

Pantheon Report

Generated at 2018-03-20 21:56:35 (UTC).

Data path: Stanford Ethernet (*remote*) → AWS California 1 Ethernet (*local*).

Repeated the test of 17 congestion control schemes 10 times.

Each test lasted for 30 seconds running 1 flow.

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

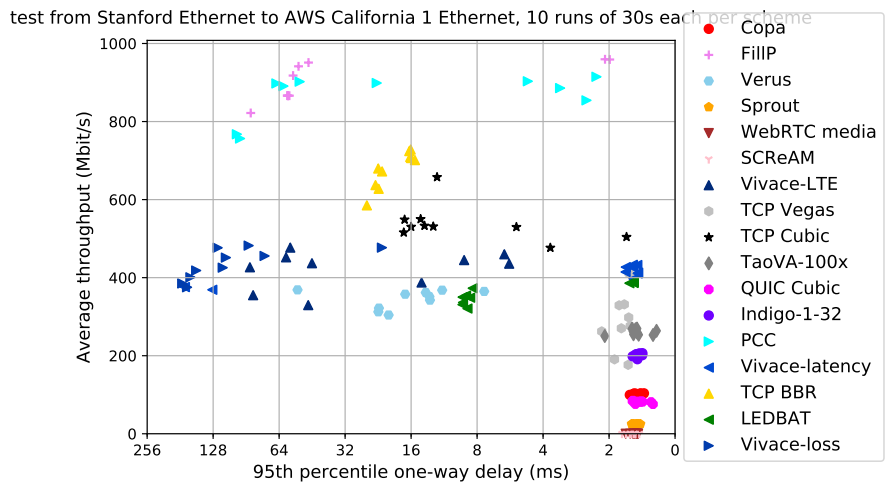
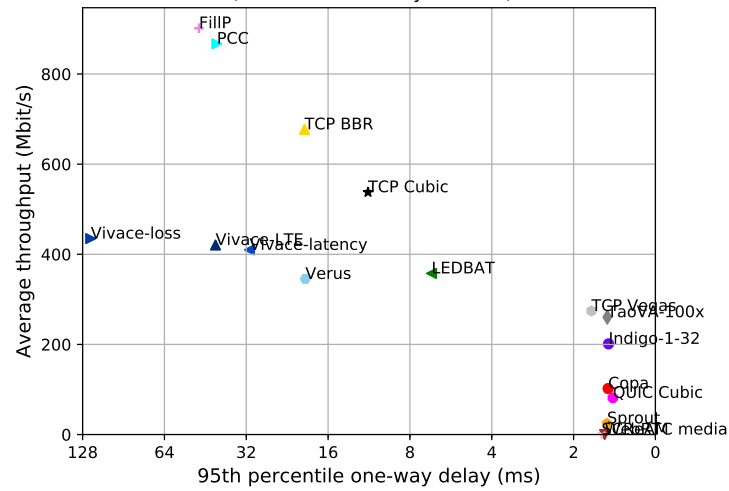
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

NTP offsets were measured against `time.stanford.edu` and have been applied to correct the timestamps in logs.

Git summary:

```
branch: master @ f12c42a2c63fdd9a862eefa0468859bf379b6623
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/fillp @ 828bbf95fd4941149b5cec90f281d1c69ae1a5c6
third_party/genericCC @ 9249eea3238475c4d8cca1443d28df70bff6c4a2
third_party/indigo @ a9b2060d39e4da2e8987e893e3eca2a6c7cd0ab9
third_party/indigo-1-layer-128-unit @ 3ae9e4ef4230db7484501f82ce8b377695f2f66d
third_party/indigo-1-layer-32-unit @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/indigo-1-layer-32-unit-no-calib @ 1f3a7f75b41135ed5b540c0fd3505939528e2a5f
third_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ fb1053193c2861da659ba9013db26744ccfcf993
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eae30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/vivace @ 7a4ba531e75b4a6f66f5c4580192120401784ce3
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

test from Stanford Ethernet to AWS California 1 Ethernet, 10 runs of 30s each per scheme
(mean of all runs by scheme)



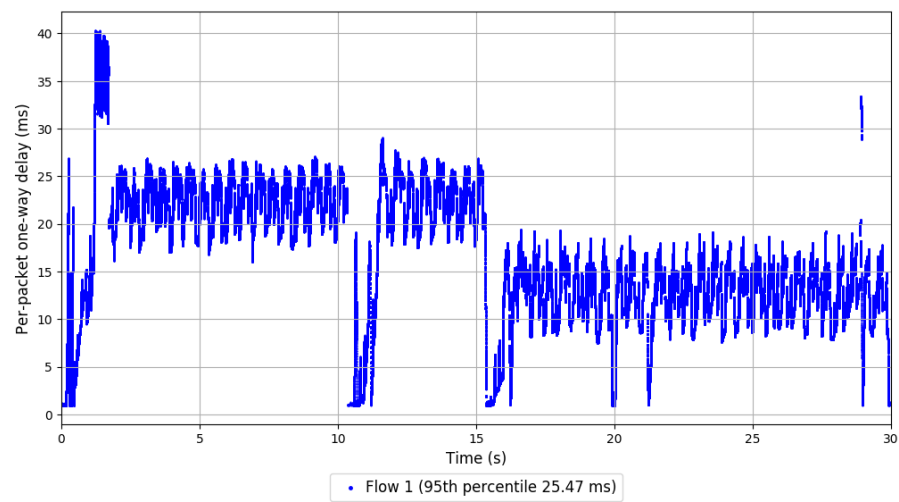
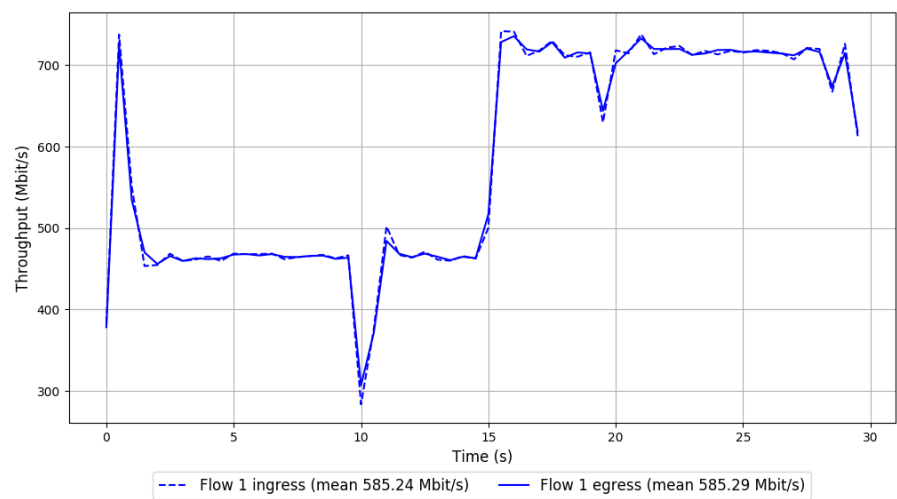
scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	677.17	19.54	0.09
TCP Cubic	10	537.69	11.41	0.06
LEDBAT	10	357.52	6.66	0.08
PCC	10	867.14	41.06	2.61
QUIC Cubic	10	81.44	1.04	0.07
SCReAM	10	0.22	1.32	0.13
WebRTC media	10	0.05	1.24	0.00
Sprout	10	24.83	1.18	0.08
TaoVA-100x	10	260.40	1.18	0.07
TCP Vegas	10	274.20	1.56	0.06
Verus	10	345.34	19.41	0.18
Copa	10	102.12	1.16	0.06
FillP	10	901.60	47.77	3.67
Indigo-1-32	10	201.24	1.15	0.06
Vivace-latency	10	409.75	31.16	0.37
Vivace-loss	10	434.80	119.49	3.27
Vivace-LTE	10	420.62	41.52	0.58

Run 1: Statistics of TCP BBR

Start at: 2018-03-20 11:07:00
End at: 2018-03-20 11:07:30
Local clock offset: -0.462 ms
Remote clock offset: -4.583 ms

Below is generated by plot.py at 2018-03-20 20:10:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 585.29 Mbit/s
95th percentile per-packet one-way delay: 25.468 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 585.29 Mbit/s
95th percentile per-packet one-way delay: 25.468 ms
Loss rate: 0.05%

Run 1: Report of TCP BBR — Data Link

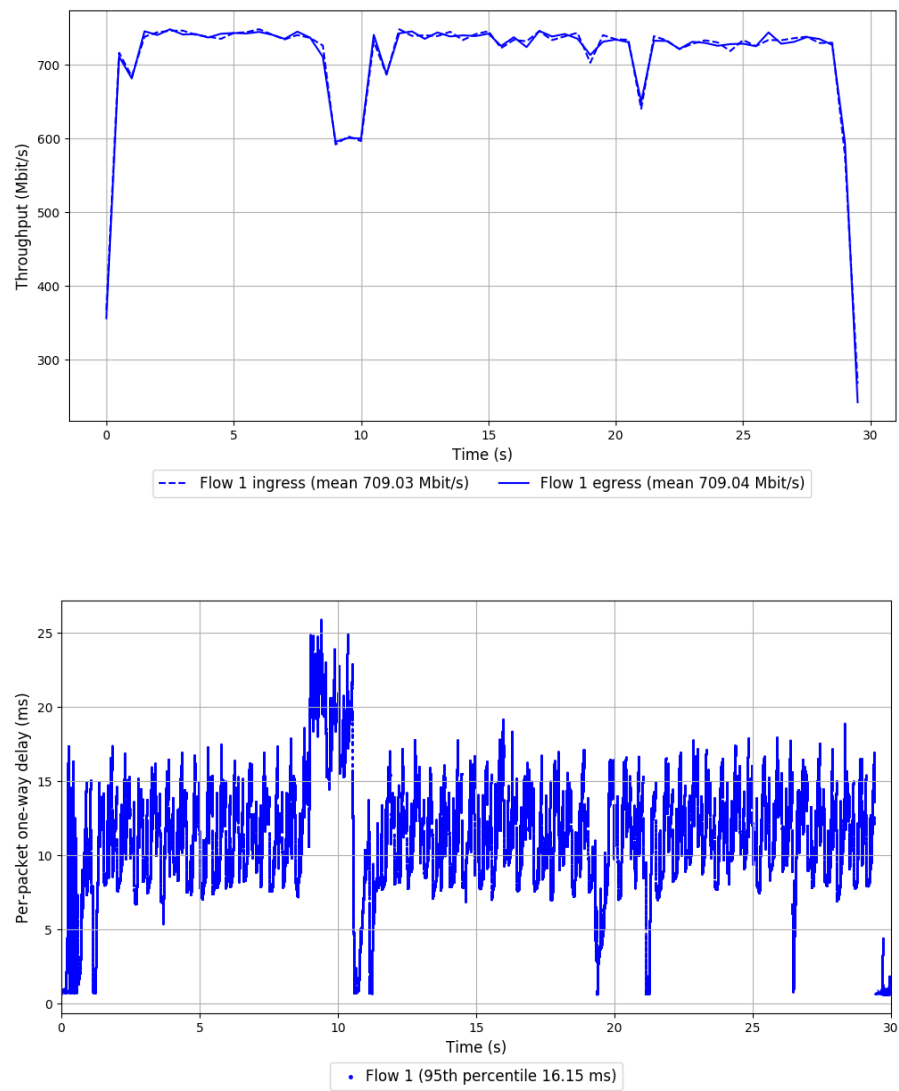


Run 2: Statistics of TCP BBR

Start at: 2018-03-20 11:34:18
End at: 2018-03-20 11:34:49
Local clock offset: 3.256 ms
Remote clock offset: -4.576 ms

Below is generated by plot.py at 2018-03-20 20:11:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 709.04 Mbit/s
95th percentile per-packet one-way delay: 16.149 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 709.04 Mbit/s
95th percentile per-packet one-way delay: 16.149 ms
Loss rate: 0.06%

Run 2: Report of TCP BBR — Data Link

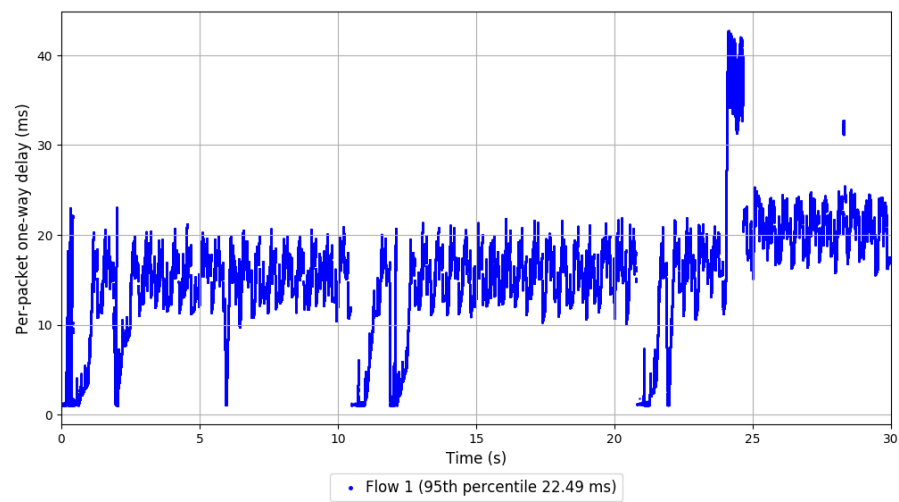
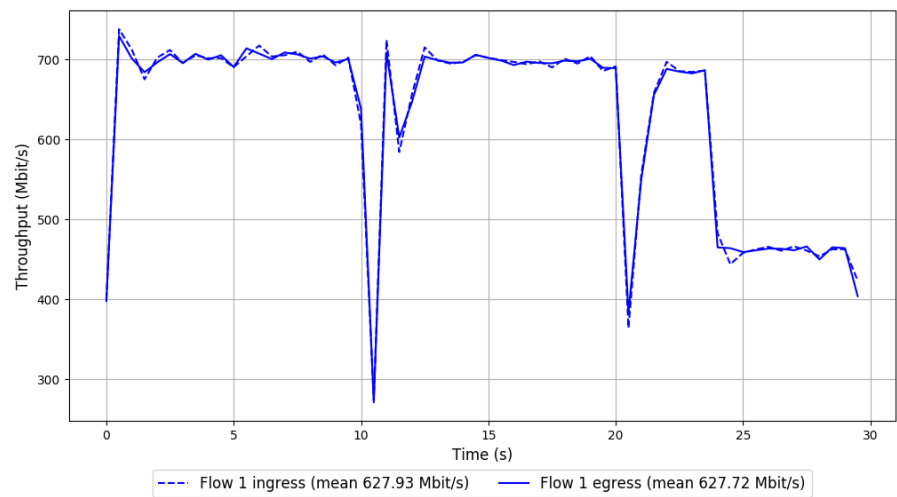


Run 3: Statistics of TCP BBR

Start at: 2018-03-20 12:01:37
End at: 2018-03-20 12:02:07
Local clock offset: 5.882 ms
Remote clock offset: -4.596 ms

Below is generated by plot.py at 2018-03-20 20:11:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 627.72 Mbit/s
95th percentile per-packet one-way delay: 22.491 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 627.72 Mbit/s
95th percentile per-packet one-way delay: 22.491 ms
Loss rate: 0.09%

Run 3: Report of TCP BBR — Data Link

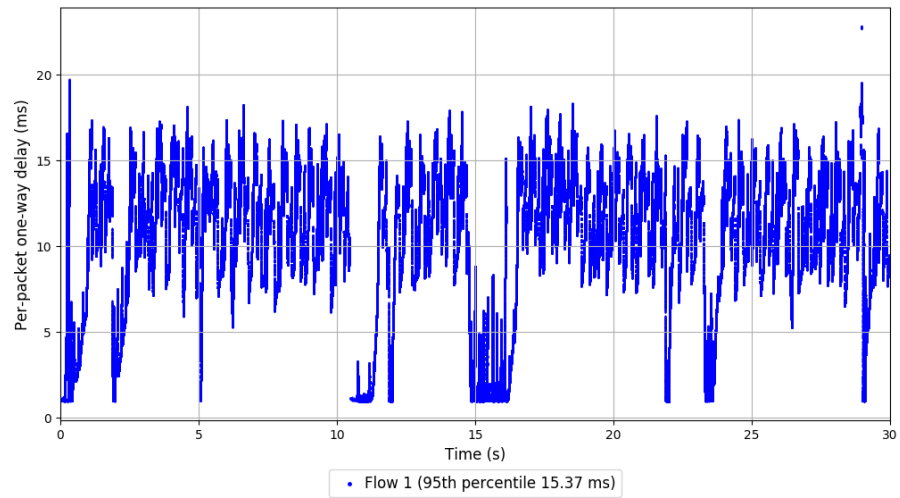
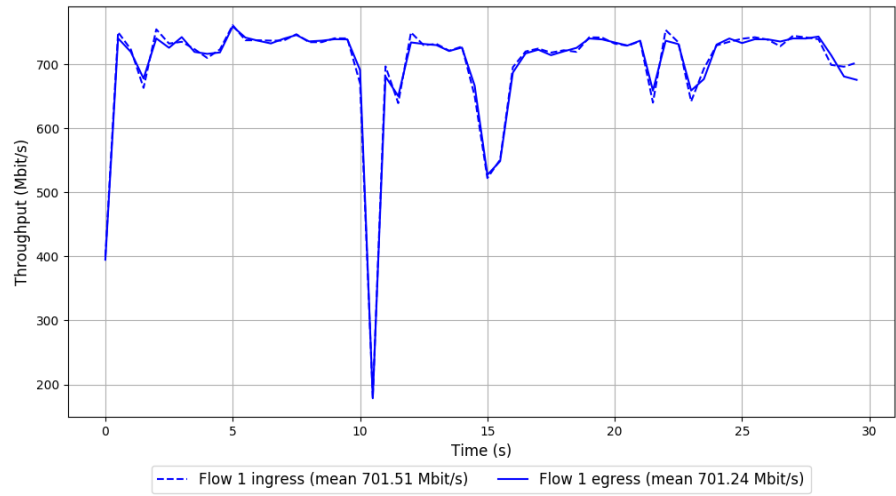


Run 4: Statistics of TCP BBR

Start at: 2018-03-20 12:28:57
End at: 2018-03-20 12:29:27
Local clock offset: 4.882 ms
Remote clock offset: -5.023 ms

Below is generated by plot.py at 2018-03-20 20:11:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 701.24 Mbit/s
95th percentile per-packet one-way delay: 15.369 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 701.24 Mbit/s
95th percentile per-packet one-way delay: 15.369 ms
Loss rate: 0.10%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2018-03-20 12:56:28

End at: 2018-03-20 12:56:58

Local clock offset: 5.401 ms

Remote clock offset: -6.212 ms

Below is generated by plot.py at 2018-03-20 20:11:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 724.37 Mbit/s

95th percentile per-packet one-way delay: 16.305 ms

Loss rate: 0.09%

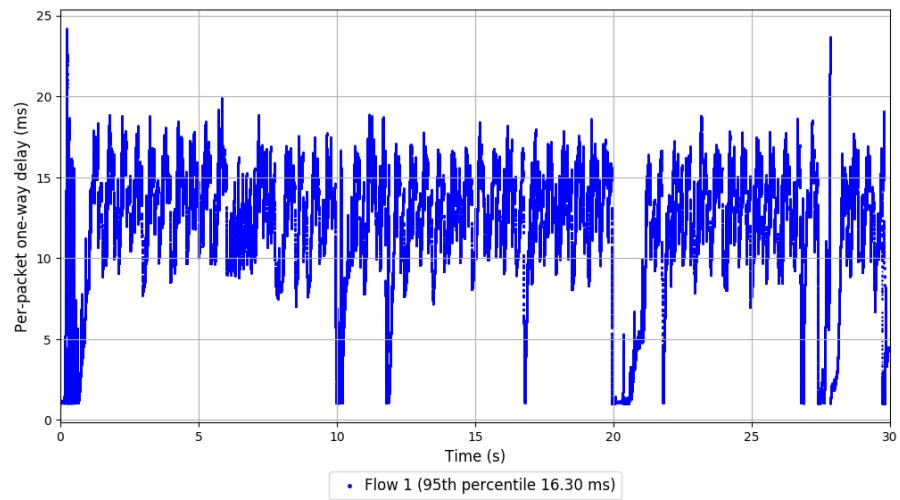
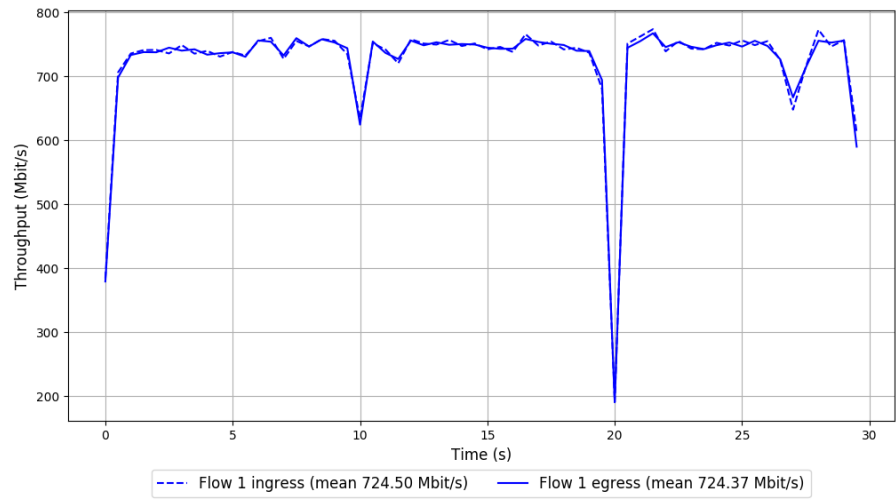
-- Flow 1:

Average throughput: 724.37 Mbit/s

95th percentile per-packet one-way delay: 16.305 ms

Loss rate: 0.09%

Run 5: Report of TCP BBR — Data Link

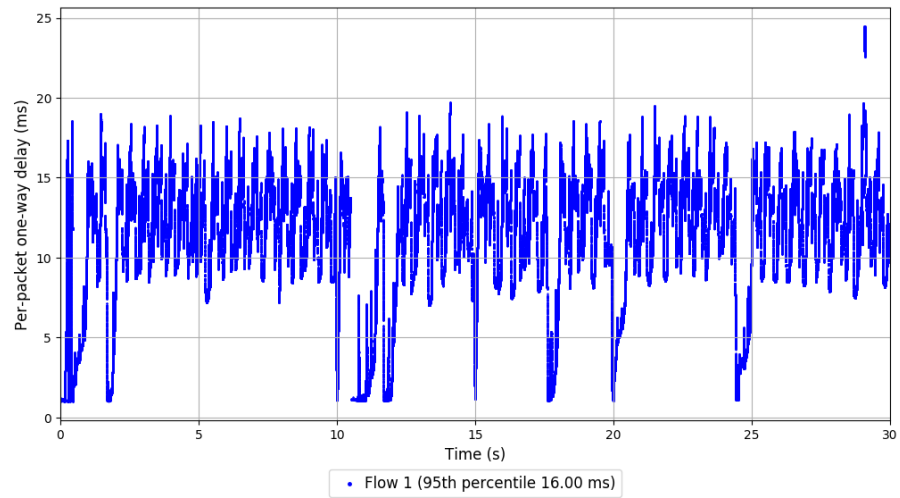
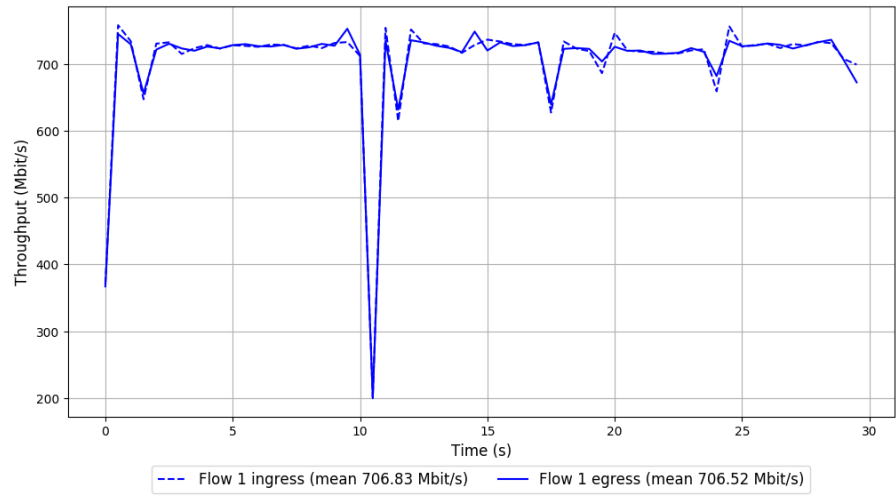


Run 6: Statistics of TCP BBR

Start at: 2018-03-20 13:23:56
End at: 2018-03-20 13:24:26
Local clock offset: -0.427 ms
Remote clock offset: -6.108 ms

Below is generated by plot.py at 2018-03-20 20:11:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 706.52 Mbit/s
95th percentile per-packet one-way delay: 15.998 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 706.52 Mbit/s
95th percentile per-packet one-way delay: 15.998 ms
Loss rate: 0.11%

Run 6: Report of TCP BBR — Data Link

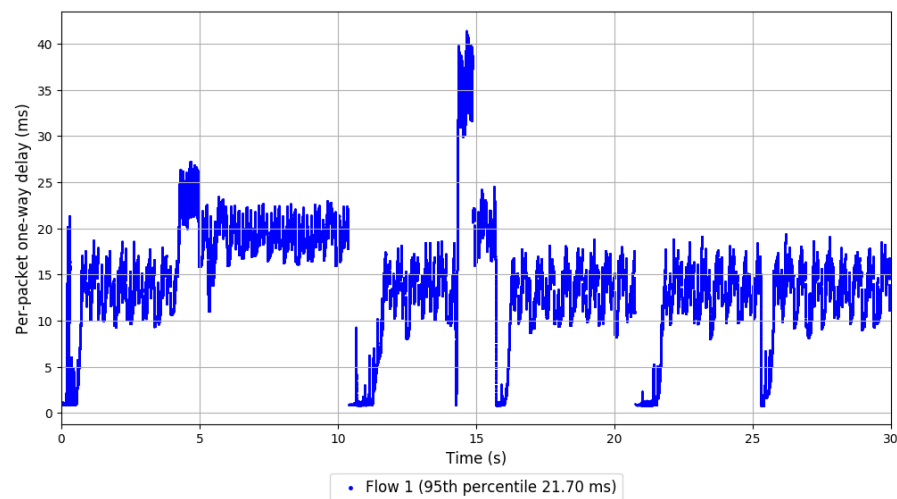
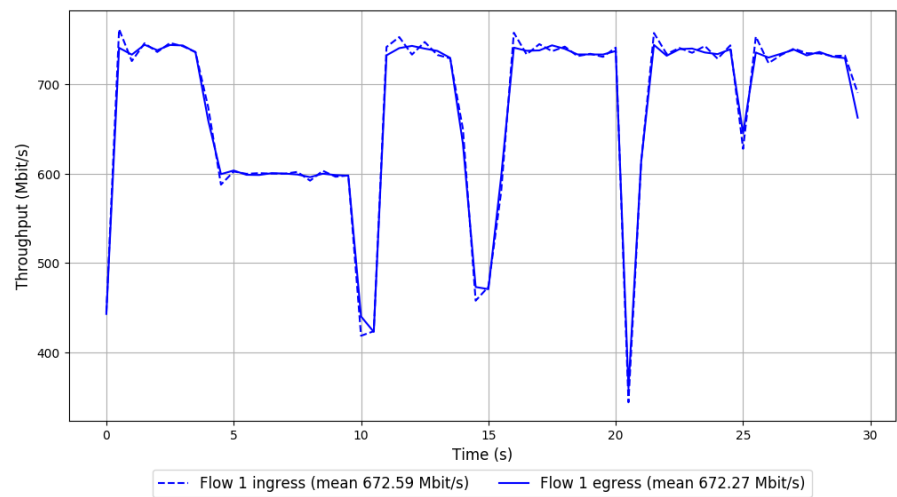


Run 7: Statistics of TCP BBR

Start at: 2018-03-20 13:51:22
End at: 2018-03-20 13:51:52
Local clock offset: 1.877 ms
Remote clock offset: -5.739 ms

Below is generated by plot.py at 2018-03-20 20:11:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 672.27 Mbit/s
95th percentile per-packet one-way delay: 21.702 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 672.27 Mbit/s
95th percentile per-packet one-way delay: 21.702 ms
Loss rate: 0.11%

Run 7: Report of TCP BBR — Data Link

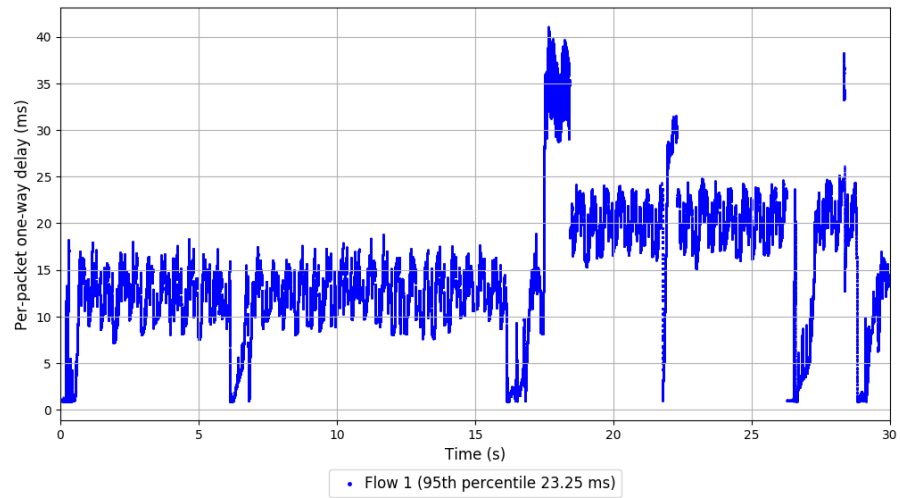
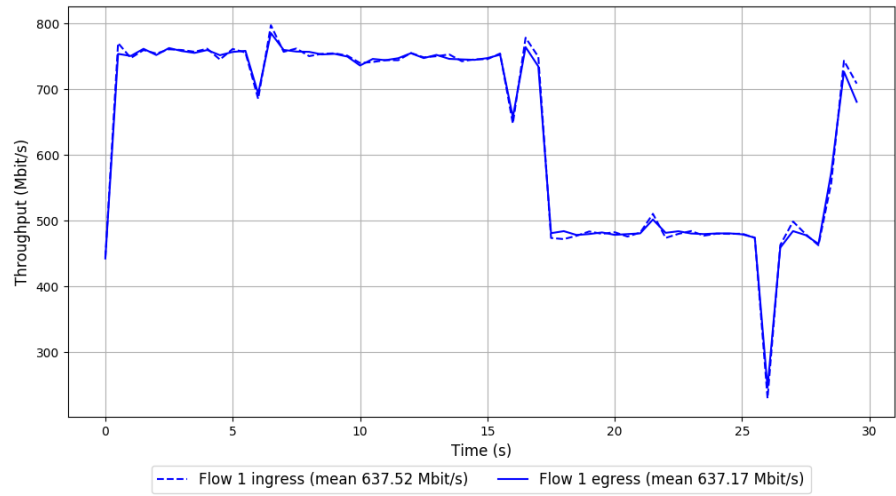


Run 8: Statistics of TCP BBR

Start at: 2018-03-20 14:18:51
End at: 2018-03-20 14:19:21
Local clock offset: 3.356 ms
Remote clock offset: -5.556 ms

Below is generated by plot.py at 2018-03-20 20:11:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 637.17 Mbit/s
95th percentile per-packet one-way delay: 23.254 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 637.17 Mbit/s
95th percentile per-packet one-way delay: 23.254 ms
Loss rate: 0.12%

Run 8: Report of TCP BBR — Data Link

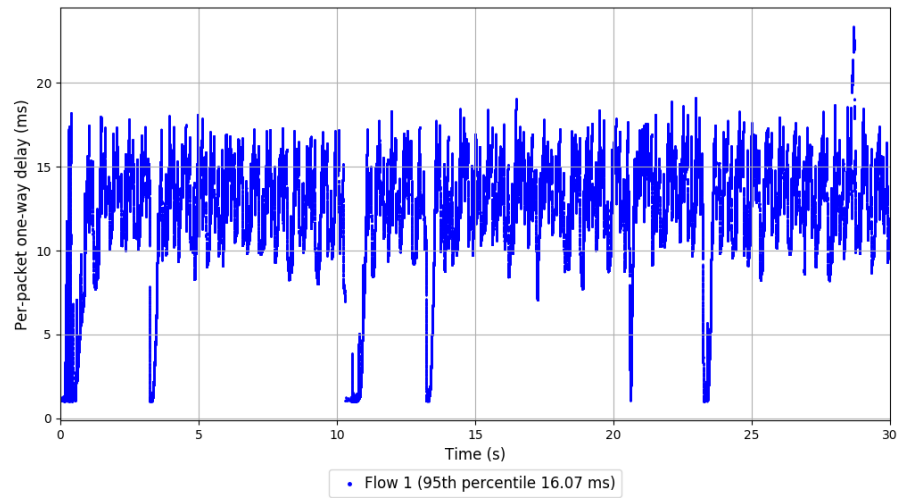
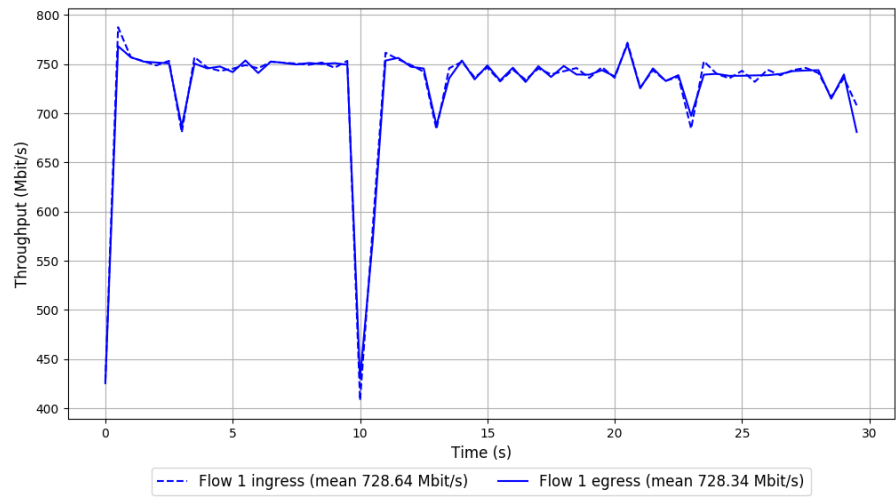


Run 9: Statistics of TCP BBR

Start at: 2018-03-20 14:46:13
End at: 2018-03-20 14:46:43
Local clock offset: 2.16 ms
Remote clock offset: -6.156 ms

Below is generated by plot.py at 2018-03-20 20:20:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 728.34 Mbit/s
95th percentile per-packet one-way delay: 16.071 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 728.34 Mbit/s
95th percentile per-packet one-way delay: 16.071 ms
Loss rate: 0.11%

Run 9: Report of TCP BBR — Data Link

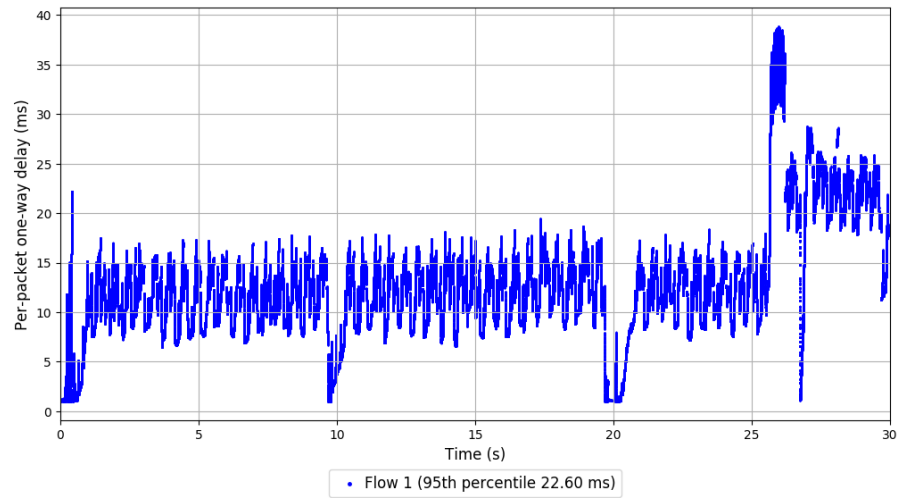
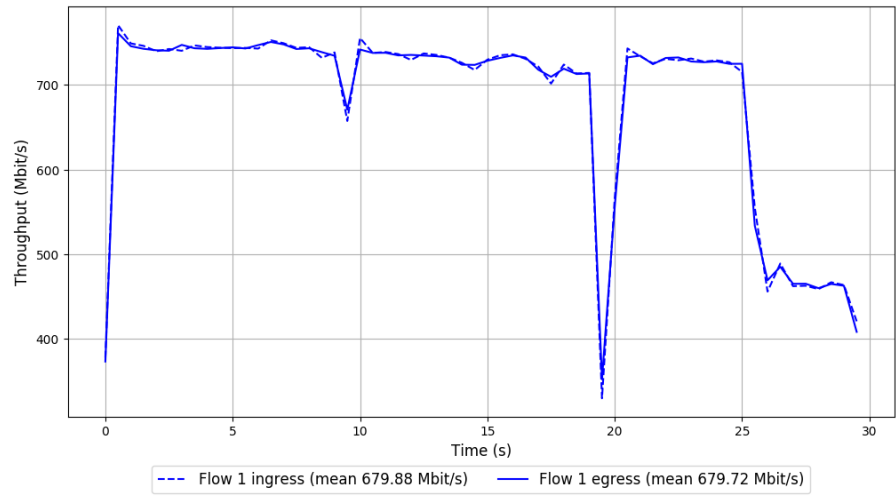


Run 10: Statistics of TCP BBR

Start at: 2018-03-20 15:13:46
End at: 2018-03-20 15:14:16
Local clock offset: 0.069 ms
Remote clock offset: -3.856 ms

Below is generated by plot.py at 2018-03-20 20:20:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 679.72 Mbit/s
95th percentile per-packet one-way delay: 22.596 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 679.72 Mbit/s
95th percentile per-packet one-way delay: 22.596 ms
Loss rate: 0.09%

Run 10: Report of TCP BBR — Data Link

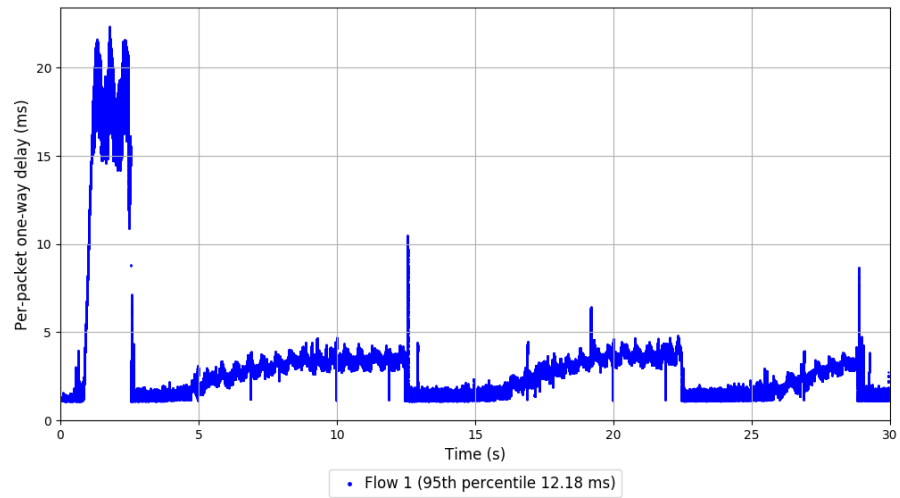
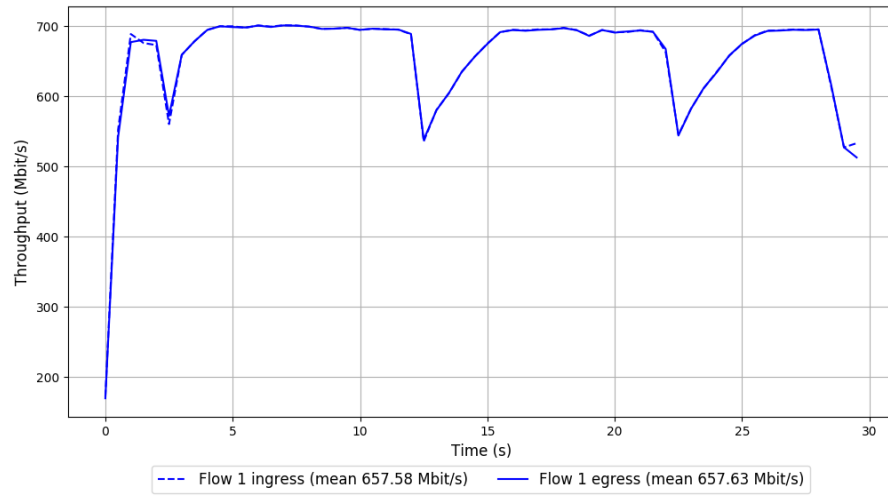


Run 1: Statistics of TCP Cubic

Start at: 2018-03-20 10:47:18
End at: 2018-03-20 10:47:48
Local clock offset: 0.248 ms
Remote clock offset: -4.094 ms

Below is generated by plot.py at 2018-03-20 20:20:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 657.63 Mbit/s
95th percentile per-packet one-way delay: 12.181 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 657.63 Mbit/s
95th percentile per-packet one-way delay: 12.181 ms
Loss rate: 0.06%

Run 1: Report of TCP Cubic — Data Link

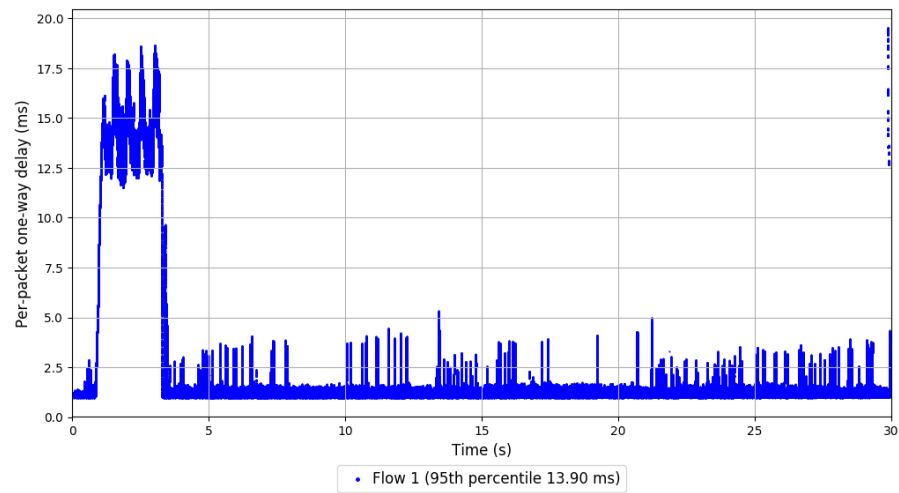
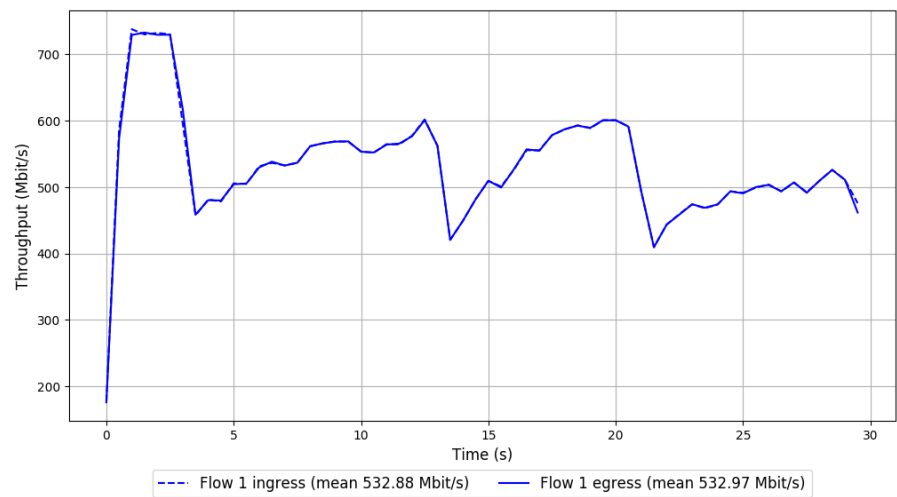


Run 2: Statistics of TCP Cubic

Start at: 2018-03-20 11:14:37
End at: 2018-03-20 11:15:07
Local clock offset: -0.763 ms
Remote clock offset: -4.632 ms

Below is generated by plot.py at 2018-03-20 20:20:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 532.97 Mbit/s
95th percentile per-packet one-way delay: 13.897 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 532.97 Mbit/s
95th percentile per-packet one-way delay: 13.897 ms
Loss rate: 0.05%

Run 2: Report of TCP Cubic — Data Link

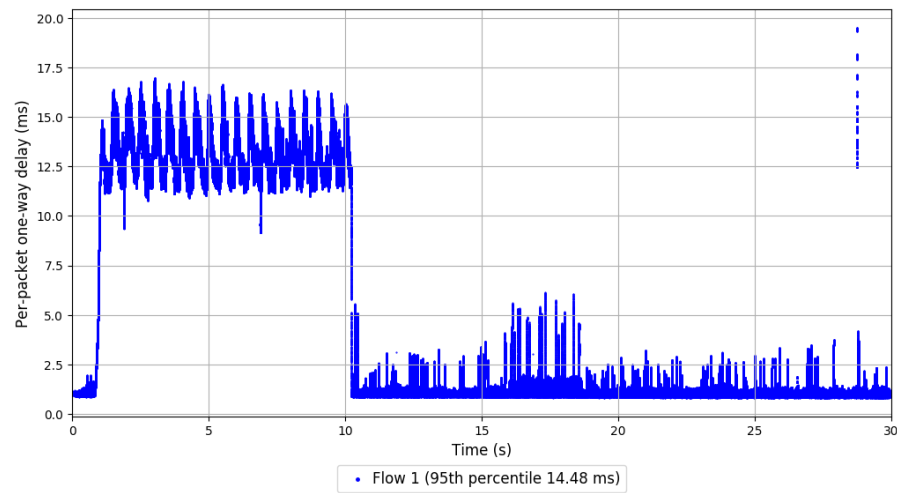
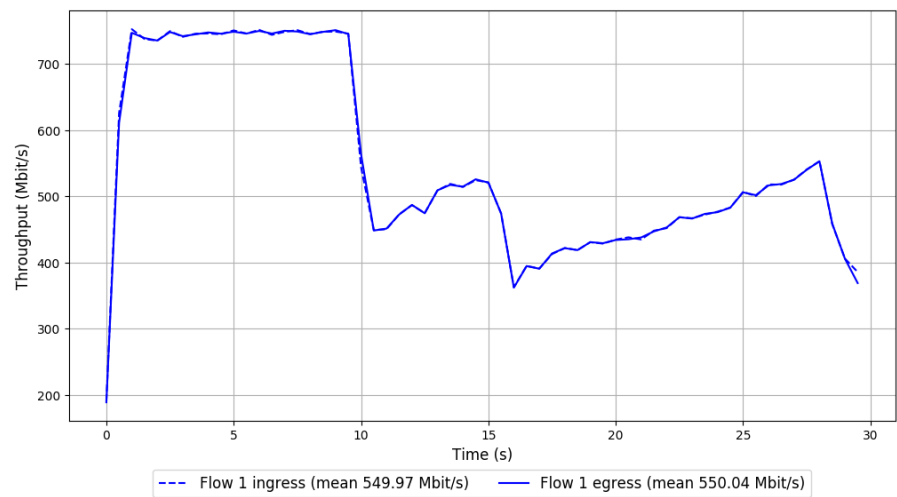


Run 3: Statistics of TCP Cubic

Start at: 2018-03-20 11:41:59
End at: 2018-03-20 11:42:29
Local clock offset: 4.793 ms
Remote clock offset: -4.582 ms

Below is generated by plot.py at 2018-03-20 20:20:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 550.04 Mbit/s
95th percentile per-packet one-way delay: 14.477 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 550.04 Mbit/s
95th percentile per-packet one-way delay: 14.477 ms
Loss rate: 0.05%

Run 3: Report of TCP Cubic — Data Link

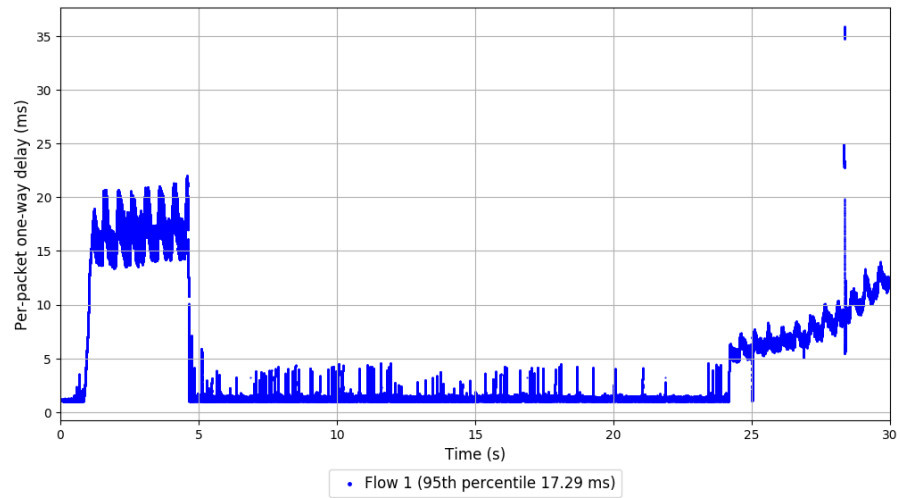
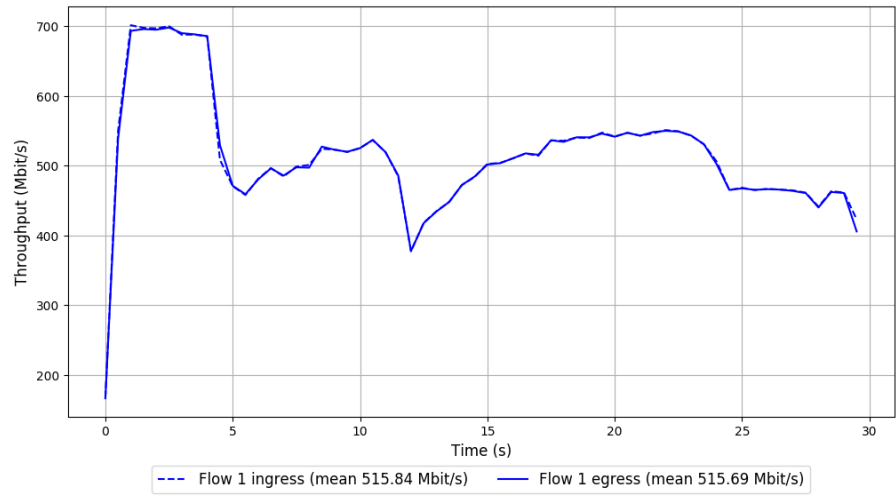


Run 4: Statistics of TCP Cubic

Start at: 2018-03-20 12:09:14
End at: 2018-03-20 12:09:44
Local clock offset: 5.073 ms
Remote clock offset: -4.871 ms

Below is generated by plot.py at 2018-03-20 20:20:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 515.69 Mbit/s
95th percentile per-packet one-way delay: 17.286 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 515.69 Mbit/s
95th percentile per-packet one-way delay: 17.286 ms
Loss rate: 0.09%

Run 4: Report of TCP Cubic — Data Link

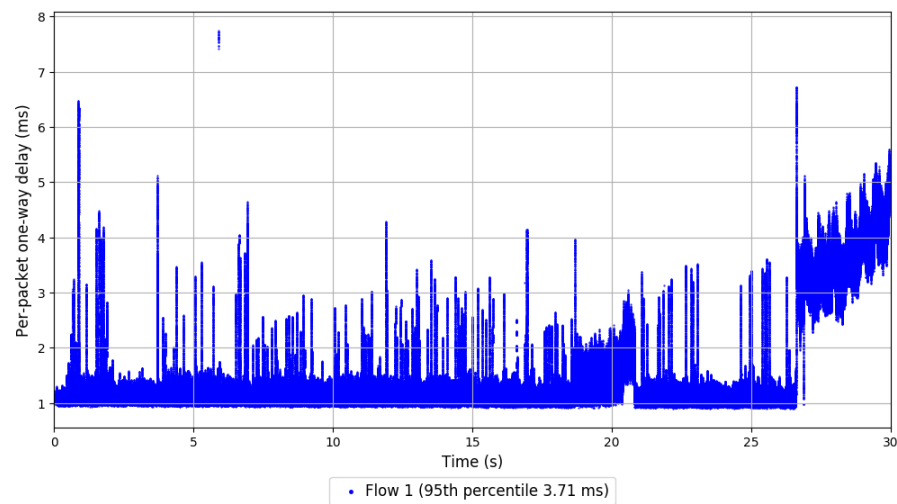
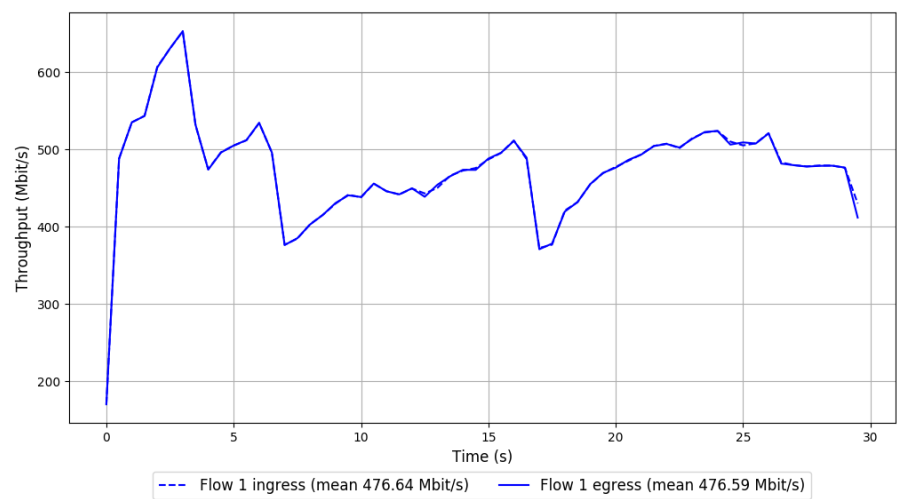


Run 5: Statistics of TCP Cubic

Start at: 2018-03-20 12:36:43
End at: 2018-03-20 12:37:13
Local clock offset: 5.062 ms
Remote clock offset: -5.354 ms

Below is generated by plot.py at 2018-03-20 20:20:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 476.59 Mbit/s
95th percentile per-packet one-way delay: 3.706 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 476.59 Mbit/s
95th percentile per-packet one-way delay: 3.706 ms
Loss rate: 0.08%

Run 5: Report of TCP Cubic — Data Link

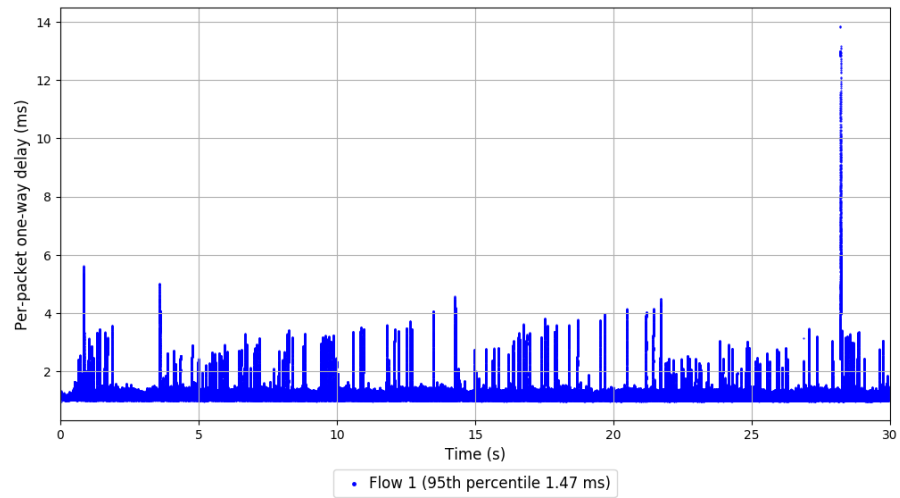
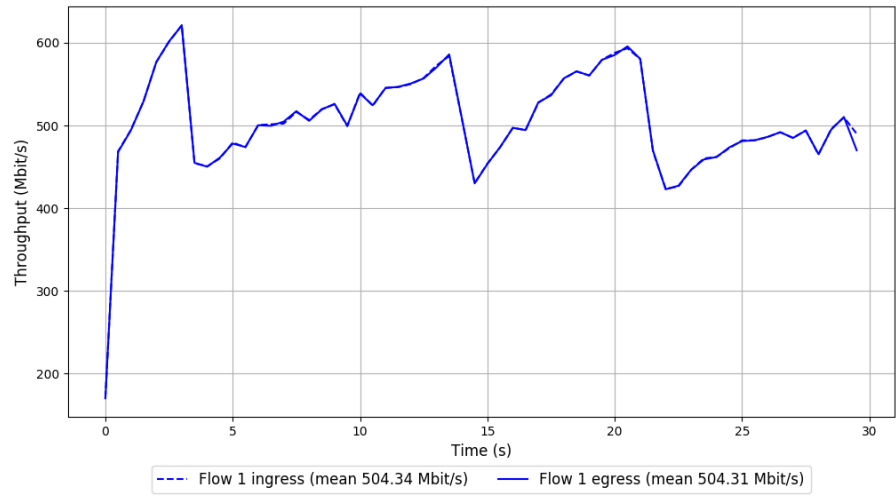


Run 6: Statistics of TCP Cubic

Start at: 2018-03-20 13:04:09
End at: 2018-03-20 13:04:39
Local clock offset: 5.535 ms
Remote clock offset: -6.334 ms

Below is generated by plot.py at 2018-03-20 20:20:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 504.31 Mbit/s
95th percentile per-packet one-way delay: 1.471 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 504.31 Mbit/s
95th percentile per-packet one-way delay: 1.471 ms
Loss rate: 0.07%

Run 6: Report of TCP Cubic — Data Link

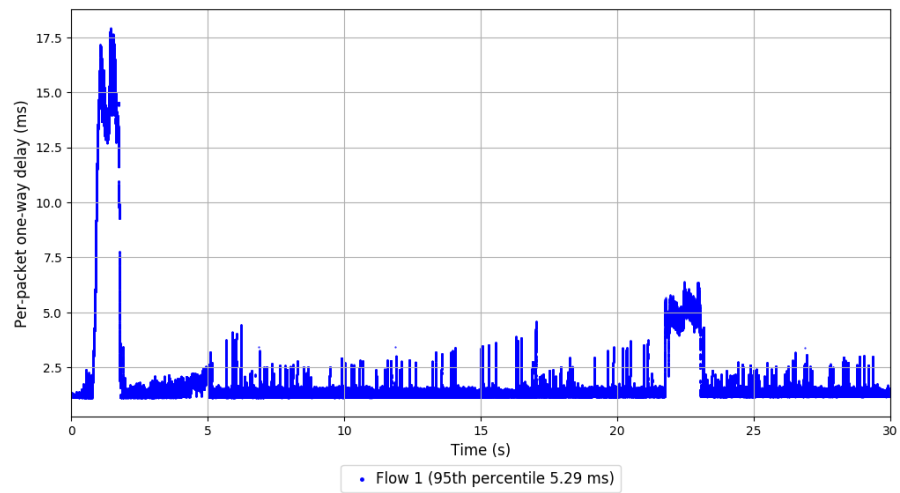
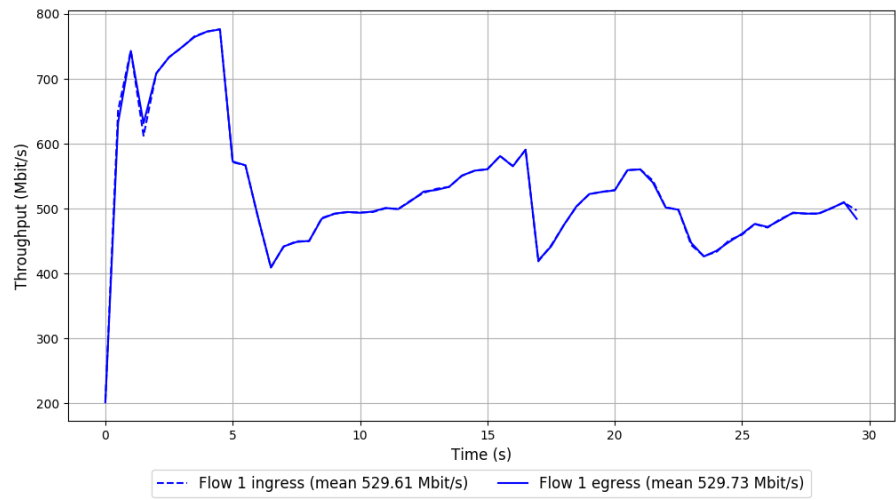


Run 7: Statistics of TCP Cubic

Start at: 2018-03-20 13:31:36
End at: 2018-03-20 13:32:06
Local clock offset: -1.594 ms
Remote clock offset: -6.229 ms

Below is generated by plot.py at 2018-03-20 20:25:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 529.73 Mbit/s
95th percentile per-packet one-way delay: 5.293 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 529.73 Mbit/s
95th percentile per-packet one-way delay: 5.293 ms
Loss rate: 0.04%

Run 7: Report of TCP Cubic — Data Link

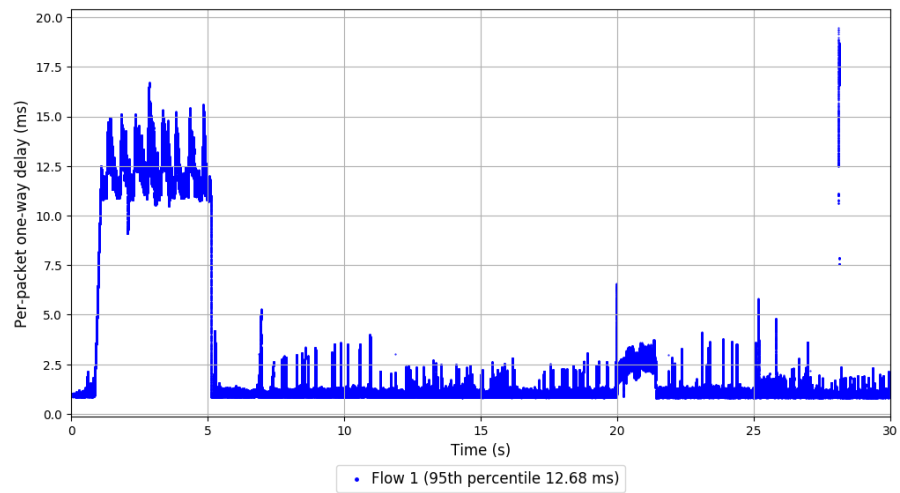
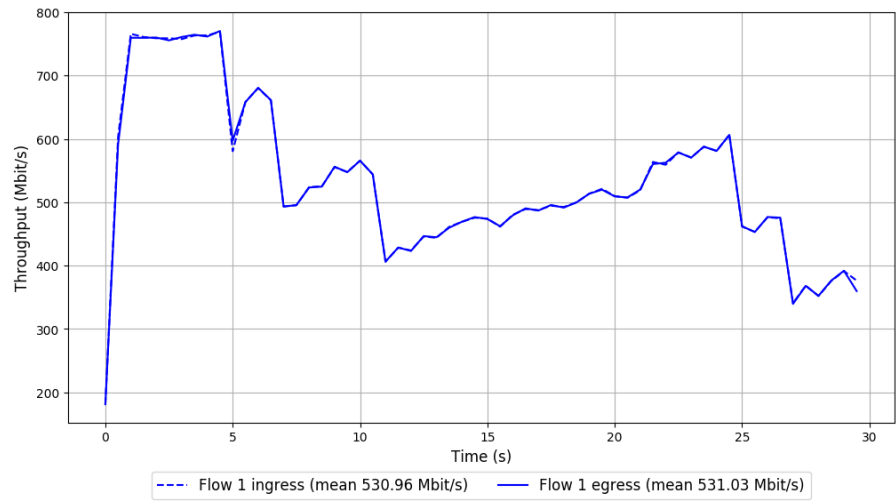


Run 8: Statistics of TCP Cubic

Start at: 2018-03-20 13:59:02
End at: 2018-03-20 13:59:32
Local clock offset: 3.053 ms
Remote clock offset: -5.543 ms

Below is generated by plot.py at 2018-03-20 20:26:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 531.03 Mbit/s
95th percentile per-packet one-way delay: 12.675 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 531.03 Mbit/s
95th percentile per-packet one-way delay: 12.675 ms
Loss rate: 0.05%

Run 8: Report of TCP Cubic — Data Link

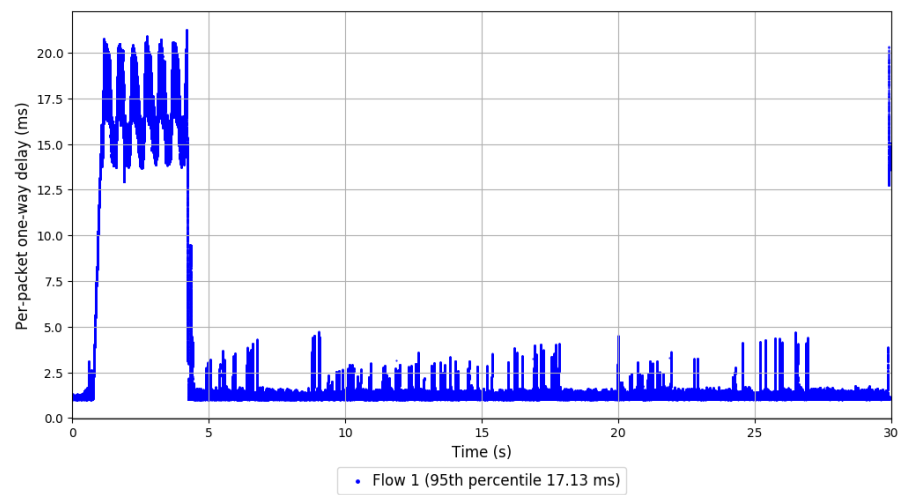
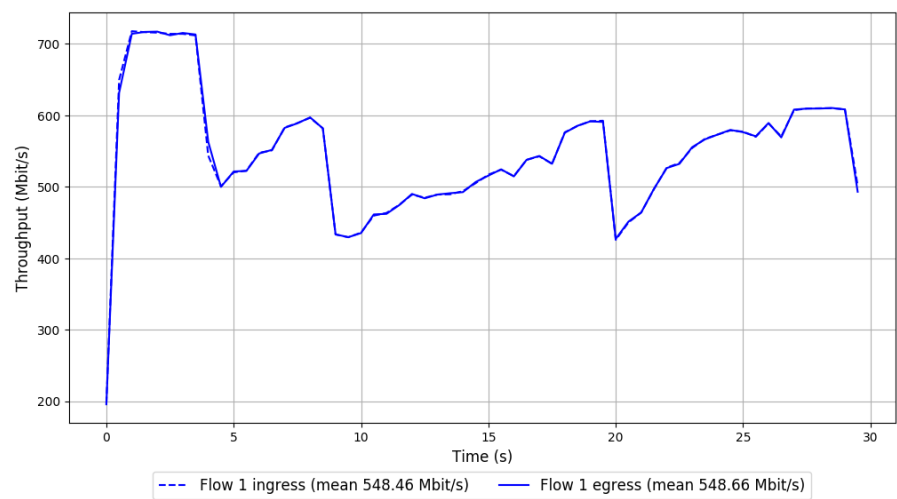


Run 9: Statistics of TCP Cubic

Start at: 2018-03-20 14:26:33
End at: 2018-03-20 14:27:03
Local clock offset: 2.812 ms
Remote clock offset: -5.824 ms

Below is generated by plot.py at 2018-03-20 20:26:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 548.66 Mbit/s
95th percentile per-packet one-way delay: 17.133 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 548.66 Mbit/s
95th percentile per-packet one-way delay: 17.133 ms
Loss rate: 0.03%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2018-03-20 14:53:57

End at: 2018-03-20 14:54:27

Local clock offset: 1.37 ms

Remote clock offset: -5.286 ms

Below is generated by plot.py at 2018-03-20 20:26:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 530.27 Mbit/s

95th percentile per-packet one-way delay: 15.997 ms

Loss rate: 0.05%

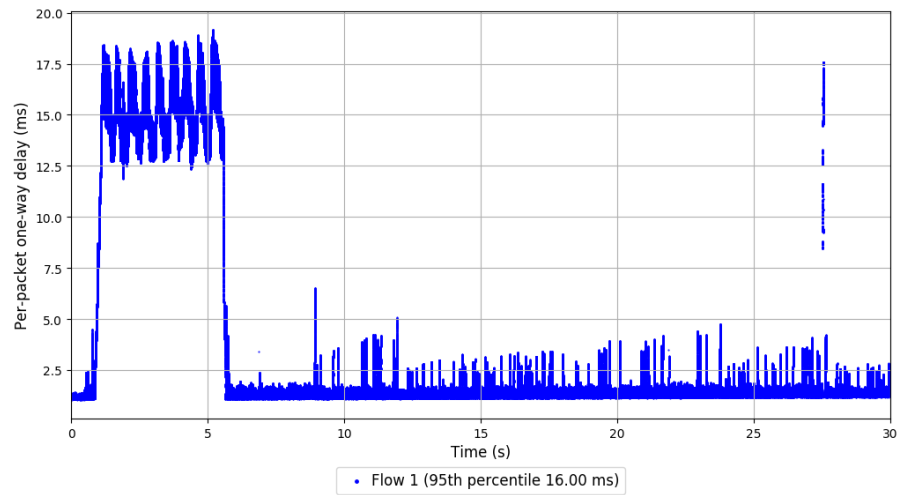
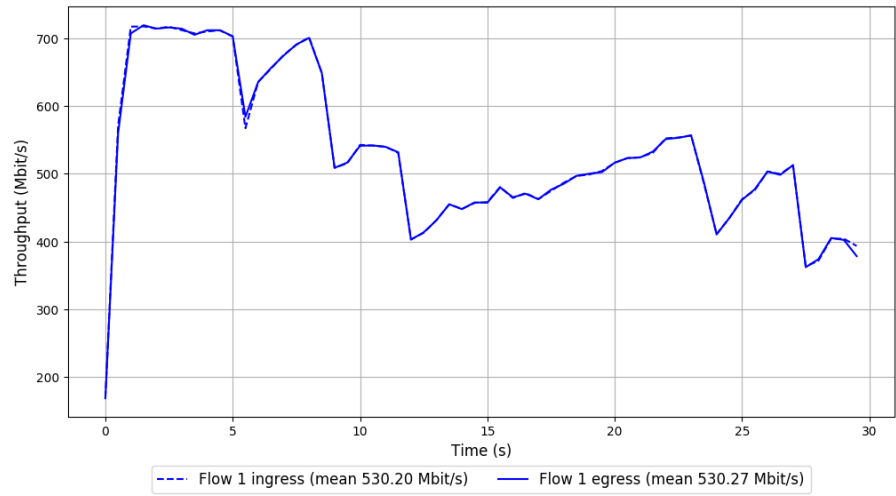
-- Flow 1:

Average throughput: 530.27 Mbit/s

95th percentile per-packet one-way delay: 15.997 ms

Loss rate: 0.05%

Run 10: Report of TCP Cubic — Data Link

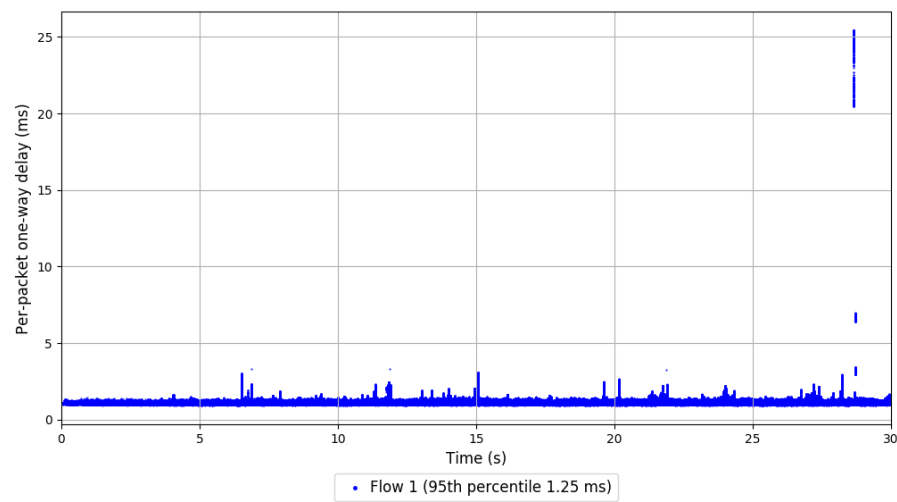
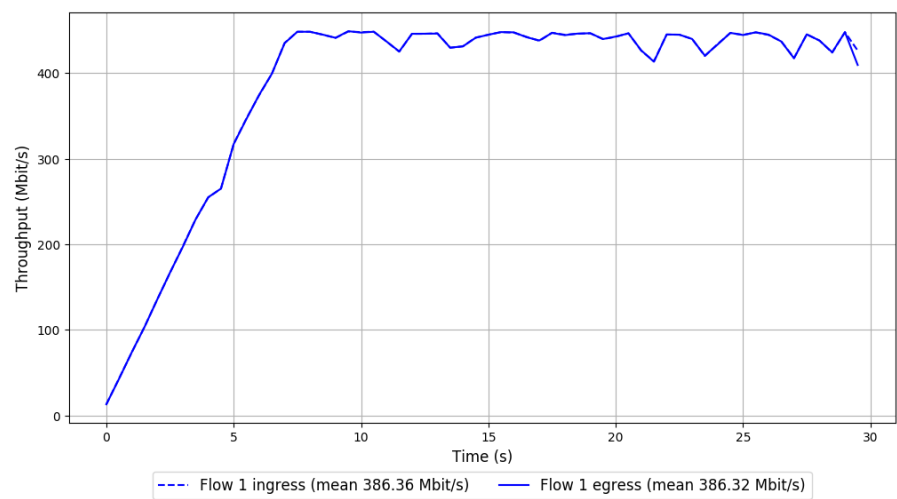


```
Run 1: Statistics of LEDBAT

Start at: 2018-03-20 10:53:16
End at: 2018-03-20 10:53:46
Local clock offset: 0.035 ms
Remote clock offset: -4.239 ms

# Below is generated by plot.py at 2018-03-20 20:26:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 386.32 Mbit/s
95th percentile per-packet one-way delay: 1.255 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 386.32 Mbit/s
95th percentile per-packet one-way delay: 1.255 ms
Loss rate: 0.08%
```

Run 1: Report of LEDBAT — Data Link

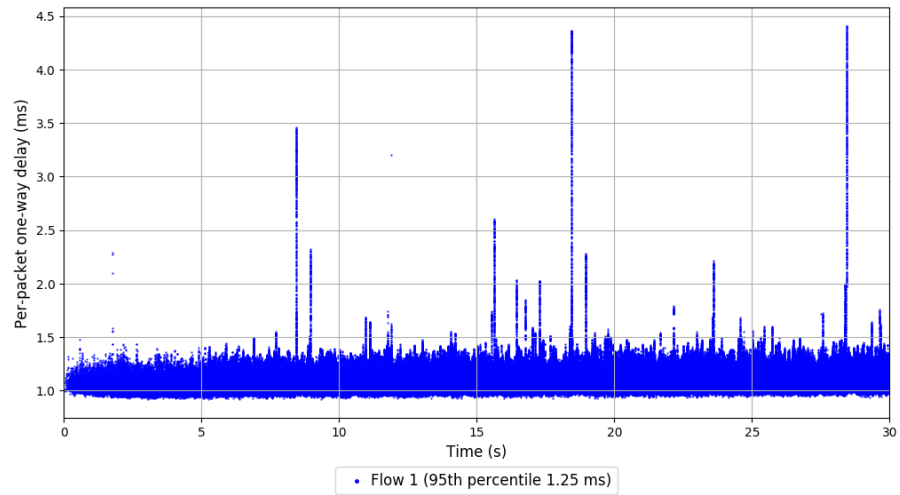
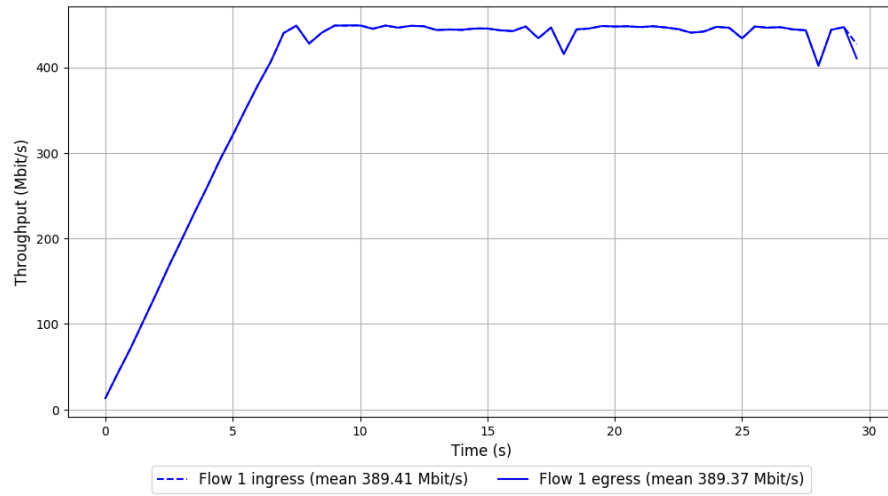


Run 2: Statistics of LEDBAT

Start at: 2018-03-20 11:20:31
End at: 2018-03-20 11:21:02
Local clock offset: -0.932 ms
Remote clock offset: -4.578 ms

Below is generated by plot.py at 2018-03-20 20:26:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 389.37 Mbit/s
95th percentile per-packet one-way delay: 1.252 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 389.37 Mbit/s
95th percentile per-packet one-way delay: 1.252 ms
Loss rate: 0.08%

Run 2: Report of LEDBAT — Data Link

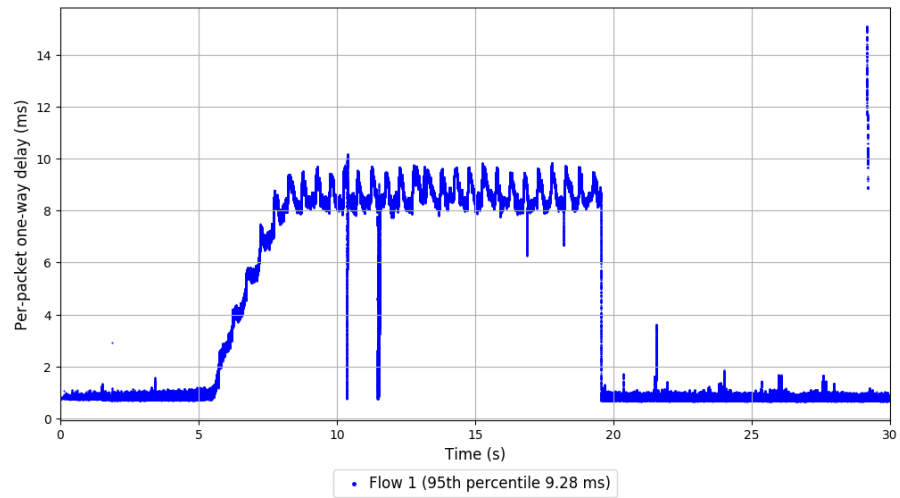
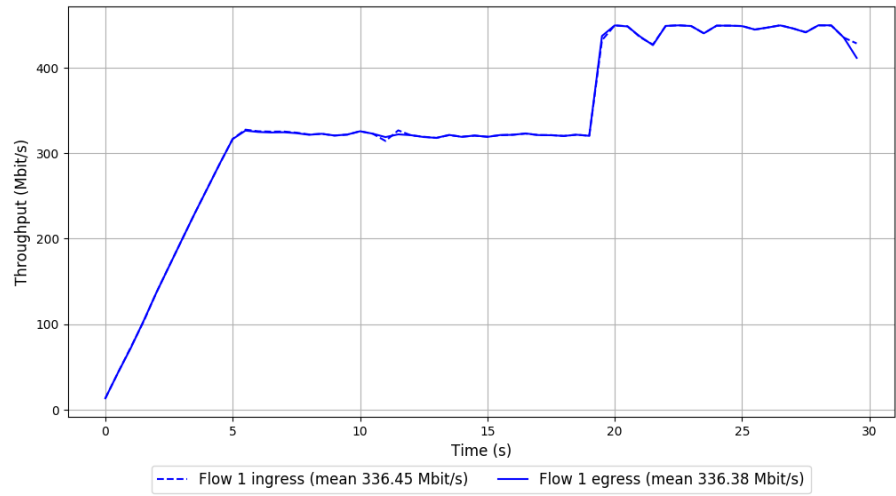


Run 3: Statistics of LEDBAT

Start at: 2018-03-20 11:47:48
End at: 2018-03-20 11:48:18
Local clock offset: 5.337 ms
Remote clock offset: -4.551 ms

Below is generated by plot.py at 2018-03-20 20:26:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 336.38 Mbit/s
95th percentile per-packet one-way delay: 9.279 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 336.38 Mbit/s
95th percentile per-packet one-way delay: 9.279 ms
Loss rate: 0.09%

Run 3: Report of LEDBAT — Data Link

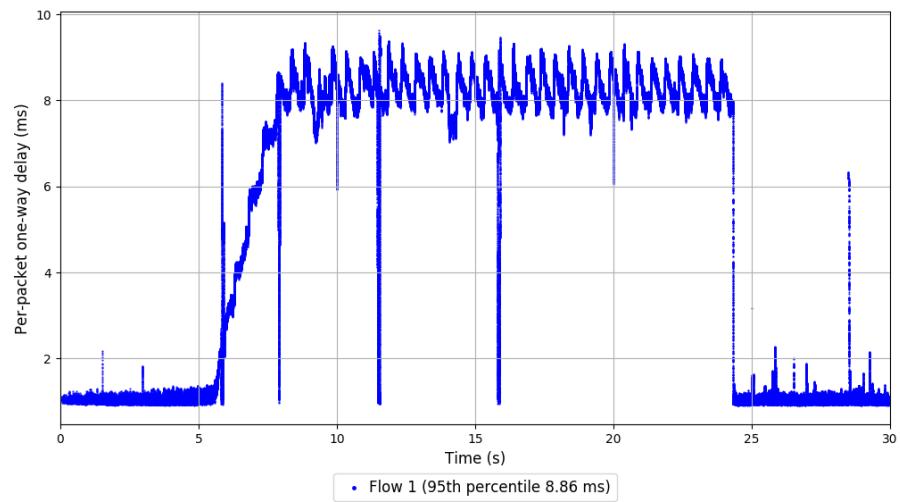
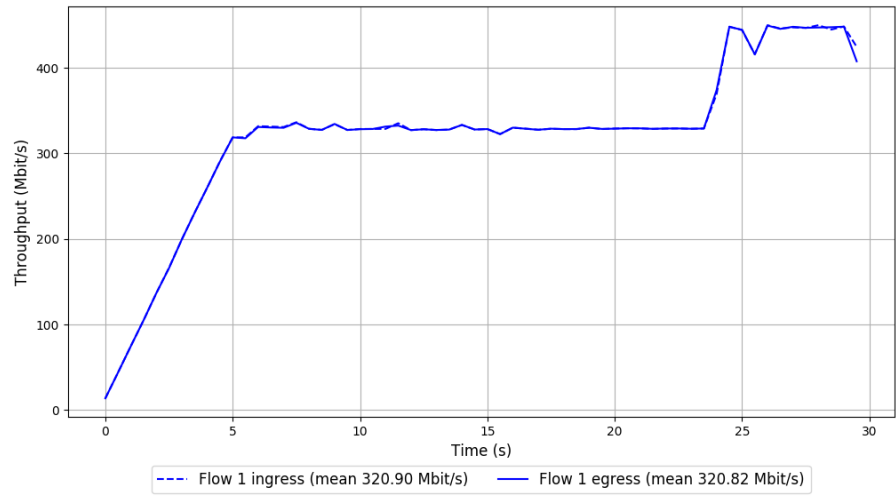


Run 4: Statistics of LEDBAT

Start at: 2018-03-20 12:15:03
End at: 2018-03-20 12:15:33
Local clock offset: 4.893 ms
Remote clock offset: -4.882 ms

Below is generated by plot.py at 2018-03-20 20:26:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 320.82 Mbit/s
95th percentile per-packet one-way delay: 8.855 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 320.82 Mbit/s
95th percentile per-packet one-way delay: 8.855 ms
Loss rate: 0.09%

Run 4: Report of LEDBAT — Data Link

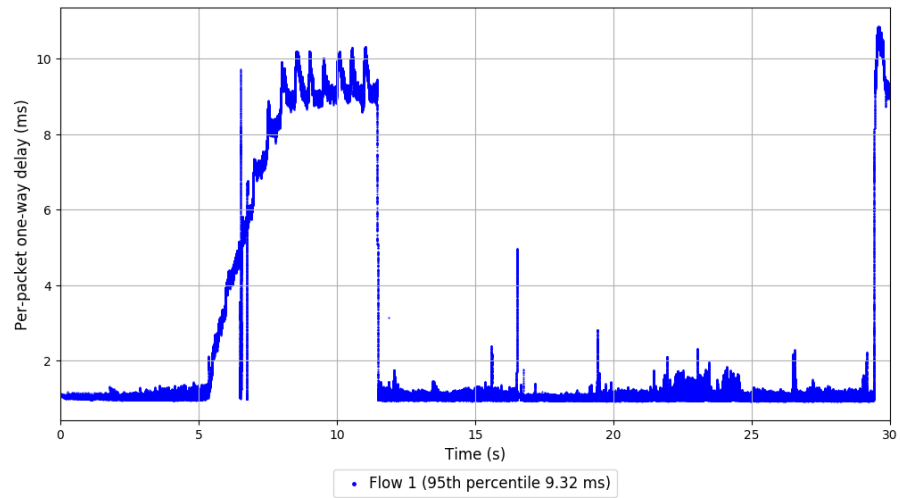
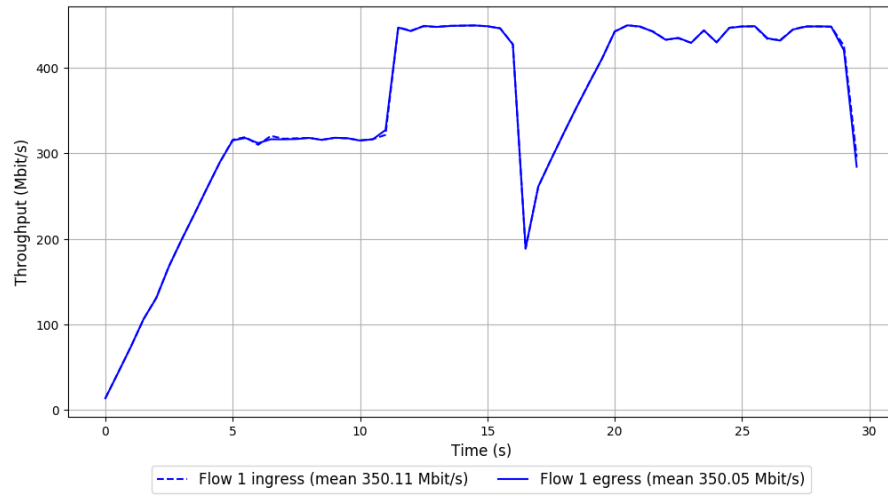


Run 5: Statistics of LEDBAT

Start at: 2018-03-20 12:42:32
End at: 2018-03-20 12:43:02
Local clock offset: 5.142 ms
Remote clock offset: -5.735 ms

Below is generated by plot.py at 2018-03-20 20:29:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 350.05 Mbit/s
95th percentile per-packet one-way delay: 9.316 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 350.05 Mbit/s
95th percentile per-packet one-way delay: 9.316 ms
Loss rate: 0.08%

Run 5: Report of LEDBAT — Data Link

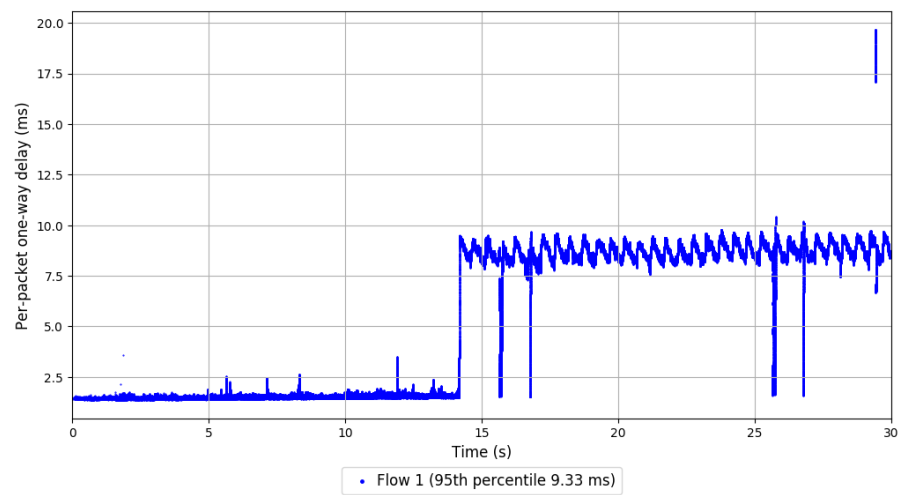
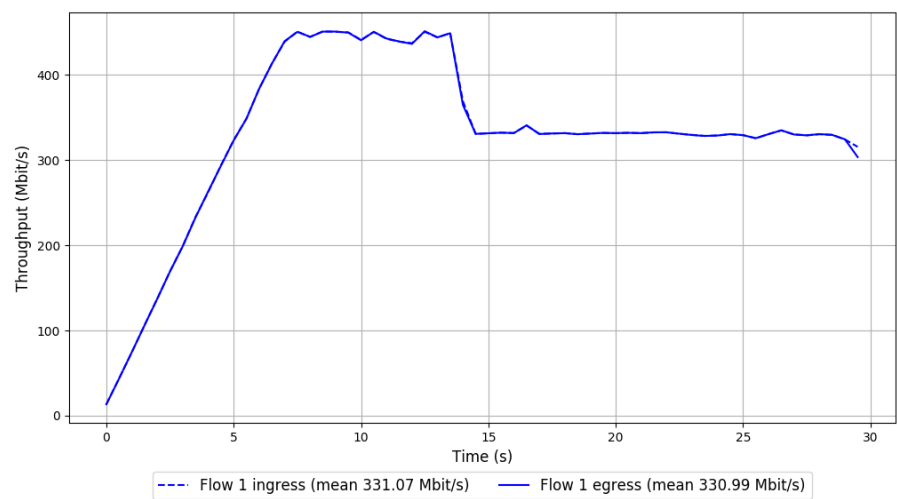


Run 6: Statistics of LEDBAT

Start at: 2018-03-20 13:10:02
End at: 2018-03-20 13:10:32
Local clock offset: 3.991 ms
Remote clock offset: -6.313 ms

Below is generated by plot.py at 2018-03-20 20:29:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 330.99 Mbit/s
95th percentile per-packet one-way delay: 9.334 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 330.99 Mbit/s
95th percentile per-packet one-way delay: 9.334 ms
Loss rate: 0.09%

Run 6: Report of LEDBAT — Data Link

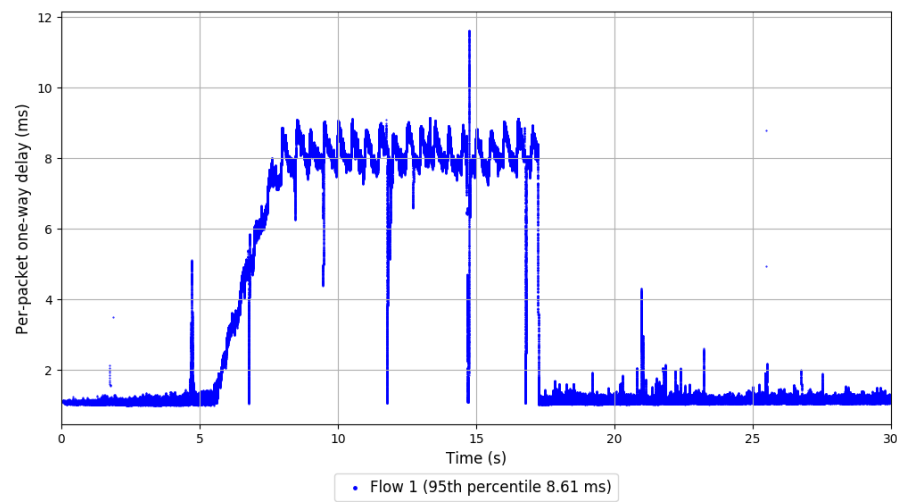
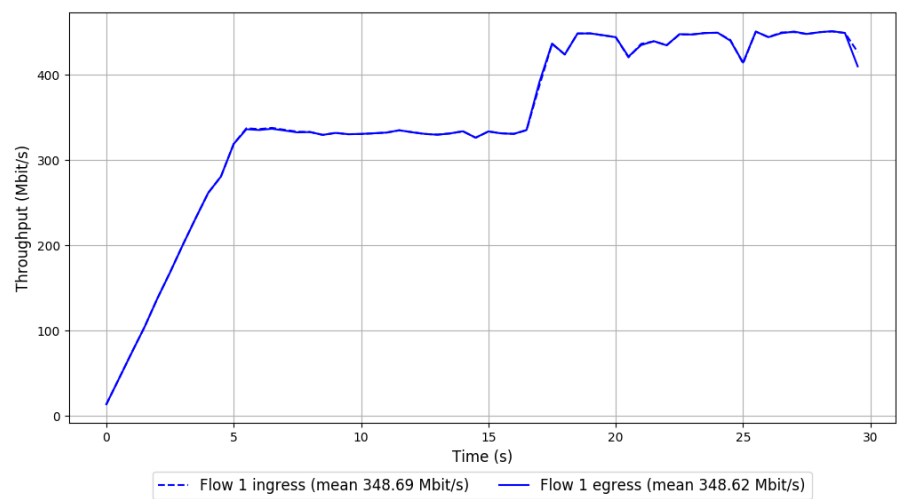


Run 7: Statistics of LEDBAT

Start at: 2018-03-20 13:37:33
End at: 2018-03-20 13:38:03
Local clock offset: -2.407 ms
Remote clock offset: -6.331 ms

Below is generated by plot.py at 2018-03-20 20:29:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 348.62 Mbit/s
95th percentile per-packet one-way delay: 8.607 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 348.62 Mbit/s
95th percentile per-packet one-way delay: 8.607 ms
Loss rate: 0.08%

Run 7: Report of LEDBAT — Data Link

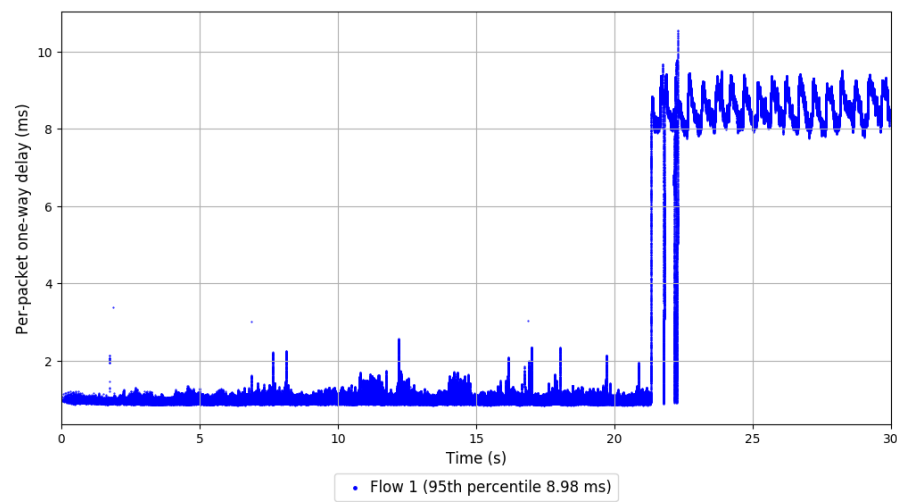
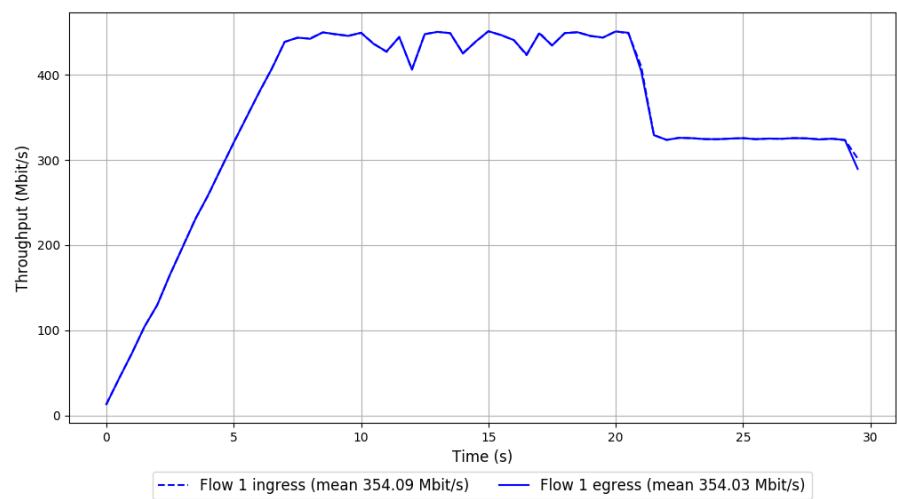


Run 8: Statistics of LEDBAT

Start at: 2018-03-20 14:04:55
End at: 2018-03-20 14:05:25
Local clock offset: 3.51 ms
Remote clock offset: -5.506 ms

Below is generated by plot.py at 2018-03-20 20:30:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 354.03 Mbit/s
95th percentile per-packet one-way delay: 8.985 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 354.03 Mbit/s
95th percentile per-packet one-way delay: 8.985 ms
Loss rate: 0.08%

Run 8: Report of LEDBAT — Data Link

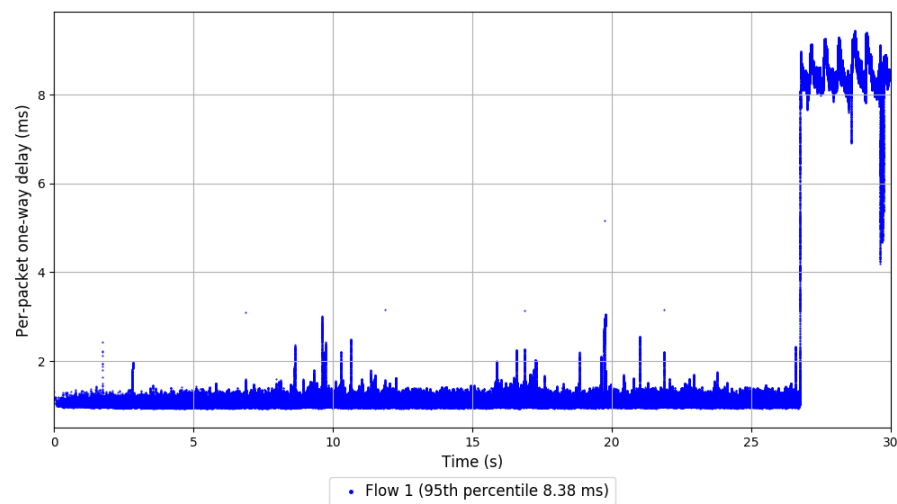
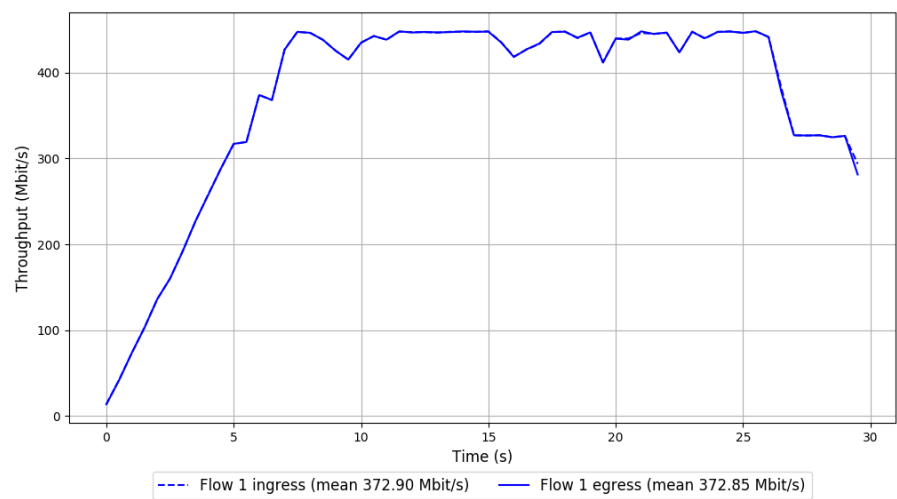


Run 9: Statistics of LEDBAT

Start at: 2018-03-20 14:32:27
End at: 2018-03-20 14:32:57
Local clock offset: 2.461 ms
Remote clock offset: -6.026 ms

Below is generated by plot.py at 2018-03-20 20:30:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 372.85 Mbit/s
95th percentile per-packet one-way delay: 8.380 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 372.85 Mbit/s
95th percentile per-packet one-way delay: 8.380 ms
Loss rate: 0.08%

Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: 2018-03-20 14:59:52

End at: 2018-03-20 15:00:22

Local clock offset: 0.817 ms

Remote clock offset: -4.658 ms

Below is generated by plot.py at 2018-03-20 20:31:25

Datalink statistics

-- Total of 1 flow:

Average throughput: 385.80 Mbit/s

95th percentile per-packet one-way delay: 1.385 ms

Loss rate: 0.07%

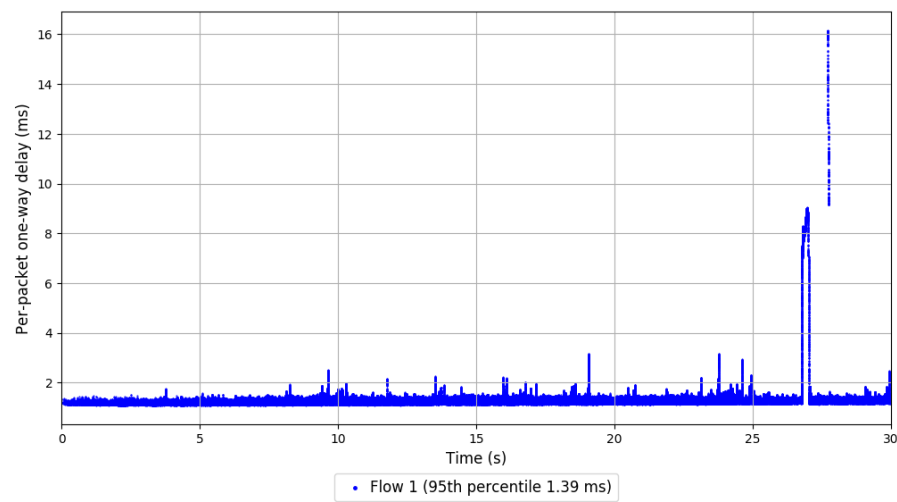
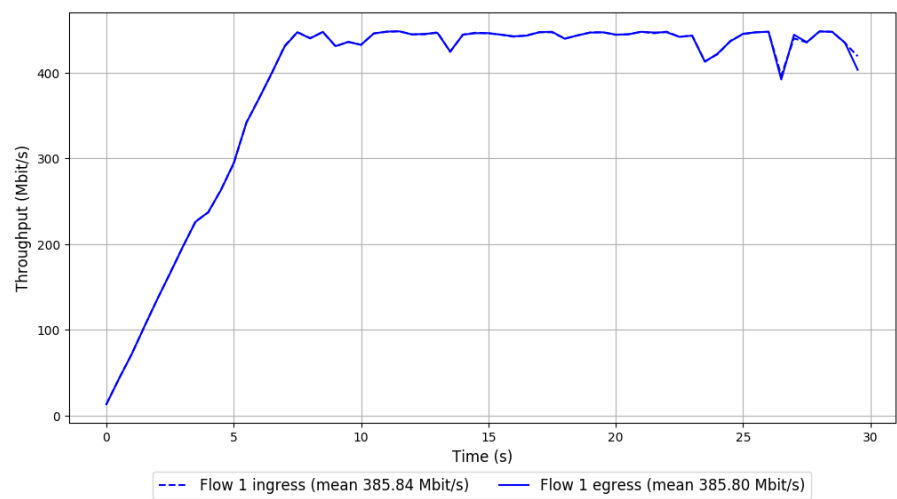
-- Flow 1:

Average throughput: 385.80 Mbit/s

95th percentile per-packet one-way delay: 1.385 ms

Loss rate: 0.07%

Run 10: Report of LEDBAT — Data Link

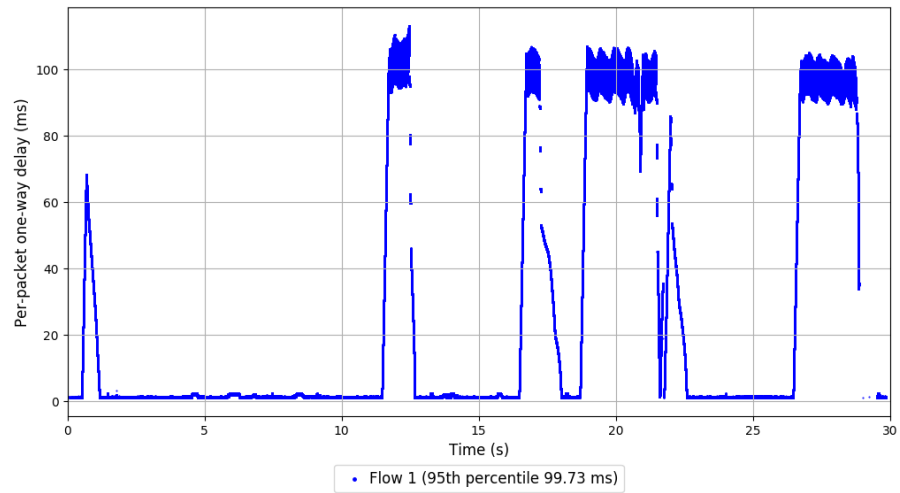
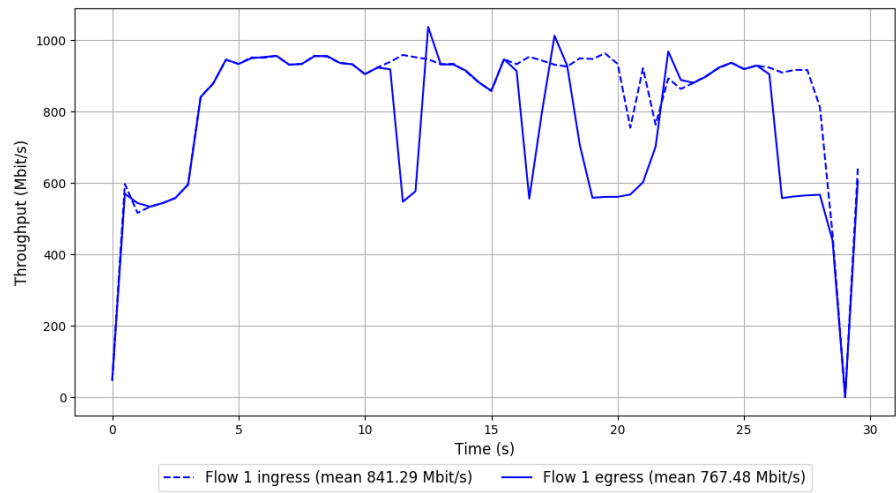


Run 1: Statistics of PCC

Start at: 2018-03-20 11:00:46
End at: 2018-03-20 11:01:16
Local clock offset: -0.251 ms
Remote clock offset: -4.639 ms

Below is generated by plot.py at 2018-03-20 20:36:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 767.48 Mbit/s
95th percentile per-packet one-way delay: 99.732 ms
Loss rate: 8.83%
-- Flow 1:
Average throughput: 767.48 Mbit/s
95th percentile per-packet one-way delay: 99.732 ms
Loss rate: 8.83%

Run 1: Report of PCC — Data Link

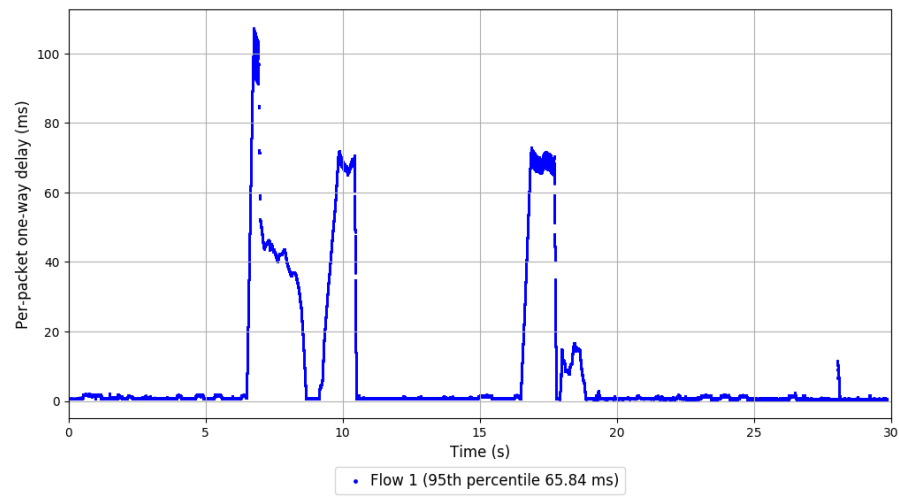
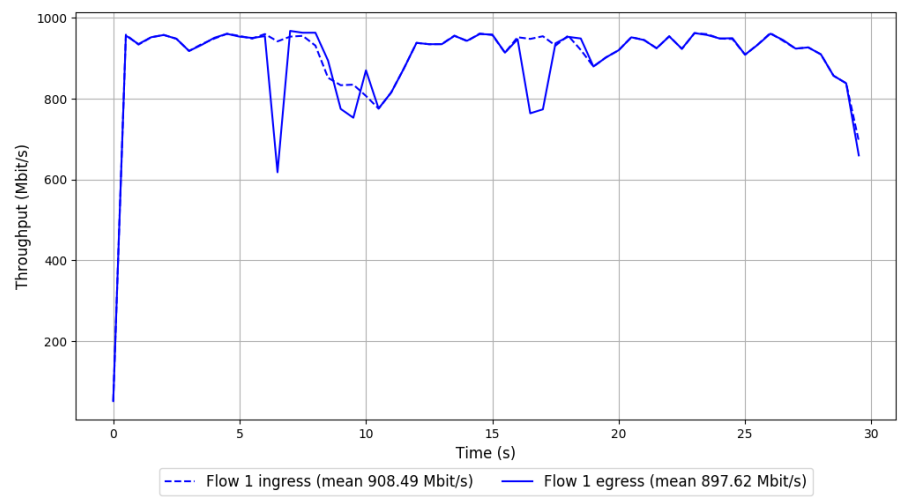


Run 2: Statistics of PCC

Start at: 2018-03-20 11:28:00
End at: 2018-03-20 11:28:30
Local clock offset: 0.893 ms
Remote clock offset: -4.542 ms

Below is generated by plot.py at 2018-03-20 20:37:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 897.62 Mbit/s
95th percentile per-packet one-way delay: 65.842 ms
Loss rate: 1.26%
-- Flow 1:
Average throughput: 897.62 Mbit/s
95th percentile per-packet one-way delay: 65.842 ms
Loss rate: 1.26%

Run 2: Report of PCC — Data Link

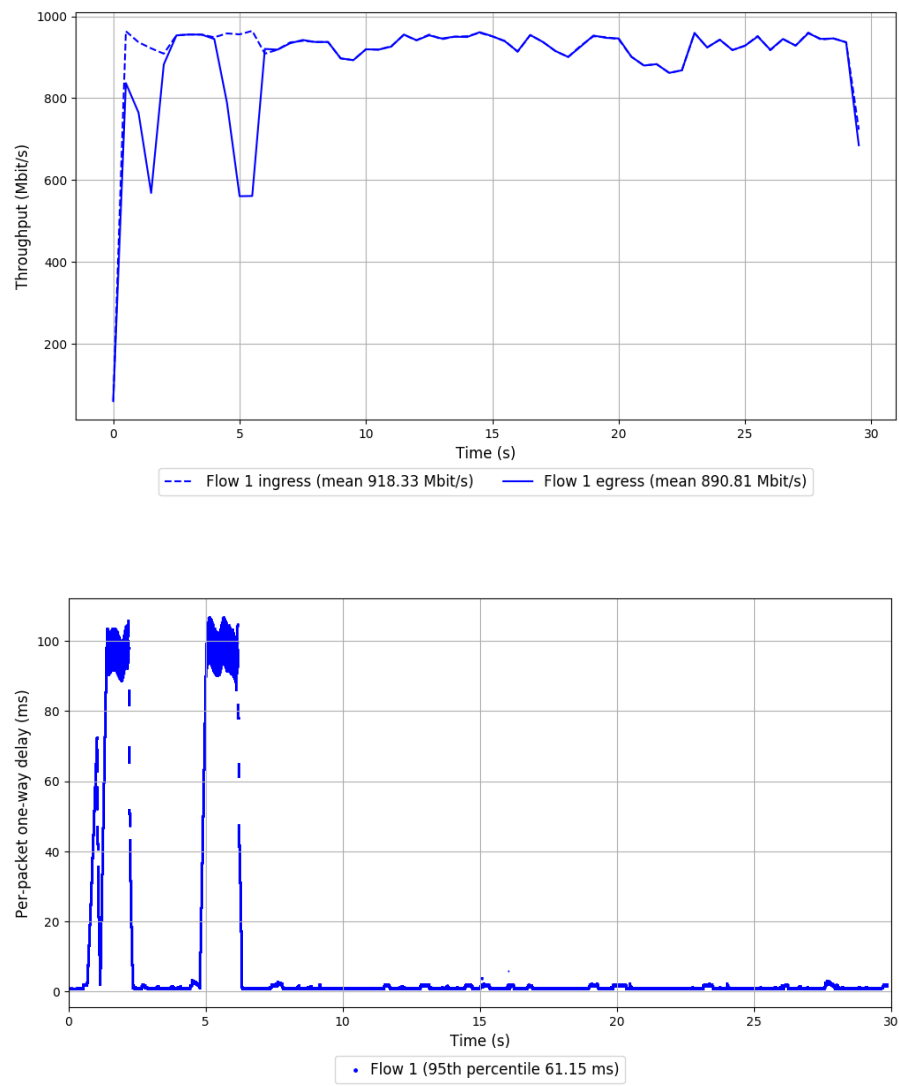


Run 3: Statistics of PCC

Start at: 2018-03-20 11:55:13
End at: 2018-03-20 11:55:43
Local clock offset: 5.982 ms
Remote clock offset: -4.581 ms

Below is generated by plot.py at 2018-03-20 20:42:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 890.81 Mbit/s
95th percentile per-packet one-way delay: 61.146 ms
Loss rate: 3.06%
-- Flow 1:
Average throughput: 890.81 Mbit/s
95th percentile per-packet one-way delay: 61.146 ms
Loss rate: 3.06%

Run 3: Report of PCC — Data Link

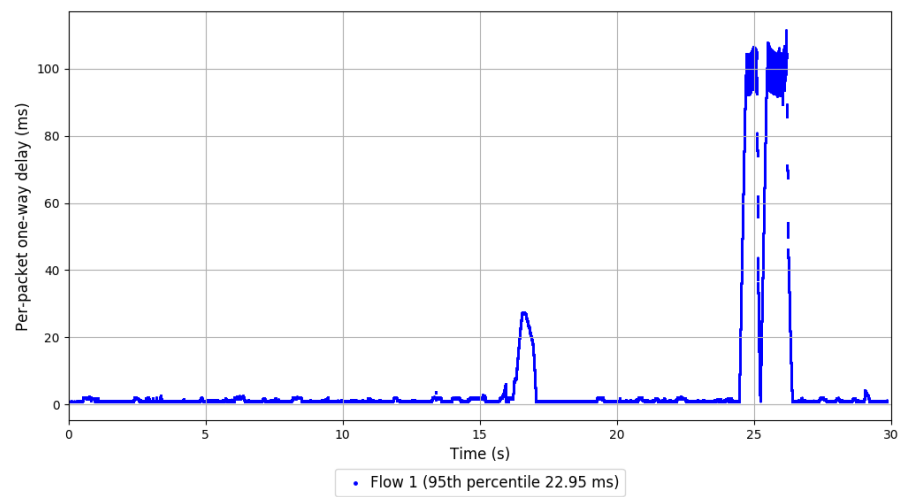
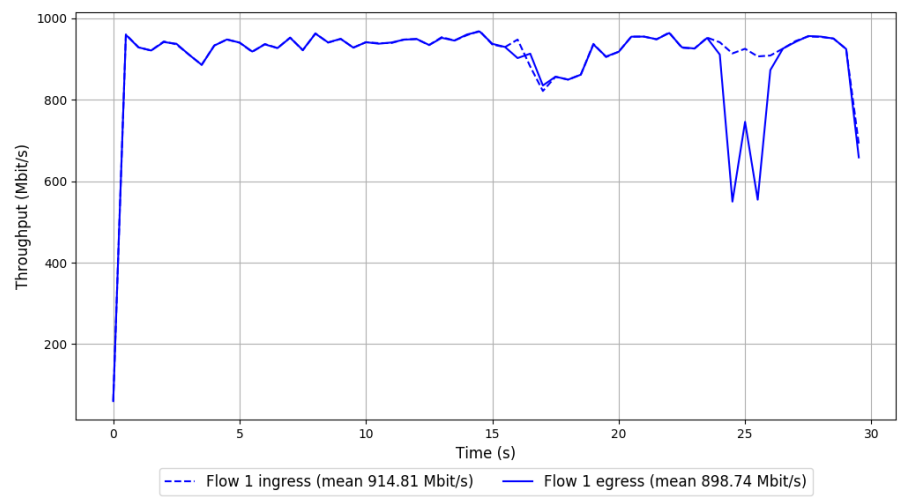


Run 4: Statistics of PCC

Start at: 2018-03-20 12:22:33
End at: 2018-03-20 12:23:03
Local clock offset: 4.911 ms
Remote clock offset: -4.906 ms

Below is generated by plot.py at 2018-03-20 20:42:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 898.74 Mbit/s
95th percentile per-packet one-way delay: 22.949 ms
Loss rate: 1.82%
-- Flow 1:
Average throughput: 898.74 Mbit/s
95th percentile per-packet one-way delay: 22.949 ms
Loss rate: 1.82%

Run 4: Report of PCC — Data Link

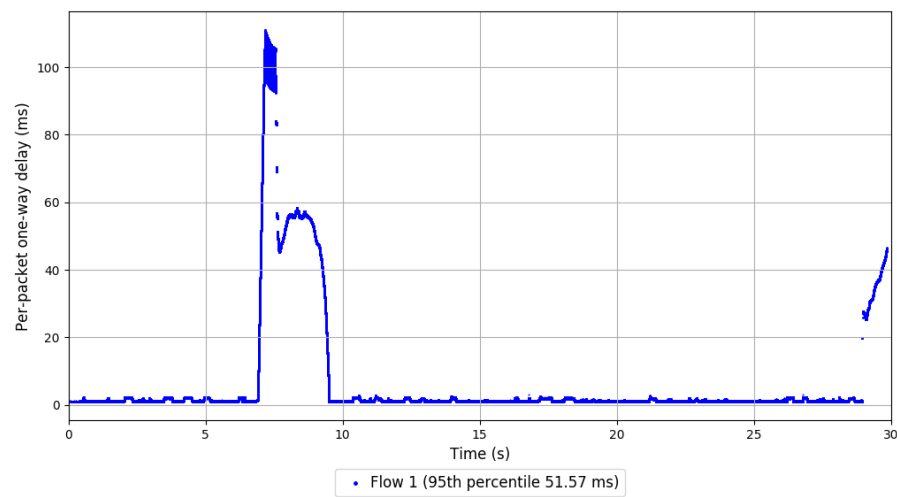
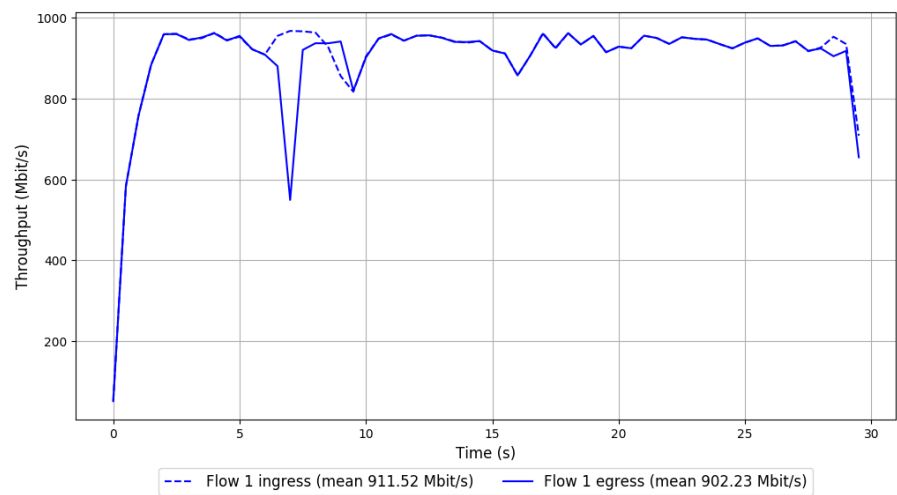


Run 5: Statistics of PCC

Start at: 2018-03-20 12:50:02
End at: 2018-03-20 12:50:32
Local clock offset: 5.261 ms
Remote clock offset: -5.998 ms

Below is generated by plot.py at 2018-03-20 20:43:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 902.23 Mbit/s
95th percentile per-packet one-way delay: 51.568 ms
Loss rate: 1.09%
-- Flow 1:
Average throughput: 902.23 Mbit/s
95th percentile per-packet one-way delay: 51.568 ms
Loss rate: 1.09%

Run 5: Report of PCC — Data Link

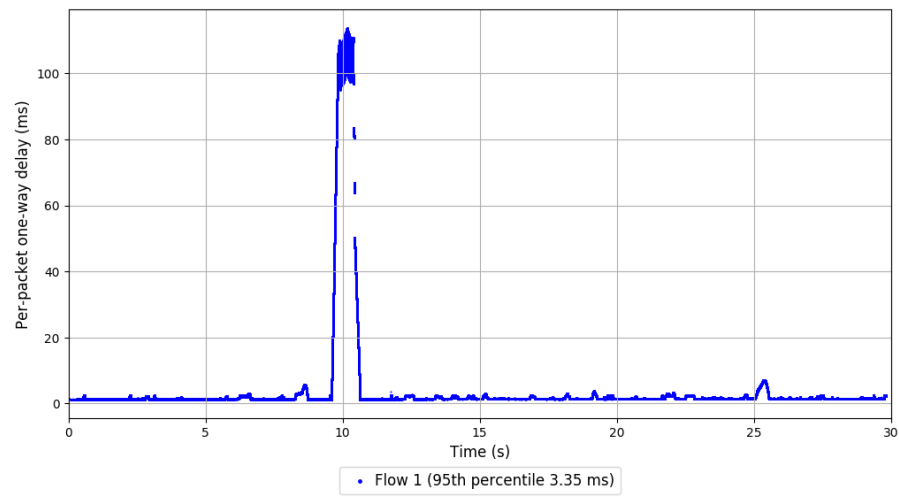
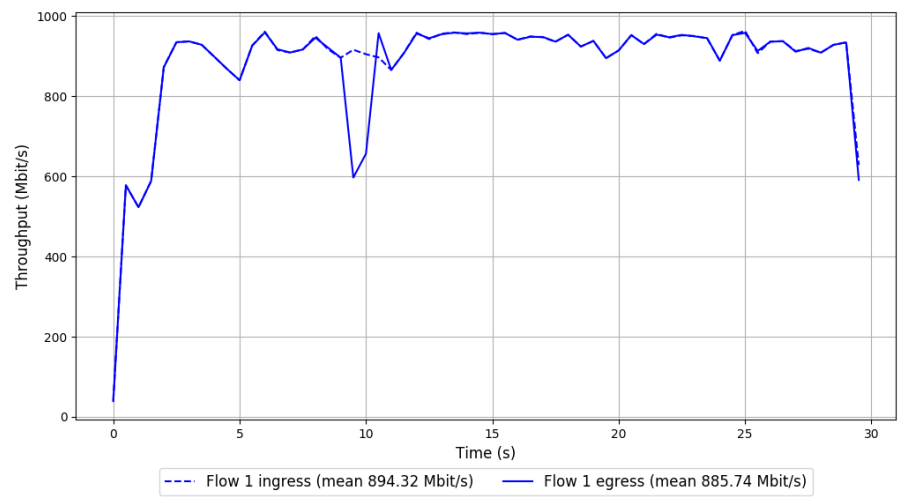


Run 6: Statistics of PCC

Start at: 2018-03-20 13:17:28
End at: 2018-03-20 13:17:58
Local clock offset: 1.051 ms
Remote clock offset: -6.218 ms

Below is generated by plot.py at 2018-03-20 20:43:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 885.74 Mbit/s
95th percentile per-packet one-way delay: 3.345 ms
Loss rate: 1.03%
-- Flow 1:
Average throughput: 885.74 Mbit/s
95th percentile per-packet one-way delay: 3.345 ms
Loss rate: 1.03%

Run 6: Report of PCC — Data Link

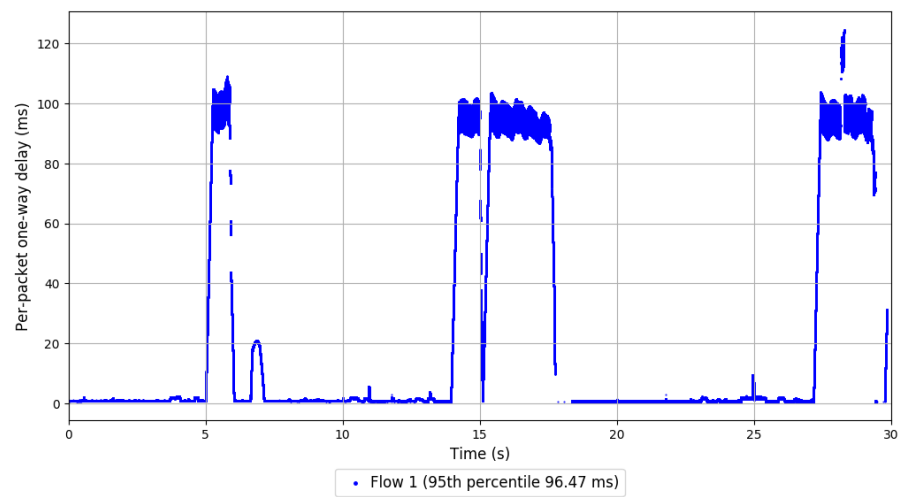
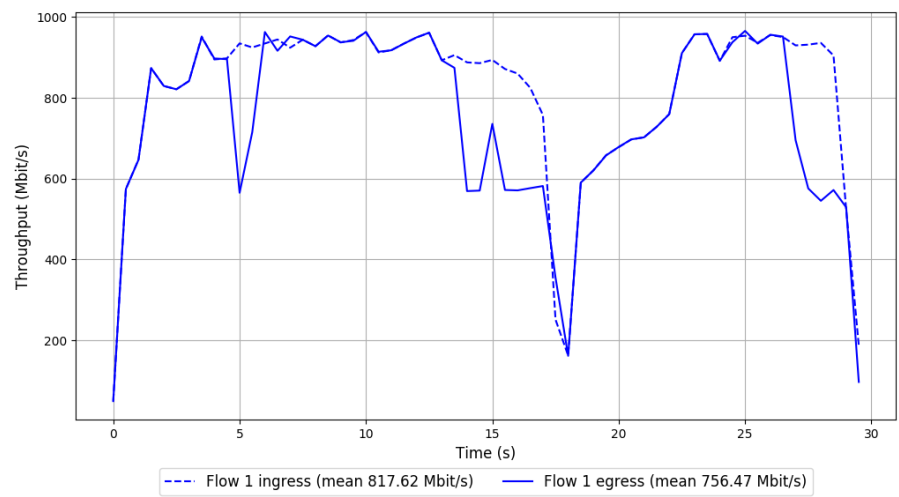


Run 7: Statistics of PCC

Start at: 2018-03-20 13:45:03
End at: 2018-03-20 13:45:33
Local clock offset: -0.498 ms
Remote clock offset: -6.037 ms

Below is generated by plot.py at 2018-03-20 20:43:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 756.47 Mbit/s
95th percentile per-packet one-way delay: 96.465 ms
Loss rate: 7.54%
-- Flow 1:
Average throughput: 756.47 Mbit/s
95th percentile per-packet one-way delay: 96.465 ms
Loss rate: 7.54%

Run 7: Report of PCC — Data Link

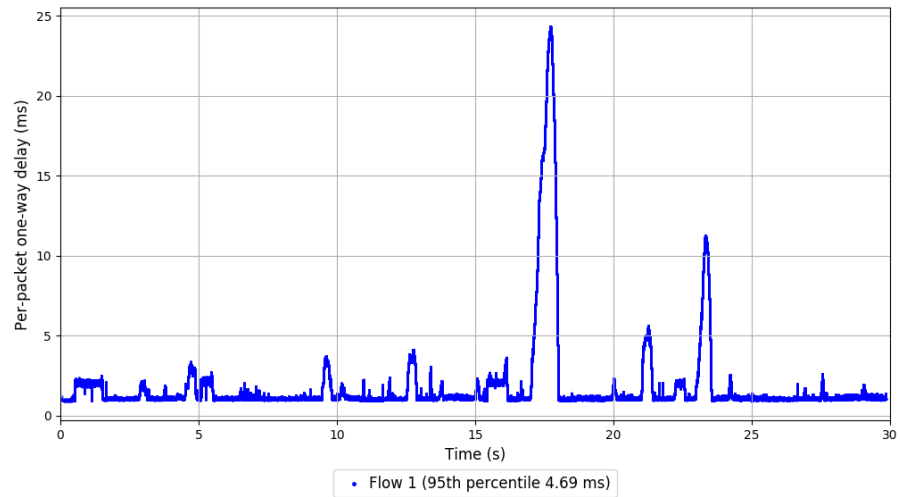
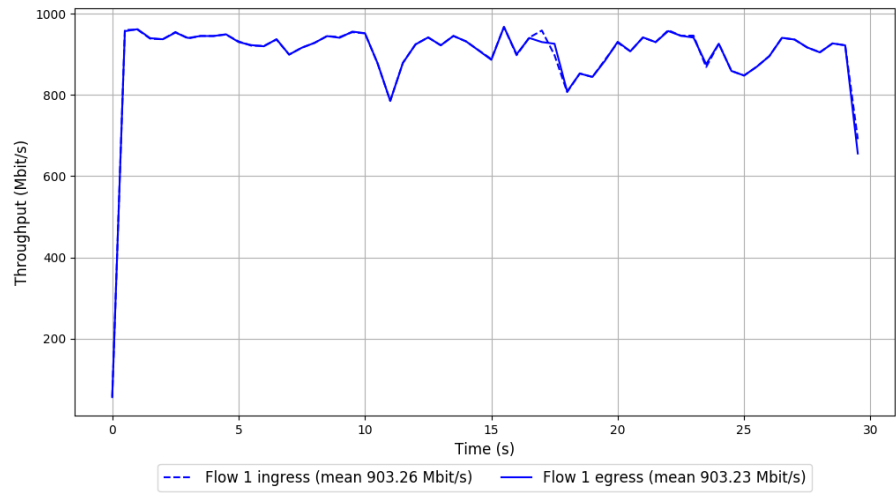


Run 8: Statistics of PCC

Start at: 2018-03-20 14:12:22
End at: 2018-03-20 14:12:52
Local clock offset: 3.756 ms
Remote clock offset: -5.492 ms

Below is generated by plot.py at 2018-03-20 20:44:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 903.23 Mbit/s
95th percentile per-packet one-way delay: 4.694 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 903.23 Mbit/s
95th percentile per-packet one-way delay: 4.694 ms
Loss rate: 0.07%

Run 8: Report of PCC — Data Link

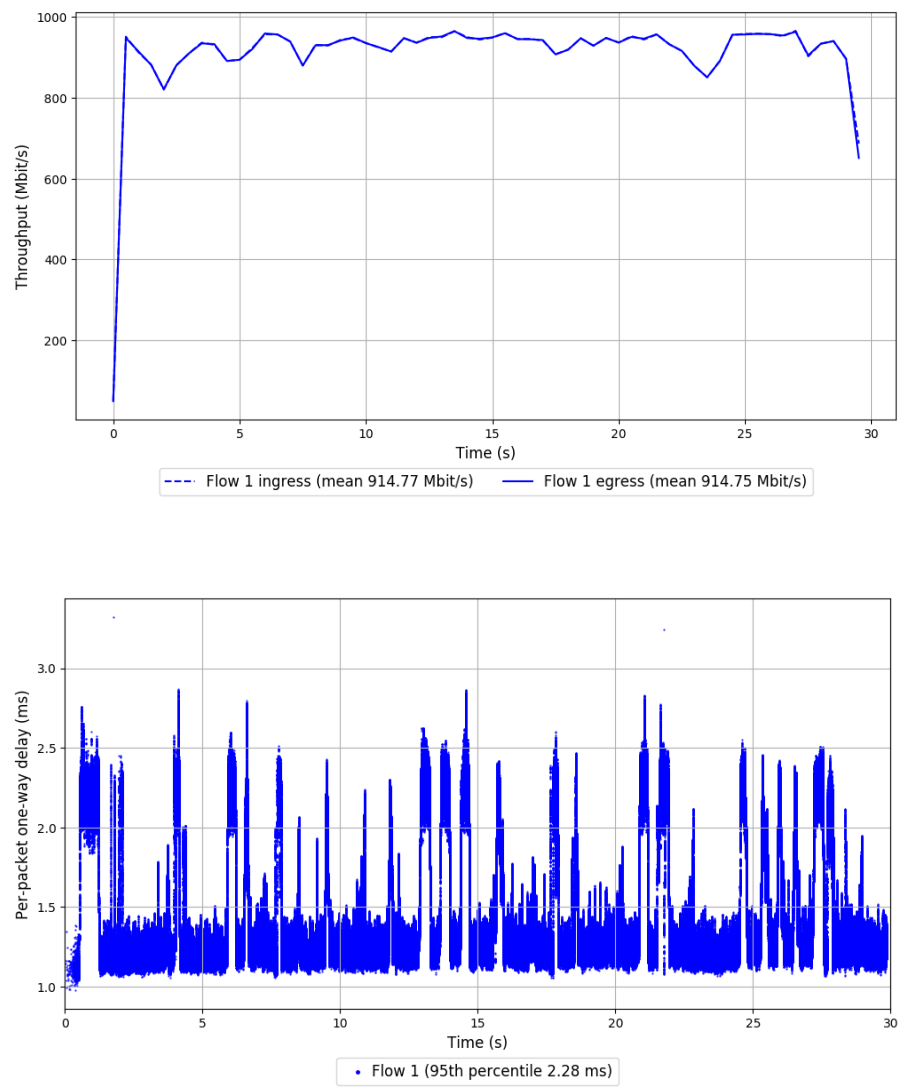


Run 9: Statistics of PCC

Start at: 2018-03-20 14:39:49
End at: 2018-03-20 14:40:19
Local clock offset: 2.305 ms
Remote clock offset: -6.138 ms

Below is generated by plot.py at 2018-03-20 20:50:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 914.75 Mbit/s
95th percentile per-packet one-way delay: 2.283 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 914.75 Mbit/s
95th percentile per-packet one-way delay: 2.283 ms
Loss rate: 0.07%

Run 9: Report of PCC — Data Link

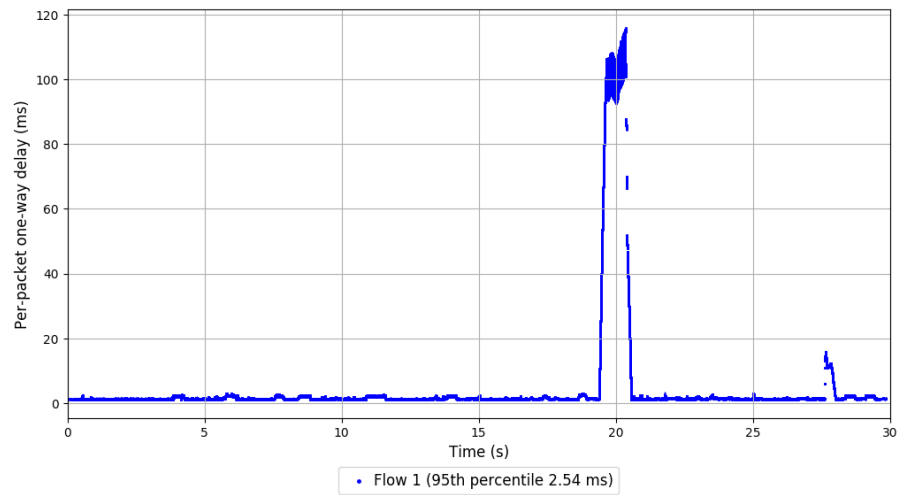
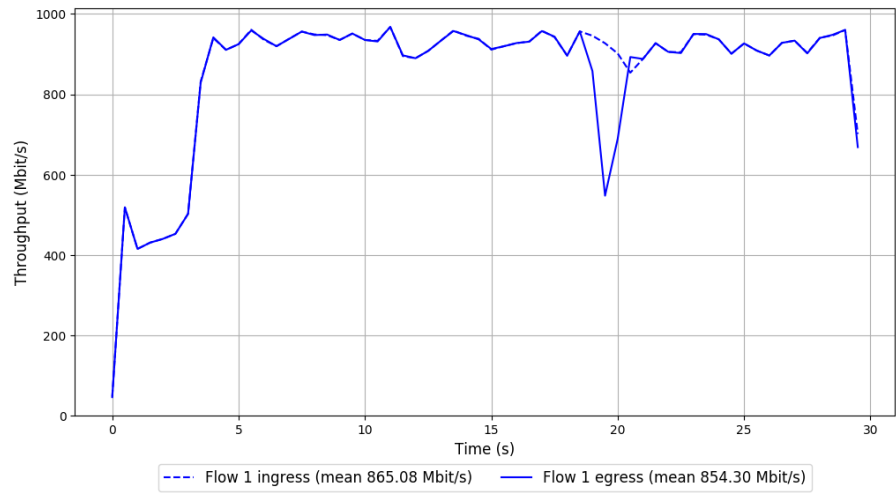


Run 10: Statistics of PCC

Start at: 2018-03-20 15:07:25
End at: 2018-03-20 15:07:55
Local clock offset: 0.361 ms
Remote clock offset: -4.184 ms

Below is generated by plot.py at 2018-03-20 20:52:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 854.30 Mbit/s
95th percentile per-packet one-way delay: 2.535 ms
Loss rate: 1.31%
-- Flow 1:
Average throughput: 854.30 Mbit/s
95th percentile per-packet one-way delay: 2.535 ms
Loss rate: 1.31%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2018-03-20 10:59:25

End at: 2018-03-20 10:59:55

Local clock offset: -0.208 ms

Remote clock offset: -4.59 ms

Below is generated by plot.py at 2018-03-20 20:52:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.85 Mbit/s

95th percentile per-packet one-way delay: 1.140 ms

Loss rate: 0.08%

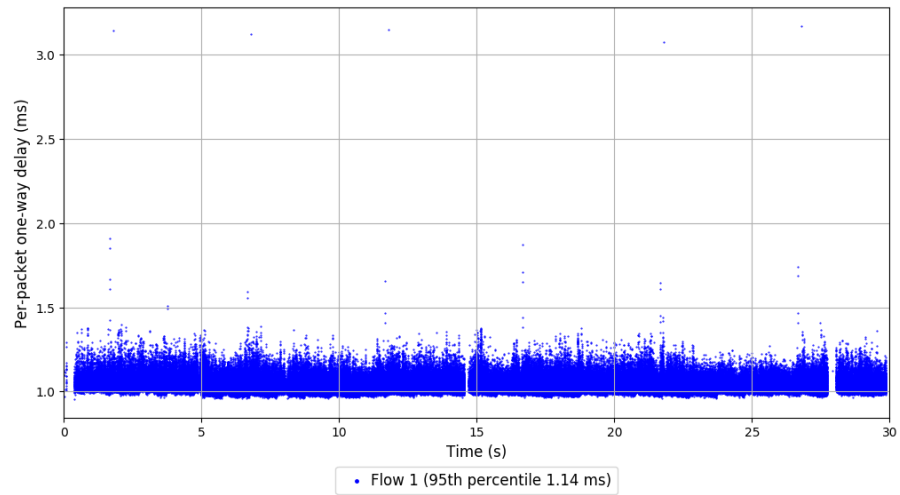
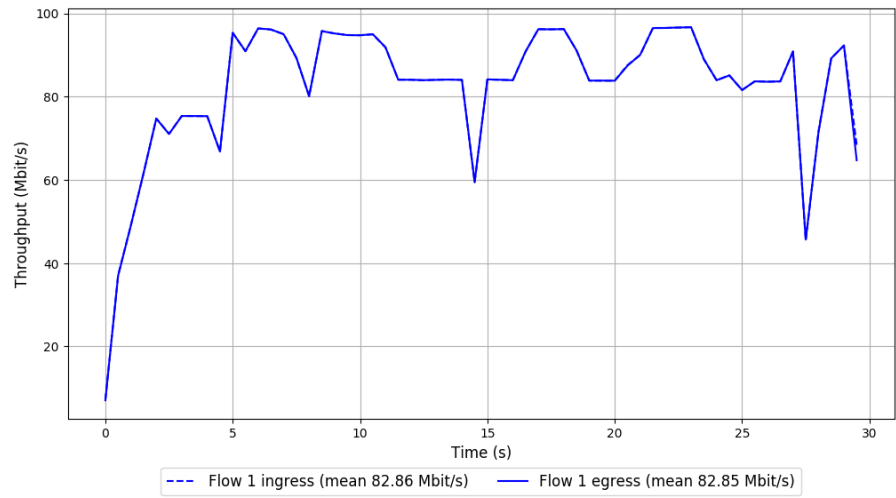
-- Flow 1:

Average throughput: 82.85 Mbit/s

95th percentile per-packet one-way delay: 1.140 ms

Loss rate: 0.08%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2018-03-20 11:26:39

End at: 2018-03-20 11:27:09

Local clock offset: 0.089 ms

Remote clock offset: -4.605 ms

Below is generated by plot.py at 2018-03-20 20:52:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.39 Mbit/s

95th percentile per-packet one-way delay: 0.728 ms

Loss rate: 0.07%

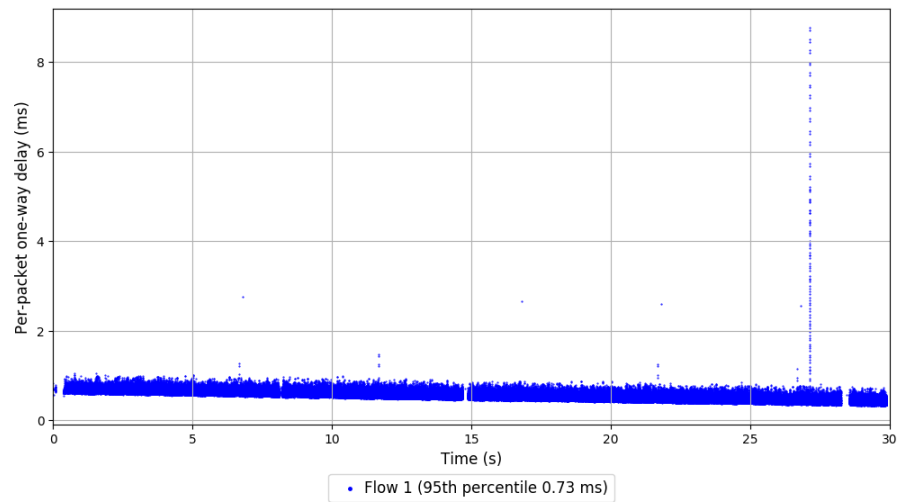
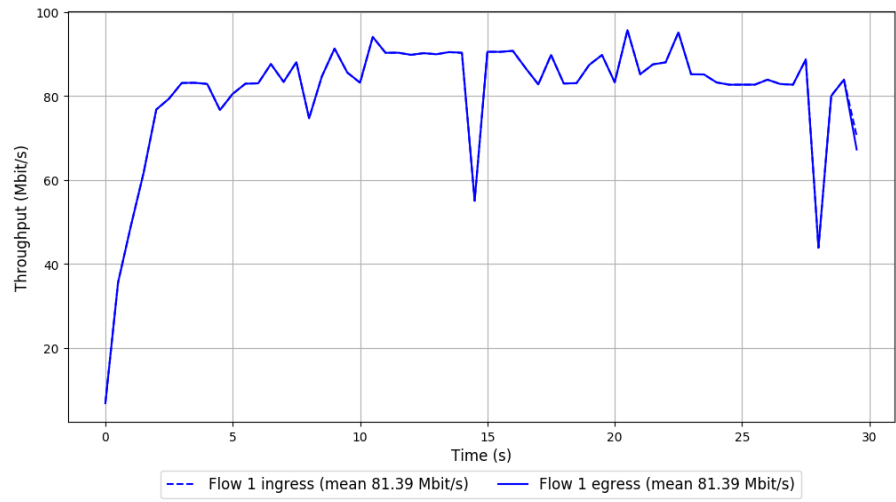
-- Flow 1:

Average throughput: 81.39 Mbit/s

95th percentile per-packet one-way delay: 0.728 ms

Loss rate: 0.07%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2018-03-20 11:53:52

End at: 2018-03-20 11:54:22

Local clock offset: 5.875 ms

Remote clock offset: -4.626 ms

Below is generated by plot.py at 2018-03-20 20:52:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.03 Mbit/s

95th percentile per-packet one-way delay: 0.981 ms

Loss rate: 0.08%

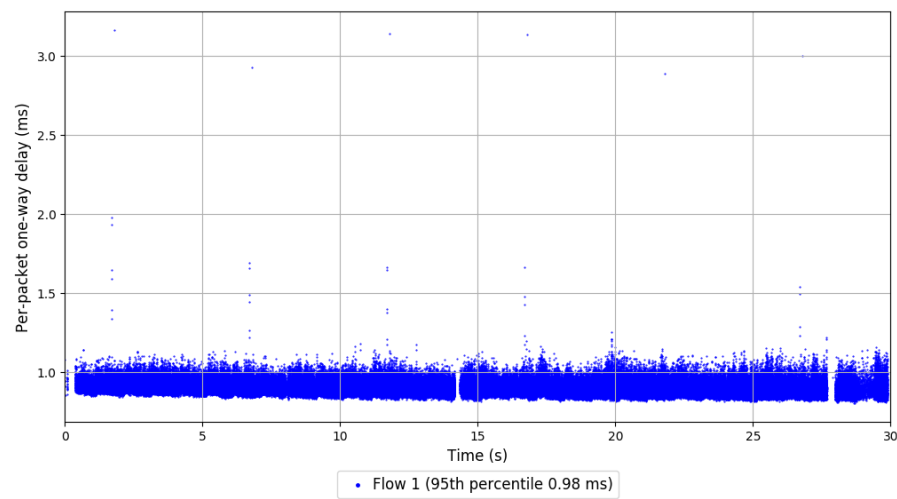
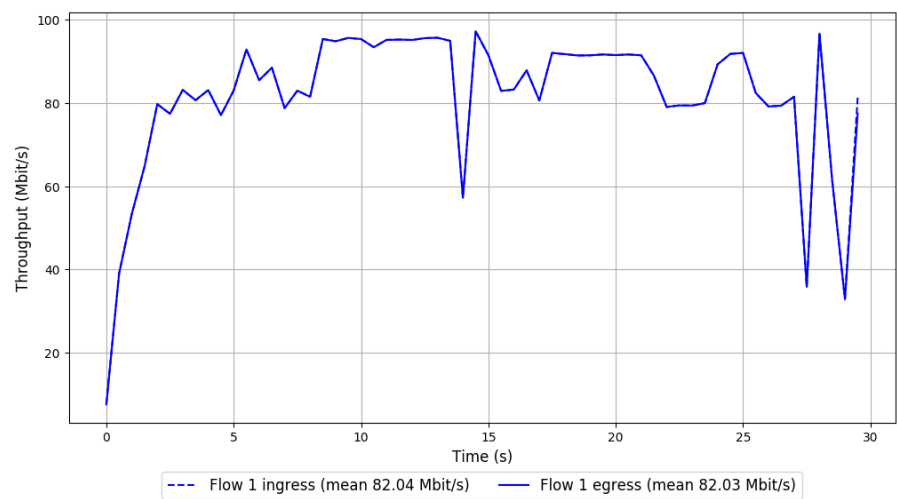
-- Flow 1:

Average throughput: 82.03 Mbit/s

95th percentile per-packet one-way delay: 0.981 ms

Loss rate: 0.08%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2018-03-20 12:21:11

End at: 2018-03-20 12:21:41

Local clock offset: 4.783 ms

Remote clock offset: -5.009 ms

Below is generated by plot.py at 2018-03-20 20:52:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.87 Mbit/s

95th percentile per-packet one-way delay: 1.061 ms

Loss rate: 0.08%

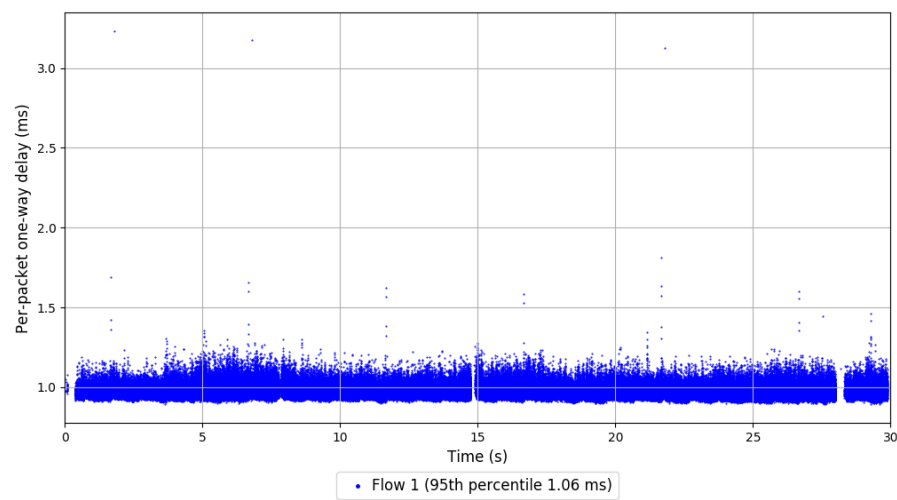
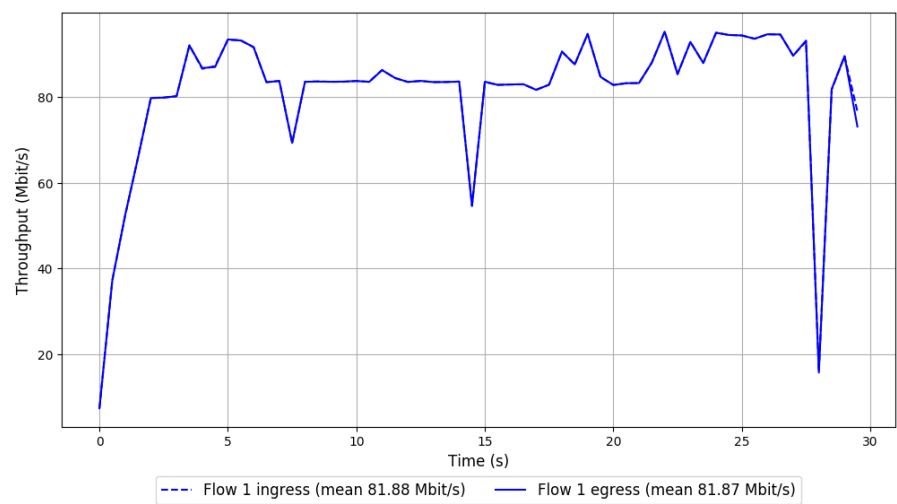
-- Flow 1:

Average throughput: 81.87 Mbit/s

95th percentile per-packet one-way delay: 1.061 ms

Loss rate: 0.08%

Run 4: Report of QUIC Cubic — Data Link

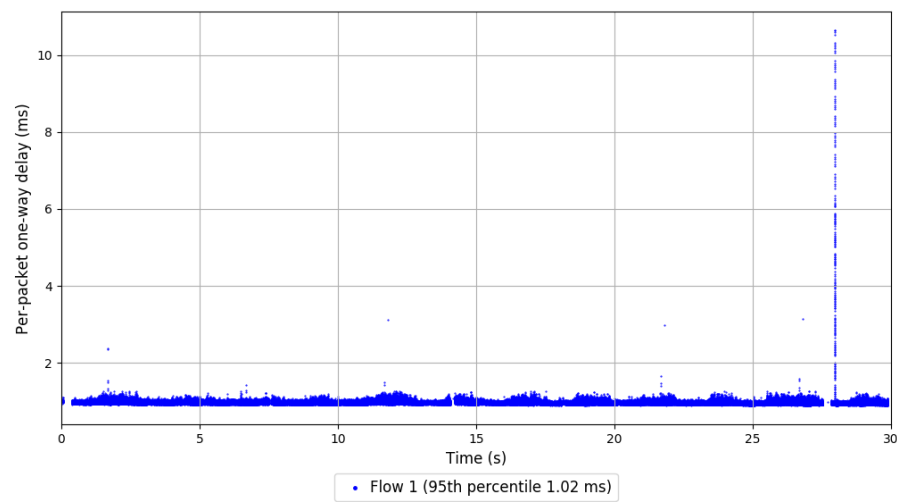
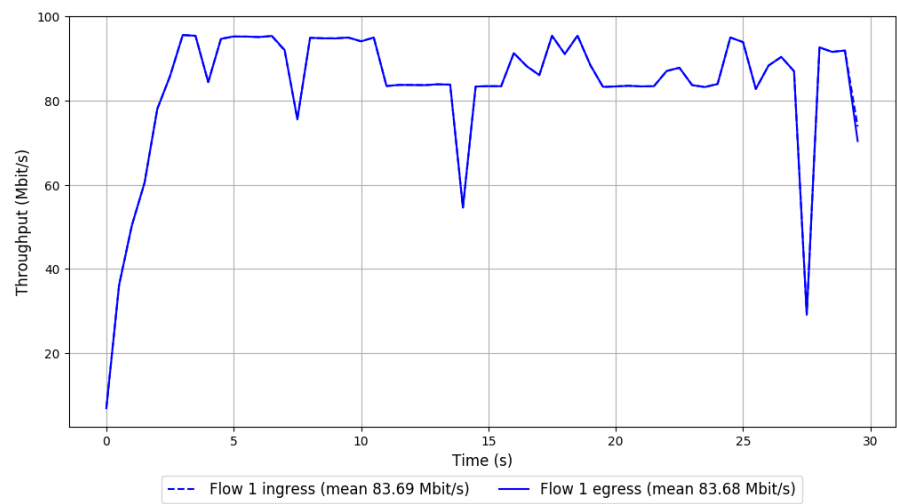


Run 5: Statistics of QUIC Cubic

Start at: 2018-03-20 12:48:41
End at: 2018-03-20 12:49:11
Local clock offset: 5.223 ms
Remote clock offset: -5.926 ms

Below is generated by plot.py at 2018-03-20 20:52:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.68 Mbit/s
95th percentile per-packet one-way delay: 1.019 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 83.68 Mbit/s
95th percentile per-packet one-way delay: 1.019 ms
Loss rate: 0.07%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2018-03-20 13:16:07

End at: 2018-03-20 13:16:37

Local clock offset: 1.378 ms

Remote clock offset: -6.172 ms

Below is generated by plot.py at 2018-03-20 20:52:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.84 Mbit/s

95th percentile per-packet one-way delay: 1.273 ms

Loss rate: 0.07%

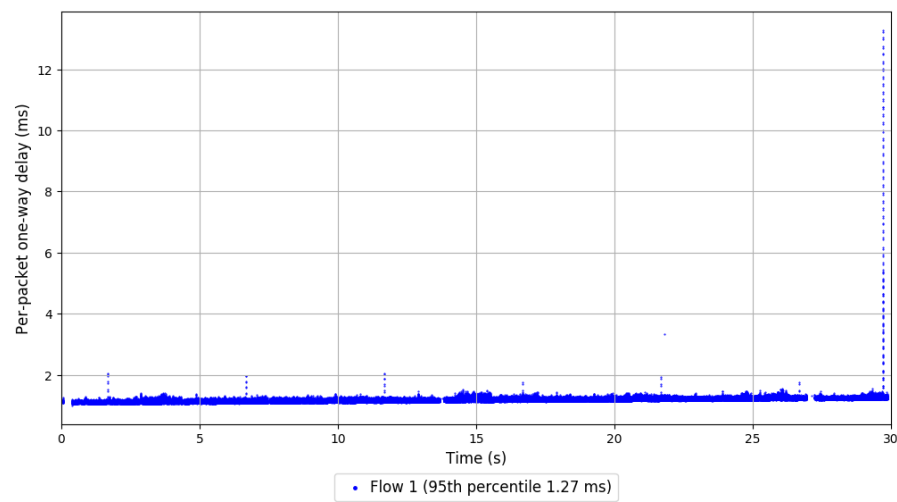
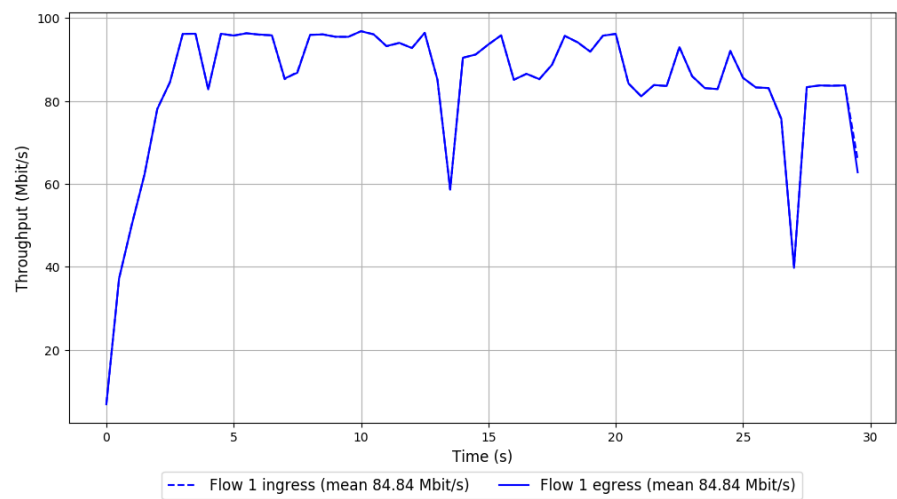
-- Flow 1:

Average throughput: 84.84 Mbit/s

95th percentile per-packet one-way delay: 1.273 ms

Loss rate: 0.07%

Run 6: Report of QUIC Cubic — Data Link

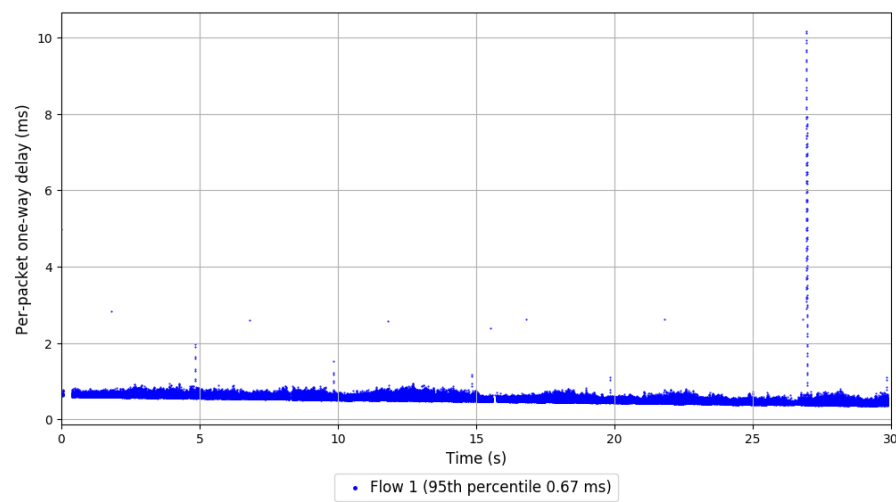
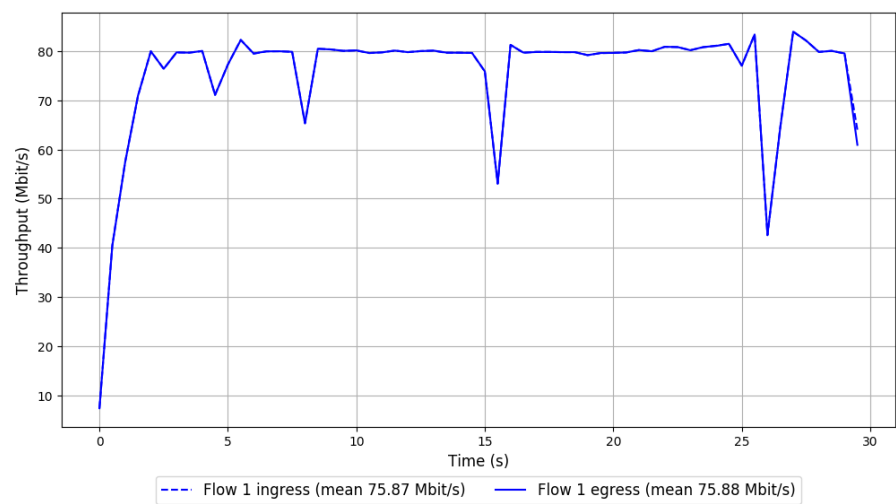


Run 7: Statistics of QUIC Cubic

Start at: 2018-03-20 13:43:42
End at: 2018-03-20 13:44:12
Local clock offset: -1.298 ms
Remote clock offset: -6.126 ms

Below is generated by plot.py at 2018-03-20 20:52:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 75.88 Mbit/s
95th percentile per-packet one-way delay: 0.670 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 75.88 Mbit/s
95th percentile per-packet one-way delay: 0.670 ms
Loss rate: 0.07%

Run 7: Report of QUIC Cubic — Data Link

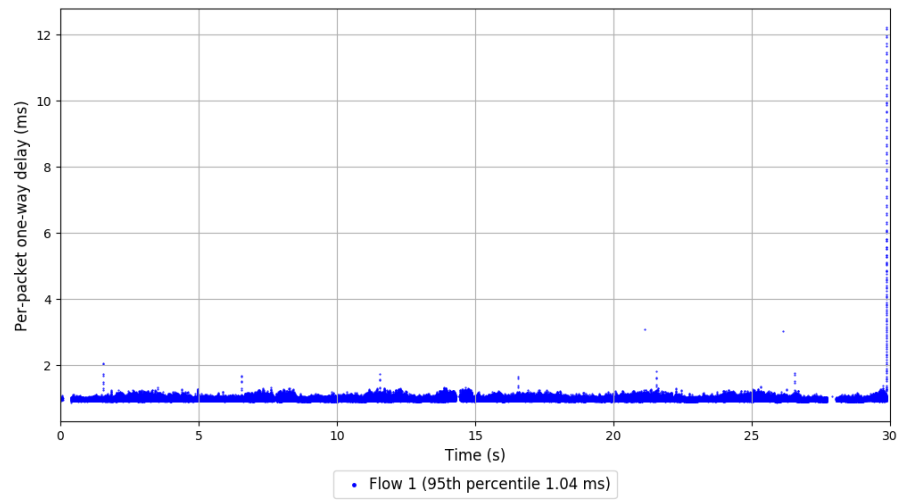
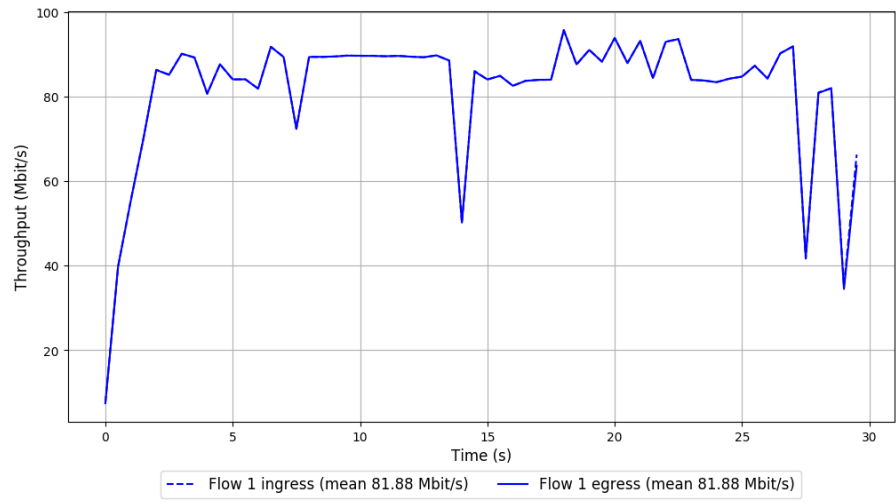


Run 8: Statistics of QUIC Cubic

Start at: 2018-03-20 14:11:01
End at: 2018-03-20 14:11:31
Local clock offset: 3.807 ms
Remote clock offset: -5.394 ms

Below is generated by plot.py at 2018-03-20 20:52:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 81.88 Mbit/s
95th percentile per-packet one-way delay: 1.040 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 81.88 Mbit/s
95th percentile per-packet one-way delay: 1.040 ms
Loss rate: 0.07%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2018-03-20 14:38:28

End at: 2018-03-20 14:38:58

Local clock offset: 2.356 ms

Remote clock offset: -6.101 ms

Below is generated by plot.py at 2018-03-20 20:52:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 76.08 Mbit/s

95th percentile per-packet one-way delay: 1.202 ms

Loss rate: 0.07%

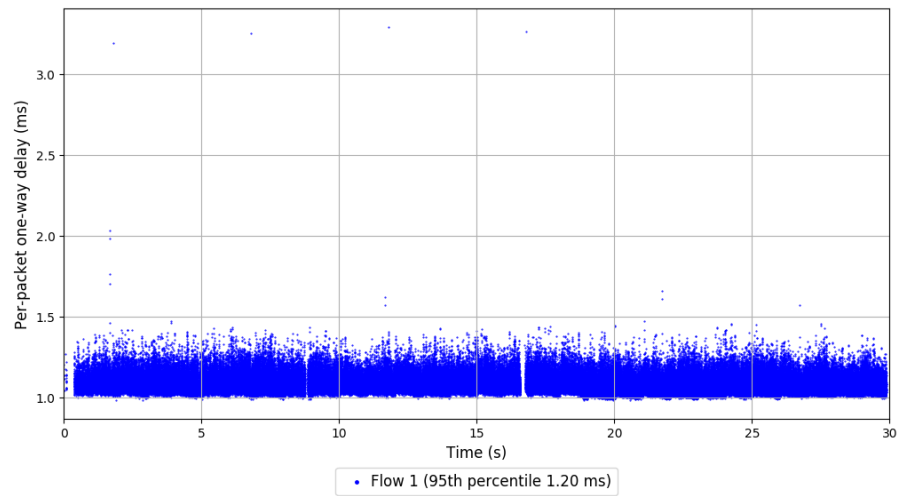
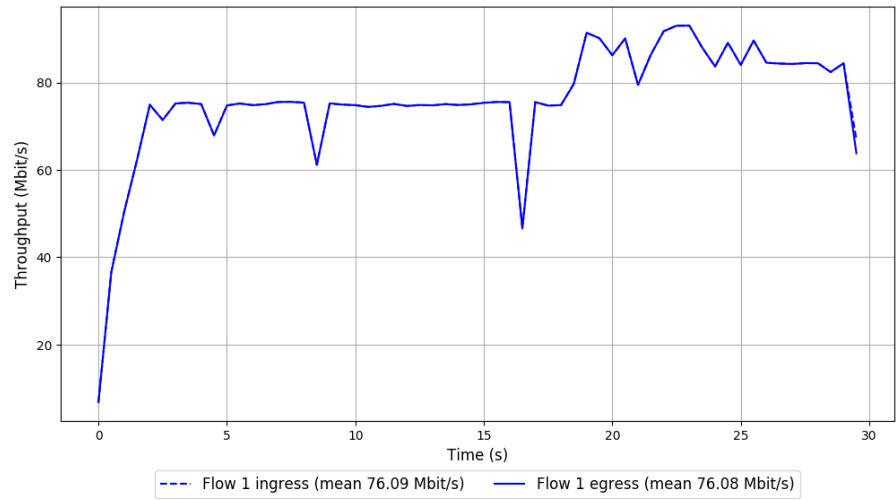
-- Flow 1:

Average throughput: 76.08 Mbit/s

95th percentile per-packet one-way delay: 1.202 ms

Loss rate: 0.07%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-03-20 15:06:04

End at: 2018-03-20 15:06:34

Local clock offset: 0.424 ms

Remote clock offset: -4.262 ms

Below is generated by plot.py at 2018-03-20 20:52:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.92 Mbit/s

95th percentile per-packet one-way delay: 1.290 ms

Loss rate: 0.07%

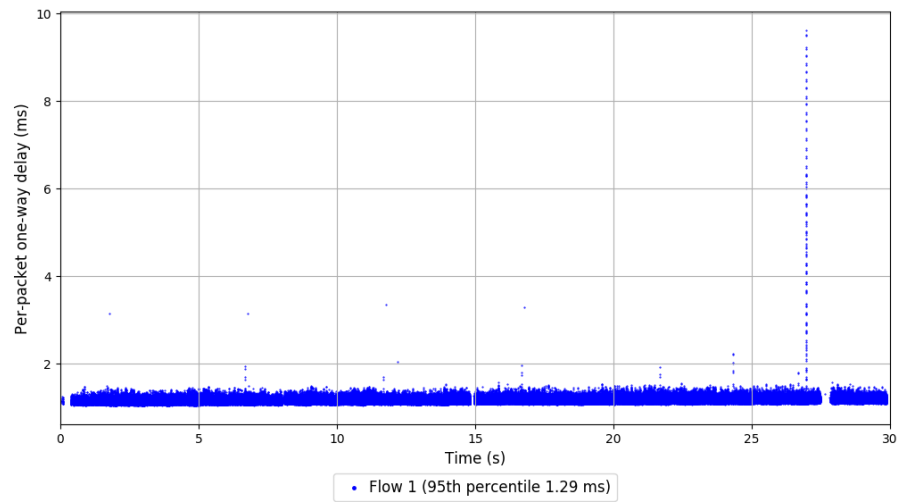
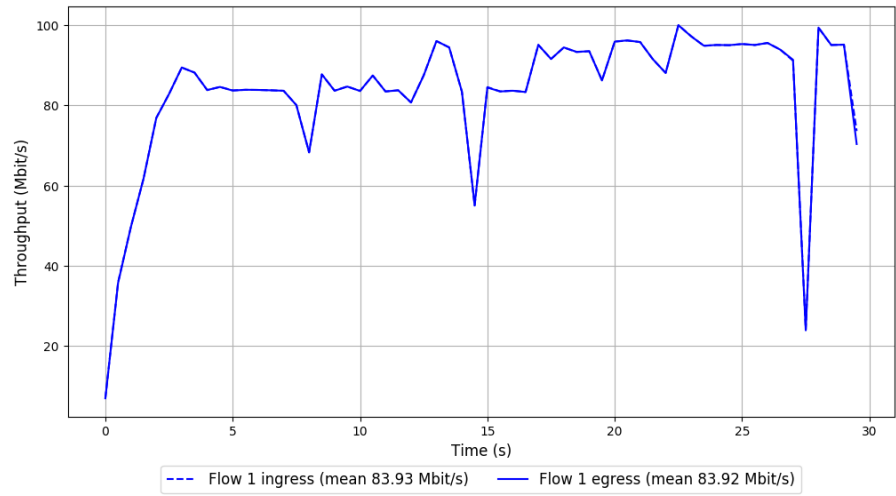
-- Flow 1:

Average throughput: 83.92 Mbit/s

95th percentile per-packet one-way delay: 1.290 ms

Loss rate: 0.07%

Run 10: Report of QUIC Cubic — Data Link

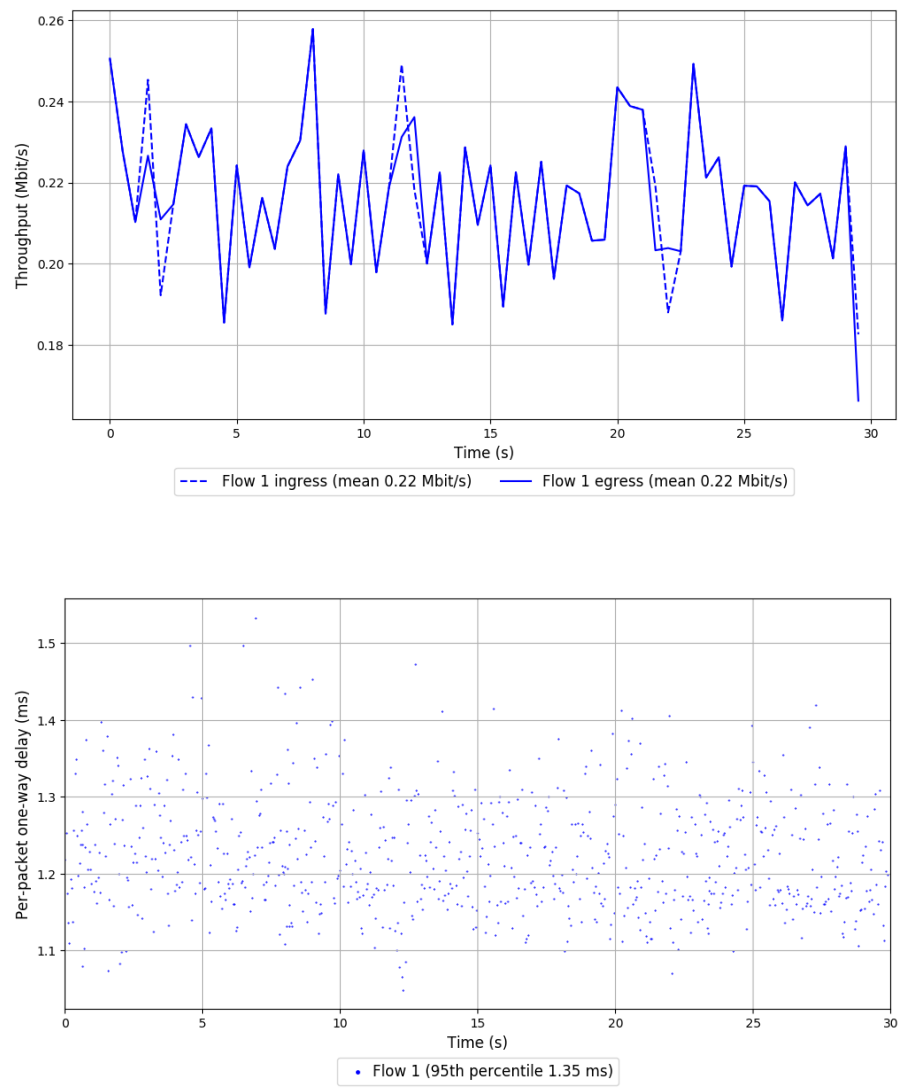


Run 1: Statistics of SCReAM

Start at: 2018-03-20 10:50:18
End at: 2018-03-20 10:50:48
Local clock offset: 0.168 ms
Remote clock offset: -4.031 ms

Below is generated by plot.py at 2018-03-20 20:52:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.355 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.355 ms
Loss rate: 0.13%

Run 1: Report of SReAM — Data Link

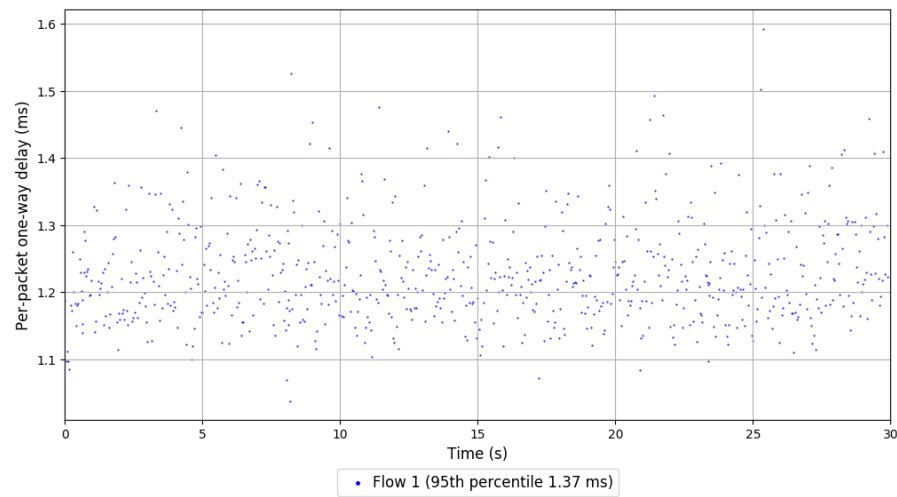
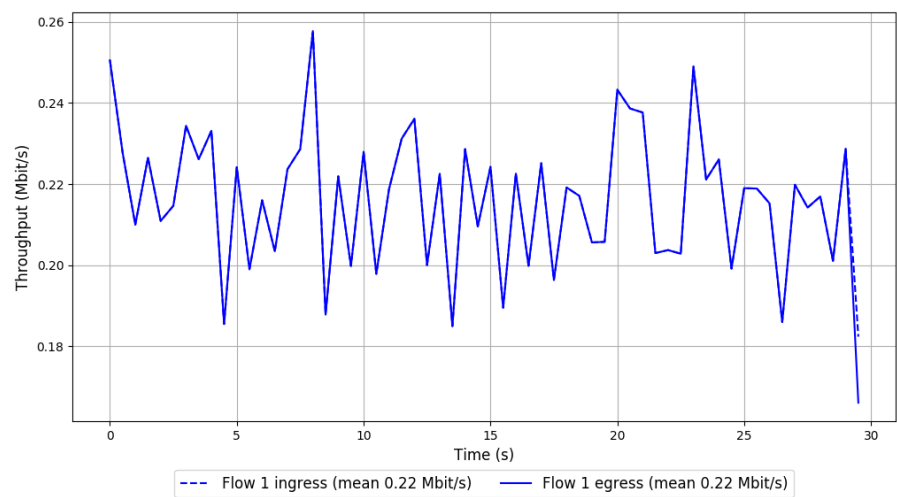


Run 2: Statistics of SCReAM

Start at: 2018-03-20 11:17:33
End at: 2018-03-20 11:18:03
Local clock offset: -0.767 ms
Remote clock offset: -4.576 ms

Below is generated by plot.py at 2018-03-20 20:52:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.369 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.369 ms
Loss rate: 0.13%

Run 2: Report of SReAM — Data Link

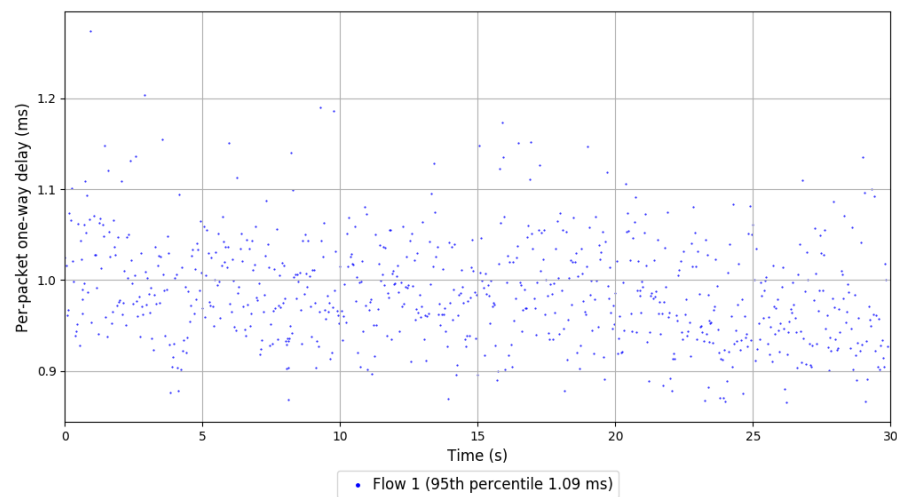
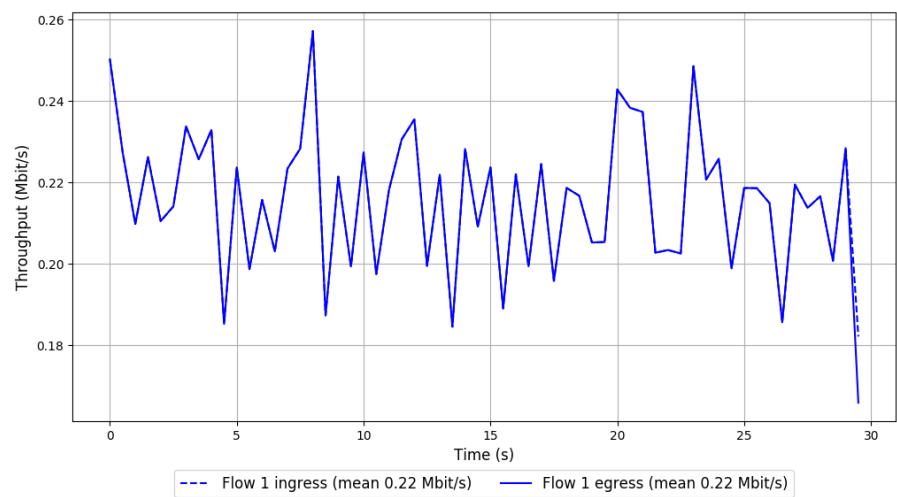


Run 3: Statistics of SCReAM

Start at: 2018-03-20 11:44:56
End at: 2018-03-20 11:45:26
Local clock offset: 5.054 ms
Remote clock offset: -4.638 ms

Below is generated by plot.py at 2018-03-20 20:52:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.086 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.086 ms
Loss rate: 0.13%

Run 3: Report of SReAM — Data Link

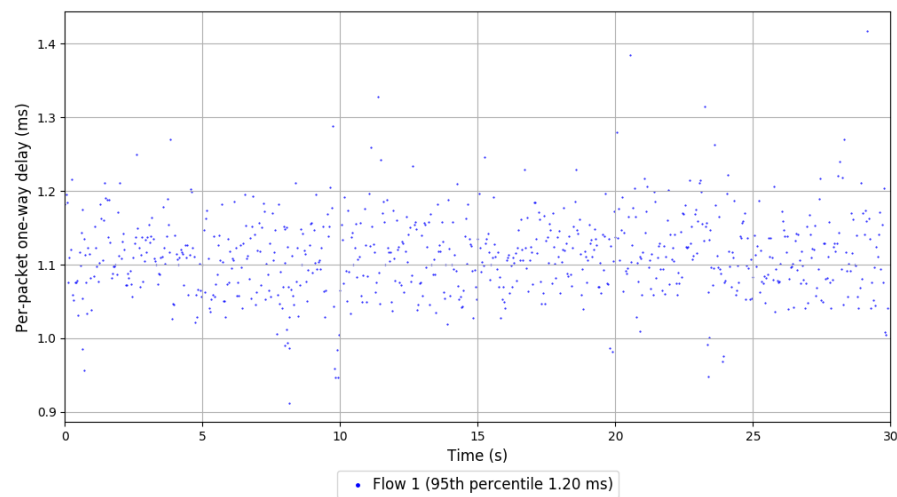
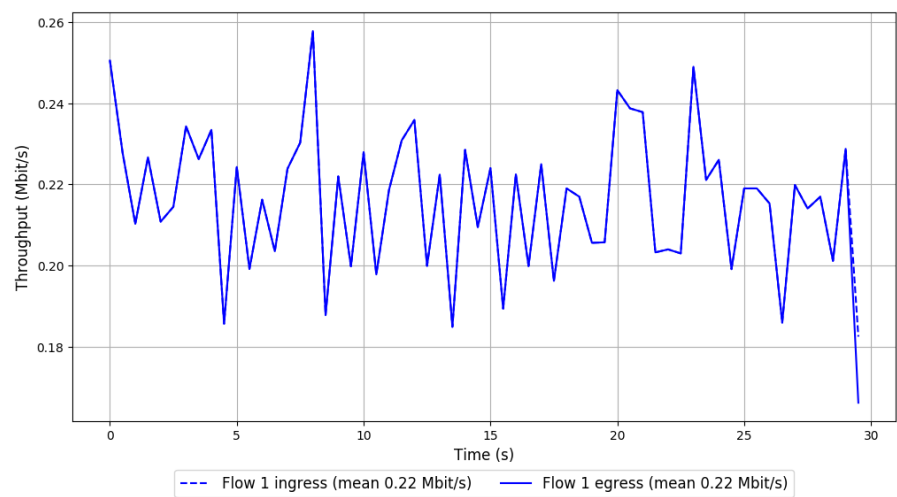


Run 4: Statistics of SCReAM

Start at: 2018-03-20 12:12:09
End at: 2018-03-20 12:12:39
Local clock offset: 4.963 ms
Remote clock offset: -4.809 ms

Below is generated by plot.py at 2018-03-20 20:52:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.199 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.199 ms
Loss rate: 0.13%

Run 4: Report of SReAM — Data Link

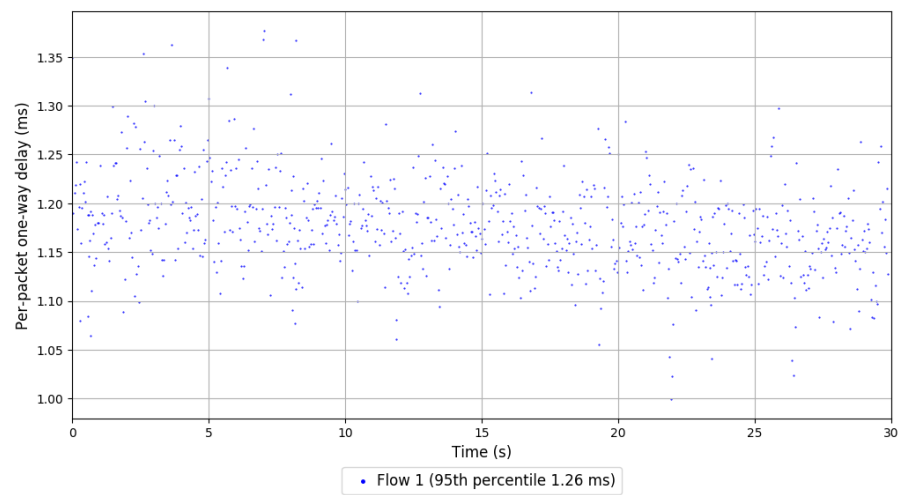
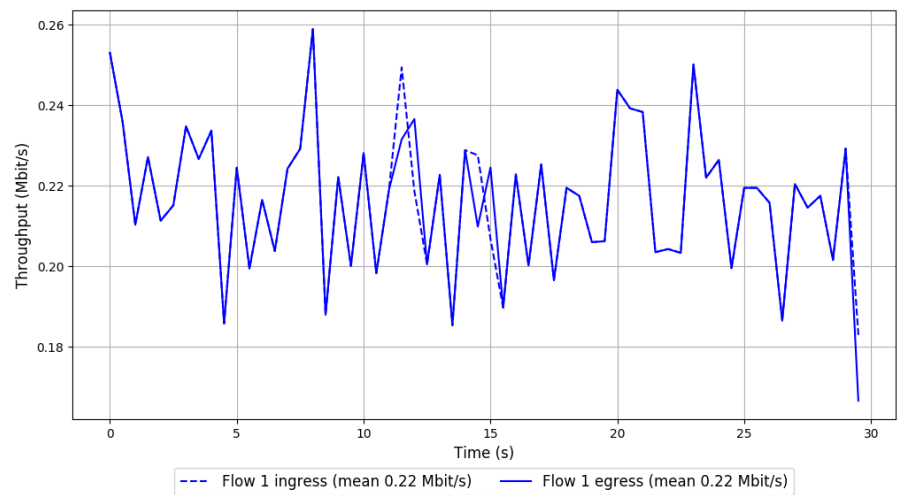


Run 5: Statistics of SCReAM

Start at: 2018-03-20 12:39:37
End at: 2018-03-20 12:40:07
Local clock offset: 5.083 ms
Remote clock offset: -5.613 ms

Below is generated by plot.py at 2018-03-20 20:52:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.259 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.259 ms
Loss rate: 0.13%

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SCReAM

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

End at: 2018-03-20 13:07:33

Local clock offset: 5.523 ms

Remote clock offset: -6.38 ms

Below is generated by plot.py at 2018-03-20 20:52:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.608 ms

Loss rate: 0.13%

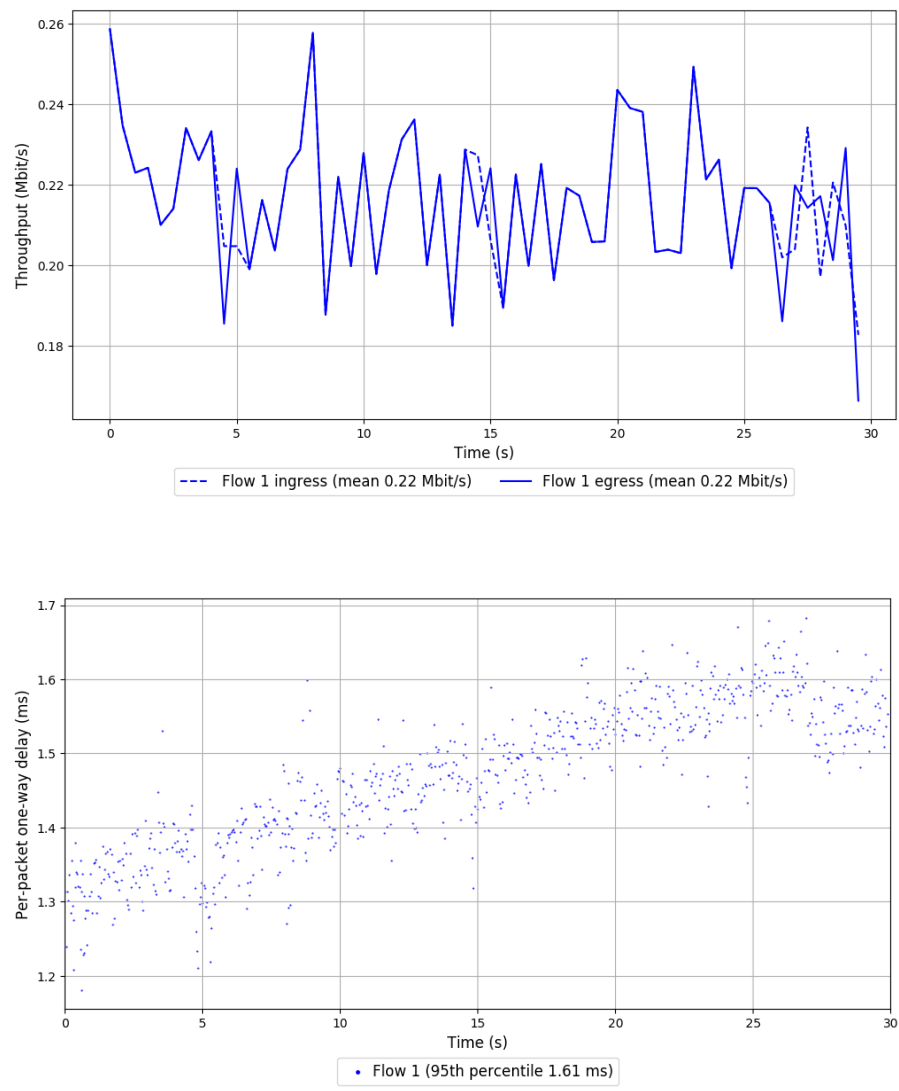
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.608 ms

Loss rate: 0.13%

Run 6: Report of SReAM — Data Link

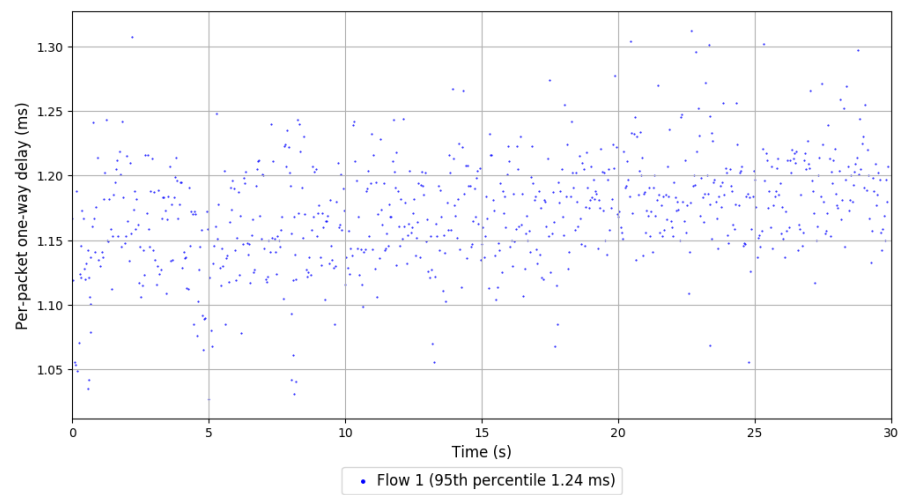
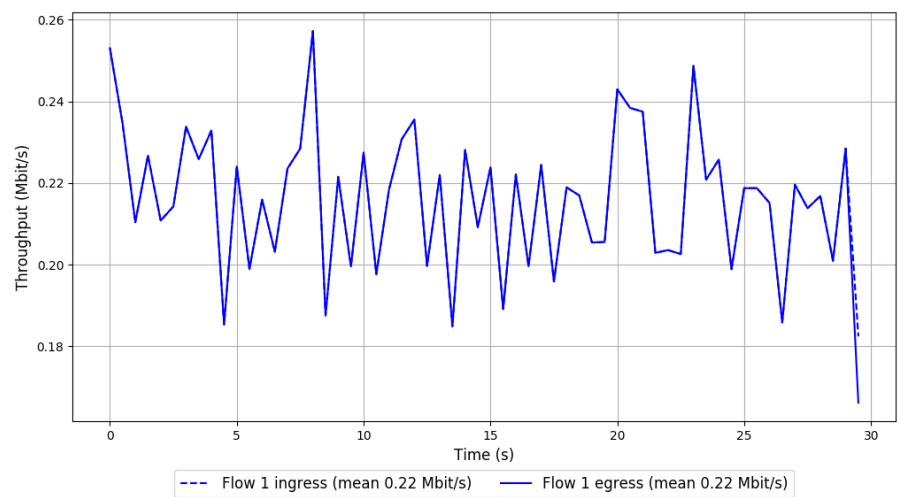


Run 7: Statistics of SCReAM

Start at: 2018-03-20 13:34:33
End at: 2018-03-20 13:35:03
Local clock offset: -2.094 ms
Remote clock offset: -6.279 ms

Below is generated by plot.py at 2018-03-20 20:52:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.240 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.240 ms
Loss rate: 0.13%

Run 7: Report of SReAM — Data Link

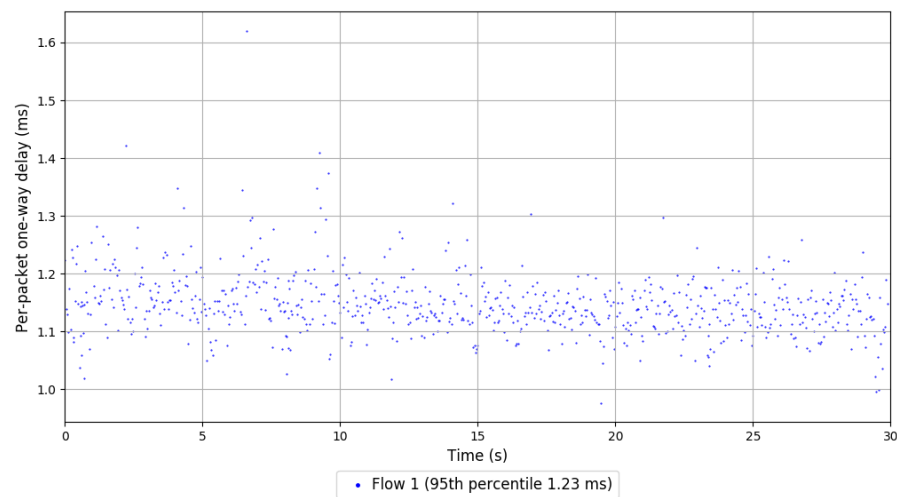
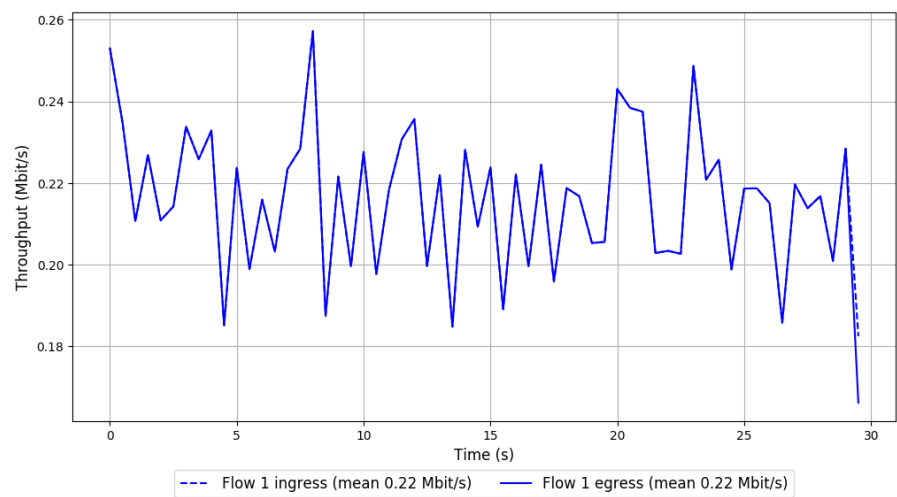


Run 8: Statistics of SCReAM

Start at: 2018-03-20 14:01:58
End at: 2018-03-20 14:02:28
Local clock offset: 3.416 ms
Remote clock offset: -5.531 ms

Below is generated by plot.py at 2018-03-20 20:52:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.233 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.233 ms
Loss rate: 0.13%

Run 8: Report of SReAM — Data Link

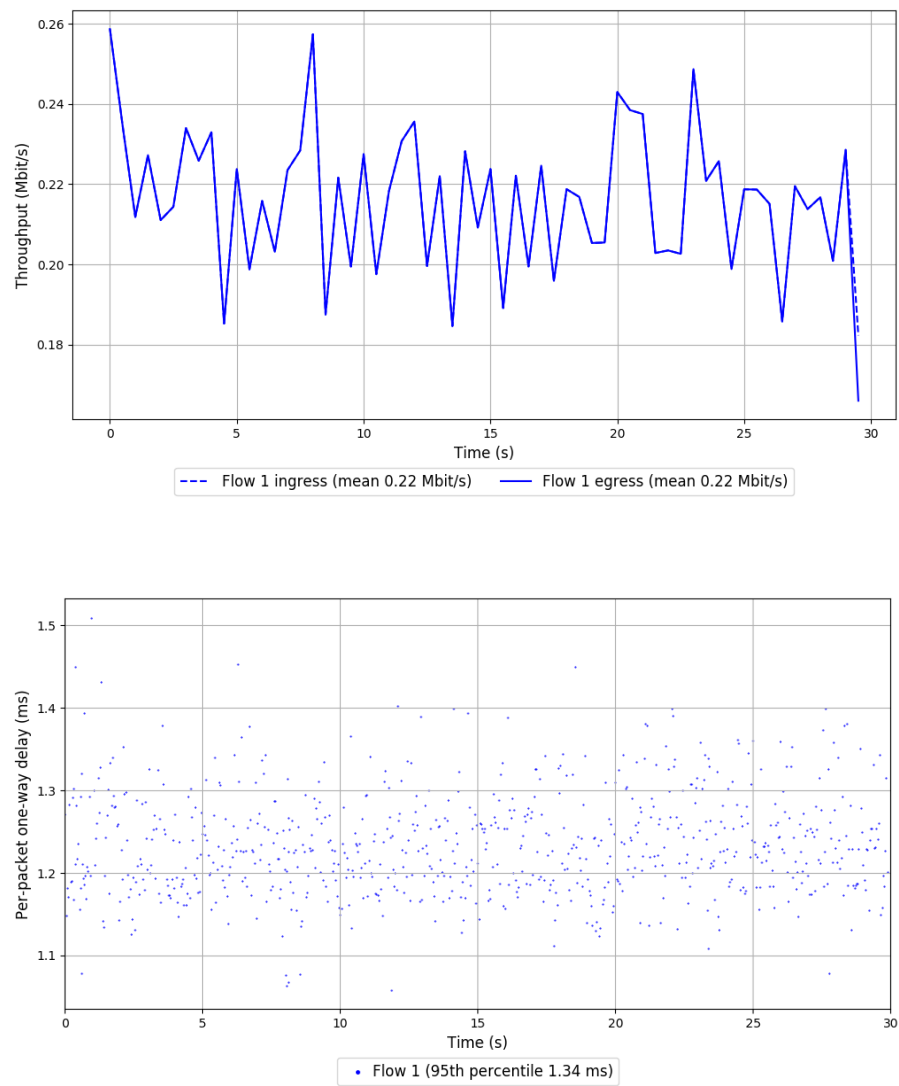


Run 9: Statistics of SCReAM

Start at: 2018-03-20 14:29:29
End at: 2018-03-20 14:29:59
Local clock offset: 2.66 ms
Remote clock offset: -5.946 ms

Below is generated by plot.py at 2018-03-20 20:52:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.343 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.343 ms
Loss rate: 0.13%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SCReAM

Start at: 2018-03-20 14:56:54

End at: 2018-03-20 14:57:24

Local clock offset: 1.13 ms

Remote clock offset: -4.912 ms

Below is generated by plot.py at 2018-03-20 20:52:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.487 ms

Loss rate: 0.13%

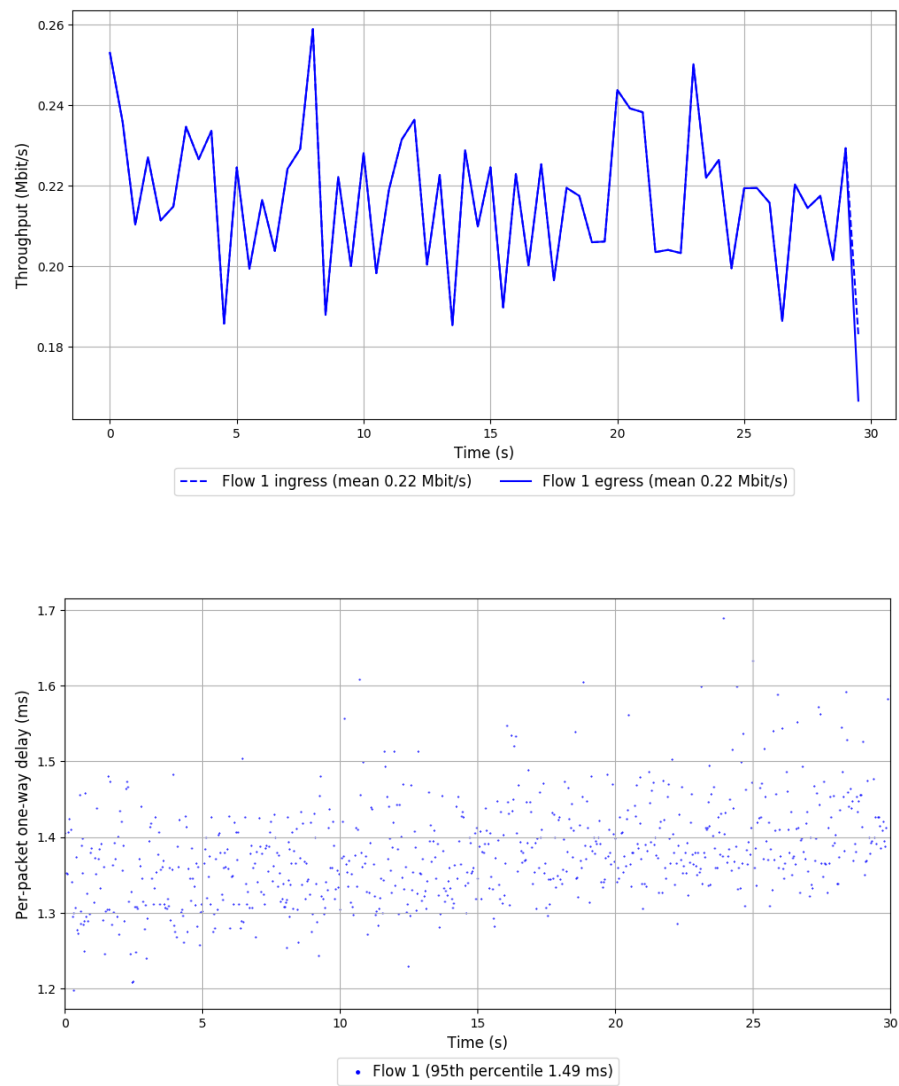
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.487 ms

Loss rate: 0.13%

Run 10: Report of SReAM — Data Link

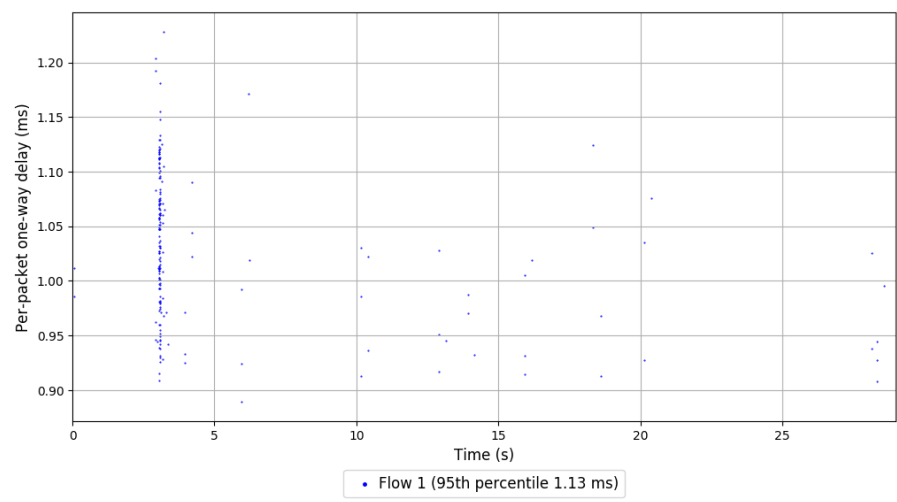
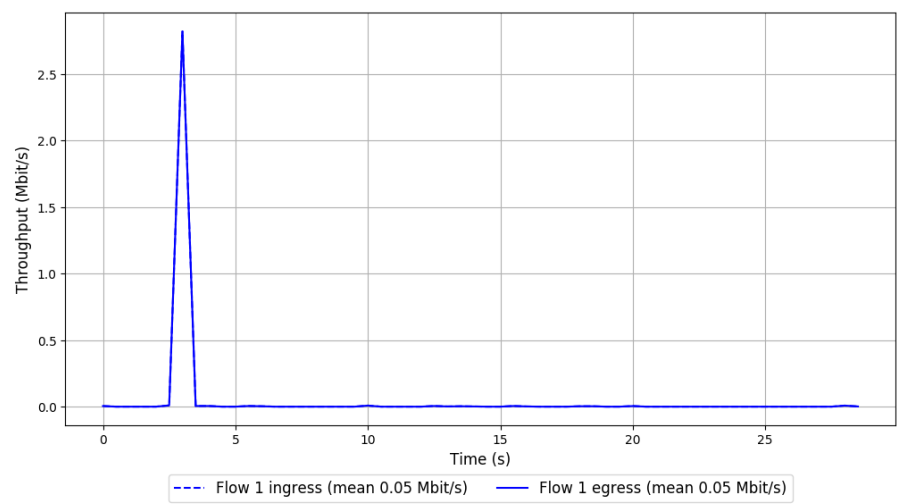


Run 1: Statistics of WebRTC media

Start at: 2018-03-20 10:54:52
End at: 2018-03-20 10:55:22
Local clock offset: -0.119 ms
Remote clock offset: -4.386 ms

Below is generated by plot.py at 2018-03-20 20:52:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.129 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.129 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

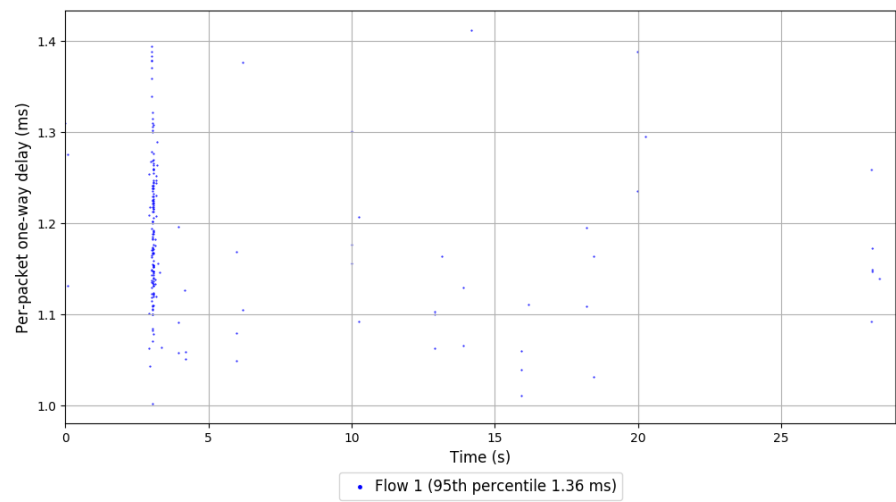
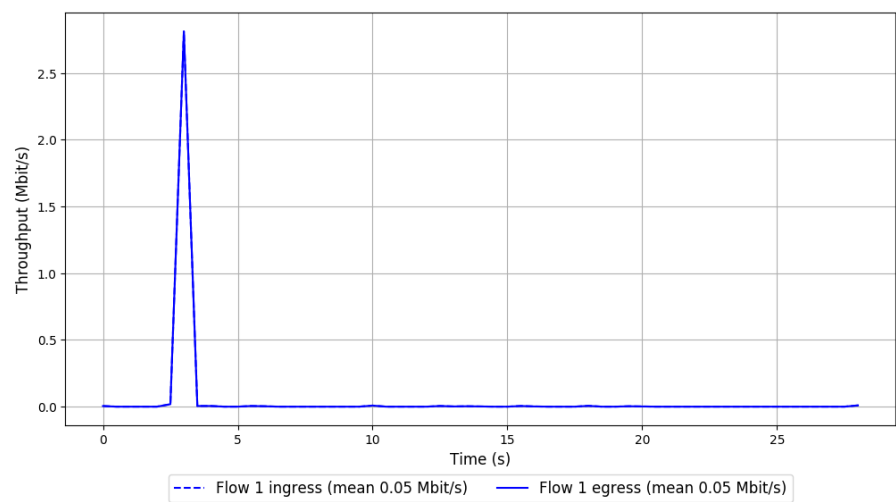


Run 2: Statistics of WebRTC media

Start at: 2018-03-20 11:22:07
End at: 2018-03-20 11:22:37
Local clock offset: -0.855 ms
Remote clock offset: -4.546 ms

Below is generated by plot.py at 2018-03-20 20:52:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.359 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.359 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

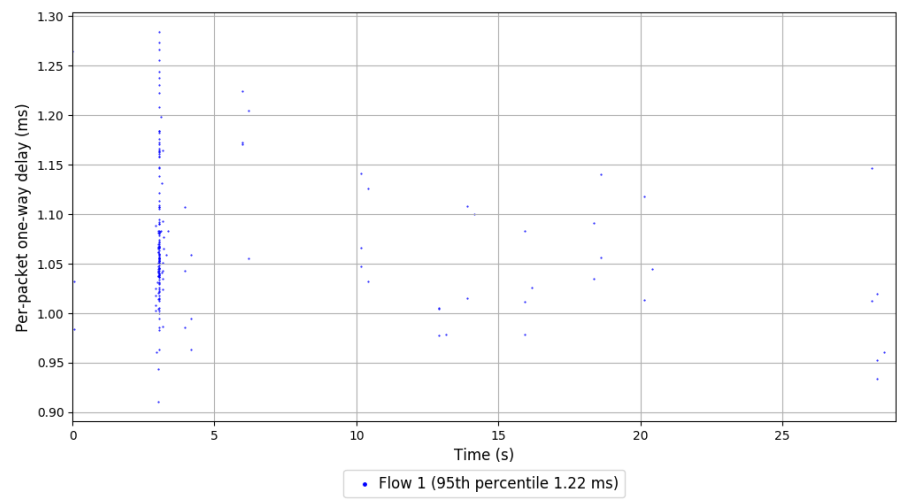
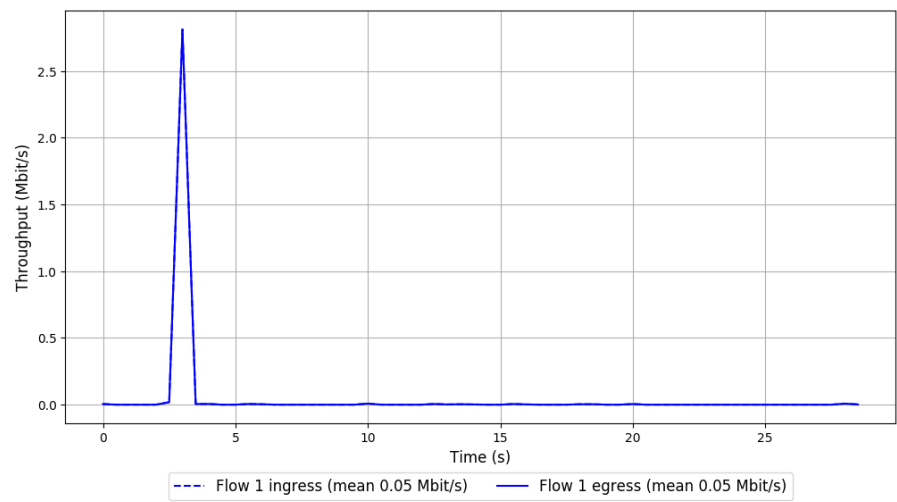


Run 3: Statistics of WebRTC media

Start at: 2018-03-20 11:49:21
End at: 2018-03-20 11:49:51
Local clock offset: 5.597 ms
Remote clock offset: -4.653 ms

Below is generated by plot.py at 2018-03-20 20:52:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.222 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.222 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

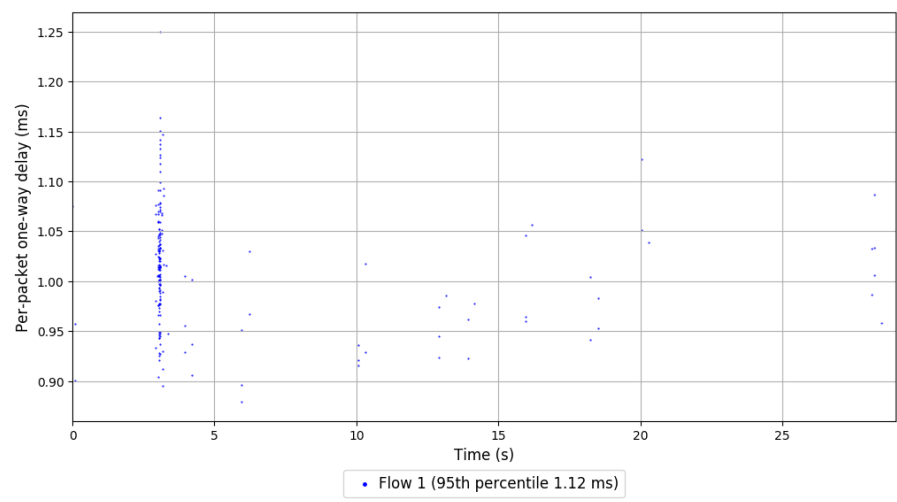
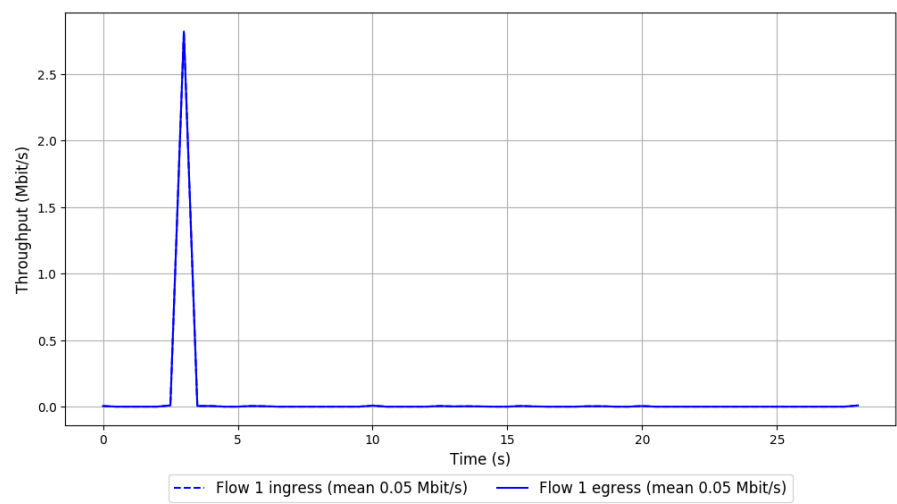


Run 4: Statistics of WebRTC media

Start at: 2018-03-20 12:16:36
End at: 2018-03-20 12:17:06
Local clock offset: 4.799 ms
Remote clock offset: -4.961 ms

Below is generated by plot.py at 2018-03-20 20:52:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.122 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.122 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link

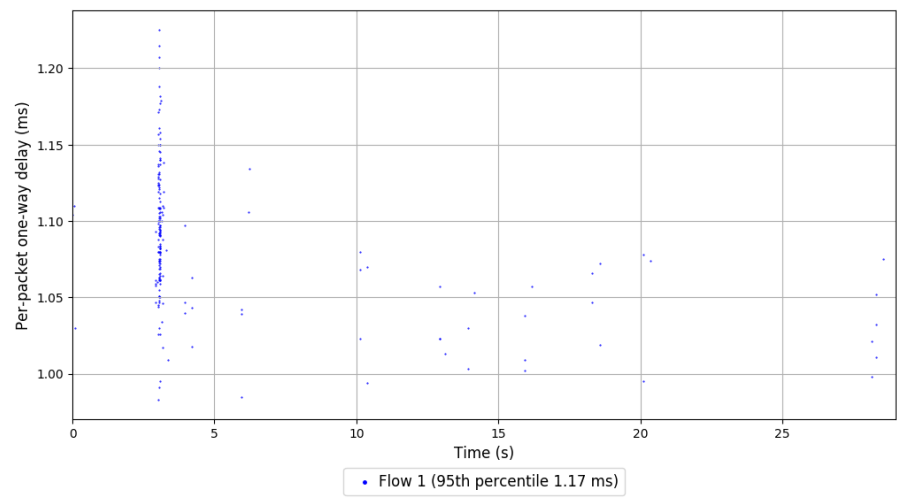
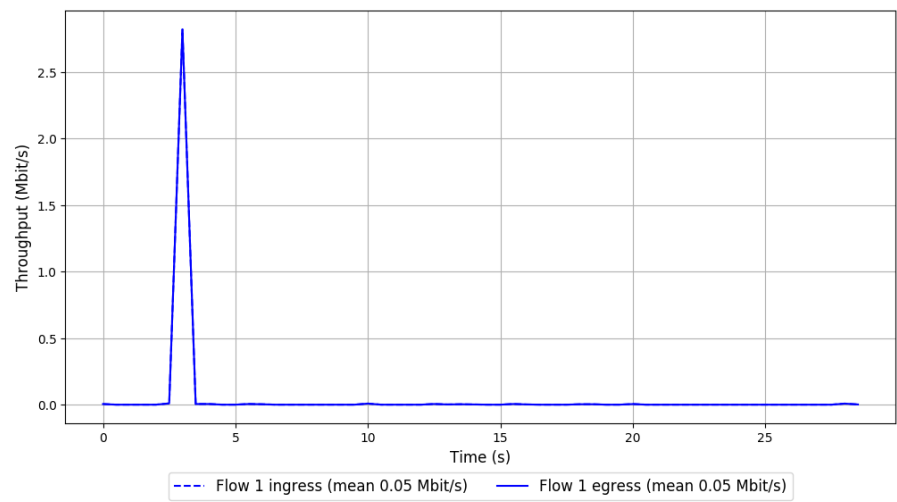


Run 5: Statistics of WebRTC media

Start at: 2018-03-20 12:44:06
End at: 2018-03-20 12:44:36
Local clock offset: 5.148 ms
Remote clock offset: -5.847 ms

Below is generated by plot.py at 2018-03-20 20:52:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.171 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.171 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

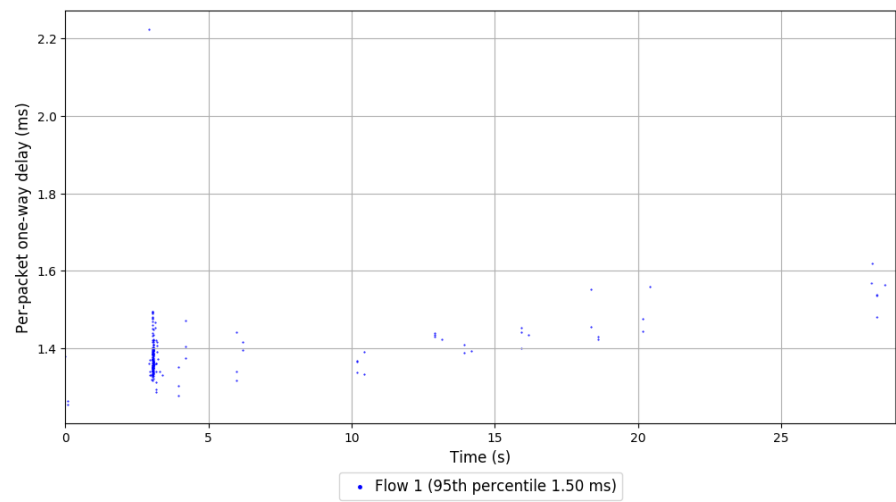
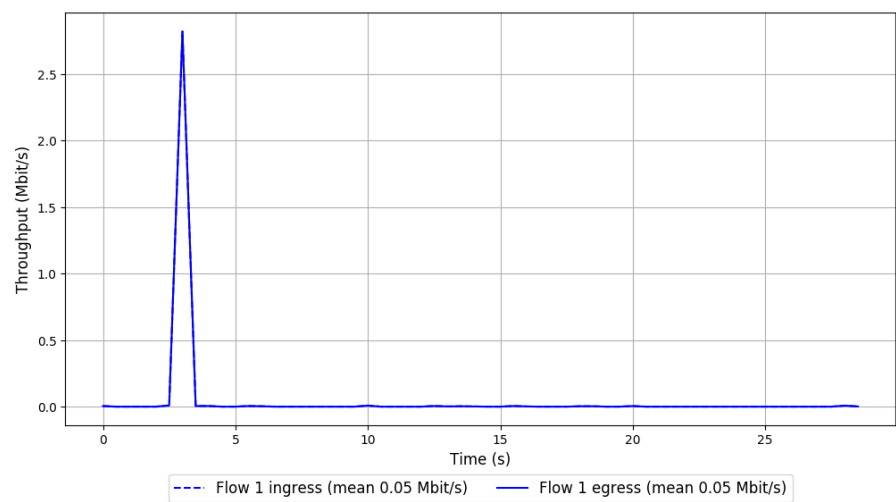


Run 6: Statistics of WebRTC media

Start at: 2018-03-20 13:11:36
End at: 2018-03-20 13:12:06
Local clock offset: 3.2 ms
Remote clock offset: -6.266 ms

Below is generated by plot.py at 2018-03-20 20:52:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.495 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.495 ms
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

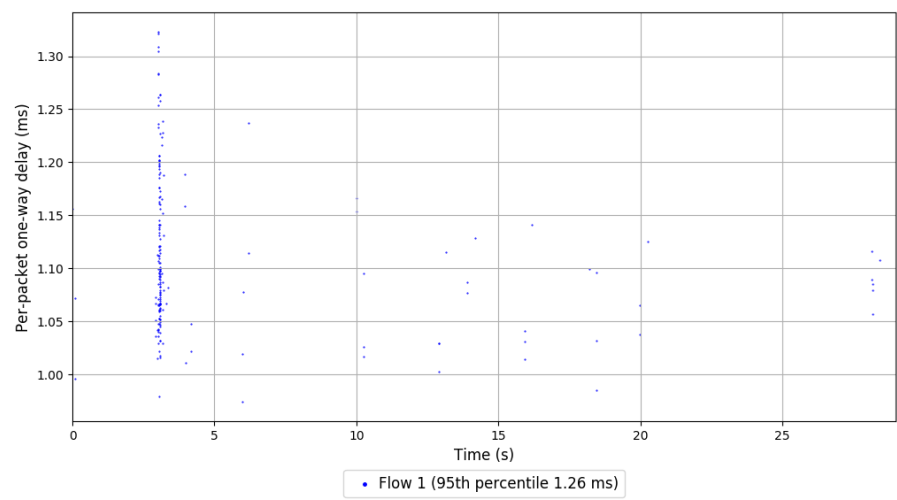
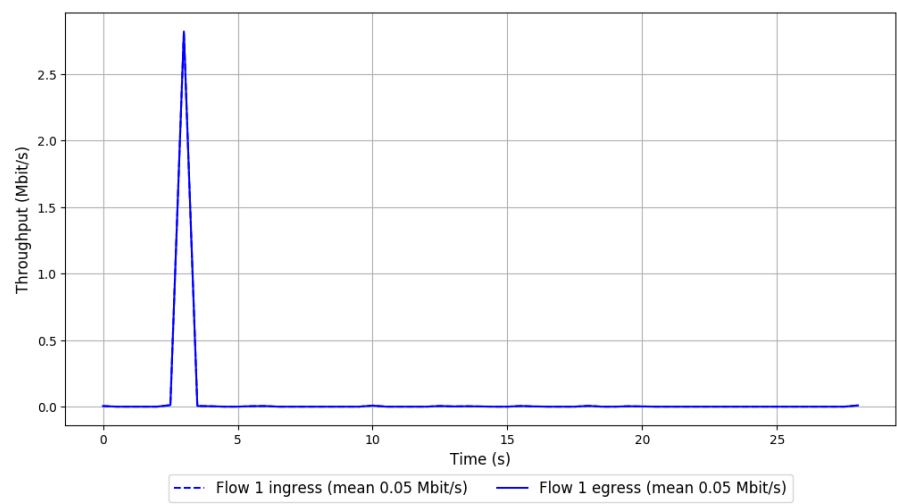


Run 7: Statistics of WebRTC media

Start at: 2018-03-20 13:39:06
End at: 2018-03-20 13:39:37
Local clock offset: -2.507 ms
Remote clock offset: -6.274 ms

Below is generated by plot.py at 2018-03-20 20:52:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.258 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.258 ms
Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

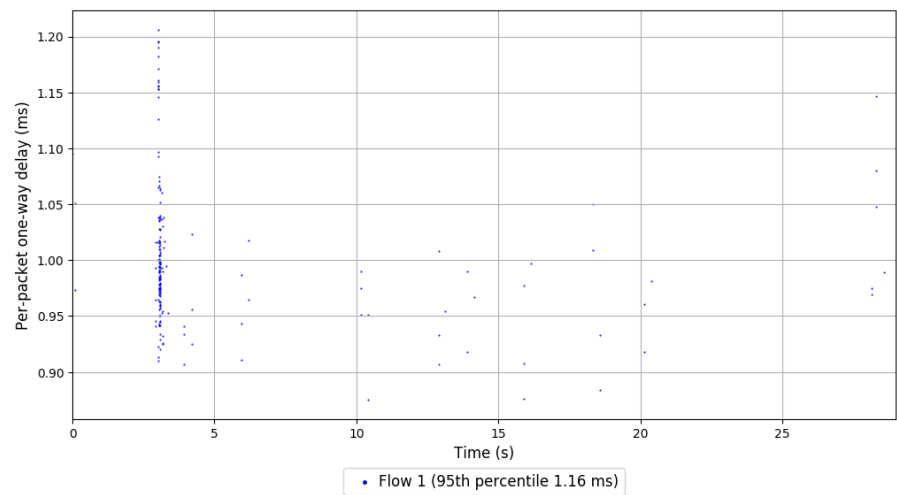
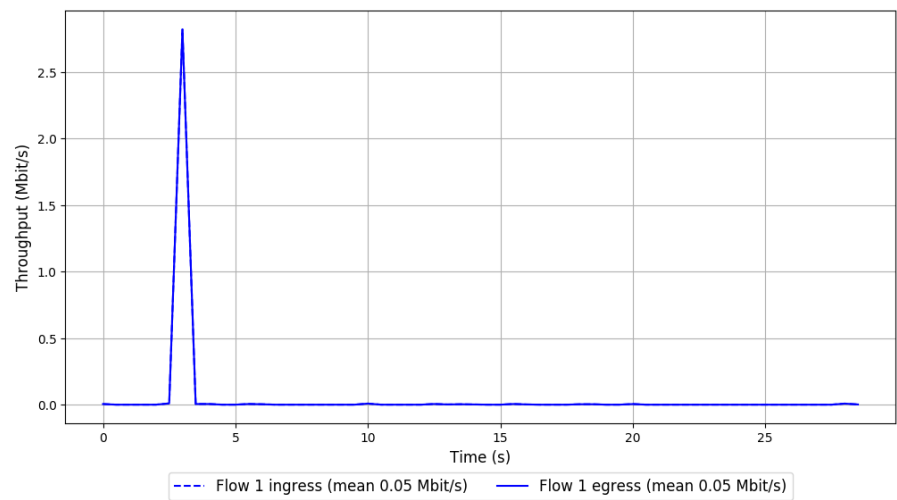


Run 8: Statistics of WebRTC media

Start at: 2018-03-20 14:06:29
End at: 2018-03-20 14:06:59
Local clock offset: 3.586 ms
Remote clock offset: -5.495 ms

Below is generated by plot.py at 2018-03-20 20:52:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.155 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.155 ms
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

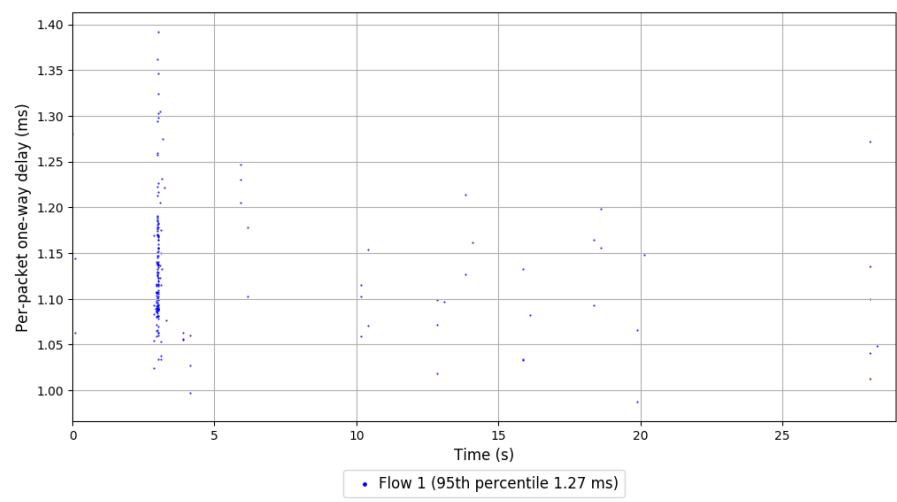
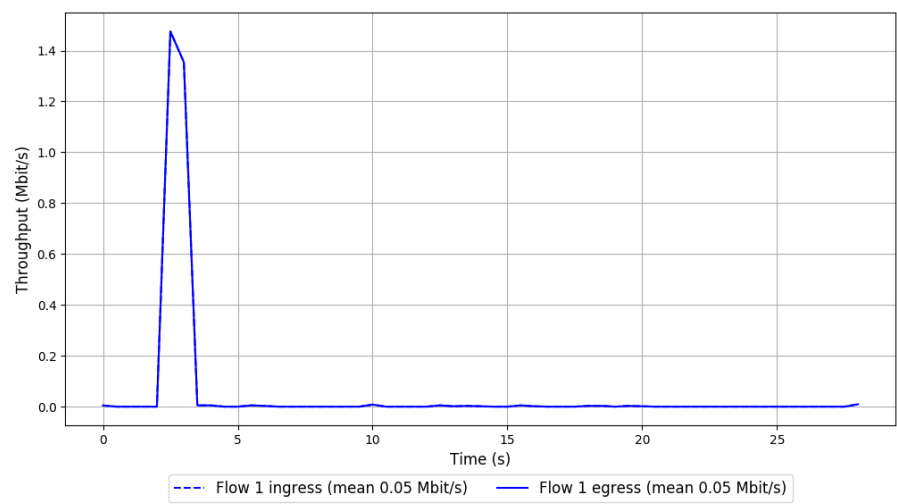


Run 9: Statistics of WebRTC media

Start at: 2018-03-20 14:34:02
End at: 2018-03-20 14:34:32
Local clock offset: 2.489 ms
Remote clock offset: -6.038 ms

Below is generated by plot.py at 2018-03-20 20:52:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.275 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.275 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-03-20 15:01:28

End at: 2018-03-20 15:01:58

Local clock offset: 0.627 ms

Remote clock offset: -4.543 ms

Below is generated by plot.py at 2018-03-20 20:52:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 1.221 ms

Loss rate: 0.00%

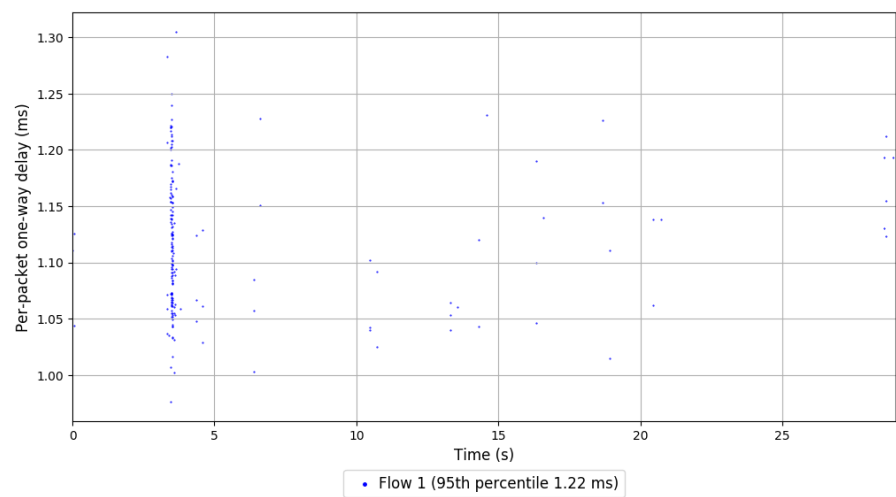
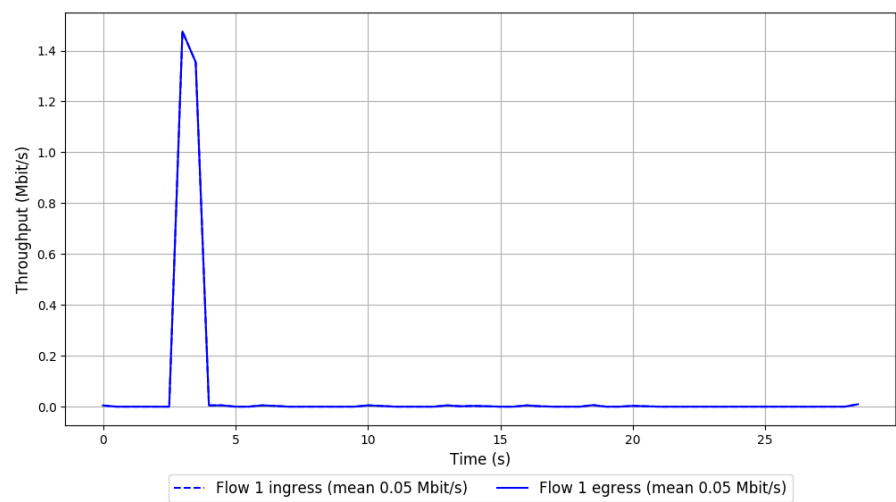
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 1.221 ms

Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

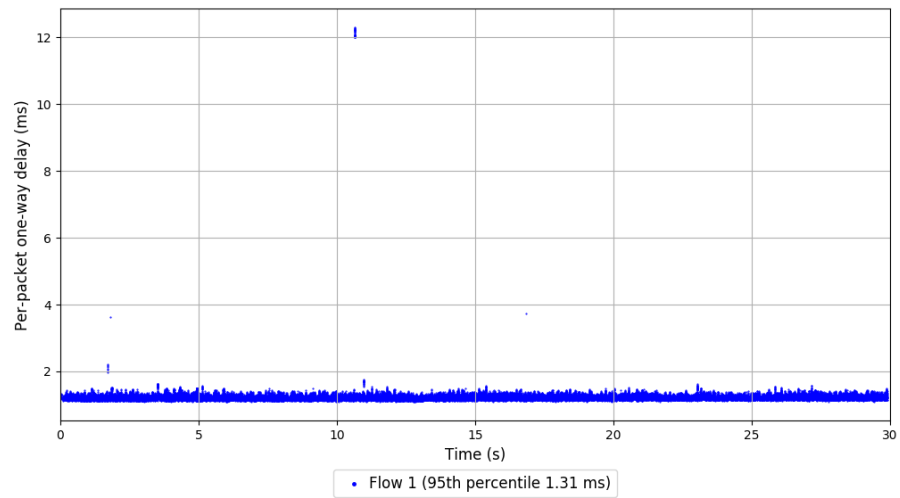
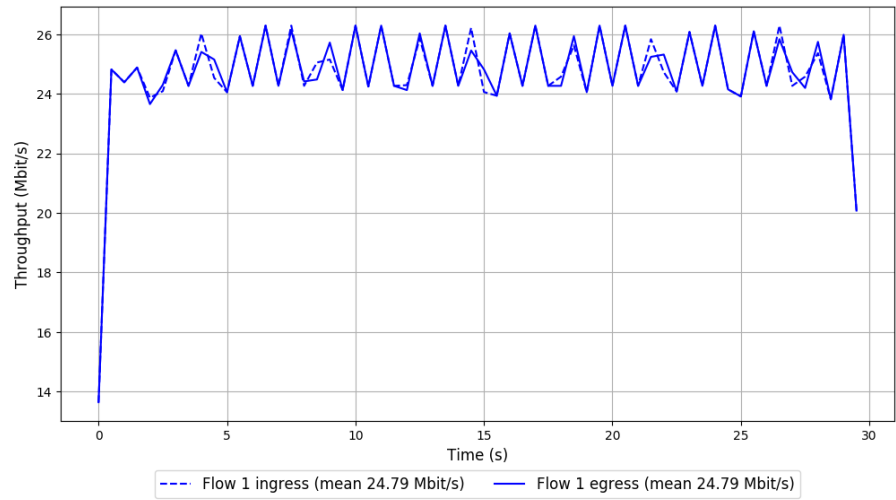


Run 1: Statistics of Sprout

Start at: 2018-03-20 10:49:00
End at: 2018-03-20 10:49:30
Local clock offset: 0.197 ms
Remote clock offset: -4.046 ms

Below is generated by plot.py at 2018-03-20 20:52:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.79 Mbit/s
95th percentile per-packet one-way delay: 1.315 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.79 Mbit/s
95th percentile per-packet one-way delay: 1.315 ms
Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

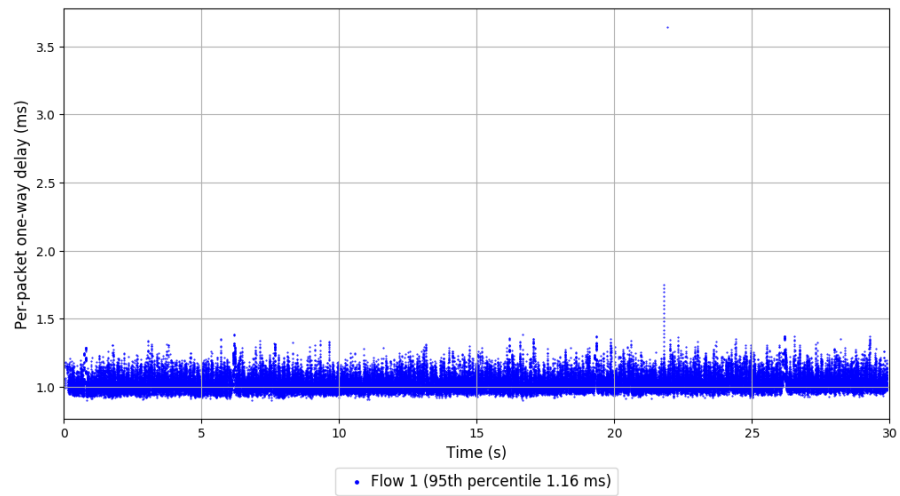
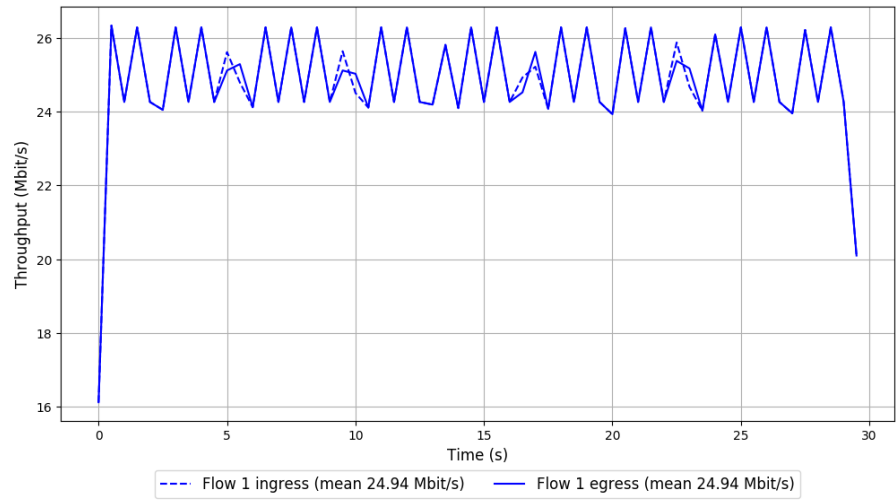


Run 2: Statistics of Sprout

Start at: 2018-03-20 11:16:14
End at: 2018-03-20 11:16:44
Local clock offset: -0.737 ms
Remote clock offset: -4.492 ms

Below is generated by plot.py at 2018-03-20 20:52:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.94 Mbit/s
95th percentile per-packet one-way delay: 1.160 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.94 Mbit/s
95th percentile per-packet one-way delay: 1.160 ms
Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

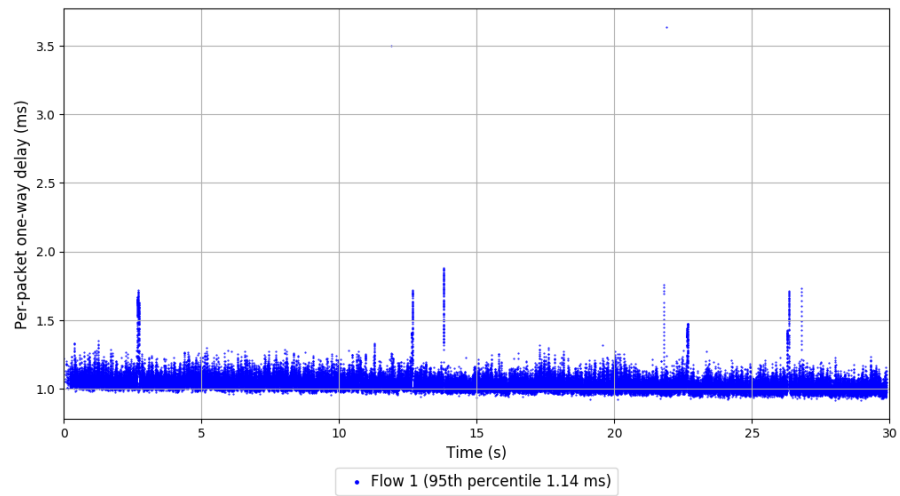
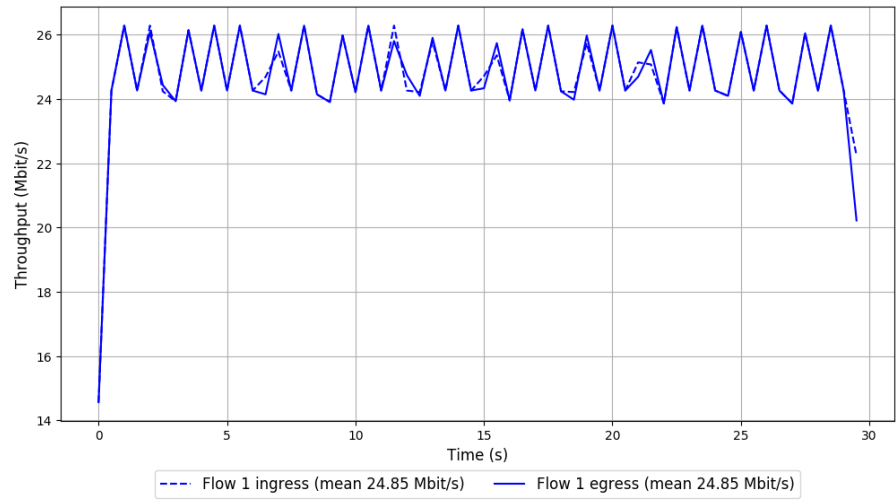


Run 3: Statistics of Sprout

Start at: 2018-03-20 11:43:37
End at: 2018-03-20 11:44:07
Local clock offset: 4.976 ms
Remote clock offset: -4.674 ms

Below is generated by plot.py at 2018-03-20 20:52:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.85 Mbit/s
95th percentile per-packet one-way delay: 1.137 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 24.85 Mbit/s
95th percentile per-packet one-way delay: 1.137 ms
Loss rate: 0.14%

Run 3: Report of Sprout — Data Link

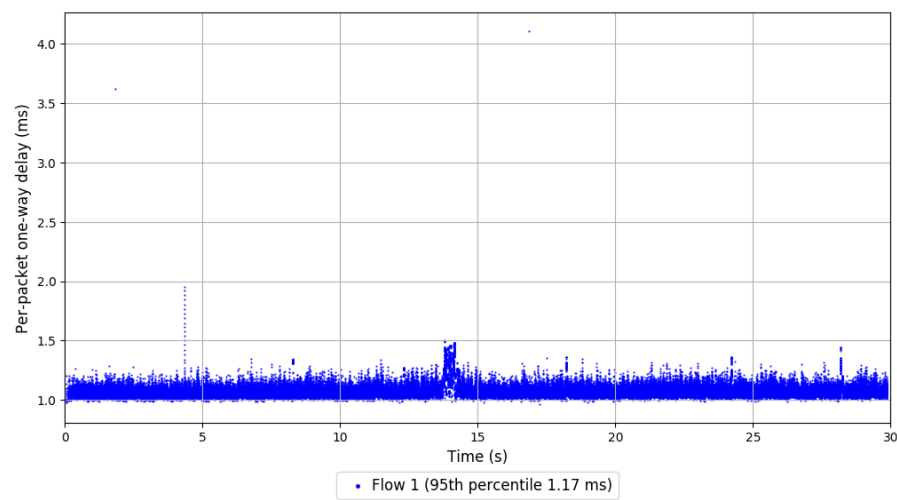
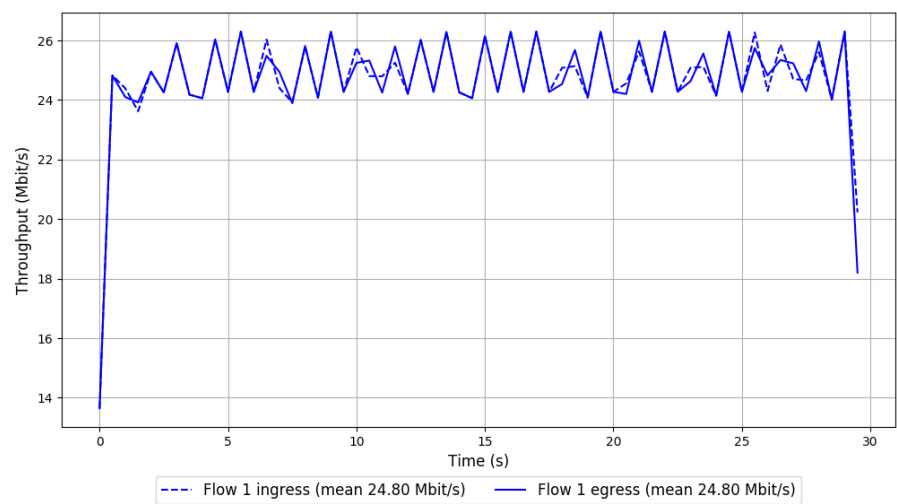


Run 4: Statistics of Sprout

Start at: 2018-03-20 12:10:51
End at: 2018-03-20 12:11:21
Local clock offset: 5.02 ms
Remote clock offset: -4.842 ms

Below is generated by plot.py at 2018-03-20 20:52:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.80 Mbit/s
95th percentile per-packet one-way delay: 1.167 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 24.80 Mbit/s
95th percentile per-packet one-way delay: 1.167 ms
Loss rate: 0.14%

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: 2018-03-20 12:38:18

End at: 2018-03-20 12:38:48

Local clock offset: 5.069 ms

Remote clock offset: -5.47 ms

Below is generated by plot.py at 2018-03-20 20:52:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.92 Mbit/s

95th percentile per-packet one-way delay: 1.097 ms

Loss rate: 0.14%

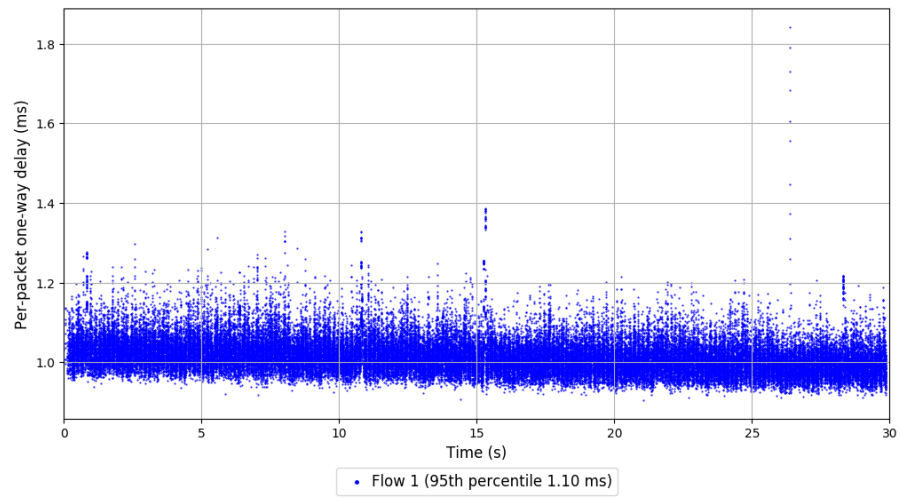
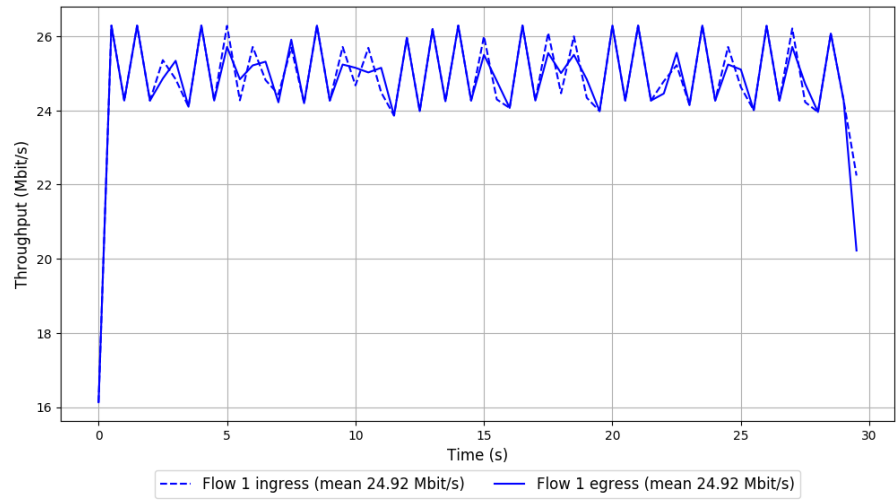
-- Flow 1:

Average throughput: 24.92 Mbit/s

95th percentile per-packet one-way delay: 1.097 ms

Loss rate: 0.14%

Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

Start at: 2018-03-20 13:05:45

End at: 2018-03-20 13:06:15

Local clock offset: 5.486 ms

Remote clock offset: -6.36 ms

Below is generated by plot.py at 2018-03-20 20:52:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.91 Mbit/s

95th percentile per-packet one-way delay: 1.050 ms

Loss rate: 0.13%

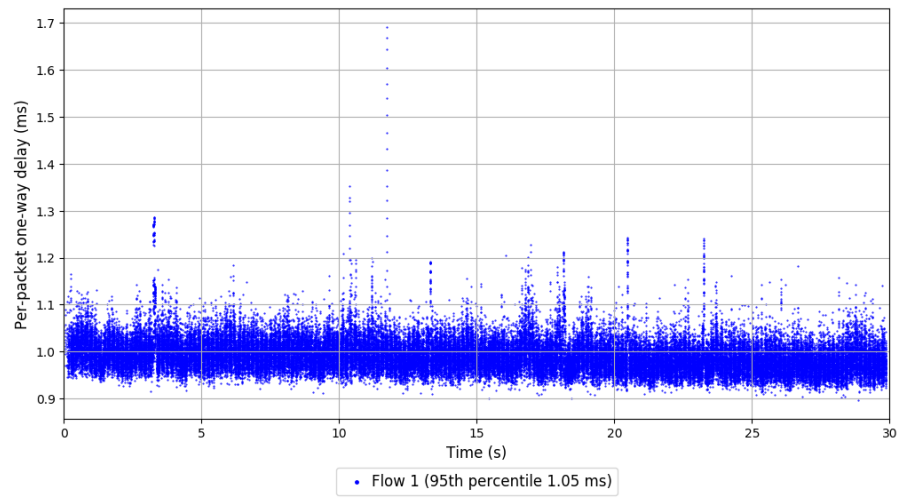
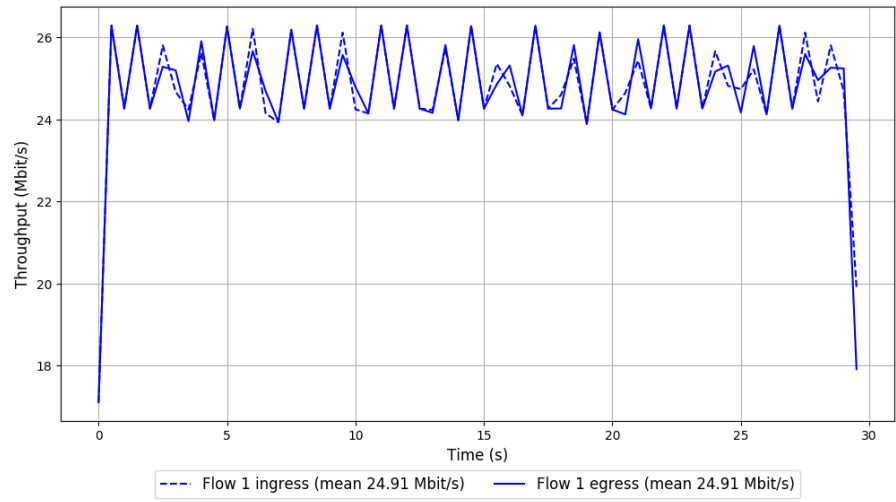
-- Flow 1:

Average throughput: 24.91 Mbit/s

95th percentile per-packet one-way delay: 1.050 ms

Loss rate: 0.13%

Run 6: Report of Sprout — Data Link

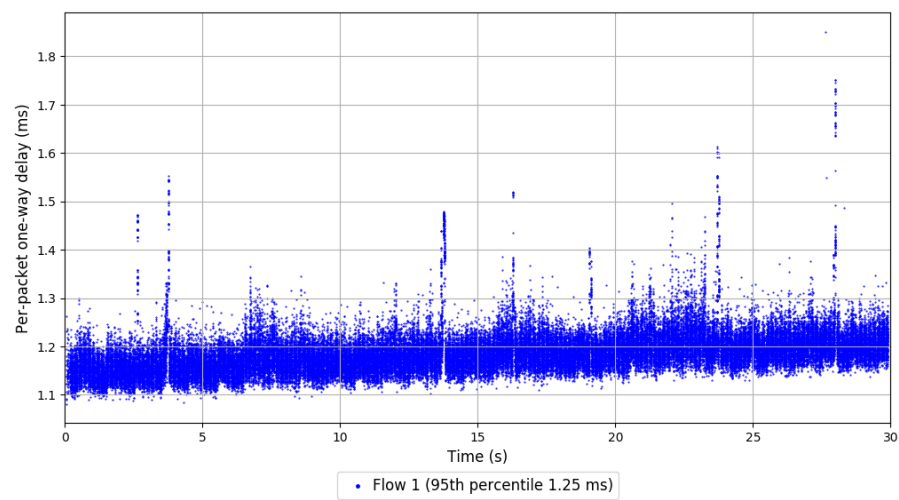
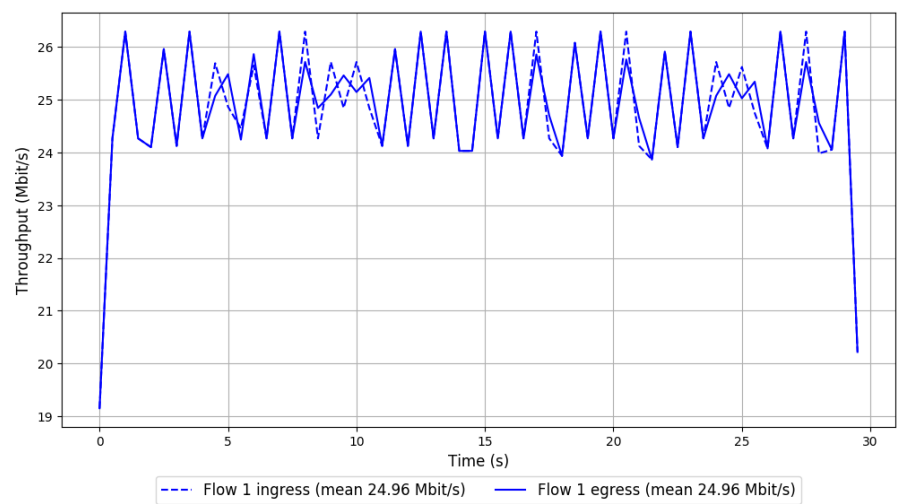


Run 7: Statistics of Sprout

Start at: 2018-03-20 13:33:14
End at: 2018-03-20 13:33:44
Local clock offset: -1.846 ms
Remote clock offset: -6.26 ms

Below is generated by plot.py at 2018-03-20 20:52:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.96 Mbit/s
95th percentile per-packet one-way delay: 1.252 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.96 Mbit/s
95th percentile per-packet one-way delay: 1.252 ms
Loss rate: 0.00%

Run 7: Report of Sprout — Data Link

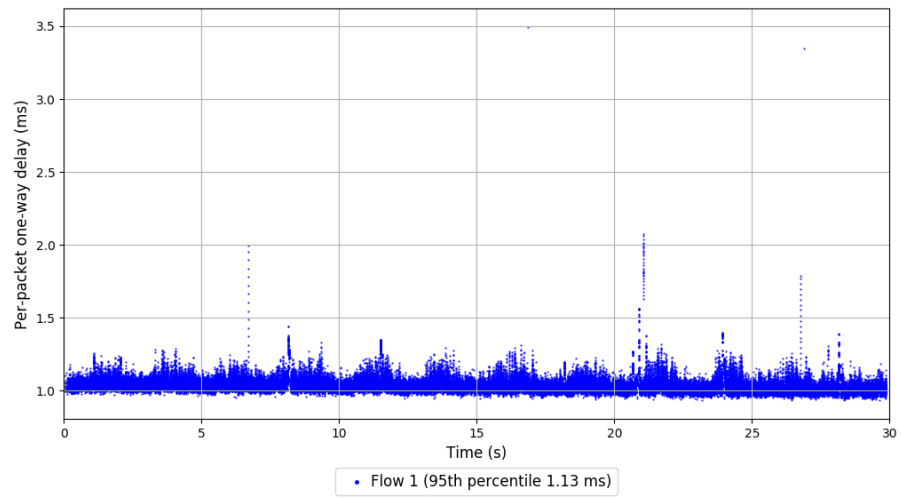
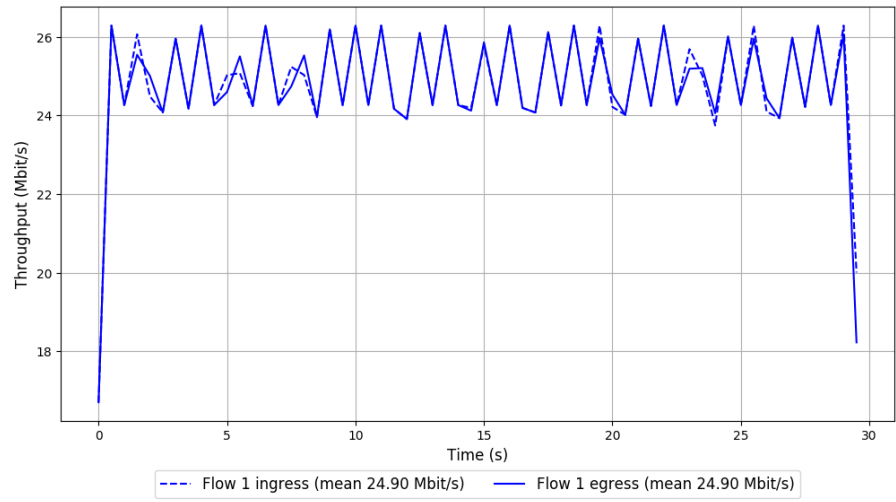


Run 8: Statistics of Sprout

Start at: 2018-03-20 14:00:39
End at: 2018-03-20 14:01:09
Local clock offset: 3.319 ms
Remote clock offset: -5.525 ms

Below is generated by plot.py at 2018-03-20 20:52:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.90 Mbit/s
95th percentile per-packet one-way delay: 1.129 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 24.90 Mbit/s
95th percentile per-packet one-way delay: 1.129 ms
Loss rate: 0.13%

Run 8: Report of Sprout — Data Link

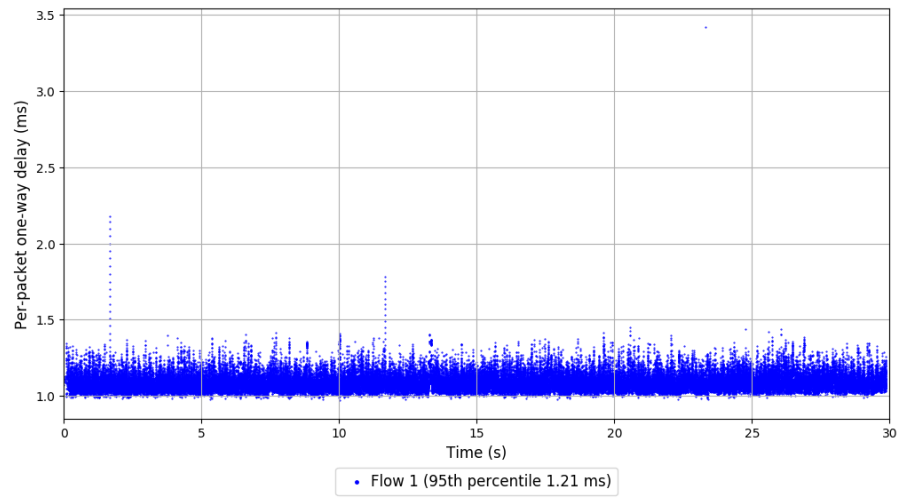
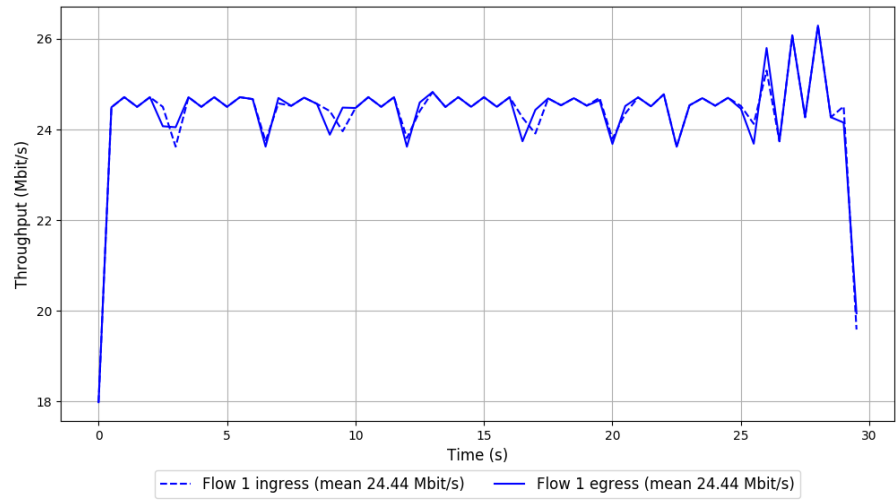


Run 9: Statistics of Sprout

Start at: 2018-03-20 14:28:10
End at: 2018-03-20 14:28:40
Local clock offset: 2.726 ms
Remote clock offset: -5.845 ms

Below is generated by plot.py at 2018-03-20 20:52:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.44 Mbit/s
95th percentile per-packet one-way delay: 1.208 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.44 Mbit/s
95th percentile per-packet one-way delay: 1.208 ms
Loss rate: 0.00%

Run 9: Report of Sprout — Data Link

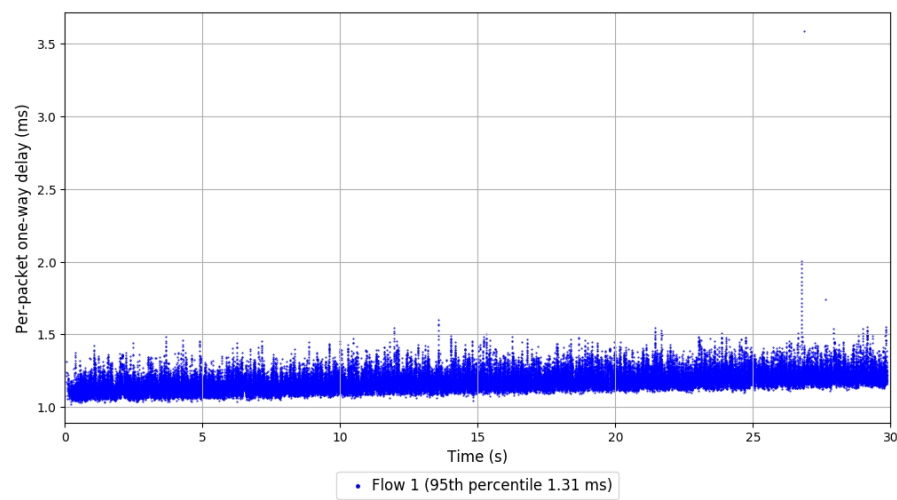
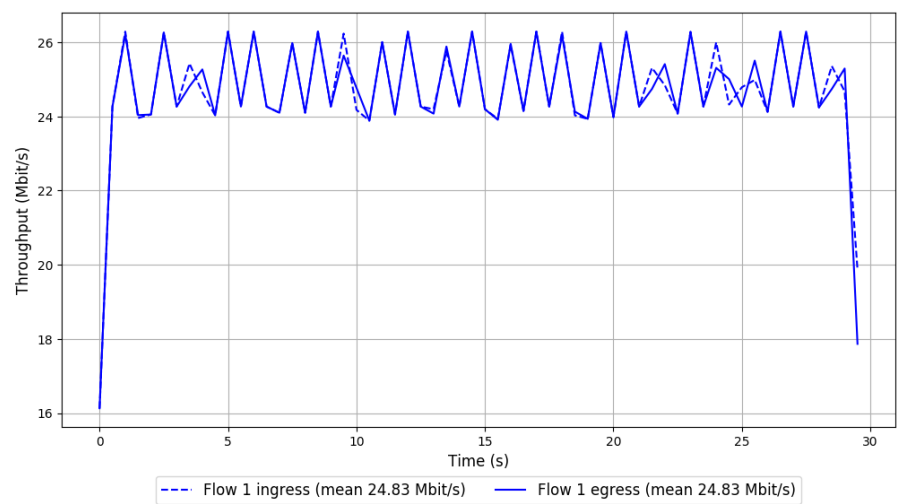


Run 10: Statistics of Sprout

Start at: 2018-03-20 14:55:35
End at: 2018-03-20 14:56:05
Local clock offset: 1.243 ms
Remote clock offset: -4.951 ms

Below is generated by plot.py at 2018-03-20 20:52:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.83 Mbit/s
95th percentile per-packet one-way delay: 1.307 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 24.83 Mbit/s
95th percentile per-packet one-way delay: 1.307 ms
Loss rate: 0.13%

Run 10: Report of Sprout — Data Link

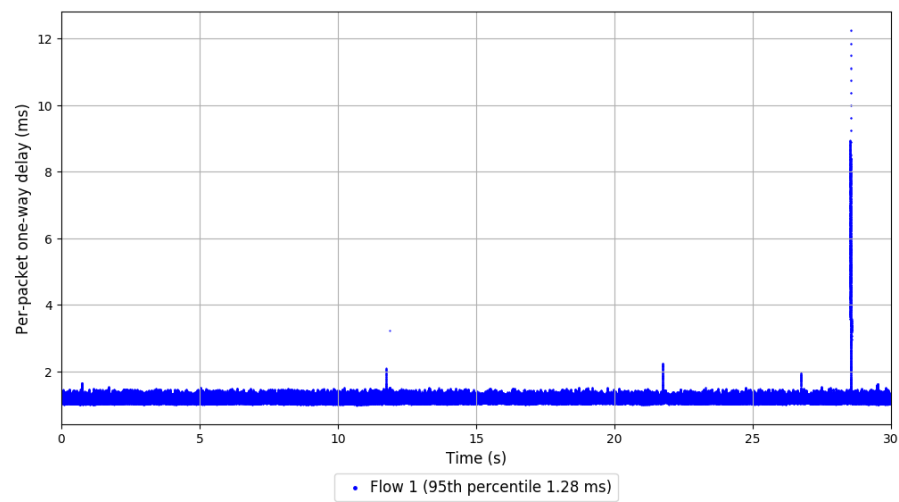
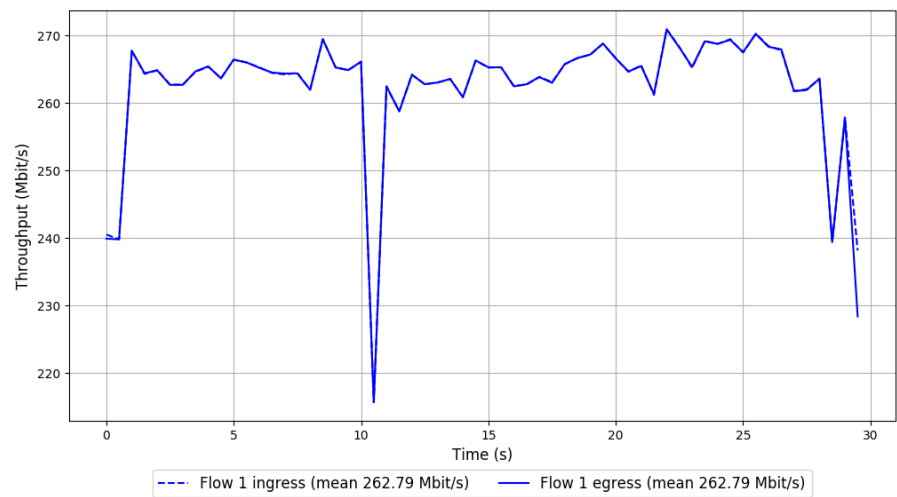


Run 1: Statistics of TaoVA-100x

Start at: 2018-03-20 10:57:50
End at: 2018-03-20 10:58:20
Local clock offset: -0.153 ms
Remote clock offset: -4.572 ms

Below is generated by plot.py at 2018-03-20 20:53:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 262.79 Mbit/s
95th percentile per-packet one-way delay: 1.277 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 262.79 Mbit/s
95th percentile per-packet one-way delay: 1.277 ms
Loss rate: 0.07%

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



Run 2: Statistics of TaoVA-100x

Start at: 2018-03-20 11:25:04

End at: 2018-03-20 11:25:34

Local clock offset: -0.961 ms

Remote clock offset: -4.547 ms

Below is generated by plot.py at 2018-03-20 20:53:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 253.07 Mbit/s

95th percentile per-packet one-way delay: 0.668 ms

Loss rate: 0.07%

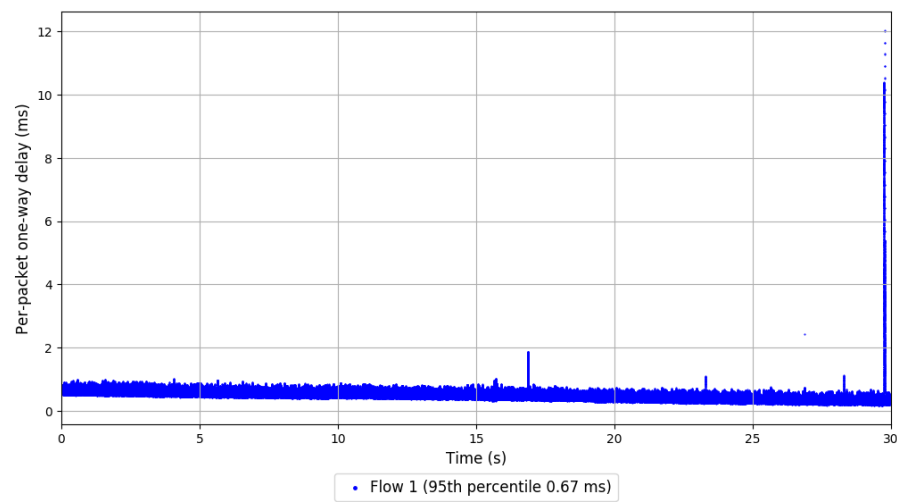
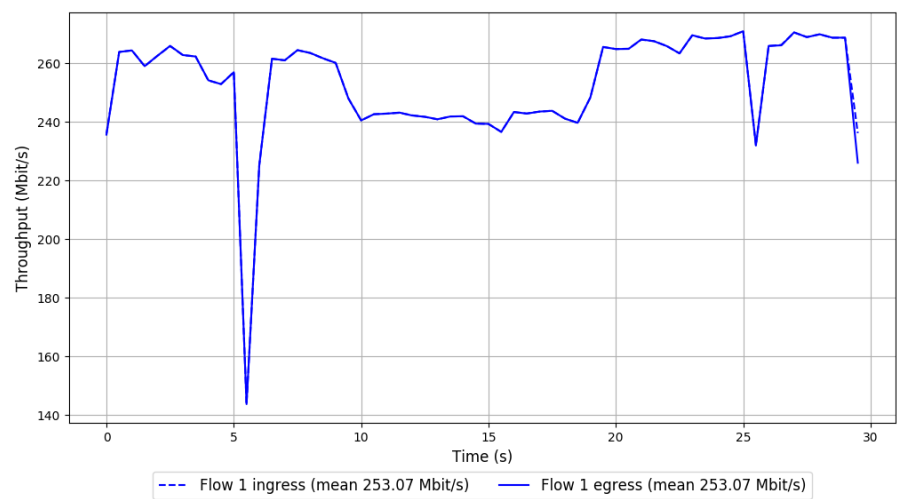
-- Flow 1:

Average throughput: 253.07 Mbit/s

95th percentile per-packet one-way delay: 0.668 ms

Loss rate: 0.07%

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



Run 3: Statistics of TaoVA-100x

Start at: 2018-03-20 11:52:17

End at: 2018-03-20 11:52:47

Local clock offset: 5.848 ms

Remote clock offset: -4.572 ms

Below is generated by plot.py at 2018-03-20 20:53:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 253.74 Mbit/s

95th percentile per-packet one-way delay: 1.104 ms

Loss rate: 0.06%

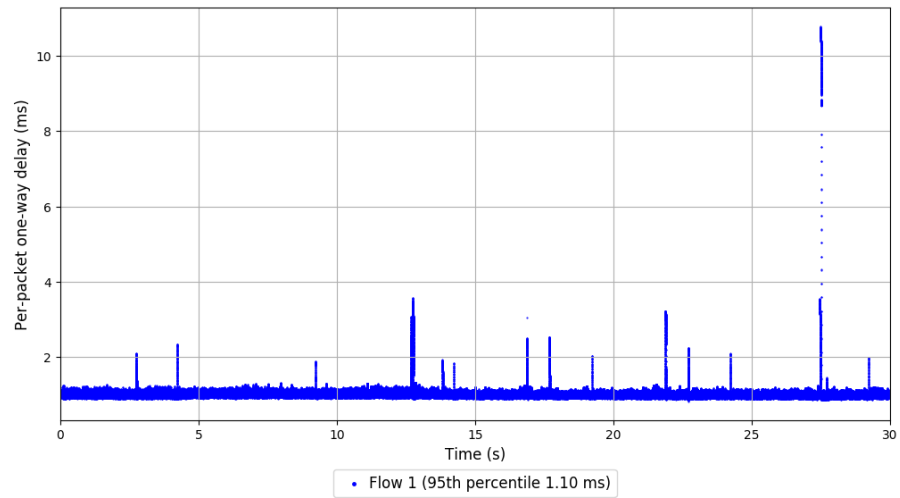
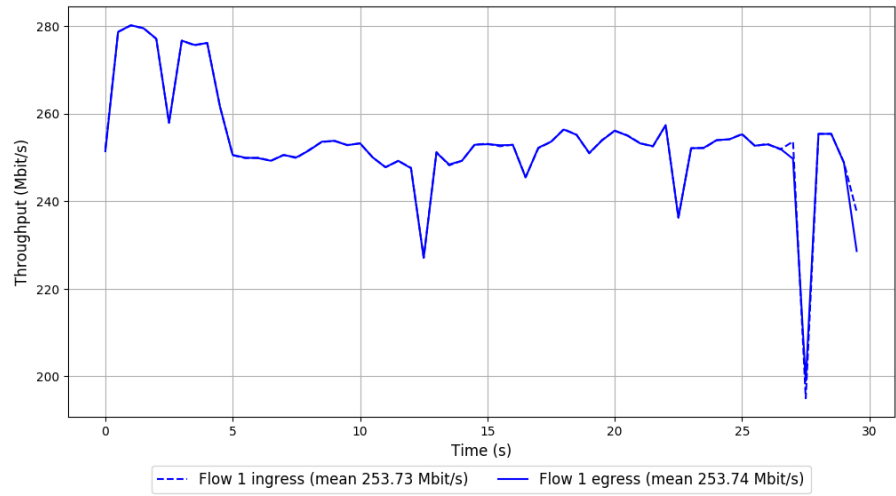
-- Flow 1:

Average throughput: 253.74 Mbit/s

95th percentile per-packet one-way delay: 1.104 ms

Loss rate: 0.06%

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



Run 4: Statistics of TaoVA-100x

Start at: 2018-03-20 12:19:35

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

Local clock offset: 4.871 ms

Remote clock offset: -5.001 ms

Below is generated by plot.py at 2018-03-20 20:53:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 268.02 Mbit/s

95th percentile per-packet one-way delay: 1.197 ms

Loss rate: 0.07%

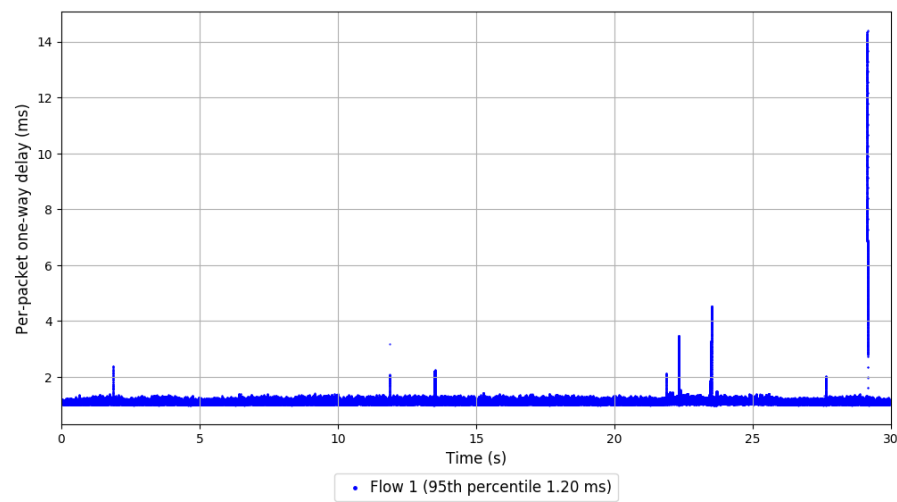
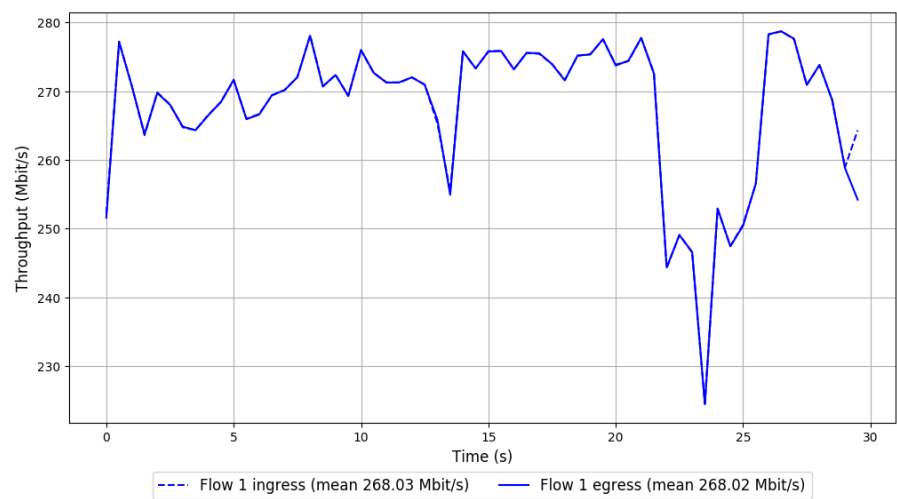
-- Flow 1:

Average throughput: 268.02 Mbit/s

95th percentile per-packet one-way delay: 1.197 ms

Loss rate: 0.07%

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



Run 5: Statistics of TaoVA-100x

Start at: 2018-03-20 12:47:06

End at: 2018-03-20 12:47:36

Local clock offset: 5.187 ms

Remote clock offset: -5.913 ms

Below is generated by plot.py at 2018-03-20 20:53:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 258.66 Mbit/s

95th percentile per-packet one-way delay: 1.144 ms

Loss rate: 0.06%

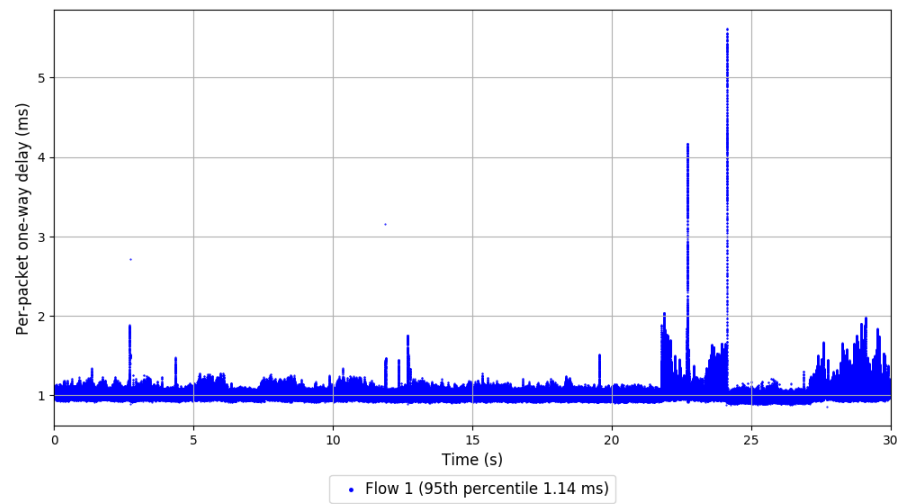
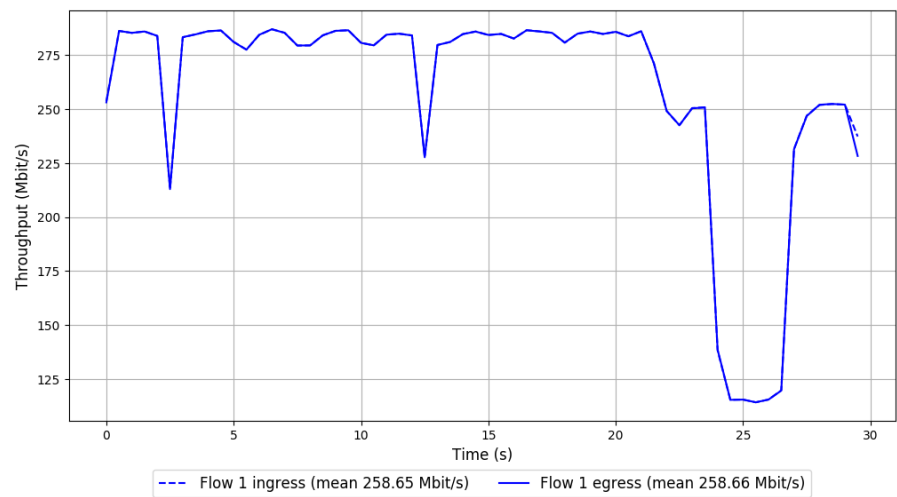
-- Flow 1:

Average throughput: 258.66 Mbit/s

95th percentile per-packet one-way delay: 1.144 ms

Loss rate: 0.06%

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



Run 6: Statistics of TaoVA-100x

Start at: 2018-03-20 13:14:32

End at: 2018-03-20 13:15:02

Local clock offset: 2.024 ms

Remote clock offset: -6.139 ms

Below is generated by plot.py at 2018-03-20 20:53:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 250.35 Mbit/s

95th percentile per-packet one-way delay: 2.092 ms

Loss rate: 0.07%

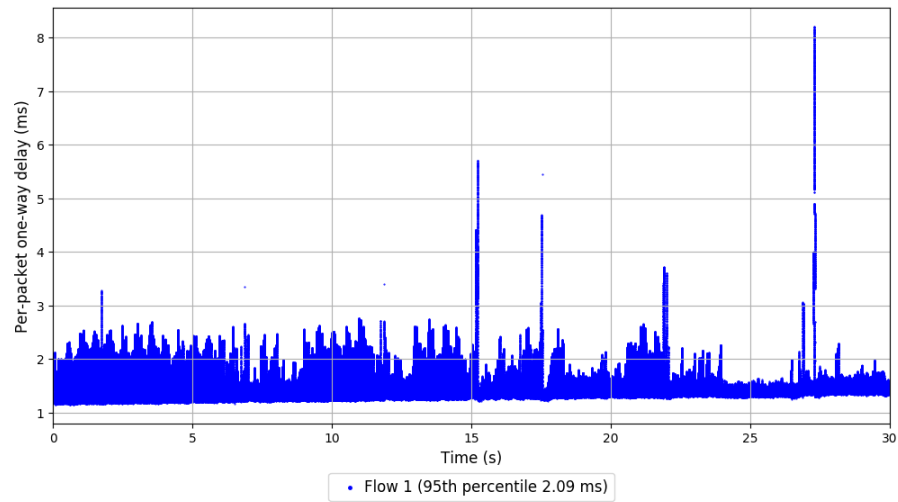
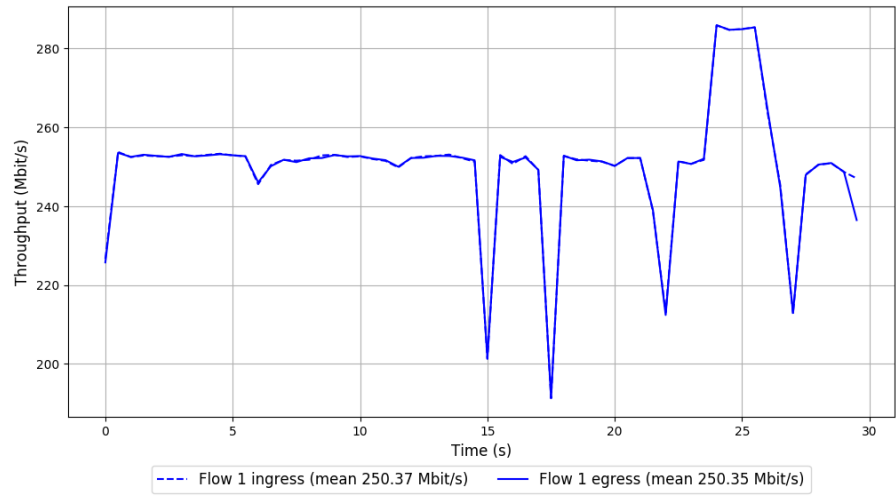
-- Flow 1:

Average throughput: 250.35 Mbit/s

95th percentile per-packet one-way delay: 2.092 ms

Loss rate: 0.07%

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

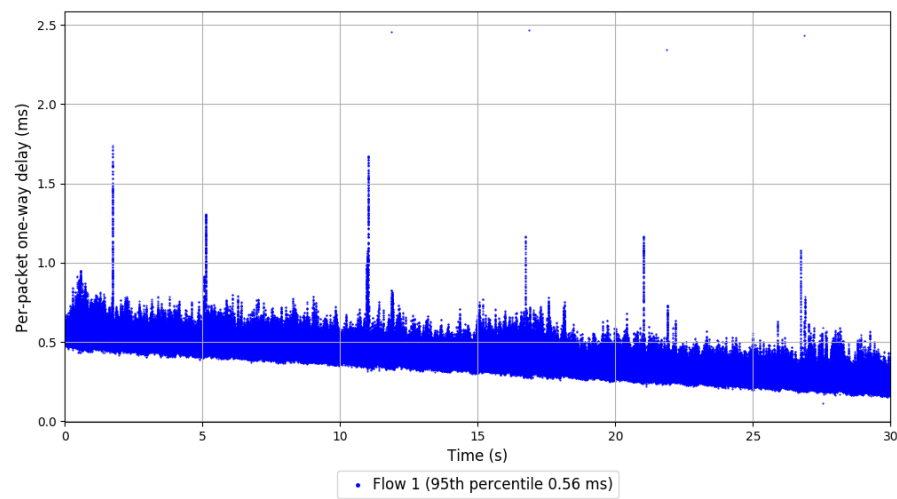
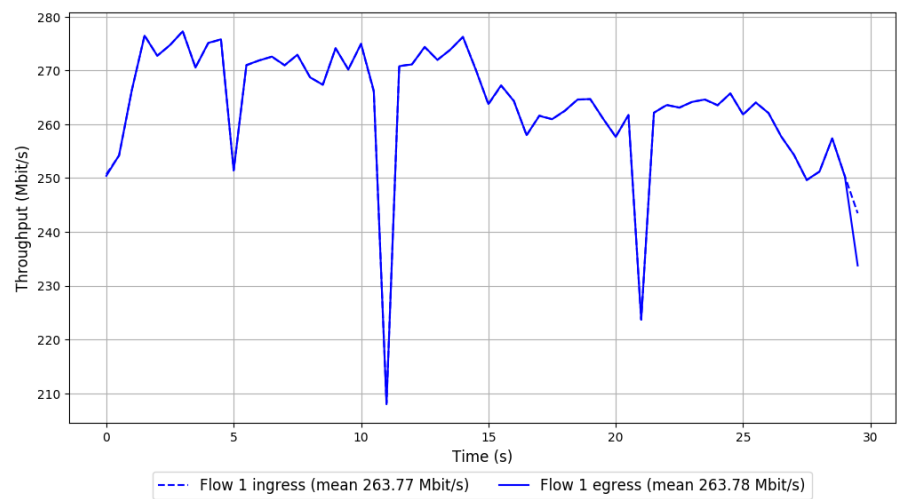


Run 7: Statistics of TaoVA-100x

Start at: 2018-03-20 13:42:07
End at: 2018-03-20 13:42:37
Local clock offset: -2.358 ms
Remote clock offset: -6.166 ms

Below is generated by plot.py at 2018-03-20 20:58:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 263.78 Mbit/s
95th percentile per-packet one-way delay: 0.562 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 263.78 Mbit/s
95th percentile per-packet one-way delay: 0.562 ms
Loss rate: 0.06%

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



Run 8: Statistics of TaoVA-100x

Start at: 2018-03-20 14:09:25

End at: 2018-03-20 14:09:55

Local clock offset: 3.775 ms

Remote clock offset: -5.488 ms

Below is generated by plot.py at 2018-03-20 20:59:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 269.60 Mbit/s

95th percentile per-packet one-way delay: 1.154 ms

Loss rate: 0.07%

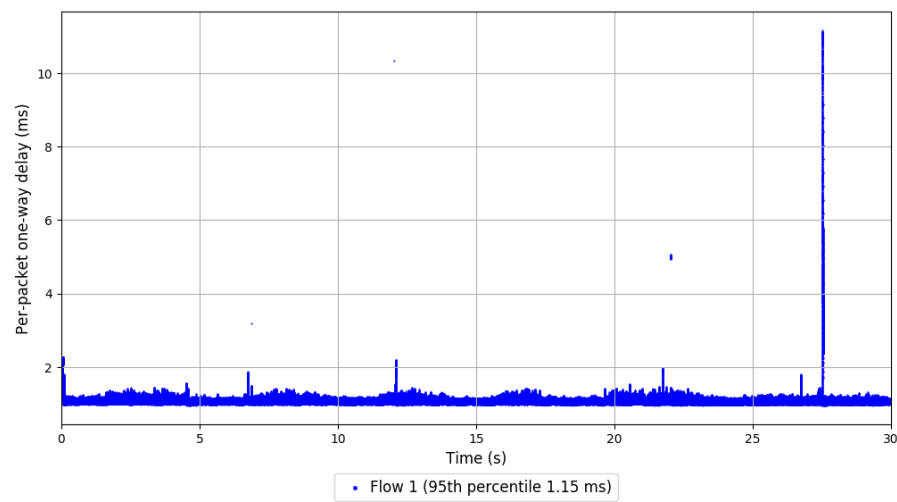
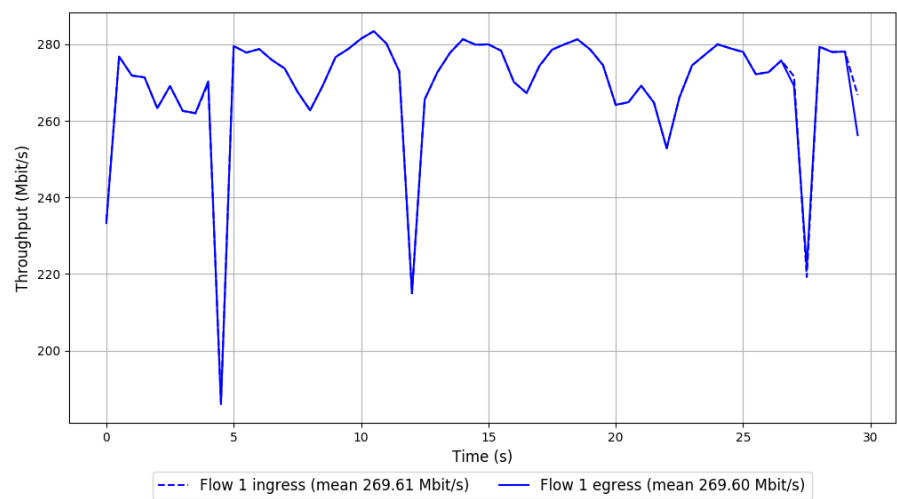
-- Flow 1:

Average throughput: 269.60 Mbit/s

95th percentile per-packet one-way delay: 1.154 ms

Loss rate: 0.07%

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



Run 9: Statistics of TaoVA-100x

Start at: 2018-03-20 14:37:01

End at: 2018-03-20 14:37:31

Local clock offset: 2.405 ms

Remote clock offset: -6.07 ms

Below is generated by plot.py at 2018-03-20 20:59:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 254.86 Mbit/s

95th percentile per-packet one-way delay: 1.260 ms

Loss rate: 0.07%

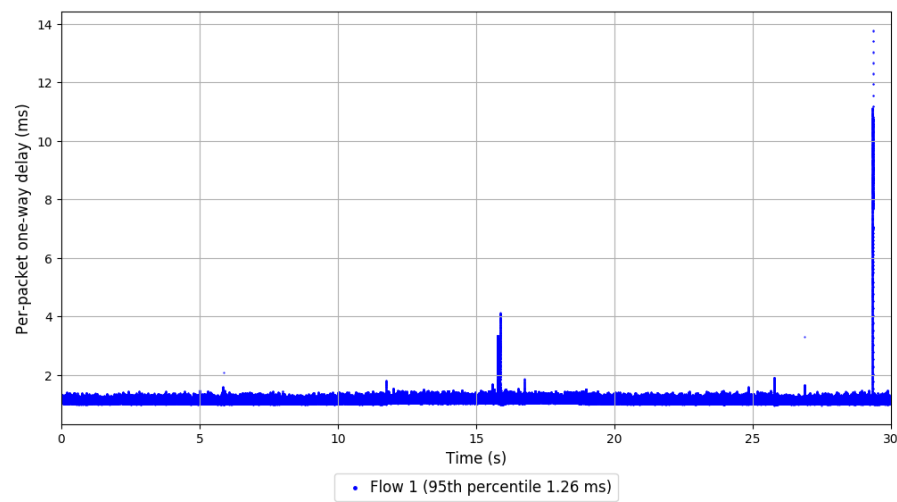
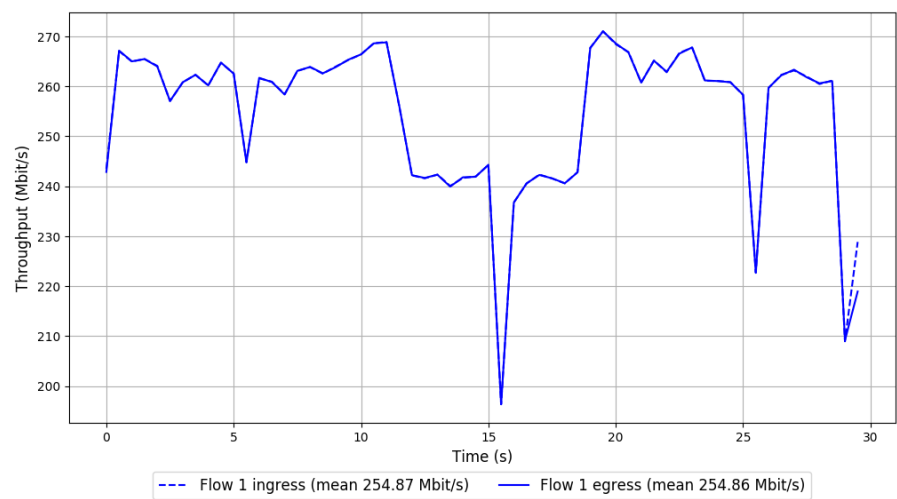
-- Flow 1:

Average throughput: 254.86 Mbit/s

95th percentile per-packet one-way delay: 1.260 ms

Loss rate: 0.07%

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



Run 10: Statistics of TaoVA-100x

Start at: 2018-03-20 15:04:28

End at: 2018-03-20 15:04:58

Local clock offset: 0.512 ms

Remote clock offset: -4.352 ms

Below is generated by plot.py at 2018-03-20 21:00:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 269.16 Mbit/s

95th percentile per-packet one-way delay: 1.305 ms

Loss rate: 0.06%

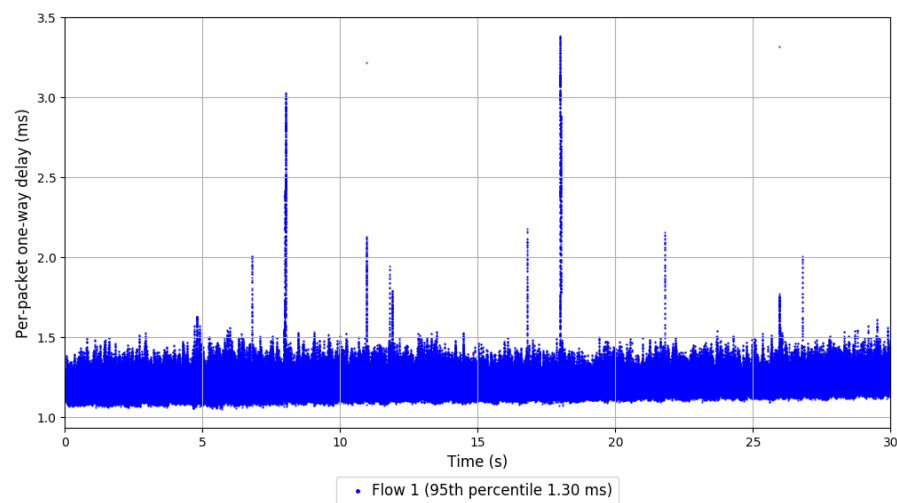
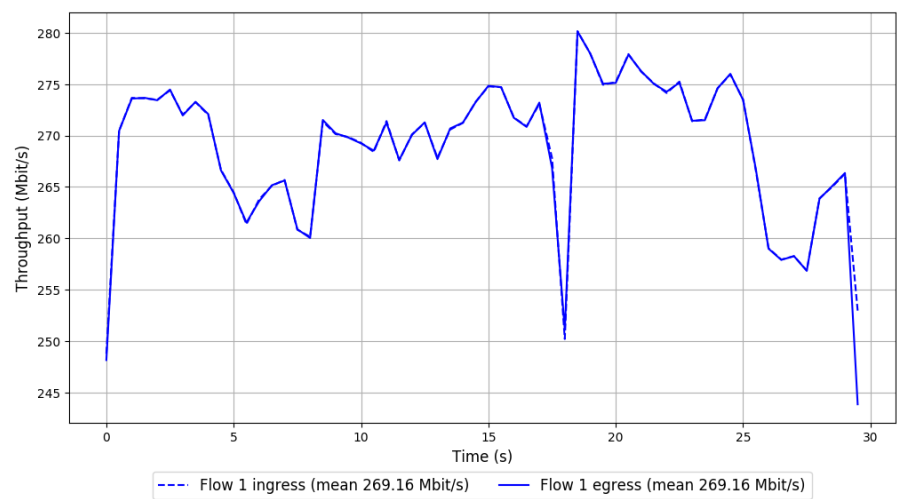
-- Flow 1:

Average throughput: 269.16 Mbit/s

95th percentile per-packet one-way delay: 1.305 ms

Loss rate: 0.06%

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

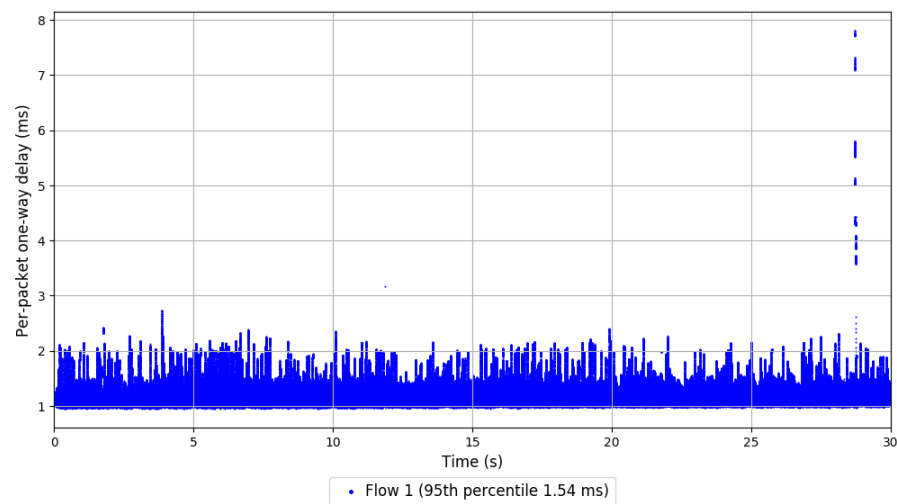
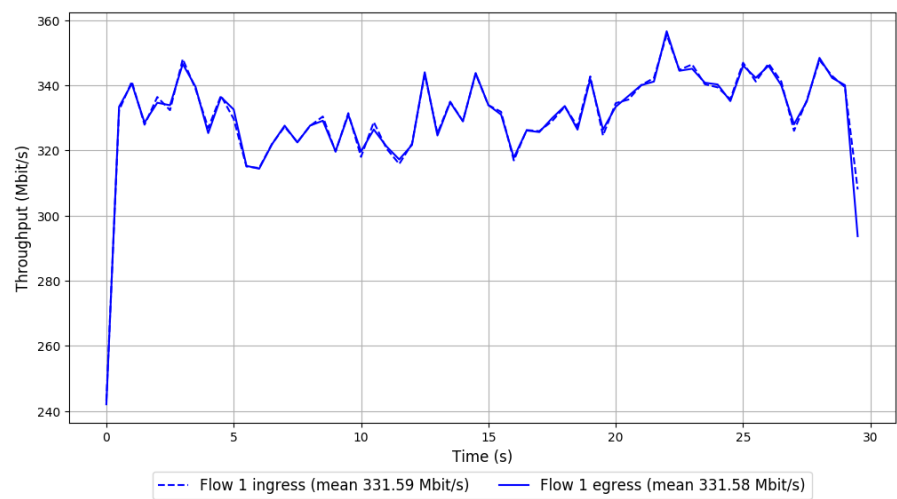


Run 1: Statistics of TCP Vegas

Start at: 2018-03-20 10:45:48
End at: 2018-03-20 10:46:18
Local clock offset: 0.285 ms
Remote clock offset: -4.048 ms

Below is generated by plot.py at 2018-03-20 21:00:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 331.58 Mbit/s
95th percentile per-packet one-way delay: 1.538 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 331.58 Mbit/s
95th percentile per-packet one-way delay: 1.538 ms
Loss rate: 0.07%

Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: 2018-03-20 11:13:09

End at: 2018-03-20 11:13:39

Local clock offset: -0.659 ms

Remote clock offset: -4.59 ms

Below is generated by plot.py at 2018-03-20 21:00:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 262.34 Mbit/s

95th percentile per-packet one-way delay: 2.161 ms

Loss rate: 0.05%

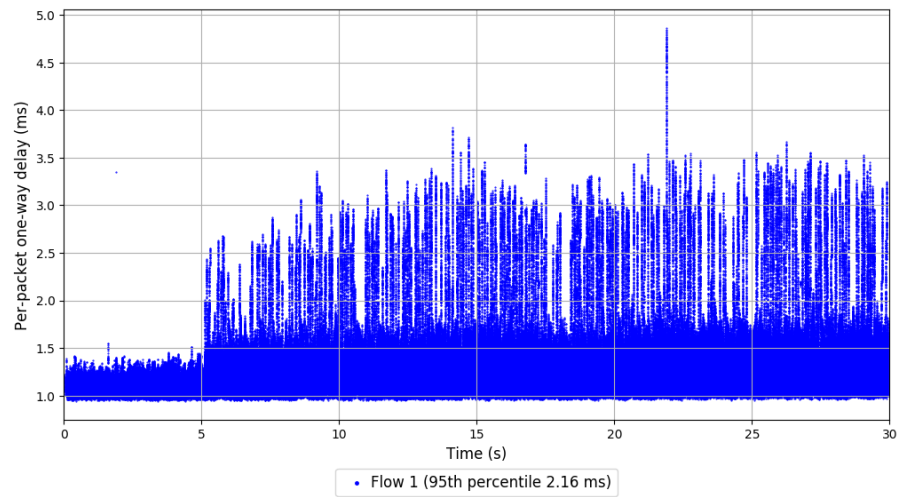
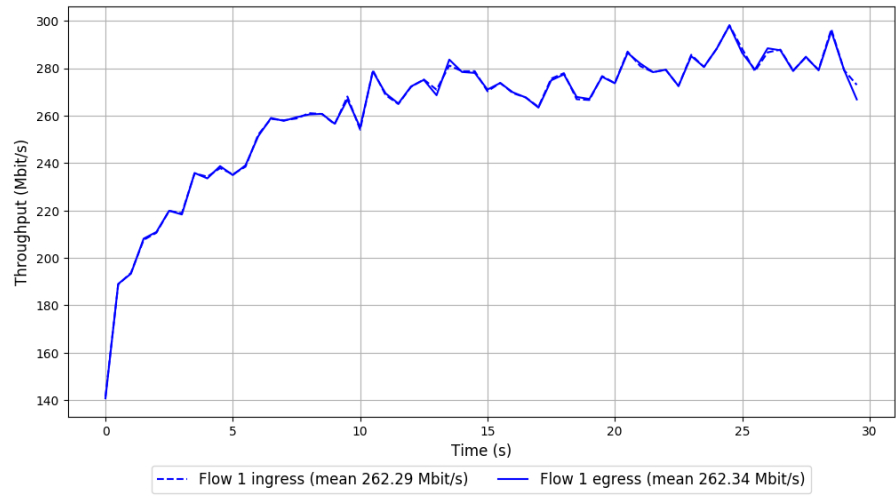
-- Flow 1:

Average throughput: 262.34 Mbit/s

95th percentile per-packet one-way delay: 2.161 ms

Loss rate: 0.05%

Run 2: Report of TCP Vegas — Data Link

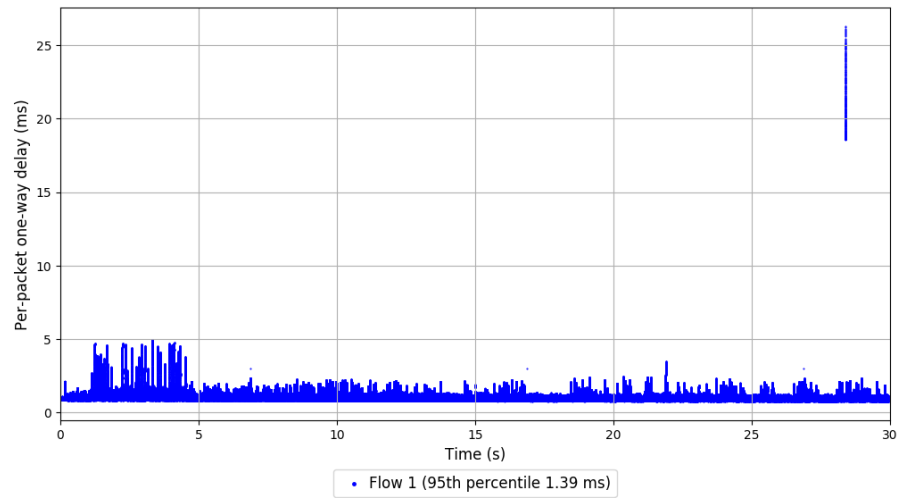
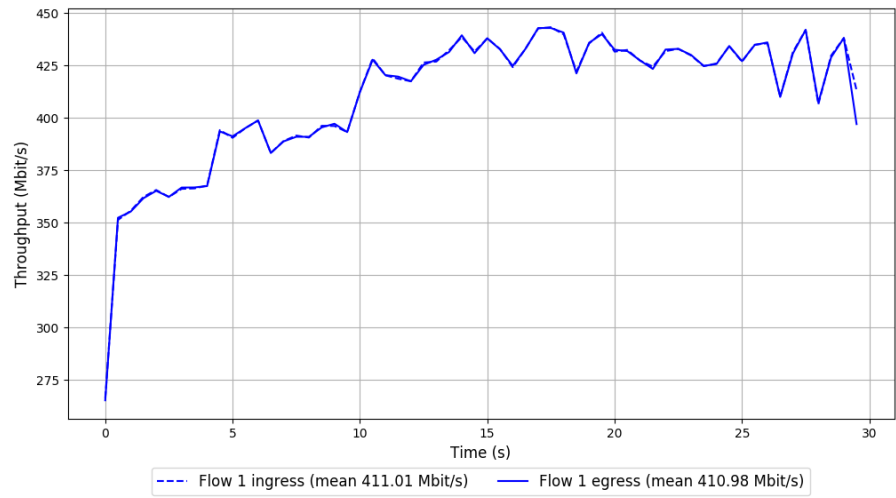


Run 3: Statistics of TCP Vegas

Start at: 2018-03-20 11:40:27
End at: 2018-03-20 11:40:57
Local clock offset: 4.497 ms
Remote clock offset: -4.581 ms

Below is generated by plot.py at 2018-03-20 21:00:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 410.98 Mbit/s
95th percentile per-packet one-way delay: 1.392 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 410.98 Mbit/s
95th percentile per-packet one-way delay: 1.392 ms
Loss rate: 0.07%

Run 3: Report of TCP Vegas — Data Link

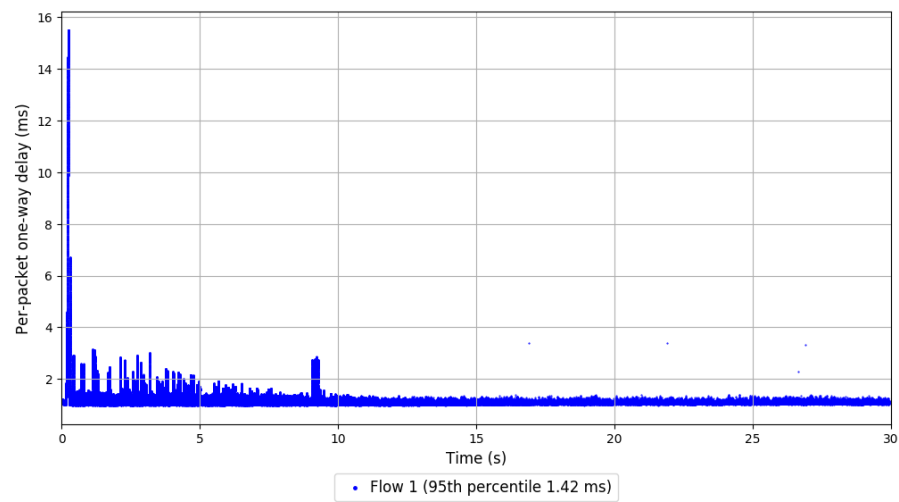
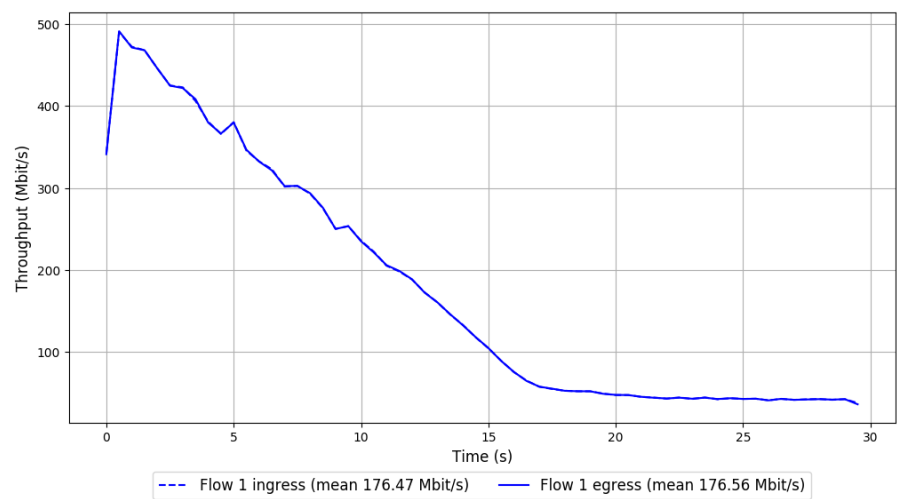


Run 4: Statistics of TCP Vegas

Start at: 2018-03-20 12:07:50
End at: 2018-03-20 12:08:20
Local clock offset: 5.163 ms
Remote clock offset: -4.771 ms

Below is generated by plot.py at 2018-03-20 21:00:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 176.56 Mbit/s
95th percentile per-packet one-way delay: 1.422 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 176.56 Mbit/s
95th percentile per-packet one-way delay: 1.422 ms
Loss rate: 0.02%

Run 4: Report of TCP Vegas — Data Link

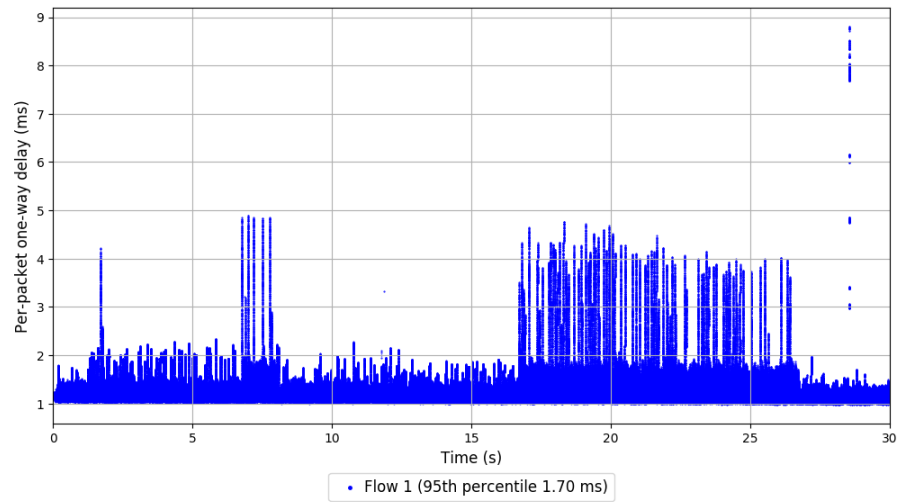
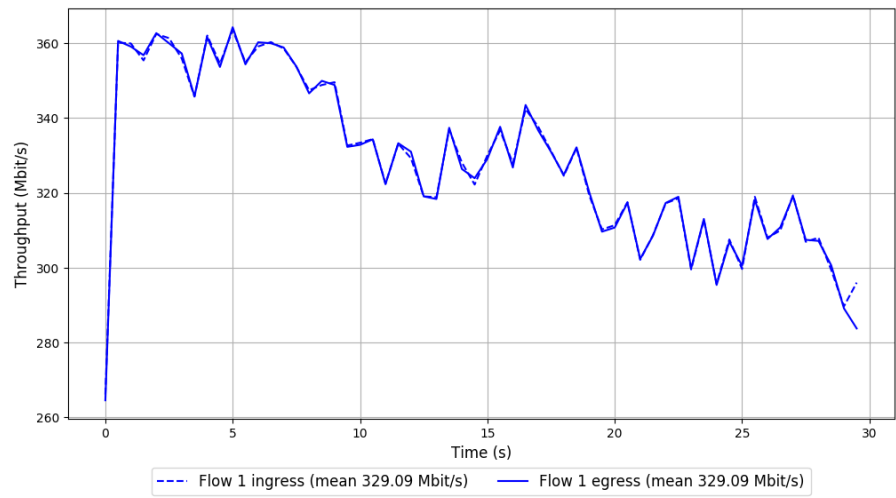


Run 5: Statistics of TCP Vegas

Start at: 2018-03-20 12:35:13
End at: 2018-03-20 12:35:43
Local clock offset: 5.073 ms
Remote clock offset: -5.293 ms

Below is generated by plot.py at 2018-03-20 21:00:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 329.09 Mbit/s
95th percentile per-packet one-way delay: 1.695 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 329.09 Mbit/s
95th percentile per-packet one-way delay: 1.695 ms
Loss rate: 0.06%

Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: 2018-03-20 13:02:44

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

Local clock offset: 5.507 ms

Remote clock offset: -6.292 ms

Below is generated by plot.py at 2018-03-20 21:00:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 190.57 Mbit/s

95th percentile per-packet one-way delay: 1.835 ms

Loss rate: 0.02%

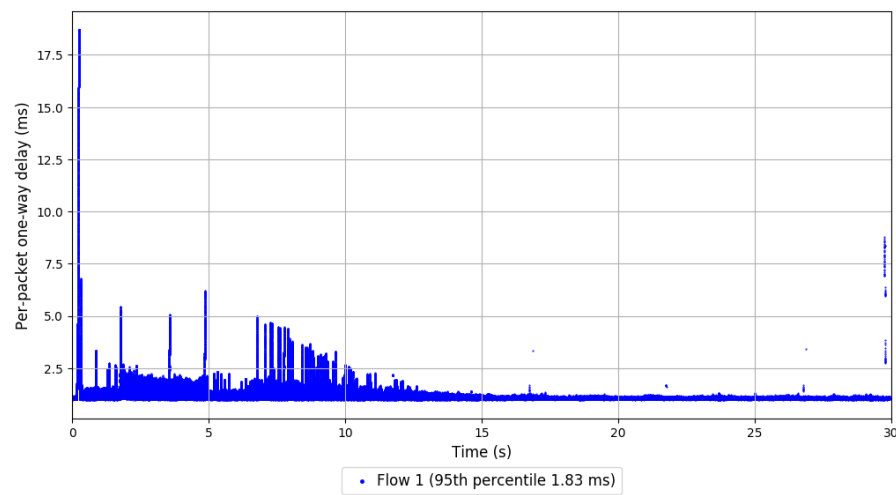
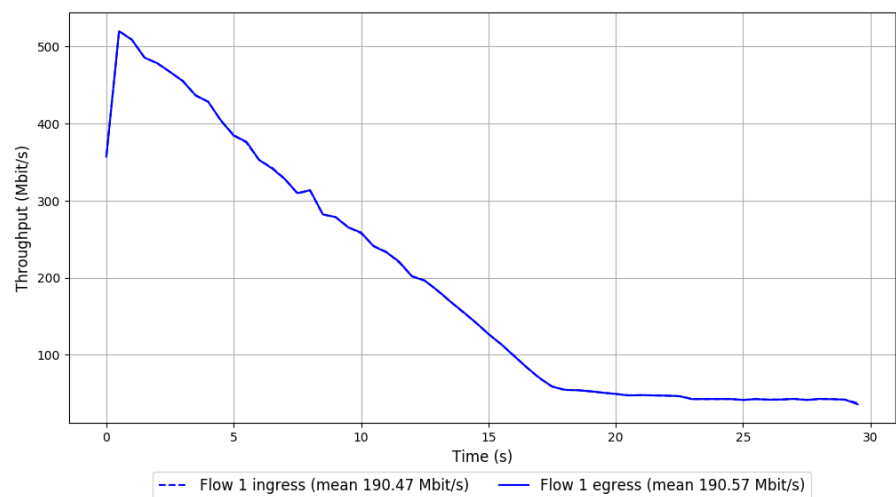
-- Flow 1:

Average throughput: 190.57 Mbit/s

95th percentile per-packet one-way delay: 1.835 ms

Loss rate: 0.02%

Run 6: Report of TCP Vegas — Data Link

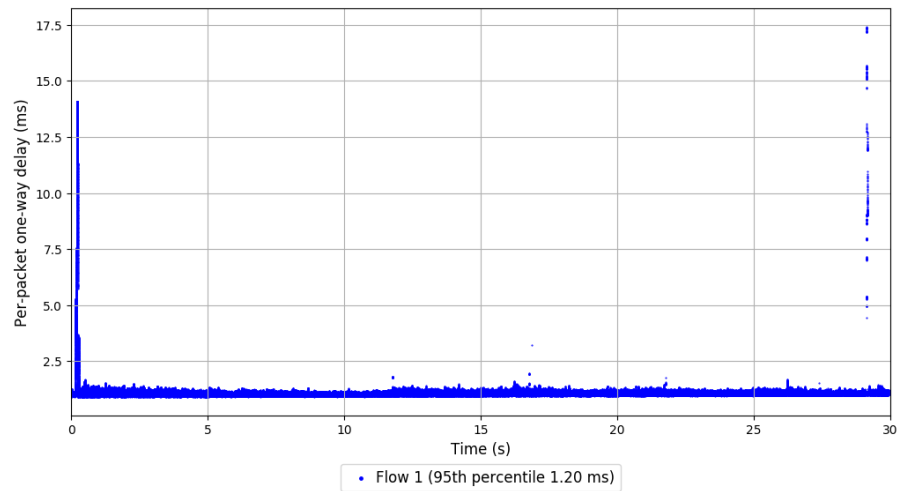
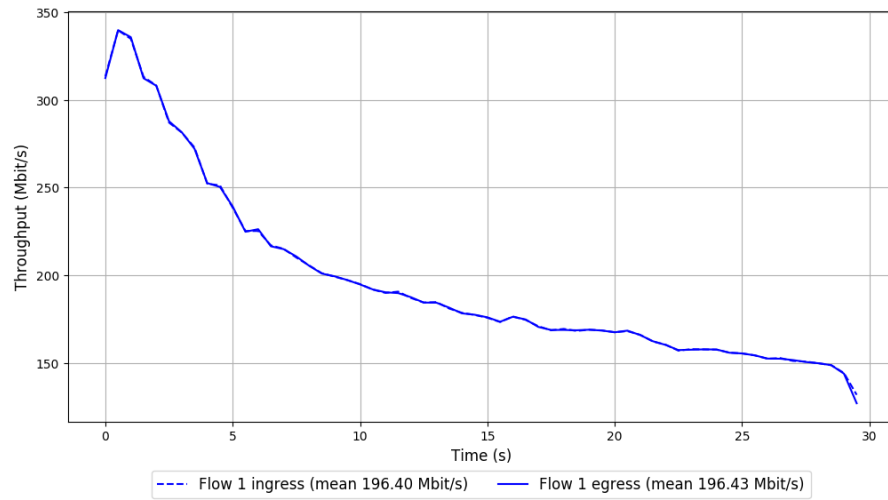


Run 7: Statistics of TCP Vegas

Start at: 2018-03-20 13:30:11
End at: 2018-03-20 13:30:41
Local clock offset: -1.52 ms
Remote clock offset: -6.153 ms

Below is generated by plot.py at 2018-03-20 21:00:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 196.43 Mbit/s
95th percentile per-packet one-way delay: 1.202 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 196.43 Mbit/s
95th percentile per-packet one-way delay: 1.202 ms
Loss rate: 0.05%

Run 7: Report of TCP Vegas — Data Link

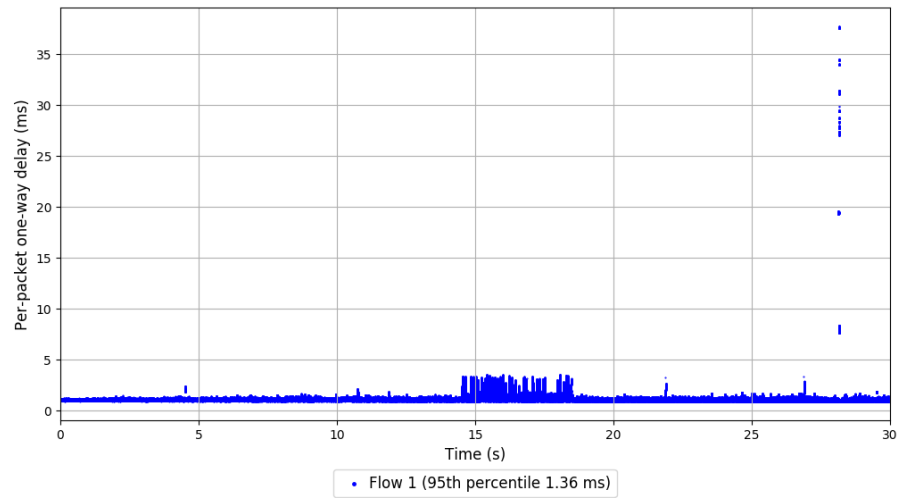
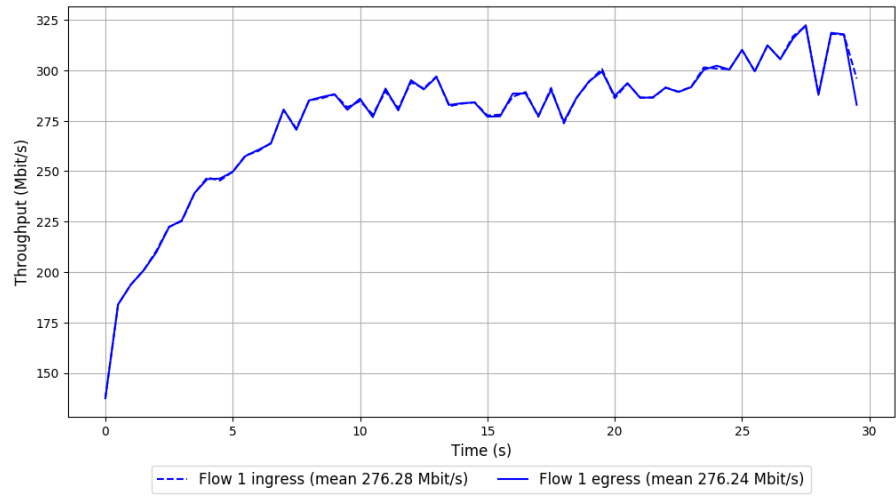


Run 8: Statistics of TCP Vegas

Start at: 2018-03-20 13:57:34
End at: 2018-03-20 13:58:04
Local clock offset: 2.97 ms
Remote clock offset: -5.563 ms

Below is generated by plot.py at 2018-03-20 21:02:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 276.24 Mbit/s
95th percentile per-packet one-way delay: 1.359 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 276.24 Mbit/s
95th percentile per-packet one-way delay: 1.359 ms
Loss rate: 0.08%

Run 8: Report of TCP Vegas — Data Link



Run 9: Statistics of TCP Vegas

Start at: 2018-03-20 14:25:04

End at: 2018-03-20 14:25:34

Local clock offset: 2.9 ms

Remote clock offset: -5.867 ms

Below is generated by plot.py at 2018-03-20 21:03:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 297.99 Mbit/s

95th percentile per-packet one-way delay: 1.405 ms

Loss rate: 0.08%

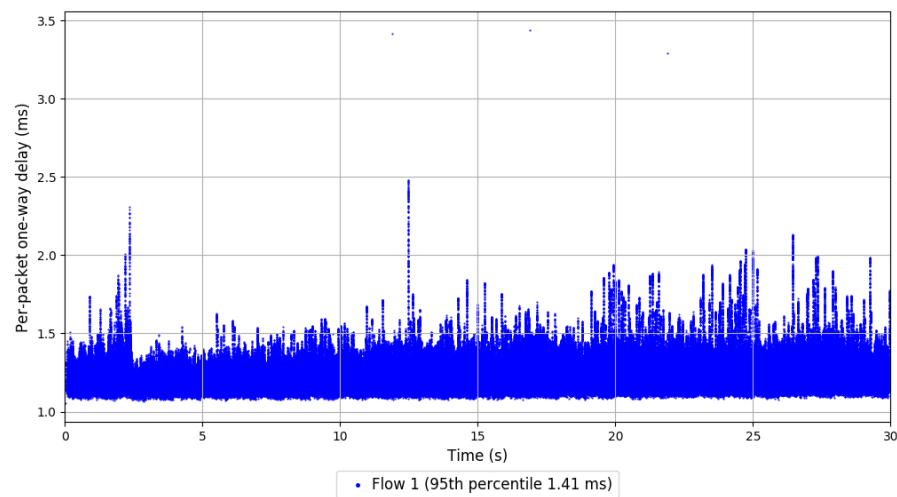
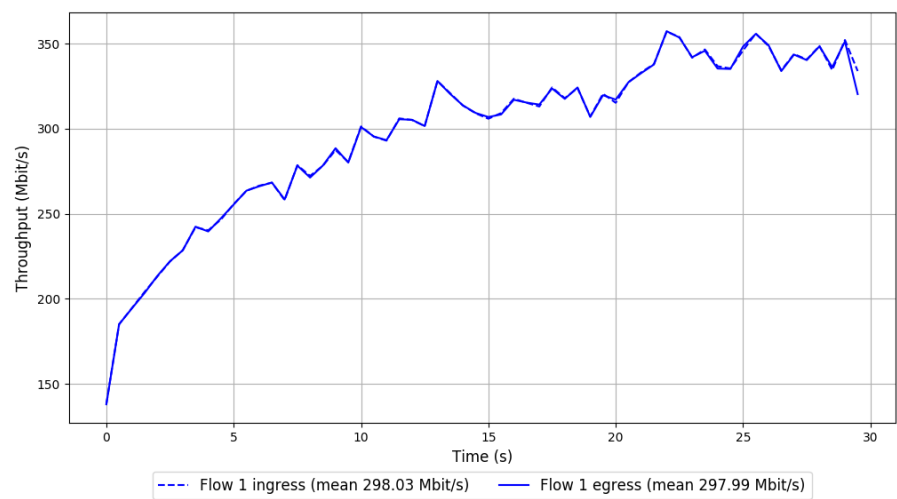
-- Flow 1:

Average throughput: 297.99 Mbit/s

95th percentile per-packet one-way delay: 1.405 ms

Loss rate: 0.08%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: 2018-03-20 14:52:29

End at: 2018-03-20 14:52:59

Local clock offset: 1.641 ms

Remote clock offset: -5.519 ms

Below is generated by plot.py at 2018-03-20 21:03:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 270.27 Mbit/s

95th percentile per-packet one-way delay: 1.629 ms

Loss rate: 0.08%

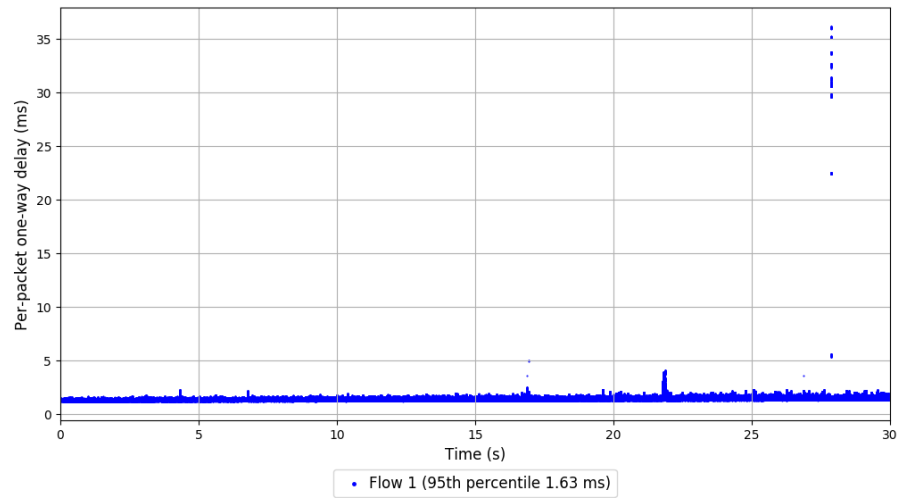
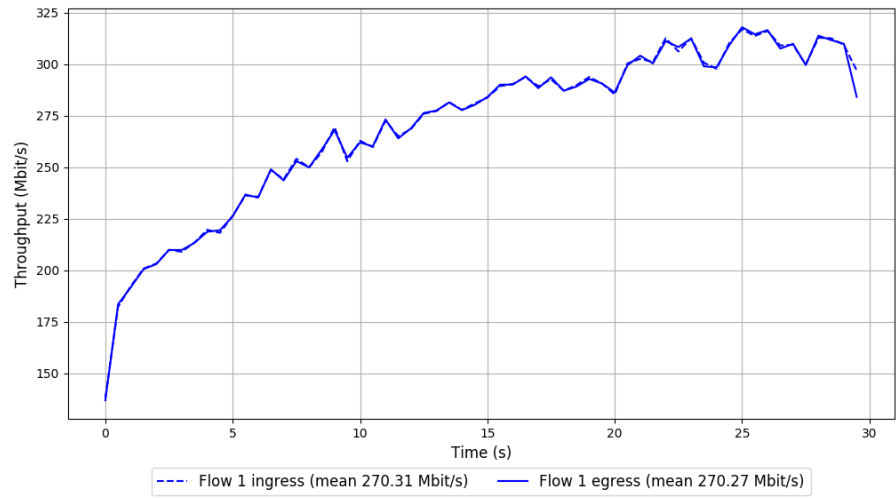
-- Flow 1:

Average throughput: 270.27 Mbit/s

95th percentile per-packet one-way delay: 1.629 ms

Loss rate: 0.08%

Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: 2018-03-20 11:05:27

End at: 2018-03-20 11:05:57

Local clock offset: -0.416 ms

Remote clock offset: -4.7 ms

Below is generated by plot.py at 2018-03-20 21:04:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 304.26 Mbit/s

95th percentile per-packet one-way delay: 20.259 ms

Loss rate: 0.10%

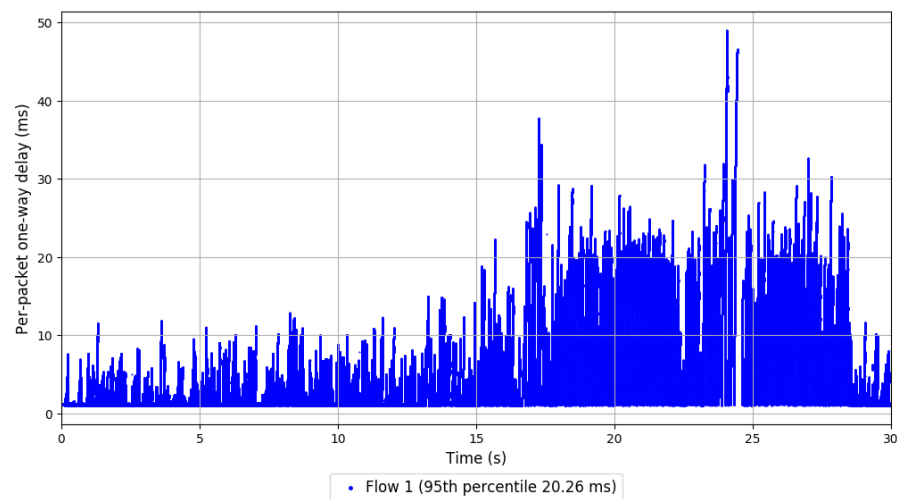
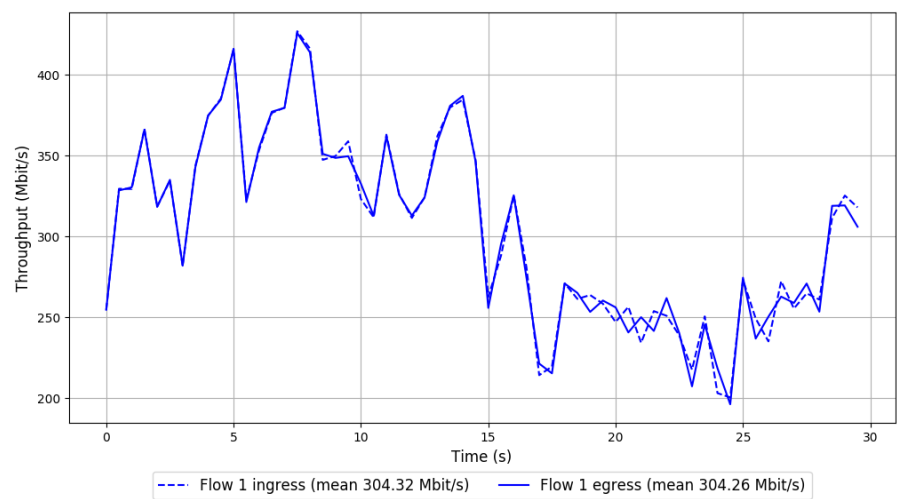
-- Flow 1:

Average throughput: 304.26 Mbit/s

95th percentile per-packet one-way delay: 20.259 ms

Loss rate: 0.10%

Run 1: Report of Verus — Data Link

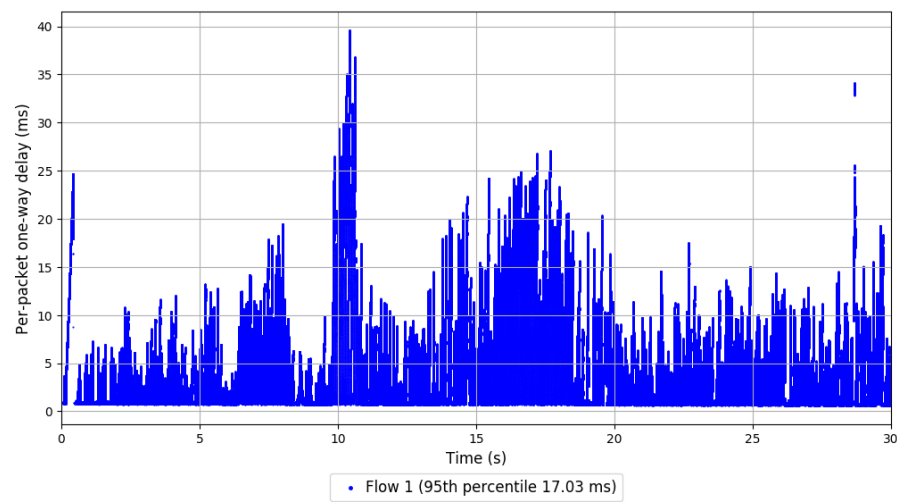
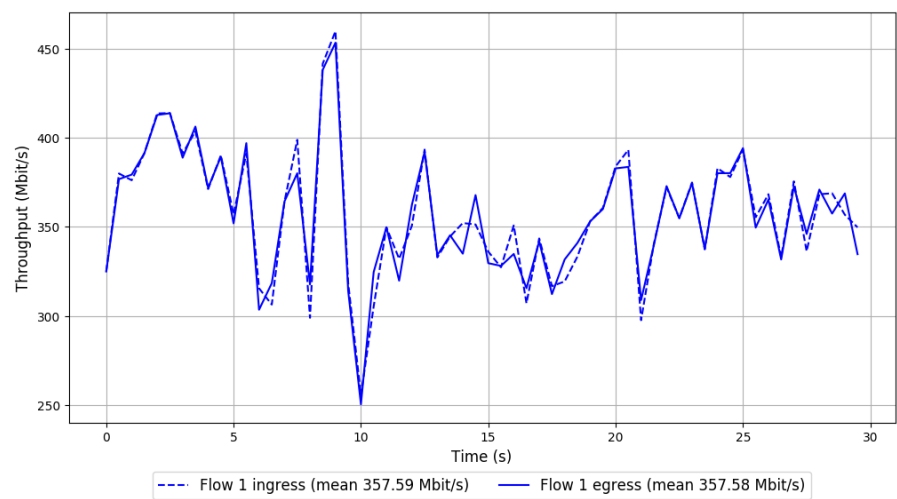


Run 2: Statistics of Verus

Start at: 2018-03-20 11:32:44
End at: 2018-03-20 11:33:14
Local clock offset: 2.796 ms
Remote clock offset: -4.585 ms

Below is generated by plot.py at 2018-03-20 21:05:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 357.58 Mbit/s
95th percentile per-packet one-way delay: 17.026 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 357.58 Mbit/s
95th percentile per-packet one-way delay: 17.026 ms
Loss rate: 0.07%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: 2018-03-20 12:00:05

End at: 2018-03-20 12:00:35

Local clock offset: 6.144 ms

Remote clock offset: -4.65 ms

Below is generated by plot.py at 2018-03-20 21:05:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 312.50 Mbit/s

95th percentile per-packet one-way delay: 22.573 ms

Loss rate: 0.08%

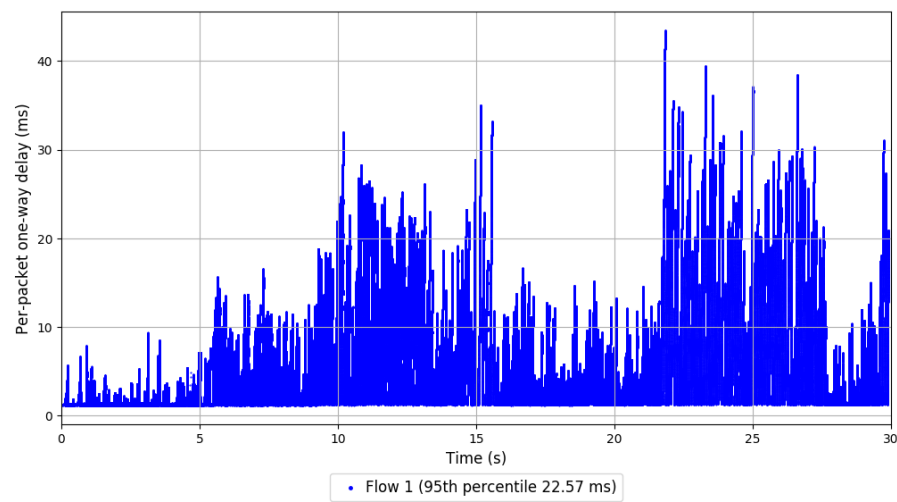
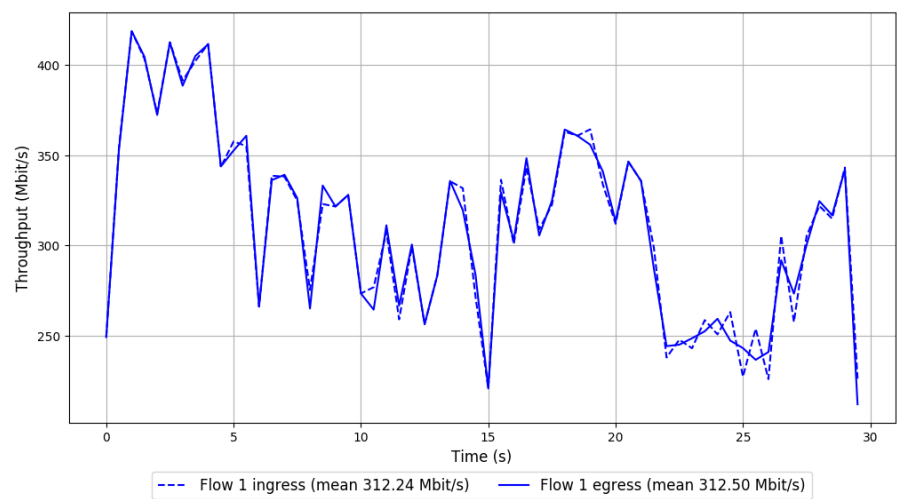
-- Flow 1:

Average throughput: 312.50 Mbit/s

95th percentile per-packet one-way delay: 22.573 ms

Loss rate: 0.08%

Run 3: Report of Verus — Data Link

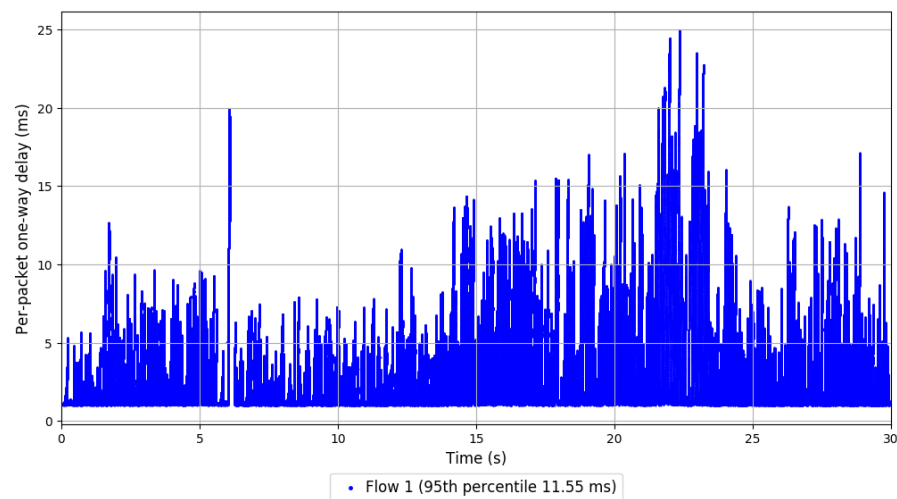
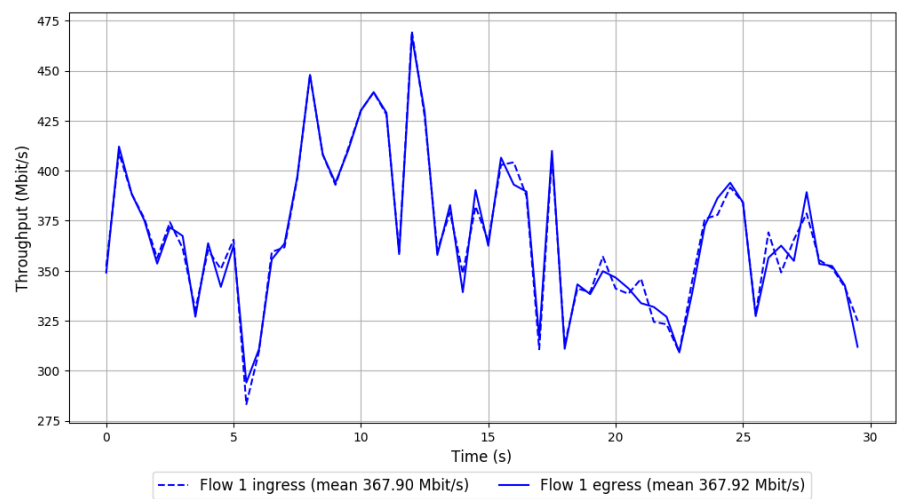


Run 4: Statistics of Verus

Start at: 2018-03-20 12:27:21
End at: 2018-03-20 12:27:51
Local clock offset: 4.957 ms
Remote clock offset: -5.019 ms

Below is generated by plot.py at 2018-03-20 21:05:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 367.92 Mbit/s
95th percentile per-packet one-way delay: 11.546 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 367.92 Mbit/s
95th percentile per-packet one-way delay: 11.546 ms
Loss rate: 0.06%

Run 4: Report of Verus — Data Link

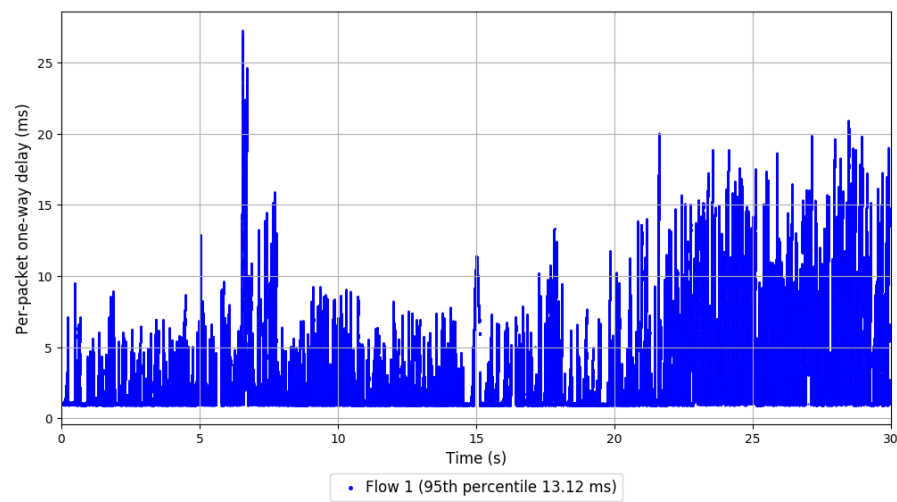
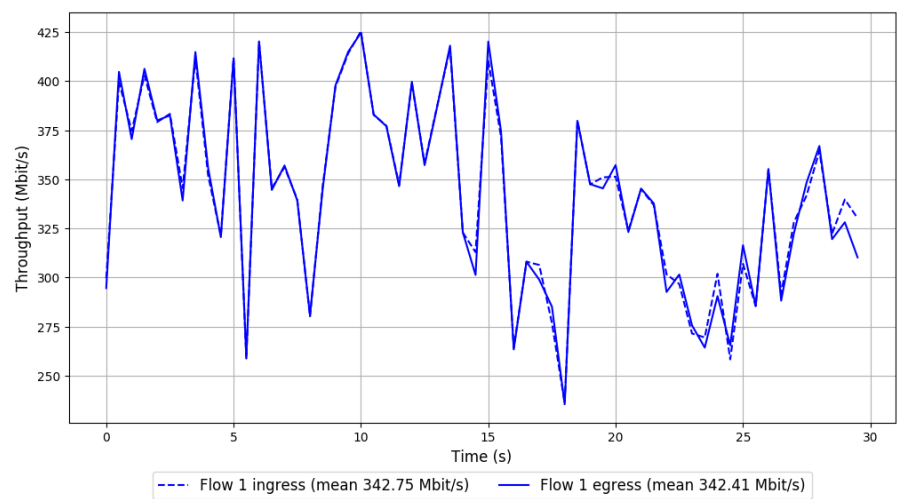


Run 5: Statistics of Verus

Start at: 2018-03-20 12:54:53
End at: 2018-03-20 12:55:23
Local clock offset: 5.336 ms
Remote clock offset: -6.104 ms

Below is generated by plot.py at 2018-03-20 21:05:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 342.41 Mbit/s
95th percentile per-packet one-way delay: 13.125 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 342.41 Mbit/s
95th percentile per-packet one-way delay: 13.125 ms
Loss rate: 0.17%

Run 5: Report of Verus — Data Link

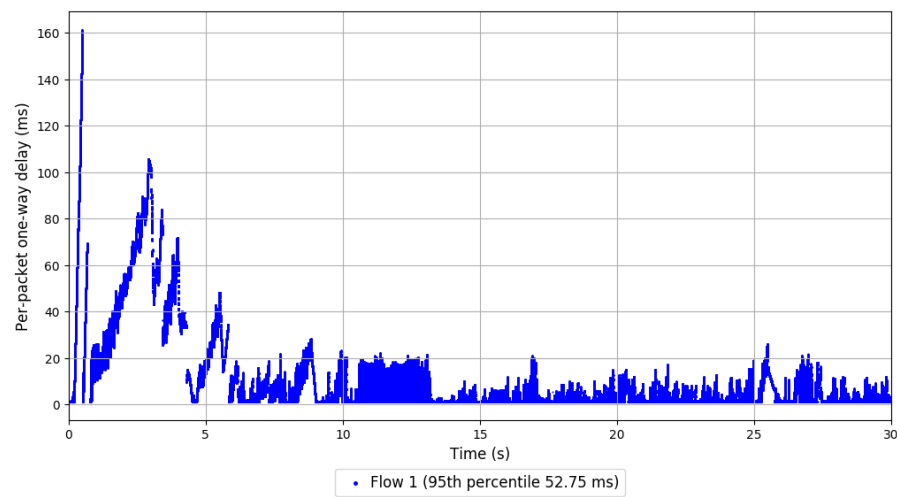
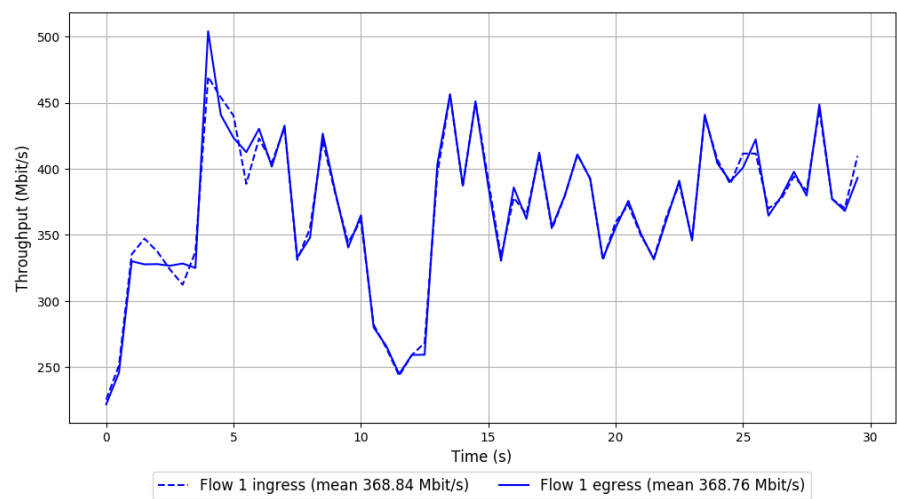


Run 6: Statistics of Verus

Start at: 2018-03-20 13:22:20
End at: 2018-03-20 13:22:50
Local clock offset: -0.102 ms
Remote clock offset: -6.195 ms

Below is generated by plot.py at 2018-03-20 21:07:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 368.76 Mbit/s
95th percentile per-packet one-way delay: 52.752 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 368.76 Mbit/s
95th percentile per-packet one-way delay: 52.752 ms
Loss rate: 0.09%

Run 6: Report of Verus — Data Link

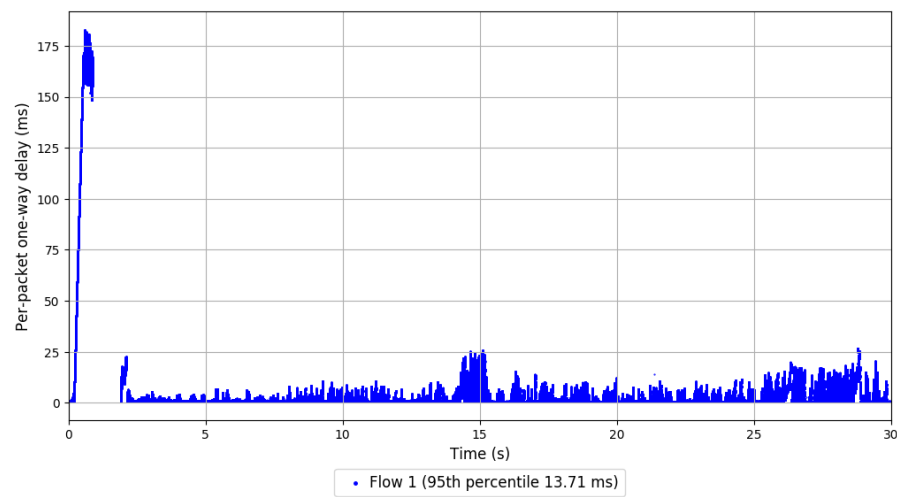
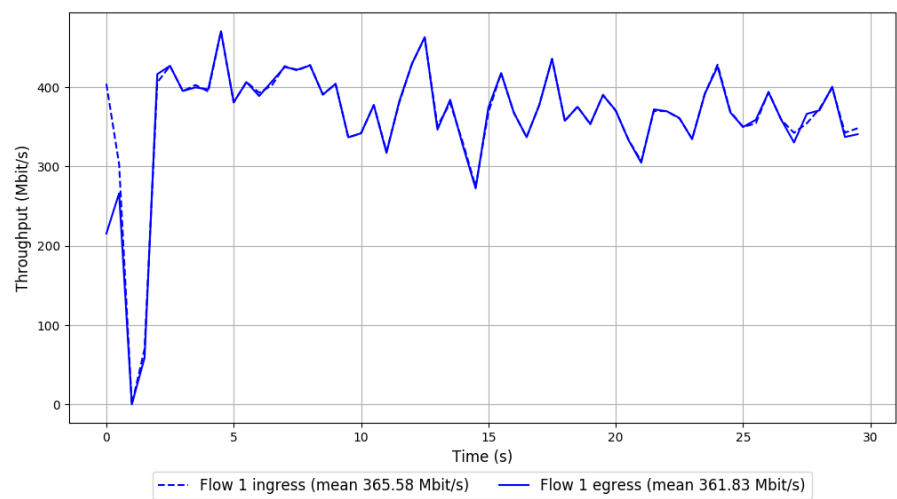


Run 7: Statistics of Verus

Start at: 2018-03-20 13:49:46
End at: 2018-03-20 13:50:16
Local clock offset: 1.298 ms
Remote clock offset: -5.691 ms

Below is generated by plot.py at 2018-03-20 21:08:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 361.83 Mbit/s
95th percentile per-packet one-way delay: 13.715 ms
Loss rate: 1.09%
-- Flow 1:
Average throughput: 361.83 Mbit/s
95th percentile per-packet one-way delay: 13.715 ms
Loss rate: 1.09%

Run 7: Report of Verus — Data Link

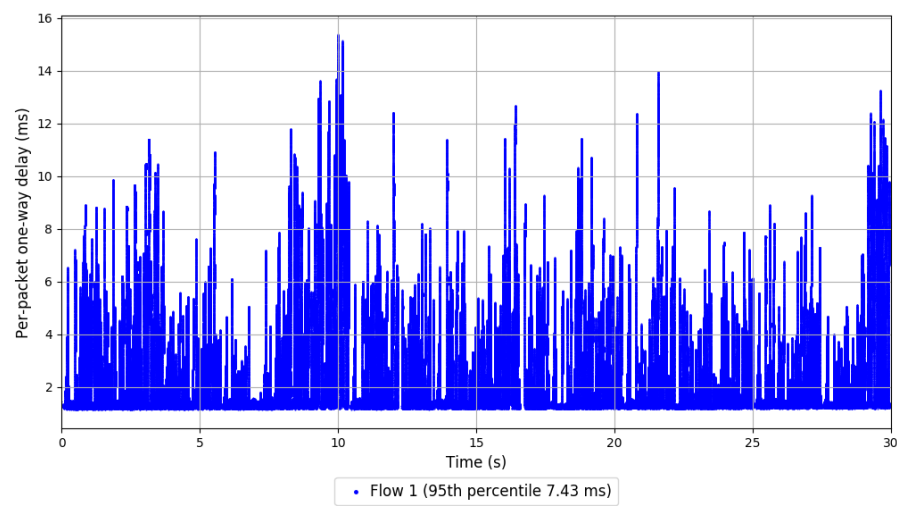
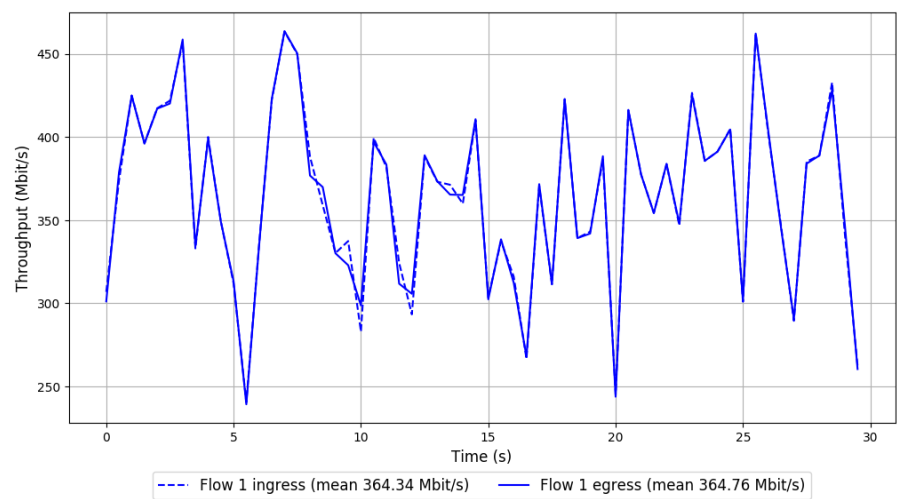


Run 8: Statistics of Verus

Start at: 2018-03-20 14:17:15
End at: 2018-03-20 14:17:45
Local clock offset: 3.665 ms
Remote clock offset: -5.621 ms

Below is generated by plot.py at 2018-03-20 21:09:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 364.76 Mbit/s
95th percentile per-packet one-way delay: 7.426 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 364.76 Mbit/s
95th percentile per-packet one-way delay: 7.426 ms
Loss rate: 0.01%

Run 8: Report of Verus — Data Link

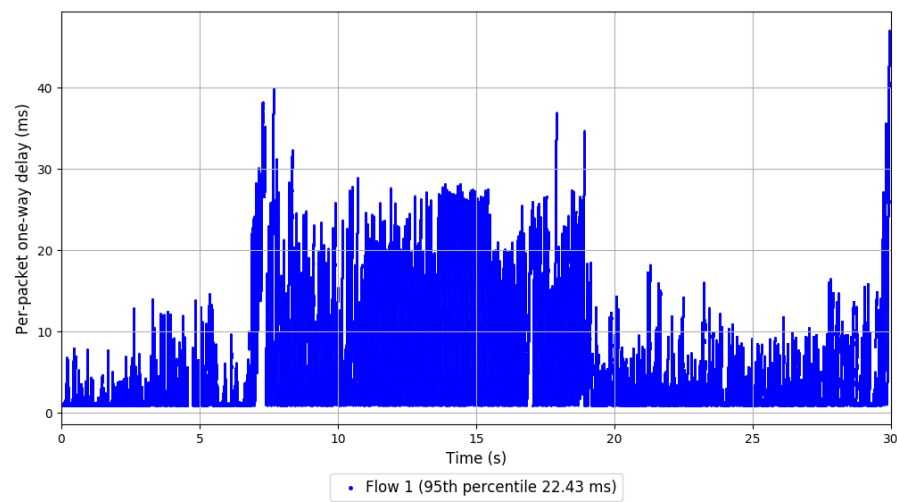
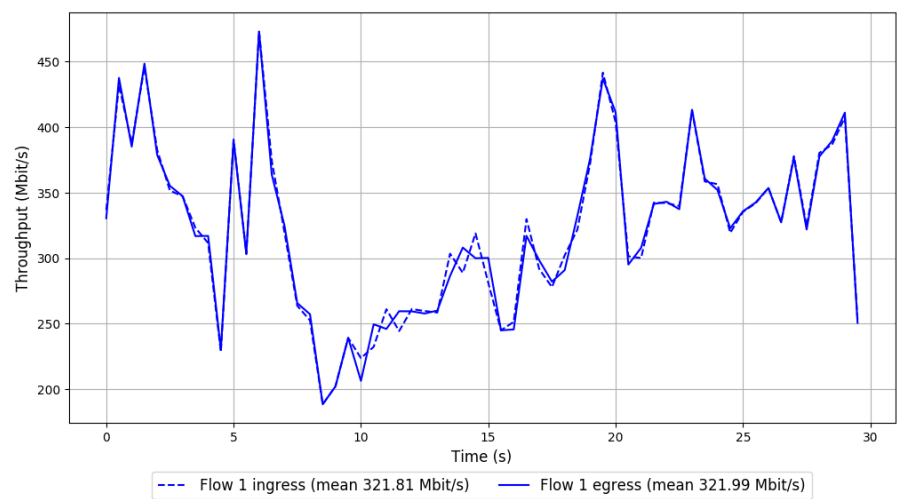


Run 9: Statistics of Verus

Start at: 2018-03-20 14:44:40
End at: 2018-03-20 14:45:10
Local clock offset: 2.189 ms
Remote clock offset: -6.066 ms

Below is generated by plot.py at 2018-03-20 21:09:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 321.99 Mbit/s
95th percentile per-packet one-way delay: 22.432 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 321.99 Mbit/s
95th percentile per-packet one-way delay: 22.432 ms
Loss rate: 0.01%

Run 9: Report of Verus — Data Link

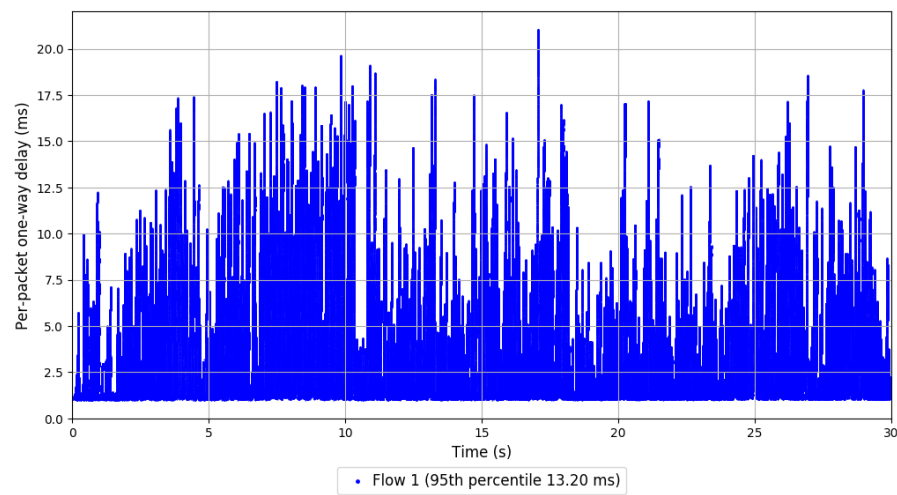
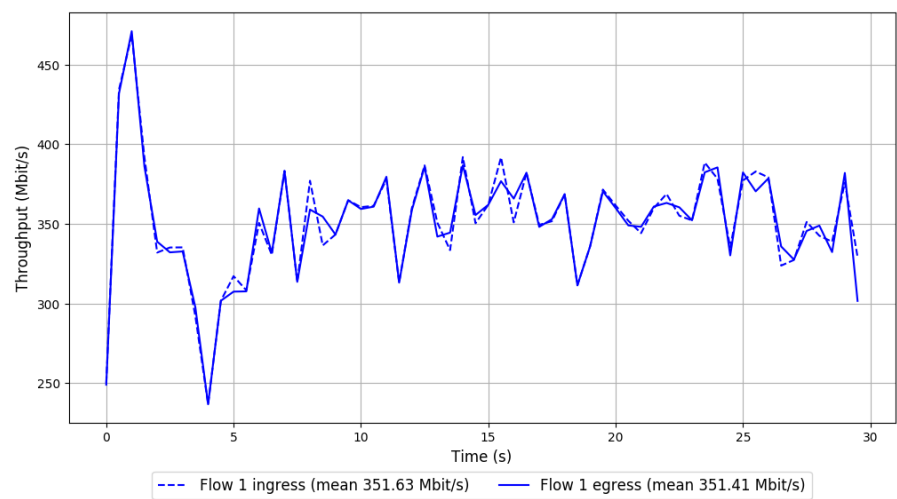


Run 10: Statistics of Verus

Start at: 2018-03-20 15:12:11
End at: 2018-03-20 15:12:41
Local clock offset: 0.14 ms
Remote clock offset: -3.936 ms

Below is generated by plot.py at 2018-03-20 21:10:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 351.41 Mbit/s
95th percentile per-packet one-way delay: 13.199 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 351.41 Mbit/s
95th percentile per-packet one-way delay: 13.199 ms
Loss rate: 0.13%

Run 10: Report of Verus — Data Link

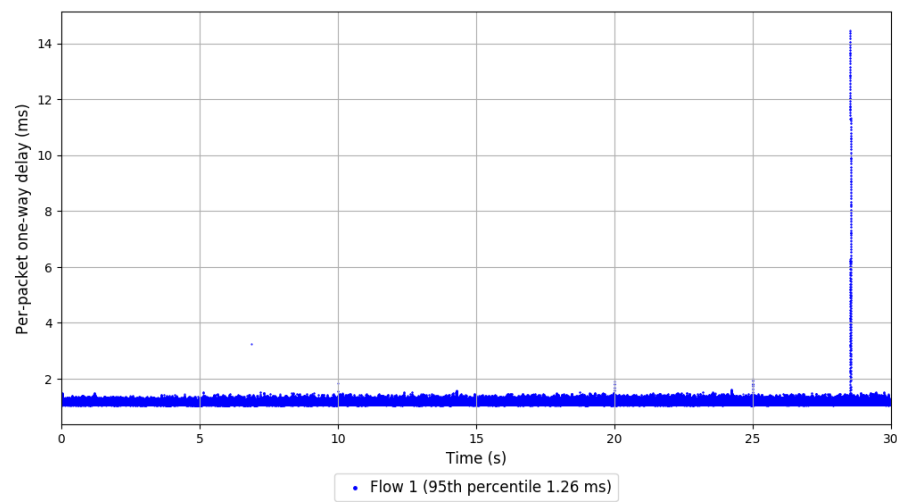
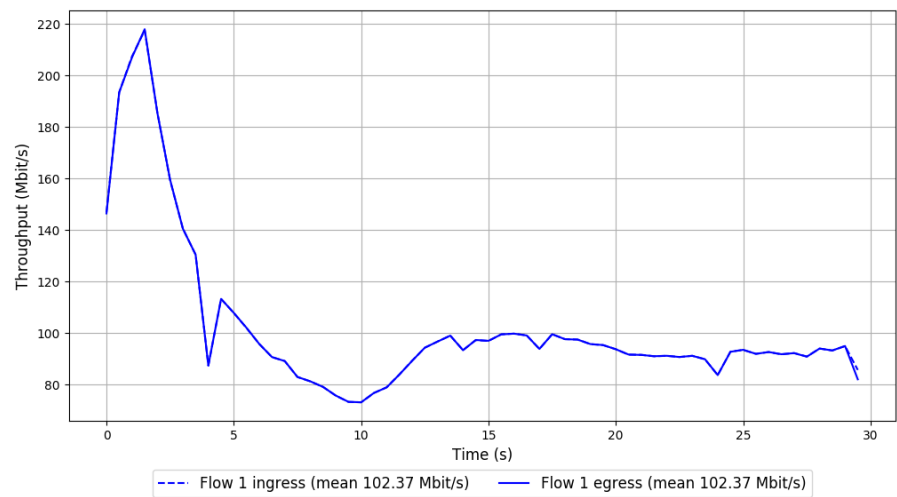


Run 1: Statistics of Copa

Start at: 2018-03-20 11:10:06
End at: 2018-03-20 11:10:36
Local clock offset: -0.553 ms
Remote clock offset: -4.674 ms

Below is generated by plot.py at 2018-03-20 21:10:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 102.37 Mbit/s
95th percentile per-packet one-way delay: 1.257 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 102.37 Mbit/s
95th percentile per-packet one-way delay: 1.257 ms
Loss rate: 0.06%

Run 1: Report of Copa — Data Link

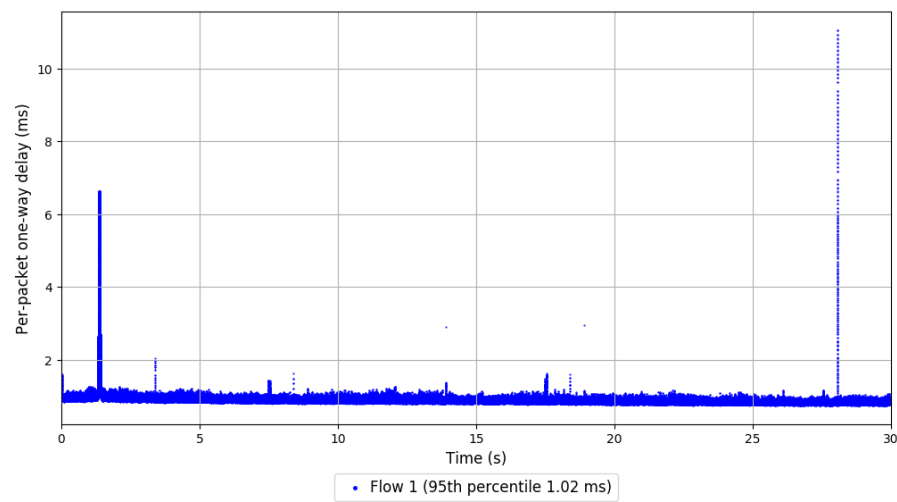
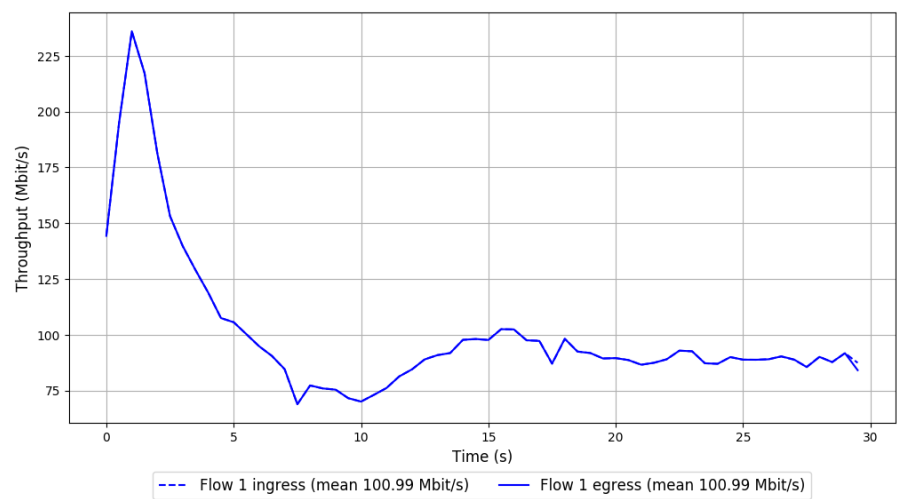


Run 2: Statistics of Copa

Start at: 2018-03-20 11:37:22
End at: 2018-03-20 11:37:52
Local clock offset: 4.002 ms
Remote clock offset: -4.624 ms

Below is generated by plot.py at 2018-03-20 21:10:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 100.99 Mbit/s
95th percentile per-packet one-way delay: 1.021 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 100.99 Mbit/s
95th percentile per-packet one-way delay: 1.021 ms
Loss rate: 0.06%

Run 2: Report of Copa — Data Link

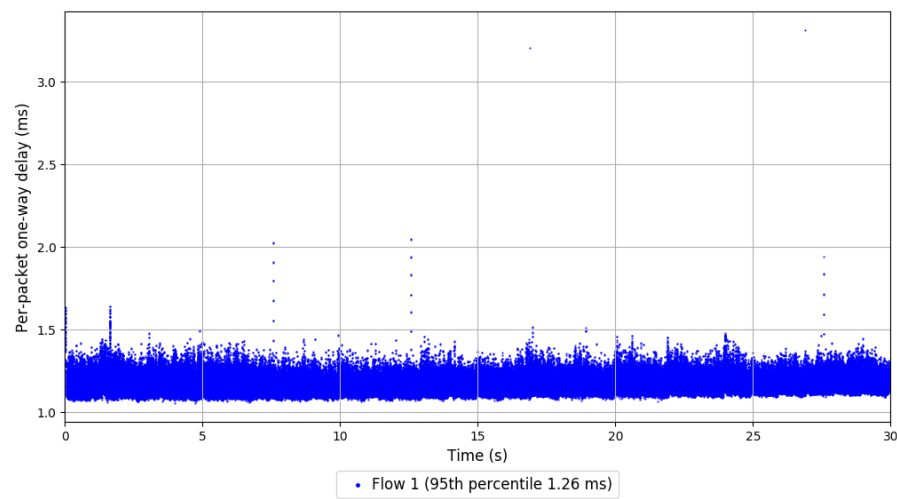
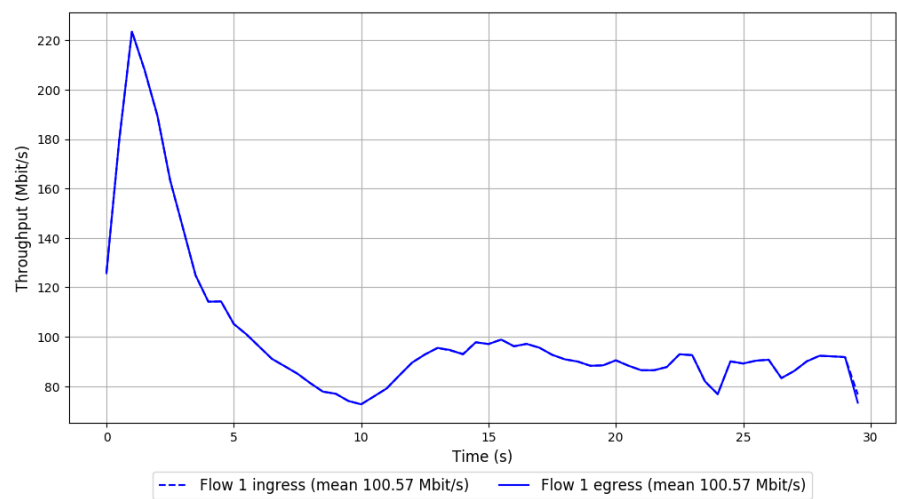


Run 3: Statistics of Copa

Start at: 2018-03-20 12:04:45
End at: 2018-03-20 12:05:15
Local clock offset: 5.453 ms
Remote clock offset: -4.807 ms

Below is generated by plot.py at 2018-03-20 21:10:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 100.57 Mbit/s
95th percentile per-packet one-way delay: 1.260 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 100.57 Mbit/s
95th percentile per-packet one-way delay: 1.260 ms
Loss rate: 0.06%

Run 3: Report of Copa — Data Link

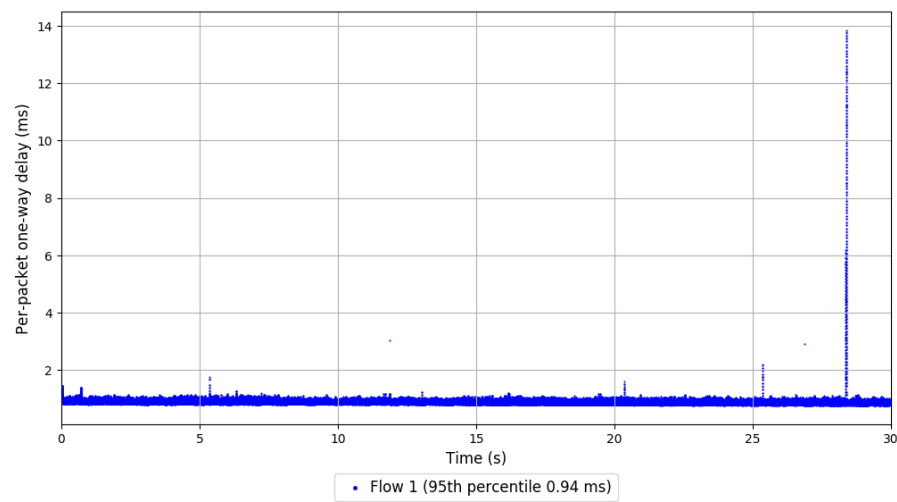
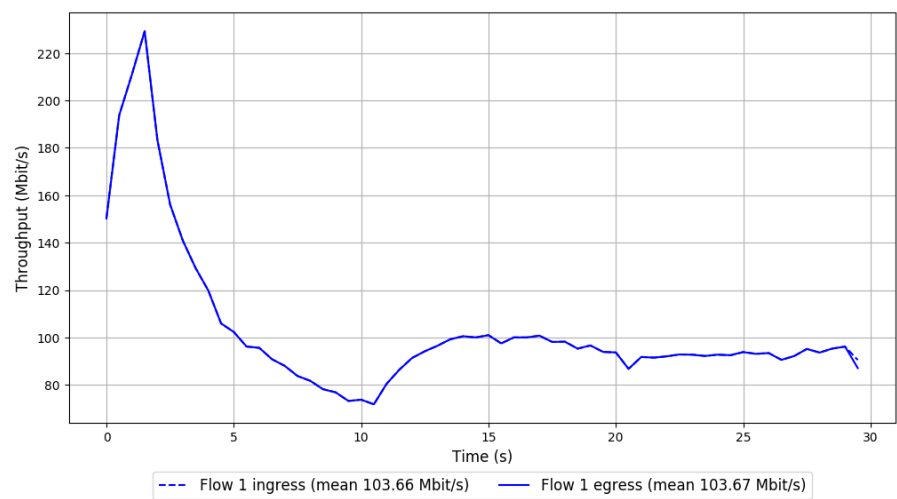


Run 4: Statistics of Copa

Start at: 2018-03-20 12:32:08
End at: 2018-03-20 12:32:38
Local clock offset: 4.937 ms
Remote clock offset: -4.931 ms

Below is generated by plot.py at 2018-03-20 21:10:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 103.67 Mbit/s
95th percentile per-packet one-way delay: 0.943 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 103.67 Mbit/s
95th percentile per-packet one-way delay: 0.943 ms
Loss rate: 0.06%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: 2018-03-20 12:59:40

End at: 2018-03-20 13:00:10

Local clock offset: 5.434 ms

Remote clock offset: -6.21 ms

Below is generated by plot.py at 2018-03-20 21:10:25

Datalink statistics

-- Total of 1 flow:

Average throughput: 103.16 Mbit/s

95th percentile per-packet one-way delay: 1.051 ms

Loss rate: 0.07%

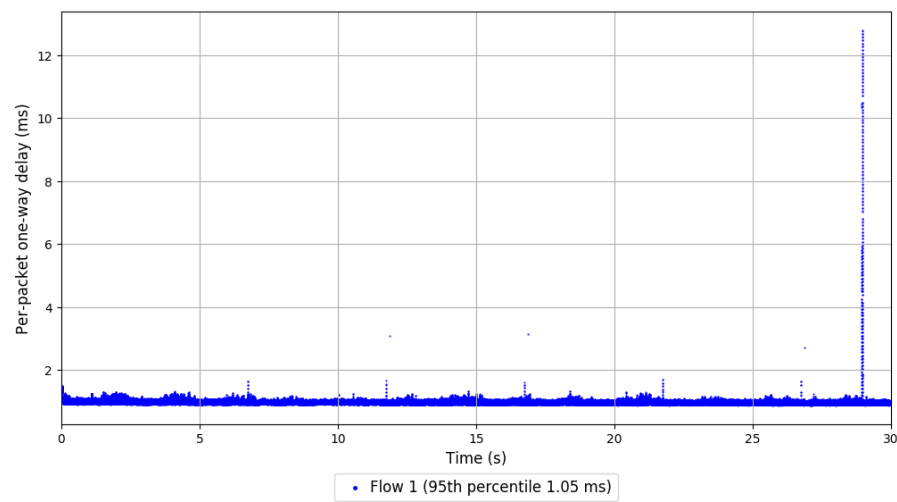
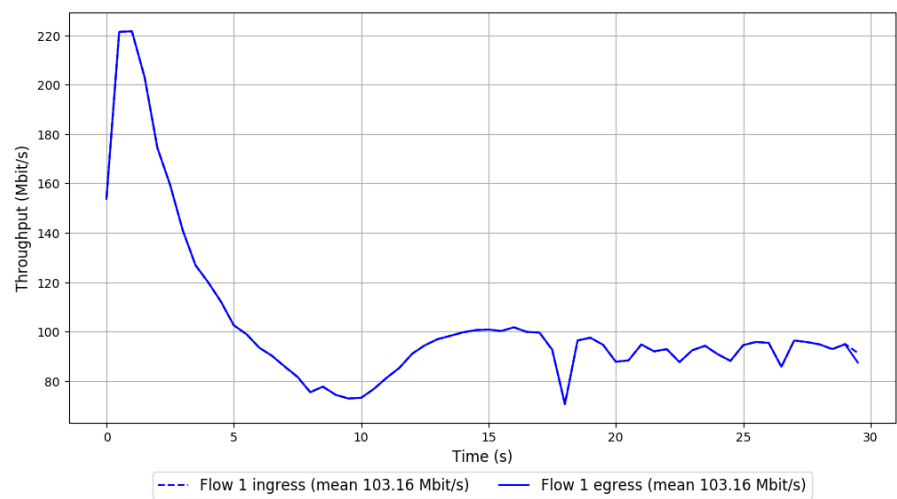
-- Flow 1:

Average throughput: 103.16 Mbit/s

95th percentile per-packet one-way delay: 1.051 ms

Loss rate: 0.07%

Run 5: Report of Copa — Data Link

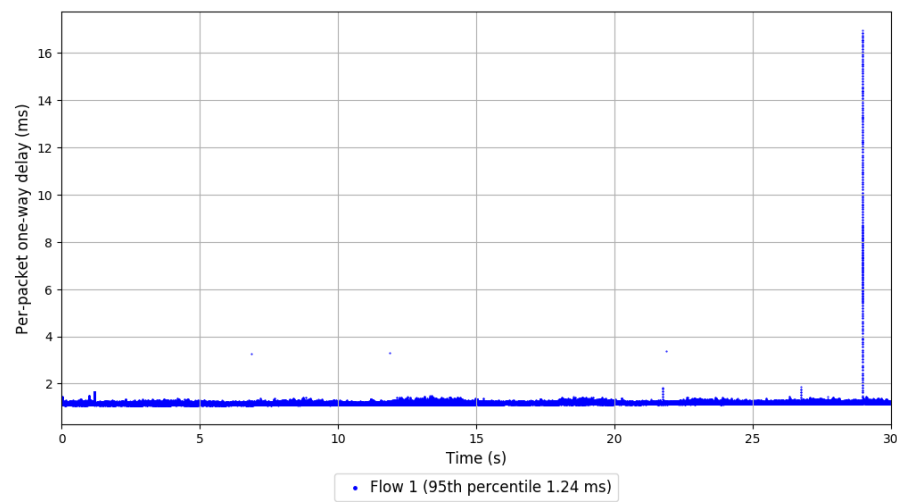
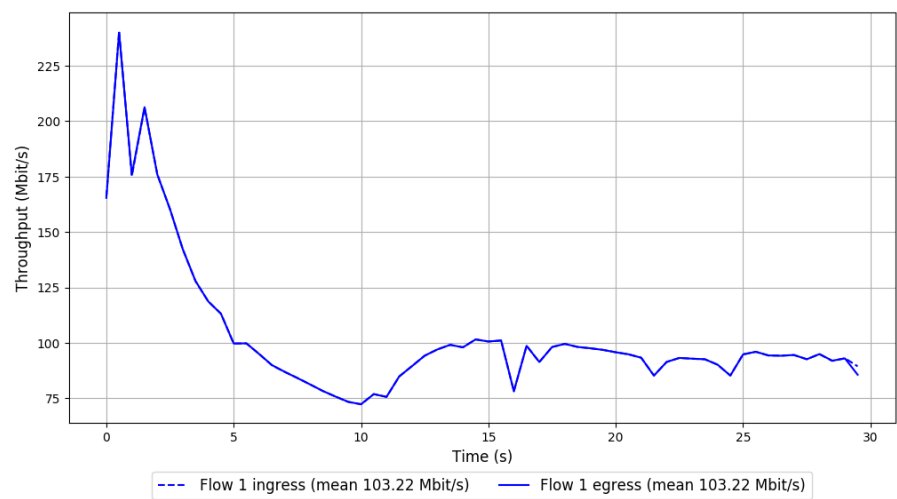


Run 6: Statistics of Copa

Start at: 2018-03-20 13:27:07
End at: 2018-03-20 13:27:37
Local clock offset: -0.943 ms
Remote clock offset: -6.162 ms

Below is generated by plot.py at 2018-03-20 21:11:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 103.22 Mbit/s
95th percentile per-packet one-way delay: 1.236 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 103.22 Mbit/s
95th percentile per-packet one-way delay: 1.236 ms
Loss rate: 0.06%

Run 6: Report of Copa — Data Link

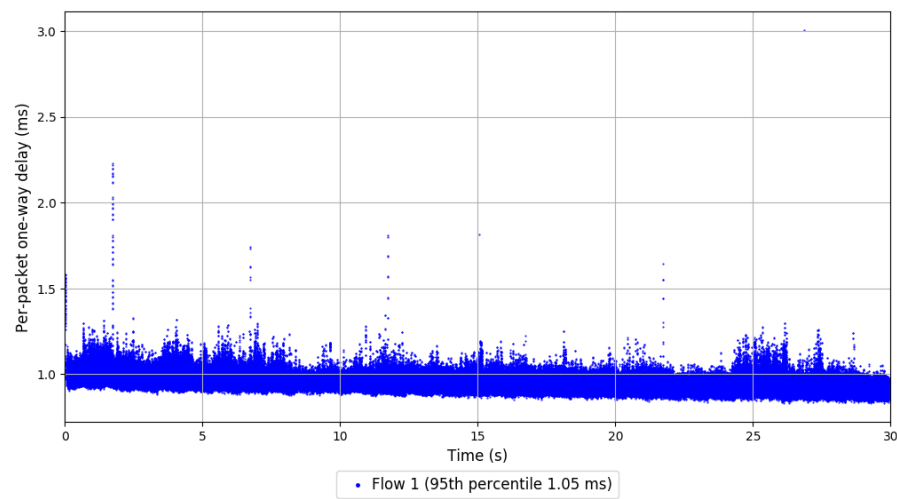
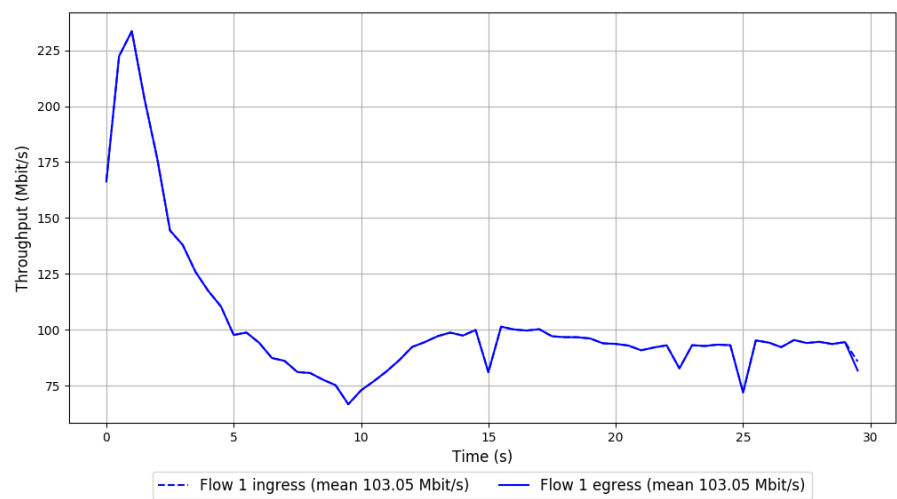


Run 7: Statistics of Copa

Start at: 2018-03-20 13:54:32
End at: 2018-03-20 13:55:02
Local clock offset: 2.501 ms
Remote clock offset: -5.656 ms

Below is generated by plot.py at 2018-03-20 21:11:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 103.05 Mbit/s
95th percentile per-packet one-way delay: 1.046 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 103.05 Mbit/s
95th percentile per-packet one-way delay: 1.046 ms
Loss rate: 0.07%

Run 7: Report of Copa — Data Link

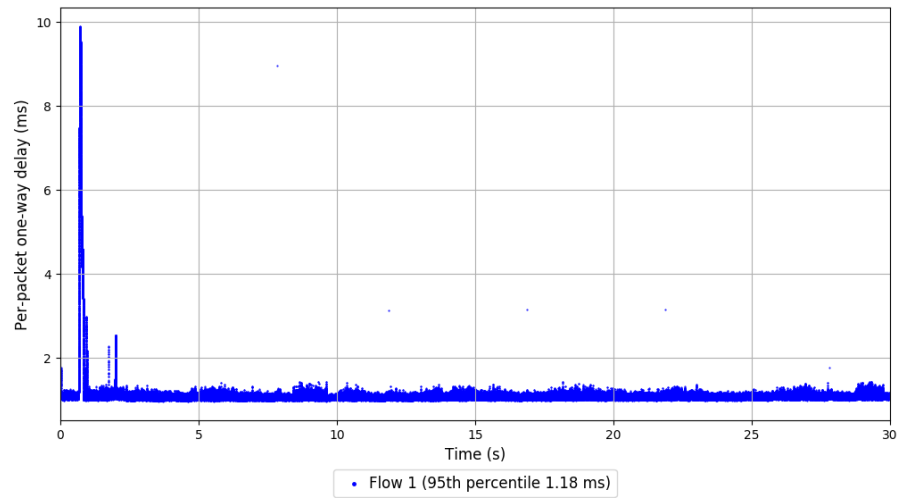
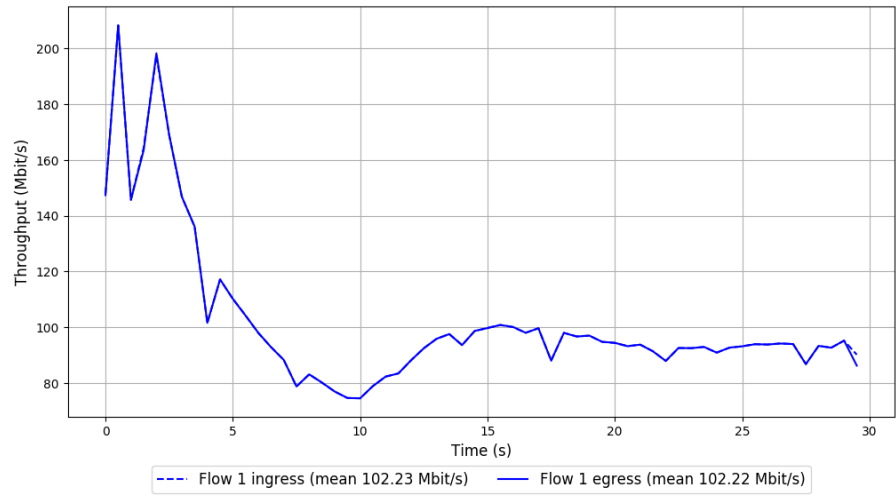


Run 8: Statistics of Copa

Start at: 2018-03-20 14:21:59
End at: 2018-03-20 14:22:29
Local clock offset: 3.133 ms
Remote clock offset: -5.698 ms

Below is generated by plot.py at 2018-03-20 21:11:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 102.22 Mbit/s
95th percentile per-packet one-way delay: 1.175 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 102.22 Mbit/s
95th percentile per-packet one-way delay: 1.175 ms
Loss rate: 0.07%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: 2018-03-20 14:49:25

End at: 2018-03-20 14:49:55

Local clock offset: 2.09 ms

Remote clock offset: -6.06 ms

Below is generated by plot.py at 2018-03-20 21:11:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 99.67 Mbit/s

95th percentile per-packet one-way delay: 1.372 ms

Loss rate: 0.07%

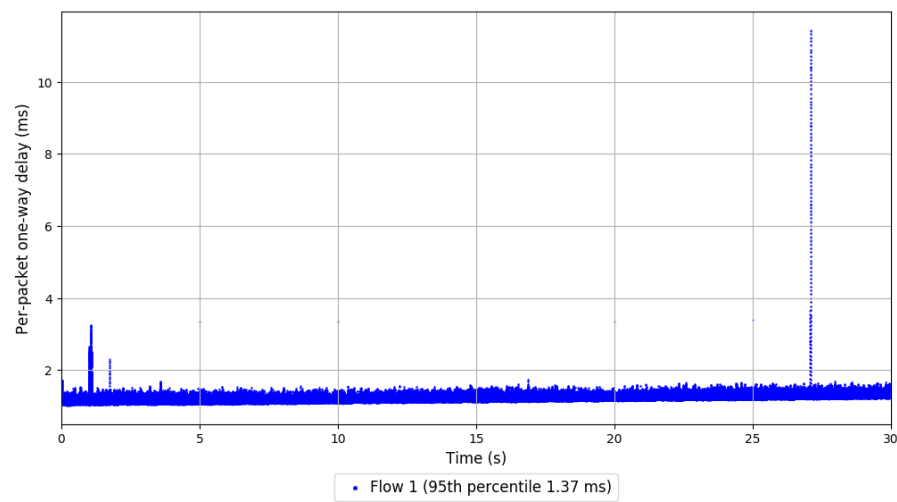
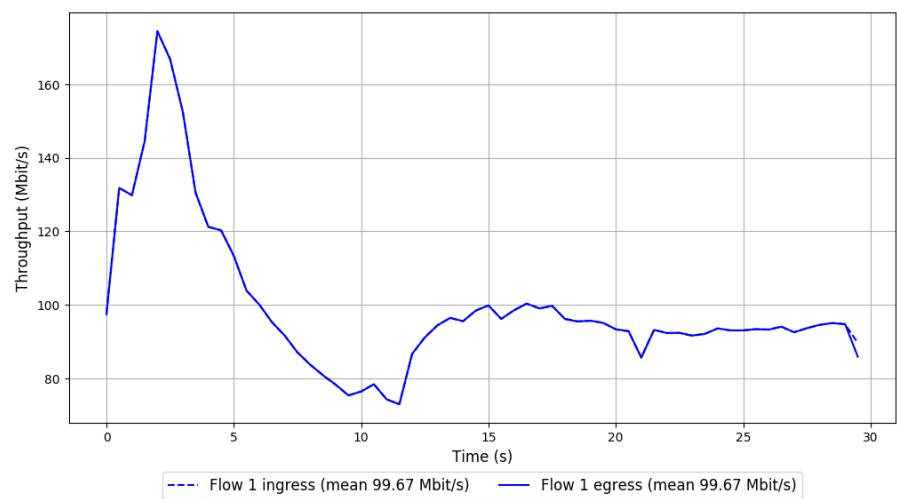
-- Flow 1:

Average throughput: 99.67 Mbit/s

95th percentile per-packet one-way delay: 1.372 ms

Loss rate: 0.07%

Run 9: Report of Copa — Data Link

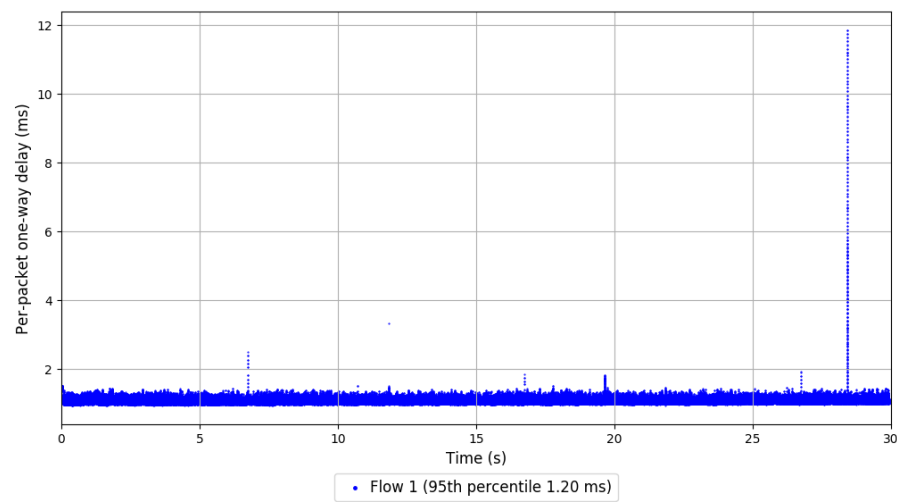
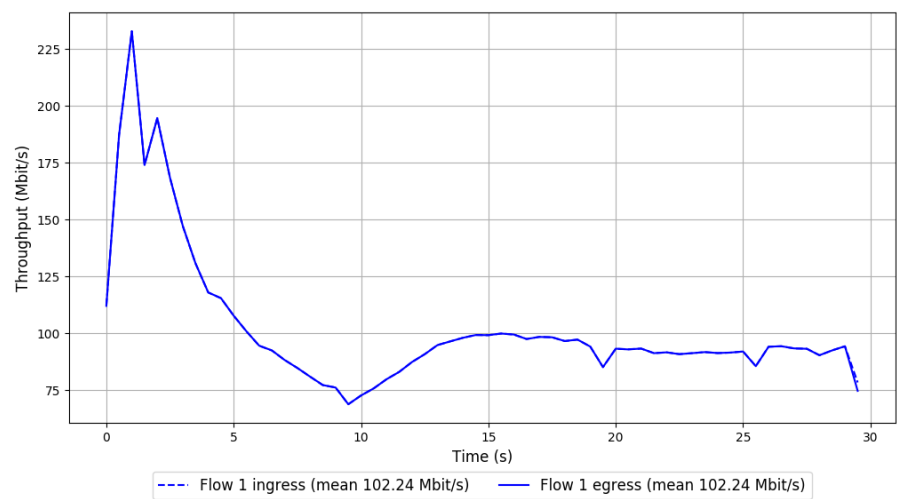


Run 10: Statistics of Copa

Start at: 2018-03-20 15:16:56
End at: 2018-03-20 15:17:26
Local clock offset: -0.13 ms
Remote clock offset: -3.853 ms

Below is generated by plot.py at 2018-03-20 21:11:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 102.24 Mbit/s
95th percentile per-packet one-way delay: 1.199 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 102.24 Mbit/s
95th percentile per-packet one-way delay: 1.199 ms
Loss rate: 0.06%

Run 10: Report of Copa — Data Link

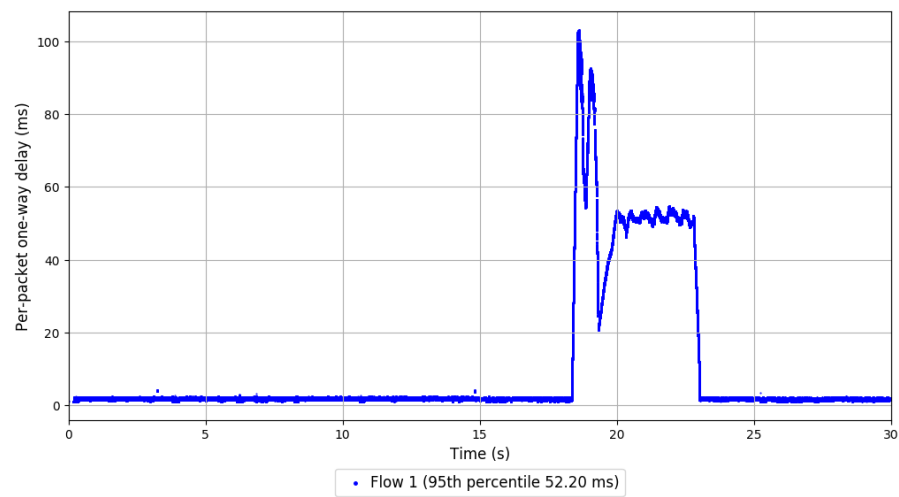
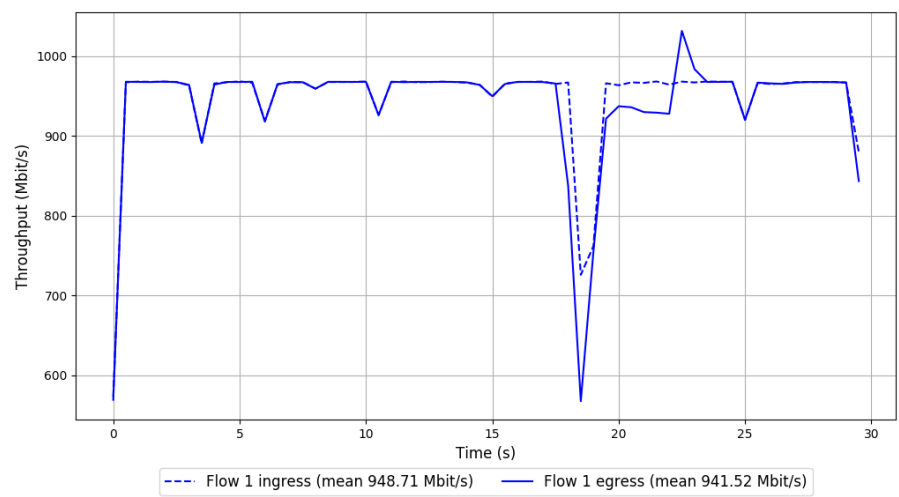


Run 1: Statistics of FillP

Start at: 2018-03-20 11:02:25
End at: 2018-03-20 11:02:55
Local clock offset: -0.301 ms
Remote clock offset: -4.657 ms

Below is generated by plot.py at 2018-03-20 21:25:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 941.52 Mbit/s
95th percentile per-packet one-way delay: 52.199 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 941.52 Mbit/s
95th percentile per-packet one-way delay: 52.199 ms
Loss rate: 0.82%

Run 1: Report of FillP — Data Link

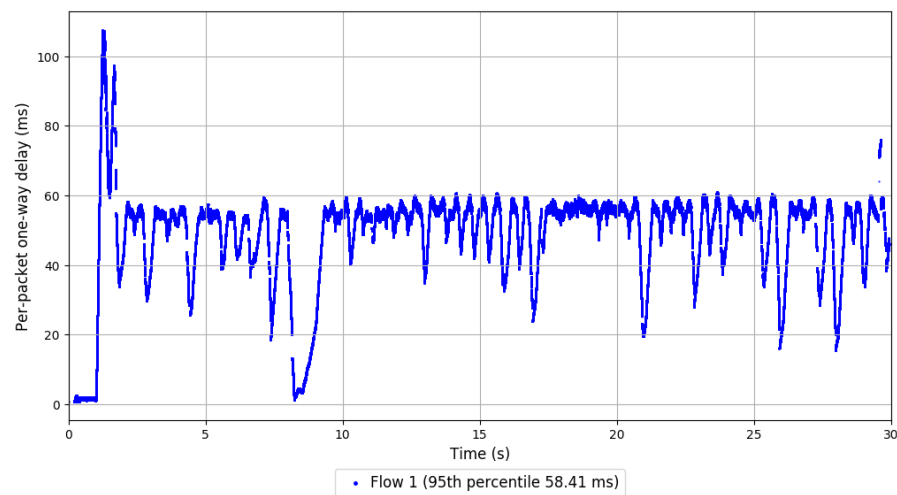
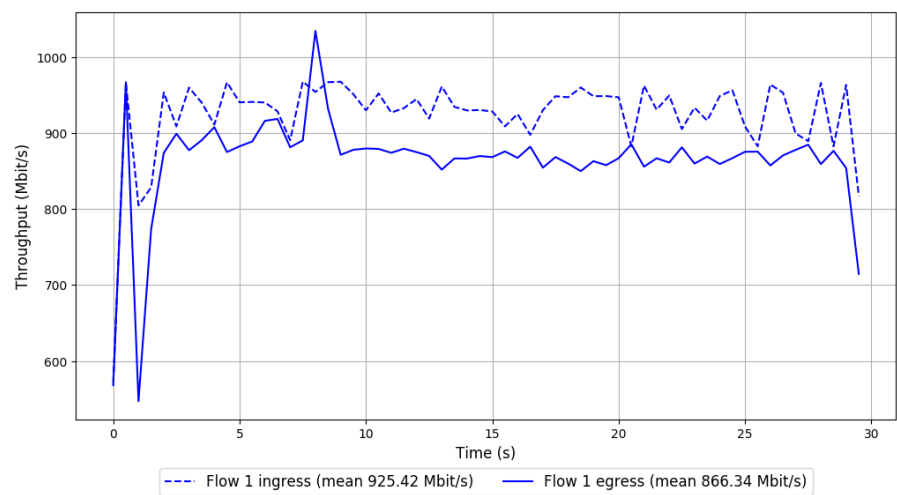


Run 2: Statistics of FillP

Start at: 2018-03-20 11:29:42
End at: 2018-03-20 11:30:12
Local clock offset: 1.658 ms
Remote clock offset: -4.659 ms

Below is generated by plot.py at 2018-03-20 21:25:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 866.34 Mbit/s
95th percentile per-packet one-way delay: 58.414 ms
Loss rate: 6.45%
-- Flow 1:
Average throughput: 866.34 Mbit/s
95th percentile per-packet one-way delay: 58.414 ms
Loss rate: 6.45%

Run 2: Report of FillP — Data Link



Run 3: Statistics of FillP

Start at: 2018-03-20 11:56:55

End at: 2018-03-20 11:57:25

Local clock offset: 6.22 ms

Remote clock offset: -4.6 ms

Below is generated by plot.py at 2018-03-20 21:25:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 917.85 Mbit/s

95th percentile per-packet one-way delay: 55.271 ms

Loss rate: 1.99%

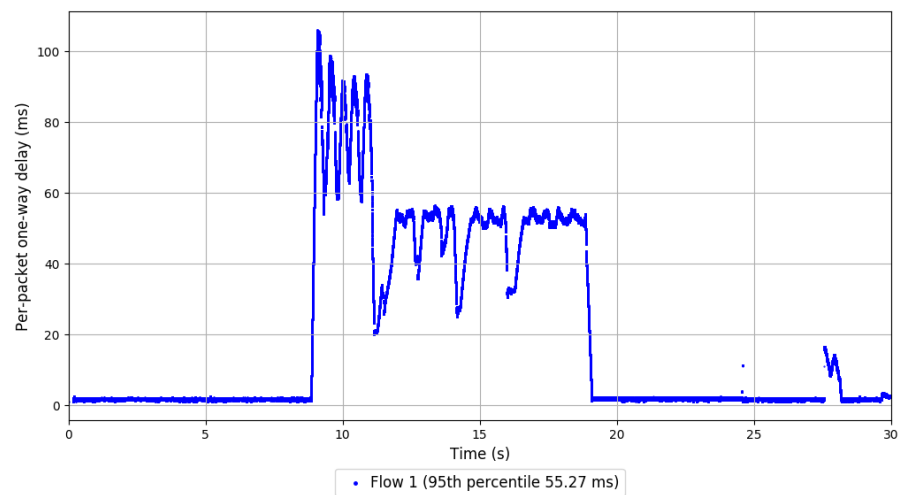
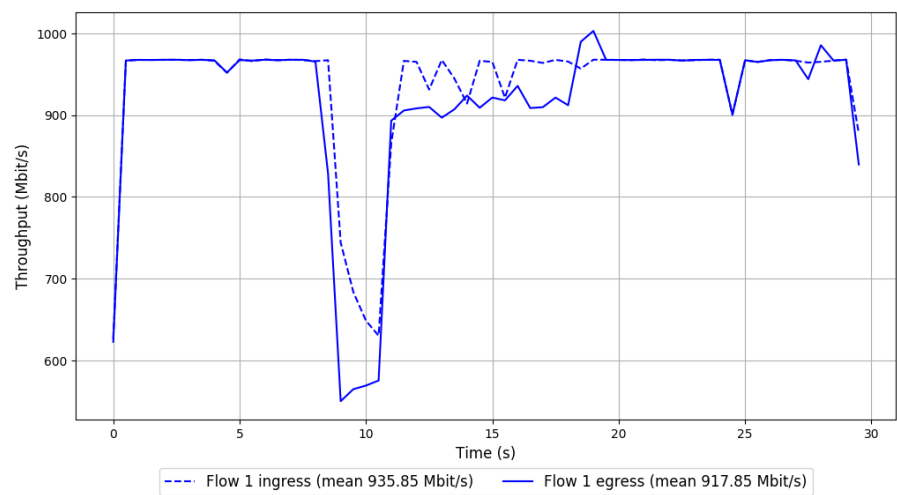
-- Flow 1:

Average throughput: 917.85 Mbit/s

95th percentile per-packet one-way delay: 55.271 ms

Loss rate: 1.99%

Run 3: Report of FillP — Data Link



Run 4: Statistics of FillP

Start at: 2018-03-20 12:24:14

End at: 2018-03-20 12:24:44

Local clock offset: 4.837 ms

Remote clock offset: -5.02 ms

Below is generated by plot.py at 2018-03-20 21:25:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 821.92 Mbit/s

95th percentile per-packet one-way delay: 86.242 ms

Loss rate: 6.51%

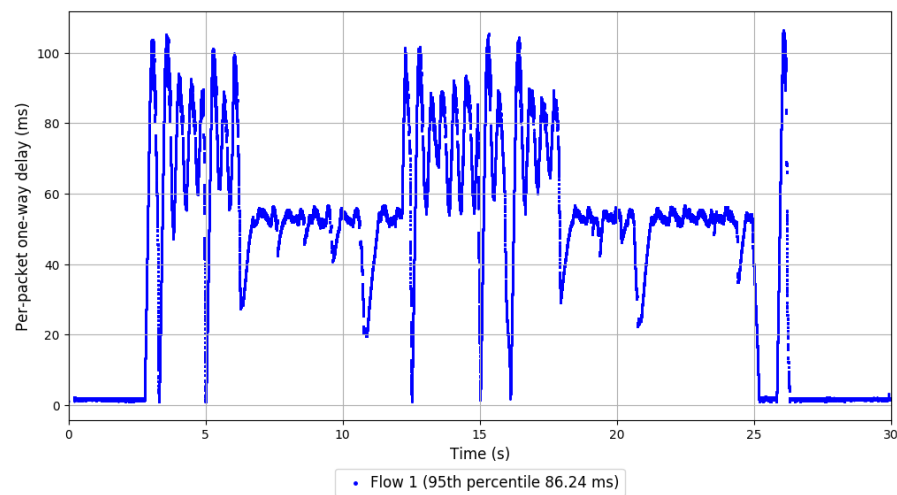
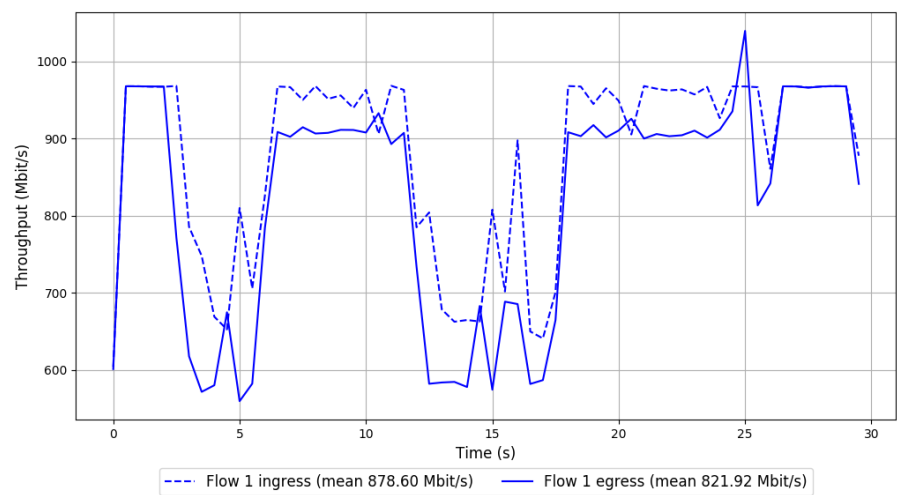
-- Flow 1:

Average throughput: 821.92 Mbit/s

95th percentile per-packet one-way delay: 86.242 ms

Loss rate: 6.51%

Run 4: Report of FillP — Data Link

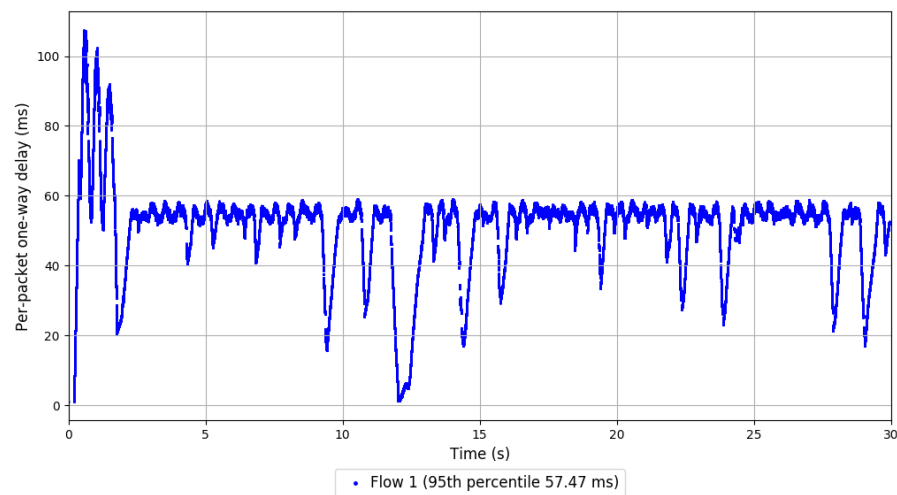
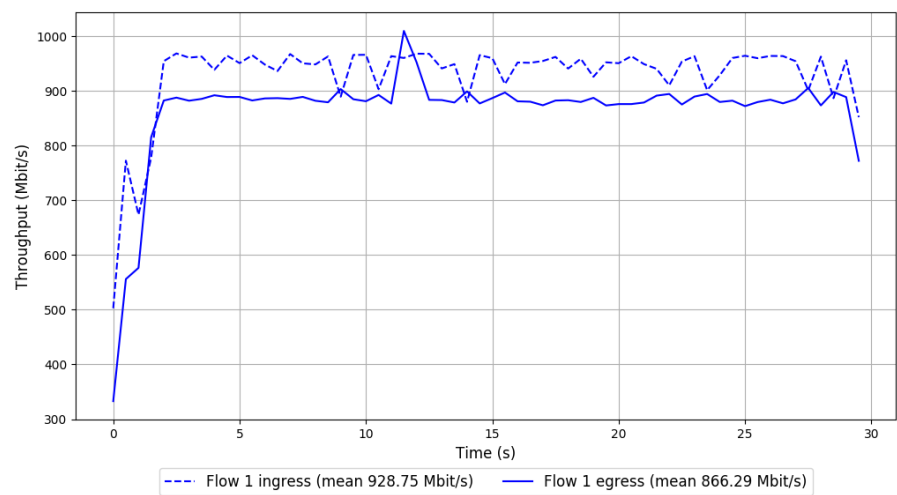


Run 5: Statistics of FillP

Start at: 2018-03-20 12:51:44
End at: 2018-03-20 12:52:14
Local clock offset: 5.19 ms
Remote clock offset: -6.062 ms

Below is generated by plot.py at 2018-03-20 21:25:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 866.29 Mbit/s
95th percentile per-packet one-way delay: 57.468 ms
Loss rate: 6.79%
-- Flow 1:
Average throughput: 866.29 Mbit/s
95th percentile per-packet one-way delay: 57.468 ms
Loss rate: 6.79%

Run 5: Report of FillP — Data Link

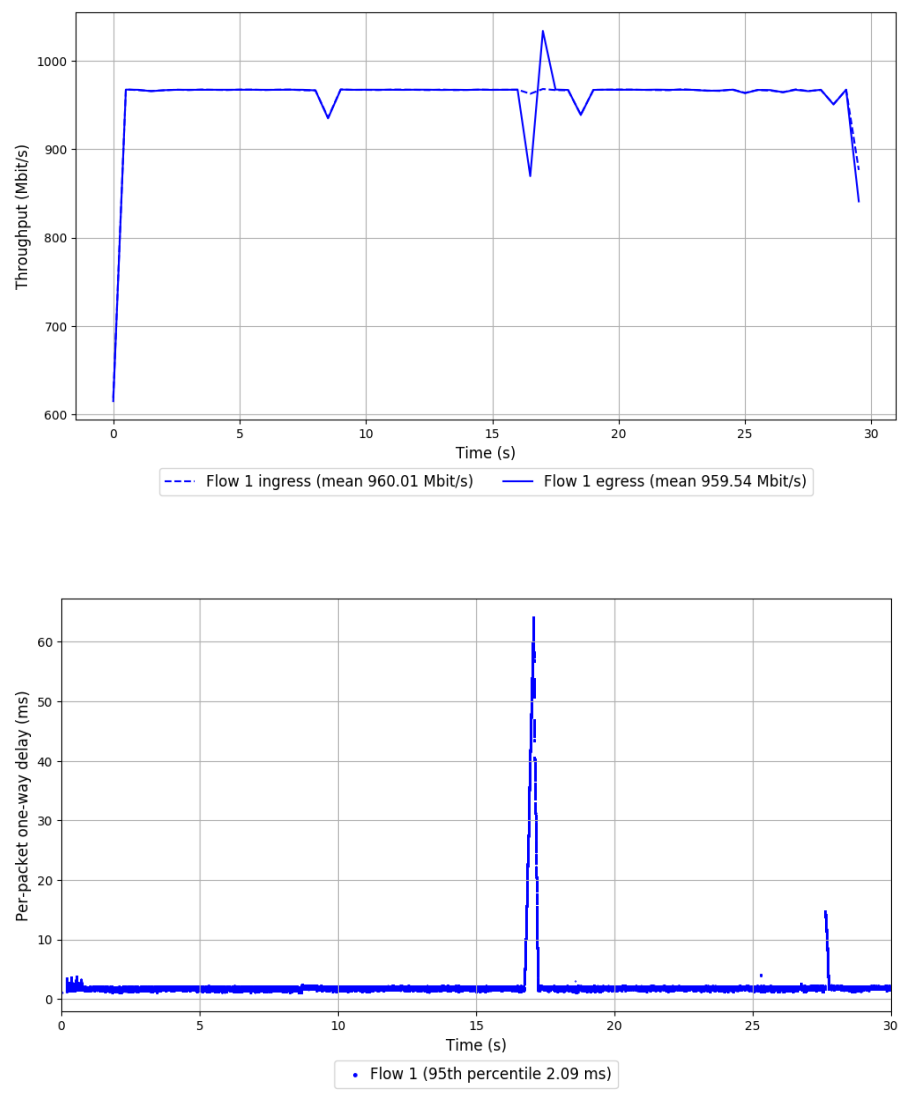


Run 6: Statistics of FillP

Start at: 2018-03-20 13:19:09
End at: 2018-03-20 13:19:39
Local clock offset: 0.617 ms
Remote clock offset: -6.119 ms

Below is generated by plot.py at 2018-03-20 21:26:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 959.54 Mbit/s
95th percentile per-packet one-way delay: 2.087 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 959.54 Mbit/s
95th percentile per-packet one-way delay: 2.087 ms
Loss rate: 0.12%

Run 6: Report of FillP — Data Link

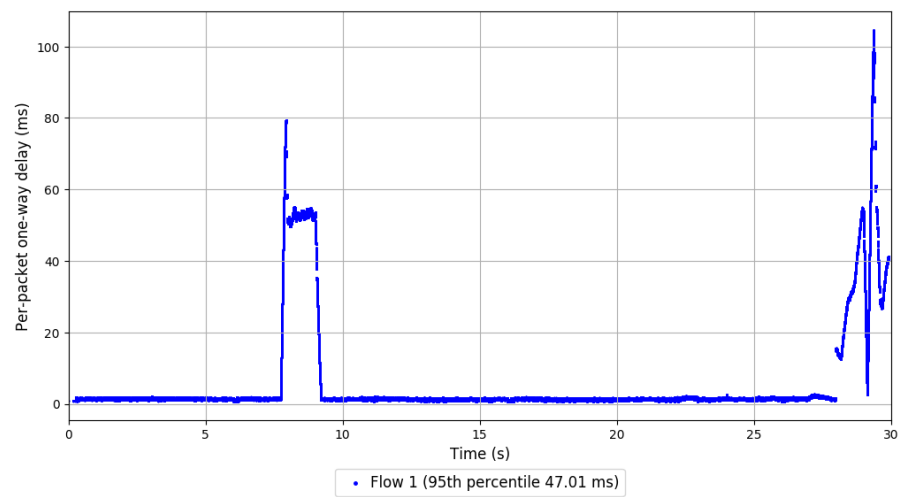
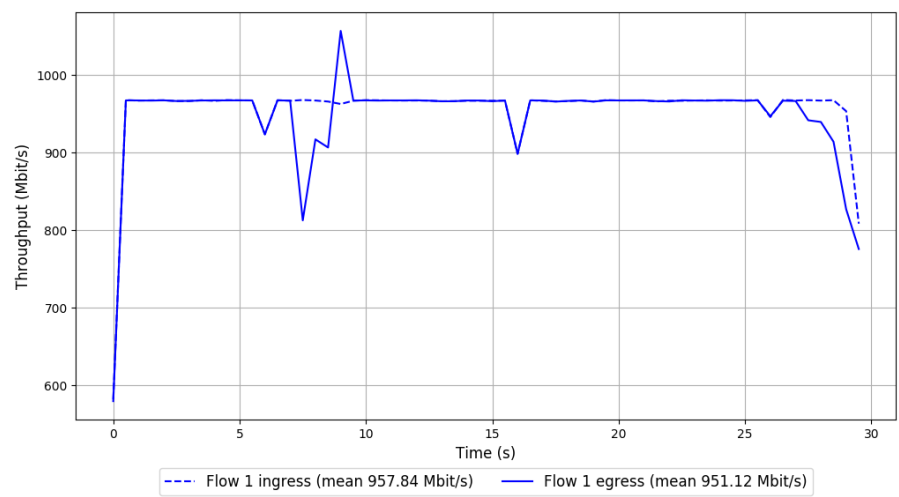


Run 7: Statistics of FillP

Start at: 2018-03-20 13:46:41
End at: 2018-03-20 13:47:11
Local clock offset: 0.318 ms
Remote clock offset: -5.853 ms

Below is generated by plot.py at 2018-03-20 21:26:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 951.12 Mbit/s
95th percentile per-packet one-way delay: 47.011 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 951.12 Mbit/s
95th percentile per-packet one-way delay: 47.011 ms
Loss rate: 0.77%

Run 7: Report of FillP — Data Link

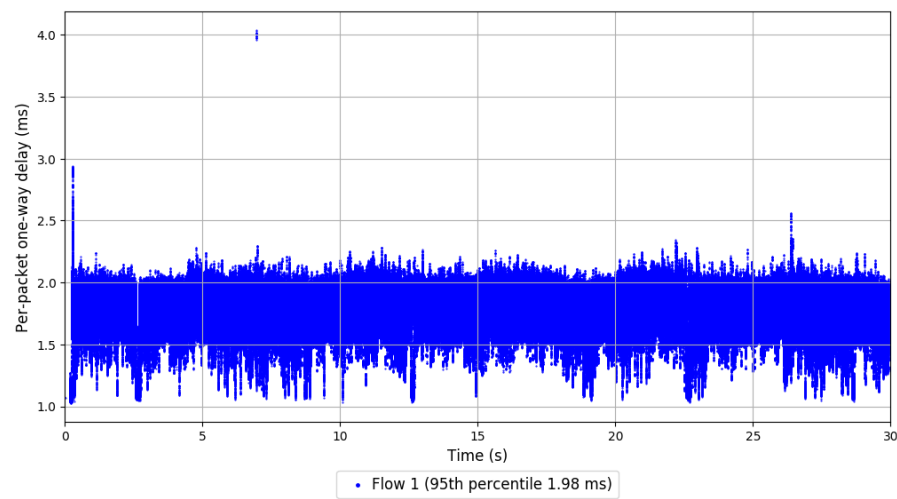
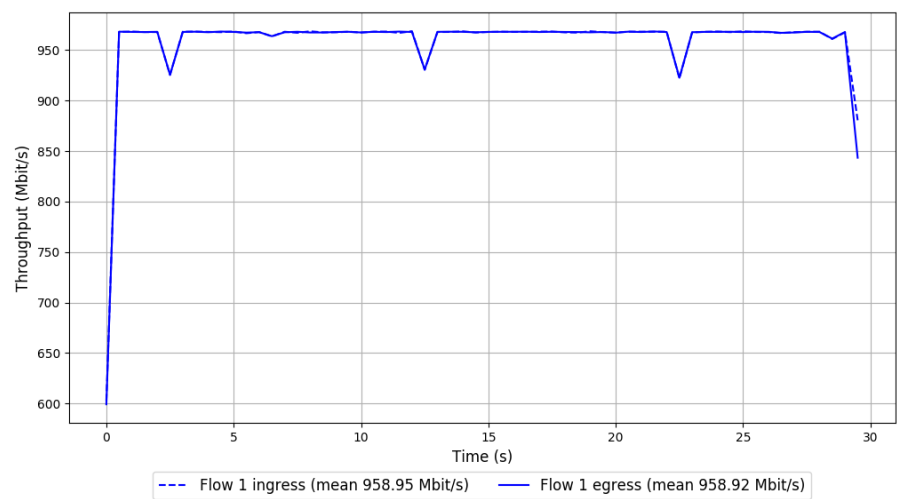


Run 8: Statistics of FillP

Start at: 2018-03-20 14:14:04
End at: 2018-03-20 14:14:34
Local clock offset: 3.869 ms
Remote clock offset: -5.495 ms

Below is generated by plot.py at 2018-03-20 21:26:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 958.92 Mbit/s
95th percentile per-packet one-way delay: 1.980 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 958.92 Mbit/s
95th percentile per-packet one-way delay: 1.980 ms
Loss rate: 0.07%

Run 8: Report of FillP — Data Link

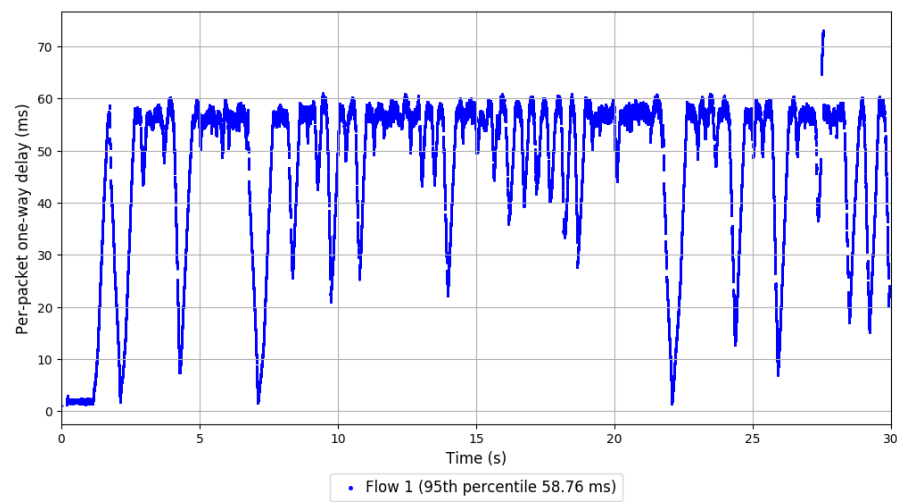
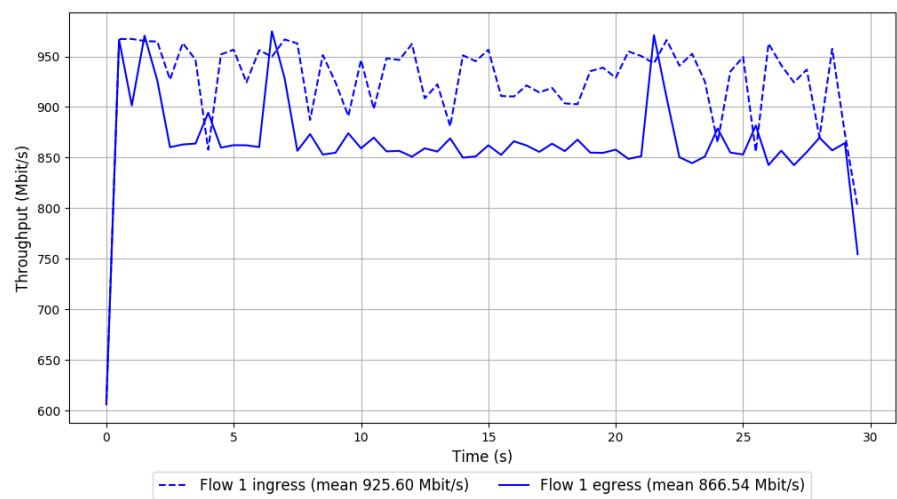


Run 9: Statistics of FillP

Start at: 2018-03-20 14:41:31
End at: 2018-03-20 14:42:01
Local clock offset: 2.282 ms
Remote clock offset: -6.149 ms

Below is generated by plot.py at 2018-03-20 21:38:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 866.54 Mbit/s
95th percentile per-packet one-way delay: 58.759 ms
Loss rate: 6.44%
-- Flow 1:
Average throughput: 866.54 Mbit/s
95th percentile per-packet one-way delay: 58.759 ms
Loss rate: 6.44%

Run 9: Report of FillP — Data Link

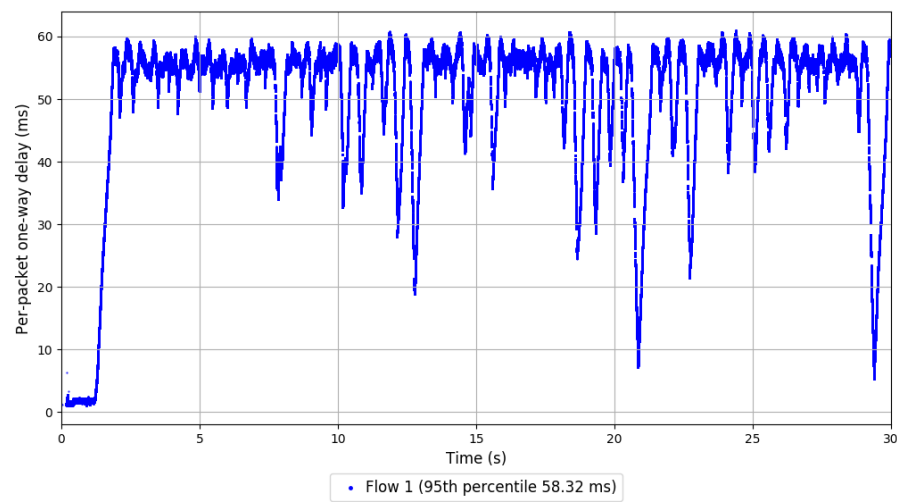
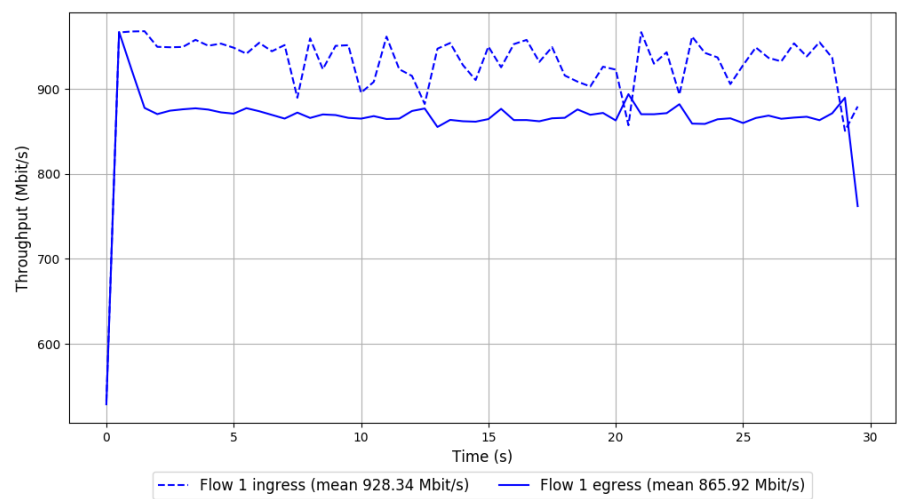


Run 10: Statistics of FillP

Start at: 2018-03-20 15:09:06
End at: 2018-03-20 15:09:36
Local clock offset: 0.264 ms
Remote clock offset: -4.091 ms

Below is generated by plot.py at 2018-03-20 21:38:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 865.92 Mbit/s
95th percentile per-packet one-way delay: 58.318 ms
Loss rate: 6.78%
-- Flow 1:
Average throughput: 865.92 Mbit/s
95th percentile per-packet one-way delay: 58.318 ms
Loss rate: 6.78%

Run 10: Report of FillP — Data Link

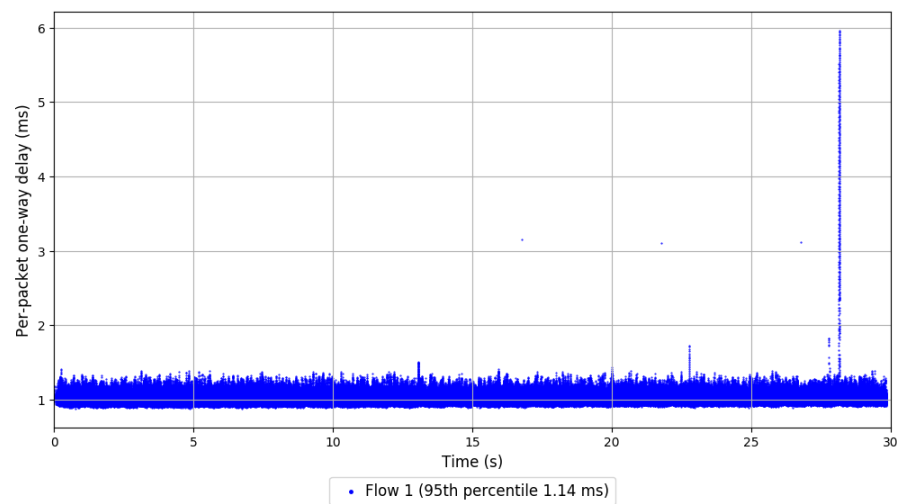
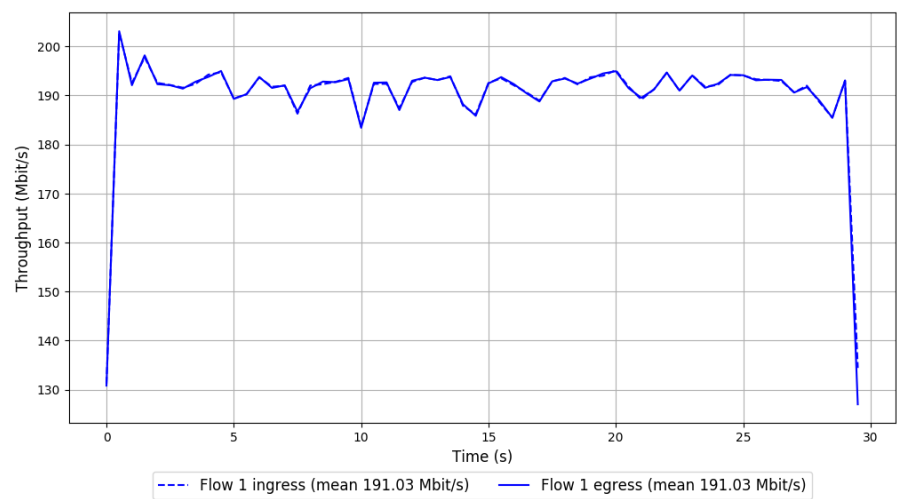


Run 1: Statistics of Indigo-1-32

Start at: 2018-03-20 11:08:39
End at: 2018-03-20 11:09:09
Local clock offset: -0.514 ms
Remote clock offset: -4.582 ms

Below is generated by plot.py at 2018-03-20 21:38:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 191.03 Mbit/s
95th percentile per-packet one-way delay: 1.141 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 191.03 Mbit/s
95th percentile per-packet one-way delay: 1.141 ms
Loss rate: 0.07%

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



Run 2: Statistics of Indigo-1-32

Start at: 2018-03-20 11:36:02

End at: 2018-03-20 11:36:32

Local clock offset: 3.664 ms

Remote clock offset: -4.693 ms

Below is generated by plot.py at 2018-03-20 21:38:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 206.45 Mbit/s

95th percentile per-packet one-way delay: 0.990 ms

Loss rate: 0.06%

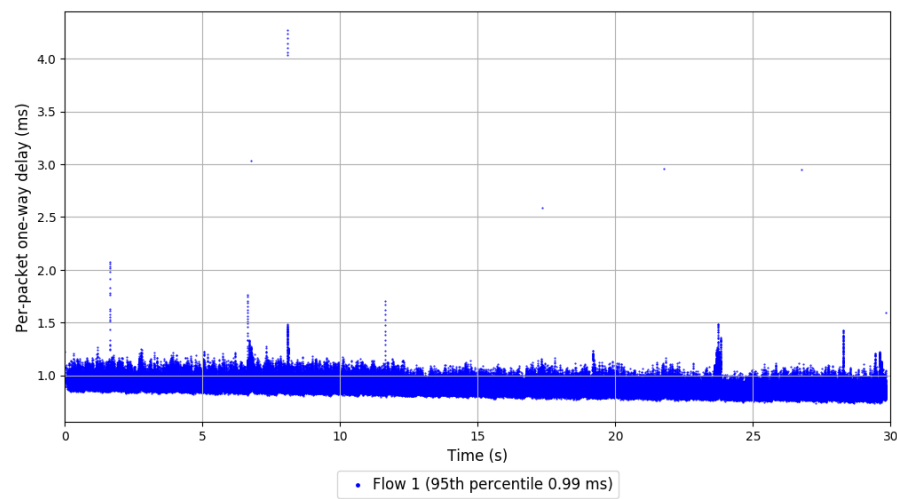
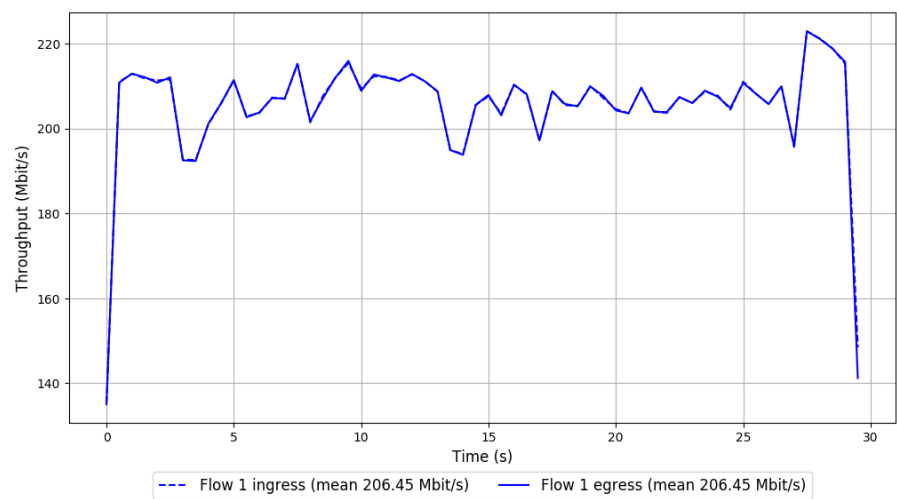
-- Flow 1:

Average throughput: 206.45 Mbit/s

95th percentile per-packet one-way delay: 0.990 ms

Loss rate: 0.06%

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



Run 3: Statistics of Indigo-1-32

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

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

Local clock offset: 5.616 ms

Remote clock offset: -4.649 ms

Below is generated by plot.py at 2018-03-20 21:38:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 202.61 Mbit/s

95th percentile per-packet one-way delay: 1.172 ms

Loss rate: 0.06%

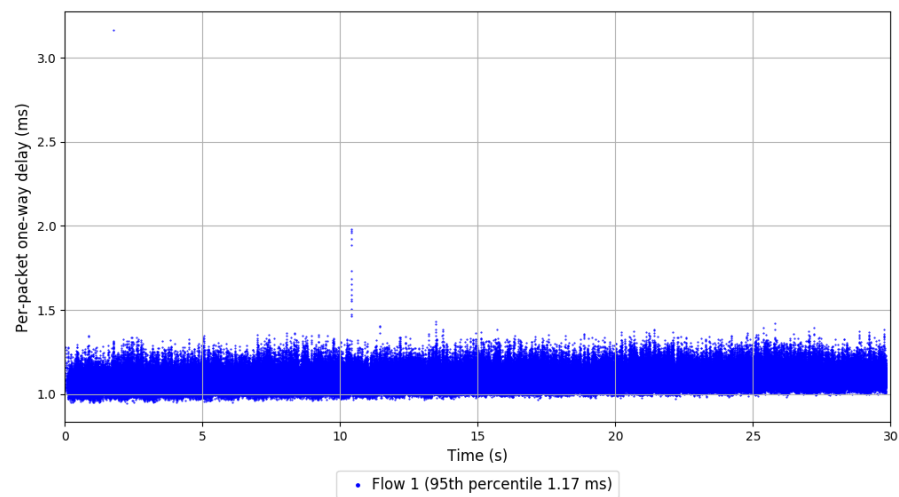
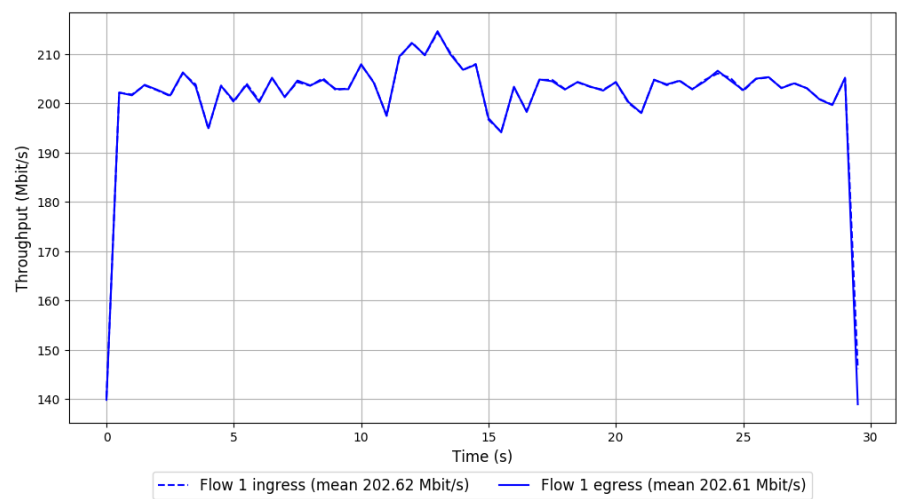
-- Flow 1:

Average throughput: 202.61 Mbit/s

95th percentile per-packet one-way delay: 1.172 ms

Loss rate: 0.06%

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

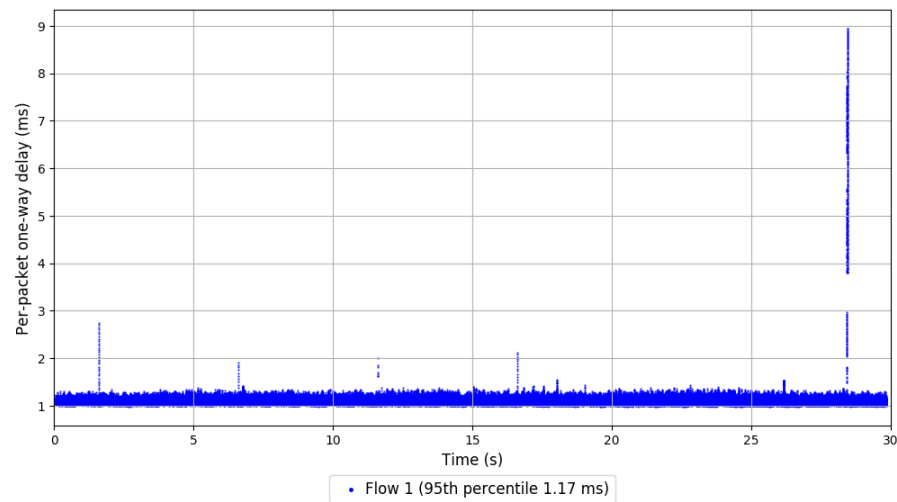
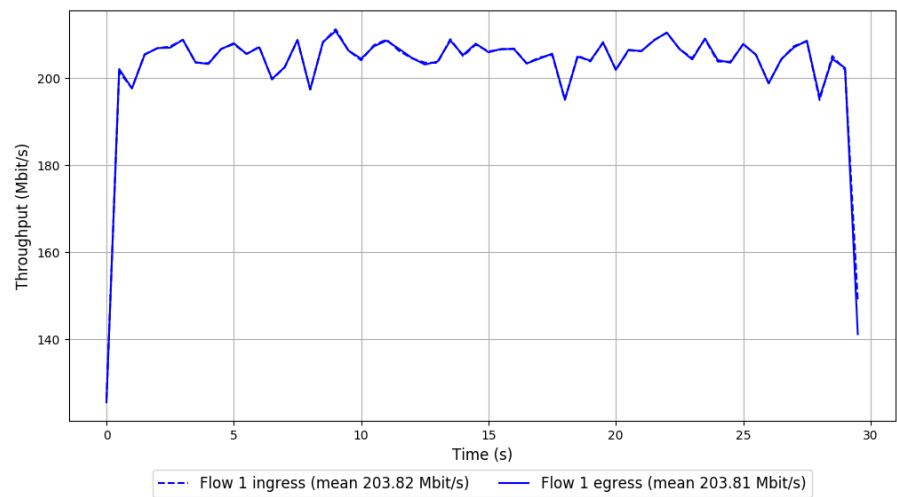


Run 4: Statistics of Indigo-1-32

Start at: 2018-03-20 12:30:40
End at: 2018-03-20 12:31:10
Local clock offset: 4.987 ms
Remote clock offset: -5.034 ms

Below is generated by plot.py at 2018-03-20 21:38:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 203.81 Mbit/s
95th percentile per-packet one-way delay: 1.171 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 203.81 Mbit/s
95th percentile per-packet one-way delay: 1.171 ms
Loss rate: 0.06%

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



Run 5: Statistics of Indigo-1-32

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

End at: 2018-03-20 12:58:42

Local clock offset: 5.332 ms

Remote clock offset: -6.18 ms

Below is generated by plot.py at 2018-03-20 21:38:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 201.27 Mbit/s

95th percentile per-packet one-way delay: 0.996 ms

Loss rate: 0.07%

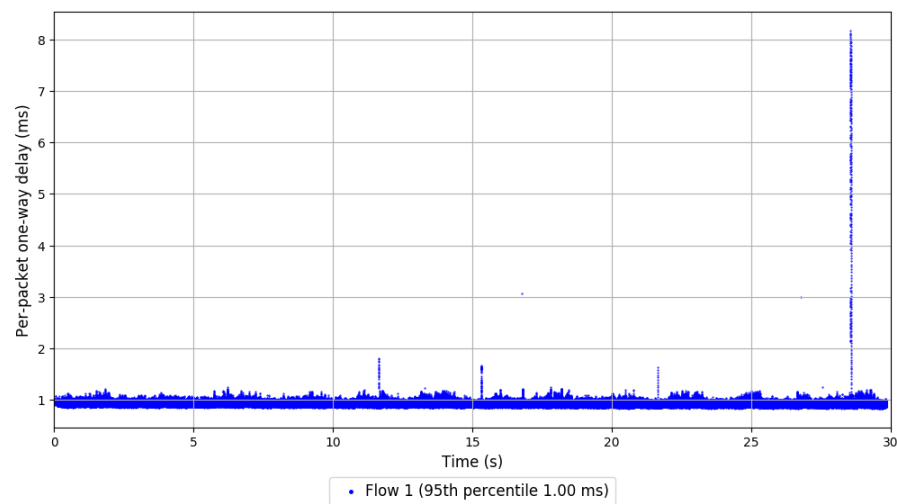
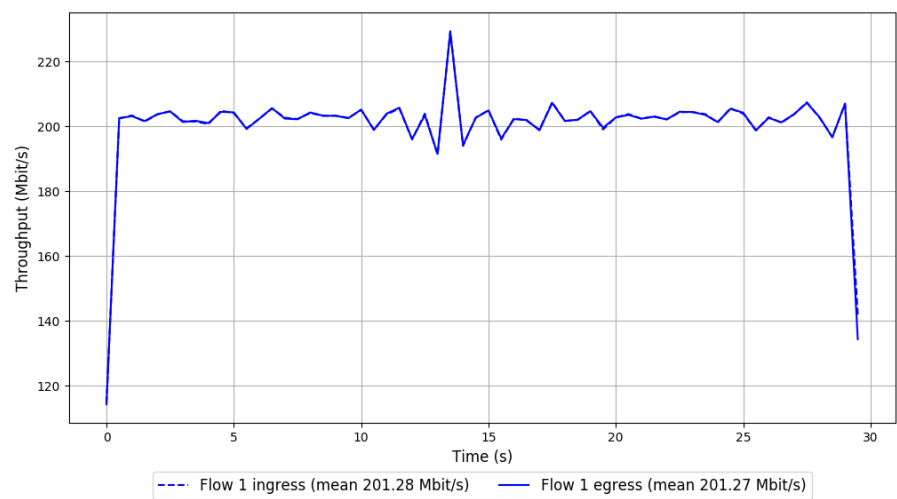
-- Flow 1:

Average throughput: 201.27 Mbit/s

95th percentile per-packet one-way delay: 0.996 ms

Loss rate: 0.07%

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



Run 6: Statistics of Indigo-1-32

Start at: 2018-03-20 13:25:39

End at: 2018-03-20 13:26:09

Local clock offset: -0.834 ms

Remote clock offset: -6.23 ms

Below is generated by plot.py at 2018-03-20 21:38:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 200.83 Mbit/s

95th percentile per-packet one-way delay: 1.200 ms

Loss rate: 0.06%

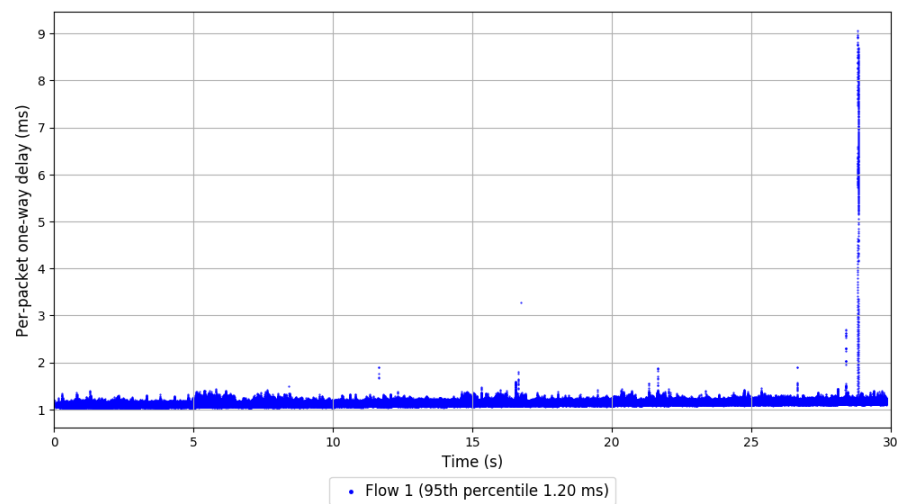
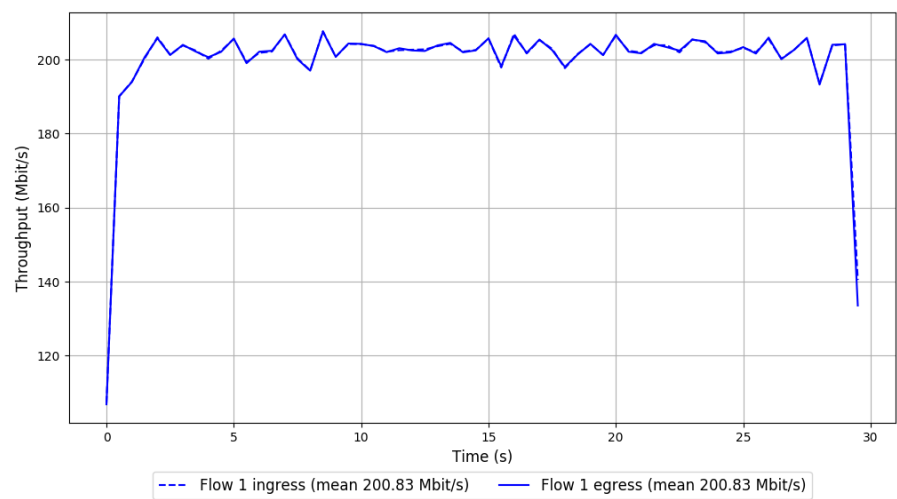
-- Flow 1:

Average throughput: 200.83 Mbit/s

95th percentile per-packet one-way delay: 1.200 ms

Loss rate: 0.06%

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

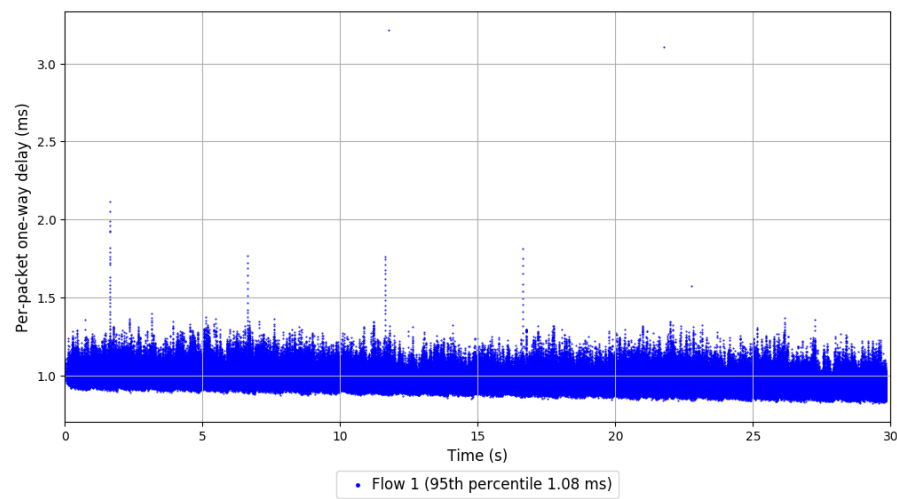
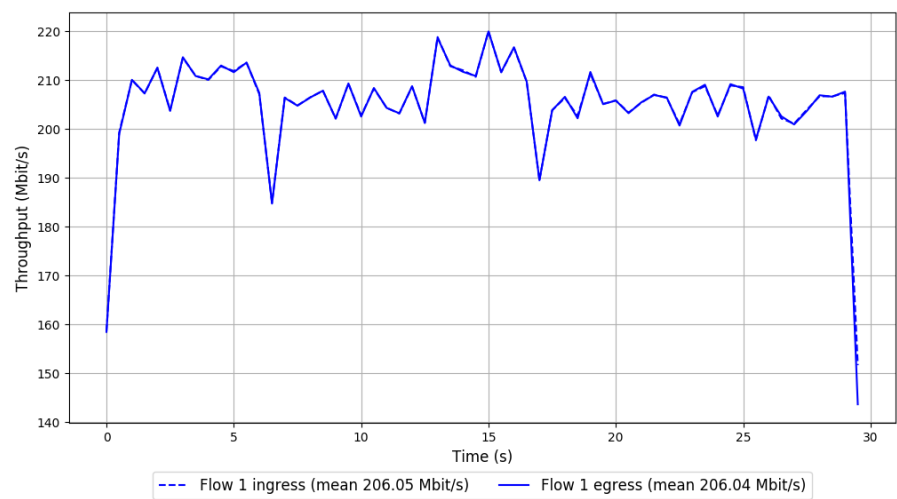


Run 7: Statistics of Indigo-1-32

Start at: 2018-03-20 13:53:05
End at: 2018-03-20 13:53:35
Local clock offset: 2.23 ms
Remote clock offset: -5.692 ms

Below is generated by plot.py at 2018-03-20 21:38:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 206.04 Mbit/s
95th percentile per-packet one-way delay: 1.082 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 206.04 Mbit/s
95th percentile per-packet one-way delay: 1.082 ms
Loss rate: 0.07%

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



Run 8: Statistics of Indigo-1-32

Start at: 2018-03-20 14:20:32

End at: 2018-03-20 14:21:02

Local clock offset: 3.277 ms

Remote clock offset: -5.726 ms

Below is generated by plot.py at 2018-03-20 21:38:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 199.15 Mbit/s

95th percentile per-packet one-way delay: 1.219 ms

Loss rate: 0.06%

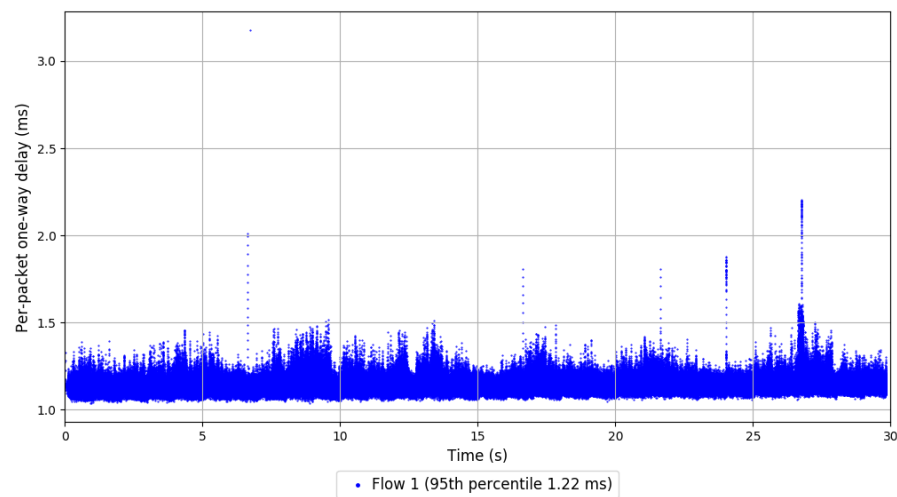
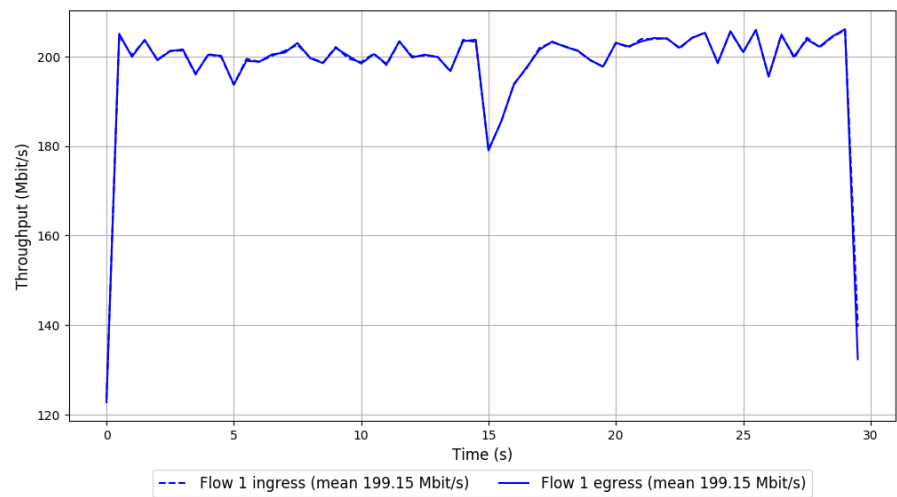
-- Flow 1:

Average throughput: 199.15 Mbit/s

95th percentile per-packet one-way delay: 1.219 ms

Loss rate: 0.06%

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



Run 9: Statistics of Indigo-1-32

Start at: 2018-03-20 14:47:58

End at: 2018-03-20 14:48:28

Local clock offset: 2.141 ms

Remote clock offset: -6.198 ms

Below is generated by plot.py at 2018-03-20 21:38:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 198.39 Mbit/s

95th percentile per-packet one-way delay: 1.286 ms

Loss rate: 0.05%

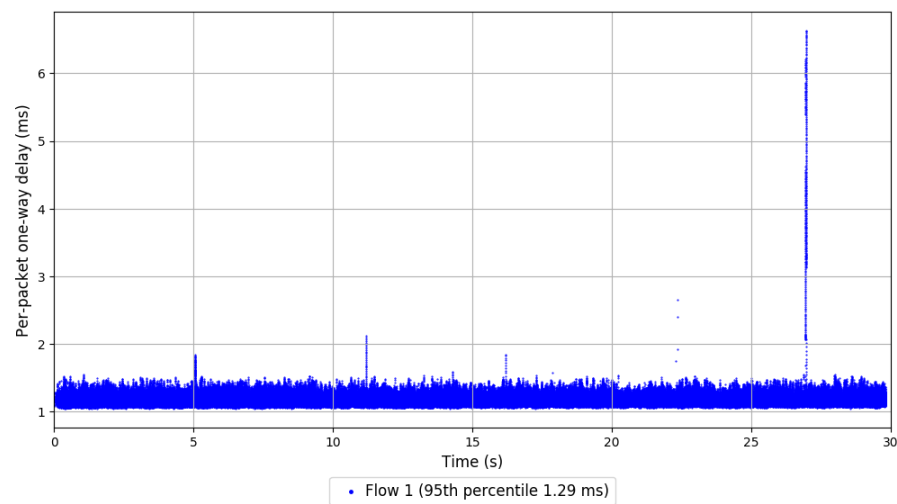
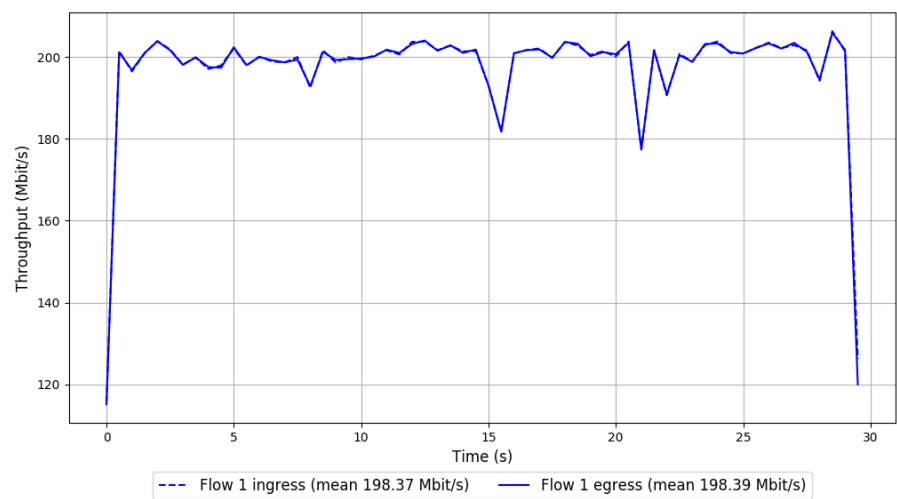
-- Flow 1:

Average throughput: 198.39 Mbit/s

95th percentile per-packet one-way delay: 1.286 ms

Loss rate: 0.05%

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

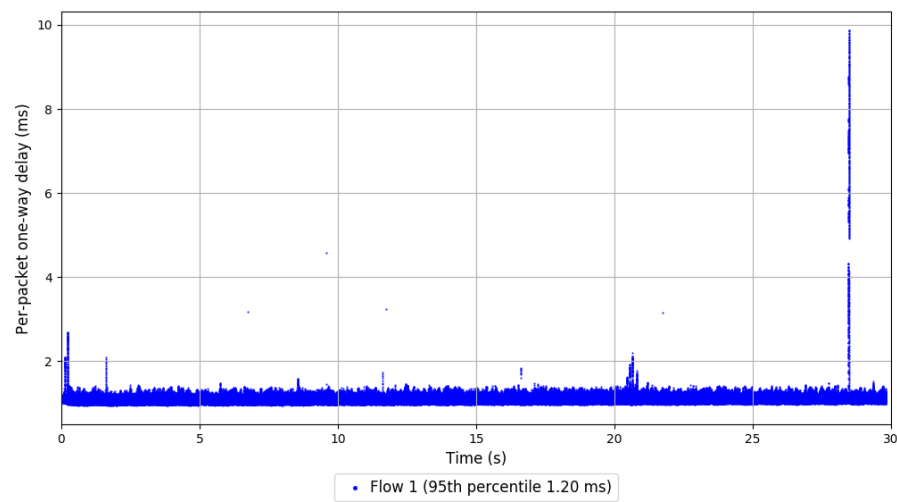
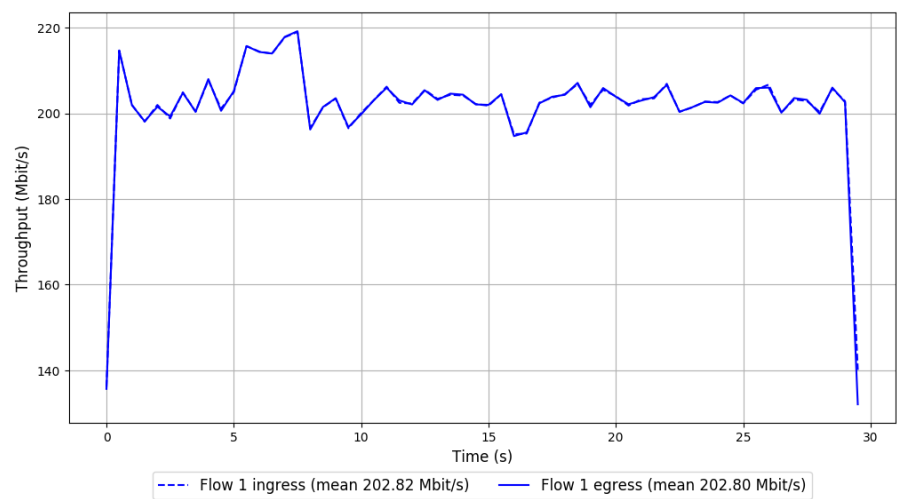


Run 10: Statistics of Indigo-1-32

Start at: 2018-03-20 15:15:29
End at: 2018-03-20 15:15:59
Local clock offset: -0.089 ms
Remote clock offset: -3.888 ms

Below is generated by plot.py at 2018-03-20 21:38:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 202.80 Mbit/s
95th percentile per-packet one-way delay: 1.197 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 202.80 Mbit/s
95th percentile per-packet one-way delay: 1.197 ms
Loss rate: 0.07%

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

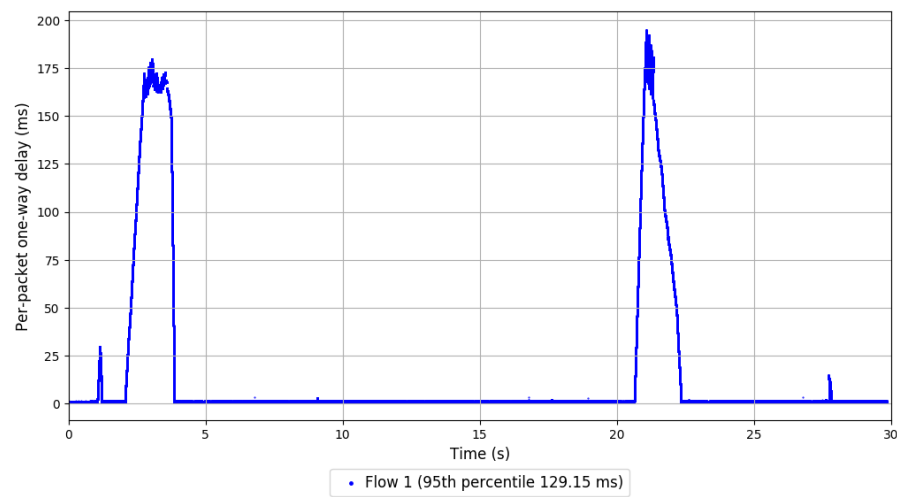
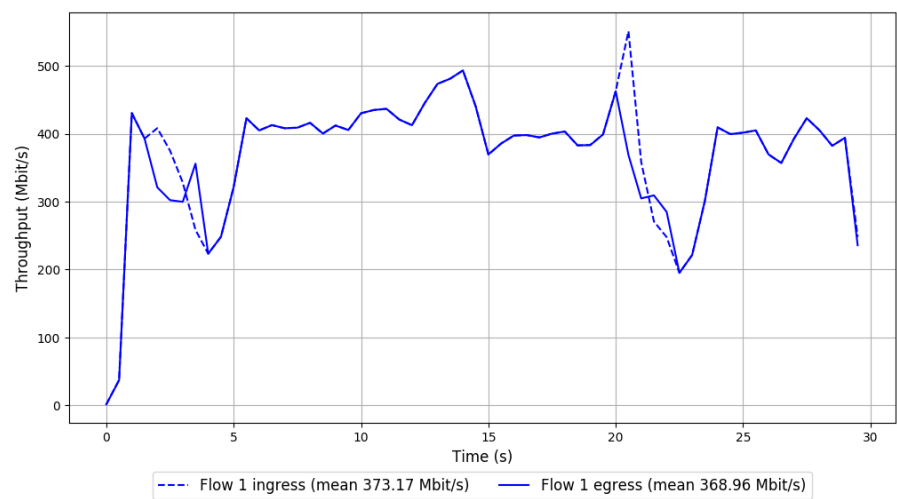


Run 1: Statistics of Vivace-latency

Start at: 2018-03-20 10:44:11
End at: 2018-03-20 10:44:41
Local clock offset: 0.36 ms
Remote clock offset: -4.158 ms

Below is generated by plot.py at 2018-03-20 21:38:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 368.96 Mbit/s
95th percentile per-packet one-way delay: 129.149 ms
Loss rate: 1.19%
-- Flow 1:
Average throughput: 368.96 Mbit/s
95th percentile per-packet one-way delay: 129.149 ms
Loss rate: 1.19%

Run 1: Report of Vivace-latency — Data Link

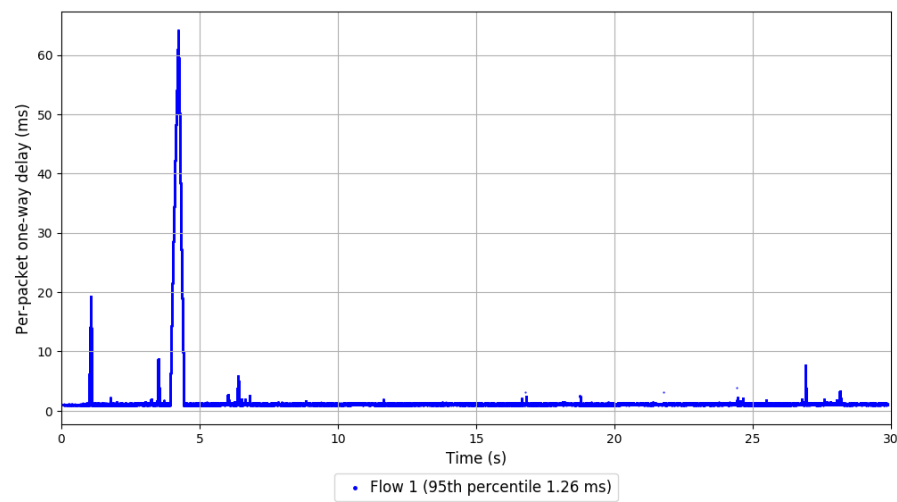
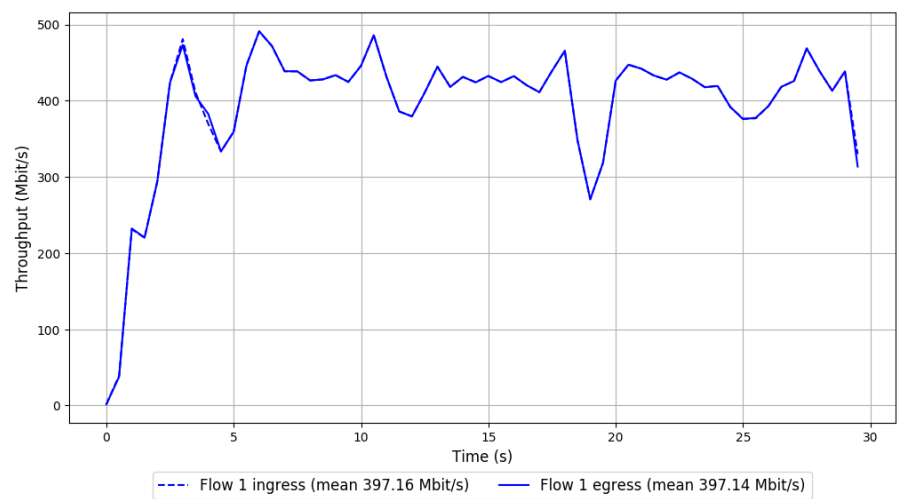


Run 2: Statistics of Vivace-latency

Start at: 2018-03-20 11:11:31
End at: 2018-03-20 11:12:01
Local clock offset: -0.688 ms
Remote clock offset: -4.603 ms

Below is generated by plot.py at 2018-03-20 21:38:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 397.14 Mbit/s
95th percentile per-packet one-way delay: 1.263 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 397.14 Mbit/s
95th percentile per-packet one-way delay: 1.263 ms
Loss rate: 0.07%

Run 2: Report of Vivace-latency — Data Link



Run 3: Statistics of Vivace-latency

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

End at: 2018-03-20 11:39:17

Local clock offset: 4.269 ms

Remote clock offset: -4.65 ms

Below is generated by plot.py at 2018-03-20 21:38:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 432.38 Mbit/s

95th percentile per-packet one-way delay: 1.145 ms

Loss rate: 0.06%

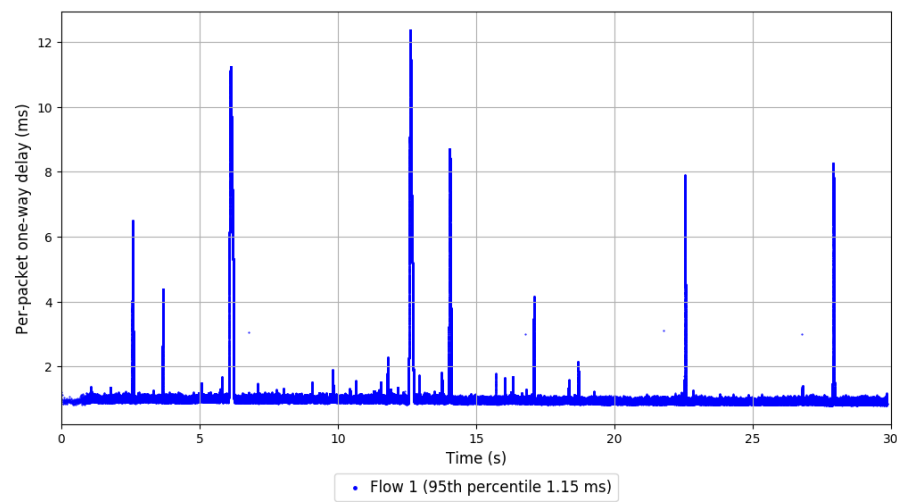
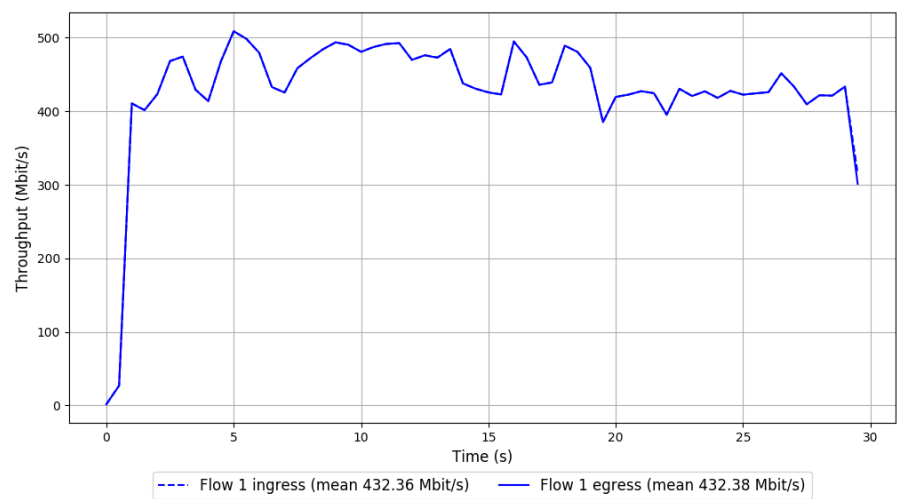
-- Flow 1:

Average throughput: 432.38 Mbit/s

95th percentile per-packet one-way delay: 1.145 ms

Loss rate: 0.06%

Run 3: Report of Vivace-latency — Data Link

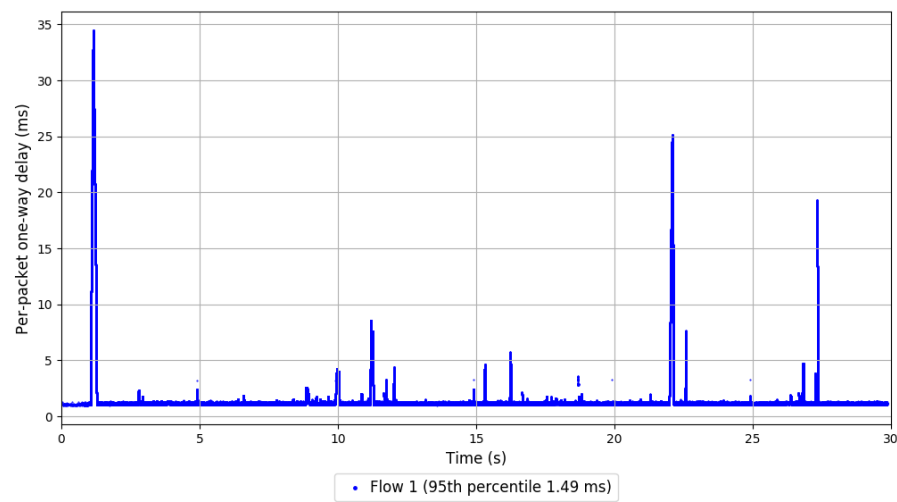
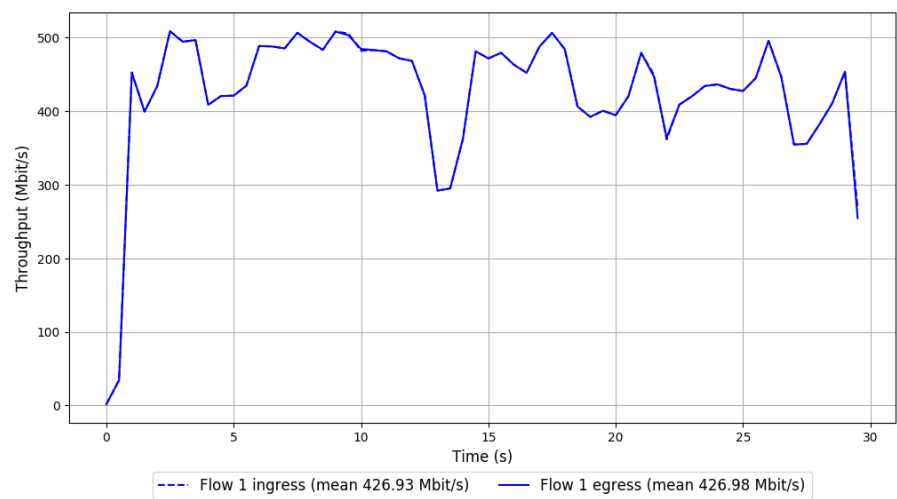


Run 4: Statistics of Vivace-latency

Start at: 2018-03-20 12:06:10
End at: 2018-03-20 12:06:40
Local clock offset: 5.216 ms
Remote clock offset: -4.821 ms

Below is generated by plot.py at 2018-03-20 21:38:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 426.98 Mbit/s
95th percentile per-packet one-way delay: 1.494 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 426.98 Mbit/s
95th percentile per-packet one-way delay: 1.494 ms
Loss rate: 0.05%

Run 4: Report of Vivace-latency — Data Link

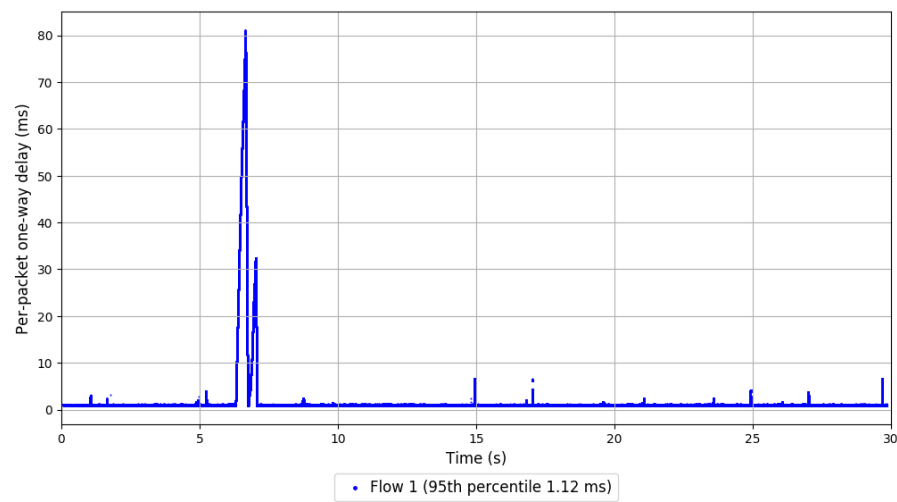
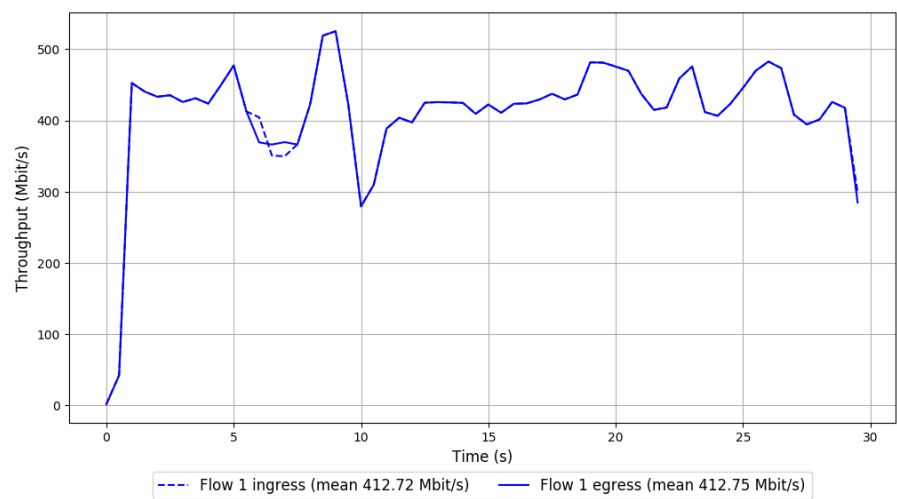


Run 5: Statistics of Vivace-latency

Start at: 2018-03-20 12:33:34
End at: 2018-03-20 12:34:04
Local clock offset: 5.042 ms
Remote clock offset: -5.076 ms

Below is generated by plot.py at 2018-03-20 21:38:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 412.75 Mbit/s
95th percentile per-packet one-way delay: 1.118 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 412.75 Mbit/s
95th percentile per-packet one-way delay: 1.118 ms
Loss rate: 0.06%

Run 5: Report of Vivace-latency — Data Link

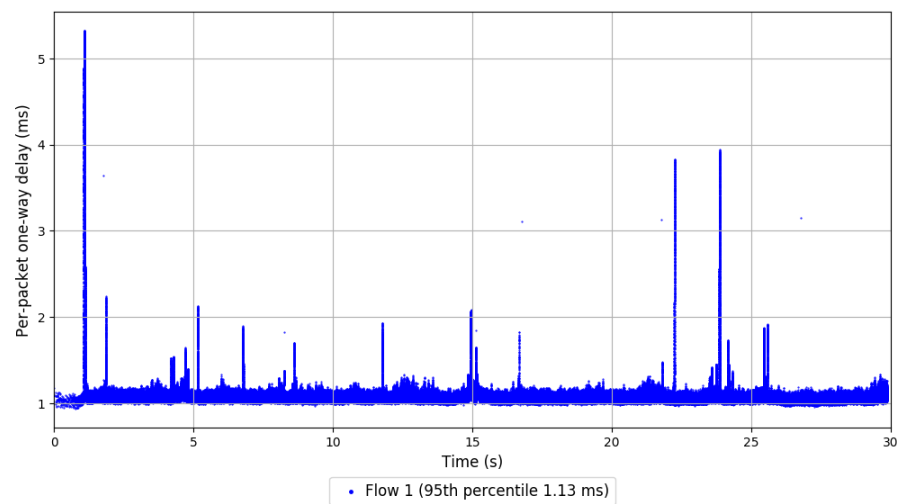
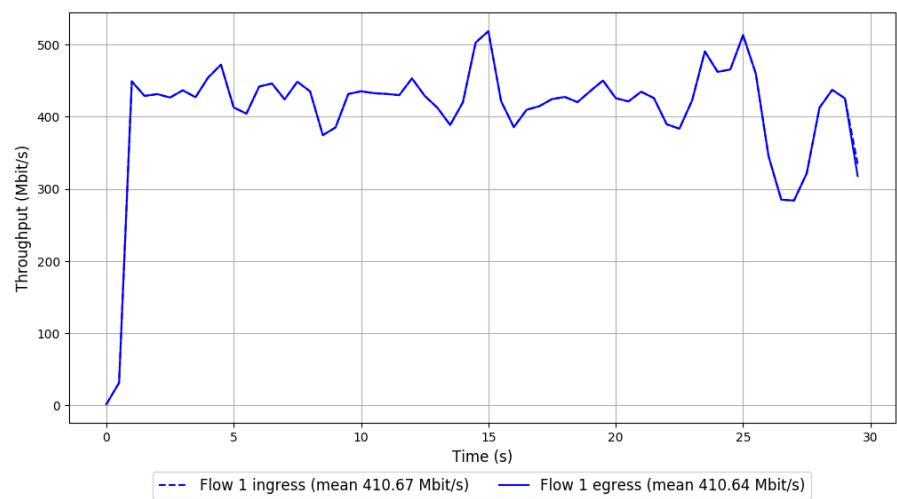


Run 6: Statistics of Vivace-latency

Start at: 2018-03-20 13:01:06
End at: 2018-03-20 13:01:36
Local clock offset: 5.5 ms
Remote clock offset: -6.269 ms

Below is generated by plot.py at 2018-03-20 21:38:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 410.64 Mbit/s
95th percentile per-packet one-way delay: 1.134 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 410.64 Mbit/s
95th percentile per-packet one-way delay: 1.134 ms
Loss rate: 0.07%

Run 6: Report of Vivace-latency — Data Link



Run 7: Statistics of Vivace-latency

Start at: 2018-03-20 13:28:32

End at: 2018-03-20 13:29:02

Local clock offset: -1.191 ms

Remote clock offset: -6.19 ms

Below is generated by plot.py at 2018-03-20 21:40:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 425.30 Mbit/s

95th percentile per-packet one-way delay: 1.264 ms

Loss rate: 0.05%

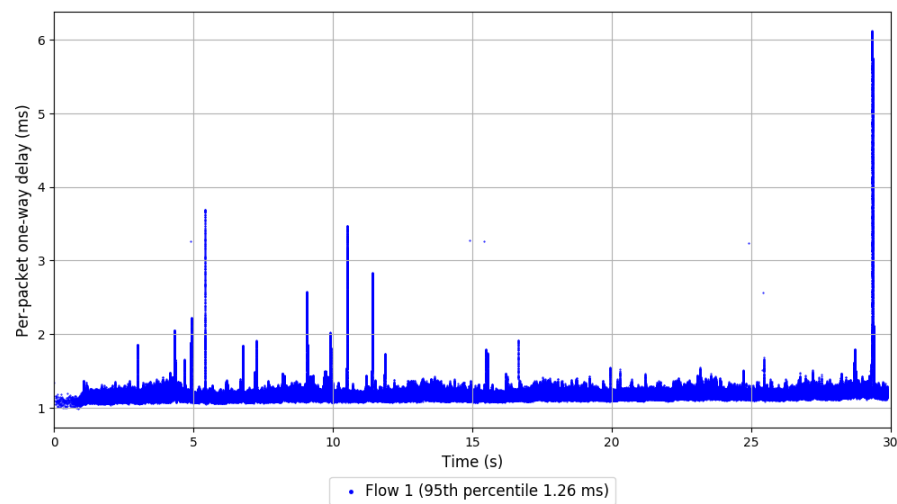
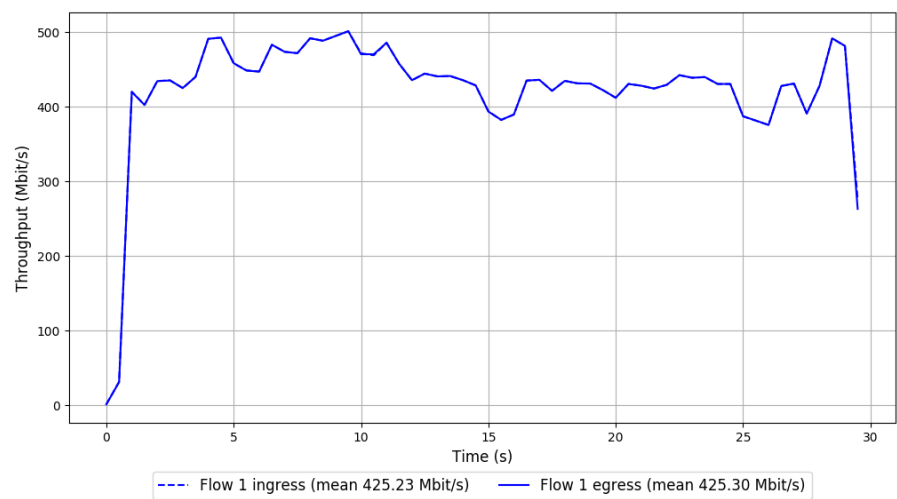
-- Flow 1:

Average throughput: 425.30 Mbit/s

95th percentile per-packet one-way delay: 1.264 ms

Loss rate: 0.05%

Run 7: Report of Vivace-latency — Data Link

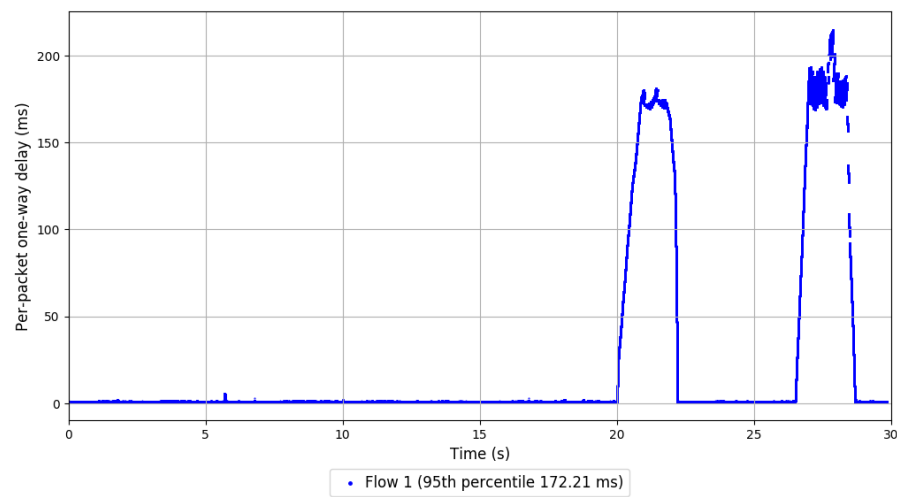
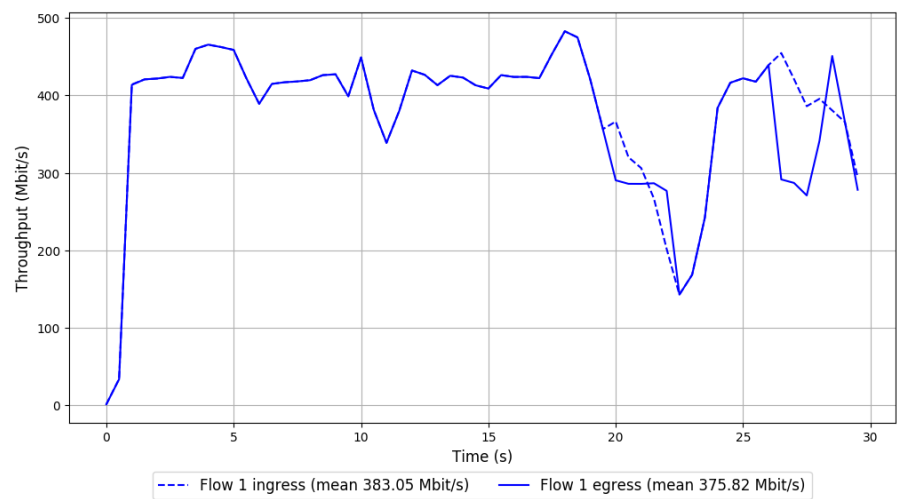


Run 8: Statistics of Vivace-latency

Start at: 2018-03-20 13:55:57
End at: 2018-03-20 13:56:27
Local clock offset: 2.749 ms
Remote clock offset: -5.616 ms

Below is generated by plot.py at 2018-03-20 21:40:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 375.82 Mbit/s
95th percentile per-packet one-way delay: 172.208 ms
Loss rate: 1.96%
-- Flow 1:
Average throughput: 375.82 Mbit/s
95th percentile per-packet one-way delay: 172.208 ms
Loss rate: 1.96%

Run 8: Report of Vivace-latency — Data Link

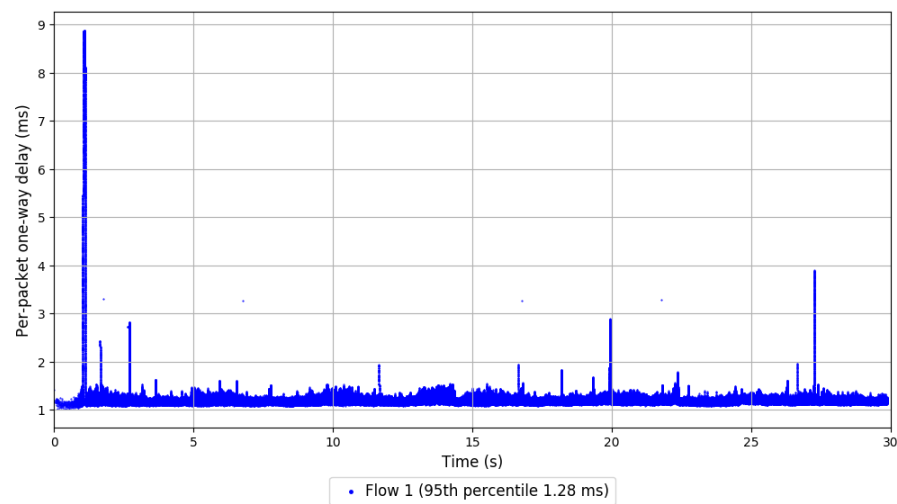
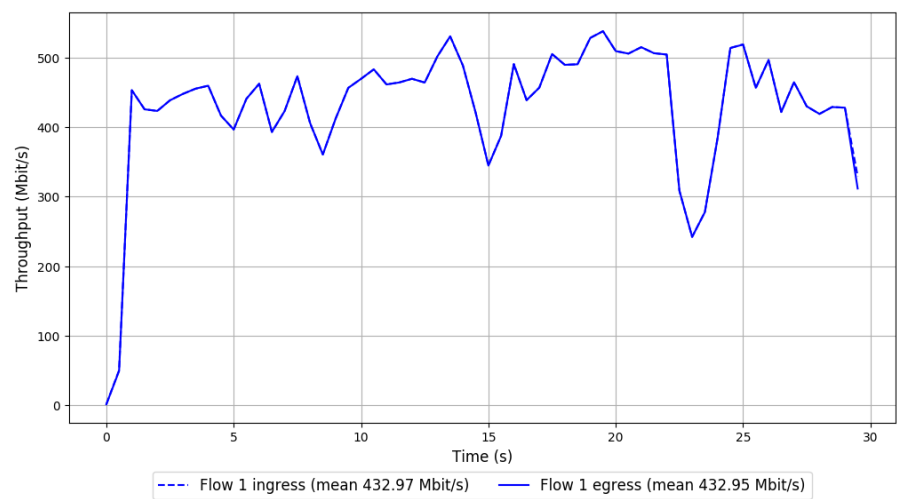


Run 9: Statistics of Vivace-latency

Start at: 2018-03-20 14:23:24
End at: 2018-03-20 14:23:54
Local clock offset: 3.027 ms
Remote clock offset: -5.817 ms

Below is generated by plot.py at 2018-03-20 21:43:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 432.95 Mbit/s
95th percentile per-packet one-way delay: 1.283 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 432.95 Mbit/s
95th percentile per-packet one-way delay: 1.283 ms
Loss rate: 0.07%

Run 9: Report of Vivace-latency — Data Link



Run 10: Statistics of Vivace-latency

Start at: 2018-03-20 14:50:51

End at: 2018-03-20 14:51:21

Local clock offset: 1.817 ms

Remote clock offset: -5.76 ms

Below is generated by plot.py at 2018-03-20 21:43:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 414.53 Mbit/s

95th percentile per-packet one-way delay: 1.501 ms

Loss rate: 0.08%

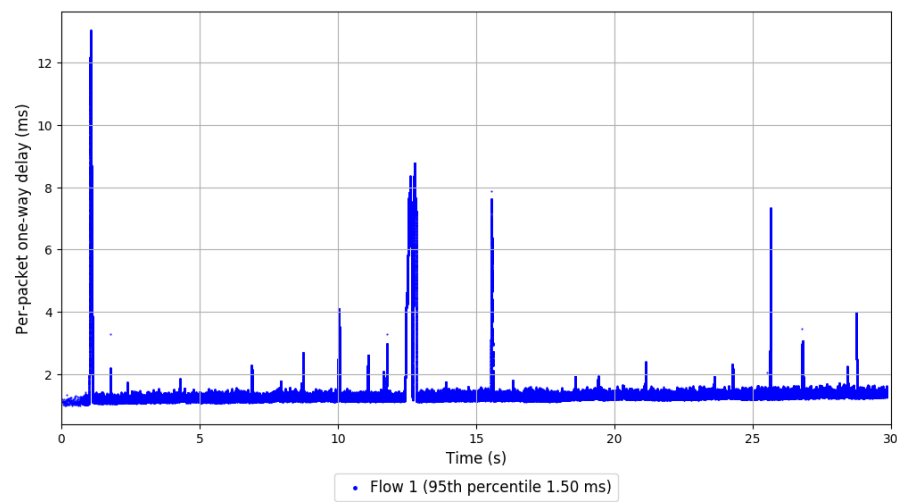
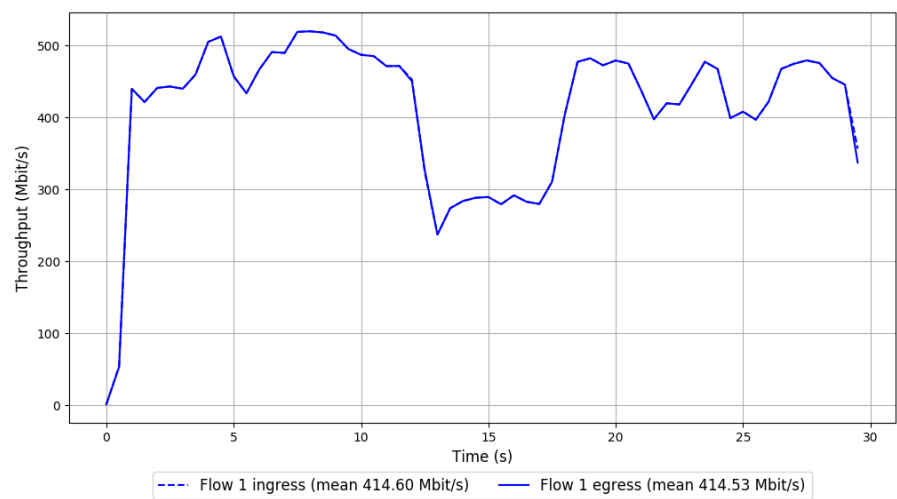
-- Flow 1:

Average throughput: 414.53 Mbit/s

95th percentile per-packet one-way delay: 1.501 ms

Loss rate: 0.08%

Run 10: Report of Vivace-latency — Data Link

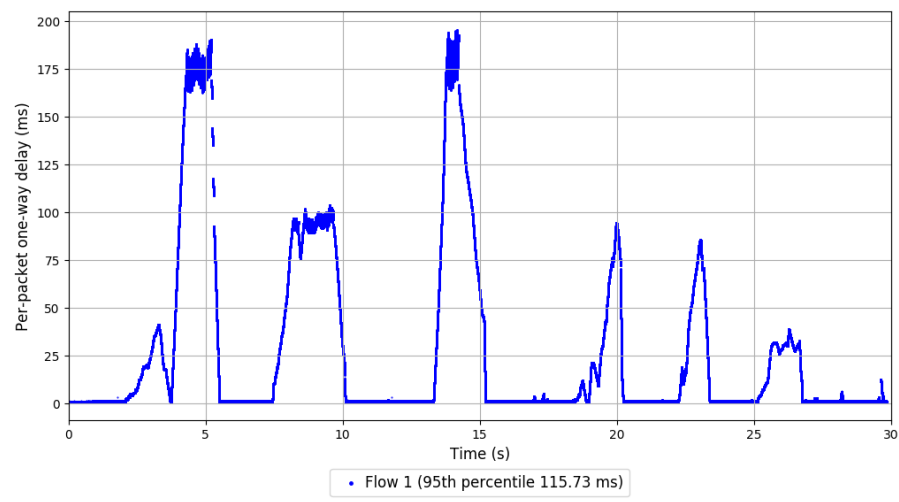
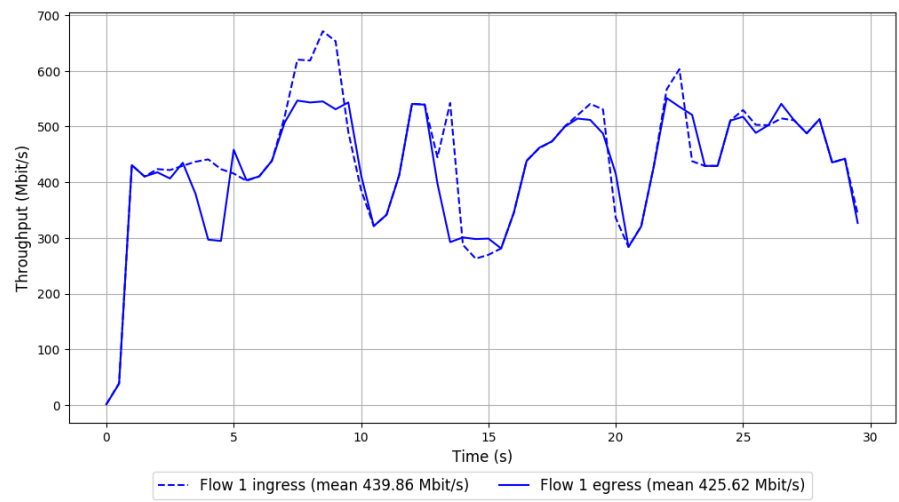


Run 1: Statistics of Vivace-loss

Start at: 2018-03-20 10:56:10
End at: 2018-03-20 10:56:40
Local clock offset: -0.095 ms
Remote clock offset: -4.502 ms

Below is generated by plot.py at 2018-03-20 21:43:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 425.62 Mbit/s
95th percentile per-packet one-way delay: 115.729 ms
Loss rate: 3.30%
-- Flow 1:
Average throughput: 425.62 Mbit/s
95th percentile per-packet one-way delay: 115.729 ms
Loss rate: 3.30%

Run 1: Report of Vivace-loss — Data Link

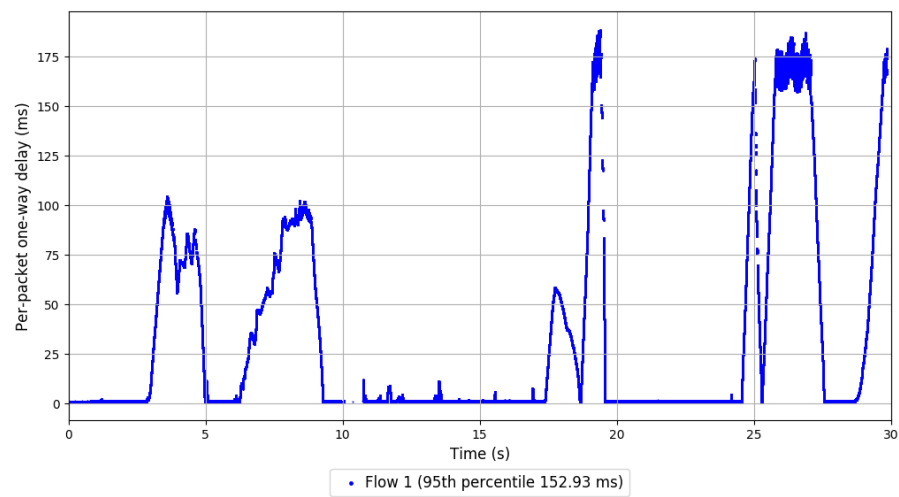
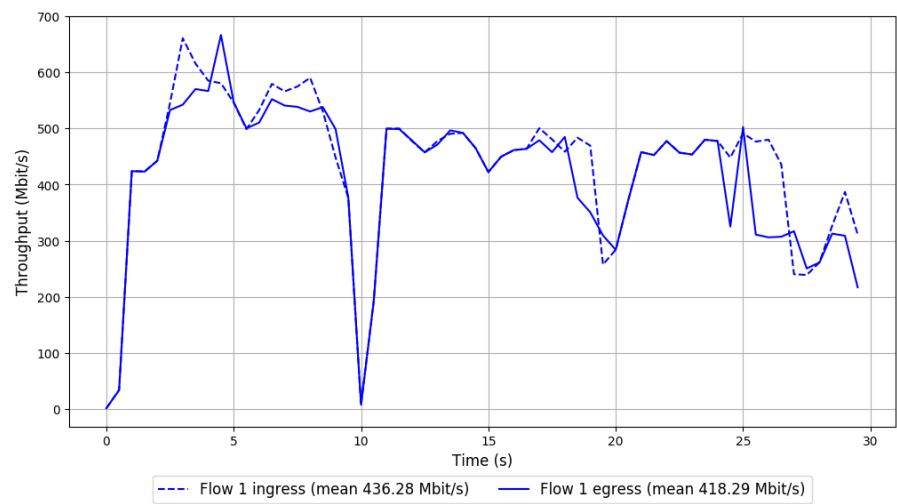


Run 2: Statistics of Vivace-loss

Start at: 2018-03-20 11:23:25
End at: 2018-03-20 11:23:55
Local clock offset: -1.0 ms
Remote clock offset: -4.499 ms

Below is generated by plot.py at 2018-03-20 21:44:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 418.29 Mbit/s
95th percentile per-packet one-way delay: 152.929 ms
Loss rate: 4.19%
-- Flow 1:
Average throughput: 418.29 Mbit/s
95th percentile per-packet one-way delay: 152.929 ms
Loss rate: 4.19%

Run 2: Report of Vivace-loss — Data Link

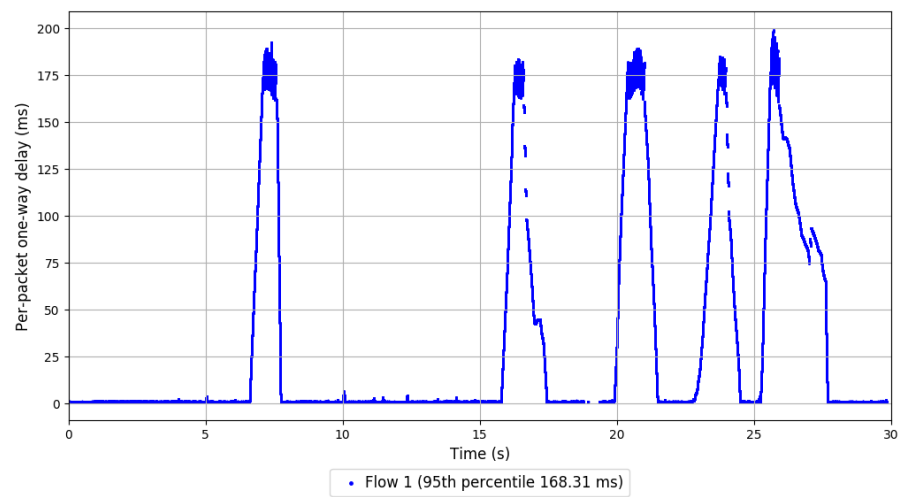
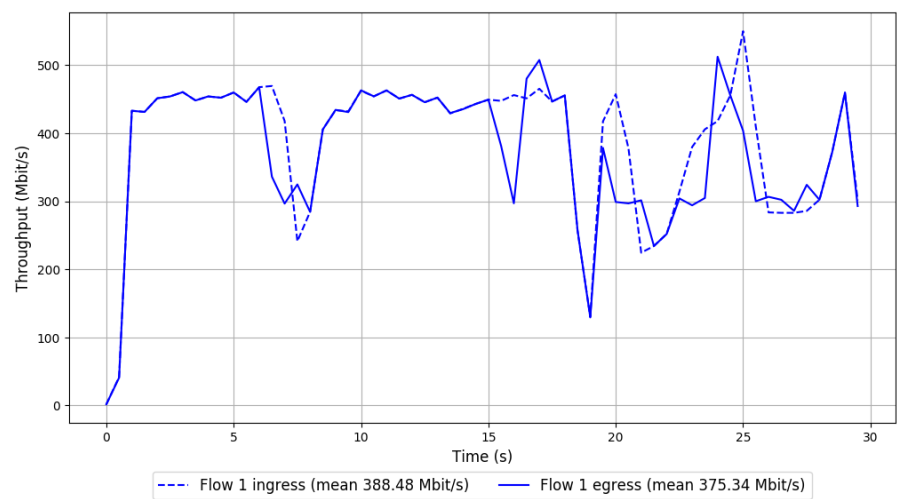


Run 3: Statistics of Vivace-loss

Start at: 2018-03-20 11:50:39
End at: 2018-03-20 11:51:09
Local clock offset: 5.69 ms
Remote clock offset: -4.644 ms

Below is generated by plot.py at 2018-03-20 21:44:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 375.34 Mbit/s
95th percentile per-packet one-way delay: 168.314 ms
Loss rate: 3.50%
-- Flow 1:
Average throughput: 375.34 Mbit/s
95th percentile per-packet one-way delay: 168.314 ms
Loss rate: 3.50%

Run 3: Report of Vivace-loss — Data Link



Run 4: Statistics of Vivace-loss

Start at: 2018-03-20 12:17:54

End at: 2018-03-20 12:18:24

Local clock offset: 4.903 ms

Remote clock offset: -4.987 ms

Below is generated by plot.py at 2018-03-20 21:45:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 455.62 Mbit/s

95th percentile per-packet one-way delay: 74.544 ms

Loss rate: 1.31%

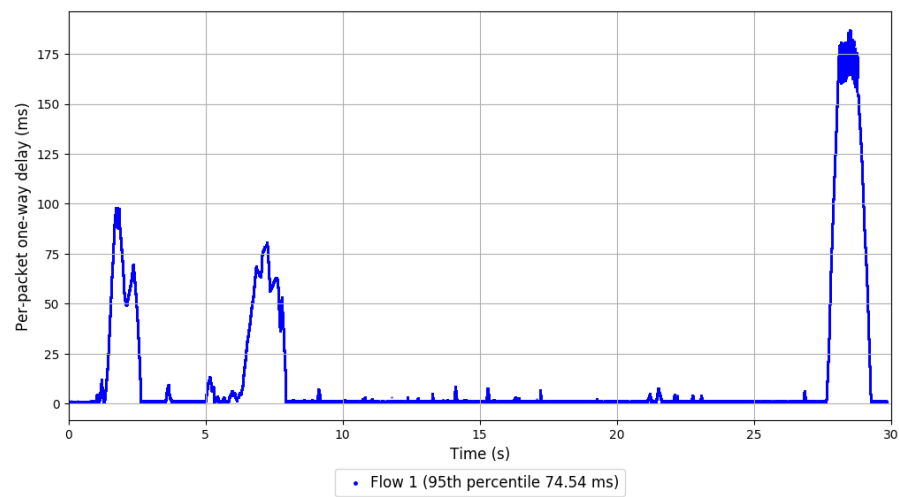
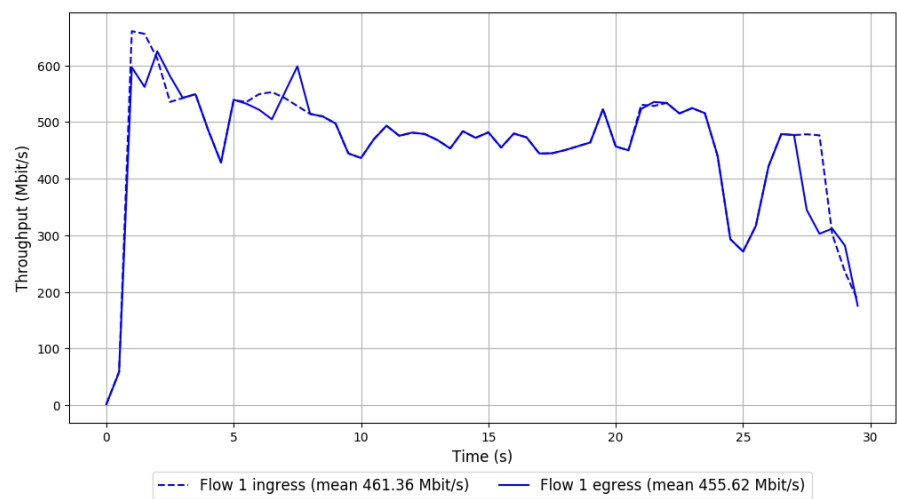
-- Flow 1:

Average throughput: 455.62 Mbit/s

95th percentile per-packet one-way delay: 74.544 ms

Loss rate: 1.31%

Run 4: Report of Vivace-loss — Data Link



Run 5: Statistics of Vivace-loss

Start at: 2018-03-20 12:45:24

End at: 2018-03-20 12:45:54

Local clock offset: 5.073 ms

Remote clock offset: -5.908 ms

Below is generated by plot.py at 2018-03-20 21:47:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 476.59 Mbit/s

95th percentile per-packet one-way delay: 122.043 ms

Loss rate: 3.27%

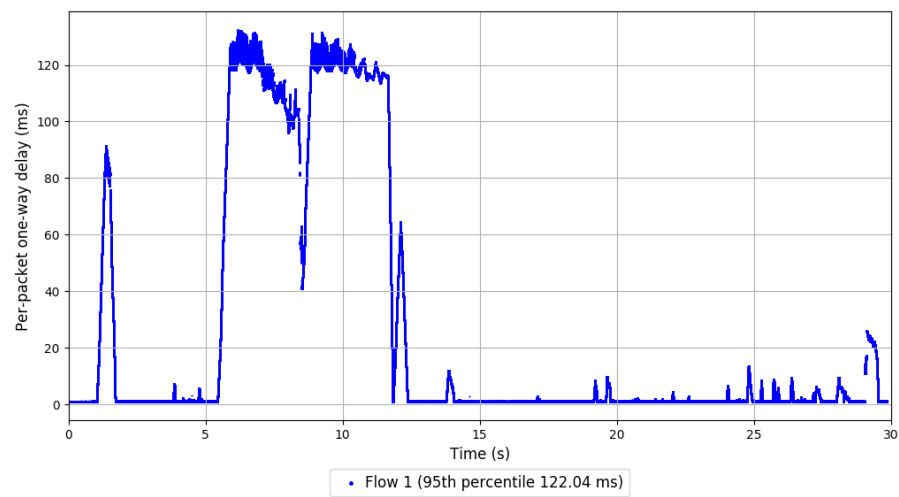
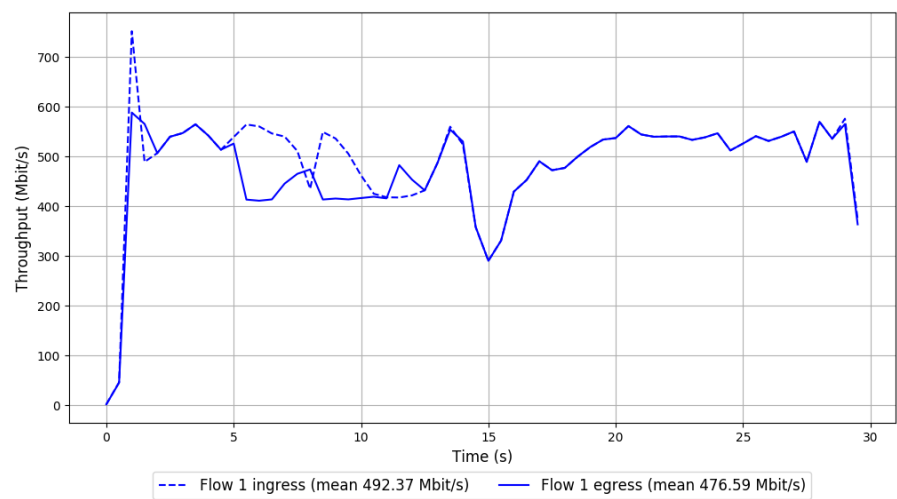
-- Flow 1:

Average throughput: 476.59 Mbit/s

95th percentile per-packet one-way delay: 122.043 ms

Loss rate: 3.27%

Run 5: Report of Vivace-loss — Data Link



Run 6: Statistics of Vivace-loss

Start at: 2018-03-20 13:12:54

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

Local clock offset: 2.671 ms

Remote clock offset: -6.196 ms

Below is generated by plot.py at 2018-03-20 21:47:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 385.13 Mbit/s

95th percentile per-packet one-way delay: 177.024 ms

Loss rate: 8.36%

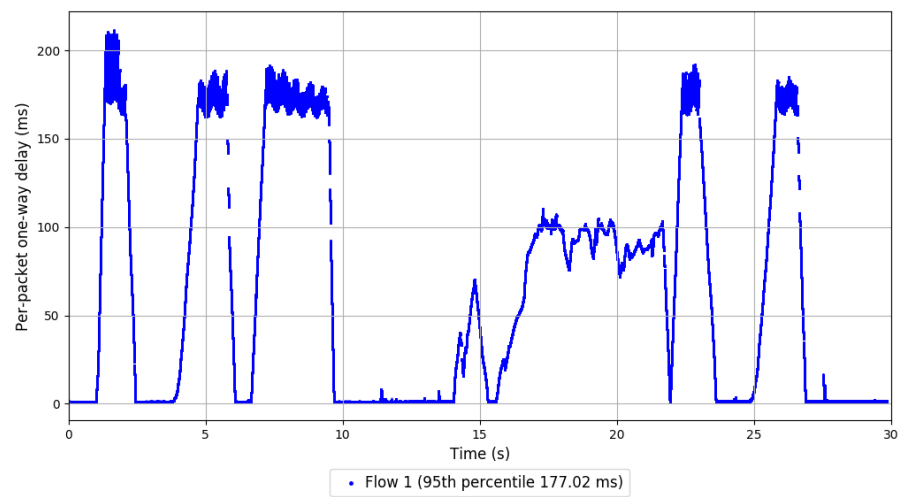
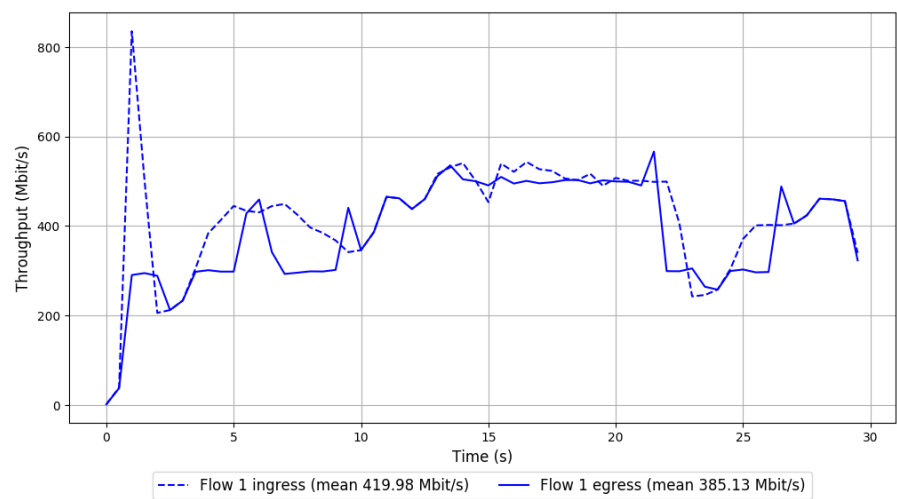
-- Flow 1:

Average throughput: 385.13 Mbit/s

95th percentile per-packet one-way delay: 177.024 ms

Loss rate: 8.36%

Run 6: Report of Vivace-loss — Data Link

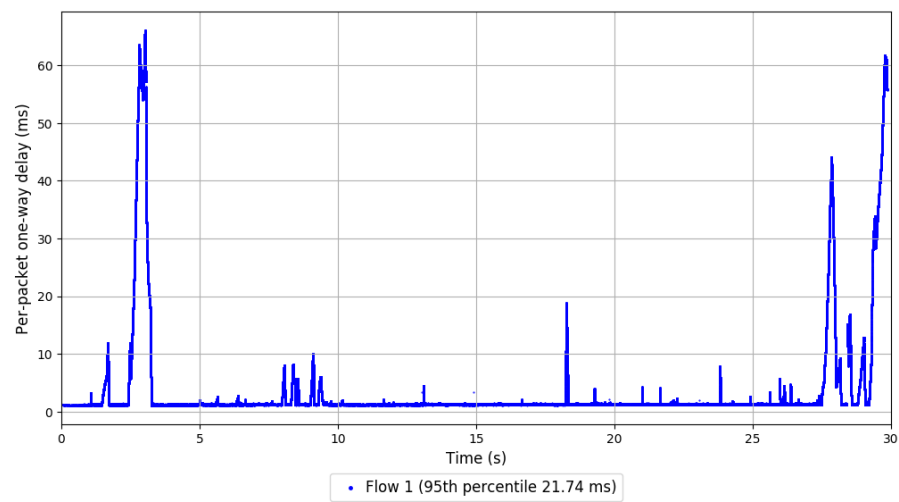
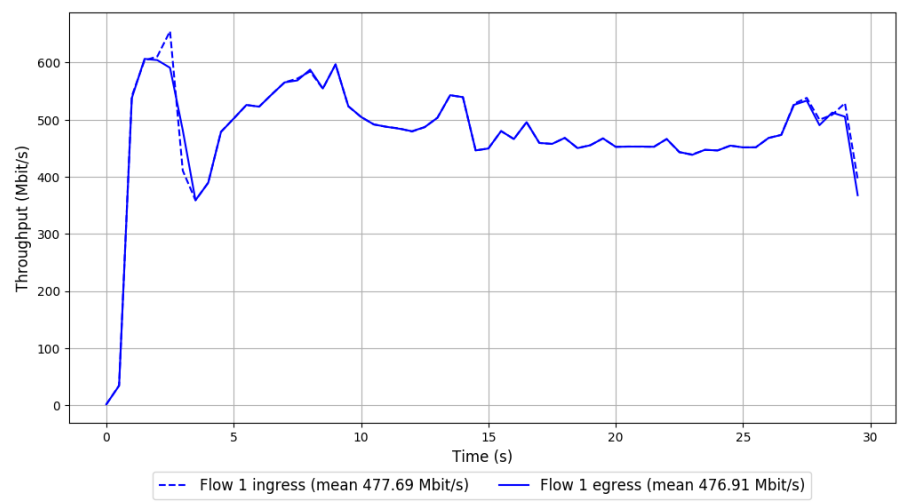


Run 7: Statistics of Vivace-loss

Start at: 2018-03-20 13:40:24
End at: 2018-03-20 13:40:54
Local clock offset: -2.618 ms
Remote clock offset: -6.362 ms

Below is generated by plot.py at 2018-03-20 21:50:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 476.91 Mbit/s
95th percentile per-packet one-way delay: 21.738 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 476.91 Mbit/s
95th percentile per-packet one-way delay: 21.738 ms
Loss rate: 0.23%

Run 7: Report of Vivace-loss — Data Link



Run 8: Statistics of Vivace-loss

Start at: 2018-03-20 14:07:47

End at: 2018-03-20 14:08:17

Local clock offset: 3.715 ms

Remote clock offset: -5.436 ms

Below is generated by plot.py at 2018-03-20 21:50:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 400.94 Mbit/s

95th percentile per-packet one-way delay: 162.471 ms

Loss rate: 3.35%

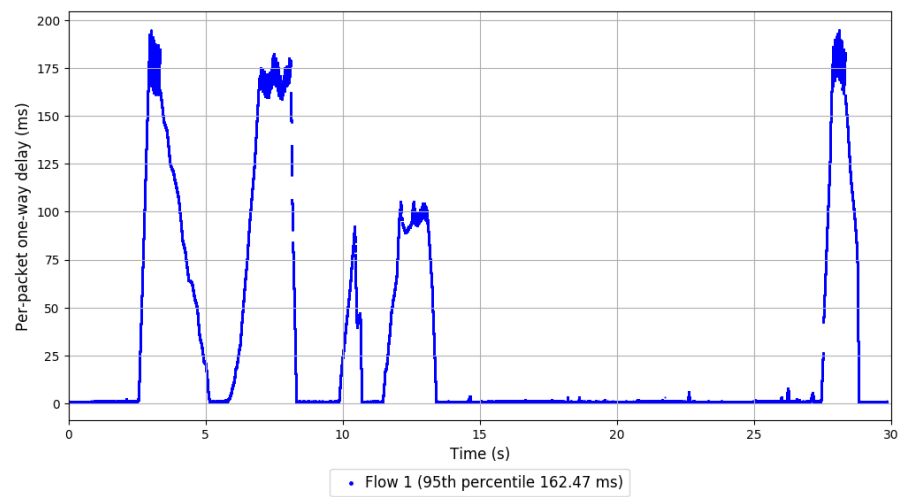
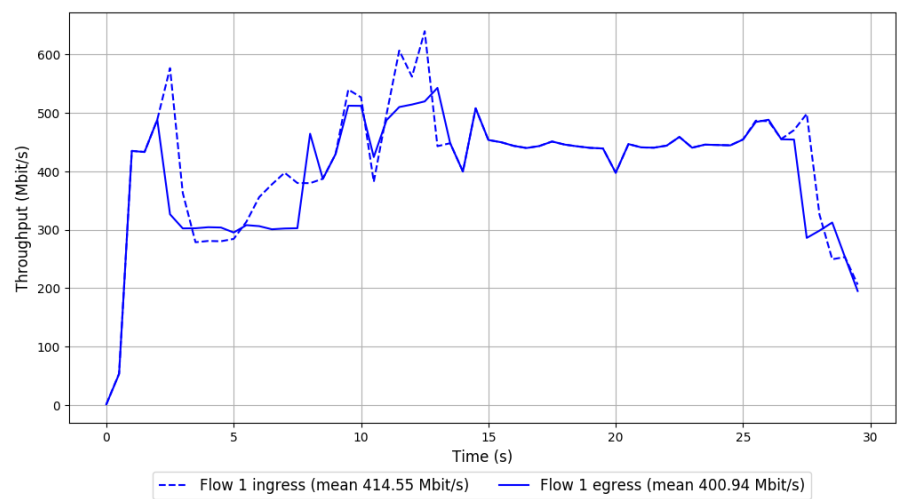
-- Flow 1:

Average throughput: 400.94 Mbit/s

95th percentile per-packet one-way delay: 162.471 ms

Loss rate: 3.35%

Run 8: Report of Vivace-loss — Data Link

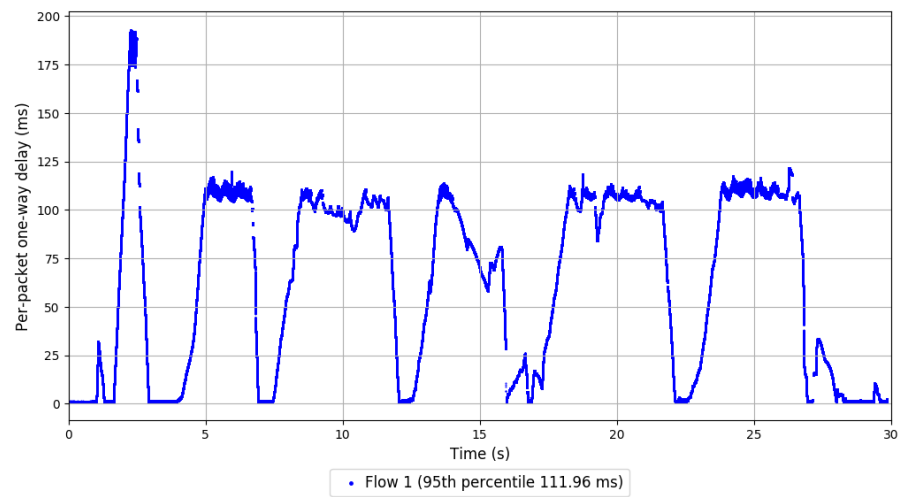
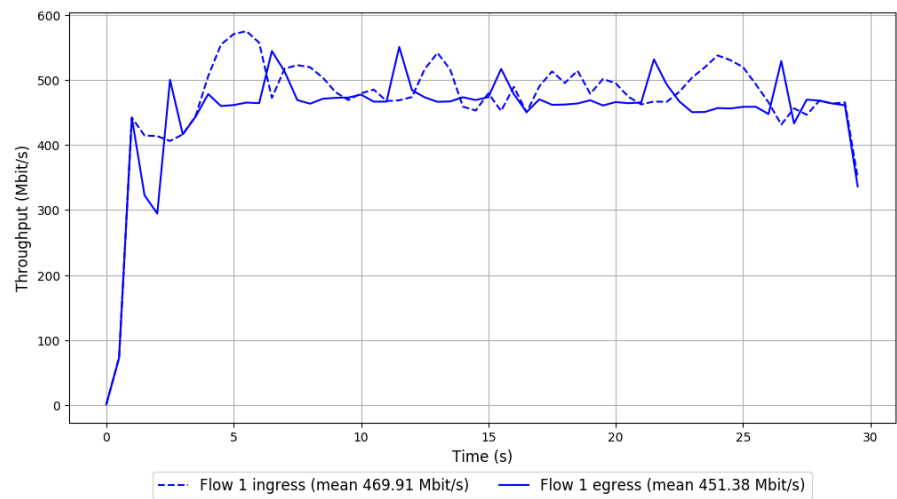


Run 9: Statistics of Vivace-loss

Start at: 2018-03-20 14:35:20
End at: 2018-03-20 14:35:50
Local clock offset: 2.435 ms
Remote clock offset: -6.069 ms

Below is generated by plot.py at 2018-03-20 21:50:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 451.38 Mbit/s
95th percentile per-packet one-way delay: 111.956 ms
Loss rate: 4.01%
-- Flow 1:
Average throughput: 451.38 Mbit/s
95th percentile per-packet one-way delay: 111.956 ms
Loss rate: 4.01%

Run 9: Report of Vivace-loss — Data Link

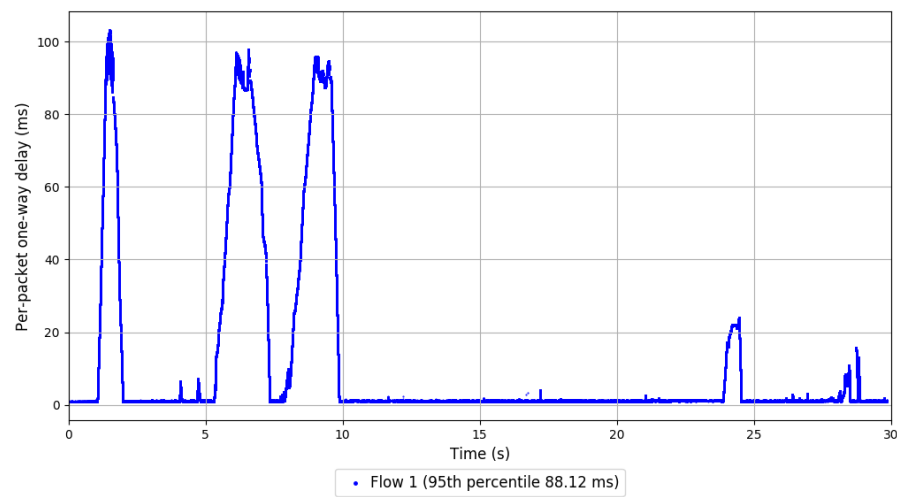
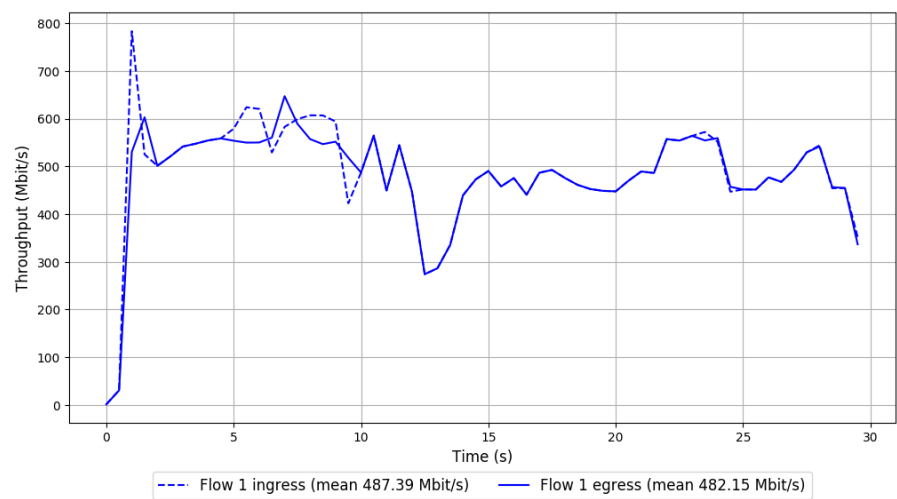


Run 10: Statistics of Vivace-loss

Start at: 2018-03-20 15:02:46
End at: 2018-03-20 15:03:16
Local clock offset: 0.549 ms
Remote clock offset: -4.341 ms

Below is generated by plot.py at 2018-03-20 21:51:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 482.15 Mbit/s
95th percentile per-packet one-way delay: 88.125 ms
Loss rate: 1.14%
-- Flow 1:
Average throughput: 482.15 Mbit/s
95th percentile per-packet one-way delay: 88.125 ms
Loss rate: 1.14%

Run 10: Report of Vivace-loss — Data Link



Run 1: Statistics of Vivace-LTE

Start at: 2018-03-20 10:51:36

End at: 2018-03-20 10:52:06

Local clock offset: 0.121 ms

Remote clock offset: -4.18 ms

Below is generated by plot.py at 2018-03-20 21:51:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 437.02 Mbit/s

95th percentile per-packet one-way delay: 45.331 ms

Loss rate: 0.42%

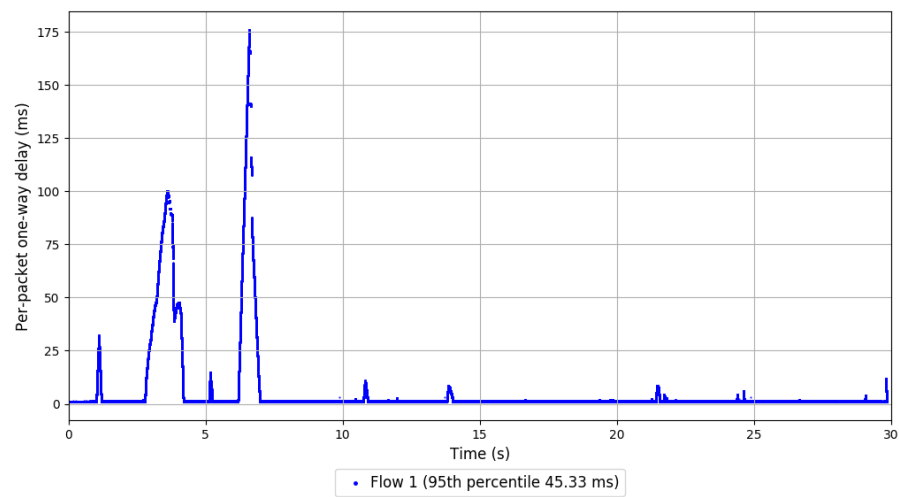
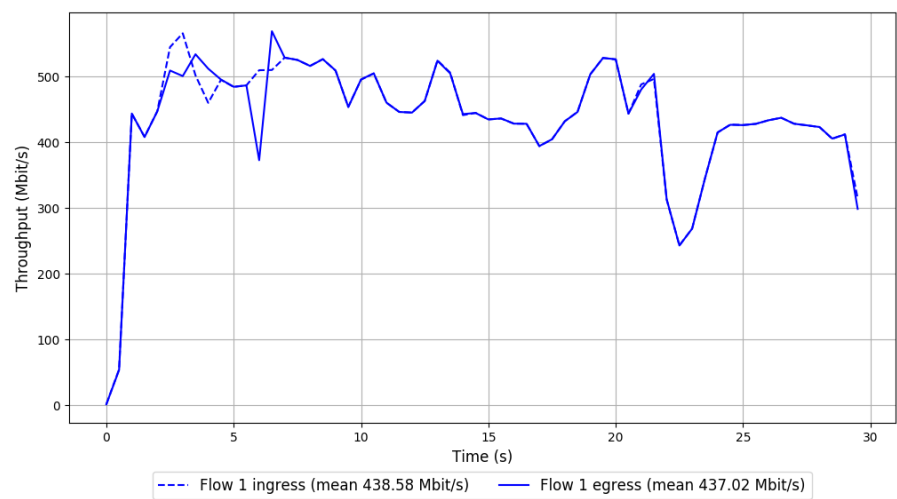
-- Flow 1:

Average throughput: 437.02 Mbit/s

95th percentile per-packet one-way delay: 45.331 ms

Loss rate: 0.42%

Run 1: Report of Vivace-LTE — Data Link

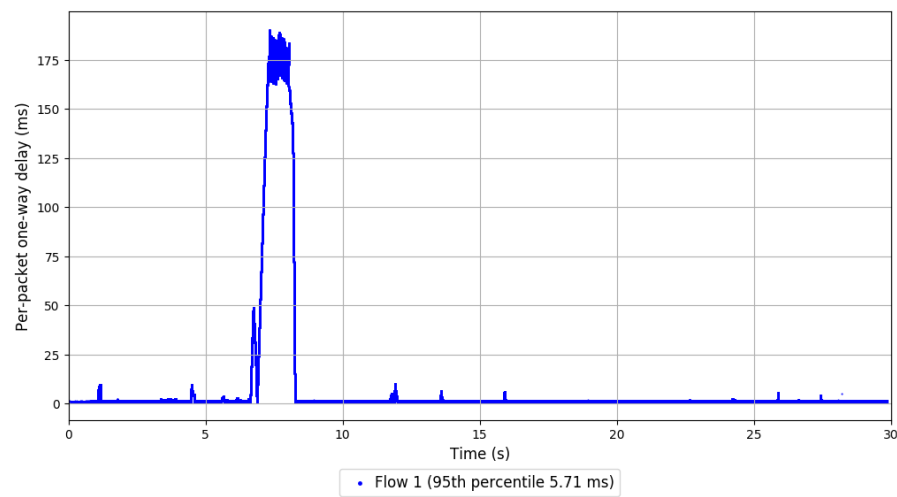
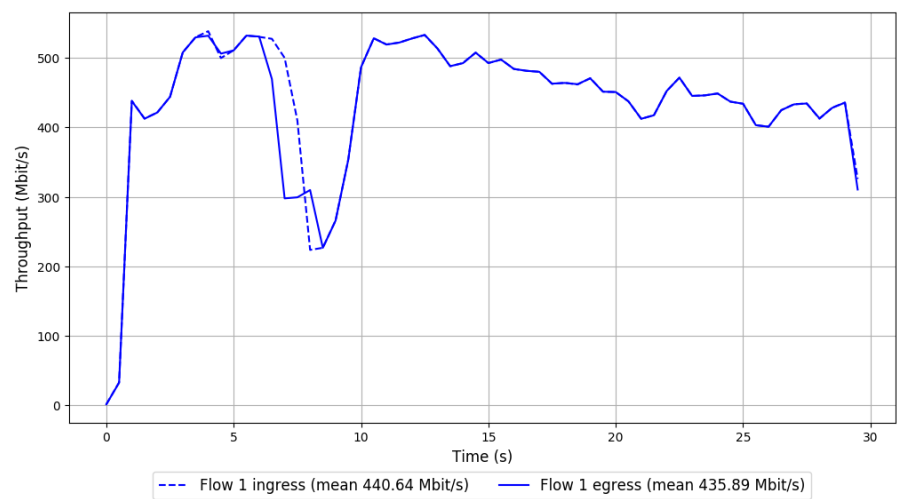


Run 2: Statistics of Vivace-LTE

Start at: 2018-03-20 11:18:51
End at: 2018-03-20 11:19:21
Local clock offset: -0.792 ms
Remote clock offset: -4.603 ms

Below is generated by plot.py at 2018-03-20 21:51:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 435.89 Mbit/s
95th percentile per-packet one-way delay: 5.711 ms
Loss rate: 1.14%
-- Flow 1:
Average throughput: 435.89 Mbit/s
95th percentile per-packet one-way delay: 5.711 ms
Loss rate: 1.14%

Run 2: Report of Vivace-LTE — Data Link

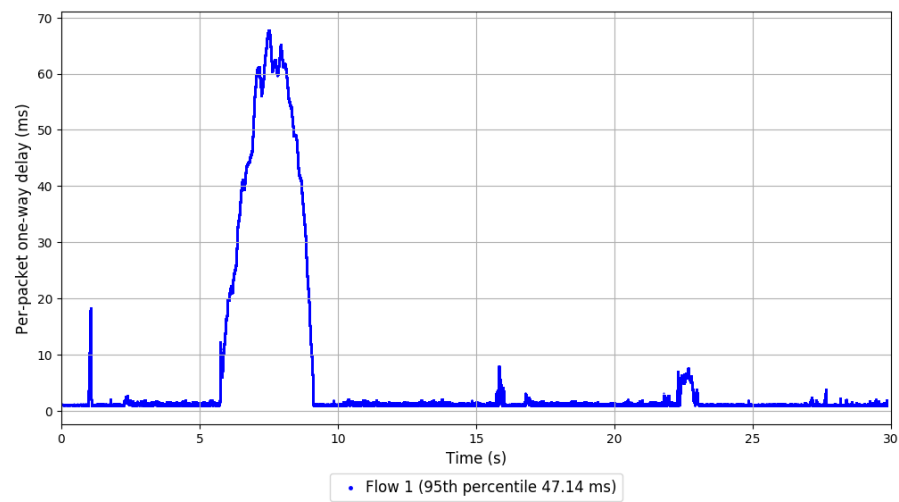
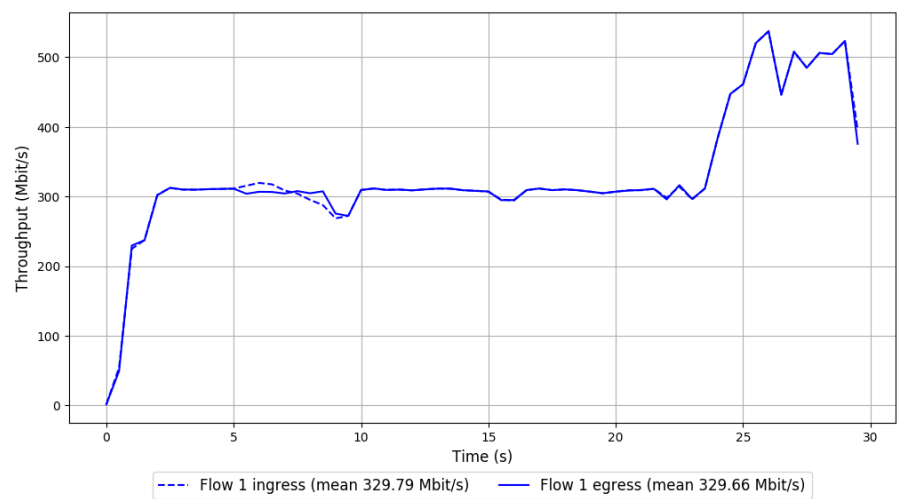


Run 3: Statistics of Vivace-LTE

Start at: 2018-03-20 11:46:14
End at: 2018-03-20 11:46:44
Local clock offset: 5.291 ms
Remote clock offset: -4.668 ms

Below is generated by plot.py at 2018-03-20 21:52:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 329.66 Mbit/s
95th percentile per-packet one-way delay: 47.143 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 329.66 Mbit/s
95th percentile per-packet one-way delay: 47.143 ms
Loss rate: 0.10%

Run 3: Report of Vivace-LTE — Data Link

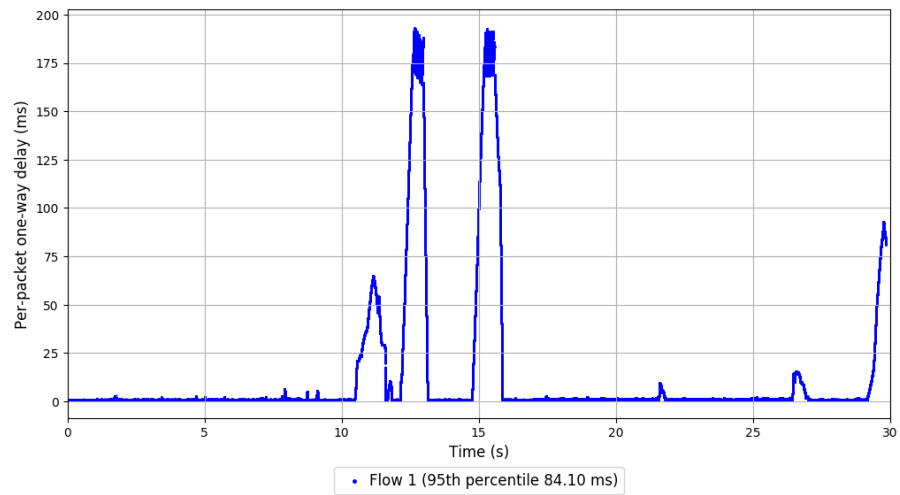
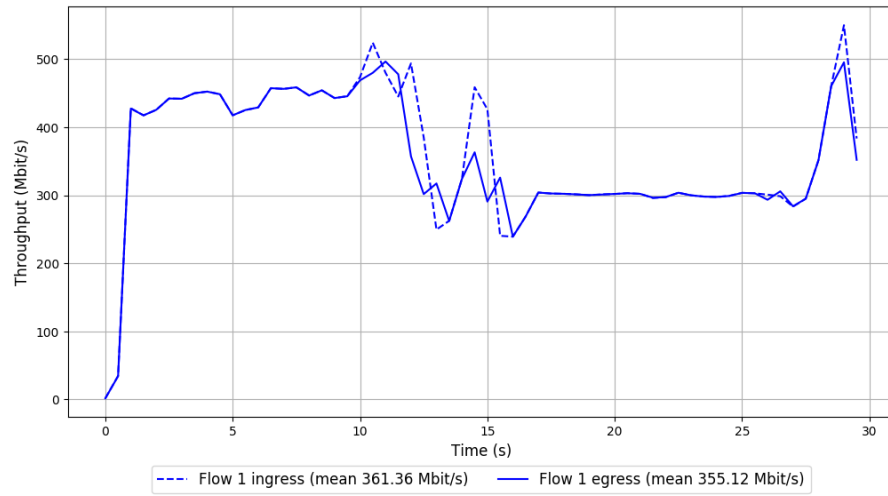


Run 4: Statistics of Vivace-LTE

Start at: 2018-03-20 12:13:27
End at: 2018-03-20 12:13:57
Local clock offset: 4.912 ms
Remote clock offset: -4.845 ms

Below is generated by plot.py at 2018-03-20 21:53:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 355.12 Mbit/s
95th percentile per-packet one-way delay: 84.099 ms
Loss rate: 1.79%
-- Flow 1:
Average throughput: 355.12 Mbit/s
95th percentile per-packet one-way delay: 84.099 ms
Loss rate: 1.79%

Run 4: Report of Vivace-LTE — Data Link

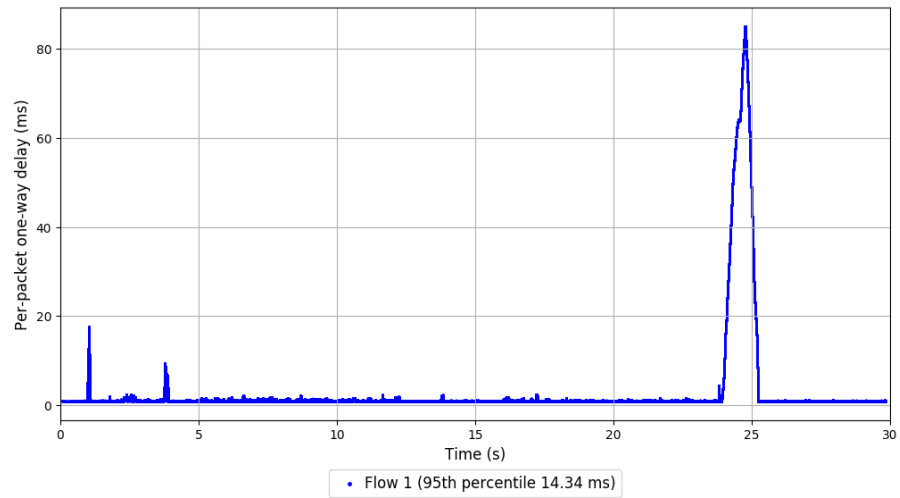
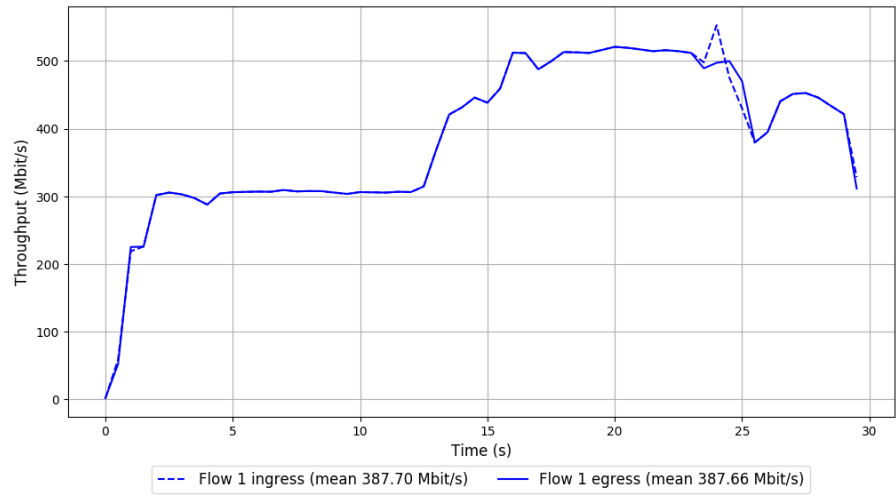


Run 5: Statistics of Vivace-LTE

Start at: 2018-03-20 12:40:55
End at: 2018-03-20 12:41:25
Local clock offset: 5.102 ms
Remote clock offset: -5.594 ms

Below is generated by plot.py at 2018-03-20 21:54:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 387.66 Mbit/s
95th percentile per-packet one-way delay: 14.335 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 387.66 Mbit/s
95th percentile per-packet one-way delay: 14.335 ms
Loss rate: 0.08%

Run 5: Report of Vivace-LTE — Data Link

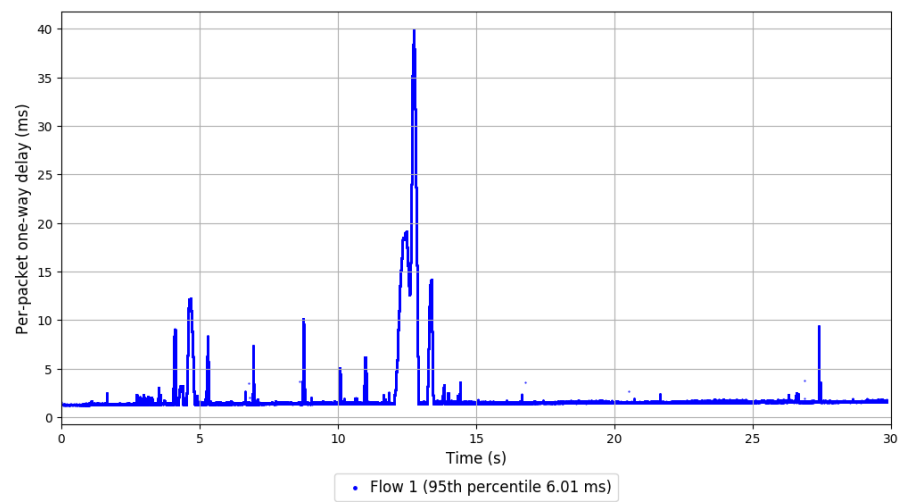
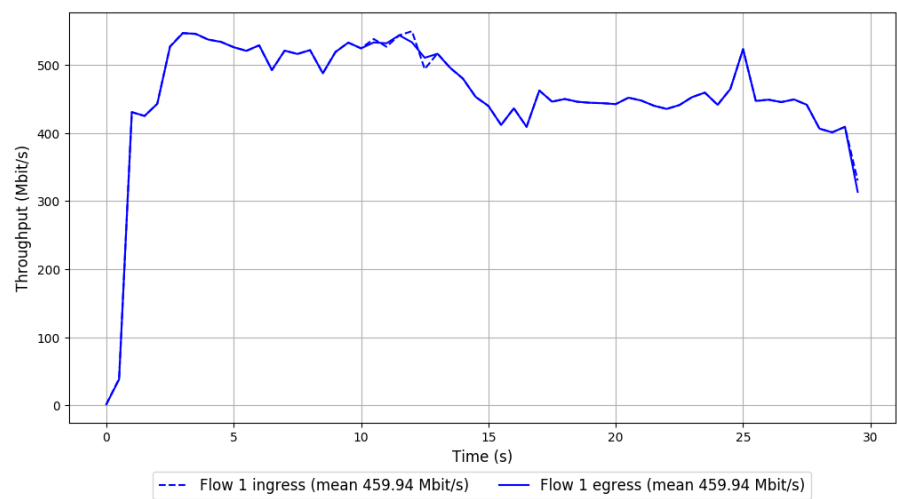


Run 6: Statistics of Vivace-LTE

Start at: 2018-03-20 13:08:21
End at: 2018-03-20 13:08:51
Local clock offset: 4.836 ms
Remote clock offset: -6.339 ms

Below is generated by plot.py at 2018-03-20 21:56:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 459.94 Mbit/s
95th percentile per-packet one-way delay: 6.009 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 459.94 Mbit/s
95th percentile per-packet one-way delay: 6.009 ms
Loss rate: 0.07%

Run 6: Report of Vivace-LTE — Data Link

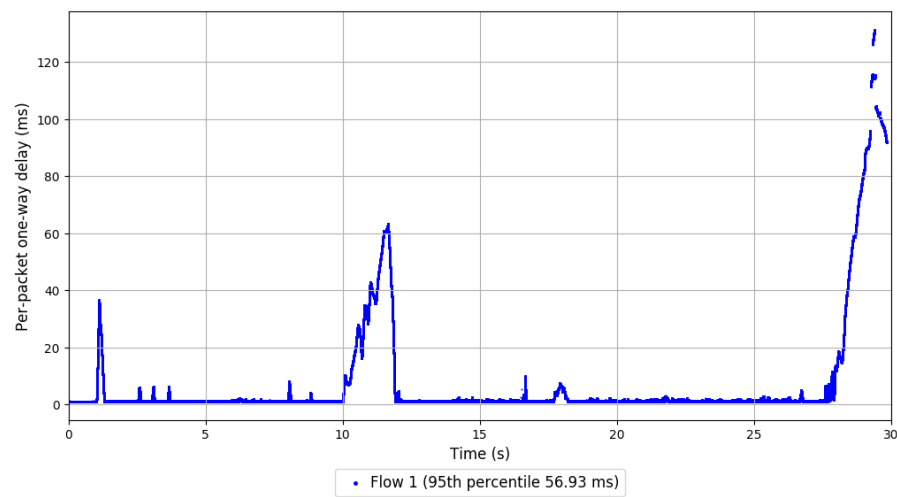
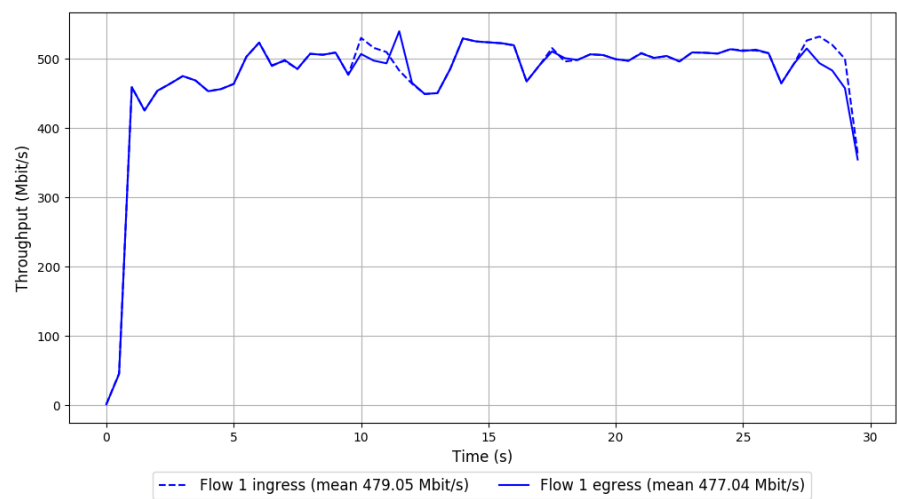


Run 7: Statistics of Vivace-LTE

Start at: 2018-03-20 13:35:51
End at: 2018-03-20 13:36:21
Local clock offset: -2.122 ms
Remote clock offset: -6.215 ms

Below is generated by plot.py at 2018-03-20 21:56:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 477.04 Mbit/s
95th percentile per-packet one-way delay: 56.933 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 477.04 Mbit/s
95th percentile per-packet one-way delay: 56.933 ms
Loss rate: 0.49%

Run 7: Report of Vivace-LTE — Data Link

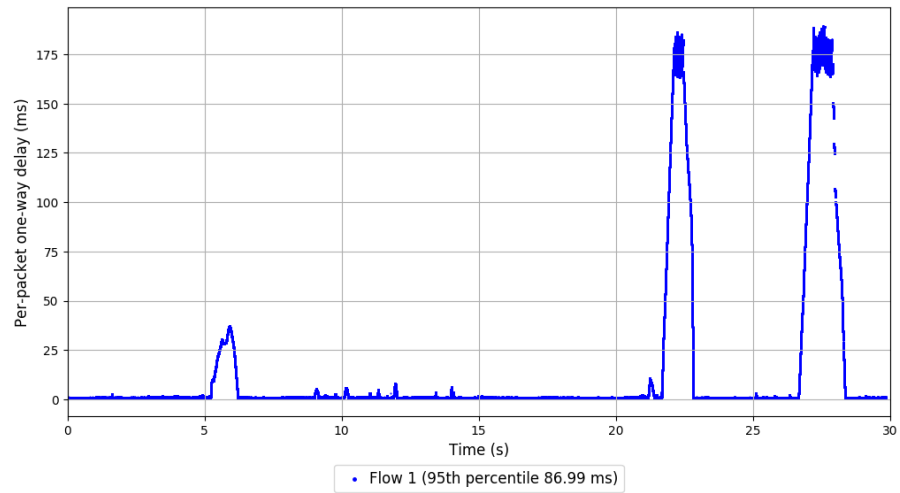
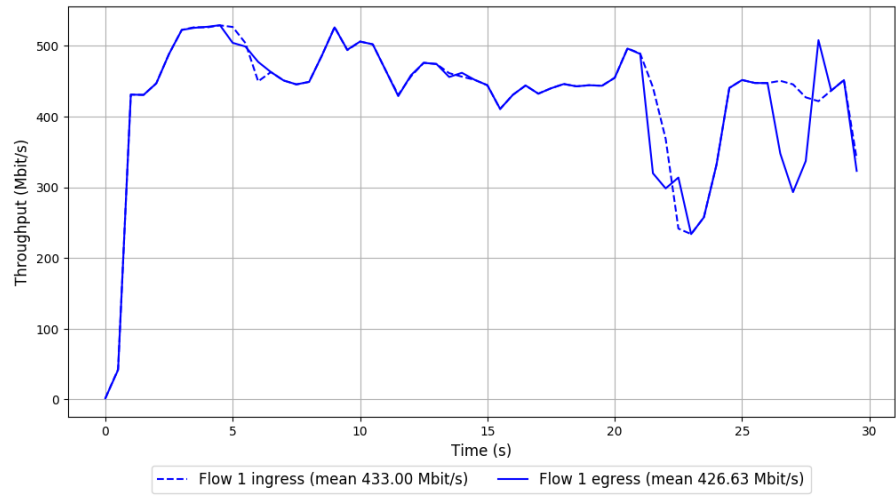


Run 8: Statistics of Vivace-LTE

Start at: 2018-03-20 14:03:15
End at: 2018-03-20 14:03:46
Local clock offset: 3.491 ms
Remote clock offset: -5.452 ms

Below is generated by plot.py at 2018-03-20 21:56:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 426.63 Mbit/s
95th percentile per-packet one-way delay: 86.988 ms
Loss rate: 1.54%
-- Flow 1:
Average throughput: 426.63 Mbit/s
95th percentile per-packet one-way delay: 86.988 ms
Loss rate: 1.54%

Run 8: Report of Vivace-LTE — Data Link

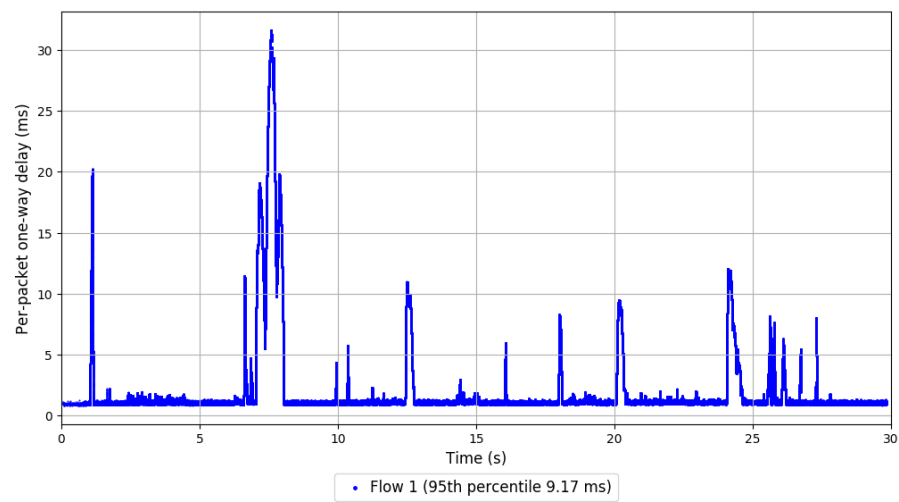
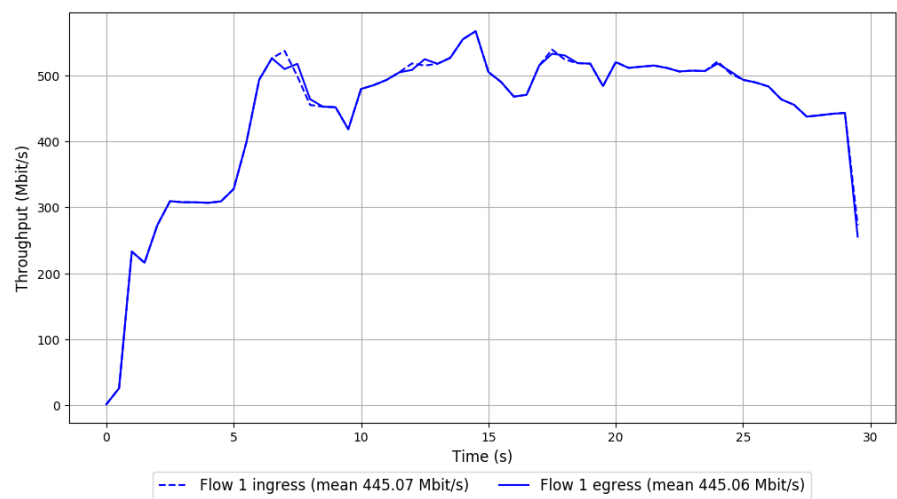


Run 9: Statistics of Vivace-LTE

Start at: 2018-03-20 14:30:47
End at: 2018-03-20 14:31:17
Local clock offset: 2.519 ms
Remote clock offset: -5.926 ms

Below is generated by plot.py at 2018-03-20 21:56:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 445.06 Mbit/s
95th percentile per-packet one-way delay: 9.168 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 445.06 Mbit/s
95th percentile per-packet one-way delay: 9.168 ms
Loss rate: 0.07%

Run 9: Report of Vivace-LTE — Data Link



Run 10: Statistics of Vivace-LTE

Start at: 2018-03-20 14:58:12

End at: 2018-03-20 14:58:42

Local clock offset: 0.991 ms

Remote clock offset: -4.766 ms

Below is generated by plot.py at 2018-03-20 21:56:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 452.17 Mbit/s

95th percentile per-packet one-way delay: 59.499 ms

Loss rate: 0.10%

-- Flow 1:

Average throughput: 452.17 Mbit/s

95th percentile per-packet one-way delay: 59.499 ms

Loss rate: 0.10%

Run 10: Report of Vivace-LTE — Data Link

