

Pantheon Report

Generated at 2017-10-10 23:41:49 (UTC).

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

Repeated the test of 14 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).

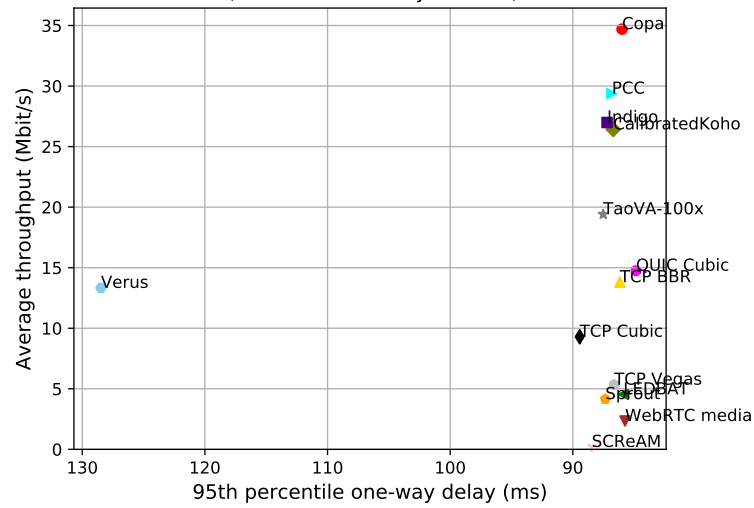
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

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

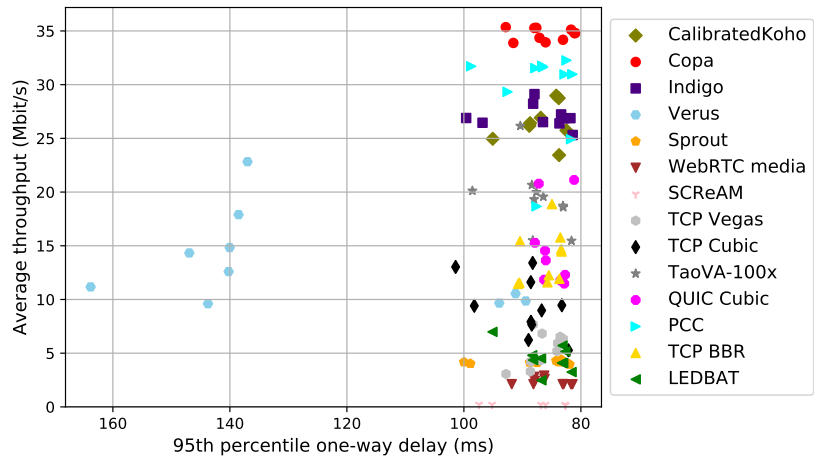
Git summary:

```
branch: indigos @ 45998d6404be7c5106956530acb9cfc43bd06e7d
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/genericCC @ f7ca42f251bf49b432bb71de6d13fa903515c366
third_party/indigo @ b19f3730105f9aa95452552af924e3719b03cc55
third_party/indigo-cellular @ aee99e8eb842cb053f8c9a80e28cd256a930bbc2
third_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89
third_party/indigo-no-cwnd @ 3e58442c04028a11d7b02456e137604633ba2d6c
third_party/indigo-no-delivery-rate @ 57caa40858b964906edff4876d5a7e5bfff666c5
third_party/indigo-no-queuing-delay @ 03455460fd1a8ffbdad86fab936fdca204b80db
third_party/indigo-no-send-rate @ b39dfa6b2c5f19cb7cd89626cb4f5bb81f9fecda
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ baf443516dea3eeddeccaf9b916cc313273ca4f4
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 @ f1a14bffe749737437f61b1eaaeb30b267cde681
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/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

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



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



scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	13.80	86.17	39.61
TCP Cubic	10	9.30	89.44	3.26
LEDBAT	10	4.54	85.89	0.88
PCC	10	29.37	86.82	3.80
QUIC Cubic	9	14.75	84.85	2.48
SCReAM	6	0.20	88.46	0.16
WebRTC media	10	2.34	85.74	0.21
Sprout	10	4.15	87.35	0.46
TaoVA-100x	10	19.41	87.52	30.09
TCP Vegas	10	5.34	86.63	3.27
Verus	10	13.33	128.48	85.95
Copa	10	34.70	85.99	72.52
CalibratedKoho	8	26.42	86.70	67.68
Indigo	10	26.99	87.21	72.31

Run 1: Statistics of TCP BBR

Start at: 2017-10-10 20:45:29

End at: 2017-10-10 20:45:59

Local clock offset: -7.746 ms

Remote clock offset: 0.406 ms

Below is generated by plot.py at 2017-10-10 23:33:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.45 Mbit/s

95th percentile per-packet one-way delay: 90.730 ms

Loss rate: 38.32%

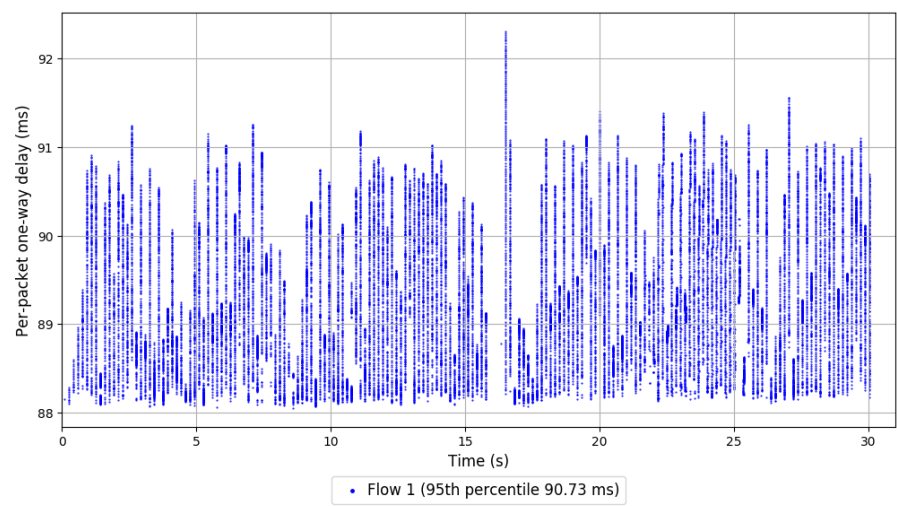
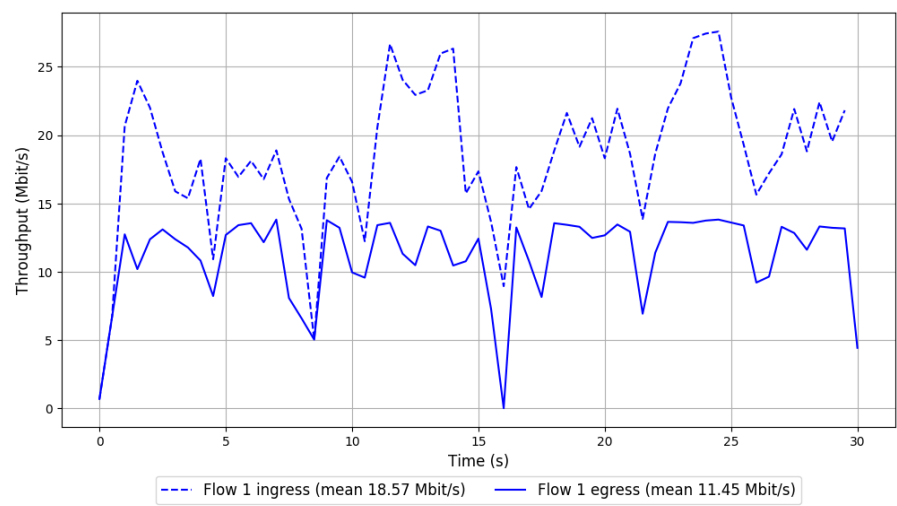
-- Flow 1:

Average throughput: 11.45 Mbit/s

95th percentile per-packet one-way delay: 90.730 ms

Loss rate: 38.32%

Run 1: Report of TCP BBR — Data Link

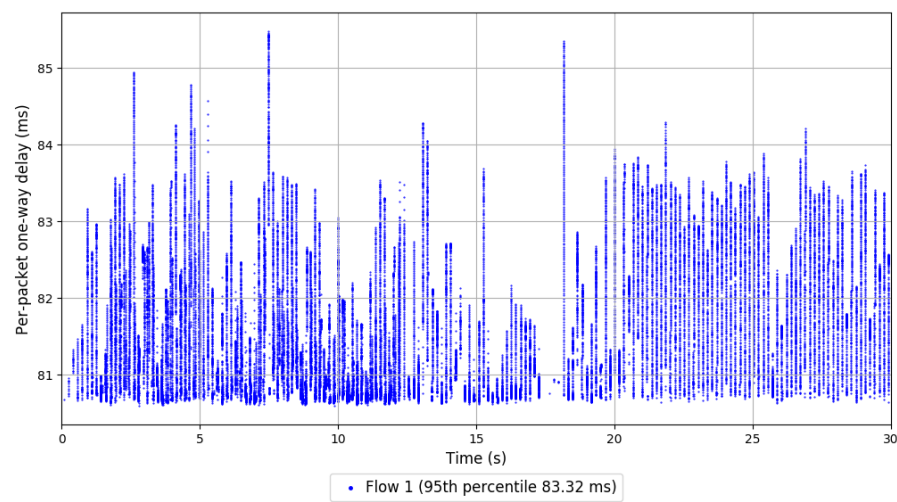
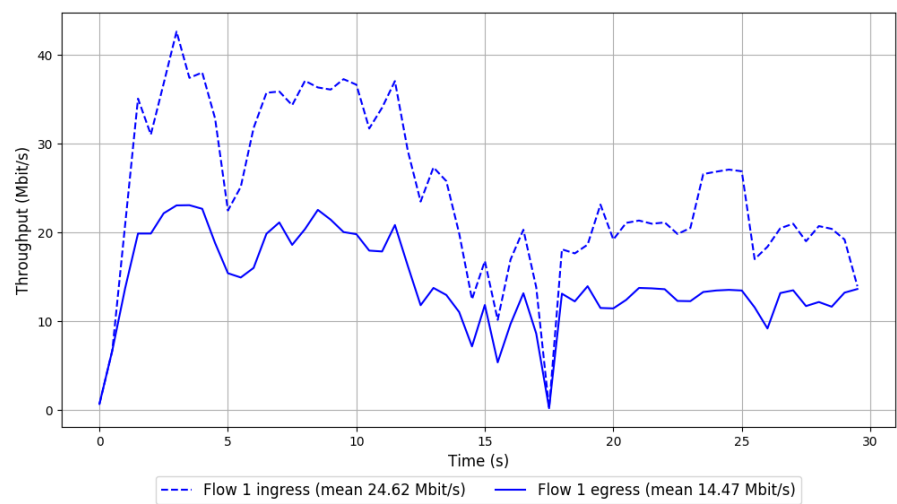


Run 2: Statistics of TCP BBR

Start at: 2017-10-10 21:02:55
End at: 2017-10-10 21:03:25
Local clock offset: -5.978 ms
Remote clock offset: -7.281 ms

Below is generated by plot.py at 2017-10-10 23:33:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 14.47 Mbit/s
95th percentile per-packet one-way delay: 83.320 ms
Loss rate: 41.23%
-- Flow 1:
Average throughput: 14.47 Mbit/s
95th percentile per-packet one-way delay: 83.320 ms
Loss rate: 41.23%

Run 2: Report of TCP BBR — Data Link

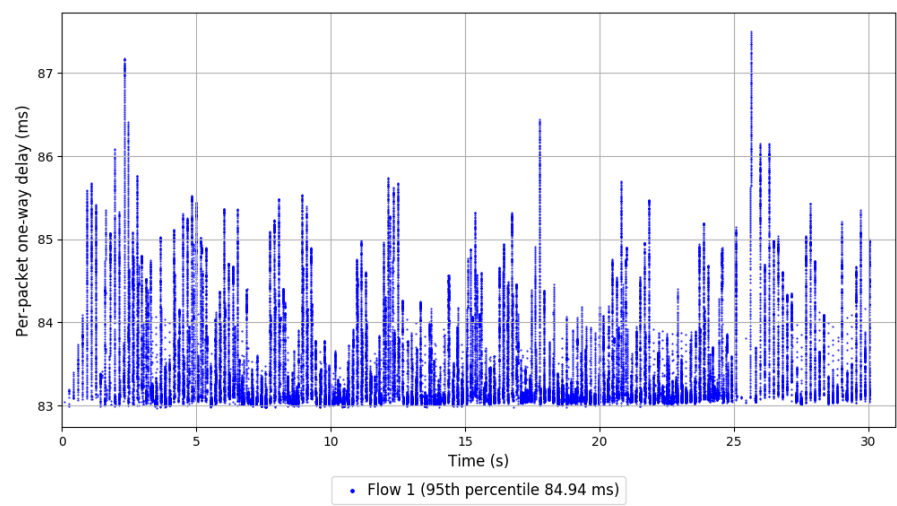
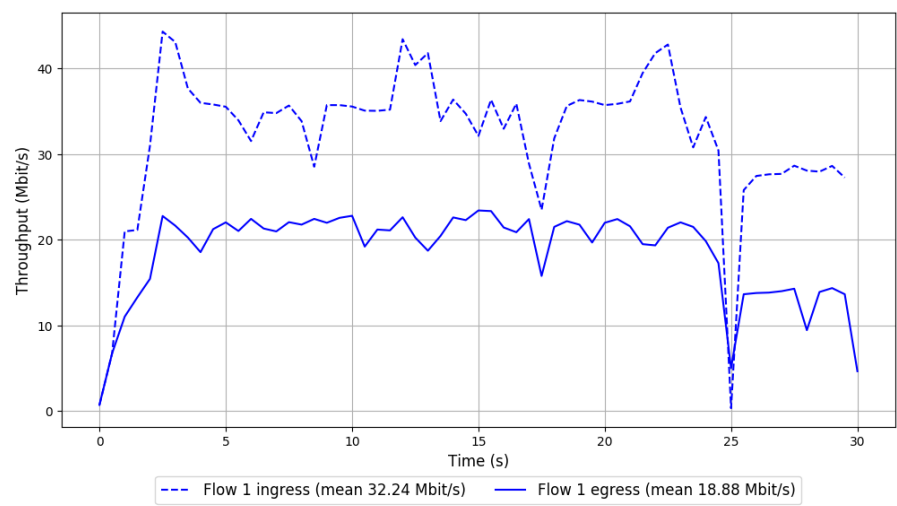


Run 3: Statistics of TCP BBR

Start at: 2017-10-10 21:20:17
End at: 2017-10-10 21:20:47
Local clock offset: -4.5 ms
Remote clock offset: -7.637 ms

Below is generated by plot.py at 2017-10-10 23:33:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 18.88 Mbit/s
95th percentile per-packet one-way delay: 84.945 ms
Loss rate: 41.44%
-- Flow 1:
Average throughput: 18.88 Mbit/s
95th percentile per-packet one-way delay: 84.945 ms
Loss rate: 41.44%

Run 3: Report of TCP BBR — Data Link

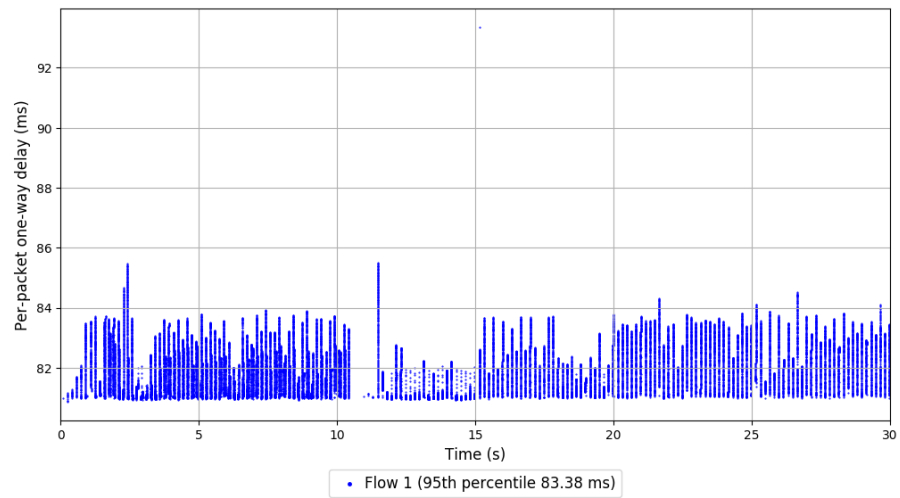
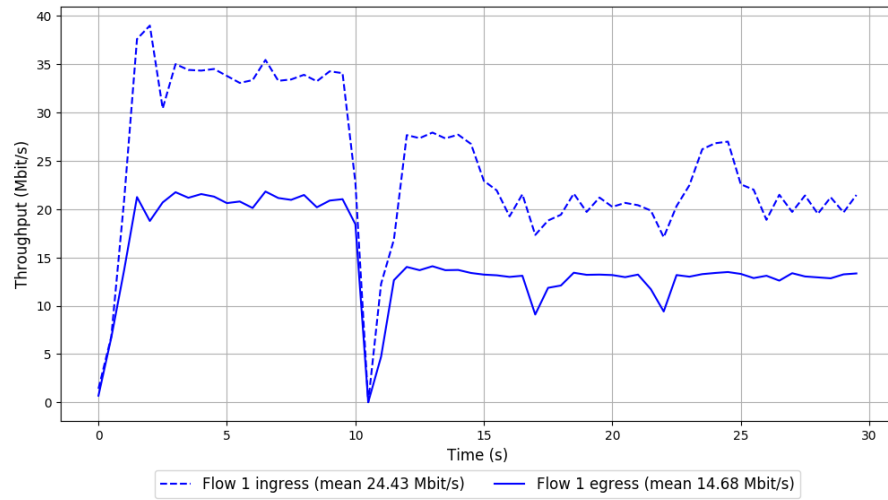


Run 4: Statistics of TCP BBR

Start at: 2017-10-10 21:38:16
End at: 2017-10-10 21:38:46
Local clock offset: -3.047 ms
Remote clock offset: -8.131 ms

Below is generated by plot.py at 2017-10-10 23:33:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 14.68 Mbit/s
95th percentile per-packet one-way delay: 83.376 ms
Loss rate: 39.92%
-- Flow 1:
Average throughput: 14.68 Mbit/s
95th percentile per-packet one-way delay: 83.376 ms
Loss rate: 39.92%

Run 4: Report of TCP BBR — Data Link

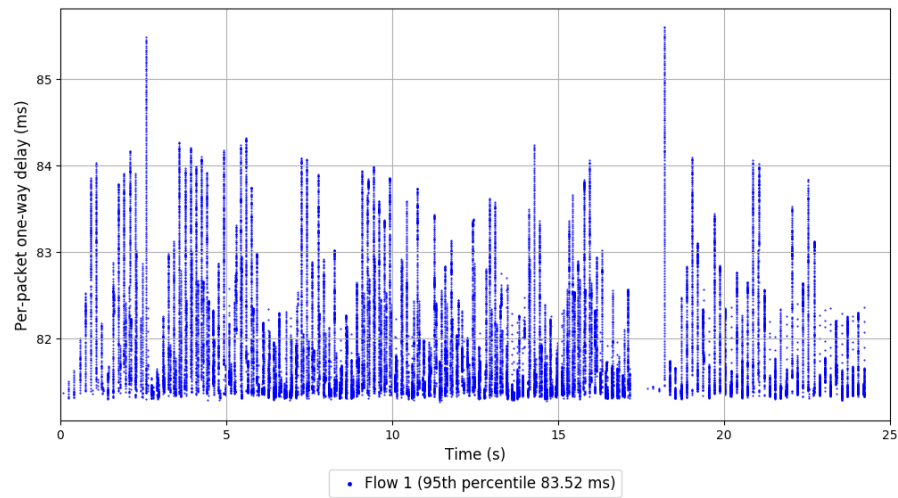
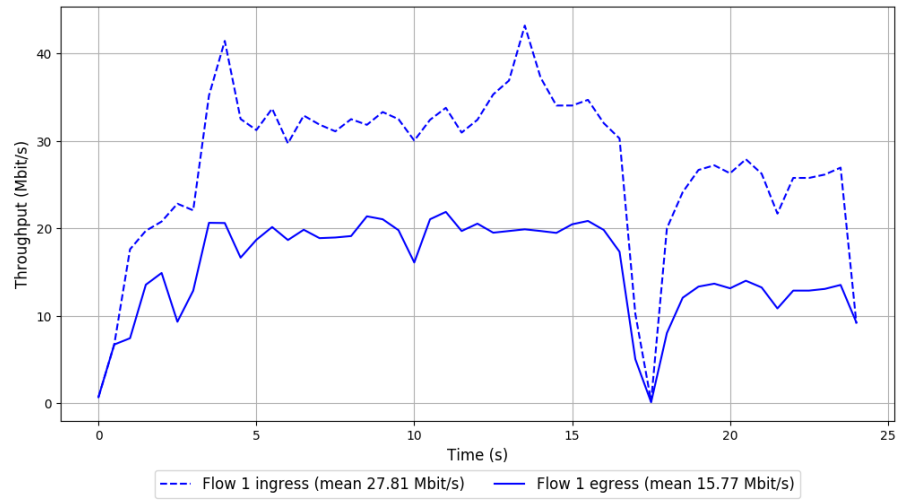


Run 5: Statistics of TCP BBR

Start at: 2017-10-10 21:55:52
End at: 2017-10-10 21:56:22
Local clock offset: -2.436 ms
Remote clock offset: -8.184 ms

Below is generated by plot.py at 2017-10-10 23:33:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.77 Mbit/s
95th percentile per-packet one-way delay: 83.515 ms
Loss rate: 43.28%
-- Flow 1:
Average throughput: 15.77 Mbit/s
95th percentile per-packet one-way delay: 83.515 ms
Loss rate: 43.28%

Run 5: Report of TCP BBR — Data Link

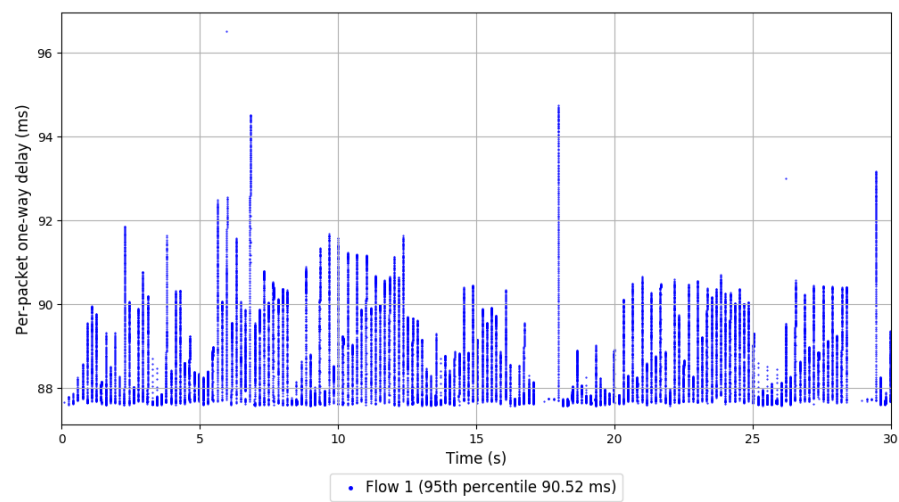
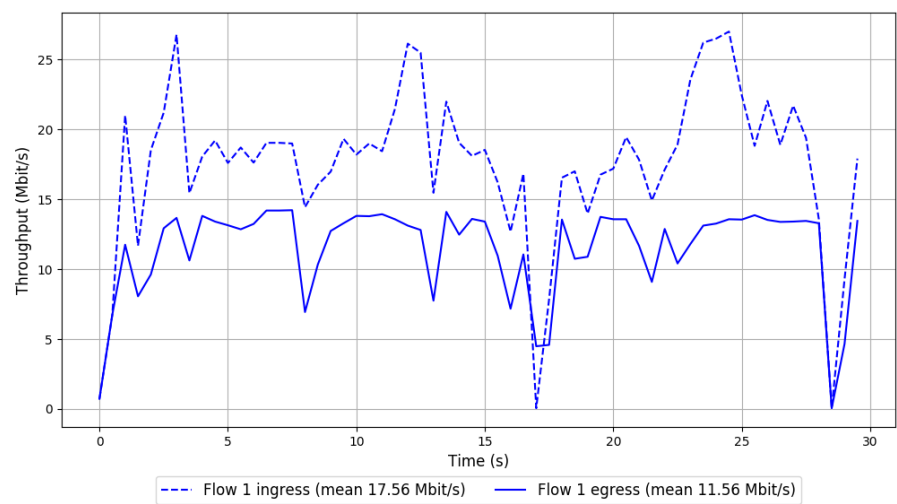


Run 6: Statistics of TCP BBR

Start at: 2017-10-10 22:13:35
End at: 2017-10-10 22:14:05
Local clock offset: -3.038 ms
Remote clock offset: -3.846 ms

Below is generated by plot.py at 2017-10-10 23:33:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.56 Mbit/s
95th percentile per-packet one-way delay: 90.516 ms
Loss rate: 34.17%
-- Flow 1:
Average throughput: 11.56 Mbit/s
95th percentile per-packet one-way delay: 90.516 ms
Loss rate: 34.17%

Run 6: Report of TCP BBR — Data Link

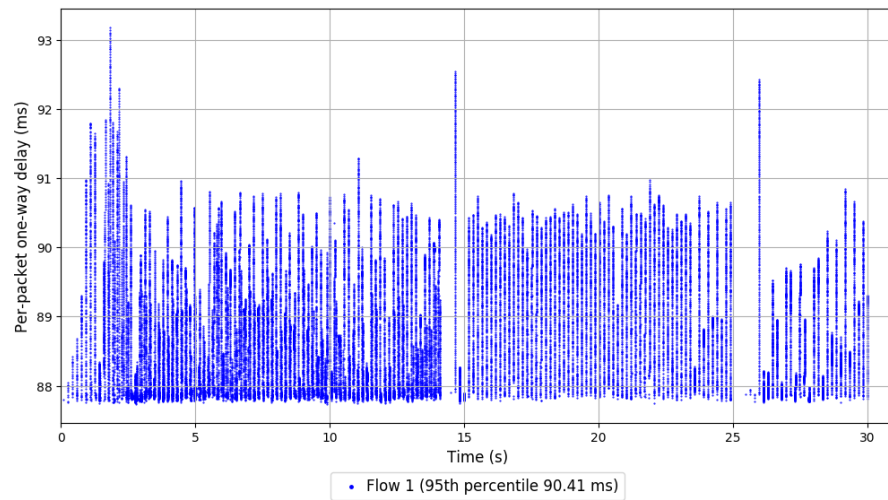
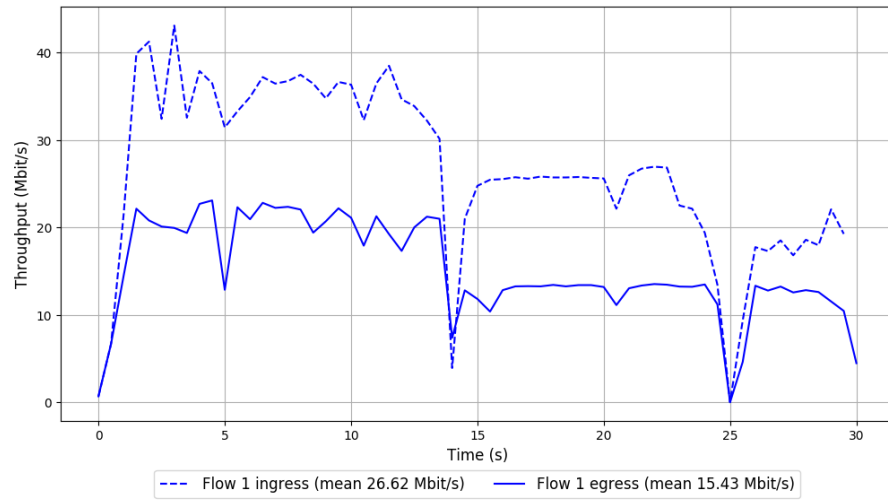


Run 7: Statistics of TCP BBR

Start at: 2017-10-10 22:31:48
End at: 2017-10-10 22:32:18
Local clock offset: -2.819 ms
Remote clock offset: -3.625 ms

Below is generated by plot.py at 2017-10-10 23:33:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.43 Mbit/s
95th percentile per-packet one-way delay: 90.409 ms
Loss rate: 42.02%
-- Flow 1:
Average throughput: 15.43 Mbit/s
95th percentile per-packet one-way delay: 90.409 ms
Loss rate: 42.02%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: 2017-10-10 22:49:12

End at: 2017-10-10 22:49:42

Local clock offset: -3.128 ms

Remote clock offset: -8.7 ms

Below is generated by plot.py at 2017-10-10 23:33:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.60 Mbit/s

95th percentile per-packet one-way delay: 85.717 ms

Loss rate: 39.54%

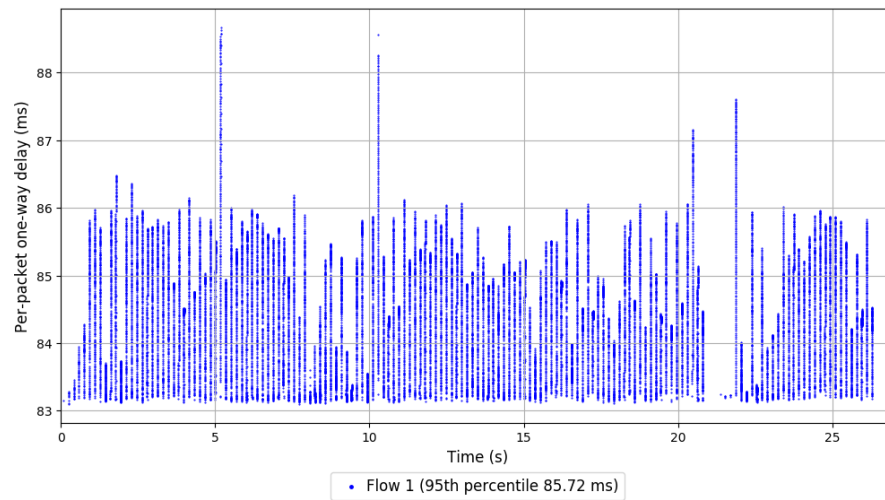
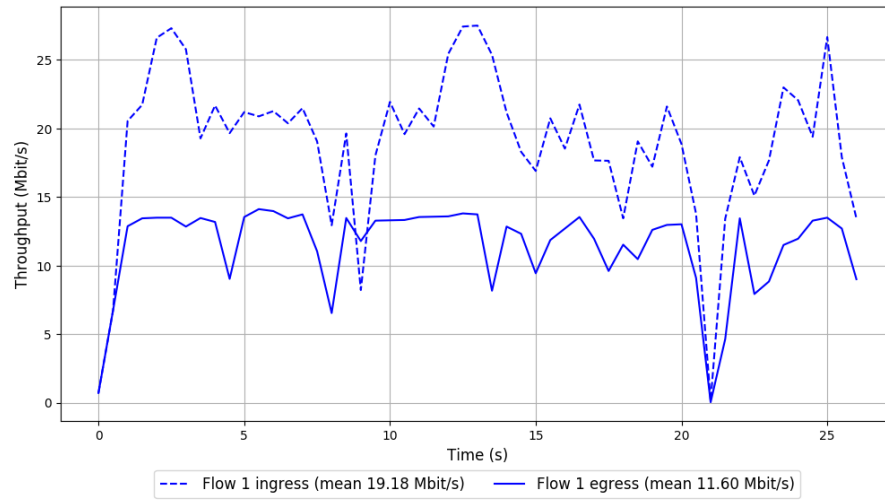
-- Flow 1:

Average throughput: 11.60 Mbit/s

95th percentile per-packet one-way delay: 85.717 ms

Loss rate: 39.54%

Run 8: Report of TCP BBR — Data Link

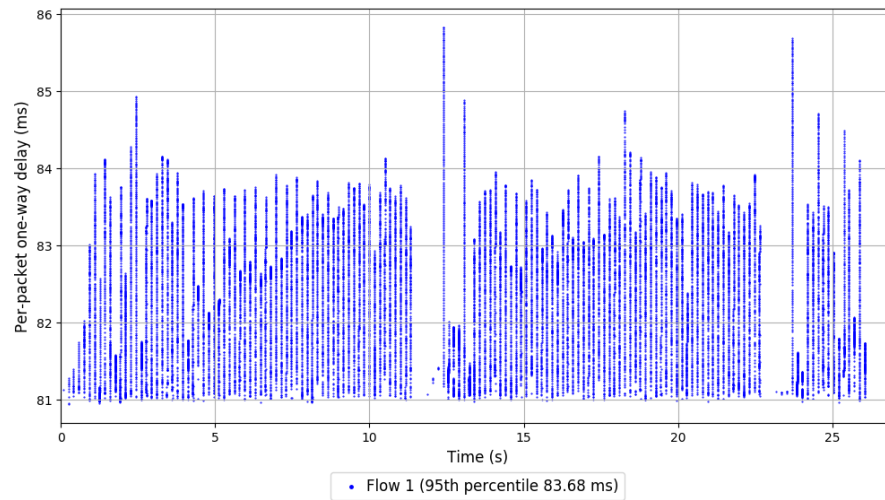
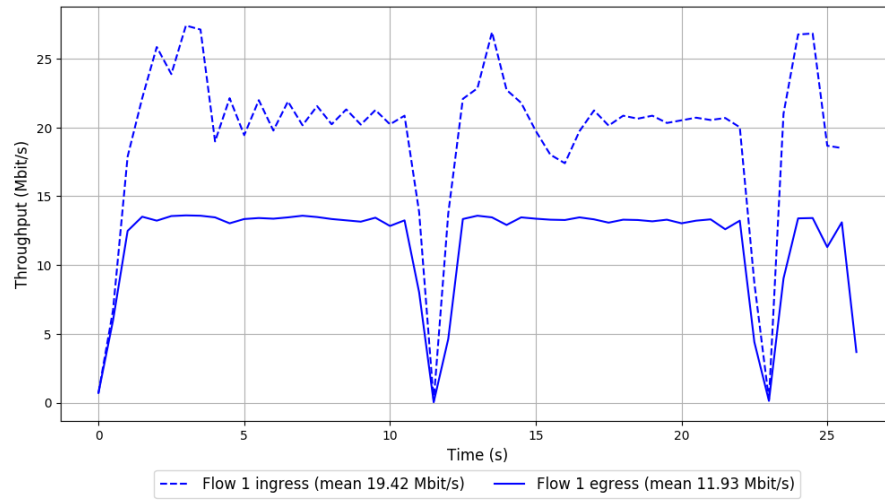


Run 9: Statistics of TCP BBR

Start at: 2017-10-10 23:06:40
End at: 2017-10-10 23:07:10
Local clock offset: -2.567 ms
Remote clock offset: -8.842 ms

Below is generated by plot.py at 2017-10-10 23:33:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.93 Mbit/s
95th percentile per-packet one-way delay: 83.678 ms
Loss rate: 38.57%
-- Flow 1:
Average throughput: 11.93 Mbit/s
95th percentile per-packet one-way delay: 83.678 ms
Loss rate: 38.57%

Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

Start at: 2017-10-10 23:23:53

End at: 2017-10-10 23:24:23

Local clock offset: -2.22 ms

Remote clock offset: -8.868 ms

Below is generated by plot.py at 2017-10-10 23:33:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.26 Mbit/s

95th percentile per-packet one-way delay: 85.487 ms

Loss rate: 37.62%

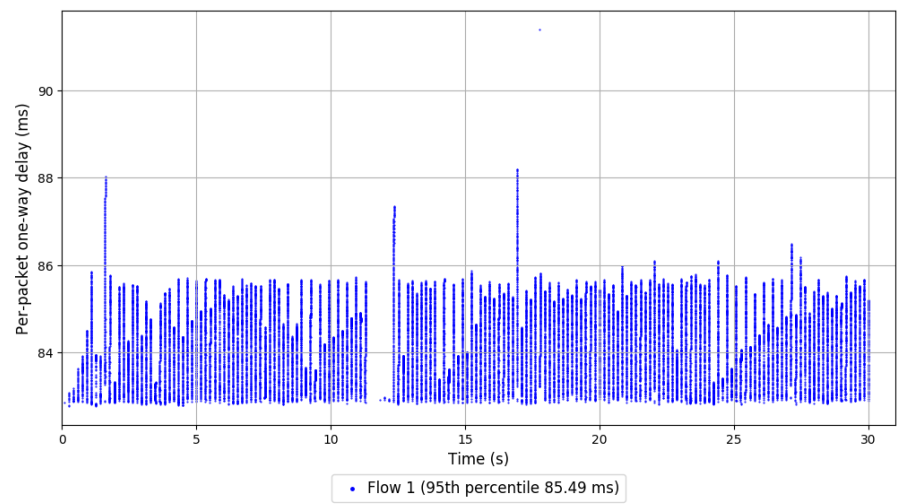
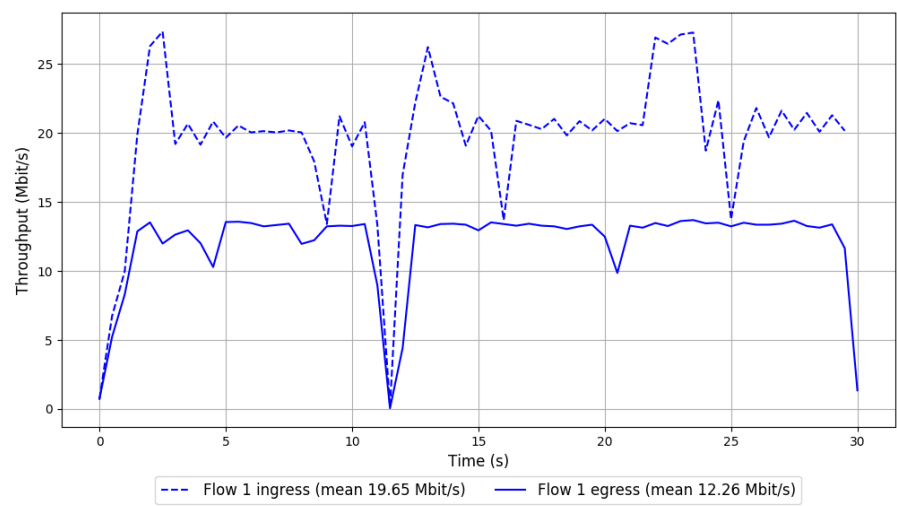
-- Flow 1:

Average throughput: 12.26 Mbit/s

95th percentile per-packet one-way delay: 85.487 ms

Loss rate: 37.62%

Run 10: Report of TCP BBR — Data Link

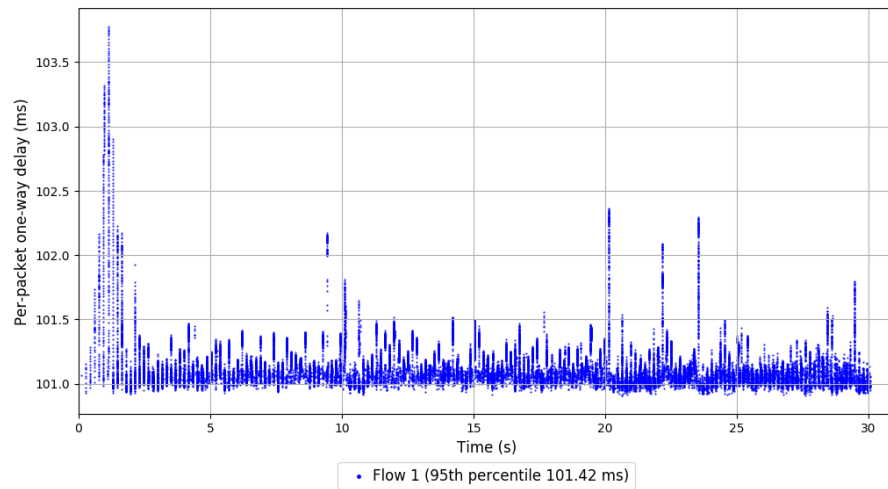
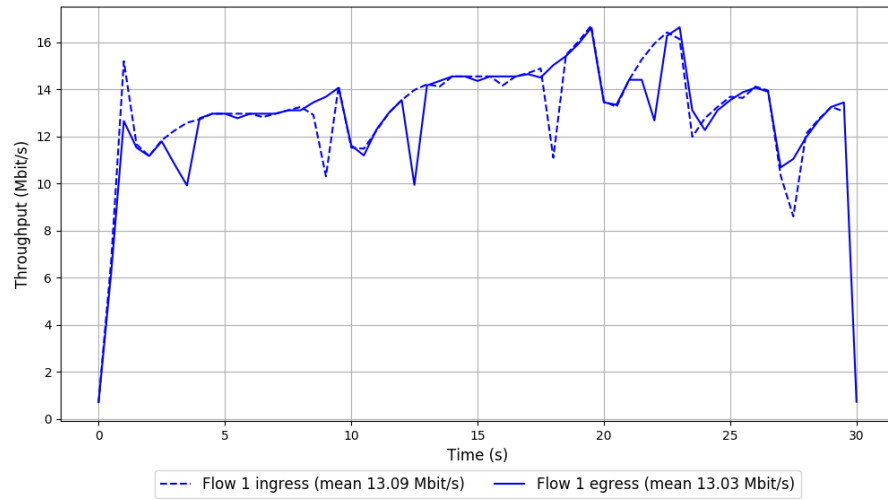


Run 1: Statistics of TCP Cubic

Start at: 2017-10-10 20:41:18
End at: 2017-10-10 20:41:48
Local clock offset: -7.923 ms
Remote clock offset: 11.347 ms

Below is generated by plot.py at 2017-10-10 23:33:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 13.03 Mbit/s
95th percentile per-packet one-way delay: 101.415 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 13.03 Mbit/s
95th percentile per-packet one-way delay: 101.415 ms
Loss rate: 0.47%

Run 1: Report of TCP Cubic — Data Link

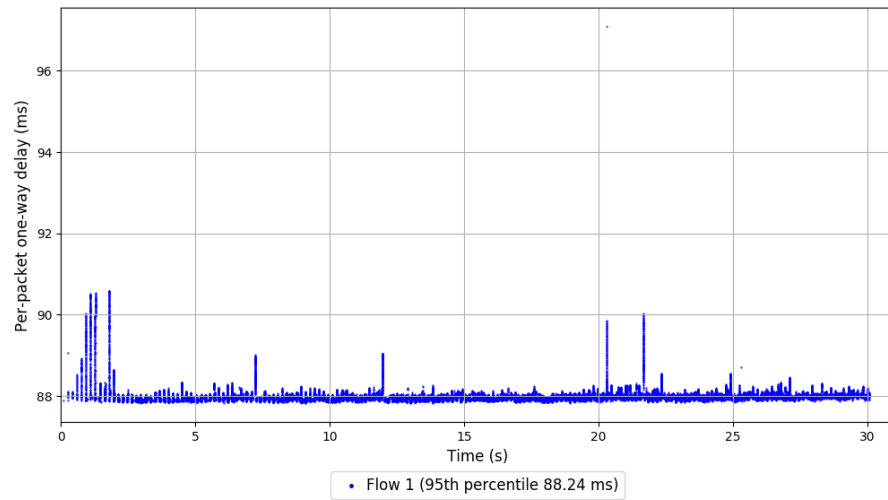
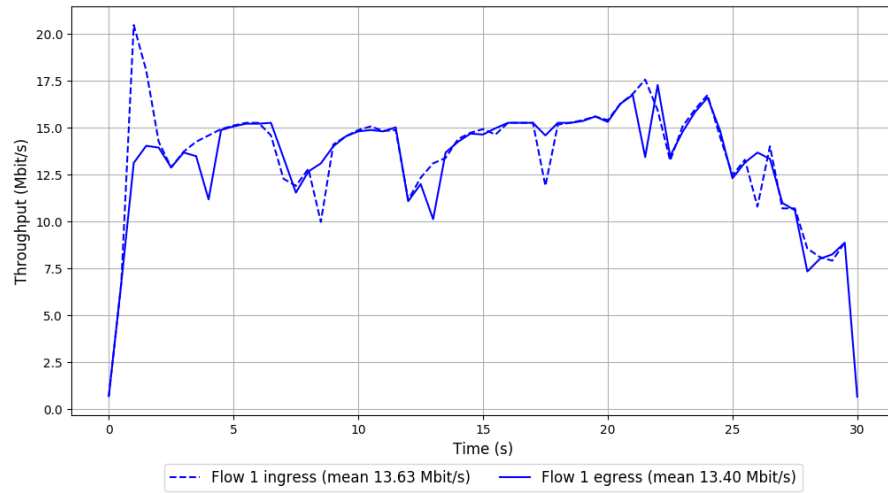


Run 2: Statistics of TCP Cubic

Start at: 2017-10-10 20:59:11
End at: 2017-10-10 20:59:41
Local clock offset: -6.236 ms
Remote clock offset: -2.214 ms

Below is generated by plot.py at 2017-10-10 23:33:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 13.40 Mbit/s
95th percentile per-packet one-way delay: 88.243 ms
Loss rate: 1.66%
-- Flow 1:
Average throughput: 13.40 Mbit/s
95th percentile per-packet one-way delay: 88.243 ms
Loss rate: 1.66%

Run 2: Report of TCP Cubic — Data Link

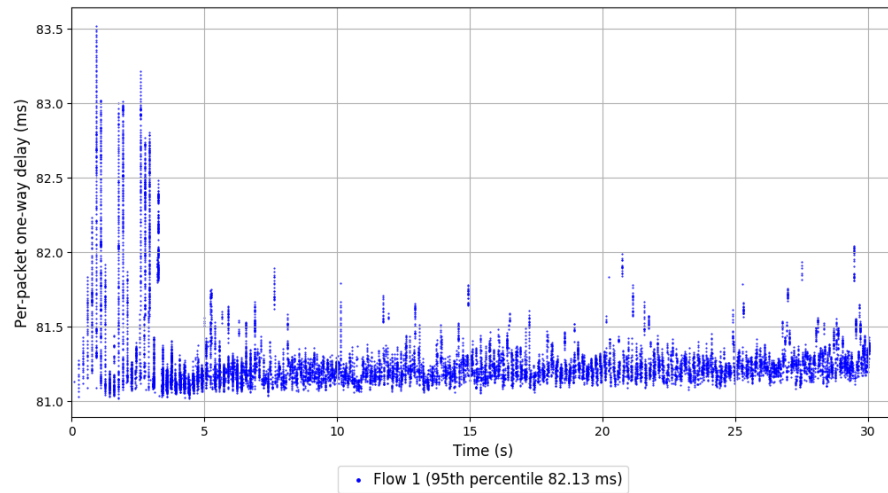
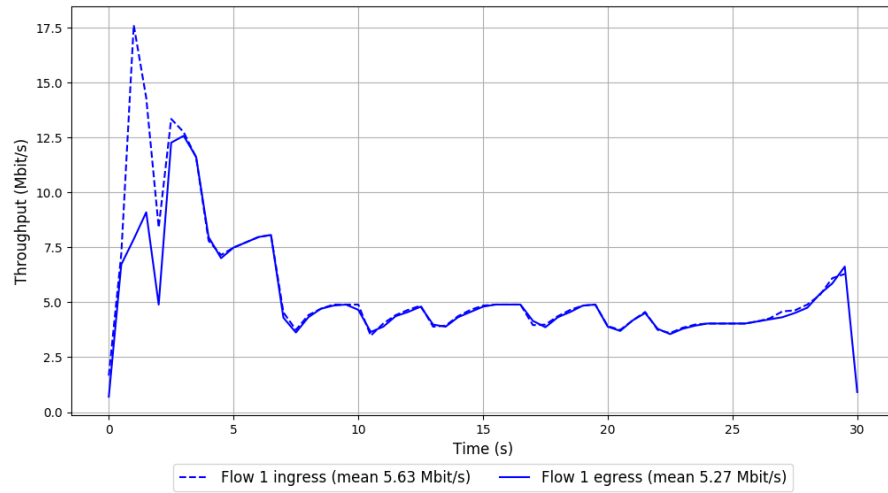


Run 3: Statistics of TCP Cubic

Start at: 2017-10-10 21:16:31
End at: 2017-10-10 21:17:01
Local clock offset: -4.946 ms
Remote clock offset: -7.557 ms

Below is generated by plot.py at 2017-10-10 23:33:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 5.27 Mbit/s
95th percentile per-packet one-way delay: 82.129 ms
Loss rate: 6.50%
-- Flow 1:
Average throughput: 5.27 Mbit/s
95th percentile per-packet one-way delay: 82.129 ms
Loss rate: 6.50%

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: 2017-10-10 21:34:05

End at: 2017-10-10 21:34:35

Local clock offset: -3.4 ms

Remote clock offset: 6.94 ms

Below is generated by plot.py at 2017-10-10 23:33:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 9.41 Mbit/s

95th percentile per-packet one-way delay: 98.221 ms

Loss rate: 3.75%

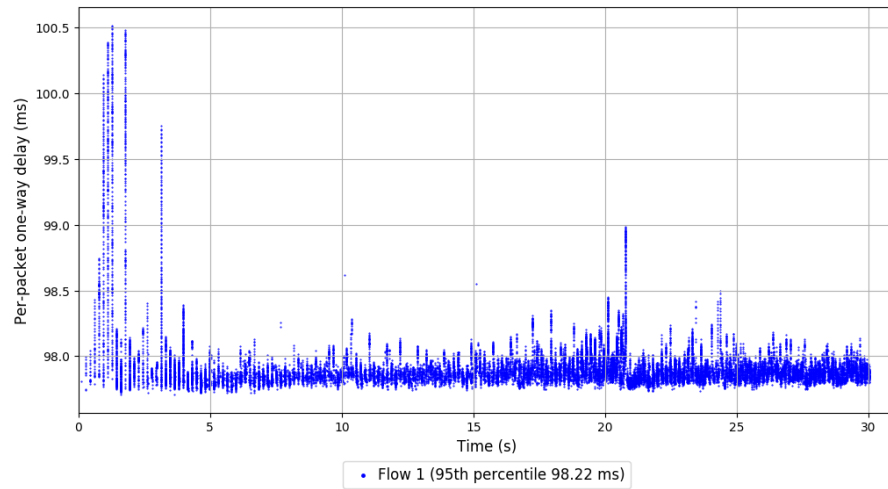
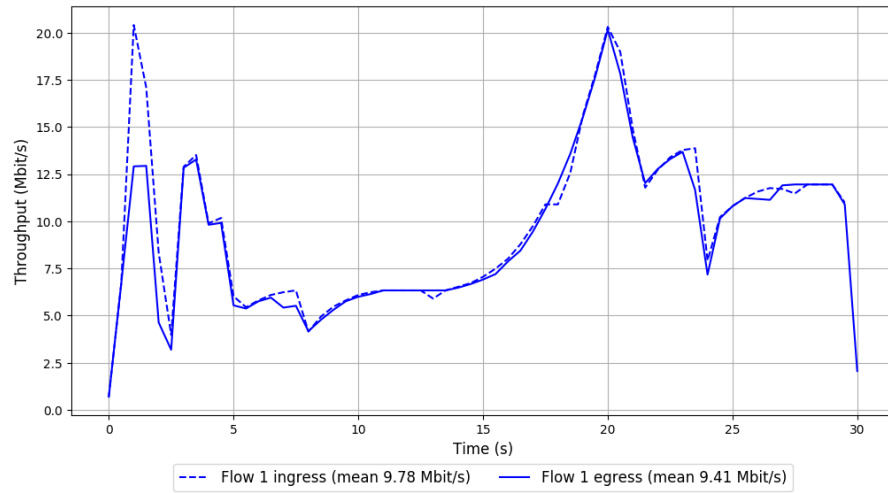
-- Flow 1:

Average throughput: 9.41 Mbit/s

95th percentile per-packet one-way delay: 98.221 ms

Loss rate: 3.75%

Run 4: Report of TCP Cubic — Data Link

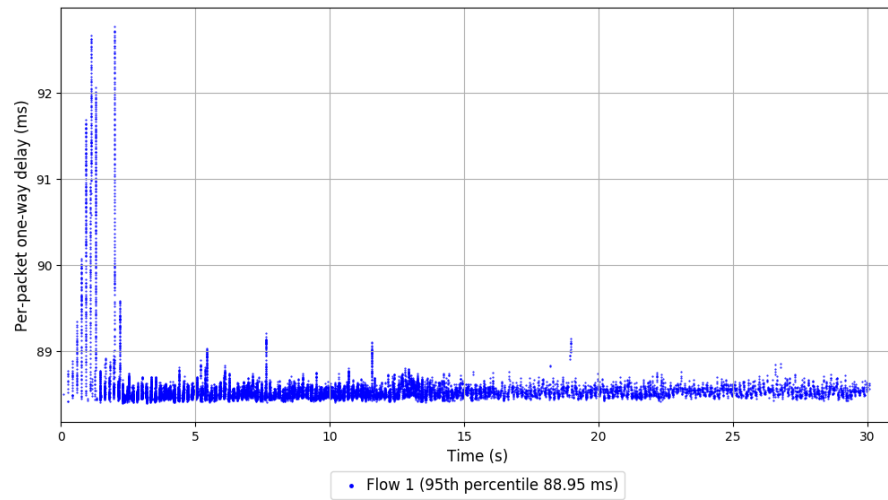
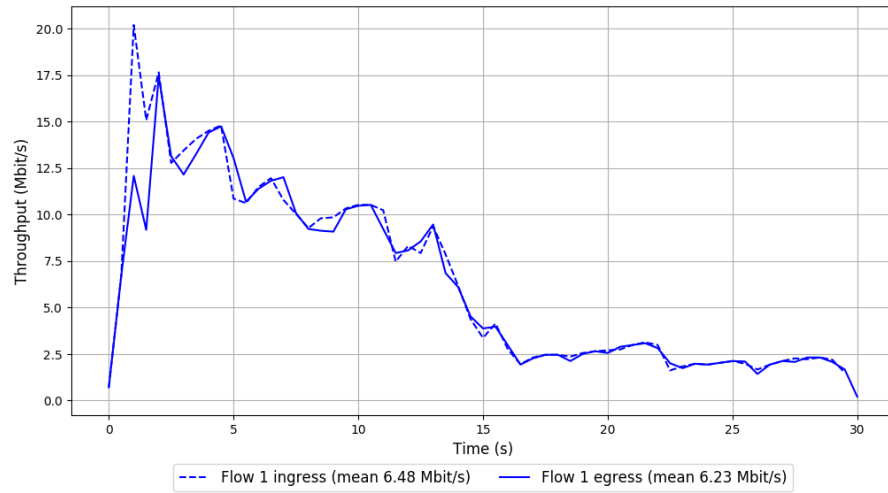


Run 5: Statistics of TCP Cubic

Start at: 2017-10-10 21:51:59
End at: 2017-10-10 21:52:29
Local clock offset: -2.49 ms
Remote clock offset: -3.302 ms

Below is generated by plot.py at 2017-10-10 23:33:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 6.23 Mbit/s
95th percentile per-packet one-way delay: 88.954 ms
Loss rate: 3.90%
-- Flow 1:
Average throughput: 6.23 Mbit/s
95th percentile per-packet one-way delay: 88.954 ms
Loss rate: 3.90%

Run 5: Report of TCP Cubic — Data Link

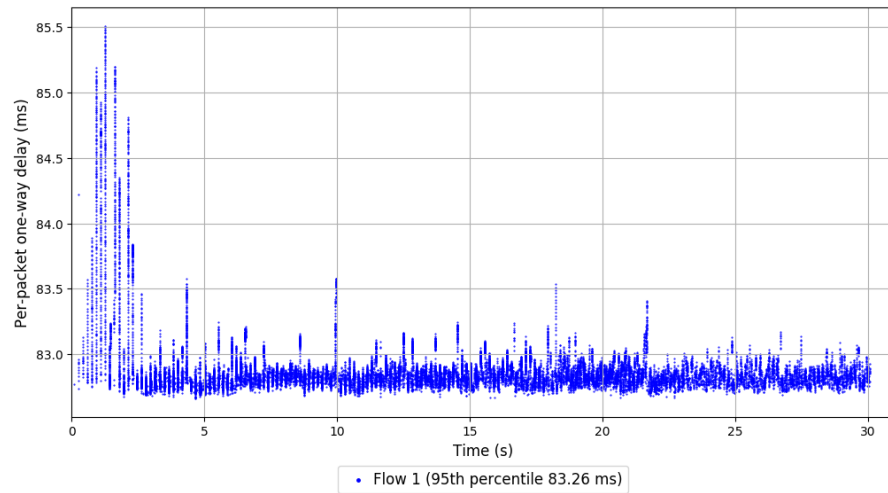
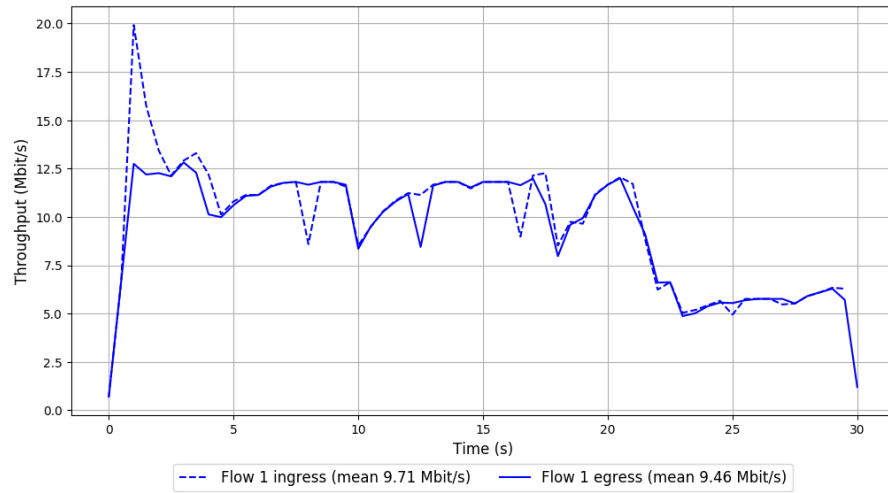


Run 6: Statistics of TCP Cubic

Start at: 2017-10-10 22:09:51
End at: 2017-10-10 22:10:21
Local clock offset: -2.839 ms
Remote clock offset: -8.814 ms

Below is generated by plot.py at 2017-10-10 23:34:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.46 Mbit/s
95th percentile per-packet one-way delay: 83.260 ms
Loss rate: 2.51%
-- Flow 1:
Average throughput: 9.46 Mbit/s
95th percentile per-packet one-way delay: 83.260 ms
Loss rate: 2.51%

Run 6: Report of TCP Cubic — Data Link

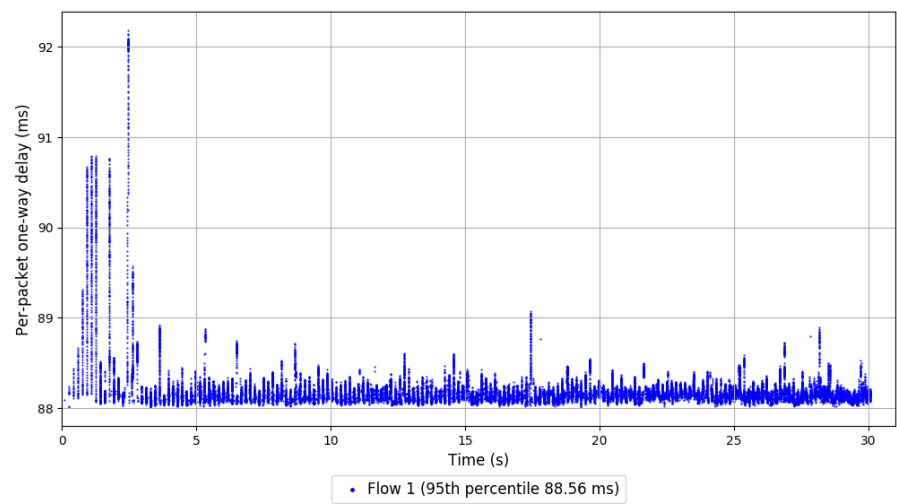
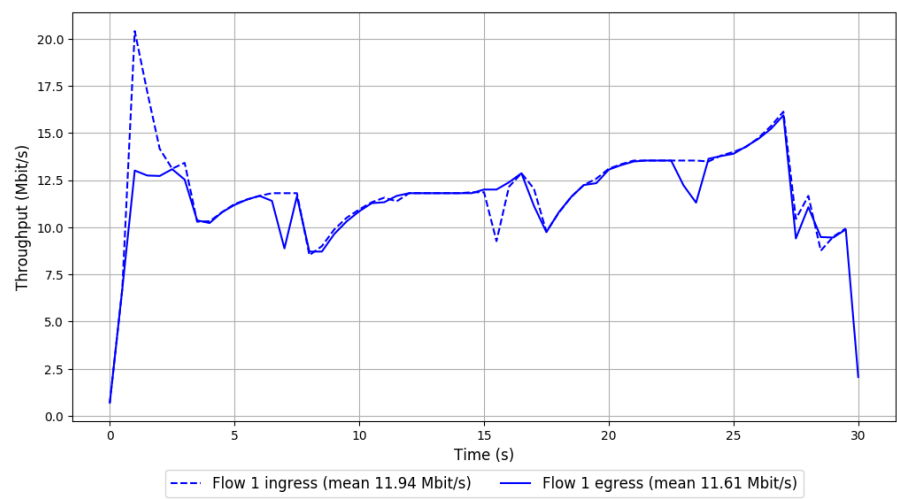


Run 7: Statistics of TCP Cubic

Start at: 2017-10-10 22:27:28
End at: 2017-10-10 22:27:58
Local clock offset: -2.828 ms
Remote clock offset: -3.632 ms

Below is generated by plot.py at 2017-10-10 23:34:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.61 Mbit/s
95th percentile per-packet one-way delay: 88.562 ms
Loss rate: 2.72%
-- Flow 1:
Average throughput: 11.61 Mbit/s
95th percentile per-packet one-way delay: 88.562 ms
Loss rate: 2.72%

Run 7: Report of TCP Cubic — Data Link

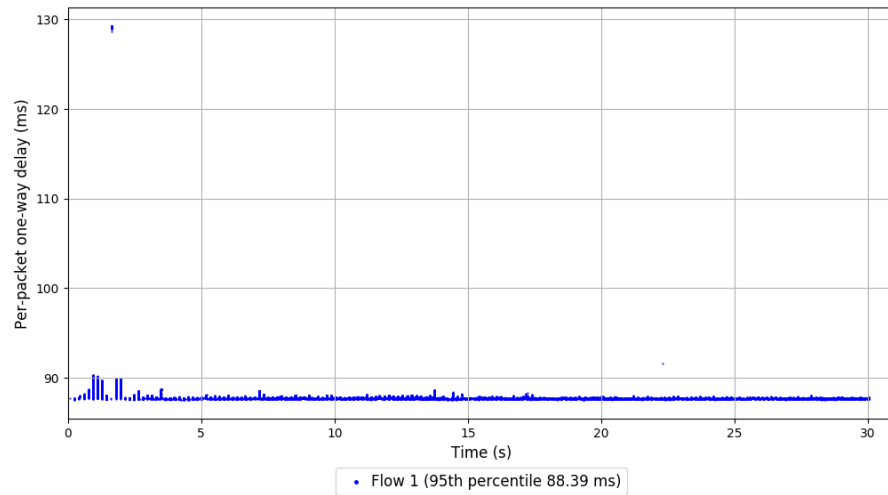
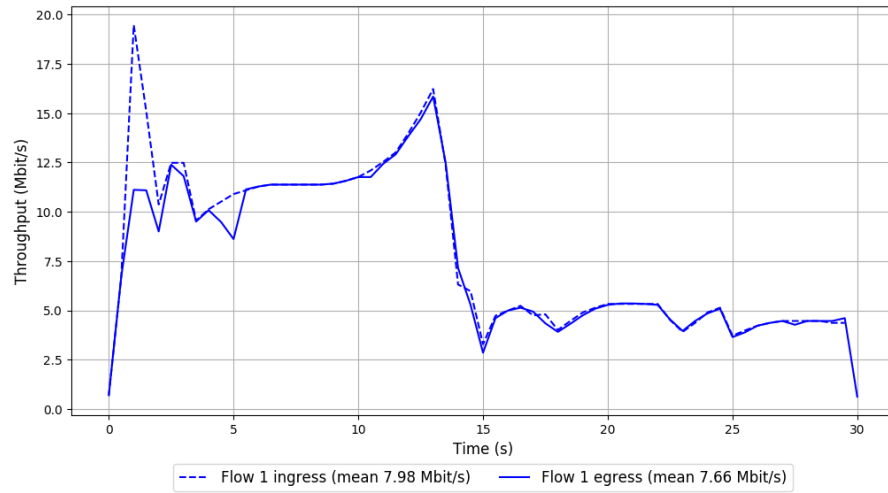


Run 8: Statistics of TCP Cubic

Start at: 2017-10-10 22:45:24
End at: 2017-10-10 22:45:54
Local clock offset: -3.212 ms
Remote clock offset: -4.007 ms

Below is generated by plot.py at 2017-10-10 23:34:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 7.66 Mbit/s
95th percentile per-packet one-way delay: 88.395 ms
Loss rate: 4.12%
-- Flow 1:
Average throughput: 7.66 Mbit/s
95th percentile per-packet one-way delay: 88.395 ms
Loss rate: 4.12%

Run 8: Report of TCP Cubic — Data Link

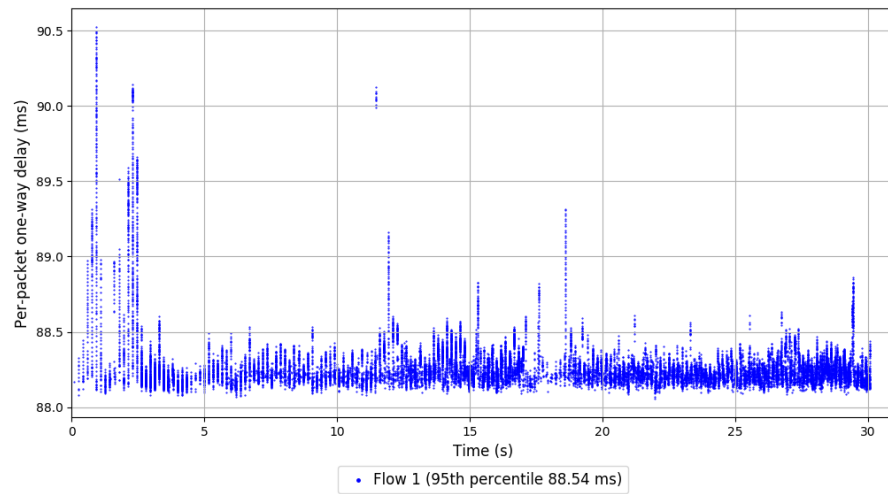
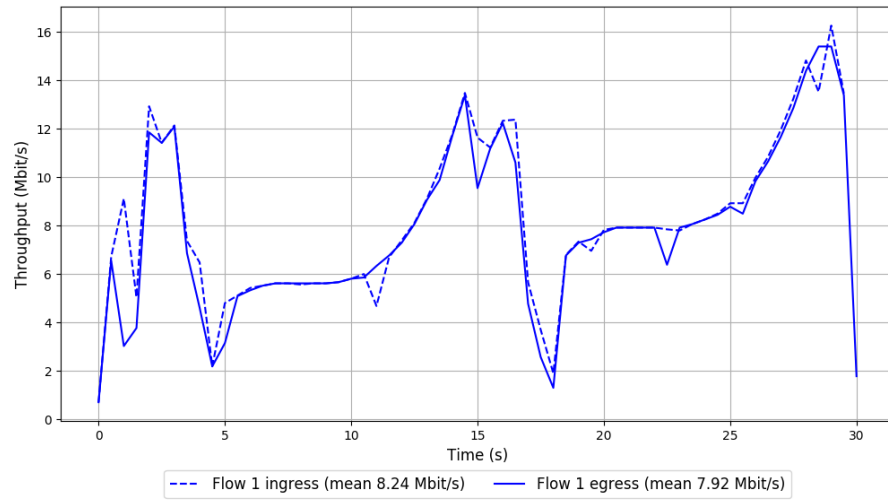


Run 9: Statistics of TCP Cubic

Start at: 2017-10-10 23:02:52
End at: 2017-10-10 23:03:22
Local clock offset: -2.636 ms
Remote clock offset: -3.968 ms

Below is generated by plot.py at 2017-10-10 23:34:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 7.92 Mbit/s
95th percentile per-packet one-way delay: 88.540 ms
Loss rate: 3.85%
-- Flow 1:
Average throughput: 7.92 Mbit/s
95th percentile per-packet one-way delay: 88.540 ms
Loss rate: 3.85%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2017-10-10 23:20:08

End at: 2017-10-10 23:20:38

Local clock offset: -2.331 ms

Remote clock offset: -3.906 ms

Below is generated by plot.py at 2017-10-10 23:34:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 8.98 Mbit/s

95th percentile per-packet one-way delay: 86.707 ms

Loss rate: 3.11%

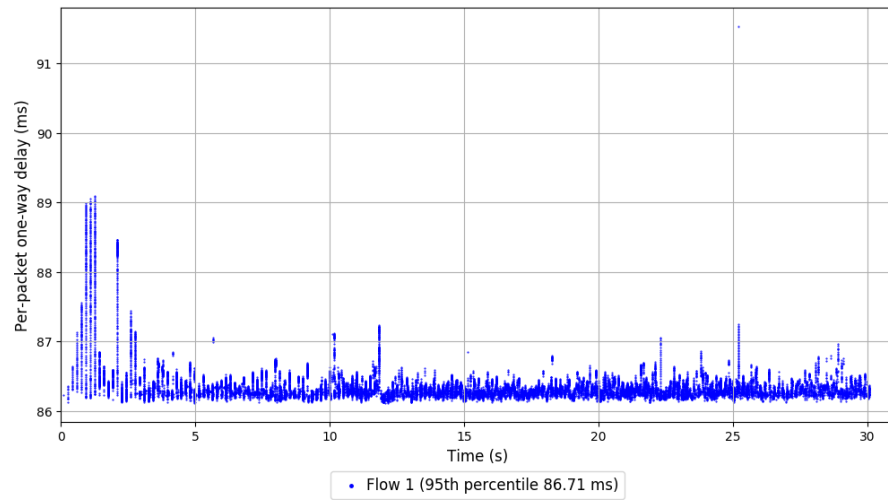
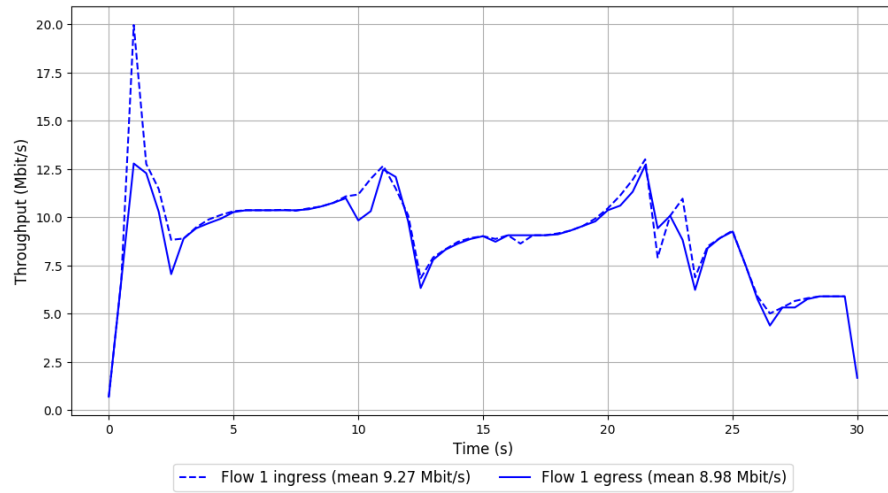
-- Flow 1:

Average throughput: 8.98 Mbit/s

95th percentile per-packet one-way delay: 86.707 ms

Loss rate: 3.11%

Run 10: Report of TCP Cubic — Data Link

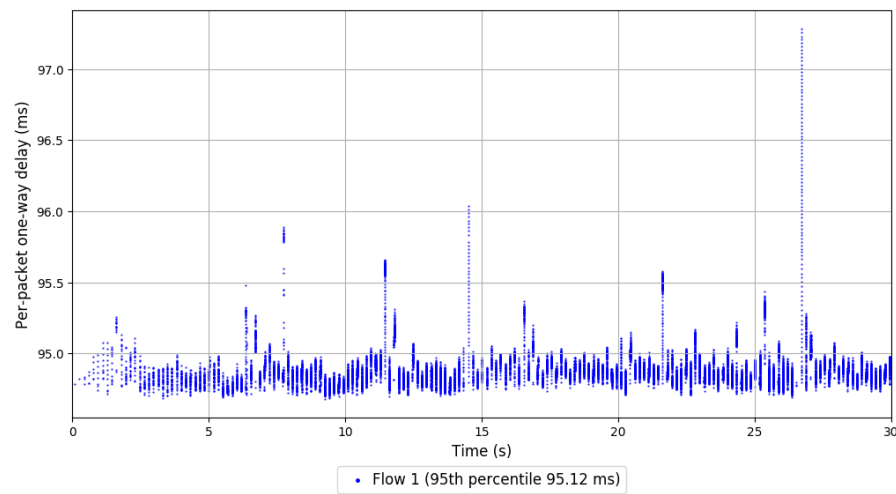
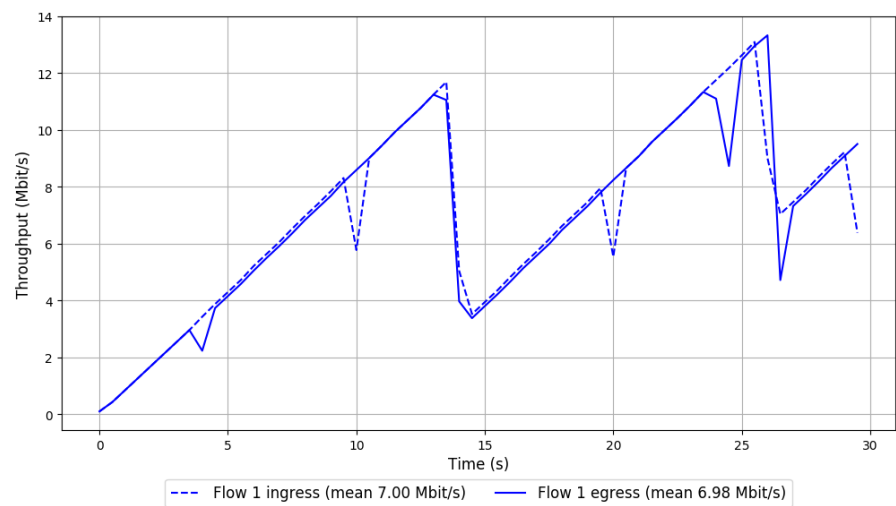


```
Run 1: Statistics of LEDBAT

Start at: 2017-10-10 20:38:46
End at: 2017-10-10 20:39:16
Local clock offset: -7.887 ms
Remote clock offset: 5.469 ms

# Below is generated by plot.py at 2017-10-10 23:34:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.98 Mbit/s
95th percentile per-packet one-way delay: 95.123 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 6.98 Mbit/s
95th percentile per-packet one-way delay: 95.123 ms
Loss rate: 0.16%
```


Run 1: Report of LEDBAT — Data Link

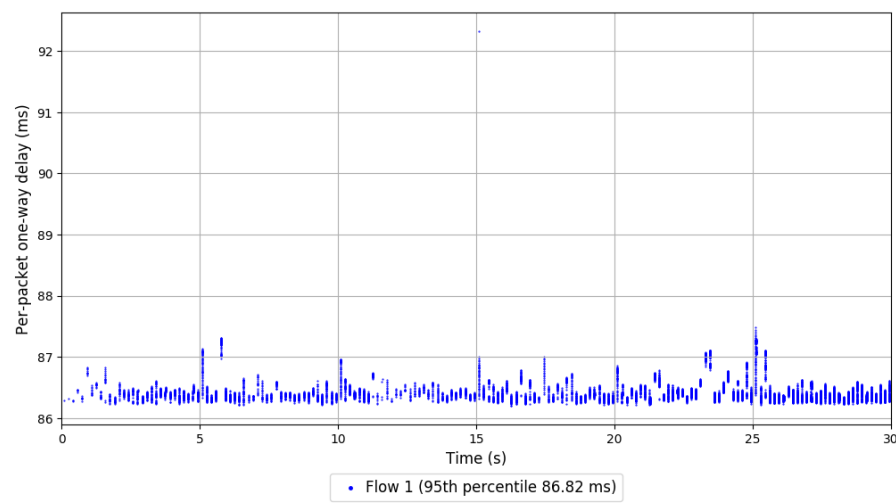
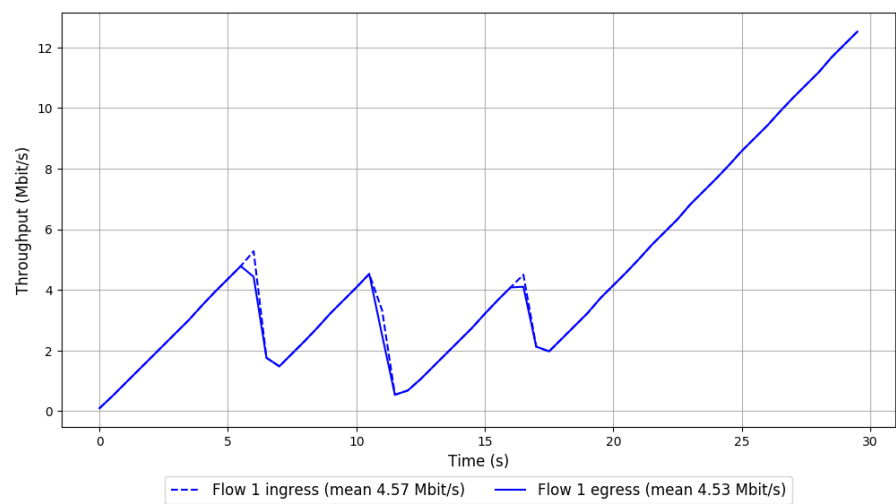


Run 2: Statistics of LEDBAT

Start at: 2017-10-10 20:56:30
End at: 2017-10-10 20:57:00
Local clock offset: -6.546 ms
Remote clock offset: -2.116 ms

Below is generated by plot.py at 2017-10-10 23:34:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.53 Mbit/s
95th percentile per-packet one-way delay: 86.820 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 4.53 Mbit/s
95th percentile per-packet one-way delay: 86.820 ms
Loss rate: 0.76%

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: 2017-10-10 21:13:57

End at: 2017-10-10 21:14:27

Local clock offset: -5.241 ms

Remote clock offset: -7.43 ms

Below is generated by plot.py at 2017-10-10 23:34:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.09 Mbit/s

95th percentile per-packet one-way delay: 83.235 ms

Loss rate: 1.10%

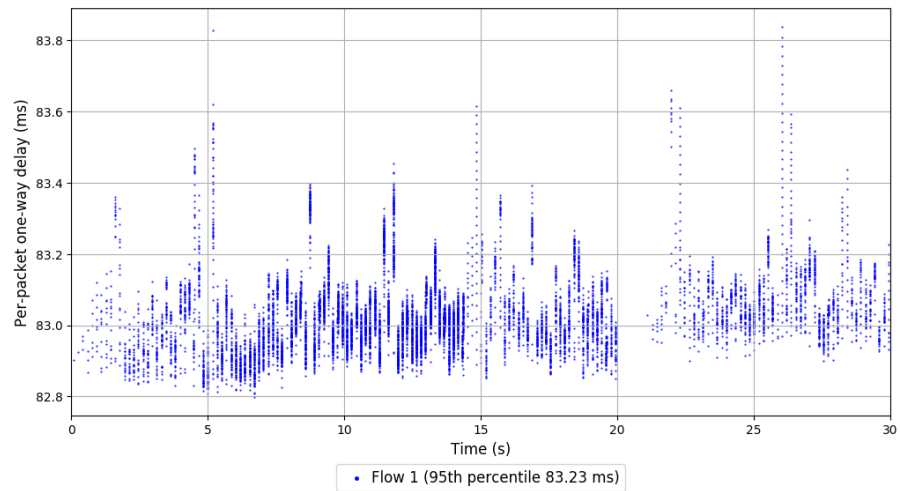
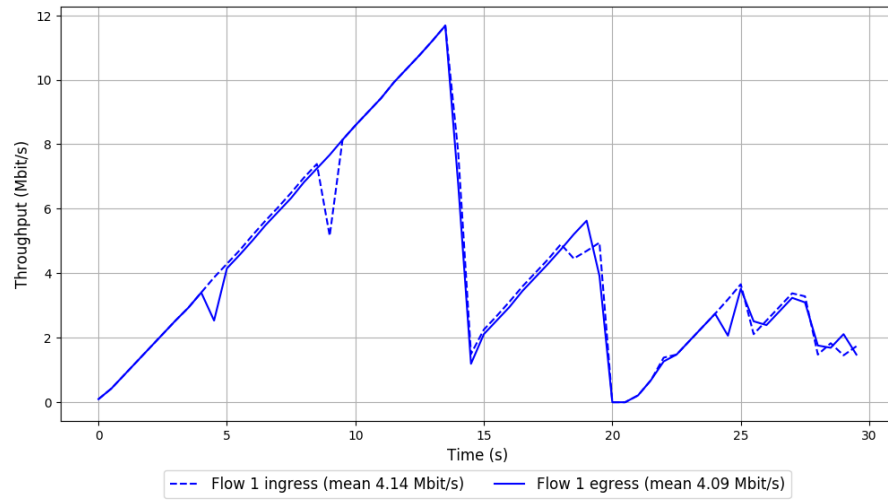
-- Flow 1:

Average throughput: 4.09 Mbit/s

95th percentile per-packet one-way delay: 83.235 ms

Loss rate: 1.10%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: 2017-10-10 21:31:37

End at: 2017-10-10 21:32:07

Local clock offset: -3.491 ms

Remote clock offset: -2.96 ms

Below is generated by plot.py at 2017-10-10 23:34:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.47 Mbit/s

95th percentile per-packet one-way delay: 86.749 ms

Loss rate: 1.68%

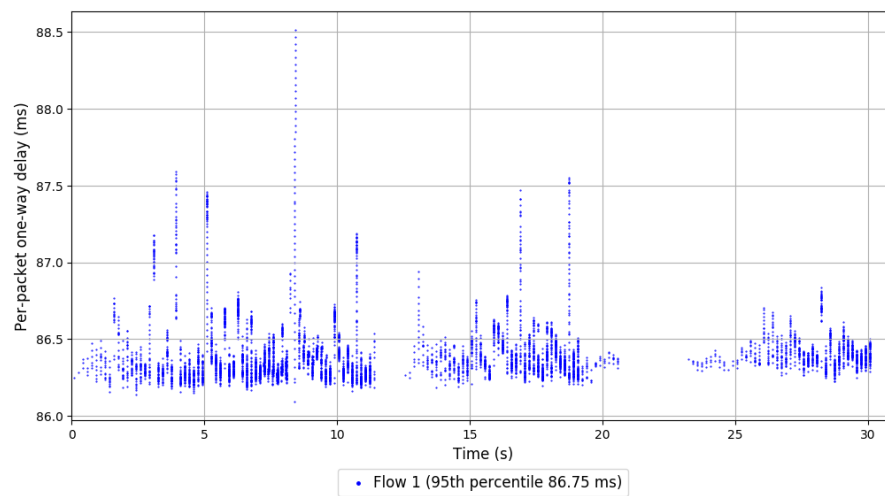
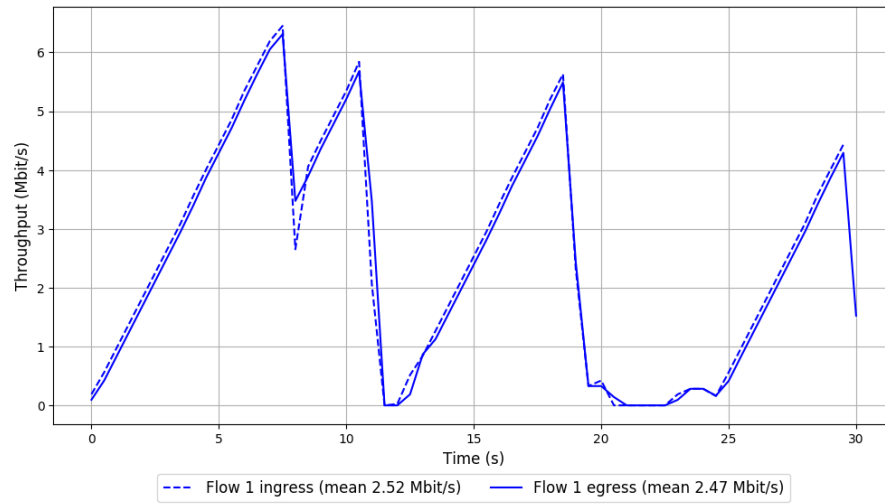
-- Flow 1:

Average throughput: 2.47 Mbit/s

95th percentile per-packet one-way delay: 86.749 ms

Loss rate: 1.68%

Run 4: Report of LEDBAT — Data Link

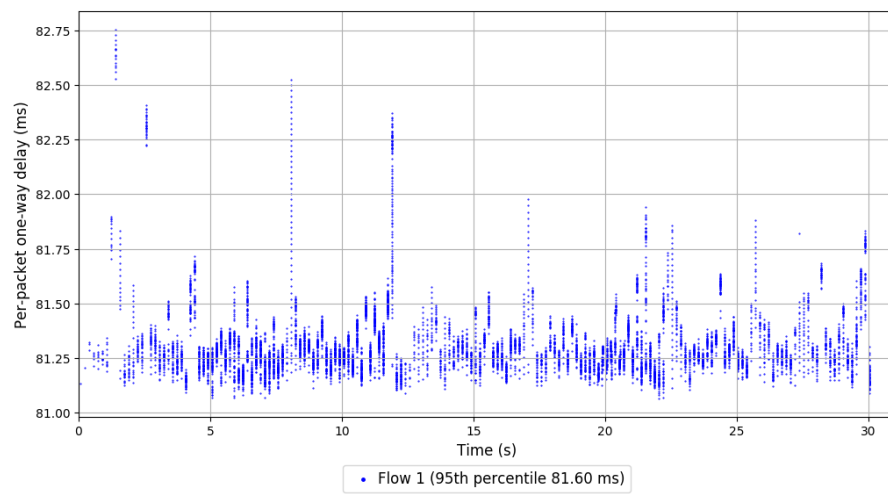
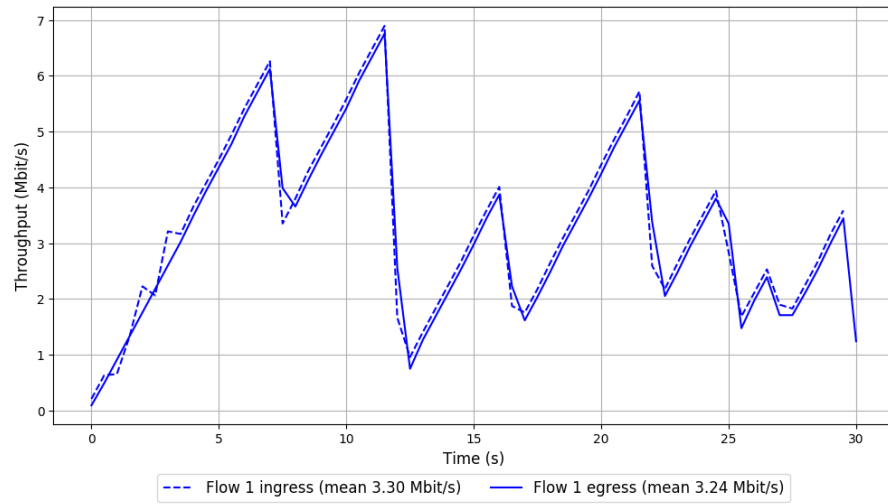


Run 5: Statistics of LEDBAT

Start at: 2017-10-10 21:49:20
End at: 2017-10-10 21:49:50
Local clock offset: -2.485 ms
Remote clock offset: -8.226 ms

Below is generated by plot.py at 2017-10-10 23:34:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 3.24 Mbit/s
95th percentile per-packet one-way delay: 81.597 ms
Loss rate: 1.86%
-- Flow 1:
Average throughput: 3.24 Mbit/s
95th percentile per-packet one-way delay: 81.597 ms
Loss rate: 1.86%

Run 5: Report of LEDBAT — Data Link

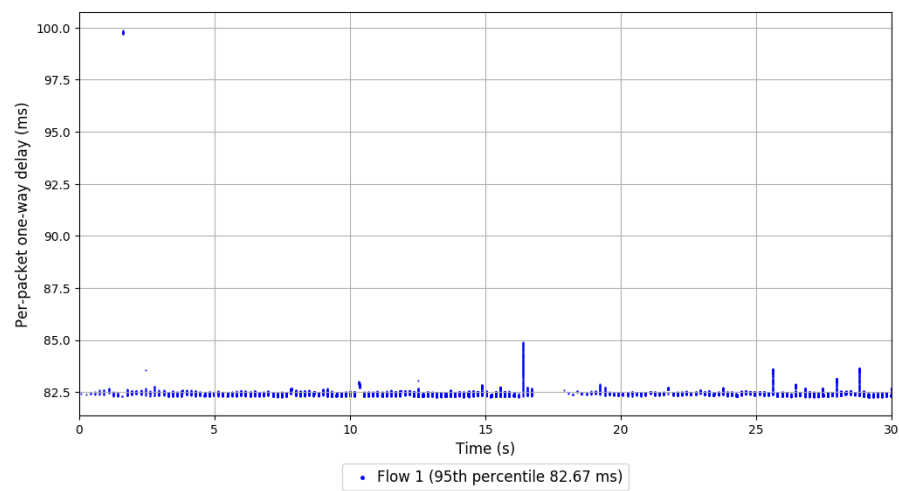
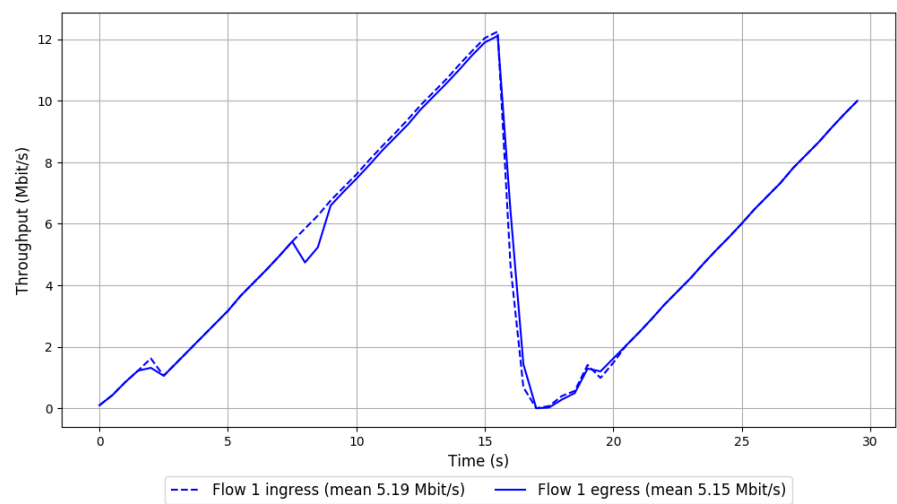


Run 6: Statistics of LEDBAT

Start at: 2017-10-10 22:07:25
End at: 2017-10-10 22:07:55
Local clock offset: -2.582 ms
Remote clock offset: -8.554 ms

Below is generated by plot.py at 2017-10-10 23:34:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 5.15 Mbit/s
95th percentile per-packet one-way delay: 82.666 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 5.15 Mbit/s
95th percentile per-packet one-way delay: 82.666 ms
Loss rate: 0.63%

Run 6: Report of LEDBAT — Data Link

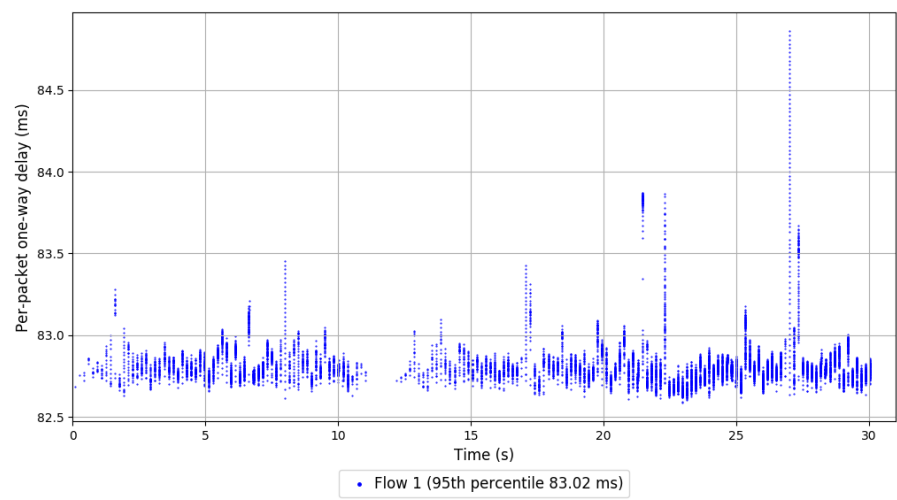
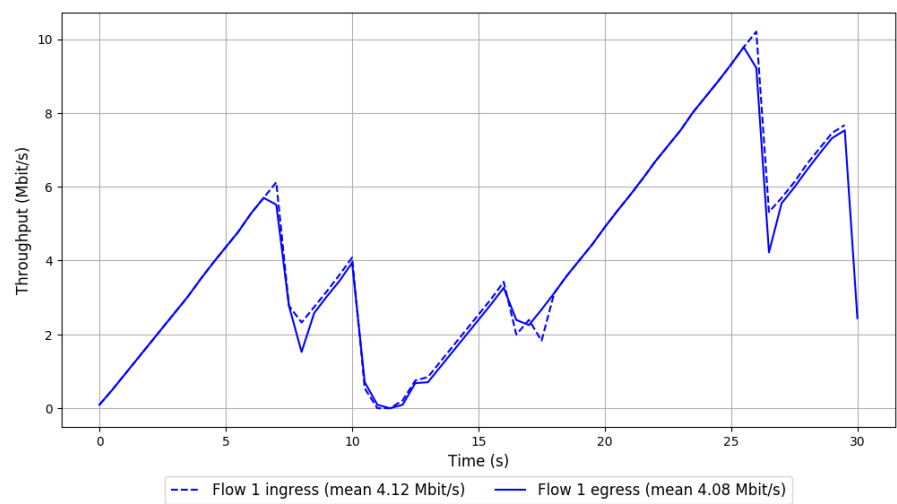


Run 7: Statistics of LEDBAT

Start at: 2017-10-10 22:24:55
End at: 2017-10-10 22:25:25
Local clock offset: -2.813 ms
Remote clock offset: -8.727 ms

Below is generated by plot.py at 2017-10-10 23:34:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.08 Mbit/s
95th percentile per-packet one-way delay: 83.023 ms
Loss rate: 0.96%
-- Flow 1:
Average throughput: 4.08 Mbit/s
95th percentile per-packet one-way delay: 83.023 ms
Loss rate: 0.96%

Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: 2017-10-10 22:42:56

End at: 2017-10-10 22:43:26

Local clock offset: -3.007 ms

Remote clock offset: -3.87 ms

Below is generated by plot.py at 2017-10-10 23:34:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.80 Mbit/s

95th percentile per-packet one-way delay: 88.328 ms

Loss rate: 0.45%

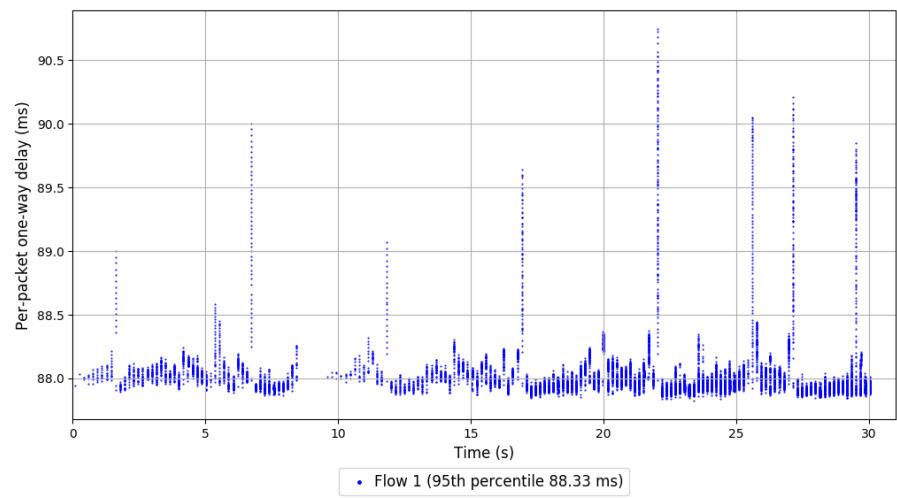
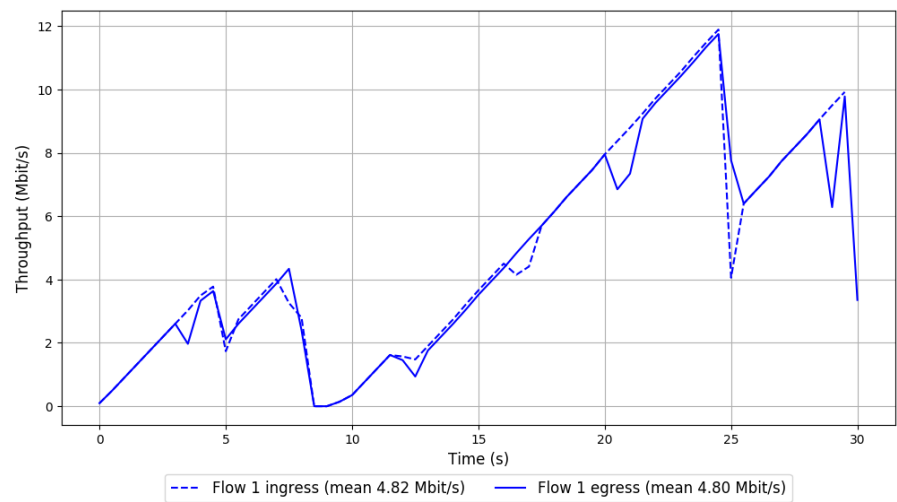
-- Flow 1:

Average throughput: 4.80 Mbit/s

95th percentile per-packet one-way delay: 88.328 ms

Loss rate: 0.45%

Run 8: Report of LEDBAT — Data Link

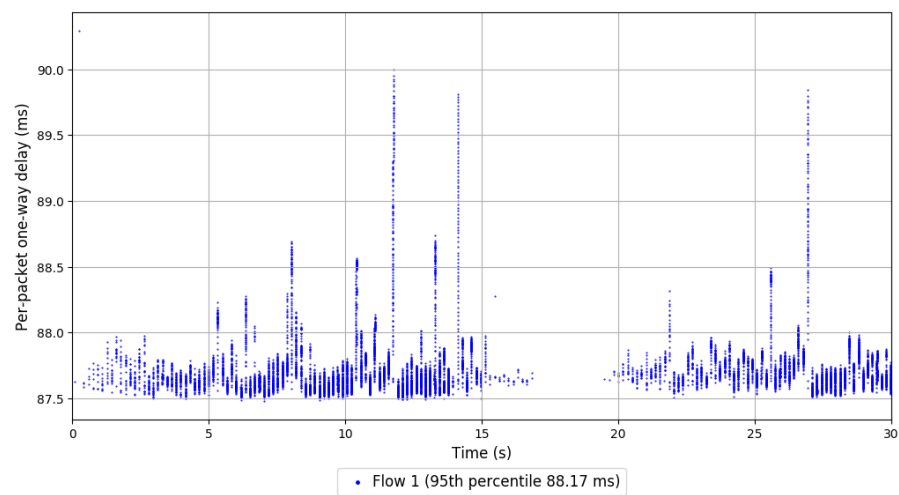
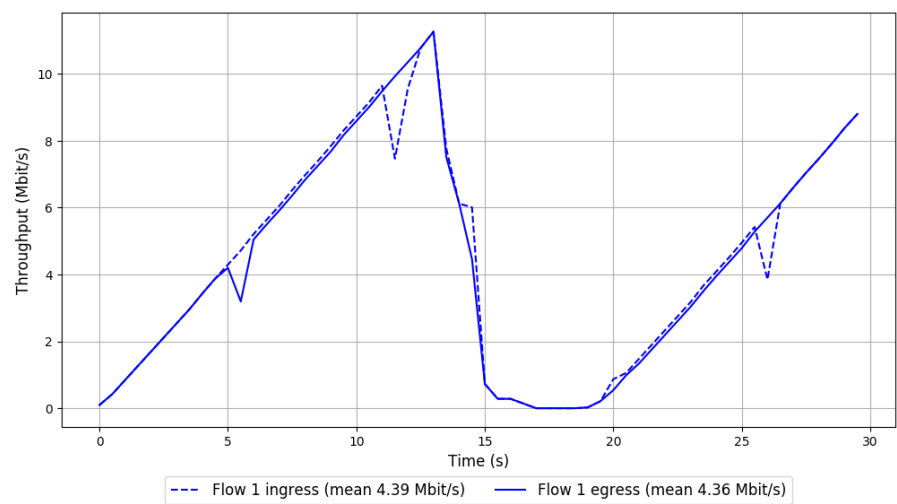


Run 9: Statistics of LEDBAT

Start at: 2017-10-10 23:00:20
End at: 2017-10-10 23:00:50
Local clock offset: -2.795 ms
Remote clock offset: -3.769 ms

Below is generated by plot.py at 2017-10-10 23:34:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.36 Mbit/s
95th percentile per-packet one-way delay: 88.170 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 4.36 Mbit/s
95th percentile per-packet one-way delay: 88.170 ms
Loss rate: 0.69%

Run 9: Report of LEDBAT — Data Link

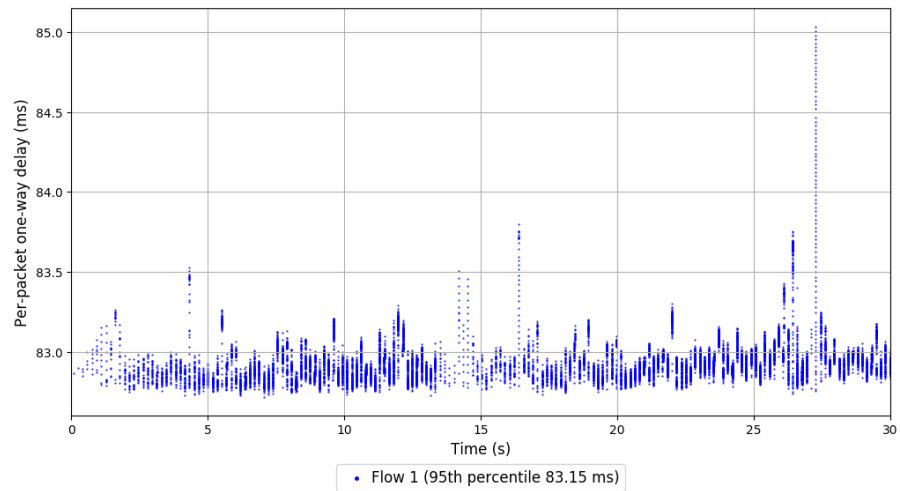
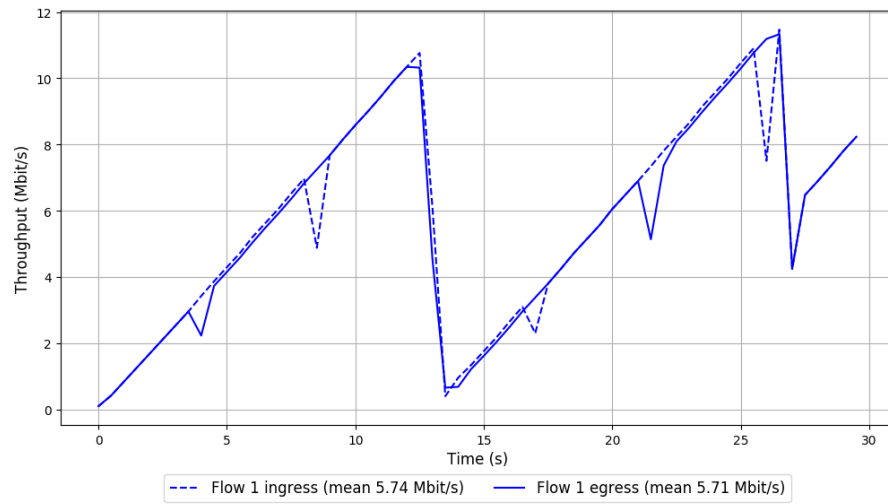


Run 10: Statistics of LEDBAT

Start at: 2017-10-10 23:17:36
End at: 2017-10-10 23:18:06
Local clock offset: -2.465 ms
Remote clock offset: -8.923 ms

Below is generated by plot.py at 2017-10-10 23:34:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 5.71 Mbit/s
95th percentile per-packet one-way delay: 83.150 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 5.71 Mbit/s
95th percentile per-packet one-way delay: 83.150 ms
Loss rate: 0.53%

Run 10: Report of LEDBAT — Data Link

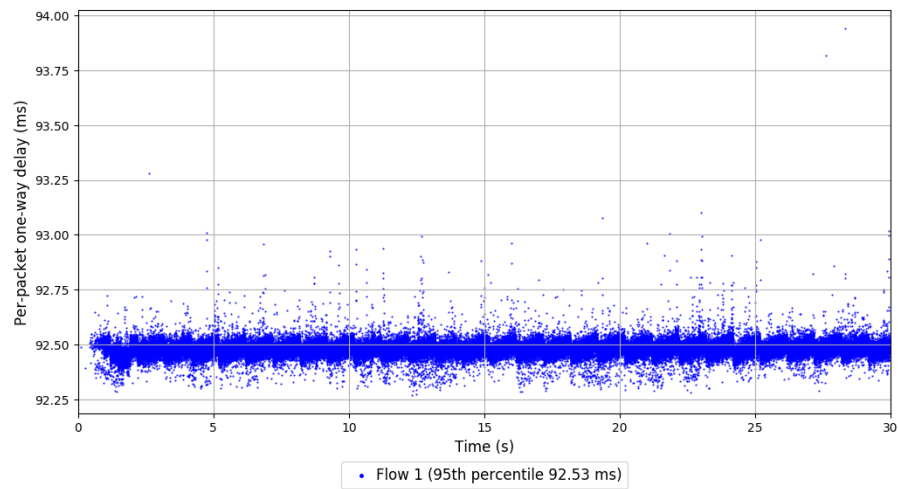
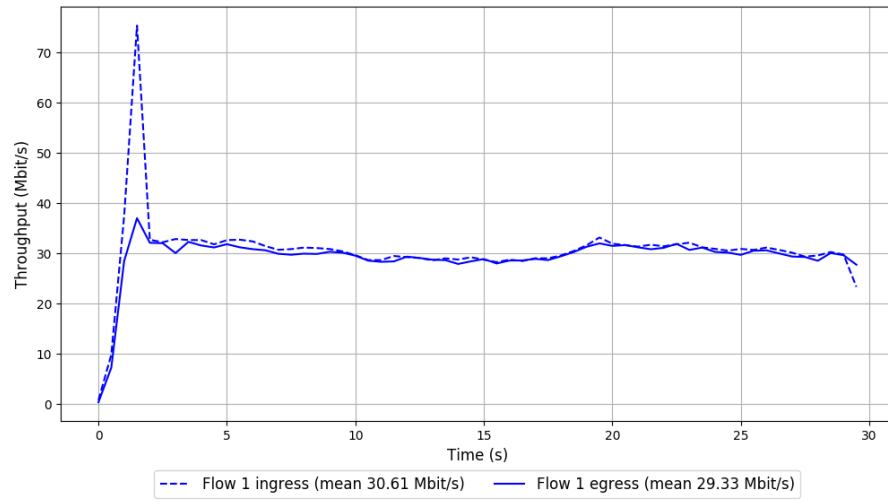


```
Run 1: Statistics of PCC

Start at: 2017-10-10 20:36:16
End at: 2017-10-10 20:36:46
Local clock offset: -7.903 ms
Remote clock offset: 2.935 ms

# Below is generated by plot.py at 2017-10-10 23:34:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 29.33 Mbit/s
95th percentile per-packet one-way delay: 92.534 ms
Loss rate: 4.18%
-- Flow 1:
Average throughput: 29.33 Mbit/s
95th percentile per-packet one-way delay: 92.534 ms
Loss rate: 4.18%
```

Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

Start at: 2017-10-10 20:53:57

End at: 2017-10-10 20:54:27

Local clock offset: -6.636 ms

Remote clock offset: 8.893 ms

Below is generated by plot.py at 2017-10-10 23:34:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 31.71 Mbit/s

95th percentile per-packet one-way delay: 98.758 ms

Loss rate: 3.63%

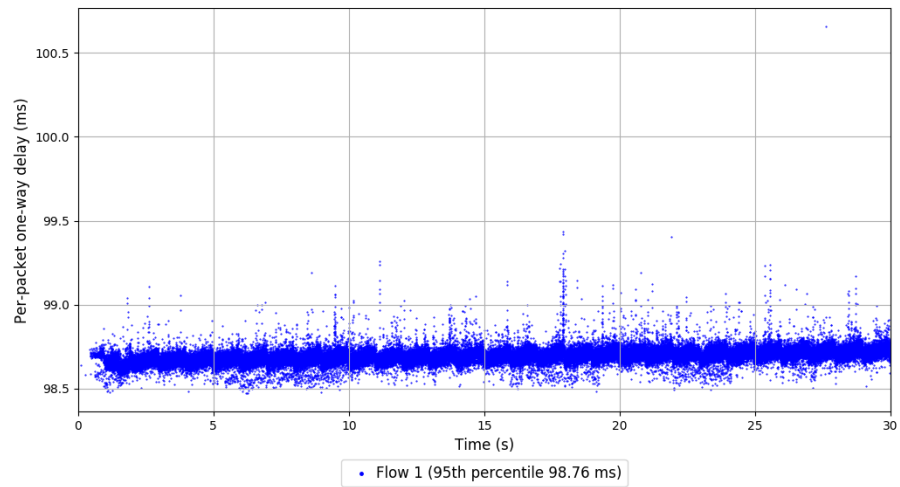
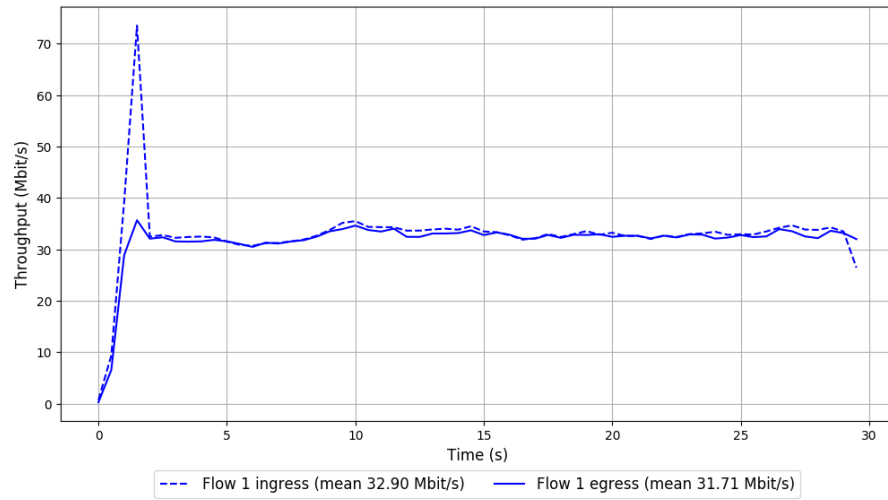
-- Flow 1:

Average throughput: 31.71 Mbit/s

95th percentile per-packet one-way delay: 98.758 ms

Loss rate: 3.63%

Run 2: Report of PCC — Data Link

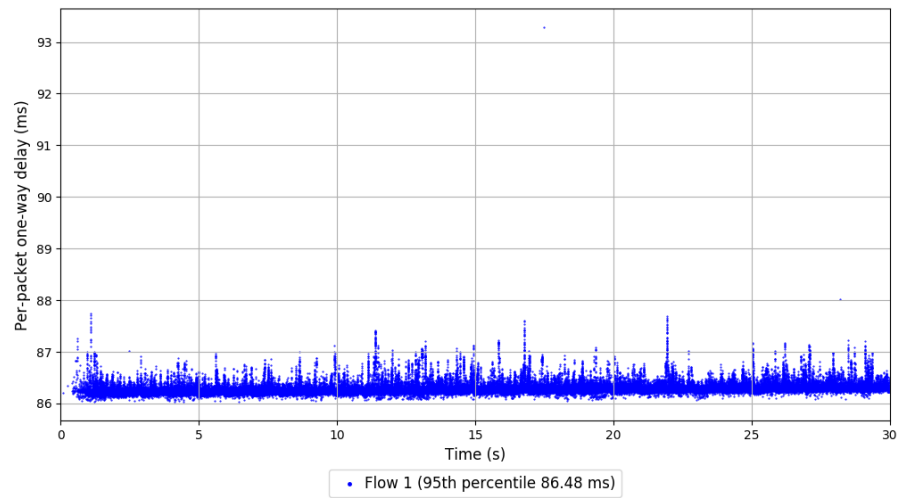
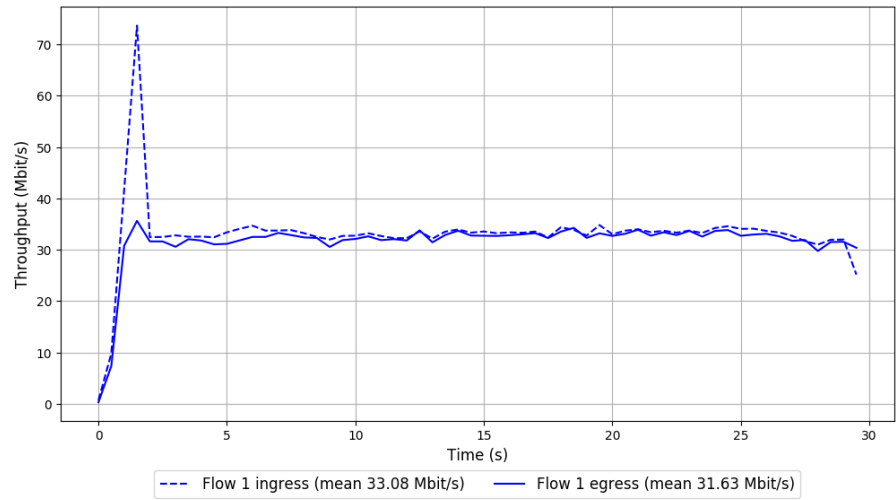


Run 3: Statistics of PCC

Start at: 2017-10-10 21:11:19
End at: 2017-10-10 21:11:49
Local clock offset: -5.695 ms
Remote clock offset: -2.543 ms

Below is generated by plot.py at 2017-10-10 23:34:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 31.63 Mbit/s
95th percentile per-packet one-way delay: 86.476 ms
Loss rate: 4.39%
-- Flow 1:
Average throughput: 31.63 Mbit/s
95th percentile per-packet one-way delay: 86.476 ms
Loss rate: 4.39%

Run 3: Report of PCC — Data Link

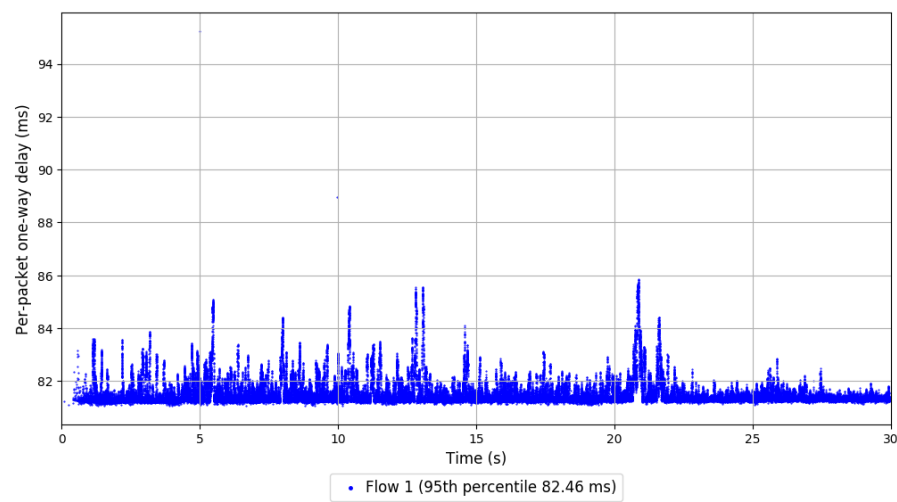
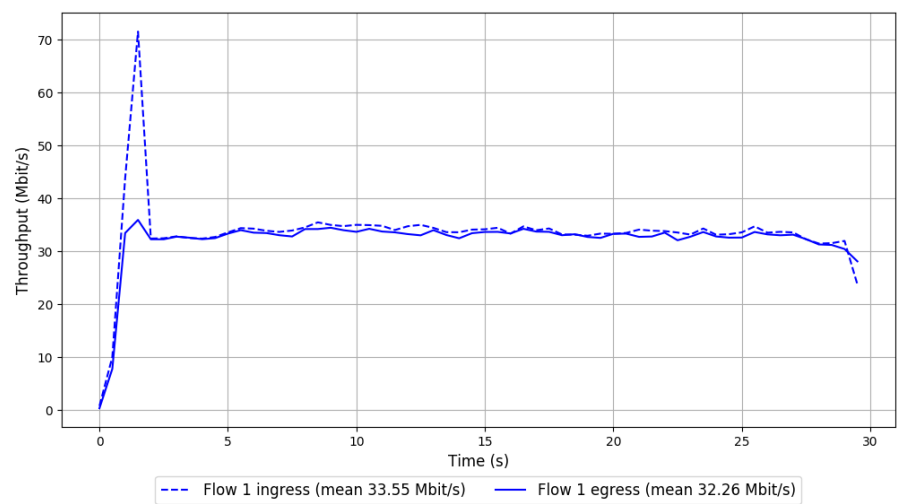


Run 4: Statistics of PCC

Start at: 2017-10-10 21:28:47
End at: 2017-10-10 21:29:17
Local clock offset: -3.776 ms
Remote clock offset: -7.814 ms

Below is generated by plot.py at 2017-10-10 23:34:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 32.26 Mbit/s
95th percentile per-packet one-way delay: 82.464 ms
Loss rate: 3.83%
-- Flow 1:
Average throughput: 32.26 Mbit/s
95th percentile per-packet one-way delay: 82.464 ms
Loss rate: 3.83%

Run 4: Report of PCC — Data Link

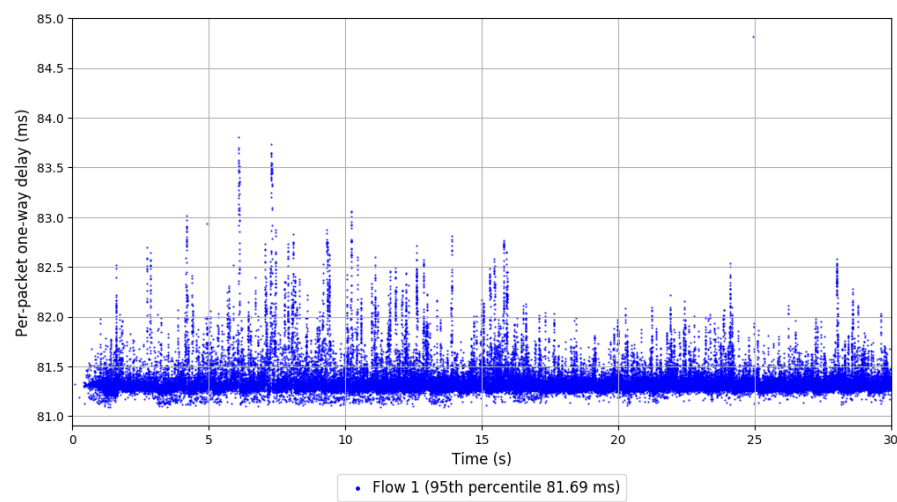
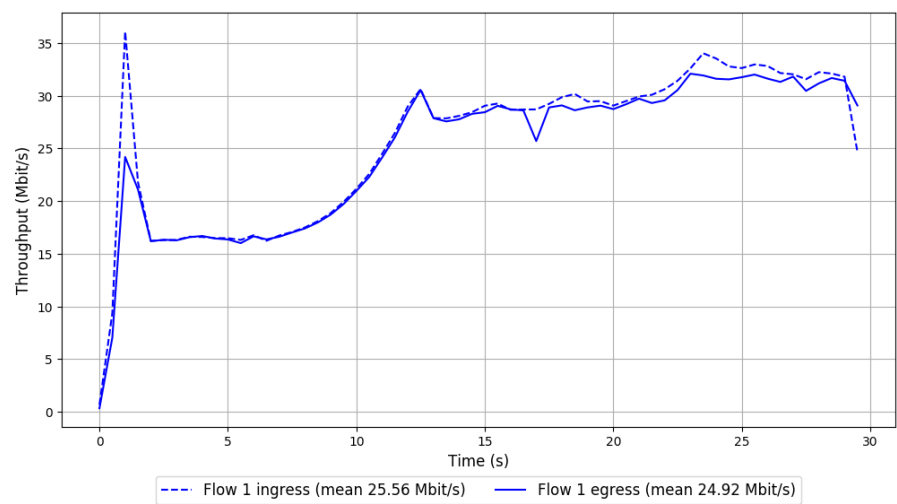


Run 5: Statistics of PCC

Start at: 2017-10-10 21:46:43
End at: 2017-10-10 21:47:13
Local clock offset: -2.589 ms
Remote clock offset: -8.081 ms

Below is generated by plot.py at 2017-10-10 23:34:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.92 Mbit/s
95th percentile per-packet one-way delay: 81.688 ms
Loss rate: 2.52%
-- Flow 1:
Average throughput: 24.92 Mbit/s
95th percentile per-packet one-way delay: 81.688 ms
Loss rate: 2.52%

Run 5: Report of PCC — Data Link



Run 6: Statistics of PCC

Start at: 2017-10-10 22:04:30

End at: 2017-10-10 22:05:00

Local clock offset: -2.514 ms

Remote clock offset: -3.5 ms

Below is generated by plot.py at 2017-10-10 23:34:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 31.75 Mbit/s

95th percentile per-packet one-way delay: 86.608 ms

Loss rate: 4.69%

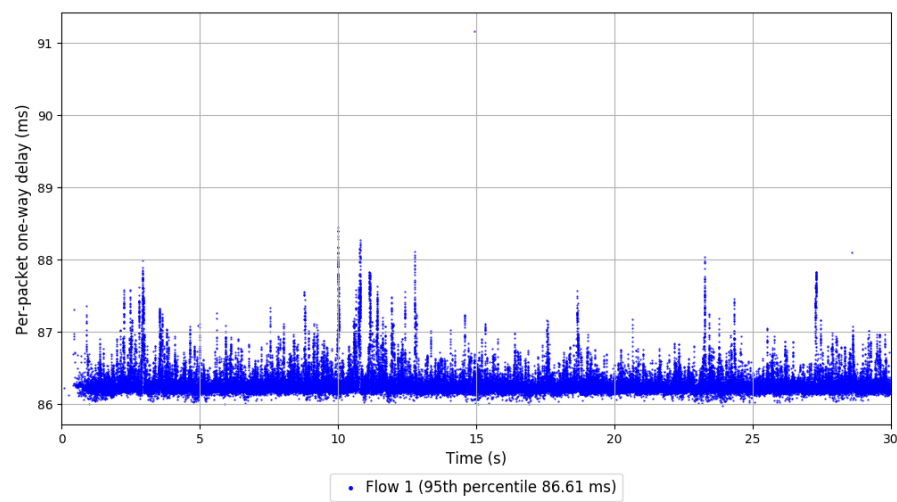
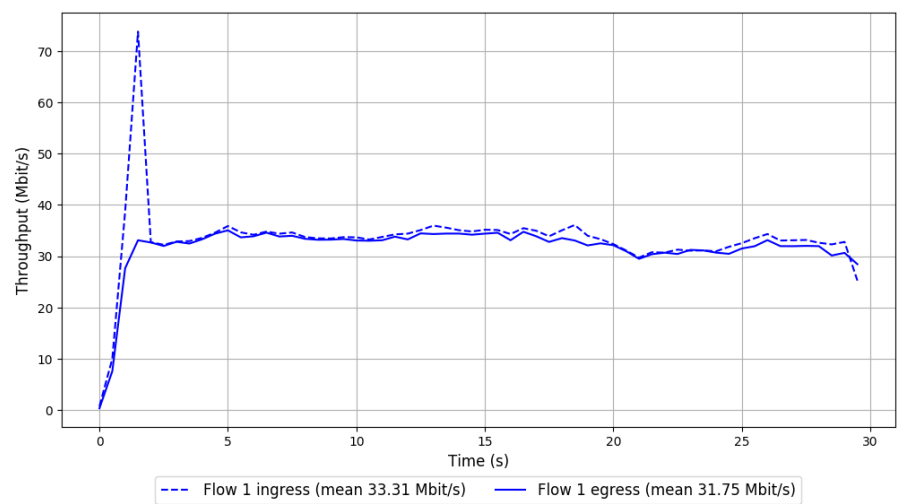
-- Flow 1:

Average throughput: 31.75 Mbit/s

95th percentile per-packet one-way delay: 86.608 ms

Loss rate: 4.69%

Run 6: Report of PCC — Data Link

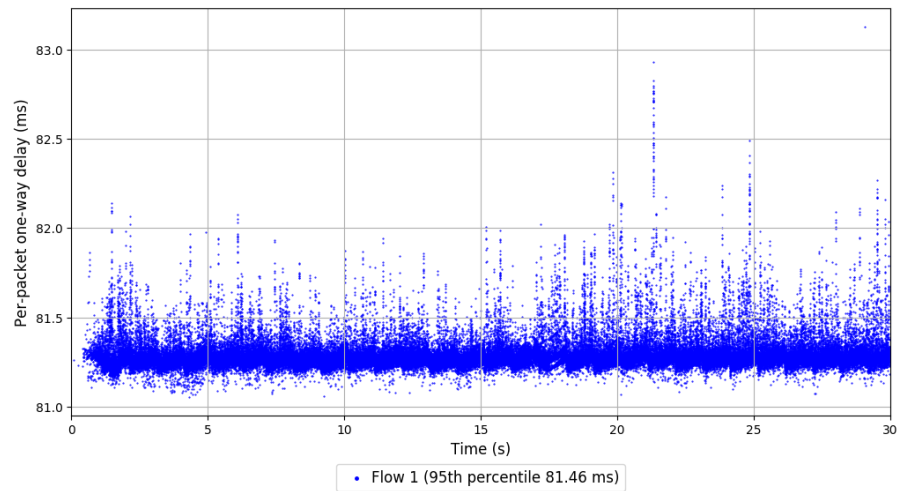
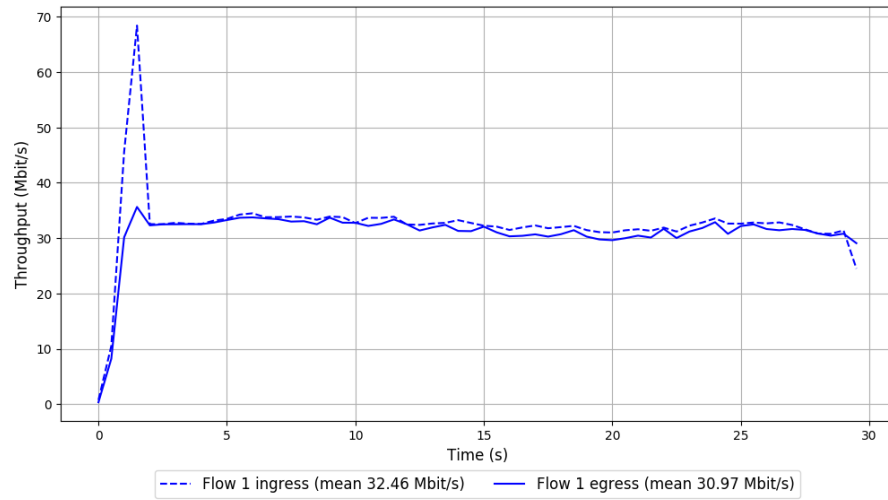


Run 7: Statistics of PCC

Start at: 2017-10-10 22:22:25
End at: 2017-10-10 22:22:55
Local clock offset: -2.925 ms
Remote clock offset: -8.731 ms

Below is generated by plot.py at 2017-10-10 23:34:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 30.97 Mbit/s
95th percentile per-packet one-way delay: 81.458 ms
Loss rate: 4.60%
-- Flow 1:
Average throughput: 30.97 Mbit/s
95th percentile per-packet one-way delay: 81.458 ms
Loss rate: 4.60%

Run 7: Report of PCC — Data Link

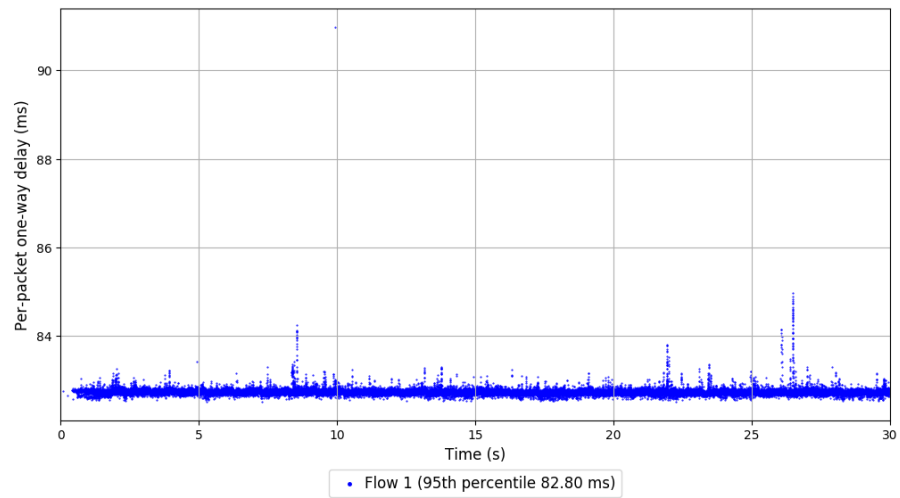
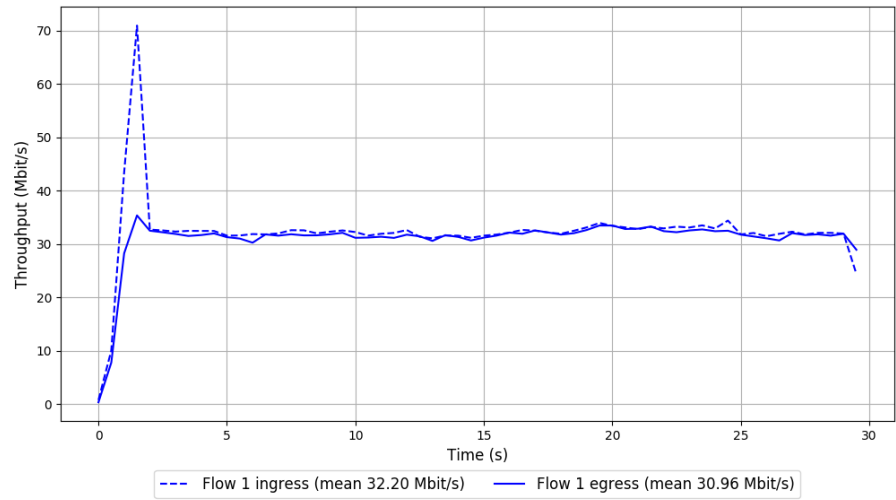


Run 8: Statistics of PCC

Start at: 2017-10-10 22:40:30
End at: 2017-10-10 22:41:00
Local clock offset: -2.844 ms
Remote clock offset: -8.656 ms

Below is generated by plot.py at 2017-10-10 23:34:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 30.96 Mbit/s
95th percentile per-packet one-way delay: 82.800 ms
Loss rate: 3.87%
-- Flow 1:
Average throughput: 30.96 Mbit/s
95th percentile per-packet one-way delay: 82.800 ms
Loss rate: 3.87%

Run 8: Report of PCC — Data Link

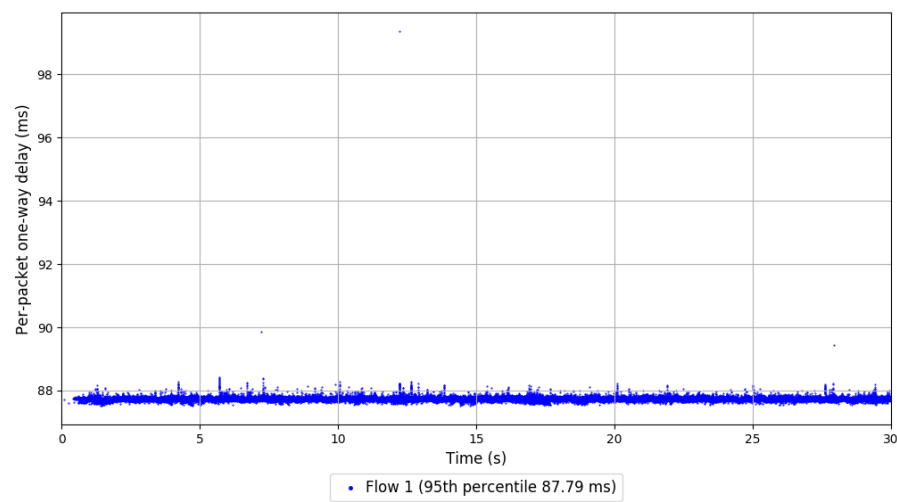
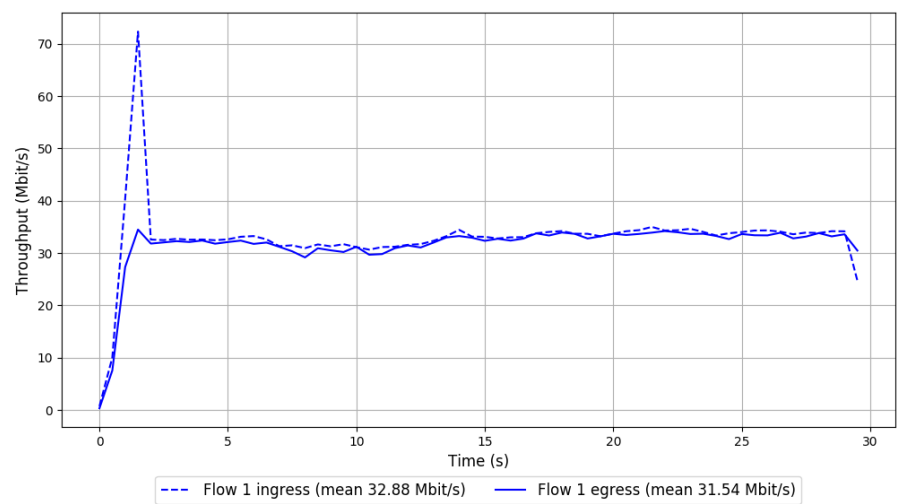


Run 9: Statistics of PCC

Start at: 2017-10-10 22:57:49
End at: 2017-10-10 22:58:19
Local clock offset: -2.859 ms
Remote clock offset: -3.709 ms

Below is generated by plot.py at 2017-10-10 23:35:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 31.54 Mbit/s
95th percentile per-packet one-way delay: 87.787 ms
Loss rate: 4.09%
-- Flow 1:
Average throughput: 31.54 Mbit/s
95th percentile per-packet one-way delay: 87.787 ms
Loss rate: 4.09%

Run 9: Report of PCC — Data Link

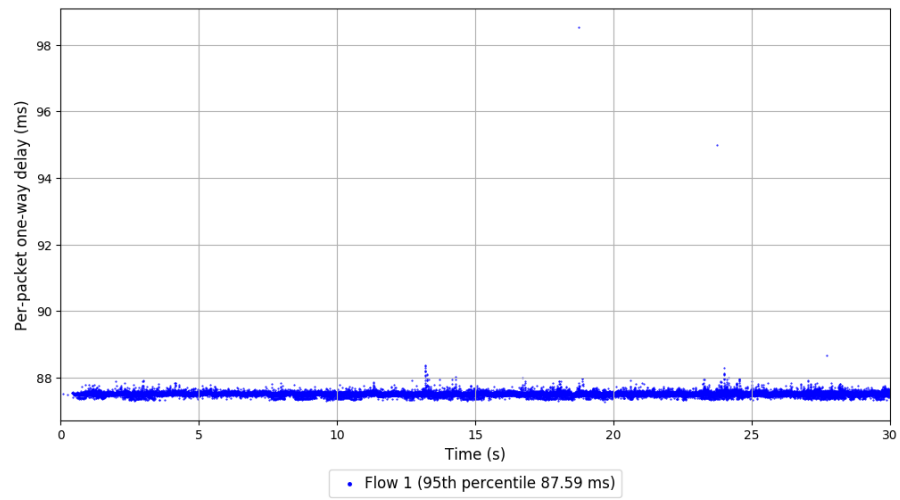
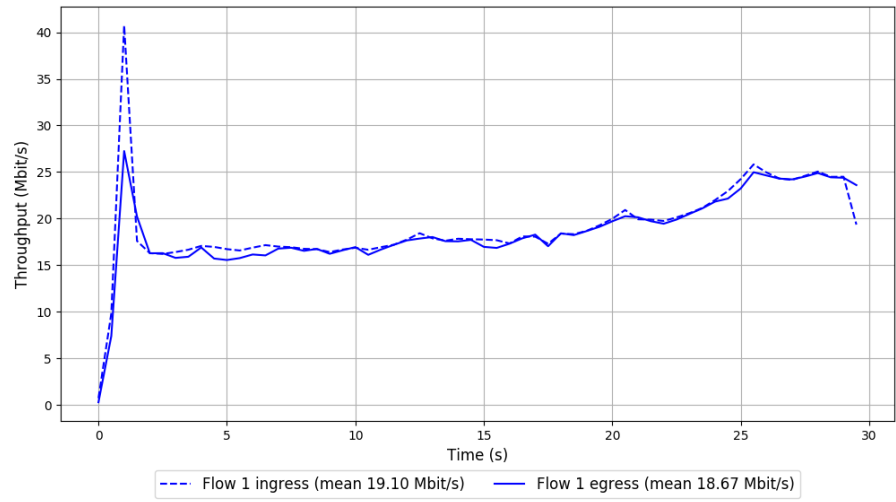


Run 10: Statistics of PCC

Start at: 2017-10-10 23:15:06
End at: 2017-10-10 23:15:36
Local clock offset: -2.417 ms
Remote clock offset: -3.867 ms

Below is generated by plot.py at 2017-10-10 23:35:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 18.67 Mbit/s
95th percentile per-packet one-way delay: 87.589 ms
Loss rate: 2.24%
-- Flow 1:
Average throughput: 18.67 Mbit/s
95th percentile per-packet one-way delay: 87.589 ms
Loss rate: 2.24%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

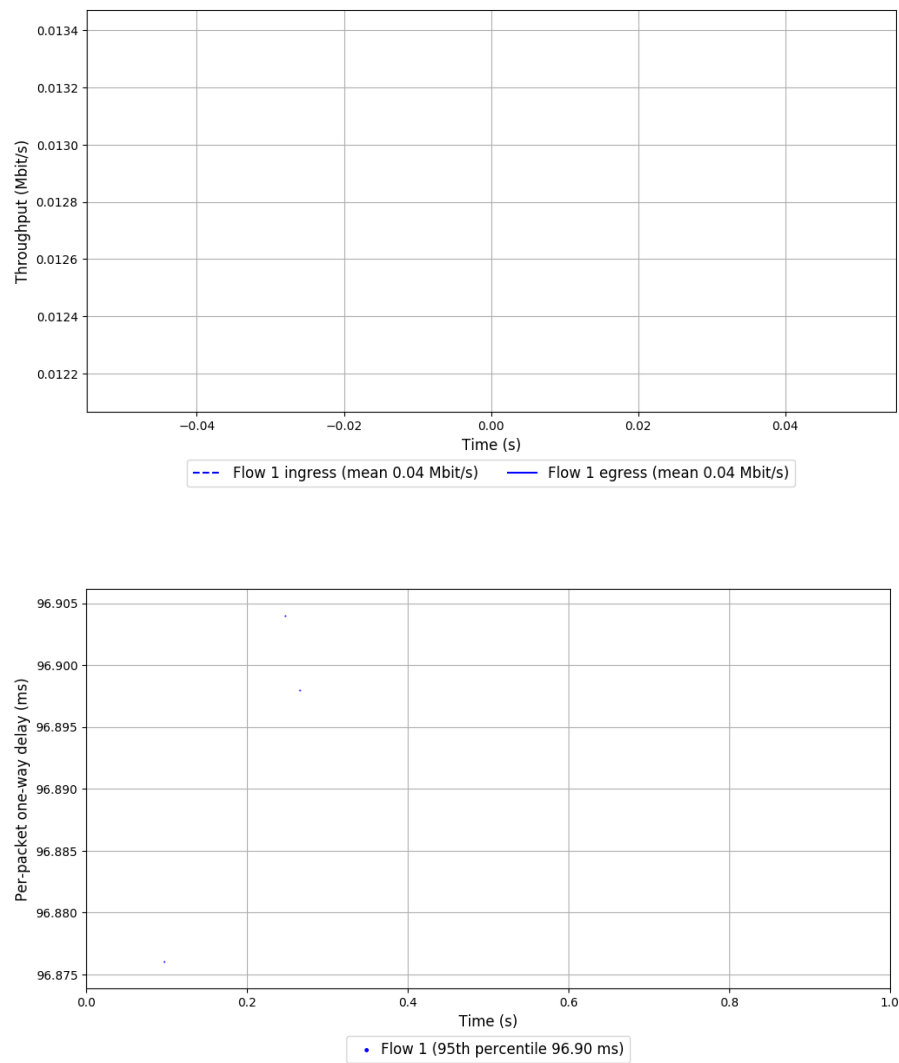
Start at: 2017-10-10 20:30:06

End at: 2017-10-10 20:30:36

Local clock offset: -7.753 ms

Remote clock offset: 7.299 ms

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2017-10-10 20:47:53

End at: 2017-10-10 20:48:23

Local clock offset: -7.376 ms

Remote clock offset: -2.372 ms

Below is generated by plot.py at 2017-10-10 23:35:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 20.78 Mbit/s

95th percentile per-packet one-way delay: 87.196 ms

Loss rate: 2.20%

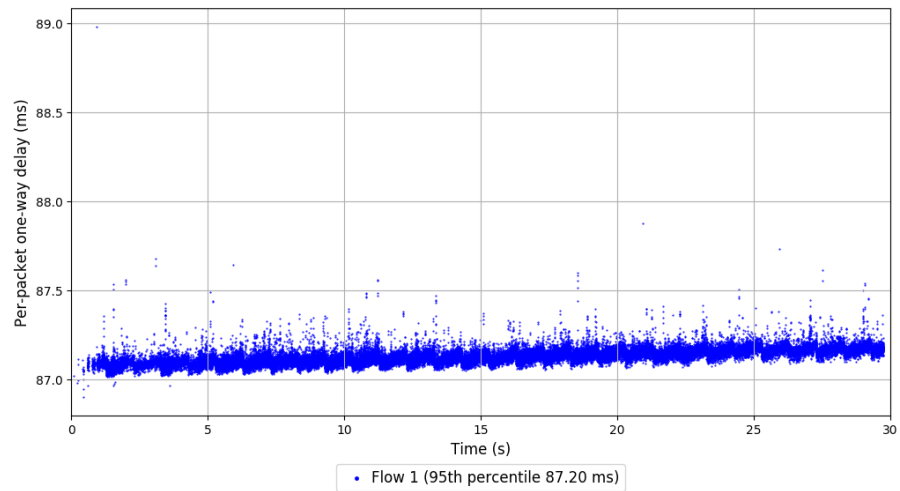
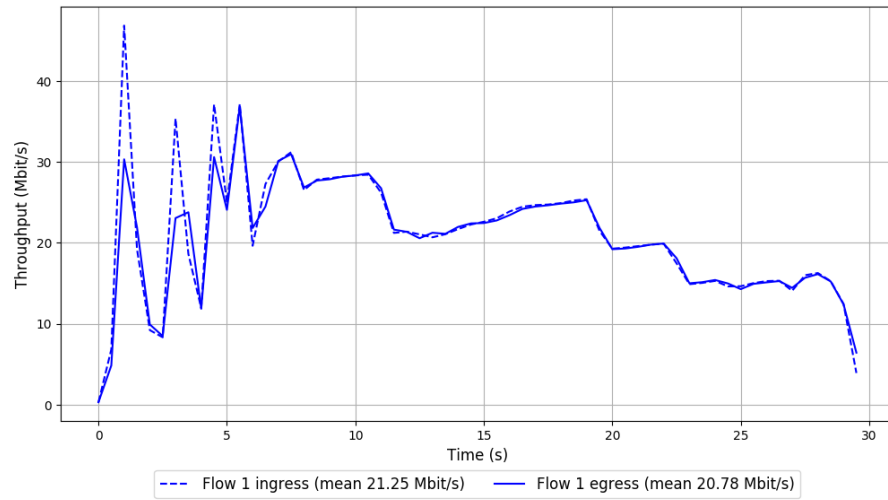
-- Flow 1:

Average throughput: 20.78 Mbit/s

95th percentile per-packet one-way delay: 87.196 ms

Loss rate: 2.20%

Run 2: Report of QUIC Cubic — Data Link

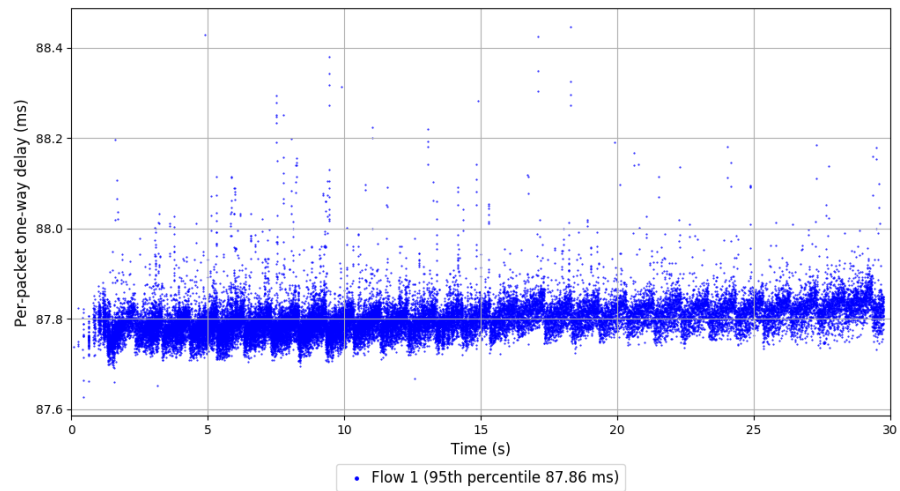
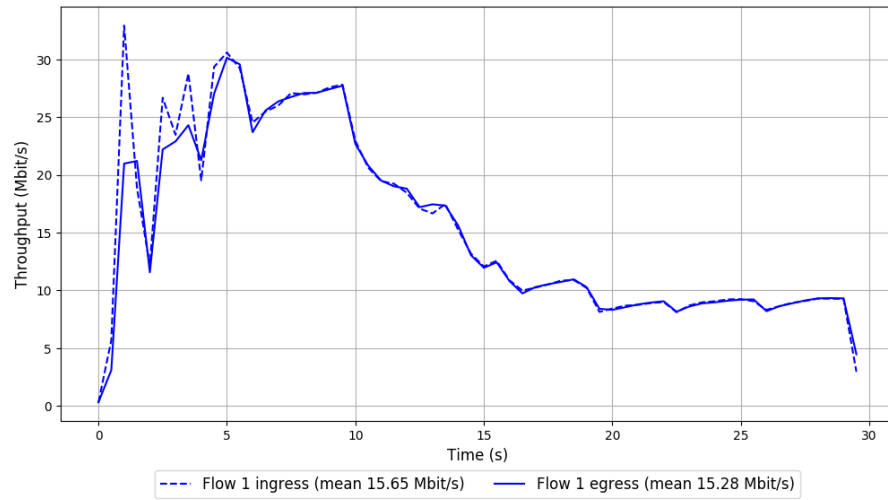


Run 3: Statistics of QUIC Cubic

Start at: 2017-10-10 21:05:21
End at: 2017-10-10 21:05:51
Local clock offset: -5.937 ms
Remote clock offset: -2.525 ms

Below is generated by plot.py at 2017-10-10 23:35:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.28 Mbit/s
95th percentile per-packet one-way delay: 87.856 ms
Loss rate: 2.35%
-- Flow 1:
Average throughput: 15.28 Mbit/s
95th percentile per-packet one-way delay: 87.856 ms
Loss rate: 2.35%

Run 3: Report of QUIC Cubic — Data Link

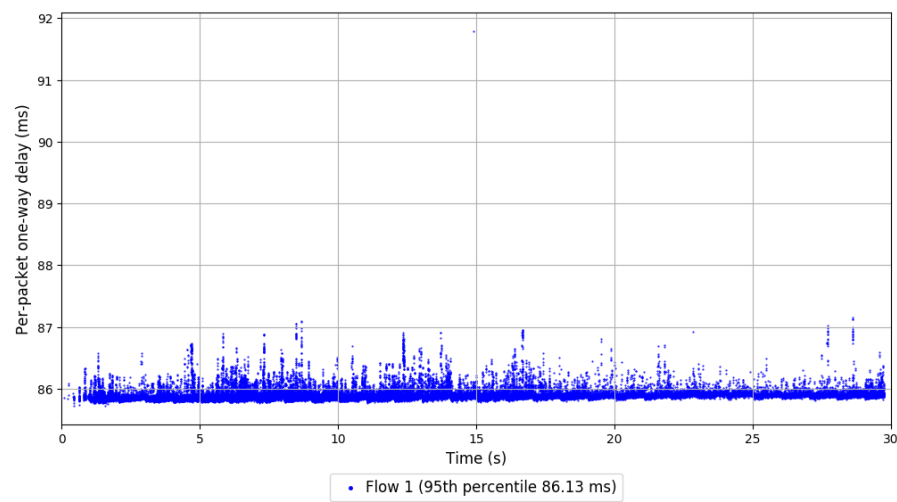
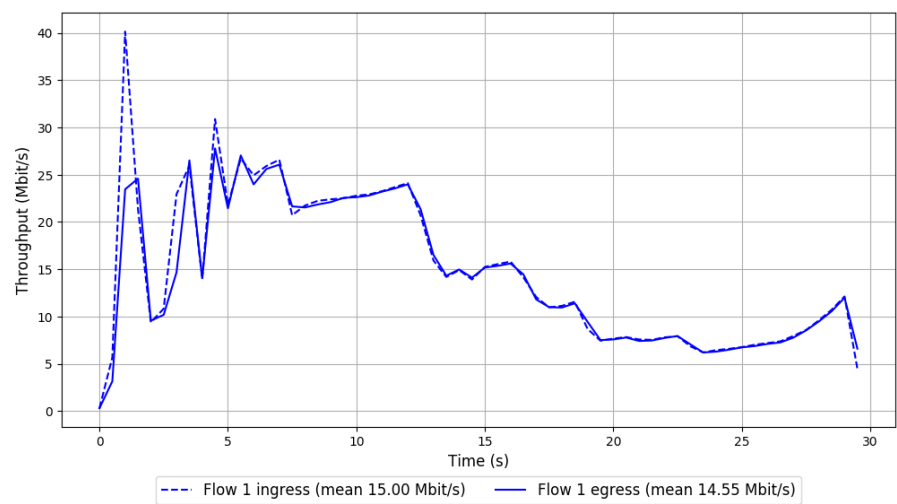


Run 4: Statistics of QUIC Cubic

Start at: 2017-10-10 21:22:41
End at: 2017-10-10 21:23:11
Local clock offset: -4.195 ms
Remote clock offset: -2.838 ms

Below is generated by plot.py at 2017-10-10 23:35:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 14.55 Mbit/s
95th percentile per-packet one-way delay: 86.131 ms
Loss rate: 3.04%
-- Flow 1:
Average throughput: 14.55 Mbit/s
95th percentile per-packet one-way delay: 86.131 ms
Loss rate: 3.04%

Run 4: Report of QUIC Cubic — Data Link

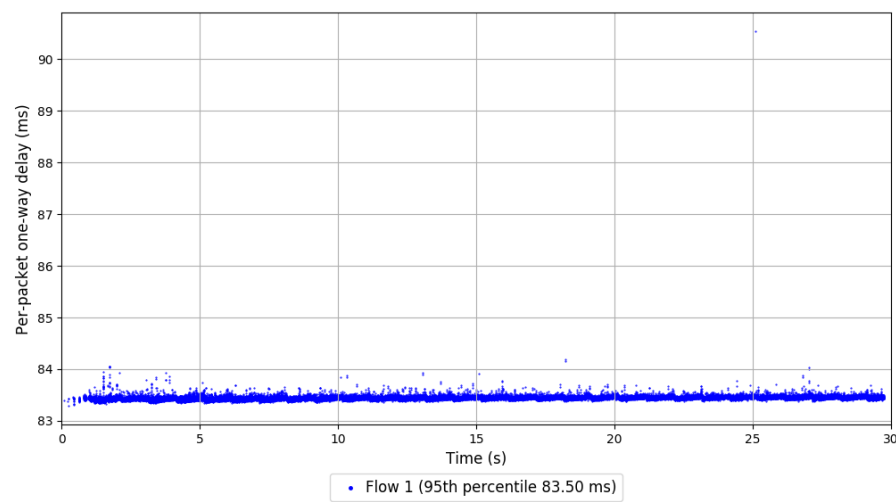
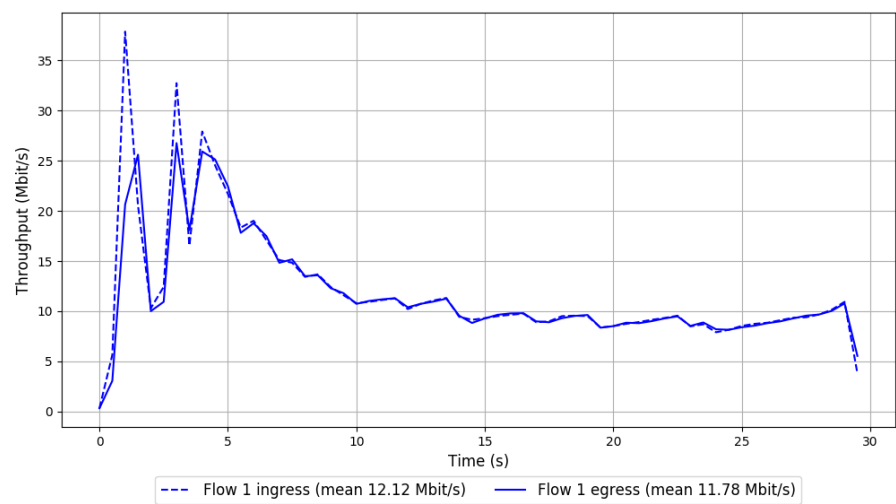


Run 5: Statistics of QUIC Cubic

Start at: 2017-10-10 21:40:39
End at: 2017-10-10 21:41:09
Local clock offset: -2.892 ms
Remote clock offset: -8.185 ms

Below is generated by plot.py at 2017-10-10 23:35:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.78 Mbit/s
95th percentile per-packet one-way delay: 83.496 ms
Loss rate: 2.83%
-- Flow 1:
Average throughput: 11.78 Mbit/s
95th percentile per-packet one-way delay: 83.496 ms
Loss rate: 2.83%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2017-10-10 21:58:14

End at: 2017-10-10 21:58:44

Local clock offset: -2.407 ms

Remote clock offset: -3.302 ms

Below is generated by plot.py at 2017-10-10 23:35:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.84 Mbit/s

95th percentile per-packet one-way delay: 86.294 ms

Loss rate: 3.32%

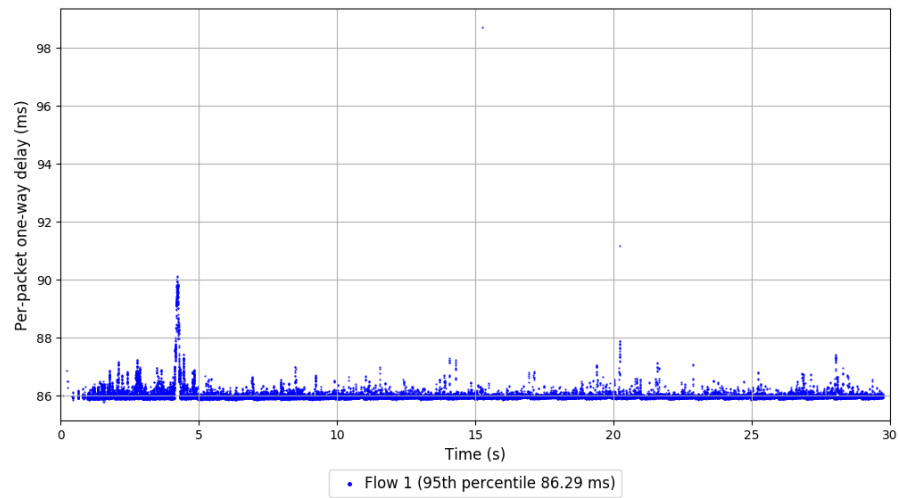
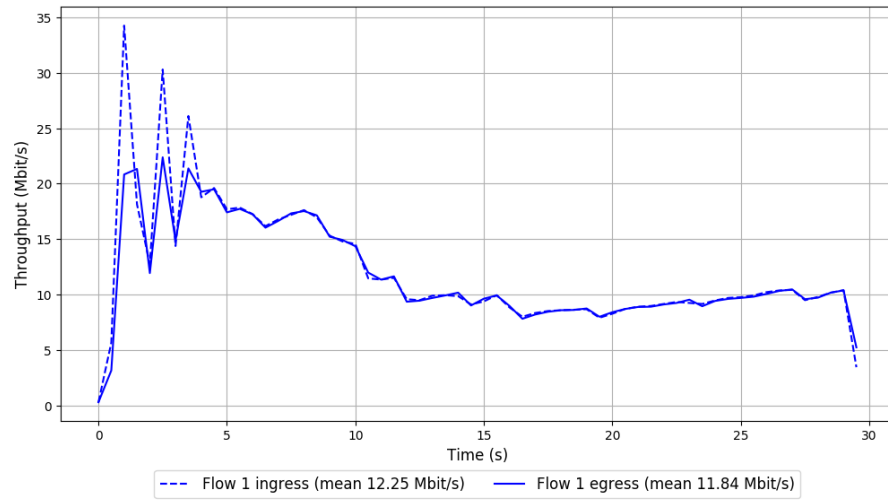
-- Flow 1:

Average throughput: 11.84 Mbit/s

95th percentile per-packet one-way delay: 86.294 ms

Loss rate: 3.32%

Run 6: Report of QUIC Cubic — Data Link

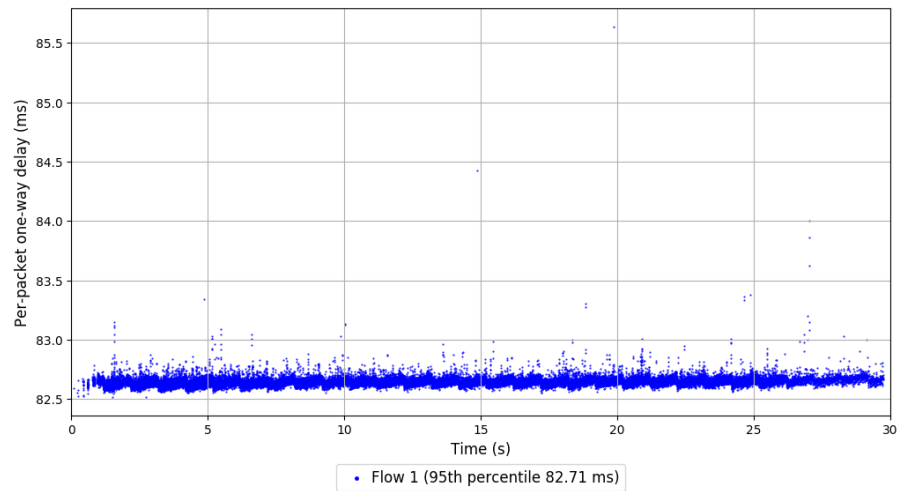
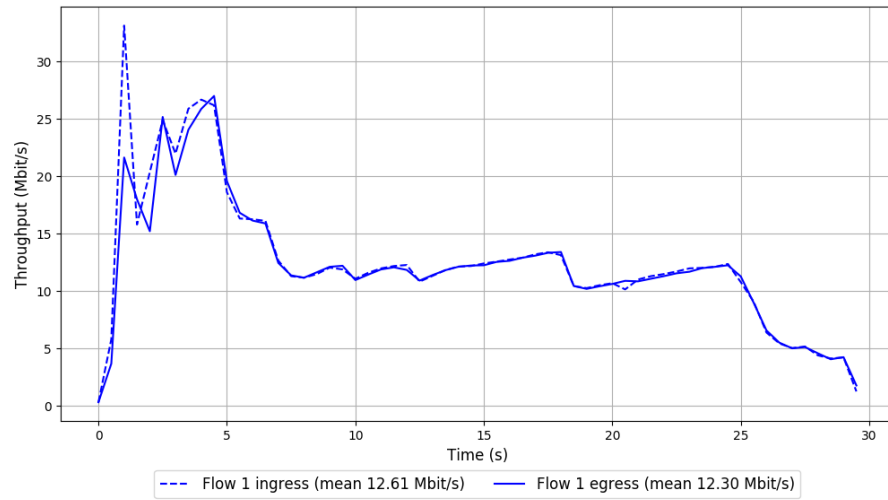


Run 7: Statistics of QUIC Cubic

Start at: 2017-10-10 22:15:57
End at: 2017-10-10 22:16:27
Local clock offset: -2.895 ms
Remote clock offset: -8.503 ms

Below is generated by plot.py at 2017-10-10 23:35:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.30 Mbit/s
95th percentile per-packet one-way delay: 82.706 ms
Loss rate: 2.51%
-- Flow 1:
Average throughput: 12.30 Mbit/s
95th percentile per-packet one-way delay: 82.706 ms
Loss rate: 2.51%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2017-10-10 22:34:16

End at: 2017-10-10 22:34:46

Local clock offset: -2.987 ms

Remote clock offset: -8.822 ms

Below is generated by plot.py at 2017-10-10 23:35:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 21.13 Mbit/s

95th percentile per-packet one-way delay: 81.159 ms

Loss rate: 2.22%

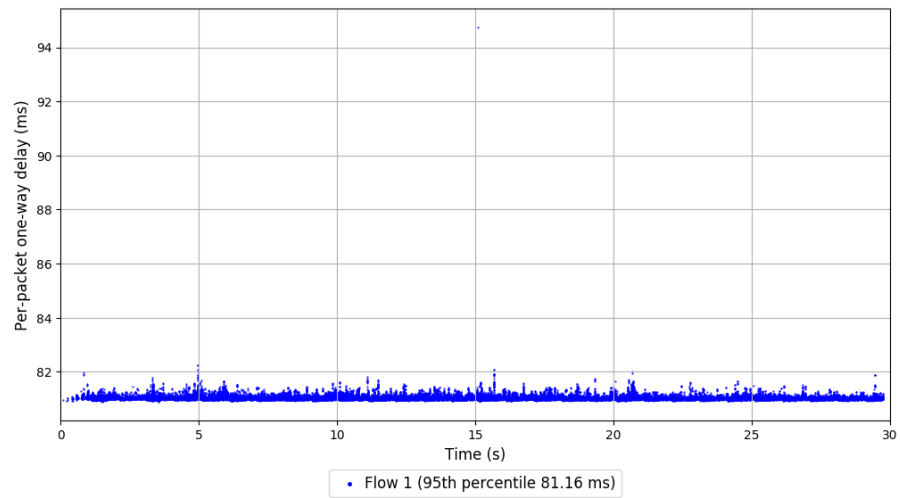
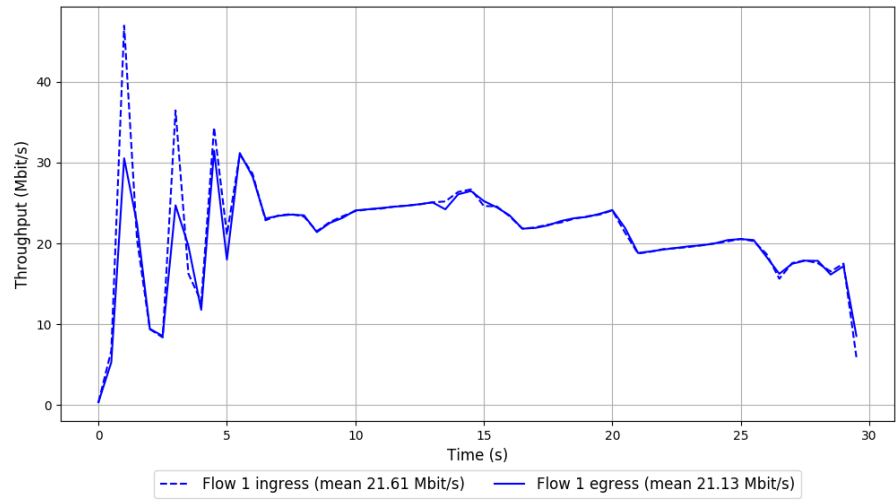
-- Flow 1:

Average throughput: 21.13 Mbit/s

95th percentile per-packet one-way delay: 81.159 ms

Loss rate: 2.22%

Run 8: Report of QUIC Cubic — Data Link

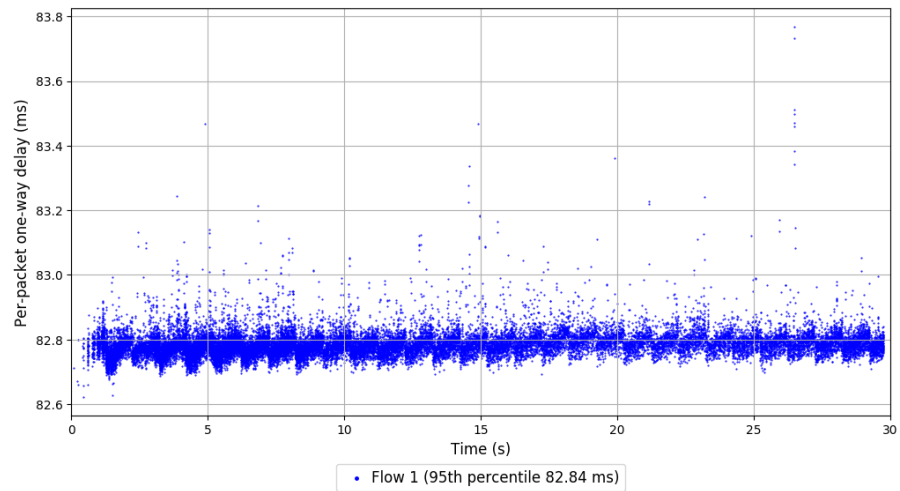
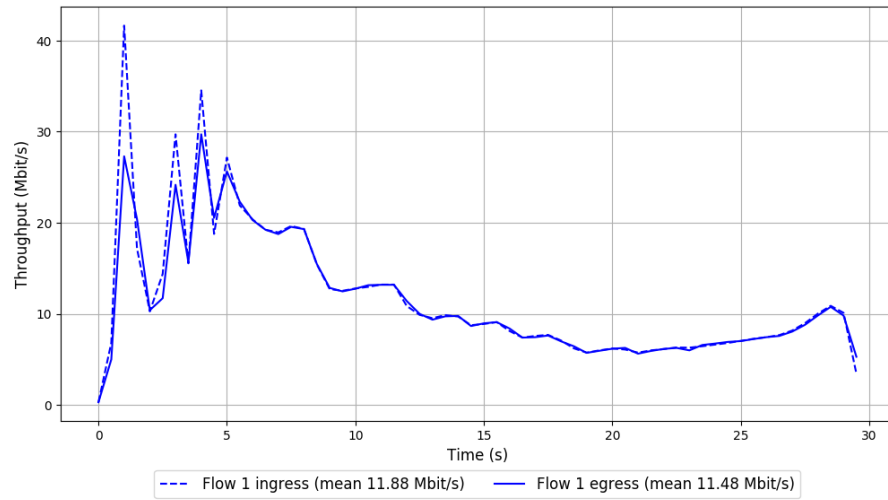


Run 9: Statistics of QUIC Cubic

Start at: 2017-10-10 22:51:36
End at: 2017-10-10 22:52:06
Local clock offset: -2.964 ms
Remote clock offset: -8.716 ms

Below is generated by plot.py at 2017-10-10 23:35:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.48 Mbit/s
95th percentile per-packet one-way delay: 82.841 ms
Loss rate: 3.38%
-- Flow 1:
Average throughput: 11.48 Mbit/s
95th percentile per-packet one-way delay: 82.841 ms
Loss rate: 3.38%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2017-10-10 23:09:02

End at: 2017-10-10 23:09:32

Local clock offset: -2.557 ms

Remote clock offset: -4.046 ms

Below is generated by plot.py at 2017-10-10 23:35:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 13.64 Mbit/s

95th percentile per-packet one-way delay: 85.999 ms

Loss rate: 0.45%

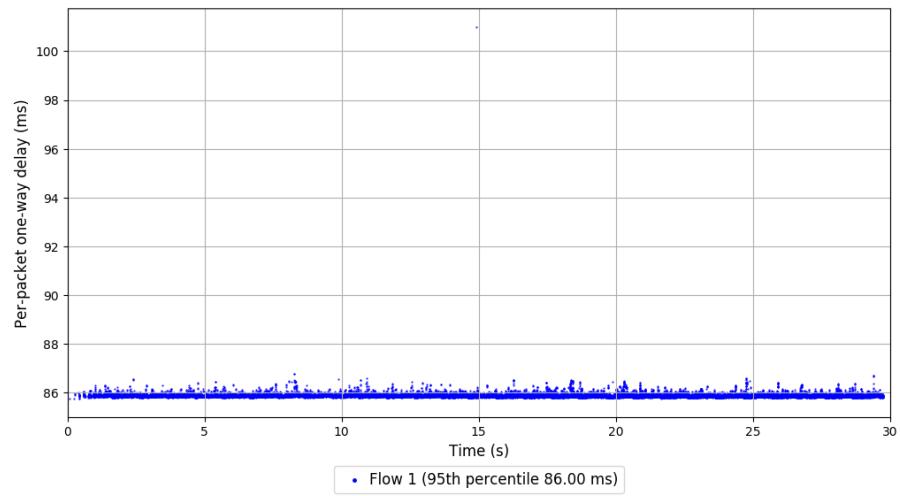
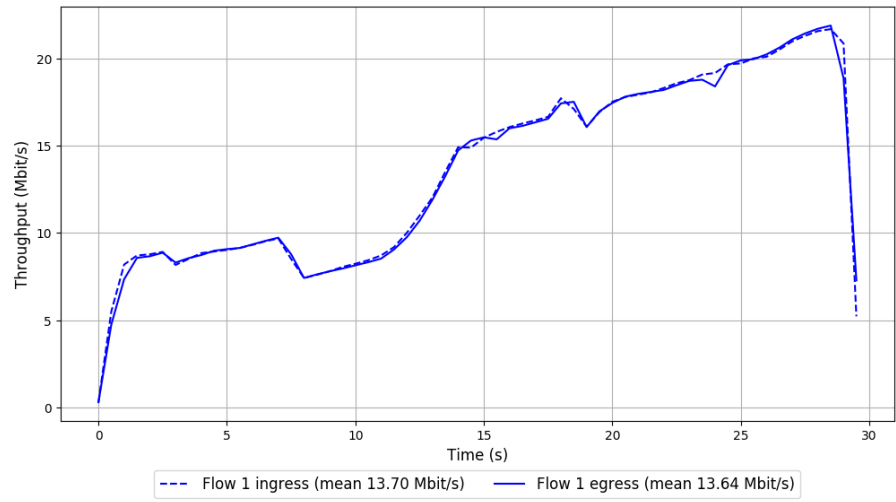
-- Flow 1:

Average throughput: 13.64 Mbit/s

95th percentile per-packet one-way delay: 85.999 ms

Loss rate: 0.45%

Run 10: Report of QUIC Cubic — Data Link



Run 1: Statistics of SCReAM

Start at: 2017-10-10 20:32:34

End at: 2017-10-10 20:33:04

Local clock offset: -7.778 ms

Remote clock offset: 7.175 ms

Below is generated by plot.py at 2017-10-10 23:35:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 95.176 ms

Loss rate: 0.14%

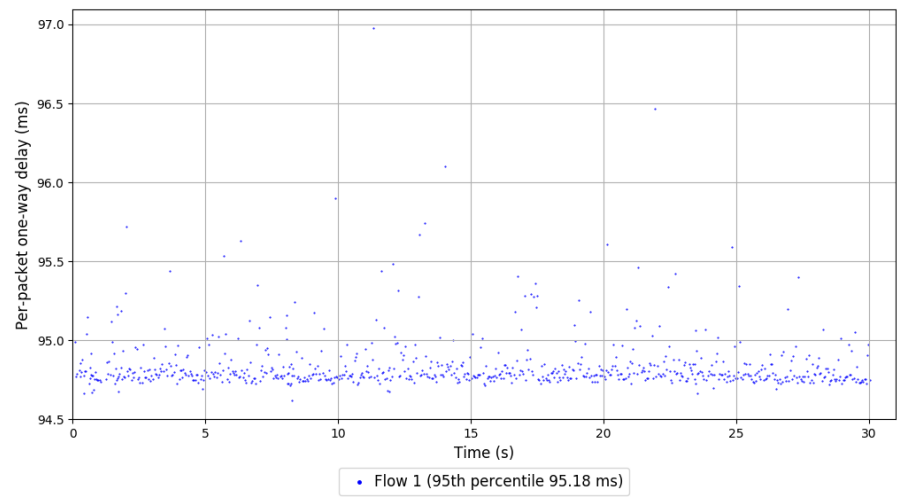
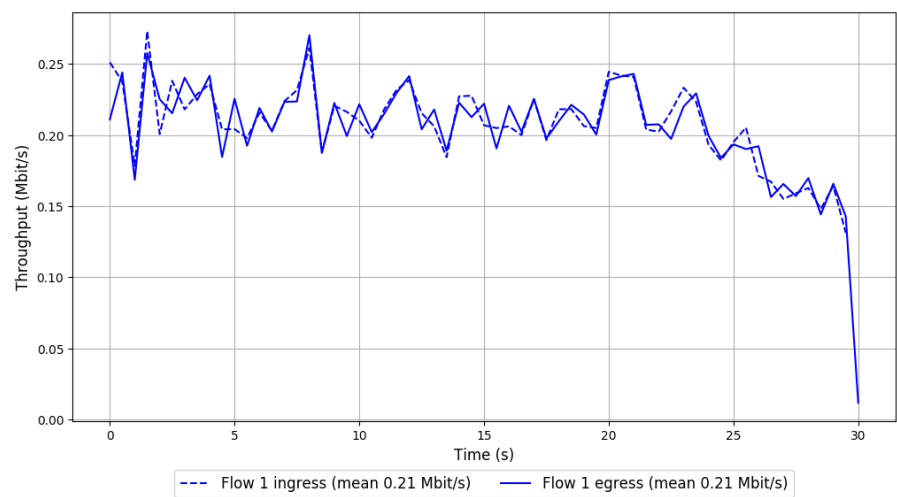
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 95.176 ms

Loss rate: 0.14%

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SReAM

Start at: 2017-10-10 20:50:20

End at: 2017-10-10 20:50:50

Local clock offset: -7.143 ms

Remote clock offset: 7.136 ms

Below is generated by plot.py at 2017-10-10 23:35:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 97.412 ms

Loss rate: 0.00%

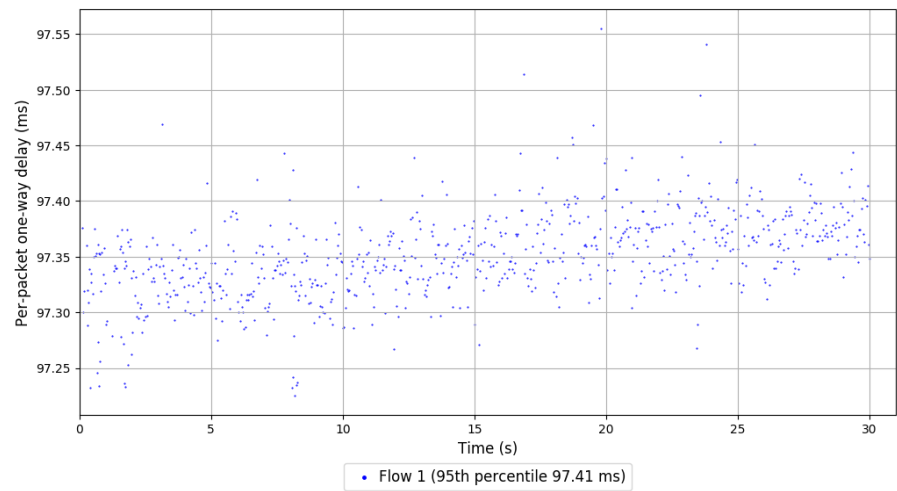
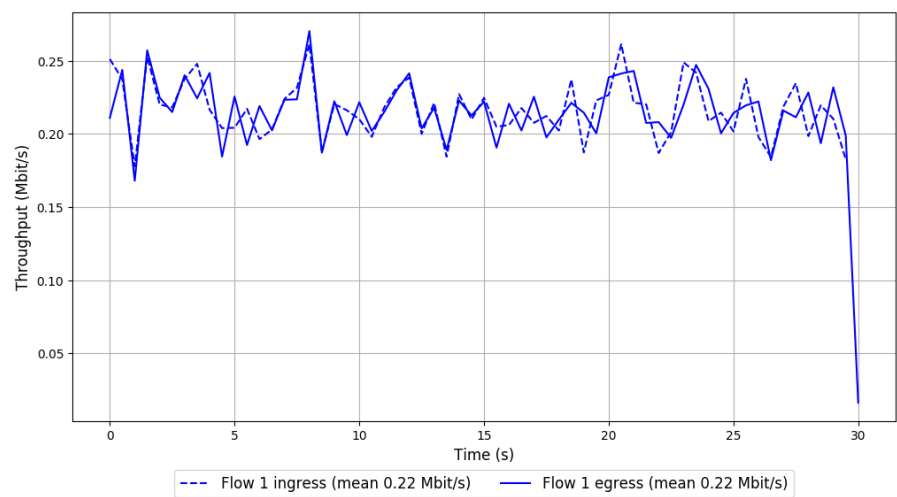
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 97.412 ms

Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

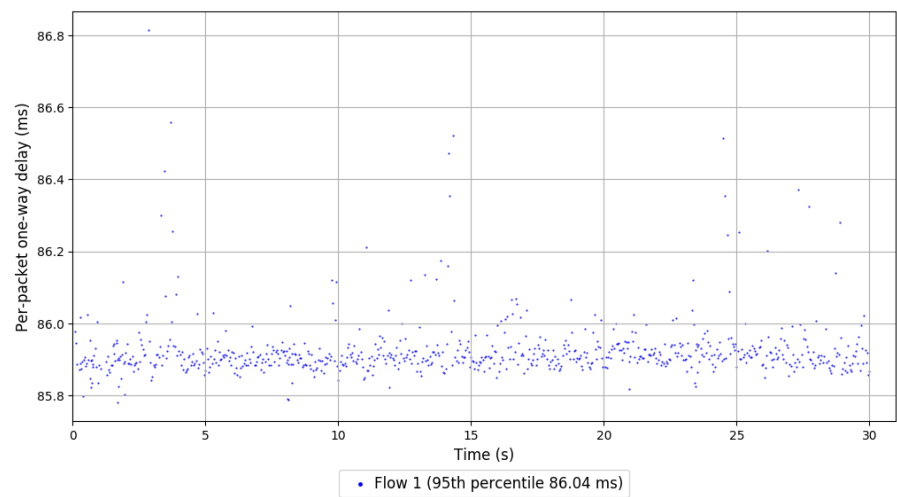
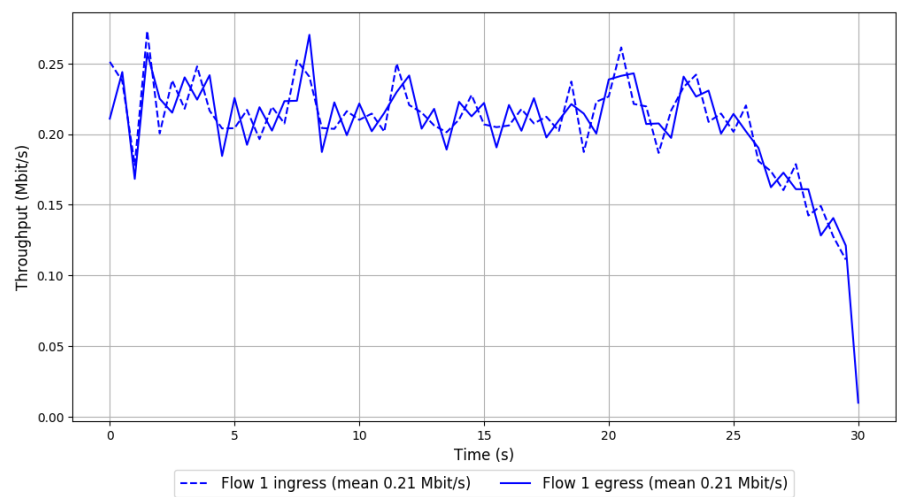


Run 3: Statistics of SCReAM

Start at: 2017-10-10 21:07:44
End at: 2017-10-10 21:08:14
Local clock offset: -5.761 ms
Remote clock offset: -2.401 ms

Below is generated by plot.py at 2017-10-10 23:35:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 86.037 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 86.037 ms
Loss rate: 0.25%

Run 3: Report of SReAM — Data Link

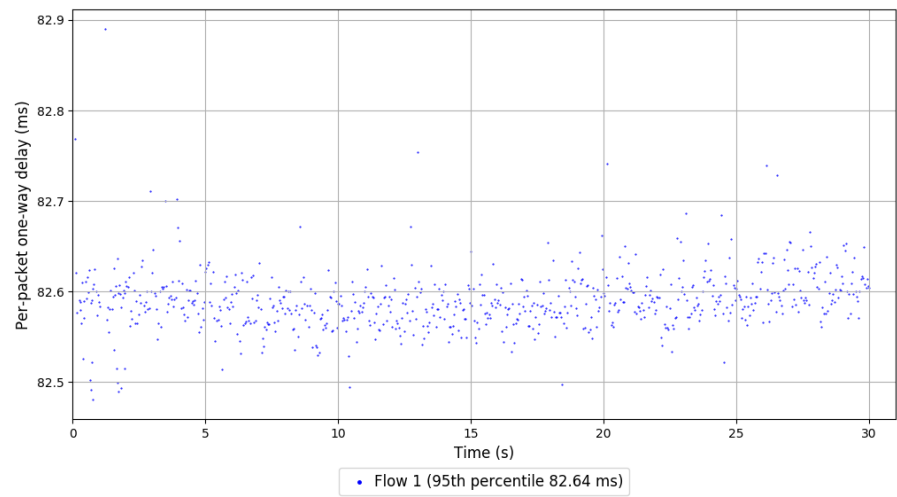
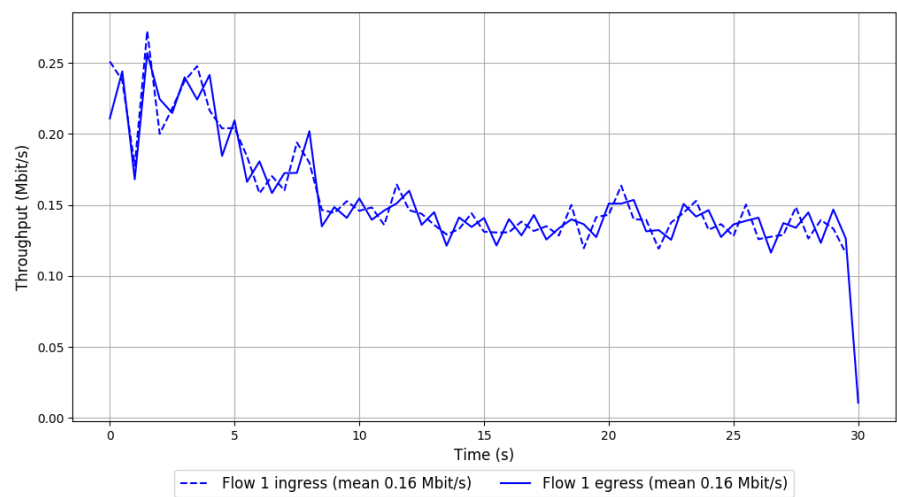


Run 4: Statistics of SCReAM

Start at: 2017-10-10 21:25:12
End at: 2017-10-10 21:25:42
Local clock offset: -3.645 ms
Remote clock offset: -7.351 ms

Below is generated by plot.py at 2017-10-10 23:35:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 82.638 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 82.638 ms
Loss rate: 0.28%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

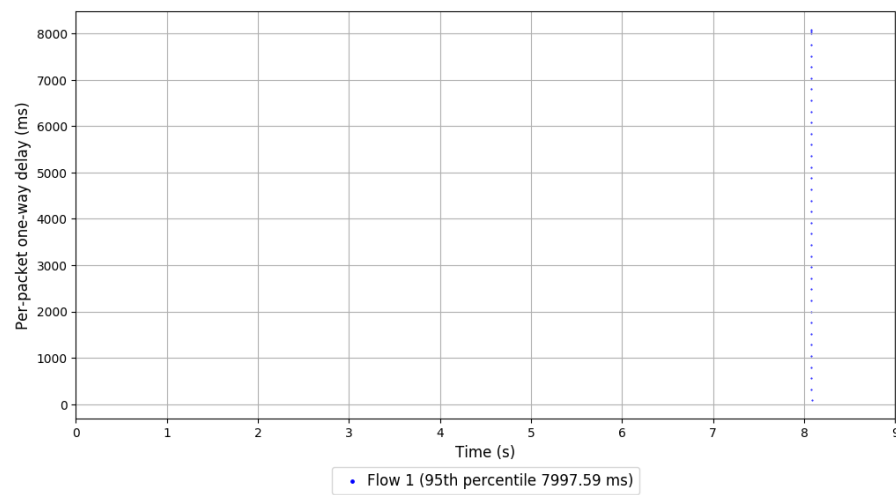
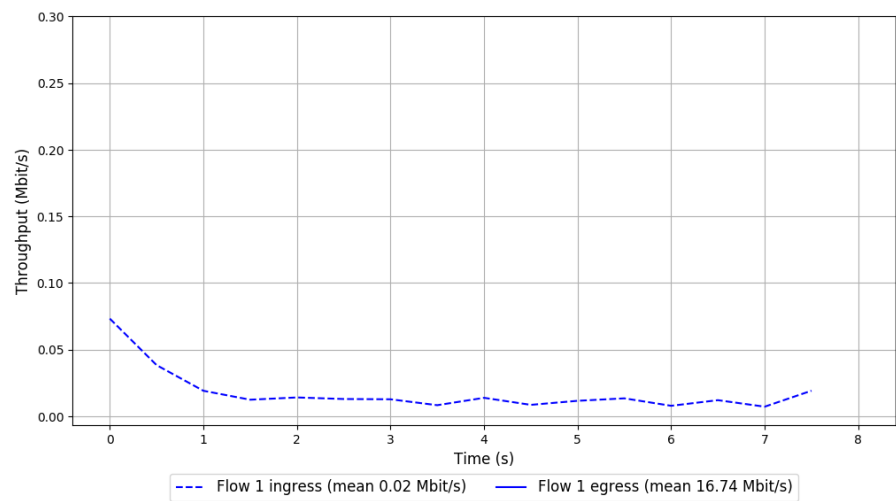
Start at: 2017-10-10 21:43:05

End at: 2017-10-10 21:43:35

Local clock offset: -2.69 ms

Remote clock offset: -3.037 ms

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SCReAM

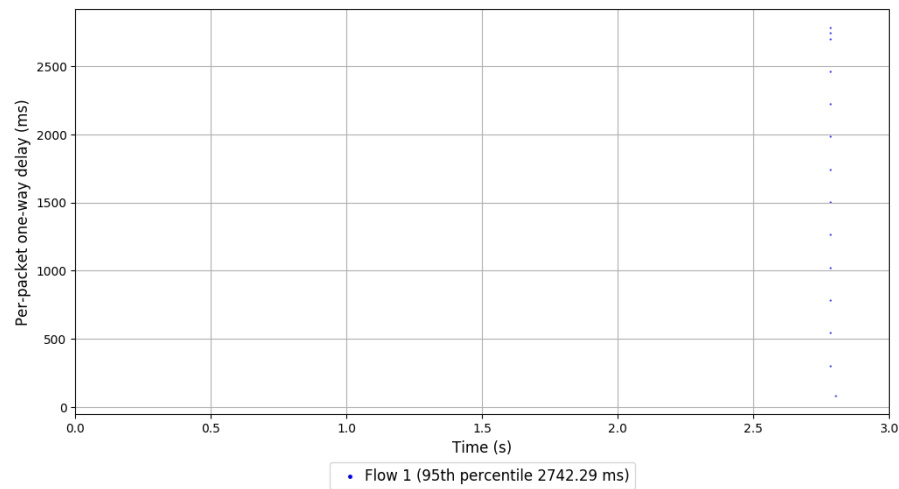
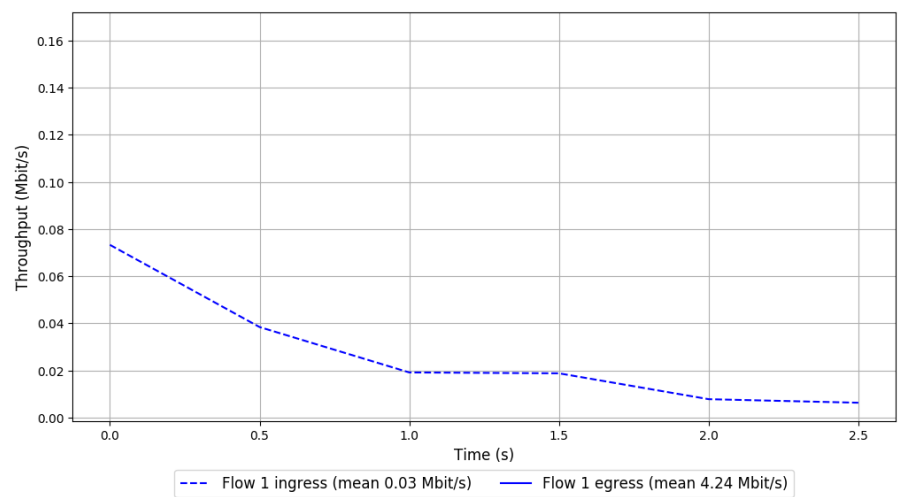
Start at: 2017-10-10 22:00:53

End at: 2017-10-10 22:01:23

Local clock offset: -2.703 ms

Remote clock offset: -8.478 ms

Run 6: Report of SReAM — Data Link

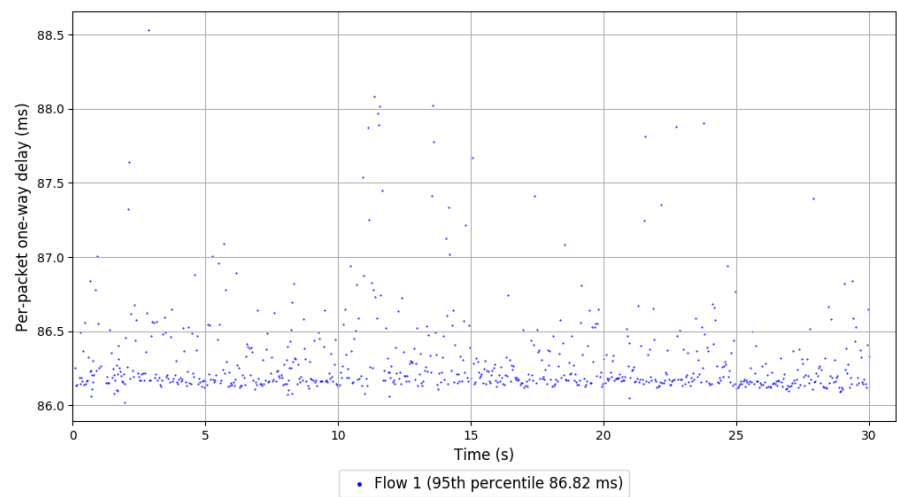
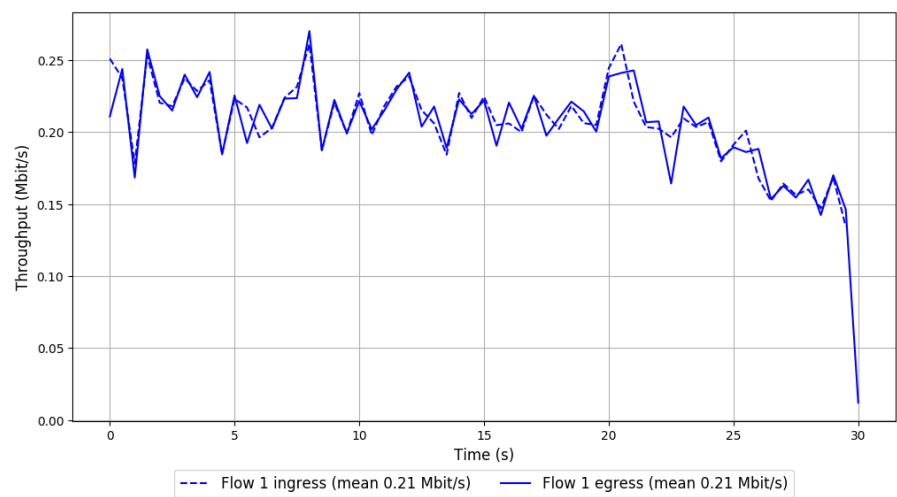


Run 7: Statistics of SCReAM

Start at: 2017-10-10 22:18:49
End at: 2017-10-10 22:19:19
Local clock offset: -2.893 ms
Remote clock offset: -3.608 ms

Below is generated by plot.py at 2017-10-10 23:35:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 86.824 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 86.824 ms
Loss rate: 0.14%

Run 7: Report of SReAM — Data Link

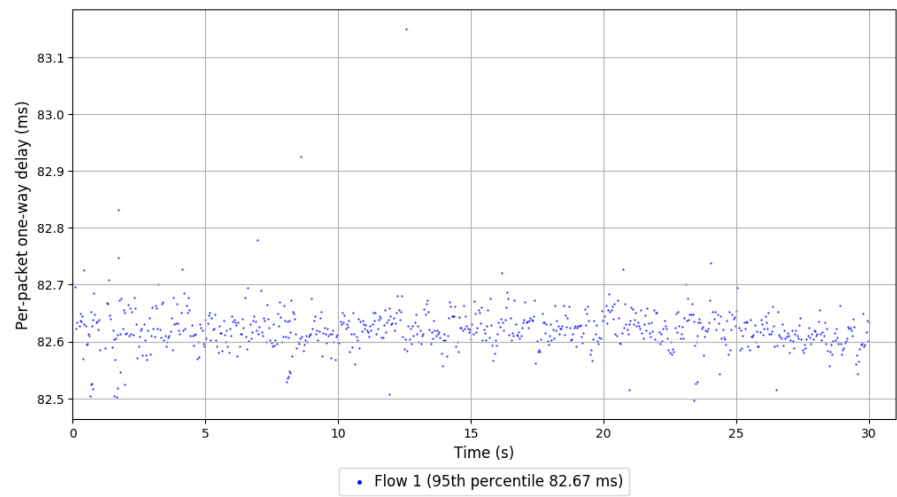
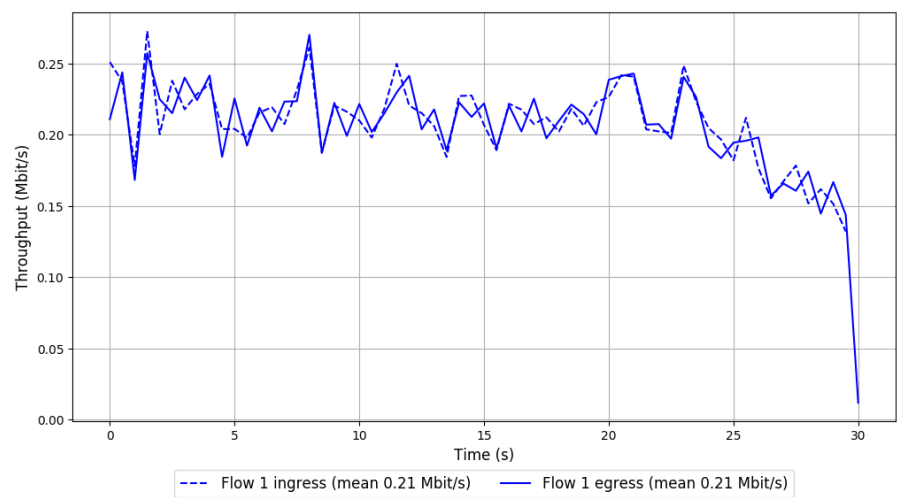


Run 8: Statistics of SCReAM

Start at: 2017-10-10 22:36:53
End at: 2017-10-10 22:37:23
Local clock offset: -2.963 ms
Remote clock offset: -8.733 ms

Below is generated by plot.py at 2017-10-10 23:35:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 82.672 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 82.672 ms
Loss rate: 0.16%

Run 8: Report of SReAM — Data Link



Run 9: Statistics of SCReAM

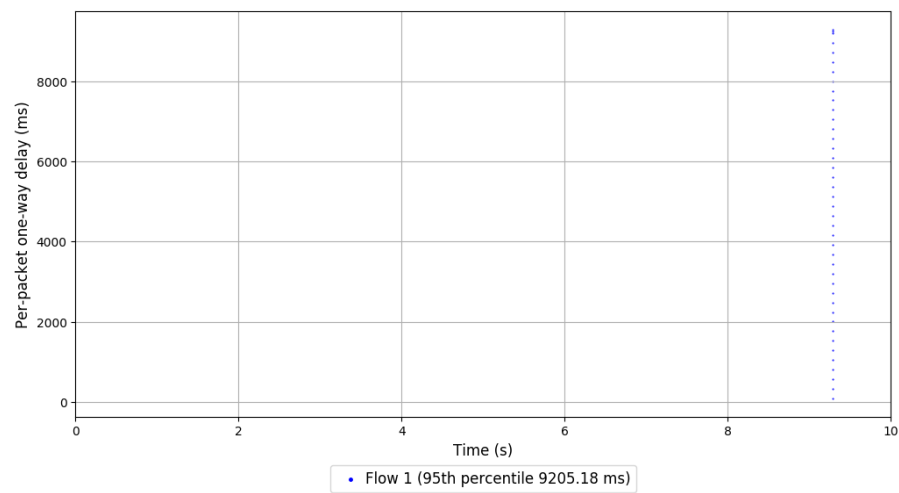
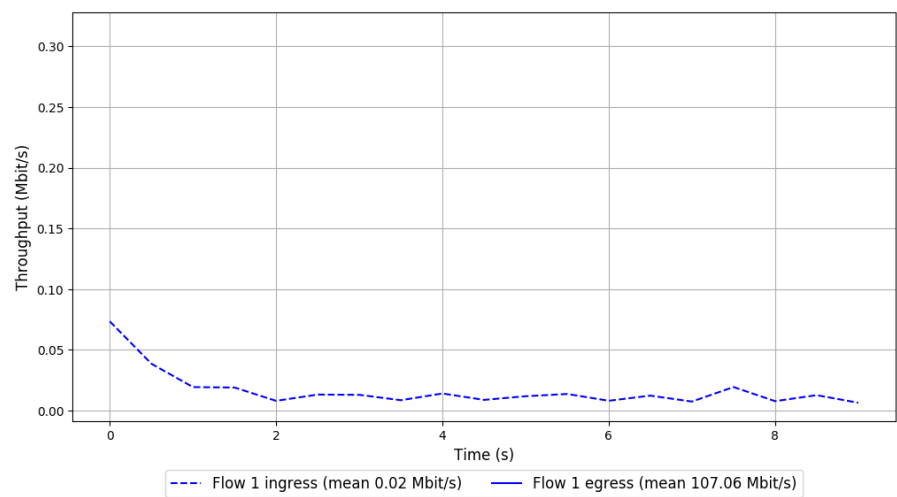
Start at: 2017-10-10 22:54:07

End at: 2017-10-10 22:54:37

Local clock offset: -2.989 ms

Remote clock offset: -8.891 ms

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SReAM

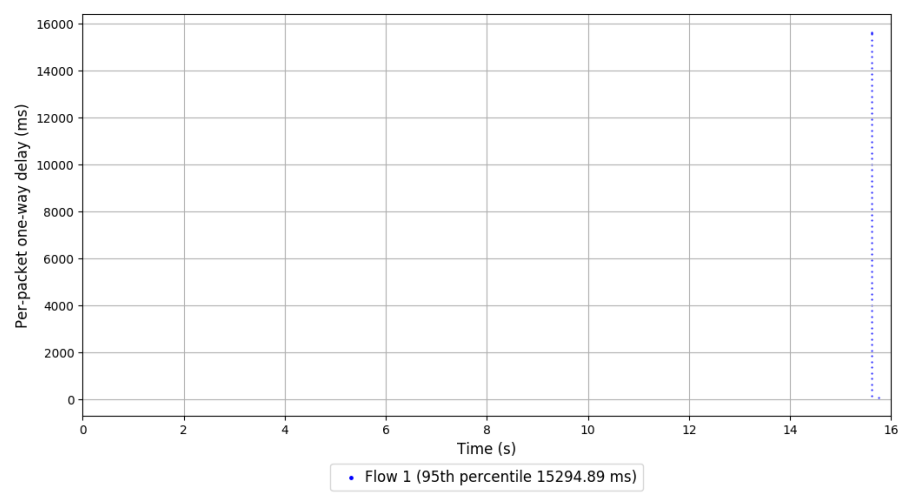
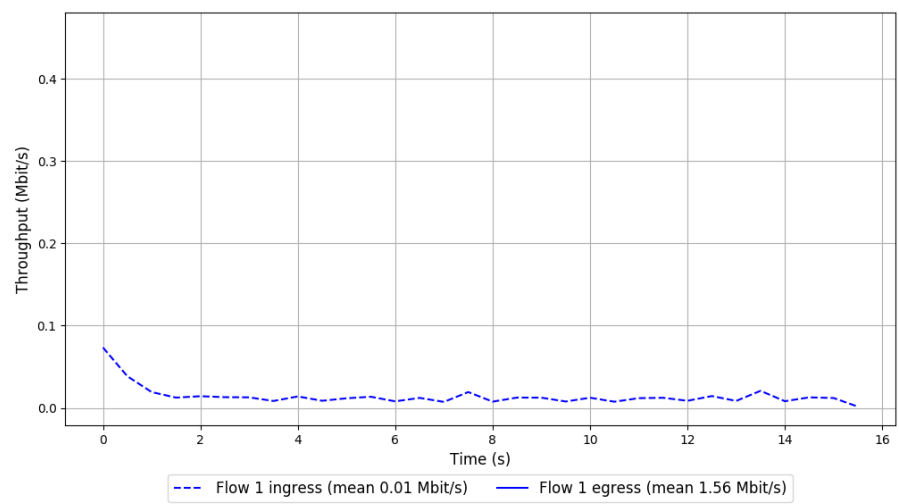
Start at: 2017-10-10 23:11:30

End at: 2017-10-10 23:12:00

Local clock offset: -2.589 ms

Remote clock offset: -8.797 ms

Run 10: Report of SReAM — Data Link



Run 1: Statistics of WebRTC media

Start at: 2017-10-10 20:46:43

End at: 2017-10-10 20:47:13

Local clock offset: -7.568 ms

Remote clock offset: 3.576 ms

Below is generated by plot.py at 2017-10-10 23:35:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.12 Mbit/s

95th percentile per-packet one-way delay: 91.819 ms

Loss rate: 0.00%

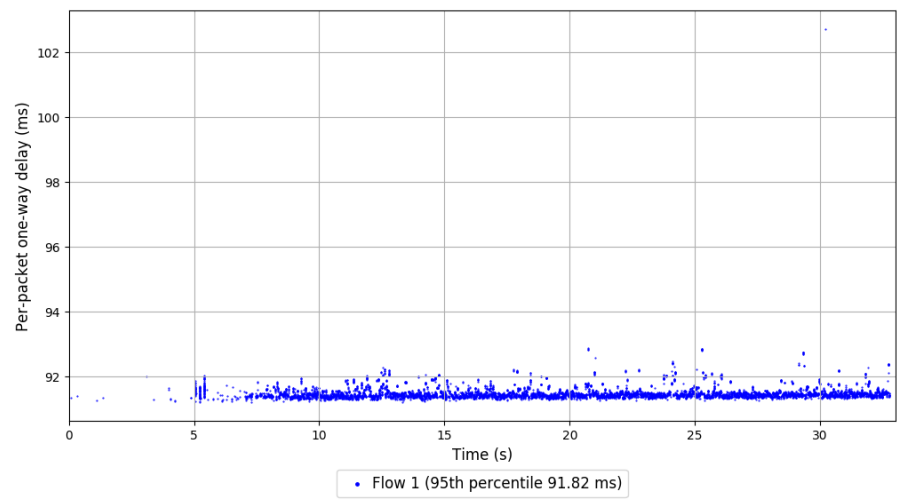
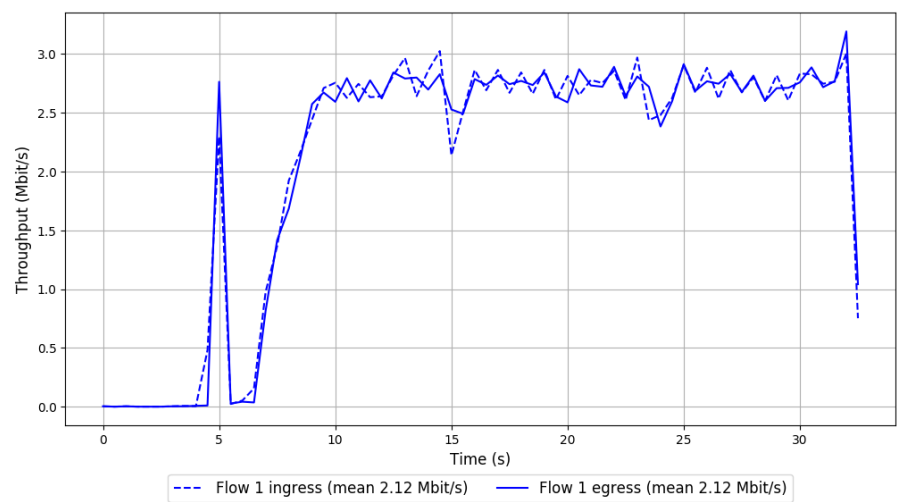
-- Flow 1:

Average throughput: 2.12 Mbit/s

95th percentile per-packet one-way delay: 91.819 ms

Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

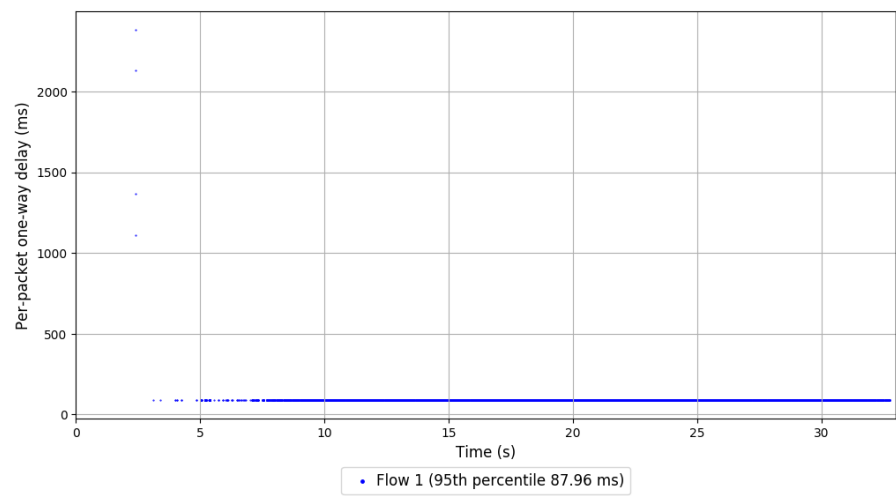
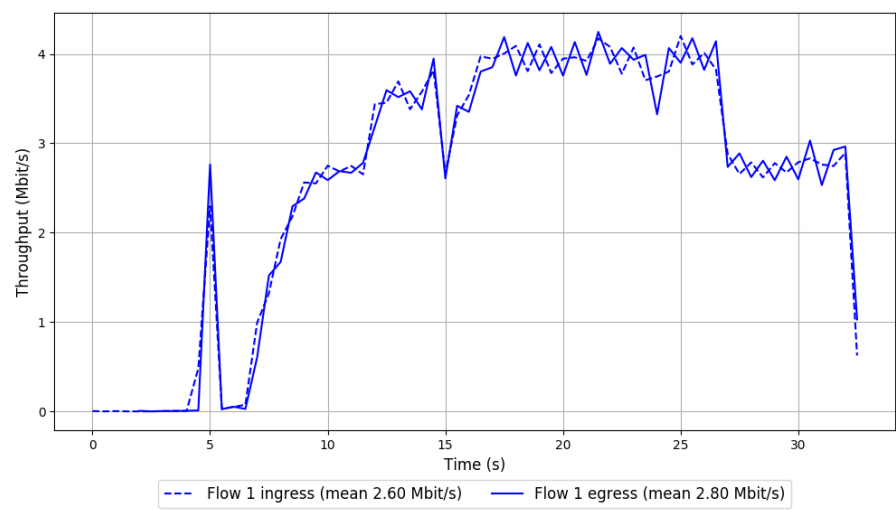


Run 2: Statistics of WebRTC media

Start at: 2017-10-10 21:04:11
End at: 2017-10-10 21:04:41
Local clock offset: -5.931 ms
Remote clock offset: -2.454 ms

Below is generated by plot.py at 2017-10-10 23:35:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.80 Mbit/s
95th percentile per-packet one-way delay: 87.961 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 2.80 Mbit/s
95th percentile per-packet one-way delay: 87.961 ms
Loss rate: 0.17%

Run 2: Report of WebRTC media — Data Link

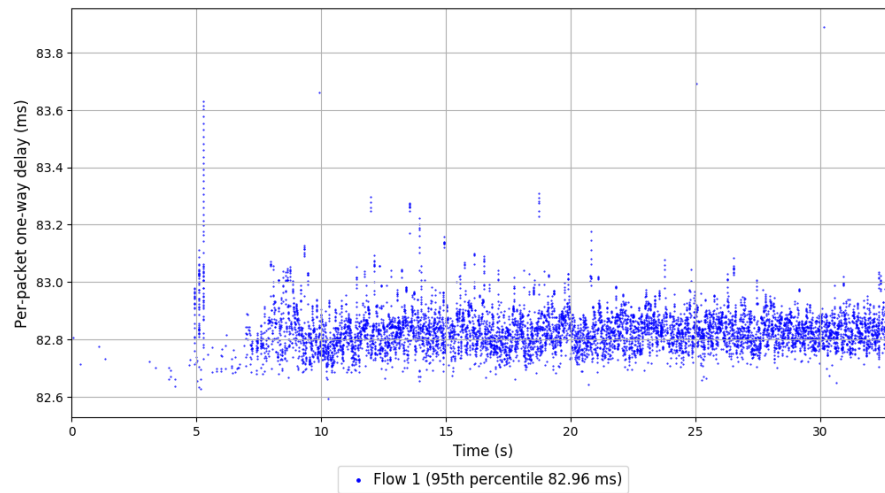
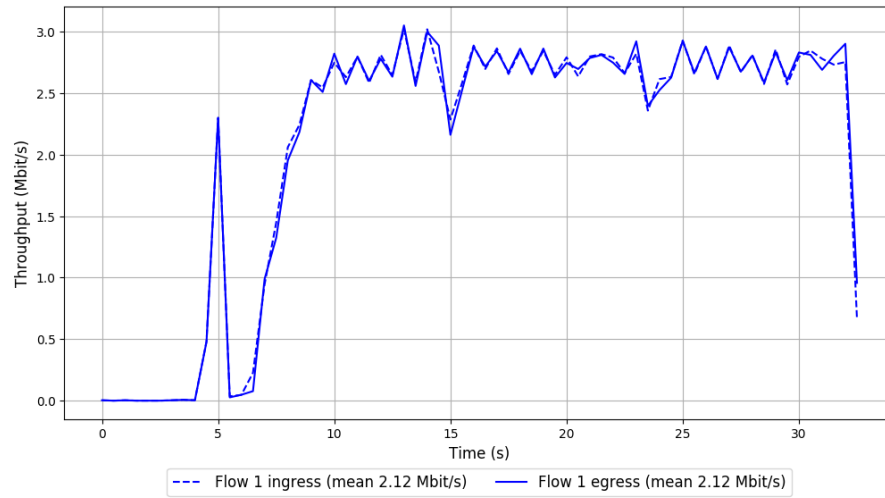


Run 3: Statistics of WebRTC media

Start at: 2017-10-10 21:21:31
End at: 2017-10-10 21:22:01
Local clock offset: -4.307 ms
Remote clock offset: -7.683 ms

Below is generated by plot.py at 2017-10-10 23:35:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.12 Mbit/s
95th percentile per-packet one-way delay: 82.961 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 2.12 Mbit/s
95th percentile per-packet one-way delay: 82.961 ms
Loss rate: 0.01%

Run 3: Report of WebRTC media — Data Link

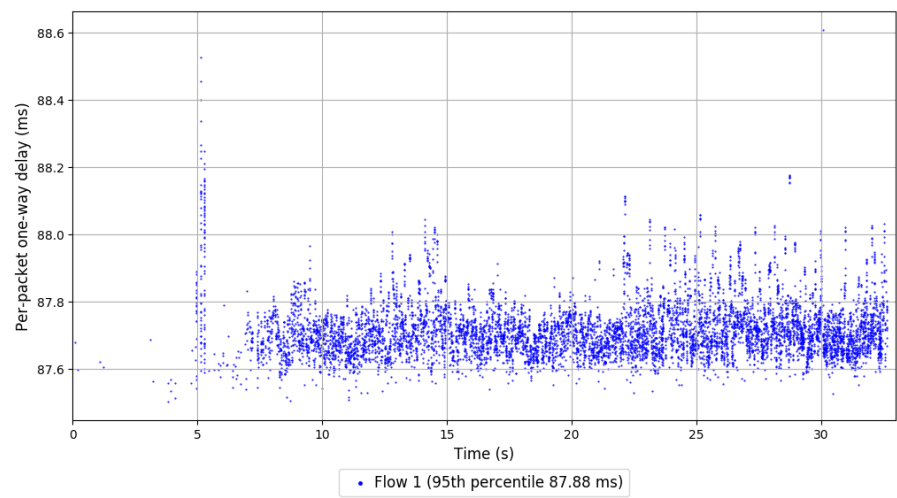
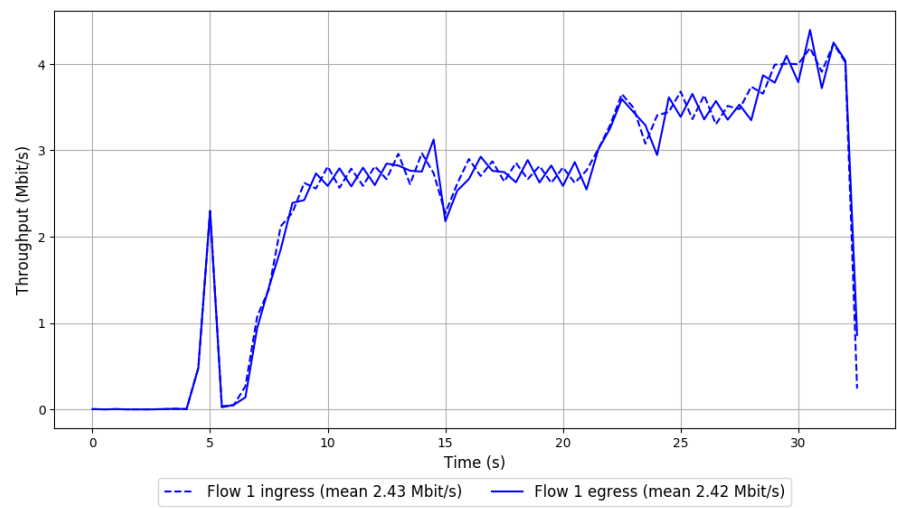


Run 4: Statistics of WebRTC media

Start at: 2017-10-10 21:39:29
End at: 2017-10-10 21:39:59
Local clock offset: -2.897 ms
Remote clock offset: -3.175 ms

Below is generated by plot.py at 2017-10-10 23:35:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.42 Mbit/s
95th percentile per-packet one-way delay: 87.880 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 2.42 Mbit/s
95th percentile per-packet one-way delay: 87.880 ms
Loss rate: 0.50%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2017-10-10 21:57:04

End at: 2017-10-10 21:57:34

Local clock offset: -2.456 ms

Remote clock offset: -8.31 ms

Below is generated by plot.py at 2017-10-10 23:35:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.11 Mbit/s

95th percentile per-packet one-way delay: 81.439 ms

Loss rate: 0.00%

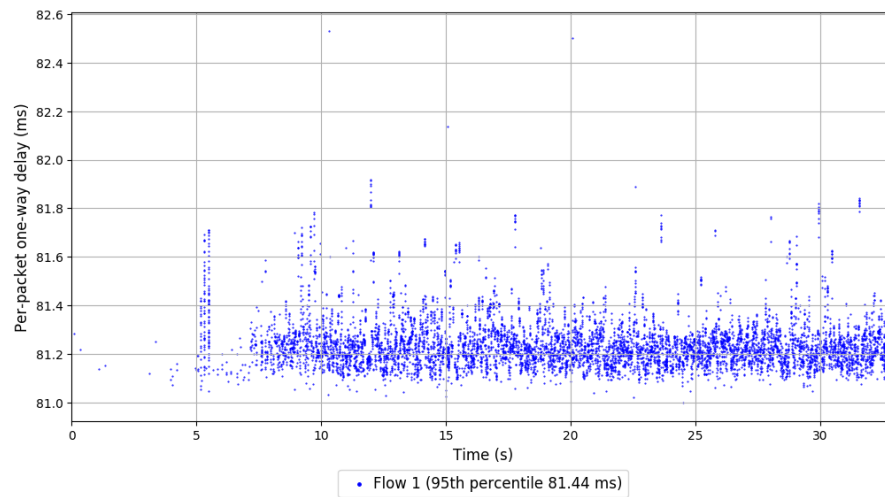
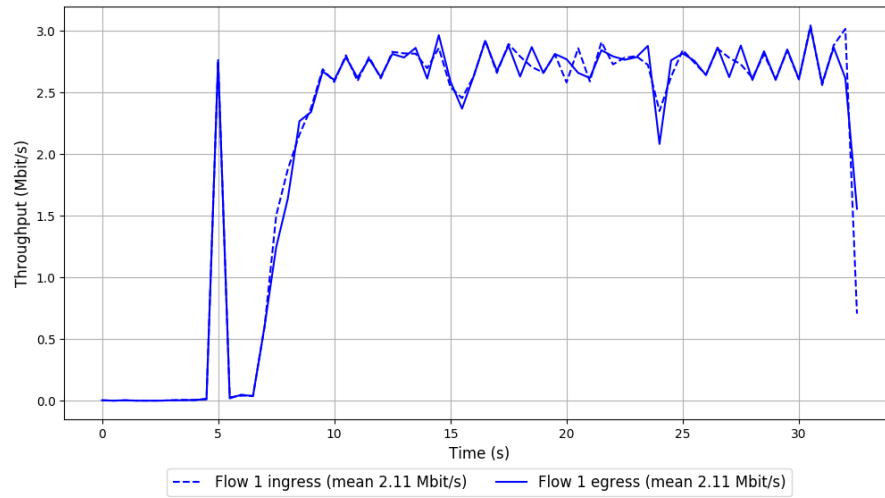
-- Flow 1:

Average throughput: 2.11 Mbit/s

95th percentile per-packet one-way delay: 81.439 ms

Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

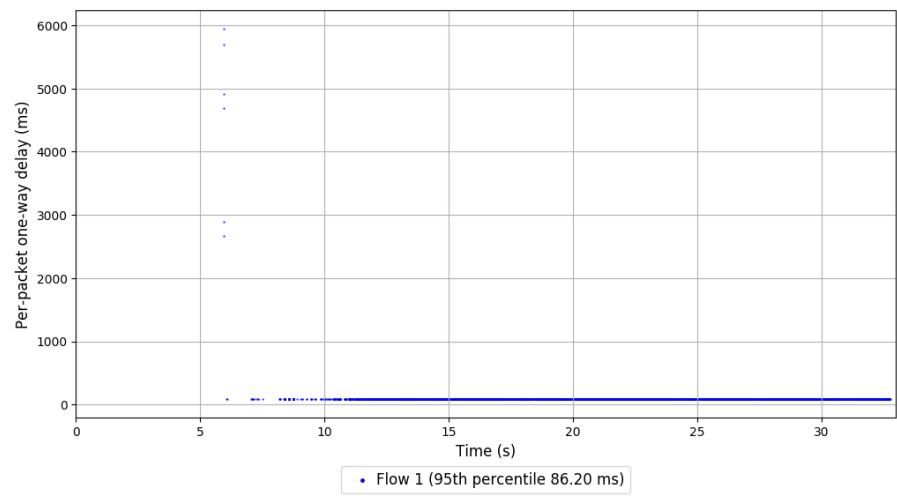
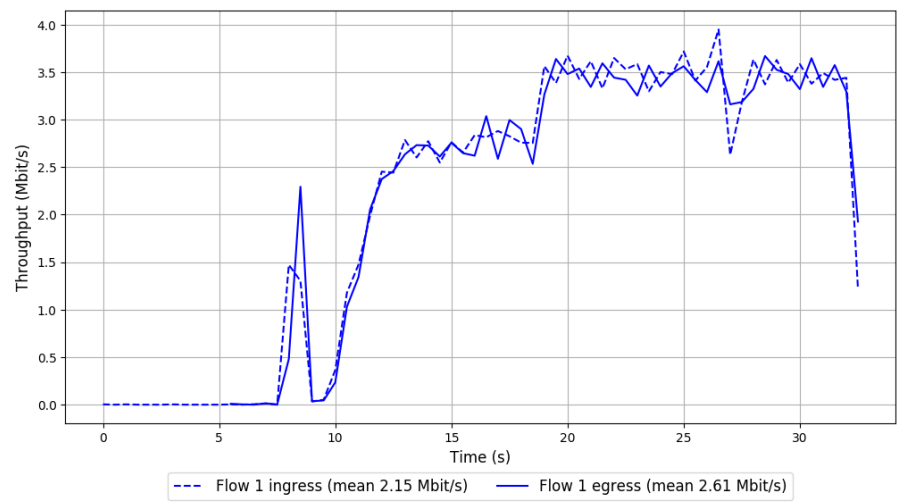


Run 6: Statistics of WebRTC media

Start at: 2017-10-10 22:14:47
End at: 2017-10-10 22:15:17
Local clock offset: -2.955 ms
Remote clock offset: -3.667 ms

Below is generated by plot.py at 2017-10-10 23:35:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.61 Mbit/s
95th percentile per-packet one-way delay: 86.204 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 2.61 Mbit/s
95th percentile per-packet one-way delay: 86.204 ms
Loss rate: 0.66%

Run 6: Report of WebRTC media — Data Link

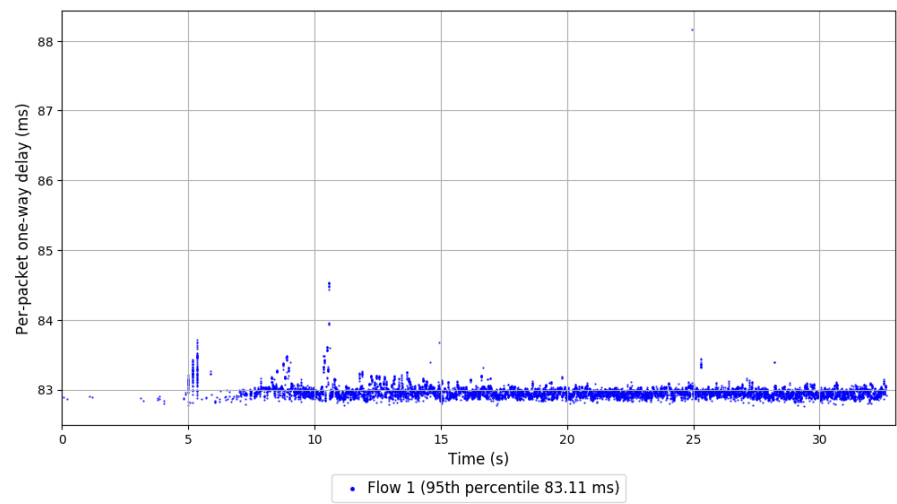
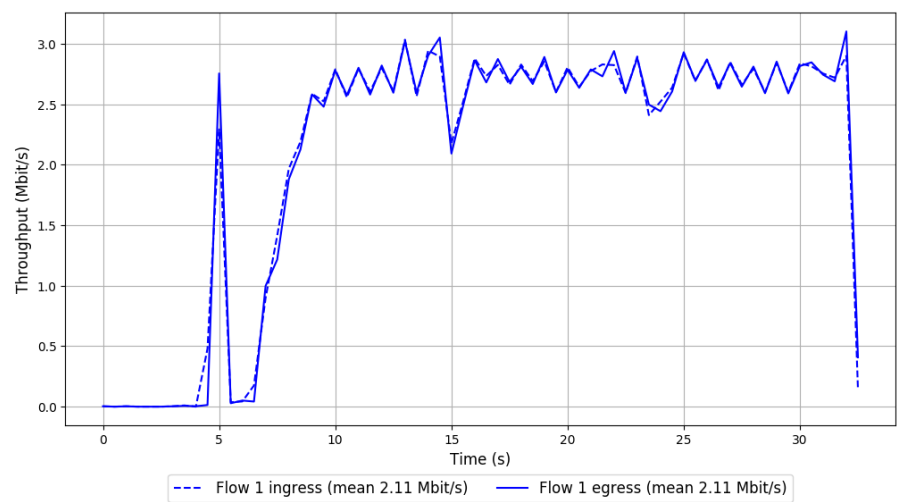


Run 7: Statistics of WebRTC media

Start at: 2017-10-10 22:33:05
End at: 2017-10-10 22:33:35
Local clock offset: -2.931 ms
Remote clock offset: -8.847 ms

Below is generated by plot.py at 2017-10-10 23:35:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.11 Mbit/s
95th percentile per-packet one-way delay: 83.113 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.11 Mbit/s
95th percentile per-packet one-way delay: 83.113 ms
Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

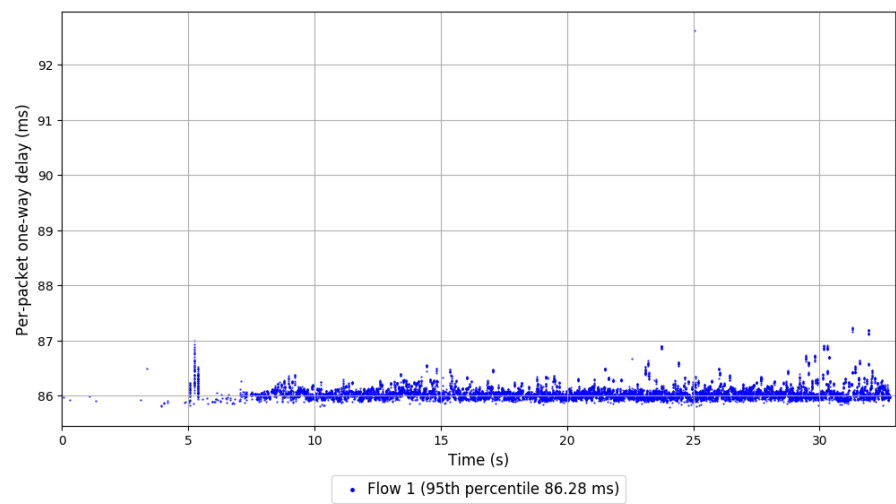
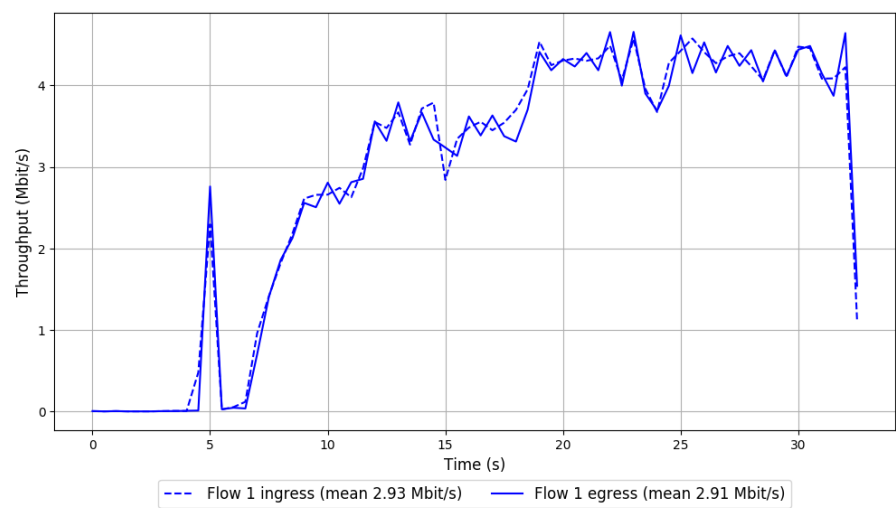


Run 8: Statistics of WebRTC media

Start at: 2017-10-10 22:50:25
End at: 2017-10-10 22:50:56
Local clock offset: -3.006 ms
Remote clock offset: -3.999 ms

Below is generated by plot.py at 2017-10-10 23:35:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.91 Mbit/s
95th percentile per-packet one-way delay: 86.276 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 2.91 Mbit/s
95th percentile per-packet one-way delay: 86.276 ms
Loss rate: 0.71%

Run 8: Report of WebRTC media — Data Link

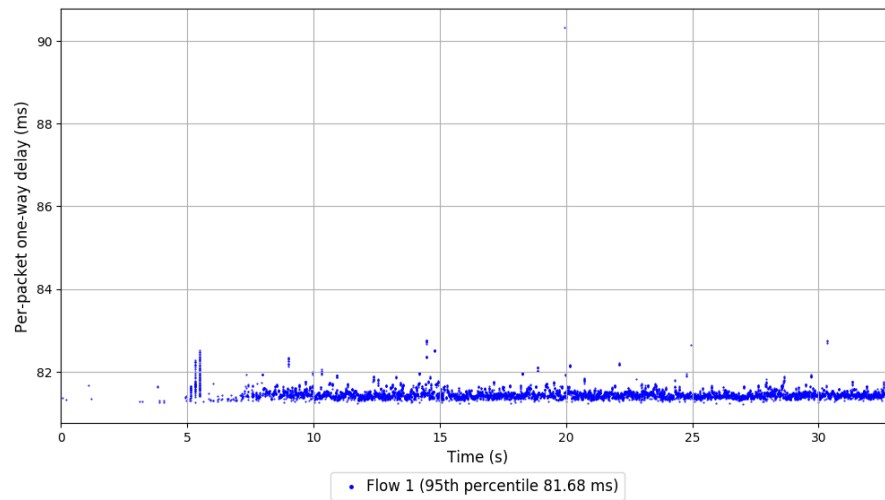
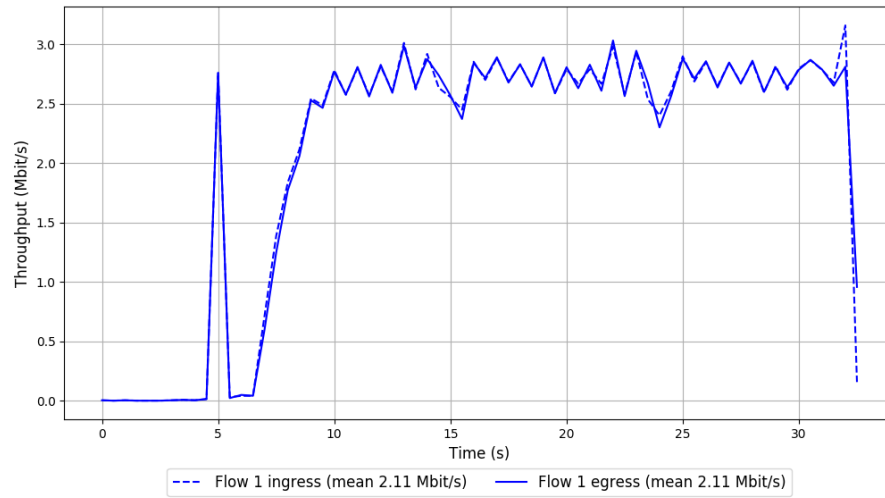


Run 9: Statistics of WebRTC media

Start at: 2017-10-10 23:07:52
End at: 2017-10-10 23:08:22
Local clock offset: -2.7 ms
Remote clock offset: -8.873 ms

Below is generated by plot.py at 2017-10-10 23:35:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.11 Mbit/s
95th percentile per-packet one-way delay: 81.676 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.11 Mbit/s
95th percentile per-packet one-way delay: 81.676 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2017-10-10 23:25:08

End at: 2017-10-10 23:25:38

Local clock offset: -2.167 ms

Remote clock offset: -4.025 ms

Below is generated by plot.py at 2017-10-10 23:35:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.12 Mbit/s

95th percentile per-packet one-way delay: 88.106 ms

Loss rate: 0.00%

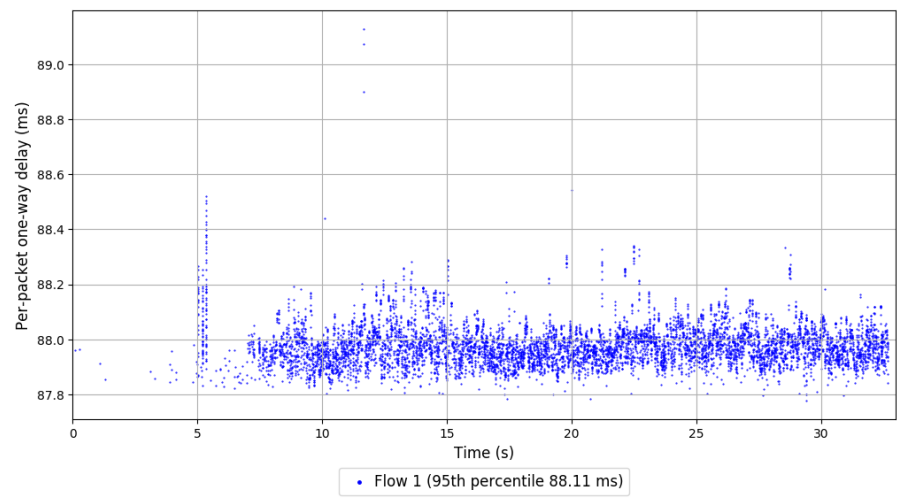
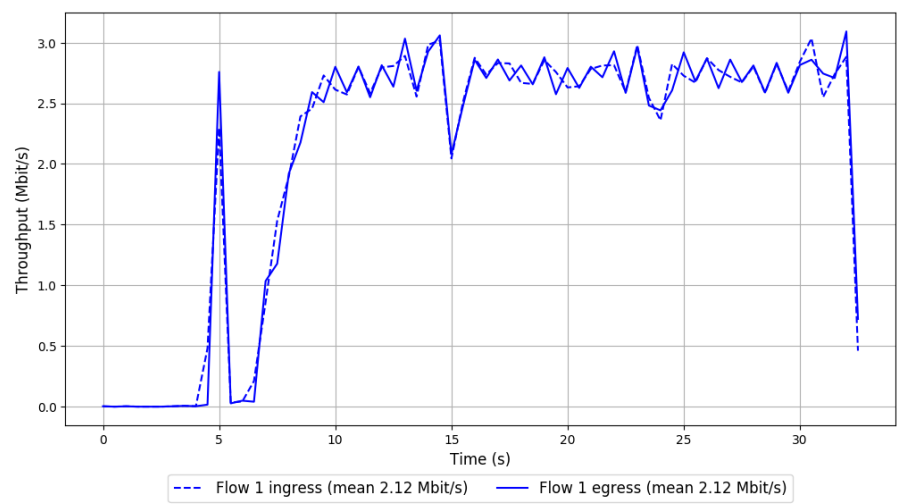
-- Flow 1:

Average throughput: 2.12 Mbit/s

95th percentile per-packet one-way delay: 88.106 ms

Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link



Run 1: Statistics of Sprout

Start at: 2017-10-10 20:35:06

End at: 2017-10-10 20:35:36

Local clock offset: -7.788 ms

Remote clock offset: 8.938 ms

Below is generated by plot.py at 2017-10-10 23:35:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.03 Mbit/s

95th percentile per-packet one-way delay: 98.882 ms

Loss rate: 0.06%

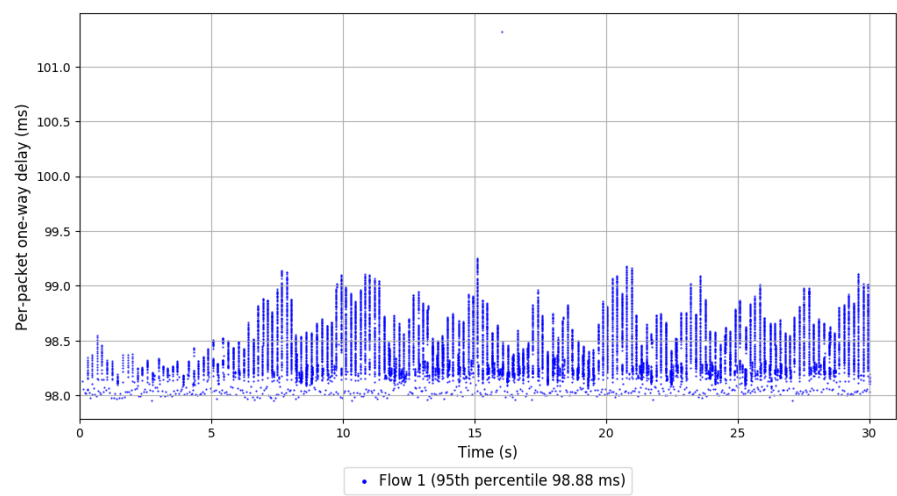
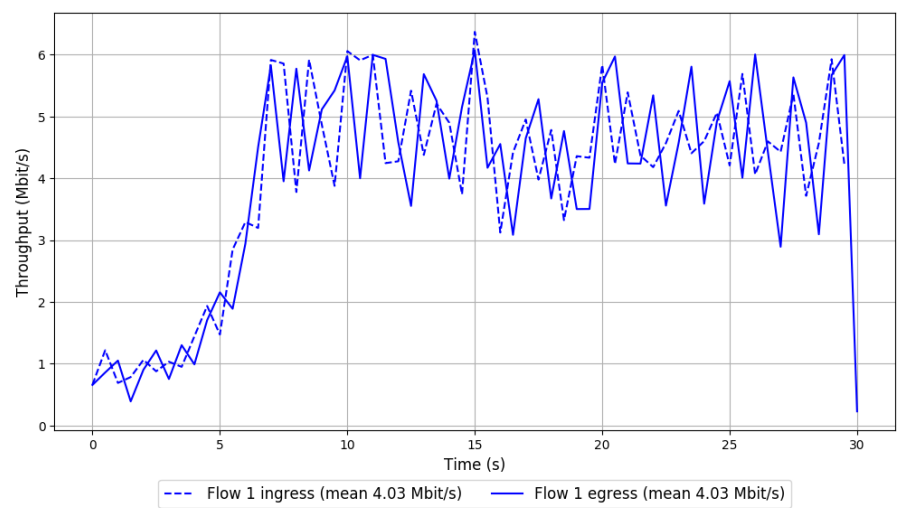
-- Flow 1:

Average throughput: 4.03 Mbit/s

95th percentile per-packet one-way delay: 98.882 ms

Loss rate: 0.06%

Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

Start at: 2017-10-10 20:52:47

End at: 2017-10-10 20:53:17

Local clock offset: -6.795 ms

Remote clock offset: 8.86 ms

Below is generated by plot.py at 2017-10-10 23:35:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.18 Mbit/s

95th percentile per-packet one-way delay: 99.986 ms

Loss rate: 0.87%

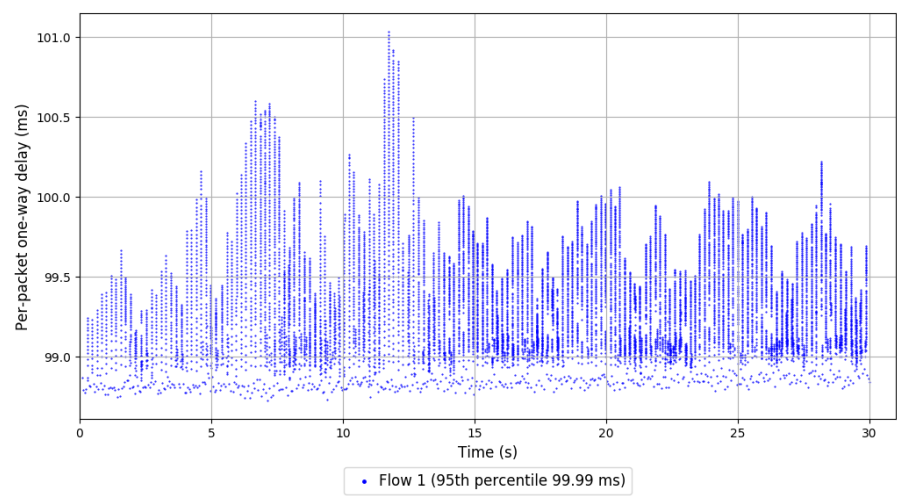
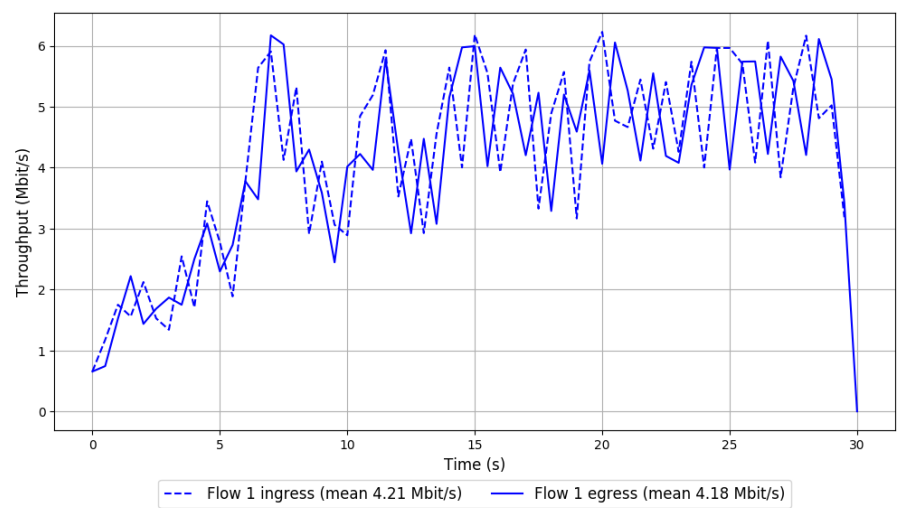
-- Flow 1:

Average throughput: 4.18 Mbit/s

95th percentile per-packet one-way delay: 99.986 ms

Loss rate: 0.87%

Run 2: Report of Sprout — Data Link

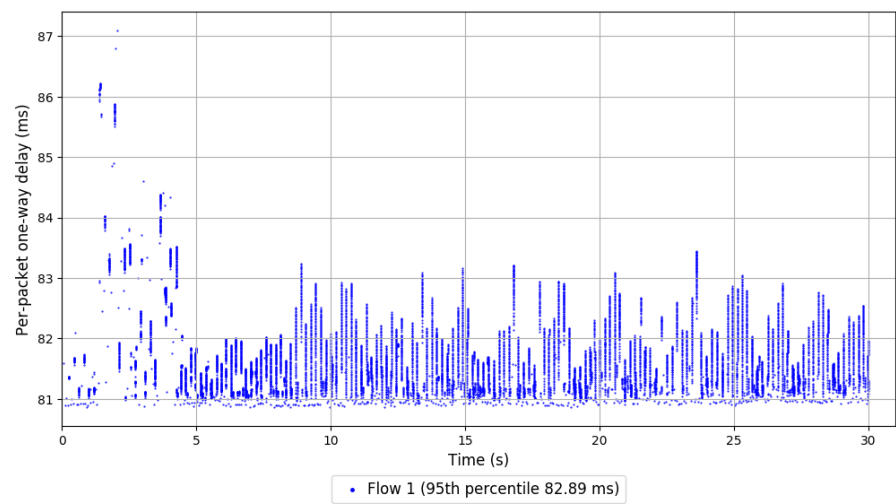
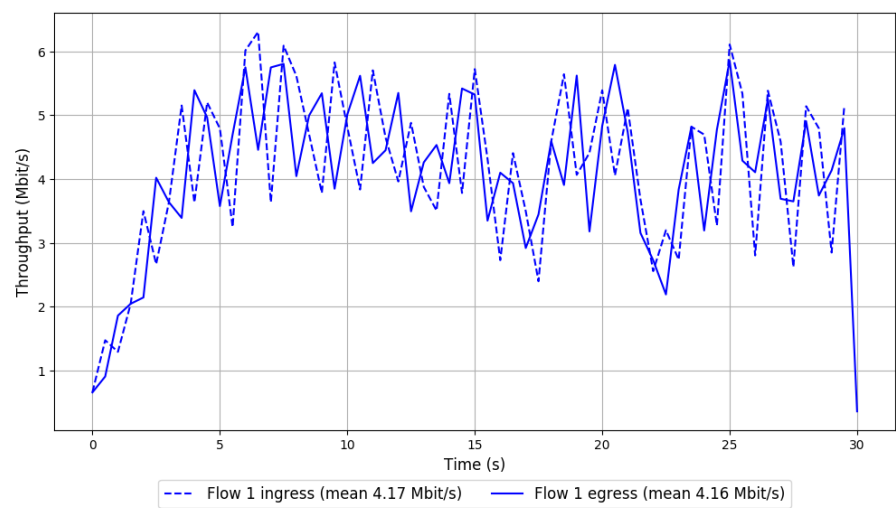


Run 3: Statistics of Sprout

Start at: 2017-10-10 21:10:09
End at: 2017-10-10 21:10:39
Local clock offset: -5.853 ms
Remote clock offset: -7.453 ms

Below is generated by plot.py at 2017-10-10 23:35:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.16 Mbit/s
95th percentile per-packet one-way delay: 82.895 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 4.16 Mbit/s
95th percentile per-packet one-way delay: 82.895 ms
Loss rate: 0.35%

Run 3: Report of Sprout — Data Link

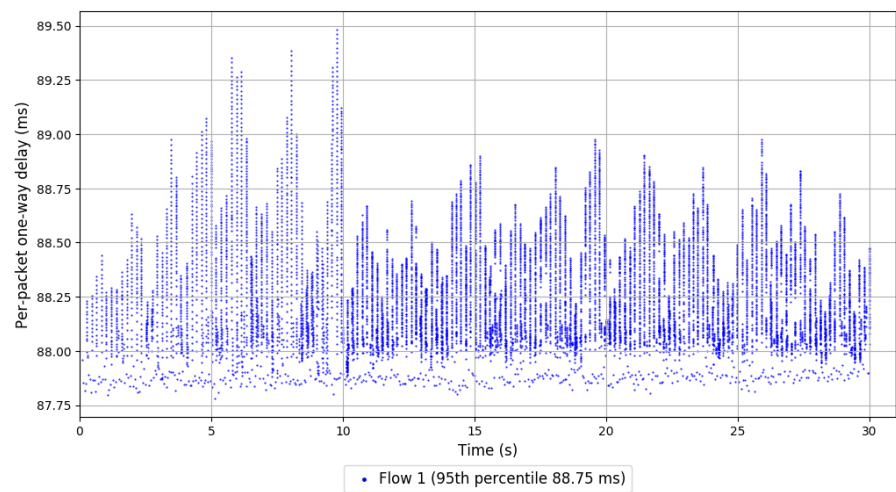
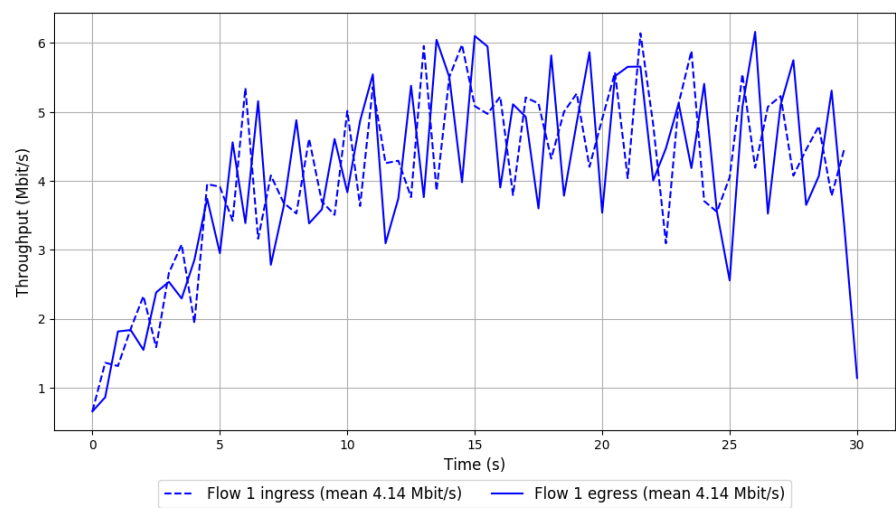


Run 4: Statistics of Sprout

Start at: 2017-10-10 21:27:37
End at: 2017-10-10 21:28:07
Local clock offset: -3.736 ms
Remote clock offset: -2.706 ms

Below is generated by plot.py at 2017-10-10 23:35:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.14 Mbit/s
95th percentile per-packet one-way delay: 88.750 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 4.14 Mbit/s
95th percentile per-packet one-way delay: 88.750 ms
Loss rate: 0.04%

Run 4: Report of Sprout — Data Link

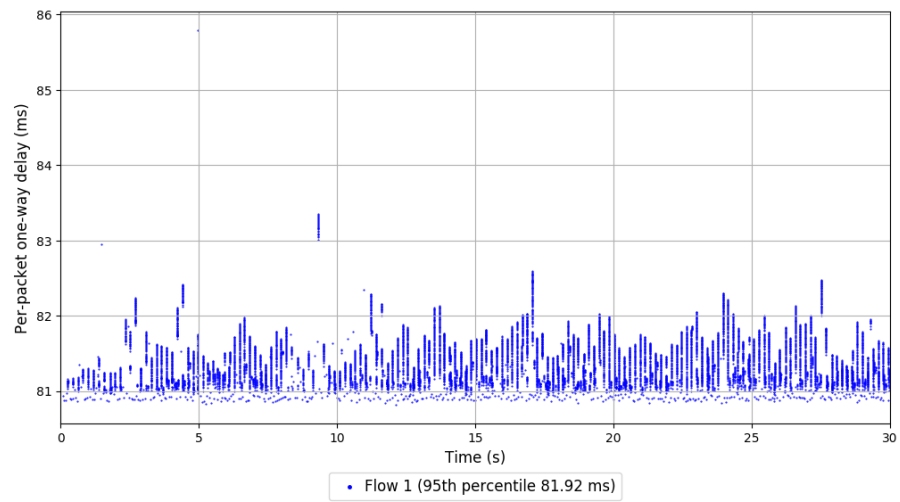
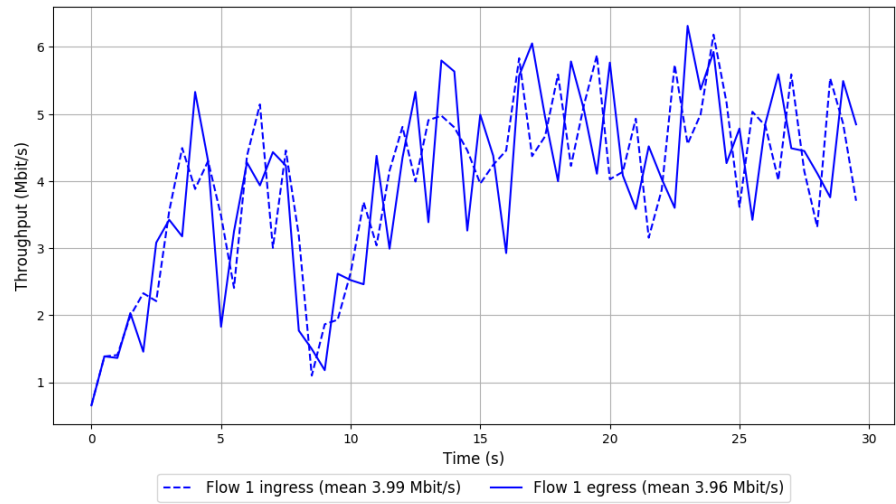


Run 5: Statistics of Sprout

Start at: 2017-10-10 21:45:33
End at: 2017-10-10 21:46:03
Local clock offset: -2.574 ms
Remote clock offset: -8.164 ms

Below is generated by plot.py at 2017-10-10 23:35:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 3.96 Mbit/s
95th percentile per-packet one-way delay: 81.918 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 3.96 Mbit/s
95th percentile per-packet one-way delay: 81.918 ms
Loss rate: 0.81%

Run 5: Report of Sprout — Data Link

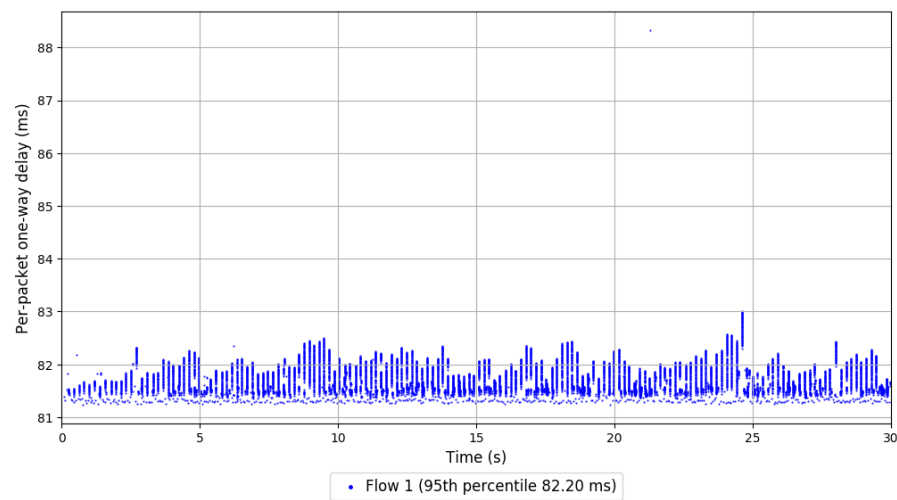
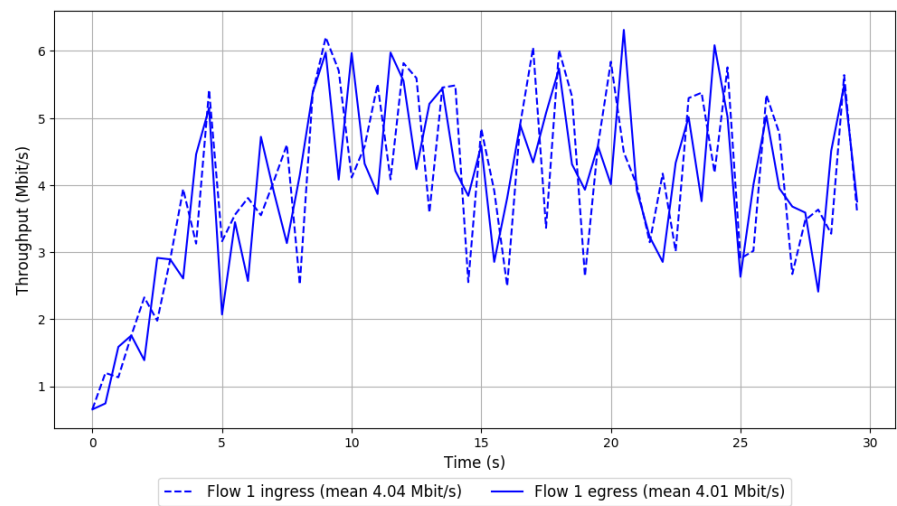


Run 6: Statistics of Sprout

Start at: 2017-10-10 22:03:20
End at: 2017-10-10 22:03:50
Local clock offset: -2.65 ms
Remote clock offset: -8.444 ms

Below is generated by plot.py at 2017-10-10 23:35:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.01 Mbit/s
95th percentile per-packet one-way delay: 82.202 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 4.01 Mbit/s
95th percentile per-packet one-way delay: 82.202 ms
Loss rate: 0.65%

Run 6: Report of Sprout — Data Link

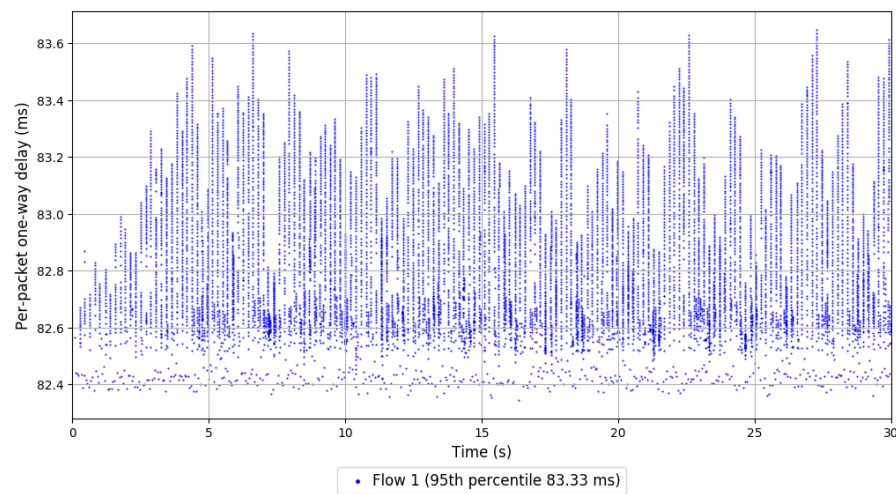
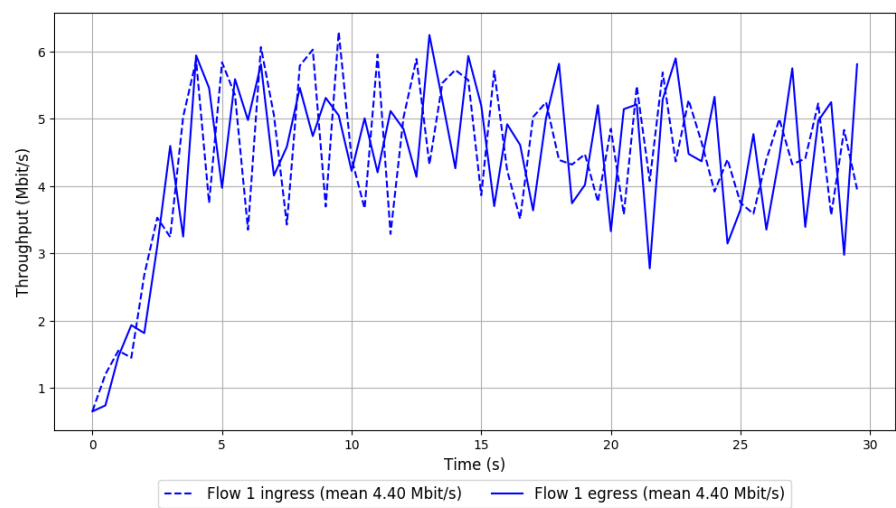


Run 7: Statistics of Sprout

Start at: 2017-10-10 22:21:15
End at: 2017-10-10 22:21:45
Local clock offset: -2.832 ms
Remote clock offset: -8.681 ms

Below is generated by plot.py at 2017-10-10 23:35:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.40 Mbit/s
95th percentile per-packet one-way delay: 83.334 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 4.40 Mbit/s
95th percentile per-packet one-way delay: 83.334 ms
Loss rate: 0.02%

Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

Start at: 2017-10-10 22:39:20

End at: 2017-10-10 22:39:50

Local clock offset: -2.802 ms

Remote clock offset: -8.51 ms

Below is generated by plot.py at 2017-10-10 23:35:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.30 Mbit/s

95th percentile per-packet one-way delay: 84.243 ms

Loss rate: 0.37%

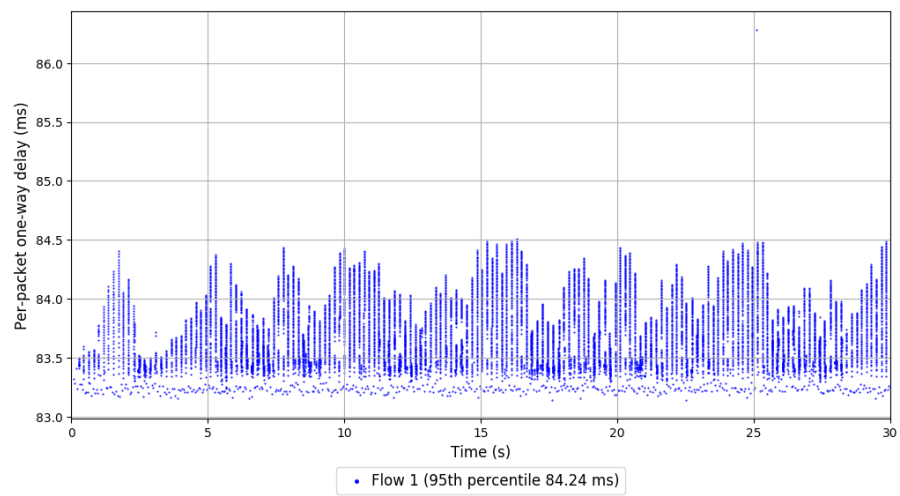
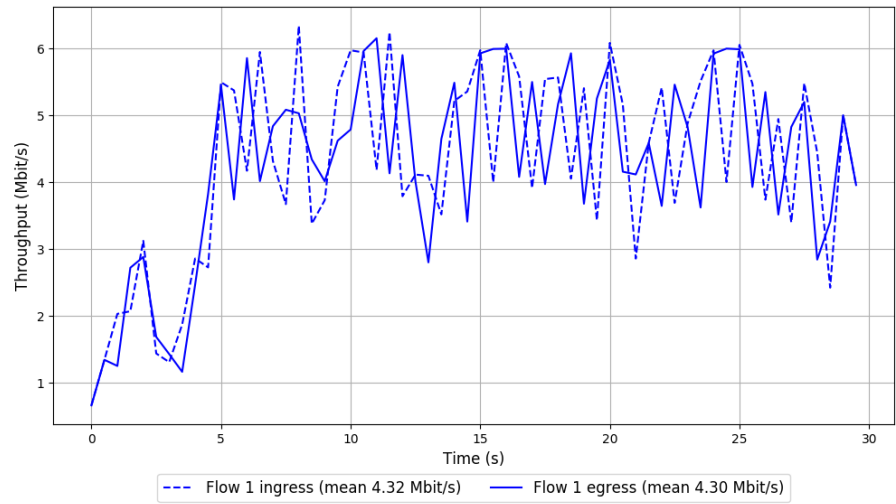
-- Flow 1:

Average throughput: 4.30 Mbit/s

95th percentile per-packet one-way delay: 84.243 ms

Loss rate: 0.37%

Run 8: Report of Sprout — Data Link

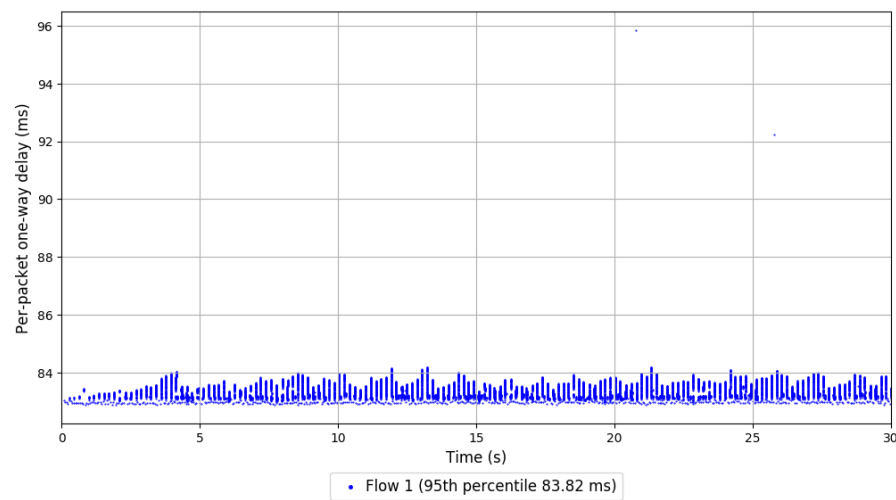
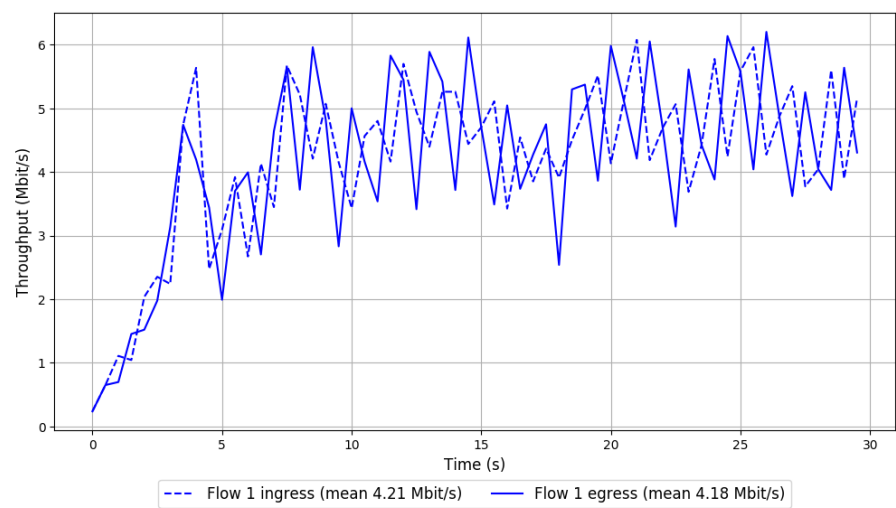


Run 9: Statistics of Sprout

Start at: 2017-10-10 22:56:39
End at: 2017-10-10 22:57:09
Local clock offset: -2.917 ms
Remote clock offset: -8.812 ms

Below is generated by plot.py at 2017-10-10 23:35:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.18 Mbit/s
95th percentile per-packet one-way delay: 83.817 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 4.18 Mbit/s
95th percentile per-packet one-way delay: 83.817 ms
Loss rate: 0.68%

Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: 2017-10-10 23:13:55

End at: 2017-10-10 23:14:25

Local clock offset: -2.43 ms

Remote clock offset: -3.844 ms

Below is generated by plot.py at 2017-10-10 23:35:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.11 Mbit/s

95th percentile per-packet one-way delay: 87.480 ms

Loss rate: 0.75%

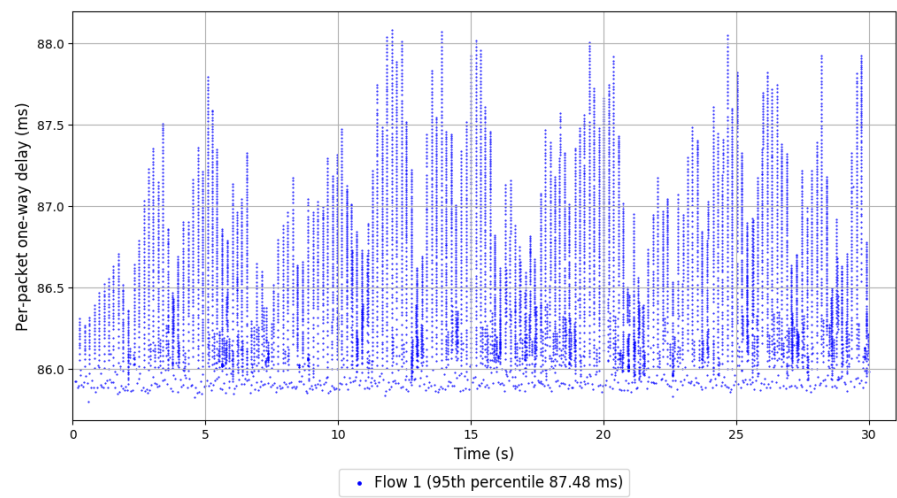
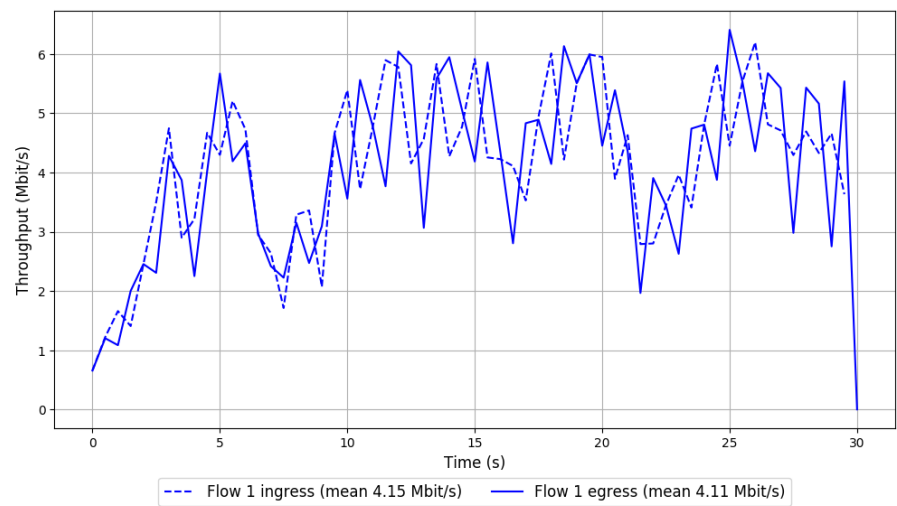
-- Flow 1:

Average throughput: 4.11 Mbit/s

95th percentile per-packet one-way delay: 87.480 ms

Loss rate: 0.75%

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: 2017-10-10 20:33:44

End at: 2017-10-10 20:34:14

Local clock offset: -7.732 ms

Remote clock offset: 2.476 ms

Below is generated by plot.py at 2017-10-10 23:36:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 26.16 Mbit/s

95th percentile per-packet one-way delay: 90.348 ms

Loss rate: 33.26%

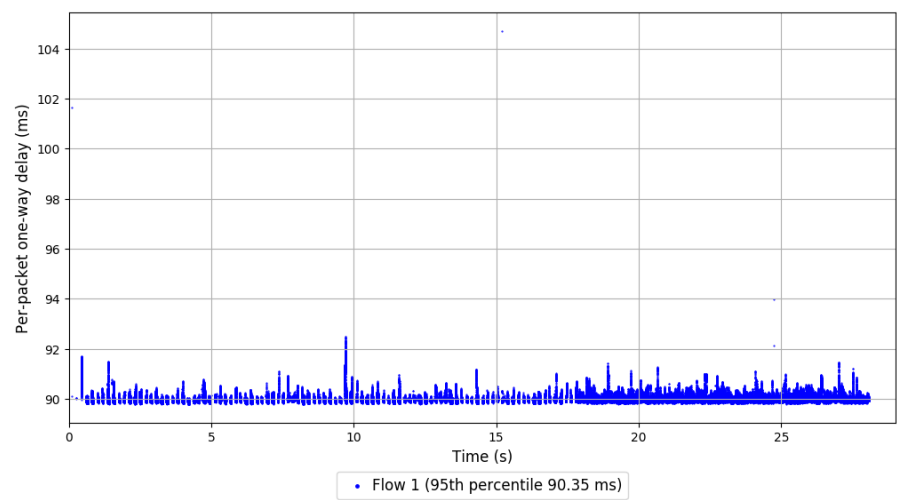
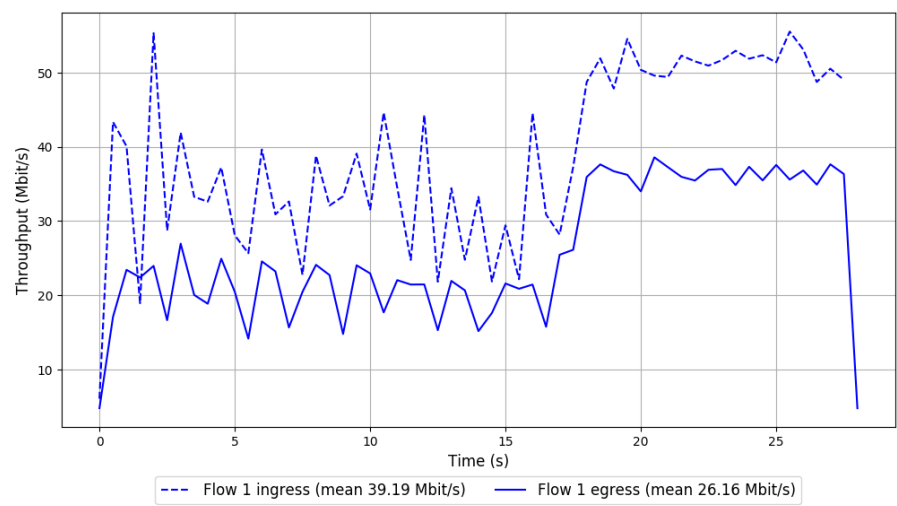
-- Flow 1:

Average throughput: 26.16 Mbit/s

95th percentile per-packet one-way delay: 90.348 ms

Loss rate: 33.26%

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



Run 2: Statistics of TaoVA-100x

Start at: 2017-10-10 20:51:29

End at: 2017-10-10 20:51:59

Local clock offset: -6.905 ms

Remote clock offset: 8.579 ms

Below is generated by plot.py at 2017-10-10 23:36:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 20.12 Mbit/s

95th percentile per-packet one-way delay: 98.547 ms

Loss rate: 36.99%

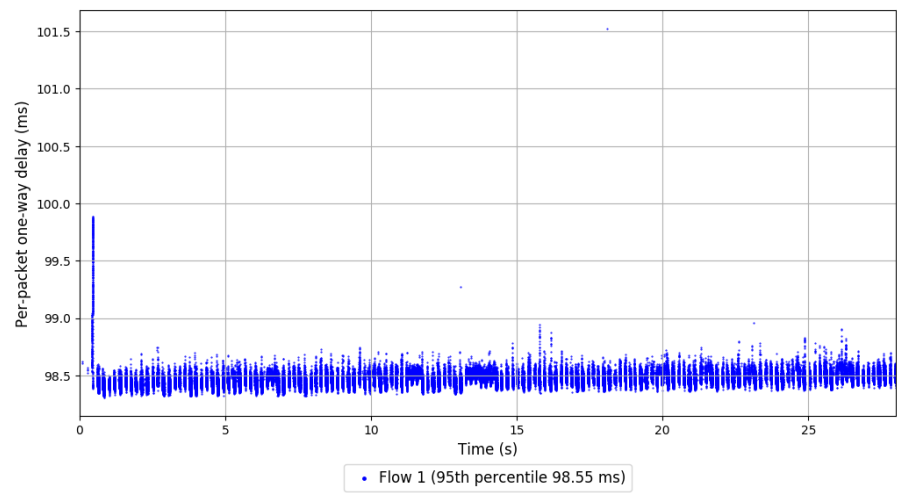
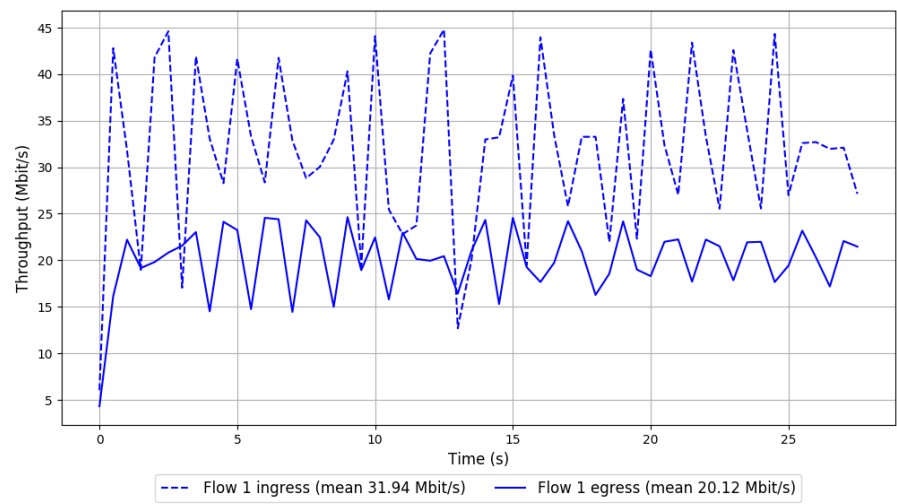
-- Flow 1:

Average throughput: 20.12 Mbit/s

95th percentile per-packet one-way delay: 98.547 ms

Loss rate: 36.99%

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

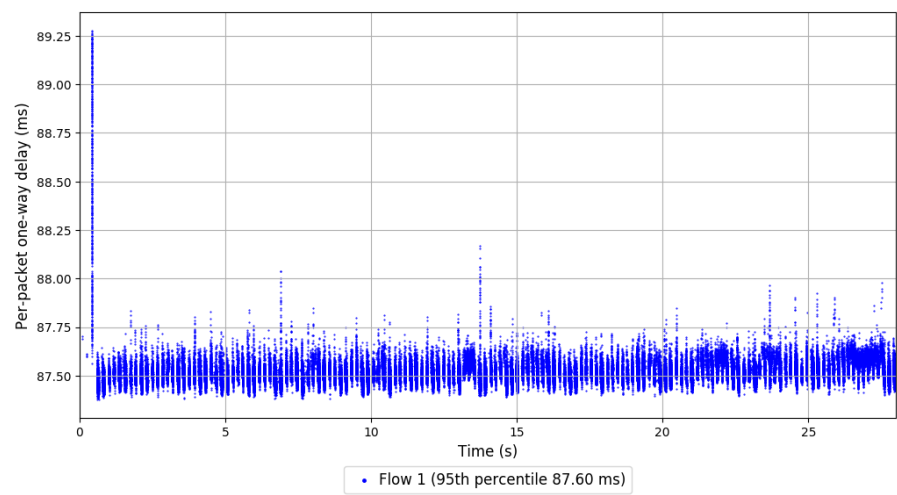
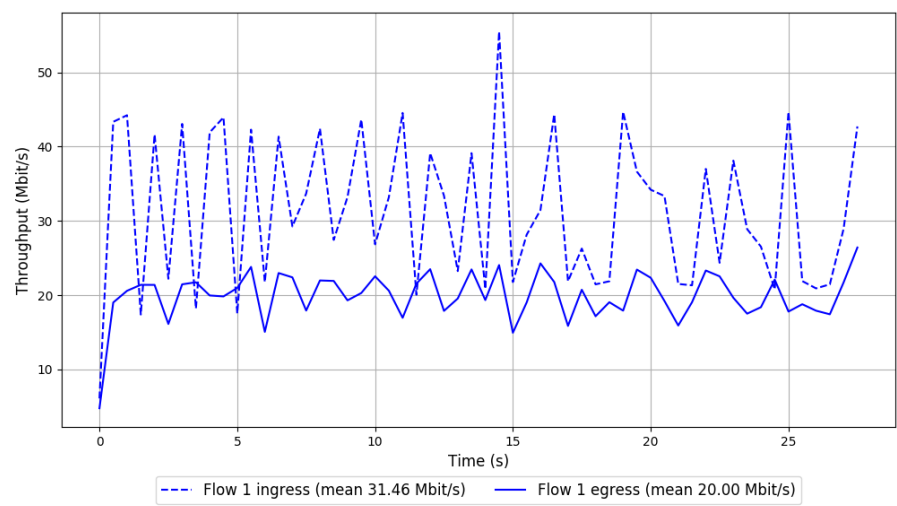


Run 3: Statistics of TaoVA-100x

Start at: 2017-10-10 21:08:53
End at: 2017-10-10 21:09:23
Local clock offset: -5.821 ms
Remote clock offset: -2.616 ms

Below is generated by plot.py at 2017-10-10 23:36:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 20.00 Mbit/s
95th percentile per-packet one-way delay: 87.604 ms
Loss rate: 36.44%
-- Flow 1:
Average throughput: 20.00 Mbit/s
95th percentile per-packet one-way delay: 87.604 ms
Loss rate: 36.44%

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

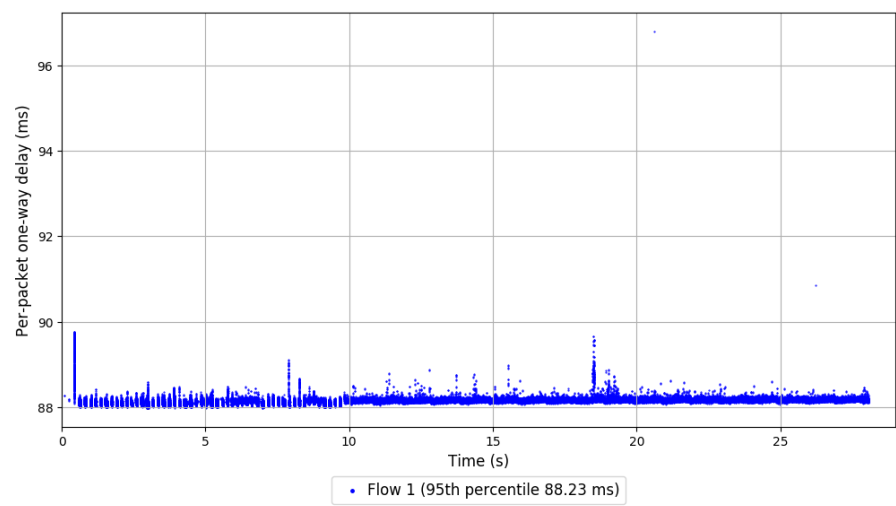
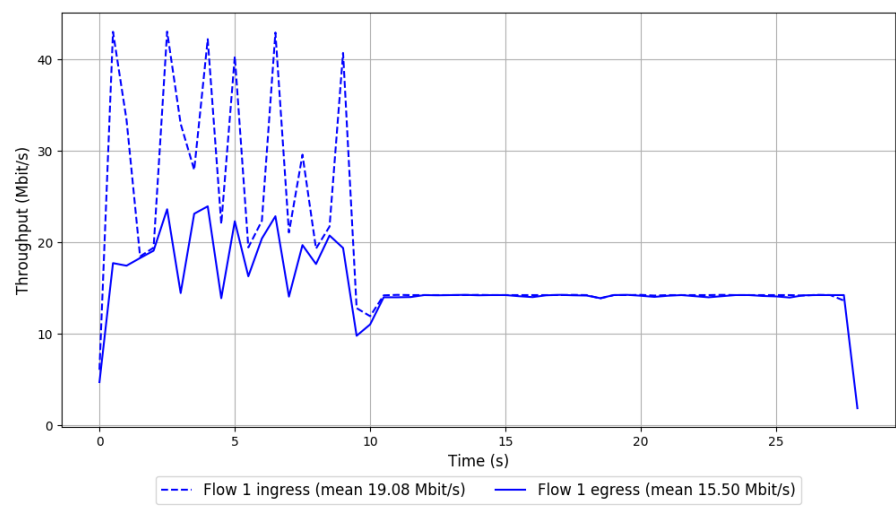


Run 4: Statistics of TaoVA-100x

Start at: 2017-10-10 21:26:21
End at: 2017-10-10 21:26:51
Local clock offset: -3.787 ms
Remote clock offset: -2.472 ms

Below is generated by plot.py at 2017-10-10 23:36:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.50 Mbit/s
95th percentile per-packet one-way delay: 88.231 ms
Loss rate: 18.75%
-- Flow 1:
Average throughput: 15.50 Mbit/s
95th percentile per-packet one-way delay: 88.231 ms
Loss rate: 18.75%

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

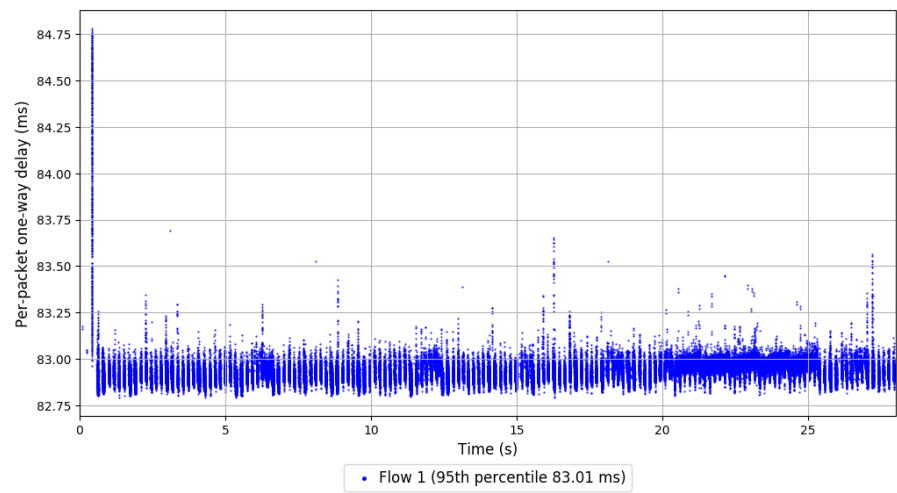
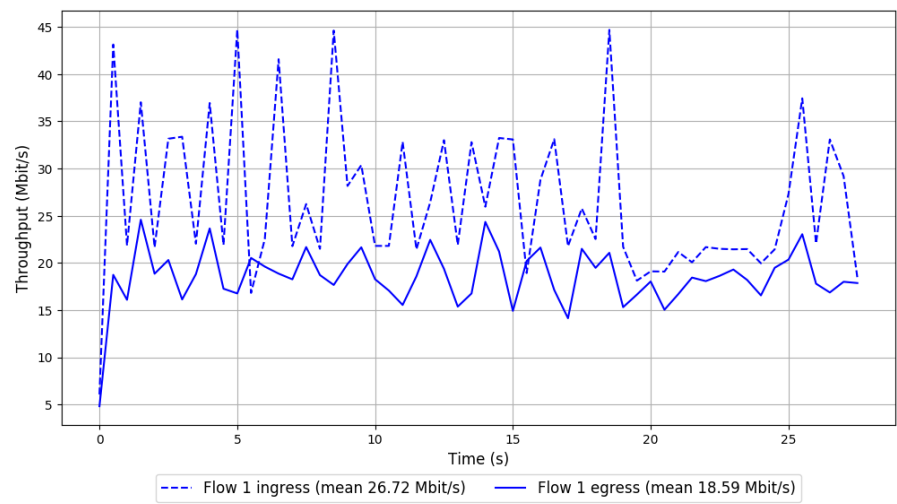


Run 5: Statistics of TaoVA-100x

Start at: 2017-10-10 21:44:14
End at: 2017-10-10 21:44:44
Local clock offset: -2.696 ms
Remote clock offset: -7.953 ms

Below is generated by plot.py at 2017-10-10 23:36:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 18.59 Mbit/s
95th percentile per-packet one-way delay: 83.011 ms
Loss rate: 30.43%
-- Flow 1:
Average throughput: 18.59 Mbit/s
95th percentile per-packet one-way delay: 83.011 ms
Loss rate: 30.43%

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



Run 6: Statistics of TaoVA-100x

Start at: 2017-10-10 22:02:02

End at: 2017-10-10 22:02:32

Local clock offset: -2.756 ms

Remote clock offset: -3.6 ms

Below is generated by plot.py at 2017-10-10 23:36:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 20.66 Mbit/s

95th percentile per-packet one-way delay: 88.381 ms

Loss rate: 33.80%

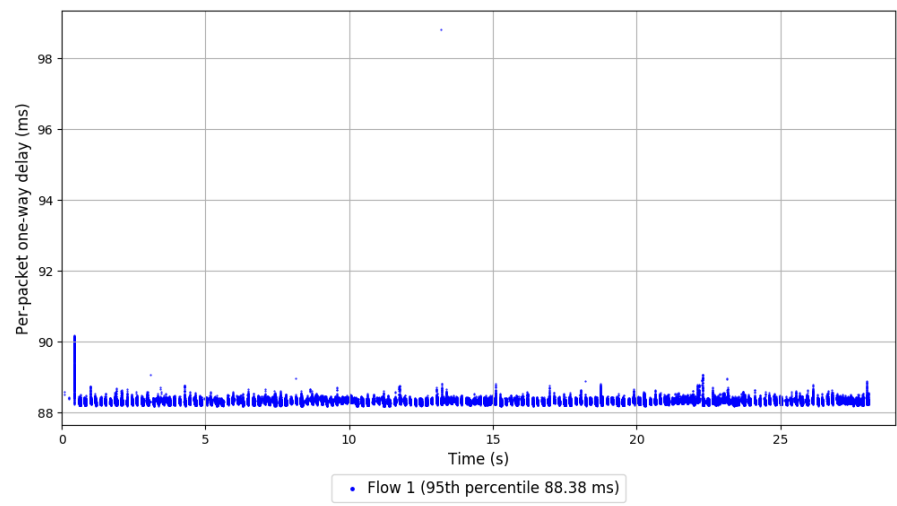
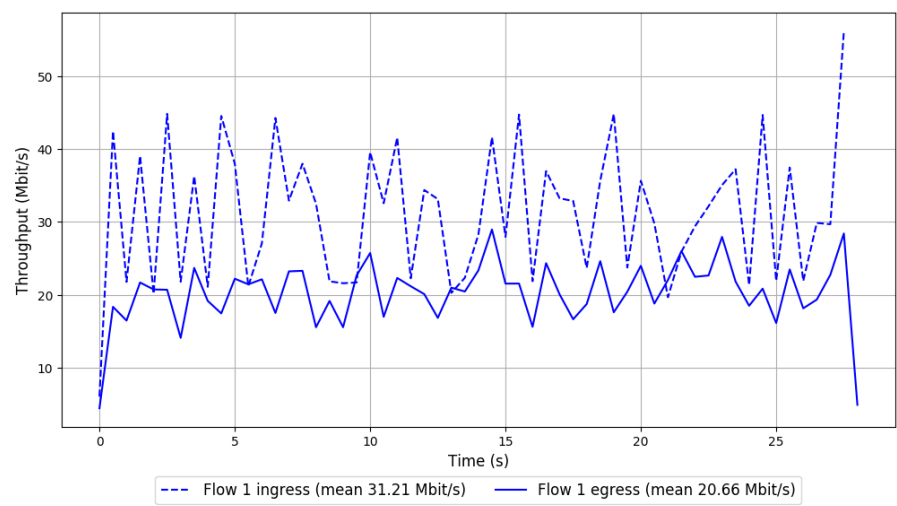
-- Flow 1:

Average throughput: 20.66 Mbit/s

95th percentile per-packet one-way delay: 88.381 ms

Loss rate: 33.80%

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

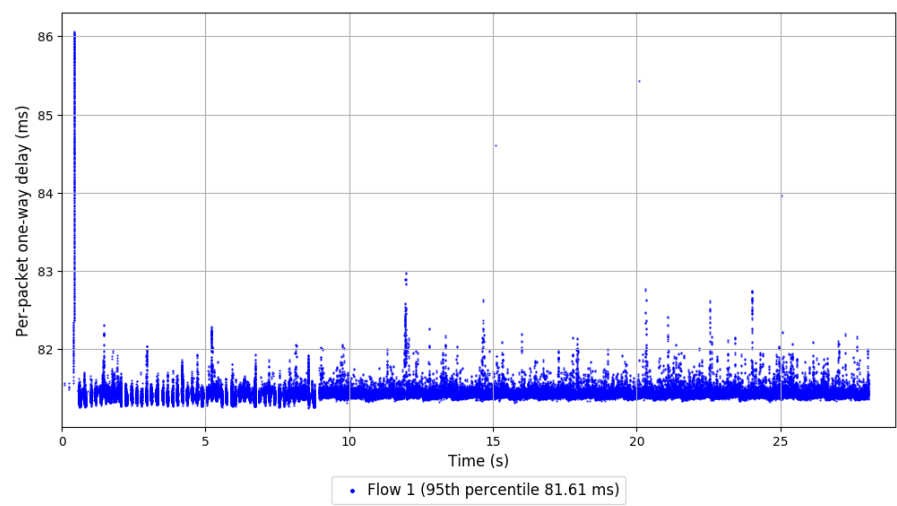
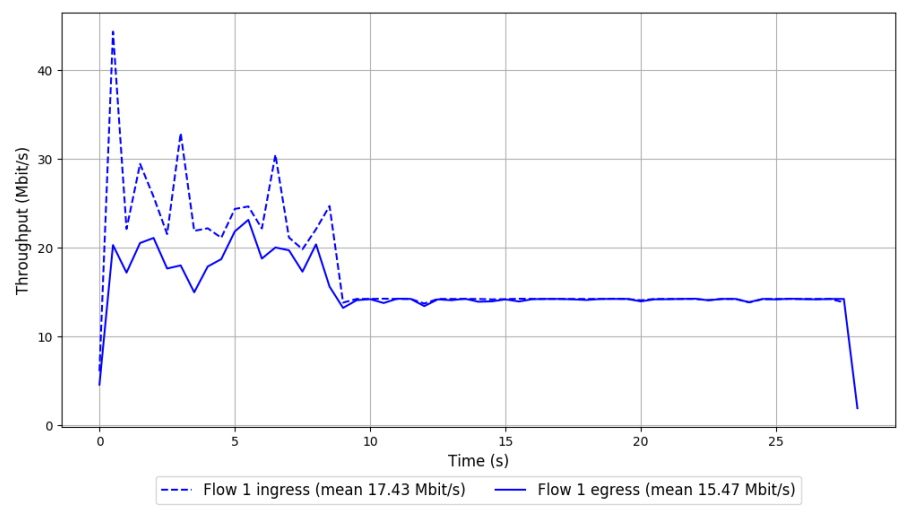


Run 7: Statistics of TaoVA-100x

Start at: 2017-10-10 22:19:59
End at: 2017-10-10 22:20:29
Local clock offset: -2.892 ms
Remote clock offset: -8.569 ms

Below is generated by plot.py at 2017-10-10 23:36:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.47 Mbit/s
95th percentile per-packet one-way delay: 81.609 ms
Loss rate: 11.25%
-- Flow 1:
Average throughput: 15.47 Mbit/s
95th percentile per-packet one-way delay: 81.609 ms
Loss rate: 11.25%

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

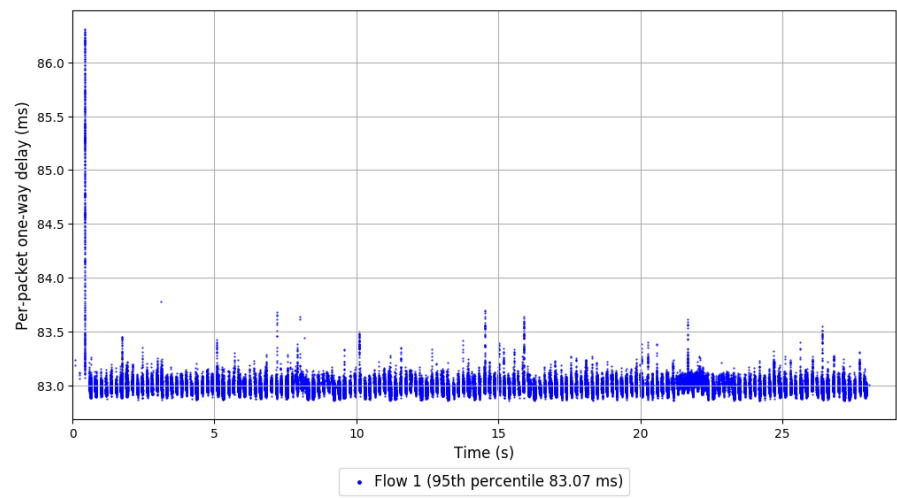
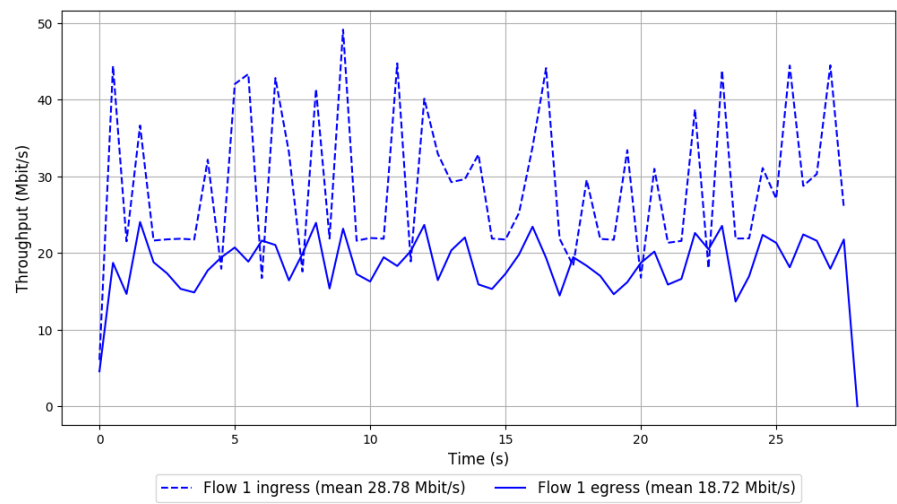


Run 8: Statistics of TaoVA-100x

Start at: 2017-10-10 22:38:02
End at: 2017-10-10 22:38:32
Local clock offset: -2.955 ms
Remote clock offset: -8.765 ms

Below is generated by plot.py at 2017-10-10 23:36:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 18.72 Mbit/s
95th percentile per-packet one-way delay: 83.068 ms
Loss rate: 34.95%
-- Flow 1:
Average throughput: 18.72 Mbit/s
95th percentile per-packet one-way delay: 83.068 ms
Loss rate: 34.95%

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



Run 9: Statistics of TaoVA-100x

Start at: 2017-10-10 22:55:17

End at: 2017-10-10 22:55:47

Local clock offset: -2.94 ms

Remote clock offset: -3.861 ms

Below is generated by plot.py at 2017-10-10 23:36:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 19.57 Mbit/s

95th percentile per-packet one-way delay: 86.427 ms

Loss rate: 32.84%

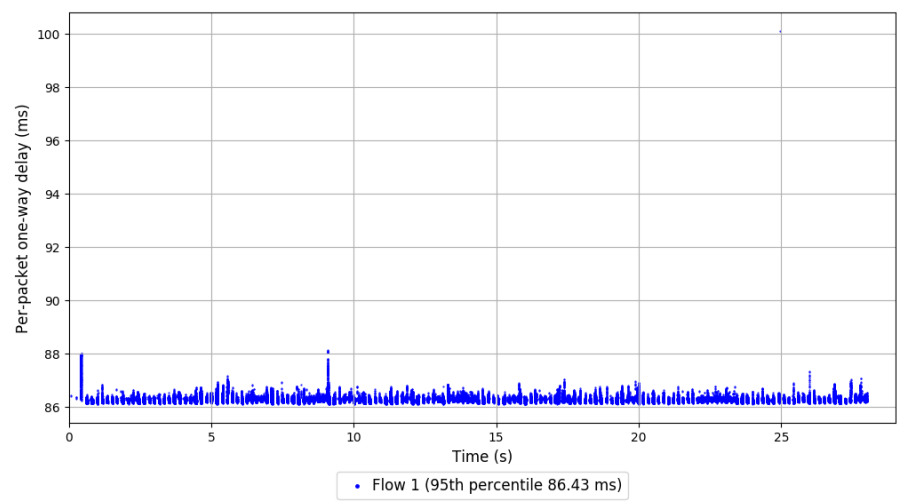
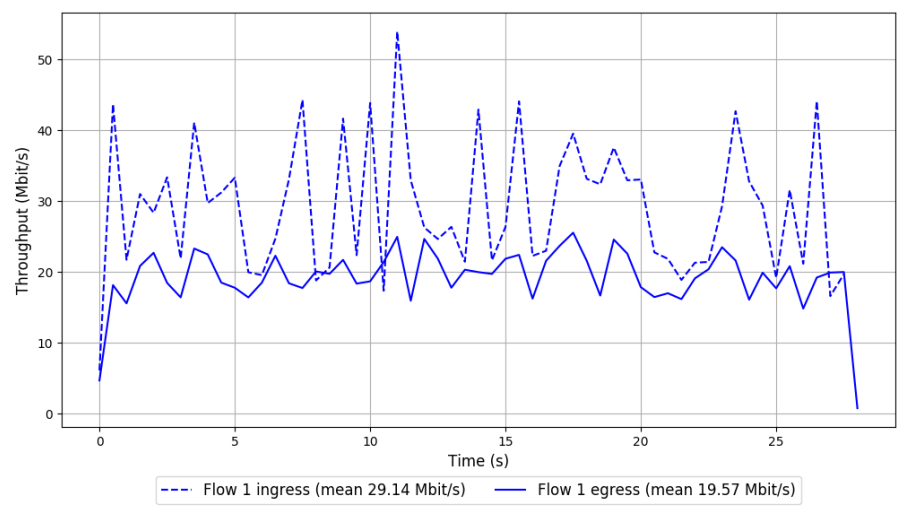
-- Flow 1:

Average throughput: 19.57 Mbit/s

95th percentile per-packet one-way delay: 86.427 ms

Loss rate: 32.84%

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



Run 10: Statistics of TaoVA-100x

Start at: 2017-10-10 23:12:39

End at: 2017-10-10 23:13:09

Local clock offset: -2.428 ms

Remote clock offset: -3.891 ms

Below is generated by plot.py at 2017-10-10 23:36:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 19.33 Mbit/s

95th percentile per-packet one-way delay: 88.004 ms

Loss rate: 32.15%

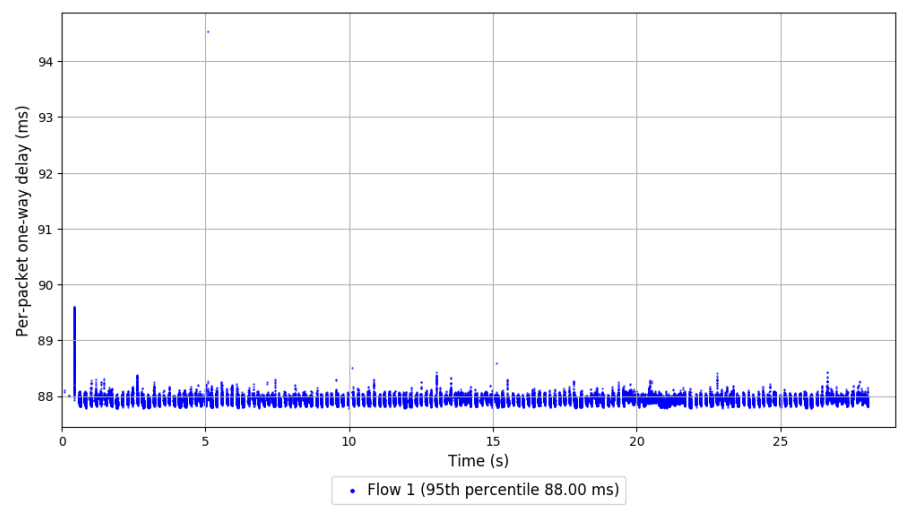
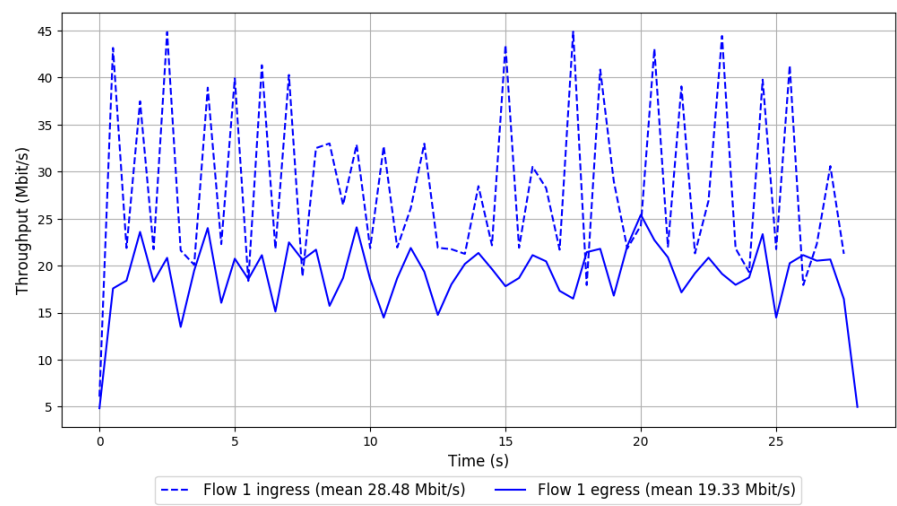
-- Flow 1:

Average throughput: 19.33 Mbit/s

95th percentile per-packet one-way delay: 88.004 ms

Loss rate: 32.15%

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



Run 1: Statistics of TCP Vegas

Start at: 2017-10-10 20:44:18

End at: 2017-10-10 20:44:48

Local clock offset: -8.002 ms

Remote clock offset: 2.922 ms

Below is generated by plot.py at 2017-10-10 23:36:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 3.07 Mbit/s

95th percentile per-packet one-way delay: 92.803 ms

Loss rate: 1.14%

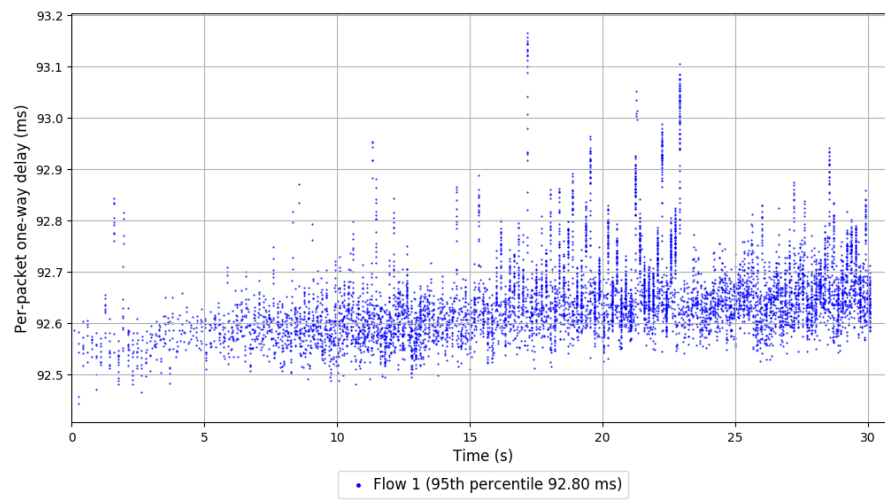
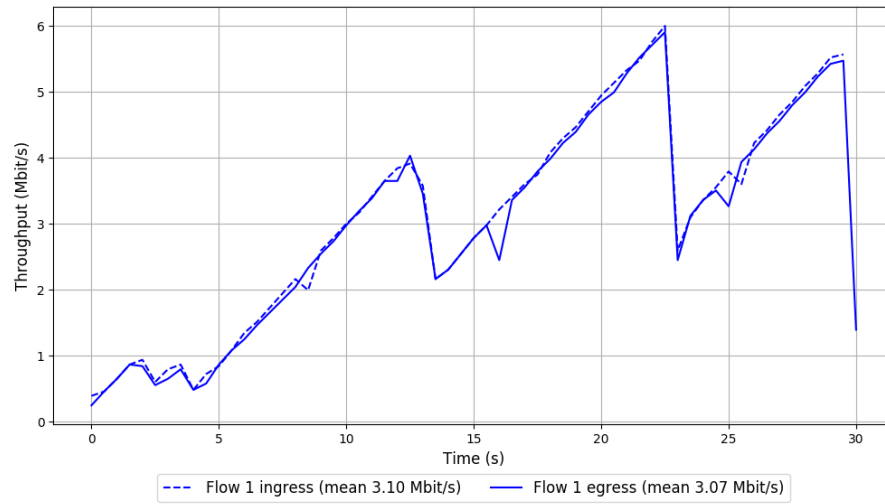
-- Flow 1:

Average throughput: 3.07 Mbit/s

95th percentile per-packet one-way delay: 92.803 ms

Loss rate: 1.14%

Run 1: Report of TCP Vegas — Data Link

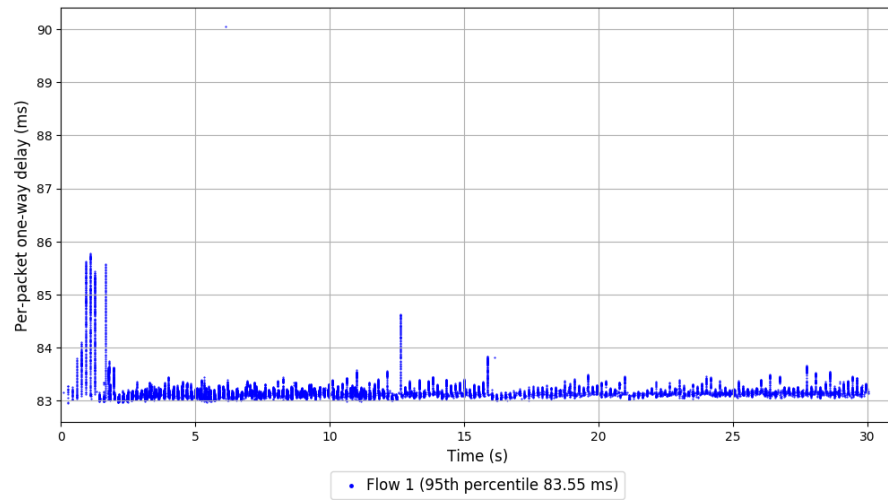
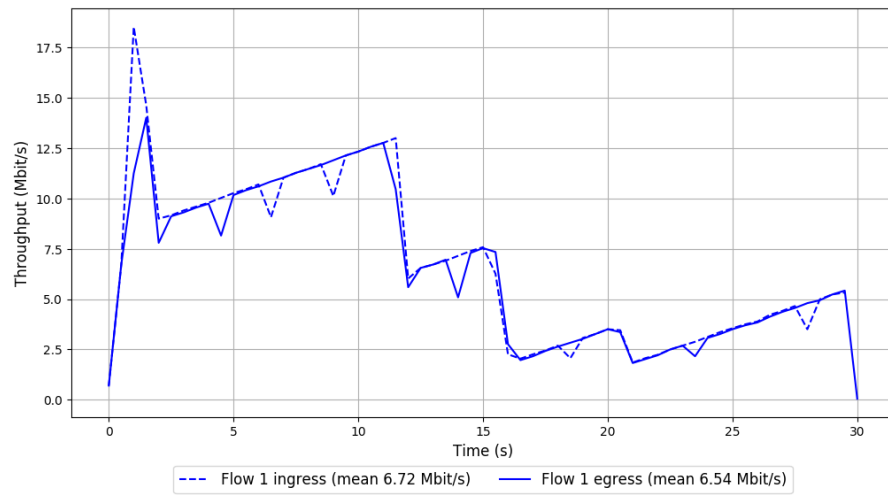


Run 2: Statistics of TCP Vegas

Start at: 2017-10-10 21:01:44
End at: 2017-10-10 21:02:14
Local clock offset: -6.092 ms
Remote clock offset: -7.132 ms

Below is generated by plot.py at 2017-10-10 23:36:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 6.54 Mbit/s
95th percentile per-packet one-way delay: 83.546 ms
Loss rate: 2.75%
-- Flow 1:
Average throughput: 6.54 Mbit/s
95th percentile per-packet one-way delay: 83.546 ms
Loss rate: 2.75%

Run 2: Report of TCP Vegas — Data Link

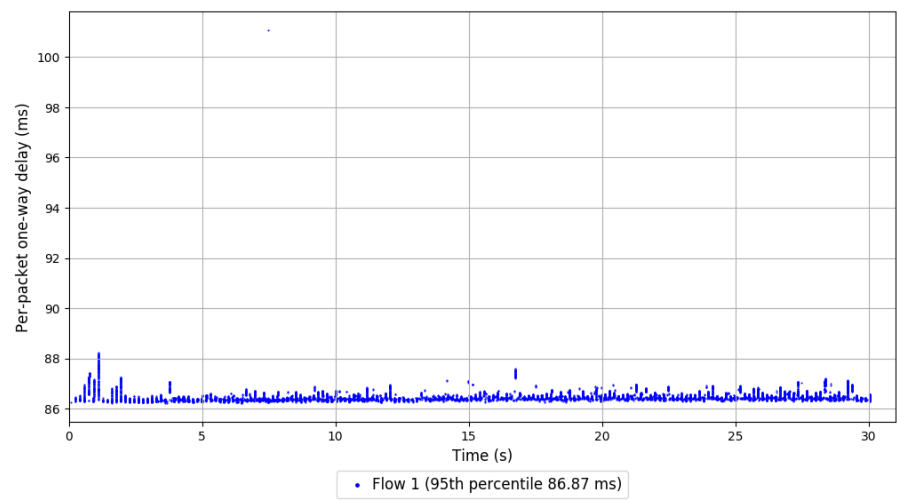
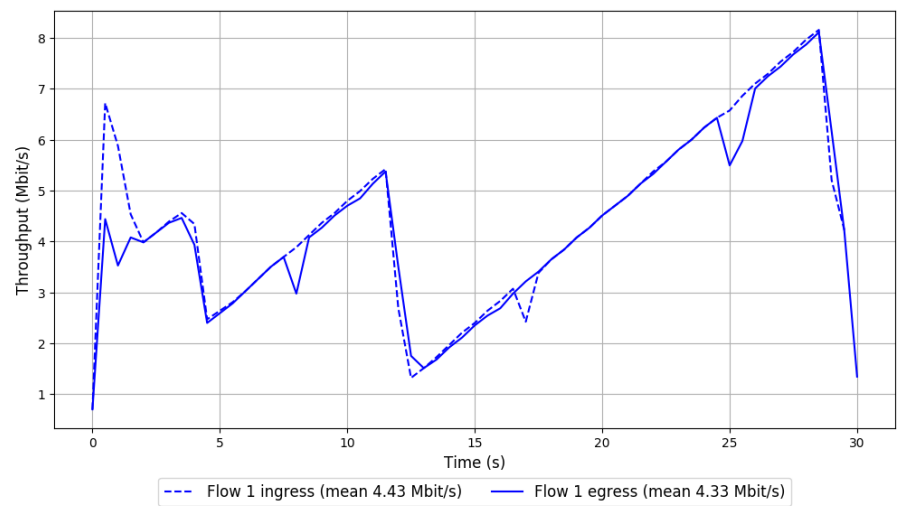


Run 3: Statistics of TCP Vegas

Start at: 2017-10-10 21:19:06
End at: 2017-10-10 21:19:36
Local clock offset: -4.533 ms
Remote clock offset: -2.614 ms

Below is generated by plot.py at 2017-10-10 23:36:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.33 Mbit/s
95th percentile per-packet one-way delay: 86.868 ms
Loss rate: 2.23%
-- Flow 1:
Average throughput: 4.33 Mbit/s
95th percentile per-packet one-way delay: 86.868 ms
Loss rate: 2.23%

Run 3: Report of TCP Vegas — Data Link

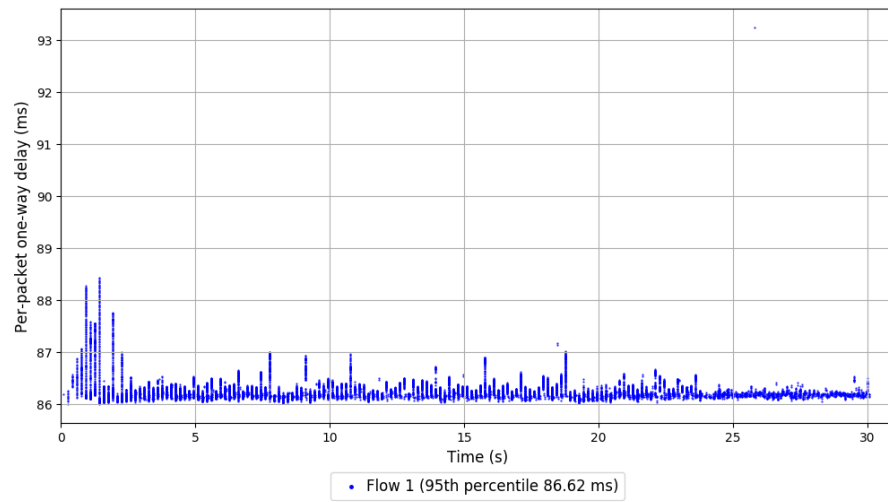
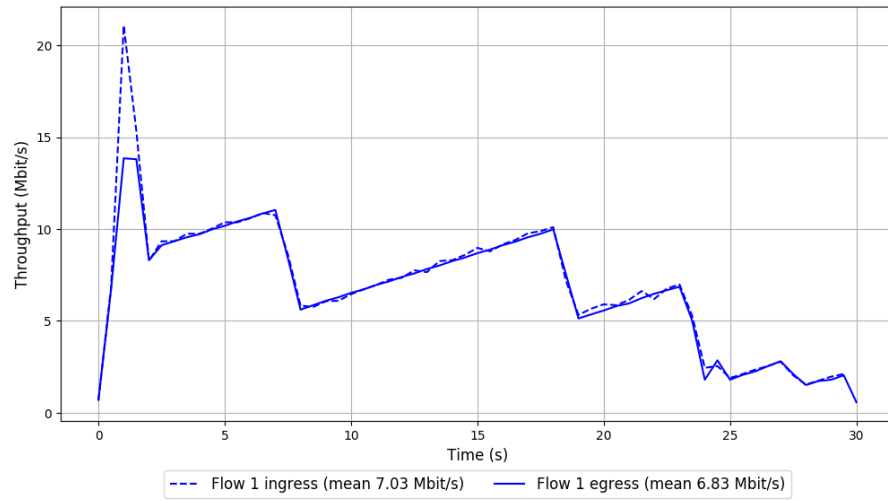


Run 4: Statistics of TCP Vegas

Start at: 2017-10-10 21:37:03
End at: 2017-10-10 21:37:33
Local clock offset: -3.189 ms
Remote clock offset: -3.082 ms

Below is generated by plot.py at 2017-10-10 23:36:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 6.83 Mbit/s
95th percentile per-packet one-way delay: 86.625 ms
Loss rate: 2.85%
-- Flow 1:
Average throughput: 6.83 Mbit/s
95th percentile per-packet one-way delay: 86.625 ms
Loss rate: 2.85%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: 2017-10-10 21:54:41

End at: 2017-10-10 21:55:11

Local clock offset: -2.503 ms

Remote clock offset: -8.18 ms

Below is generated by plot.py at 2017-10-10 23:36:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 6.33 Mbit/s

95th percentile per-packet one-way delay: 83.021 ms

Loss rate: 2.00%

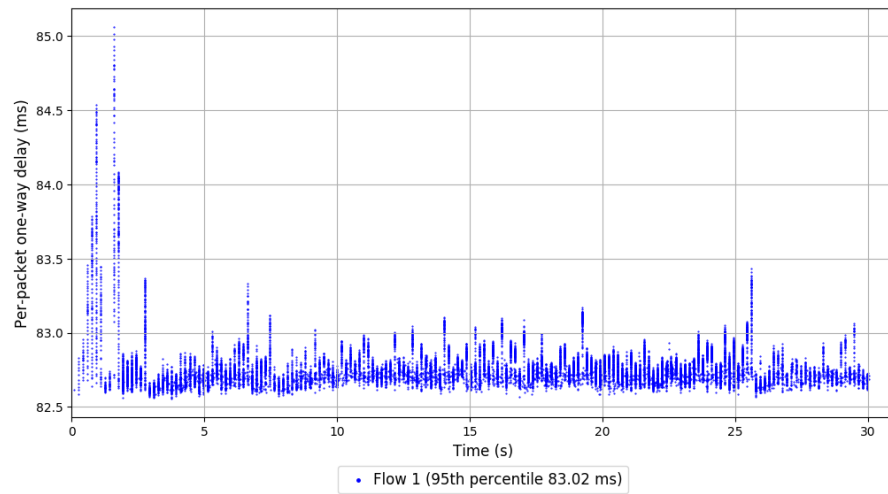
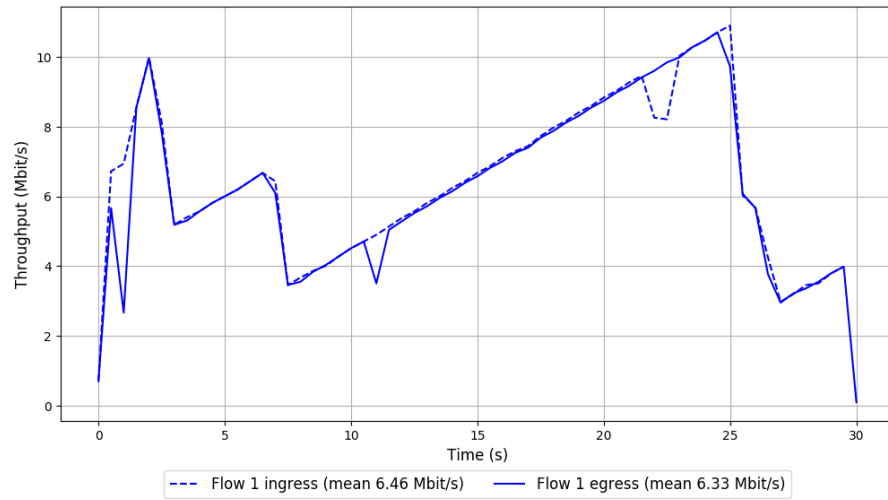
-- Flow 1:

Average throughput: 6.33 Mbit/s

95th percentile per-packet one-way delay: 83.021 ms

Loss rate: 2.00%

Run 5: Report of TCP Vegas — Data Link

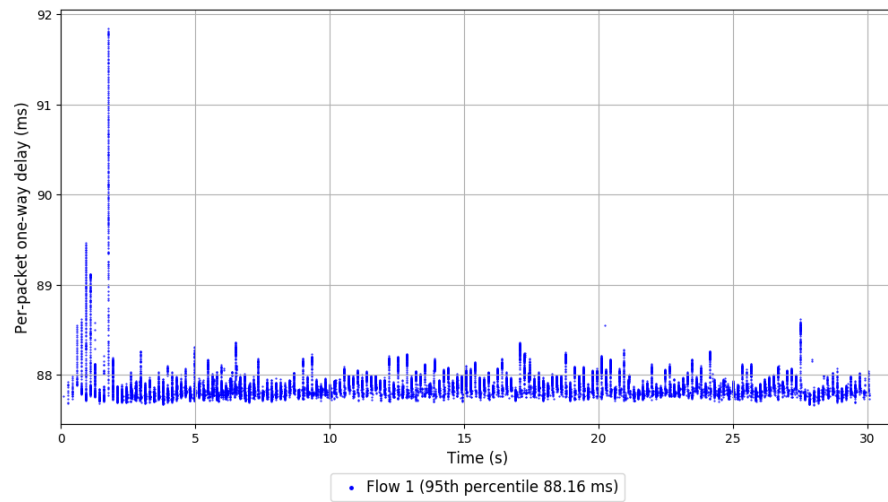
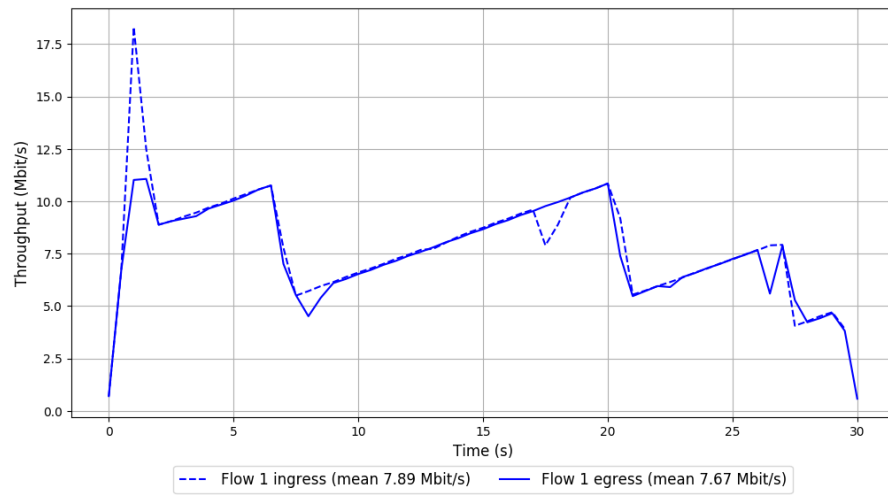


Run 6: Statistics of TCP Vegas

Start at: 2017-10-10 22:12:25
End at: 2017-10-10 22:12:55
Local clock offset: -3.047 ms
Remote clock offset: -3.706 ms

Below is generated by plot.py at 2017-10-10 23:36:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 7.67 Mbit/s
95th percentile per-packet one-way delay: 88.164 ms
Loss rate: 2.69%
-- Flow 1:
Average throughput: 7.67 Mbit/s
95th percentile per-packet one-way delay: 88.164 ms
Loss rate: 2.69%

Run 6: Report of TCP Vegas — Data Link

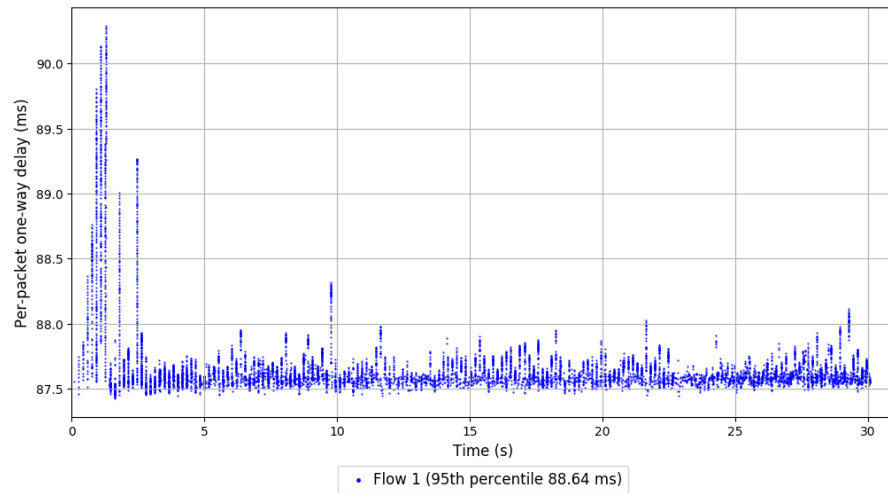
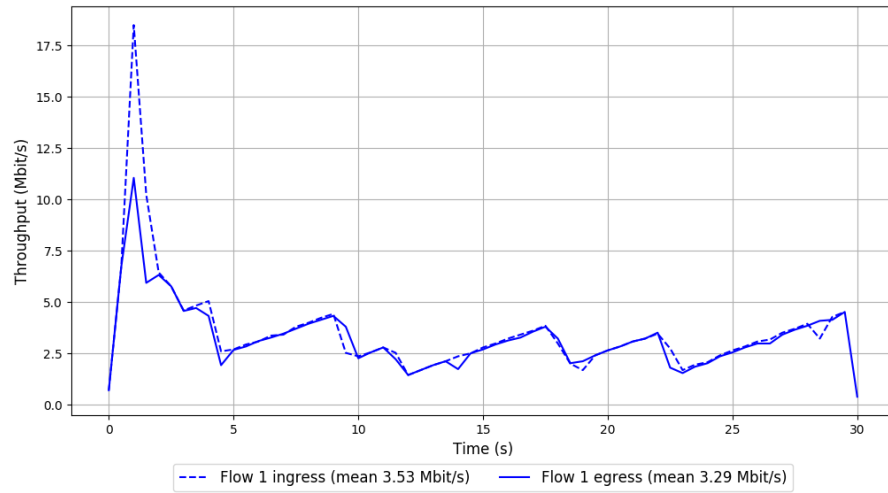


Run 7: Statistics of TCP Vegas

Start at: 2017-10-10 22:30:37
End at: 2017-10-10 22:31:07
Local clock offset: -2.814 ms
Remote clock offset: -3.614 ms

Below is generated by plot.py at 2017-10-10 23:36:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 3.29 Mbit/s
95th percentile per-packet one-way delay: 88.641 ms
Loss rate: 6.71%
-- Flow 1:
Average throughput: 3.29 Mbit/s
95th percentile per-packet one-way delay: 88.641 ms
Loss rate: 6.71%

Run 7: Report of TCP Vegas — Data Link

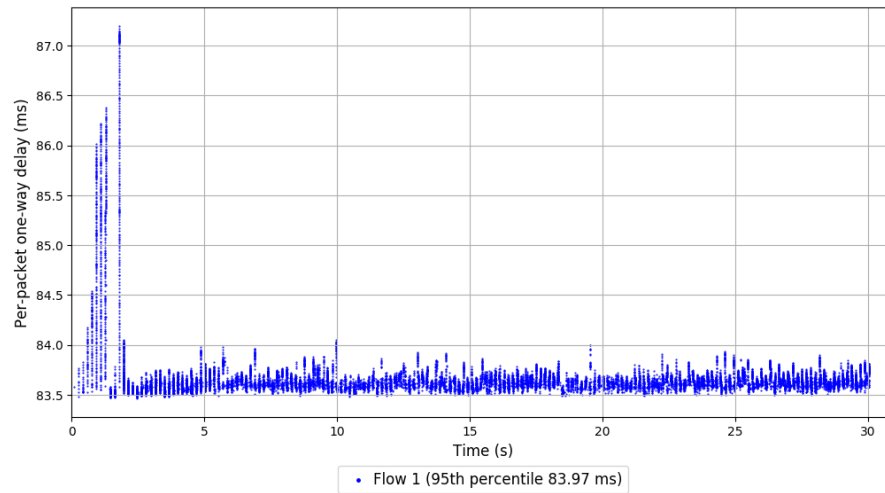
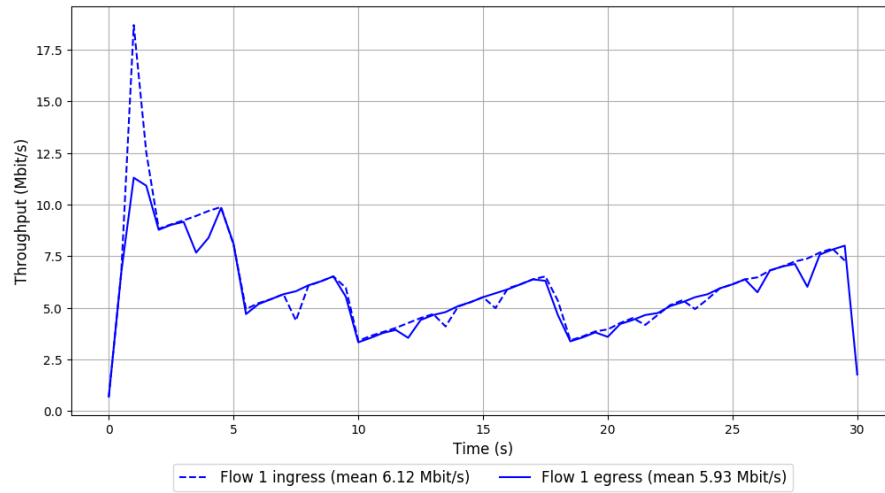


Run 8: Statistics of TCP Vegas

Start at: 2017-10-10 22:48:01
End at: 2017-10-10 22:48:31
Local clock offset: -3.227 ms
Remote clock offset: -8.877 ms

Below is generated by plot.py at 2017-10-10 23:36:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 5.93 Mbit/s
95th percentile per-packet one-way delay: 83.974 ms
Loss rate: 3.13%
-- Flow 1:
Average throughput: 5.93 Mbit/s
95th percentile per-packet one-way delay: 83.974 ms
Loss rate: 3.13%

Run 8: Report of TCP Vegas — Data Link

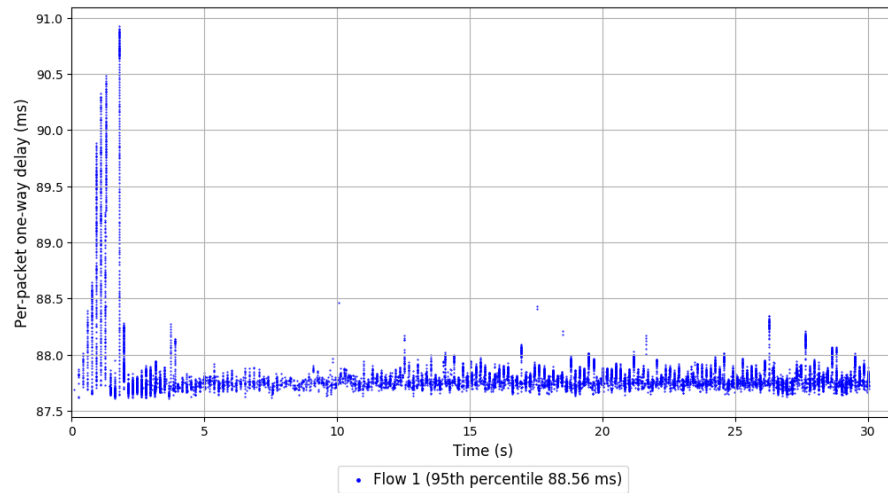
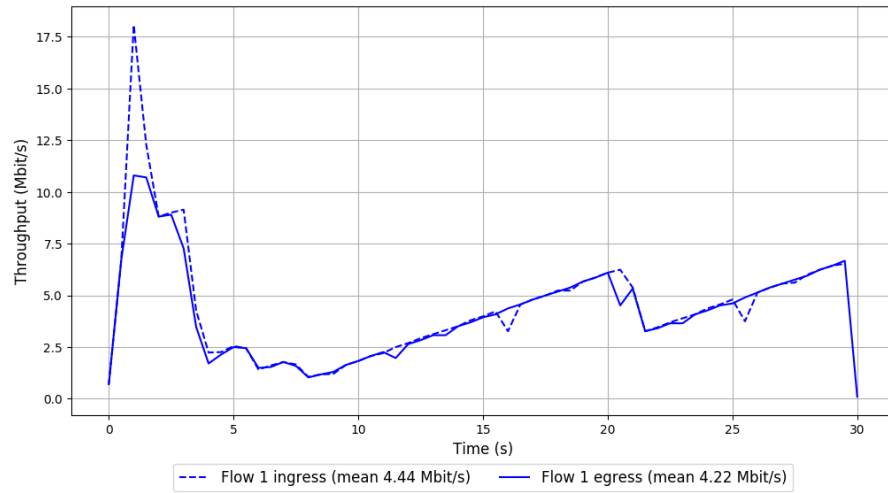


Run 9: Statistics of TCP Vegas

Start at: 2017-10-10 23:05:28
End at: 2017-10-10 23:05:58
Local clock offset: -2.583 ms
Remote clock offset: -3.942 ms

Below is generated by plot.py at 2017-10-10 23:36:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.22 Mbit/s
95th percentile per-packet one-way delay: 88.565 ms
Loss rate: 4.99%
-- Flow 1:
Average throughput: 4.22 Mbit/s
95th percentile per-packet one-way delay: 88.565 ms
Loss rate: 4.99%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: 2017-10-10 23:22:42

End at: 2017-10-10 23:23:12

Local clock offset: -2.344 ms

Remote clock offset: -8.761 ms

Below is generated by plot.py at 2017-10-10 23:36:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.19 Mbit/s

95th percentile per-packet one-way delay: 84.090 ms

Loss rate: 4.20%

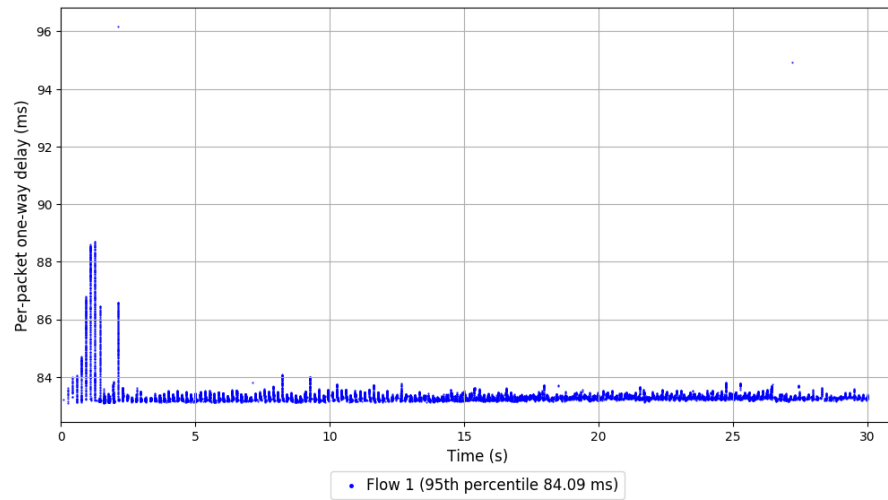
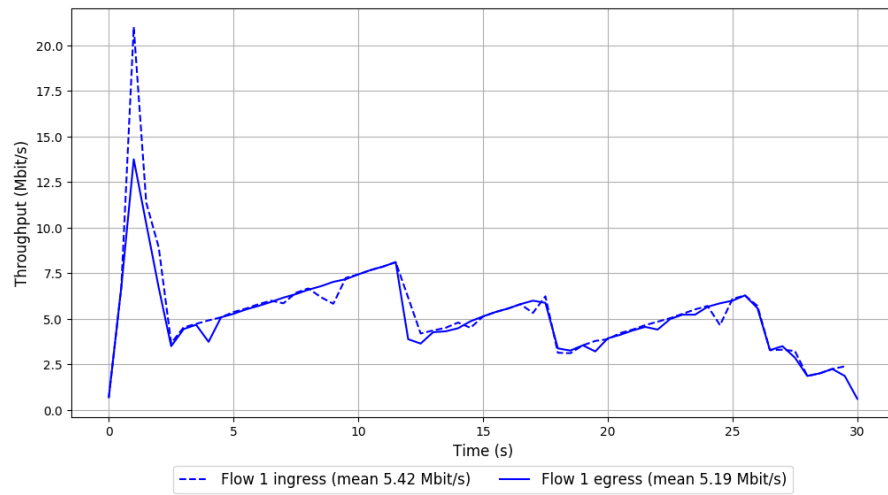
-- Flow 1:

Average throughput: 5.19 Mbit/s

95th percentile per-packet one-way delay: 84.090 ms

Loss rate: 4.20%

Run 10: Report of TCP Vegas — Data Link

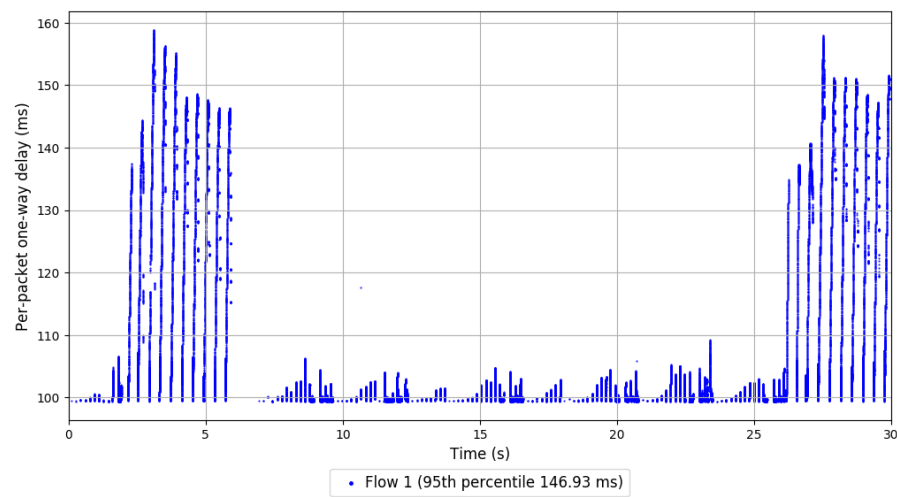
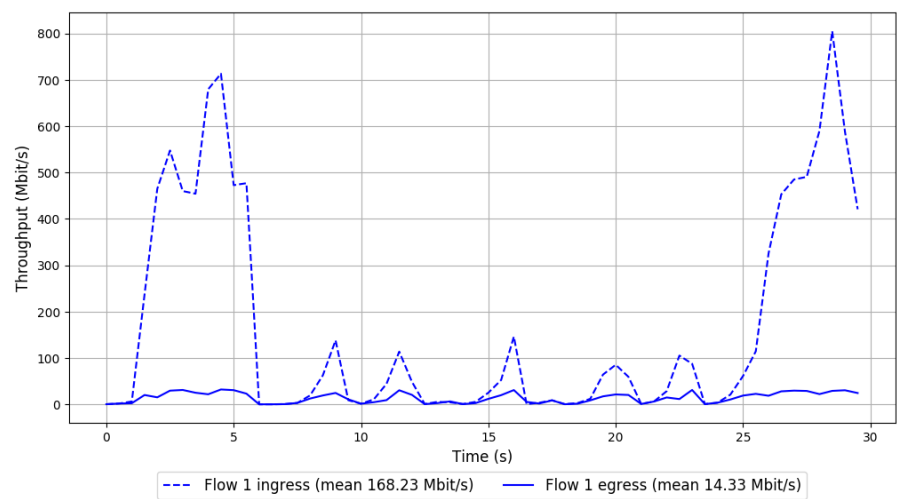


Run 1: Statistics of Verus

Start at: 2017-10-10 20:37:29
End at: 2017-10-10 20:37:59
Local clock offset: -7.887 ms
Remote clock offset: 11.676 ms

Below is generated by plot.py at 2017-10-10 23:37:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 14.33 Mbit/s
95th percentile per-packet one-way delay: 146.933 ms
Loss rate: 91.47%
-- Flow 1:
Average throughput: 14.33 Mbit/s
95th percentile per-packet one-way delay: 146.933 ms
Loss rate: 91.47%

Run 1: Report of Verus — Data Link

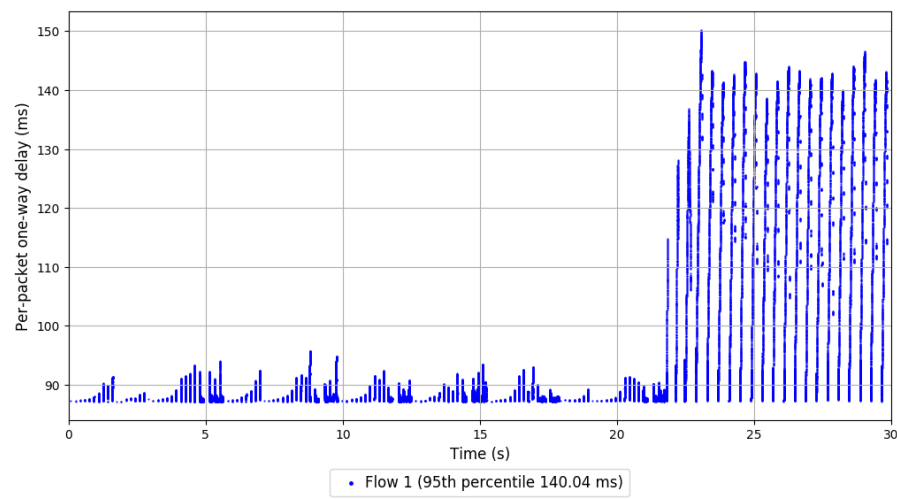
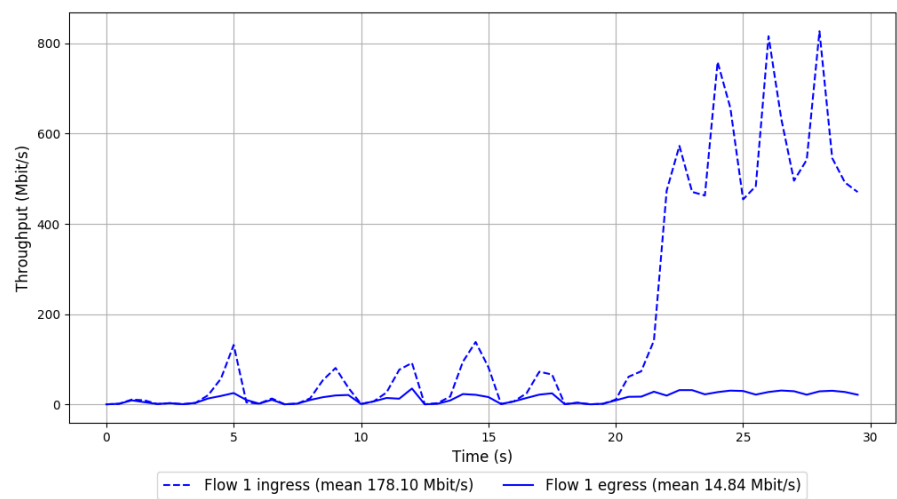


Run 2: Statistics of Verus

Start at: 2017-10-10 20:55:11
End at: 2017-10-10 20:55:41
Local clock offset: -6.613 ms
Remote clock offset: -0.898 ms

Below is generated by plot.py at 2017-10-10 23:37:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 14.84 Mbit/s
95th percentile per-packet one-way delay: 140.038 ms
Loss rate: 91.66%
-- Flow 1:
Average throughput: 14.84 Mbit/s
95th percentile per-packet one-way delay: 140.038 ms
Loss rate: 91.66%

Run 2: Report of Verus — Data Link

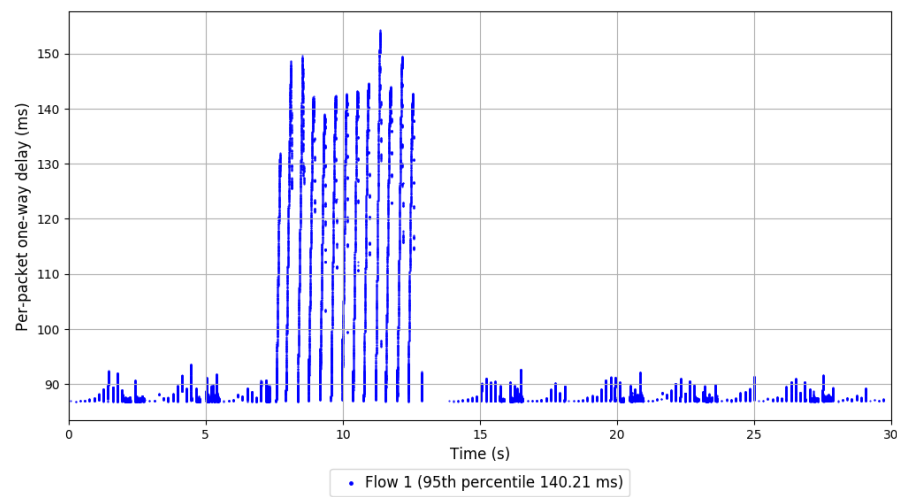
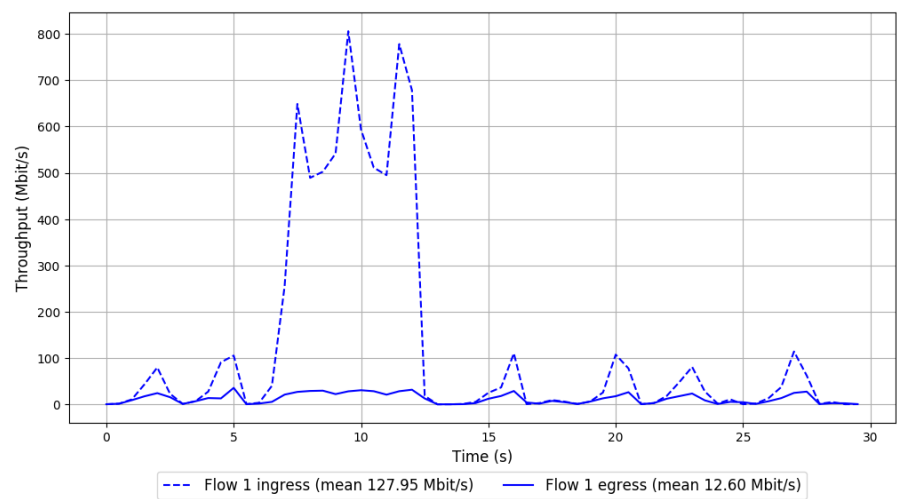


Run 3: Statistics of Verus

Start at: 2017-10-10 21:12:38
End at: 2017-10-10 21:13:08
Local clock offset: -5.526 ms
Remote clock offset: -2.53 ms

Below is generated by plot.py at 2017-10-10 23:37:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.60 Mbit/s
95th percentile per-packet one-way delay: 140.213 ms
Loss rate: 90.15%
-- Flow 1:
Average throughput: 12.60 Mbit/s
95th percentile per-packet one-way delay: 140.213 ms
Loss rate: 90.15%

Run 3: Report of Verus — Data Link

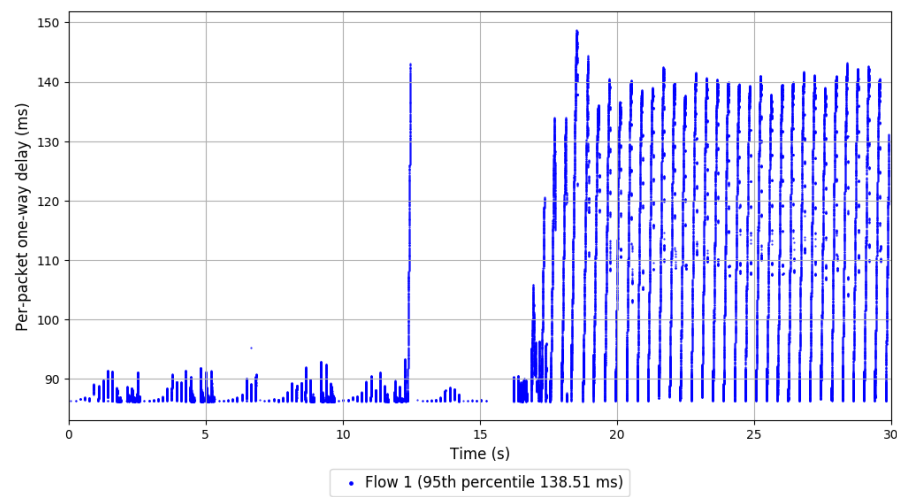
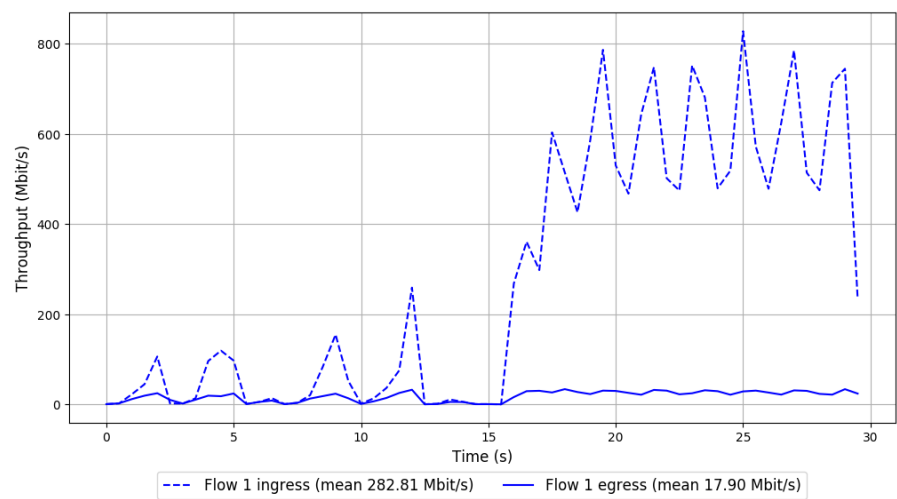


Run 4: Statistics of Verus

Start at: 2017-10-10 21:30:12
End at: 2017-10-10 21:30:42
Local clock offset: -3.521 ms
Remote clock offset: -2.756 ms

Below is generated by plot.py at 2017-10-10 23:37:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 17.90 Mbit/s
95th percentile per-packet one-way delay: 138.514 ms
Loss rate: 93.66%
-- Flow 1:
Average throughput: 17.90 Mbit/s
95th percentile per-packet one-way delay: 138.514 ms
Loss rate: 93.66%

Run 4: Report of Verus — Data Link

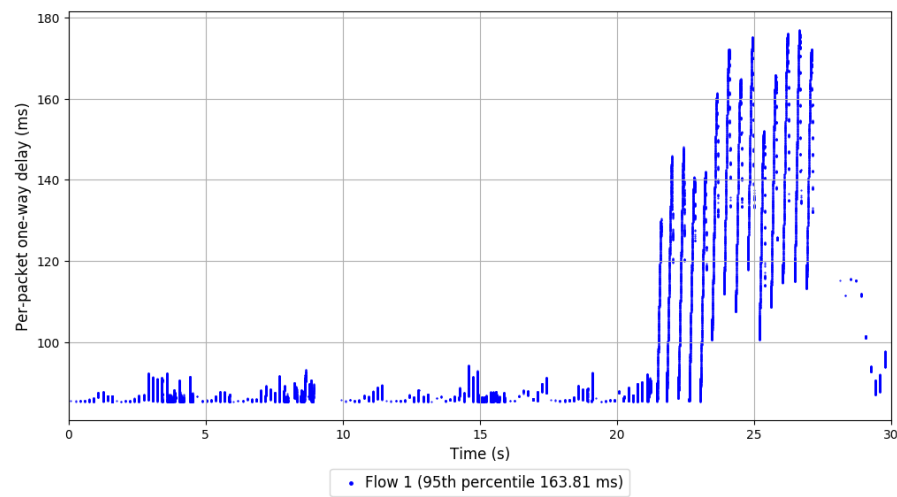
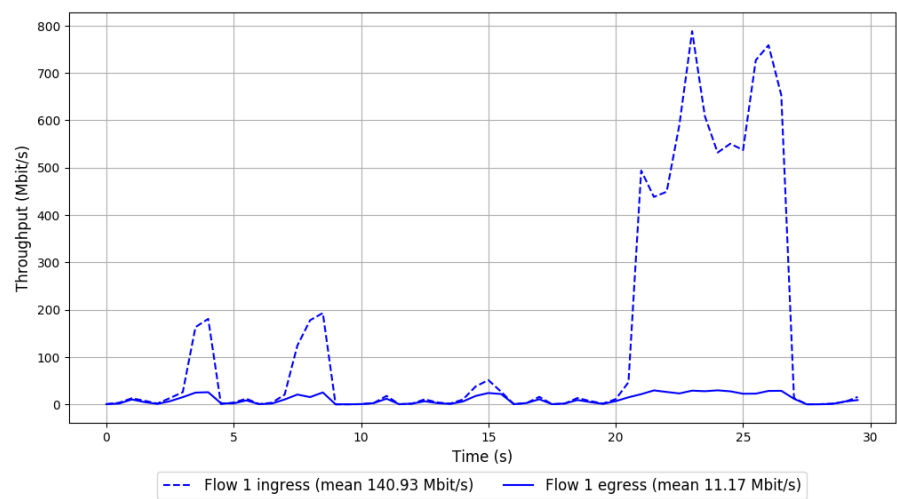


Run 5: Statistics of Verus

Start at: 2017-10-10 21:48:04
End at: 2017-10-10 21:48:34
Local clock offset: -2.578 ms
Remote clock offset: -3.465 ms

Below is generated by plot.py at 2017-10-10 23:37:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.17 Mbit/s
95th percentile per-packet one-way delay: 163.809 ms
Loss rate: 92.07%
-- Flow 1:
Average throughput: 11.17 Mbit/s
95th percentile per-packet one-way delay: 163.809 ms
Loss rate: 92.07%

Run 5: Report of Verus — Data Link

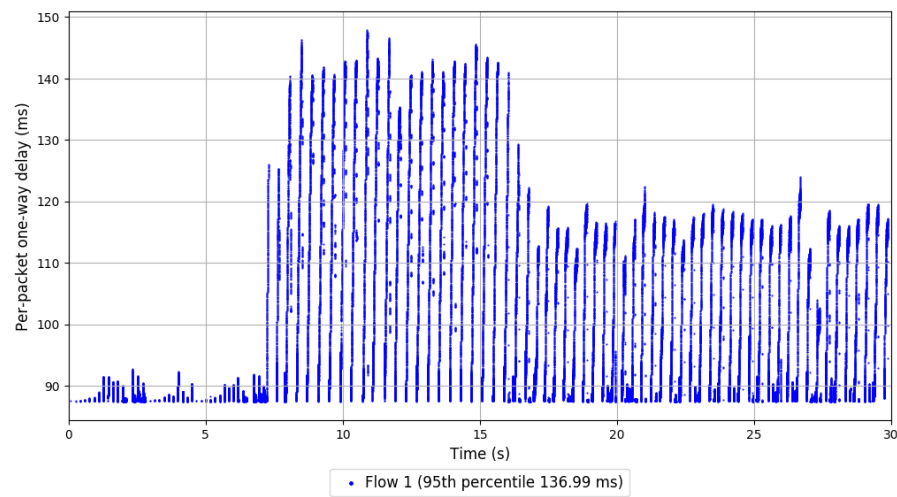
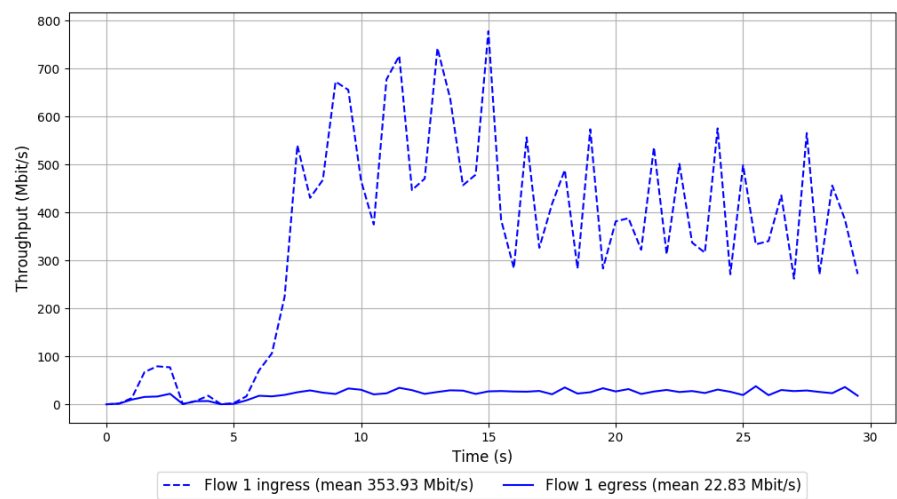


Run 6: Statistics of Verus

Start at: 2017-10-10 22:05:45
End at: 2017-10-10 22:06:15
Local clock offset: -2.514 ms
Remote clock offset: -3.394 ms

Below is generated by plot.py at 2017-10-10 23:38:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 22.83 Mbit/s
95th percentile per-packet one-way delay: 136.987 ms
Loss rate: 93.55%
-- Flow 1:
Average throughput: 22.83 Mbit/s
95th percentile per-packet one-way delay: 136.987 ms
Loss rate: 93.55%

Run 6: Report of Verus — Data Link

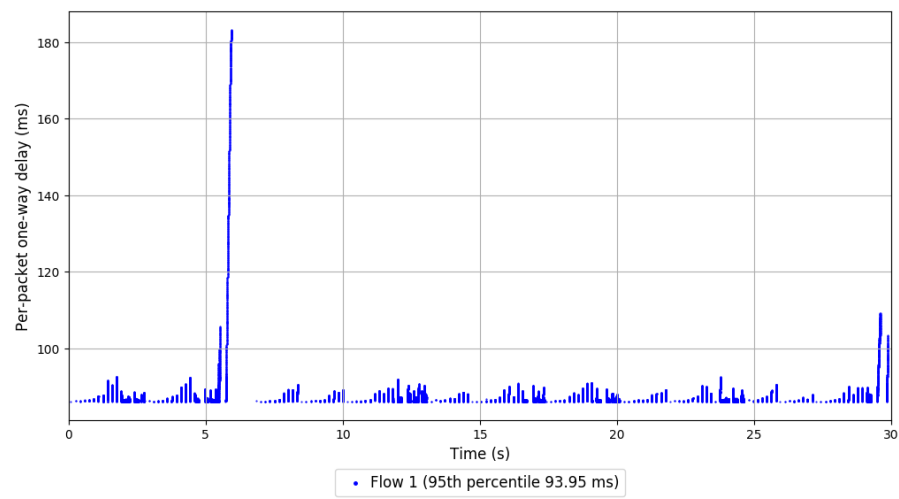
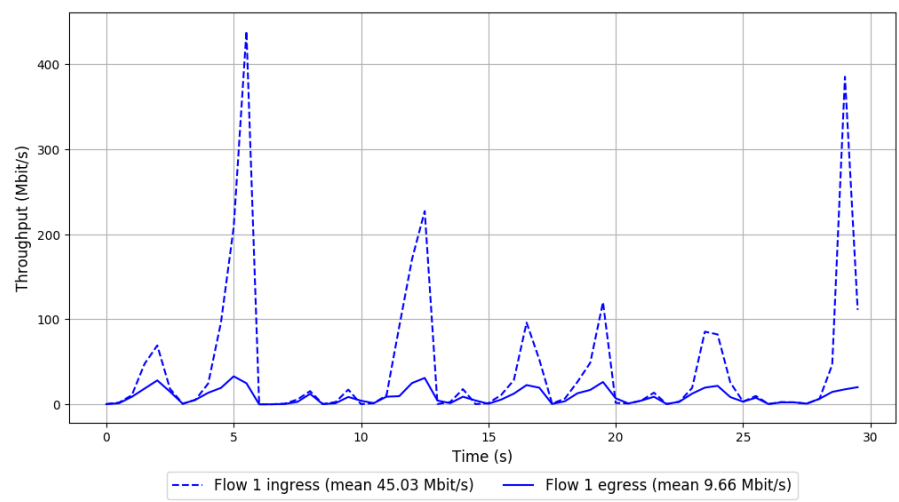


Run 7: Statistics of Verus

Start at: 2017-10-10 22:23:40
End at: 2017-10-10 22:24:10
Local clock offset: -2.842 ms
Remote clock offset: -3.524 ms

Below is generated by plot.py at 2017-10-10 23:38:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.66 Mbit/s
95th percentile per-packet one-way delay: 93.955 ms
Loss rate: 78.53%
-- Flow 1:
Average throughput: 9.66 Mbit/s
95th percentile per-packet one-way delay: 93.955 ms
Loss rate: 78.53%

Run 7: Report of Verus — Data Link

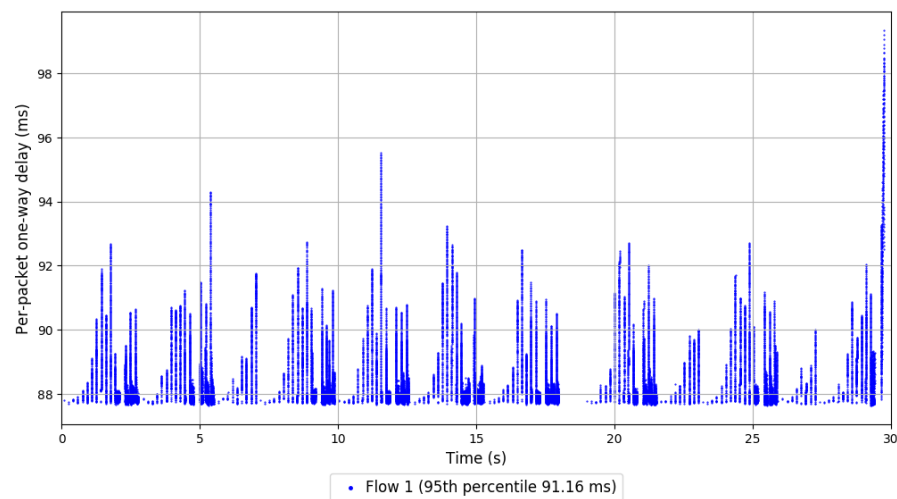
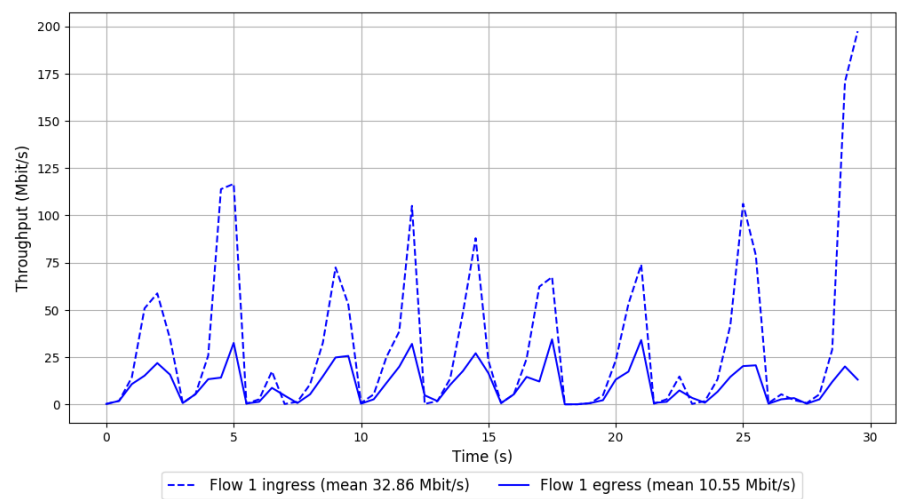


Run 8: Statistics of Verus

Start at: 2017-10-10 22:41:44
End at: 2017-10-10 22:42:14
Local clock offset: -2.95 ms
Remote clock offset: -3.844 ms

Below is generated by plot.py at 2017-10-10 23:38:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 10.55 Mbit/s
95th percentile per-packet one-way delay: 91.161 ms
Loss rate: 67.90%
-- Flow 1:
Average throughput: 10.55 Mbit/s
95th percentile per-packet one-way delay: 91.161 ms
Loss rate: 67.90%

Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

Start at: 2017-10-10 22:59:06

End at: 2017-10-10 22:59:36

Local clock offset: -2.78 ms

Remote clock offset: -3.83 ms

Below is generated by plot.py at 2017-10-10 23:38:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 9.86 Mbit/s

95th percentile per-packet one-way delay: 89.424 ms

Loss rate: 70.21%

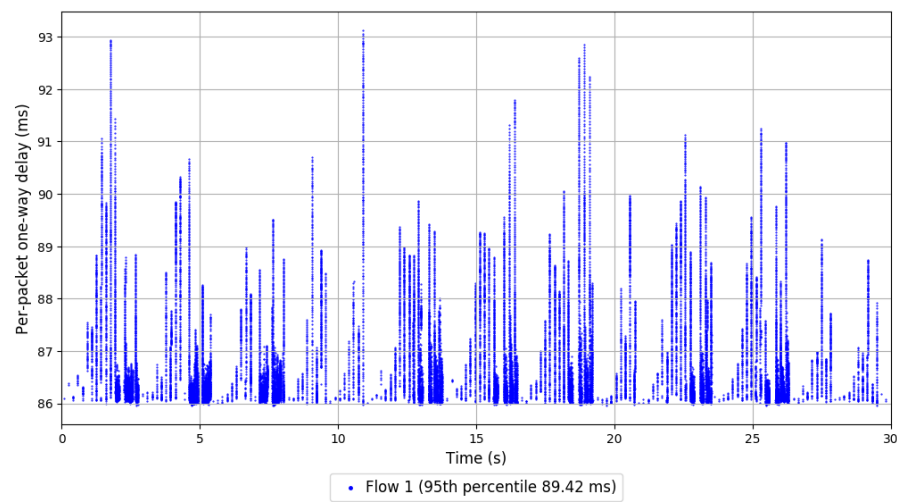
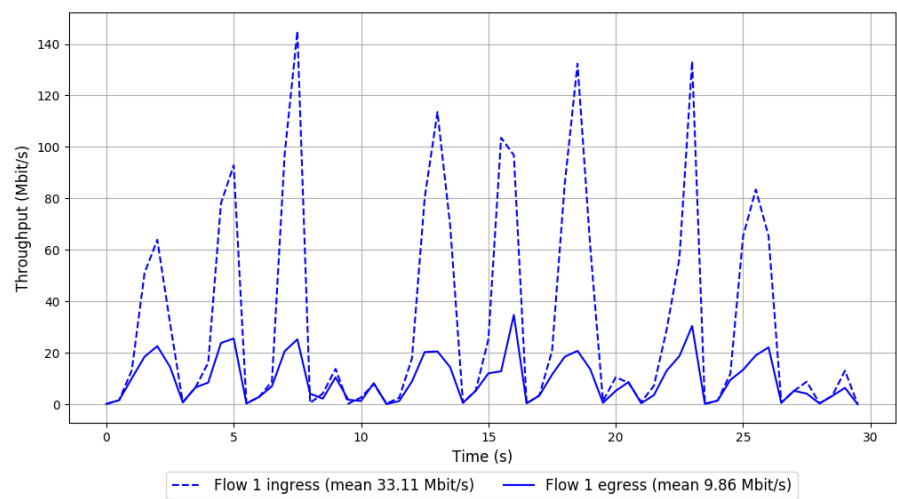
-- Flow 1:

Average throughput: 9.86 Mbit/s

95th percentile per-packet one-way delay: 89.424 ms

Loss rate: 70.21%

Run 9: Report of Verus — Data Link

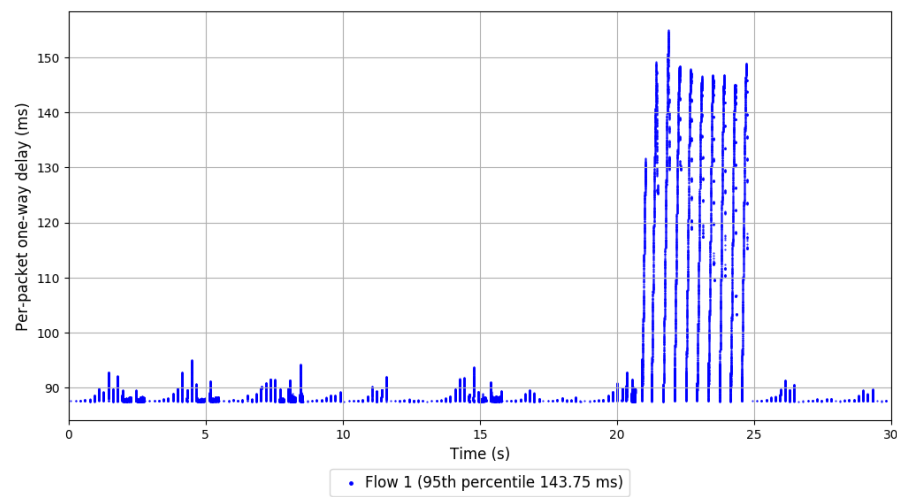
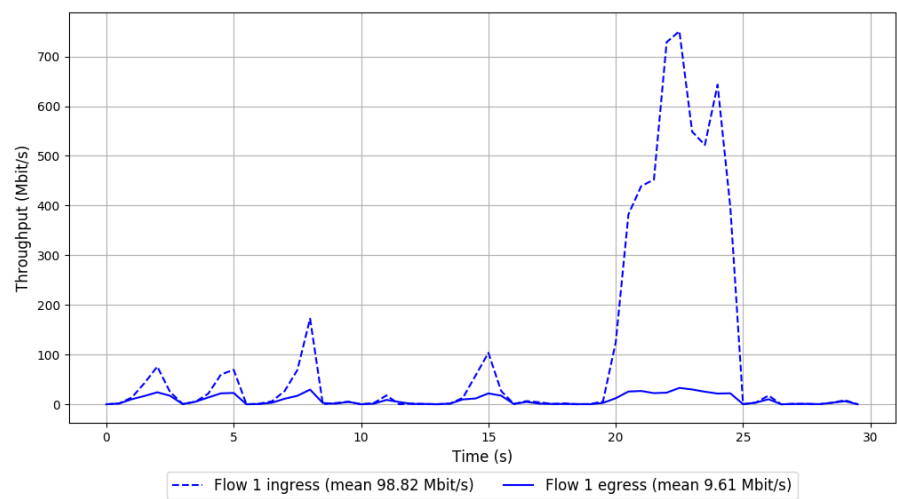


Run 10: Statistics of Verus

Start at: 2017-10-10 23:16:21
End at: 2017-10-10 23:16:51
Local clock offset: -2.342 ms
Remote clock offset: -3.944 ms

Below is generated by plot.py at 2017-10-10 23:38:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.61 Mbit/s
95th percentile per-packet one-way delay: 143.748 ms
Loss rate: 90.28%
-- Flow 1:
Average throughput: 9.61 Mbit/s
95th percentile per-packet one-way delay: 143.748 ms
Loss rate: 90.28%

Run 10: Report of Verus — Data Link



Run 1: Statistics of Copa

Start at: 2017-10-10 20:42:34

End at: 2017-10-10 20:43:04

Local clock offset: -7.924 ms

Remote clock offset: 5.217 ms

Below is generated by plot.py at 2017-10-10 23:39:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 35.36 Mbit/s

95th percentile per-packet one-way delay: 92.840 ms

Loss rate: 68.92%

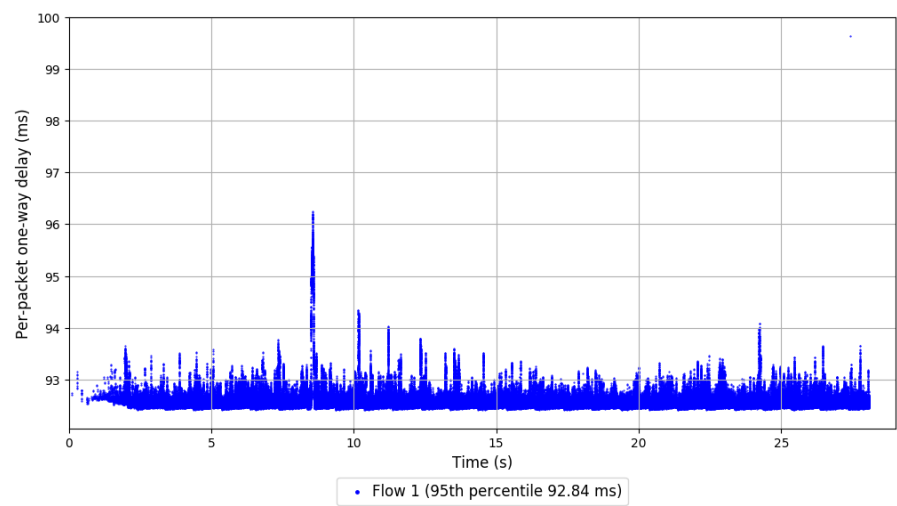
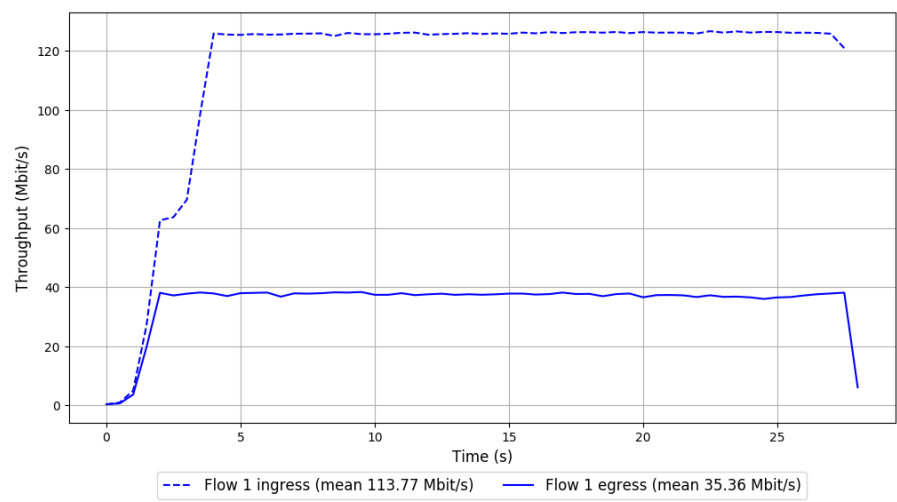
-- Flow 1:

Average throughput: 35.36 Mbit/s

95th percentile per-packet one-way delay: 92.840 ms

Loss rate: 68.92%

Run 1: Report of Copa — Data Link

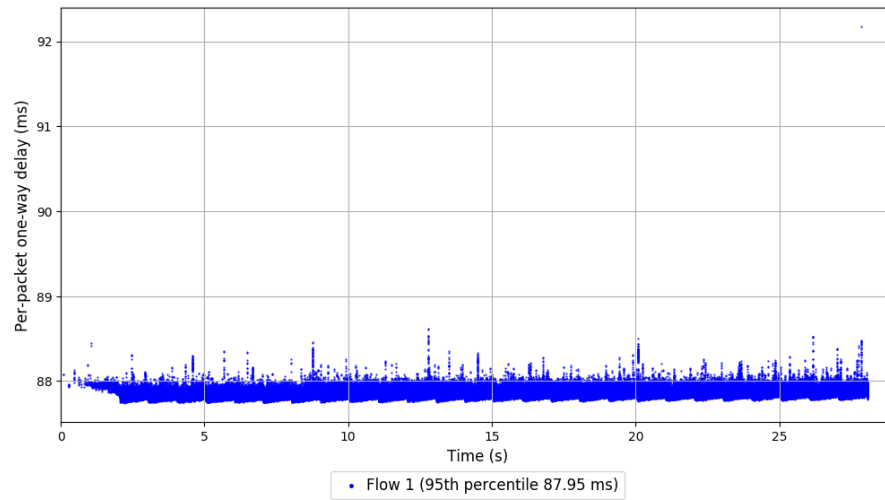
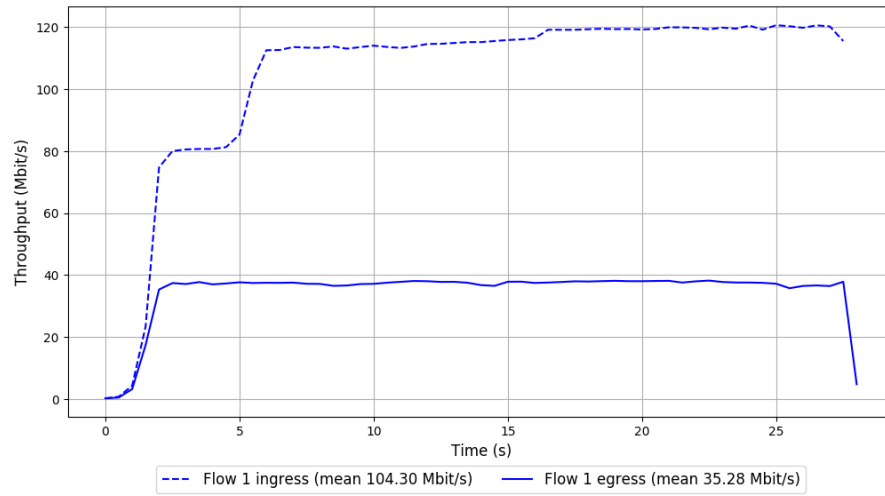


Run 2: Statistics of Copa

Start at: 2017-10-10 21:00:24
End at: 2017-10-10 21:00:54
Local clock offset: -6.089 ms
Remote clock offset: -2.211 ms

Below is generated by plot.py at 2017-10-10 23:39:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 35.28 Mbit/s
95th percentile per-packet one-way delay: 87.955 ms
Loss rate: 66.18%
-- Flow 1:
Average throughput: 35.28 Mbit/s
95th percentile per-packet one-way delay: 87.955 ms
Loss rate: 66.18%

Run 2: Report of Copa — Data Link

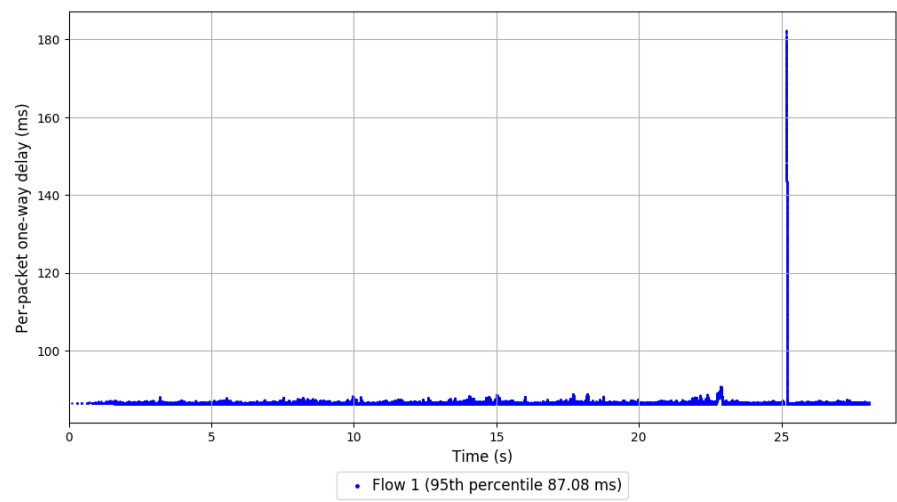
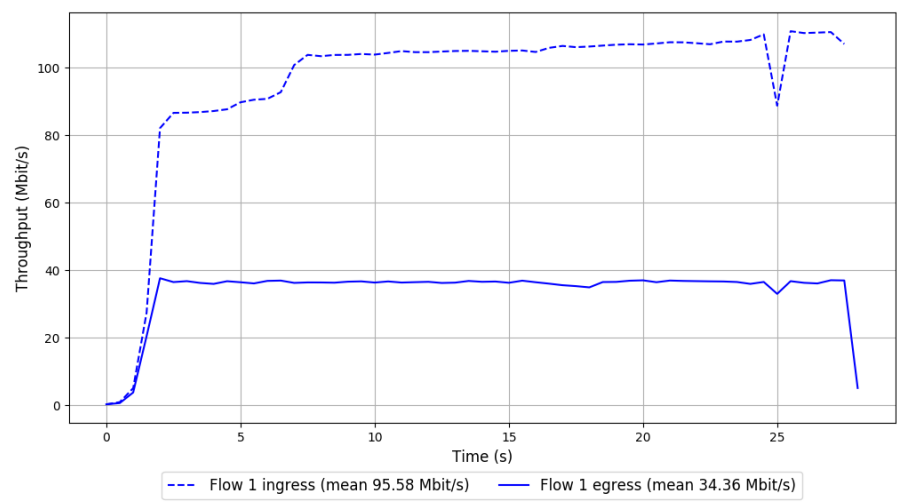


Run 3: Statistics of Copa

Start at: 2017-10-10 21:17:41
End at: 2017-10-10 21:18:11
Local clock offset: -4.682 ms
Remote clock offset: -2.428 ms

Below is generated by plot.py at 2017-10-10 23:39:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 34.36 Mbit/s
95th percentile per-packet one-way delay: 87.076 ms
Loss rate: 64.05%
-- Flow 1:
Average throughput: 34.36 Mbit/s
95th percentile per-packet one-way delay: 87.076 ms
Loss rate: 64.05%

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: 2017-10-10 21:35:16

End at: 2017-10-10 21:35:46

Local clock offset: -3.278 ms

Remote clock offset: 0.463 ms

Below is generated by plot.py at 2017-10-10 23:39:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 33.88 Mbit/s

95th percentile per-packet one-way delay: 91.547 ms

Loss rate: 73.28%

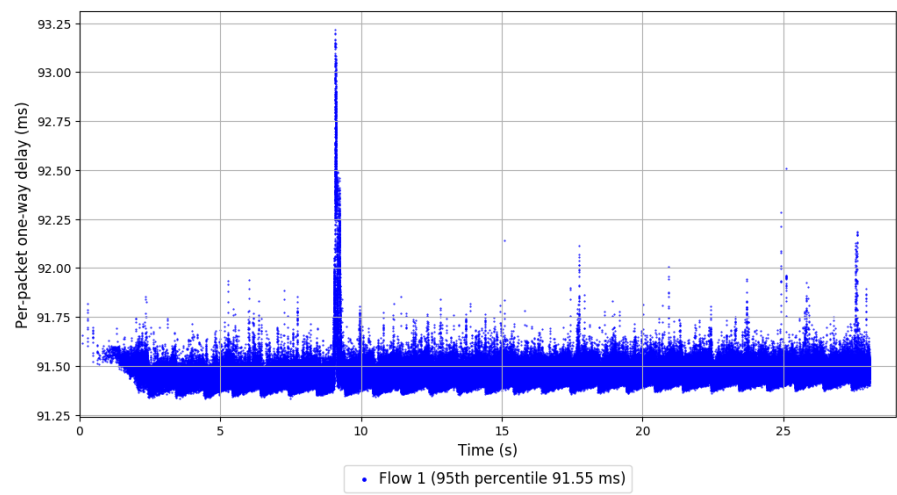
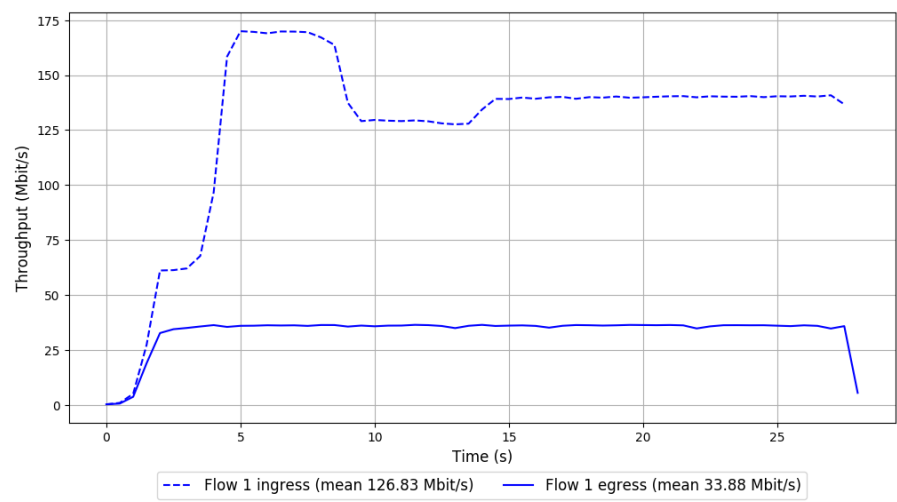
-- Flow 1:

Average throughput: 33.88 Mbit/s

95th percentile per-packet one-way delay: 91.547 ms

Loss rate: 73.28%

Run 4: Report of Copa — Data Link

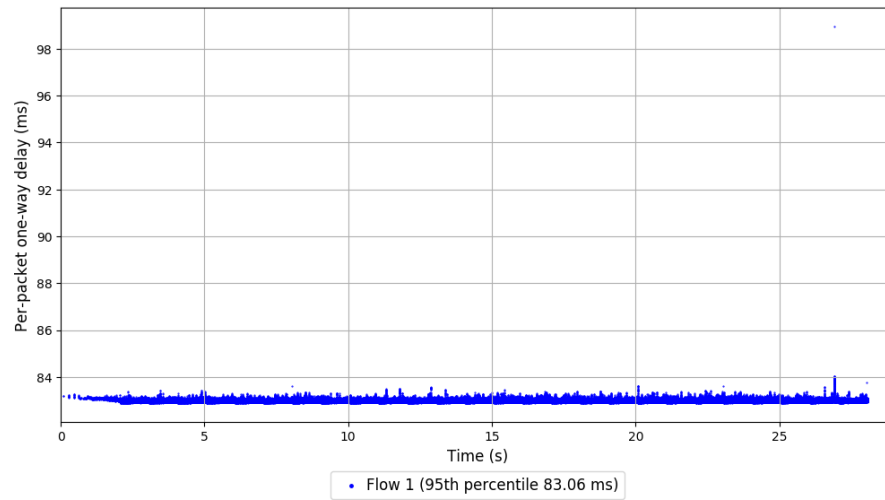
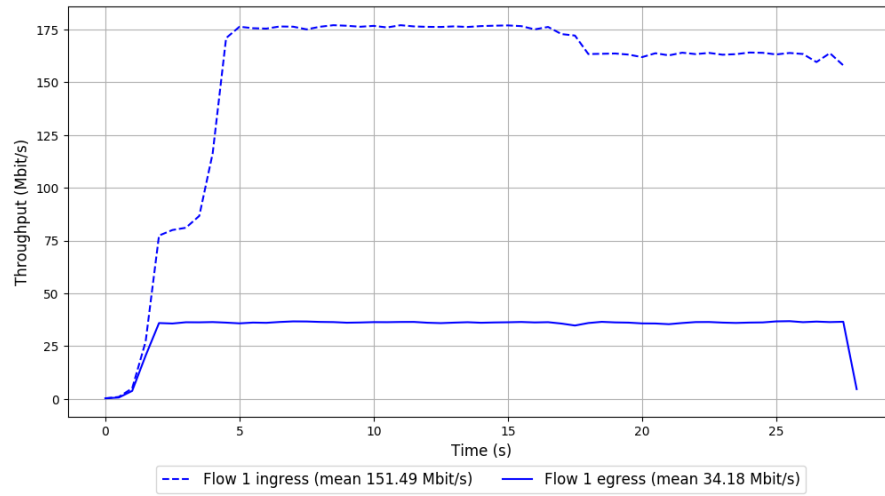


Run 5: Statistics of Copa

Start at: 2017-10-10 21:53:14
End at: 2017-10-10 21:53:44
Local clock offset: -2.479 ms
Remote clock offset: -8.187 ms

Below is generated by plot.py at 2017-10-10 23:39:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 34.18 Mbit/s
95th percentile per-packet one-way delay: 83.061 ms
Loss rate: 77.44%
-- Flow 1:
Average throughput: 34.18 Mbit/s
95th percentile per-packet one-way delay: 83.061 ms
Loss rate: 77.44%

Run 5: Report of Copa — Data Link

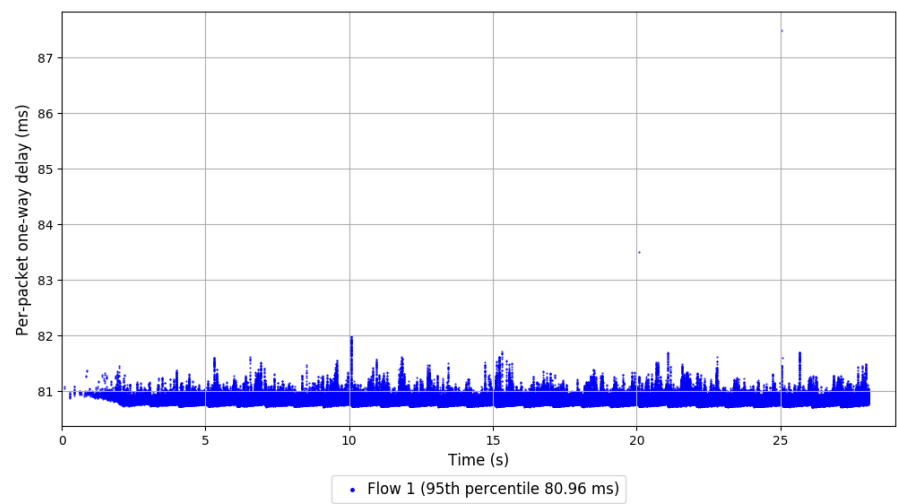
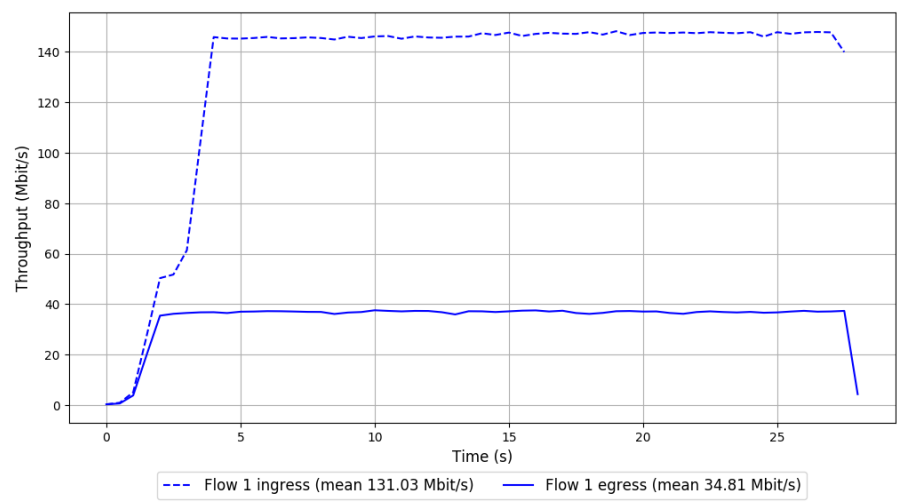


Run 6: Statistics of Copa

Start at: 2017-10-10 22:11:01
End at: 2017-10-10 22:11:31
Local clock offset: -2.972 ms
Remote clock offset: -8.593 ms

Below is generated by plot.py at 2017-10-10 23:39:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 34.81 Mbit/s
95th percentile per-packet one-way delay: 80.961 ms
Loss rate: 73.44%
-- Flow 1:
Average throughput: 34.81 Mbit/s
95th percentile per-packet one-way delay: 80.961 ms
Loss rate: 73.44%

Run 6: Report of Copa — Data Link

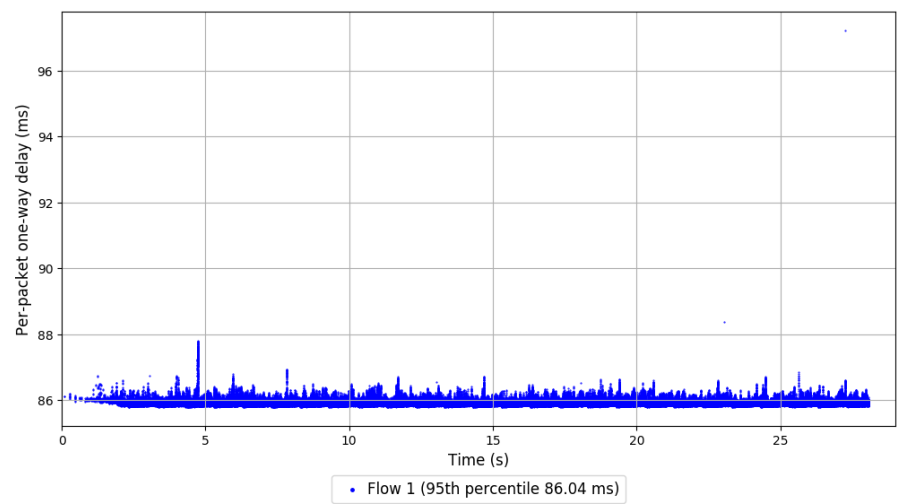
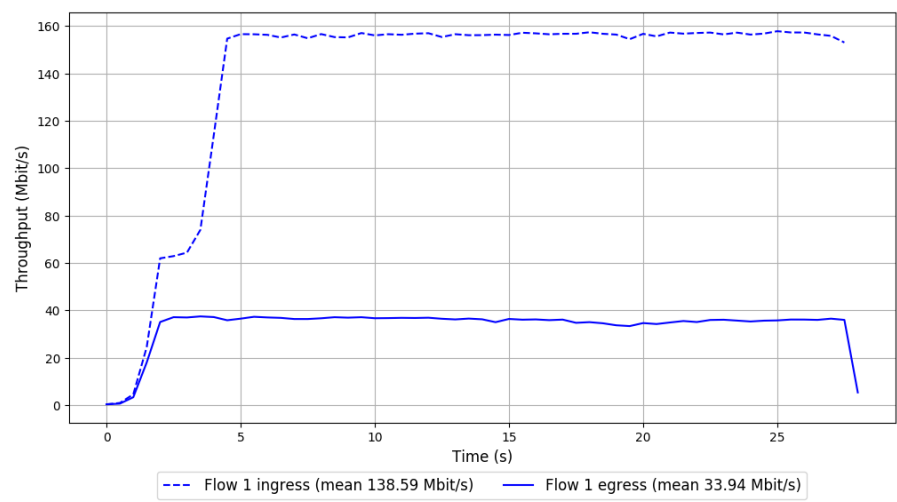


Run 7: Statistics of Copa

Start at: 2017-10-10 22:28:39
End at: 2017-10-10 22:29:09
Local clock offset: -2.819 ms
Remote clock offset: -3.782 ms

Below is generated by plot.py at 2017-10-10 23:40:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 33.94 Mbit/s
95th percentile per-packet one-way delay: 86.037 ms
Loss rate: 75.51%
-- Flow 1:
Average throughput: 33.94 Mbit/s
95th percentile per-packet one-way delay: 86.037 ms
Loss rate: 75.51%

Run 7: Report of Copa — Data Link

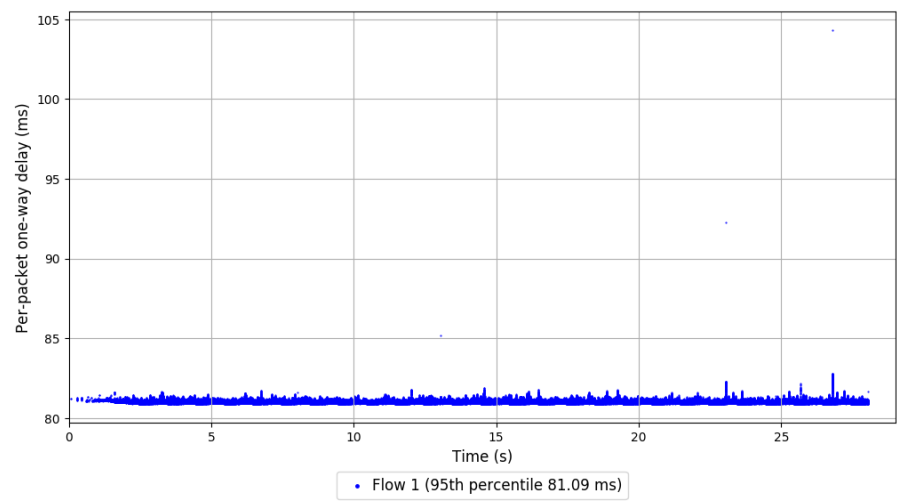
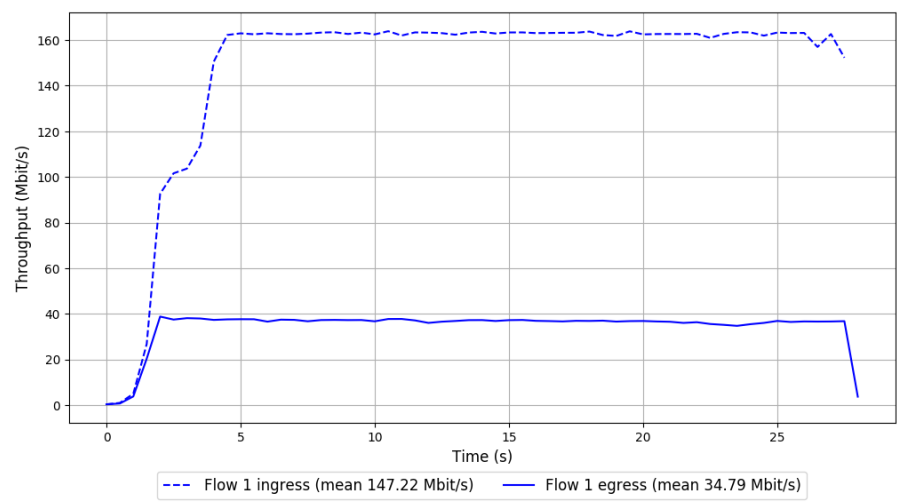


Run 8: Statistics of Copa

Start at: 2017-10-10 22:46:35
End at: 2017-10-10 22:47:05
Local clock offset: -3.192 ms
Remote clock offset: -8.807 ms

Below is generated by plot.py at 2017-10-10 23:40:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 34.79 Mbit/s
95th percentile per-packet one-way delay: 81.093 ms
Loss rate: 76.37%
-- Flow 1:
Average throughput: 34.79 Mbit/s
95th percentile per-packet one-way delay: 81.093 ms
Loss rate: 76.37%

Run 8: Report of Copa — Data Link

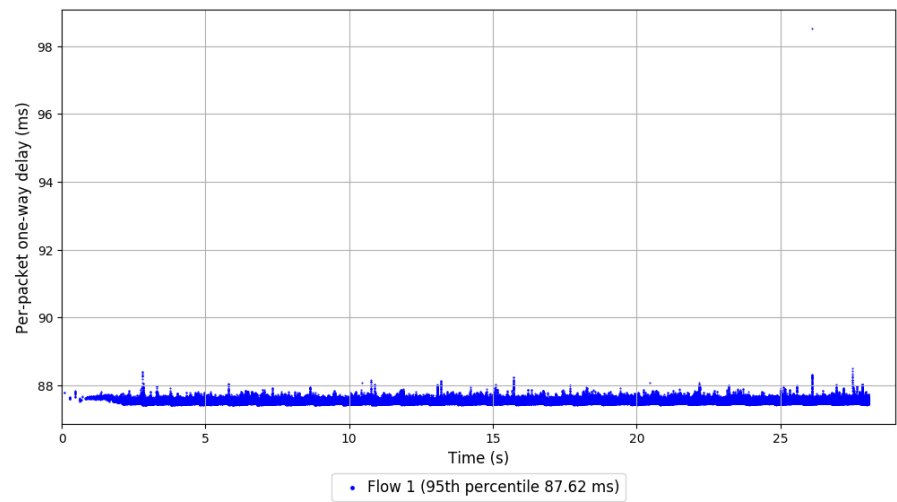
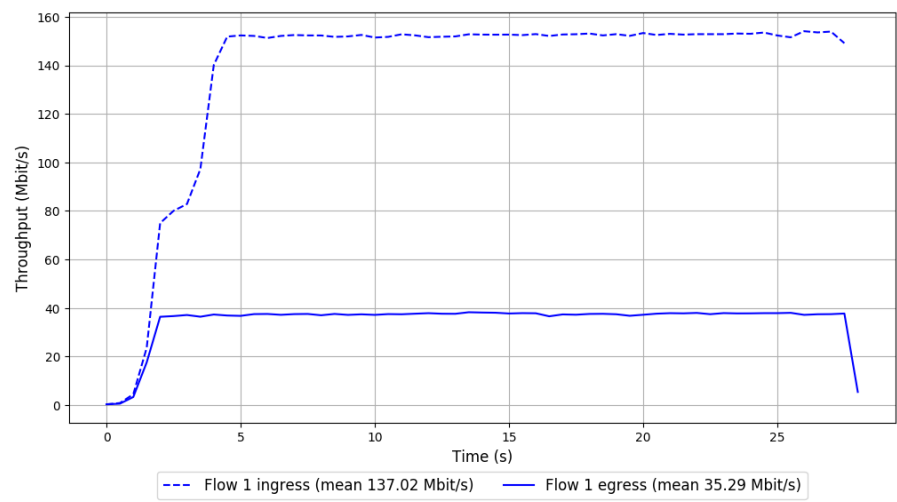


Run 9: Statistics of Copa

Start at: 2017-10-10 23:04:03
End at: 2017-10-10 23:04:33
Local clock offset: -2.555 ms
Remote clock offset: -3.969 ms

Below is generated by plot.py at 2017-10-10 23:41:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 35.29 Mbit/s
95th percentile per-packet one-way delay: 87.620 ms
Loss rate: 74.24%
-- Flow 1:
Average throughput: 35.29 Mbit/s
95th percentile per-packet one-way delay: 87.620 ms
Loss rate: 74.24%

Run 9: Report of Copa — Data Link

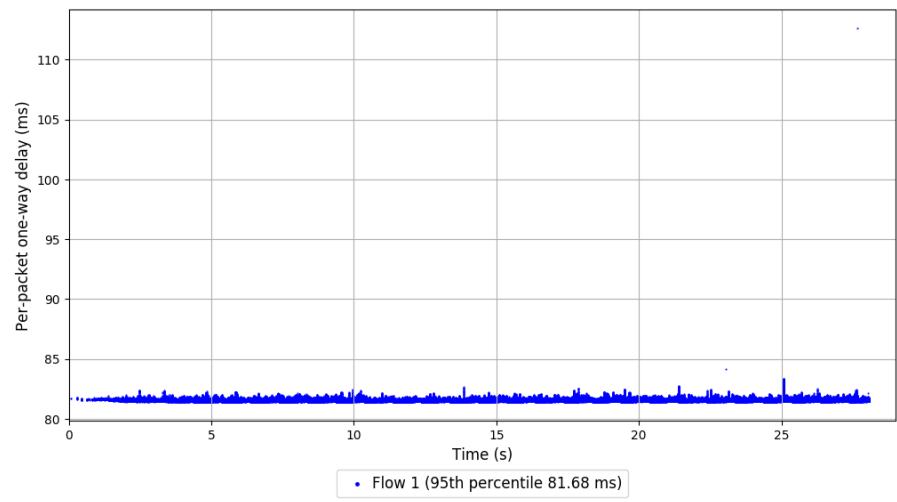
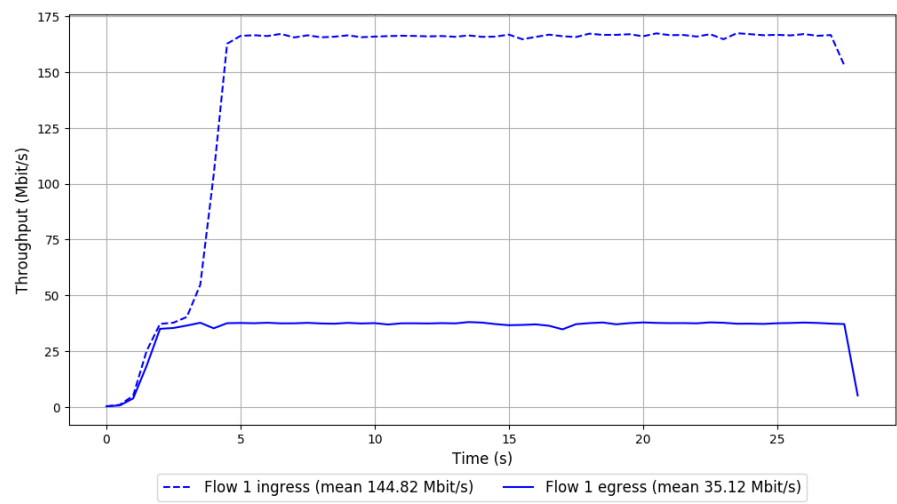


Run 10: Statistics of Copa

Start at: 2017-10-10 23:21:18
End at: 2017-10-10 23:21:48
Local clock offset: -2.27 ms
Remote clock offset: -8.744 ms

Below is generated by plot.py at 2017-10-10 23:41:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 35.12 Mbit/s
95th percentile per-packet one-way delay: 81.678 ms
Loss rate: 75.75%
-- Flow 1:
Average throughput: 35.12 Mbit/s
95th percentile per-packet one-way delay: 81.678 ms
Loss rate: 75.75%

Run 10: Report of Copa — Data Link



Run 1: Statistics of CalibratedKoho

Start at: 2017-10-10 20:31:15

End at: 2017-10-10 20:31:45

Local clock offset: -7.768 ms

Remote clock offset: 4.766 ms

Below is generated by plot.py at 2017-10-10 23:41:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.96 Mbit/s

95th percentile per-packet one-way delay: 95.071 ms

Loss rate: 67.94%

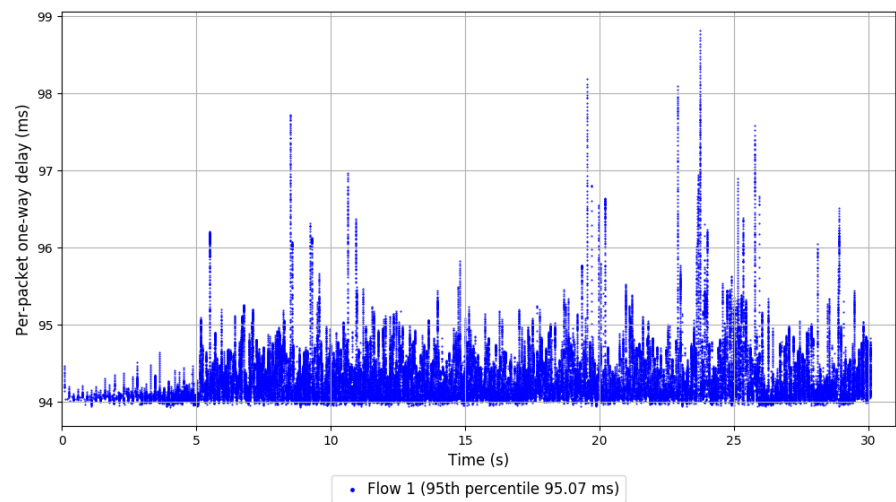
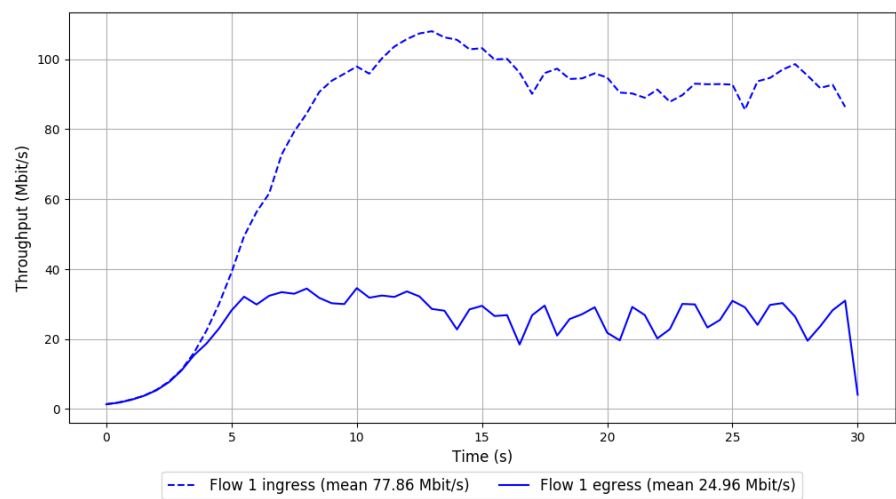
-- Flow 1:

Average throughput: 24.96 Mbit/s

95th percentile per-packet one-way delay: 95.071 ms

Loss rate: 67.94%

Run 1: Report of CalibratedKoho — Data Link



Run 2: Statistics of CalibratedKoho

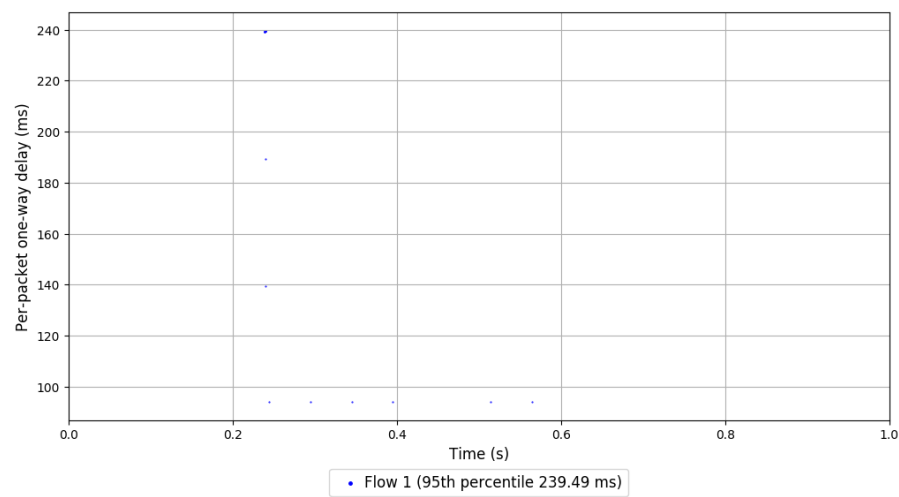
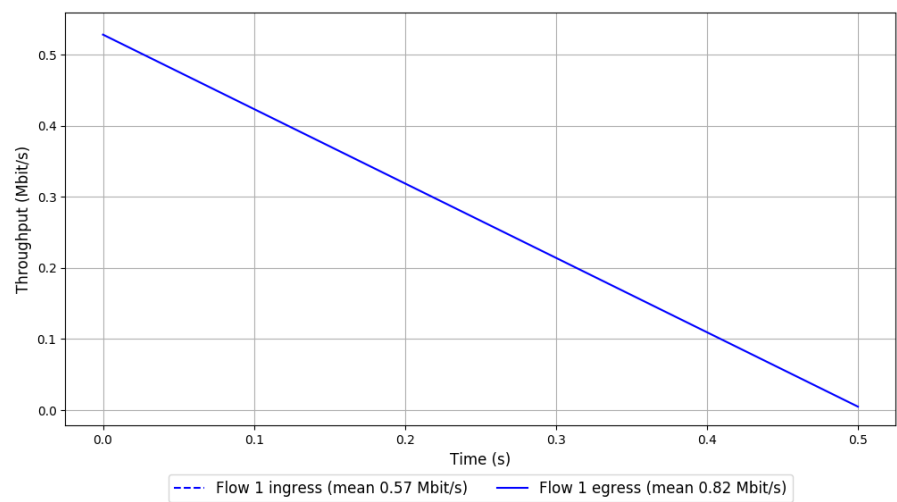
Start at: 2017-10-10 20:49:11

End at: 2017-10-10 20:49:41

Local clock offset: -7.221 ms

Remote clock offset: 4.502 ms

Run 2: Report of CalibratedKoho — Data Link



Run 3: Statistics of CalibratedKoho

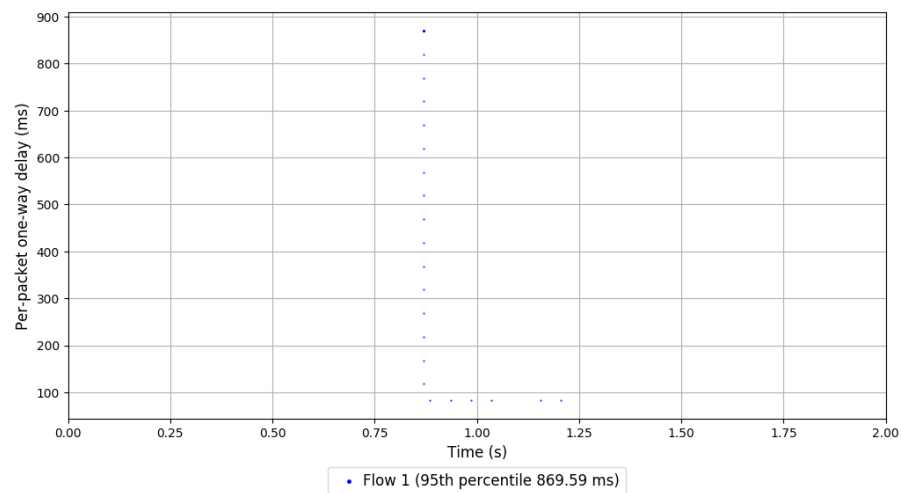
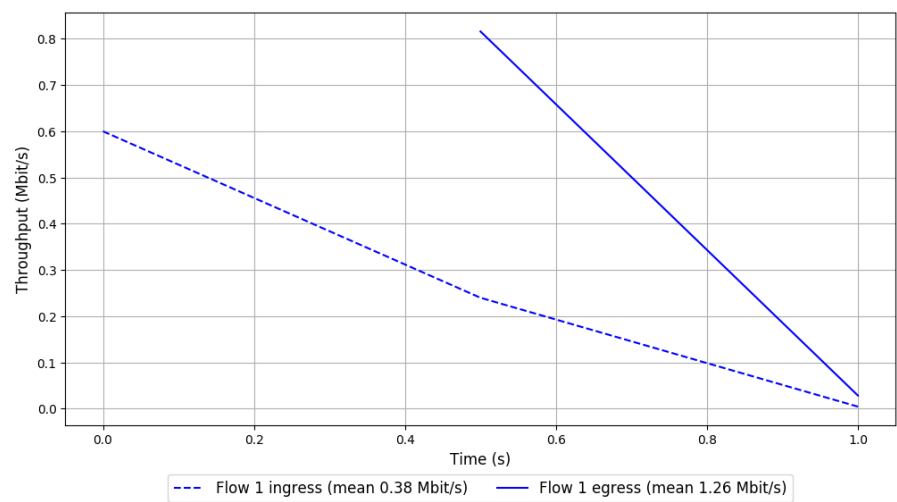
Start at: 2017-10-10 21:06:35

End at: 2017-10-10 21:07:05

Local clock offset: -5.877 ms

Remote clock offset: -7.299 ms

Run 3: Report of CalibratedKoho — Data Link

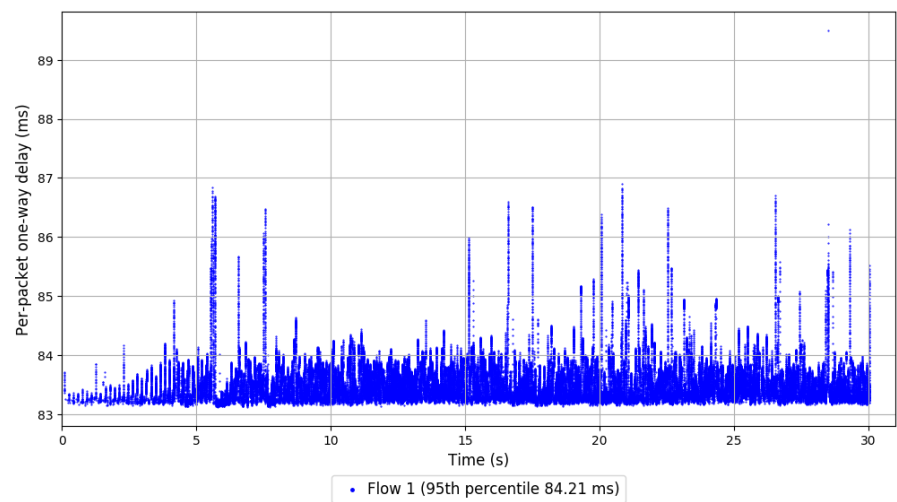
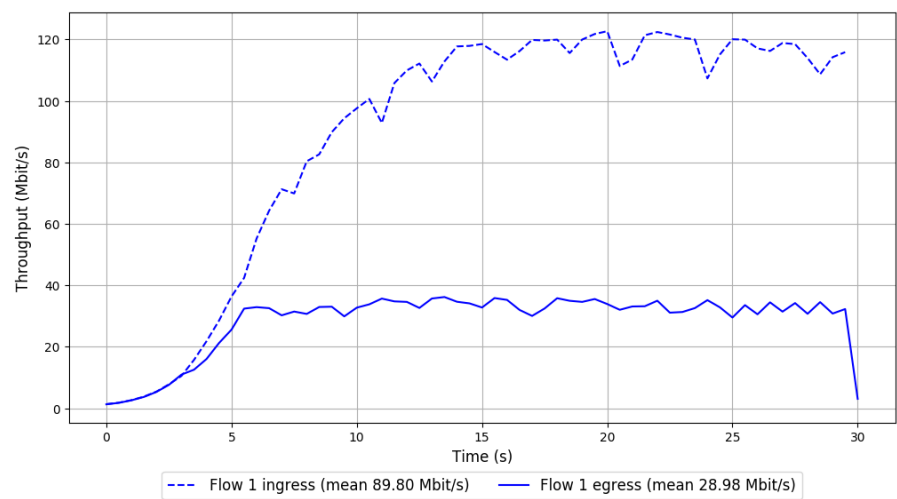


Run 4: Statistics of CalibratedKoho

Start at: 2017-10-10 21:23:52
End at: 2017-10-10 21:24:22
Local clock offset: -3.908 ms
Remote clock offset: -7.332 ms

Below is generated by plot.py at 2017-10-10 23:41:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 28.98 Mbit/s
95th percentile per-packet one-way delay: 84.213 ms
Loss rate: 67.73%
-- Flow 1:
Average throughput: 28.98 Mbit/s
95th percentile per-packet one-way delay: 84.213 ms
Loss rate: 67.73%

Run 4: Report of CalibratedKoho — Data Link

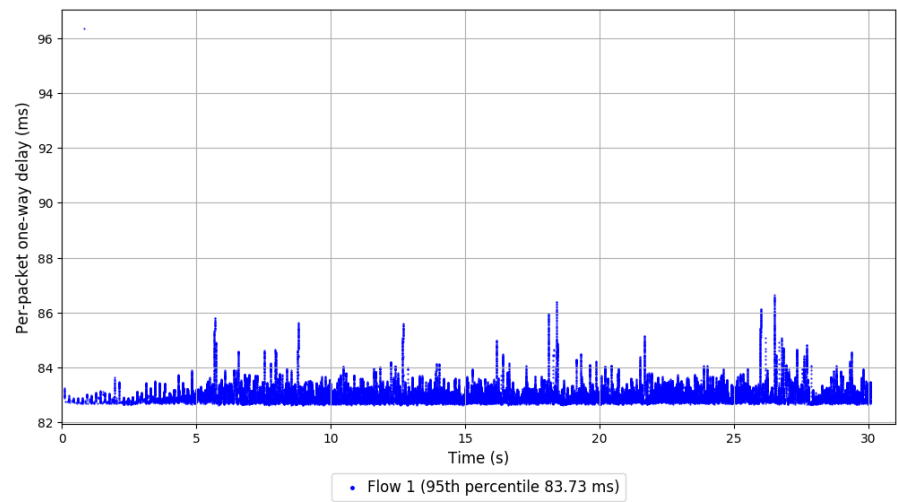
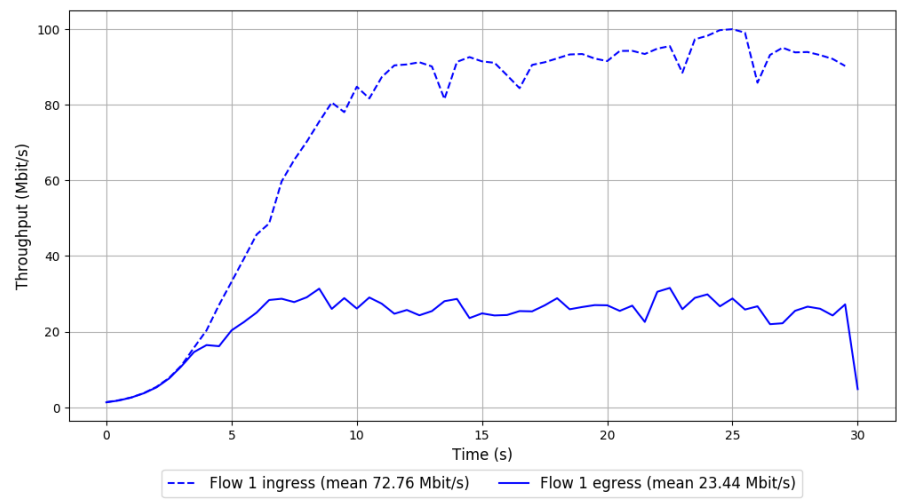


Run 5: Statistics of CalibratedKoho

Start at: 2017-10-10 21:41:50
End at: 2017-10-10 21:42:20
Local clock offset: -2.792 ms
Remote clock offset: -8.124 ms

Below is generated by plot.py at 2017-10-10 23:41:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 23.44 Mbit/s
95th percentile per-packet one-way delay: 83.726 ms
Loss rate: 67.78%
-- Flow 1:
Average throughput: 23.44 Mbit/s
95th percentile per-packet one-way delay: 83.726 ms
Loss rate: 67.78%

Run 5: Report of CalibratedKoho — Data Link

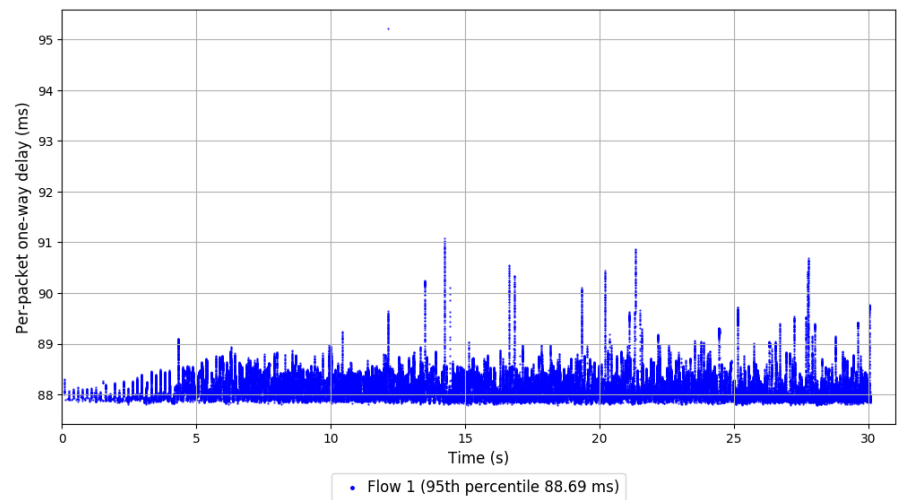
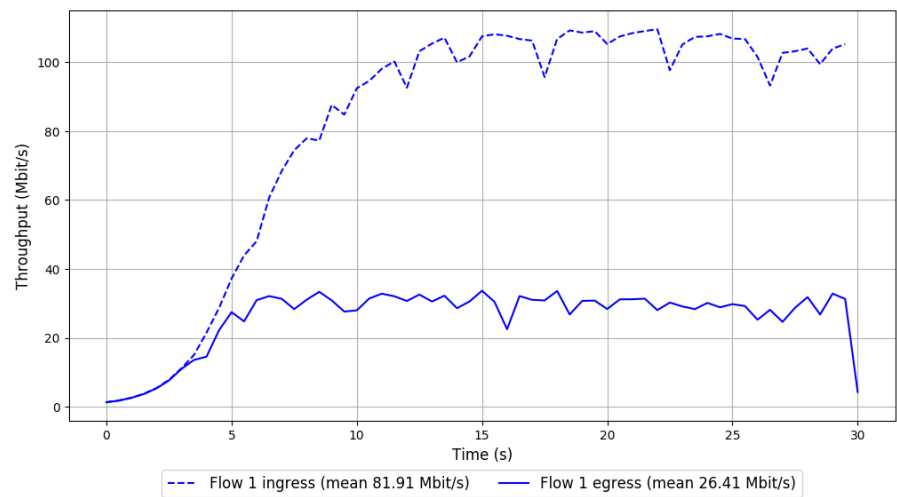


Run 6: Statistics of CalibratedKoho

Start at: 2017-10-10 21:59:29
End at: 2017-10-10 21:59:59
Local clock offset: -2.544 ms
Remote clock offset: -3.605 ms

Below is generated by plot.py at 2017-10-10 23:41:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 26.41 Mbit/s
95th percentile per-packet one-way delay: 88.686 ms
Loss rate: 67.75%
-- Flow 1:
Average throughput: 26.41 Mbit/s
95th percentile per-packet one-way delay: 88.686 ms
Loss rate: 67.75%

Run 6: Report of CalibratedKoho — Data Link

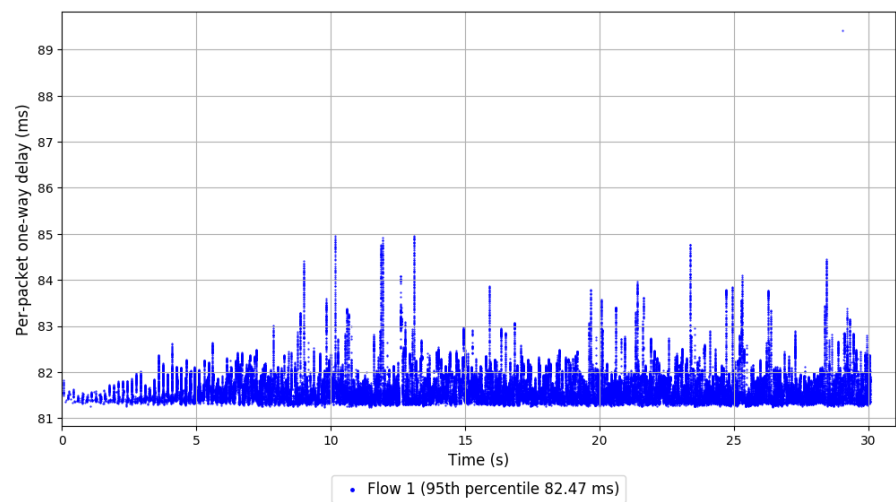
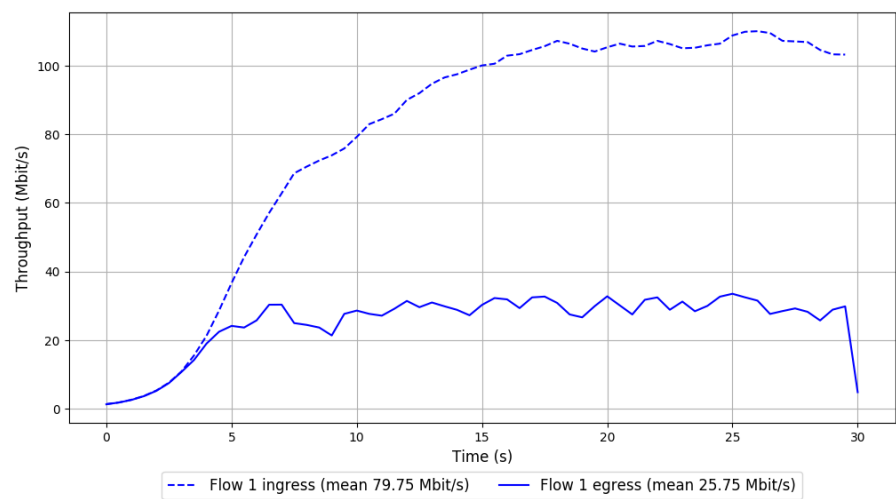


Run 7: Statistics of CalibratedKoho

Start at: 2017-10-10 22:17:13
End at: 2017-10-10 22:17:43
Local clock offset: -2.905 ms
Remote clock offset: -8.601 ms

Below is generated by plot.py at 2017-10-10 23:41:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 25.75 Mbit/s
95th percentile per-packet one-way delay: 82.475 ms
Loss rate: 67.72%
-- Flow 1:
Average throughput: 25.75 Mbit/s
95th percentile per-packet one-way delay: 82.475 ms
Loss rate: 67.72%

Run 7: Report of CalibratedKoho — Data Link

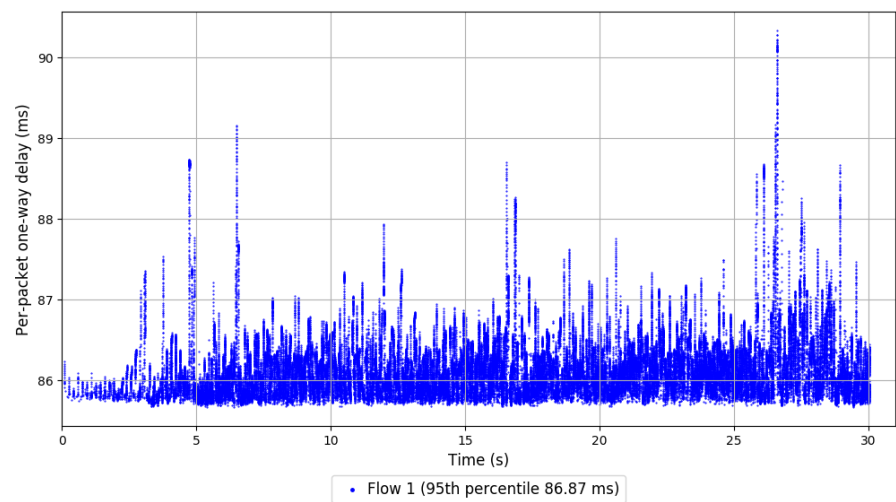
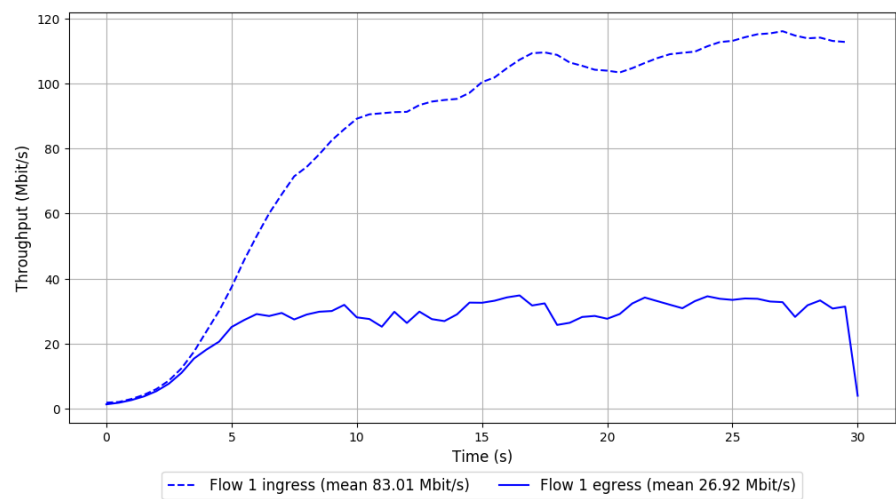


Run 8: Statistics of CalibratedKoho

Start at: 2017-10-10 22:35:32
End at: 2017-10-10 22:36:02
Local clock offset: -2.952 ms
Remote clock offset: -3.759 ms

Below is generated by plot.py at 2017-10-10 23:41:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 26.92 Mbit/s
95th percentile per-packet one-way delay: 86.867 ms
Loss rate: 67.57%
-- Flow 1:
Average throughput: 26.92 Mbit/s
95th percentile per-packet one-way delay: 86.867 ms
Loss rate: 67.57%

Run 8: Report of CalibratedKoho — Data Link



Run 9: Statistics of CalibratedKoho

Start at: 2017-10-10 22:52:49

End at: 2017-10-10 22:53:19

Local clock offset: -3.105 ms

Remote clock offset: -8.92 ms

Below is generated by plot.py at 2017-10-10 23:41:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 28.74 Mbit/s

95th percentile per-packet one-way delay: 83.789 ms

Loss rate: 67.49%

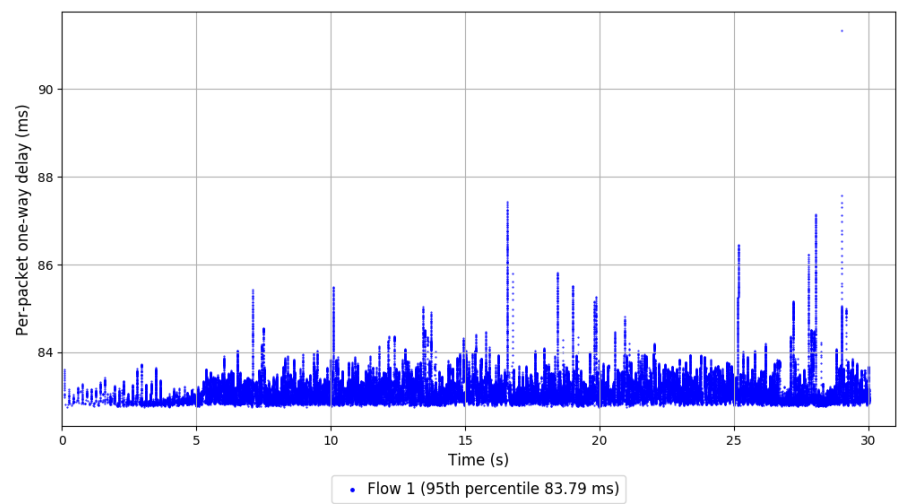
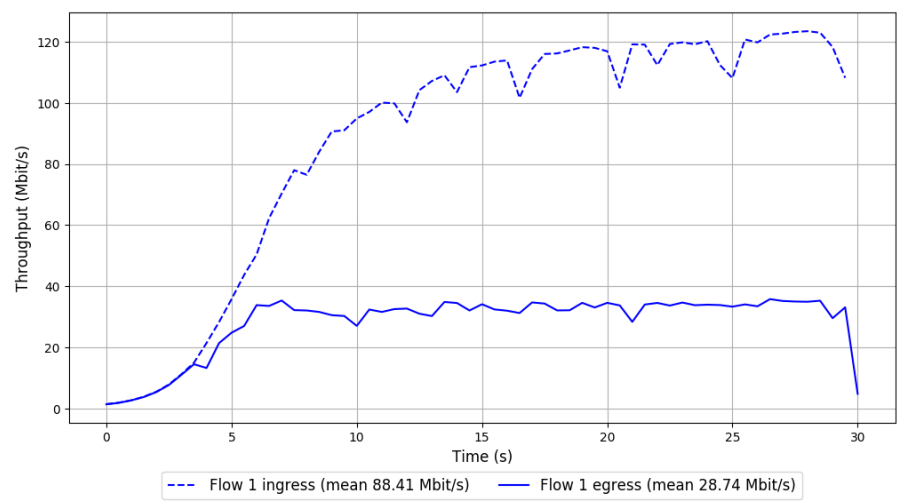
-- Flow 1:

Average throughput: 28.74 Mbit/s

95th percentile per-packet one-way delay: 83.789 ms

Loss rate: 67.49%

Run 9: Report of CalibratedKoho — Data Link

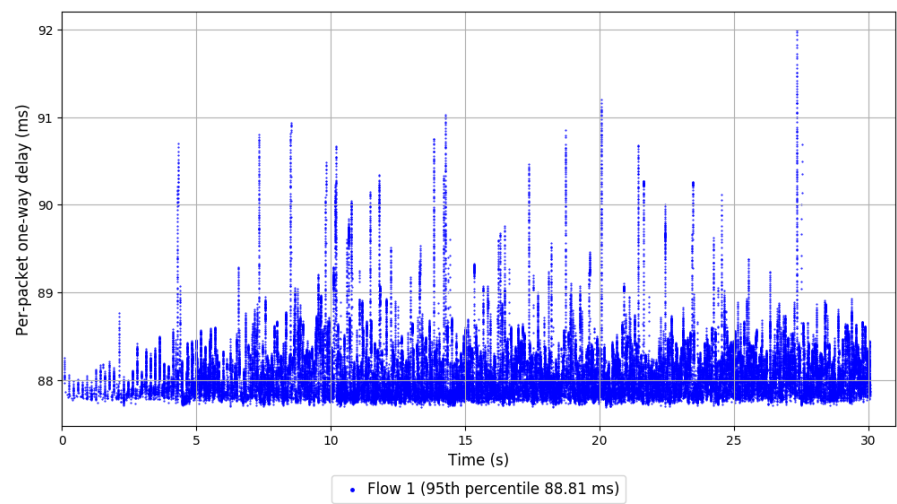
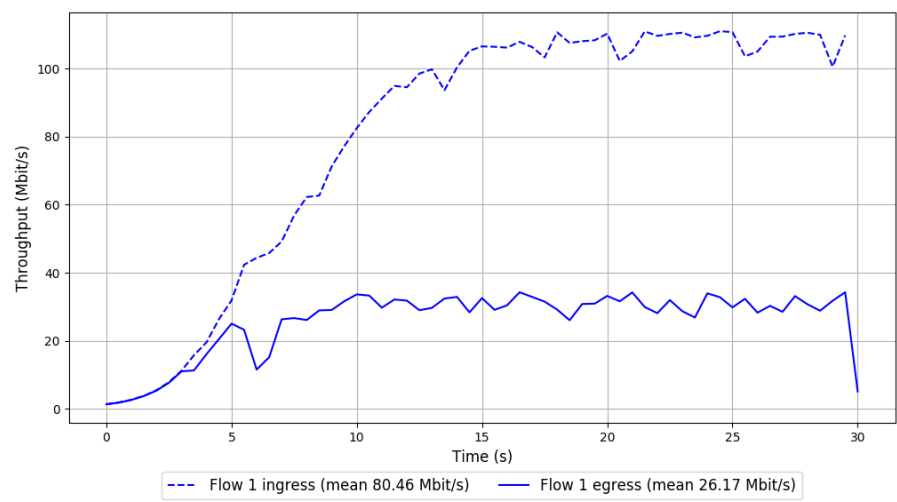


Run 10: Statistics of CalibratedKoho

Start at: 2017-10-10 23:10:13
End at: 2017-10-10 23:10:43
Local clock offset: -2.497 ms
Remote clock offset: -4.126 ms

Below is generated by plot.py at 2017-10-10 23:41:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 26.17 Mbit/s
95th percentile per-packet one-way delay: 88.811 ms
Loss rate: 67.48%
-- Flow 1:
Average throughput: 26.17 Mbit/s
95th percentile per-packet one-way delay: 88.811 ms
Loss rate: 67.48%

Run 10: Report of CalibratedKoho — Data Link

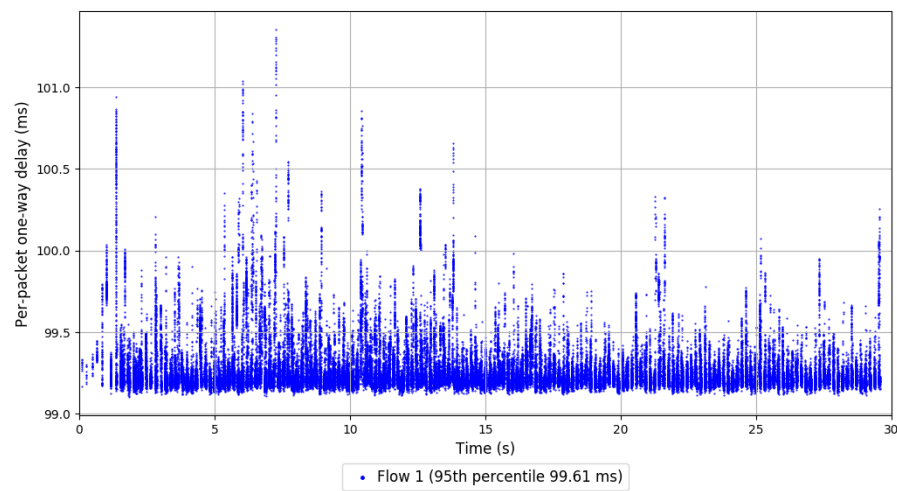
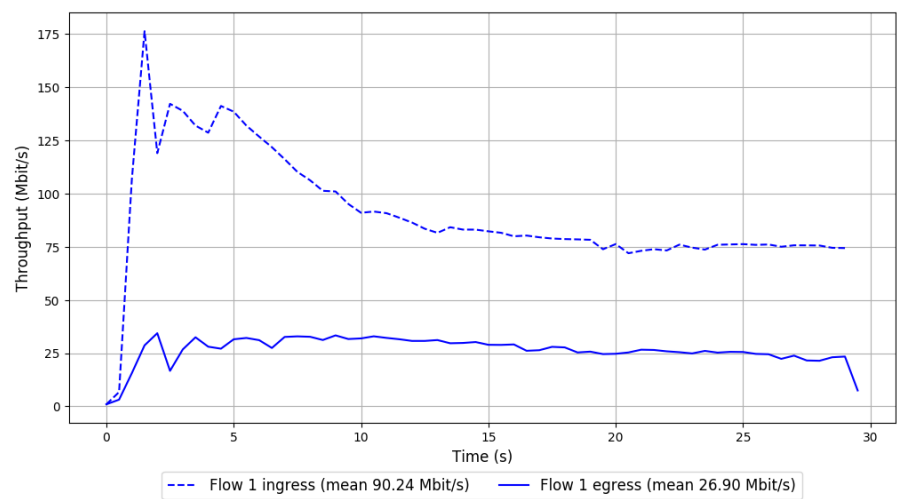


Run 1: Statistics of Indigo

Start at: 2017-10-10 20:39:57
End at: 2017-10-10 20:40:27
Local clock offset: -7.966 ms
Remote clock offset: 11.518 ms

Below is generated by plot.py at 2017-10-10 23:41:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 26.90 Mbit/s
95th percentile per-packet one-way delay: 99.612 ms
Loss rate: 70.19%
-- Flow 1:
Average throughput: 26.90 Mbit/s
95th percentile per-packet one-way delay: 99.612 ms
Loss rate: 70.19%

Run 1: Report of Indigo — Data Link

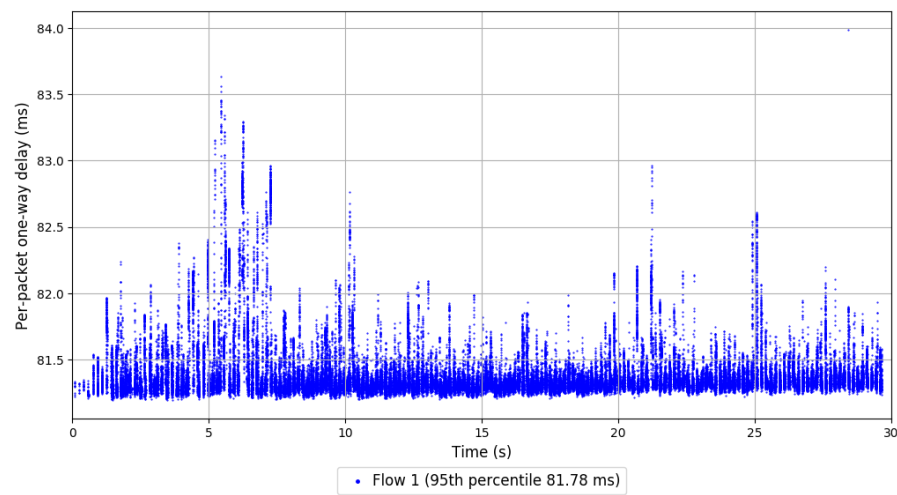
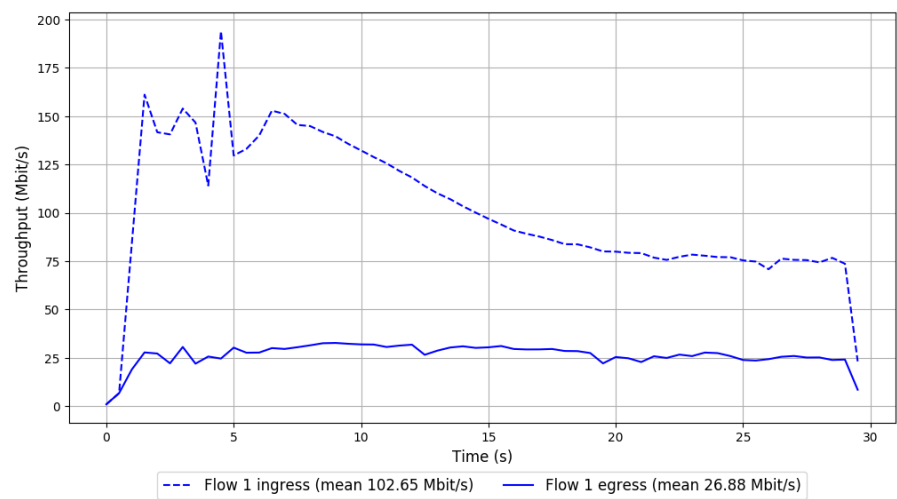


Run 2: Statistics of Indigo

Start at: 2017-10-10 20:57:41
End at: 2017-10-10 20:58:11
Local clock offset: -6.429 ms
Remote clock offset: -7.123 ms

Below is generated by plot.py at 2017-10-10 23:41:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 26.88 Mbit/s
95th percentile per-packet one-way delay: 81.785 ms
Loss rate: 73.81%
-- Flow 1:
Average throughput: 26.88 Mbit/s
95th percentile per-packet one-way delay: 81.785 ms
Loss rate: 73.81%

Run 2: Report of Indigo — Data Link

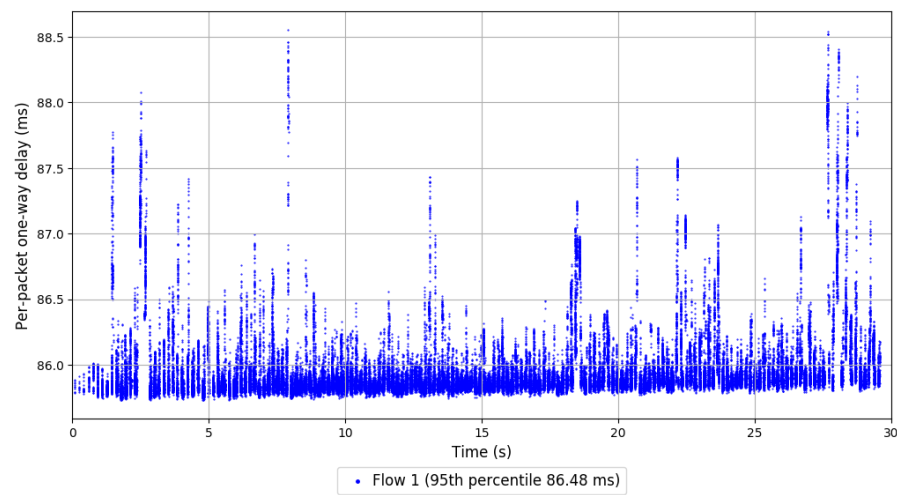
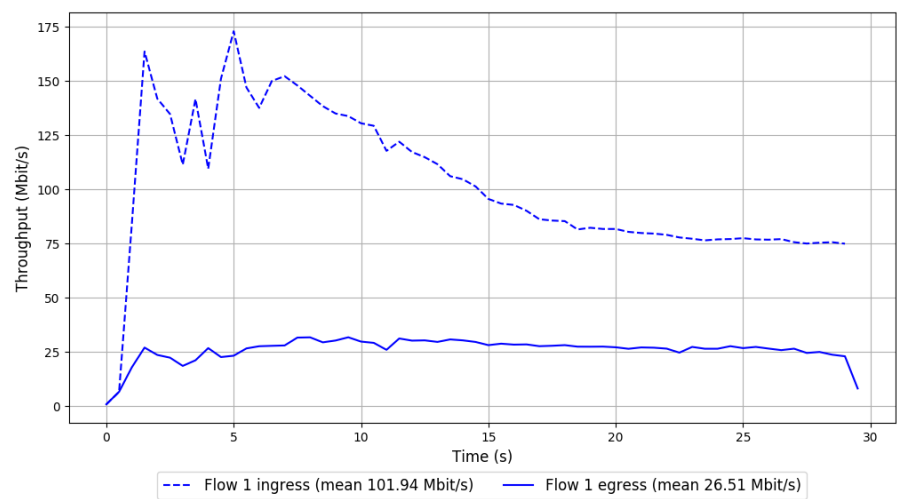


Run 3: Statistics of Indigo

Start at: 2017-10-10 21:15:12
End at: 2017-10-10 21:15:42
Local clock offset: -5.083 ms
Remote clock offset: -2.705 ms

Below is generated by plot.py at 2017-10-10 23:41:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 26.51 Mbit/s
95th percentile per-packet one-way delay: 86.481 ms
Loss rate: 73.99%
-- Flow 1:
Average throughput: 26.51 Mbit/s
95th percentile per-packet one-way delay: 86.481 ms
Loss rate: 73.99%

Run 3: Report of Indigo — Data Link



Run 4: Statistics of Indigo

Start at: 2017-10-10 21:32:47

End at: 2017-10-10 21:33:17

Local clock offset: -3.463 ms

Remote clock offset: 7.884 ms

Below is generated by plot.py at 2017-10-10 23:41:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 26.45 Mbit/s

95th percentile per-packet one-way delay: 96.817 ms

Loss rate: 73.78%

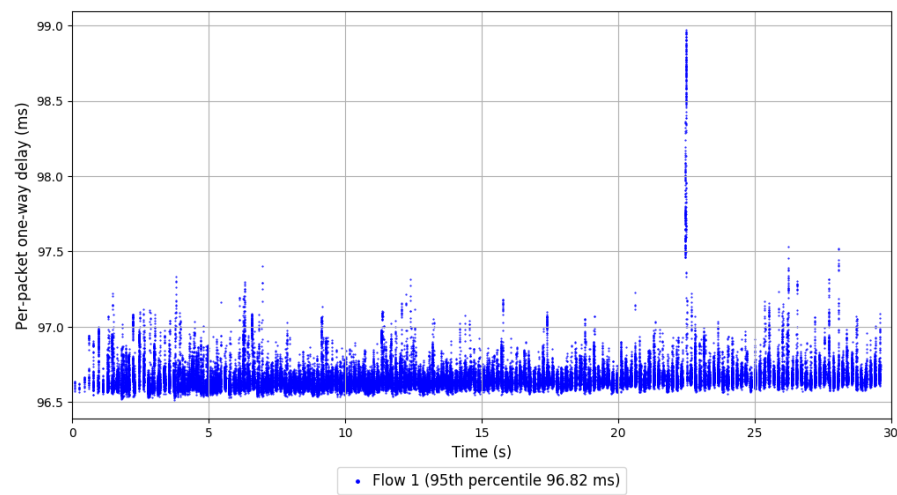
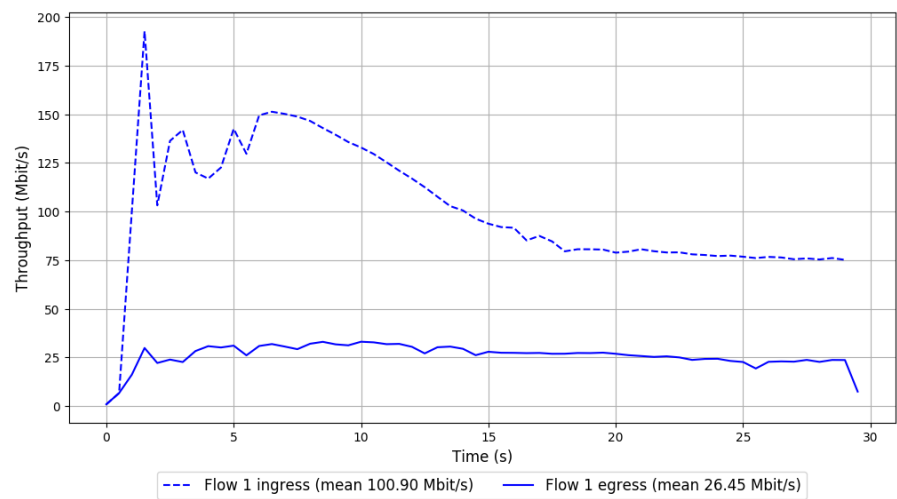
-- Flow 1:

Average throughput: 26.45 Mbit/s

95th percentile per-packet one-way delay: 96.817 ms

Loss rate: 73.78%

Run 4: Report of Indigo — Data Link

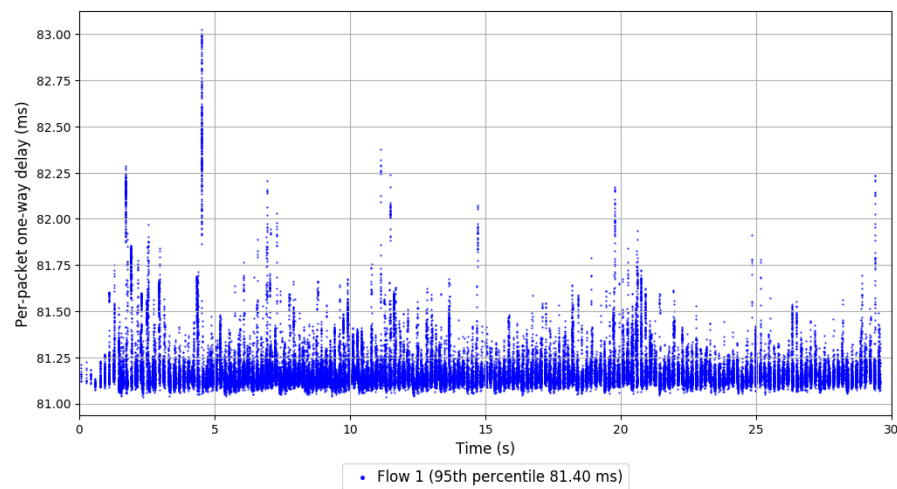
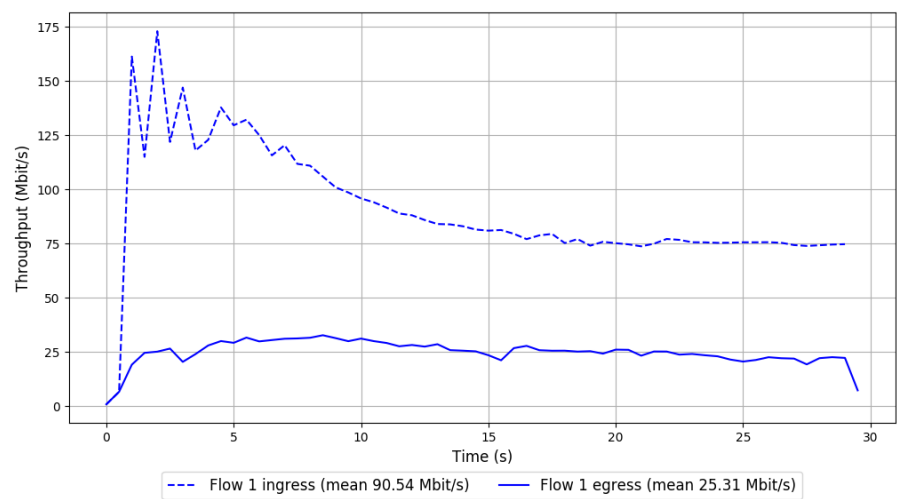


Run 5: Statistics of Indigo

Start at: 2017-10-10 21:50:31
End at: 2017-10-10 21:51:01
Local clock offset: -2.459 ms
Remote clock offset: -8.303 ms

Below is generated by plot.py at 2017-10-10 23:41:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 25.31 Mbit/s
95th percentile per-packet one-way delay: 81.404 ms
Loss rate: 72.04%
-- Flow 1:
Average throughput: 25.31 Mbit/s
95th percentile per-packet one-way delay: 81.404 ms
Loss rate: 72.04%

Run 5: Report of Indigo — Data Link

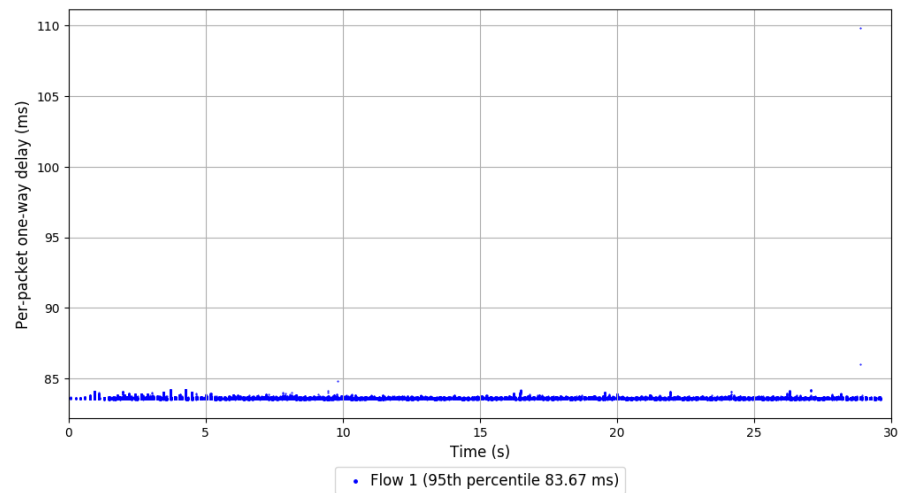
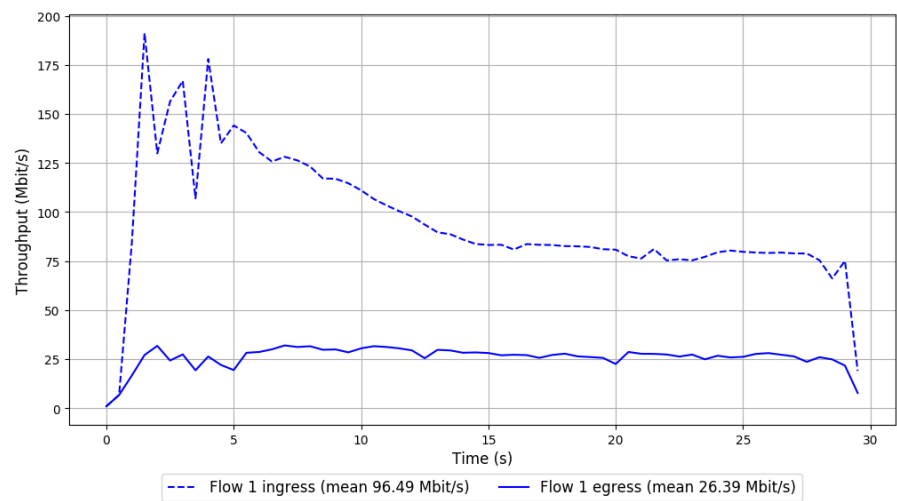


Run 6: Statistics of Indigo

Start at: 2017-10-10 22:08:36
End at: 2017-10-10 22:09:06
Local clock offset: -2.709 ms
Remote clock offset: -8.473 ms

Below is generated by plot.py at 2017-10-10 23:41:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 26.39 Mbit/s
95th percentile per-packet one-way delay: 83.668 ms
Loss rate: 72.65%
-- Flow 1:
Average throughput: 26.39 Mbit/s
95th percentile per-packet one-way delay: 83.668 ms
Loss rate: 72.65%

Run 6: Report of Indigo — Data Link

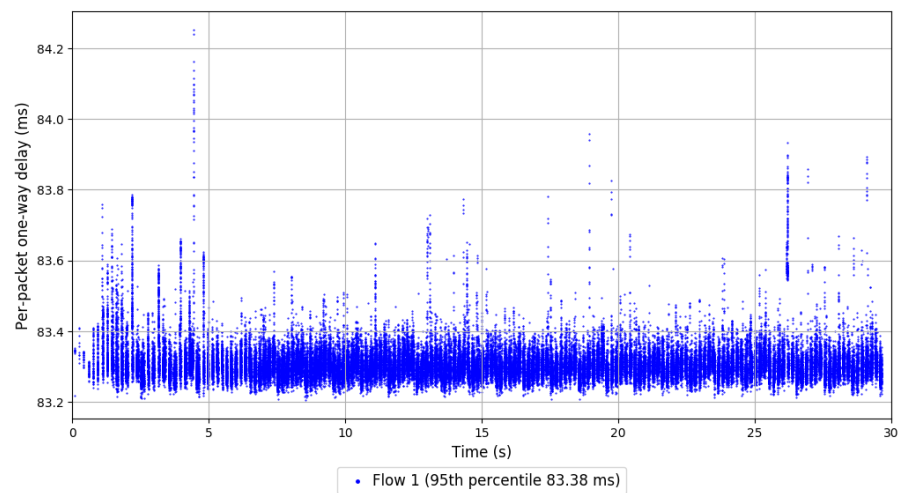
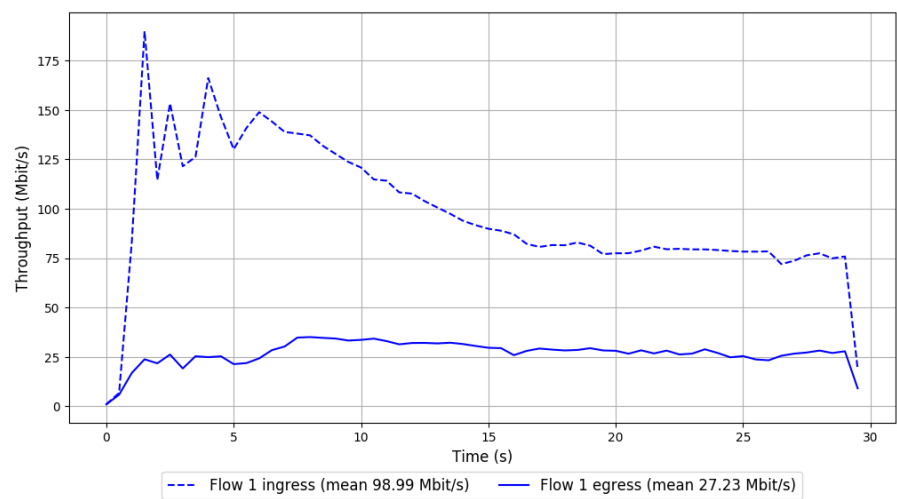


Run 7: Statistics of Indigo

Start at: 2017-10-10 22:26:06
End at: 2017-10-10 22:26:36
Local clock offset: -2.798 ms
Remote clock offset: -8.583 ms

Below is generated by plot.py at 2017-10-10 23:41:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 27.23 Mbit/s
95th percentile per-packet one-way delay: 83.383 ms
Loss rate: 72.49%
-- Flow 1:
Average throughput: 27.23 Mbit/s
95th percentile per-packet one-way delay: 83.383 ms
Loss rate: 72.49%

Run 7: Report of Indigo — Data Link

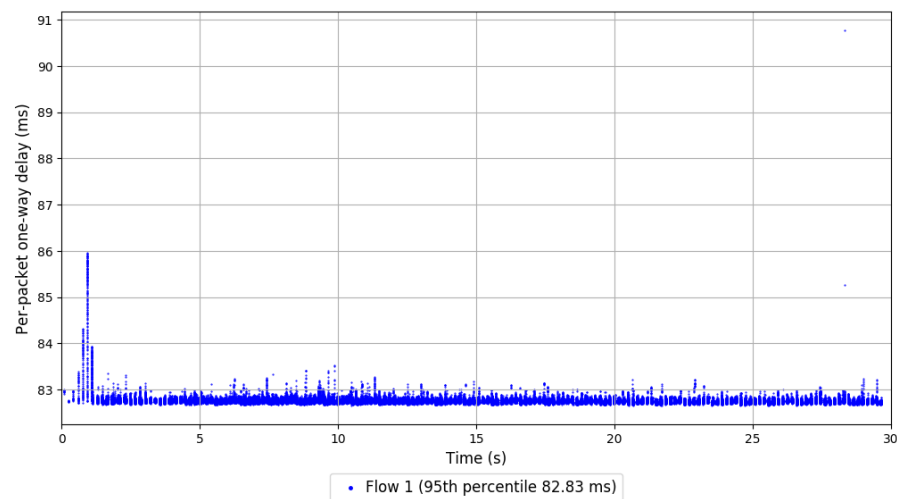
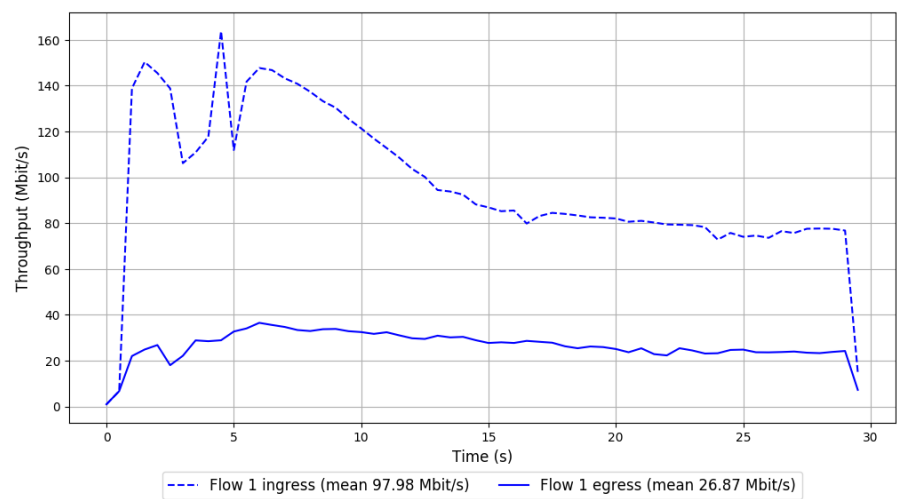


Run 8: Statistics of Indigo

Start at: 2017-10-10 22:44:07
End at: 2017-10-10 22:44:37
Local clock offset: -3.095 ms
Remote clock offset: -8.843 ms

Below is generated by plot.py at 2017-10-10 23:41:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 26.87 Mbit/s
95th percentile per-packet one-way delay: 82.835 ms
Loss rate: 72.57%
-- Flow 1:
Average throughput: 26.87 Mbit/s
95th percentile per-packet one-way delay: 82.835 ms
Loss rate: 72.57%

Run 8: Report of Indigo — Data Link



Run 9: Statistics of Indigo

Start at: 2017-10-10 23:01:31

End at: 2017-10-10 23:02:02

Local clock offset: -2.639 ms

Remote clock offset: -3.76 ms

Below is generated by plot.py at 2017-10-10 23:41:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 28.23 Mbit/s

95th percentile per-packet one-way delay: 88.162 ms

Loss rate: 72.82%

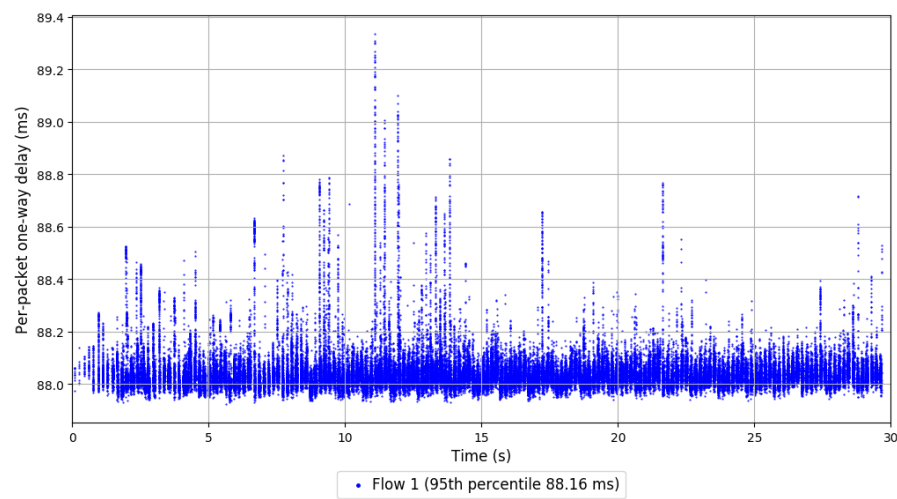
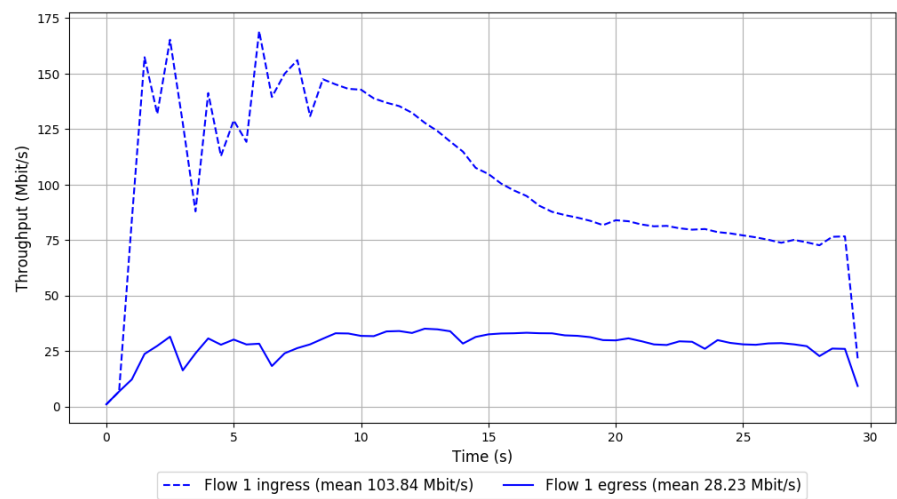
-- Flow 1:

Average throughput: 28.23 Mbit/s

95th percentile per-packet one-way delay: 88.162 ms

Loss rate: 72.82%

Run 9: Report of Indigo — Data Link



Run 10: Statistics of Indigo

Start at: 2017-10-10 23:18:48
End at: 2017-10-10 23:19:18
Local clock offset: -2.331 ms
Remote clock offset: -3.725 ms

Below is generated by plot.py at 2017-10-10 23:41:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 29.12 Mbit/s
95th percentile per-packet one-way delay: 87.936 ms
Loss rate: 68.76%
-- Flow 1:
Average throughput: 29.12 Mbit/s
95th percentile per-packet one-way delay: 87.936 ms
Loss rate: 68.76%

Run 10: Report of Indigo — Data Link

