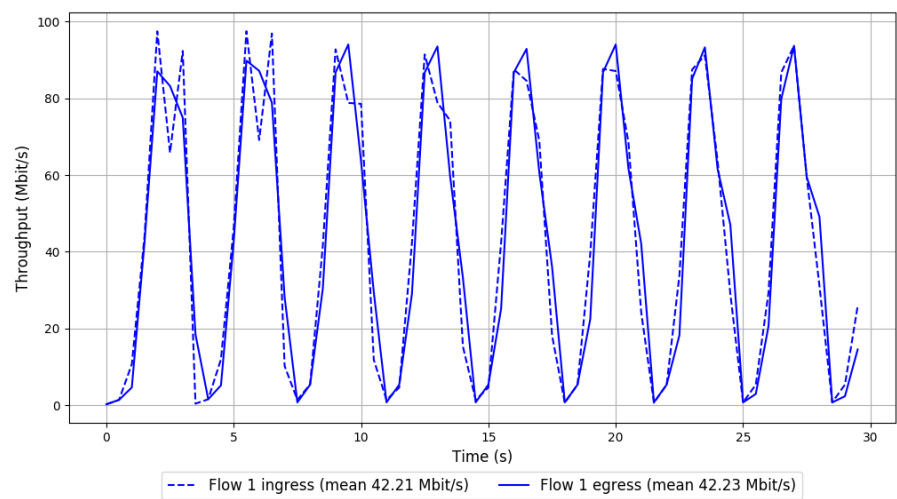
-- Flow 1:

Average throughput: 42.23 Mbit/s

95th percentile per-packet one-way delay: 92.606 ms

Loss rate: 0.57%

Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: 2018-03-20 12:43:46

End at: 2018-03-20 12:44:16

Local clock offset: -6.744 ms

Remote clock offset: 6.258 ms

Below is generated by plot.py at 2018-03-20 18:21:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 40.86 Mbit/s

95th percentile per-packet one-way delay: 96.036 ms

Loss rate: 6.30%

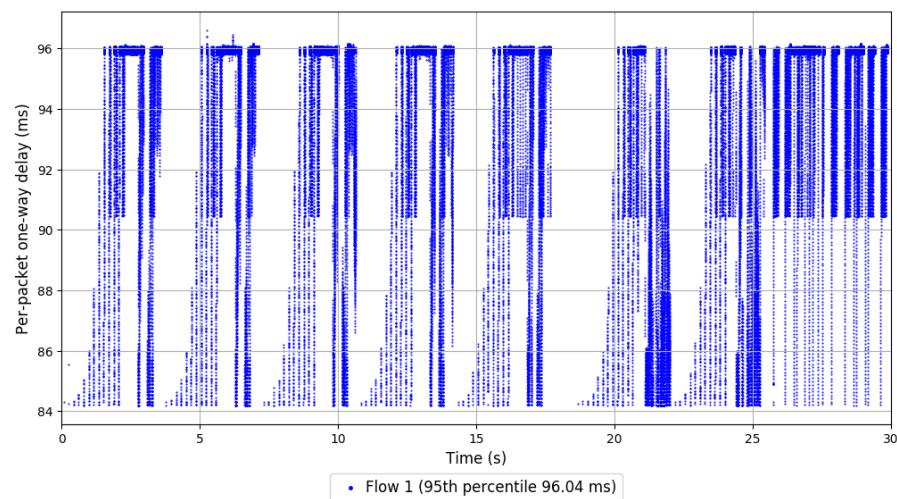
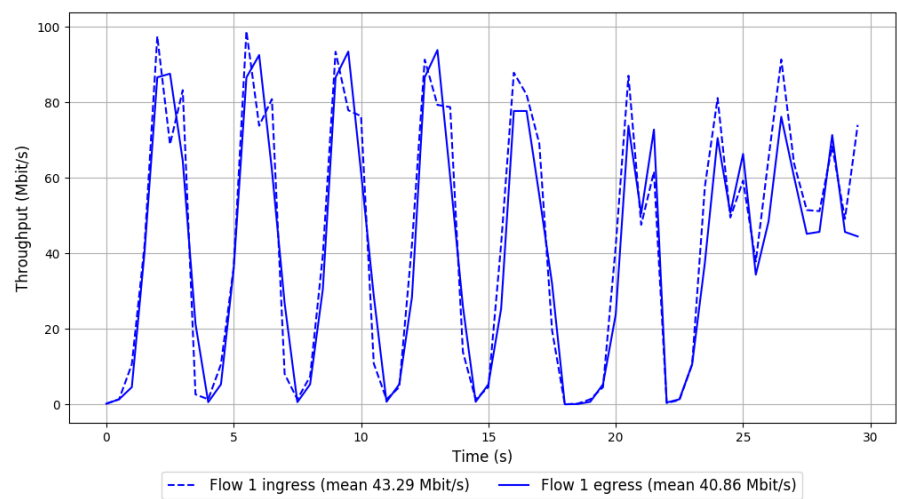
-- Flow 1:

Average throughput: 40.86 Mbit/s

95th percentile per-packet one-way delay: 96.036 ms

Loss rate: 6.30%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: 2018-03-20 13:05:59

End at: 2018-03-20 13:06:29

Local clock offset: -6.585 ms

Remote clock offset: 5.553 ms

Below is generated by plot.py at 2018-03-20 18:21:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 41.97 Mbit/s

95th percentile per-packet one-way delay: 97.043 ms

Loss rate: 0.57%

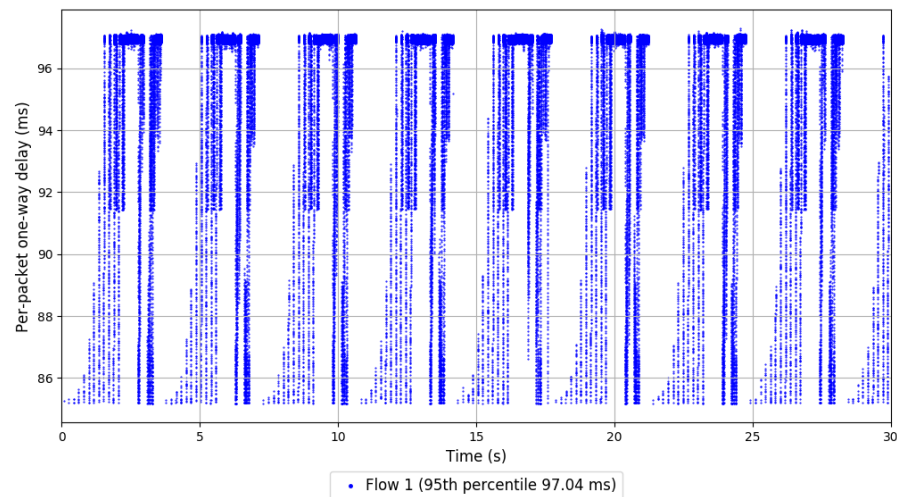
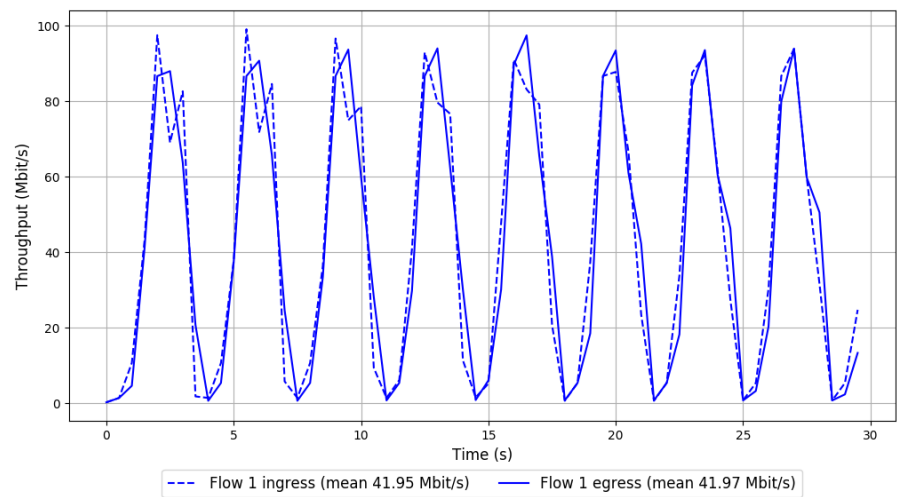
-- Flow 1:

Average throughput: 41.97 Mbit/s

95th percentile per-packet one-way delay: 97.043 ms

Loss rate: 0.57%

Run 7: Report of Verus — Data Link



Run 8: Statistics of Verus

Start at: 2018-03-20 13:28:10

End at: 2018-03-20 13:28:40

Local clock offset: -7.089 ms

Remote clock offset: 5.685 ms

Below is generated by plot.py at 2018-03-20 18:22:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 40.54 Mbit/s

95th percentile per-packet one-way delay: 96.628 ms

Loss rate: 0.50%

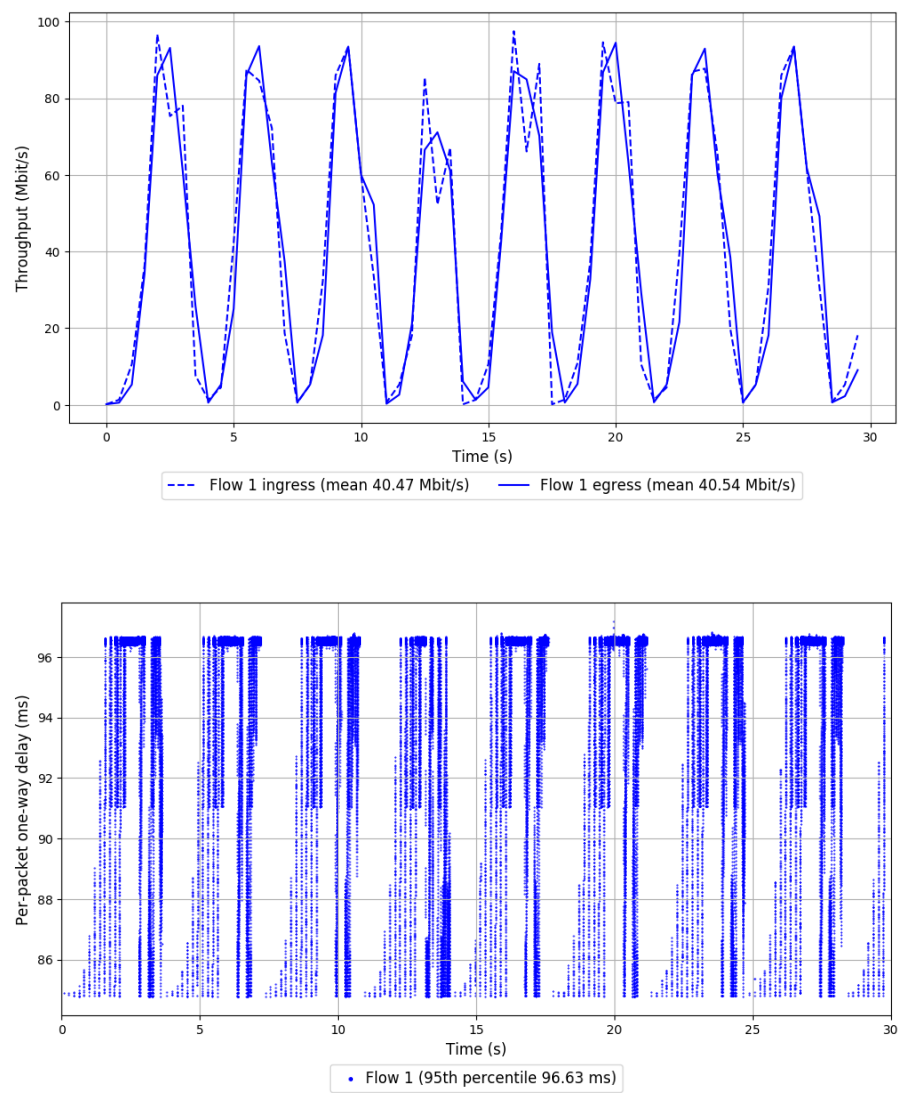
-- Flow 1:

Average throughput: 40.54 Mbit/s

95th percentile per-packet one-way delay: 96.628 ms

Loss rate: 0.50%

Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

Start at: 2018-03-20 13:50:24

End at: 2018-03-20 13:50:54

Local clock offset: -6.302 ms

Remote clock offset: 9.93 ms

Below is generated by plot.py at 2018-03-20 18:22:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 41.53 Mbit/s

95th percentile per-packet one-way delay: 92.585 ms

Loss rate: 0.24%

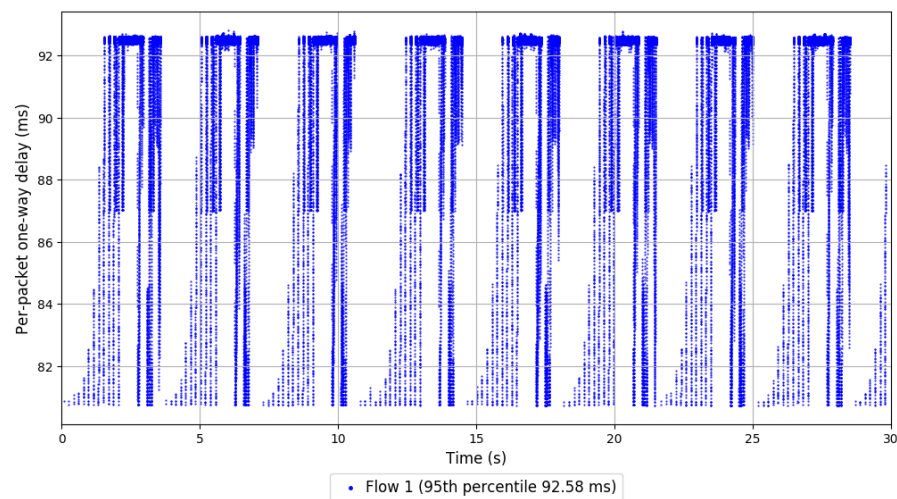
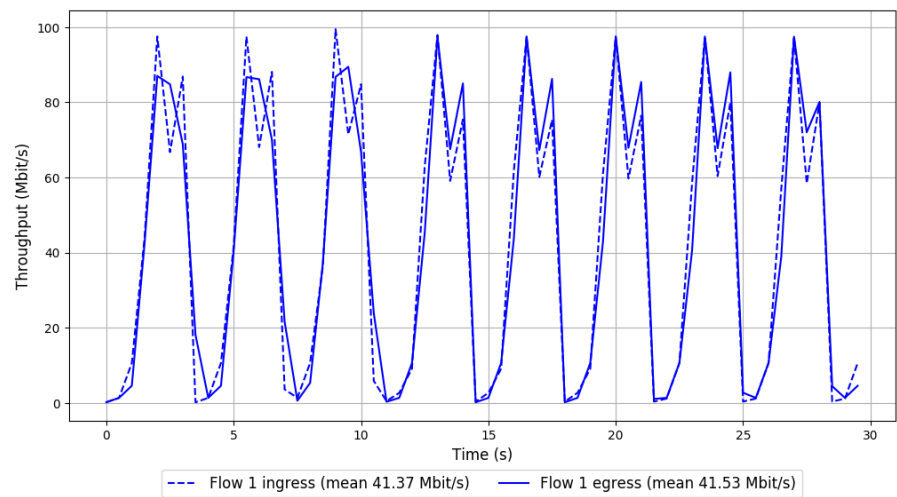
-- Flow 1:

Average throughput: 41.53 Mbit/s

95th percentile per-packet one-way delay: 92.585 ms

Loss rate: 0.24%

Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

Start at: 2018-03-20 14:12:35

End at: 2018-03-20 14:13:05

Local clock offset: -5.63 ms

Remote clock offset: 6.253 ms

Below is generated by plot.py at 2018-03-20 18:22:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 41.17 Mbit/s

95th percentile per-packet one-way delay: 94.899 ms

Loss rate: 1.50%

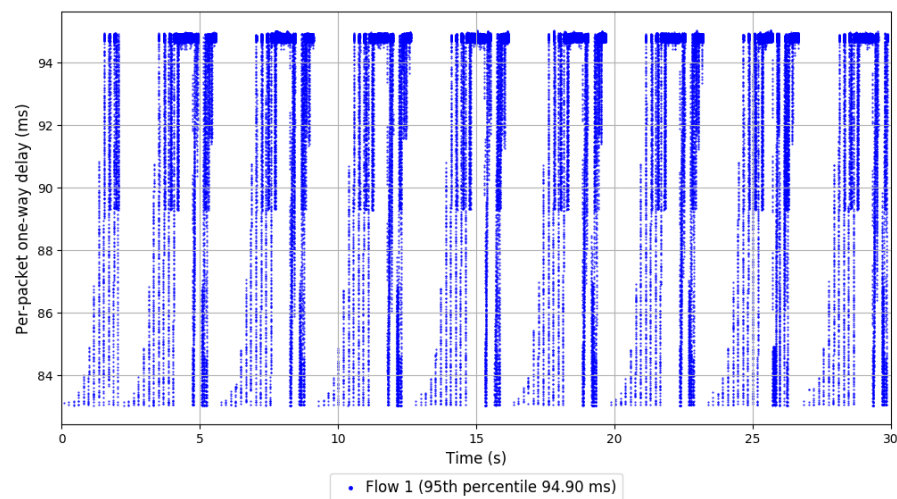
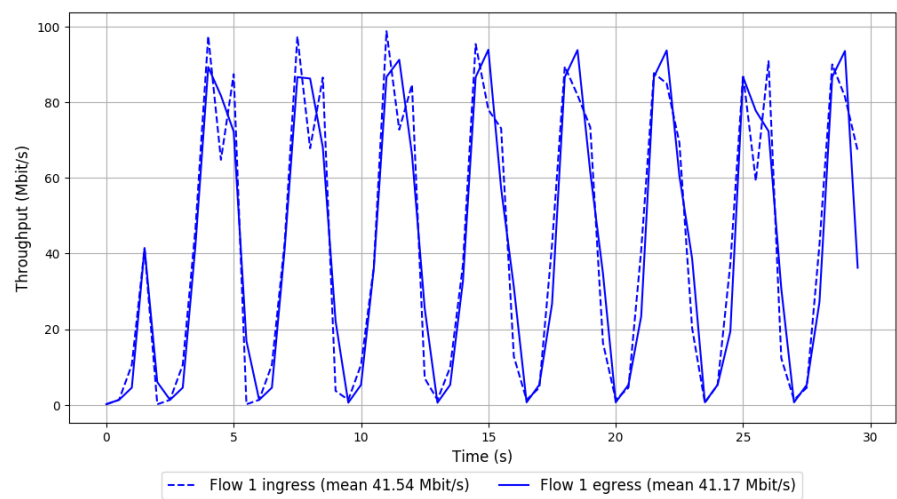
-- Flow 1:

Average throughput: 41.17 Mbit/s

95th percentile per-packet one-way delay: 94.899 ms

Loss rate: 1.50%

Run 10: Report of Verus — Data Link



Run 1: Statistics of Copa

Start at: 2018-03-20 10:57:29

End at: 2018-03-20 10:57:59

Local clock offset: -6.07 ms

Remote clock offset: 3.663 ms

Below is generated by plot.py at 2018-03-20 18:24:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.22 Mbit/s

95th percentile per-packet one-way delay: 95.070 ms

Loss rate: 0.67%

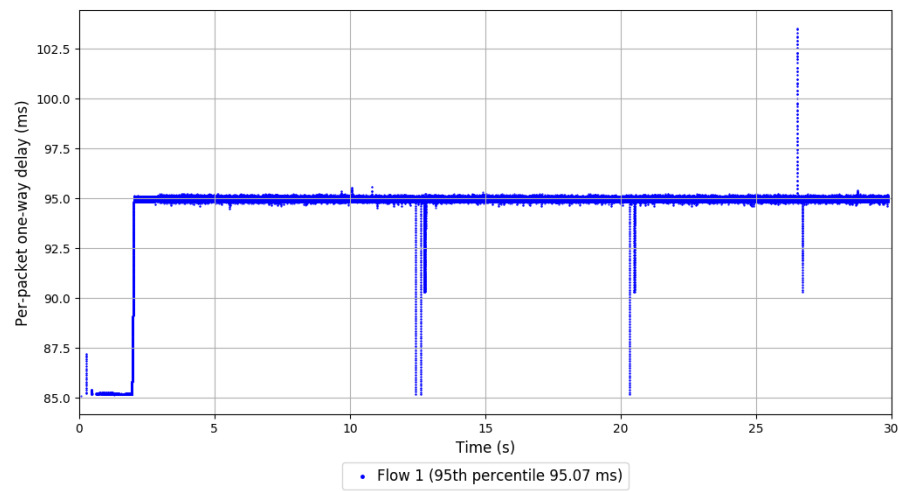
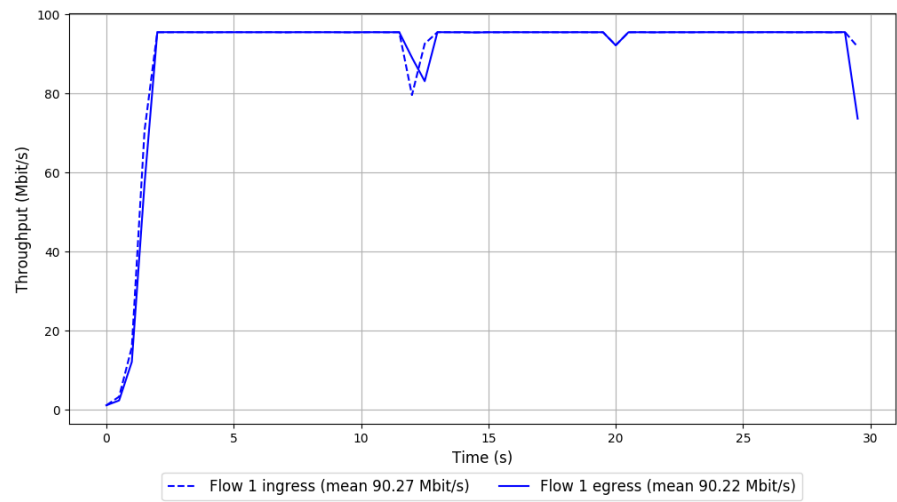
-- Flow 1:

Average throughput: 90.22 Mbit/s

95th percentile per-packet one-way delay: 95.070 ms

Loss rate: 0.67%

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: 2018-03-20 11:19:44

End at: 2018-03-20 11:20:14

Local clock offset: -6.051 ms

Remote clock offset: 7.295 ms

Below is generated by plot.py at 2018-03-20 18:24:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.85 Mbit/s

95th percentile per-packet one-way delay: 85.851 ms

Loss rate: 0.63%

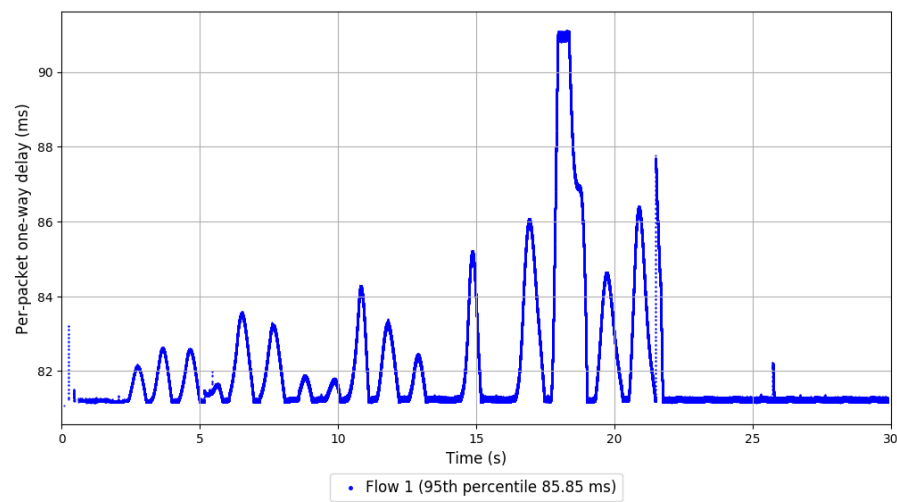
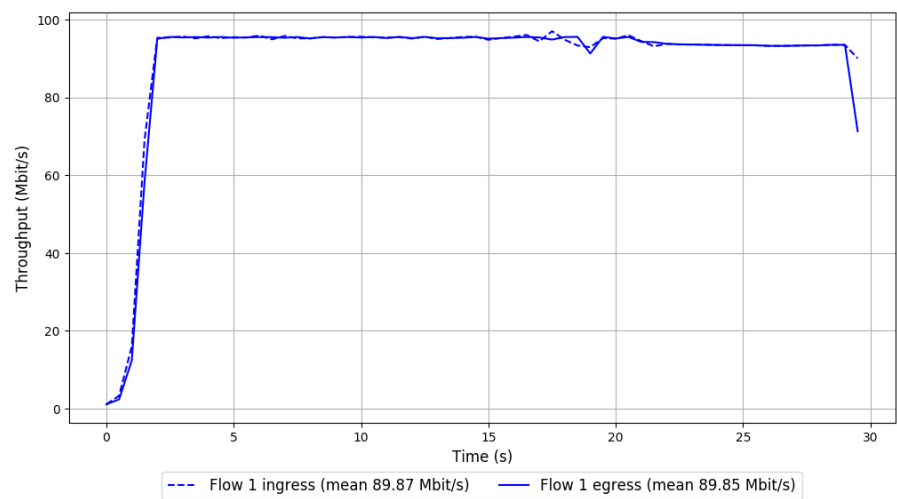
-- Flow 1:

Average throughput: 89.85 Mbit/s

95th percentile per-packet one-way delay: 85.851 ms

Loss rate: 0.63%

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

Start at: 2018-03-20 11:41:57

End at: 2018-03-20 11:42:27

Local clock offset: -6.697 ms

Remote clock offset: 8.784 ms

Below is generated by plot.py at 2018-03-20 18:24:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.62 Mbit/s

95th percentile per-packet one-way delay: 87.095 ms

Loss rate: 0.64%

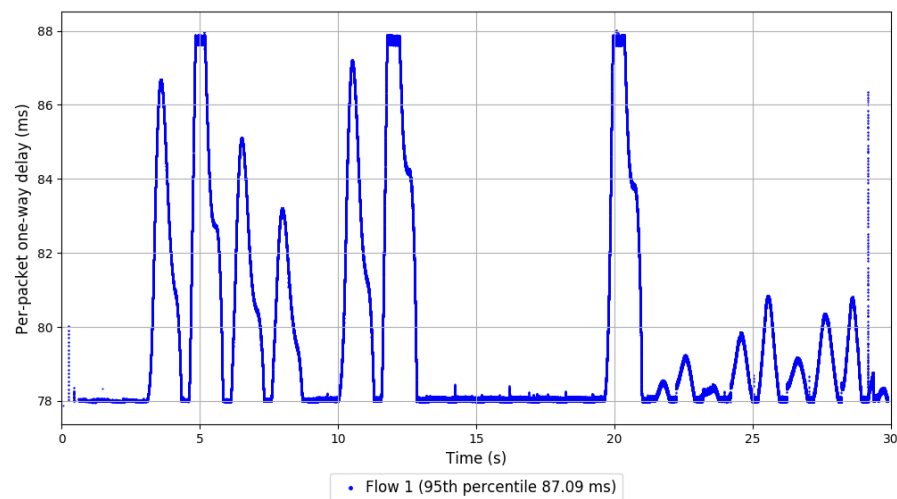
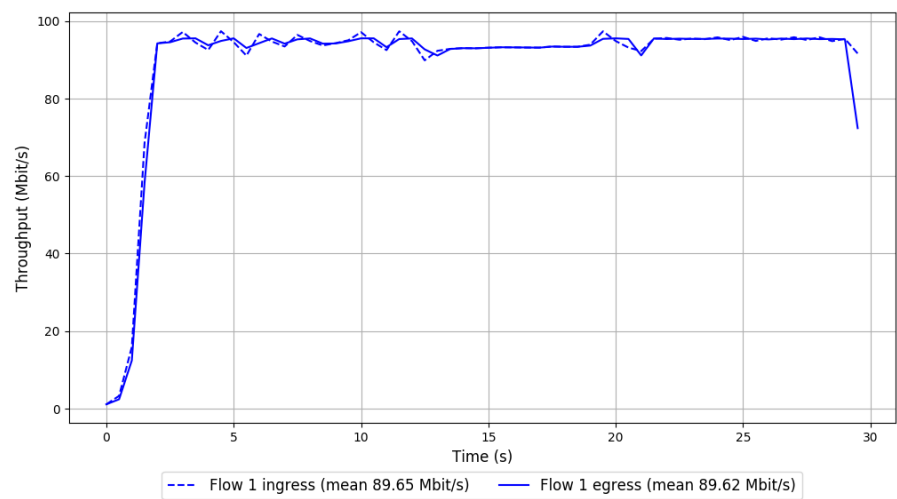
-- Flow 1:

Average throughput: 89.62 Mbit/s

95th percentile per-packet one-way delay: 87.095 ms

Loss rate: 0.64%

Run 3: Report of Copa — Data Link

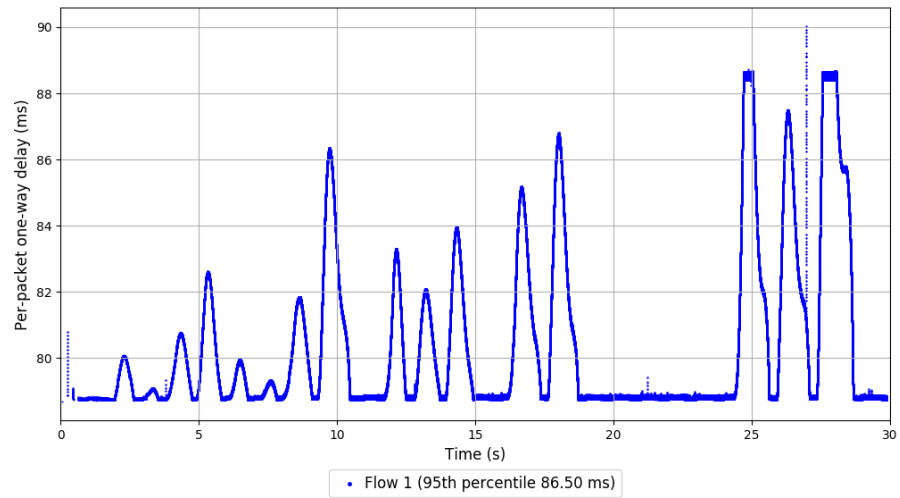
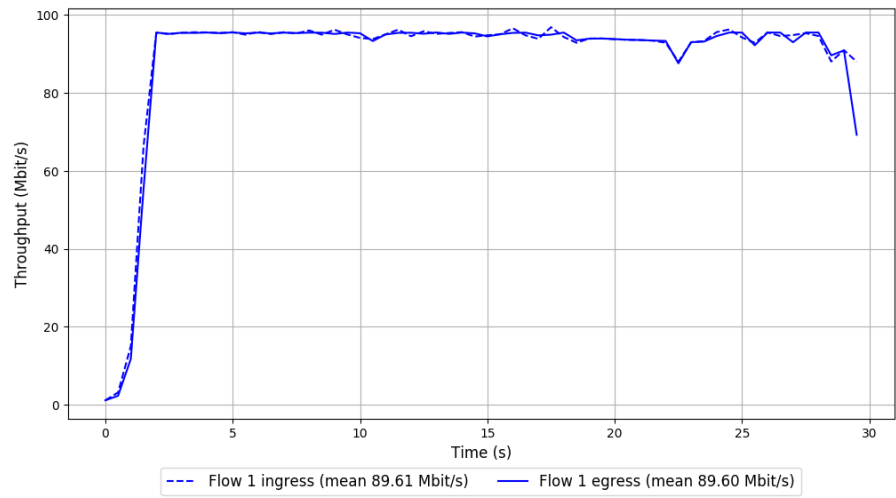


Run 4: Statistics of Copa

Start at: 2018-03-20 12:04:09
End at: 2018-03-20 12:04:39
Local clock offset: -6.889 ms
Remote clock offset: 10.049 ms

Below is generated by plot.py at 2018-03-20 18:24:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.60 Mbit/s
95th percentile per-packet one-way delay: 86.501 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 89.60 Mbit/s
95th percentile per-packet one-way delay: 86.501 ms
Loss rate: 0.62%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: 2018-03-20 12:26:19

End at: 2018-03-20 12:26:50

Local clock offset: -6.905 ms

Remote clock offset: 5.437 ms

Below is generated by plot.py at 2018-03-20 18:24:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.19 Mbit/s

95th percentile per-packet one-way delay: 87.569 ms

Loss rate: 14.88%

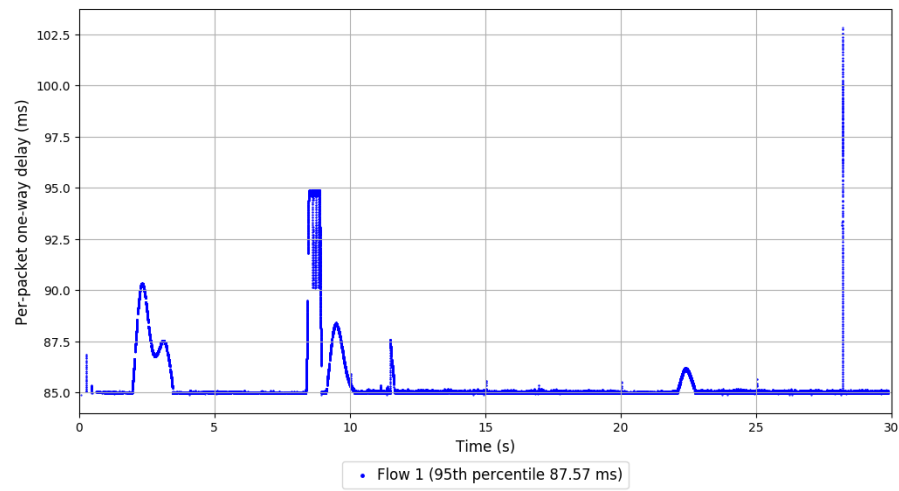
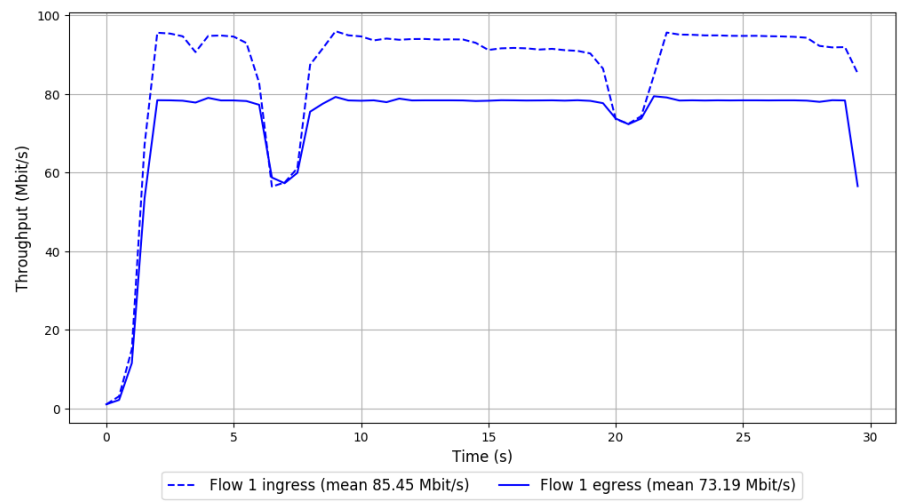
-- Flow 1:

Average throughput: 73.19 Mbit/s

95th percentile per-packet one-way delay: 87.569 ms

Loss rate: 14.88%

Run 5: Report of Copa — Data Link

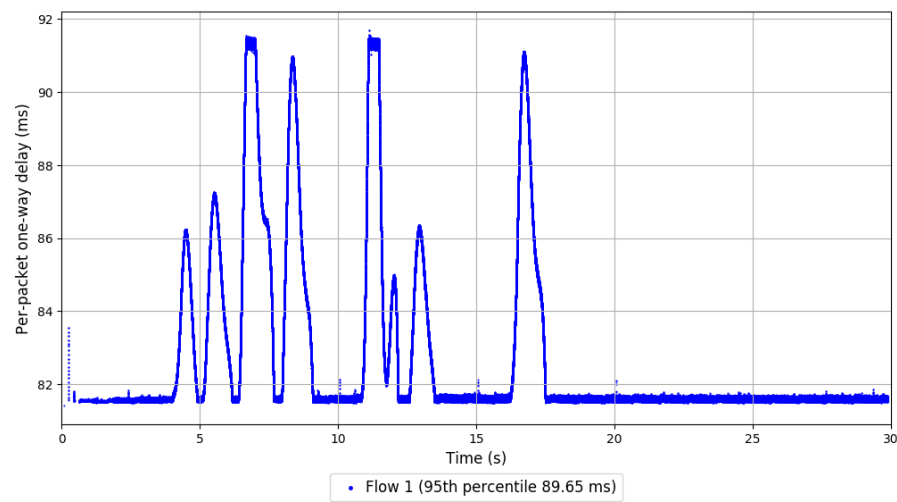
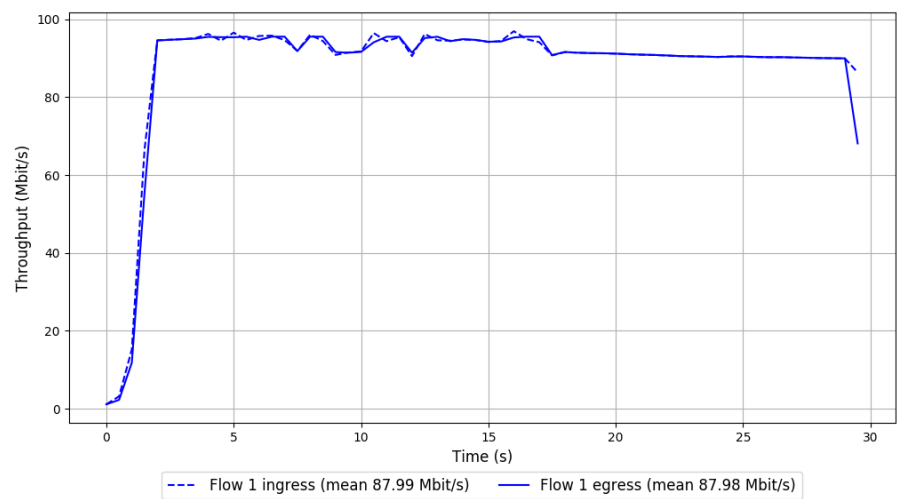


Run 6: Statistics of Copa

Start at: 2018-03-20 12:48:39
End at: 2018-03-20 12:49:09
Local clock offset: -6.646 ms
Remote clock offset: 10.155 ms

Below is generated by plot.py at 2018-03-20 18:24:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.98 Mbit/s
95th percentile per-packet one-way delay: 89.650 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 87.98 Mbit/s
95th percentile per-packet one-way delay: 89.650 ms
Loss rate: 0.62%

Run 6: Report of Copa — Data Link

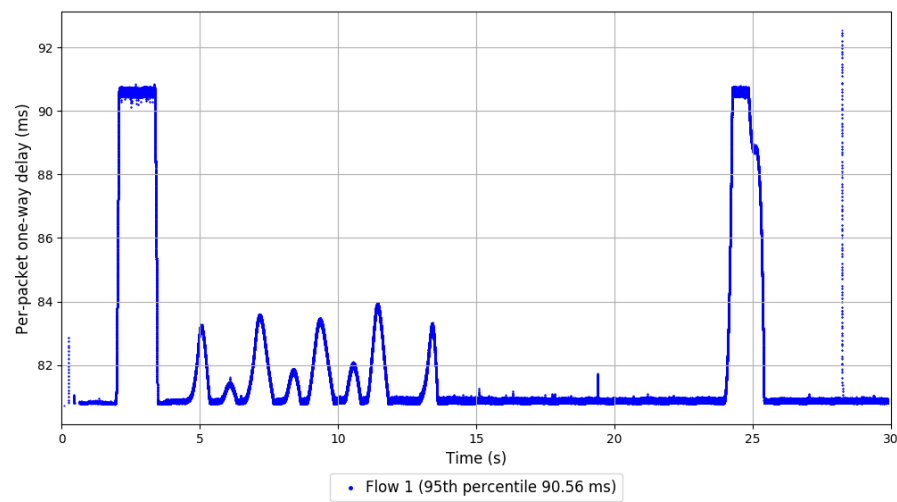
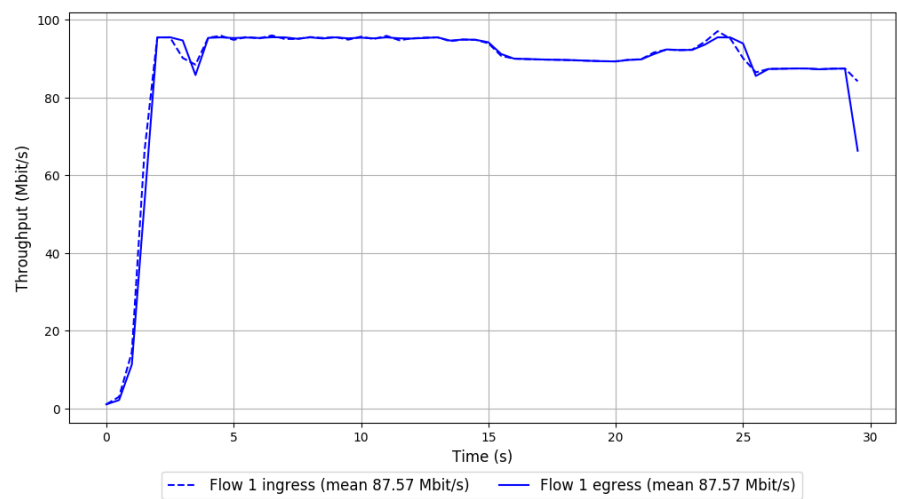


Run 7: Statistics of Copa

Start at: 2018-03-20 13:10:52
End at: 2018-03-20 13:11:22
Local clock offset: -6.829 ms
Remote clock offset: 11.197 ms

Below is generated by plot.py at 2018-03-20 18:24:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.57 Mbit/s
95th percentile per-packet one-way delay: 90.556 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 87.57 Mbit/s
95th percentile per-packet one-way delay: 90.556 ms
Loss rate: 0.61%

Run 7: Report of Copa — Data Link

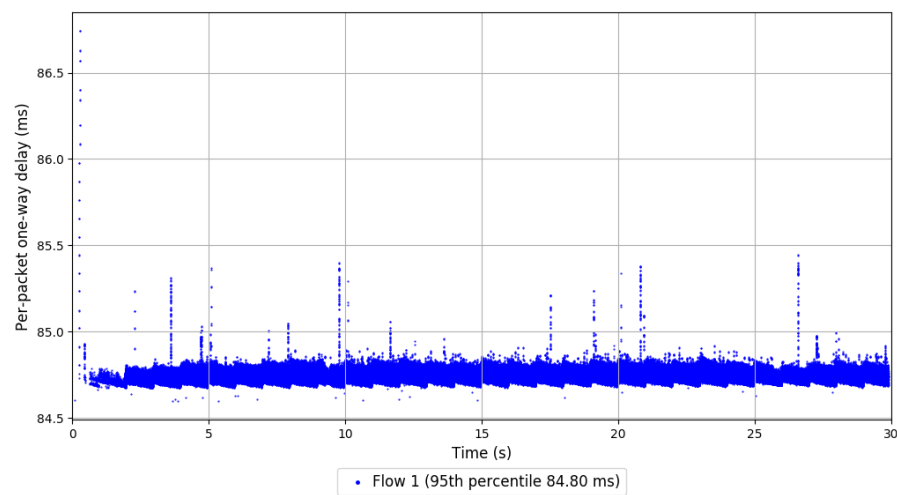
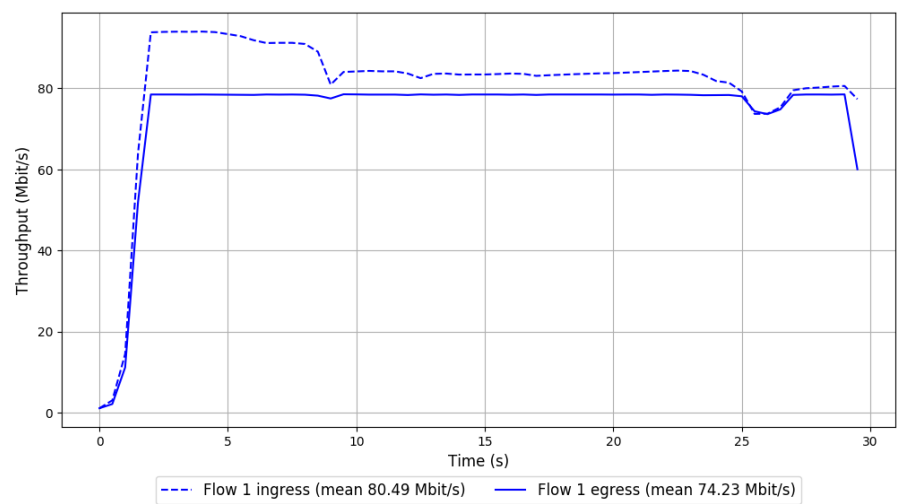


Run 8: Statistics of Copa

Start at: 2018-03-20 13:33:01
End at: 2018-03-20 13:33:31
Local clock offset: -7.142 ms
Remote clock offset: 5.81 ms

Below is generated by plot.py at 2018-03-20 18:24:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.23 Mbit/s
95th percentile per-packet one-way delay: 84.799 ms
Loss rate: 8.34%
-- Flow 1:
Average throughput: 74.23 Mbit/s
95th percentile per-packet one-way delay: 84.799 ms
Loss rate: 8.34%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: 2018-03-20 13:55:16

End at: 2018-03-20 13:55:46

Local clock offset: -6.018 ms

Remote clock offset: 6.97 ms

Below is generated by plot.py at 2018-03-20 18:26:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.09 Mbit/s

95th percentile per-packet one-way delay: 84.602 ms

Loss rate: 0.63%

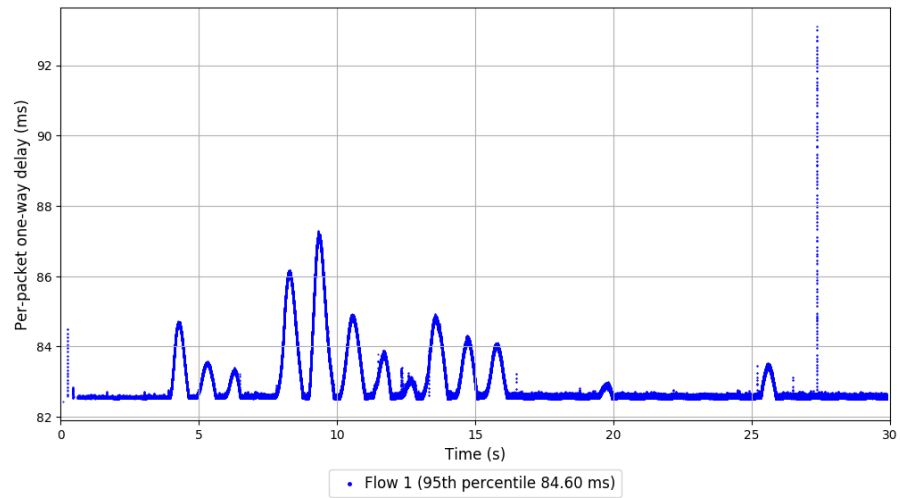
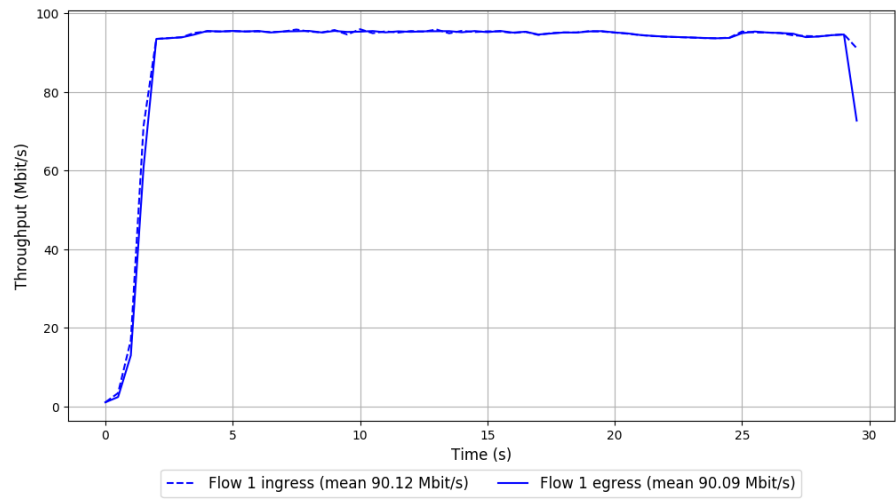
-- Flow 1:

Average throughput: 90.09 Mbit/s

95th percentile per-packet one-way delay: 84.602 ms

Loss rate: 0.63%

Run 9: Report of Copa — Data Link

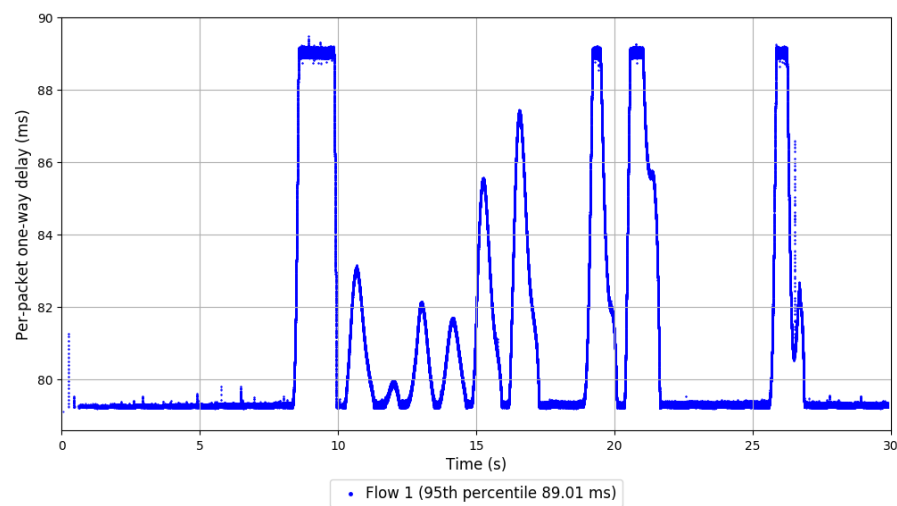
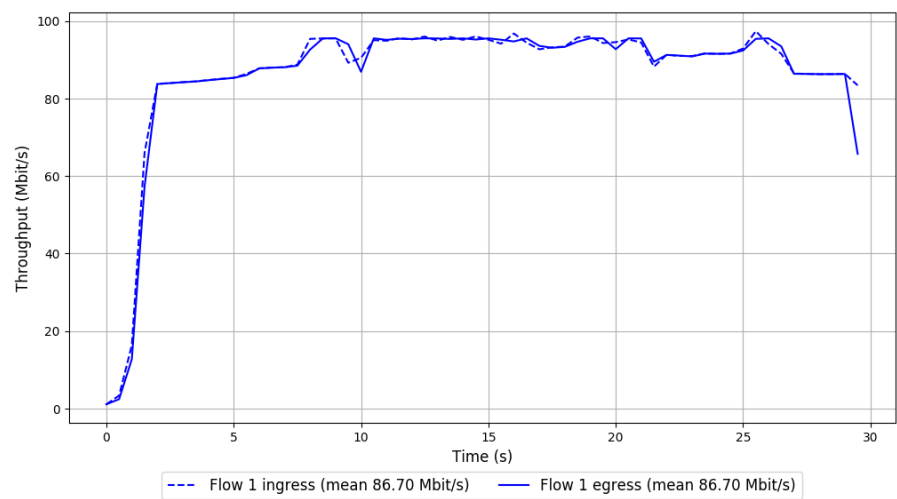


Run 10: Statistics of Copa

Start at: 2018-03-20 14:17:28
End at: 2018-03-20 14:17:58
Local clock offset: -5.581 ms
Remote clock offset: 11.825 ms

Below is generated by plot.py at 2018-03-20 18:26:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.70 Mbit/s
95th percentile per-packet one-way delay: 89.013 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 86.70 Mbit/s
95th percentile per-packet one-way delay: 89.013 ms
Loss rate: 0.60%

Run 10: Report of Copa — Data Link



Run 1: Statistics of FillP

Start at: 2018-03-20 10:58:47

End at: 2018-03-20 10:59:17

Local clock offset: -6.06 ms

Remote clock offset: 3.657 ms

Below is generated by plot.py at 2018-03-20 18:26:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.78 Mbit/s

95th percentile per-packet one-way delay: 94.032 ms

Loss rate: 0.63%

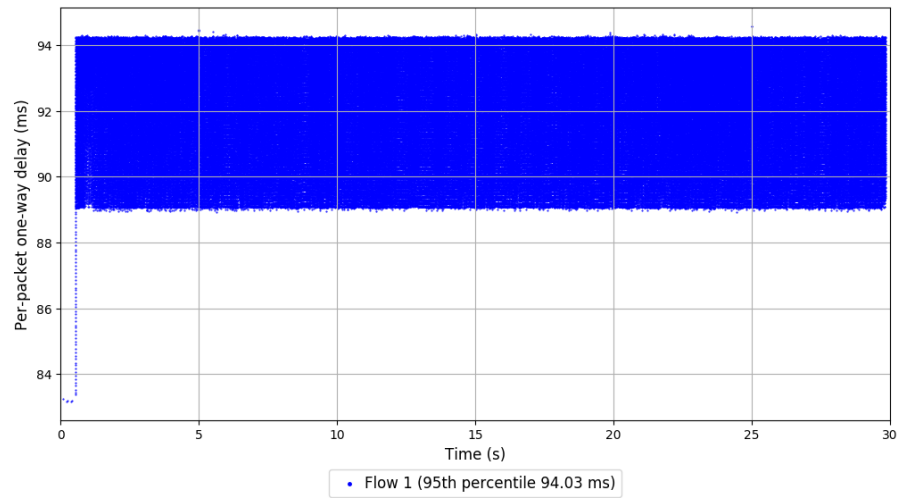
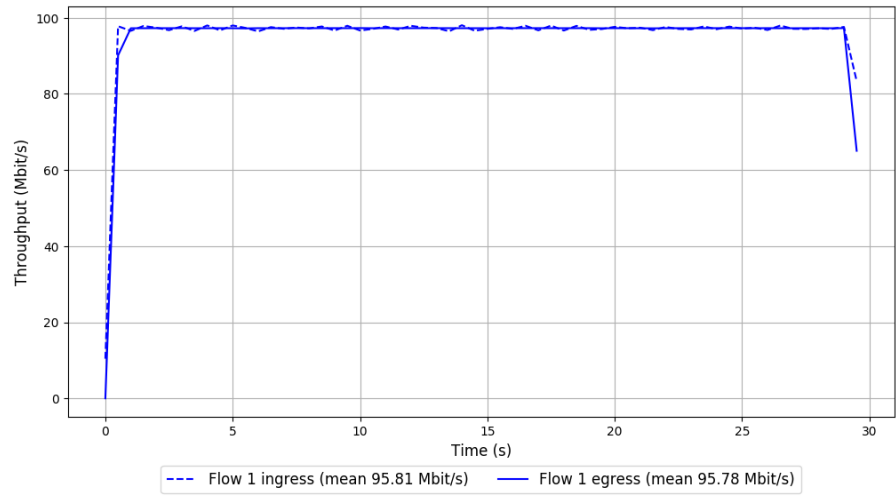
-- Flow 1:

Average throughput: 95.78 Mbit/s

95th percentile per-packet one-way delay: 94.032 ms

Loss rate: 0.63%

Run 1: Report of FillP — Data Link



Run 2: Statistics of FillP

Start at: 2018-03-20 11:21:02

End at: 2018-03-20 11:21:32

Local clock offset: -6.056 ms

Remote clock offset: 8.235 ms

Below is generated by plot.py at 2018-03-20 18:26:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.73 Mbit/s

95th percentile per-packet one-way delay: 90.707 ms

Loss rate: 0.64%

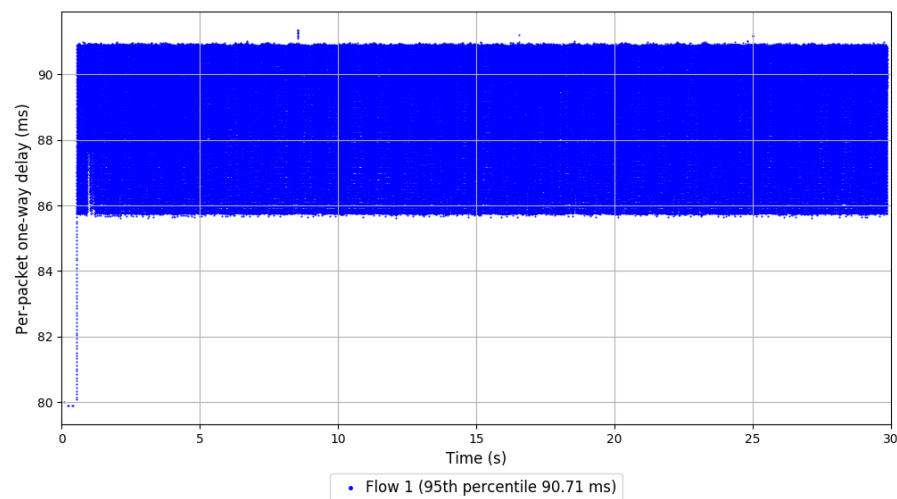
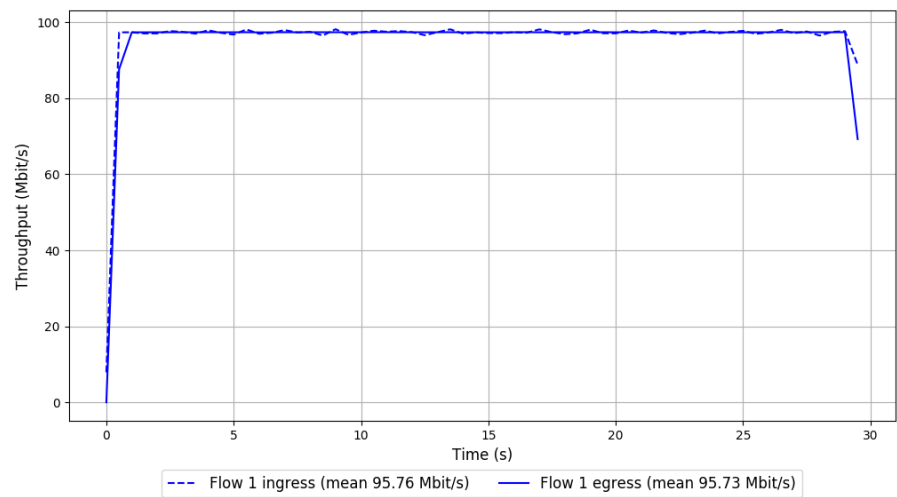
-- Flow 1:

Average throughput: 95.73 Mbit/s

95th percentile per-packet one-way delay: 90.707 ms

Loss rate: 0.64%

Run 2: Report of FillP — Data Link



Run 3: Statistics of FillP

Start at: 2018-03-20 11:43:15

End at: 2018-03-20 11:43:45

Local clock offset: -6.73 ms

Remote clock offset: 7.97 ms

Below is generated by plot.py at 2018-03-20 18:26:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.79 Mbit/s

95th percentile per-packet one-way delay: 89.243 ms

Loss rate: 0.63%

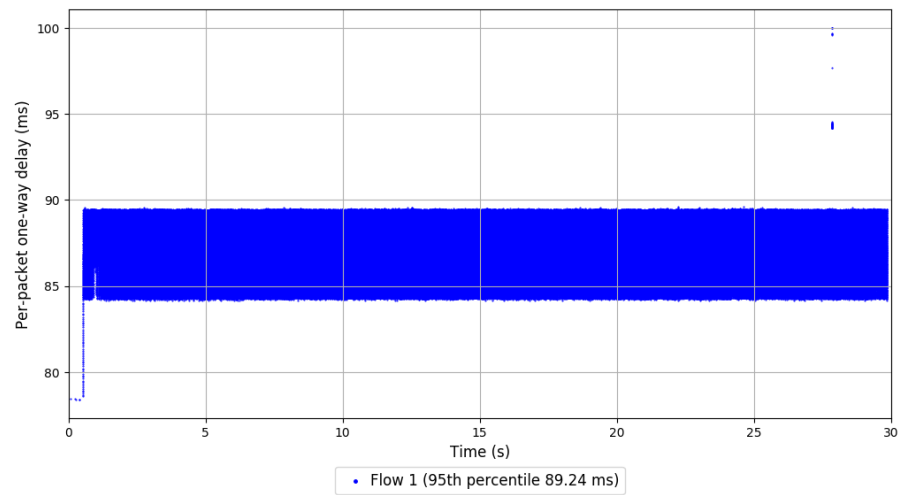
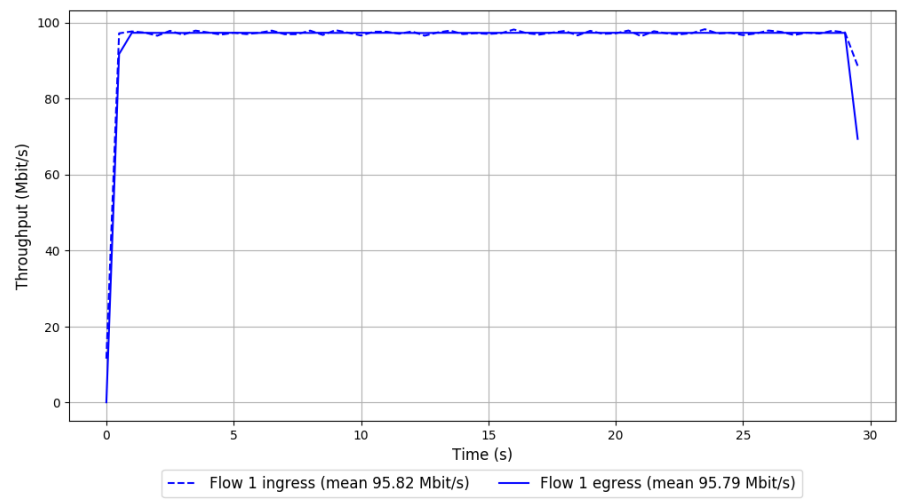
-- Flow 1:

Average throughput: 95.79 Mbit/s

95th percentile per-packet one-way delay: 89.243 ms

Loss rate: 0.63%

Run 3: Report of FillP — Data Link



Run 4: Statistics of FillP

Start at: 2018-03-20 12:05:27

End at: 2018-03-20 12:05:57

Local clock offset: -6.933 ms

Remote clock offset: 6.239 ms

Below is generated by plot.py at 2018-03-20 18:26:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.76 Mbit/s

95th percentile per-packet one-way delay: 96.218 ms

Loss rate: 0.65%

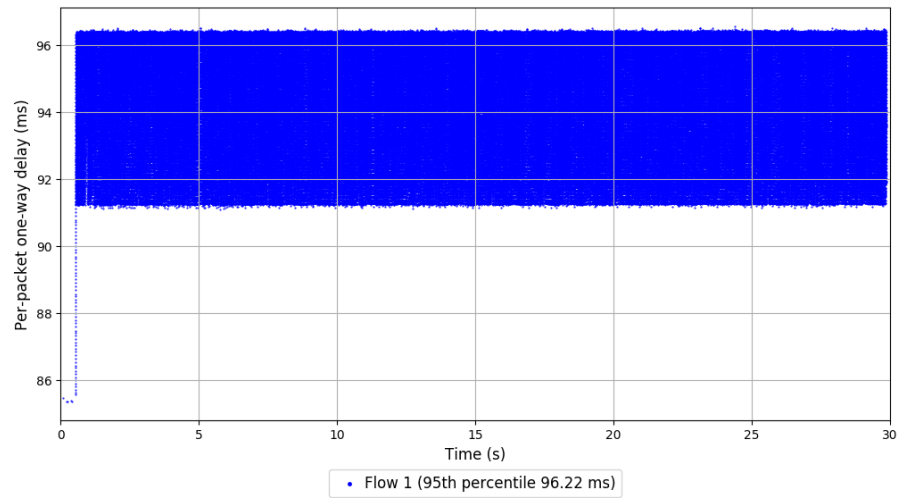
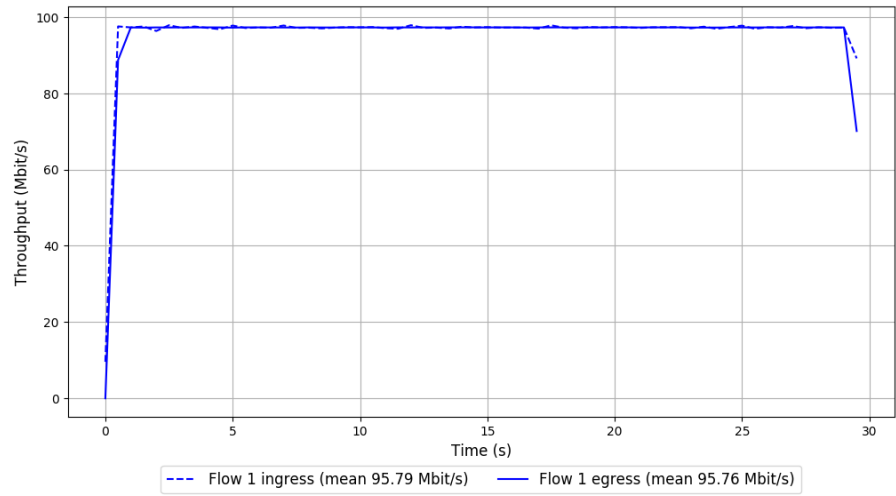
-- Flow 1:

Average throughput: 95.76 Mbit/s

95th percentile per-packet one-way delay: 96.218 ms

Loss rate: 0.65%

Run 4: Report of FillP — Data Link



Run 5: Statistics of FillP

Start at: 2018-03-20 12:27:37

End at: 2018-03-20 12:28:07

Local clock offset: -6.973 ms

Remote clock offset: 9.303 ms

Below is generated by plot.py at 2018-03-20 18:26:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.53 Mbit/s

95th percentile per-packet one-way delay: 89.692 ms

Loss rate: 16.19%

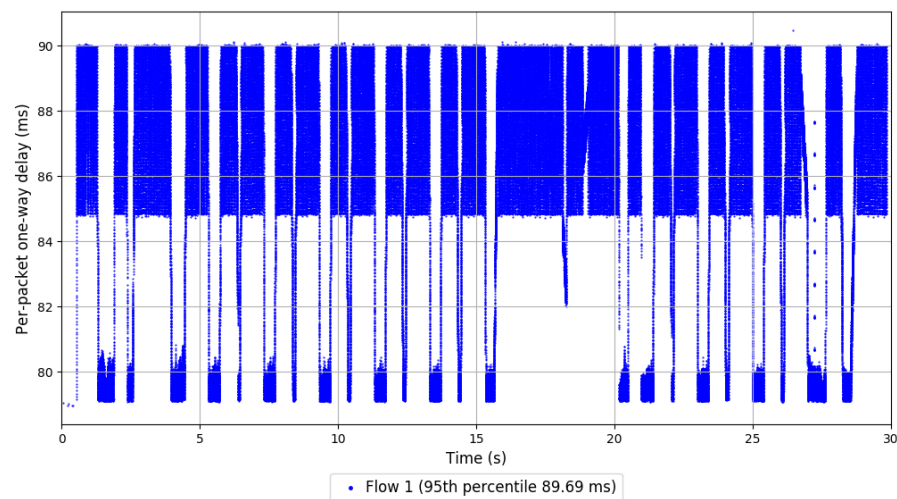
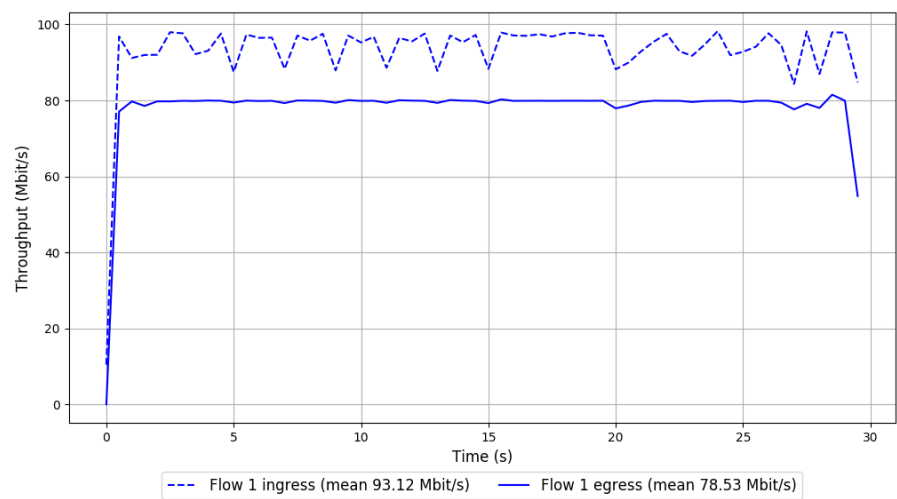
-- Flow 1:

Average throughput: 78.53 Mbit/s

95th percentile per-packet one-way delay: 89.692 ms

Loss rate: 16.19%

Run 5: Report of FillP — Data Link



Run 6: Statistics of FillP

Start at: 2018-03-20 12:49:57

End at: 2018-03-20 12:50:27

Local clock offset: -6.714 ms

Remote clock offset: 9.319 ms

Below is generated by plot.py at 2018-03-20 18:26:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.79 Mbit/s

95th percentile per-packet one-way delay: 91.837 ms

Loss rate: 0.65%

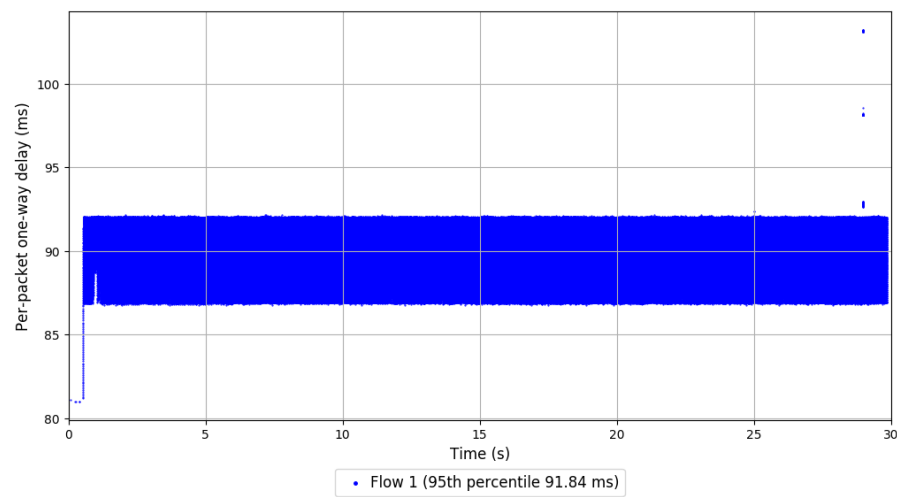
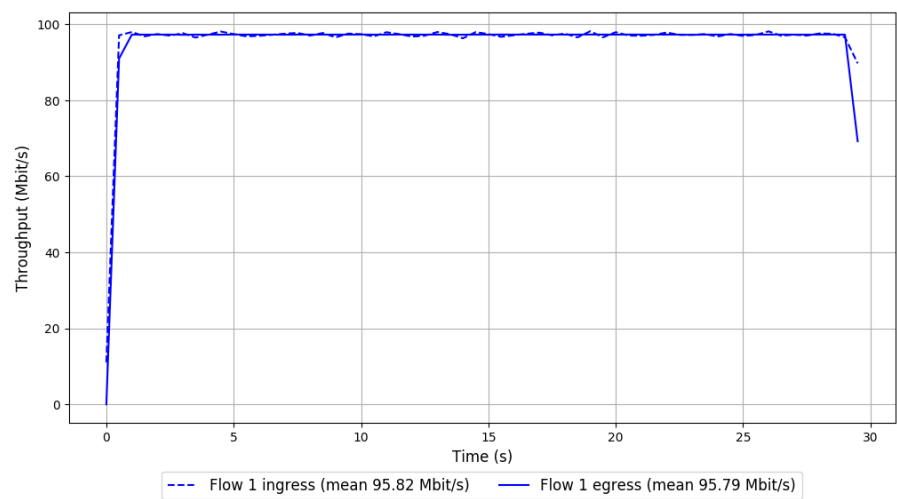
-- Flow 1:

Average throughput: 95.79 Mbit/s

95th percentile per-packet one-way delay: 91.837 ms

Loss rate: 0.65%

Run 6: Report of FillP — Data Link

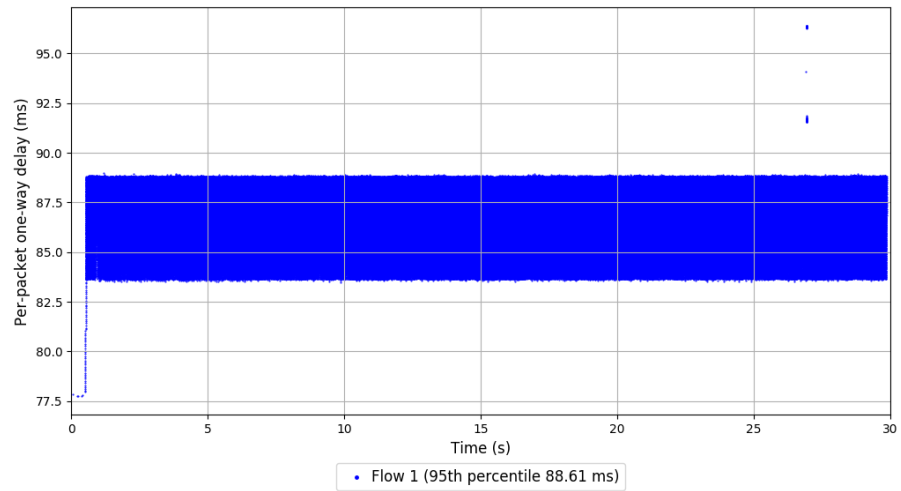
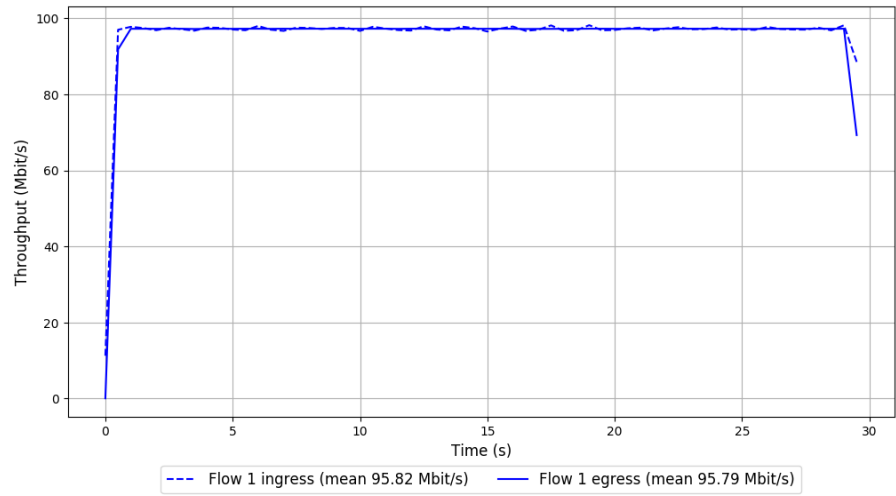


Run 7: Statistics of FillP

Start at: 2018-03-20 13:12:11
End at: 2018-03-20 13:12:41
Local clock offset: -6.826 ms
Remote clock offset: 11.131 ms

Below is generated by plot.py at 2018-03-20 18:27:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.79 Mbit/s
95th percentile per-packet one-way delay: 88.614 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 95.79 Mbit/s
95th percentile per-packet one-way delay: 88.614 ms
Loss rate: 0.64%

Run 7: Report of FillP — Data Link



Run 8: Statistics of FillP

Start at: 2018-03-20 13:34:19

End at: 2018-03-20 13:34:49

Local clock offset: -7.081 ms

Remote clock offset: 9.75 ms

Below is generated by plot.py at 2018-03-20 18:27:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.72 Mbit/s

95th percentile per-packet one-way delay: 90.111 ms

Loss rate: 0.63%

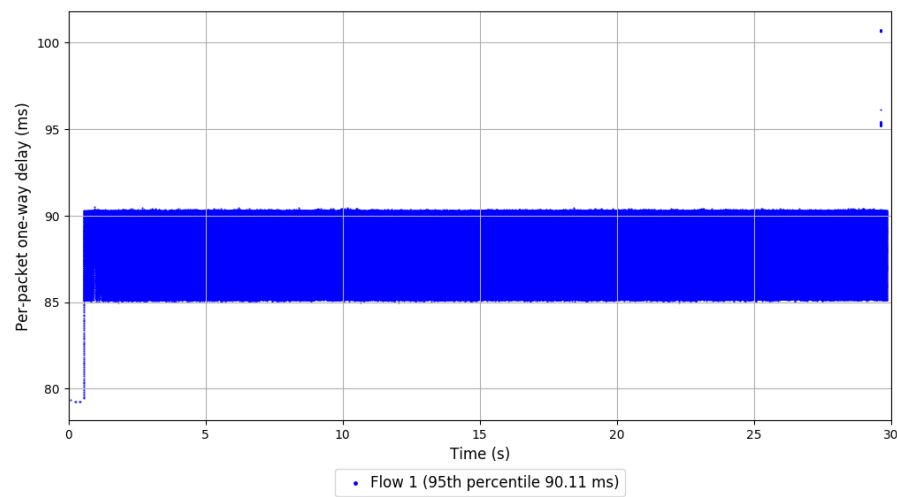
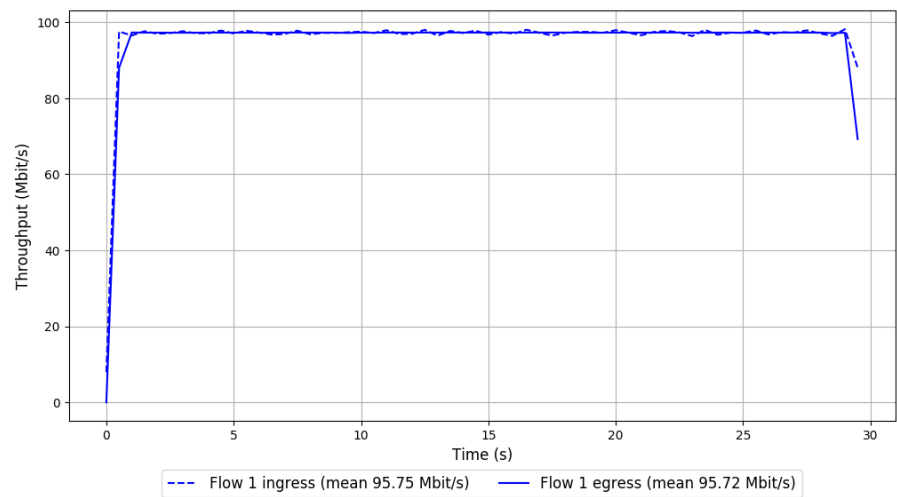
-- Flow 1:

Average throughput: 95.72 Mbit/s

95th percentile per-packet one-way delay: 90.111 ms

Loss rate: 0.63%

Run 8: Report of FillP — Data Link



Run 9: Statistics of FillP

Start at: 2018-03-20 13:56:34

End at: 2018-03-20 13:57:04

Local clock offset: -5.983 ms

Remote clock offset: 9.965 ms

Below is generated by plot.py at 2018-03-20 18:27:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.77 Mbit/s

95th percentile per-packet one-way delay: 91.542 ms

Loss rate: 0.64%

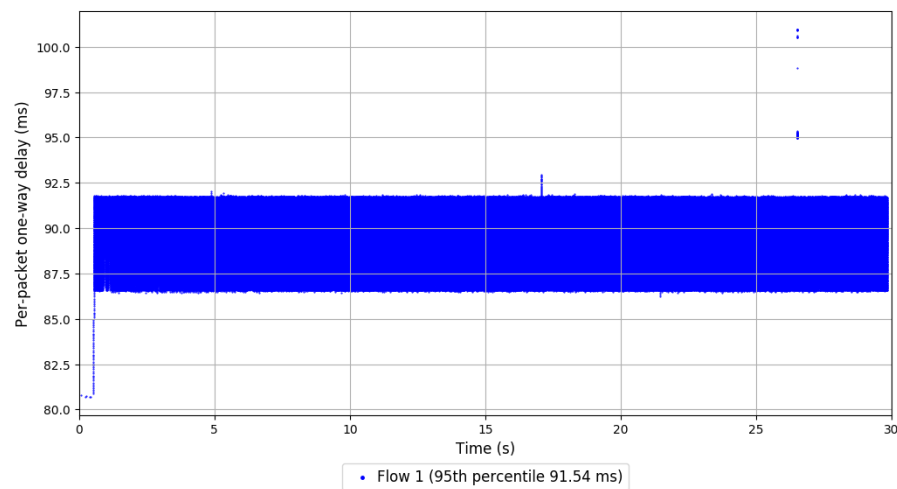
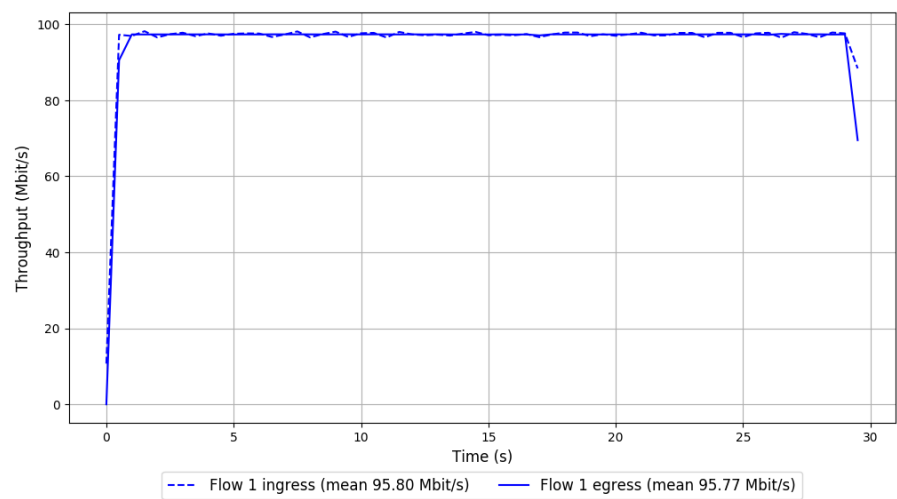
-- Flow 1:

Average throughput: 95.77 Mbit/s

95th percentile per-packet one-way delay: 91.542 ms

Loss rate: 0.64%

Run 9: Report of FillP — Data Link



Run 10: Statistics of FillP

Start at: 2018-03-20 14:18:46

End at: 2018-03-20 14:19:16

Local clock offset: -5.557 ms

Remote clock offset: 6.202 ms

Below is generated by plot.py at 2018-03-20 18:27:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.77 Mbit/s

95th percentile per-packet one-way delay: 94.201 ms

Loss rate: 0.65%

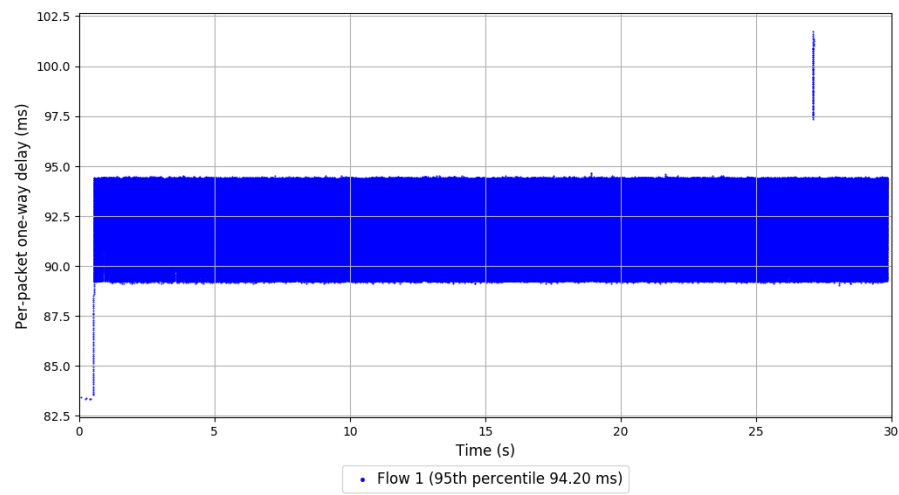
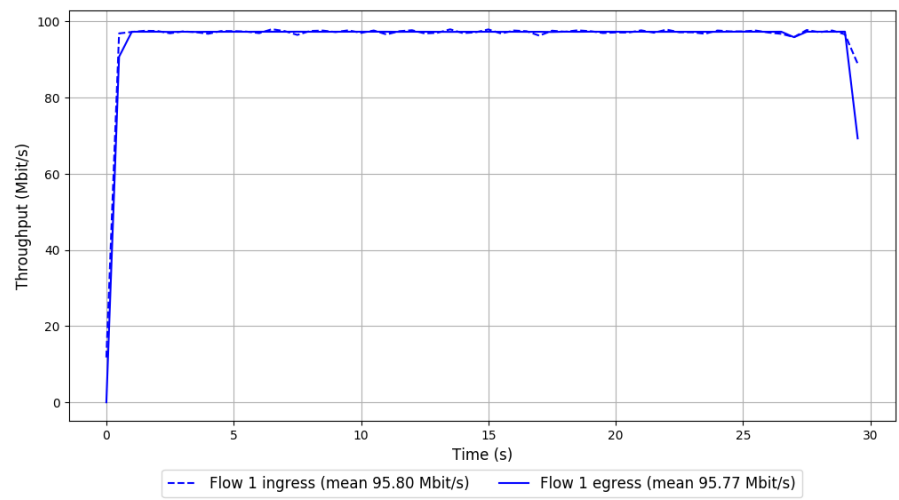
-- Flow 1:

Average throughput: 95.77 Mbit/s

95th percentile per-packet one-way delay: 94.201 ms

Loss rate: 0.65%

Run 10: Report of FillP — Data Link

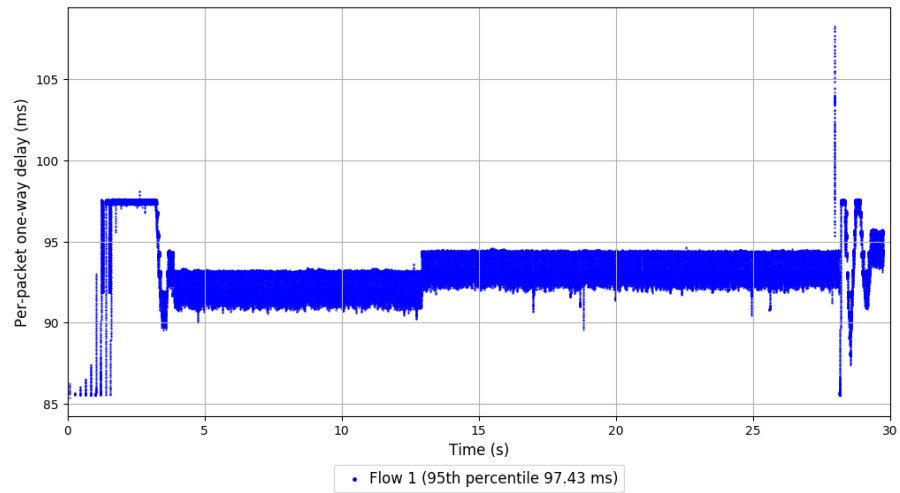
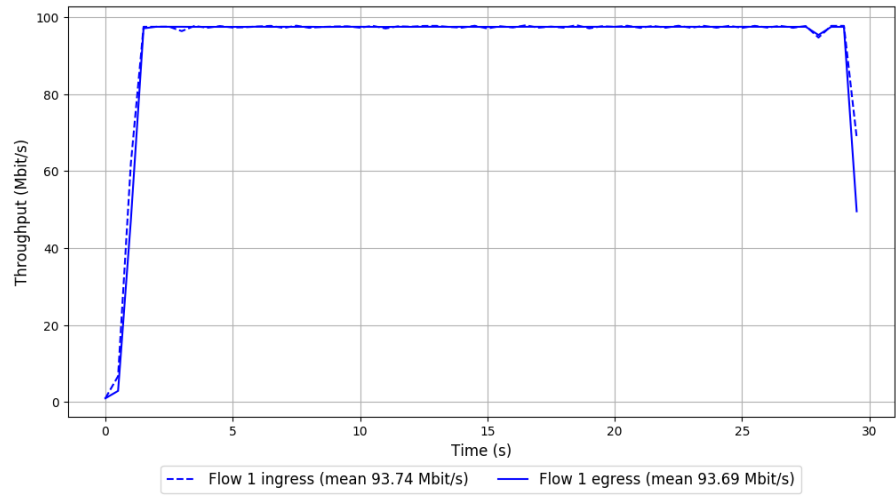


```
Run 1: Statistics of Indigo-1-32

Start at: 2018-03-20 11:00:01
End at: 2018-03-20 11:00:31
Local clock offset: -6.071 ms
Remote clock offset: 4.595 ms

# Below is generated by plot.py at 2018-03-20 18:27:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.69 Mbit/s
95th percentile per-packet one-way delay: 97.427 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 93.69 Mbit/s
95th percentile per-packet one-way delay: 97.427 ms
Loss rate: 0.67%
```

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



Run 2: Statistics of Indigo-1-32

Start at: 2018-03-20 11:22:15

End at: 2018-03-20 11:22:46

Local clock offset: -6.061 ms

Remote clock offset: 8.964 ms

Below is generated by plot.py at 2018-03-20 18:27:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.20 Mbit/s

95th percentile per-packet one-way delay: 86.976 ms

Loss rate: 0.65%

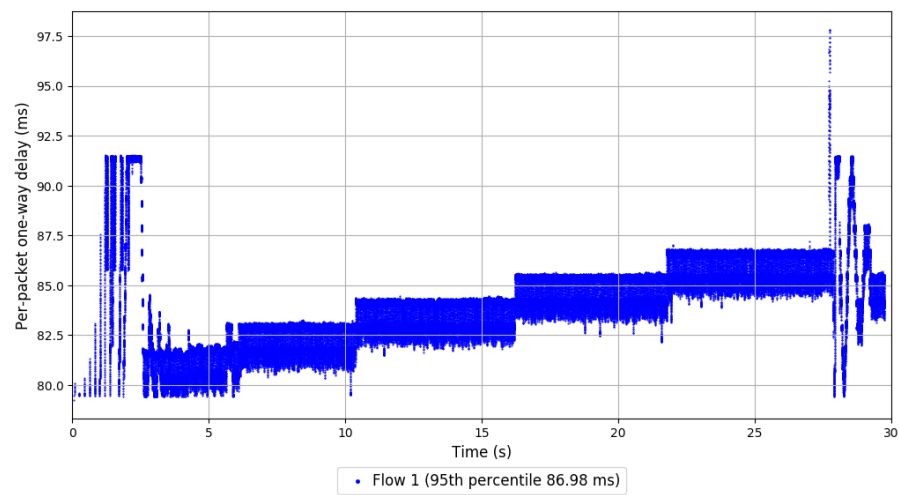
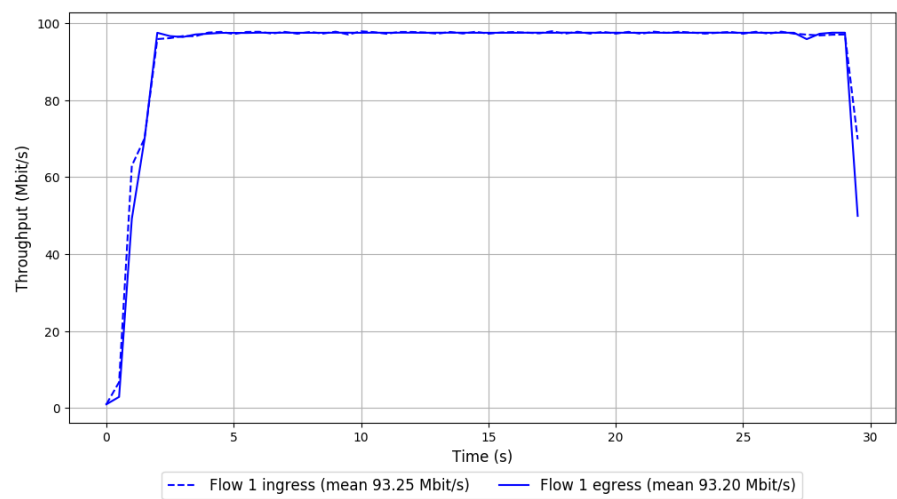
-- Flow 1:

Average throughput: 93.20 Mbit/s

95th percentile per-packet one-way delay: 86.976 ms

Loss rate: 0.65%

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



Run 3: Statistics of Indigo-1-32

Start at: 2018-03-20 11:44:29

End at: 2018-03-20 11:44:59

Local clock offset: -6.736 ms

Remote clock offset: 4.133 ms

Below is generated by plot.py at 2018-03-20 18:27:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.68 Mbit/s

95th percentile per-packet one-way delay: 91.083 ms

Loss rate: 0.65%

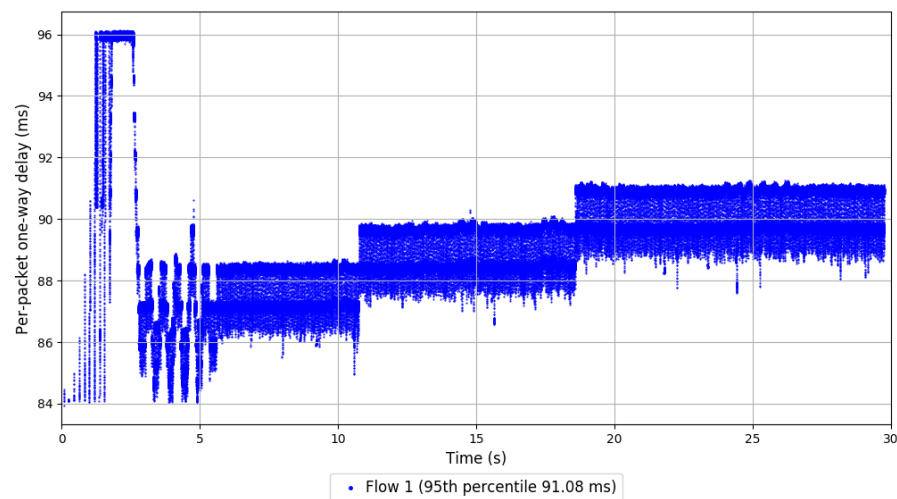
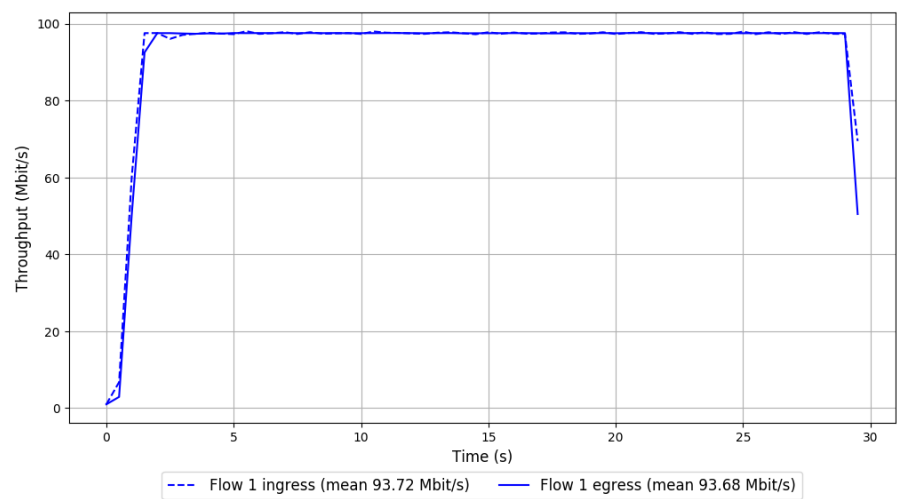
-- Flow 1:

Average throughput: 93.68 Mbit/s

95th percentile per-packet one-way delay: 91.083 ms

Loss rate: 0.65%

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



Run 4: Statistics of Indigo-1-32

Start at: 2018-03-20 12:06:41

End at: 2018-03-20 12:07:11

Local clock offset: -6.872 ms

Remote clock offset: 6.349 ms

Below is generated by plot.py at 2018-03-20 18:27:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.71 Mbit/s

95th percentile per-packet one-way delay: 93.799 ms

Loss rate: 0.65%

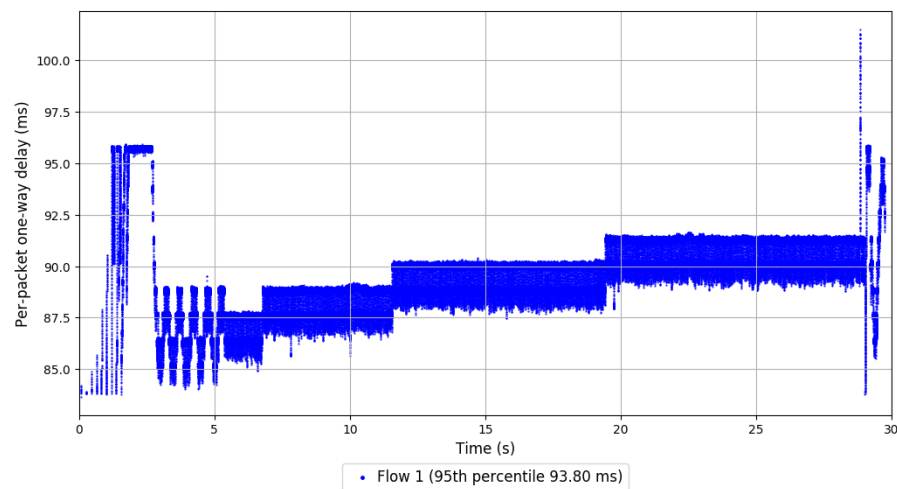
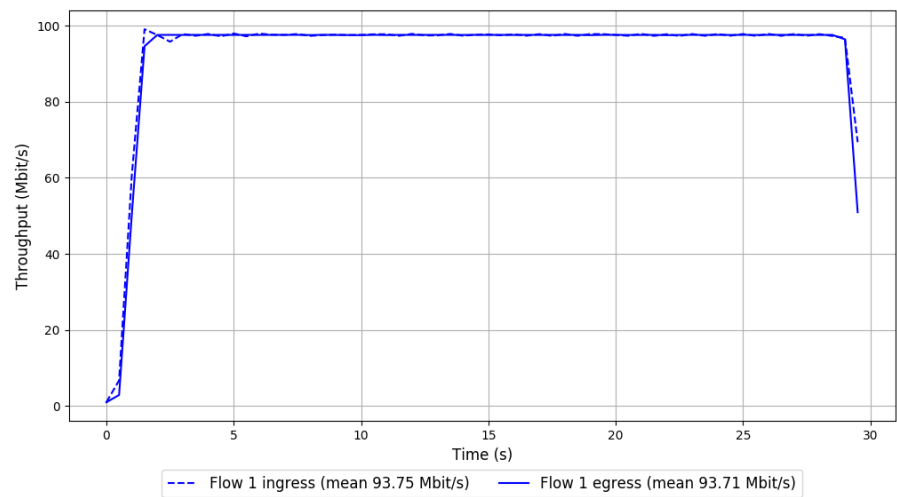
-- Flow 1:

Average throughput: 93.71 Mbit/s

95th percentile per-packet one-way delay: 93.799 ms

Loss rate: 0.65%

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

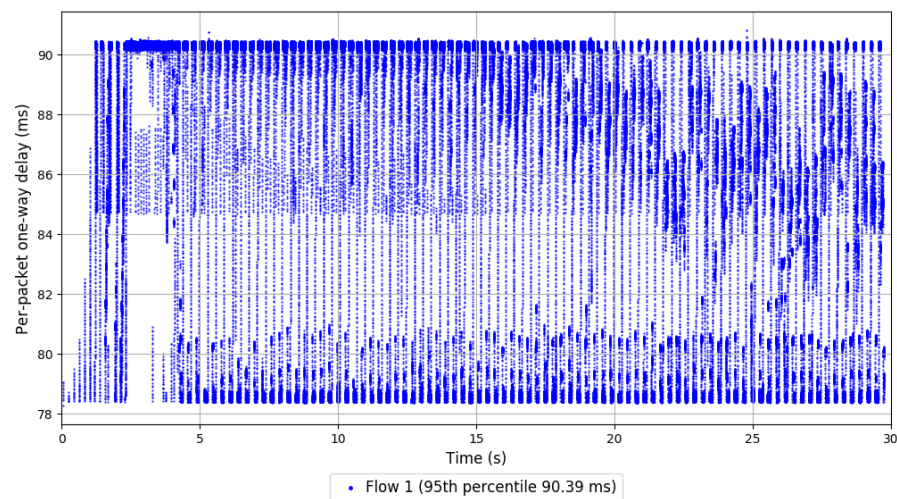
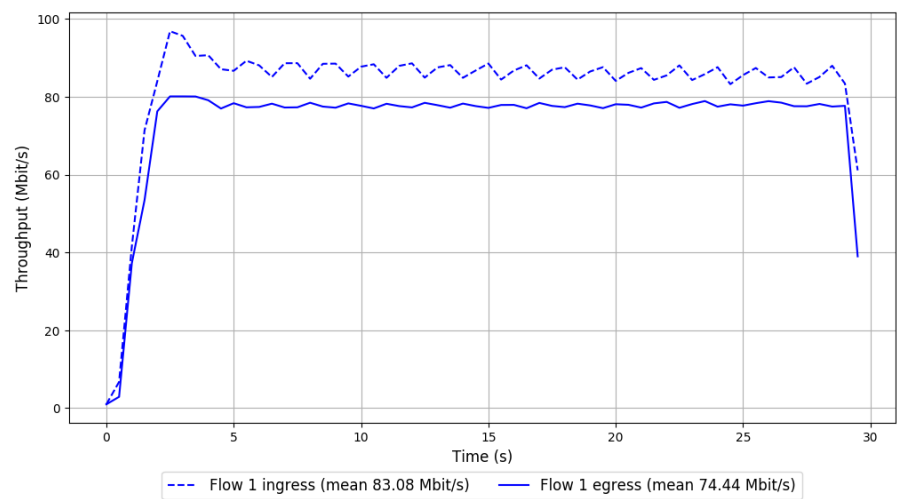


Run 5: Statistics of Indigo-1-32

Start at: 2018-03-20 12:28:51
End at: 2018-03-20 12:29:21
Local clock offset: -6.93 ms
Remote clock offset: 10.061 ms

Below is generated by plot.py at 2018-03-20 18:27:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.44 Mbit/s
95th percentile per-packet one-way delay: 90.390 ms
Loss rate: 10.95%
-- Flow 1:
Average throughput: 74.44 Mbit/s
95th percentile per-packet one-way delay: 90.390 ms
Loss rate: 10.95%

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



Run 6: Statistics of Indigo-1-32

Start at: 2018-03-20 12:51:11

End at: 2018-03-20 12:51:41

Local clock offset: -6.62 ms

Remote clock offset: 9.361 ms

Below is generated by plot.py at 2018-03-20 18:28:25

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.60 Mbit/s

95th percentile per-packet one-way delay: 89.936 ms

Loss rate: 0.66%

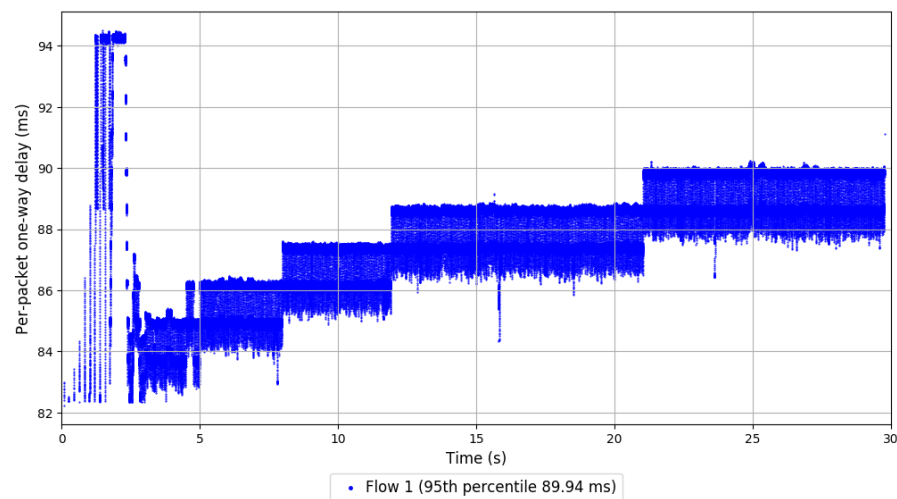
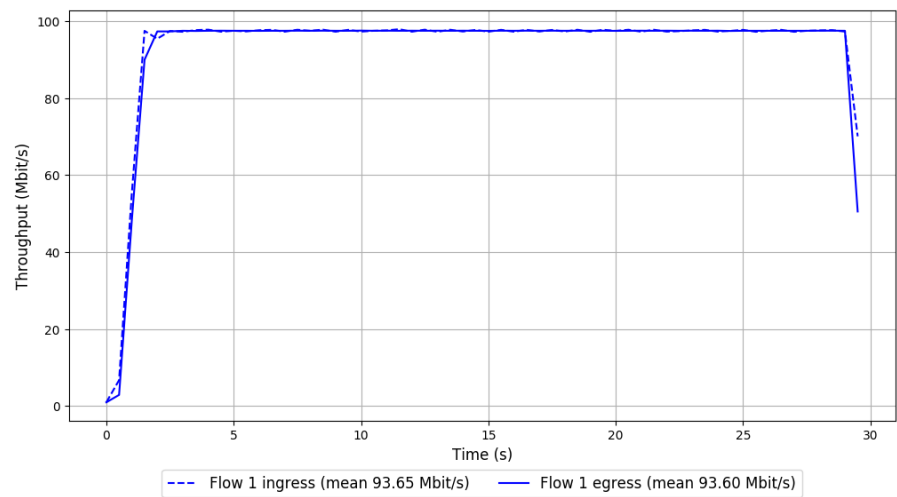
-- Flow 1:

Average throughput: 93.60 Mbit/s

95th percentile per-packet one-way delay: 89.936 ms

Loss rate: 0.66%

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

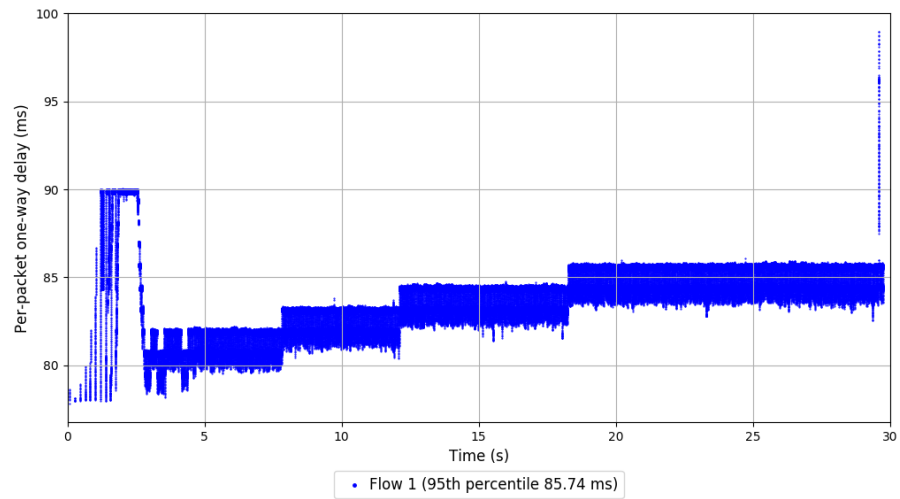
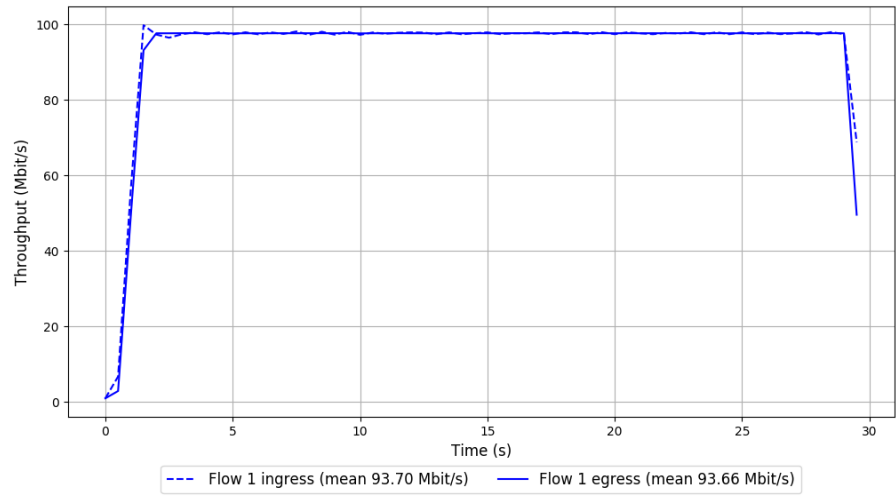


Run 7: Statistics of Indigo-1-32

Start at: 2018-03-20 13:13:25
End at: 2018-03-20 13:13:55
Local clock offset: -6.806 ms
Remote clock offset: 11.158 ms

Below is generated by plot.py at 2018-03-20 18:28:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.66 Mbit/s
95th percentile per-packet one-way delay: 85.740 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 93.66 Mbit/s
95th percentile per-packet one-way delay: 85.740 ms
Loss rate: 0.64%

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



Run 8: Statistics of Indigo-1-32

Start at: 2018-03-20 13:35:34

End at: 2018-03-20 13:36:04

Local clock offset: -7.082 ms

Remote clock offset: 10.534 ms

Below is generated by plot.py at 2018-03-20 18:28:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.70 Mbit/s

95th percentile per-packet one-way delay: 88.879 ms

Loss rate: 0.65%

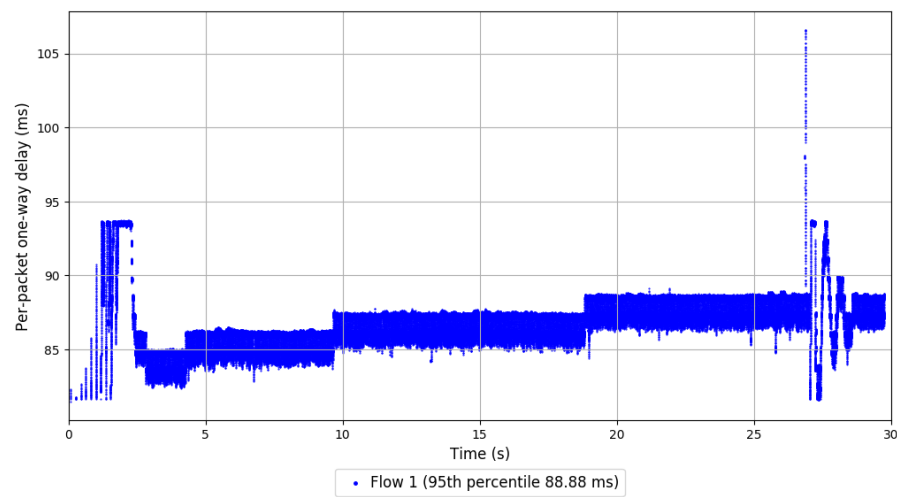
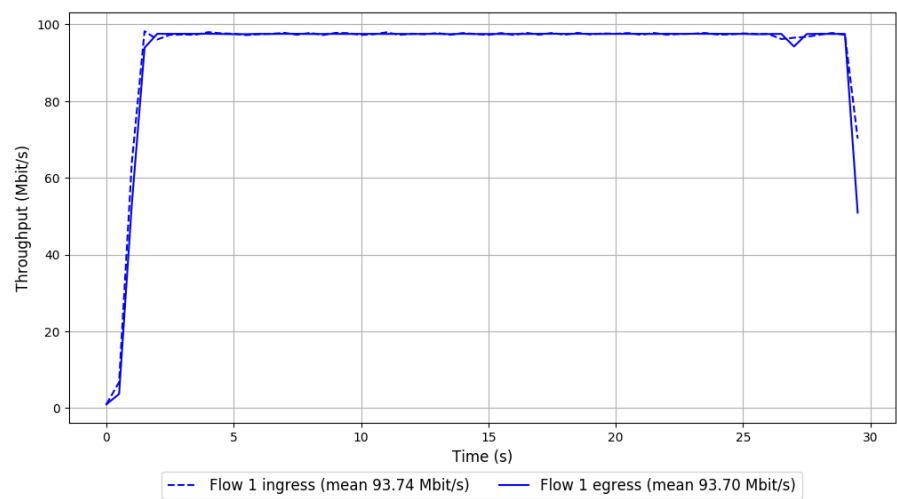
-- Flow 1:

Average throughput: 93.70 Mbit/s

95th percentile per-packet one-way delay: 88.879 ms

Loss rate: 0.65%

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

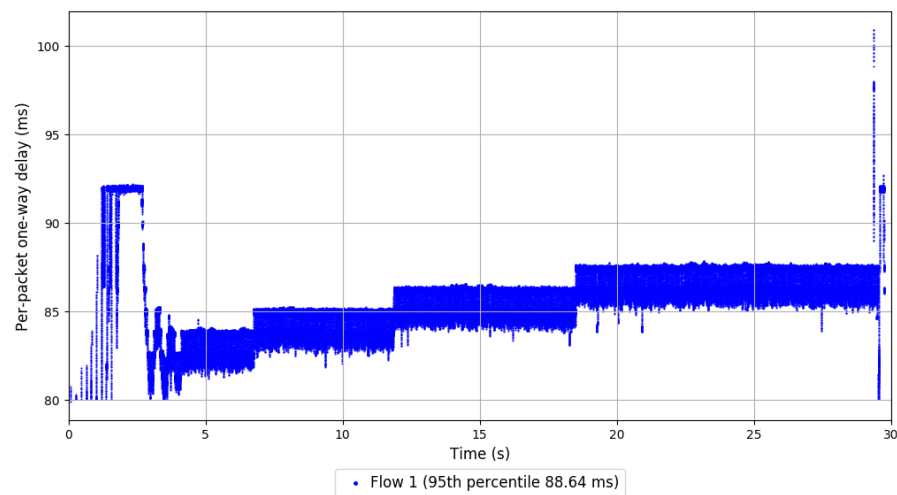
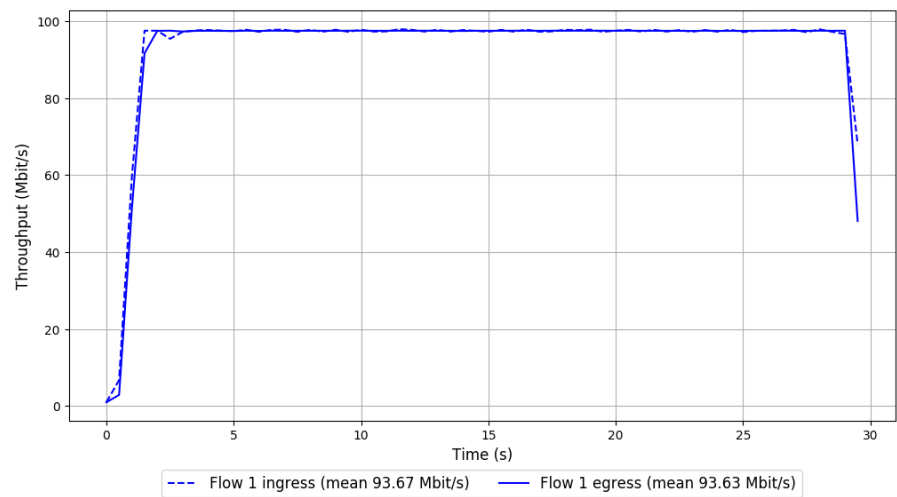


Run 9: Statistics of Indigo-1-32

Start at: 2018-03-20 13:57:48
End at: 2018-03-20 13:58:18
Local clock offset: -5.919 ms
Remote clock offset: 10.763 ms

Below is generated by plot.py at 2018-03-20 18:28:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.63 Mbit/s
95th percentile per-packet one-way delay: 88.640 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 93.63 Mbit/s
95th percentile per-packet one-way delay: 88.640 ms
Loss rate: 0.64%

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

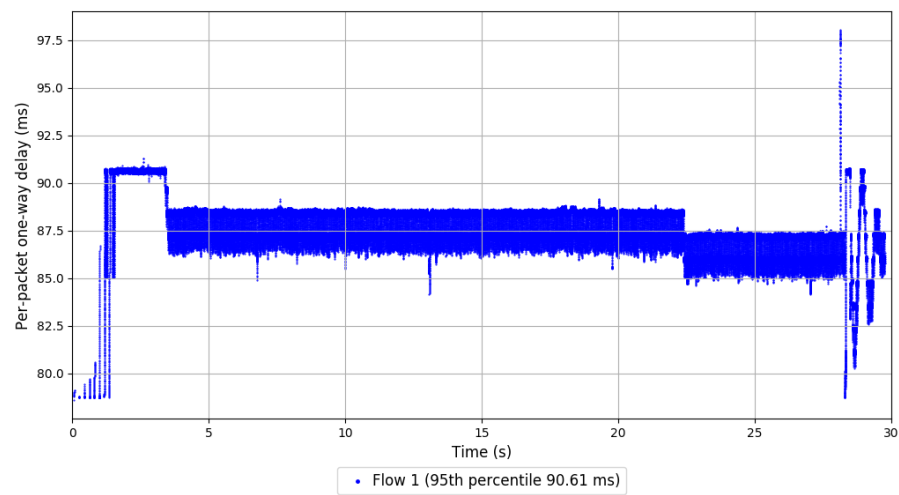
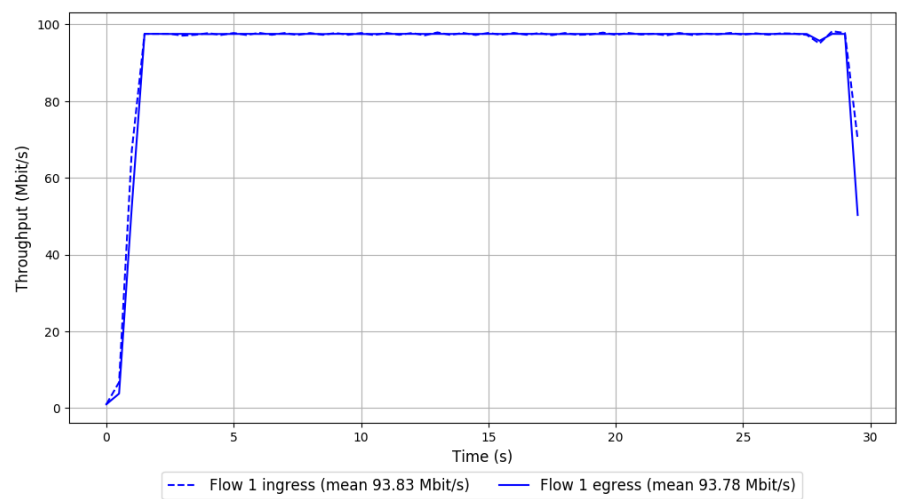


Run 10: Statistics of Indigo-1-32

Start at: 2018-03-20 14:20:00
End at: 2018-03-20 14:20:30
Local clock offset: -5.614 ms
Remote clock offset: 10.937 ms

Below is generated by plot.py at 2018-03-20 18:28:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.78 Mbit/s
95th percentile per-packet one-way delay: 90.610 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 93.78 Mbit/s
95th percentile per-packet one-way delay: 90.610 ms
Loss rate: 0.65%

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



Run 1: Statistics of Vivace-latency

Start at: 2018-03-20 10:46:26

End at: 2018-03-20 10:46:56

Local clock offset: -6.078 ms

Remote clock offset: 4.72 ms

Below is generated by plot.py at 2018-03-20 18:28:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 67.50 Mbit/s

95th percentile per-packet one-way delay: 84.174 ms

Loss rate: 1.87%

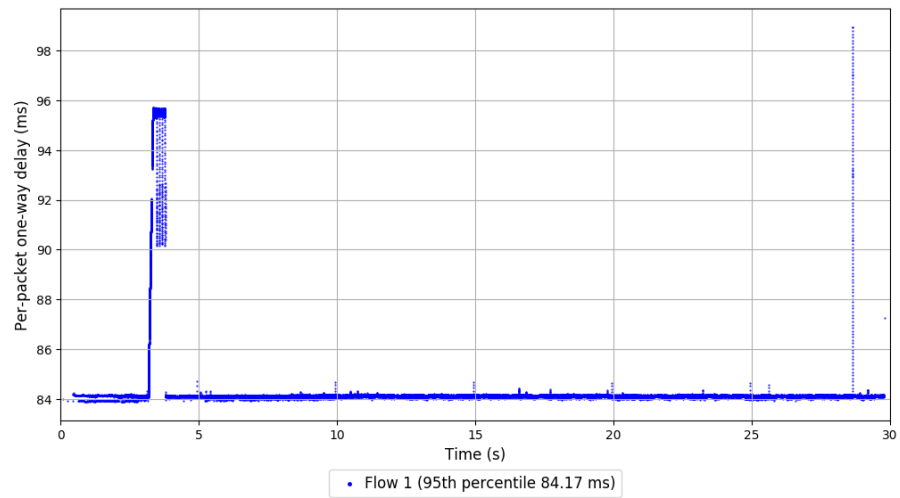
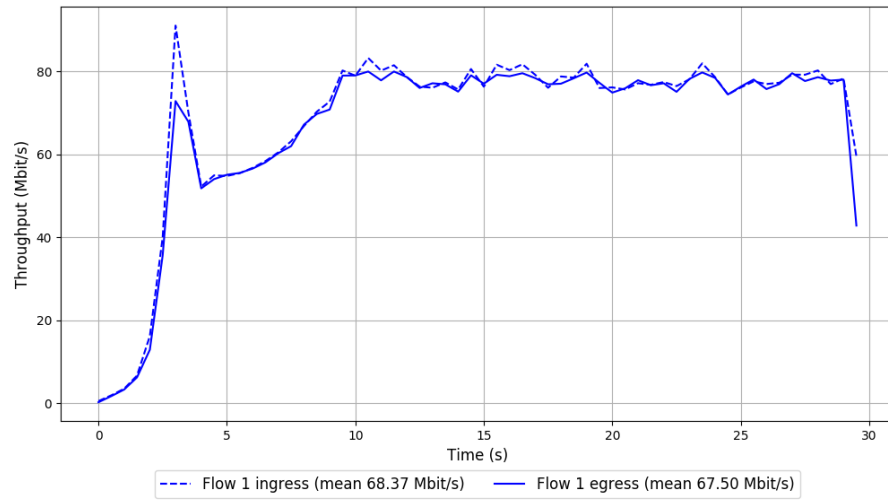
-- Flow 1:

Average throughput: 67.50 Mbit/s

95th percentile per-packet one-way delay: 84.174 ms

Loss rate: 1.87%

Run 1: Report of Vivace-latency — Data Link

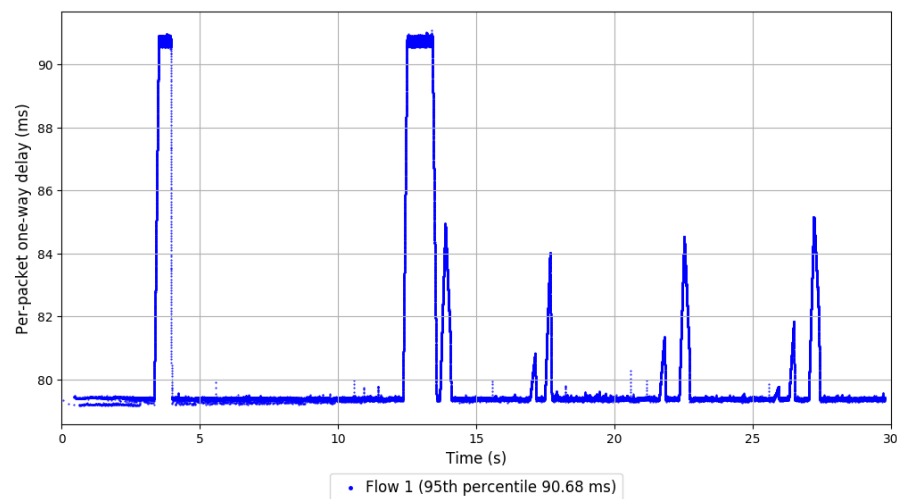
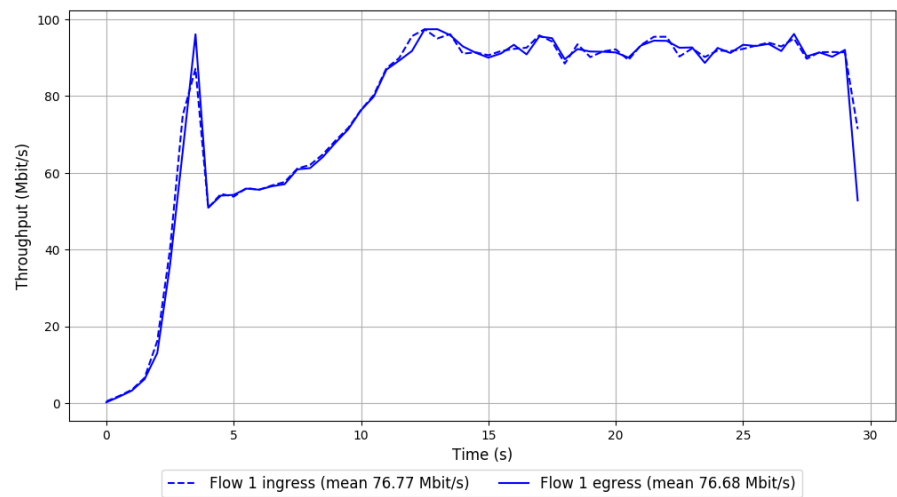


Run 2: Statistics of Vivace-latency

Start at: 2018-03-20 11:08:40
End at: 2018-03-20 11:09:10
Local clock offset: -6.129 ms
Remote clock offset: 9.104 ms

Below is generated by plot.py at 2018-03-20 18:28:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.68 Mbit/s
95th percentile per-packet one-way delay: 90.684 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 76.68 Mbit/s
95th percentile per-packet one-way delay: 90.684 ms
Loss rate: 0.72%

Run 2: Report of Vivace-latency — Data Link

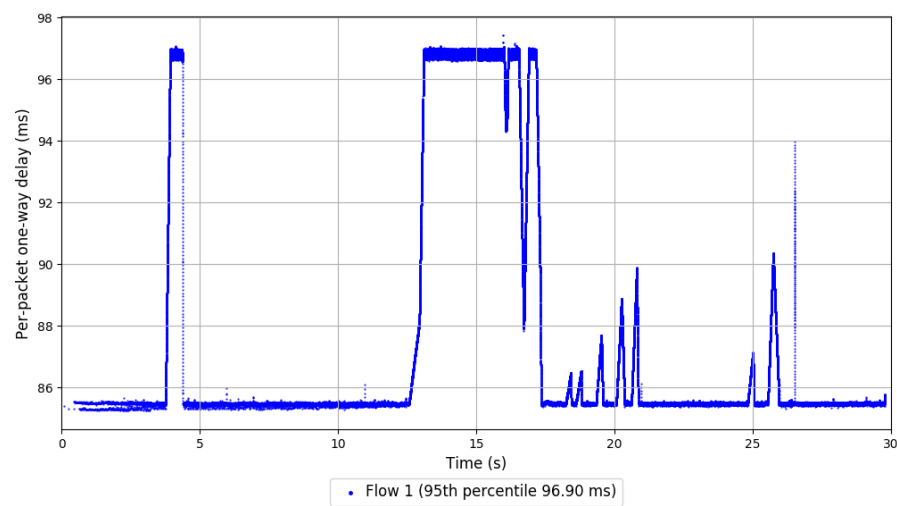
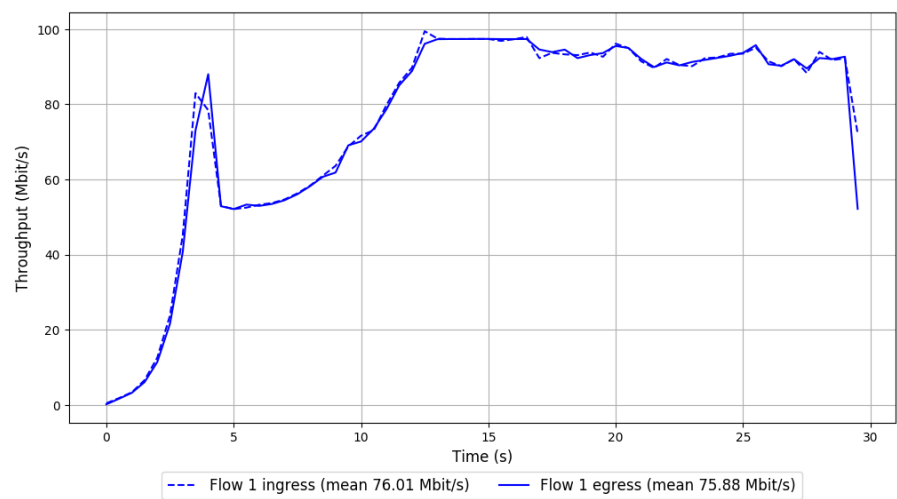


Run 3: Statistics of Vivace-latency

Start at: 2018-03-20 11:30:53
End at: 2018-03-20 11:31:23
Local clock offset: -6.457 ms
Remote clock offset: 4.137 ms

Below is generated by plot.py at 2018-03-20 18:29:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 75.88 Mbit/s
95th percentile per-packet one-way delay: 96.896 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 75.88 Mbit/s
95th percentile per-packet one-way delay: 96.896 ms
Loss rate: 0.79%

Run 3: Report of Vivace-latency — Data Link



Run 4: Statistics of Vivace-latency

Start at: 2018-03-20 11:53:06

End at: 2018-03-20 11:53:36

Local clock offset: -6.876 ms

Remote clock offset: 4.637 ms

Below is generated by plot.py at 2018-03-20 18:29:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 70.43 Mbit/s

95th percentile per-packet one-way delay: 87.173 ms

Loss rate: 1.48%

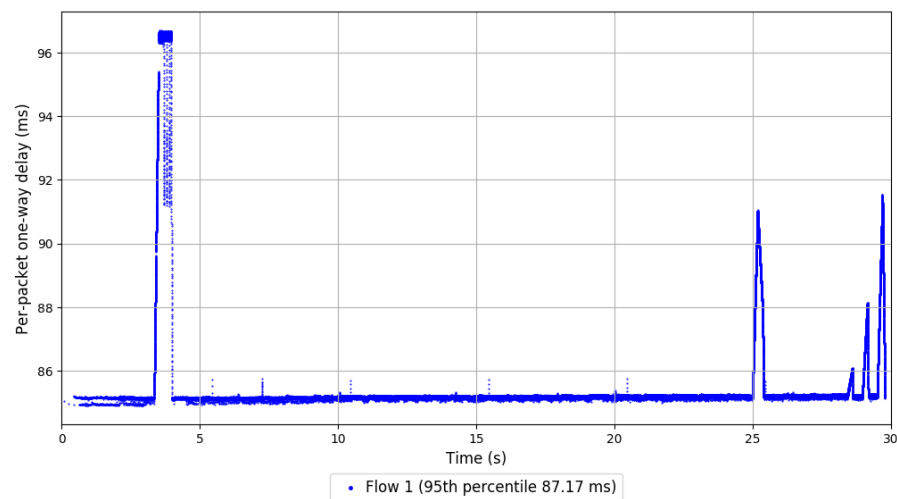
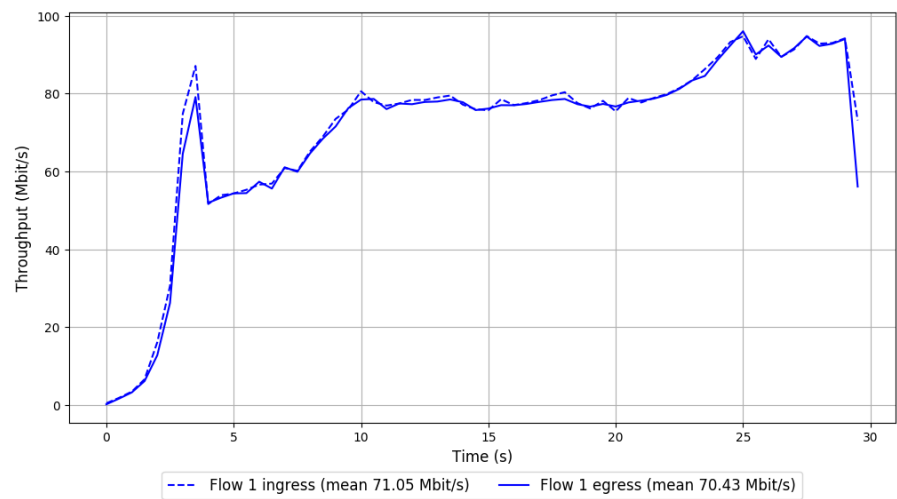
-- Flow 1:

Average throughput: 70.43 Mbit/s

95th percentile per-packet one-way delay: 87.173 ms

Loss rate: 1.48%

Run 4: Report of Vivace-latency — Data Link

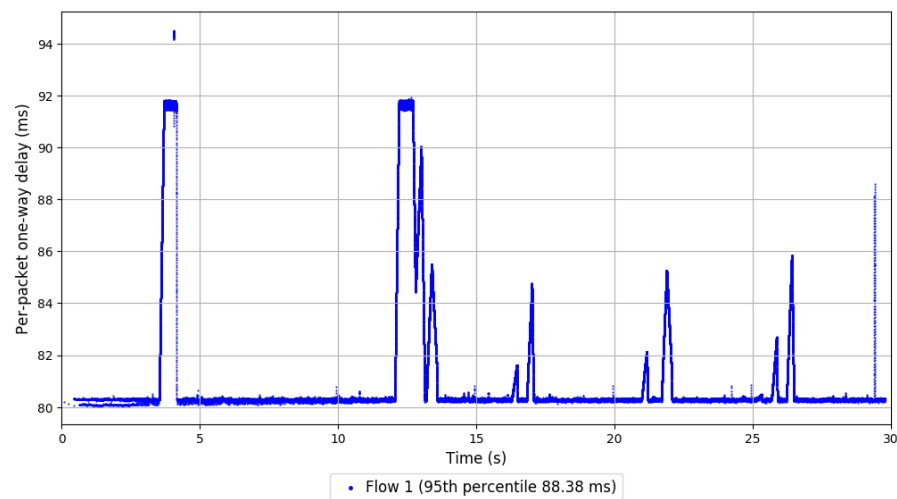
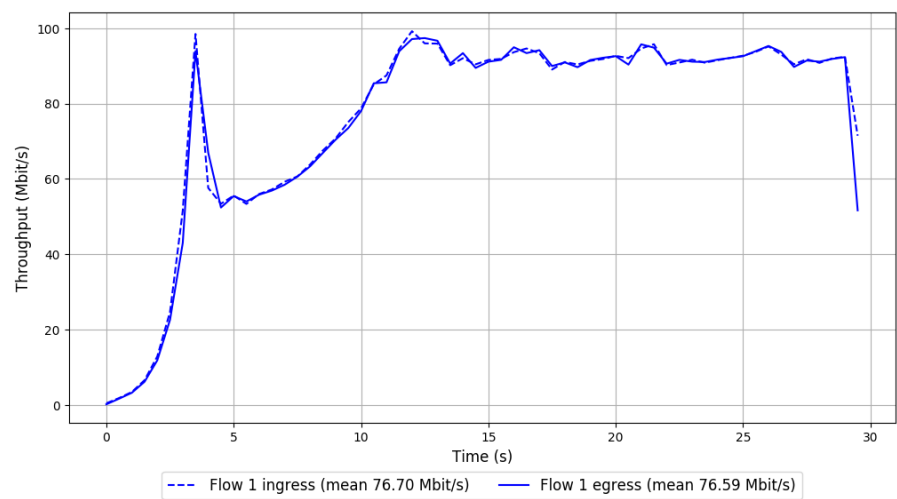


Run 5: Statistics of Vivace-latency

Start at: 2018-03-20 12:15:17
End at: 2018-03-20 12:15:47
Local clock offset: -6.911 ms
Remote clock offset: 10.486 ms

Below is generated by plot.py at 2018-03-20 18:29:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.59 Mbit/s
95th percentile per-packet one-way delay: 88.384 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 76.59 Mbit/s
95th percentile per-packet one-way delay: 88.384 ms
Loss rate: 0.76%

Run 5: Report of Vivace-latency — Data Link

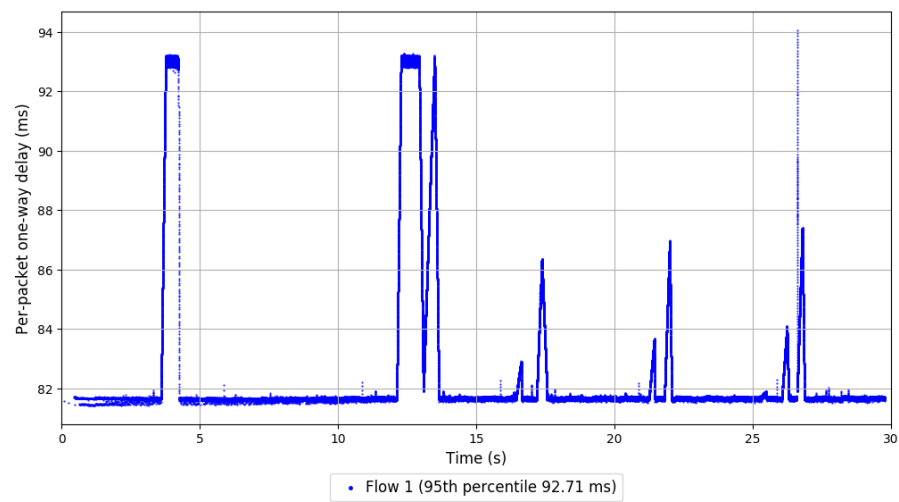
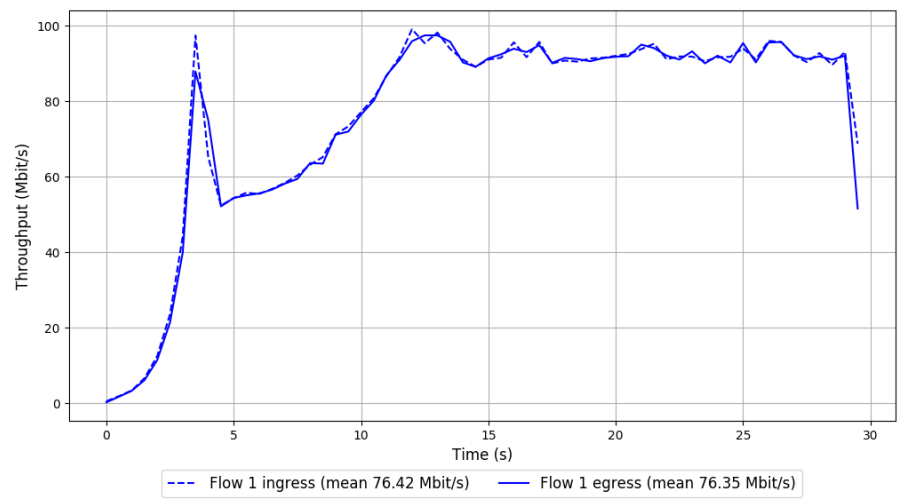


Run 6: Statistics of Vivace-latency

Start at: 2018-03-20 12:37:37
End at: 2018-03-20 12:38:07
Local clock offset: -6.826 ms
Remote clock offset: 10.111 ms

Below is generated by plot.py at 2018-03-20 18:29:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.35 Mbit/s
95th percentile per-packet one-way delay: 92.708 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 76.35 Mbit/s
95th percentile per-packet one-way delay: 92.708 ms
Loss rate: 0.71%

Run 6: Report of Vivace-latency — Data Link

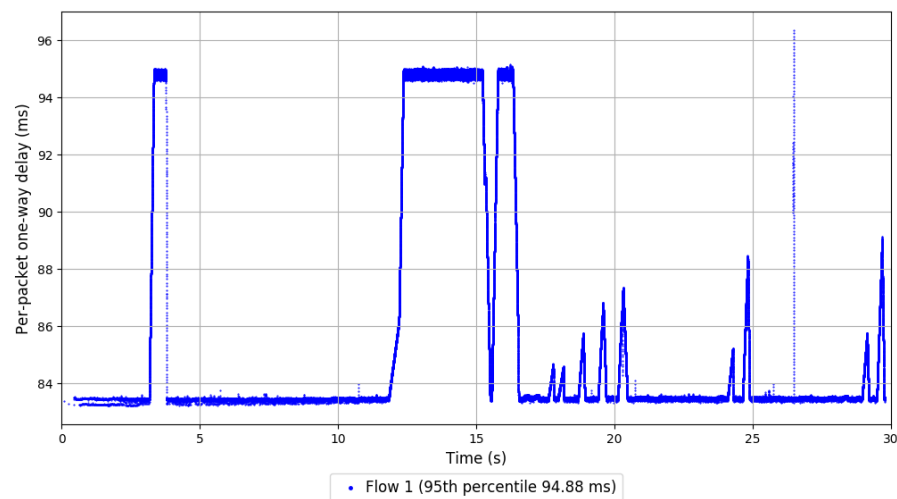
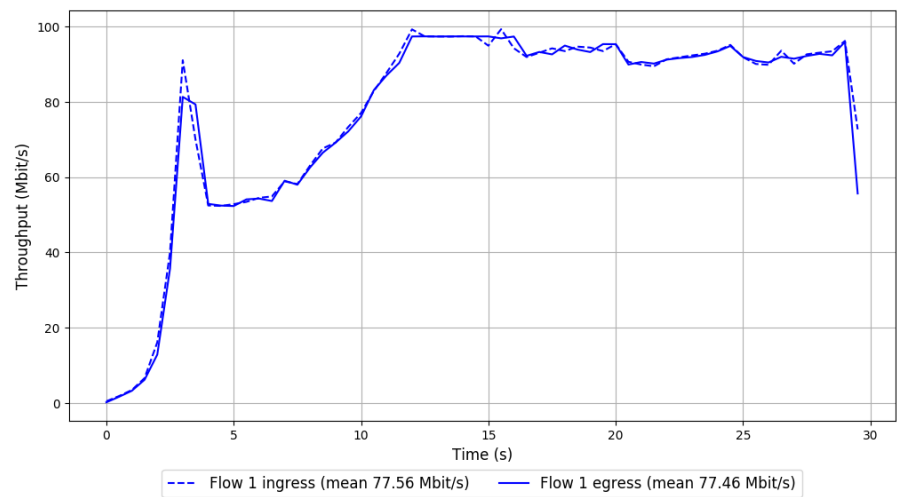


Run 7: Statistics of Vivace-latency

Start at: 2018-03-20 12:59:48
End at: 2018-03-20 13:00:18
Local clock offset: -6.618 ms
Remote clock offset: 5.537 ms

Below is generated by plot.py at 2018-03-20 18:29:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.46 Mbit/s
95th percentile per-packet one-way delay: 94.881 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 77.46 Mbit/s
95th percentile per-packet one-way delay: 94.881 ms
Loss rate: 0.73%

Run 7: Report of Vivace-latency — Data Link



Run 8: Statistics of Vivace-latency

Start at: 2018-03-20 13:22:01

End at: 2018-03-20 13:22:31

Local clock offset: -6.967 ms

Remote clock offset: 9.527 ms

Below is generated by plot.py at 2018-03-20 18:29:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 76.67 Mbit/s

95th percentile per-packet one-way delay: 92.426 ms

Loss rate: 0.79%

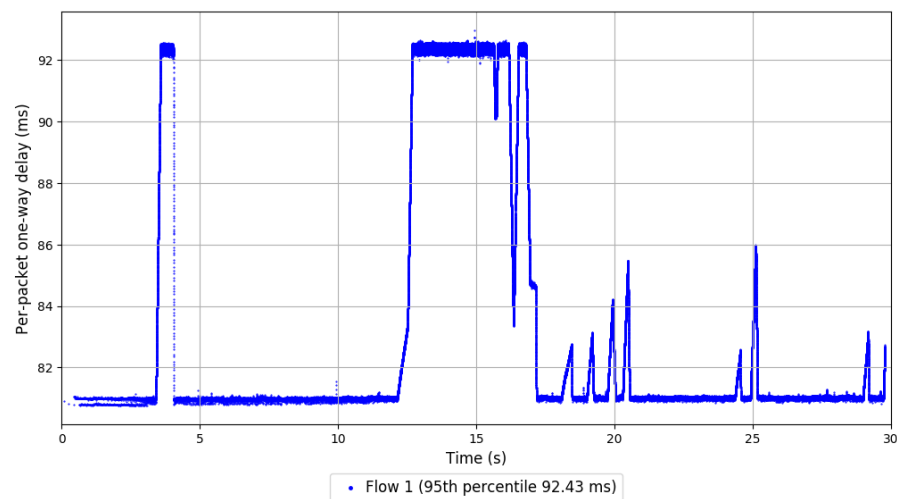
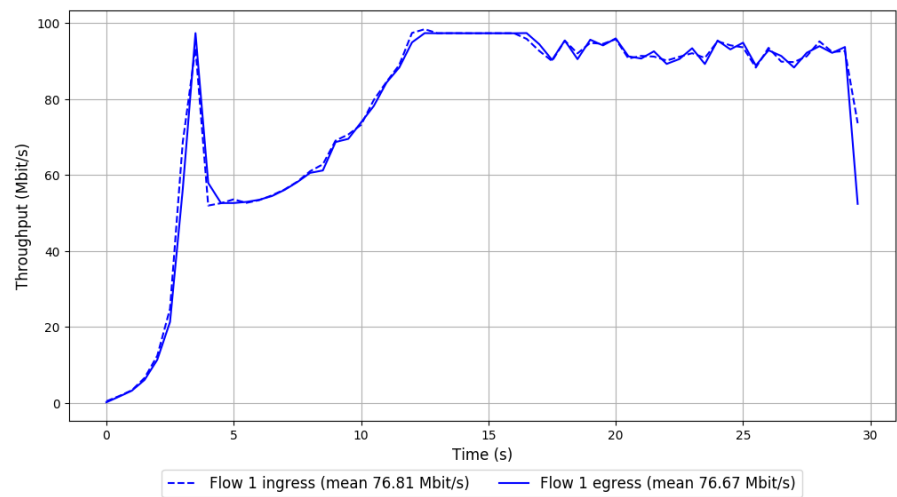
-- Flow 1:

Average throughput: 76.67 Mbit/s

95th percentile per-packet one-way delay: 92.426 ms

Loss rate: 0.79%

Run 8: Report of Vivace-latency — Data Link



Run 9: Statistics of Vivace-latency

Start at: 2018-03-20 13:44:13

End at: 2018-03-20 13:44:44

Local clock offset: -6.782 ms

Remote clock offset: 9.815 ms

Below is generated by plot.py at 2018-03-20 18:29:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.82 Mbit/s

95th percentile per-packet one-way delay: 91.864 ms

Loss rate: 0.75%

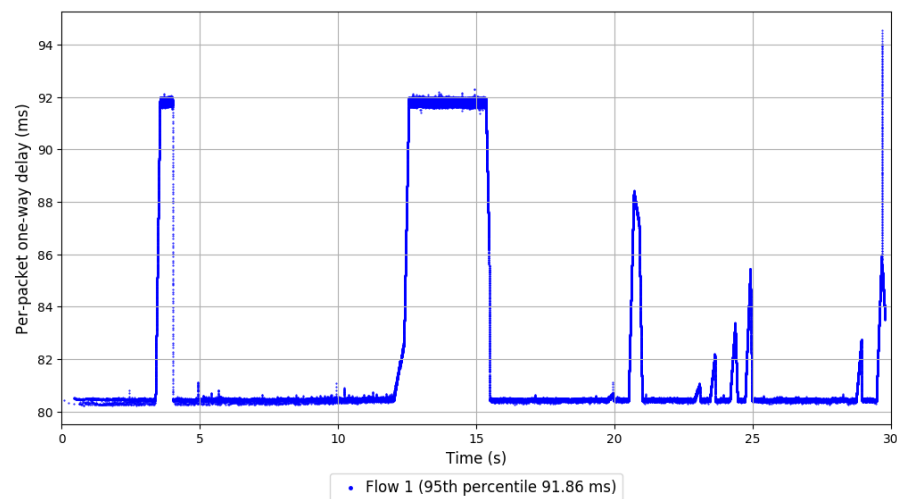
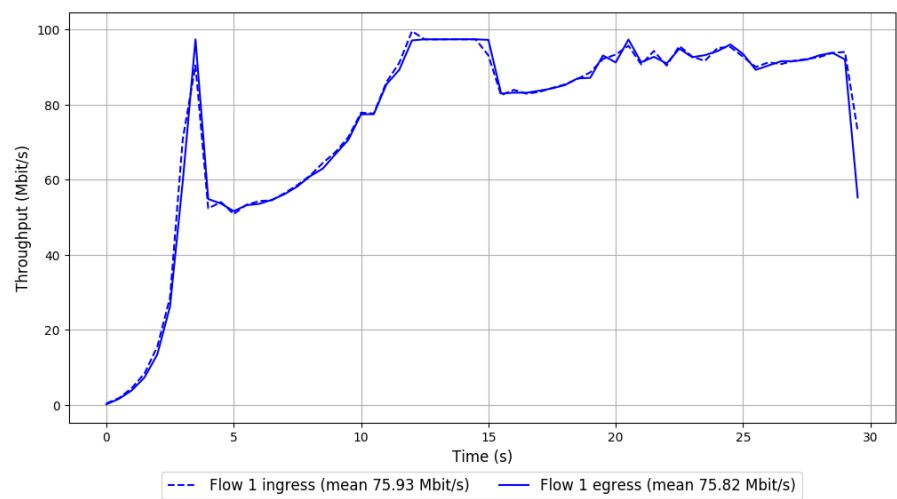
-- Flow 1:

Average throughput: 75.82 Mbit/s

95th percentile per-packet one-way delay: 91.864 ms

Loss rate: 0.75%

Run 9: Report of Vivace-latency — Data Link

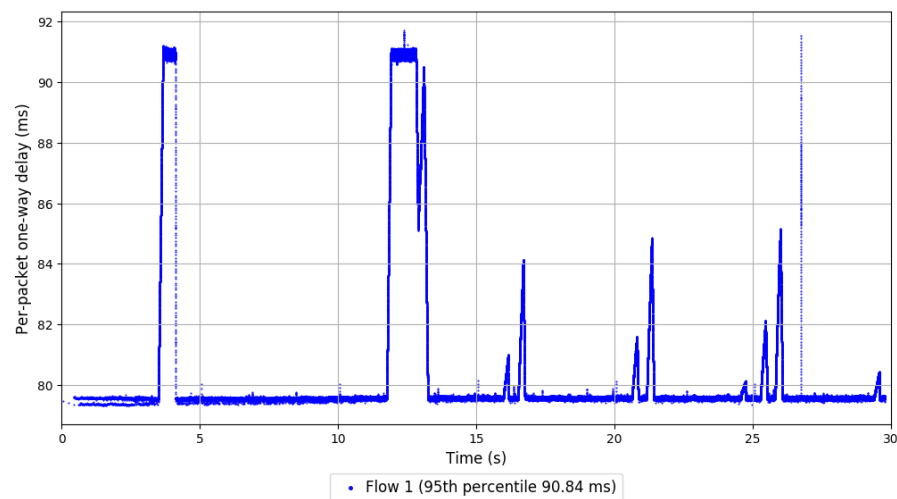
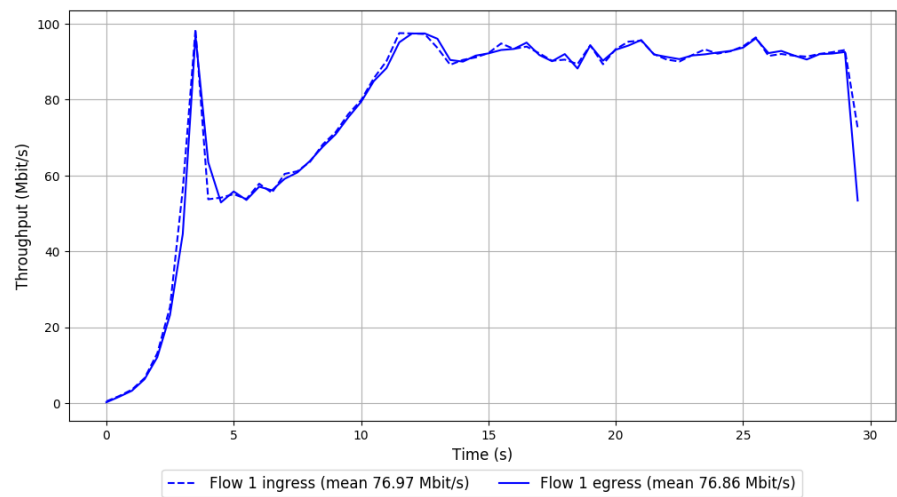


Run 10: Statistics of Vivace-latency

Start at: 2018-03-20 14:06:24
End at: 2018-03-20 14:06:54
Local clock offset: -5.786 ms
Remote clock offset: 11.669 ms

Below is generated by plot.py at 2018-03-20 18:29:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.86 Mbit/s
95th percentile per-packet one-way delay: 90.840 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 76.86 Mbit/s
95th percentile per-packet one-way delay: 90.840 ms
Loss rate: 0.75%

Run 10: Report of Vivace-latency — Data Link

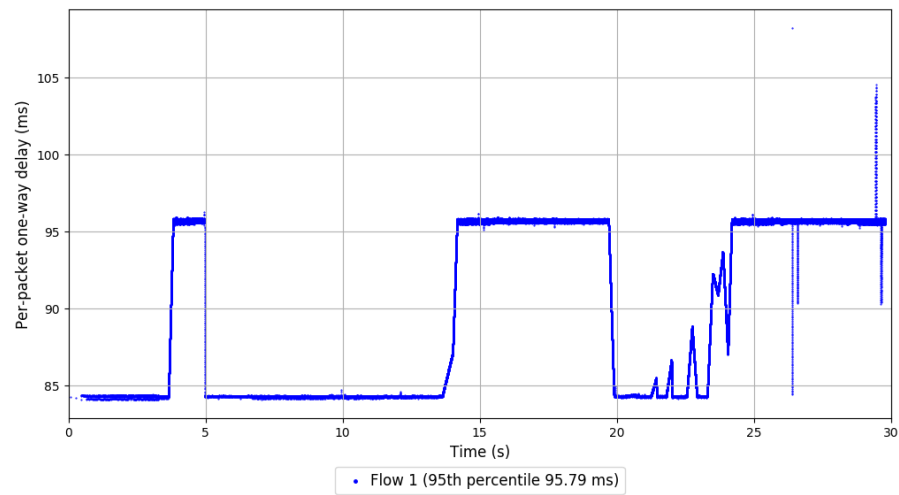
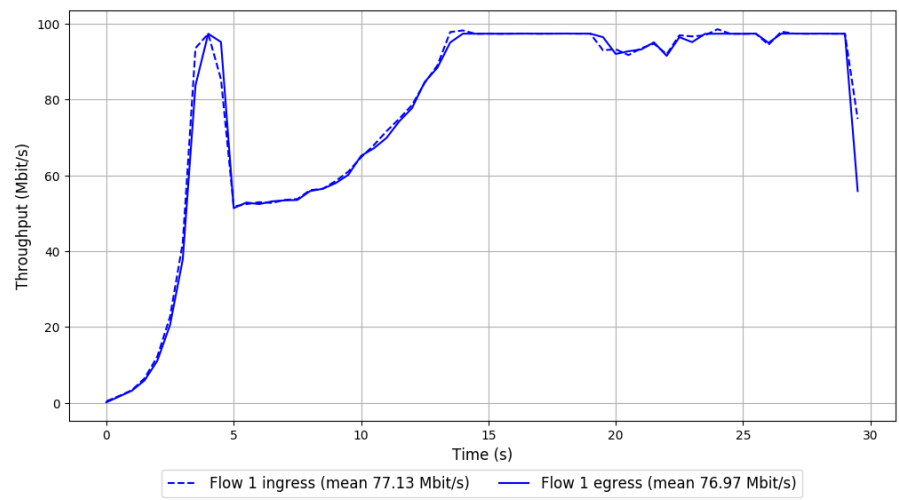


```
Run 1: Statistics of Vivace-loss

Start at: 2018-03-20 11:02:33
End at: 2018-03-20 11:03:03
Local clock offset: -6.075 ms
Remote clock offset: 4.427 ms

# Below is generated by plot.py at 2018-03-20 18:30:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.97 Mbit/s
95th percentile per-packet one-way delay: 95.794 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 76.97 Mbit/s
95th percentile per-packet one-way delay: 95.794 ms
Loss rate: 0.82%
```

Run 1: Report of Vivace-loss — Data Link



Run 2: Statistics of Vivace-loss

Start at: 2018-03-20 11:24:48

End at: 2018-03-20 11:25:18

Local clock offset: -6.062 ms

Remote clock offset: 8.234 ms

Below is generated by plot.py at 2018-03-20 18:30:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 66.00 Mbit/s

95th percentile per-packet one-way delay: 80.071 ms

Loss rate: 1.94%

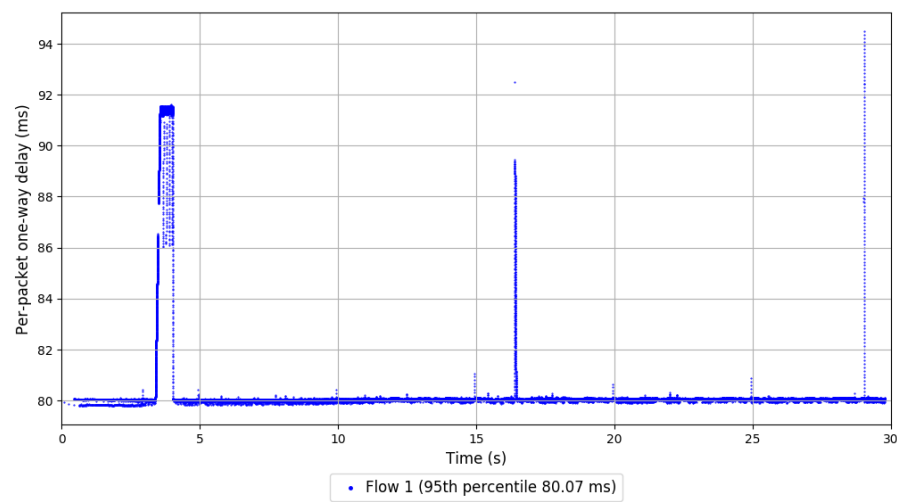
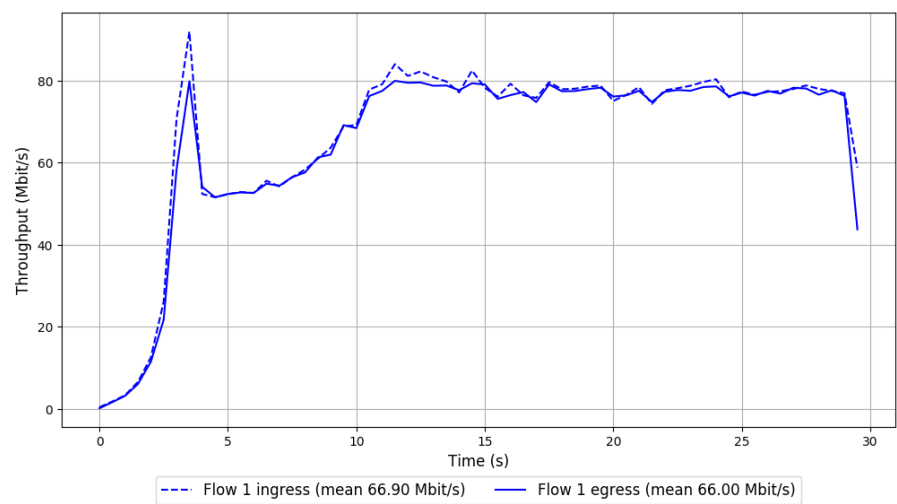
-- Flow 1:

Average throughput: 66.00 Mbit/s

95th percentile per-packet one-way delay: 80.071 ms

Loss rate: 1.94%

Run 2: Report of Vivace-loss — Data Link



Run 3: Statistics of Vivace-loss

Start at: 2018-03-20 11:47:02

End at: 2018-03-20 11:47:32

Local clock offset: -6.781 ms

Remote clock offset: 9.436 ms

Below is generated by plot.py at 2018-03-20 18:30:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 66.57 Mbit/s

95th percentile per-packet one-way delay: 77.966 ms

Loss rate: 1.79%

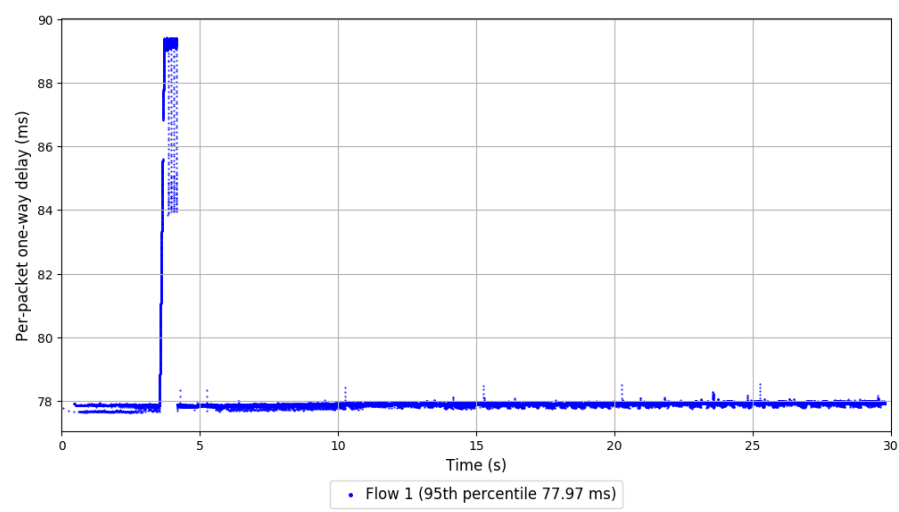
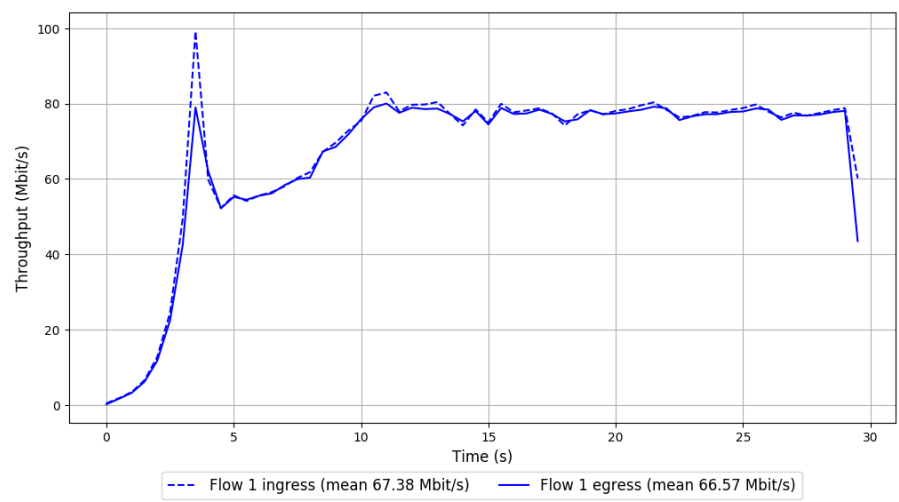
-- Flow 1:

Average throughput: 66.57 Mbit/s

95th percentile per-packet one-way delay: 77.966 ms

Loss rate: 1.79%

Run 3: Report of Vivace-loss — Data Link

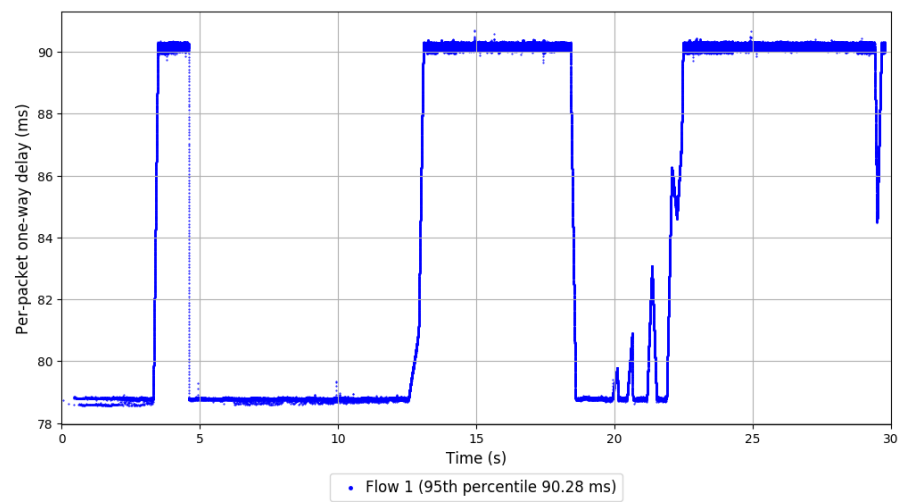
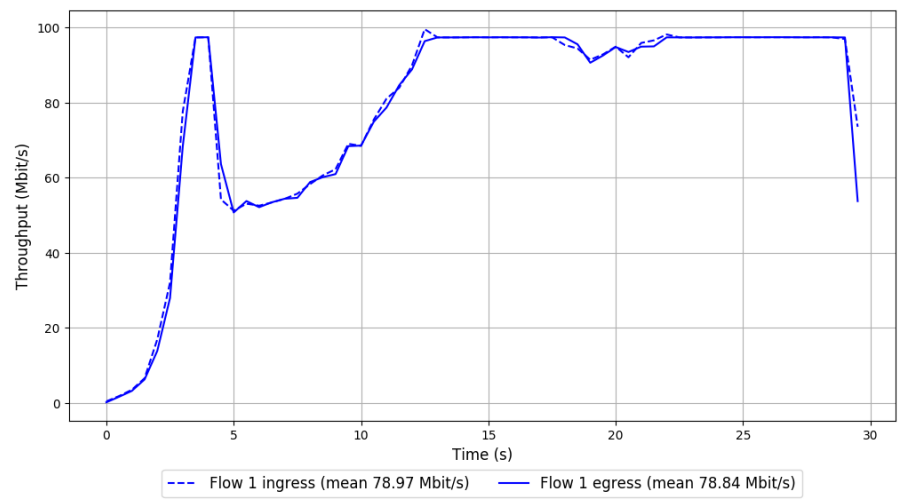


Run 4: Statistics of Vivace-loss

Start at: 2018-03-20 12:09:13
End at: 2018-03-20 12:09:43
Local clock offset: -6.849 ms
Remote clock offset: 10.163 ms

Below is generated by plot.py at 2018-03-20 18:30:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.84 Mbit/s
95th percentile per-packet one-way delay: 90.278 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 78.84 Mbit/s
95th percentile per-packet one-way delay: 90.278 ms
Loss rate: 0.79%

Run 4: Report of Vivace-loss — Data Link



Run 5: Statistics of Vivace-loss

Start at: 2018-03-20 12:31:32

End at: 2018-03-20 12:32:02

Local clock offset: -6.933 ms

Remote clock offset: 5.318 ms

Below is generated by plot.py at 2018-03-20 18:30:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.48 Mbit/s

95th percentile per-packet one-way delay: 96.440 ms

Loss rate: 0.81%

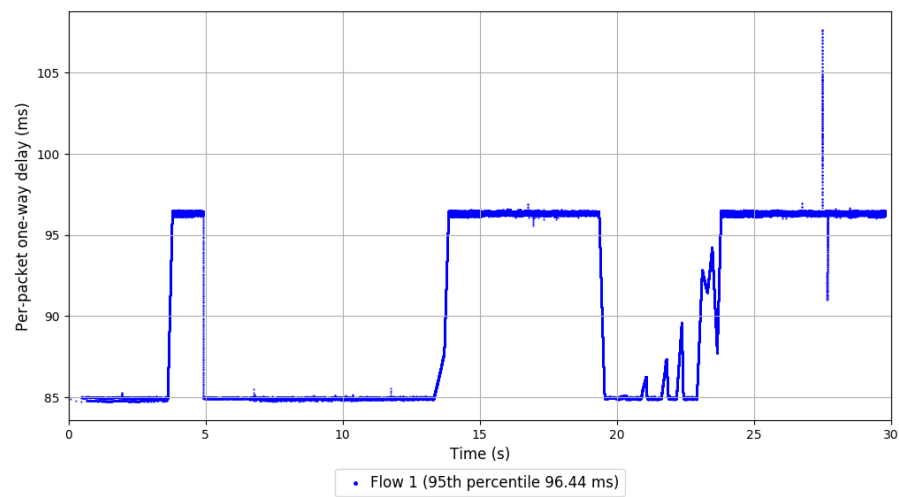
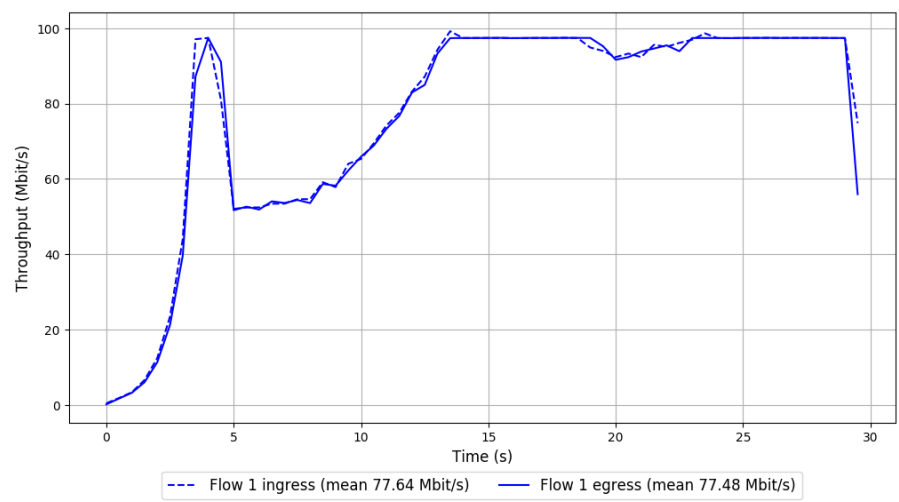
-- Flow 1:

Average throughput: 77.48 Mbit/s

95th percentile per-packet one-way delay: 96.440 ms

Loss rate: 0.81%

Run 5: Report of Vivace-loss — Data Link



Run 6: Statistics of Vivace-loss

Start at: 2018-03-20 12:53:44

End at: 2018-03-20 12:54:14

Local clock offset: -6.686 ms

Remote clock offset: 5.447 ms

Below is generated by plot.py at 2018-03-20 18:30:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 69.45 Mbit/s

95th percentile per-packet one-way delay: 96.108 ms

Loss rate: 1.88%

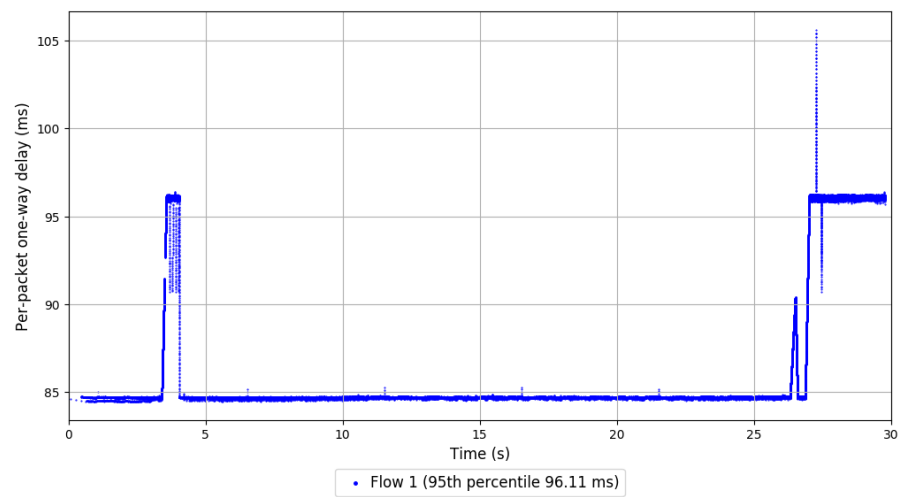
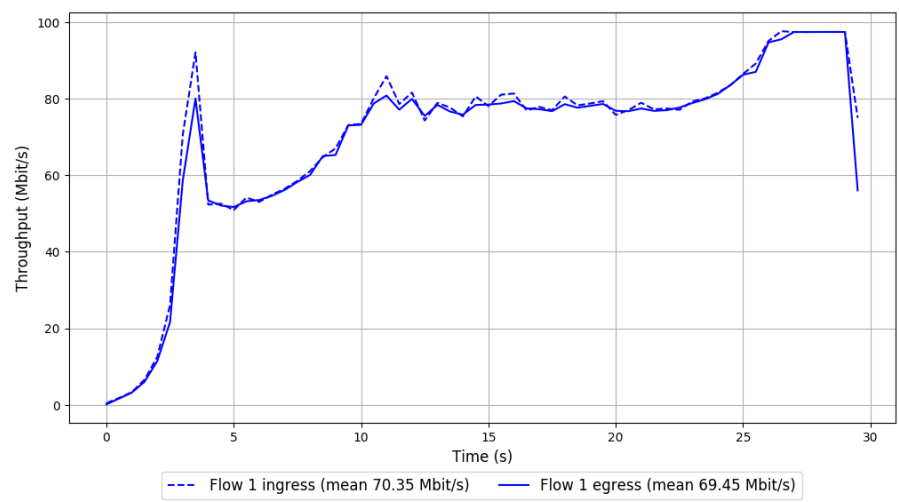
-- Flow 1:

Average throughput: 69.45 Mbit/s

95th percentile per-packet one-way delay: 96.108 ms

Loss rate: 1.88%

Run 6: Report of Vivace-loss — Data Link



Run 7: Statistics of Vivace-loss

Start at: 2018-03-20 13:15:57

End at: 2018-03-20 13:16:28

Local clock offset: -6.849 ms

Remote clock offset: 5.753 ms

Below is generated by plot.py at 2018-03-20 18:31:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.34 Mbit/s

95th percentile per-packet one-way delay: 96.186 ms

Loss rate: 0.81%

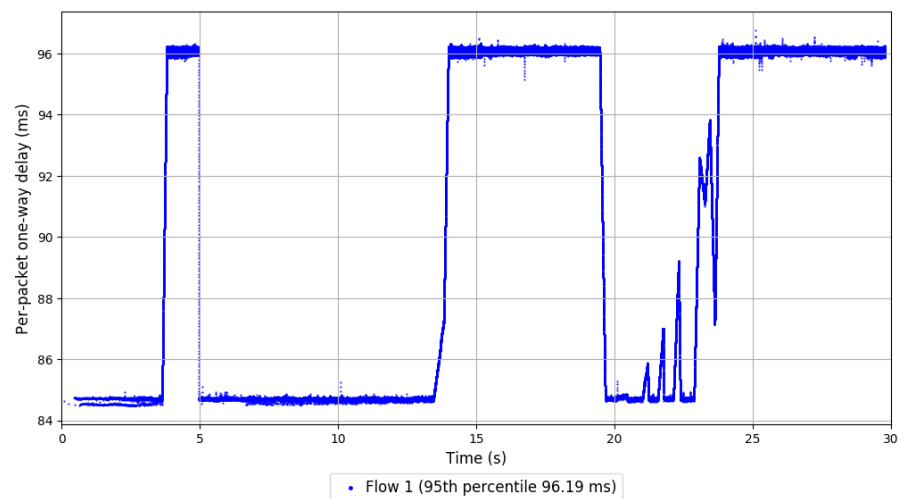
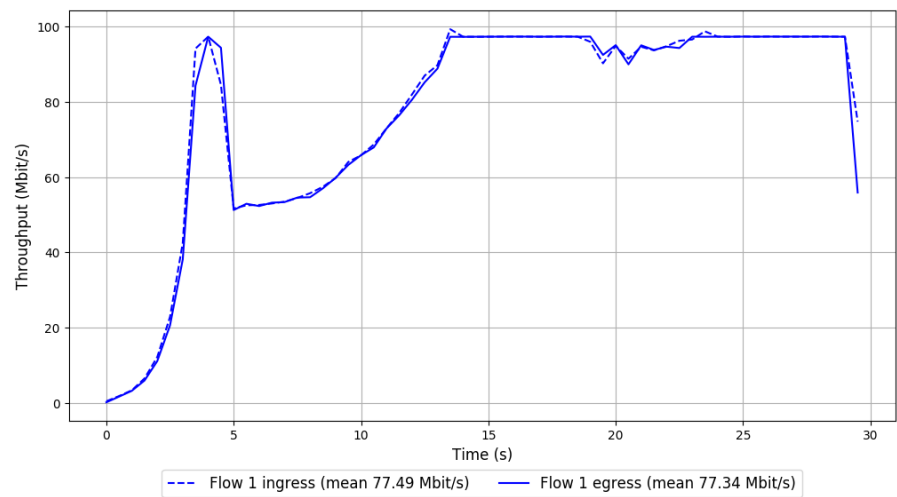
-- Flow 1:

Average throughput: 77.34 Mbit/s

95th percentile per-packet one-way delay: 96.186 ms

Loss rate: 0.81%

Run 7: Report of Vivace-loss — Data Link



Run 8: Statistics of Vivace-loss

Start at: 2018-03-20 13:38:08

End at: 2018-03-20 13:38:38

Local clock offset: -7.118 ms

Remote clock offset: 9.74 ms

Below is generated by plot.py at 2018-03-20 18:31:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.90 Mbit/s

95th percentile per-packet one-way delay: 92.398 ms

Loss rate: 0.76%

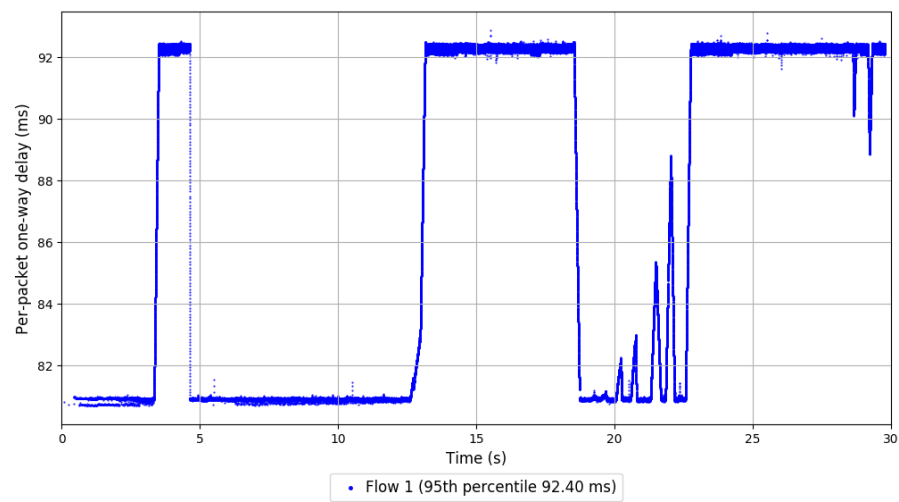
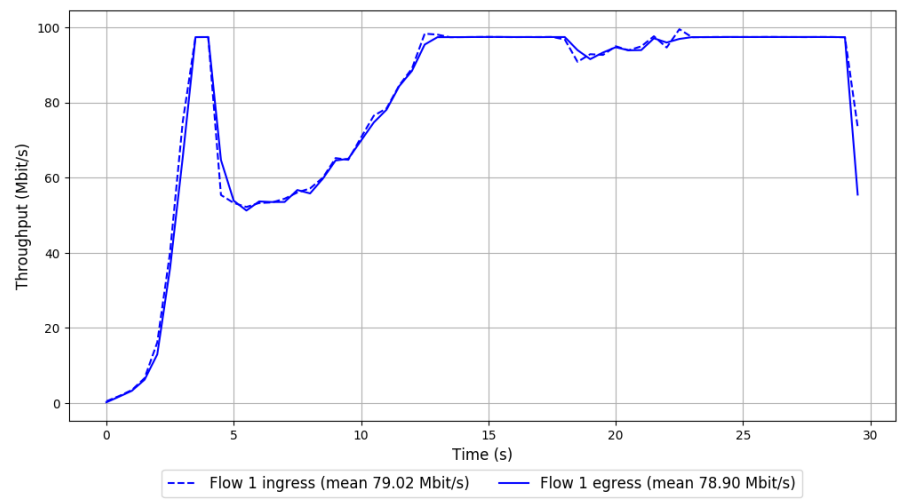
-- Flow 1:

Average throughput: 78.90 Mbit/s

95th percentile per-packet one-way delay: 92.398 ms

Loss rate: 0.76%

Run 8: Report of Vivace-loss — Data Link

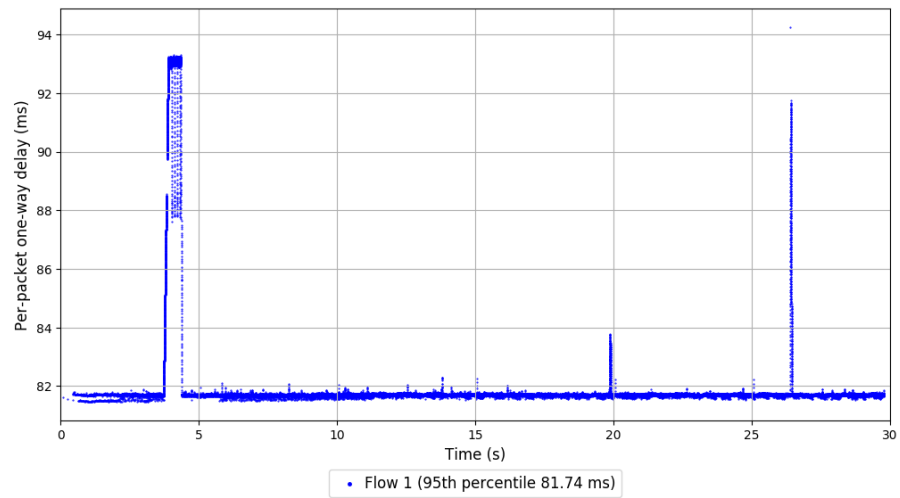
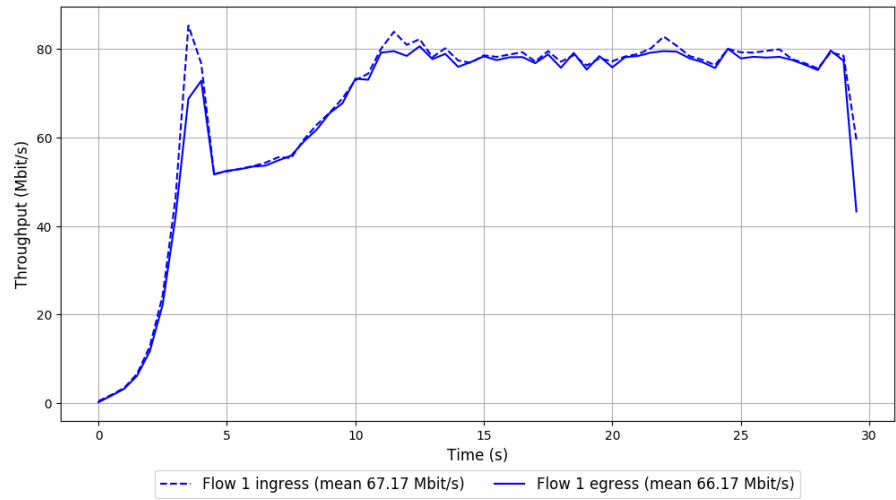


Run 9: Statistics of Vivace-loss

Start at: 2018-03-20 14:00:20
End at: 2018-03-20 14:00:50
Local clock offset: -5.875 ms
Remote clock offset: 10.819 ms

Below is generated by plot.py at 2018-03-20 18:31:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 66.17 Mbit/s
95th percentile per-packet one-way delay: 81.744 ms
Loss rate: 2.09%
-- Flow 1:
Average throughput: 66.17 Mbit/s
95th percentile per-packet one-way delay: 81.744 ms
Loss rate: 2.09%

Run 9: Report of Vivace-loss — Data Link

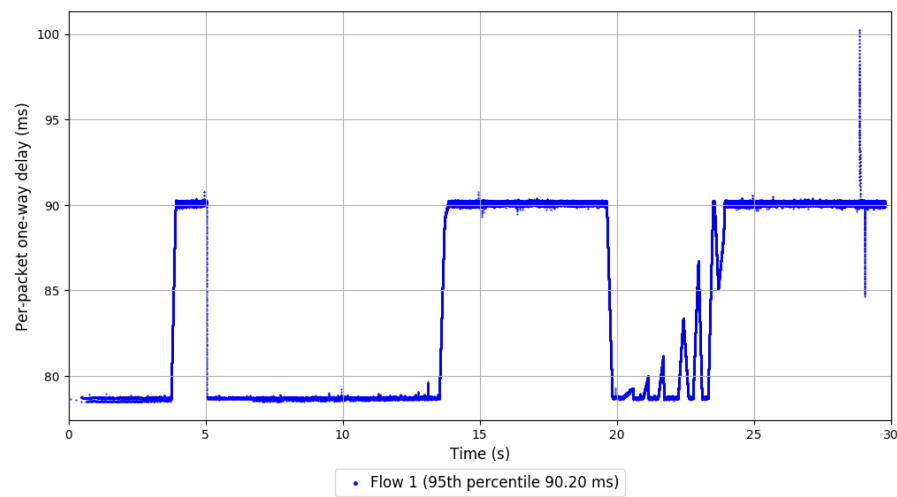
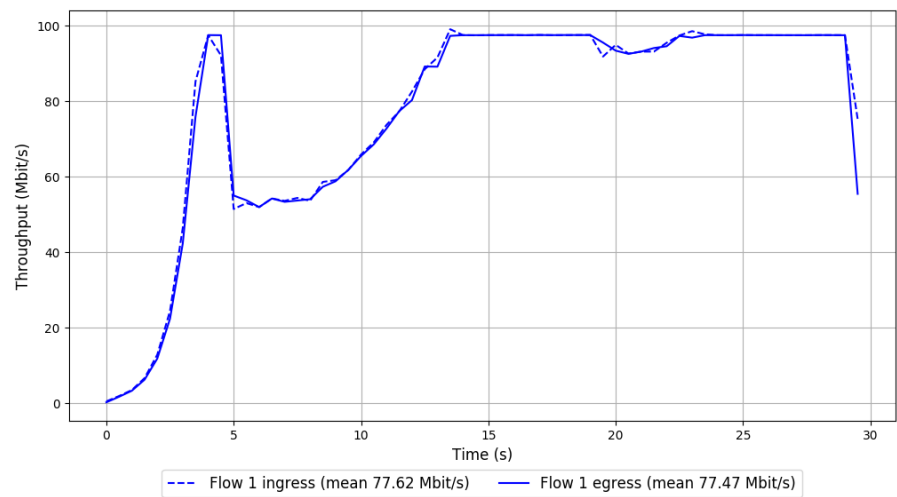


Run 10: Statistics of Vivace-loss

Start at: 2018-03-20 14:22:33
End at: 2018-03-20 14:23:03
Local clock offset: -5.575 ms
Remote clock offset: 10.958 ms

Below is generated by plot.py at 2018-03-20 18:31:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.47 Mbit/s
95th percentile per-packet one-way delay: 90.199 ms
Loss rate: 0.80%
-- Flow 1:
Average throughput: 77.47 Mbit/s
95th percentile per-packet one-way delay: 90.199 ms
Loss rate: 0.80%

Run 10: Report of Vivace-loss — Data Link



Run 1: Statistics of Vivace-LTE

Start at: 2018-03-20 10:51:21

End at: 2018-03-20 10:51:51

Local clock offset: -6.099 ms

Remote clock offset: 8.524 ms

Below is generated by plot.py at 2018-03-20 18:31:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.32 Mbit/s

95th percentile per-packet one-way delay: 90.155 ms

Loss rate: 0.76%

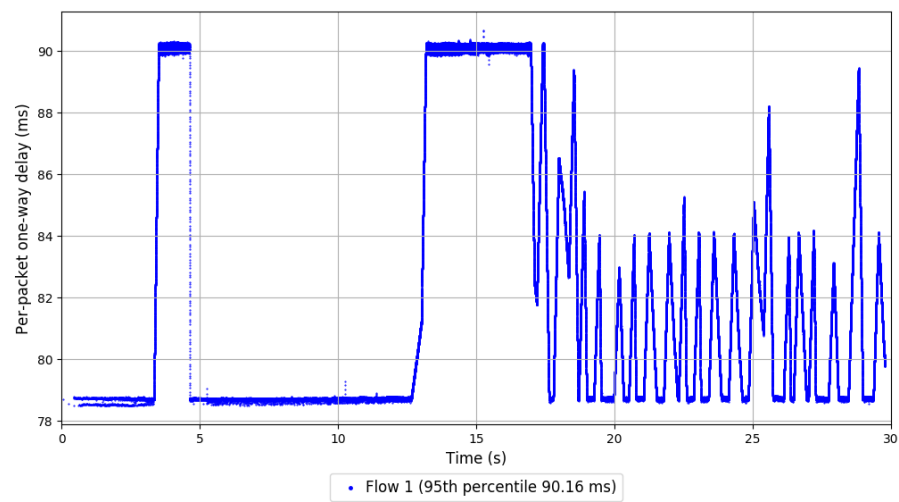
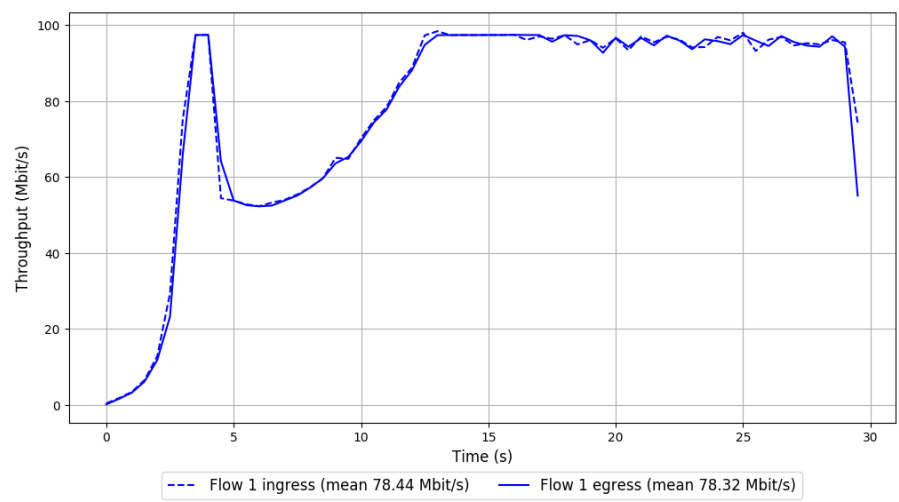
-- Flow 1:

Average throughput: 78.32 Mbit/s

95th percentile per-packet one-way delay: 90.155 ms

Loss rate: 0.76%

Run 1: Report of Vivace-LTE — Data Link



Run 2: Statistics of Vivace-LTE

Start at: 2018-03-20 11:13:35

End at: 2018-03-20 11:14:05

Local clock offset: -6.069 ms

Remote clock offset: 9.075 ms

Below is generated by plot.py at 2018-03-20 18:31:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.68 Mbit/s

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

Loss rate: 0.76%

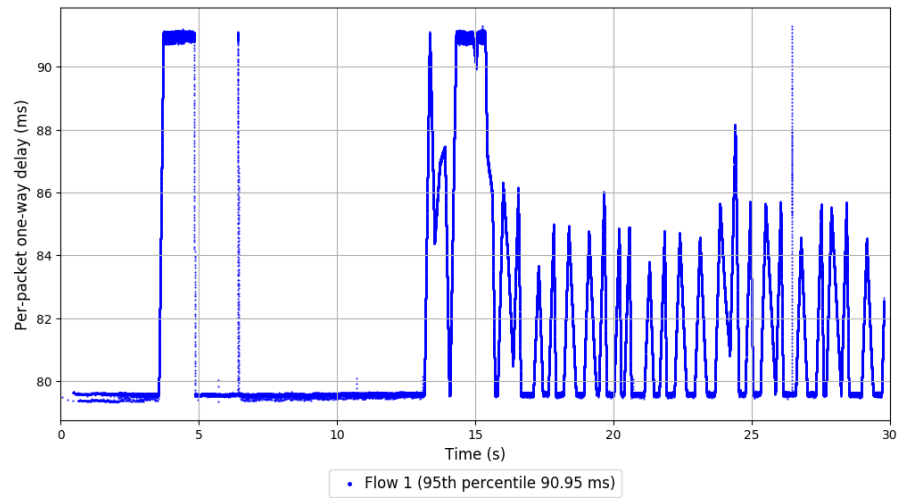
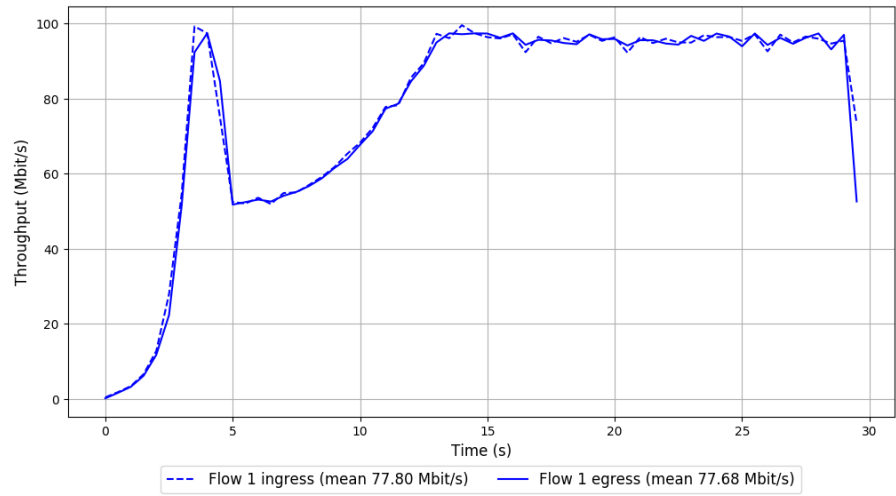
-- Flow 1:

Average throughput: 77.68 Mbit/s

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

Loss rate: 0.76%

Run 2: Report of Vivace-LTE — Data Link



Run 3: Statistics of Vivace-LTE

Start at: 2018-03-20 11:35:49

End at: 2018-03-20 11:36:19

Local clock offset: -6.575 ms

Remote clock offset: 4.162 ms

Below is generated by plot.py at 2018-03-20 18:32:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 76.87 Mbit/s

95th percentile per-packet one-way delay: 95.423 ms

Loss rate: 0.74%

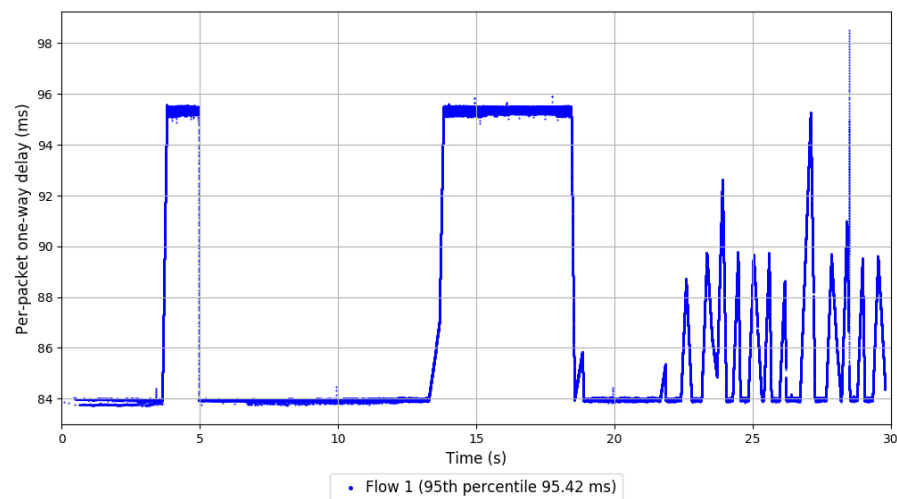
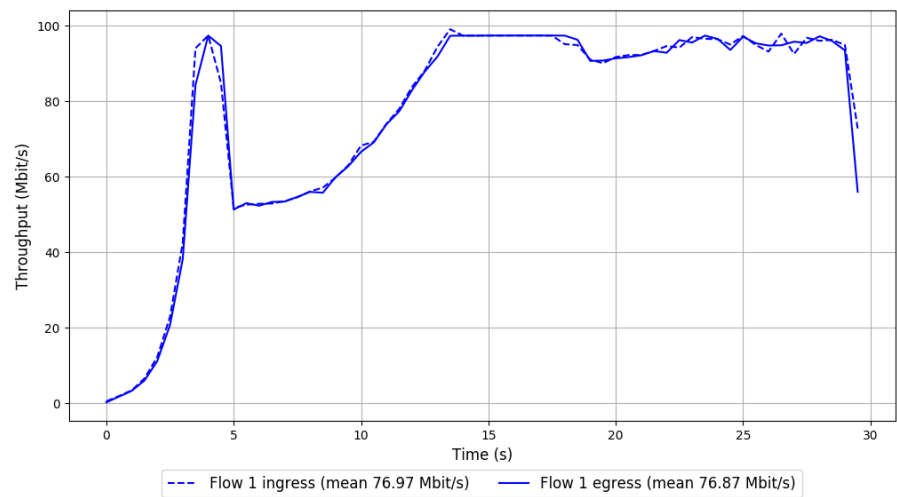
-- Flow 1:

Average throughput: 76.87 Mbit/s

95th percentile per-packet one-way delay: 95.423 ms

Loss rate: 0.74%

Run 3: Report of Vivace-LTE — Data Link

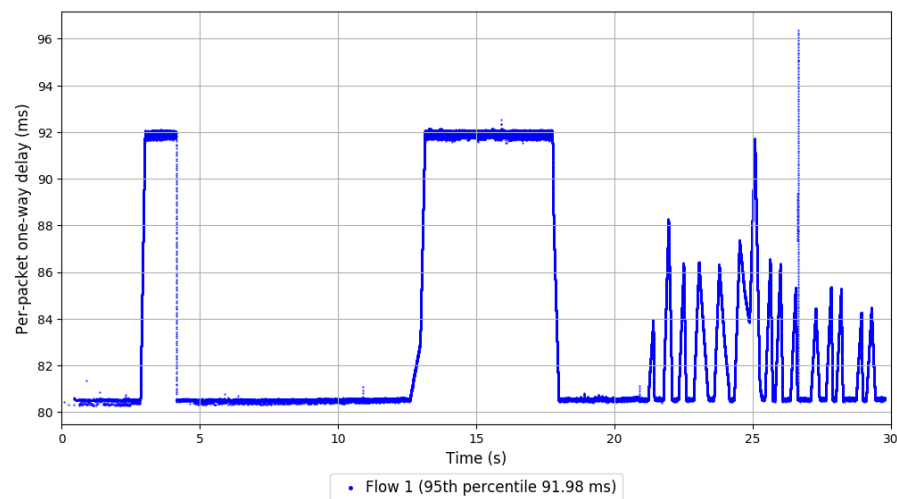
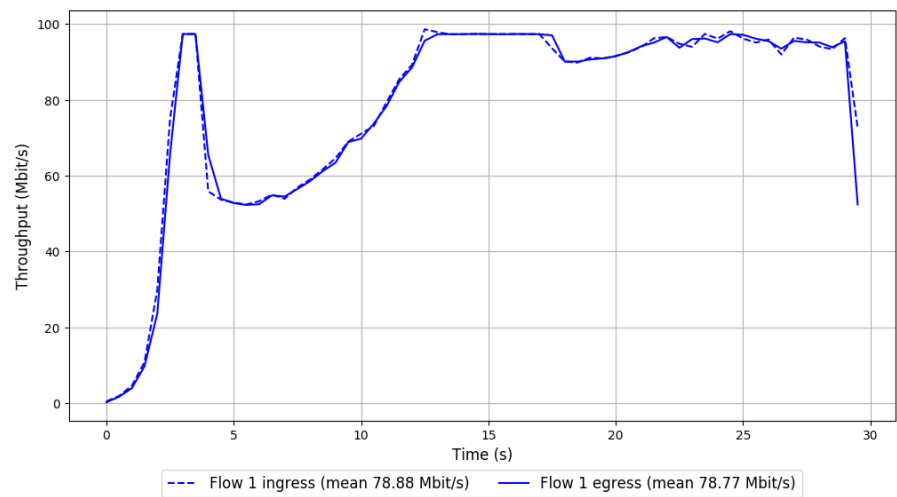


Run 4: Statistics of Vivace-LTE

Start at: 2018-03-20 11:58:01
End at: 2018-03-20 11:58:31
Local clock offset: -6.914 ms
Remote clock offset: 10.564 ms

Below is generated by plot.py at 2018-03-20 18:32:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.77 Mbit/s
95th percentile per-packet one-way delay: 91.985 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 78.77 Mbit/s
95th percentile per-packet one-way delay: 91.985 ms
Loss rate: 0.75%

Run 4: Report of Vivace-LTE — Data Link



Run 5: Statistics of Vivace-LTE

Start at: 2018-03-20 12:20:12

End at: 2018-03-20 12:20:42

Local clock offset: -6.929 ms

Remote clock offset: 6.498 ms

Below is generated by plot.py at 2018-03-20 18:32:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 76.89 Mbit/s

95th percentile per-packet one-way delay: 95.483 ms

Loss rate: 0.78%

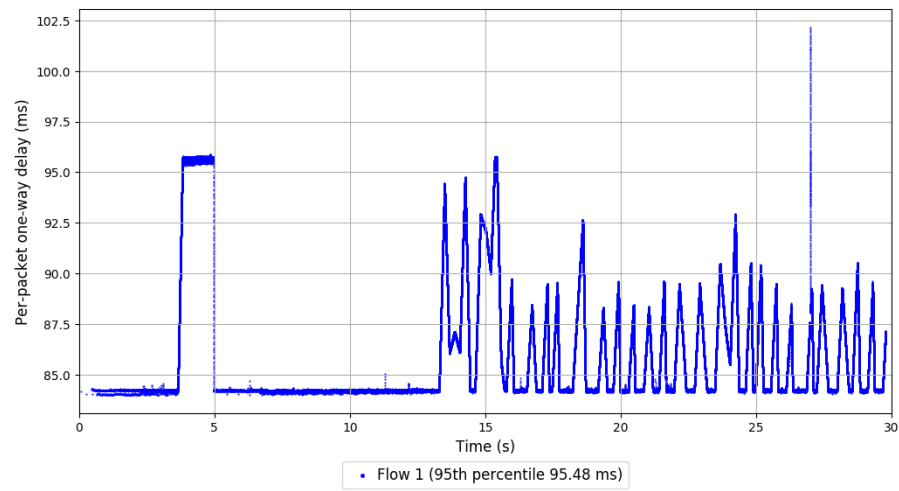
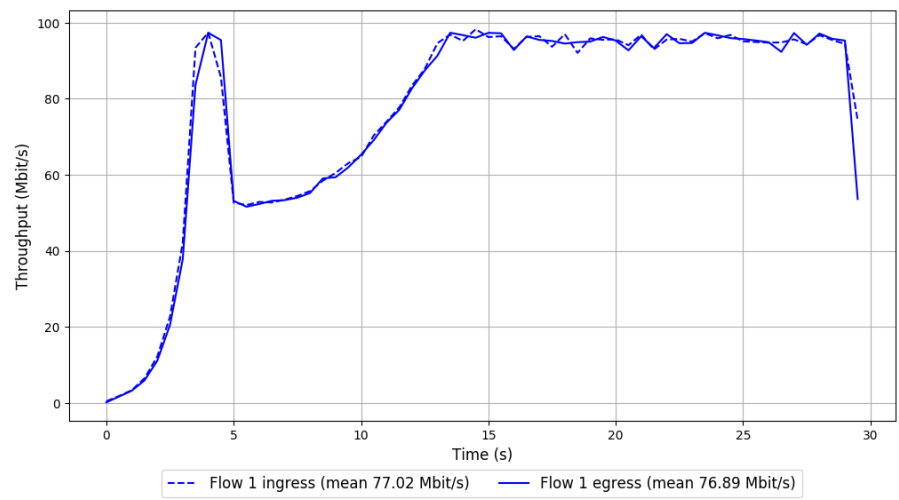
-- Flow 1:

Average throughput: 76.89 Mbit/s

95th percentile per-packet one-way delay: 95.483 ms

Loss rate: 0.78%

Run 5: Report of Vivace-LTE — Data Link

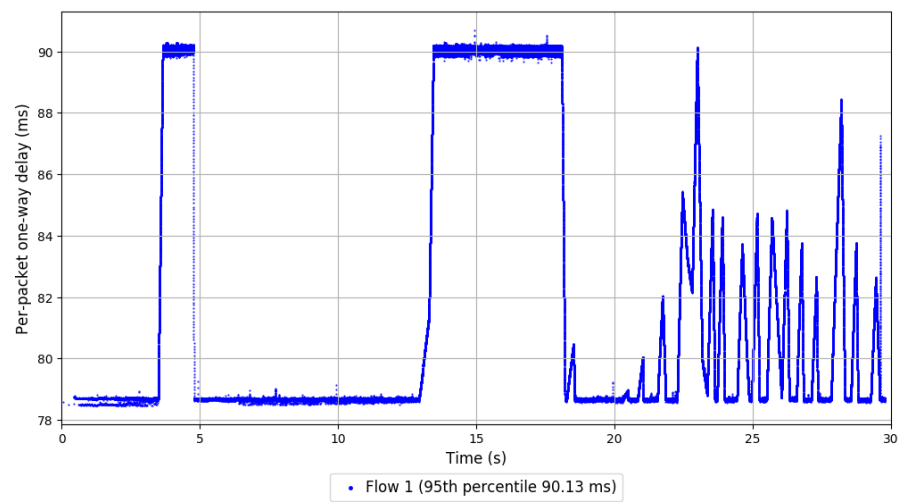
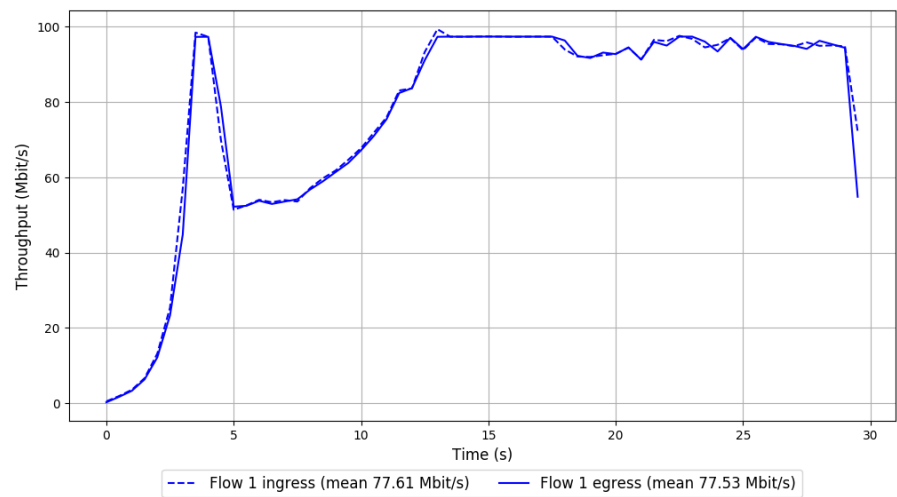


Run 6: Statistics of Vivace-LTE

Start at: 2018-03-20 12:42:31
End at: 2018-03-20 12:43:01
Local clock offset: -6.746 ms
Remote clock offset: 10.112 ms

Below is generated by plot.py at 2018-03-20 18:32:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.53 Mbit/s
95th percentile per-packet one-way delay: 90.128 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 77.53 Mbit/s
95th percentile per-packet one-way delay: 90.128 ms
Loss rate: 0.71%

Run 6: Report of Vivace-LTE — Data Link

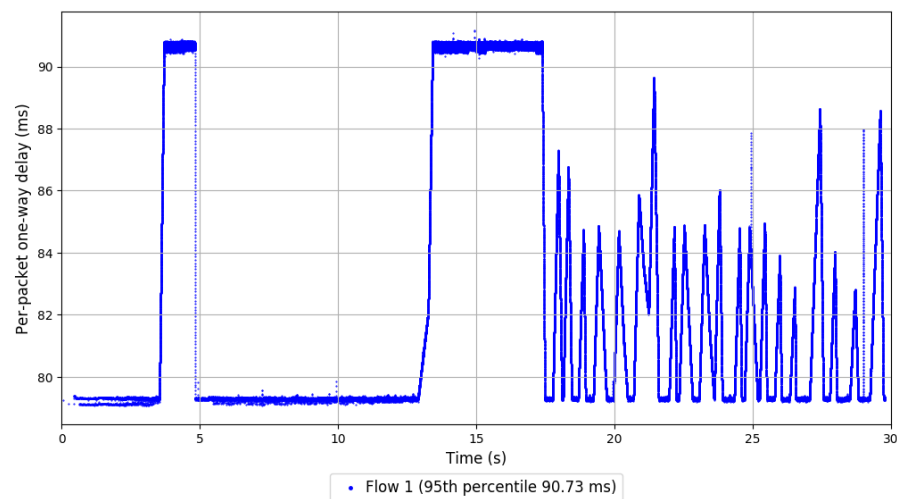
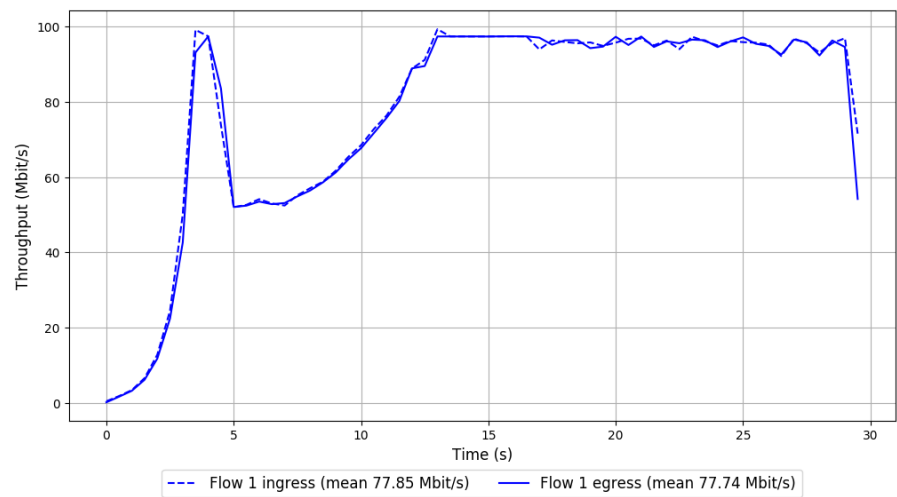


Run 7: Statistics of Vivace-LTE

Start at: 2018-03-20 13:04:43
End at: 2018-03-20 13:05:13
Local clock offset: -6.596 ms
Remote clock offset: 11.057 ms

Below is generated by plot.py at 2018-03-20 18:32:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.74 Mbit/s
95th percentile per-packet one-way delay: 90.735 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 77.74 Mbit/s
95th percentile per-packet one-way delay: 90.735 ms
Loss rate: 0.74%

Run 7: Report of Vivace-LTE — Data Link



Run 8: Statistics of Vivace-LTE

Start at: 2018-03-20 13:26:54

End at: 2018-03-20 13:27:24

Local clock offset: -7.086 ms

Remote clock offset: 11.3 ms

Below is generated by plot.py at 2018-03-20 18:32:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.63 Mbit/s

95th percentile per-packet one-way delay: 89.078 ms

Loss rate: 0.74%

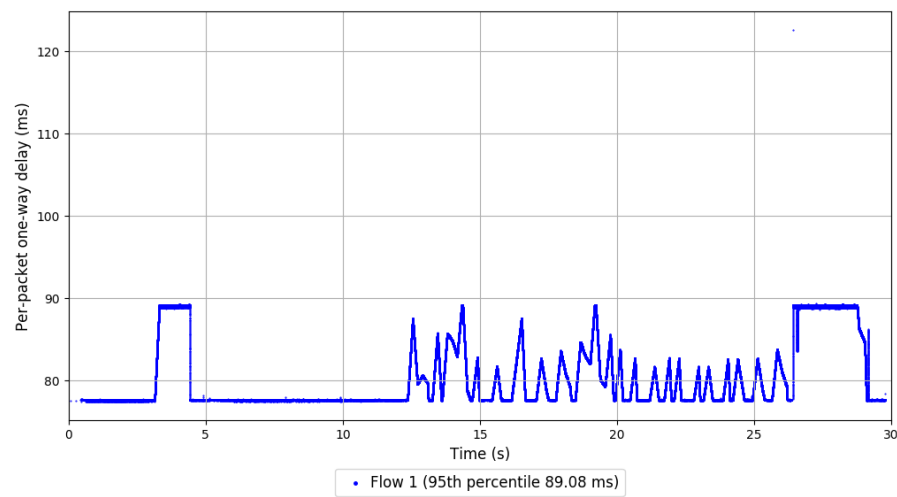
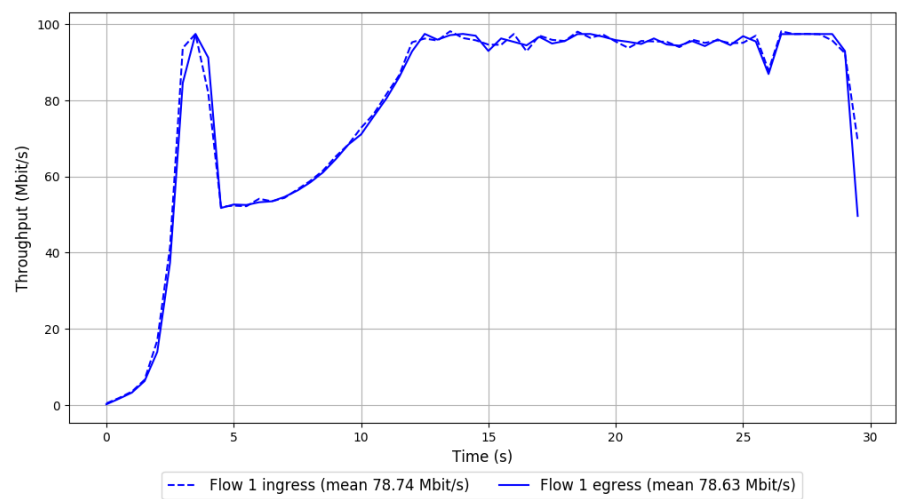
-- Flow 1:

Average throughput: 78.63 Mbit/s

95th percentile per-packet one-way delay: 89.078 ms

Loss rate: 0.74%

Run 8: Report of Vivace-LTE — Data Link



Run 9: Statistics of Vivace-LTE

Start at: 2018-03-20 13:49:08

End at: 2018-03-20 13:49:38

Local clock offset: -6.342 ms

Remote clock offset: 9.797 ms

Below is generated by plot.py at 2018-03-20 18:32:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.05 Mbit/s

95th percentile per-packet one-way delay: 94.044 ms

Loss rate: 0.75%

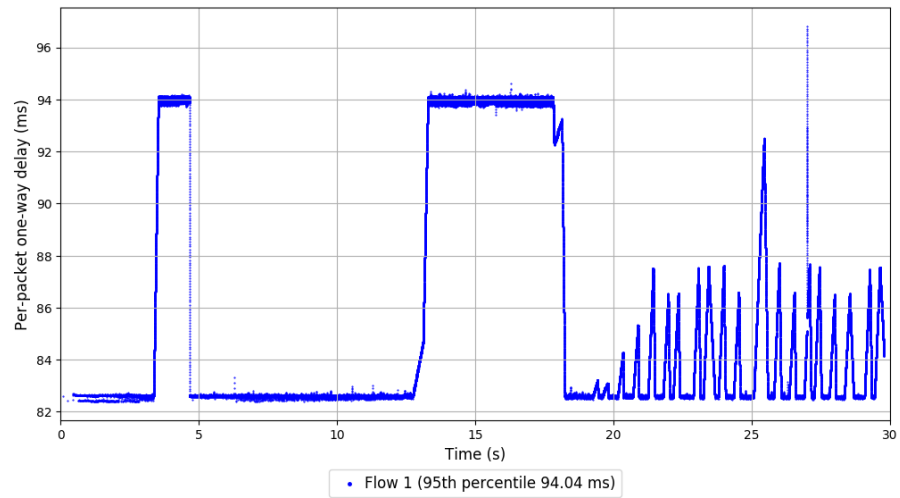
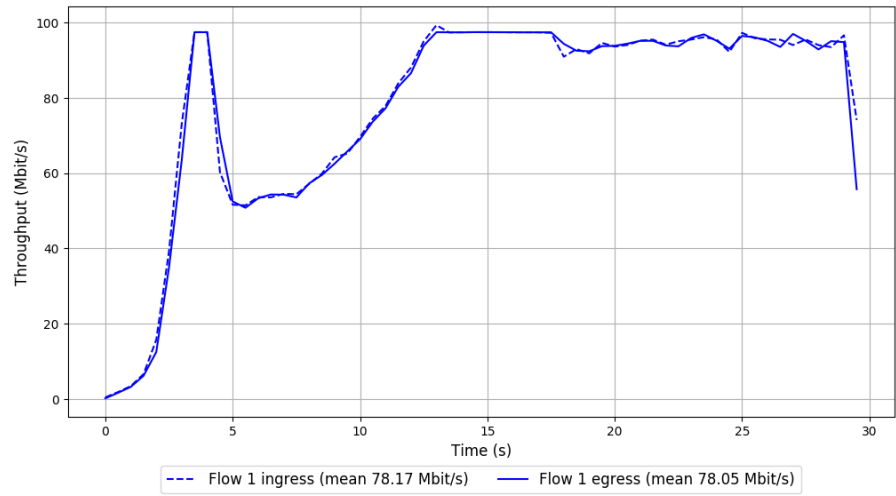
-- Flow 1:

Average throughput: 78.05 Mbit/s

95th percentile per-packet one-way delay: 94.044 ms

Loss rate: 0.75%

Run 9: Report of Vivace-LTE — Data Link



Run 10: Statistics of Vivace-LTE

Start at: 2018-03-20 14:11:19

End at: 2018-03-20 14:11:49

Local clock offset: -5.662 ms

Remote clock offset: 7.063 ms

Below is generated by plot.py at 2018-03-20 18:32:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.30 Mbit/s

95th percentile per-packet one-way delay: 97.035 ms

Loss rate: 0.75%

-- Flow 1:

Average throughput: 78.30 Mbit/s

95th percentile per-packet one-way delay: 97.035 ms

Loss rate: 0.75%

Run 10: Report of Vivace-LTE — Data Link

