

## Pantheon Report

Generated at 2017-11-30 15:17:16 (UTC).

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

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).

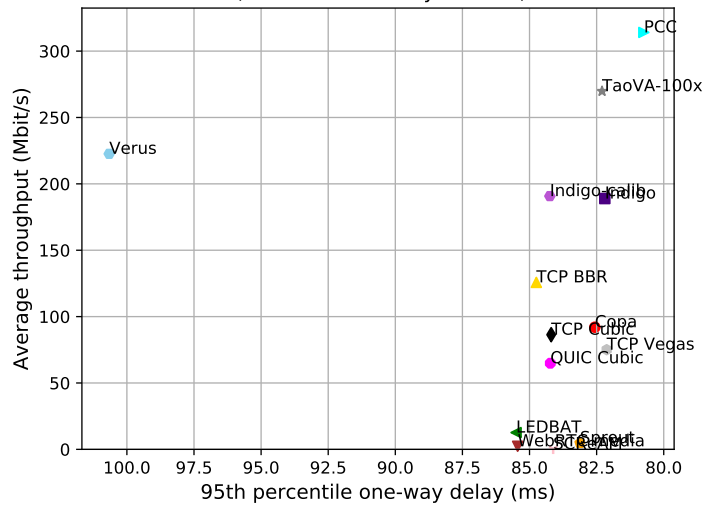
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo\_fast**).

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

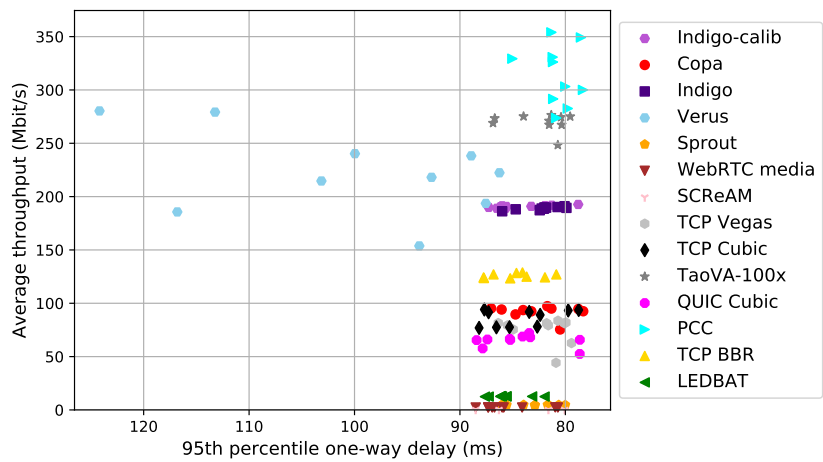
Git summary:

```
branch: indigos @ e3a57ad5ac5cfcaca0e3f983c8dd4cc3509e0262
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/genericCC @ b5b7c38e8391001927dc41c6cfa2627d03dde737
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 @ 03455460fd1a8ffbdad86fabb936fdca204b80db
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 Colombia Ethernet to AWS Brazil 2 Ethernet, 10 runs of 30s each per scheme  
(mean of all runs by scheme)



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



scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	9	125.79	84.75	0.59
TCP Cubic	10	86.37	84.19	0.59
LEDBAT	9	12.65	85.50	1.11
PCC	10	314.07	80.74	5.77
QUIC Cubic	10	64.87	84.23	0.82
SCReAM	4	0.22	84.12	0.51
WebRTC media	10	2.31	85.44	0.64
Sprout	10	4.70	83.12	0.61
TaoVA-100x	10	269.78	82.30	0.53
TCP Vegas	10	75.06	82.13	0.57
Verus	10	222.62	100.66	1.47
Copa	10	91.99	82.57	0.67
Indigo	10	188.93	82.20	0.57
Indigo-calib	10	190.78	84.24	0.59

Run 1: Statistics of TCP BBR

Start at: 2017-11-30 08:48:57

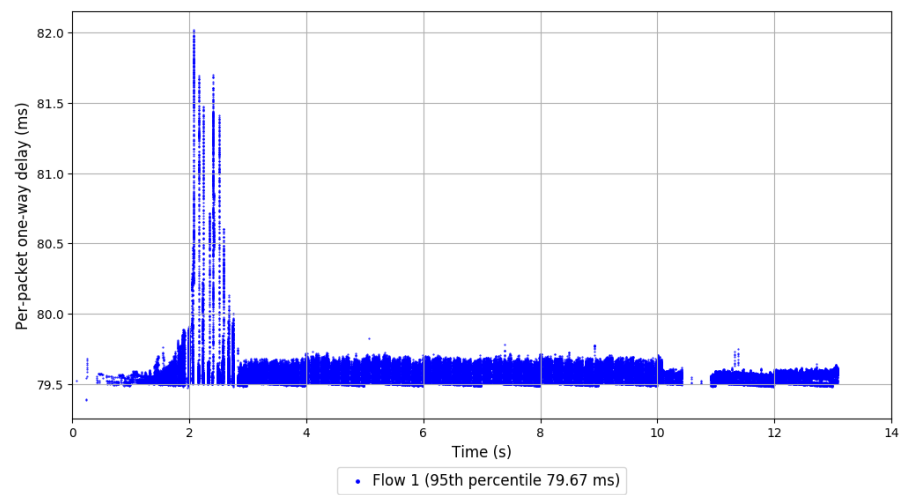
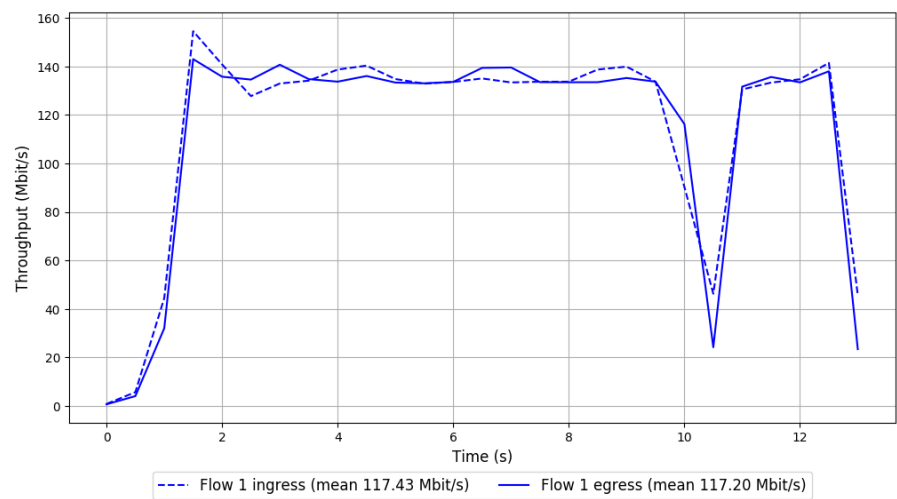
End at: 2017-11-30 08:49:27

Local clock offset: 1.168 ms

Remote clock offset: -2.639 ms



Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2017-11-30 09:06:45

End at: 2017-11-30 09:07:15

Local clock offset: 1.236 ms

Remote clock offset: -8.786 ms

# Below is generated by plot.py at 2017-11-30 14:44:30

# Datalink statistics

-- Total of 1 flow:

Average throughput: 124.25 Mbit/s

95th percentile per-packet one-way delay: 87.755 ms

Loss rate: 0.59%

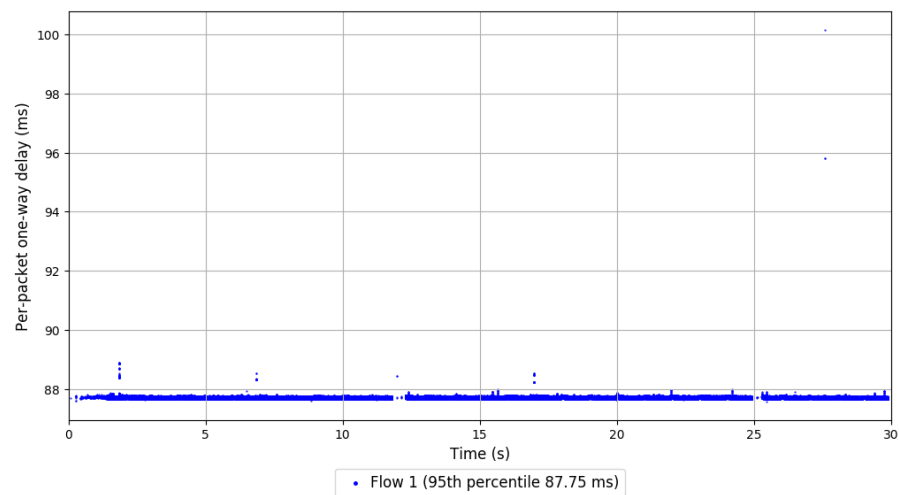
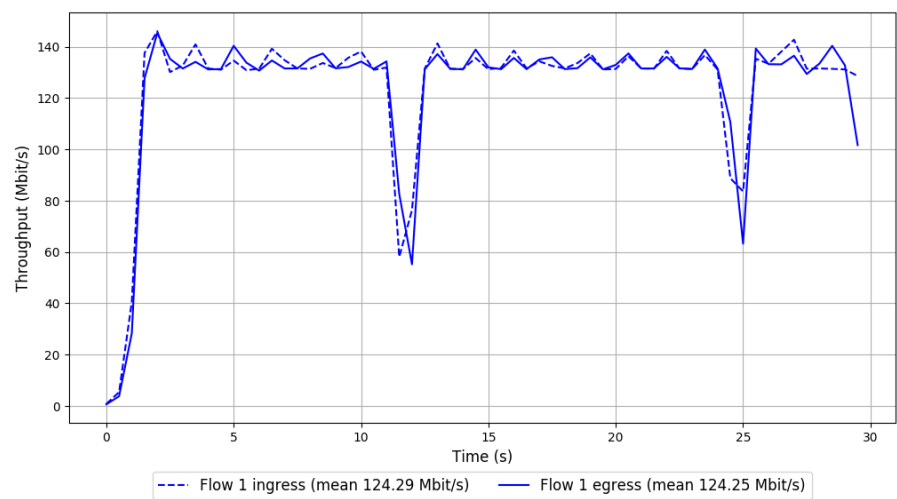
-- Flow 1:

Average throughput: 124.25 Mbit/s

95th percentile per-packet one-way delay: 87.755 ms

Loss rate: 0.59%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2017-11-30 09:24:36

End at: 2017-11-30 09:25:06

Local clock offset: 1.503 ms

Remote clock offset: -7.222 ms

# Below is generated by plot.py at 2017-11-30 14:44:30

# Datalink statistics

-- Total of 1 flow:

Average throughput: 123.40 Mbit/s

95th percentile per-packet one-way delay: 85.231 ms

Loss rate: 0.59%

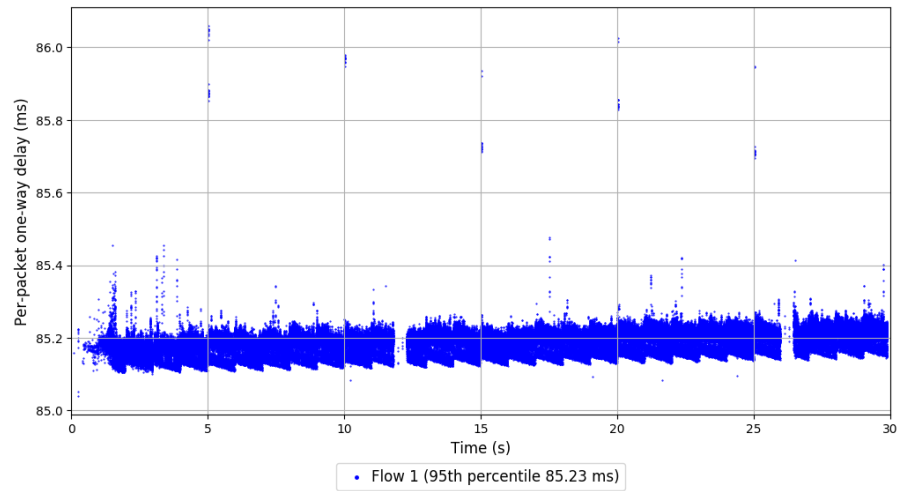
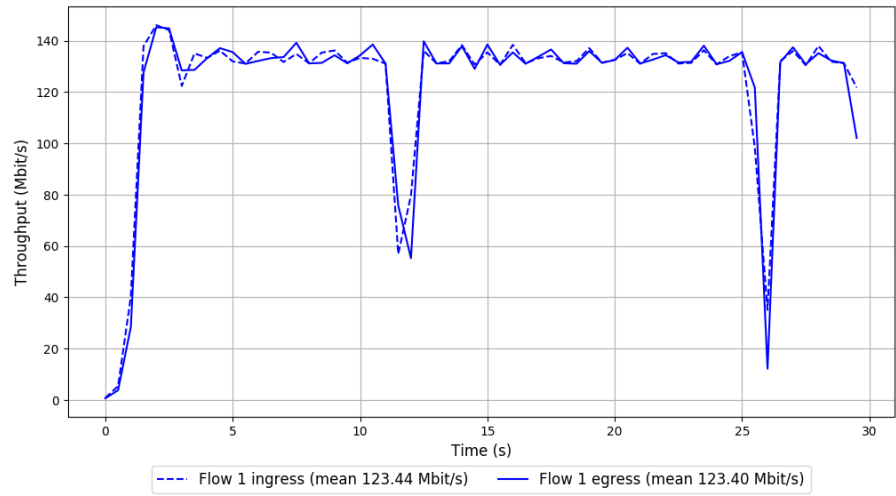
-- Flow 1:

Average throughput: 123.40 Mbit/s

95th percentile per-packet one-way delay: 85.231 ms

Loss rate: 0.59%

### Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2017-11-30 09:42:30

End at: 2017-11-30 09:43:01

Local clock offset: 1.586 ms

Remote clock offset: -5.56 ms

# Below is generated by plot.py at 2017-11-30 14:44:35

# Datalink statistics

-- Total of 1 flow:

Average throughput: 128.88 Mbit/s

95th percentile per-packet one-way delay: 84.068 ms

Loss rate: 0.58%

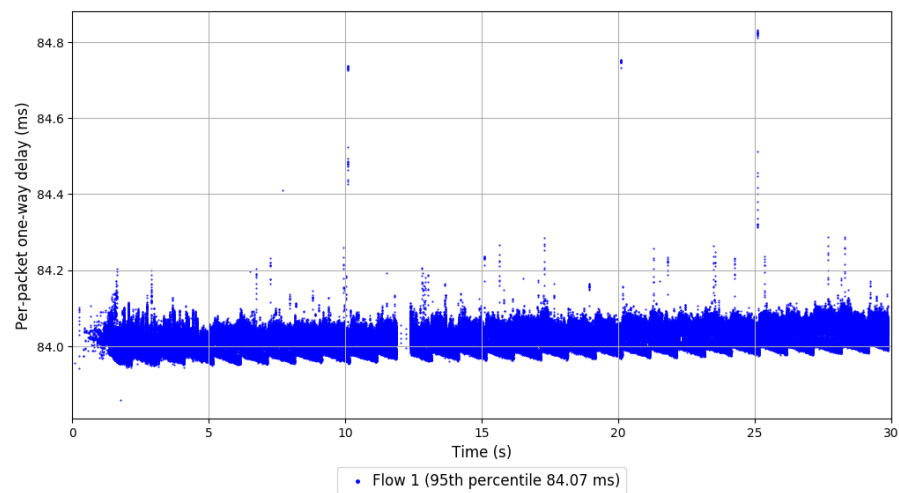
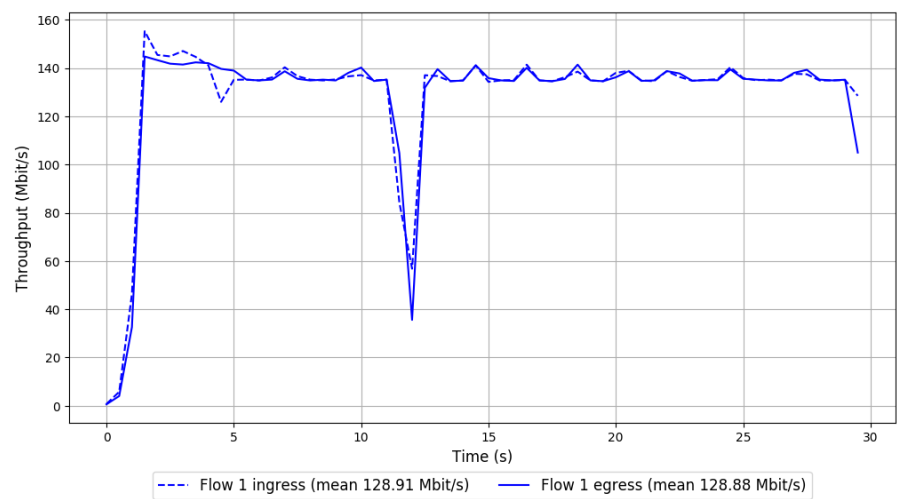
-- Flow 1:

Average throughput: 128.88 Mbit/s

95th percentile per-packet one-way delay: 84.068 ms

Loss rate: 0.58%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2017-11-30 10:00:29

End at: 2017-11-30 10:00:59

Local clock offset: 1.583 ms

Remote clock offset: 0.289 ms

# Below is generated by plot.py at 2017-11-30 14:44:35

# Datalink statistics

-- Total of 1 flow:

Average throughput: 124.32 Mbit/s

95th percentile per-packet one-way delay: 81.938 ms

Loss rate: 0.63%

-- Flow 1:

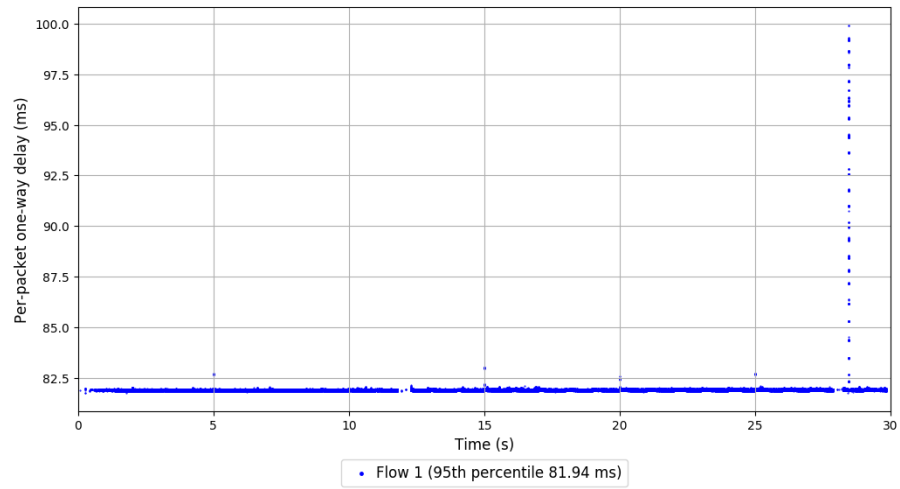
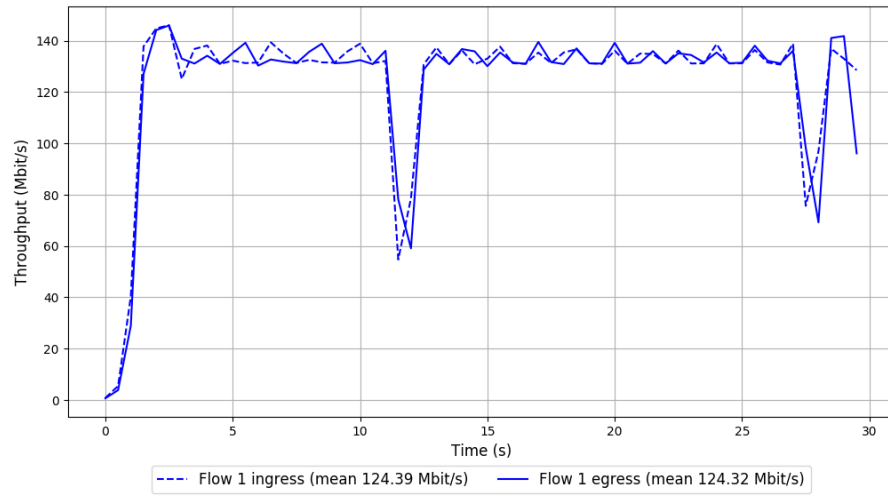
Average throughput: 124.32 Mbit/s

95th percentile per-packet one-way delay: 81.938 ms

Loss rate: 0.63%



### Run 5: Report of TCP BBR — Data Link

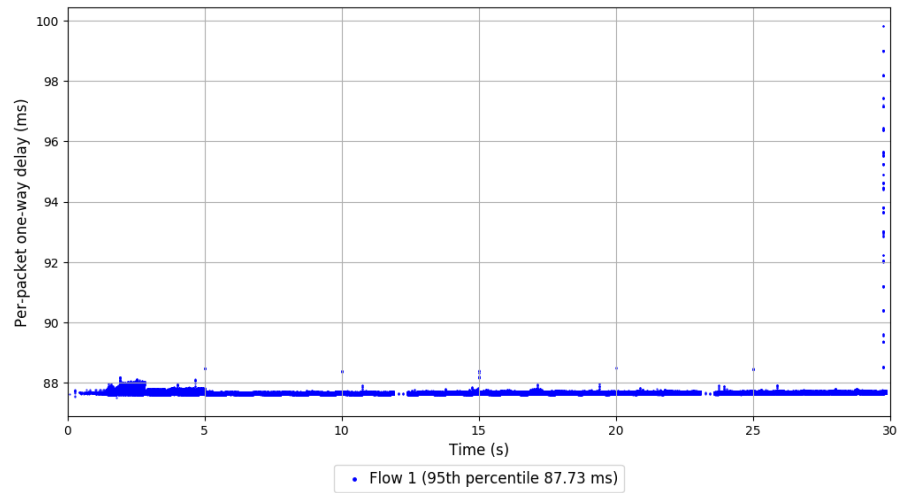
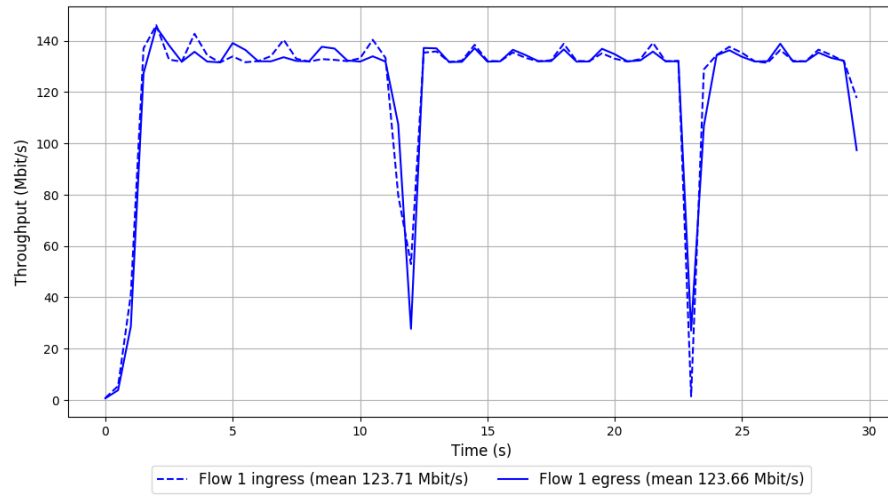


Run 6: Statistics of TCP BBR

Start at: 2017-11-30 10:18:29  
End at: 2017-11-30 10:18:59  
Local clock offset: 1.504 ms  
Remote clock offset: -3.897 ms

# Below is generated by plot.py at 2017-11-30 14:44:35  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 123.66 Mbit/s  
95th percentile per-packet one-way delay: 87.730 ms  
Loss rate: 0.60%  
-- Flow 1:  
Average throughput: 123.66 Mbit/s  
95th percentile per-packet one-way delay: 87.730 ms  
Loss rate: 0.60%

## Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

Start at: 2017-11-30 10:36:21

End at: 2017-11-30 10:36:51

Local clock offset: 1.317 ms

Remote clock offset: 2.13 ms

# Below is generated by plot.py at 2017-11-30 14:44:35

# Datalink statistics

-- Total of 1 flow:

Average throughput: 127.09 Mbit/s

95th percentile per-packet one-way delay: 80.858 ms

Loss rate: 0.58%

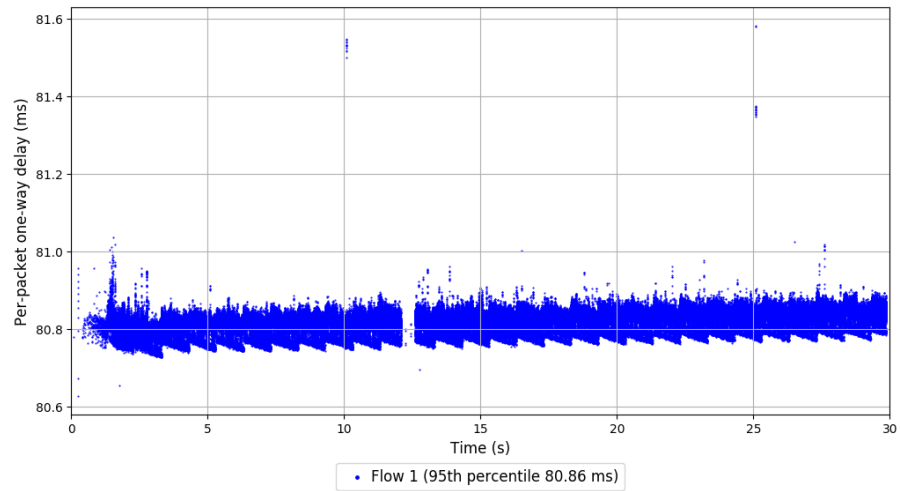
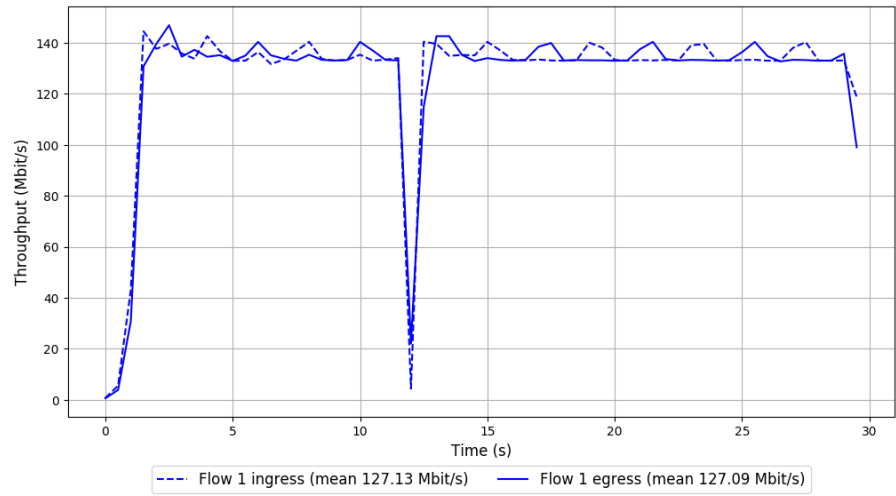
-- Flow 1:

Average throughput: 127.09 Mbit/s

95th percentile per-packet one-way delay: 80.858 ms

Loss rate: 0.58%

### Run 7: Report of TCP BBR — Data Link

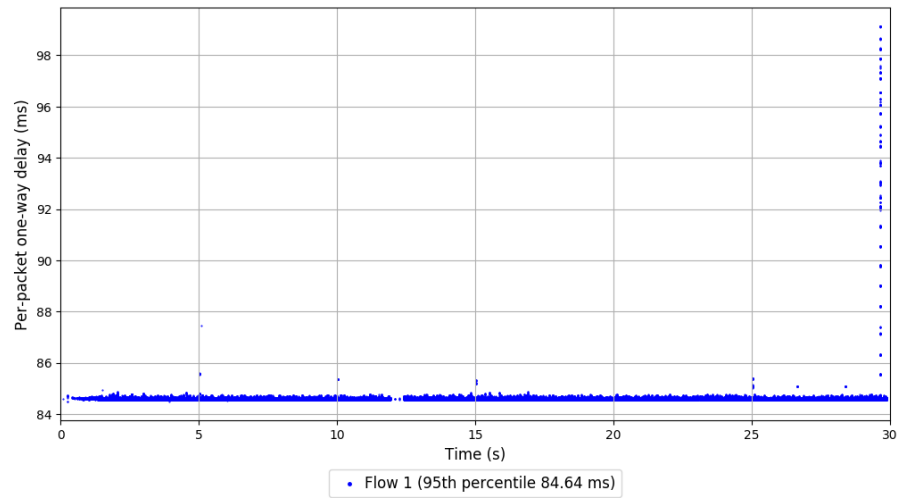
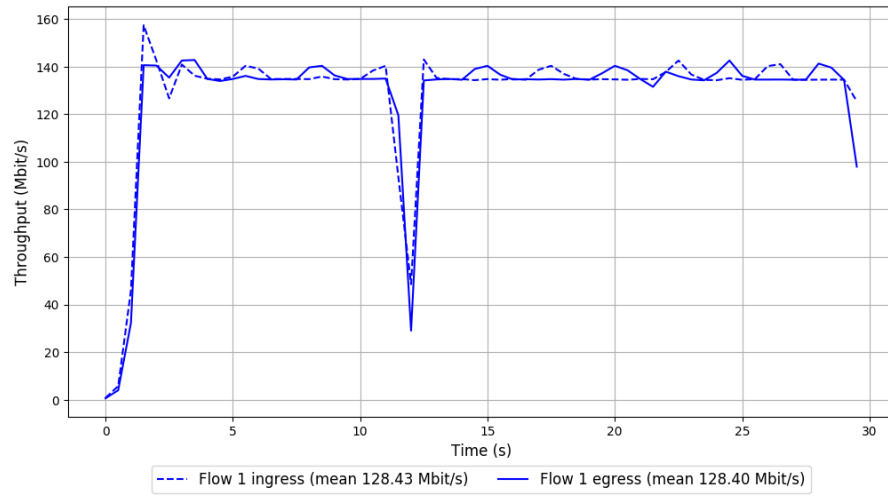


Run 8: Statistics of TCP BBR

Start at: 2017-11-30 10:54:37  
End at: 2017-11-30 10:55:07  
Local clock offset: 1.039 ms  
Remote clock offset: -2.479 ms

# Below is generated by plot.py at 2017-11-30 14:44:35  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 128.40 Mbit/s  
95th percentile per-packet one-way delay: 84.640 ms  
Loss rate: 0.58%  
-- Flow 1:  
Average throughput: 128.40 Mbit/s  
95th percentile per-packet one-way delay: 84.640 ms  
Loss rate: 0.58%

### Run 8: Report of TCP BBR — Data Link



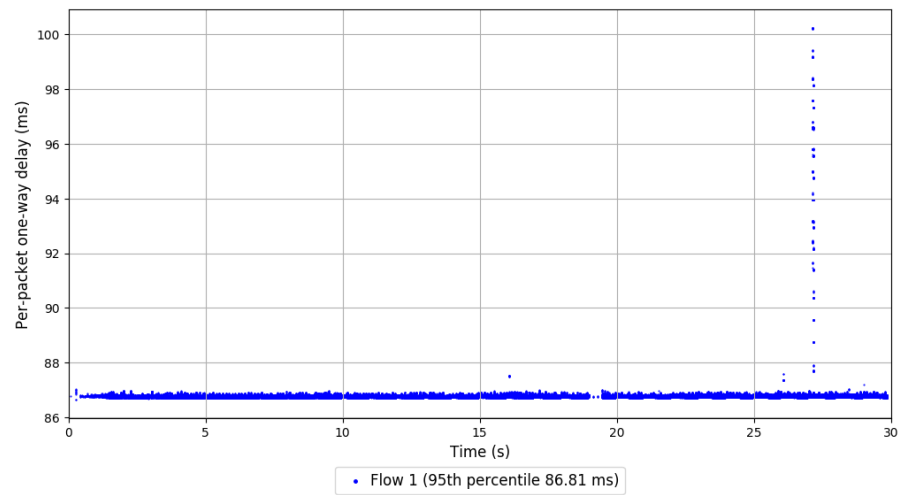
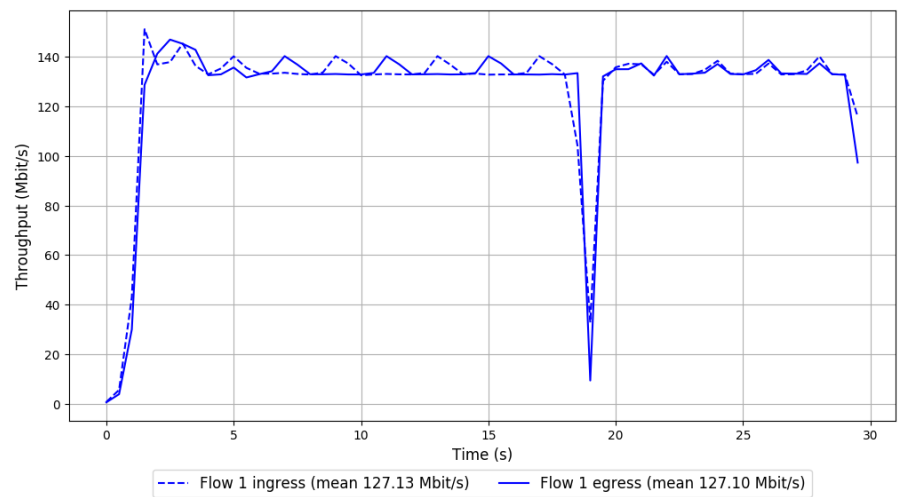
Run 9: Statistics of TCP BBR

Start at: 2017-11-30 11:12:35  
End at: 2017-11-30 11:13:05  
Local clock offset: 0.703 ms  
Remote clock offset: -2.775 ms

# Below is generated by plot.py at 2017-11-30 14:45:07  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 127.10 Mbit/s  
95th percentile per-packet one-way delay: 86.815 ms  
Loss rate: 0.58%  
-- Flow 1:  
Average throughput: 127.10 Mbit/s  
95th percentile per-packet one-way delay: 86.815 ms  
Loss rate: 0.58%



Run 9: Report of TCP BBR — Data Link

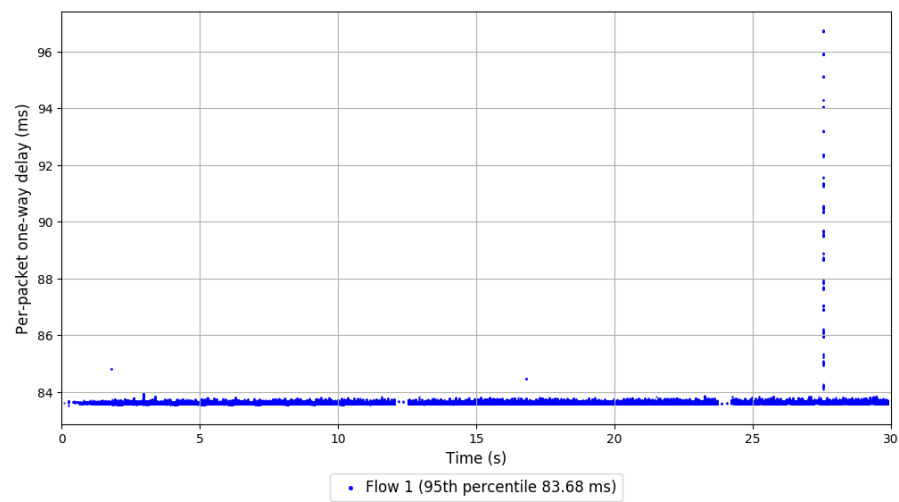
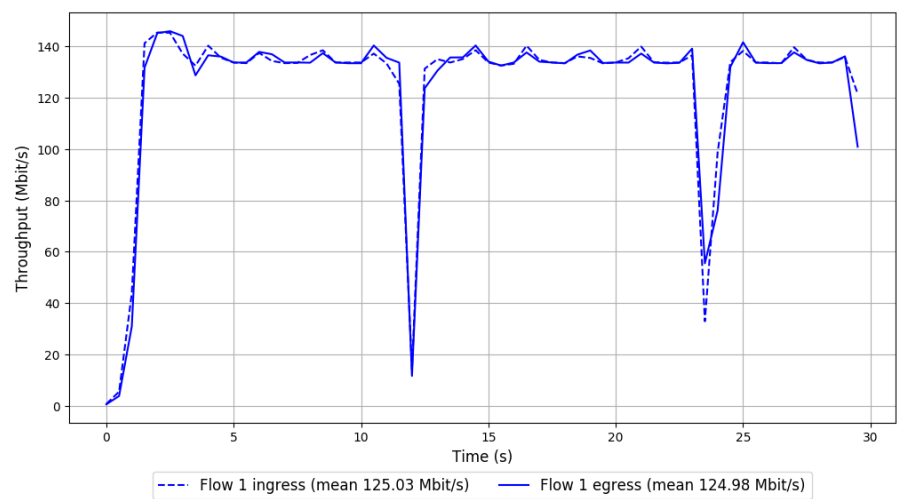


Run 10: Statistics of TCP BBR

Start at: 2017-11-30 11:30:31  
End at: 2017-11-30 11:31:01  
Local clock offset: 0.539 ms  
Remote clock offset: -0.942 ms

# Below is generated by plot.py at 2017-11-30 14:46:22  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 124.98 Mbit/s  
95th percentile per-packet one-way delay: 83.677 ms  
Loss rate: 0.59%  
-- Flow 1:  
Average throughput: 124.98 Mbit/s  
95th percentile per-packet one-way delay: 83.677 ms  
Loss rate: 0.59%

Run 10: Report of TCP BBR — Data Link

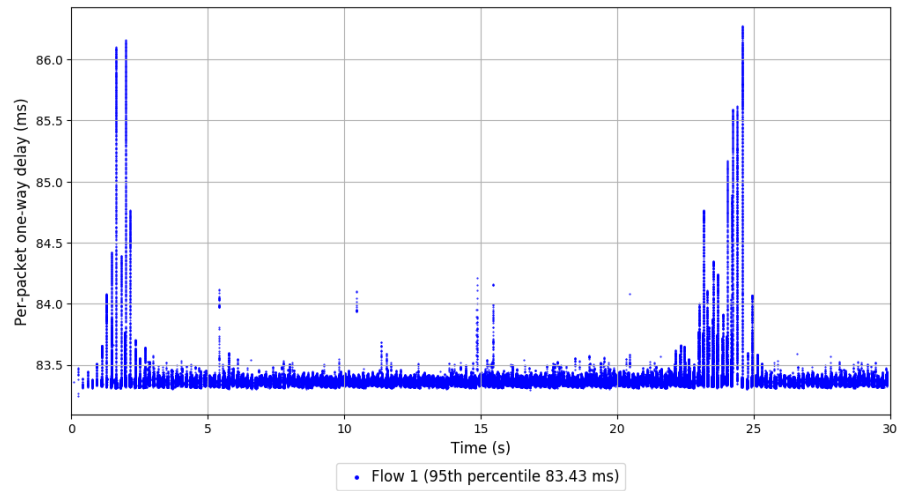
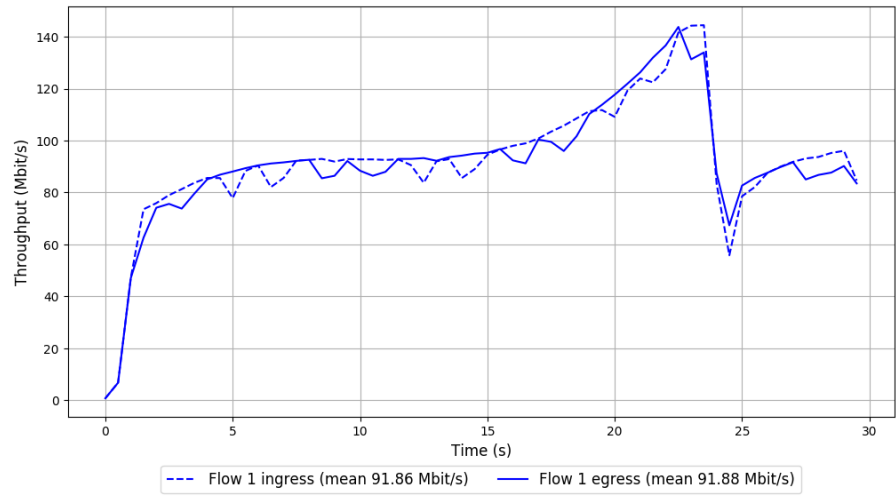


Run 1: Statistics of TCP Cubic

Start at: 2017-11-30 08:52:36  
End at: 2017-11-30 08:53:06  
Local clock offset: 1.225 ms  
Remote clock offset: -4.379 ms

# Below is generated by plot.py at 2017-11-30 14:46:22  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 91.88 Mbit/s  
95th percentile per-packet one-way delay: 83.429 ms  
Loss rate: 0.55%  
-- Flow 1:  
Average throughput: 91.88 Mbit/s  
95th percentile per-packet one-way delay: 83.429 ms  
Loss rate: 0.55%

### Run 1: Report of TCP Cubic — Data Link

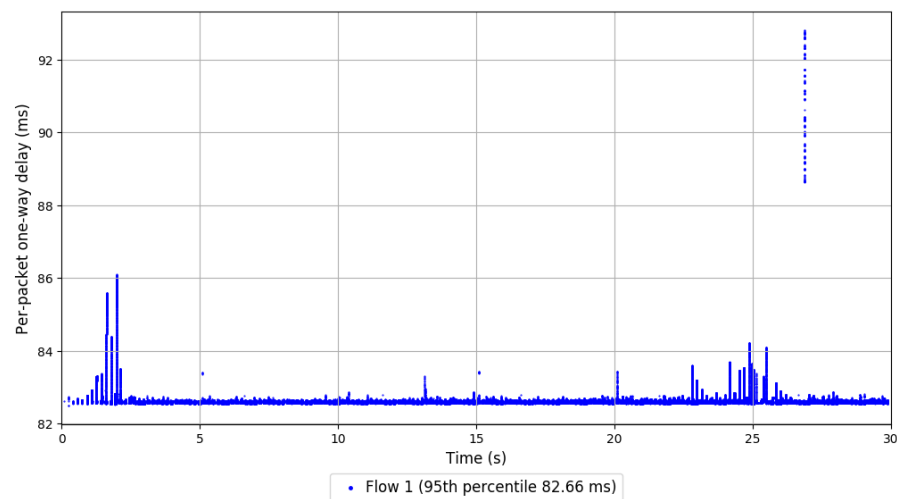
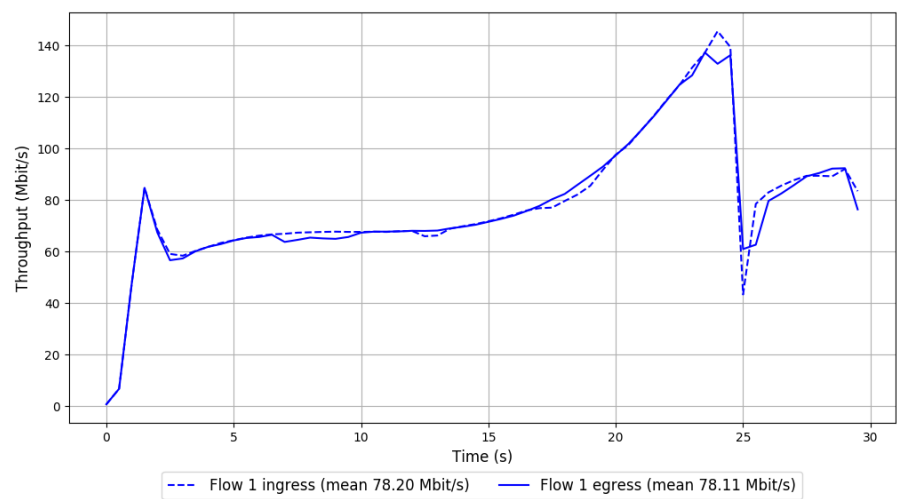


Run 2: Statistics of TCP Cubic

Start at: 2017-11-30 09:10:26  
End at: 2017-11-30 09:10:56  
Local clock offset: 1.345 ms  
Remote clock offset: -3.555 ms

# Below is generated by plot.py at 2017-11-30 14:46:22  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 78.11 Mbit/s  
95th percentile per-packet one-way delay: 82.663 ms  
Loss rate: 0.67%  
-- Flow 1:  
Average throughput: 78.11 Mbit/s  
95th percentile per-packet one-way delay: 82.663 ms  
Loss rate: 0.67%

Run 2: Report of TCP Cubic — Data Link



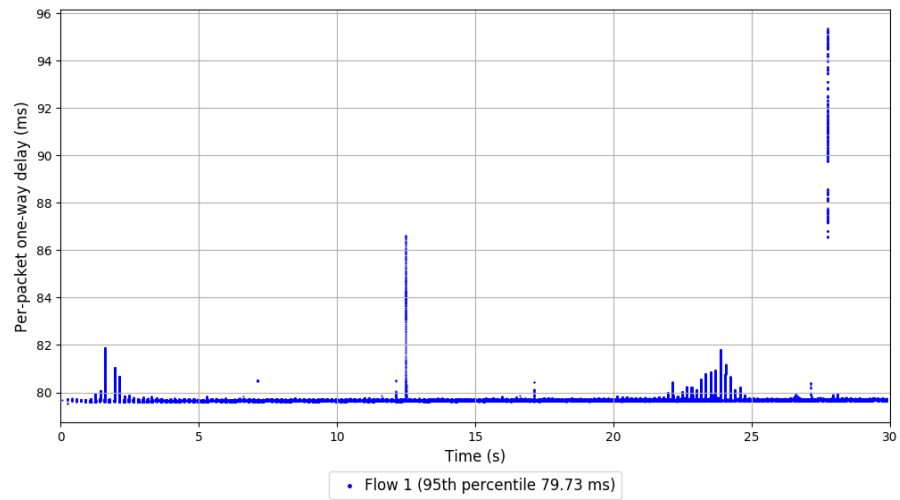
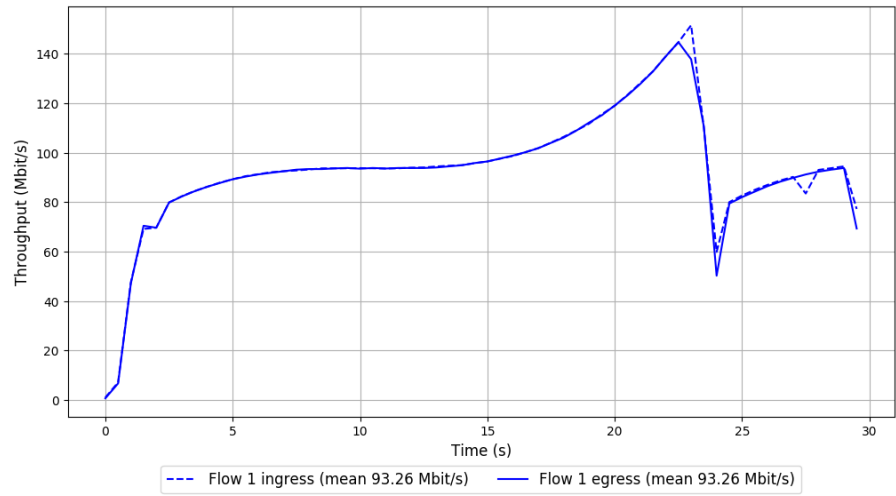
Run 3: Statistics of TCP Cubic

Start at: 2017-11-30 09:28:18  
End at: 2017-11-30 09:28:48  
Local clock offset: 1.496 ms  
Remote clock offset: -2.964 ms

# Below is generated by plot.py at 2017-11-30 14:46:22  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 93.26 Mbit/s  
95th percentile per-packet one-way delay: 79.726 ms  
Loss rate: 0.55%  
-- Flow 1:  
Average throughput: 93.26 Mbit/s  
95th percentile per-packet one-way delay: 79.726 ms  
Loss rate: 0.55%



### Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: 2017-11-30 09:46:13

End at: 2017-11-30 09:46:43

Local clock offset: 1.555 ms

Remote clock offset: -6.11 ms

# Below is generated by plot.py at 2017-11-30 14:46:22

# Datalink statistics

-- Total of 1 flow:

Average throughput: 94.16 Mbit/s

95th percentile per-packet one-way delay: 87.684 ms

Loss rate: 0.57%

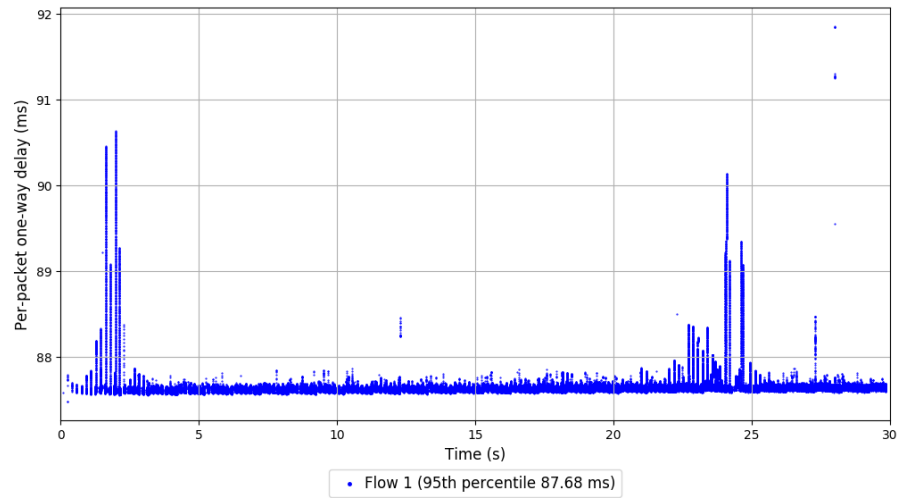
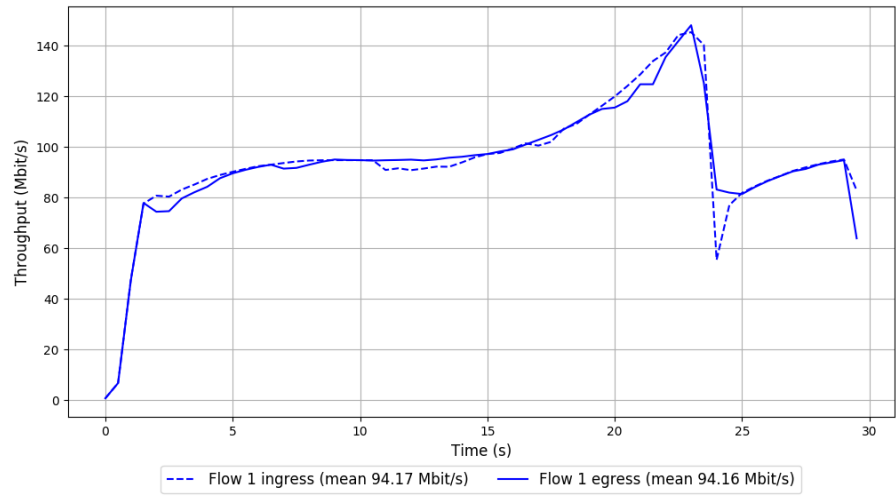
-- Flow 1:

Average throughput: 94.16 Mbit/s

95th percentile per-packet one-way delay: 87.684 ms

Loss rate: 0.57%

#### Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: 2017-11-30 10:04:12

End at: 2017-11-30 10:04:42

Local clock offset: 1.595 ms

Remote clock offset: 0.351 ms

# Below is generated by plot.py at 2017-11-30 14:46:22

# Datalink statistics

-- Total of 1 flow:

Average throughput: 89.08 Mbit/s

95th percentile per-packet one-way delay: 82.390 ms

Loss rate: 0.42%

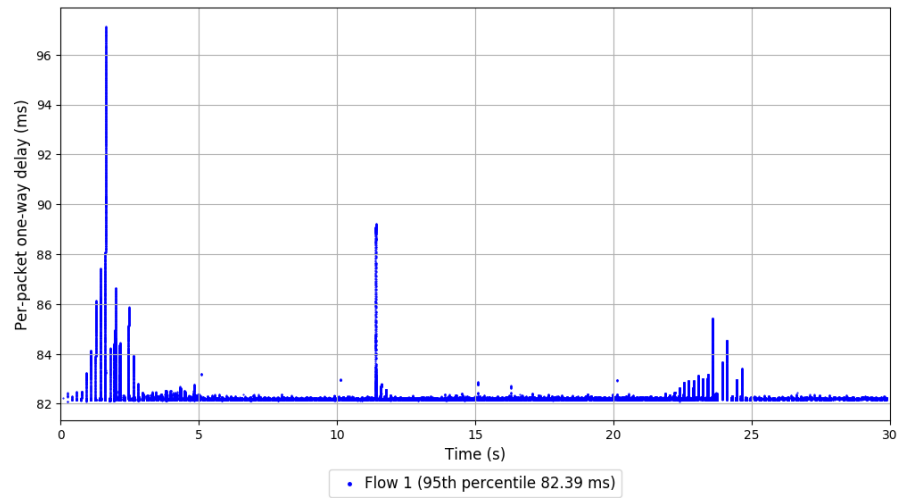
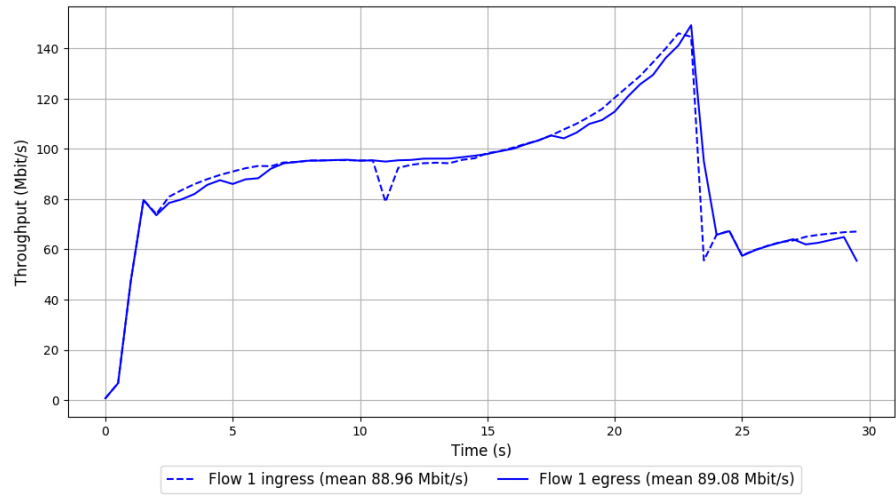
-- Flow 1:

Average throughput: 89.08 Mbit/s

95th percentile per-packet one-way delay: 82.390 ms

Loss rate: 0.42%

### Run 5: Report of TCP Cubic — Data Link

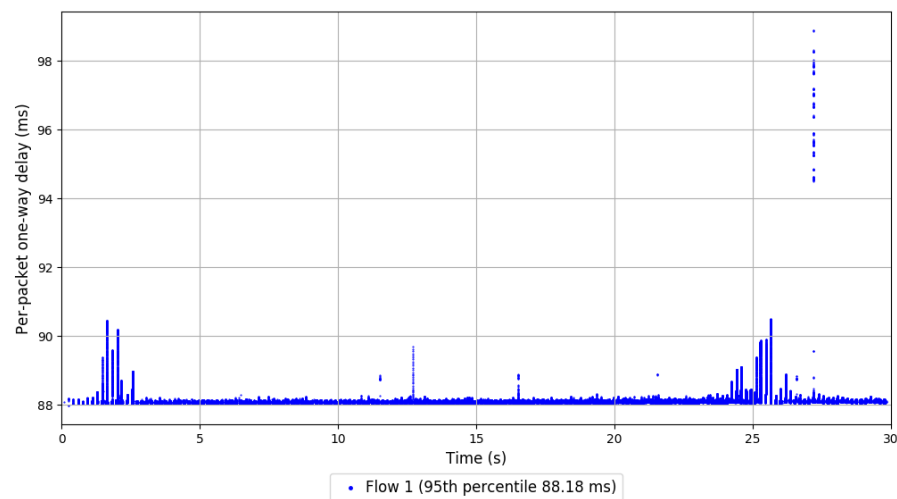
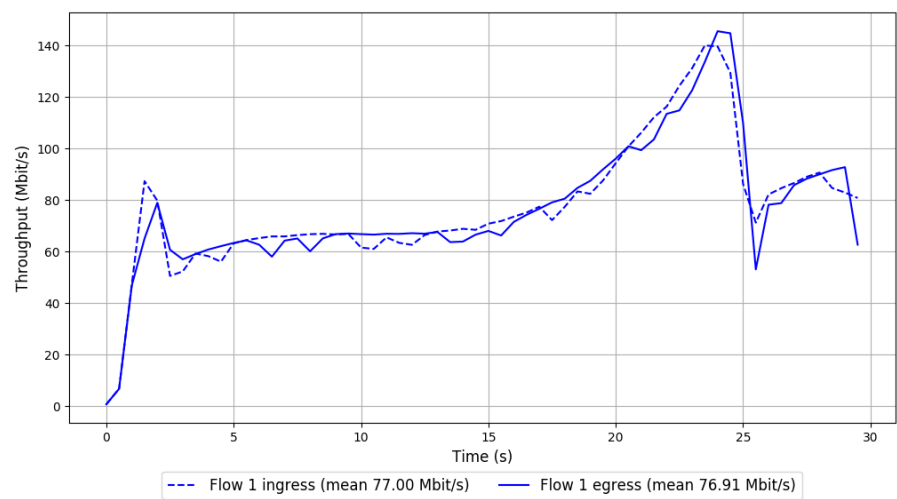


Run 6: Statistics of TCP Cubic

Start at: 2017-11-30 10:22:12  
End at: 2017-11-30 10:22:42  
Local clock offset: 1.463 ms  
Remote clock offset: -4.546 ms

# Below is generated by plot.py at 2017-11-30 14:46:22  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 76.91 Mbit/s  
95th percentile per-packet one-way delay: 88.183 ms  
Loss rate: 0.68%  
-- Flow 1:  
Average throughput: 76.91 Mbit/s  
95th percentile per-packet one-way delay: 88.183 ms  
Loss rate: 0.68%

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: 2017-11-30 10:40:02

End at: 2017-11-30 10:40:32

Local clock offset: 1.18 ms

Remote clock offset: 3.163 ms

# Below is generated by plot.py at 2017-11-30 14:46:43

# Datalink statistics

-- Total of 1 flow:

Average throughput: 93.69 Mbit/s

95th percentile per-packet one-way delay: 78.735 ms

Loss rate: 0.56%

-- Flow 1:

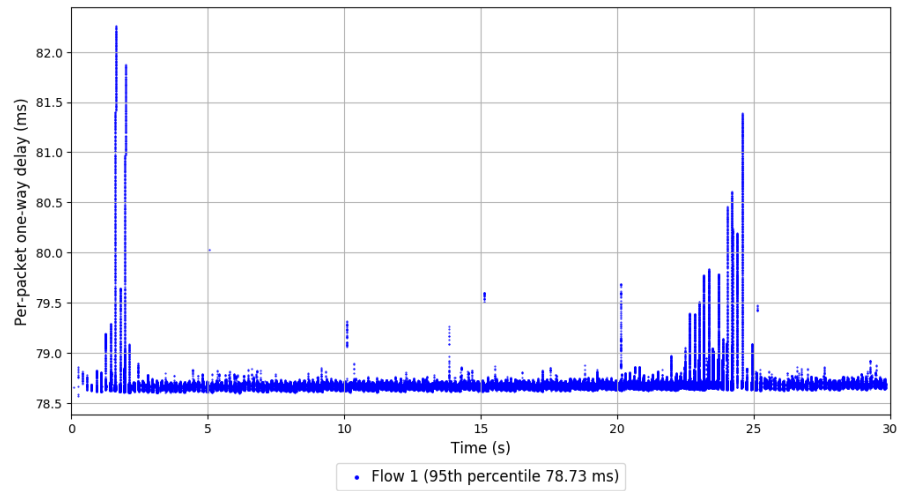
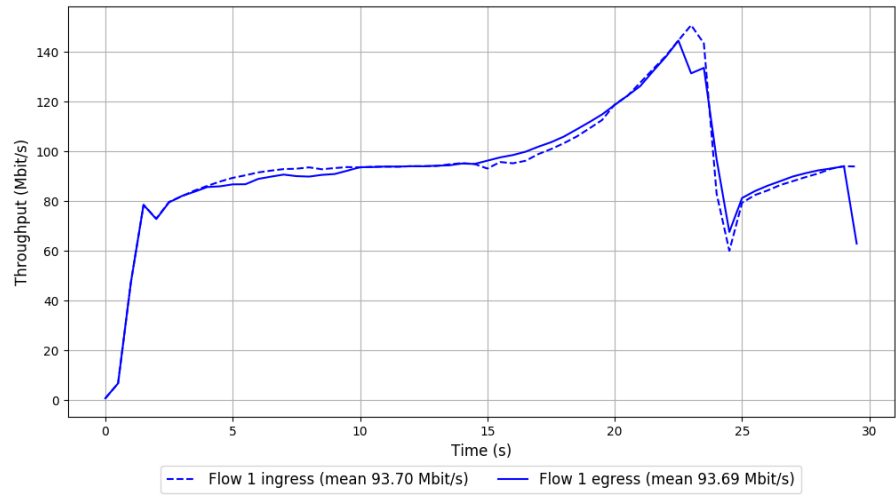
Average throughput: 93.69 Mbit/s

95th percentile per-packet one-way delay: 78.735 ms

Loss rate: 0.56%



### Run 7: Report of TCP Cubic — Data Link

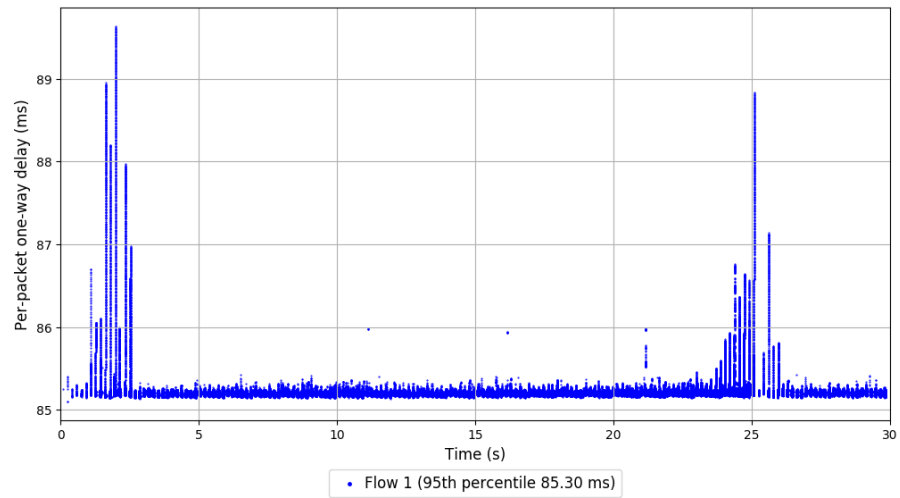
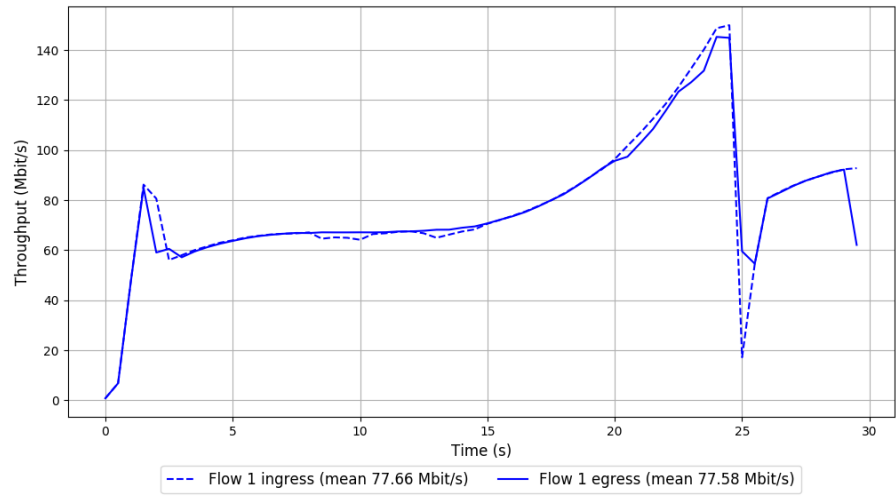


Run 8: Statistics of TCP Cubic

Start at: 2017-11-30 10:58:20  
End at: 2017-11-30 10:58:50  
Local clock offset: 0.965 ms  
Remote clock offset: -1.313 ms

# Below is generated by plot.py at 2017-11-30 14:46:50  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 77.58 Mbit/s  
95th percentile per-packet one-way delay: 85.298 ms  
Loss rate: 0.67%  
-- Flow 1:  
Average throughput: 77.58 Mbit/s  
95th percentile per-packet one-way delay: 85.298 ms  
Loss rate: 0.67%

## Run 8: Report of TCP Cubic — Data Link



Run 9: Statistics of TCP Cubic

Start at: 2017-11-30 11:16:17

End at: 2017-11-30 11:16:47

Local clock offset: 0.715 ms

Remote clock offset: -2.25 ms

# Below is generated by plot.py at 2017-11-30 14:46:52

# Datalink statistics

-- Total of 1 flow:

Average throughput: 77.45 Mbit/s

95th percentile per-packet one-way delay: 86.540 ms

Loss rate: 0.66%

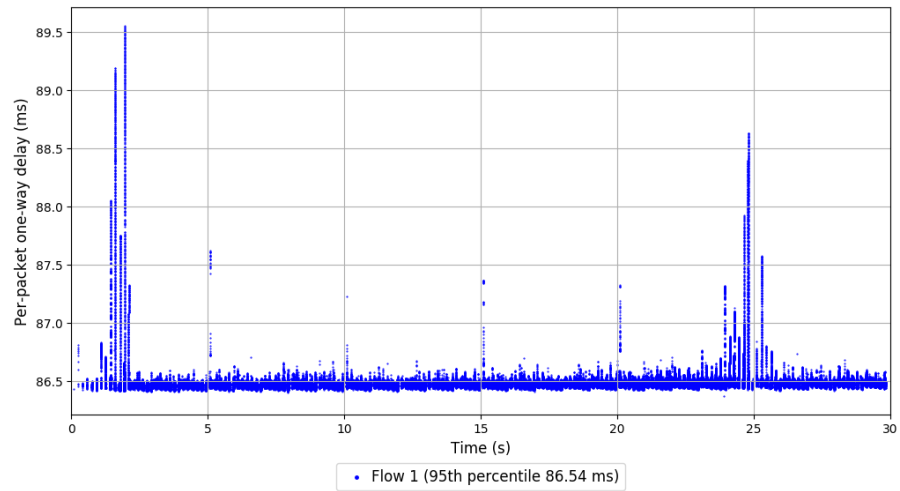
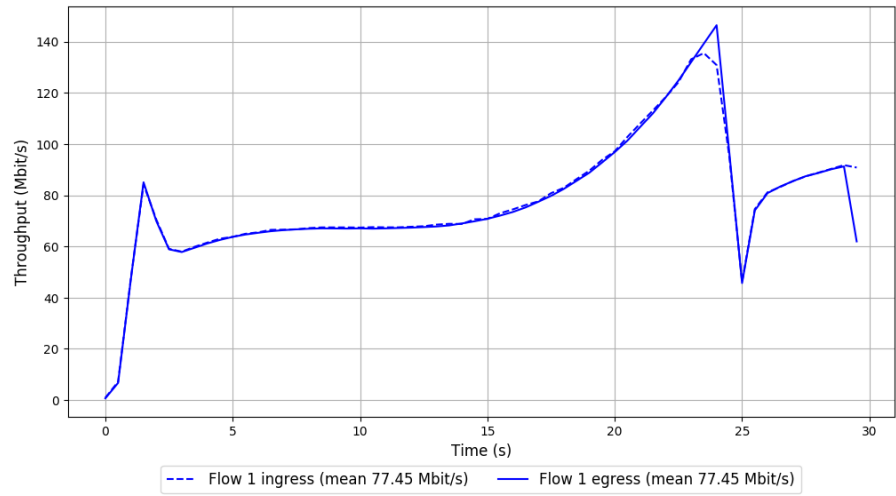
-- Flow 1:

Average throughput: 77.45 Mbit/s

95th percentile per-packet one-way delay: 86.540 ms

Loss rate: 0.66%

### Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2017-11-30 11:34:14

End at: 2017-11-30 11:34:44

Local clock offset: 0.475 ms

Remote clock offset: -0.74 ms

# Below is generated by plot.py at 2017-11-30 14:47:10

# Datalink statistics

-- Total of 1 flow:

Average throughput: 91.59 Mbit/s

95th percentile per-packet one-way delay: 87.284 ms

Loss rate: 0.57%

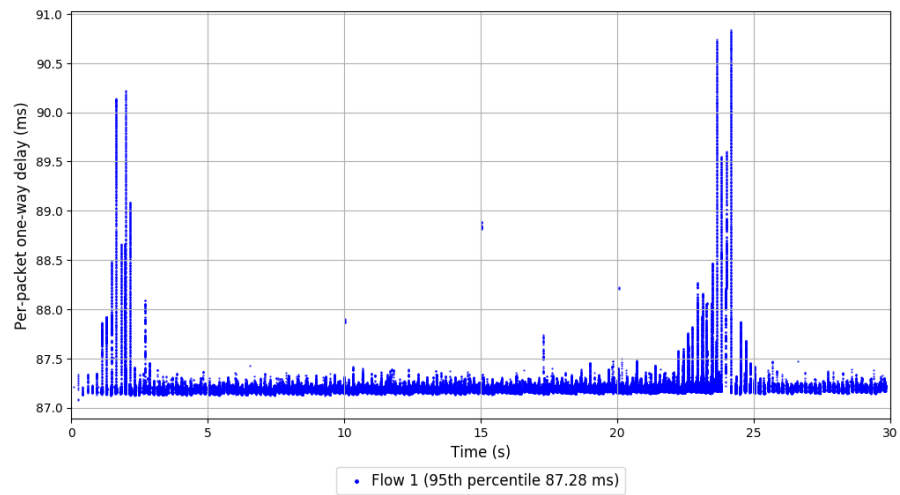
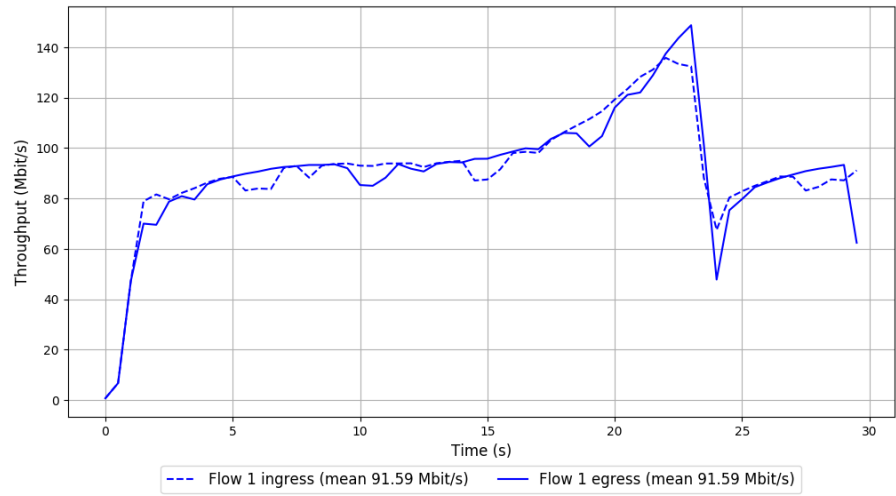
-- Flow 1:

Average throughput: 91.59 Mbit/s

95th percentile per-packet one-way delay: 87.284 ms

Loss rate: 0.57%

### Run 10: Report of TCP Cubic — Data Link



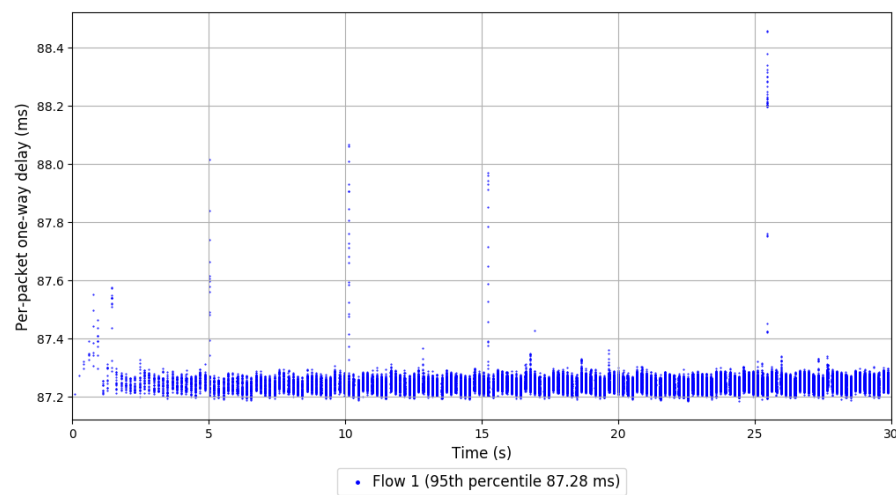
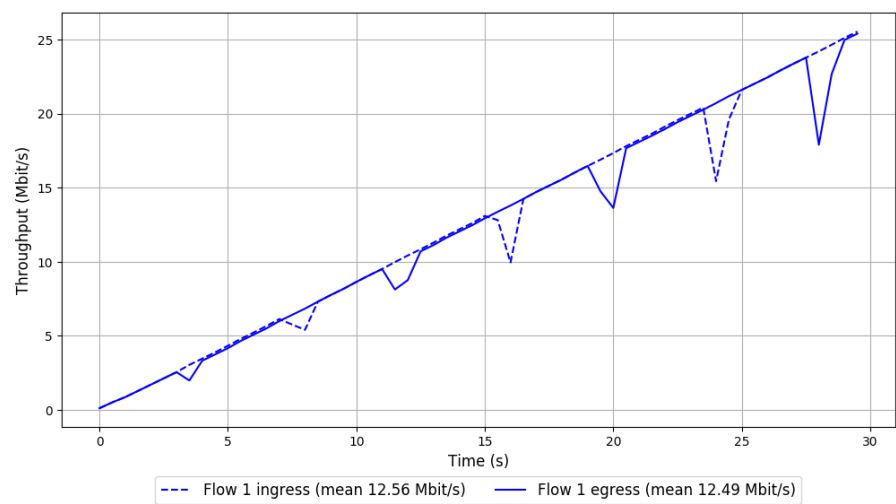
Run 1: Statistics of LEDBAT

Start at: 2017-11-30 08:57:41  
End at: 2017-11-30 08:58:11  
Local clock offset: 1.232 ms  
Remote clock offset: -8.197 ms

# Below is generated by plot.py at 2017-11-30 14:47:10  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 12.49 Mbit/s  
95th percentile per-packet one-way delay: 87.276 ms  
Loss rate: 1.14%  
-- Flow 1:  
Average throughput: 12.49 Mbit/s  
95th percentile per-packet one-way delay: 87.276 ms  
Loss rate: 1.14%



Run 1: Report of LEDBAT — Data Link

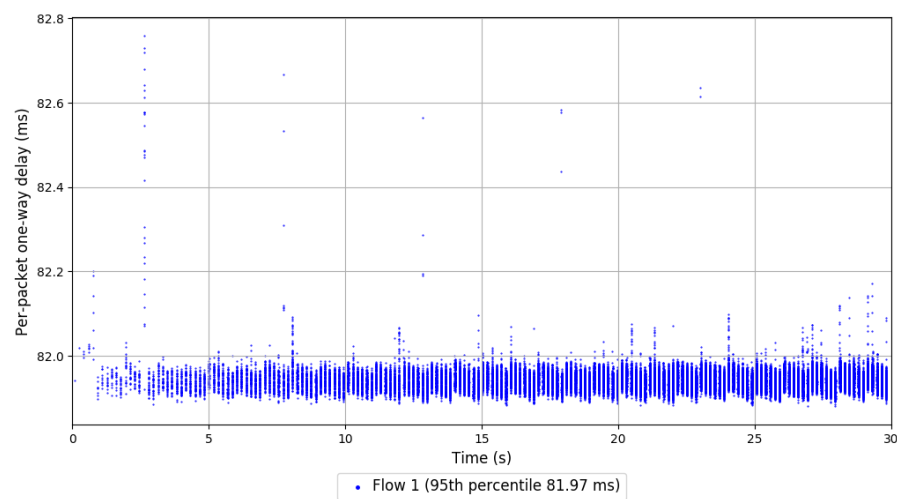
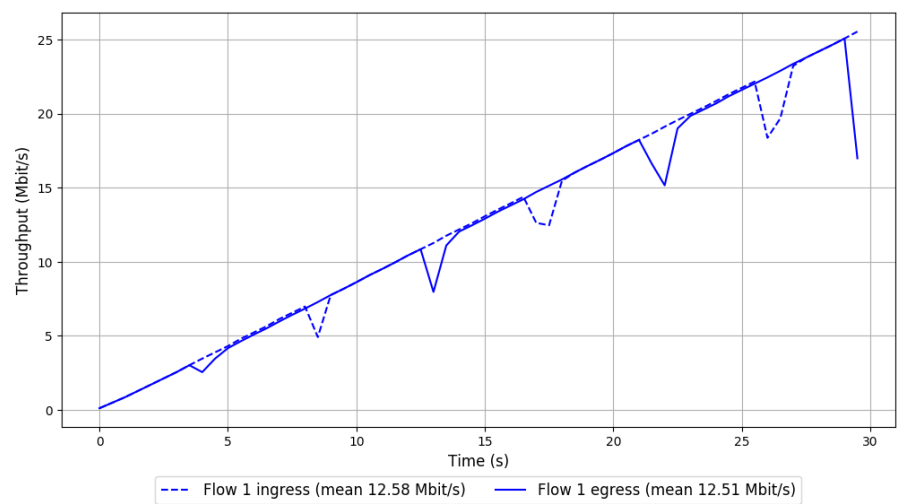


Run 2: Statistics of LEDBAT

Start at: 2017-11-30 09:15:34  
End at: 2017-11-30 09:16:05  
Local clock offset: 1.418 ms  
Remote clock offset: -2.577 ms

# Below is generated by plot.py at 2017-11-30 14:47:10  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 12.51 Mbit/s  
95th percentile per-packet one-way delay: 81.975 ms  
Loss rate: 1.14%  
-- Flow 1:  
Average throughput: 12.51 Mbit/s  
95th percentile per-packet one-way delay: 81.975 ms  
Loss rate: 1.14%

Run 2: Report of LEDBAT — Data Link

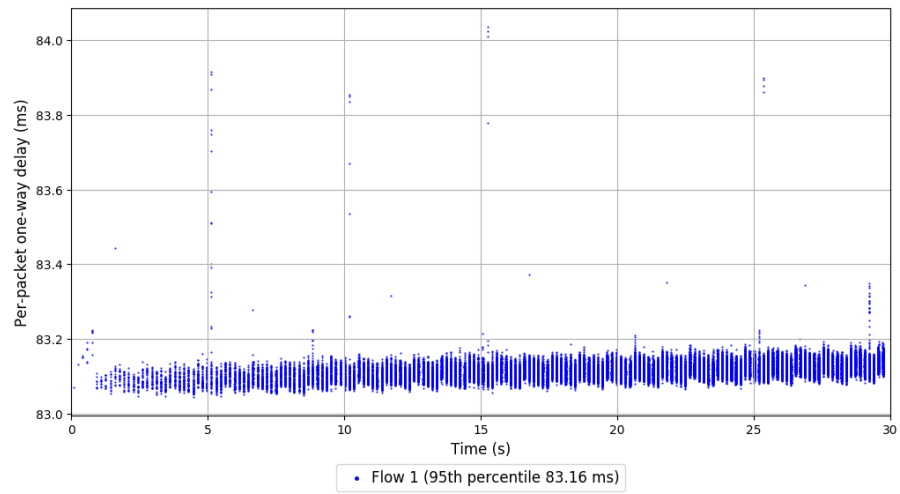
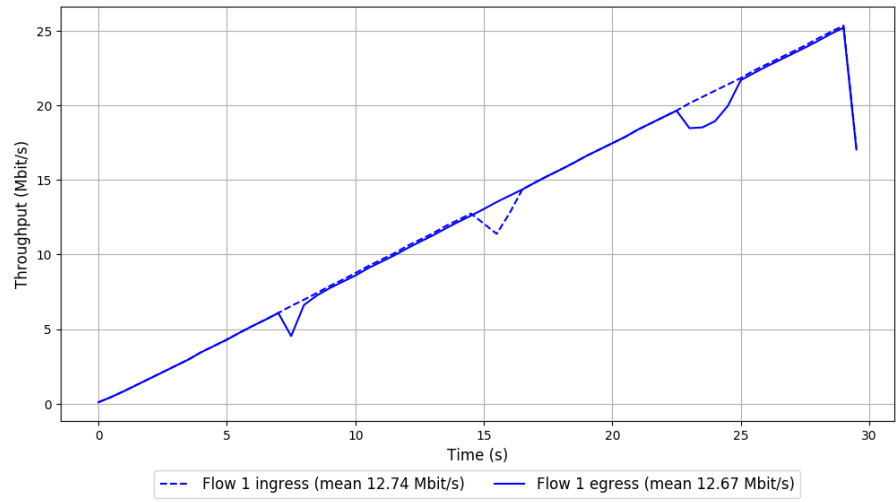


Run 3: Statistics of LEDBAT

Start at: 2017-11-30 09:33:29  
End at: 2017-11-30 09:33:59  
Local clock offset: 1.544 ms  
Remote clock offset: -2.478 ms

# Below is generated by plot.py at 2017-11-30 14:47:10  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 12.67 Mbit/s  
95th percentile per-packet one-way delay: 83.155 ms  
Loss rate: 1.13%  
-- Flow 1:  
Average throughput: 12.67 Mbit/s  
95th percentile per-packet one-way delay: 83.155 ms  
Loss rate: 1.13%

### Run 3: Report of LEDBAT — Data Link

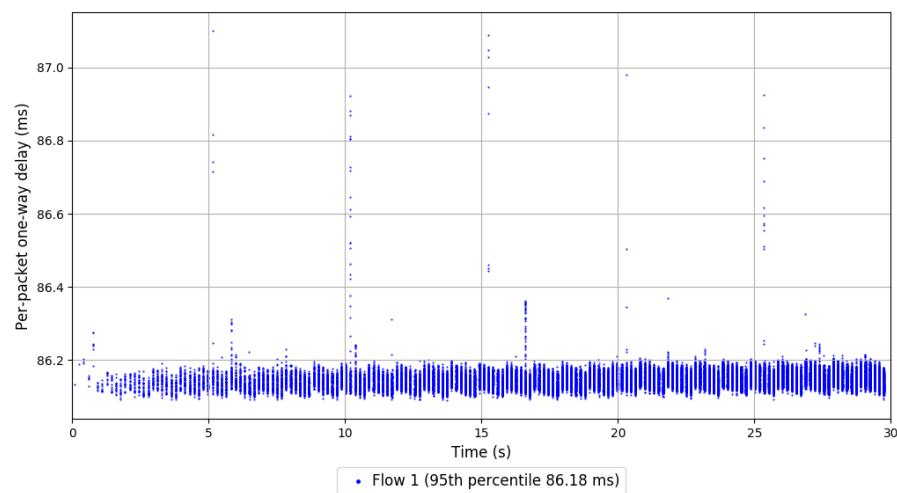
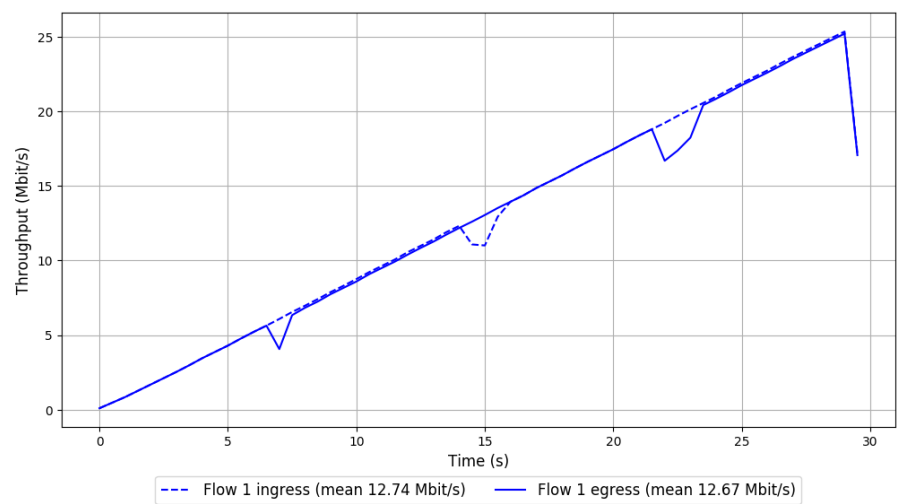


Run 4: Statistics of LEDBAT

Start at: 2017-11-30 09:51:26  
End at: 2017-11-30 09:51:56  
Local clock offset: 1.625 ms  
Remote clock offset: -5.522 ms

# Below is generated by plot.py at 2017-11-30 14:47:10  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 12.67 Mbit/s  
95th percentile per-packet one-way delay: 86.179 ms  
Loss rate: 1.13%  
-- Flow 1:  
Average throughput: 12.67 Mbit/s  
95th percentile per-packet one-way delay: 86.179 ms  
Loss rate: 1.13%

Run 4: Report of LEDBAT — Data Link



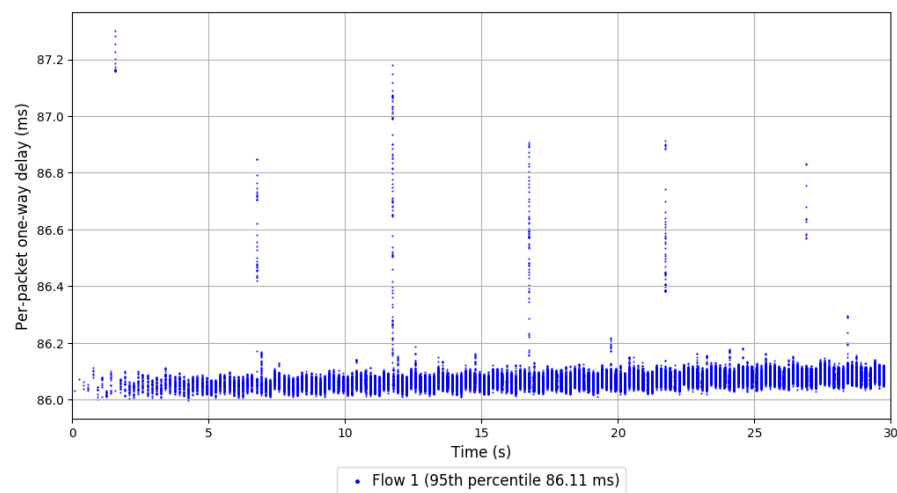
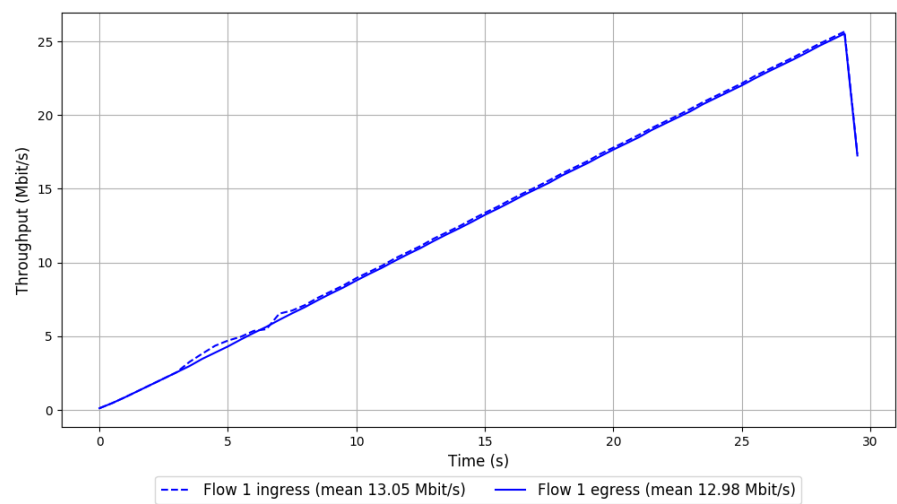
Run 5: Statistics of LEDBAT

Start at: 2017-11-30 10:09:22  
End at: 2017-11-30 10:09:52  
Local clock offset: 1.543 ms  
Remote clock offset: -5.023 ms

# Below is generated by plot.py at 2017-11-30 14:47:10  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 12.98 Mbit/s  
95th percentile per-packet one-way delay: 86.111 ms  
Loss rate: 1.12%  
-- Flow 1:  
Average throughput: 12.98 Mbit/s  
95th percentile per-packet one-way delay: 86.111 ms  
Loss rate: 1.12%



Run 5: Report of LEDBAT — Data Link



Run 6: Statistics of LEDBAT

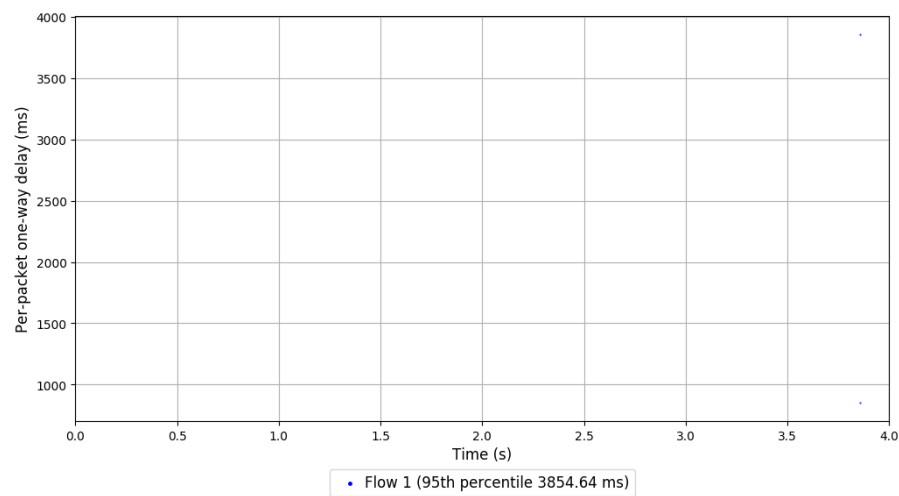
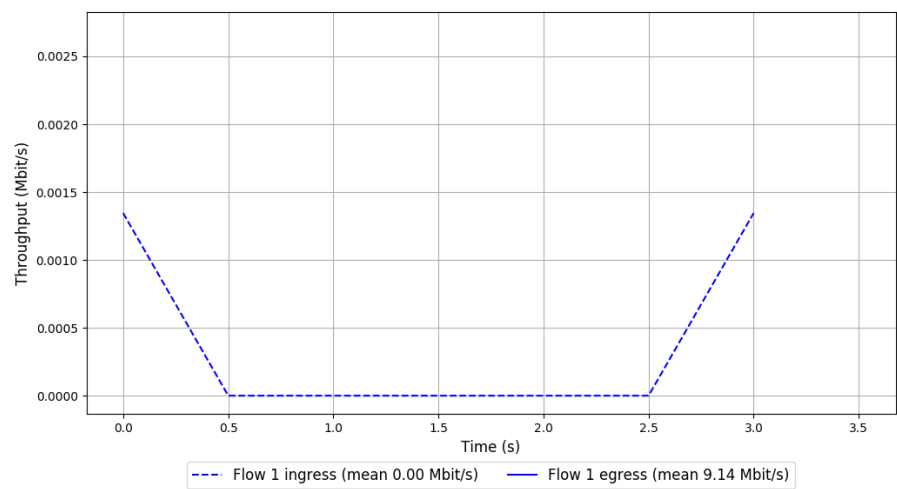
Start at: 2017-11-30 10:27:17

End at: 2017-11-30 10:27:47

Local clock offset: 1.435 ms

Remote clock offset: -3.31 ms

Run 6: Report of LEDBAT — Data Link

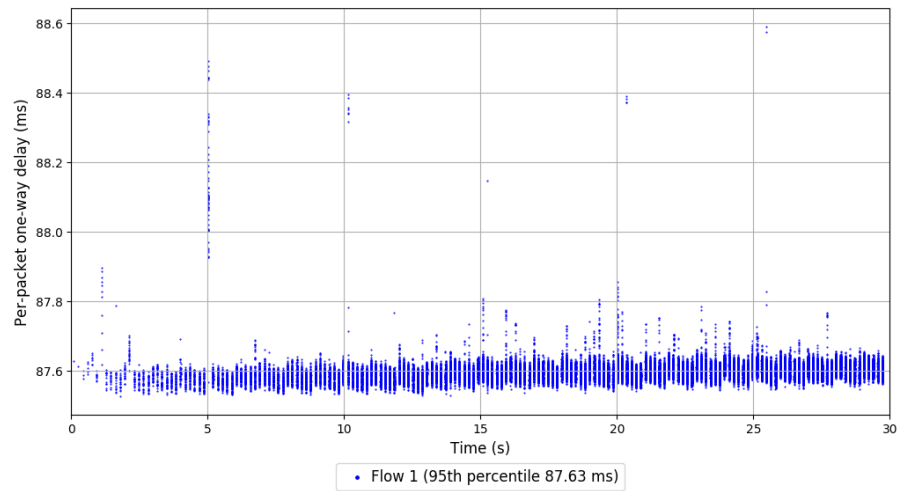
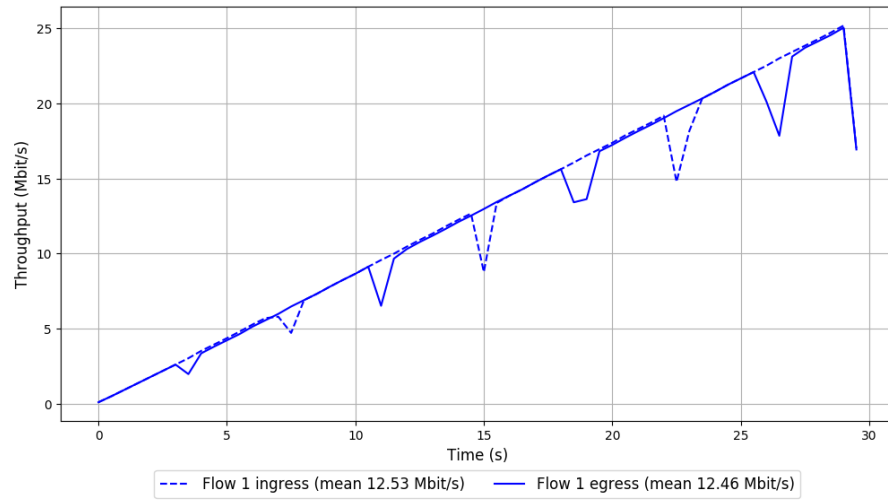


Run 7: Statistics of LEDBAT

Start at: 2017-11-30 10:45:34  
End at: 2017-11-30 10:46:04  
Local clock offset: 1.179 ms  
Remote clock offset: -2.165 ms

# Below is generated by plot.py at 2017-11-30 14:47:10  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 12.46 Mbit/s  
95th percentile per-packet one-way delay: 87.634 ms  
Loss rate: 1.14%  
-- Flow 1:  
Average throughput: 12.46 Mbit/s  
95th percentile per-packet one-way delay: 87.634 ms  
Loss rate: 1.14%

### Run 7: Report of LEDBAT — Data Link

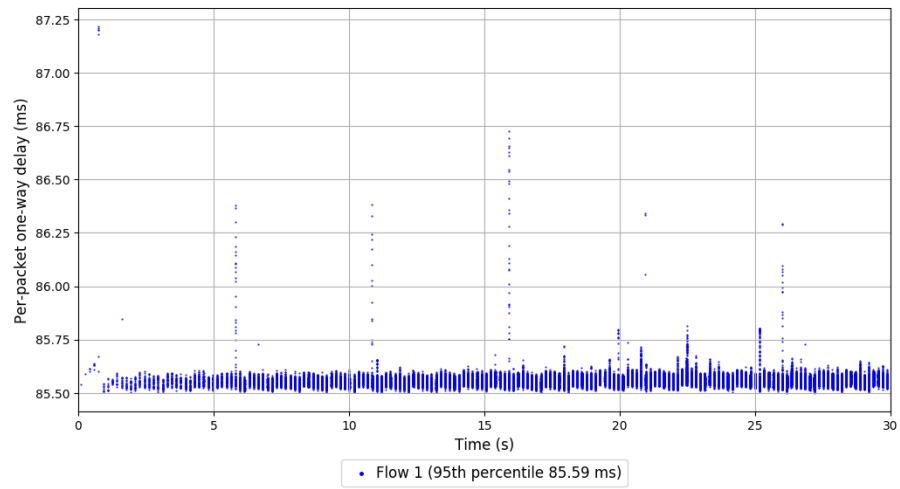
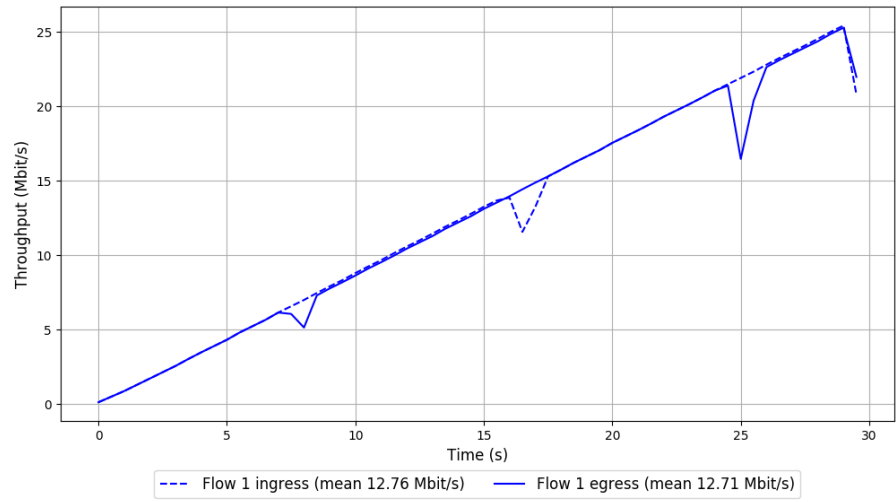


Run 8: Statistics of LEDBAT

Start at: 2017-11-30 11:03:28  
End at: 2017-11-30 11:03:58  
Local clock offset: 0.813 ms  
Remote clock offset: -2.156 ms

# Below is generated by plot.py at 2017-11-30 14:47:10  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 12.71 Mbit/s  
95th percentile per-packet one-way delay: 85.594 ms  
Loss rate: 0.96%  
-- Flow 1:  
Average throughput: 12.71 Mbit/s  
95th percentile per-packet one-way delay: 85.594 ms  
Loss rate: 0.96%

### Run 8: Report of LEDBAT — Data Link



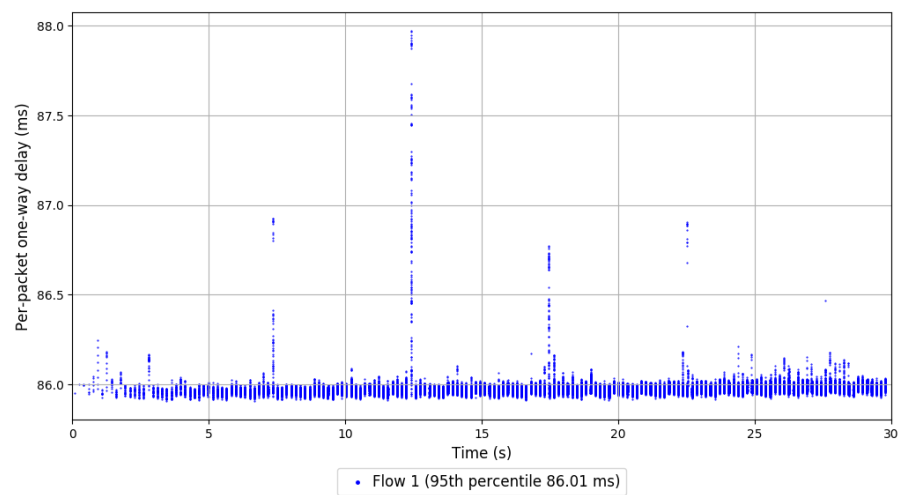
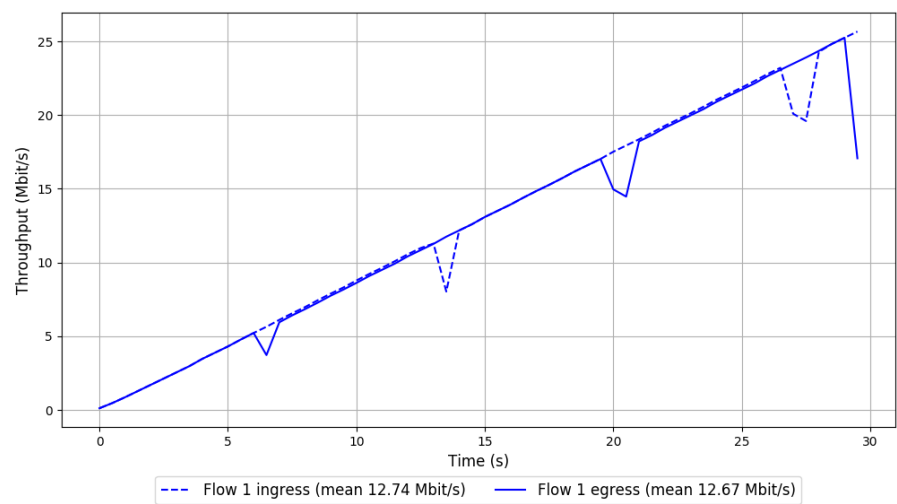
Run 9: Statistics of LEDBAT

Start at: 2017-11-30 11:21:27  
End at: 2017-11-30 11:21:57  
Local clock offset: 0.674 ms  
Remote clock offset: -1.623 ms

# Below is generated by plot.py at 2017-11-30 14:47:10  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 12.67 Mbit/s  
95th percentile per-packet one-way delay: 86.014 ms  
Loss rate: 1.13%  
-- Flow 1:  
Average throughput: 12.67 Mbit/s  
95th percentile per-packet one-way delay: 86.014 ms  
Loss rate: 1.13%



Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: 2017-11-30 11:39:23

End at: 2017-11-30 11:39:53

Local clock offset: 0.358 ms

Remote clock offset: -0.648 ms

# Below is generated by plot.py at 2017-11-30 14:47:10

# Datalink statistics

-- Total of 1 flow:

Average throughput: 12.72 Mbit/s

95th percentile per-packet one-way delay: 85.582 ms

Loss rate: 1.13%

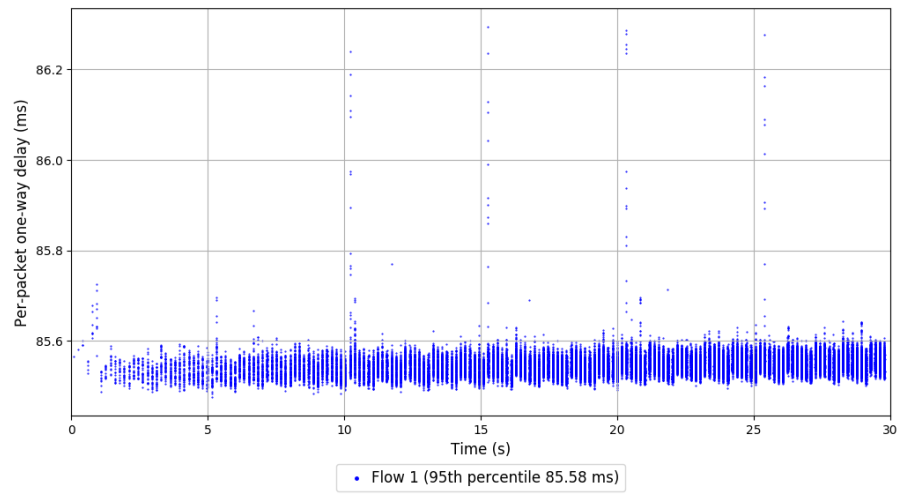
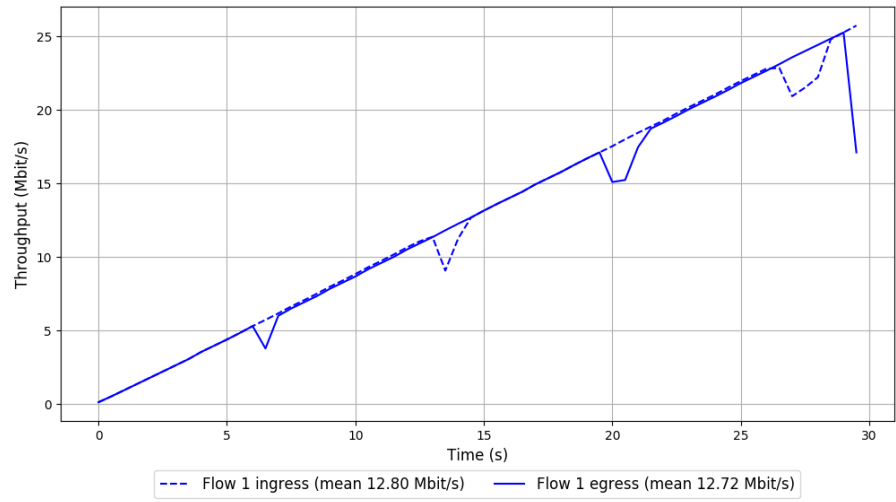
-- Flow 1:

Average throughput: 12.72 Mbit/s

95th percentile per-packet one-way delay: 85.582 ms

Loss rate: 1.13%

# Run 10: Report of LEDBAT — Data Link

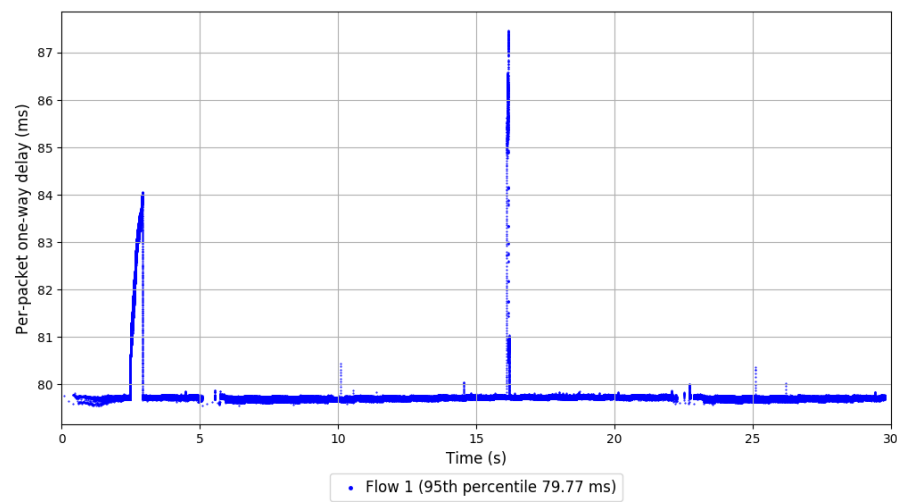
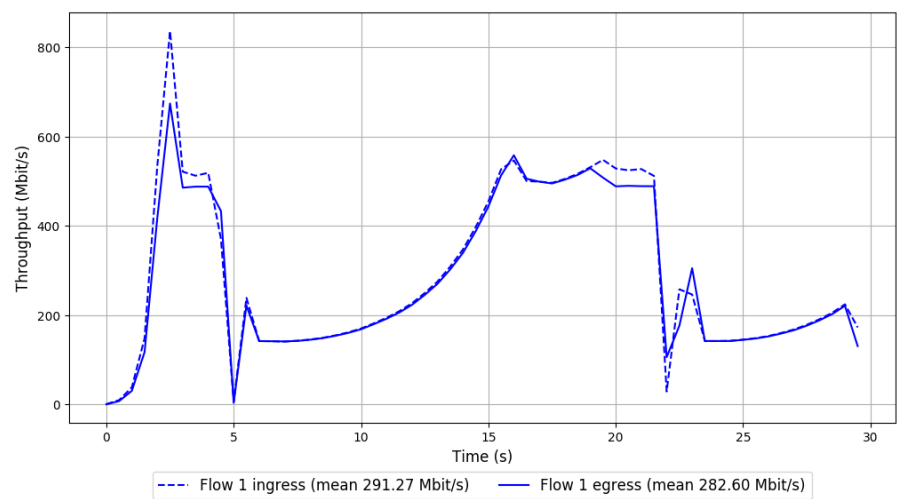


Run 1: Statistics of PCC

Start at: 2017-11-30 08:55:00  
End at: 2017-11-30 08:55:30  
Local clock offset: 1.209 ms  
Remote clock offset: -2.672 ms

# Below is generated by plot.py at 2017-11-30 14:50:23  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 282.60 Mbit/s  
95th percentile per-packet one-way delay: 79.771 ms  
Loss rate: 3.52%  
-- Flow 1:  
Average throughput: 282.60 Mbit/s  
95th percentile per-packet one-way delay: 79.771 ms  
Loss rate: 3.52%

Run 1: Report of PCC — Data Link

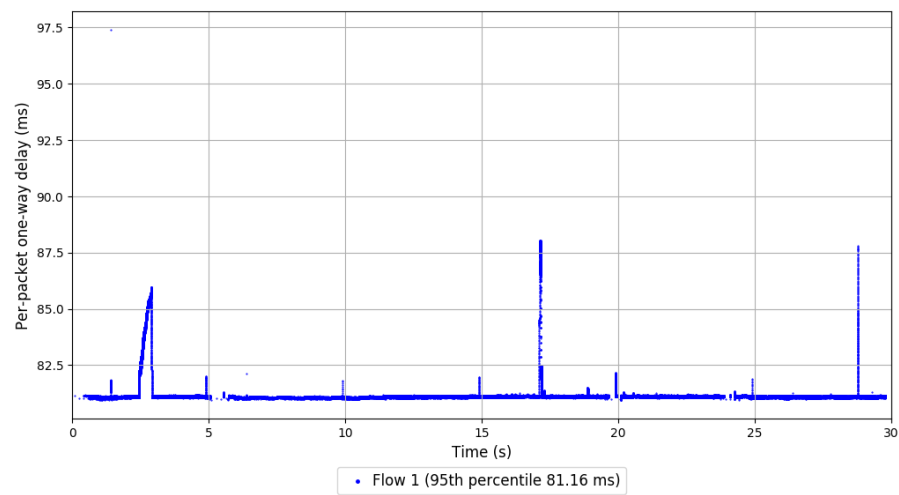
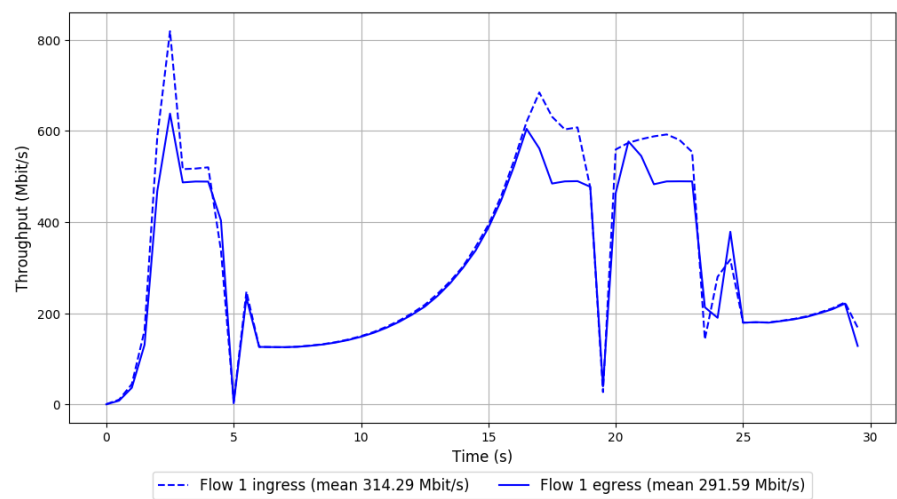


Run 2: Statistics of PCC

Start at: 2017-11-30 09:12:50  
End at: 2017-11-30 09:13:20  
Local clock offset: 1.389 ms  
Remote clock offset: -3.462 ms

# Below is generated by plot.py at 2017-11-30 14:50:47  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 291.59 Mbit/s  
95th percentile per-packet one-way delay: 81.155 ms  
Loss rate: 7.74%  
-- Flow 1:  
Average throughput: 291.59 Mbit/s  
95th percentile per-packet one-way delay: 81.155 ms  
Loss rate: 7.74%

Run 2: Report of PCC — Data Link



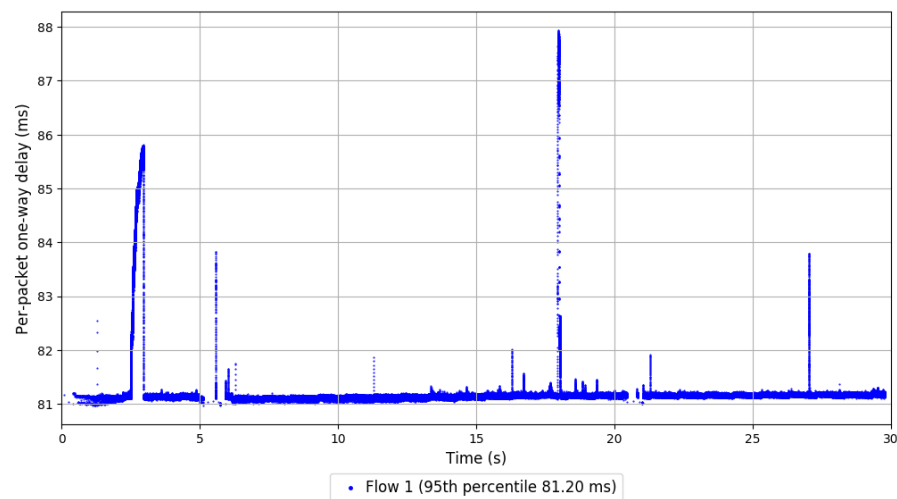
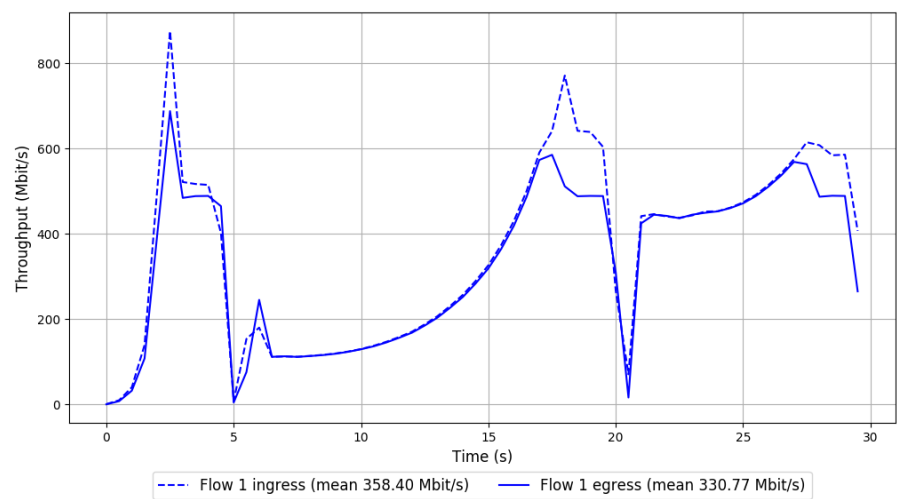
Run 3: Statistics of PCC

Start at: 2017-11-30 09:30:42  
End at: 2017-11-30 09:31:12  
Local clock offset: 1.499 ms  
Remote clock offset: -2.687 ms

# Below is generated by plot.py at 2017-11-30 14:51:25  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 330.77 Mbit/s  
95th percentile per-packet one-way delay: 81.202 ms  
Loss rate: 8.22%  
-- Flow 1:  
Average throughput: 330.77 Mbit/s  
95th percentile per-packet one-way delay: 81.202 ms  
Loss rate: 8.22%



Run 3: Report of PCC — Data Link



Run 4: Statistics of PCC

Start at: 2017-11-30 09:48:38

End at: 2017-11-30 09:49:08

Local clock offset: 1.591 ms

Remote clock offset: 0.077 ms

# Below is generated by plot.py at 2017-11-30 14:51:25

# Datalink statistics

-- Total of 1 flow:

Average throughput: 300.05 Mbit/s

95th percentile per-packet one-way delay: 78.334 ms

Loss rate: 4.89%

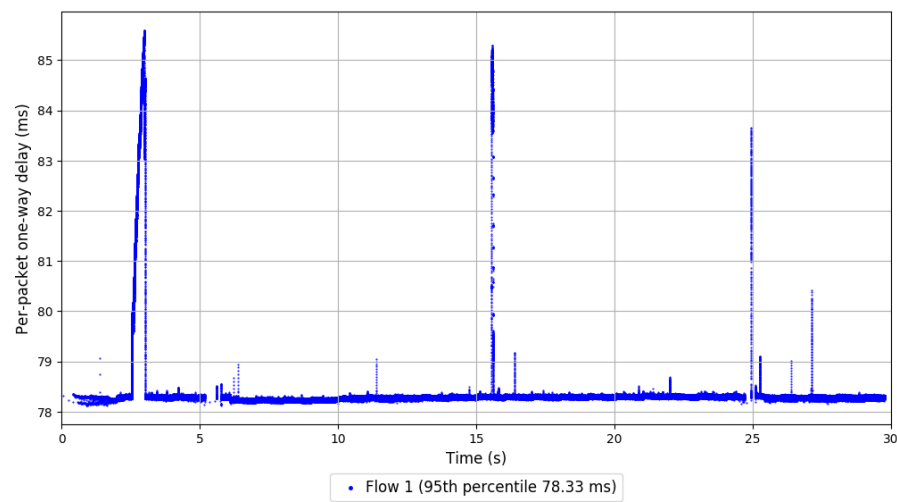
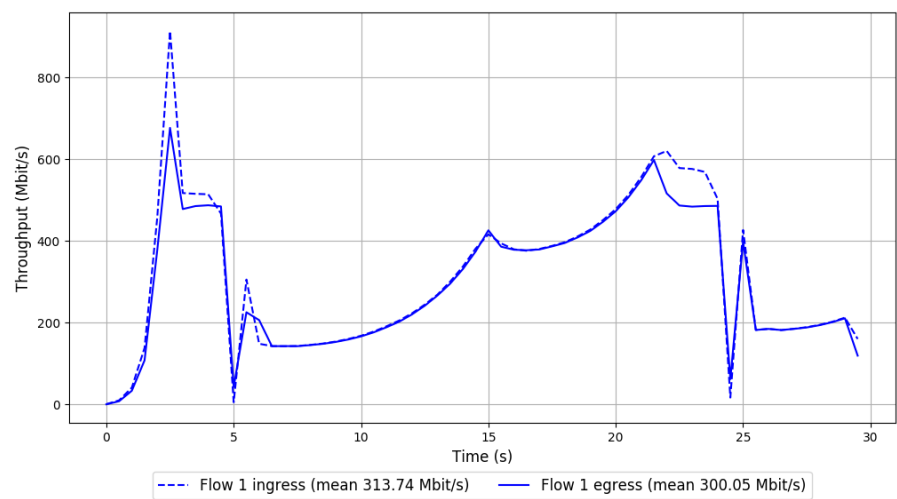
-- Flow 1:

Average throughput: 300.05 Mbit/s

95th percentile per-packet one-way delay: 78.334 ms

Loss rate: 4.89%

Run 4: Report of PCC — Data Link

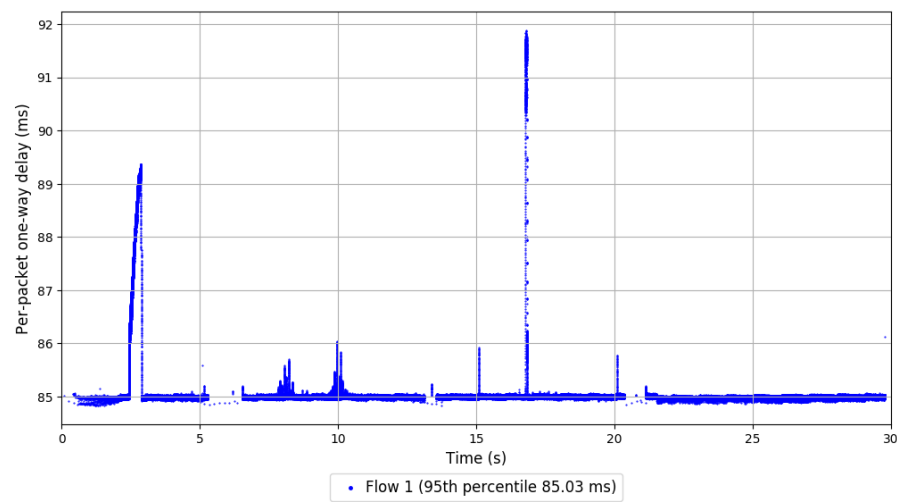
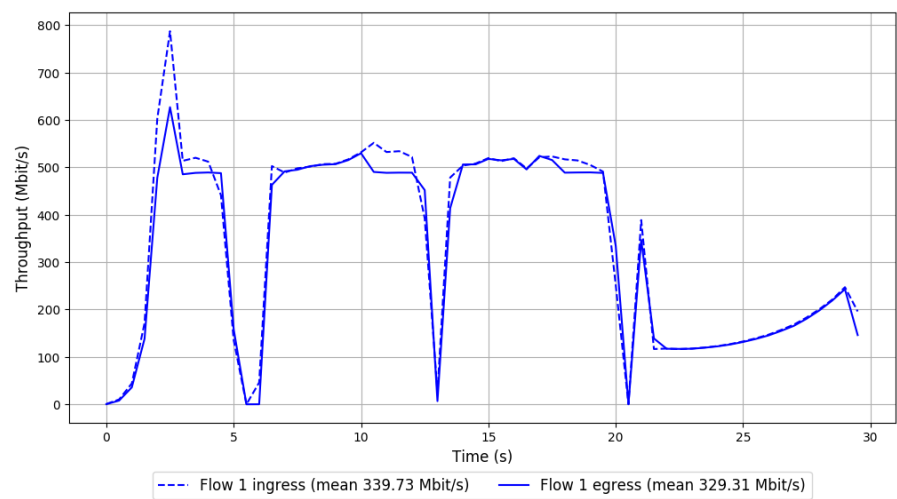


Run 5: Statistics of PCC

Start at: 2017-11-30 10:06:36  
End at: 2017-11-30 10:07:06  
Local clock offset: 1.565 ms  
Remote clock offset: -5.589 ms

# Below is generated by plot.py at 2017-11-30 14:51:25  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 329.31 Mbit/s  
95th percentile per-packet one-way delay: 85.028 ms  
Loss rate: 3.60%  
-- Flow 1:  
Average throughput: 329.31 Mbit/s  
95th percentile per-packet one-way delay: 85.028 ms  
Loss rate: 3.60%

Run 5: Report of PCC — Data Link



Run 6: Statistics of PCC

Start at: 2017-11-30 10:24:35

End at: 2017-11-30 10:25:05

Local clock offset: 1.454 ms

Remote clock offset: 1.371 ms

# Below is generated by plot.py at 2017-11-30 14:51:25

# Datalink statistics

-- Total of 1 flow:

Average throughput: 273.72 Mbit/s

95th percentile per-packet one-way delay: 80.874 ms

Loss rate: 3.39%

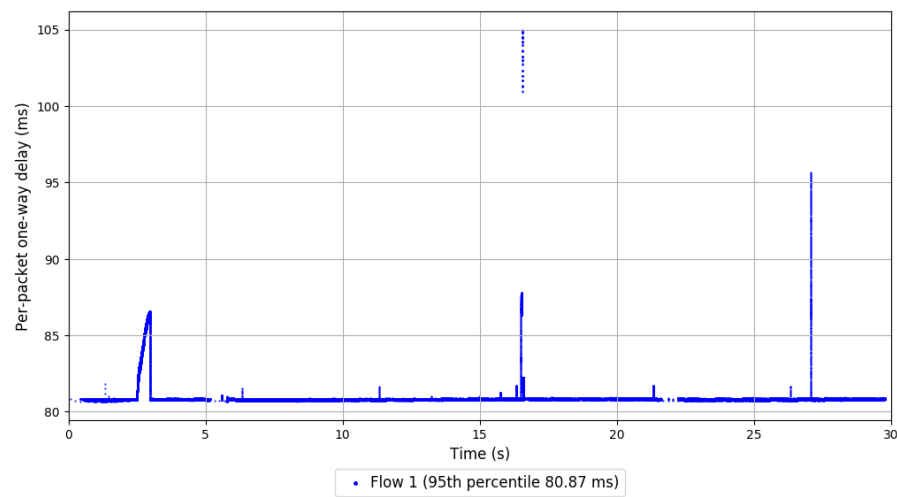
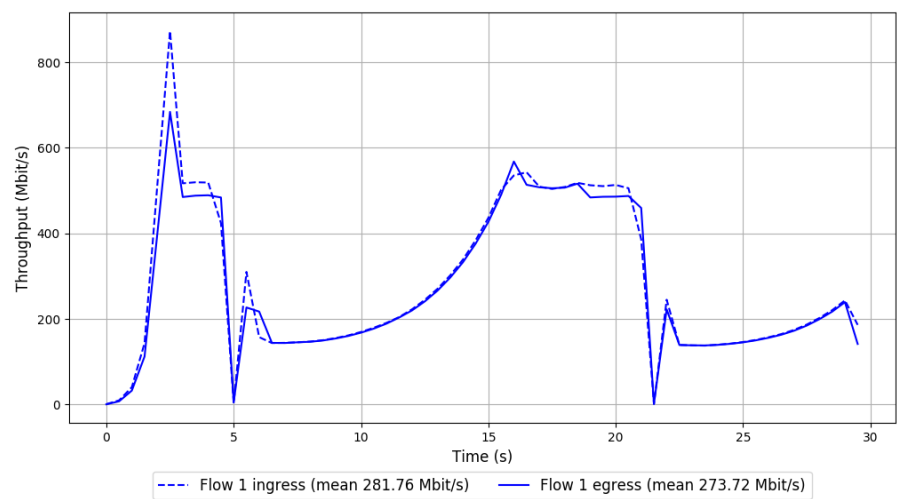
-- Flow 1:

Average throughput: 273.72 Mbit/s

95th percentile per-packet one-way delay: 80.874 ms

Loss rate: 3.39%

Run 6: Report of PCC — Data Link



Run 7: Statistics of PCC

Start at: 2017-11-30 10:42:26

End at: 2017-11-30 10:42:56

Local clock offset: 1.241 ms

Remote clock offset: 3.552 ms

# Below is generated by plot.py at 2017-11-30 14:51:57

# Datalink statistics

-- Total of 1 flow:

Average throughput: 349.22 Mbit/s

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

Loss rate: 9.35%

-- Flow 1:

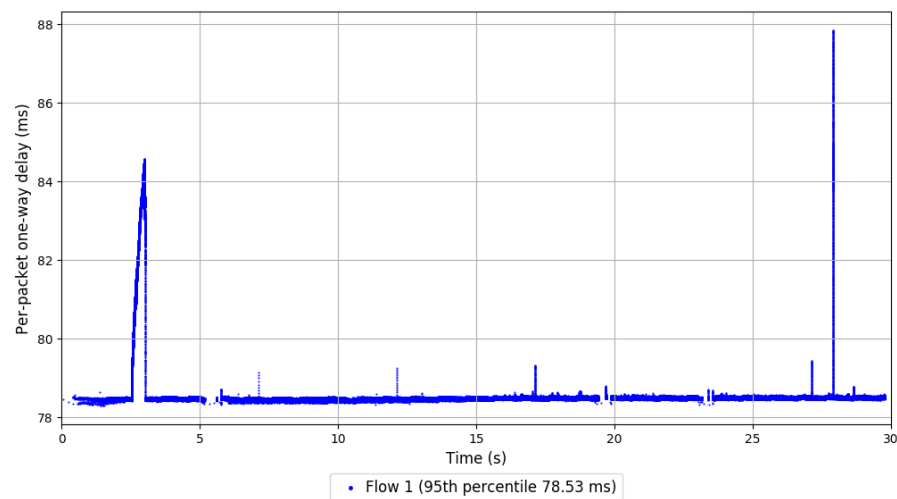
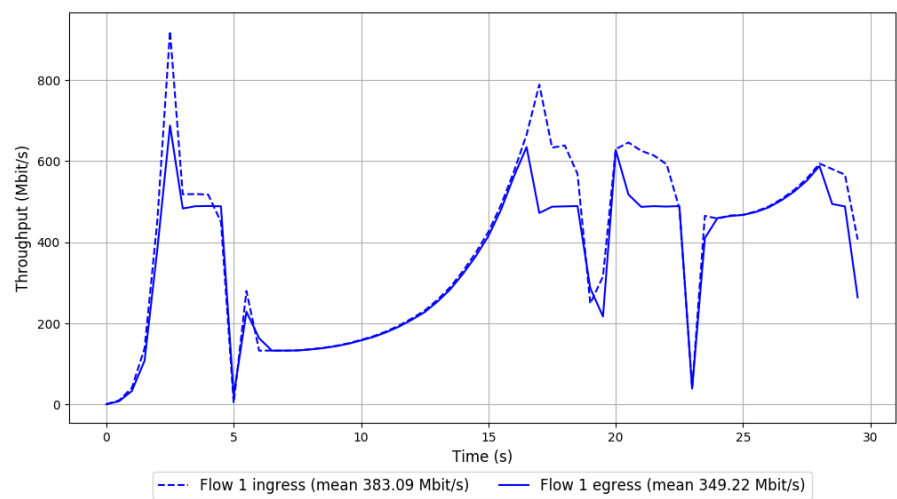
Average throughput: 349.22 Mbit/s

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

Loss rate: 9.35%



Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

Start at: 2017-11-30 11:00:44

End at: 2017-11-30 11:01:14

Local clock offset: 0.954 ms

Remote clock offset: 3.516 ms

# Below is generated by plot.py at 2017-11-30 14:51:57

# Datalink statistics

-- Total of 1 flow:

Average throughput: 303.21 Mbit/s

95th percentile per-packet one-way delay: 80.012 ms

Loss rate: 5.69%

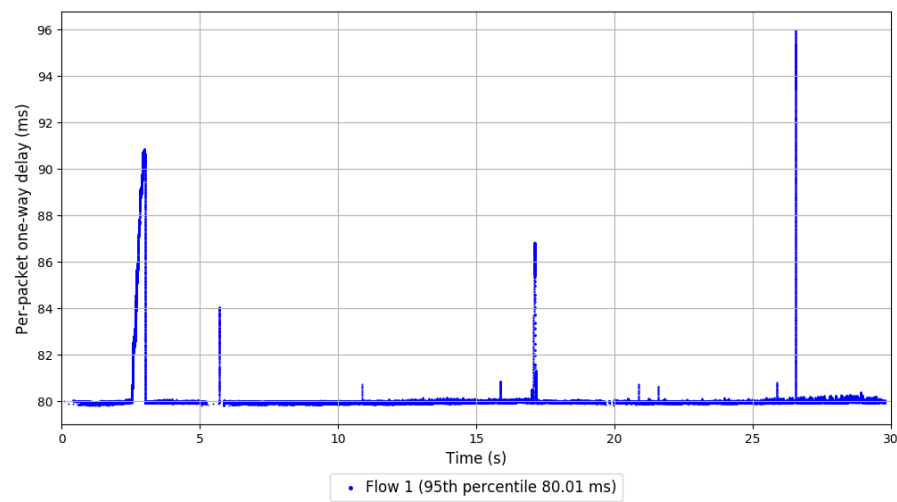
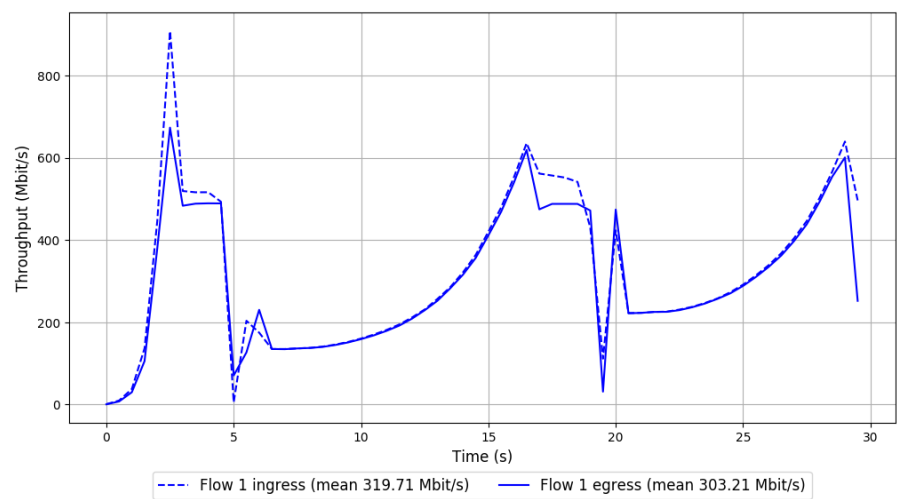
-- Flow 1:

Average throughput: 303.21 Mbit/s

95th percentile per-packet one-way delay: 80.012 ms

Loss rate: 5.69%

Run 8: Report of PCC — Data Link



Run 9: Statistics of PCC

Start at: 2017-11-30 11:18:41

End at: 2017-11-30 11:19:11

Local clock offset: 0.698 ms

Remote clock offset: 3.039 ms

# Below is generated by plot.py at 2017-11-30 14:55:34

# Datalink statistics

-- Total of 1 flow:

Average throughput: 354.01 Mbit/s

95th percentile per-packet one-way delay: 81.325 ms

Loss rate: 5.21%

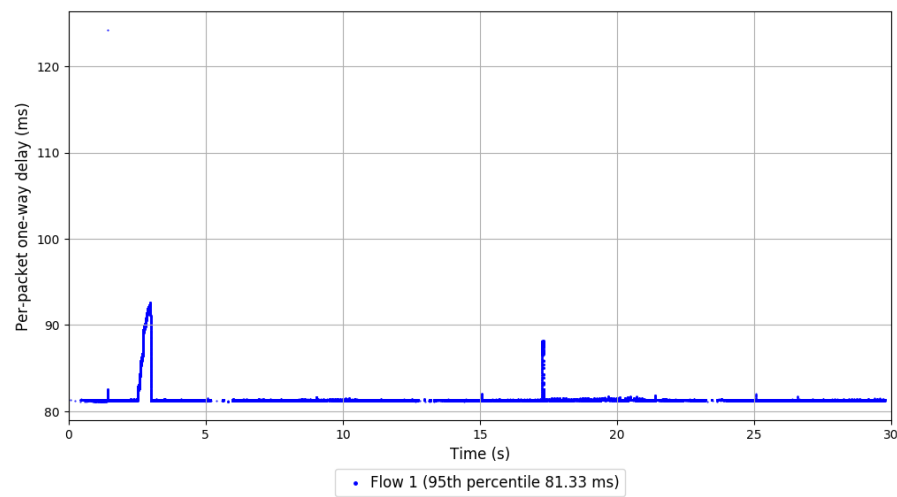
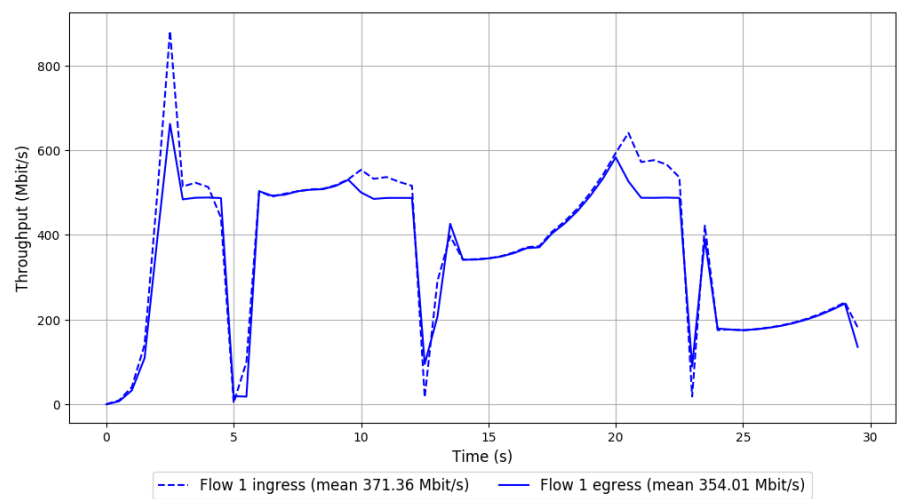
-- Flow 1:

Average throughput: 354.01 Mbit/s

95th percentile per-packet one-way delay: 81.325 ms

Loss rate: 5.21%

Run 9: Report of PCC — Data Link



Run 10: Statistics of PCC

Start at: 2017-11-30 11:36:38

End at: 2017-11-30 11:37:08

Local clock offset: 0.398 ms

Remote clock offset: 3.78 ms

# Below is generated by plot.py at 2017-11-30 14:55:34

# Datalink statistics

-- Total of 1 flow:

Average throughput: 326.19 Mbit/s

95th percentile per-packet one-way delay: 81.175 ms

Loss rate: 6.12%

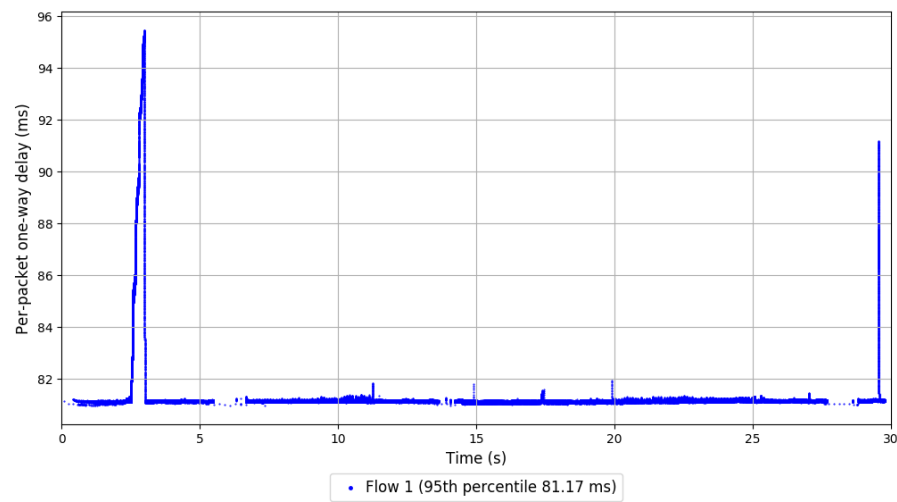
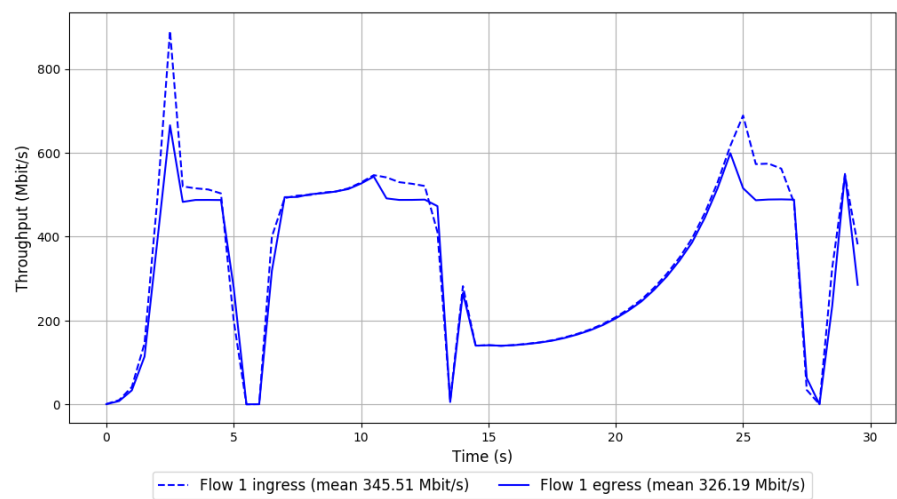
-- Flow 1:

Average throughput: 326.19 Mbit/s

95th percentile per-packet one-way delay: 81.175 ms

Loss rate: 6.12%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2017-11-30 08:50:09

End at: 2017-11-30 08:50:39

Local clock offset: 1.229 ms

Remote clock offset: -9.13 ms

# Below is generated by plot.py at 2017-11-30 14:55:34

# Datalink statistics

-- Total of 1 flow:

Average throughput: 57.67 Mbit/s

95th percentile per-packet one-way delay: 87.847 ms

Loss rate: 0.75%

-- Flow 1:

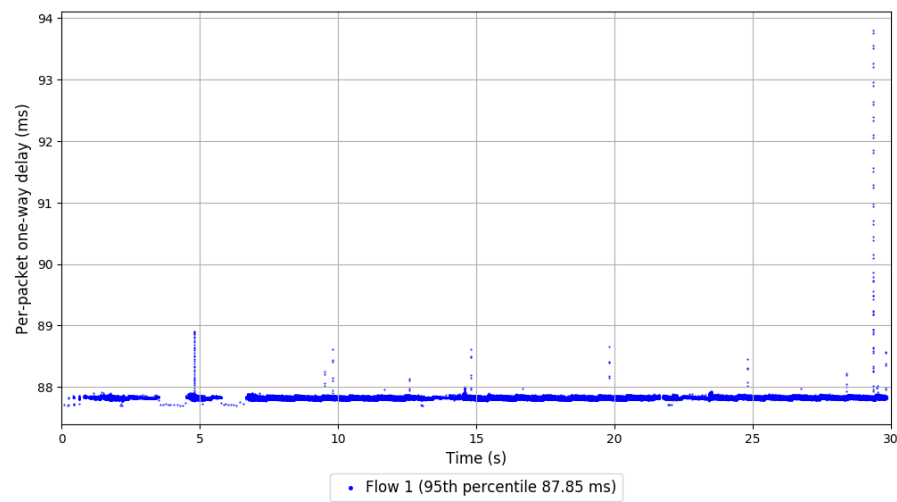
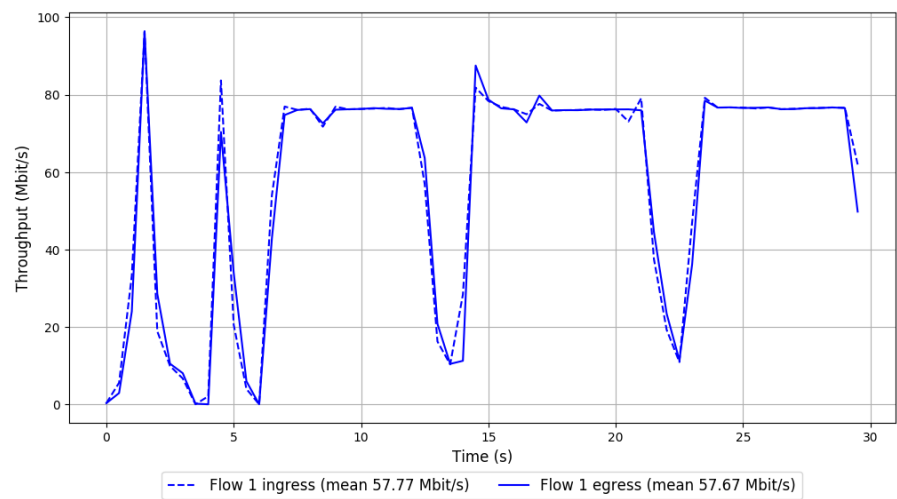
Average throughput: 57.67 Mbit/s

95th percentile per-packet one-way delay: 87.847 ms

Loss rate: 0.75%



Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2017-11-30 09:08:00

End at: 2017-11-30 09:08:30

Local clock offset: 1.31 ms

Remote clock offset: -2.892 ms

# Below is generated by plot.py at 2017-11-30 14:55:34

# Datalink statistics

-- Total of 1 flow:

Average throughput: 52.50 Mbit/s

95th percentile per-packet one-way delay: 78.638 ms

Loss rate: 0.85%

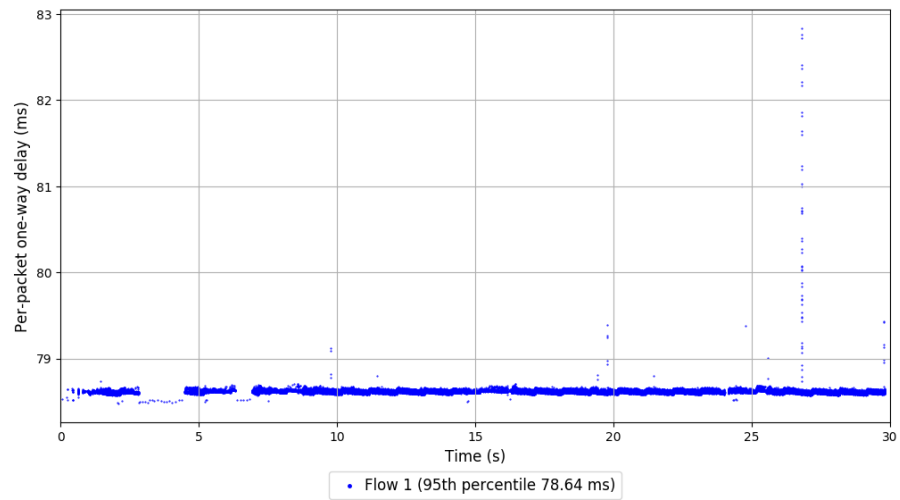
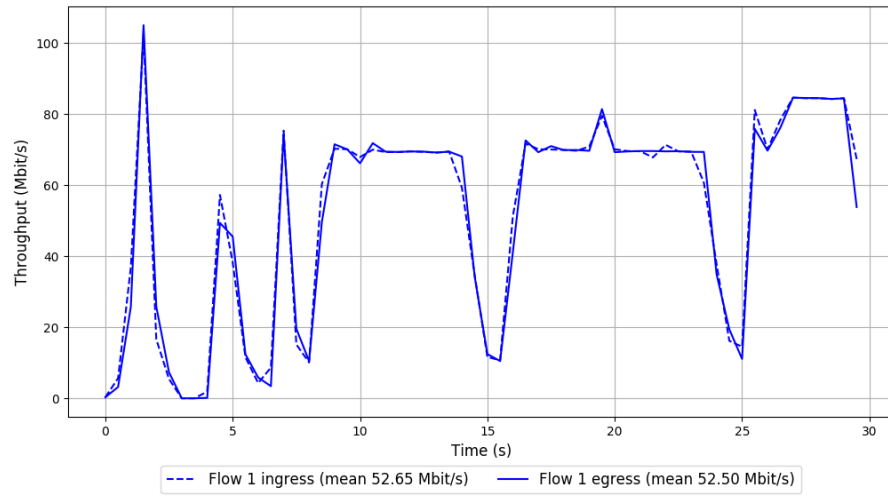
-- Flow 1:

Average throughput: 52.50 Mbit/s

95th percentile per-packet one-way delay: 78.638 ms

Loss rate: 0.85%

## Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2017-11-30 09:25:51

End at: 2017-11-30 09:26:21

Local clock offset: 1.484 ms

Remote clock offset: -3.18 ms

# Below is generated by plot.py at 2017-11-30 14:55:34

# Datalink statistics

-- Total of 1 flow:

Average throughput: 68.12 Mbit/s

95th percentile per-packet one-way delay: 83.338 ms

Loss rate: 0.83%

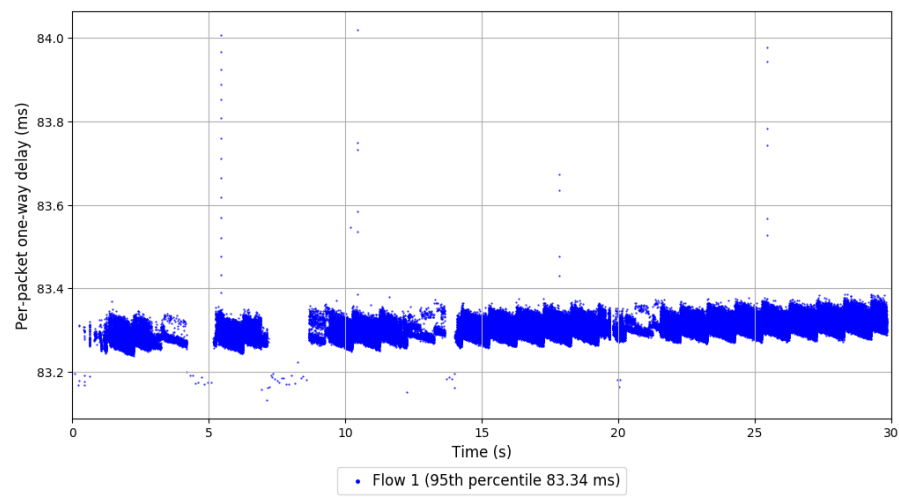
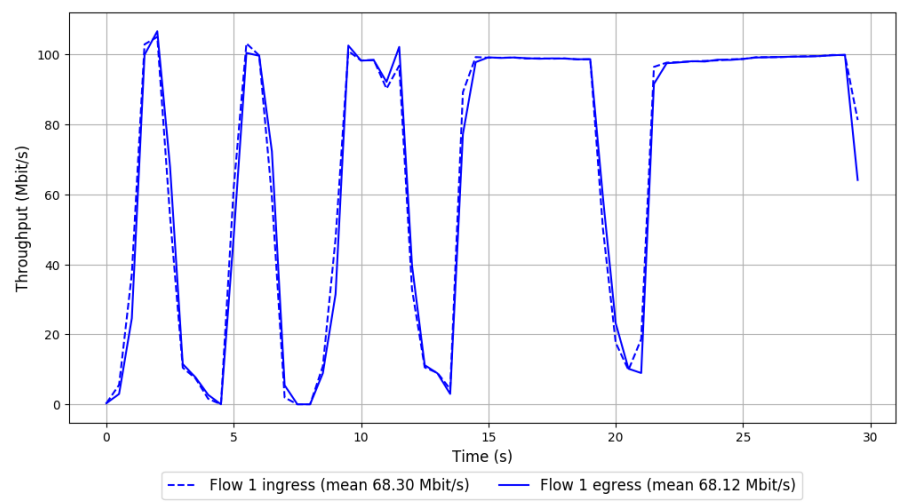
-- Flow 1:

Average throughput: 68.12 Mbit/s

95th percentile per-packet one-way delay: 83.338 ms

Loss rate: 0.83%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2017-11-30 09:43:46

End at: 2017-11-30 09:44:16

Local clock offset: 1.534 ms

Remote clock offset: -0.13 ms

# Below is generated by plot.py at 2017-11-30 14:55:34

# Datalink statistics

-- Total of 1 flow:

Average throughput: 65.75 Mbit/s

95th percentile per-packet one-way delay: 78.628 ms

Loss rate: 0.83%

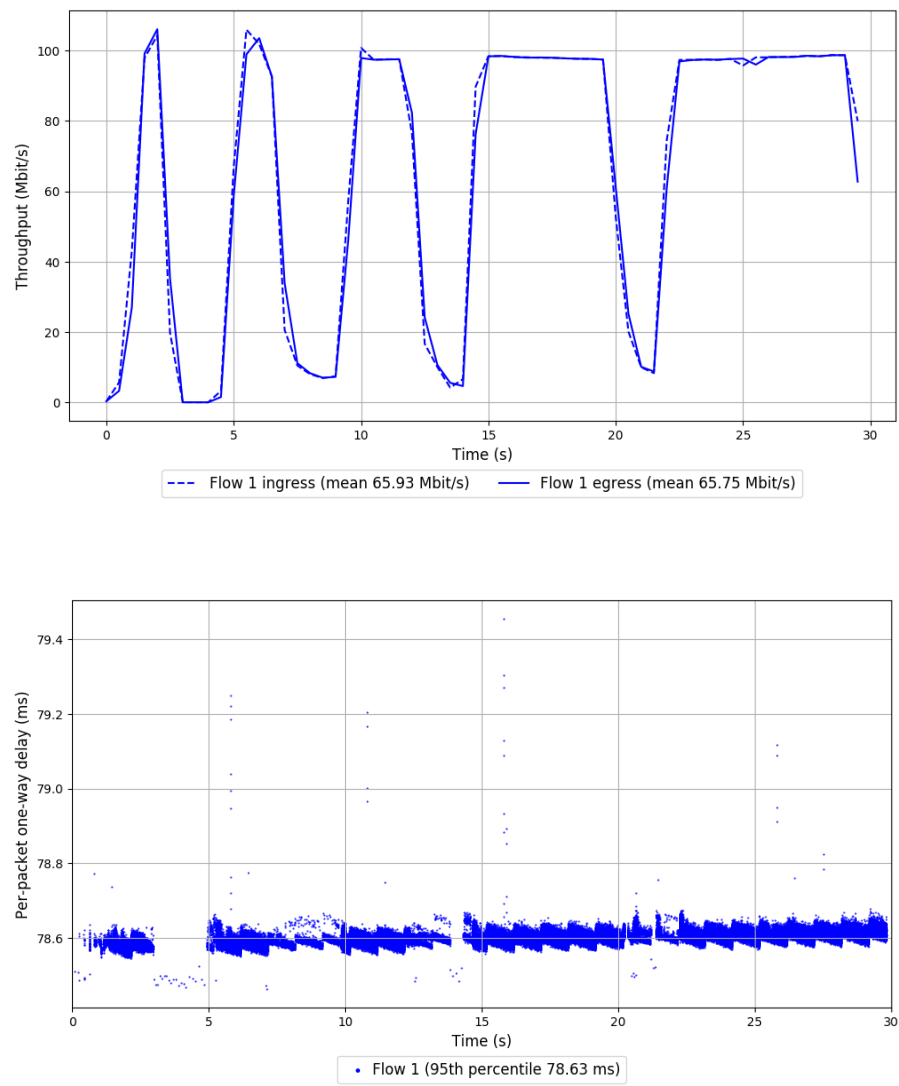
-- Flow 1:

Average throughput: 65.75 Mbit/s

95th percentile per-packet one-way delay: 78.628 ms

Loss rate: 0.83%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2017-11-30 10:01:44

End at: 2017-11-30 10:02:14

Local clock offset: 1.614 ms

Remote clock offset: -0.957 ms

# Below is generated by plot.py at 2017-11-30 14:55:34

# Datalink statistics

-- Total of 1 flow:

Average throughput: 72.11 Mbit/s

95th percentile per-packet one-way delay: 83.431 ms

Loss rate: 0.83%

-- Flow 1:

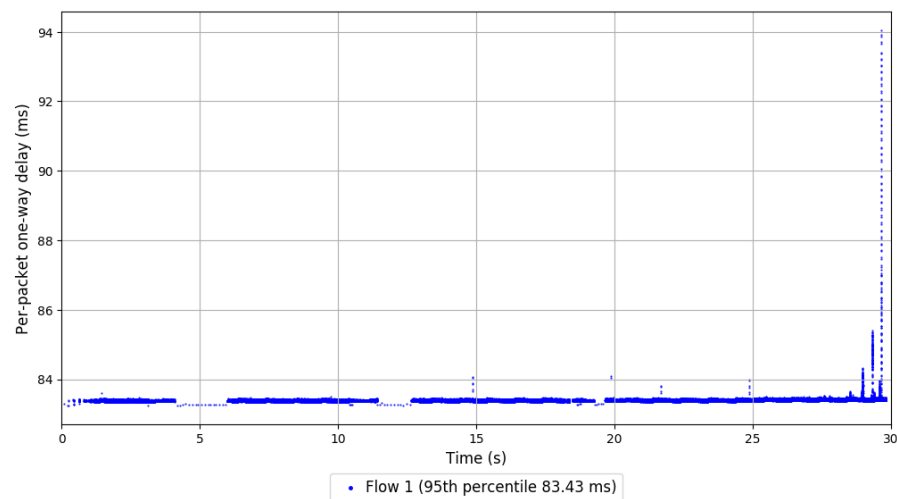
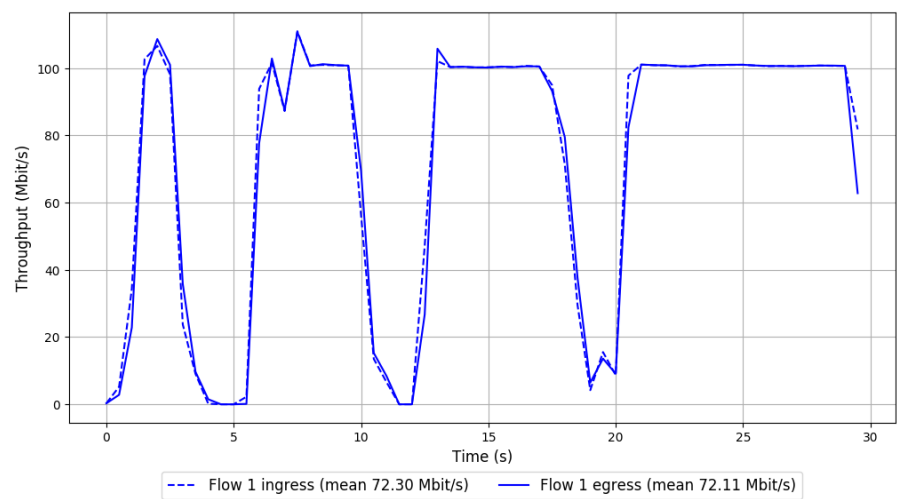
Average throughput: 72.11 Mbit/s

95th percentile per-packet one-way delay: 83.431 ms

Loss rate: 0.83%



Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2017-11-30 10:19:45

End at: 2017-11-30 10:20:15

Local clock offset: 1.478 ms

Remote clock offset: -4.601 ms

# Below is generated by plot.py at 2017-11-30 14:55:34

# Datalink statistics

-- Total of 1 flow:

Average throughput: 65.46 Mbit/s

95th percentile per-packet one-way delay: 88.419 ms

Loss rate: 0.84%

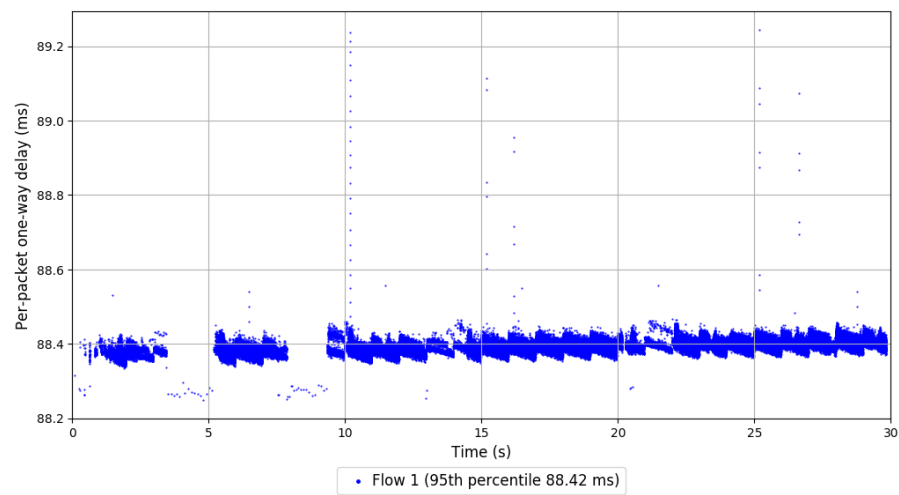
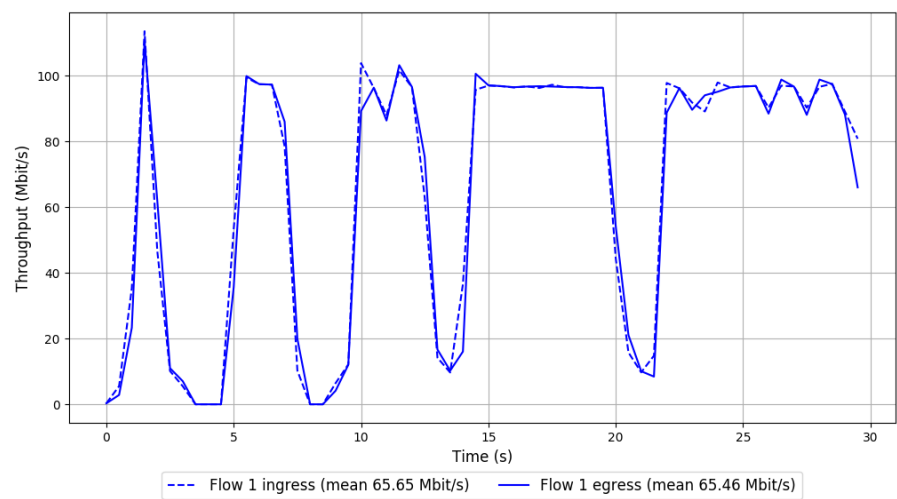
-- Flow 1:

Average throughput: 65.46 Mbit/s

95th percentile per-packet one-way delay: 88.419 ms

Loss rate: 0.84%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: 2017-11-30 10:37:36

End at: 2017-11-30 10:38:06

Local clock offset: 1.311 ms

Remote clock offset: -3.487 ms

# Below is generated by plot.py at 2017-11-30 14:55:34

# Datalink statistics

-- Total of 1 flow:

Average throughput: 66.61 Mbit/s

95th percentile per-packet one-way delay: 85.271 ms

Loss rate: 0.81%

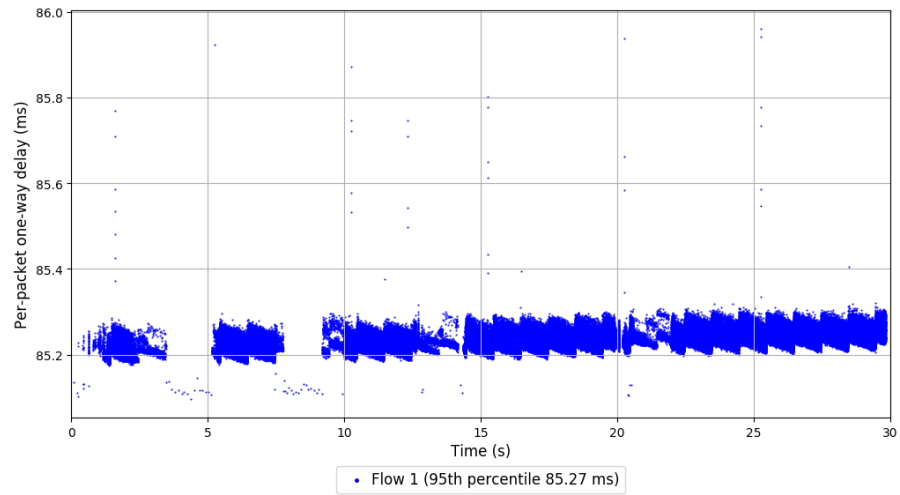
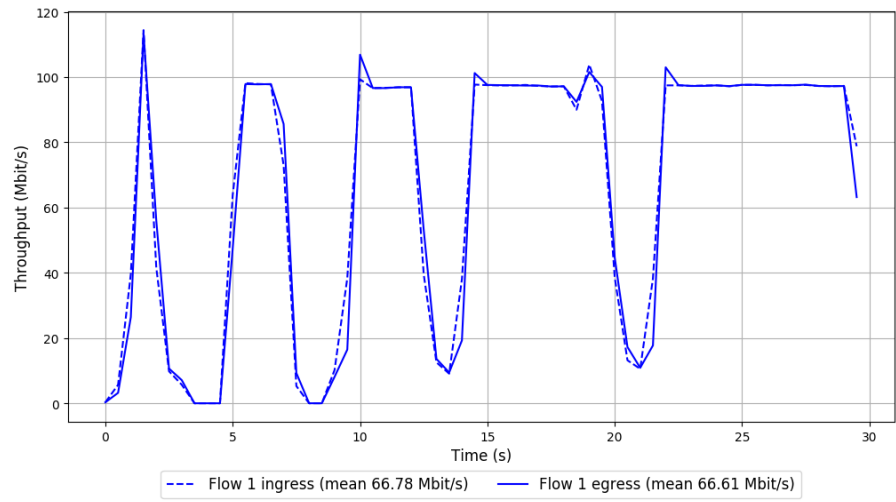
-- Flow 1:

Average throughput: 66.61 Mbit/s

95th percentile per-packet one-way delay: 85.271 ms

Loss rate: 0.81%

### Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2017-11-30 10:55:53

End at: 2017-11-30 10:56:23

Local clock offset: 1.005 ms

Remote clock offset: -2.158 ms

# Below is generated by plot.py at 2017-11-30 14:55:34

# Datalink statistics

-- Total of 1 flow:

Average throughput: 68.80 Mbit/s

95th percentile per-packet one-way delay: 84.062 ms

Loss rate: 0.78%

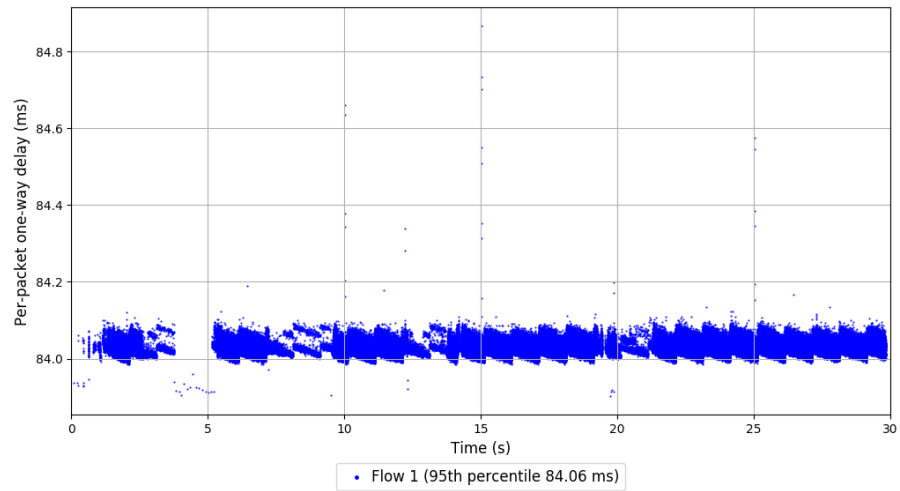
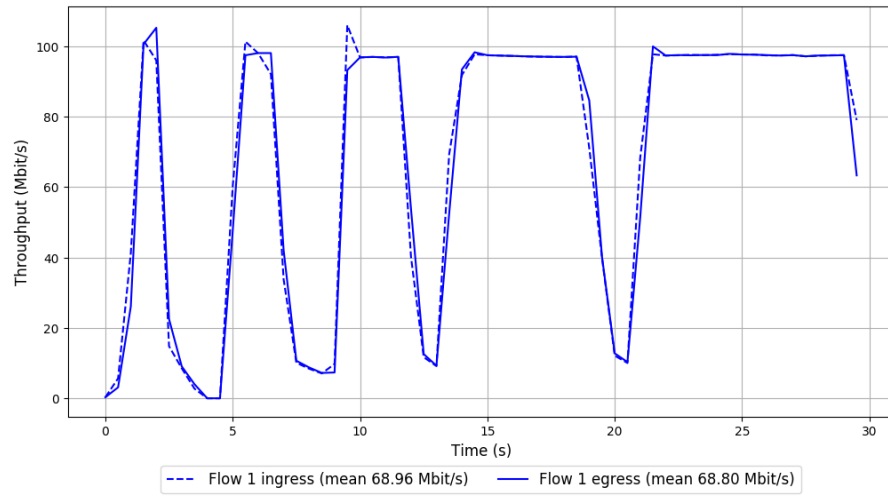
-- Flow 1:

Average throughput: 68.80 Mbit/s

95th percentile per-packet one-way delay: 84.062 ms

Loss rate: 0.78%

## Run 8: Report of QUIC Cubic — Data Link



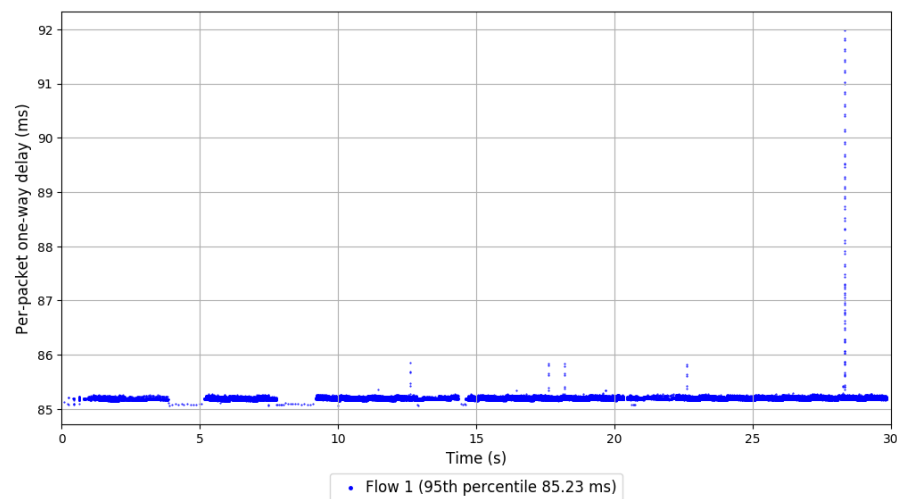
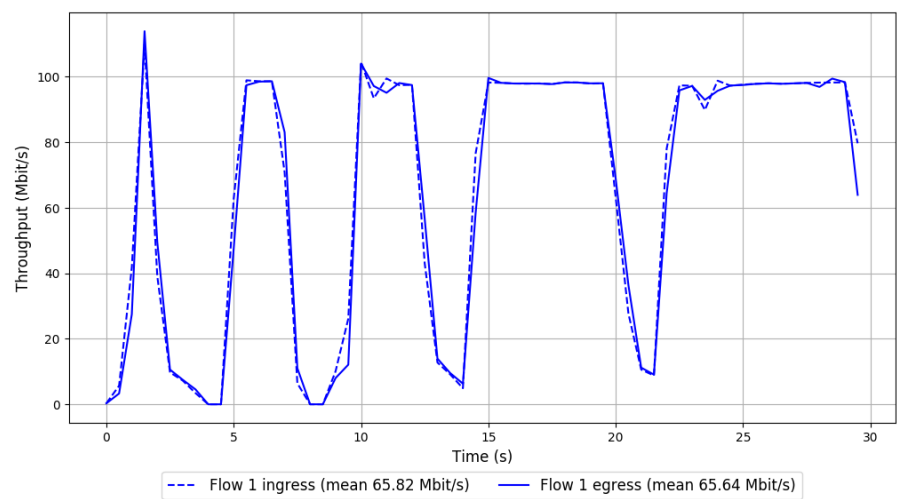
Run 9: Statistics of QUIC Cubic

Start at: 2017-11-30 11:13:51  
End at: 2017-11-30 11:14:21  
Local clock offset: 0.743 ms  
Remote clock offset: -2.728 ms

# Below is generated by plot.py at 2017-11-30 14:55:34  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 65.64 Mbit/s  
95th percentile per-packet one-way delay: 85.229 ms  
Loss rate: 0.83%  
-- Flow 1:  
Average throughput: 65.64 Mbit/s  
95th percentile per-packet one-way delay: 85.229 ms  
Loss rate: 0.83%



Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2017-11-30 11:31:47

End at: 2017-11-30 11:32:17

Local clock offset: 0.49 ms

Remote clock offset: -1.286 ms

# Below is generated by plot.py at 2017-11-30 14:55:34

# Datalink statistics

-- Total of 1 flow:

Average throughput: 66.04 Mbit/s

95th percentile per-packet one-way delay: 87.394 ms

Loss rate: 0.84%

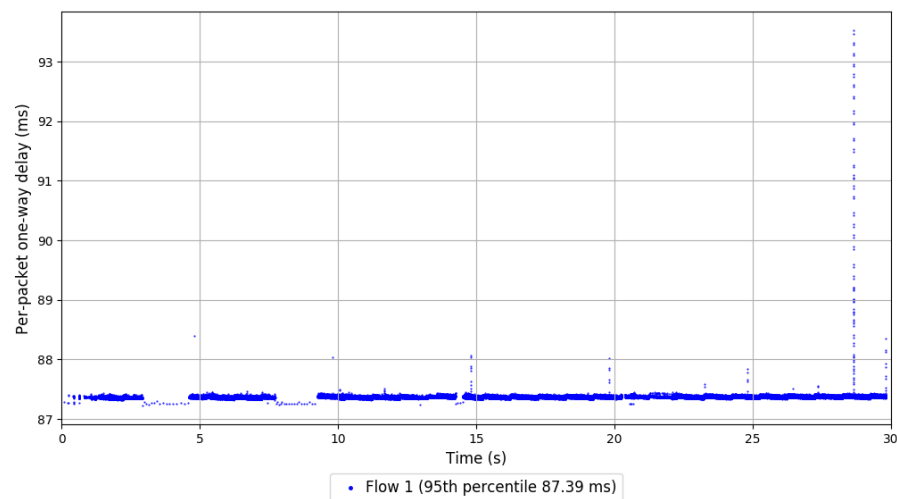
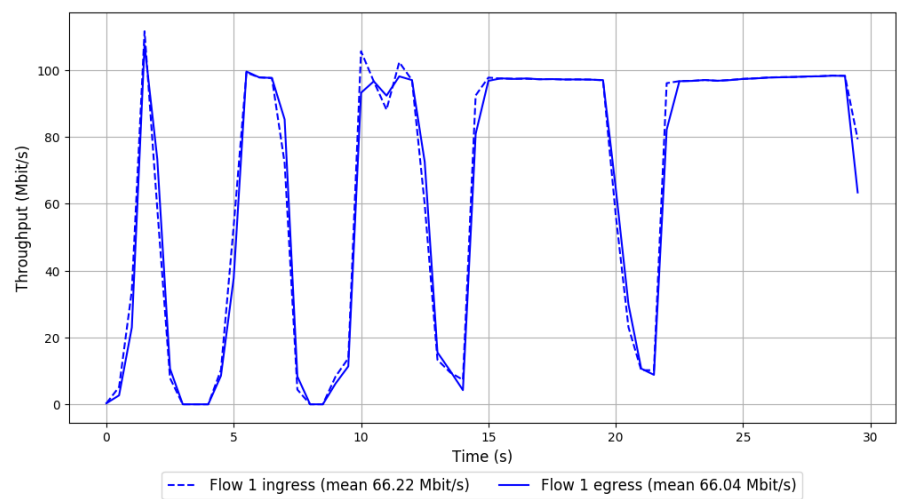
-- Flow 1:

Average throughput: 66.04 Mbit/s

95th percentile per-packet one-way delay: 87.394 ms

Loss rate: 0.84%

Run 10: Report of QUIC Cubic — Data Link



Run 1: Statistics of SCReAM

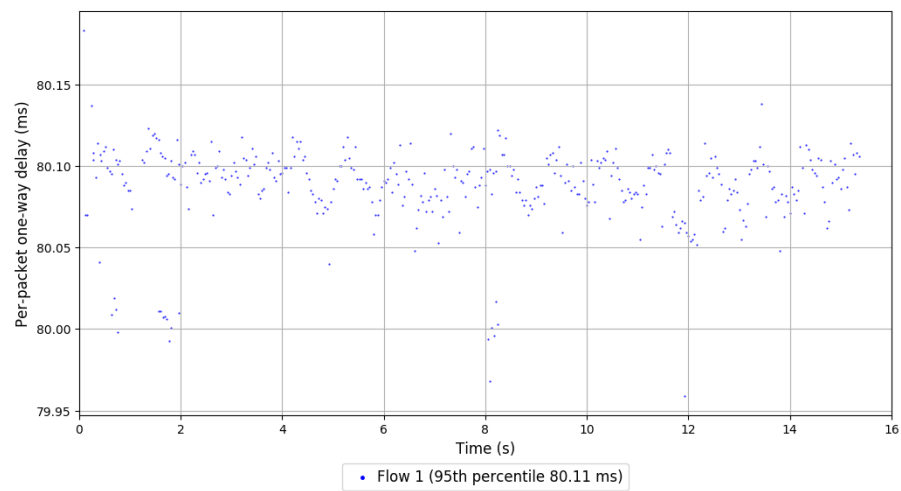
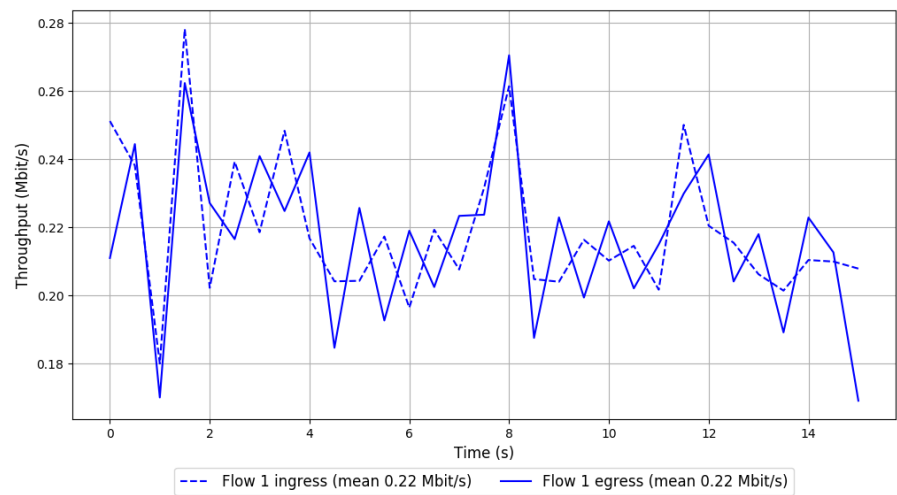
Start at: 2017-11-30 09:00:13

End at: 2017-11-30 09:00:43

Local clock offset: 1.249 ms

Remote clock offset: -4.237 ms

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

Start at: 2017-11-30 09:18:07

End at: 2017-11-30 09:18:37

Local clock offset: 1.444 ms

Remote clock offset: -4.31 ms

# Below is generated by plot.py at 2017-11-30 14:55:34

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 80.061 ms

Loss rate: 0.51%

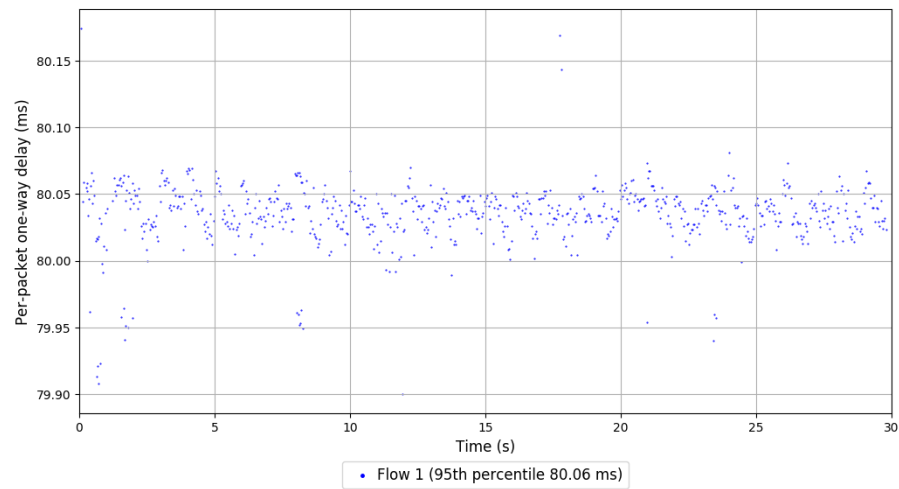
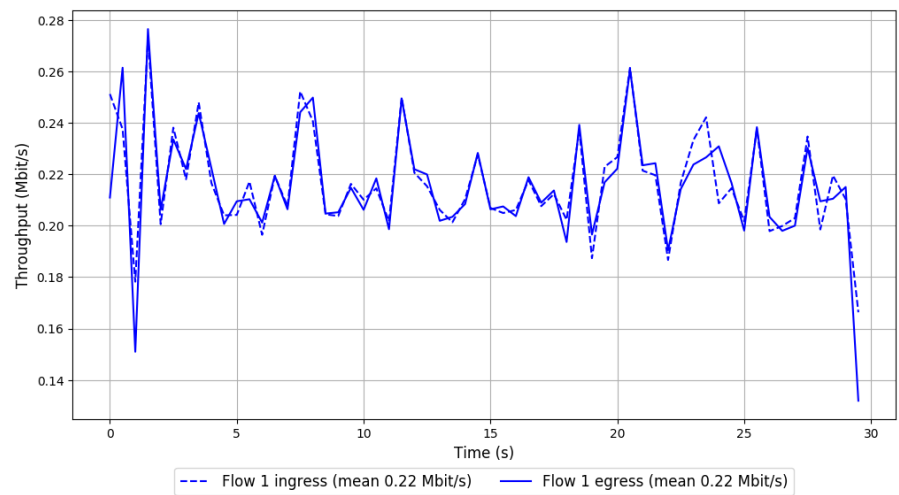
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 80.061 ms

Loss rate: 0.51%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SCReAM

Start at: 2017-11-30 09:36:01

End at: 2017-11-30 09:36:31

Local clock offset: 1.522 ms

Remote clock offset: -7.39 ms

# Below is generated by plot.py at 2017-11-30 14:55:34

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 88.509 ms

Loss rate: 0.51%

-- Flow 1:

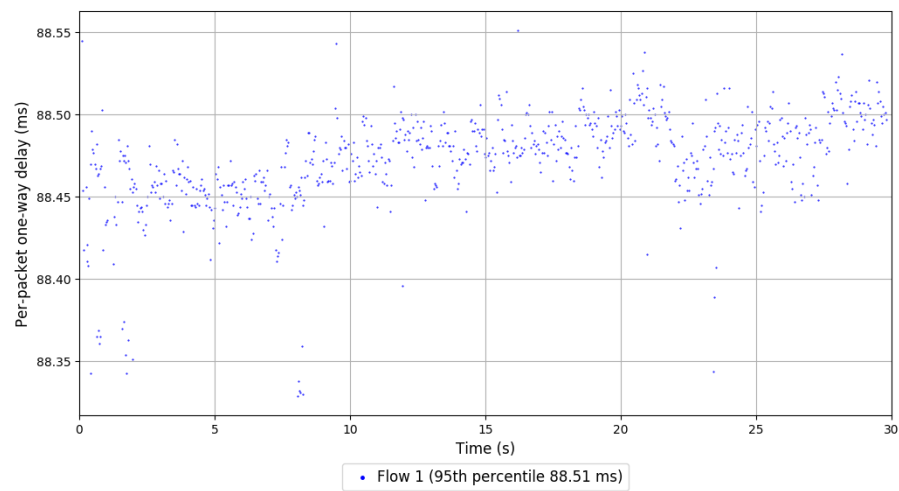
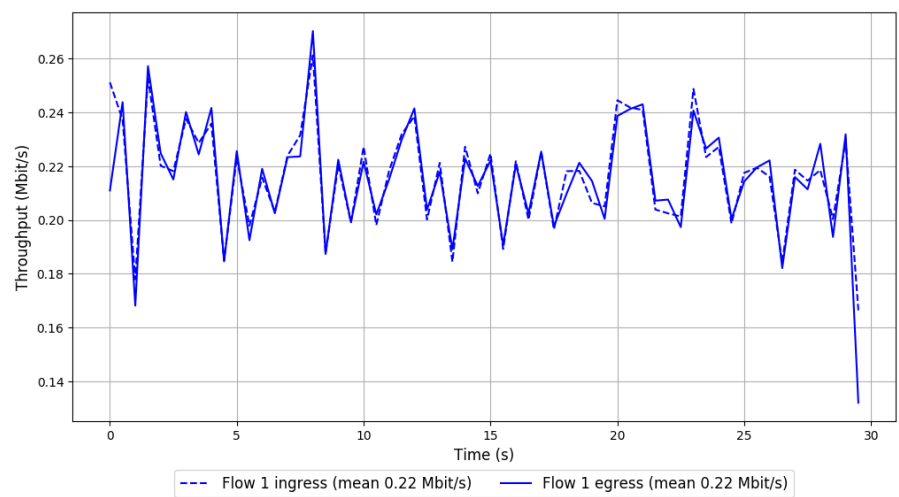
Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 88.509 ms

Loss rate: 0.51%



Run 3: Report of SCReAM — Data Link



Run 4: Statistics of SCReAM

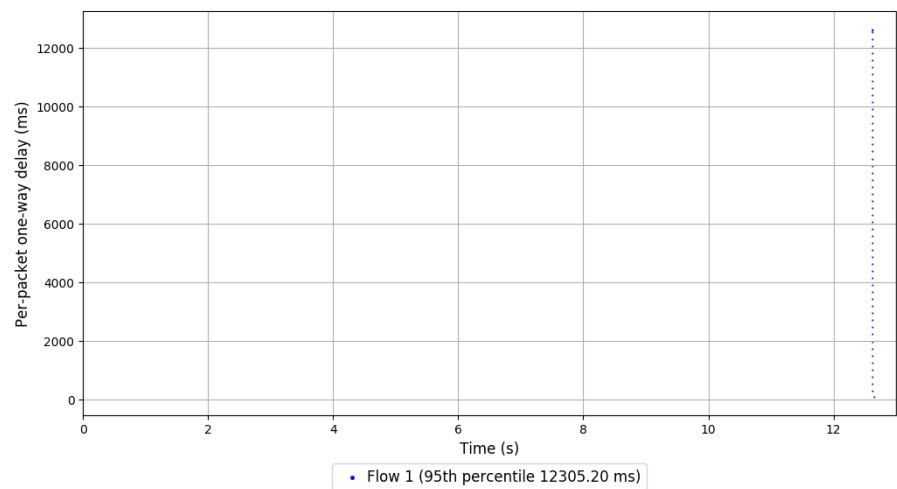
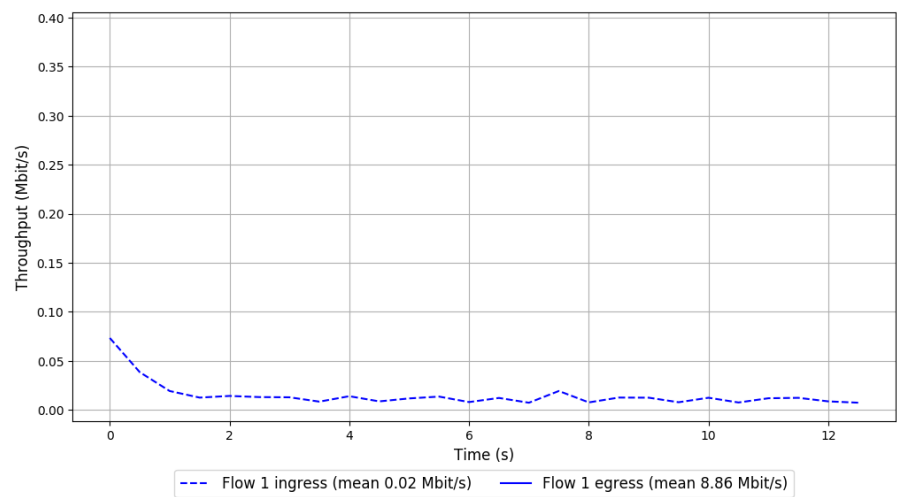
Start at: 2017-11-30 09:53:58

End at: 2017-11-30 09:54:28

Local clock offset: 1.625 ms

Remote clock offset: -4.886 ms

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

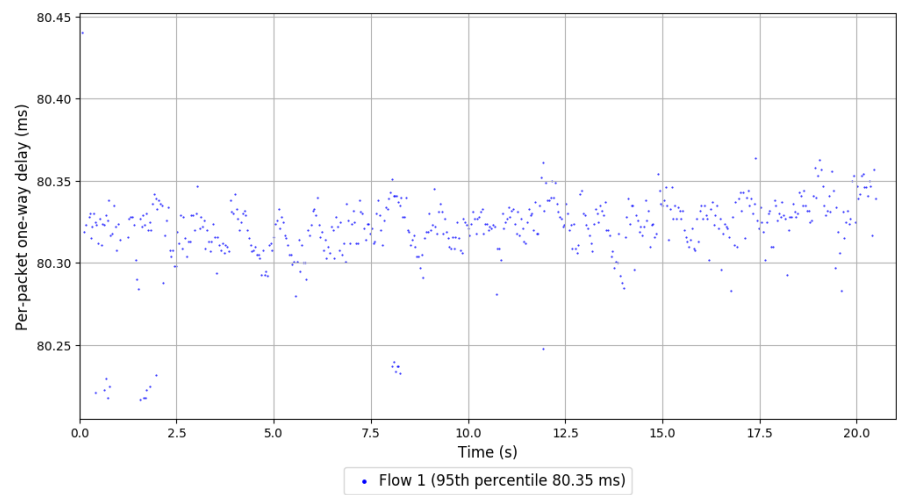
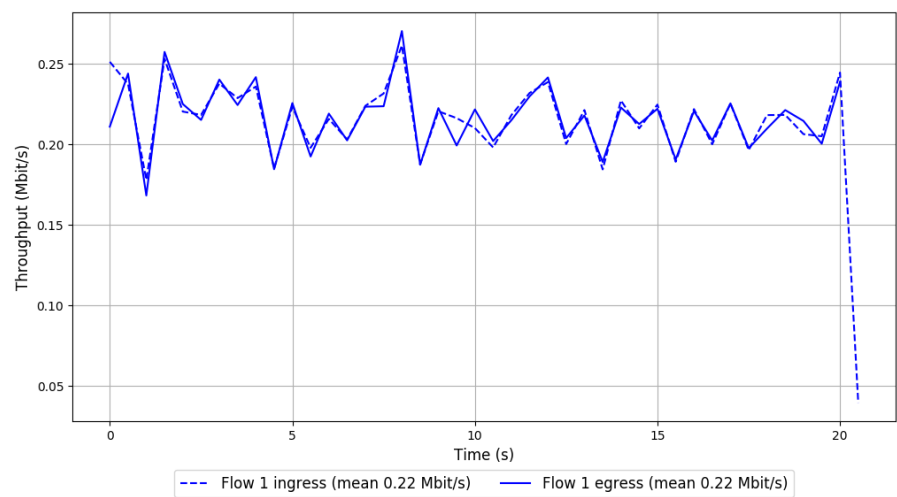
Start at: 2017-11-30 10:11:55

End at: 2017-11-30 10:12:25

Local clock offset: 1.547 ms

Remote clock offset: 0.85 ms

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SCReAM

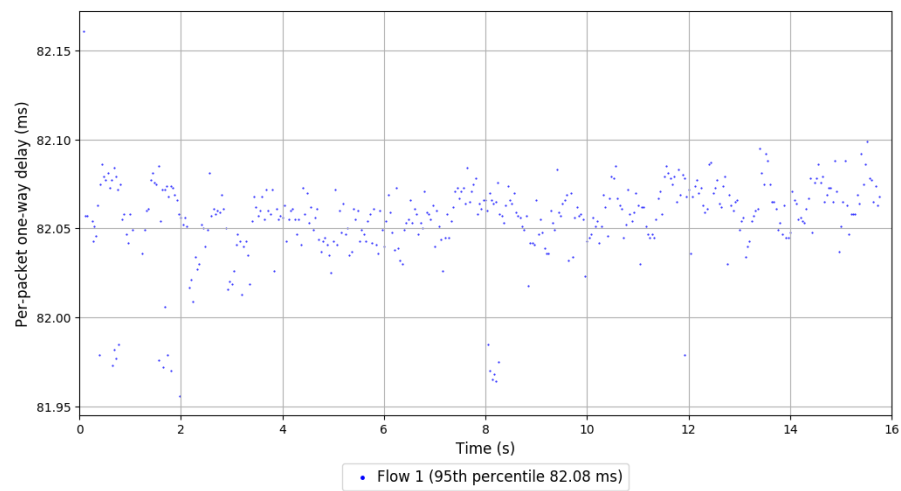
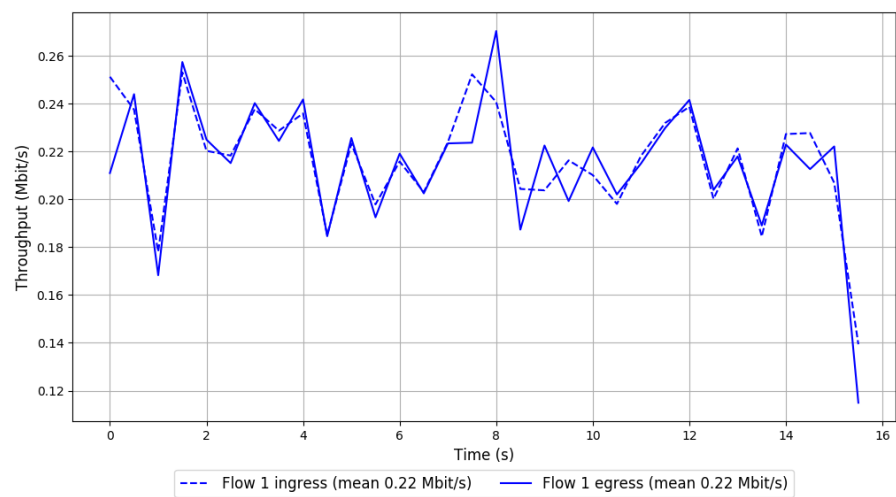
Start at: 2017-11-30 10:29:49

End at: 2017-11-30 10:30:19

Local clock offset: 1.459 ms

Remote clock offset: 0.795 ms

Run 6: Report of SReAM — Data Link



Run 7: Statistics of SCReAM

Start at: 2017-11-30 10:48:06

End at: 2017-11-30 10:48:36

Local clock offset: 1.069 ms

Remote clock offset: -2.6 ms

# Below is generated by plot.py at 2017-11-30 14:55:34

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 86.299 ms

Loss rate: 0.51%

-- Flow 1:

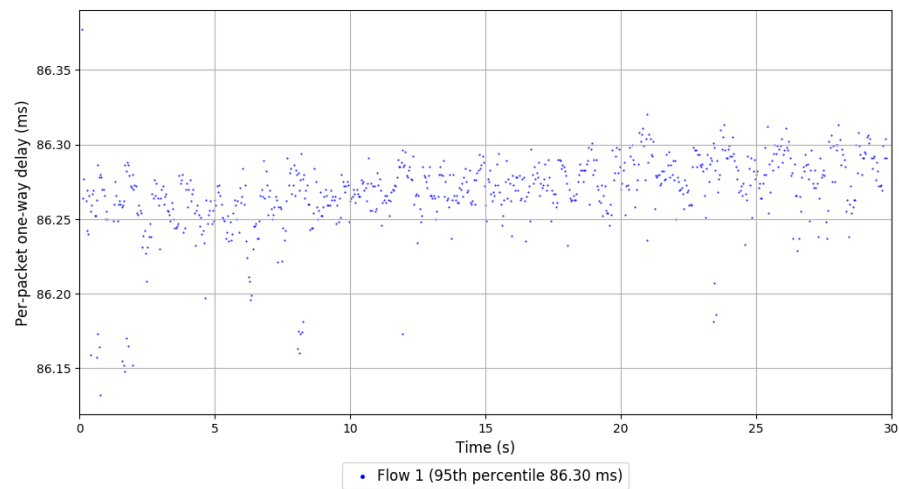
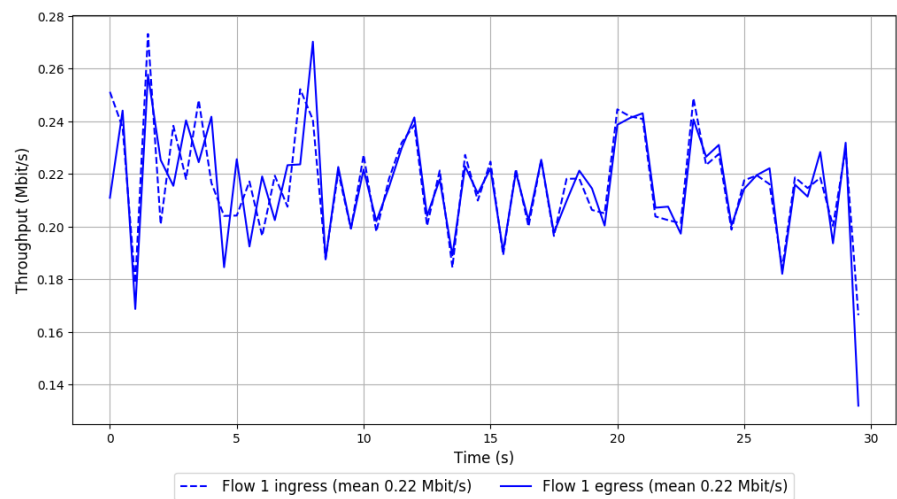
Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 86.299 ms

Loss rate: 0.51%



Run 7: Report of SReAM — Data Link



Run 8: Statistics of SCReAM

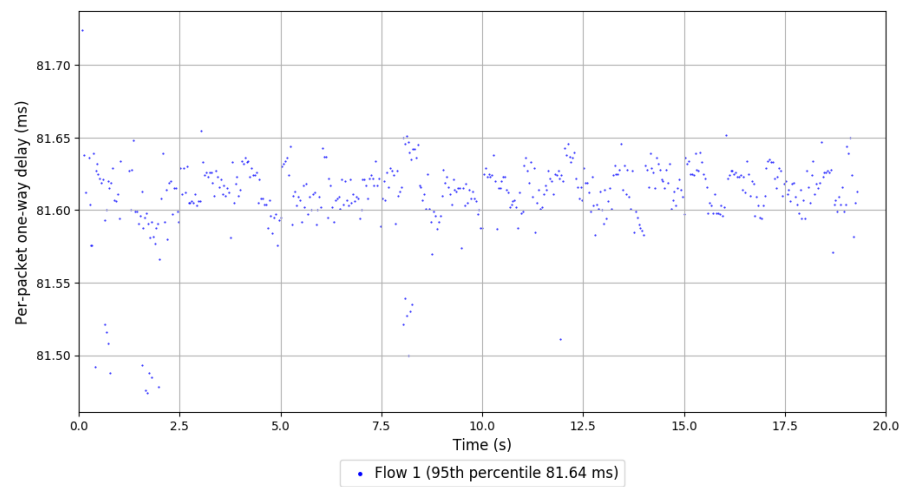
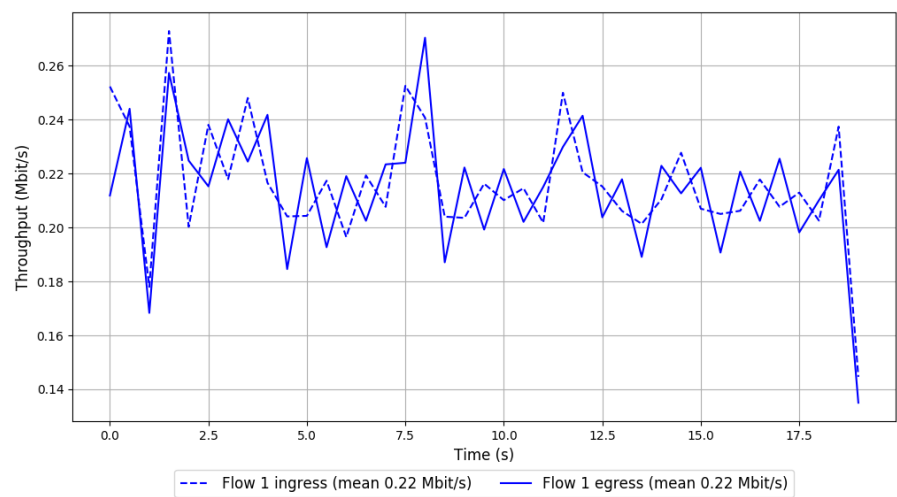
Start at: 2017-11-30 11:06:01

End at: 2017-11-30 11:06:31

Local clock offset: 0.872 ms

Remote clock offset: 3.986 ms

Run 8: Report of SReAM — Data Link



Run 9: Statistics of SCReAM

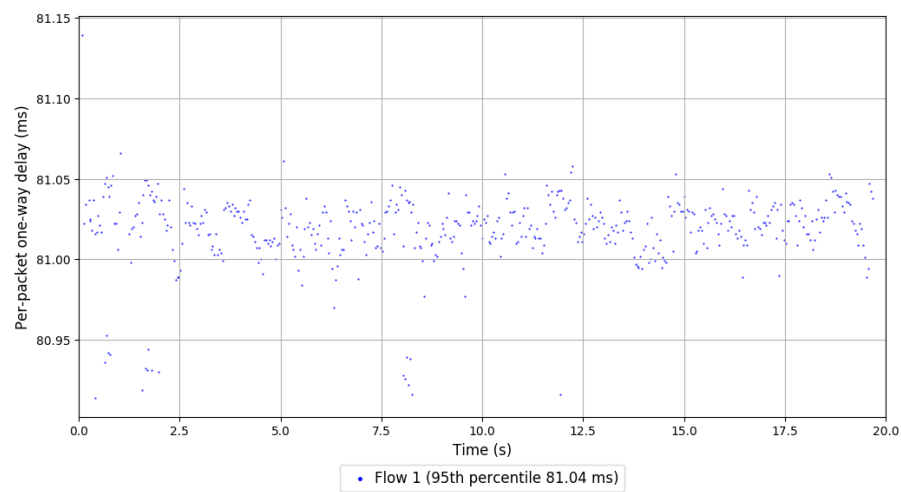
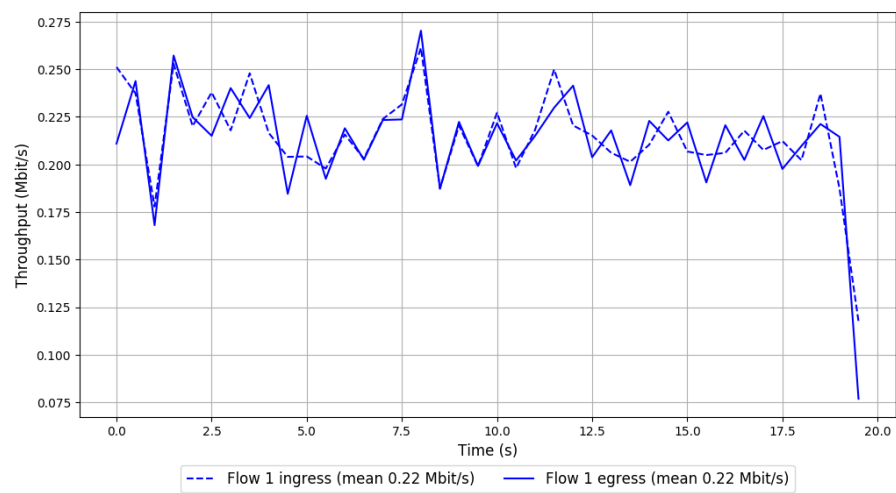
Start at: 2017-11-30 11:23:59

End at: 2017-11-30 11:24:29

Local clock offset: 0.619 ms

Remote clock offset: 3.258 ms

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SCReAM

Start at: 2017-11-30 11:41:55

End at: 2017-11-30 11:42:25

Local clock offset: 0.358 ms

Remote clock offset: 3.446 ms

# Below is generated by plot.py at 2017-11-30 14:55:34

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 81.609 ms

Loss rate: 0.51%

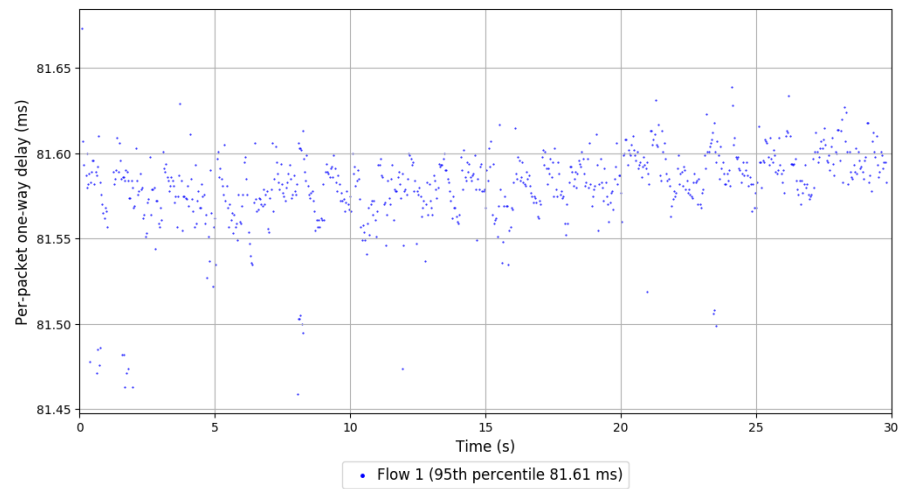
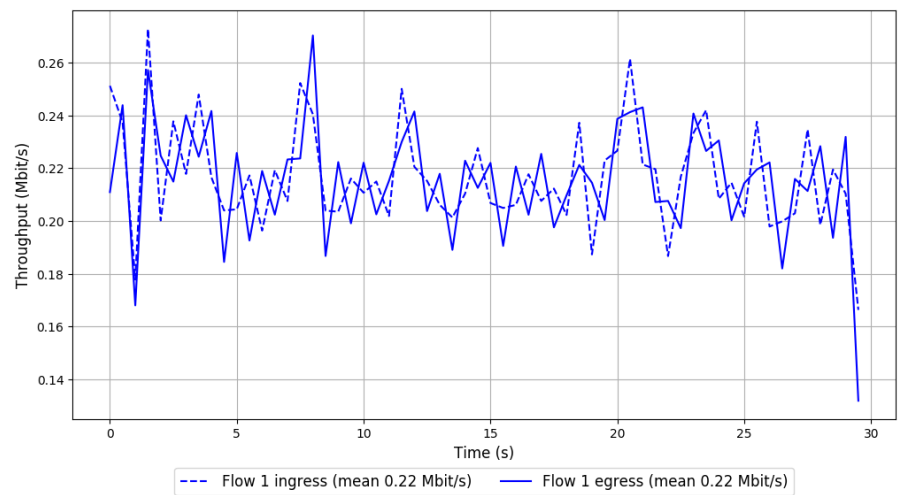
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 81.609 ms

Loss rate: 0.51%

Run 10: Report of SReAM — Data Link



Run 1: Statistics of WebRTC media

Start at: 2017-11-30 08:53:50

End at: 2017-11-30 08:54:20

Local clock offset: 1.241 ms

Remote clock offset: -9.442 ms

# Below is generated by plot.py at 2017-11-30 14:55:34

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.28 Mbit/s

95th percentile per-packet one-way delay: 86.939 ms

Loss rate: 0.61%

-- Flow 1:

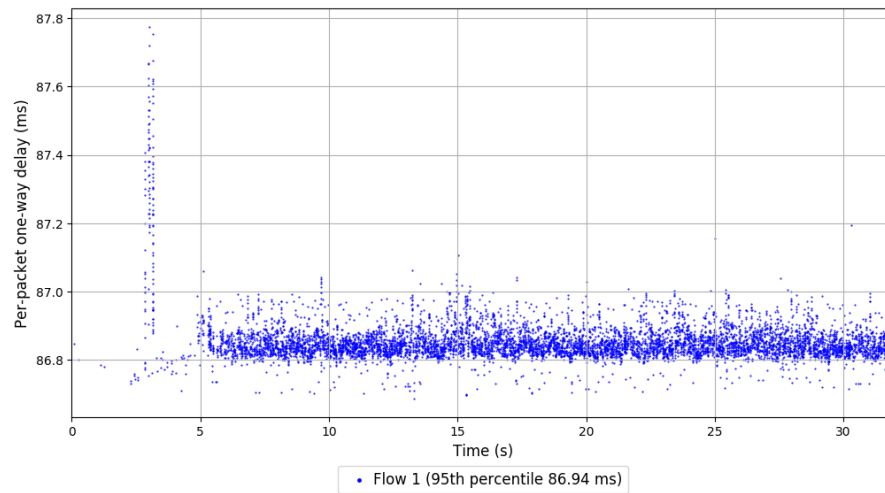
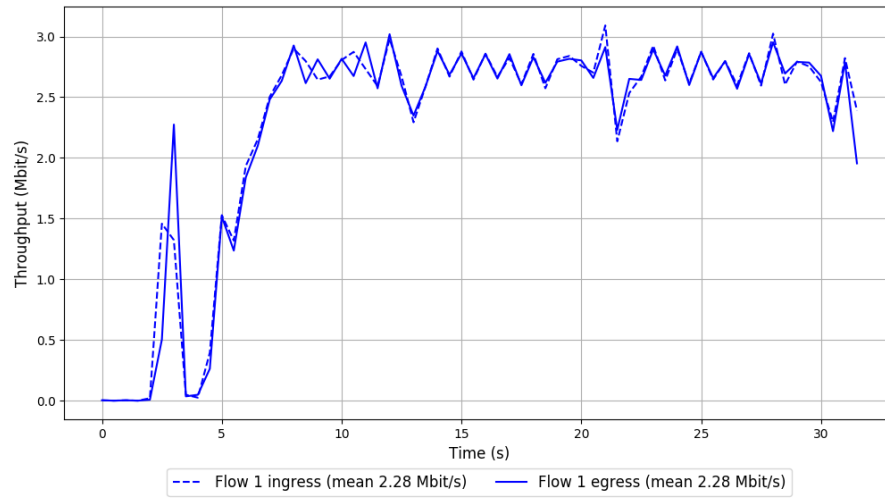
Average throughput: 2.28 Mbit/s

95th percentile per-packet one-way delay: 86.939 ms

Loss rate: 0.61%



### Run 1: Report of WebRTC media — Data Link

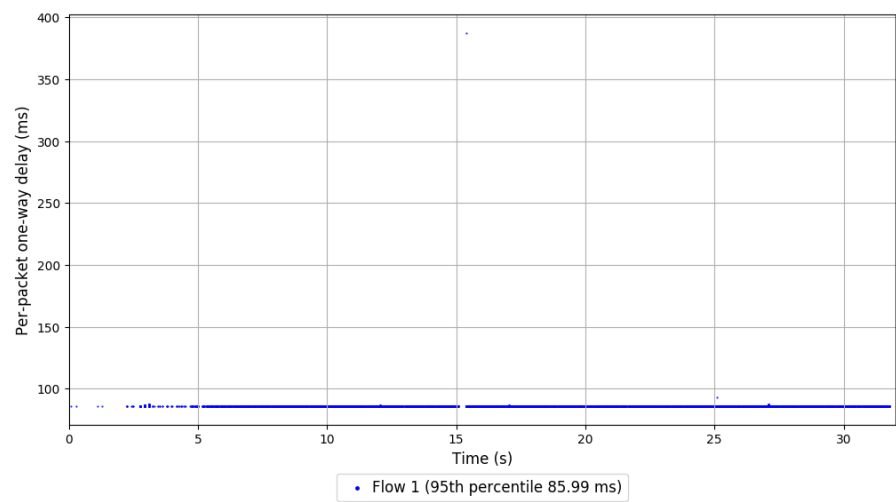
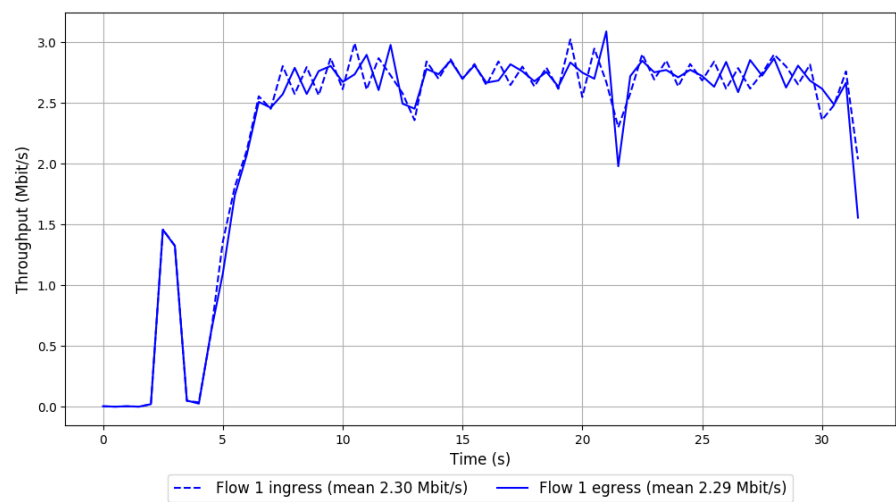


Run 2: Statistics of WebRTC media

Start at: 2017-11-30 09:11:40  
End at: 2017-11-30 09:12:10  
Local clock offset: 1.354 ms  
Remote clock offset: -8.205 ms

# Below is generated by plot.py at 2017-11-30 14:55:34  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.29 Mbit/s  
95th percentile per-packet one-way delay: 85.993 ms  
Loss rate: 0.63%  
-- Flow 1:  
Average throughput: 2.29 Mbit/s  
95th percentile per-packet one-way delay: 85.993 ms  
Loss rate: 0.63%

Run 2: Report of WebRTC media — Data Link

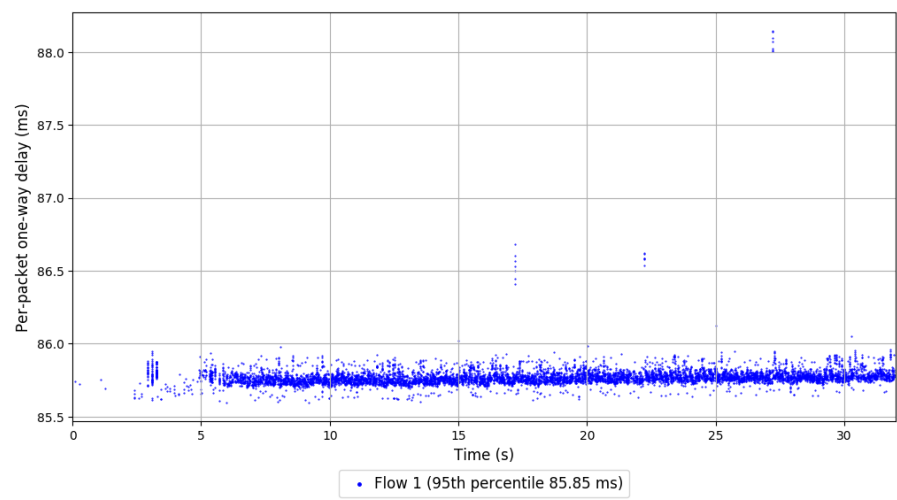
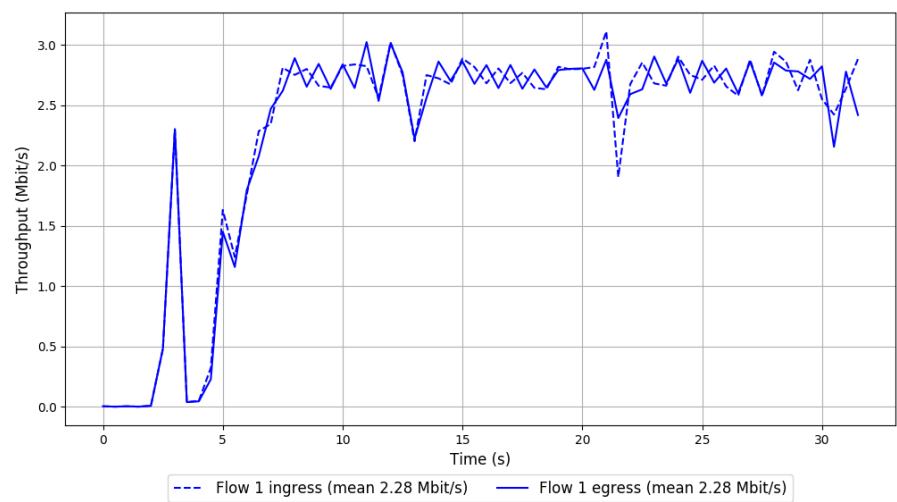


Run 3: Statistics of WebRTC media

Start at: 2017-11-30 09:29:32  
End at: 2017-11-30 09:30:02  
Local clock offset: 1.511 ms  
Remote clock offset: -7.293 ms

# Below is generated by plot.py at 2017-11-30 14:55:34  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.28 Mbit/s  
95th percentile per-packet one-way delay: 85.853 ms  
Loss rate: 0.62%  
-- Flow 1:  
Average throughput: 2.28 Mbit/s  
95th percentile per-packet one-way delay: 85.853 ms  
Loss rate: 0.62%

Run 3: Report of WebRTC media — Data Link

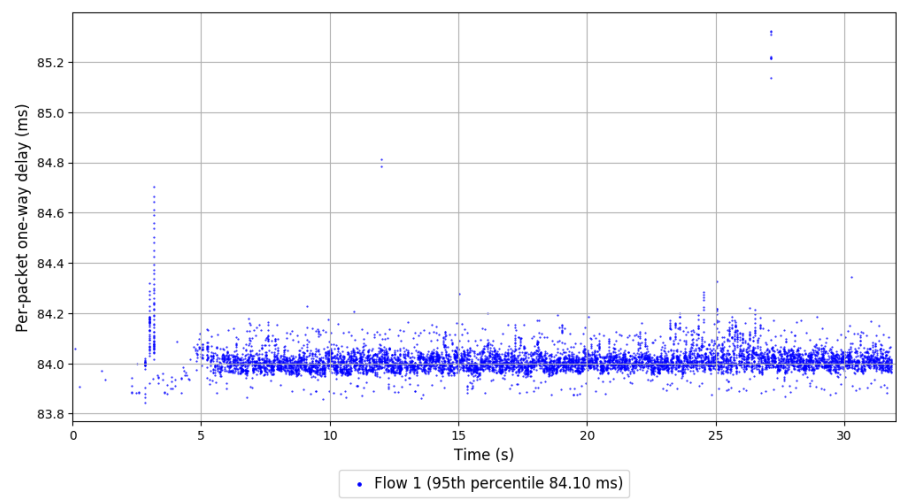
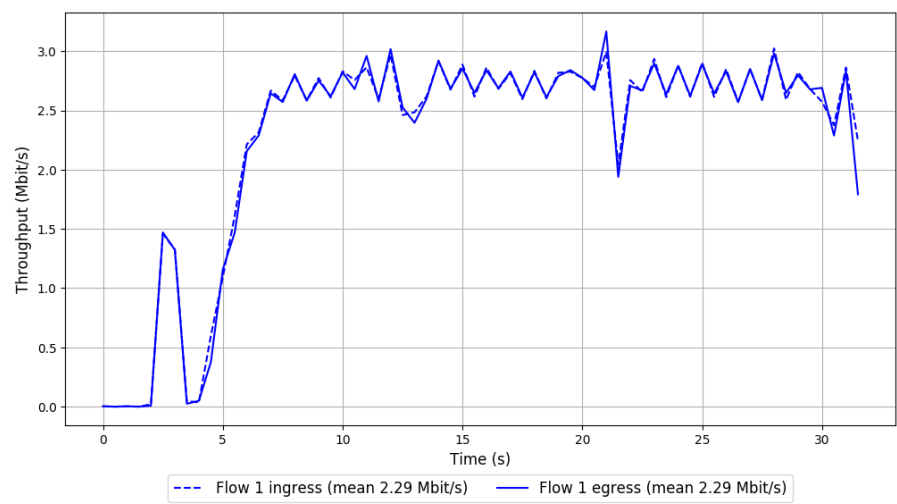


Run 4: Statistics of WebRTC media

Start at: 2017-11-30 09:47:28  
End at: 2017-11-30 09:47:58  
Local clock offset: 1.636 ms  
Remote clock offset: -5.202 ms

# Below is generated by plot.py at 2017-11-30 14:55:34  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.29 Mbit/s  
95th percentile per-packet one-way delay: 84.100 ms  
Loss rate: 0.62%  
-- Flow 1:  
Average throughput: 2.29 Mbit/s  
95th percentile per-packet one-way delay: 84.100 ms  
Loss rate: 0.62%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2017-11-30 10:05:26

End at: 2017-11-30 10:05:56

Local clock offset: 1.595 ms

Remote clock offset: 0.07 ms

# Below is generated by plot.py at 2017-11-30 14:55:34

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.42 Mbit/s

95th percentile per-packet one-way delay: 80.958 ms

Loss rate: 0.71%

-- Flow 1:

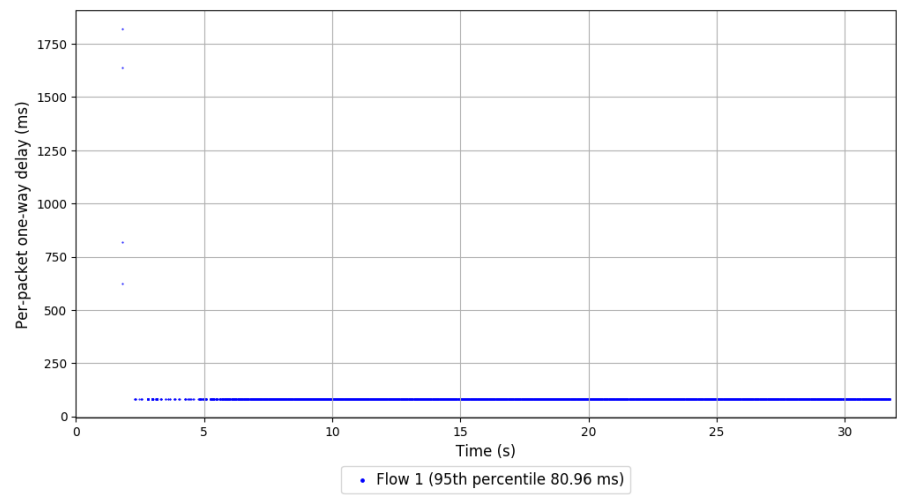
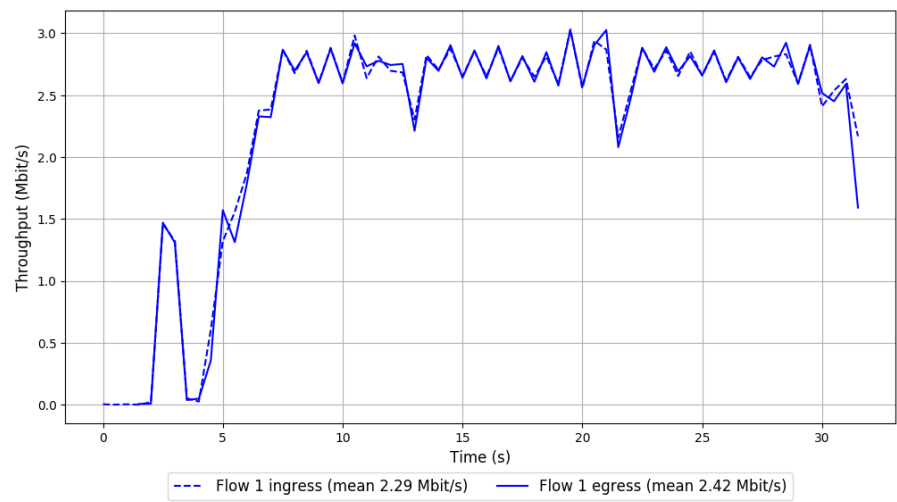
Average throughput: 2.42 Mbit/s

95th percentile per-packet one-way delay: 80.958 ms

Loss rate: 0.71%



Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: 2017-11-30 10:23:25

End at: 2017-11-30 10:23:55

Local clock offset: 1.388 ms

Remote clock offset: 1.677 ms

# Below is generated by plot.py at 2017-11-30 14:55:34

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 80.712 ms

Loss rate: 0.61%

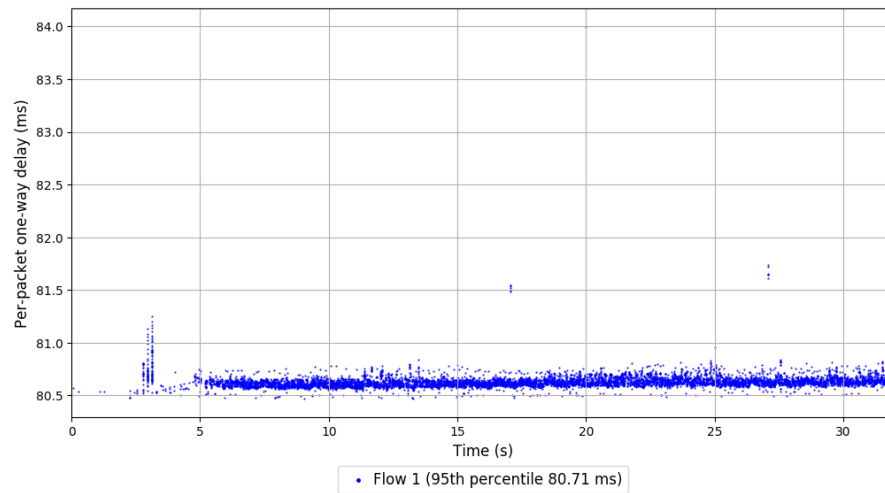
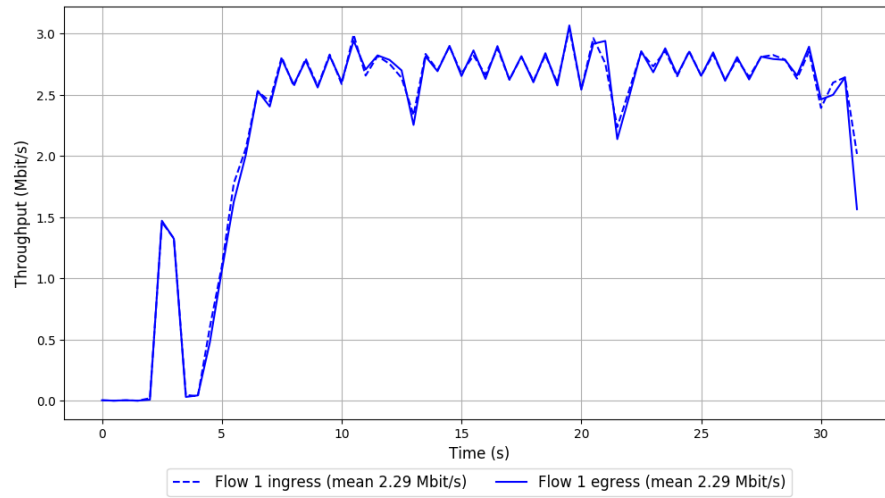
-- Flow 1:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 80.712 ms

Loss rate: 0.61%

## Run 6: Report of WebRTC media — Data Link

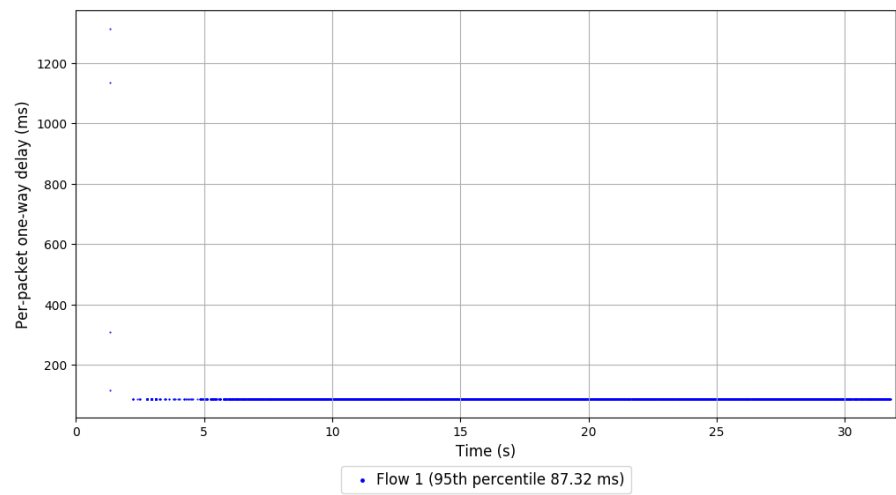
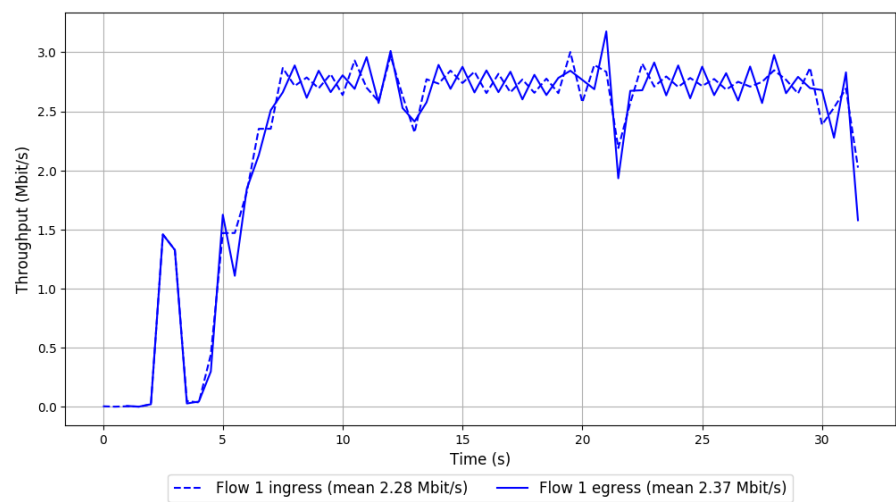


Run 7: Statistics of WebRTC media

Start at: 2017-11-30 10:41:16  
End at: 2017-11-30 10:41:47  
Local clock offset: 1.247 ms  
Remote clock offset: -2.457 ms

# Below is generated by plot.py at 2017-11-30 14:55:34  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.37 Mbit/s  
95th percentile per-packet one-way delay: 87.319 ms  
Loss rate: 0.62%  
-- Flow 1:  
Average throughput: 2.37 Mbit/s  
95th percentile per-packet one-way delay: 87.319 ms  
Loss rate: 0.62%

Run 7: Report of WebRTC media — Data Link

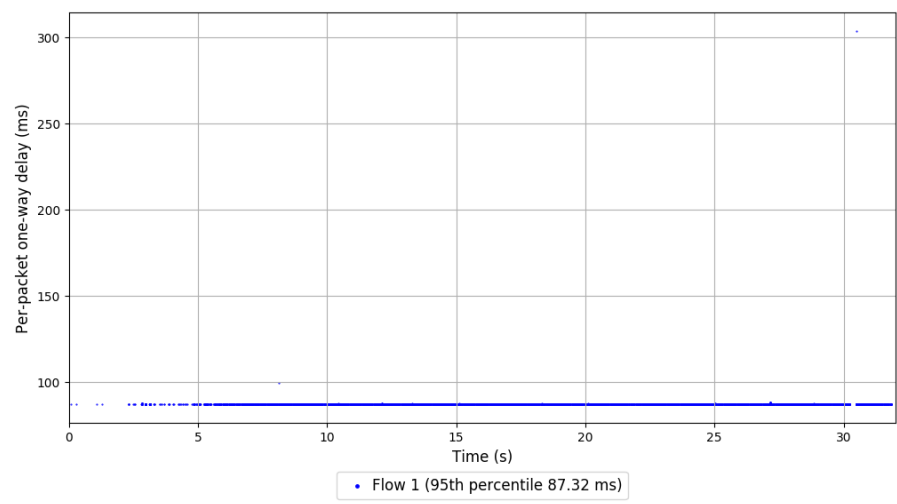
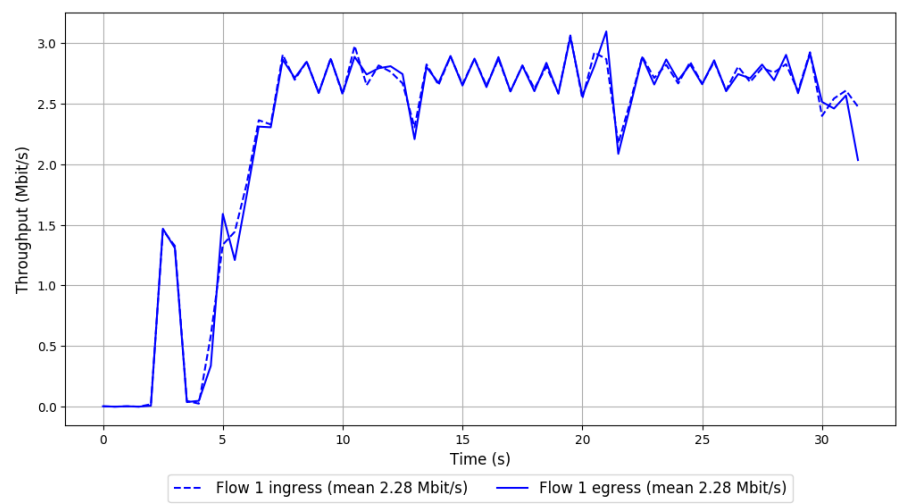


Run 8: Statistics of WebRTC media

Start at: 2017-11-30 10:59:34  
End at: 2017-11-30 11:00:04  
Local clock offset: 0.894 ms  
Remote clock offset: -2.178 ms

# Below is generated by plot.py at 2017-11-30 14:55:34  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.28 Mbit/s  
95th percentile per-packet one-way delay: 87.323 ms  
Loss rate: 0.62%  
-- Flow 1:  
Average throughput: 2.28 Mbit/s  
95th percentile per-packet one-way delay: 87.323 ms  
Loss rate: 0.62%

Run 8: Report of WebRTC media — Data Link



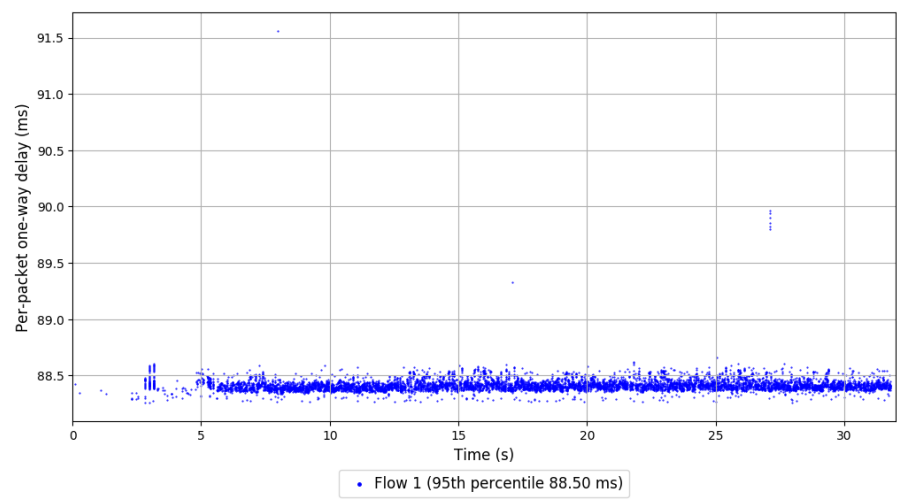
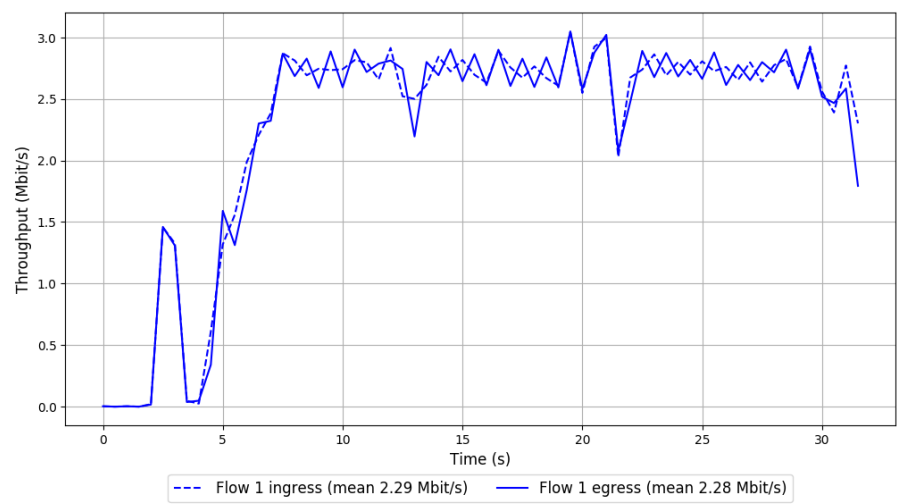
Run 9: Statistics of WebRTC media

Start at: 2017-11-30 11:17:31  
End at: 2017-11-30 11:18:01  
Local clock offset: 0.703 ms  
Remote clock offset: -2.568 ms

# Below is generated by plot.py at 2017-11-30 14:55:34  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.28 Mbit/s  
95th percentile per-packet one-way delay: 88.504 ms  
Loss rate: 0.76%  
-- Flow 1:  
Average throughput: 2.28 Mbit/s  
95th percentile per-packet one-way delay: 88.504 ms  
Loss rate: 0.76%



Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2017-11-30 11:35:28

End at: 2017-11-30 11:35:58

Local clock offset: 0.442 ms

Remote clock offset: -2.009 ms

# Below is generated by plot.py at 2017-11-30 14:55:34

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.30 Mbit/s

95th percentile per-packet one-way delay: 86.725 ms

Loss rate: 0.62%

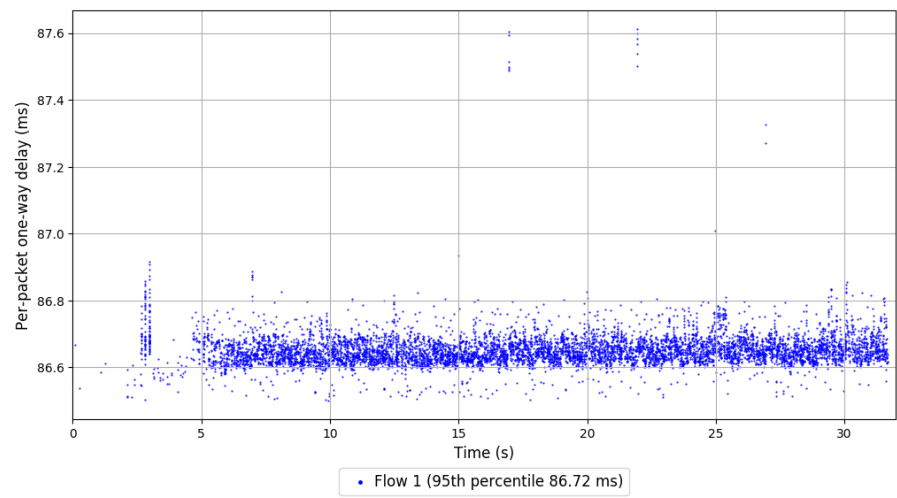
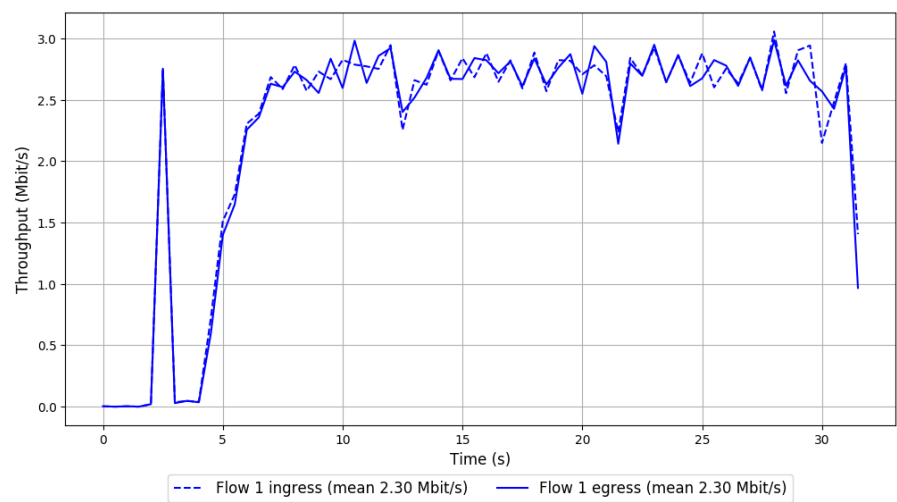
-- Flow 1:

Average throughput: 2.30 Mbit/s

95th percentile per-packet one-way delay: 86.725 ms

Loss rate: 0.62%

Run 10: Report of WebRTC media — Data Link

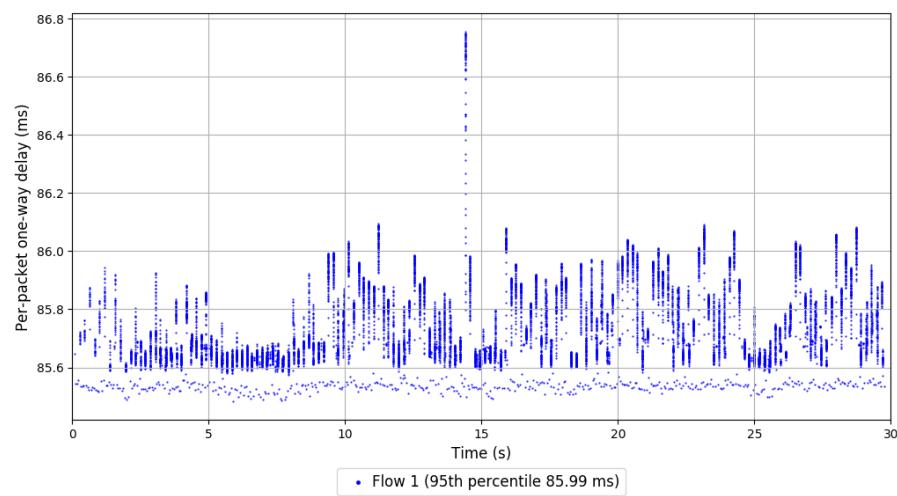
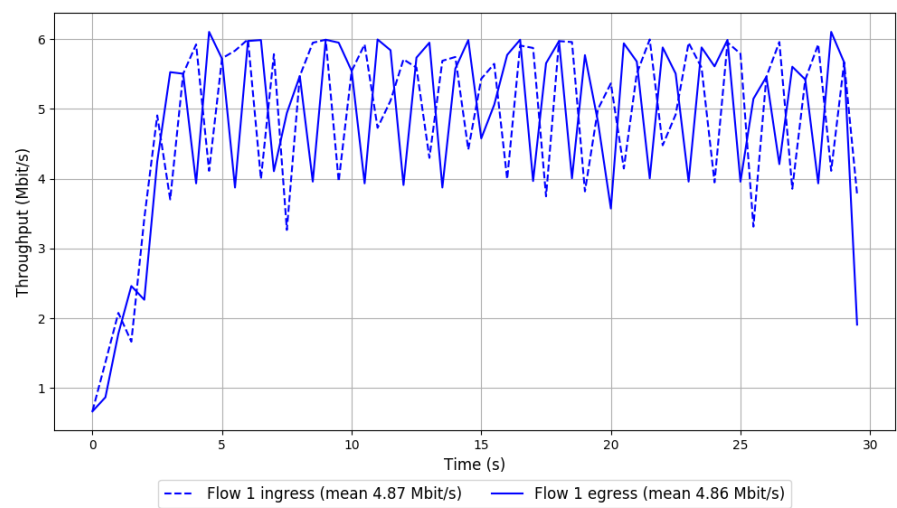


Run 1: Statistics of Sprout

Start at: 2017-11-30 08:47:46  
End at: 2017-11-30 08:48:16  
Local clock offset: 1.205 ms  
Remote clock offset: -8.378 ms

# Below is generated by plot.py at 2017-11-30 14:55:34  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 4.86 Mbit/s  
95th percentile per-packet one-way delay: 85.993 ms  
Loss rate: 0.64%  
-- Flow 1:  
Average throughput: 4.86 Mbit/s  
95th percentile per-packet one-way delay: 85.993 ms  
Loss rate: 0.64%

Run 1: Report of Sprout — Data Link

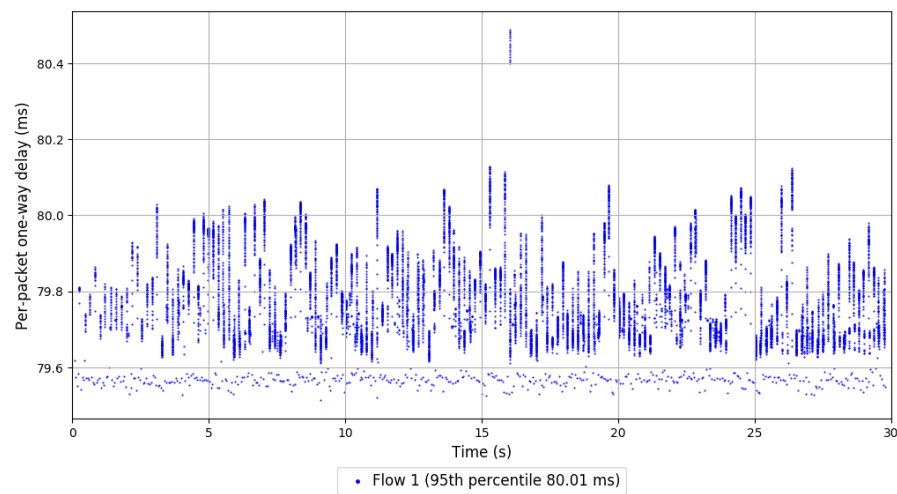
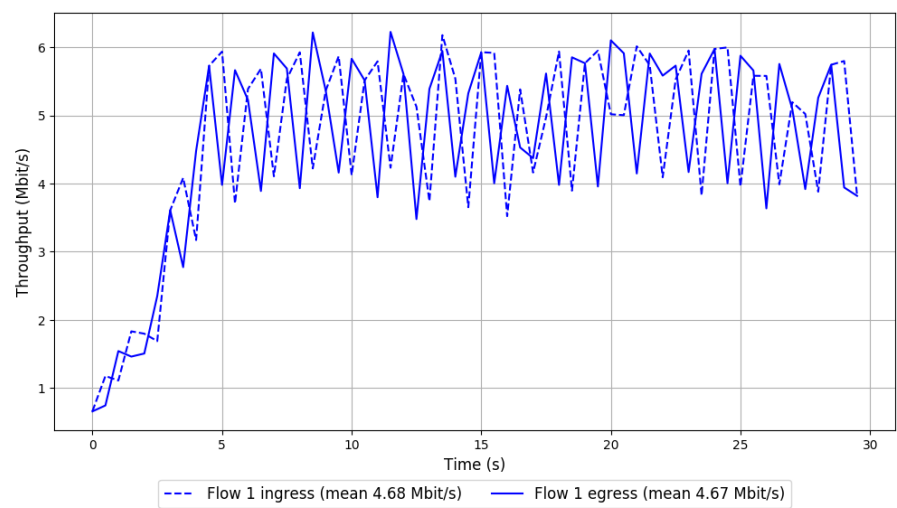


Run 2: Statistics of Sprout

Start at: 2017-11-30 09:05:34  
End at: 2017-11-30 09:06:04  
Local clock offset: 1.283 ms  
Remote clock offset: -2.374 ms

# Below is generated by plot.py at 2017-11-30 14:55:34  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 4.67 Mbit/s  
95th percentile per-packet one-way delay: 80.012 ms  
Loss rate: 0.67%  
-- Flow 1:  
Average throughput: 4.67 Mbit/s  
95th percentile per-packet one-way delay: 80.012 ms  
Loss rate: 0.67%

Run 2: Report of Sprout — Data Link



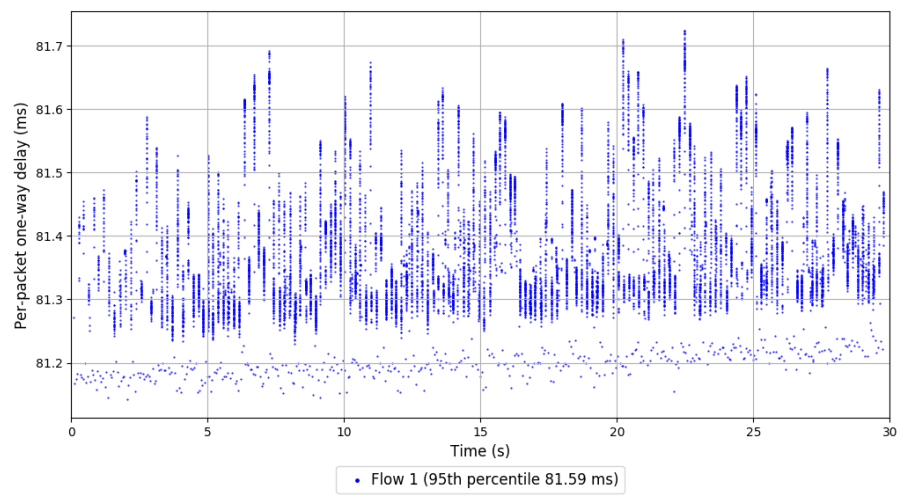
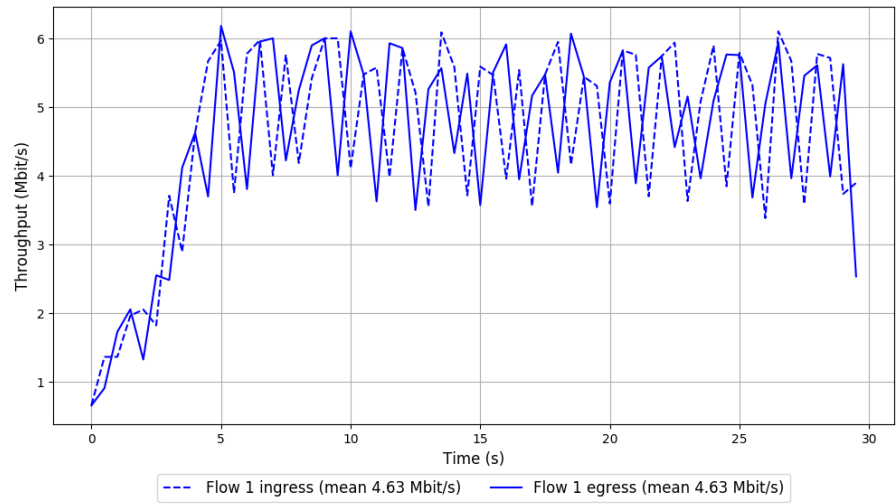
Run 3: Statistics of Sprout

Start at: 2017-11-30 09:23:25  
End at: 2017-11-30 09:23:55  
Local clock offset: 1.477 ms  
Remote clock offset: -2.955 ms

# Below is generated by plot.py at 2017-11-30 14:55:34  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 4.63 Mbit/s  
95th percentile per-packet one-way delay: 81.593 ms  
Loss rate: 0.49%  
-- Flow 1:  
Average throughput: 4.63 Mbit/s  
95th percentile per-packet one-way delay: 81.593 ms  
Loss rate: 0.49%



### Run 3: Report of Sprout — Data Link

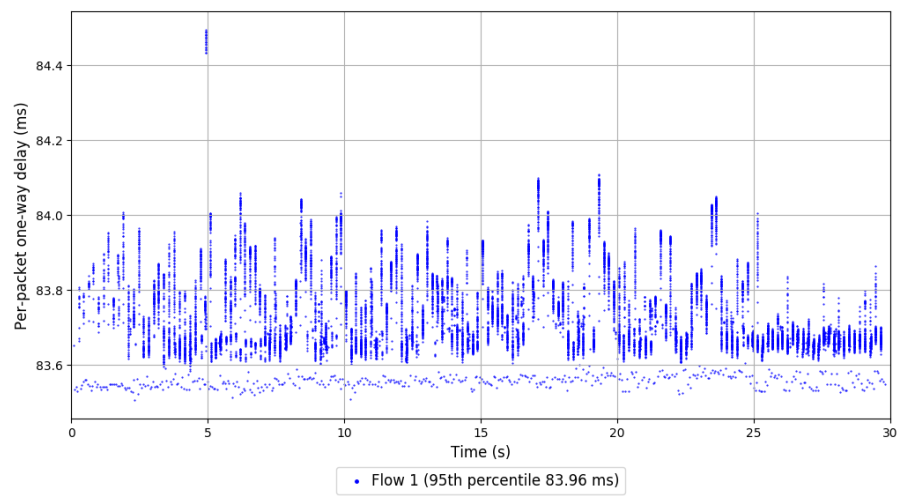
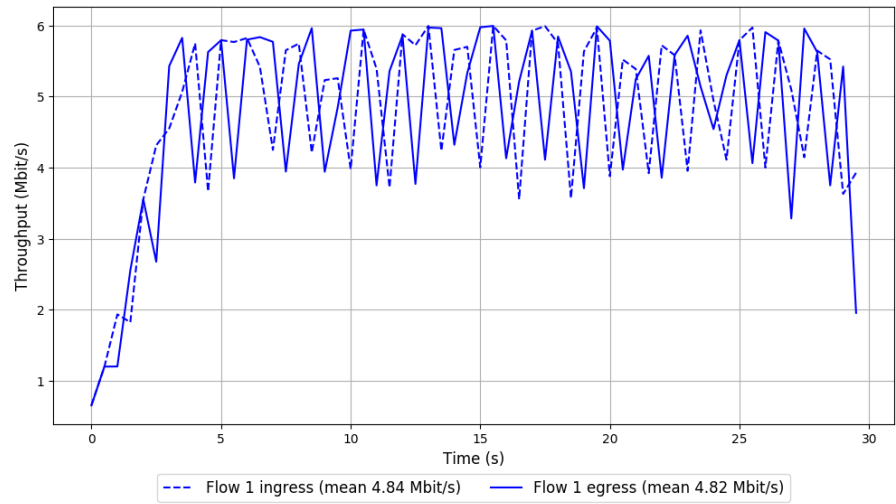


Run 4: Statistics of Sprout

Start at: 2017-11-30 09:41:20  
End at: 2017-11-30 09:41:50  
Local clock offset: 1.598 ms  
Remote clock offset: -5.284 ms

# Below is generated by plot.py at 2017-11-30 14:55:34  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 4.82 Mbit/s  
95th percentile per-packet one-way delay: 83.961 ms  
Loss rate: 0.68%  
-- Flow 1:  
Average throughput: 4.82 Mbit/s  
95th percentile per-packet one-way delay: 83.961 ms  
Loss rate: 0.68%

#### Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: 2017-11-30 09:59:18

End at: 2017-11-30 09:59:48

Local clock offset: 1.57 ms

Remote clock offset: 0.112 ms

# Below is generated by plot.py at 2017-11-30 14:55:34

# Datalink statistics

-- Total of 1 flow:

Average throughput: 4.75 Mbit/s

95th percentile per-packet one-way delay: 80.629 ms

Loss rate: 0.65%

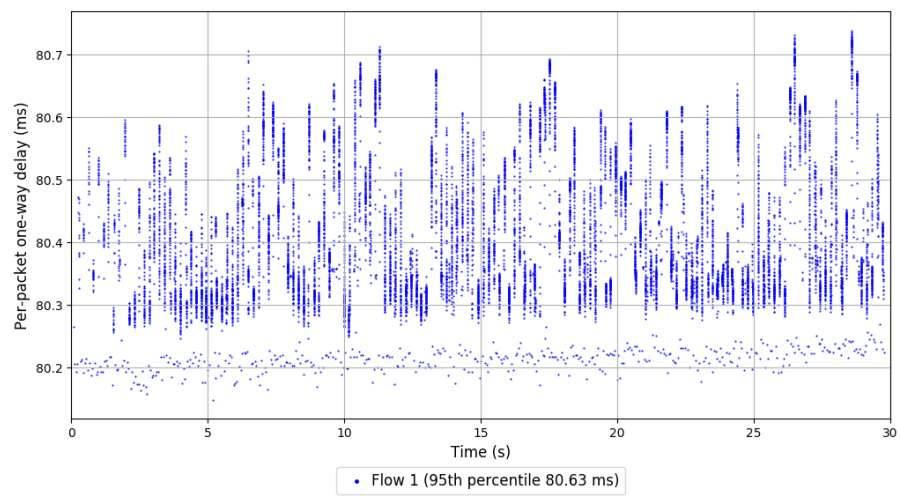
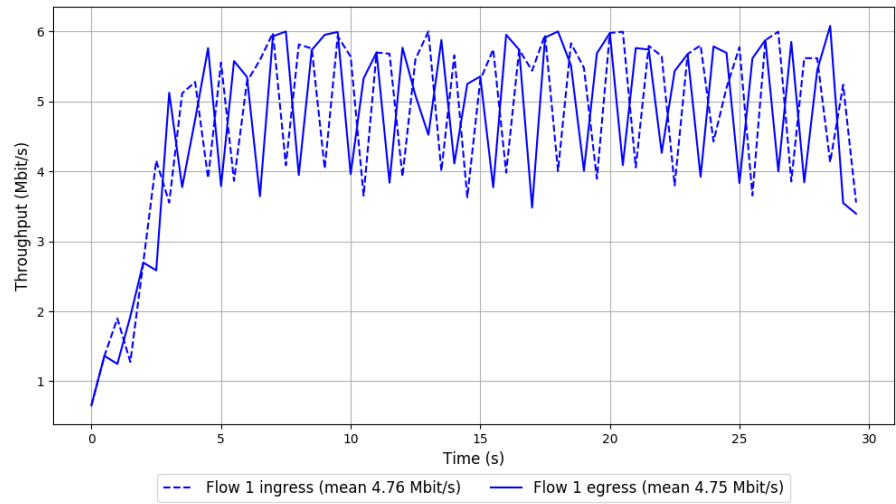
-- Flow 1:

Average throughput: 4.75 Mbit/s

95th percentile per-packet one-way delay: 80.629 ms

Loss rate: 0.65%

### Run 5: Report of Sprout — Data Link

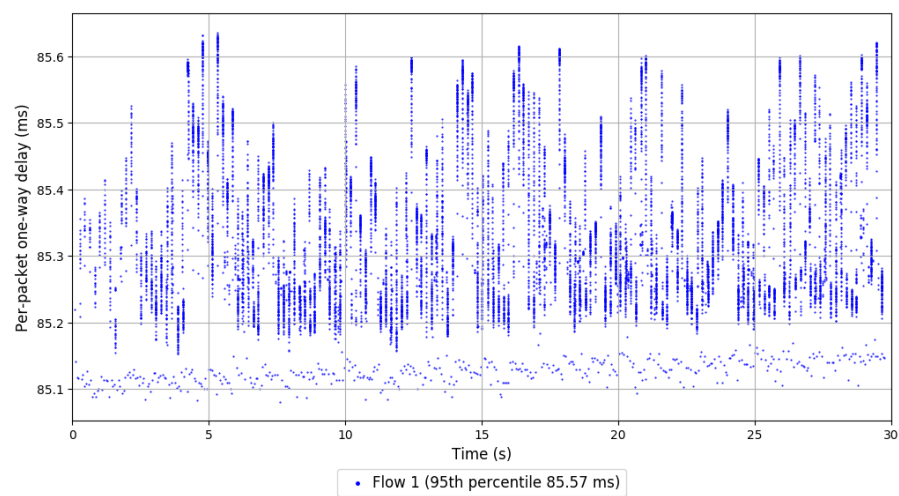
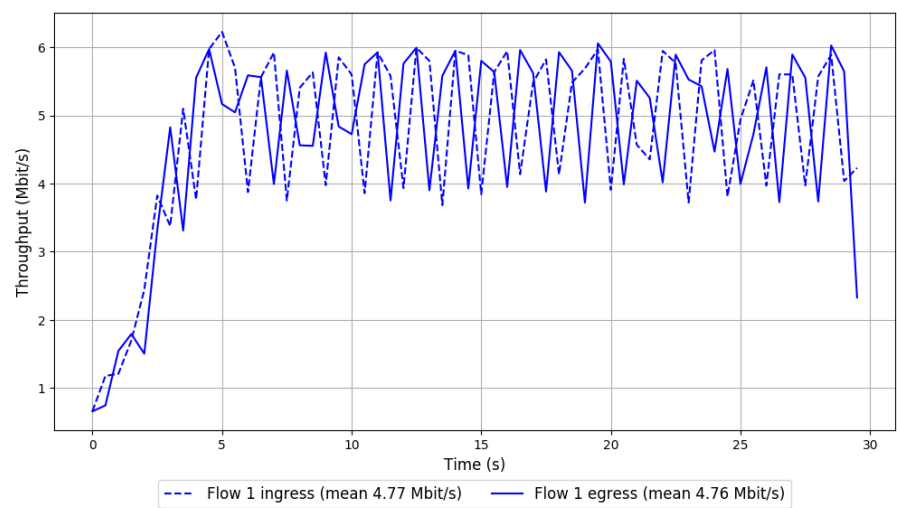


Run 6: Statistics of Sprout

Start at: 2017-11-30 10:17:19  
End at: 2017-11-30 10:17:49  
Local clock offset: 1.49 ms  
Remote clock offset: -4.813 ms

# Below is generated by plot.py at 2017-11-30 14:55:34  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 4.76 Mbit/s  
95th percentile per-packet one-way delay: 85.566 ms  
Loss rate: 0.70%  
-- Flow 1:  
Average throughput: 4.76 Mbit/s  
95th percentile per-packet one-way delay: 85.566 ms  
Loss rate: 0.70%

Run 6: Report of Sprout — Data Link



Run 7: Statistics of Sprout

Start at: 2017-11-30 10:35:10

End at: 2017-11-30 10:35:40

Local clock offset: 1.375 ms

Remote clock offset: 1.249 ms

# Below is generated by plot.py at 2017-11-30 14:55:34

# Datalink statistics

-- Total of 1 flow:

Average throughput: 4.81 Mbit/s

95th percentile per-packet one-way delay: 81.685 ms

Loss rate: 0.63%

-- Flow 1:

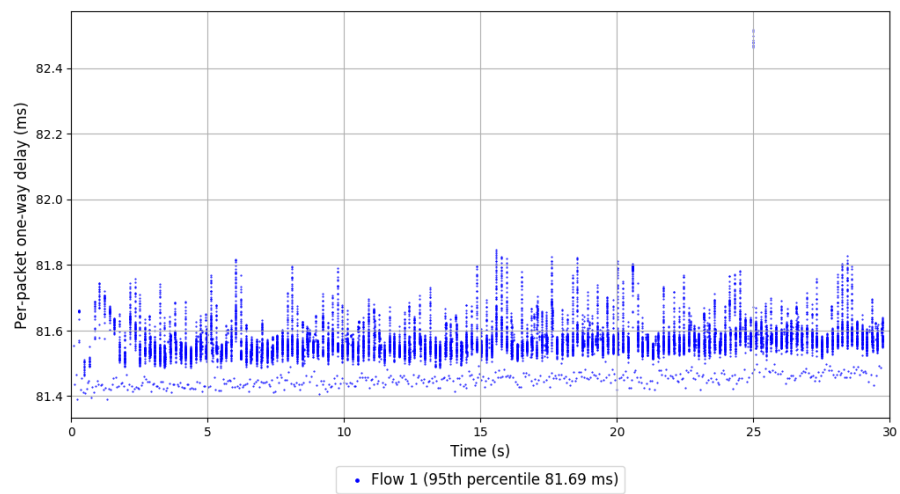
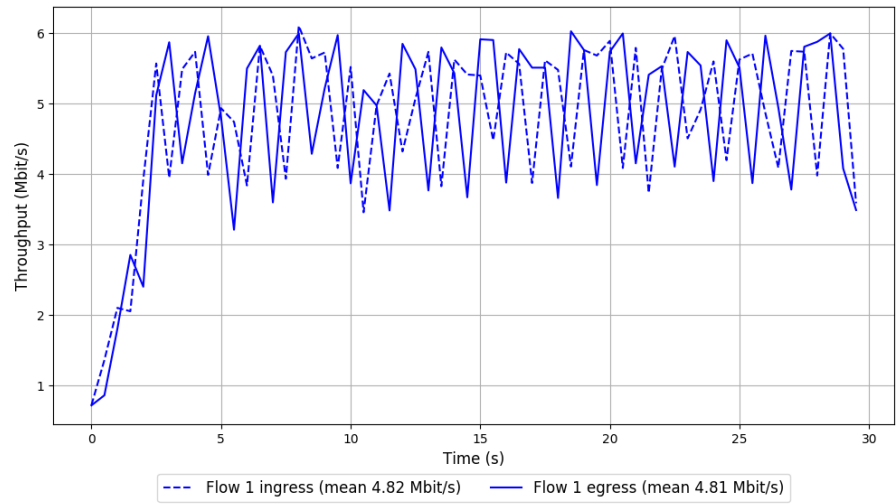
Average throughput: 4.81 Mbit/s

95th percentile per-packet one-way delay: 81.685 ms

Loss rate: 0.63%



## Run 7: Report of Sprout — Data Link

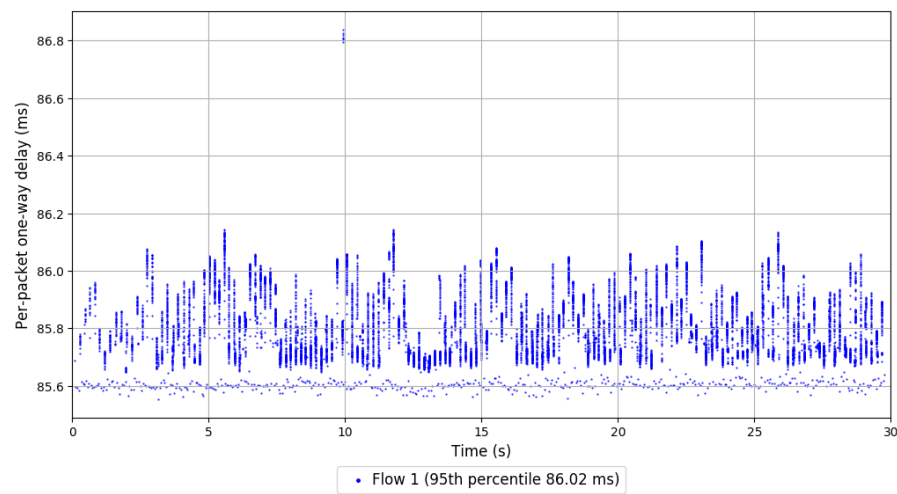
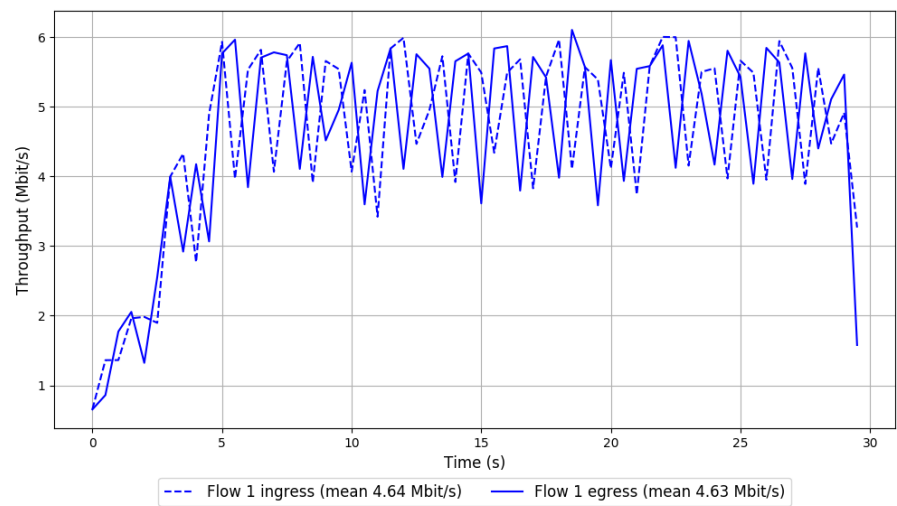


Run 8: Statistics of Sprout

Start at: 2017-11-30 10:53:27  
End at: 2017-11-30 10:53:57  
Local clock offset: 1.068 ms  
Remote clock offset: -1.763 ms

# Below is generated by plot.py at 2017-11-30 14:55:34  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 4.63 Mbit/s  
95th percentile per-packet one-way delay: 86.024 ms  
Loss rate: 0.61%  
-- Flow 1:  
Average throughput: 4.63 Mbit/s  
95th percentile per-packet one-way delay: 86.024 ms  
Loss rate: 0.61%

Run 8: Report of Sprout — Data Link



Run 9: Statistics of Sprout

Start at: 2017-11-30 11:11:25

End at: 2017-11-30 11:11:55

Local clock offset: 0.704 ms

Remote clock offset: 2.926 ms

# Below is generated by plot.py at 2017-11-30 14:55:34

# Datalink statistics

-- Total of 1 flow:

Average throughput: 4.52 Mbit/s

95th percentile per-packet one-way delay: 82.911 ms

Loss rate: 0.73%

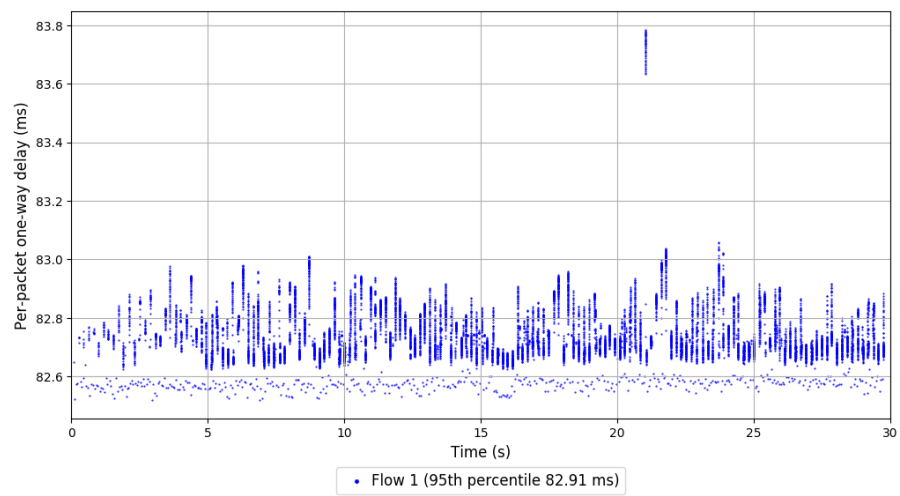
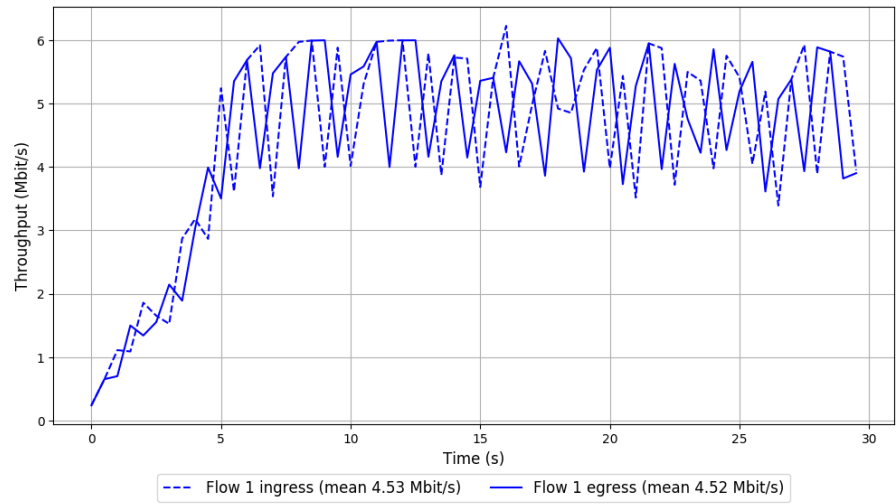
-- Flow 1:

Average throughput: 4.52 Mbit/s

95th percentile per-packet one-way delay: 82.911 ms

Loss rate: 0.73%

### Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: 2017-11-30 11:29:21

End at: 2017-11-30 11:29:51

Local clock offset: 0.566 ms

Remote clock offset: 3.764 ms

# Below is generated by plot.py at 2017-11-30 14:55:34

# Datalink statistics

-- Total of 1 flow:

Average throughput: 4.50 Mbit/s

95th percentile per-packet one-way delay: 82.876 ms

Loss rate: 0.29%

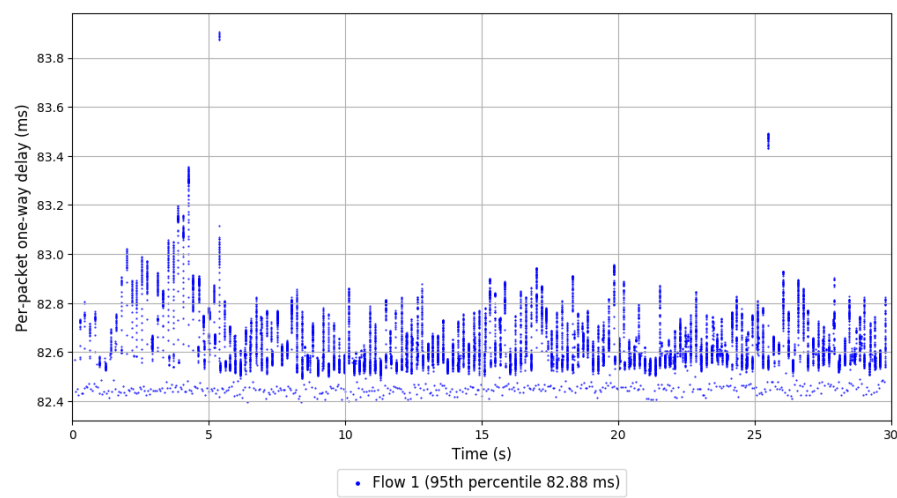
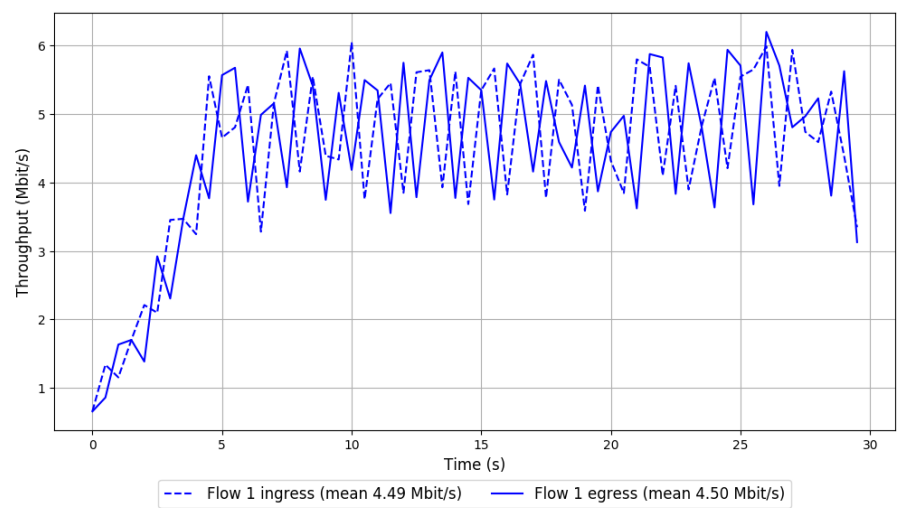
-- Flow 1:

Average throughput: 4.50 Mbit/s

95th percentile per-packet one-way delay: 82.876 ms

Loss rate: 0.29%

Run 10: Report of Sprout — Data Link



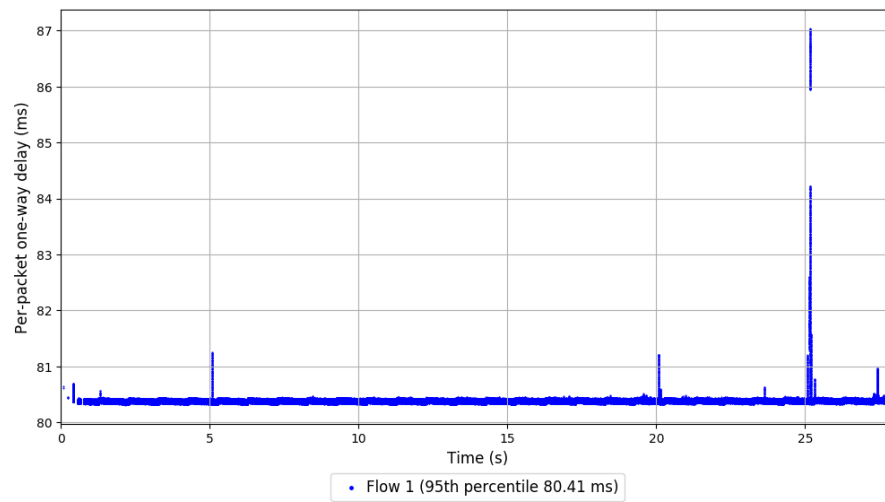
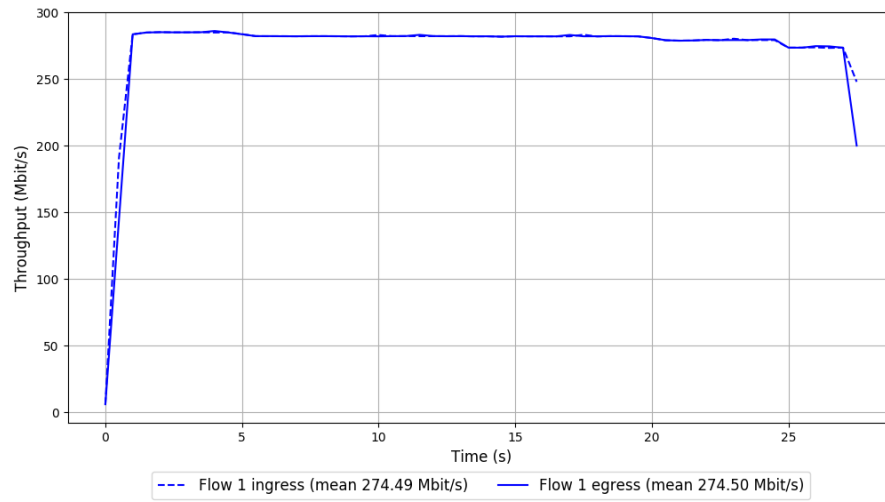
```
Run 1: Statistics of TaoVA-100x

Start at: 2017-11-30 09:04:01
End at: 2017-11-30 09:04:31
Local clock offset: 1.255 ms
Remote clock offset: -2.907 ms

# Below is generated by plot.py at 2017-11-30 14:59:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 274.50 Mbit/s
95th percentile per-packet one-way delay: 80.413 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 274.50 Mbit/s
95th percentile per-packet one-way delay: 80.413 ms
Loss rate: 0.59%
```



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



Run 2: Statistics of TaoVA-100x

Start at: 2017-11-30 09:21:55

End at: 2017-11-30 09:22:25

Local clock offset: 1.46 ms

Remote clock offset: -3.032 ms

# Below is generated by plot.py at 2017-11-30 14:59:57

# Datalink statistics

-- Total of 1 flow:

Average throughput: 248.37 Mbit/s

95th percentile per-packet one-way delay: 80.718 ms

Loss rate: 0.49%

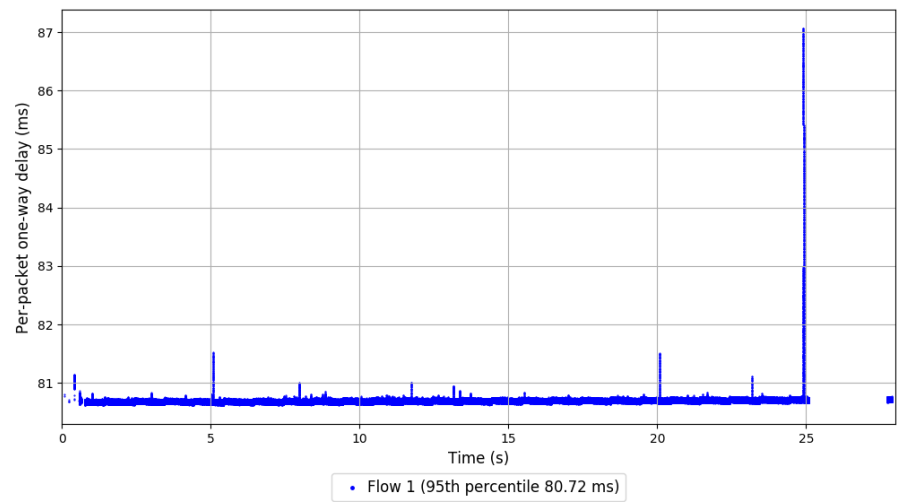
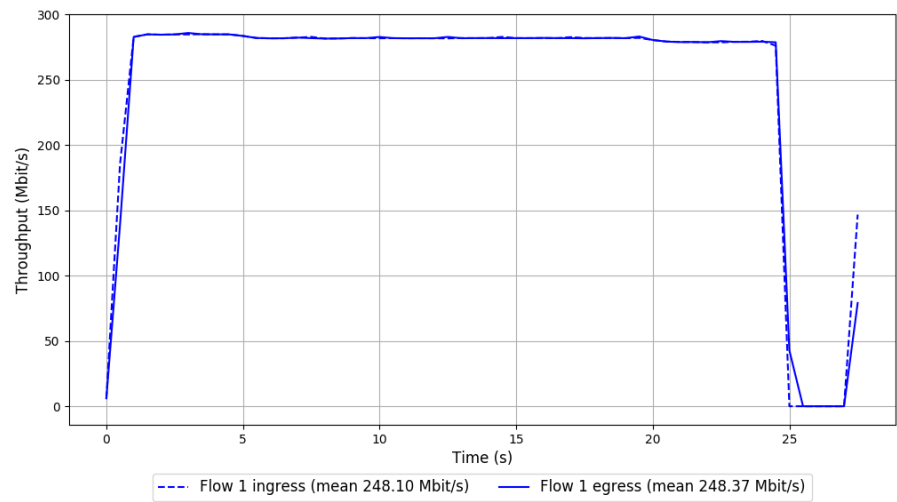
-- Flow 1:

Average throughput: 248.37 Mbit/s

95th percentile per-packet one-way delay: 80.718 ms

Loss rate: 0.49%

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



Run 3: Statistics of TaoVA-100x

Start at: 2017-11-30 09:39:48

End at: 2017-11-30 09:40:18

Local clock offset: 1.48 ms

Remote clock offset: -0.576 ms

# Below is generated by plot.py at 2017-11-30 14:59:57

# Datalink statistics

-- Total of 1 flow:

Average throughput: 271.08 Mbit/s

95th percentile per-packet one-way delay: 81.546 ms

Loss rate: 0.59%

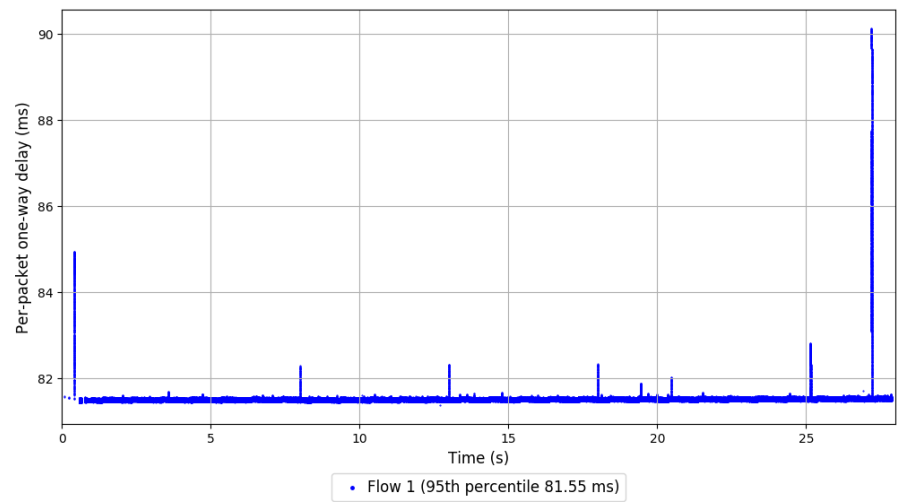
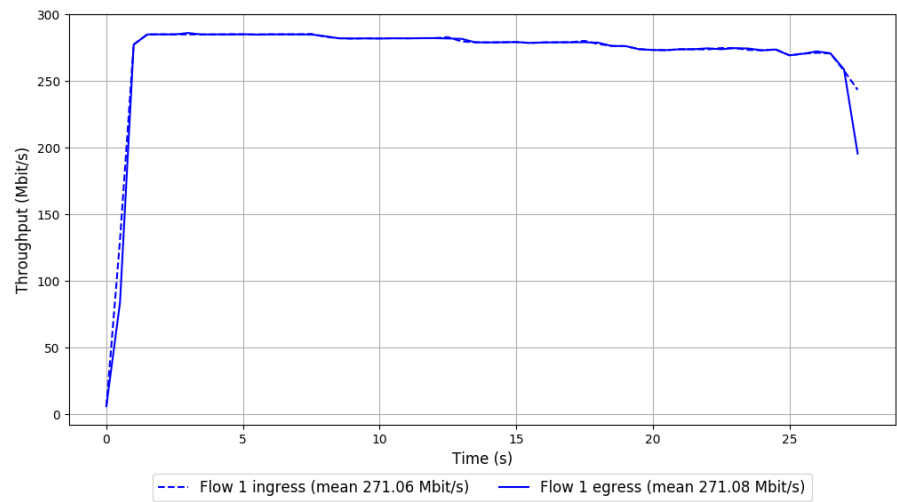
-- Flow 1:

Average throughput: 271.08 Mbit/s

95th percentile per-packet one-way delay: 81.546 ms

Loss rate: 0.59%

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



Run 4: Statistics of TaoVA-100x

Start at: 2017-11-30 09:57:46

End at: 2017-11-30 09:58:16

Local clock offset: 1.683 ms

Remote clock offset: 0.416 ms

# Below is generated by plot.py at 2017-11-30 14:59:57

# Datalink statistics

-- Total of 1 flow:

Average throughput: 267.29 Mbit/s

95th percentile per-packet one-way delay: 80.351 ms

Loss rate: 0.59%

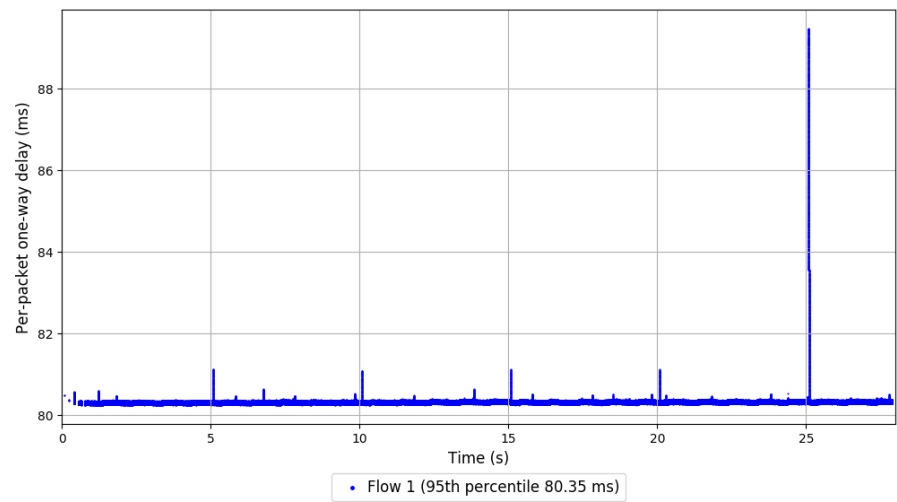
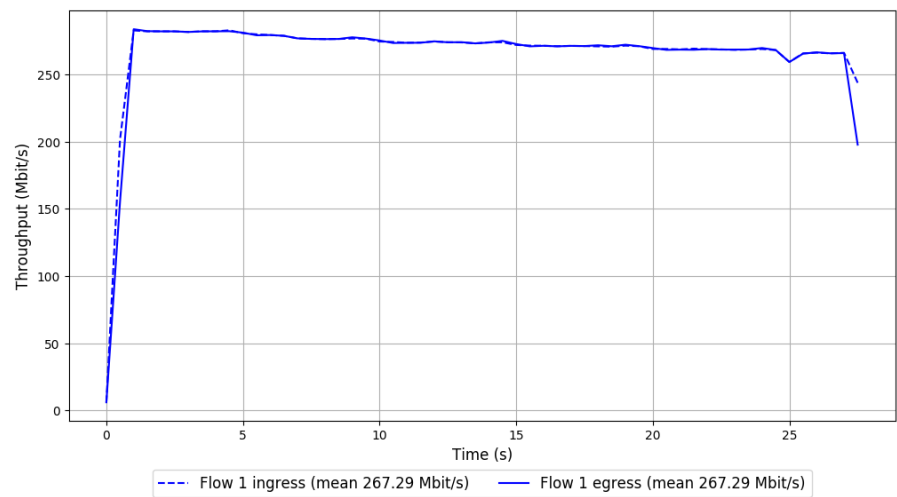
-- Flow 1:

Average throughput: 267.29 Mbit/s

95th percentile per-packet one-way delay: 80.351 ms

Loss rate: 0.59%

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



Run 5: Statistics of TaoVA-100x

Start at: 2017-11-30 10:15:44

End at: 2017-11-30 10:16:14

Local clock offset: 1.52 ms

Remote clock offset: 0.666 ms

# Below is generated by plot.py at 2017-11-30 15:00:10

# Datalink statistics

-- Total of 1 flow:

Average throughput: 276.43 Mbit/s

95th percentile per-packet one-way delay: 81.335 ms

Loss rate: 0.62%

-- Flow 1:

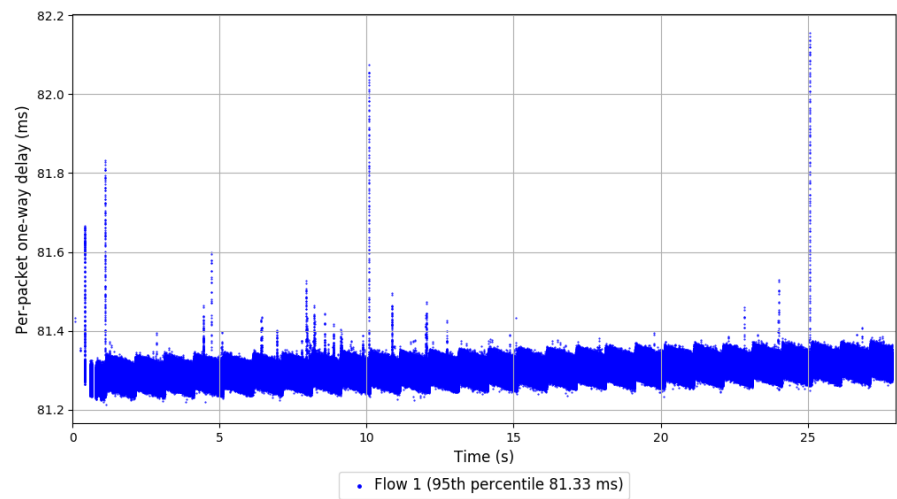
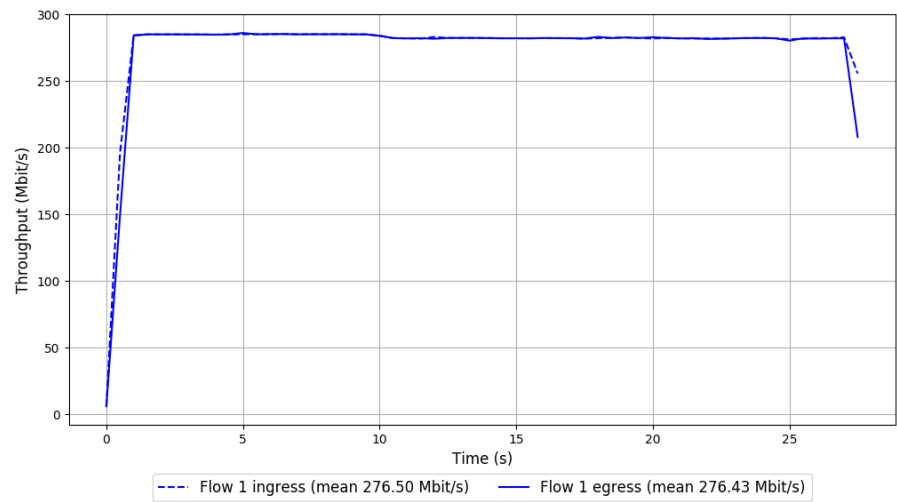
Average throughput: 276.43 Mbit/s

95th percentile per-packet one-way delay: 81.335 ms

Loss rate: 0.62%



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



Run 6: Statistics of TaoVA-100x

Start at: 2017-11-30 10:33:38

End at: 2017-11-30 10:34:08

Local clock offset: 1.366 ms

Remote clock offset: -3.744 ms

# Below is generated by plot.py at 2017-11-30 15:00:10

# Datalink statistics

-- Total of 1 flow:

Average throughput: 273.41 Mbit/s

95th percentile per-packet one-way delay: 86.702 ms

Loss rate: 0.00%

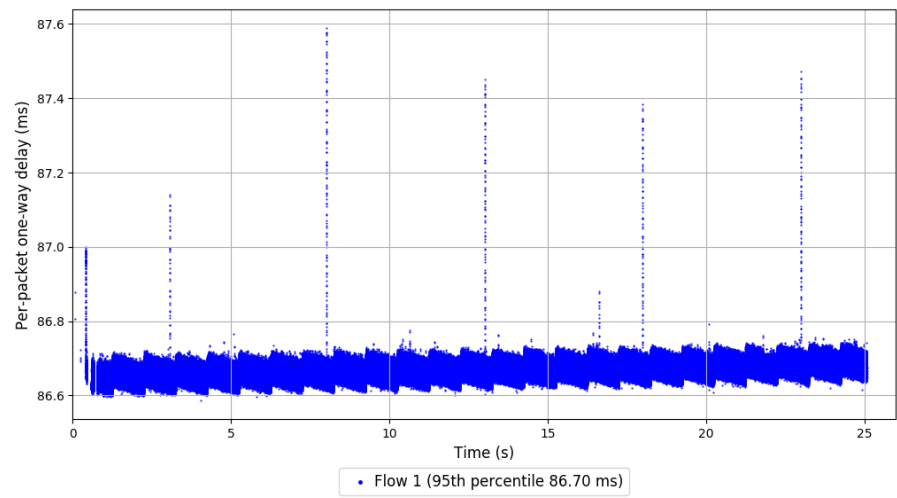
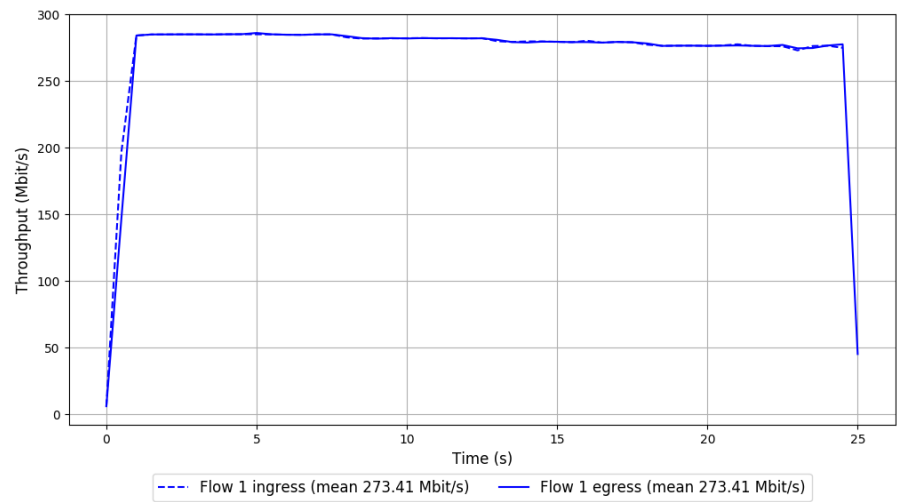
-- Flow 1:

Average throughput: 273.41 Mbit/s

95th percentile per-packet one-way delay: 86.702 ms

Loss rate: 0.00%

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

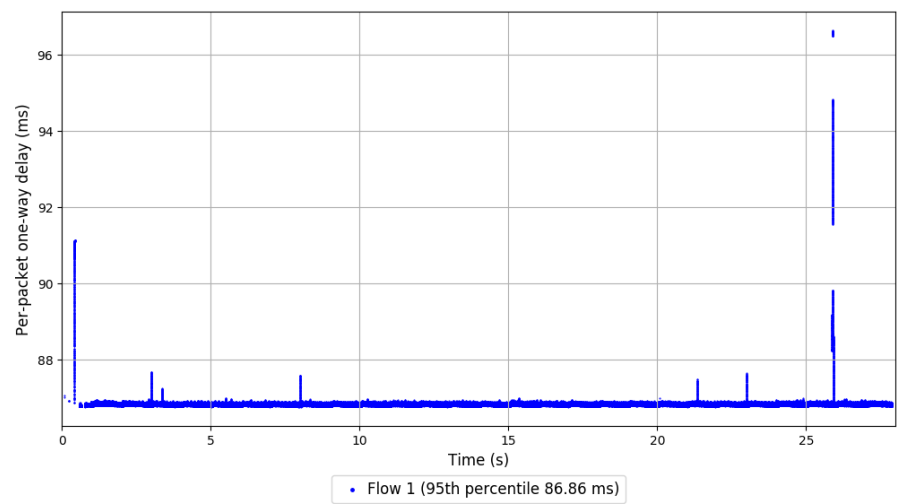
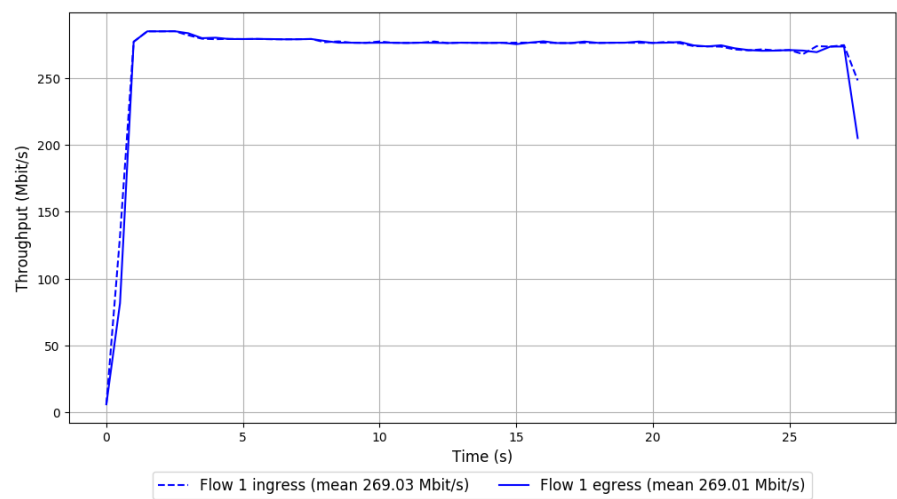


Run 7: Statistics of TaoVA-100x

Start at: 2017-11-30 10:51:55  
End at: 2017-11-30 10:52:25  
Local clock offset: 1.071 ms  
Remote clock offset: -2.921 ms

# Below is generated by plot.py at 2017-11-30 15:02:18  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 269.01 Mbit/s  
95th percentile per-packet one-way delay: 86.863 ms  
Loss rate: 0.61%  
-- Flow 1:  
Average throughput: 269.01 Mbit/s  
95th percentile per-packet one-way delay: 86.863 ms  
Loss rate: 0.61%

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



Run 8: Statistics of TaoVA-100x

Start at: 2017-11-30 11:09:52

End at: 2017-11-30 11:10:22

Local clock offset: 0.8 ms

Remote clock offset: 4.097 ms

# Below is generated by plot.py at 2017-11-30 15:02:35

# Datalink statistics

-- Total of 1 flow:

Average throughput: 275.08 Mbit/s

95th percentile per-packet one-way delay: 79.545 ms

Loss rate: 0.60%

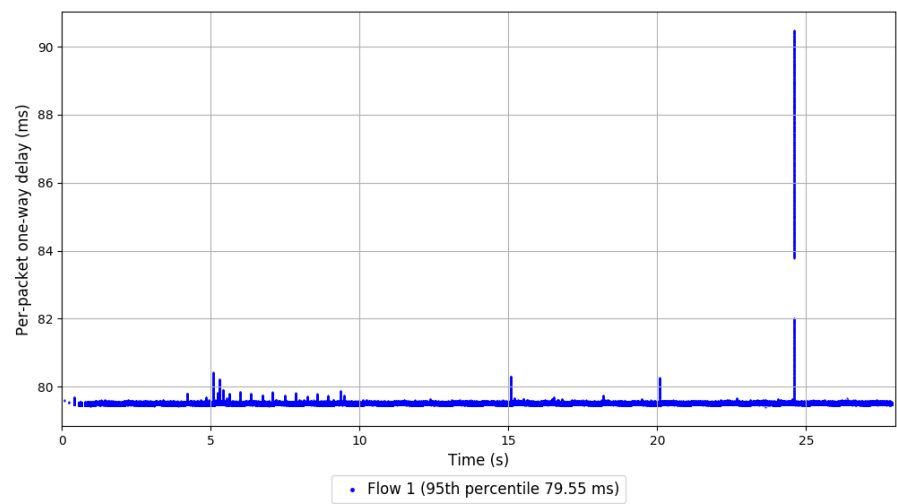
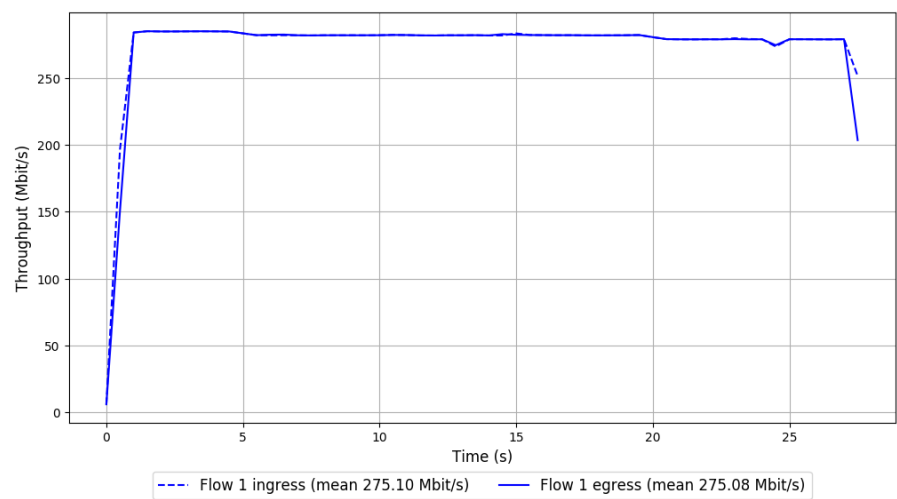
-- Flow 1:

Average throughput: 275.08 Mbit/s

95th percentile per-packet one-way delay: 79.545 ms

Loss rate: 0.60%

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



Run 9: Statistics of TaoVA-100x

Start at: 2017-11-30 11:27:49

End at: 2017-11-30 11:28:19

Local clock offset: 0.574 ms

Remote clock offset: 2.945 ms

# Below is generated by plot.py at 2017-11-30 15:06:11

# Datalink statistics

-- Total of 1 flow:

Average throughput: 267.39 Mbit/s

95th percentile per-packet one-way delay: 81.540 ms

Loss rate: 0.58%

-- Flow 1:

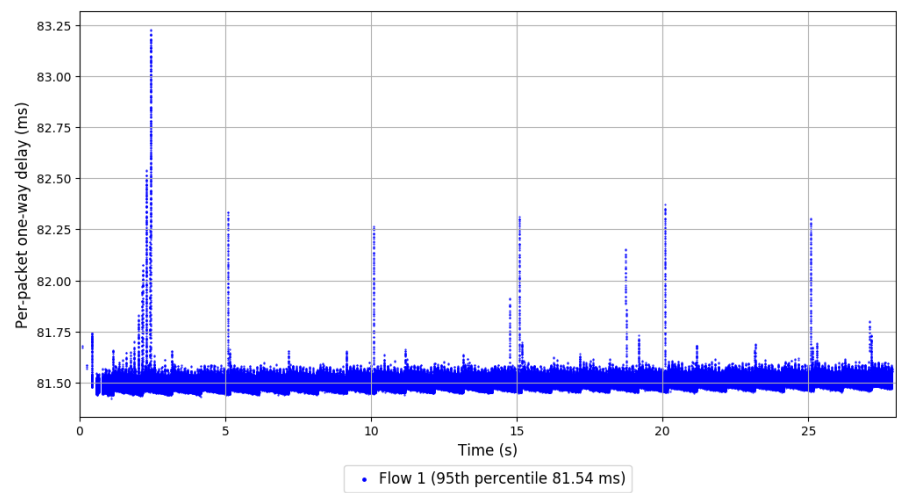
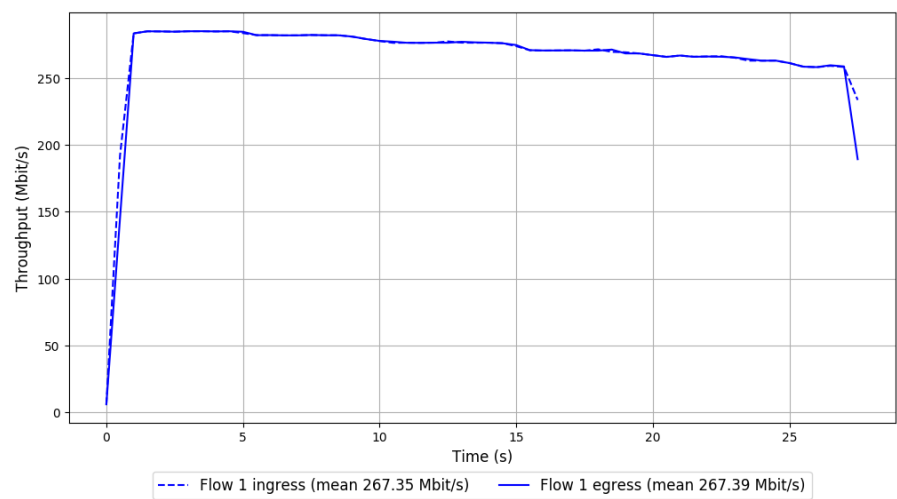
Average throughput: 267.39 Mbit/s

95th percentile per-packet one-way delay: 81.540 ms

Loss rate: 0.58%



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



Run 10: Statistics of TaoVA-100x

Start at: 2017-11-30 11:45:44

End at: 2017-11-30 11:46:14

Local clock offset: 0.277 ms

Remote clock offset: -0.819 ms

# Below is generated by plot.py at 2017-11-30 15:06:27

# Datalink statistics

-- Total of 1 flow:

Average throughput: 275.20 Mbit/s

95th percentile per-packet one-way delay: 83.968 ms

Loss rate: 0.59%

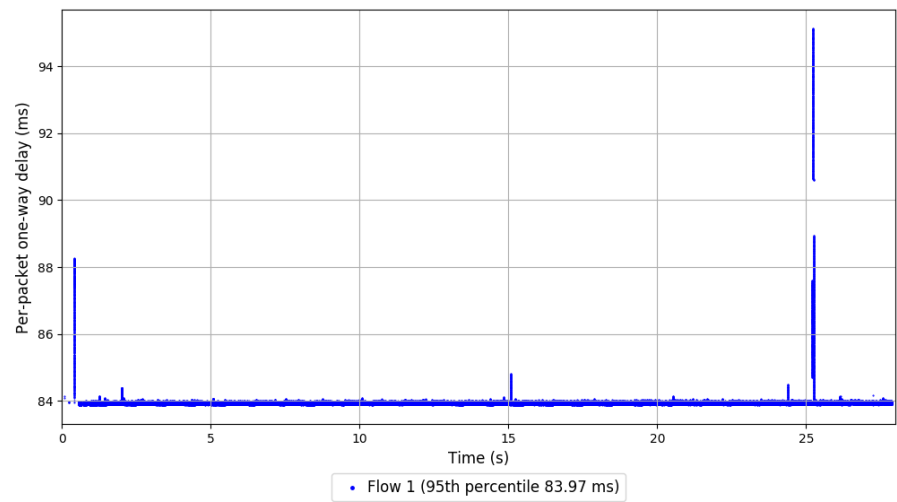
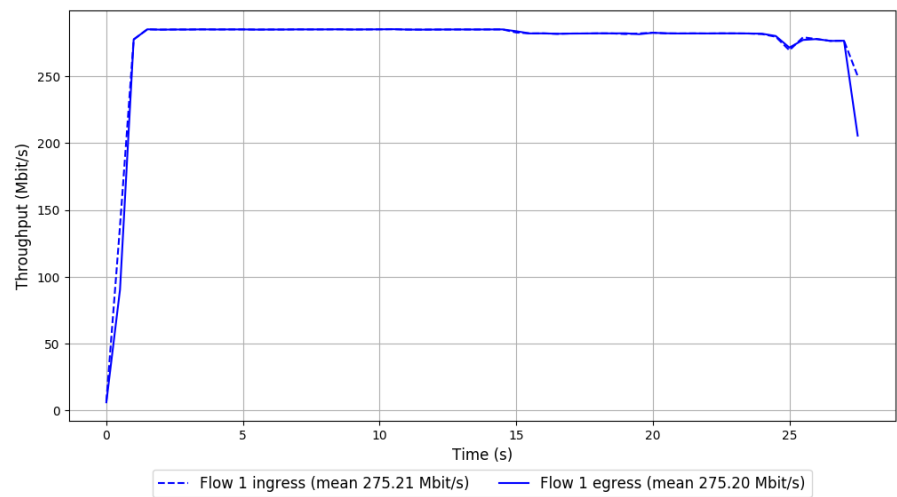
-- Flow 1:

Average throughput: 275.20 Mbit/s

95th percentile per-packet one-way delay: 83.968 ms

Loss rate: 0.59%

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



Run 1: Statistics of TCP Vegas

Start at: 2017-11-30 08:51:22

End at: 2017-11-30 08:51:52

Local clock offset: 1.222 ms

Remote clock offset: -3.504 ms

# Below is generated by plot.py at 2017-11-30 15:06:27

# Datalink statistics

-- Total of 1 flow:

Average throughput: 83.63 Mbit/s

95th percentile per-packet one-way delay: 80.700 ms

Loss rate: 0.62%

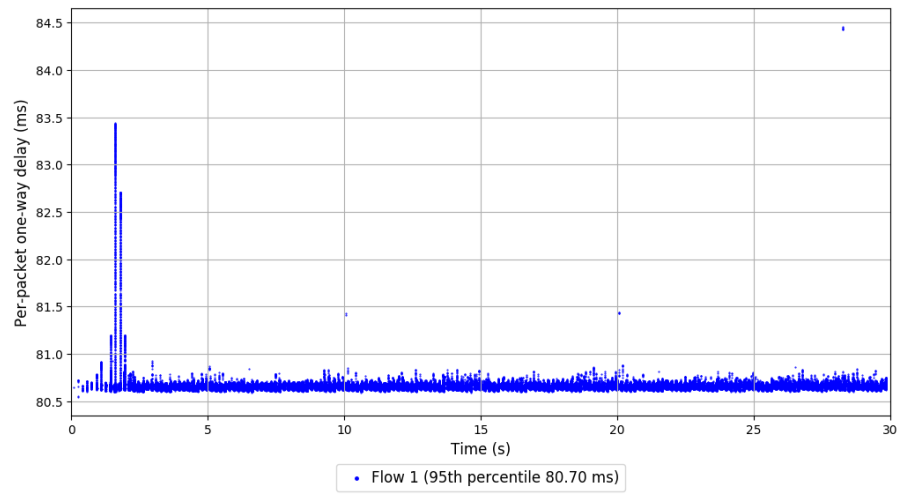
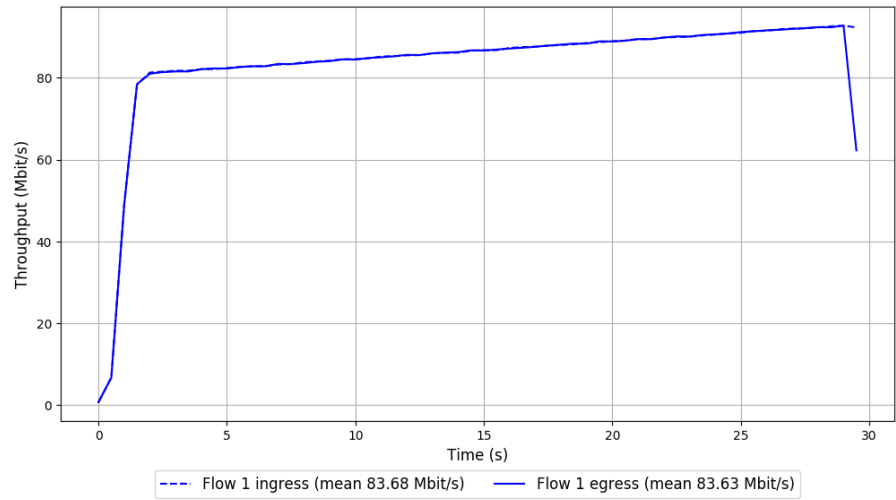
-- Flow 1:

Average throughput: 83.63 Mbit/s

95th percentile per-packet one-way delay: 80.700 ms

Loss rate: 0.62%

### Run 1: Report of TCP Vegas — Data Link

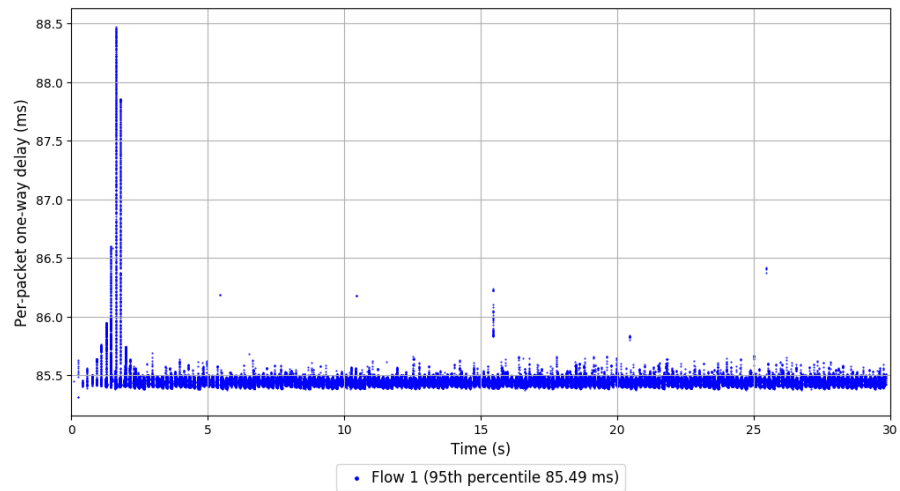
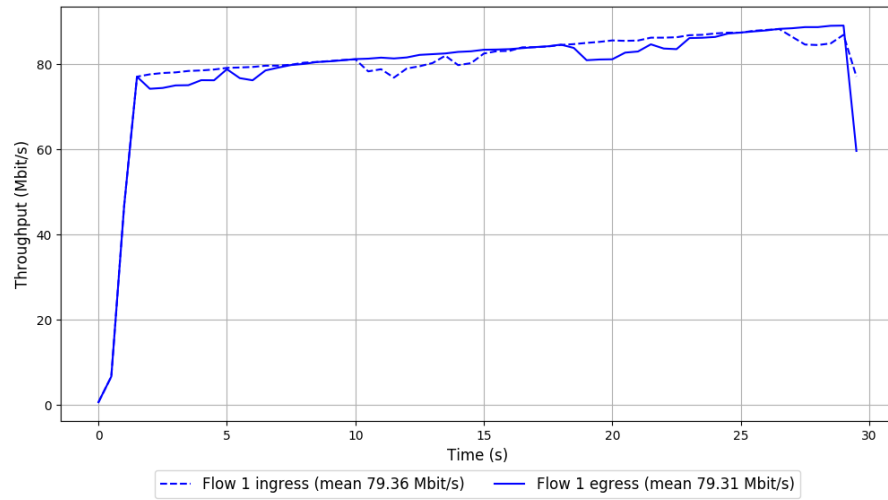


Run 2: Statistics of TCP Vegas

Start at: 2017-11-30 09:09:13  
End at: 2017-11-30 09:09:43  
Local clock offset: 1.322 ms  
Remote clock offset: -8.002 ms

# Below is generated by plot.py at 2017-11-30 15:06:27  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 79.31 Mbit/s  
95th percentile per-packet one-way delay: 85.486 ms  
Loss rate: 0.63%  
-- Flow 1:  
Average throughput: 79.31 Mbit/s  
95th percentile per-packet one-way delay: 85.486 ms  
Loss rate: 0.63%

## Run 2: Report of TCP Vegas — Data Link



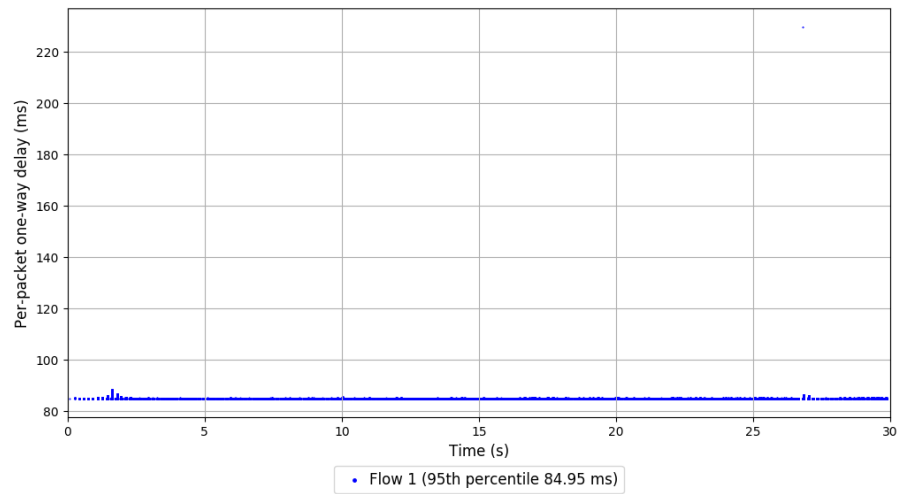
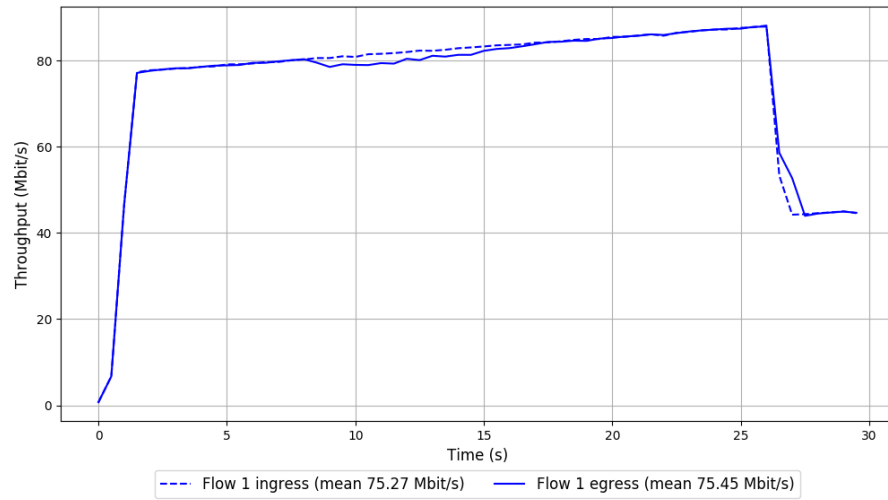
Run 3: Statistics of TCP Vegas

Start at: 2017-11-30 09:27:05  
End at: 2017-11-30 09:27:35  
Local clock offset: 1.433 ms  
Remote clock offset: -7.934 ms

# Below is generated by plot.py at 2017-11-30 15:06:27  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 75.45 Mbit/s  
95th percentile per-packet one-way delay: 84.950 ms  
Loss rate: 0.33%  
-- Flow 1:  
Average throughput: 75.45 Mbit/s  
95th percentile per-packet one-way delay: 84.950 ms  
Loss rate: 0.33%



### Run 3: Report of TCP Vegas — Data Link

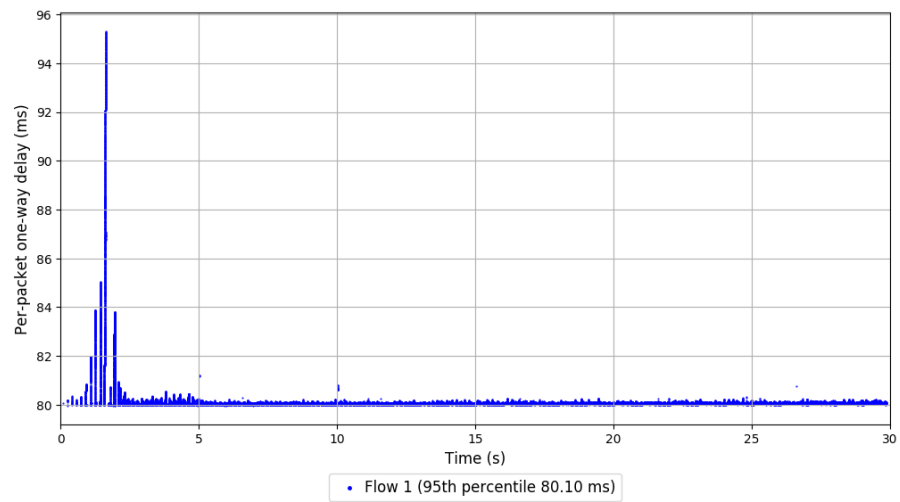
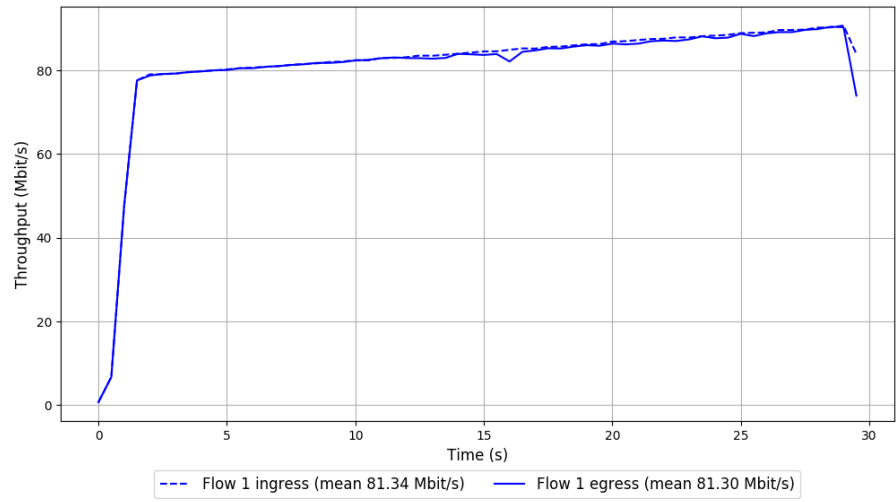


Run 4: Statistics of TCP Vegas

Start at: 2017-11-30 09:45:00  
End at: 2017-11-30 09:45:30  
Local clock offset: 1.549 ms  
Remote clock offset: -1.436 ms

# Below is generated by plot.py at 2017-11-30 15:06:27  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 81.30 Mbit/s  
95th percentile per-packet one-way delay: 80.096 ms  
Loss rate: 0.60%  
-- Flow 1:  
Average throughput: 81.30 Mbit/s  
95th percentile per-packet one-way delay: 80.096 ms  
Loss rate: 0.60%

#### Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: 2017-11-30 10:02:58

End at: 2017-11-30 10:03:28

Local clock offset: 1.606 ms

Remote clock offset: 0.757 ms

# Below is generated by plot.py at 2017-11-30 15:06:27

# Datalink statistics

-- Total of 1 flow:

Average throughput: 81.95 Mbit/s

95th percentile per-packet one-way delay: 79.949 ms

Loss rate: 0.62%

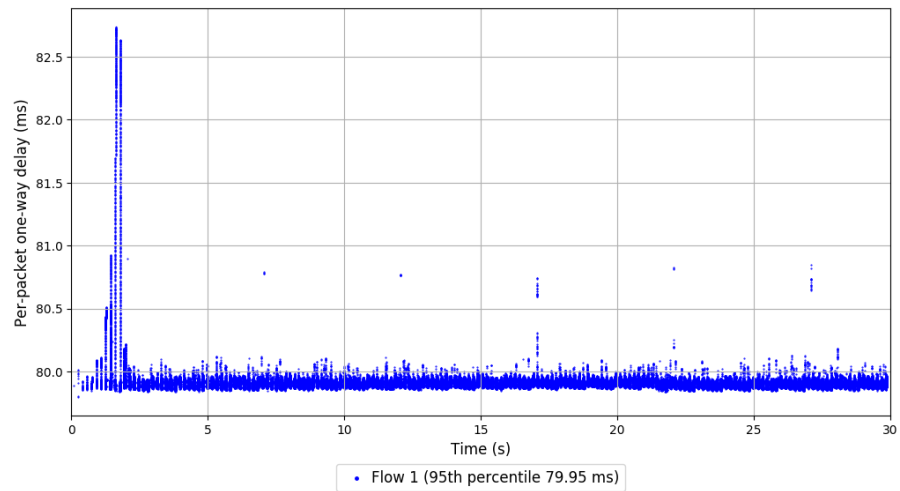
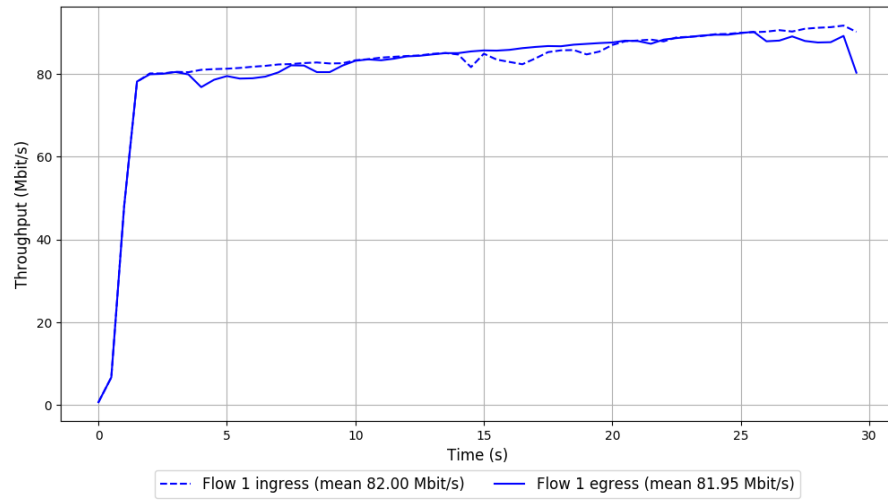
-- Flow 1:

Average throughput: 81.95 Mbit/s

95th percentile per-packet one-way delay: 79.949 ms

Loss rate: 0.62%

### Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: 2017-11-30 10:20:58

End at: 2017-11-30 10:21:28

Local clock offset: 1.489 ms

Remote clock offset: 0.2 ms

# Below is generated by plot.py at 2017-11-30 15:06:27

# Datalink statistics

-- Total of 1 flow:

Average throughput: 81.31 Mbit/s

95th percentile per-packet one-way delay: 81.779 ms

Loss rate: 0.62%

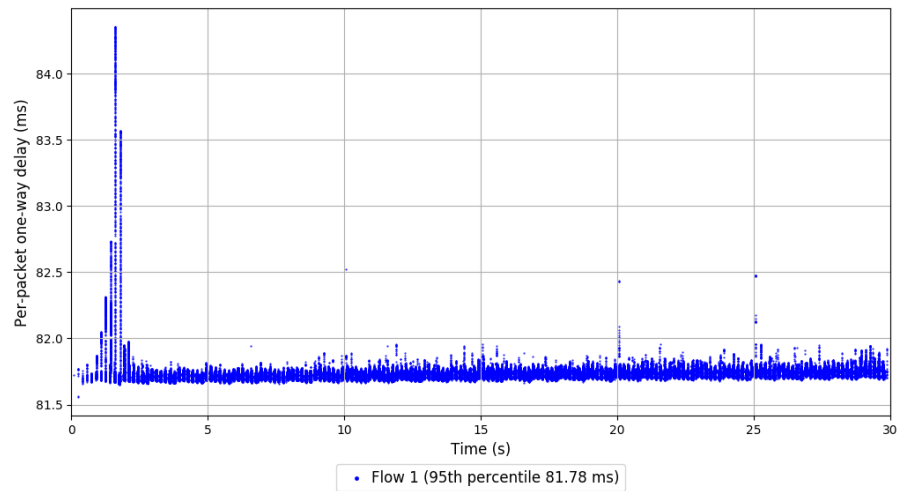
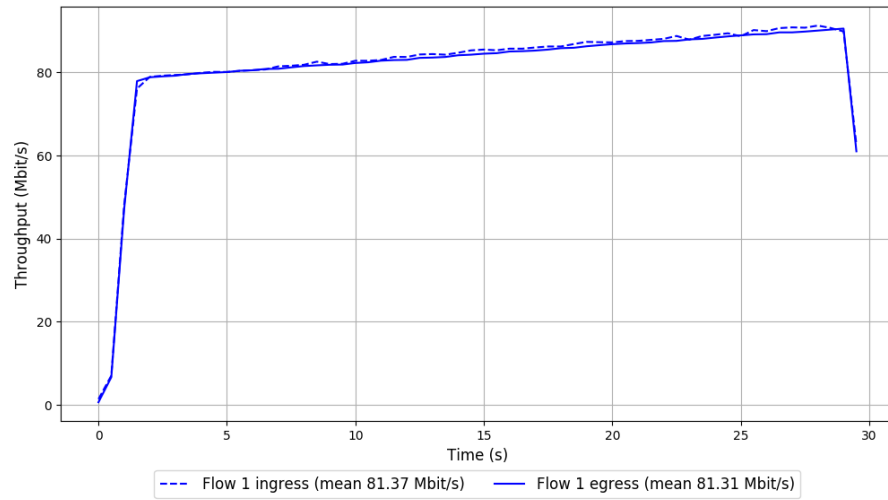
-- Flow 1:

Average throughput: 81.31 Mbit/s

95th percentile per-packet one-way delay: 81.779 ms

Loss rate: 0.62%

## Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: 2017-11-30 10:38:50

End at: 2017-11-30 10:39:20

Local clock offset: 1.265 ms

Remote clock offset: 2.245 ms

# Below is generated by plot.py at 2017-11-30 15:06:27

# Datalink statistics

-- Total of 1 flow:

Average throughput: 44.21 Mbit/s

95th percentile per-packet one-way delay: 80.890 ms

Loss rate: 0.65%

-- Flow 1:

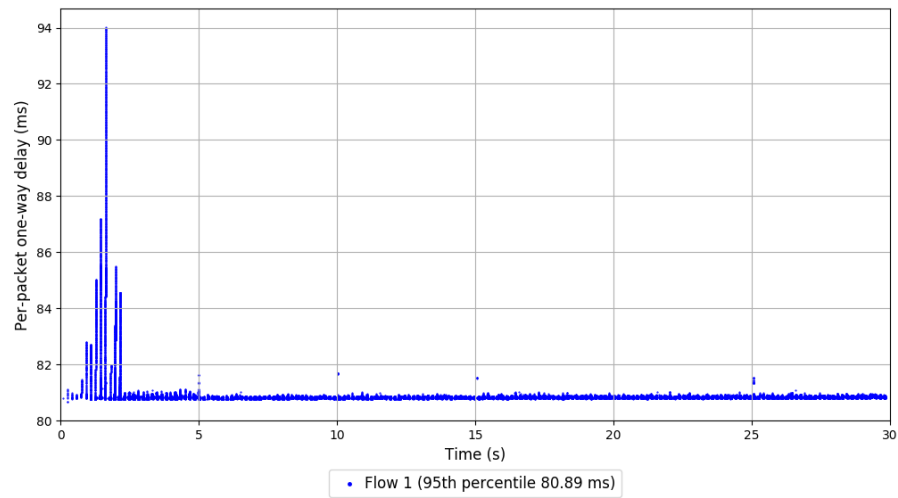
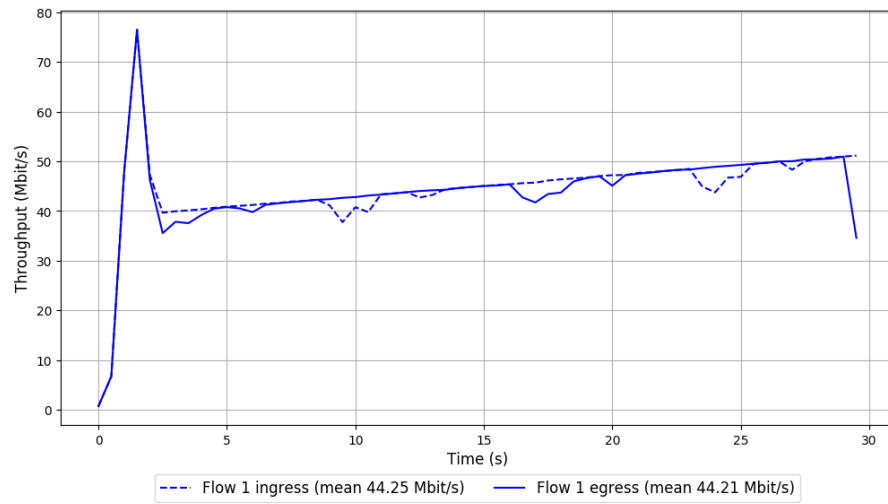
Average throughput: 44.21 Mbit/s

95th percentile per-packet one-way delay: 80.890 ms

Loss rate: 0.65%



### Run 7: Report of TCP Vegas — Data Link

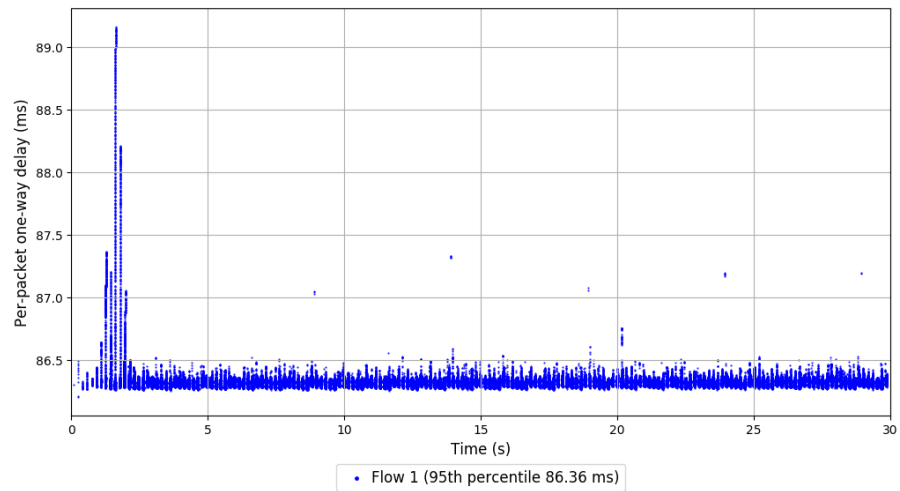
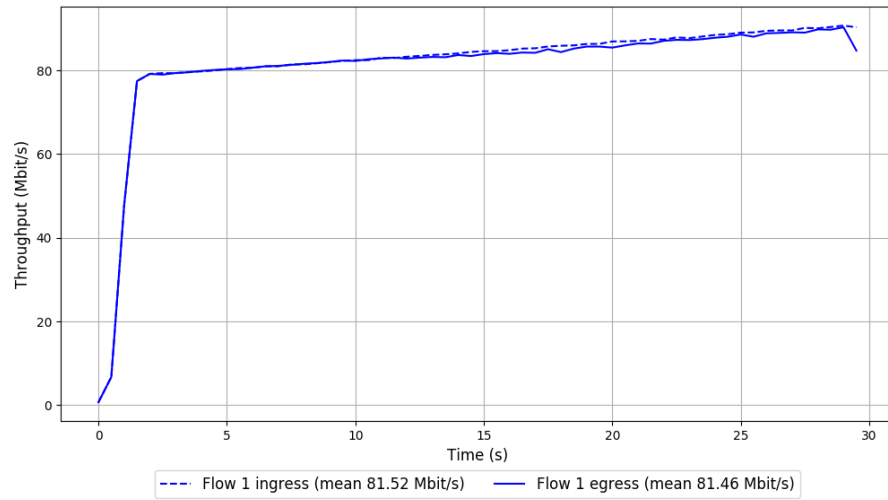


Run 8: Statistics of TCP Vegas

Start at: 2017-11-30 10:57:06  
End at: 2017-11-30 10:57:36  
Local clock offset: 0.993 ms  
Remote clock offset: -2.553 ms

# Below is generated by plot.py at 2017-11-30 15:06:27  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 81.46 Mbit/s  
95th percentile per-packet one-way delay: 86.365 ms  
Loss rate: 0.62%  
-- Flow 1:  
Average throughput: 81.46 Mbit/s  
95th percentile per-packet one-way delay: 86.365 ms  
Loss rate: 0.62%

### Run 8: Report of TCP Vegas — Data Link



Run 9: Statistics of TCP Vegas

Start at: 2017-11-30 11:15:04

End at: 2017-11-30 11:15:34

Local clock offset: 0.755 ms

Remote clock offset: 2.951 ms

# Below is generated by plot.py at 2017-11-30 15:06:27

# Datalink statistics

-- Total of 1 flow:

Average throughput: 62.68 Mbit/s

95th percentile per-packet one-way delay: 79.421 ms

Loss rate: 0.42%

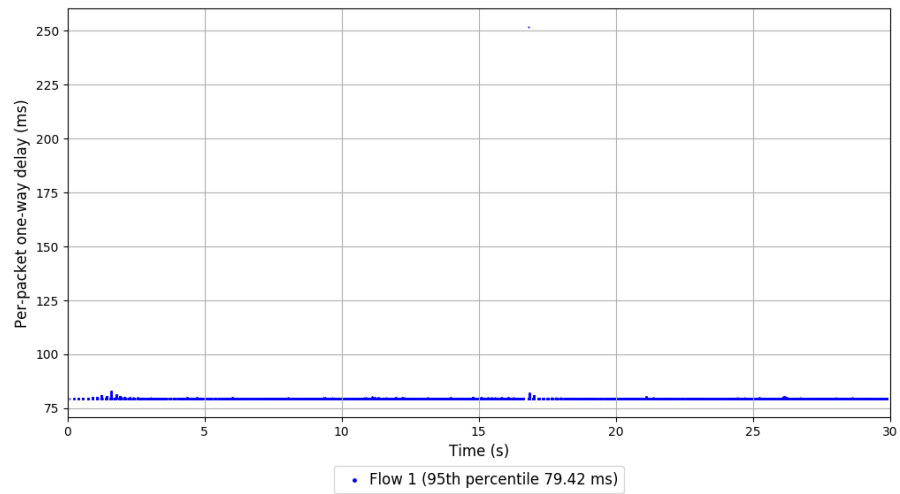
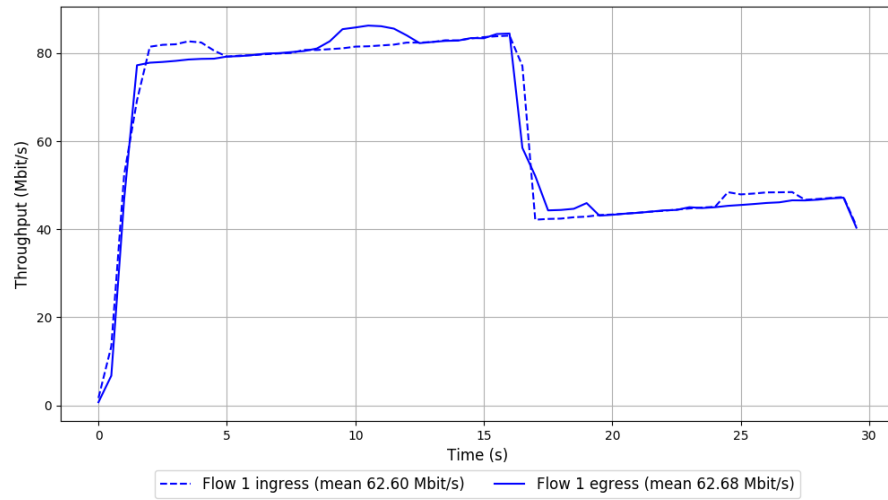
-- Flow 1:

Average throughput: 62.68 Mbit/s

95th percentile per-packet one-way delay: 79.421 ms

Loss rate: 0.42%

### Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: 2017-11-30 11:33:00

End at: 2017-11-30 11:33:30

Local clock offset: 0.481 ms

Remote clock offset: 2.731 ms

# Below is generated by plot.py at 2017-11-30 15:06:27

# Datalink statistics

-- Total of 1 flow:

Average throughput: 79.34 Mbit/s

95th percentile per-packet one-way delay: 81.621 ms

Loss rate: 0.59%

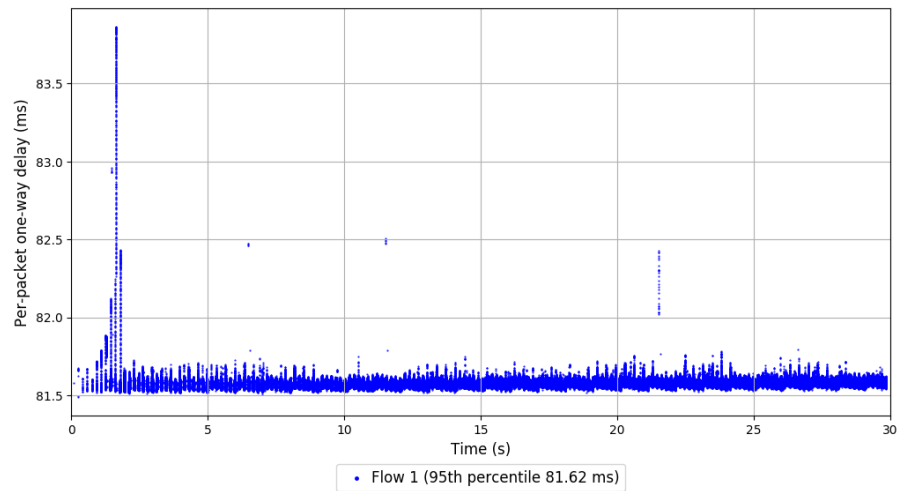
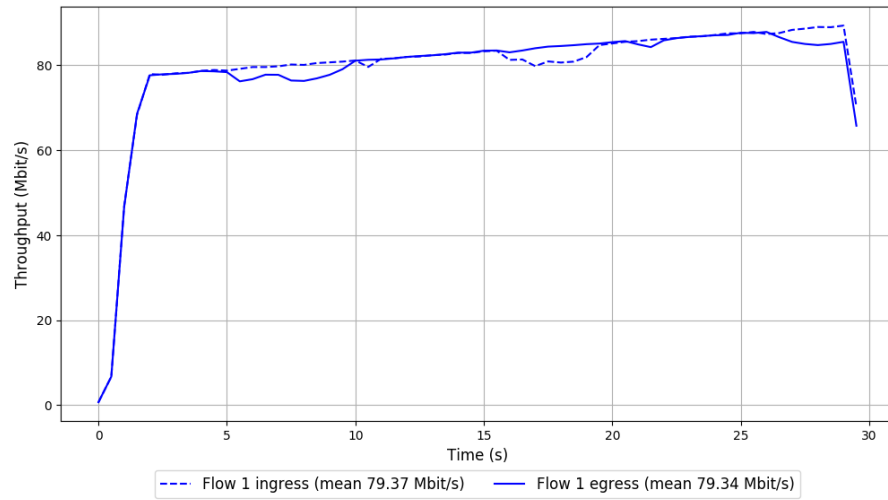
-- Flow 1:

Average throughput: 79.34 Mbit/s

95th percentile per-packet one-way delay: 81.621 ms

Loss rate: 0.59%

# Run 10: Report of TCP Vegas — Data Link



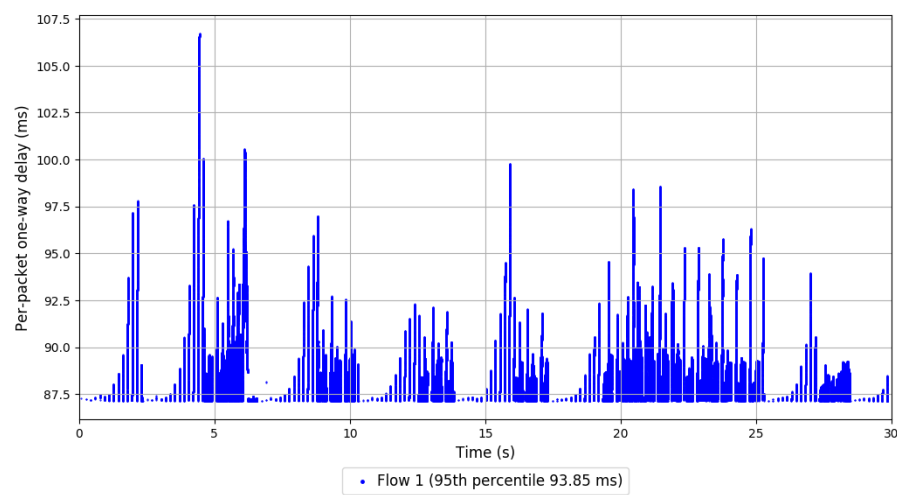
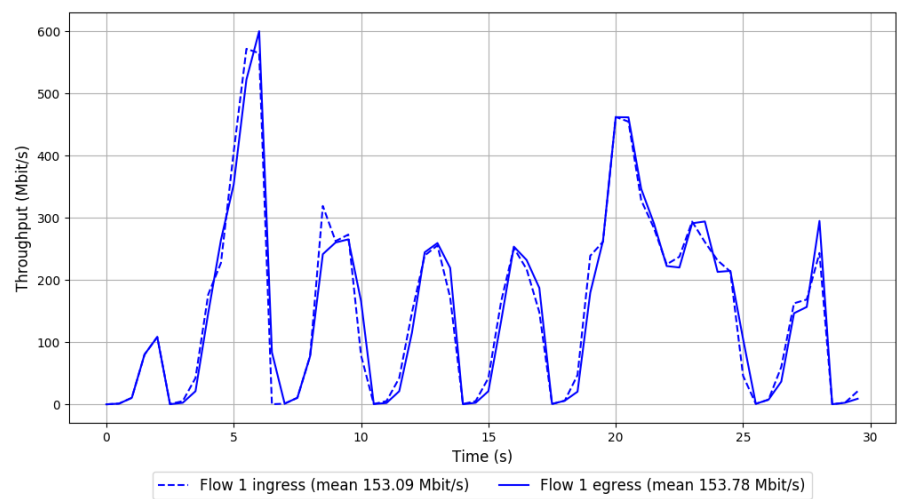
Run 1: Statistics of Verus

Start at: 2017-11-30 08:56:20  
End at: 2017-11-30 08:56:50  
Local clock offset: 1.157 ms  
Remote clock offset: -8.243 ms

# Below is generated by plot.py at 2017-11-30 15:06:27  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 153.78 Mbit/s  
95th percentile per-packet one-way delay: 93.853 ms  
Loss rate: 0.13%  
-- Flow 1:  
Average throughput: 153.78 Mbit/s  
95th percentile per-packet one-way delay: 93.853 ms  
Loss rate: 0.13%



Run 1: Report of Verus — Data Link

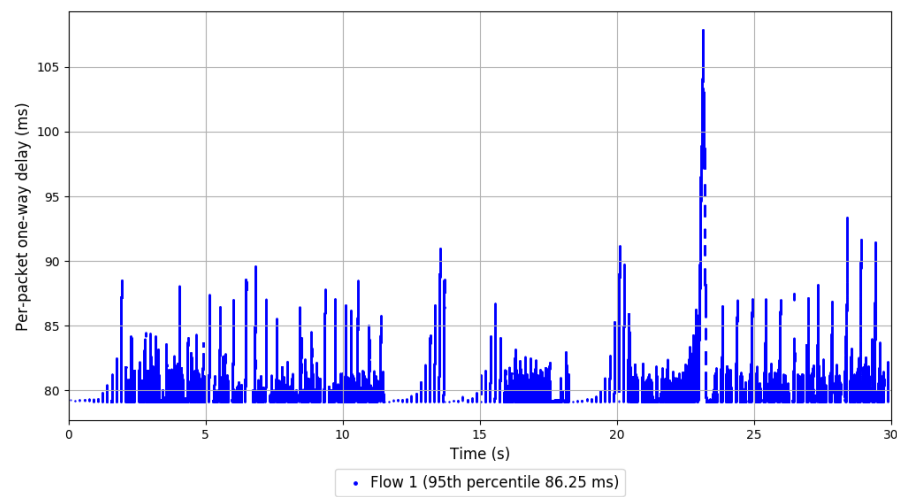
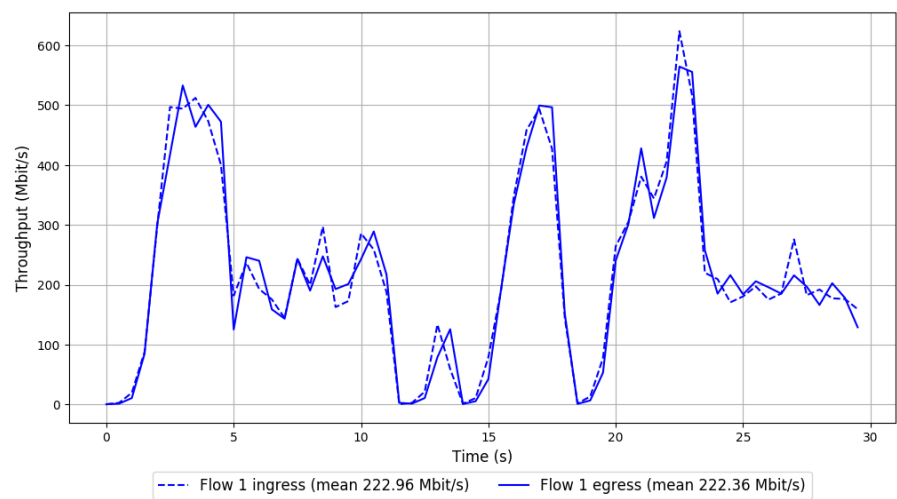


Run 2: Statistics of Verus

Start at: 2017-11-30 09:14:11  
End at: 2017-11-30 09:14:41  
Local clock offset: 1.393 ms  
Remote clock offset: -3.066 ms

# Below is generated by plot.py at 2017-11-30 15:06:27  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 222.36 Mbit/s  
95th percentile per-packet one-way delay: 86.251 ms  
Loss rate: 0.56%  
-- Flow 1:  
Average throughput: 222.36 Mbit/s  
95th percentile per-packet one-way delay: 86.251 ms  
Loss rate: 0.56%

Run 2: Report of Verus — Data Link

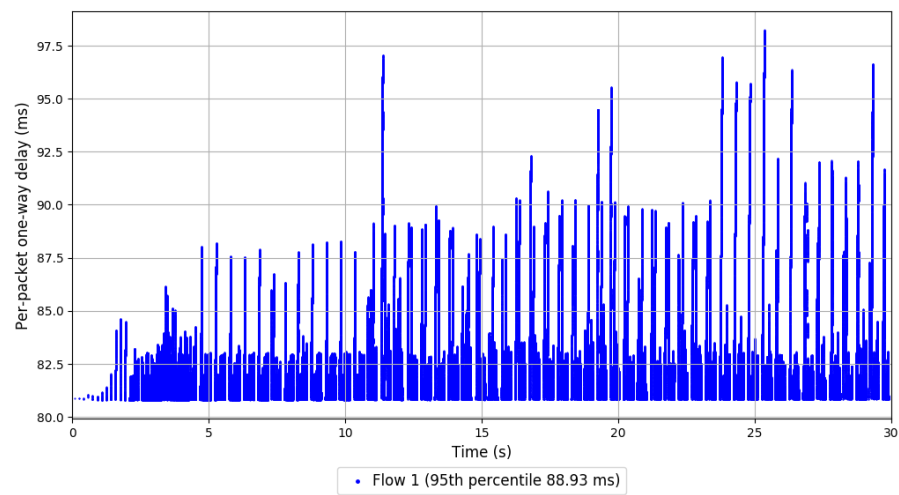
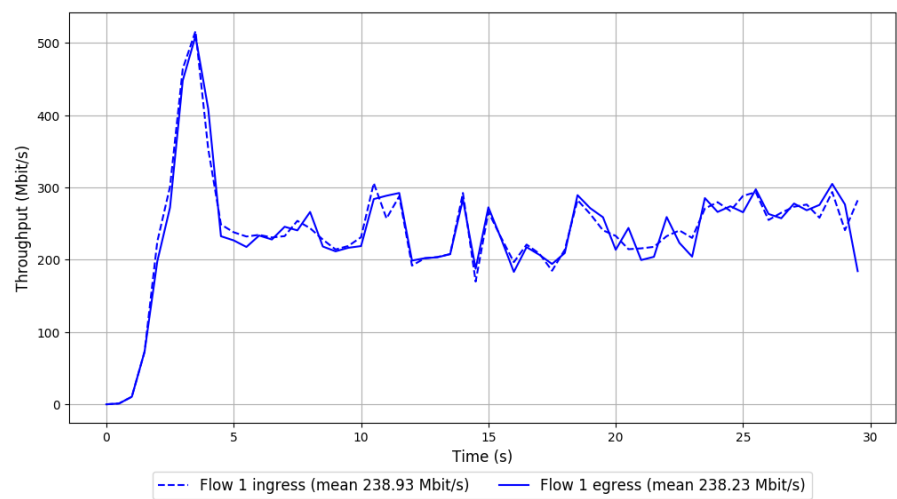


Run 3: Statistics of Verus

Start at: 2017-11-30 09:32:04  
End at: 2017-11-30 09:32:34  
Local clock offset: 1.507 ms  
Remote clock offset: -1.806 ms

# Below is generated by plot.py at 2017-11-30 15:06:27  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 238.23 Mbit/s  
95th percentile per-packet one-way delay: 88.927 ms  
Loss rate: 0.73%  
-- Flow 1:  
Average throughput: 238.23 Mbit/s  
95th percentile per-packet one-way delay: 88.927 ms  
Loss rate: 0.73%

Run 3: Report of Verus — Data Link

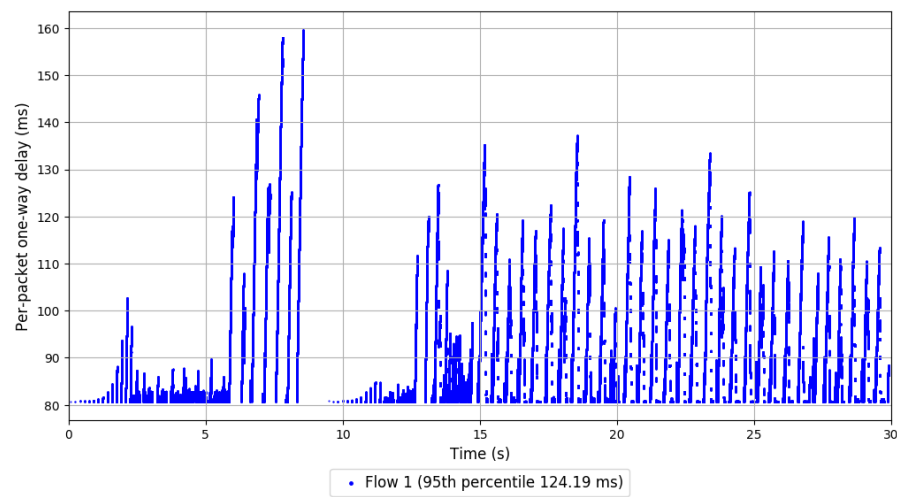
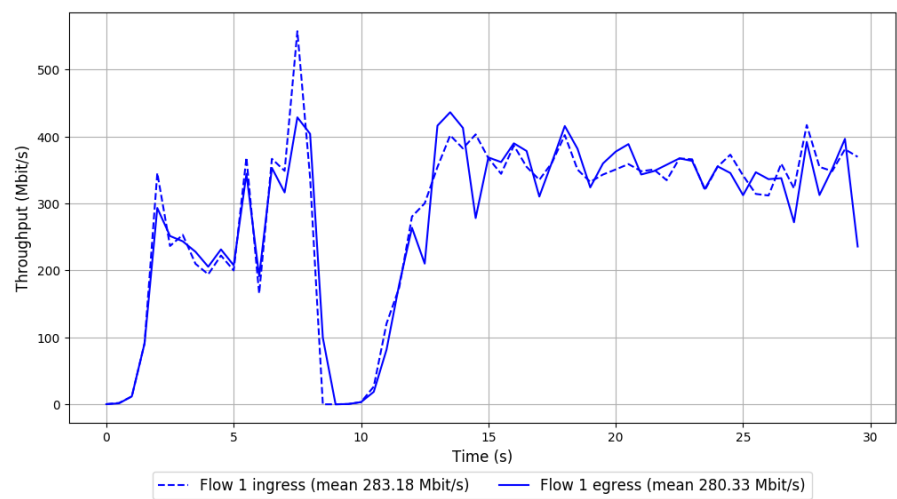


Run 4: Statistics of Verus

Start at: 2017-11-30 09:49:58  
End at: 2017-11-30 09:50:28  
Local clock offset: 1.645 ms  
Remote clock offset: -0.238 ms

# Below is generated by plot.py at 2017-11-30 15:06:46  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 280.33 Mbit/s  
95th percentile per-packet one-way delay: 124.187 ms  
Loss rate: 1.55%  
-- Flow 1:  
Average throughput: 280.33 Mbit/s  
95th percentile per-packet one-way delay: 124.187 ms  
Loss rate: 1.55%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: 2017-11-30 10:07:57

End at: 2017-11-30 10:08:27

Local clock offset: 1.573 ms

Remote clock offset: 0.523 ms

# Below is generated by plot.py at 2017-11-30 15:06:46

# Datalink statistics

-- Total of 1 flow:

Average throughput: 240.27 Mbit/s

95th percentile per-packet one-way delay: 99.961 ms

Loss rate: 3.36%

-- Flow 1:

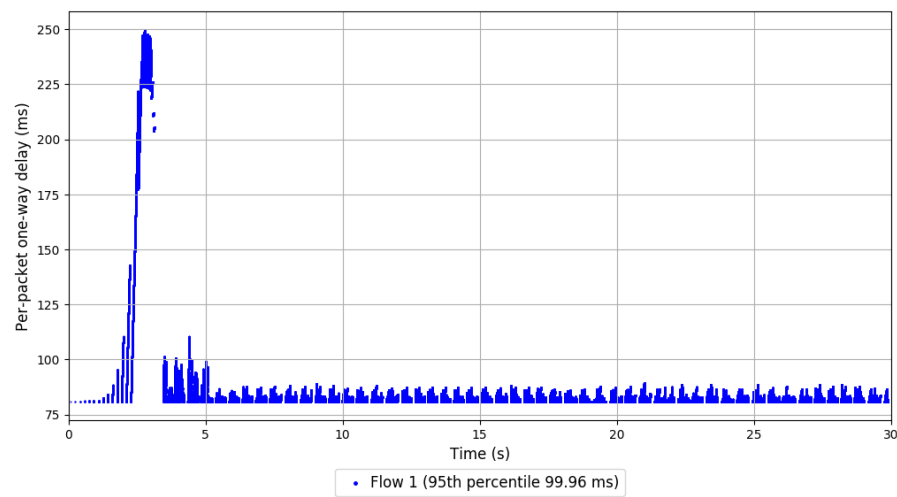
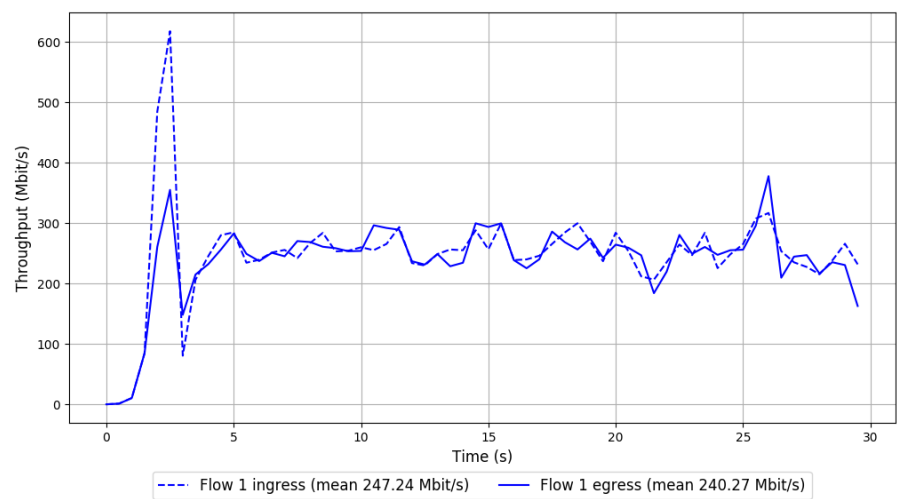
Average throughput: 240.27 Mbit/s

95th percentile per-packet one-way delay: 99.961 ms

Loss rate: 3.36%



Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: 2017-11-30 10:25:55

End at: 2017-11-30 10:26:25

Local clock offset: 1.437 ms

Remote clock offset: 1.428 ms

# Below is generated by plot.py at 2017-11-30 15:06:46

# Datalink statistics

-- Total of 1 flow:

Average throughput: 193.64 Mbit/s

95th percentile per-packet one-way delay: 87.547 ms

Loss rate: 0.00%

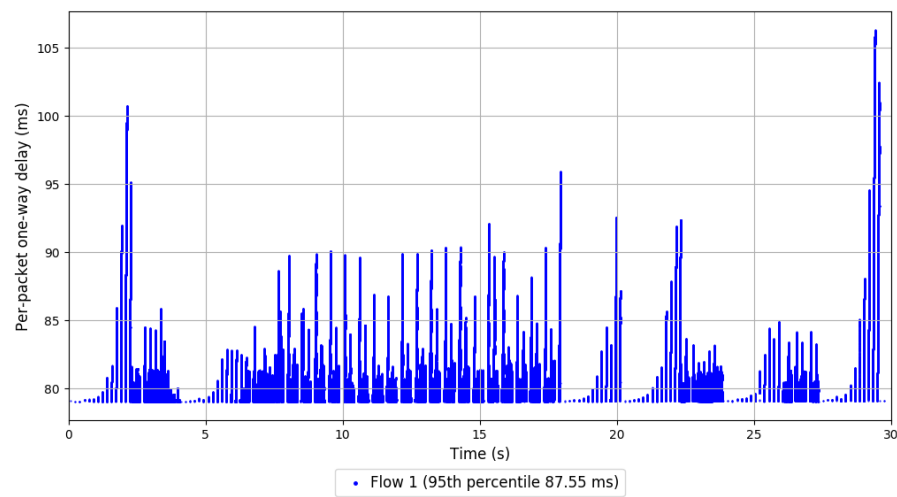
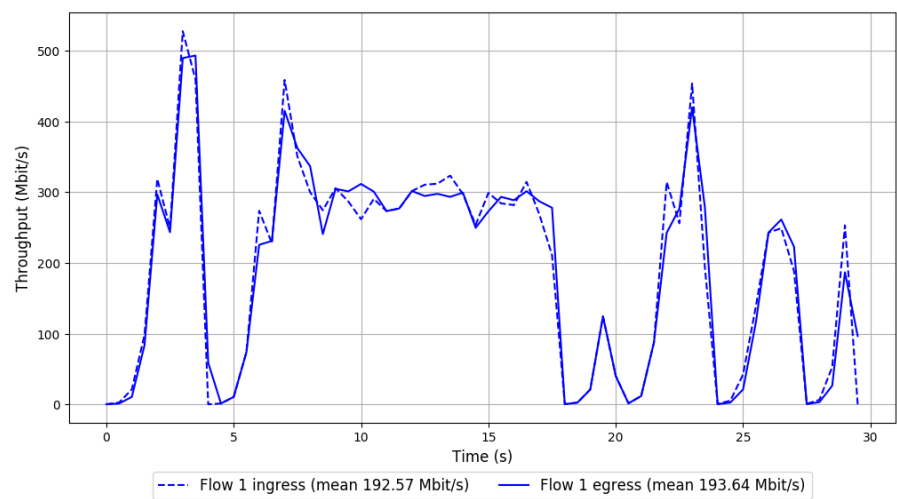
-- Flow 1:

Average throughput: 193.64 Mbit/s

95th percentile per-packet one-way delay: 87.547 ms

Loss rate: 0.00%

Run 6: Report of Verus — Data Link

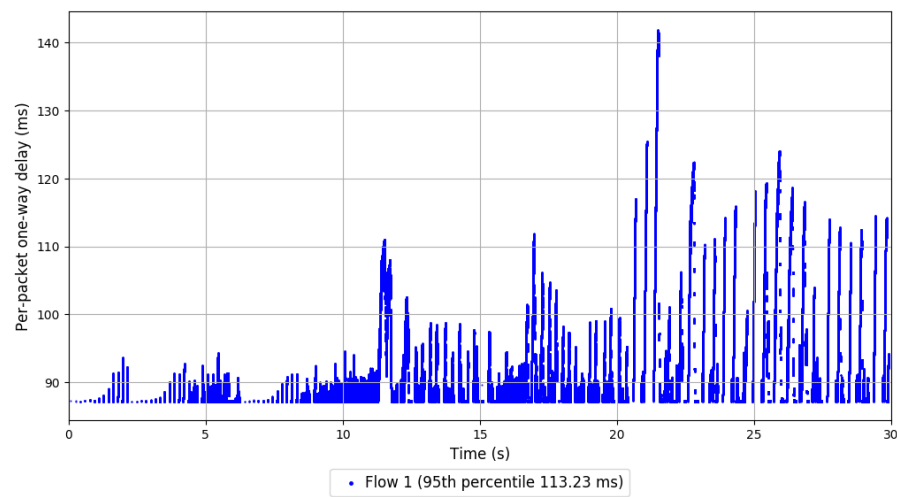
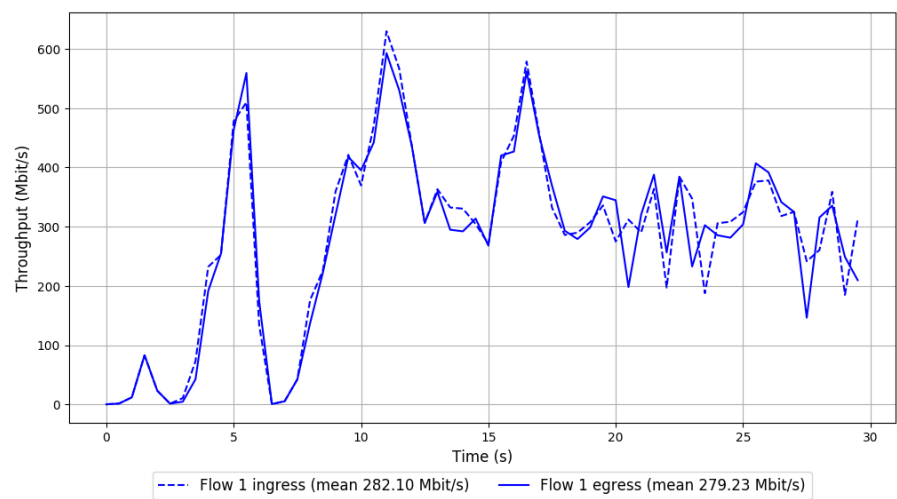


Run 7: Statistics of Verus

Start at: 2017-11-30 10:44:01  
End at: 2017-11-30 10:44:31  
Local clock offset: 1.222 ms  
Remote clock offset: -2.271 ms

# Below is generated by plot.py at 2017-11-30 15:08:52  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 279.23 Mbit/s  
95th percentile per-packet one-way delay: 113.228 ms  
Loss rate: 1.56%  
-- Flow 1:  
Average throughput: 279.23 Mbit/s  
95th percentile per-packet one-way delay: 113.228 ms  
Loss rate: 1.56%

Run 7: Report of Verus — Data Link



Run 8: Statistics of Verus

Start at: 2017-11-30 11:02:04

End at: 2017-11-30 11:02:34

Local clock offset: 0.922 ms

Remote clock offset: 2.282 ms

# Below is generated by plot.py at 2017-11-30 15:08:52

# Datalink statistics

-- Total of 1 flow:

Average throughput: 185.64 Mbit/s

95th percentile per-packet one-way delay: 116.809 ms

Loss rate: 5.20%

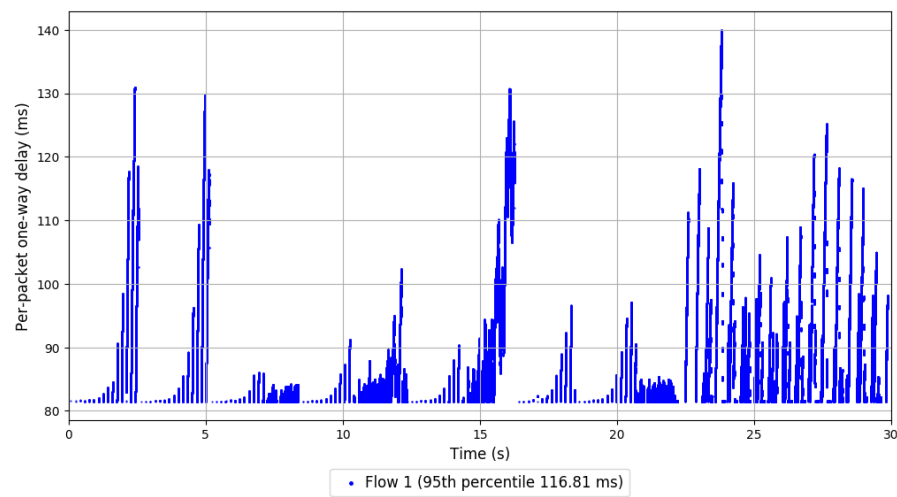
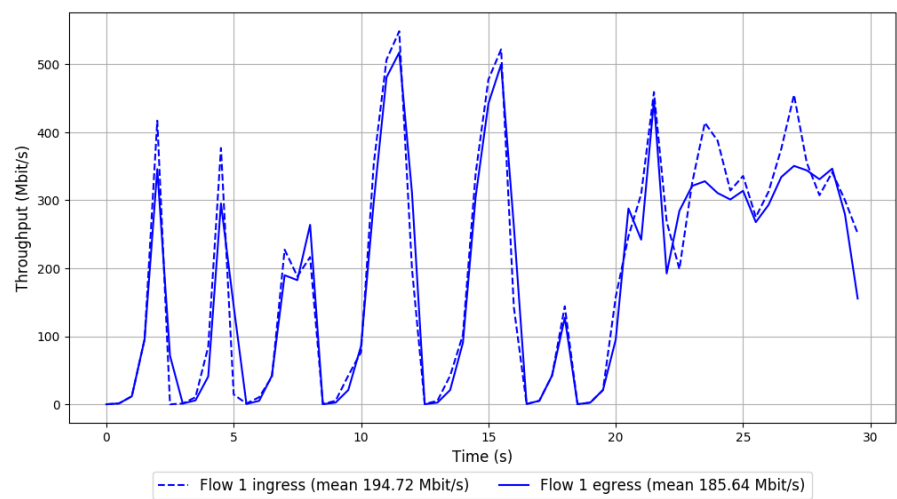
-- Flow 1:

Average throughput: 185.64 Mbit/s

95th percentile per-packet one-way delay: 116.809 ms

Loss rate: 5.20%

Run 8: Report of Verus — Data Link



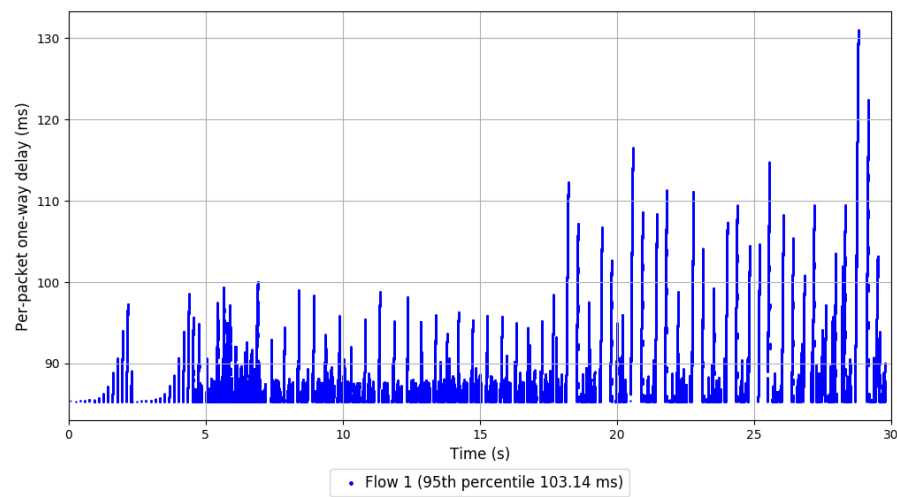
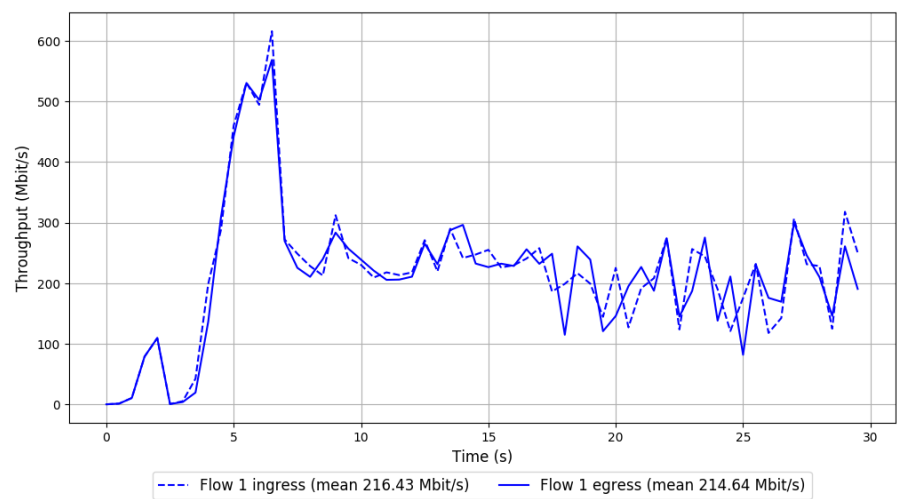
Run 9: Statistics of Verus

Start at: 2017-11-30 11:20:03  
End at: 2017-11-30 11:20:33  
Local clock offset: 0.673 ms  
Remote clock offset: -1.391 ms

# Below is generated by plot.py at 2017-11-30 15:09:15  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 214.64 Mbit/s  
95th percentile per-packet one-way delay: 103.139 ms  
Loss rate: 1.58%  
-- Flow 1:  
Average throughput: 214.64 Mbit/s  
95th percentile per-packet one-way delay: 103.139 ms  
Loss rate: 1.58%



Run 9: Report of Verus — Data Link

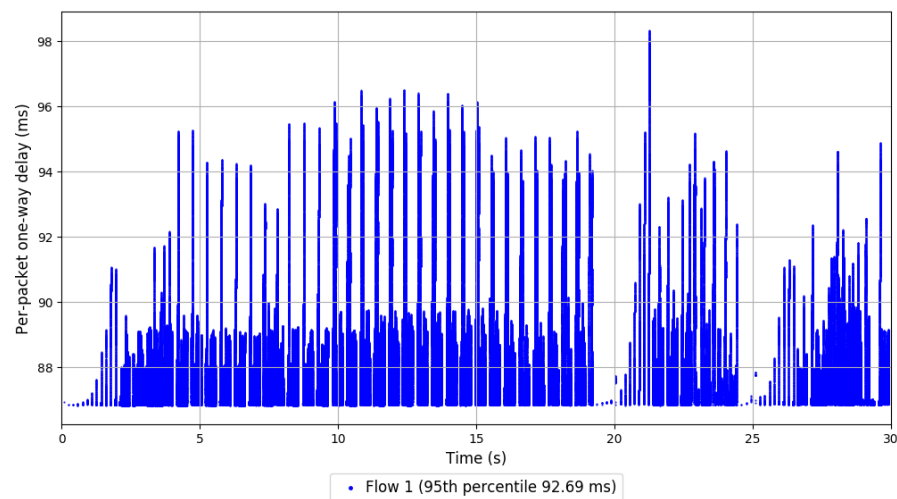
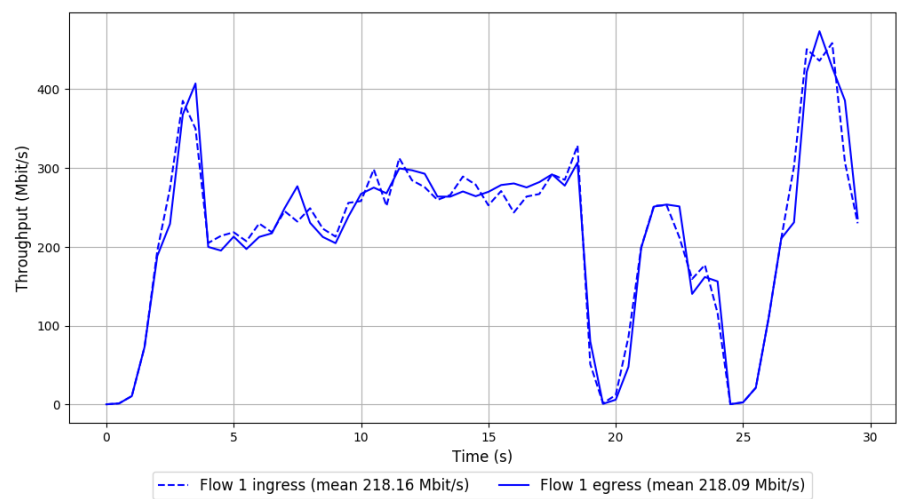


Run 10: Statistics of Verus

Start at: 2017-11-30 11:38:00  
End at: 2017-11-30 11:38:30  
Local clock offset: 0.426 ms  
Remote clock offset: -1.892 ms

# Below is generated by plot.py at 2017-11-30 15:09:18  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 218.09 Mbit/s  
95th percentile per-packet one-way delay: 92.690 ms  
Loss rate: 0.07%  
-- Flow 1:  
Average throughput: 218.09 Mbit/s  
95th percentile per-packet one-way delay: 92.690 ms  
Loss rate: 0.07%

Run 10: Report of Verus — Data Link



Run 1: Statistics of Copa

Start at: 2017-11-30 09:02:44

End at: 2017-11-30 09:03:14

Local clock offset: 1.26 ms

Remote clock offset: -8.095 ms

# Below is generated by plot.py at 2017-11-30 15:09:18

# Datalink statistics

-- Total of 1 flow:

Average throughput: 93.62 Mbit/s

95th percentile per-packet one-way delay: 84.005 ms

Loss rate: 0.62%

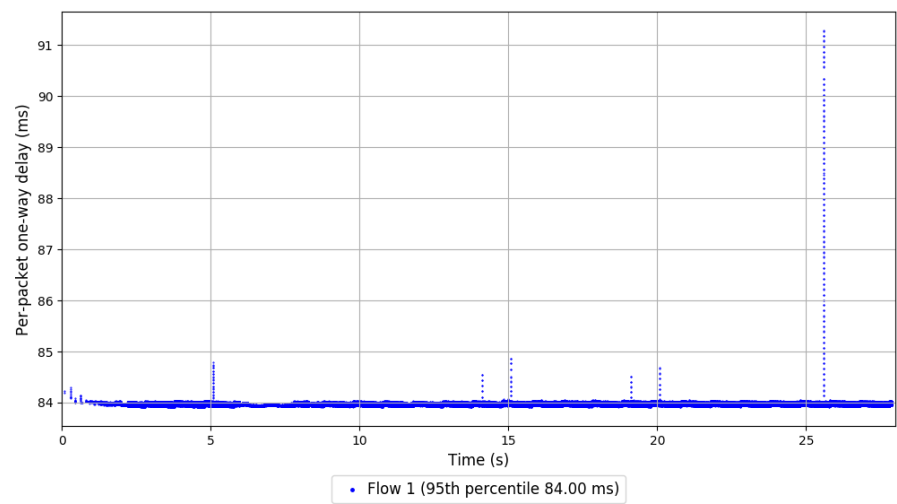
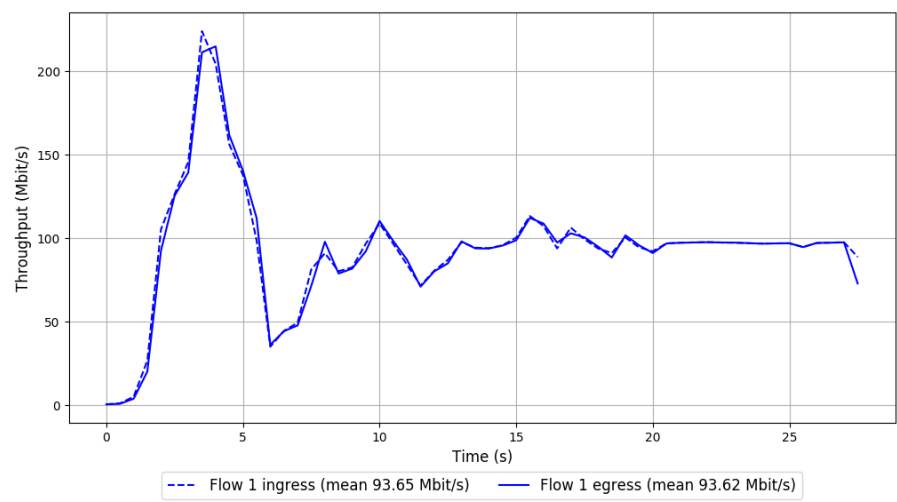
-- Flow 1:

Average throughput: 93.62 Mbit/s

95th percentile per-packet one-way delay: 84.005 ms

Loss rate: 0.62%

Run 1: Report of Copa — Data Link

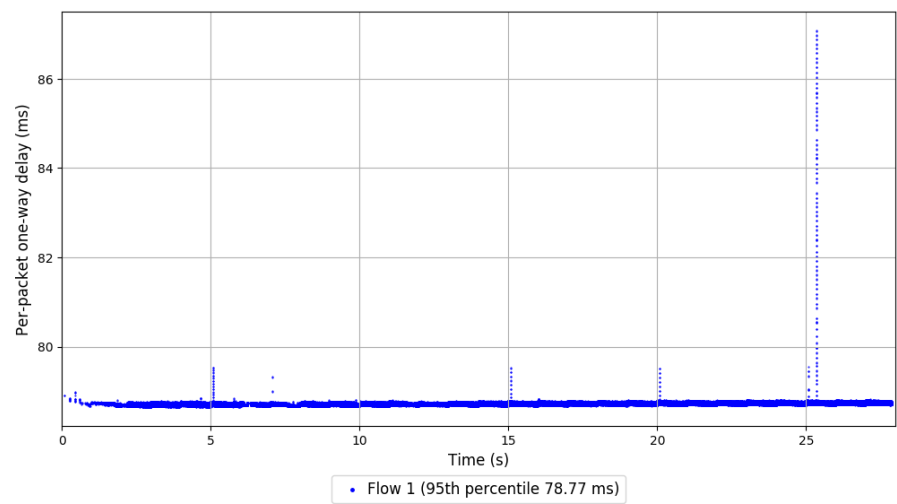
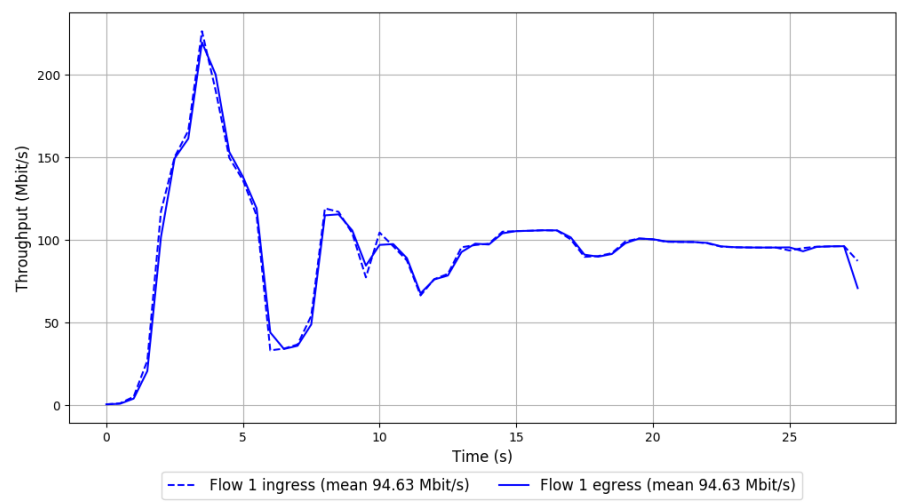


Run 2: Statistics of Copa

Start at: 2017-11-30 09:20:38  
End at: 2017-11-30 09:21:08  
Local clock offset: 1.448 ms  
Remote clock offset: -2.802 ms

# Below is generated by plot.py at 2017-11-30 15:09:18  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 94.63 Mbit/s  
95th percentile per-packet one-way delay: 78.767 ms  
Loss rate: 0.60%  
-- Flow 1:  
Average throughput: 94.63 Mbit/s  
95th percentile per-packet one-way delay: 78.767 ms  
Loss rate: 0.60%

Run 2: Report of Copa — Data Link



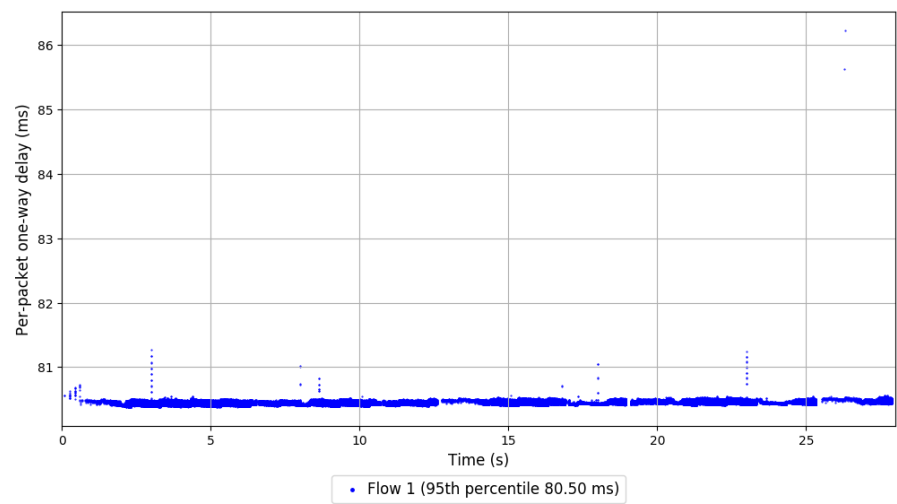
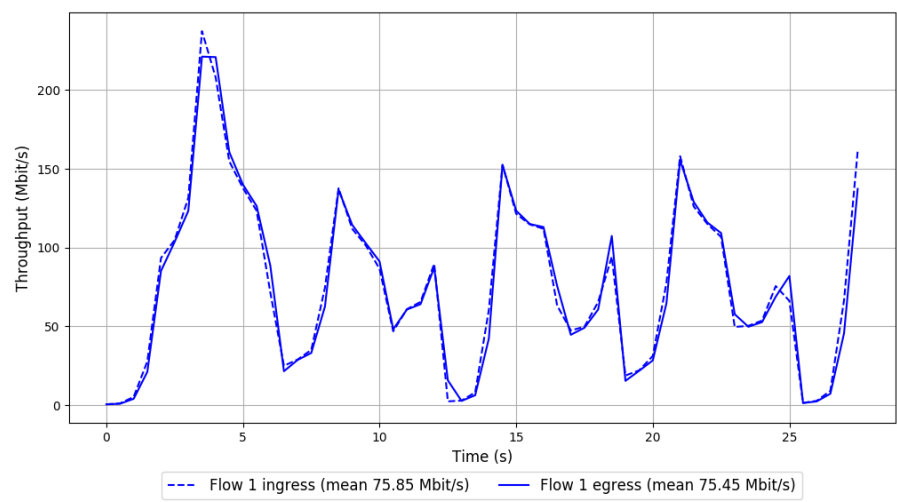
Run 3: Statistics of Copa

Start at: 2017-11-30 09:38:32  
End at: 2017-11-30 09:39:02  
Local clock offset: 1.557 ms  
Remote clock offset: -1.044 ms

# Below is generated by plot.py at 2017-11-30 15:09:18  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 75.45 Mbit/s  
95th percentile per-packet one-way delay: 80.495 ms  
Loss rate: 1.12%  
-- Flow 1:  
Average throughput: 75.45 Mbit/s  
95th percentile per-packet one-way delay: 80.495 ms  
Loss rate: 1.12%



Run 3: Report of Copa — Data Link

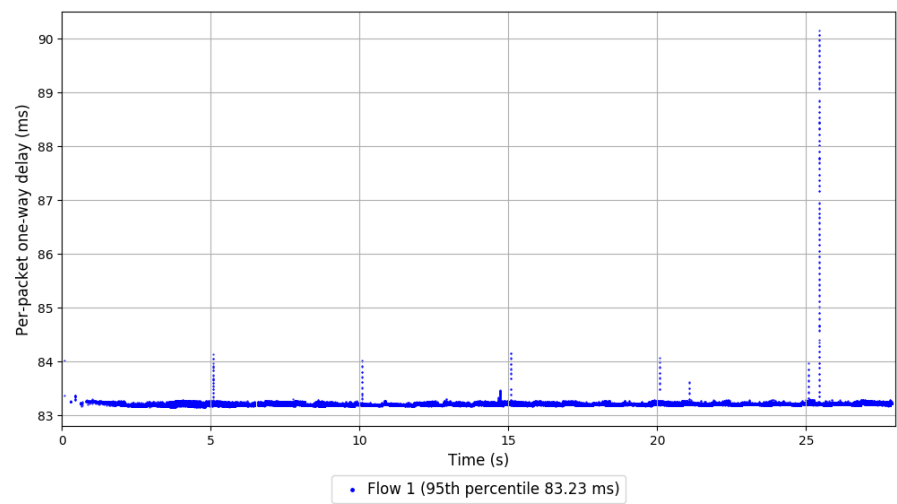
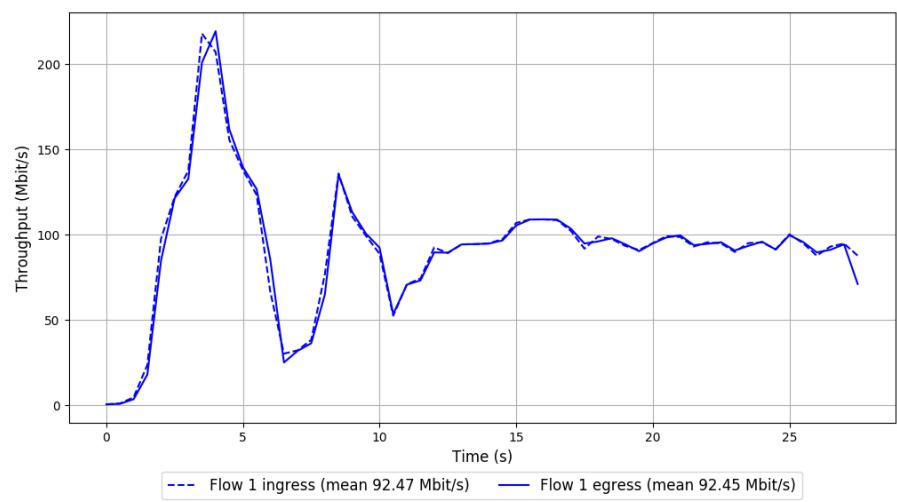


Run 4: Statistics of Copa

Start at: 2017-11-30 09:56:29  
End at: 2017-11-30 09:56:59  
Local clock offset: 1.695 ms  
Remote clock offset: -0.745 ms

# Below is generated by plot.py at 2017-11-30 15:09:18  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 92.45 Mbit/s  
95th percentile per-packet one-way delay: 83.231 ms  
Loss rate: 0.63%  
-- Flow 1:  
Average throughput: 92.45 Mbit/s  
95th percentile per-packet one-way delay: 83.231 ms  
Loss rate: 0.63%

Run 4: Report of Copa — Data Link

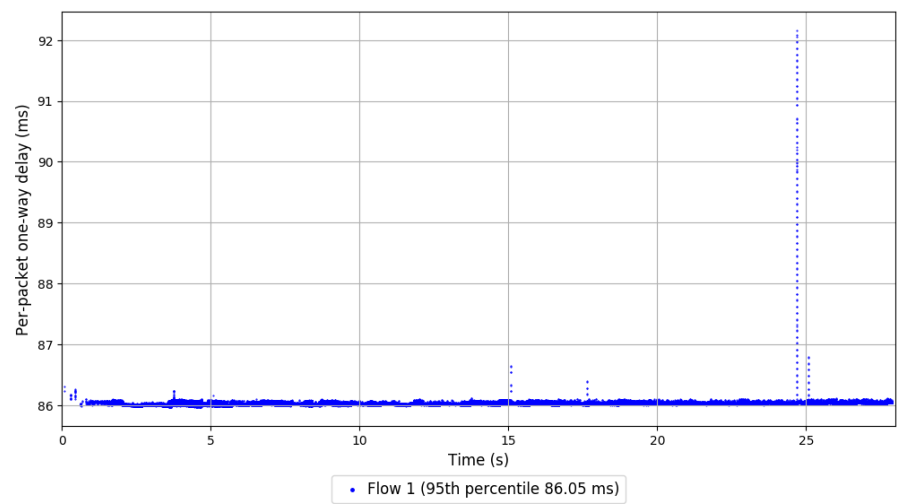
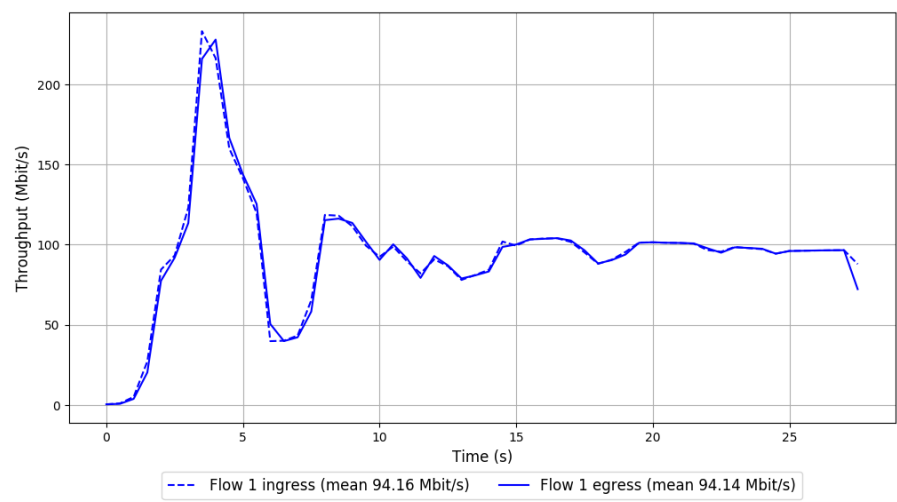


Run 5: Statistics of Copa

Start at: 2017-11-30 10:14:26  
End at: 2017-11-30 10:14:56  
Local clock offset: 1.527 ms  
Remote clock offset: -4.265 ms

# Below is generated by plot.py at 2017-11-30 15:10:38  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 94.14 Mbit/s  
95th percentile per-packet one-way delay: 86.050 ms  
Loss rate: 0.61%  
-- Flow 1:  
Average throughput: 94.14 Mbit/s  
95th percentile per-packet one-way delay: 86.050 ms  
Loss rate: 0.61%

Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: 2017-11-30 10:32:20

End at: 2017-11-30 10:32:50

Local clock offset: 1.394 ms

Remote clock offset: 2.701 ms

# Below is generated by plot.py at 2017-11-30 15:10:43

# Datalink statistics

-- Total of 1 flow:

Average throughput: 92.51 Mbit/s

95th percentile per-packet one-way delay: 78.309 ms

Loss rate: 0.61%

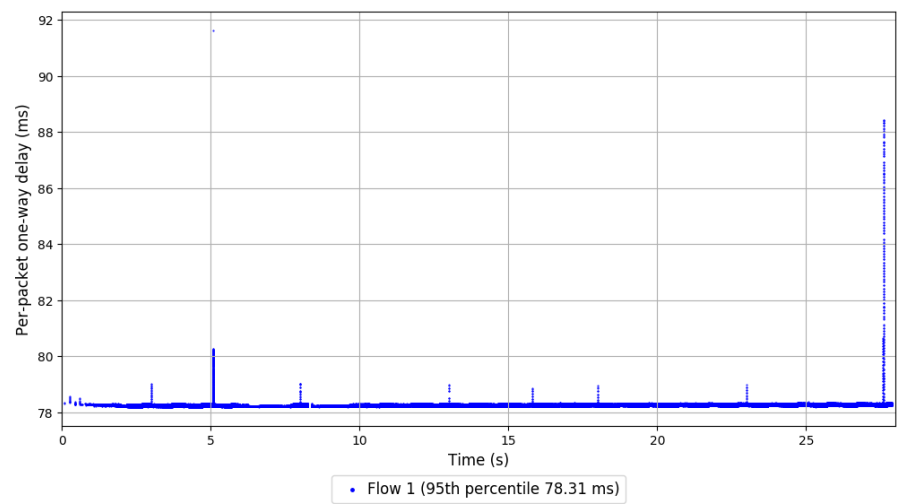
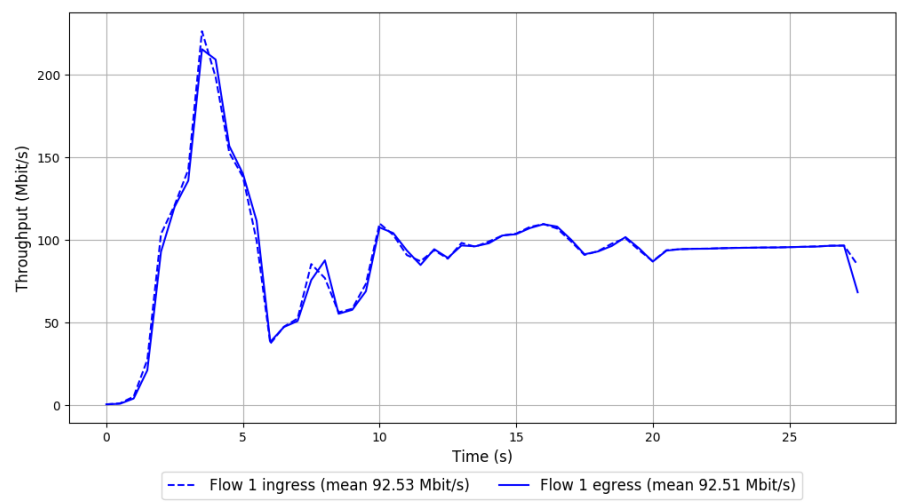
-- Flow 1:

Average throughput: 92.51 Mbit/s

95th percentile per-packet one-way delay: 78.309 ms

Loss rate: 0.61%

Run 6: Report of Copa — Data Link



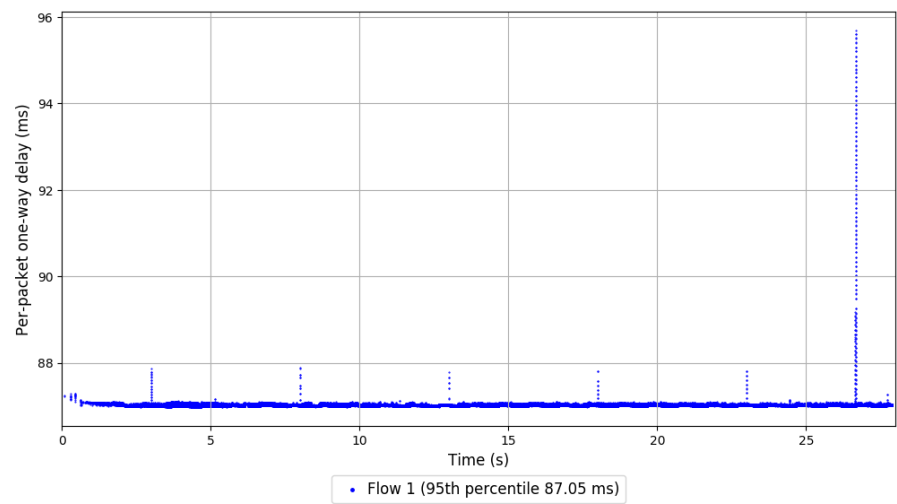
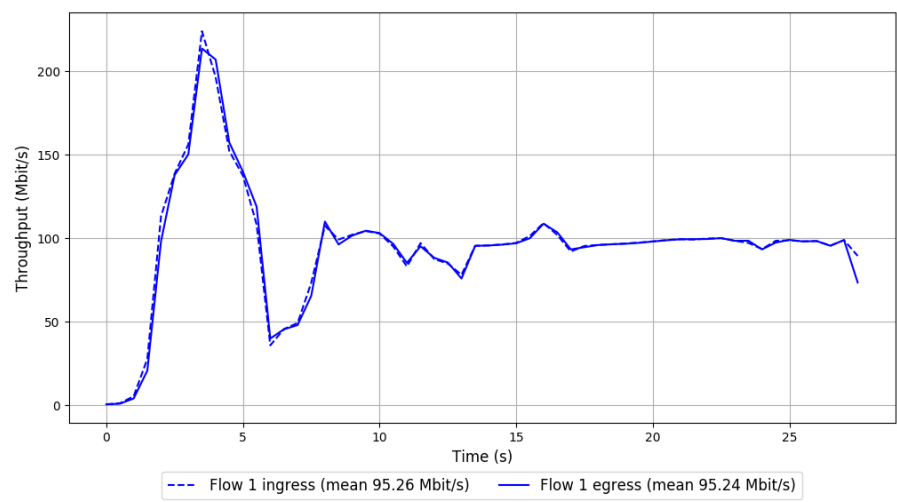
Run 7: Statistics of Copa

Start at: 2017-11-30 10:50:37  
End at: 2017-11-30 10:51:07  
Local clock offset: 1.107 ms  
Remote clock offset: -1.703 ms

# Below is generated by plot.py at 2017-11-30 15:11:01  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.24 Mbit/s  
95th percentile per-packet one-way delay: 87.045 ms  
Loss rate: 0.62%  
-- Flow 1:  
Average throughput: 95.24 Mbit/s  
95th percentile per-packet one-way delay: 87.045 ms  
Loss rate: 0.62%



Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

Start at: 2017-11-30 11:08:34

End at: 2017-11-30 11:09:04

Local clock offset: 0.833 ms

Remote clock offset: 2.727 ms

# Below is generated by plot.py at 2017-11-30 15:11:03

# Datalink statistics

-- Total of 1 flow:

Average throughput: 95.04 Mbit/s

95th percentile per-packet one-way delay: 81.325 ms

Loss rate: 0.54%

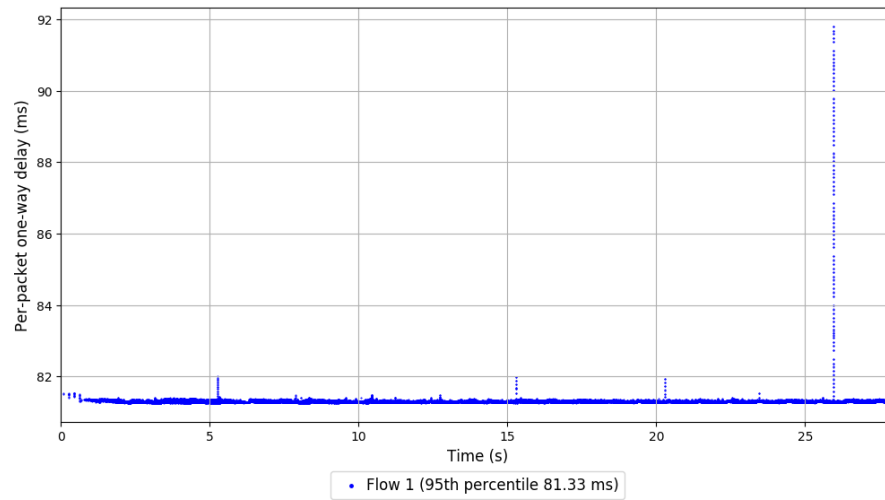
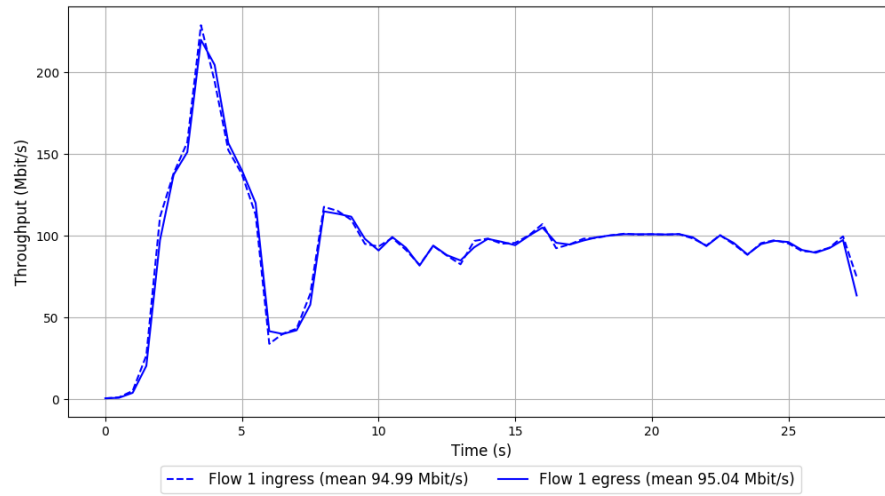
-- Flow 1:

Average throughput: 95.04 Mbit/s

95th percentile per-packet one-way delay: 81.325 ms

Loss rate: 0.54%

## Run 8: Report of Copa — Data Link

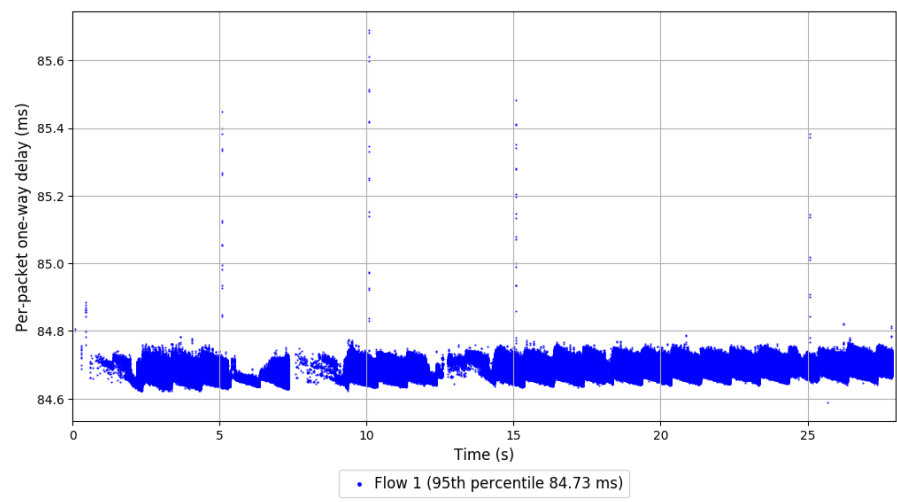
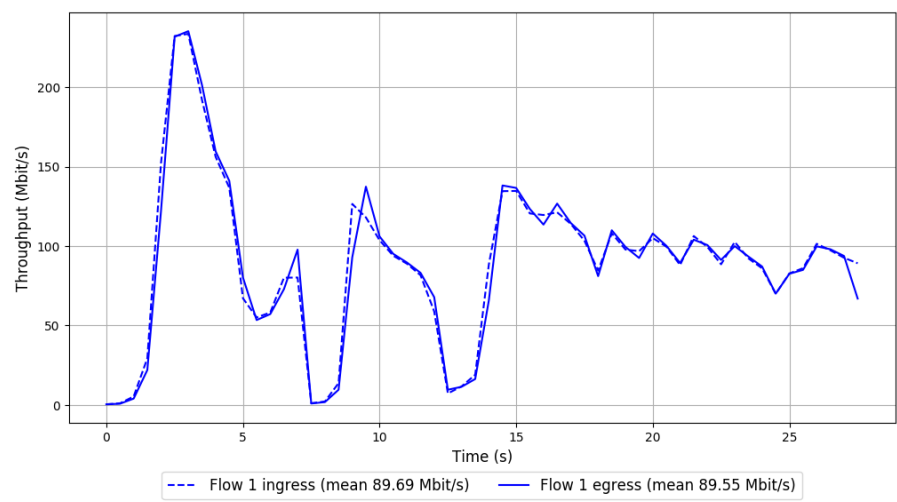


Run 9: Statistics of Copa

Start at: 2017-11-30 11:26:32  
End at: 2017-11-30 11:27:02  
Local clock offset: 0.561 ms  
Remote clock offset: -2.208 ms

# Below is generated by plot.py at 2017-11-30 15:11:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 89.55 Mbit/s  
95th percentile per-packet one-way delay: 84.729 ms  
Loss rate: 0.74%  
-- Flow 1:  
Average throughput: 89.55 Mbit/s  
95th percentile per-packet one-way delay: 84.729 ms  
Loss rate: 0.74%

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: 2017-11-30 11:44:26

End at: 2017-11-30 11:44:56

Local clock offset: 0.249 ms

Remote clock offset: 4.78 ms

# Below is generated by plot.py at 2017-11-30 15:11:36

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.28 Mbit/s

95th percentile per-packet one-way delay: 81.710 ms

Loss rate: 0.57%

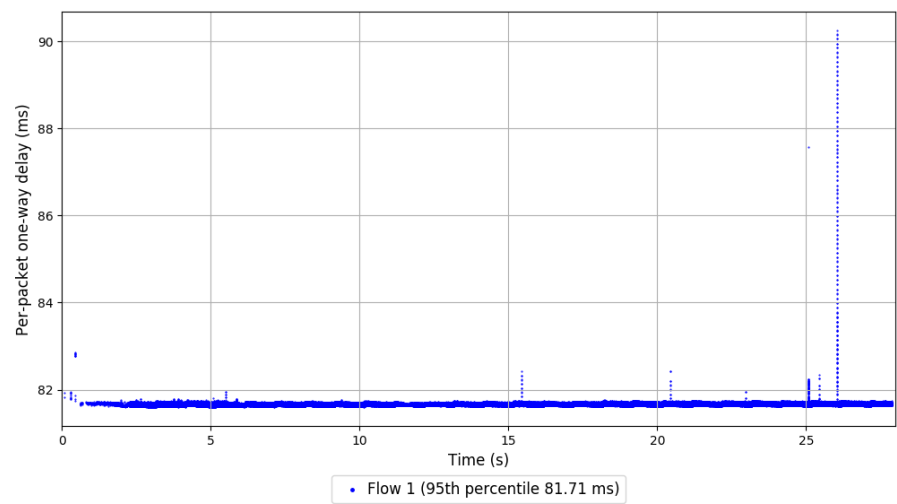
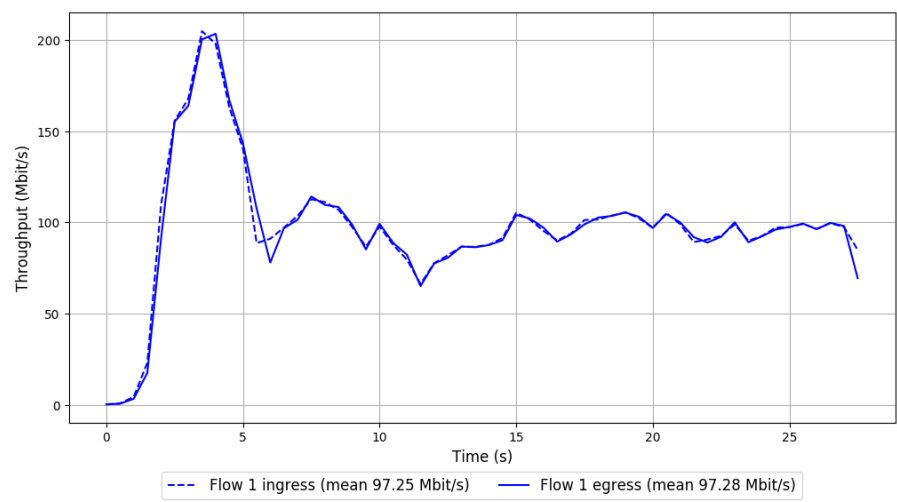
-- Flow 1:

Average throughput: 97.28 Mbit/s

95th percentile per-packet one-way delay: 81.710 ms

Loss rate: 0.57%

Run 10: Report of Copa — Data Link



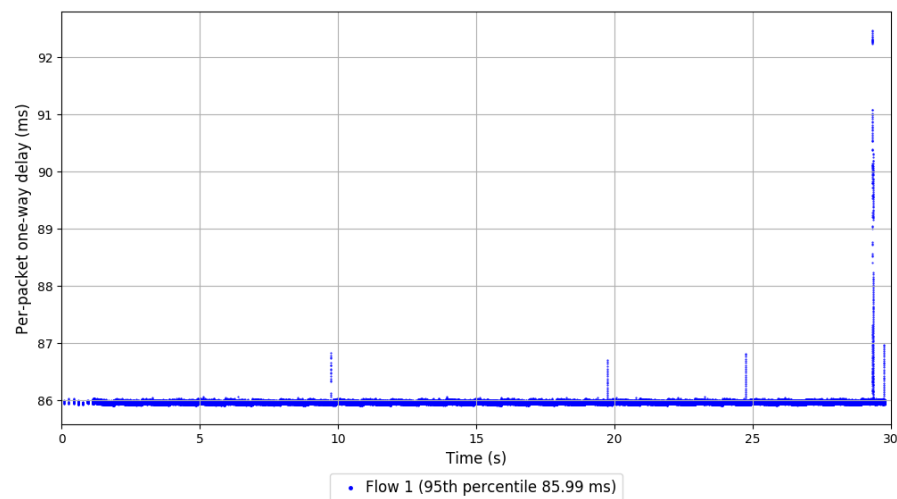
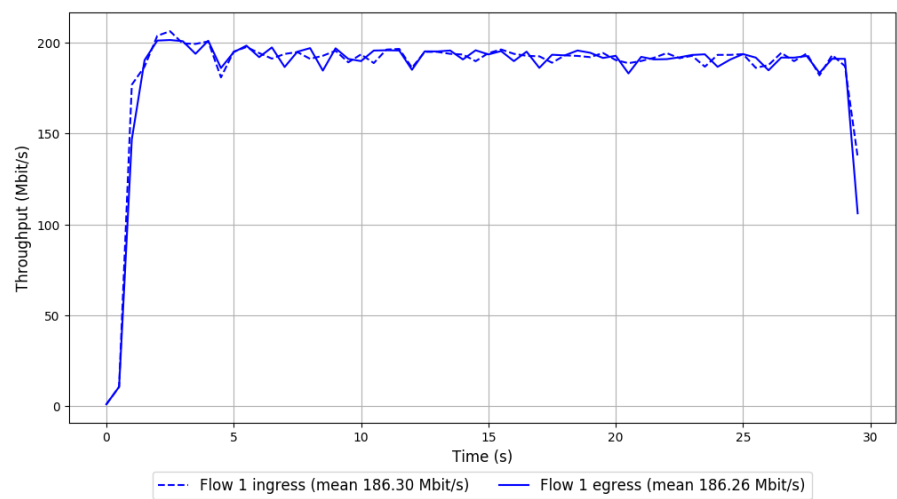
```
Run 1: Statistics of Indigo

Start at: 2017-11-30 08:58:51
End at: 2017-11-30 08:59:21
Local clock offset: 1.228 ms
Remote clock offset: -9.033 ms

# Below is generated by plot.py at 2017-11-30 15:11:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 186.26 Mbit/s
95th percentile per-packet one-way delay: 85.994 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 186.26 Mbit/s
95th percentile per-packet one-way delay: 85.994 ms
Loss rate: 0.58%
```



Run 1: Report of Indigo — Data Link

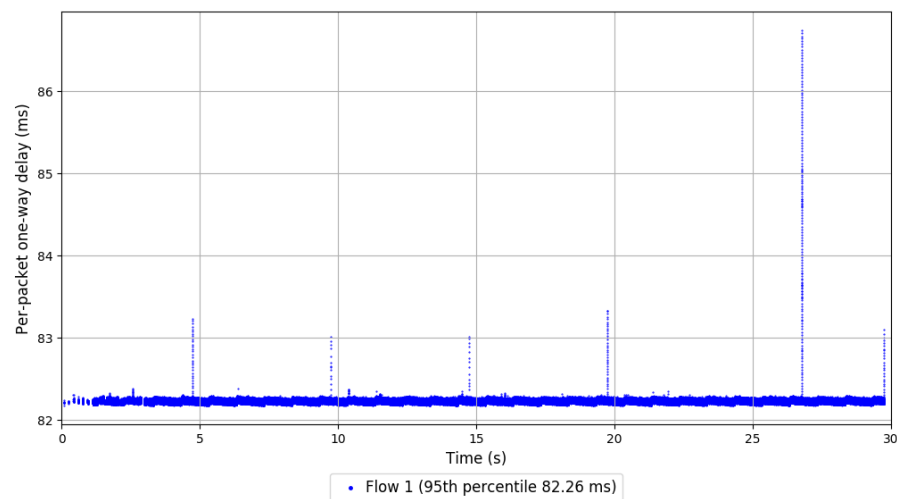
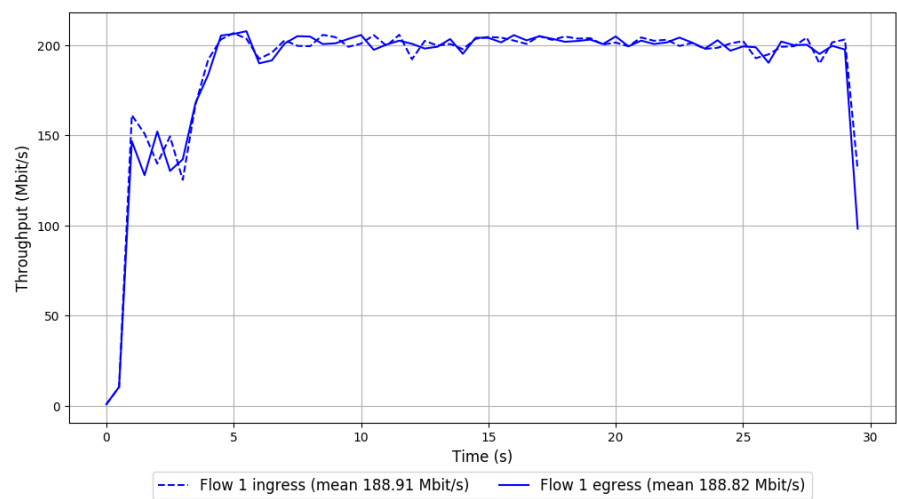


Run 2: Statistics of Indigo

Start at: 2017-11-30 09:16:45  
End at: 2017-11-30 09:17:15  
Local clock offset: 1.434 ms  
Remote clock offset: -3.096 ms

# Below is generated by plot.py at 2017-11-30 15:11:56  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 188.82 Mbit/s  
95th percentile per-packet one-way delay: 82.256 ms  
Loss rate: 0.61%  
-- Flow 1:  
Average throughput: 188.82 Mbit/s  
95th percentile per-packet one-way delay: 82.256 ms  
Loss rate: 0.61%

Run 2: Report of Indigo — Data Link

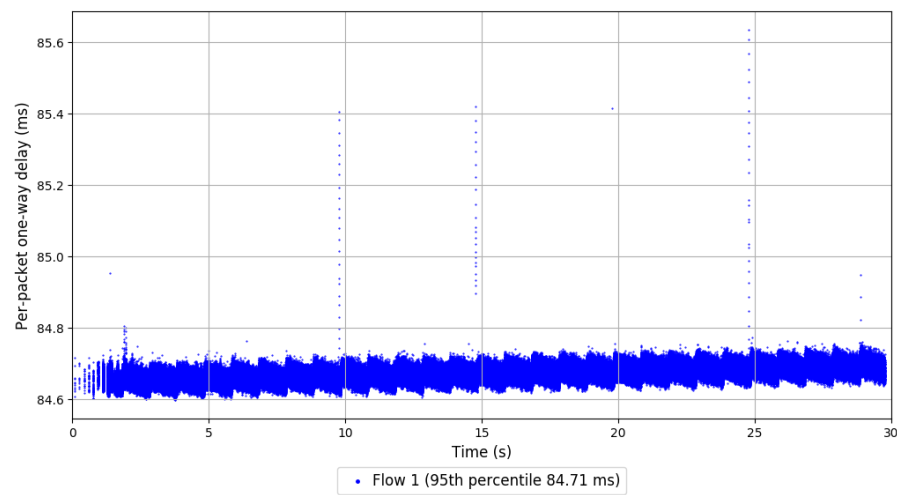
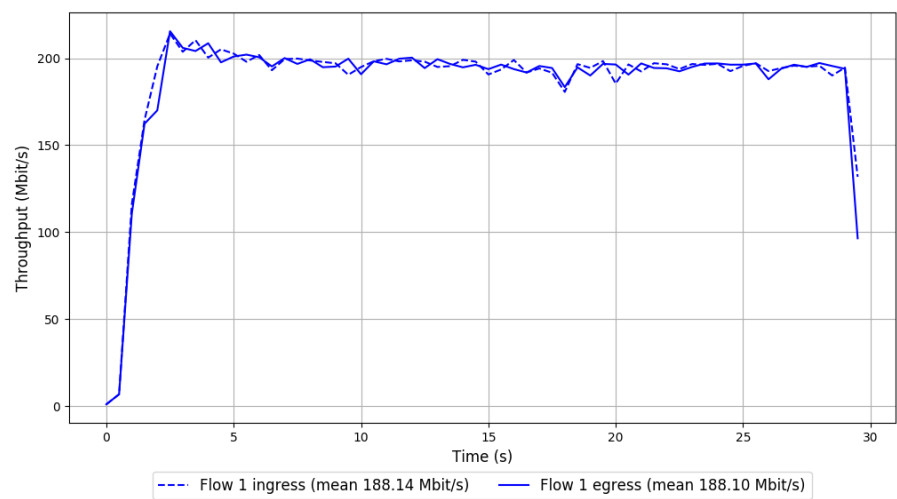


Run 3: Statistics of Indigo

Start at: 2017-11-30 09:34:40  
End at: 2017-11-30 09:35:10  
Local clock offset: 1.53 ms  
Remote clock offset: -7.191 ms

# Below is generated by plot.py at 2017-11-30 15:13:19  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 188.10 Mbit/s  
95th percentile per-packet one-way delay: 84.708 ms  
Loss rate: 0.57%  
-- Flow 1:  
Average throughput: 188.10 Mbit/s  
95th percentile per-packet one-way delay: 84.708 ms  
Loss rate: 0.57%

Run 3: Report of Indigo — Data Link



Run 4: Statistics of Indigo

Start at: 2017-11-30 09:52:36

End at: 2017-11-30 09:53:06

Local clock offset: 1.686 ms

Remote clock offset: 0.332 ms

# Below is generated by plot.py at 2017-11-30 15:13:25

# Datalink statistics

-- Total of 1 flow:

Average throughput: 189.88 Mbit/s

95th percentile per-packet one-way delay: 81.991 ms

Loss rate: 0.58%

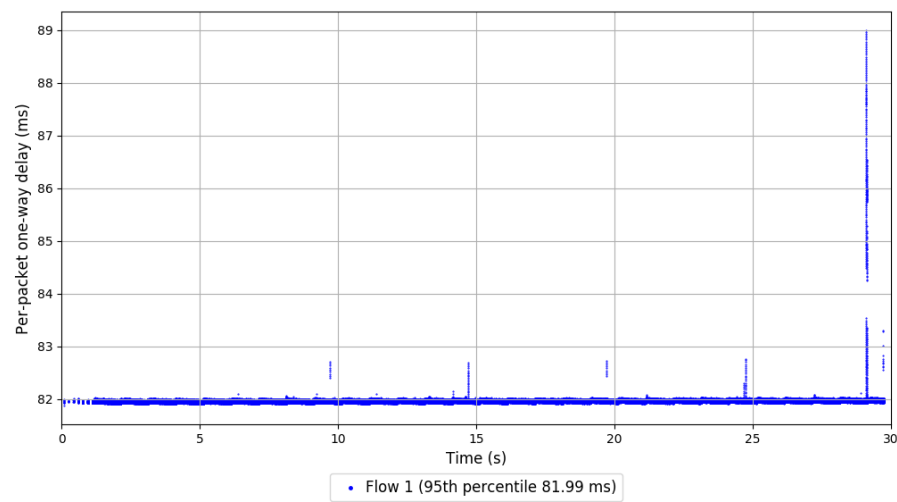
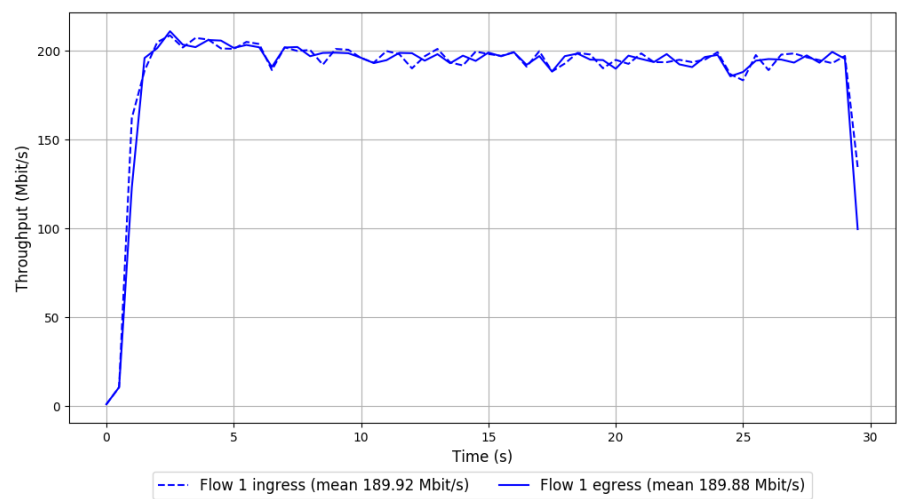
-- Flow 1:

Average throughput: 189.88 Mbit/s

95th percentile per-packet one-way delay: 81.991 ms

Loss rate: 0.58%

Run 4: Report of Indigo — Data Link



Run 5: Statistics of Indigo

Start at: 2017-11-30 10:10:33

End at: 2017-11-30 10:11:03

Local clock offset: 1.485 ms

Remote clock offset: 1.138 ms

# Below is generated by plot.py at 2017-11-30 15:13:41

# Datalink statistics

-- Total of 1 flow:

Average throughput: 189.45 Mbit/s

95th percentile per-packet one-way delay: 79.900 ms

Loss rate: 0.58%

-- Flow 1:

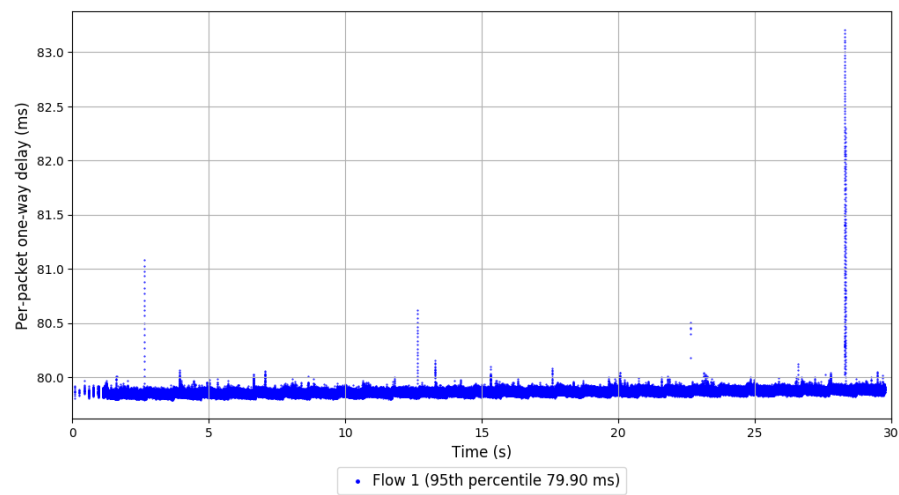
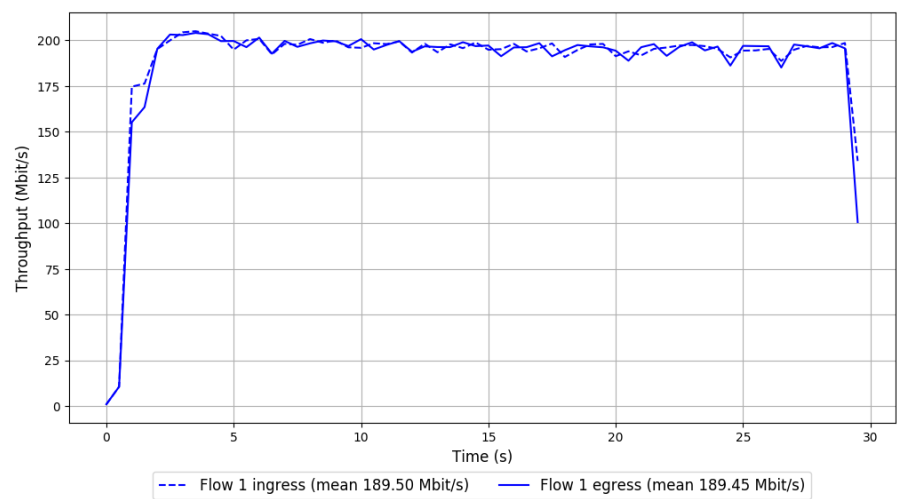
Average throughput: 189.45 Mbit/s

95th percentile per-packet one-way delay: 79.900 ms

Loss rate: 0.58%



Run 5: Report of Indigo — Data Link



Run 6: Statistics of Indigo

Start at: 2017-11-30 10:28:27

End at: 2017-11-30 10:28:57

Local clock offset: 1.433 ms

Remote clock offset: 1.548 ms

# Below is generated by plot.py at 2017-11-30 15:13:43

# Datalink statistics

-- Total of 1 flow:

Average throughput: 187.24 Mbit/s

95th percentile per-packet one-way delay: 82.431 ms

Loss rate: 0.59%

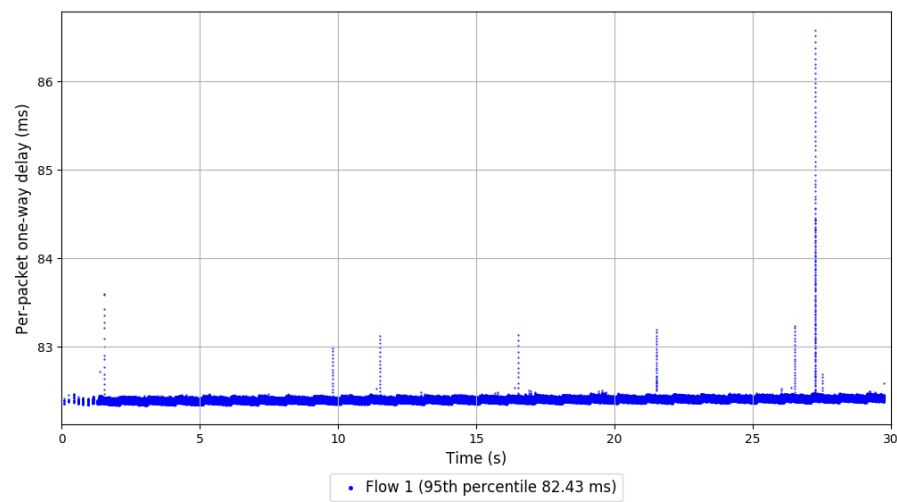
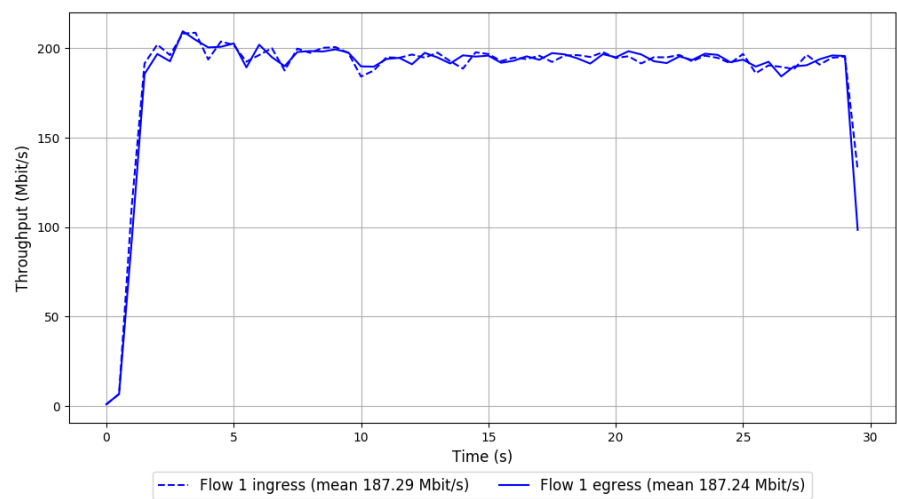
-- Flow 1:

Average throughput: 187.24 Mbit/s

95th percentile per-packet one-way delay: 82.431 ms

Loss rate: 0.59%

Run 6: Report of Indigo — Data Link



Run 7: Statistics of Indigo

Start at: 2017-11-30 10:46:45

End at: 2017-11-30 10:47:15

Local clock offset: 1.152 ms

Remote clock offset: 2.652 ms

# Below is generated by plot.py at 2017-11-30 15:13:47

# Datalink statistics

-- Total of 1 flow:

Average throughput: 191.00 Mbit/s

95th percentile per-packet one-way delay: 80.077 ms

Loss rate: 0.54%

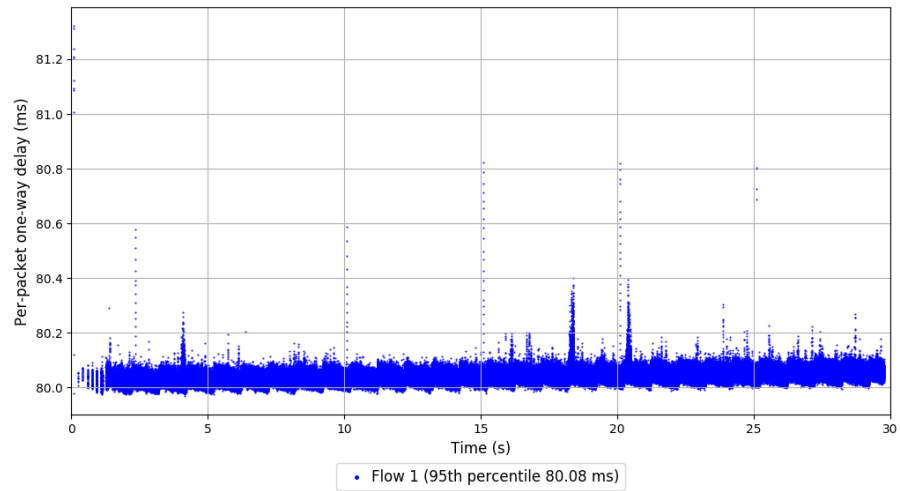
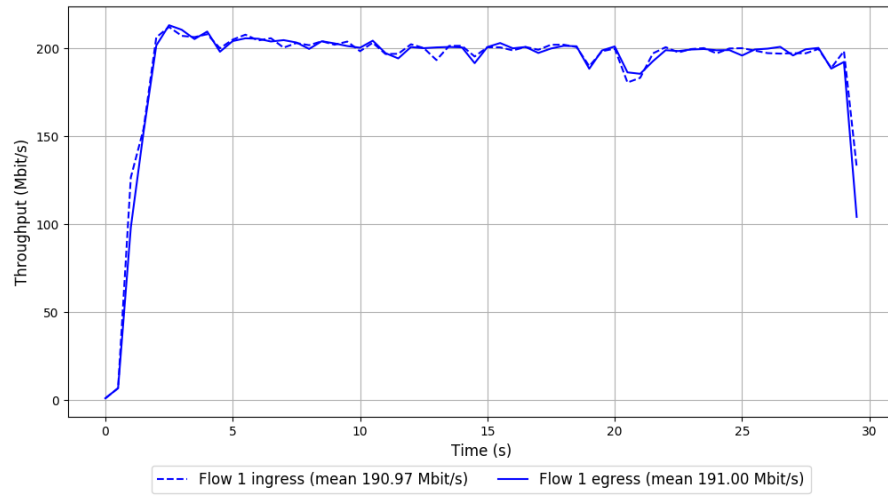
-- Flow 1:

Average throughput: 191.00 Mbit/s

95th percentile per-packet one-way delay: 80.077 ms

Loss rate: 0.54%

### Run 7: Report of Indigo — Data Link



Run 8: Statistics of Indigo

Start at: 2017-11-30 11:04:38

End at: 2017-11-30 11:05:08

Local clock offset: 0.891 ms

Remote clock offset: 3.208 ms

# Below is generated by plot.py at 2017-11-30 15:14:19

# Datalink statistics

-- Total of 1 flow:

Average throughput: 190.23 Mbit/s

95th percentile per-packet one-way delay: 80.741 ms

Loss rate: 0.57%

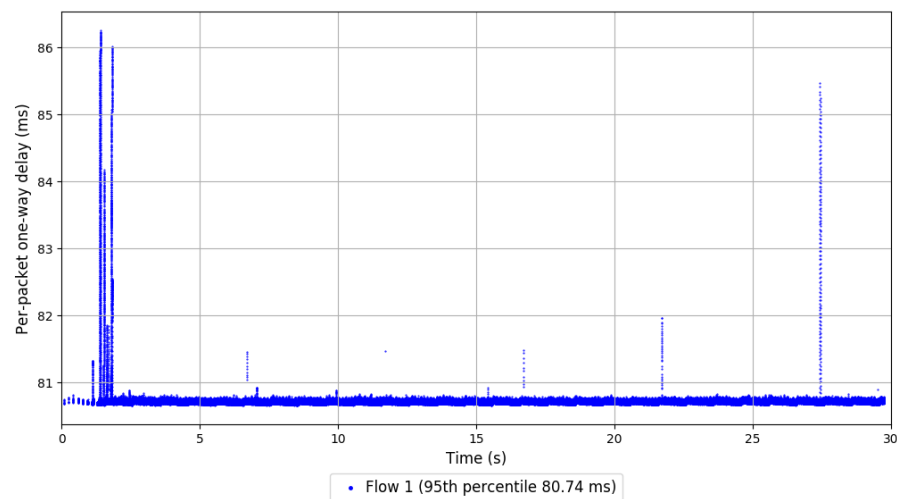
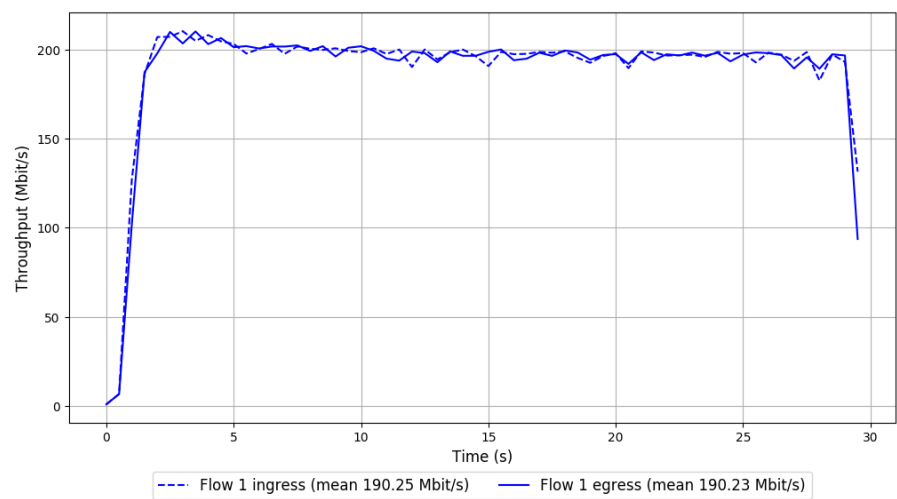
-- Flow 1:

Average throughput: 190.23 Mbit/s

95th percentile per-packet one-way delay: 80.741 ms

Loss rate: 0.57%

Run 8: Report of Indigo — Data Link



Run 9: Statistics of Indigo

Start at: 2017-11-30 11:22:38

End at: 2017-11-30 11:23:08

Local clock offset: 0.643 ms

Remote clock offset: 4.032 ms

# Below is generated by plot.py at 2017-11-30 15:14:34

# Datalink statistics

-- Total of 1 flow:

Average throughput: 188.66 Mbit/s

95th percentile per-packet one-way delay: 82.030 ms

Loss rate: 0.58%

-- Flow 1:

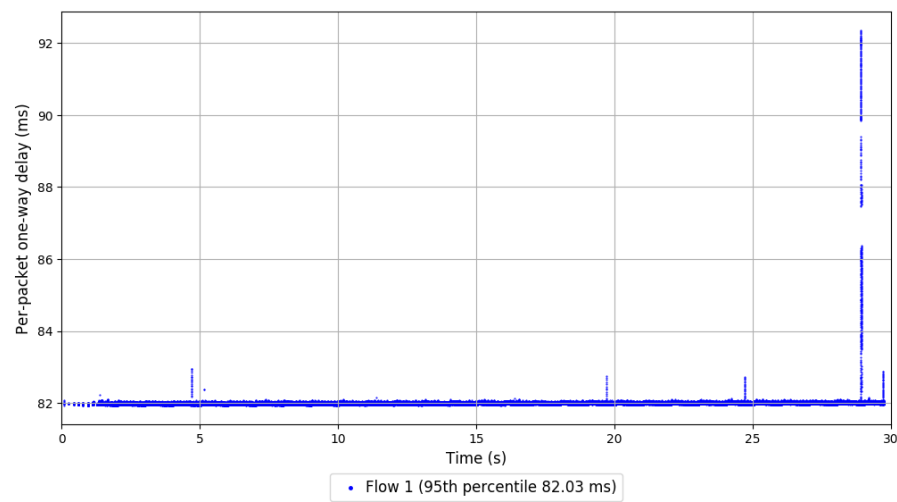
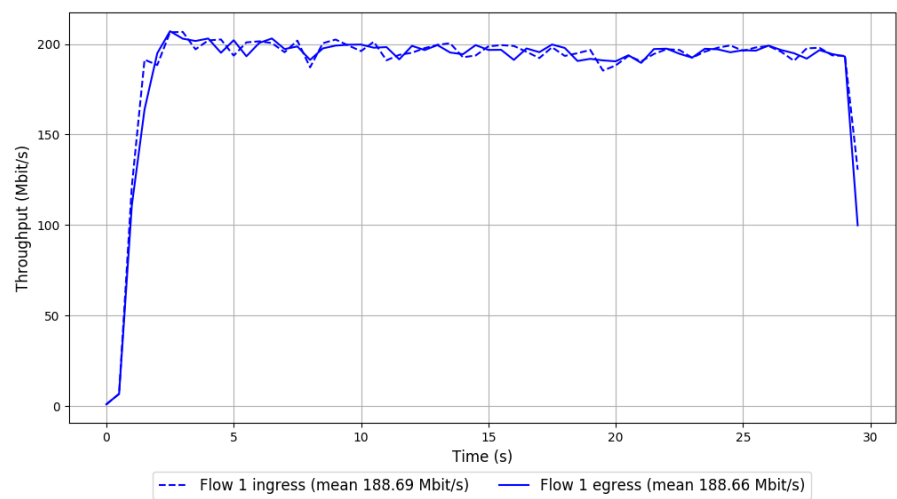
Average throughput: 188.66 Mbit/s

95th percentile per-packet one-way delay: 82.030 ms

Loss rate: 0.58%



Run 9: Report of Indigo — Data Link



Run 10: Statistics of Indigo

Start at: 2017-11-30 11:40:34

End at: 2017-11-30 11:41:04

Local clock offset: 0.367 ms

Remote clock offset: 3.045 ms

# Below is generated by plot.py at 2017-11-30 15:14:39

# Datalink statistics

-- Total of 1 flow:

Average throughput: 189.63 Mbit/s

95th percentile per-packet one-way delay: 81.826 ms

Loss rate: 0.51%

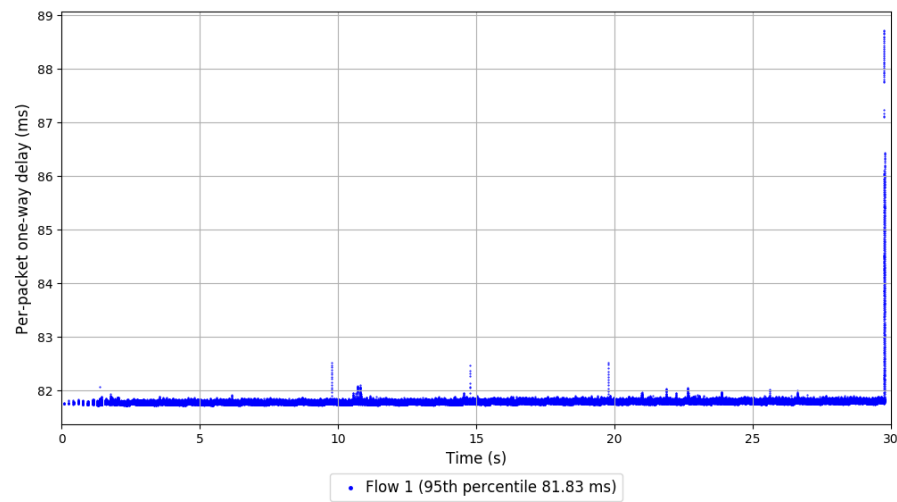
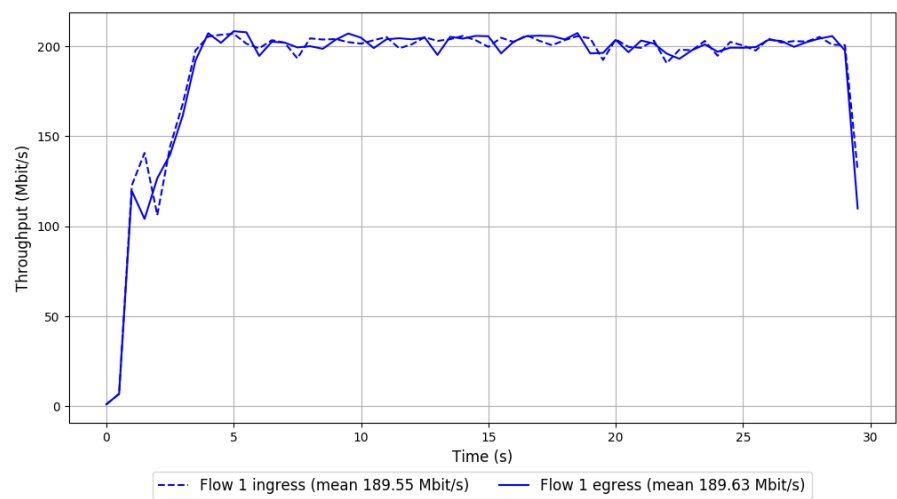
-- Flow 1:

Average throughput: 189.63 Mbit/s

95th percentile per-packet one-way delay: 81.826 ms

Loss rate: 0.51%

Run 10: Report of Indigo — Data Link

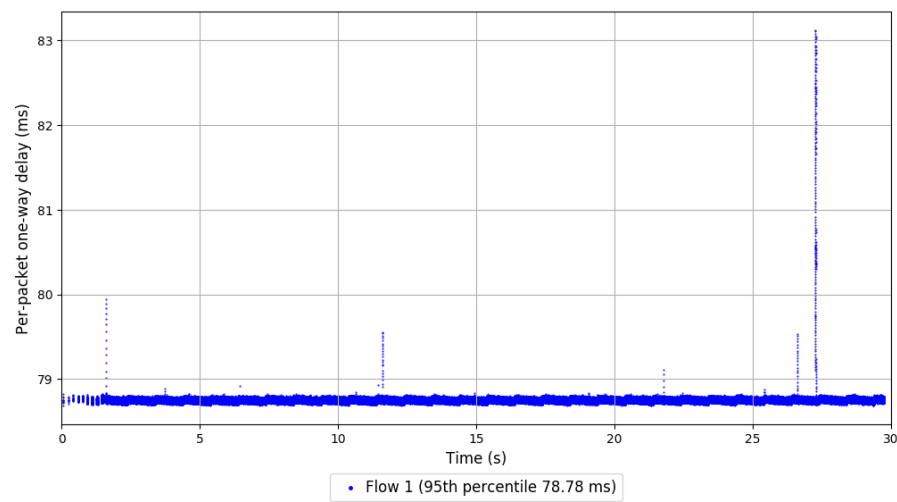
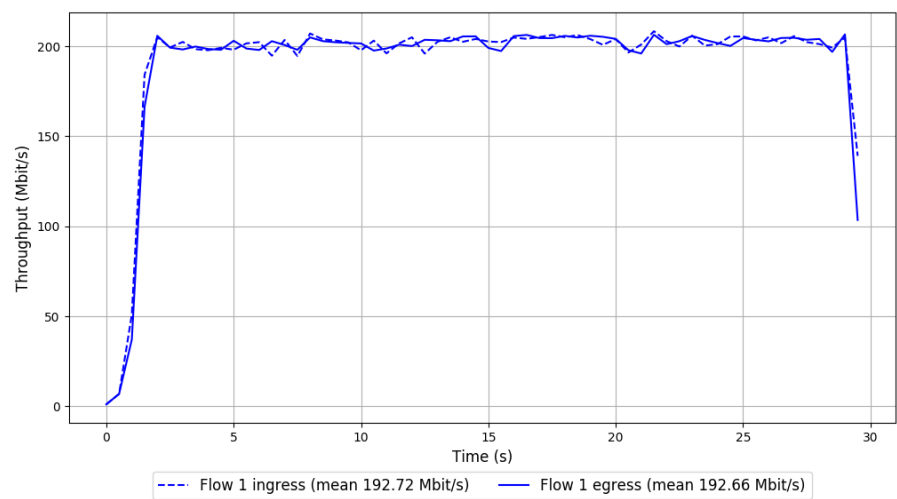


```
Run 1: Statistics of Indigo-calib

Start at: 2017-11-30 09:01:22
End at: 2017-11-30 09:01:52
Local clock offset: 1.245 ms
Remote clock offset: -3.33 ms

# Below is generated by plot.py at 2017-11-30 15:16:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 192.66 Mbit/s
95th percentile per-packet one-way delay: 78.781 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 192.66 Mbit/s
95th percentile per-packet one-way delay: 78.781 ms
Loss rate: 0.58%
```

Run 1: Report of Indigo-calib — Data Link

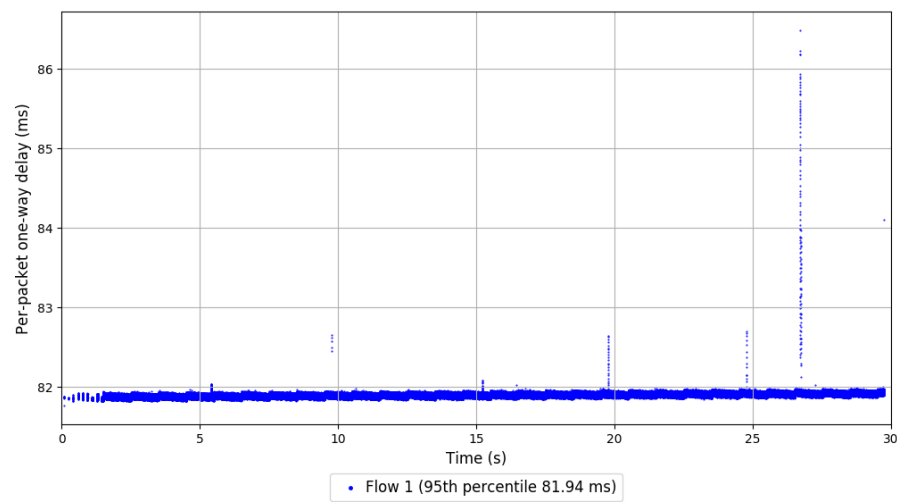
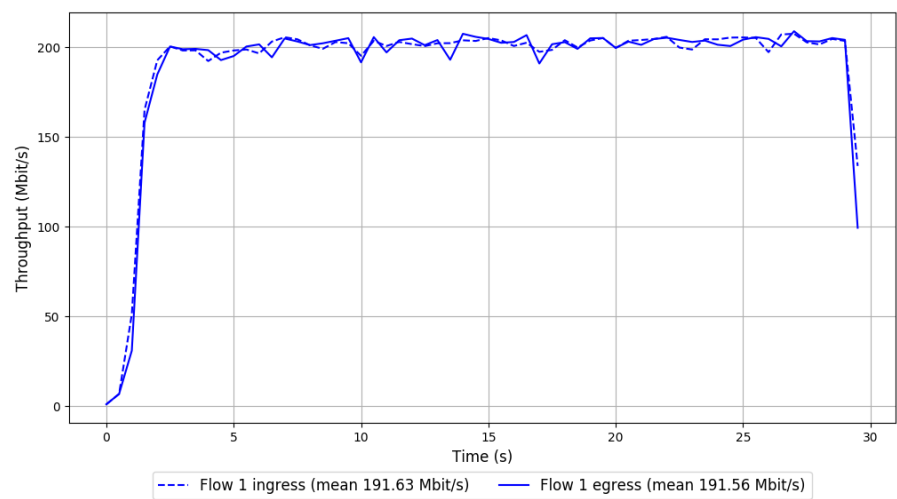


Run 2: Statistics of Indigo-calib

Start at: 2017-11-30 09:19:16  
End at: 2017-11-30 09:19:46  
Local clock offset: 1.473 ms  
Remote clock offset: -4.213 ms

# Below is generated by plot.py at 2017-11-30 15:16:10  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 191.56 Mbit/s  
95th percentile per-packet one-way delay: 81.936 ms  
Loss rate: 0.59%  
-- Flow 1:  
Average throughput: 191.56 Mbit/s  
95th percentile per-packet one-way delay: 81.936 ms  
Loss rate: 0.59%

Run 2: Report of Indigo-calib — Data Link



Run 3: Statistics of Indigo-calib

Start at: 2017-11-30 09:37:10

End at: 2017-11-30 09:37:41

Local clock offset: 1.541 ms

Remote clock offset: -2.447 ms

# Below is generated by plot.py at 2017-11-30 15:16:26

# Datalink statistics

-- Total of 1 flow:

Average throughput: 190.88 Mbit/s

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

Loss rate: 0.60%

-- Flow 1:

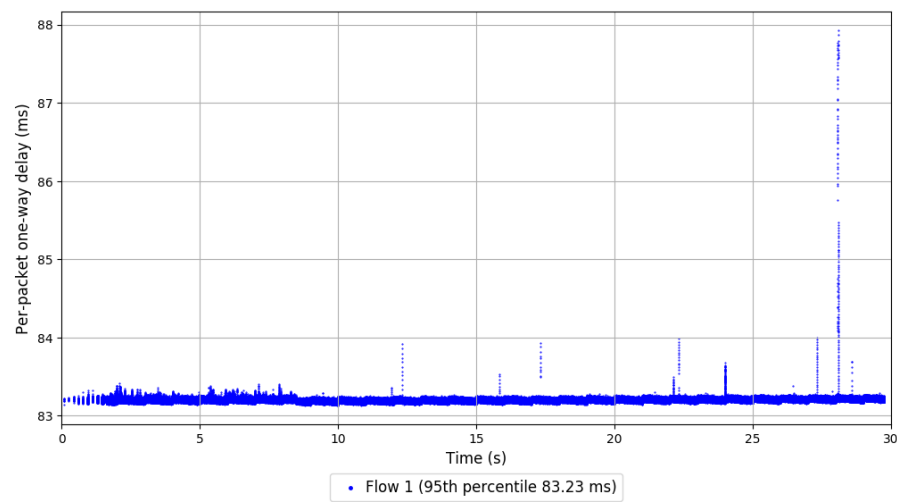
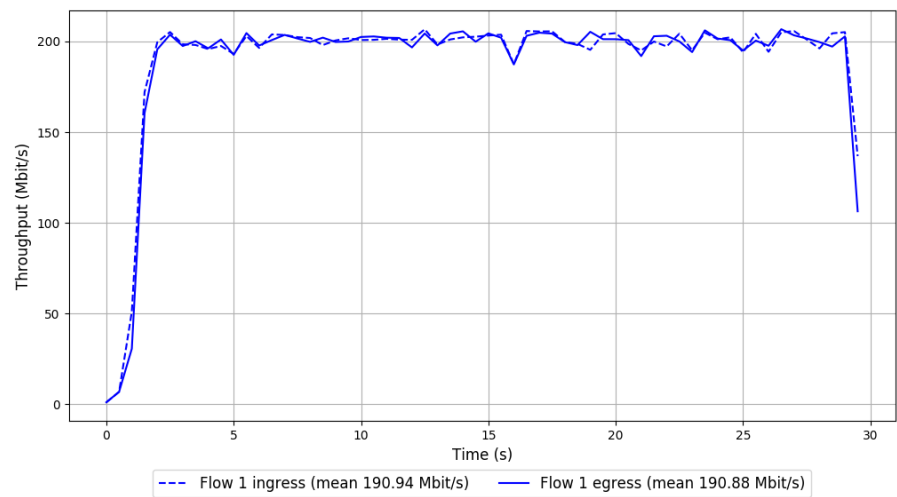
Average throughput: 190.88 Mbit/s

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

Loss rate: 0.60%



Run 3: Report of Indigo-calib — Data Link



Run 4: Statistics of Indigo-calib

Start at: 2017-11-30 09:55:07

End at: 2017-11-30 09:55:37

Local clock offset: 1.715 ms

Remote clock offset: -0.84 ms

# Below is generated by plot.py at 2017-11-30 15:16:27

# Datalink statistics

-- Total of 1 flow:

Average throughput: 191.92 Mbit/s

95th percentile per-packet one-way delay: 81.298 ms

Loss rate: 0.59%

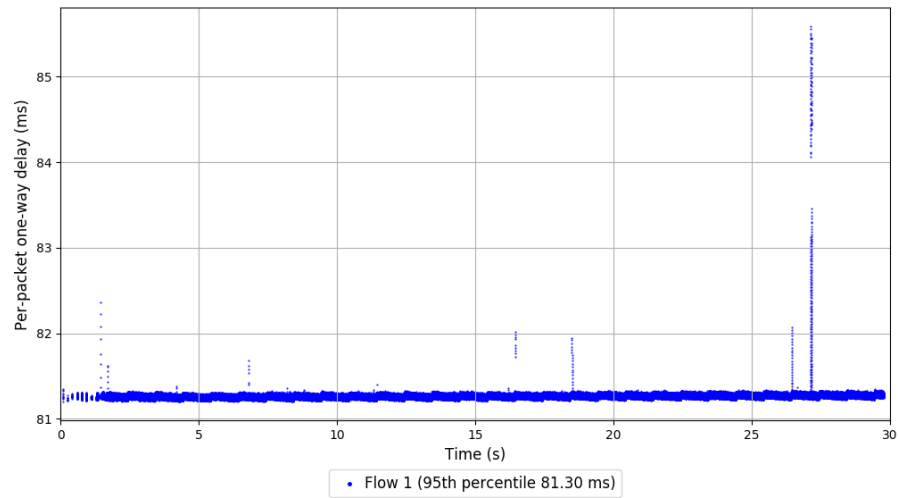
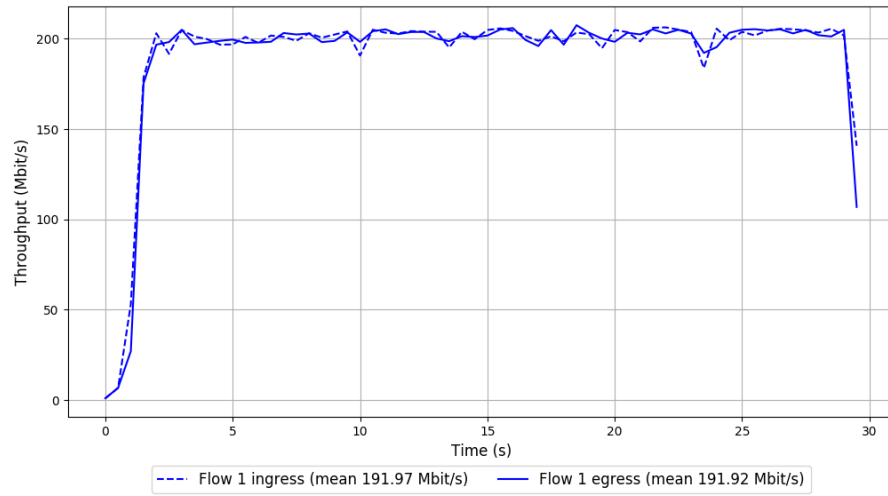
-- Flow 1:

Average throughput: 191.92 Mbit/s

95th percentile per-packet one-way delay: 81.298 ms

Loss rate: 0.59%

#### Run 4: Report of Indigo-calib — Data Link



Run 5: Statistics of Indigo-calib

Start at: 2017-11-30 10:13:04

End at: 2017-11-30 10:13:34

Local clock offset: 1.51 ms

Remote clock offset: -4.338 ms

# Below is generated by plot.py at 2017-11-30 15:16:30

# Datalink statistics

-- Total of 1 flow:

Average throughput: 190.78 Mbit/s

95th percentile per-packet one-way delay: 85.595 ms

Loss rate: 0.59%

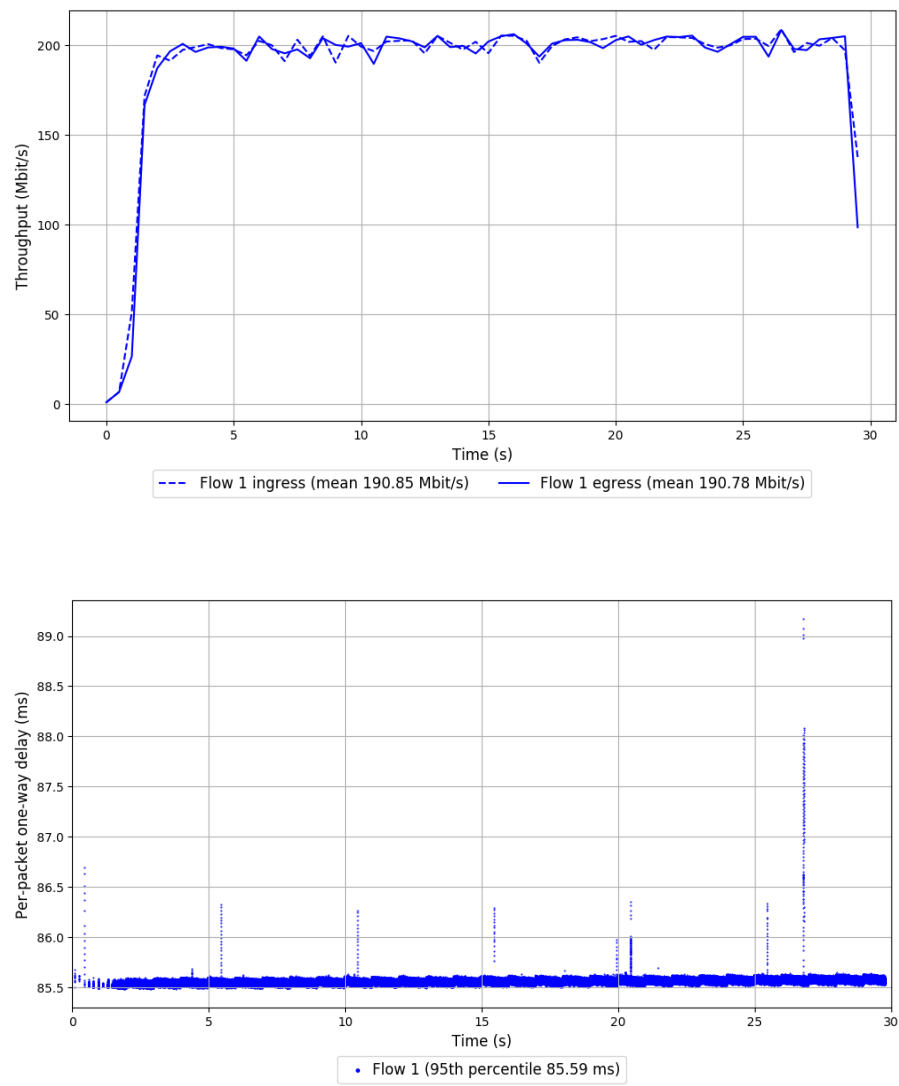
-- Flow 1:

Average throughput: 190.78 Mbit/s

95th percentile per-packet one-way delay: 85.595 ms

Loss rate: 0.59%

Run 5: Report of Indigo-calib — Data Link

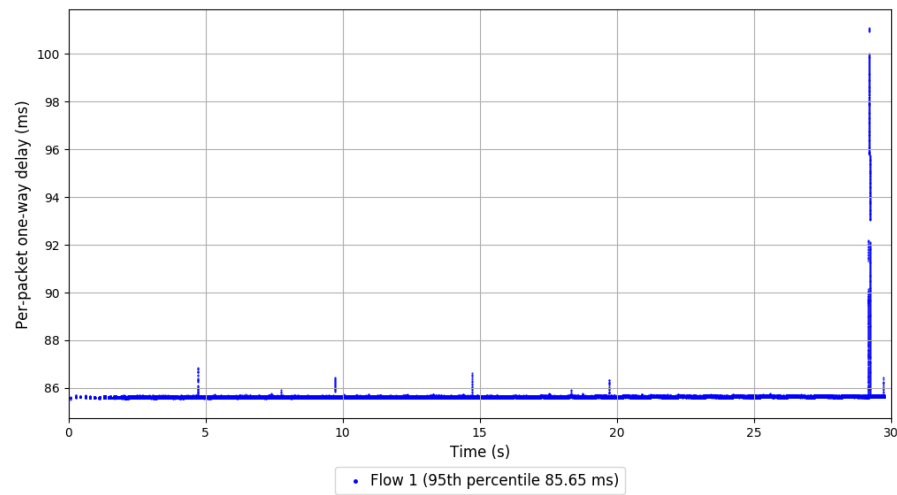
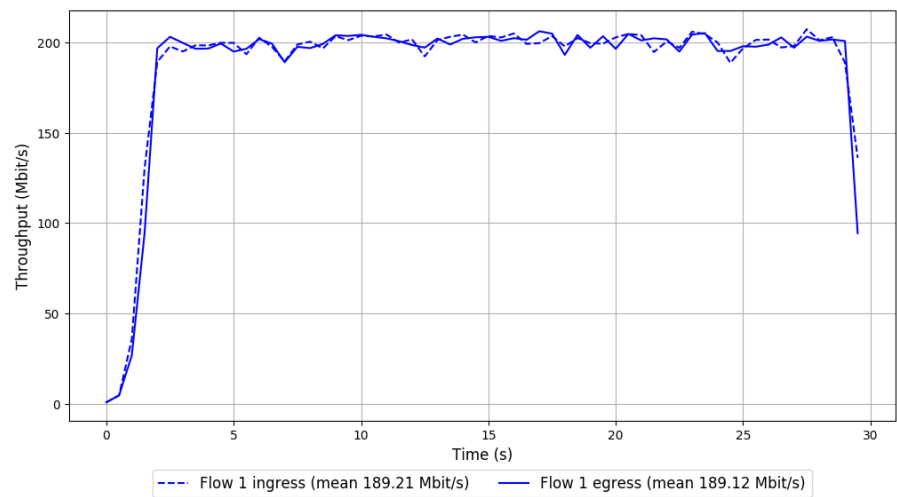


Run 6: Statistics of Indigo-calib

Start at: 2017-11-30 10:30:59  
End at: 2017-11-30 10:31:29  
Local clock offset: 1.402 ms  
Remote clock offset: -3.087 ms

# Below is generated by plot.py at 2017-11-30 15:16:51  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 189.12 Mbit/s  
95th percentile per-packet one-way delay: 85.654 ms  
Loss rate: 0.60%  
-- Flow 1:  
Average throughput: 189.12 Mbit/s  
95th percentile per-packet one-way delay: 85.654 ms  
Loss rate: 0.60%

Run 6: Report of Indigo-calib — Data Link



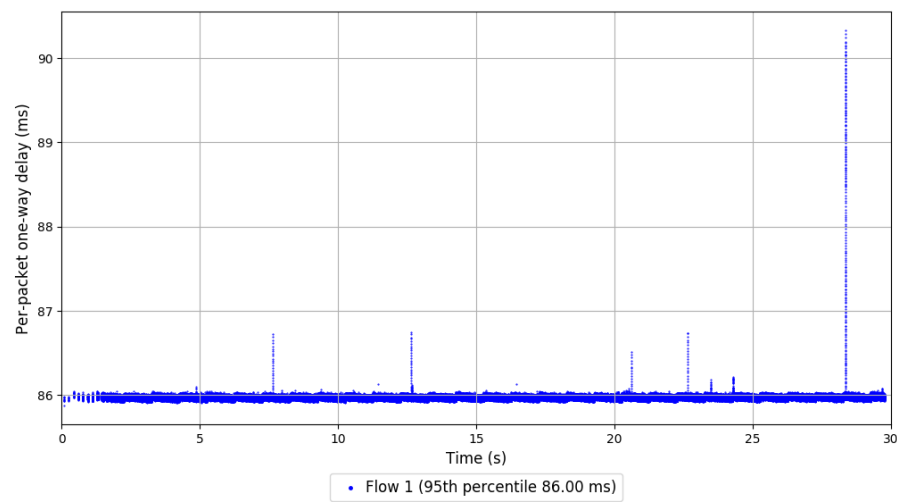
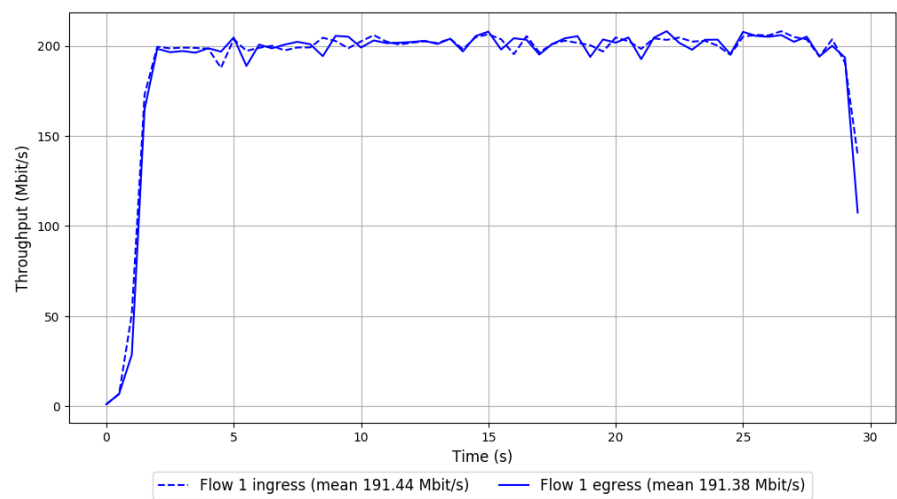
Run 7: Statistics of Indigo-calib

Start at: 2017-11-30 10:49:16  
End at: 2017-11-30 10:49:46  
Local clock offset: 1.108 ms  
Remote clock offset: -2.083 ms

# Below is generated by plot.py at 2017-11-30 15:16:59  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 191.38 Mbit/s  
95th percentile per-packet one-way delay: 86.002 ms  
Loss rate: 0.60%  
-- Flow 1:  
Average throughput: 191.38 Mbit/s  
95th percentile per-packet one-way delay: 86.002 ms  
Loss rate: 0.60%



Run 7: Report of Indigo-calib — Data Link

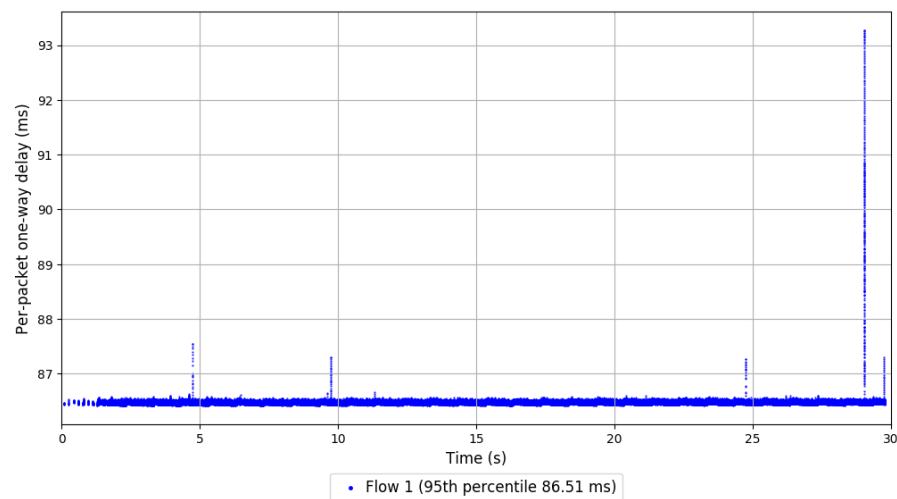
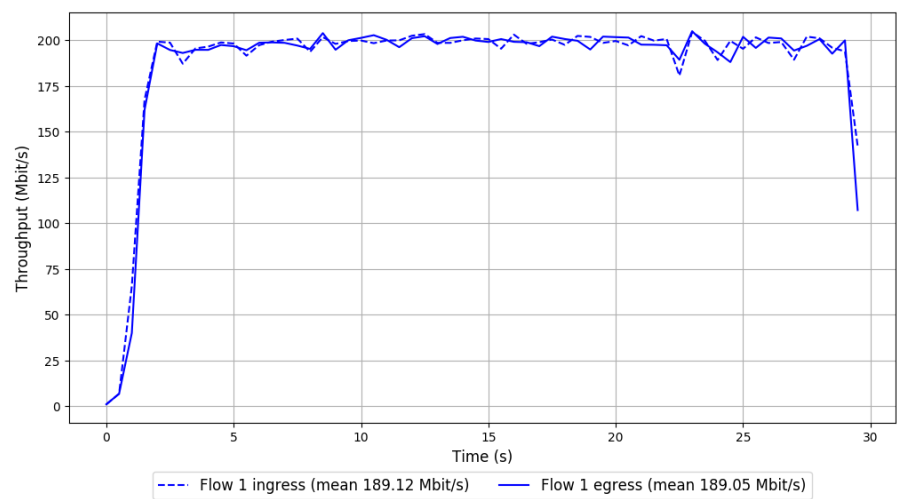


Run 8: Statistics of Indigo-calib

Start at: 2017-11-30 11:07:11  
End at: 2017-11-30 11:07:41  
Local clock offset: 0.827 ms  
Remote clock offset: -1.322 ms

# Below is generated by plot.py at 2017-11-30 15:16:59  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 189.05 Mbit/s  
95th percentile per-packet one-way delay: 86.506 ms  
Loss rate: 0.59%  
-- Flow 1:  
Average throughput: 189.05 Mbit/s  
95th percentile per-packet one-way delay: 86.506 ms  
Loss rate: 0.59%

Run 8: Report of Indigo-calib — Data Link



Run 9: Statistics of Indigo-calib

Start at: 2017-11-30 11:25:09

End at: 2017-11-30 11:25:39

Local clock offset: 0.606 ms

Remote clock offset: -1.909 ms

# Below is generated by plot.py at 2017-11-30 15:17:15

# Datalink statistics

-- Total of 1 flow:

Average throughput: 190.51 Mbit/s

95th percentile per-packet one-way delay: 86.160 ms

Loss rate: 0.60%

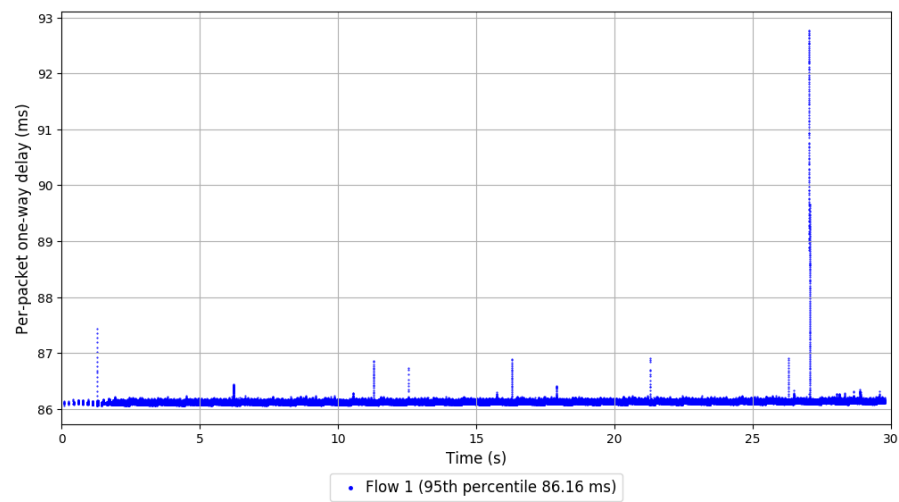
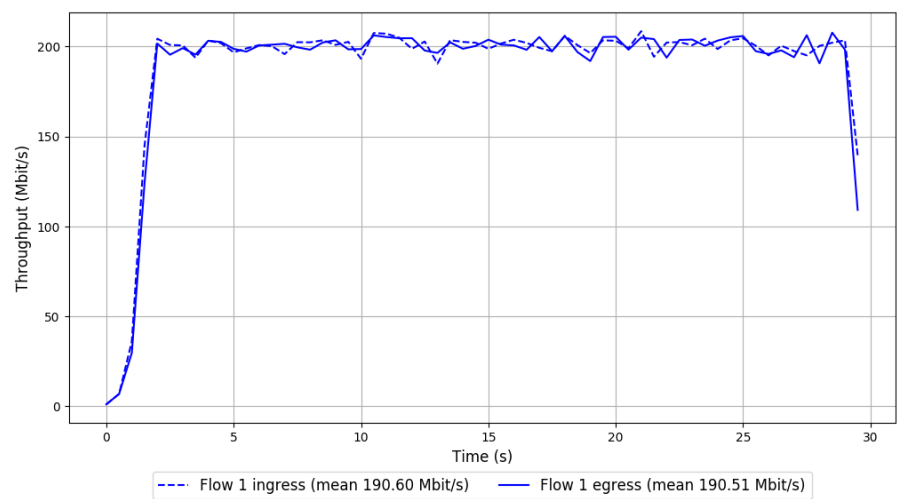
-- Flow 1:

Average throughput: 190.51 Mbit/s

95th percentile per-packet one-way delay: 86.160 ms

Loss rate: 0.60%

Run 9: Report of Indigo-calib — Data Link



Run 10: Statistics of Indigo-calib

Start at: 2017-11-30 11:43:05

End at: 2017-11-30 11:43:35

Local clock offset: 0.346 ms

Remote clock offset: -0.942 ms

# Below is generated by plot.py at 2017-11-30 15:17:15

# Datalink statistics

-- Total of 1 flow:

Average throughput: 189.89 Mbit/s

95th percentile per-packet one-way delay: 87.269 ms

Loss rate: 0.59%

-- Flow 1:

Average throughput: 189.89 Mbit/s

95th percentile per-packet one-way delay: 87.269 ms

Loss rate: 0.59%

Run 10: Report of Indigo-calib — Data Link

