

Pantheon Report

Generated at 2018-03-20 23:43:08 (UTC).

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

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).

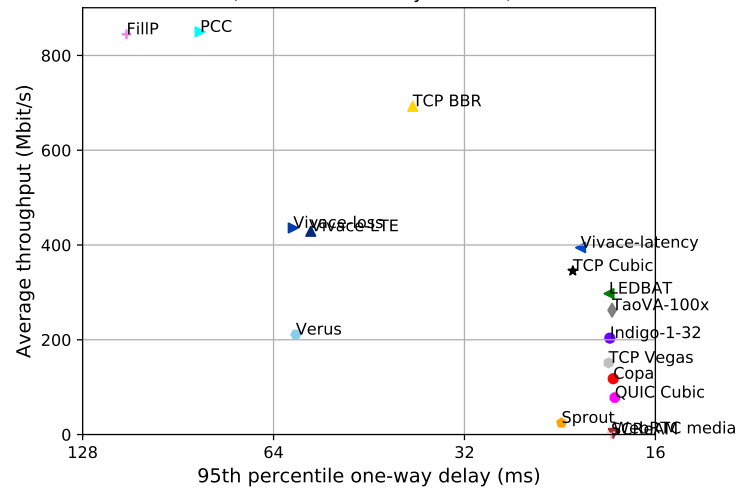
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

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

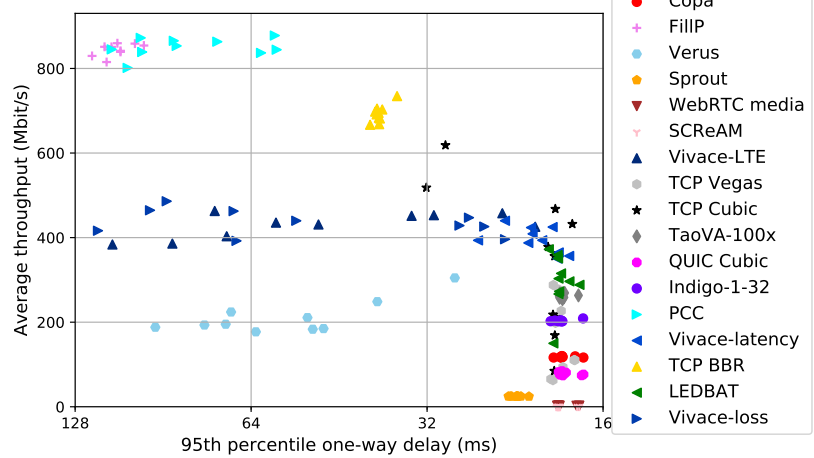
Git summary:

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

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



test from AWS California 1 Ethernet to Stanford Ethernet, 10 runs of 30s each per scheme



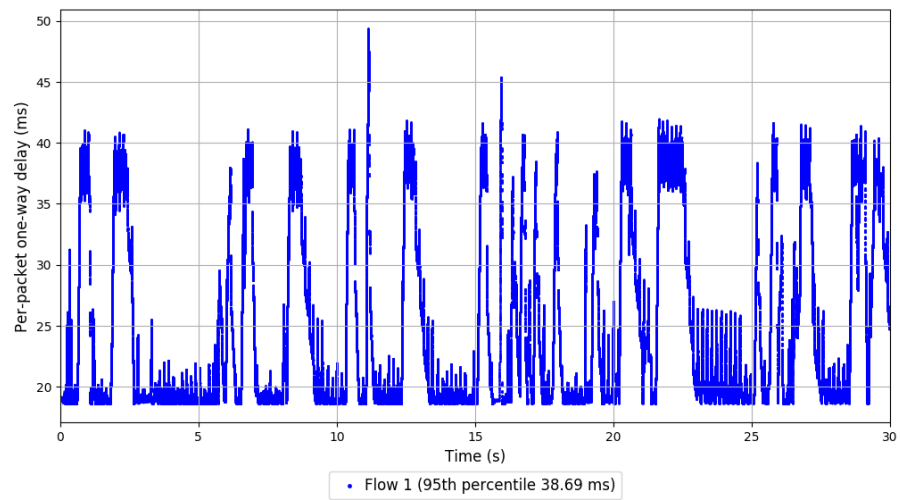
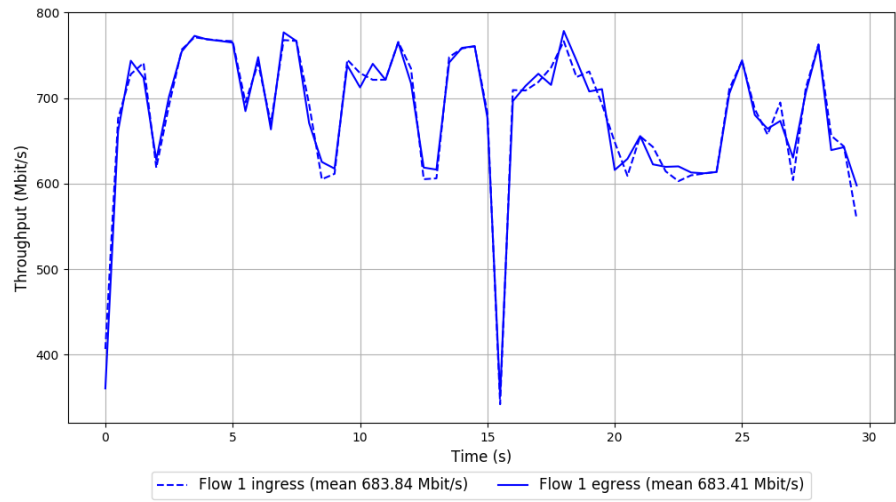
scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	692.74	38.61	0.08
TCP Cubic	10	345.35	21.59	0.03
LEDBAT	10	297.43	18.94	0.01
PCC	10	849.86	83.54	1.00
QUIC Cubic	10	77.98	18.54	0.00
SCReAM	10	0.22	18.80	0.00
WebRTC media	10	2.41	18.65	0.00
Sprout	10	24.65	22.50	0.02
TaoVA-100x	10	262.40	18.72	0.00
TCP Vegas	10	151.31	18.96	0.01
Verus	10	211.02	59.03	11.66
Copa	10	117.86	18.65	0.00
FillP	10	844.57	109.14	10.96
Indigo-1-32	10	203.51	18.88	0.01
Vivace-latency	10	394.41	21.00	0.01
Vivace-loss	10	435.96	59.58	0.42
Vivace-LTE	10	429.04	55.91	0.01

Run 1: Statistics of TCP BBR

Start at: 2018-03-20 15:32:05
End at: 2018-03-20 15:32:35
Local clock offset: -0.059 ms
Remote clock offset: -4.252 ms

Below is generated by plot.py at 2018-03-20 22:06:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 683.41 Mbit/s
95th percentile per-packet one-way delay: 38.687 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 683.41 Mbit/s
95th percentile per-packet one-way delay: 38.687 ms
Loss rate: 0.06%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2018-03-20 15:59:19

End at: 2018-03-20 15:59:49

Local clock offset: -0.267 ms

Remote clock offset: -4.41 ms

Below is generated by plot.py at 2018-03-20 22:06:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 691.41 Mbit/s

95th percentile per-packet one-way delay: 39.029 ms

Loss rate: 0.10%

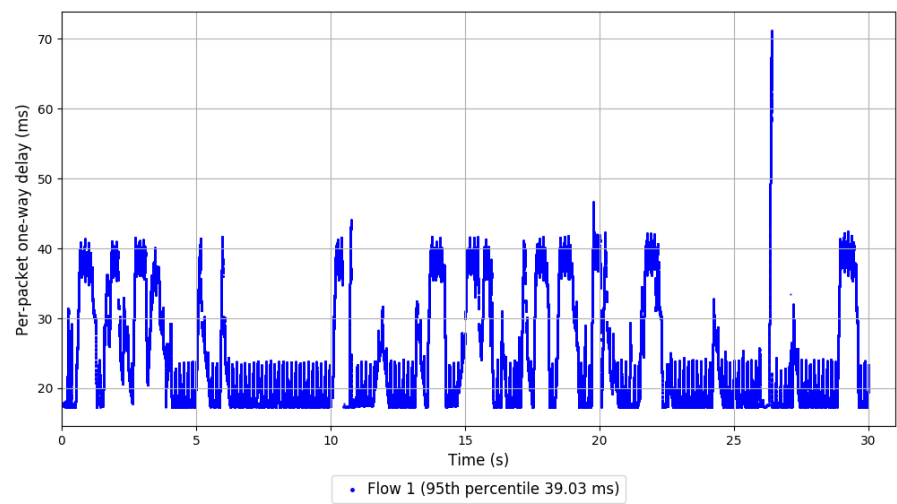
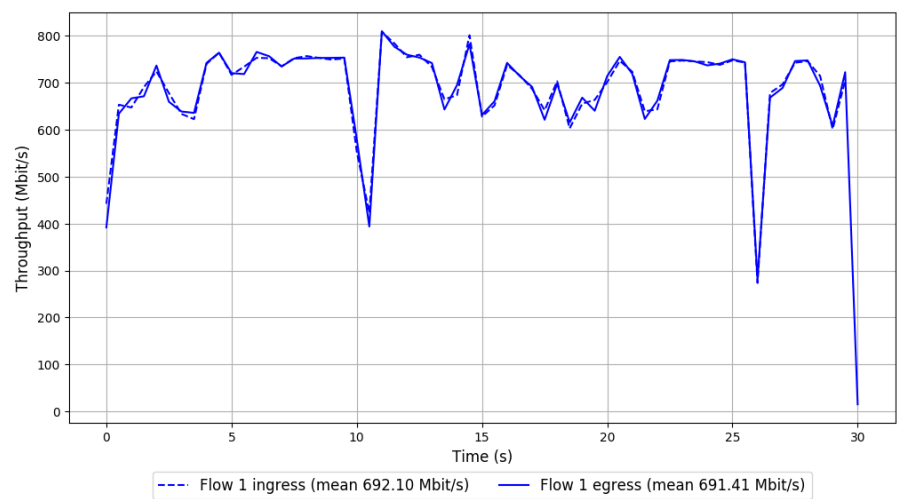
-- Flow 1:

Average throughput: 691.41 Mbit/s

95th percentile per-packet one-way delay: 39.029 ms

Loss rate: 0.10%

Run 2: Report of TCP BBR — Data Link

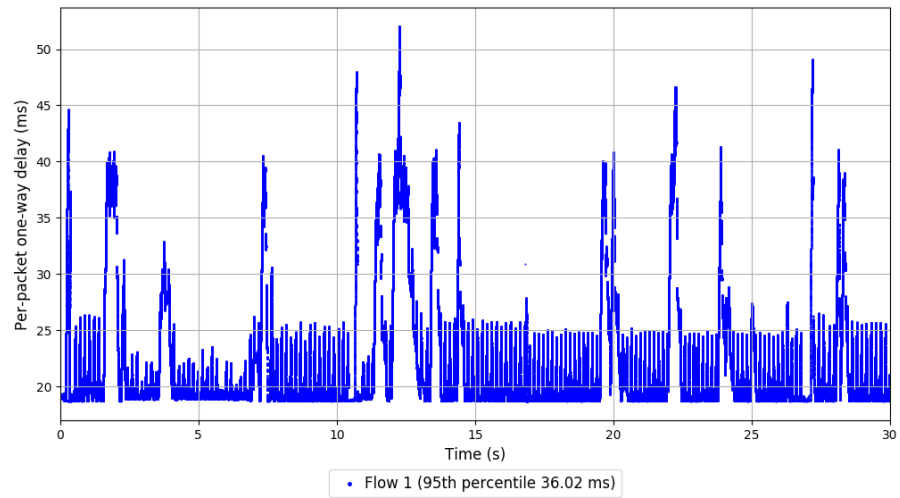
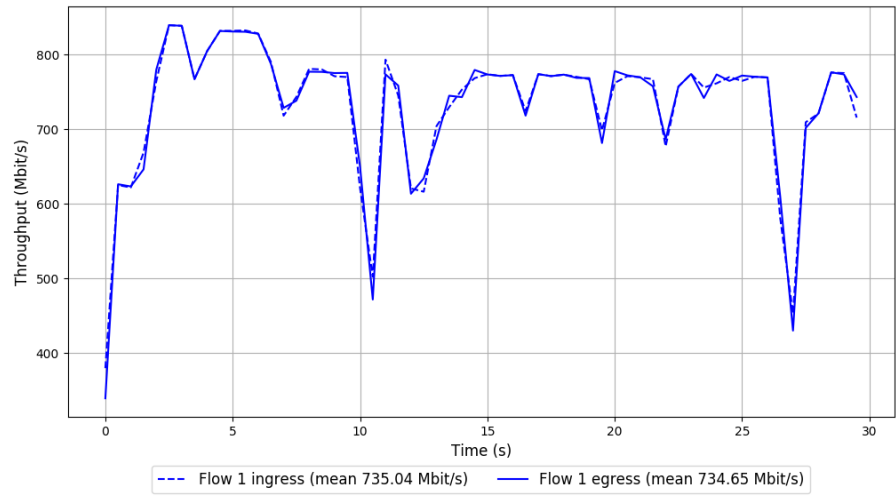


Run 3: Statistics of TCP BBR

Start at: 2018-03-20 16:26:43
End at: 2018-03-20 16:27:13
Local clock offset: -0.561 ms
Remote clock offset: -4.466 ms

Below is generated by plot.py at 2018-03-20 22:07:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 734.65 Mbit/s
95th percentile per-packet one-way delay: 36.018 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 734.65 Mbit/s
95th percentile per-packet one-way delay: 36.018 ms
Loss rate: 0.05%

Run 3: Report of TCP BBR — Data Link

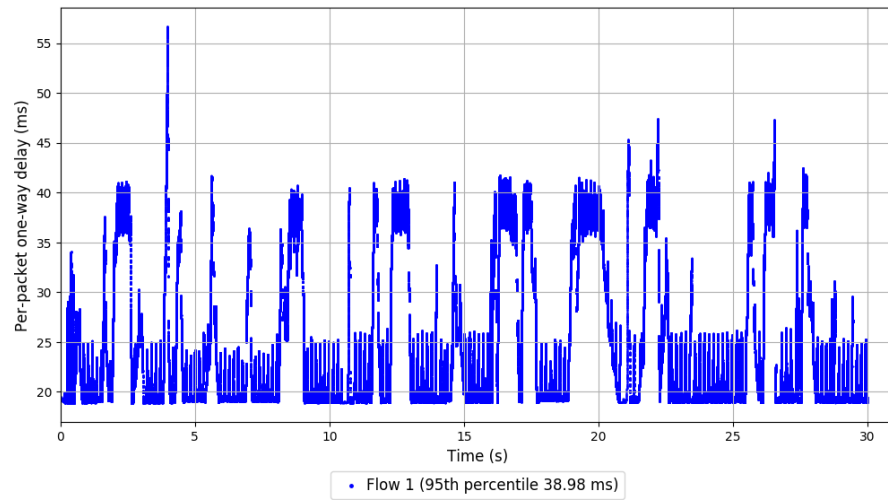
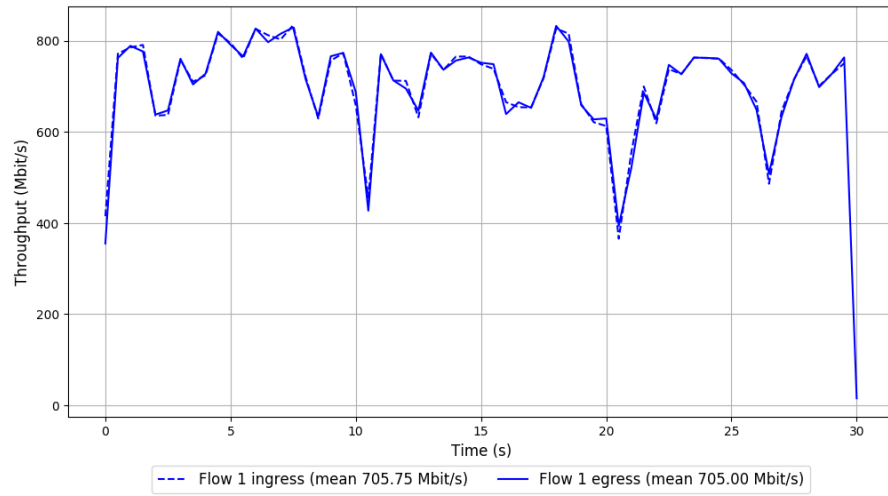


Run 4: Statistics of TCP BBR

Start at: 2018-03-20 16:54:12
End at: 2018-03-20 16:54:42
Local clock offset: 7.112 ms
Remote clock offset: -4.518 ms

Below is generated by plot.py at 2018-03-20 22:07:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 705.00 Mbit/s
95th percentile per-packet one-way delay: 38.976 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 705.00 Mbit/s
95th percentile per-packet one-way delay: 38.976 ms
Loss rate: 0.11%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2018-03-20 17:21:26

End at: 2018-03-20 17:21:56

Local clock offset: 1.373 ms

Remote clock offset: -5.116 ms

Below is generated by plot.py at 2018-03-20 22:07:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 695.00 Mbit/s

95th percentile per-packet one-way delay: 38.734 ms

Loss rate: 0.05%

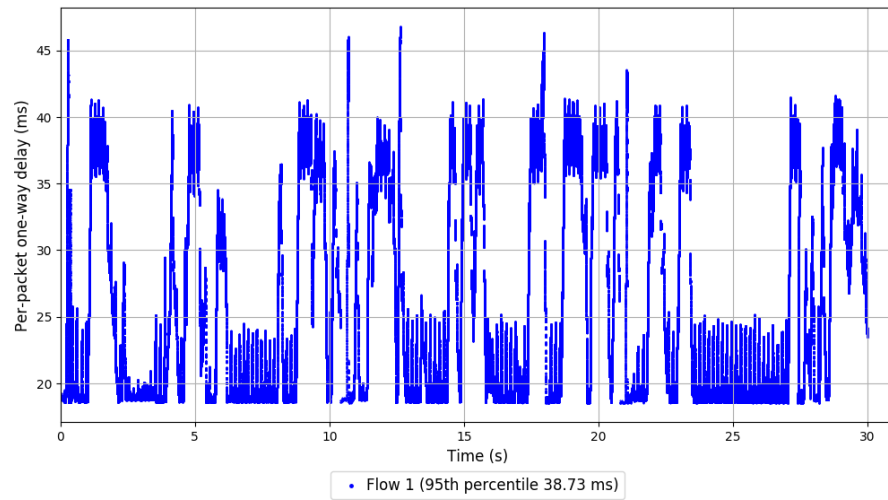
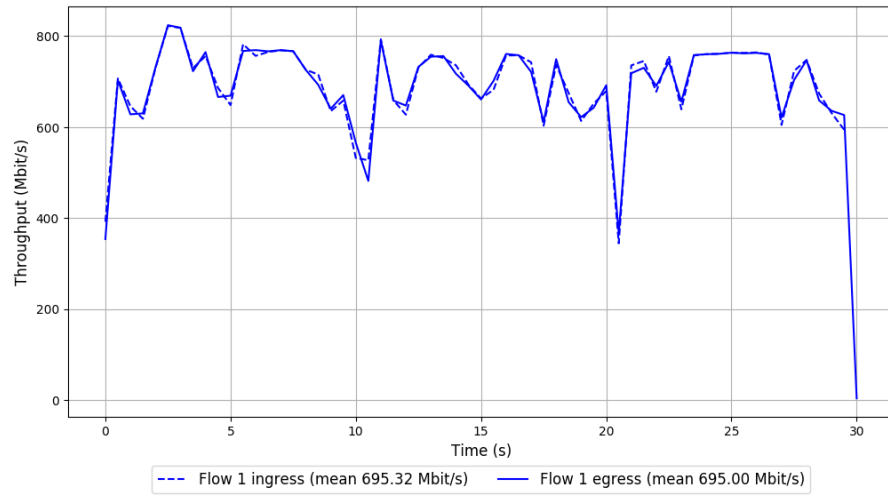
-- Flow 1:

Average throughput: 695.00 Mbit/s

95th percentile per-packet one-way delay: 38.734 ms

Loss rate: 0.05%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: 2018-03-20 17:48:33

End at: 2018-03-20 17:49:03

Local clock offset: 1.387 ms

Remote clock offset: -4.216 ms

Below is generated by plot.py at 2018-03-20 22:07:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 681.76 Mbit/s

95th percentile per-packet one-way delay: 38.543 ms

Loss rate: 0.07%

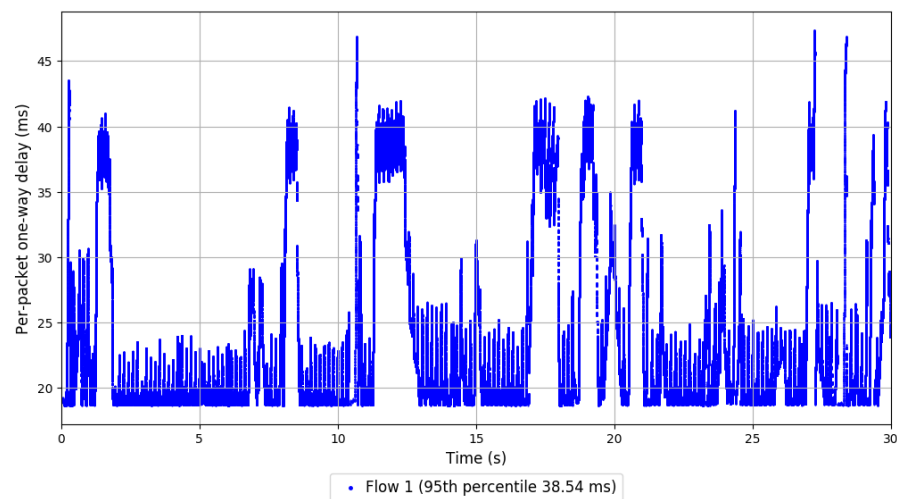
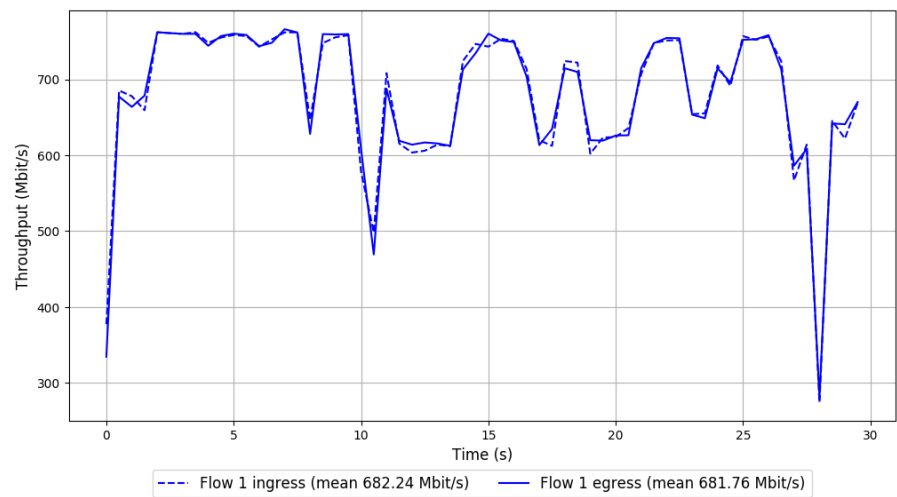
-- Flow 1:

Average throughput: 681.76 Mbit/s

95th percentile per-packet one-way delay: 38.543 ms

Loss rate: 0.07%

Run 6: Report of TCP BBR — Data Link

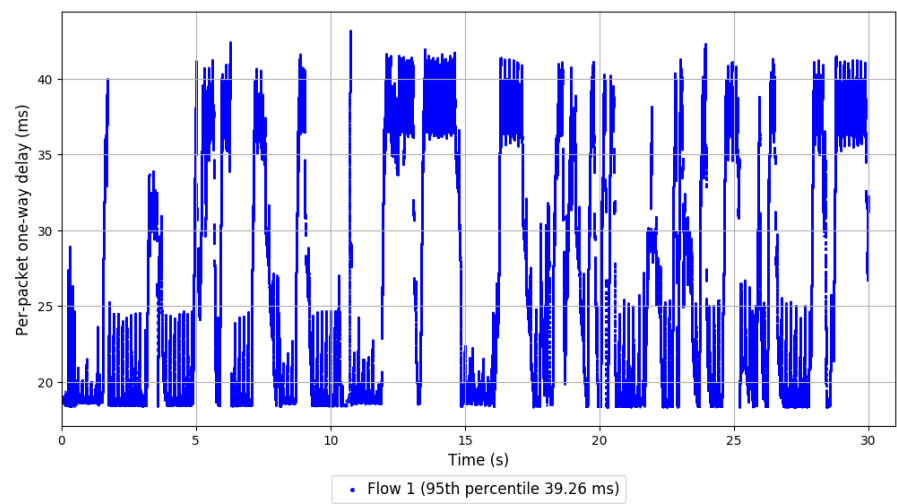
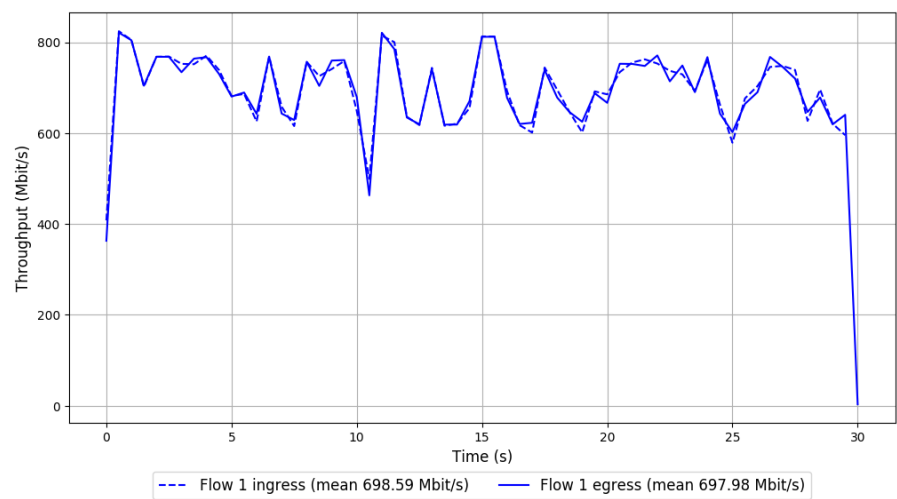


Run 7: Statistics of TCP BBR

Start at: 2018-03-20 18:15:45
End at: 2018-03-20 18:16:15
Local clock offset: 2.669 ms
Remote clock offset: -3.257 ms

Below is generated by plot.py at 2018-03-20 22:07:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 697.98 Mbit/s
95th percentile per-packet one-way delay: 39.258 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 697.98 Mbit/s
95th percentile per-packet one-way delay: 39.258 ms
Loss rate: 0.05%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: 2018-03-20 18:42:56

End at: 2018-03-20 18:43:26

Local clock offset: 0.569 ms

Remote clock offset: -2.694 ms

Below is generated by plot.py at 2018-03-20 22:07:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 666.90 Mbit/s

95th percentile per-packet one-way delay: 40.053 ms

Loss rate: 0.10%

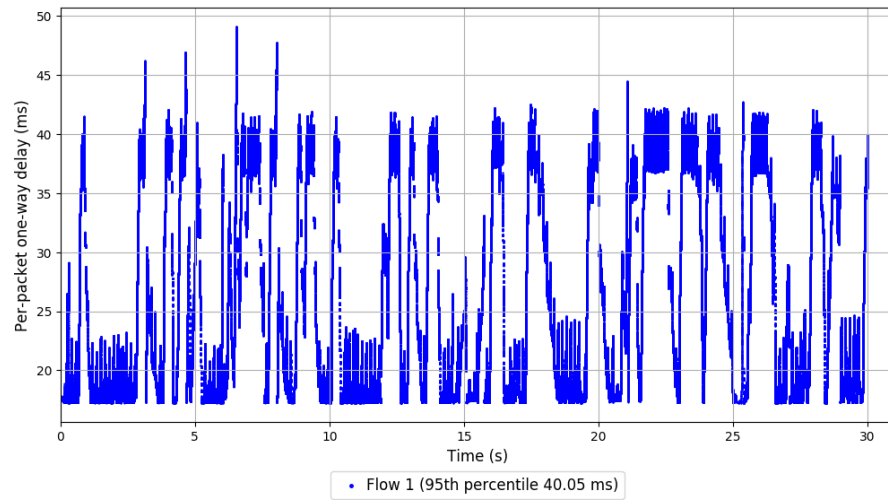
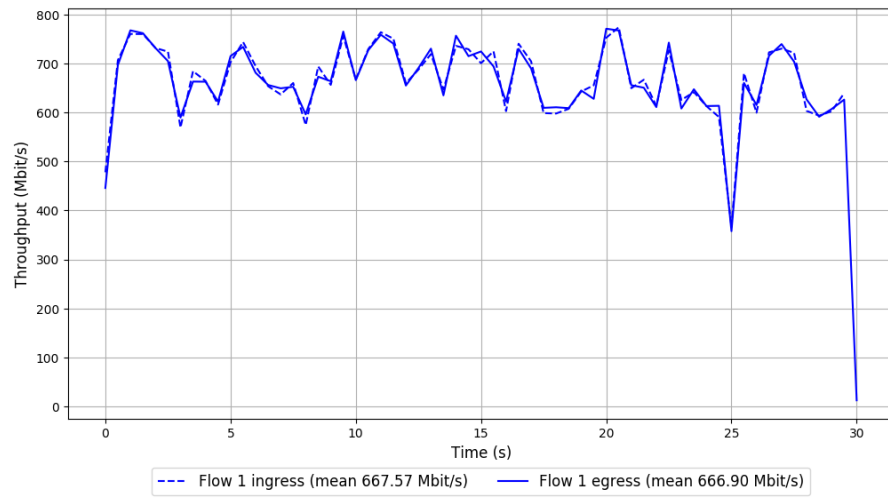
-- Flow 1:

Average throughput: 666.90 Mbit/s

95th percentile per-packet one-way delay: 40.053 ms

Loss rate: 0.10%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: 2018-03-20 19:09:56

End at: 2018-03-20 19:10:26

Local clock offset: 3.915 ms

Remote clock offset: -6.481 ms

Below is generated by plot.py at 2018-03-20 22:16:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 703.02 Mbit/s

95th percentile per-packet one-way delay: 38.178 ms

Loss rate: 0.08%

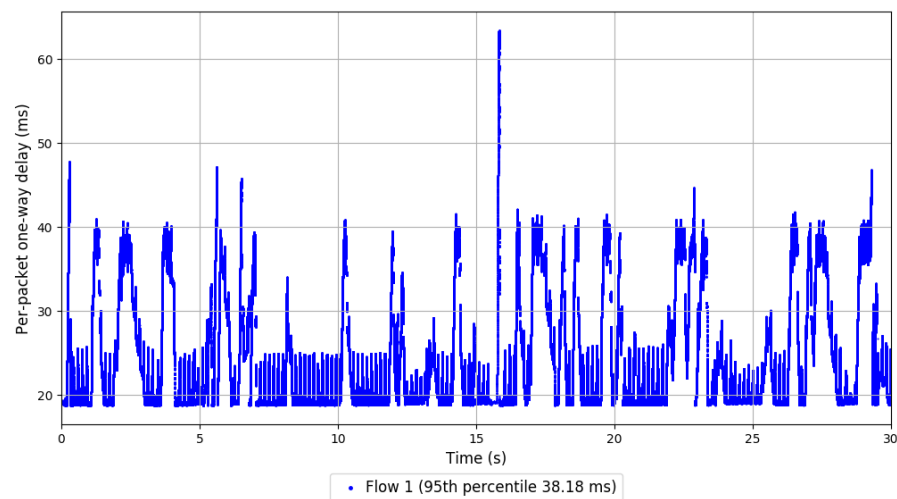
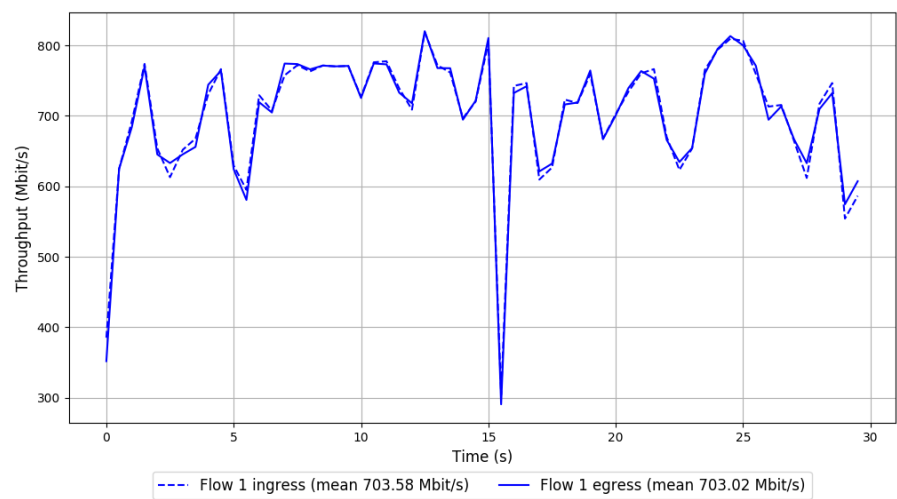
-- Flow 1:

Average throughput: 703.02 Mbit/s

95th percentile per-packet one-way delay: 38.178 ms

Loss rate: 0.08%

Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

Start at: 2018-03-20 19:37:04

End at: 2018-03-20 19:37:34

Local clock offset: 0.732 ms

Remote clock offset: -6.679 ms

Below is generated by plot.py at 2018-03-20 22:16:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 668.25 Mbit/s

95th percentile per-packet one-way delay: 38.652 ms

Loss rate: 0.10%

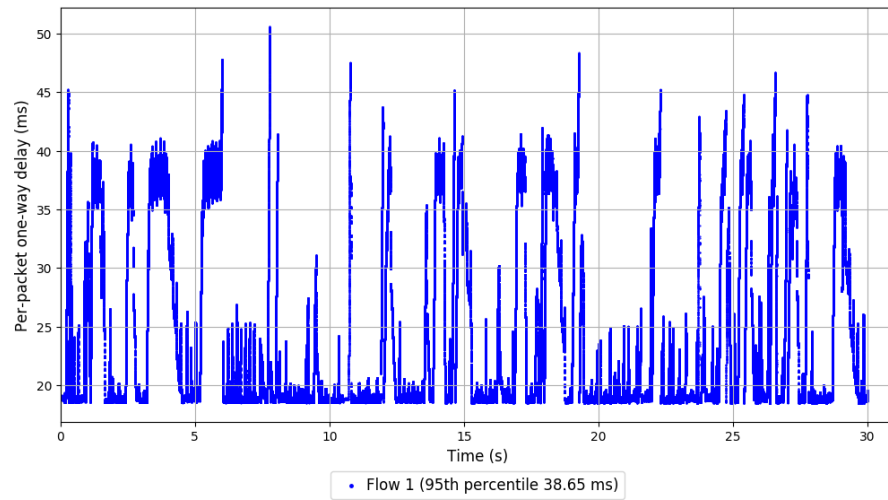
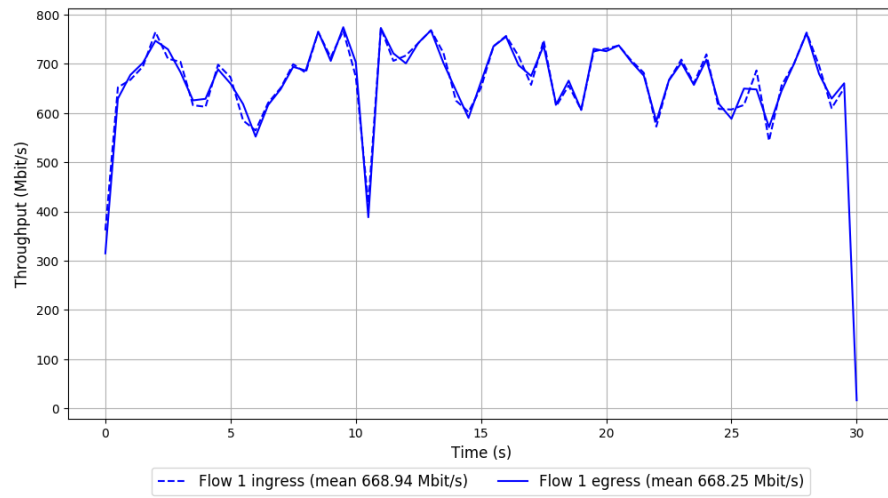
-- Flow 1:

Average throughput: 668.25 Mbit/s

95th percentile per-packet one-way delay: 38.652 ms

Loss rate: 0.10%

Run 10: Report of TCP BBR — Data Link

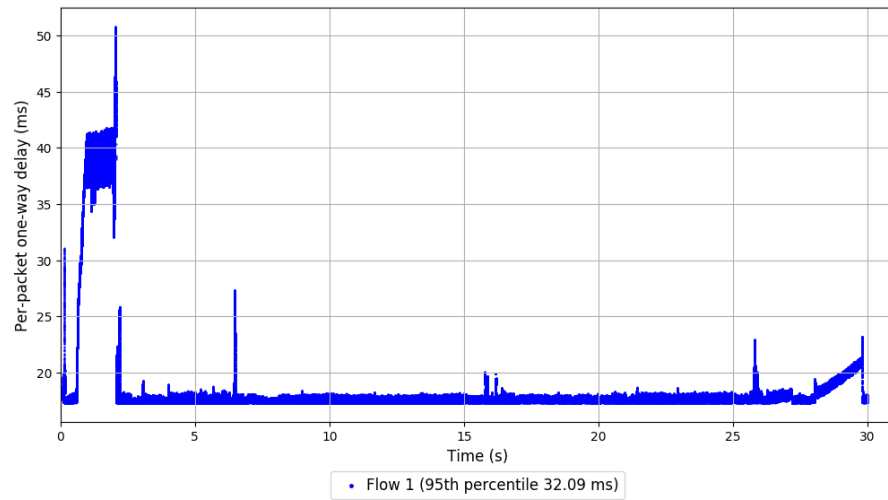
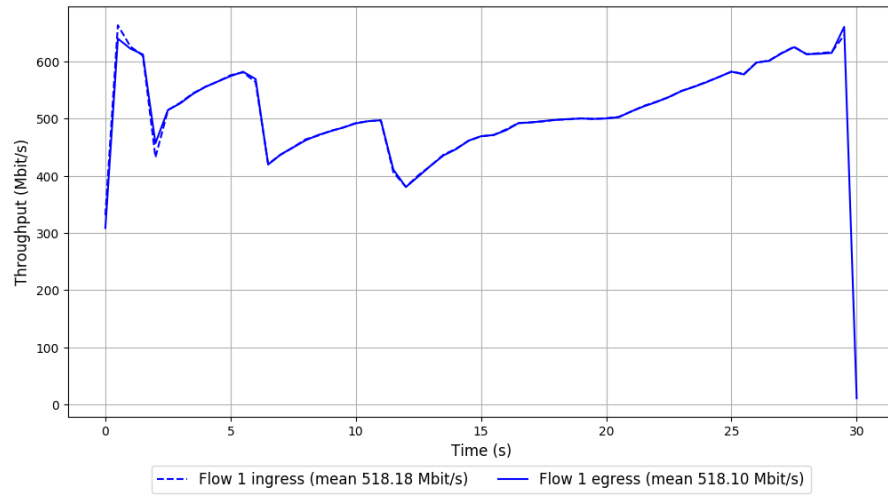


Run 1: Statistics of TCP Cubic

Start at: 2018-03-20 15:29:10
End at: 2018-03-20 15:29:40
Local clock offset: -0.18 ms
Remote clock offset: -4.108 ms

Below is generated by plot.py at 2018-03-20 22:16:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 518.10 Mbit/s
95th percentile per-packet one-way delay: 32.095 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 518.10 Mbit/s
95th percentile per-packet one-way delay: 32.095 ms
Loss rate: 0.02%

Run 1: Report of TCP Cubic — Data Link

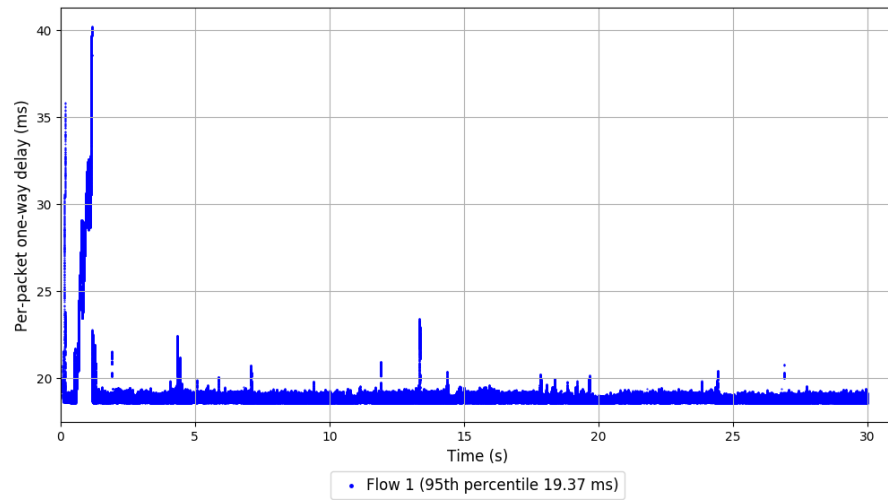
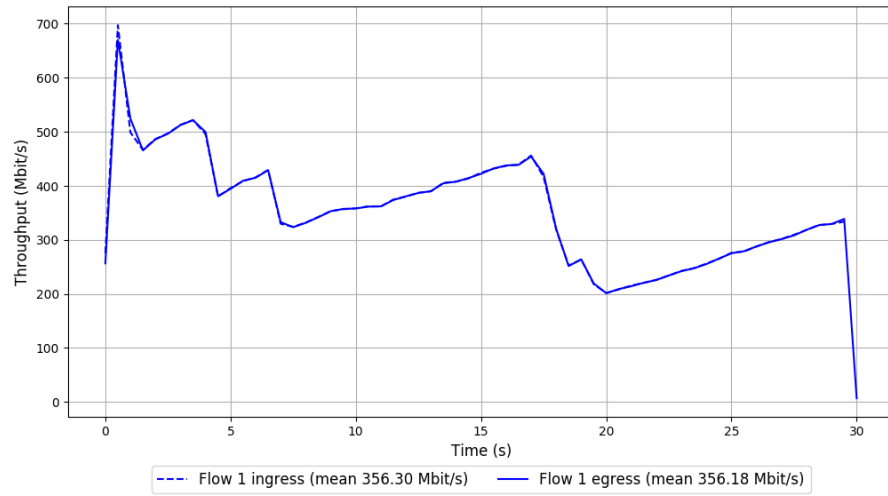


Run 2: Statistics of TCP Cubic

Start at: 2018-03-20 15:56:31
End at: 2018-03-20 15:57:01
Local clock offset: -0.272 ms
Remote clock offset: -4.491 ms

Below is generated by plot.py at 2018-03-20 22:16:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 356.18 Mbit/s
95th percentile per-packet one-way delay: 19.373 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 356.18 Mbit/s
95th percentile per-packet one-way delay: 19.373 ms
Loss rate: 0.04%

Run 2: Report of TCP Cubic — Data Link

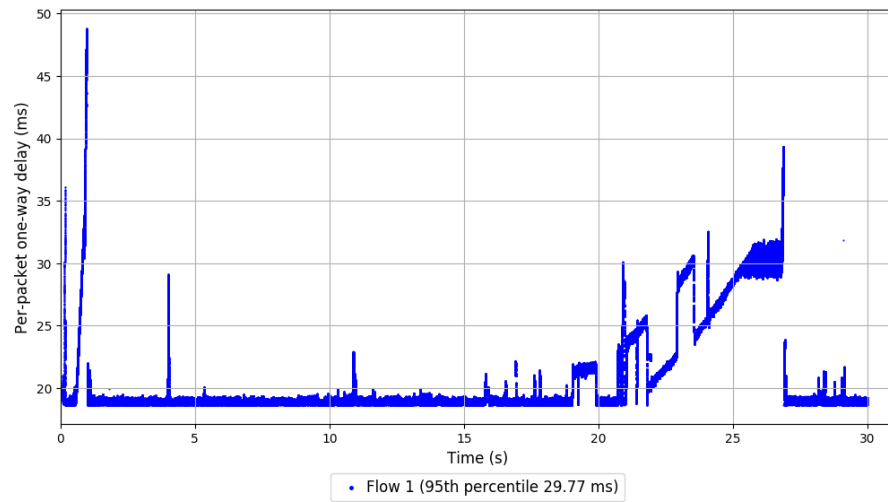
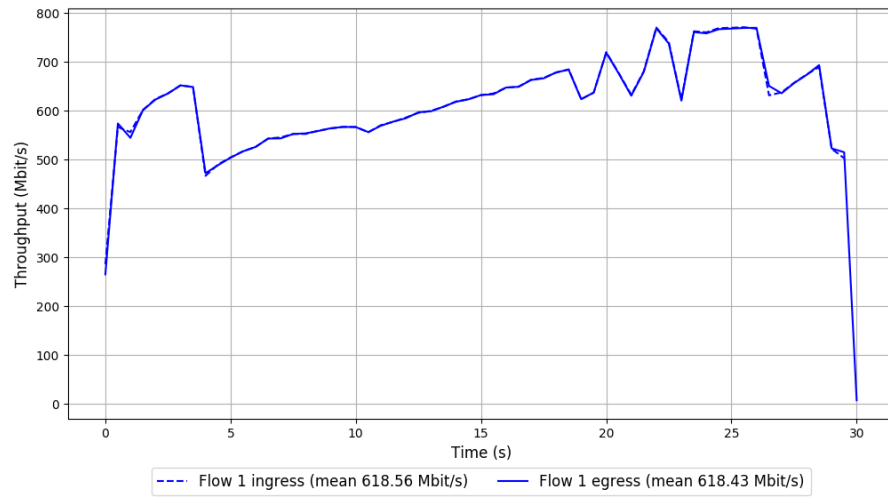


Run 3: Statistics of TCP Cubic

Start at: 2018-03-20 16:23:44
End at: 2018-03-20 16:24:14
Local clock offset: -0.401 ms
Remote clock offset: -4.381 ms

Below is generated by plot.py at 2018-03-20 22:16:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 618.43 Mbit/s
95th percentile per-packet one-way delay: 29.765 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 618.43 Mbit/s
95th percentile per-packet one-way delay: 29.765 ms
Loss rate: 0.02%

Run 3: Report of TCP Cubic — Data Link

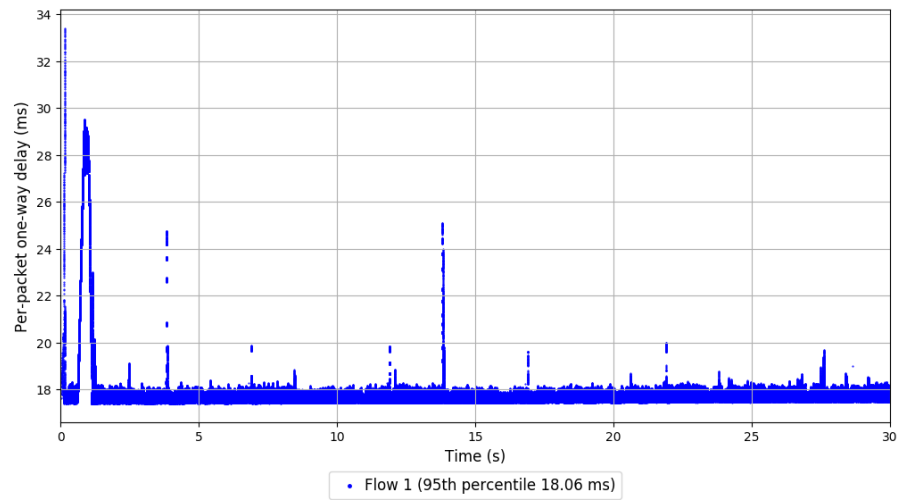
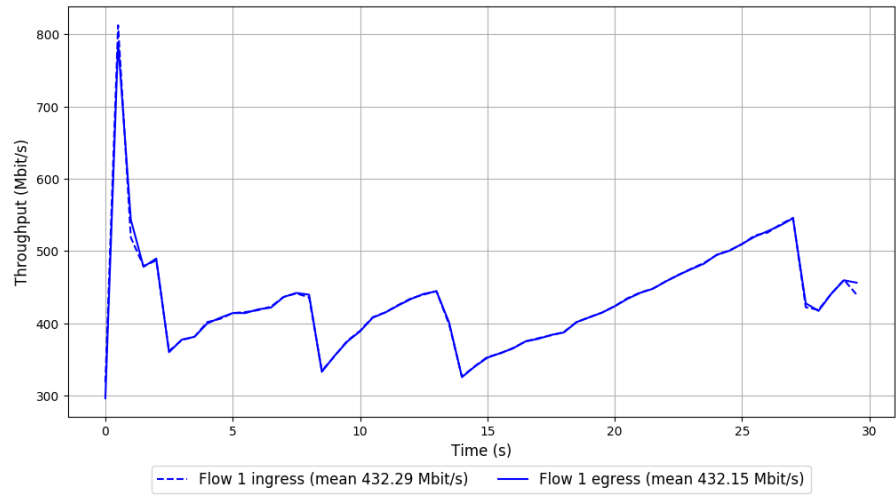


Run 4: Statistics of TCP Cubic

Start at: 2018-03-20 16:51:21
End at: 2018-03-20 16:51:51
Local clock offset: 6.658 ms
Remote clock offset: -4.538 ms

Below is generated by plot.py at 2018-03-20 22:16:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 432.15 Mbit/s
95th percentile per-packet one-way delay: 18.060 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 432.15 Mbit/s
95th percentile per-packet one-way delay: 18.060 ms
Loss rate: 0.03%

Run 4: Report of TCP Cubic — Data Link

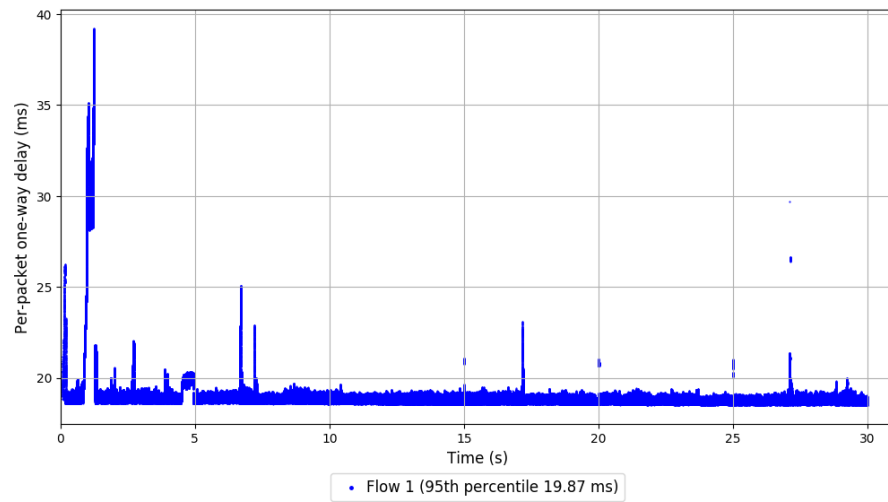
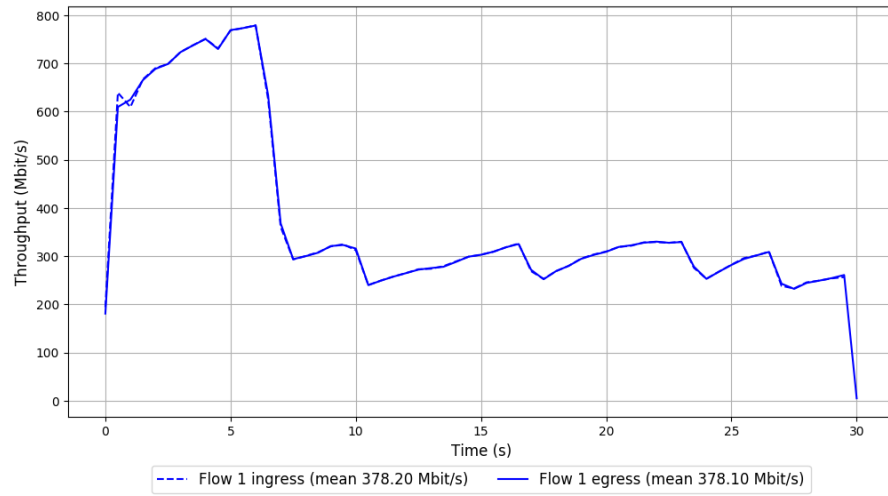


Run 5: Statistics of TCP Cubic

Start at: 2018-03-20 17:18:37
End at: 2018-03-20 17:19:07
Local clock offset: 1.966 ms
Remote clock offset: -4.994 ms

Below is generated by plot.py at 2018-03-20 22:16:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 378.10 Mbit/s
95th percentile per-packet one-way delay: 19.869 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 378.10 Mbit/s
95th percentile per-packet one-way delay: 19.869 ms
Loss rate: 0.03%

Run 5: Report of TCP Cubic — Data Link

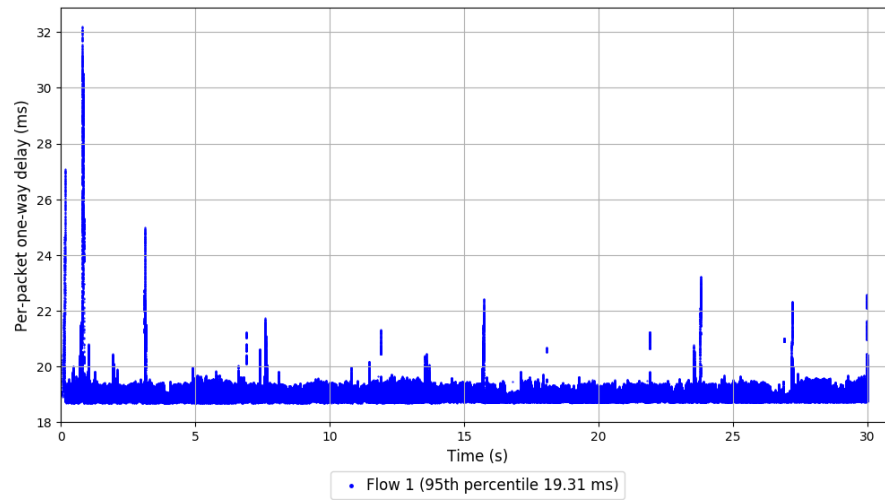
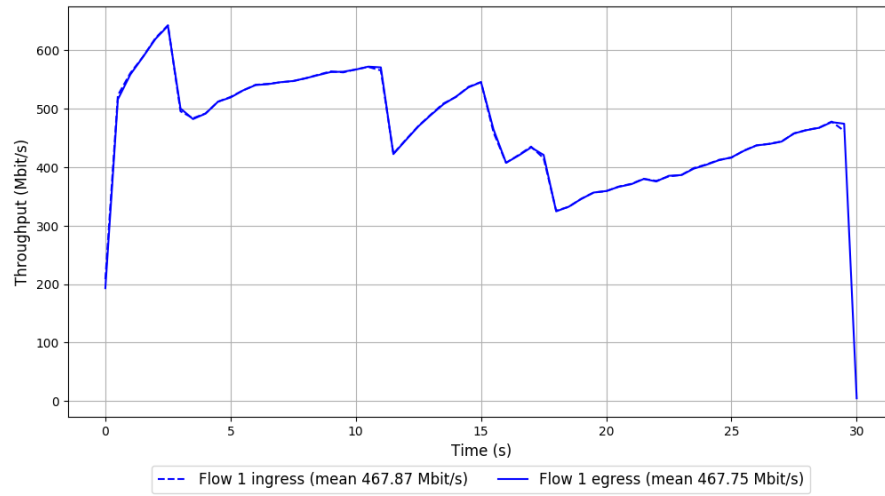


Run 6: Statistics of TCP Cubic

Start at: 2018-03-20 17:45:40
End at: 2018-03-20 17:46:10
Local clock offset: 0.901 ms
Remote clock offset: -4.471 ms

Below is generated by plot.py at 2018-03-20 22:16:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 467.75 Mbit/s
95th percentile per-packet one-way delay: 19.309 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 467.75 Mbit/s
95th percentile per-packet one-way delay: 19.309 ms
Loss rate: 0.03%

Run 6: Report of TCP Cubic — Data Link

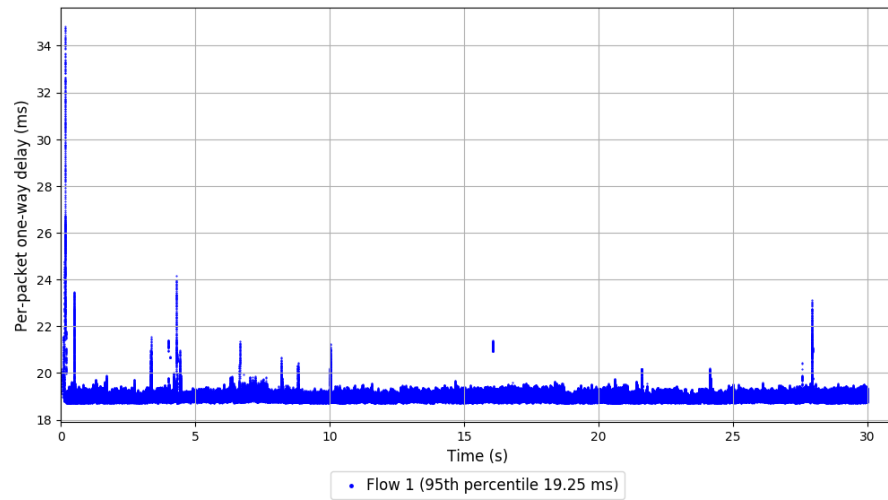
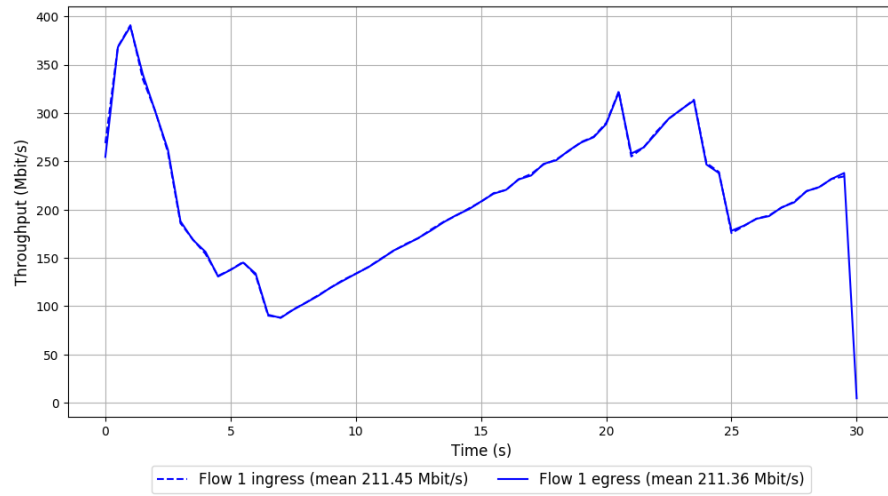


Run 7: Statistics of TCP Cubic

Start at: 2018-03-20 18:13:02
End at: 2018-03-20 18:13:32
Local clock offset: 2.881 ms
Remote clock offset: -3.211 ms

Below is generated by plot.py at 2018-03-20 22:16:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 211.36 Mbit/s
95th percentile per-packet one-way delay: 19.250 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 211.36 Mbit/s
95th percentile per-packet one-way delay: 19.250 ms
Loss rate: 0.04%

Run 7: Report of TCP Cubic — Data Link

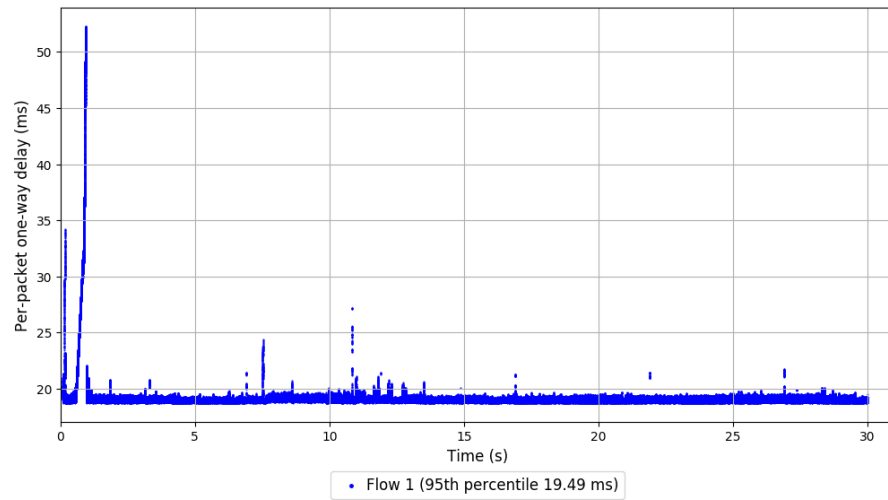
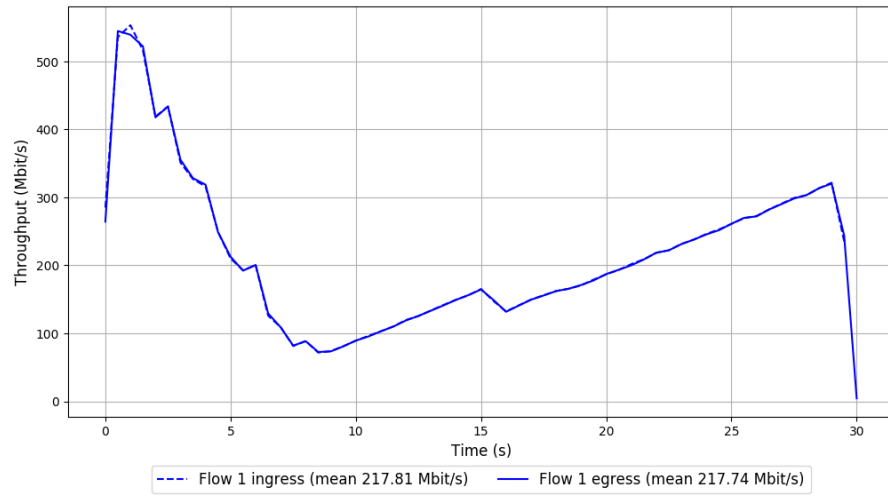


Run 8: Statistics of TCP Cubic

Start at: 2018-03-20 18:40:12
End at: 2018-03-20 18:40:42
Local clock offset: 0.54 ms
Remote clock offset: -2.735 ms

Below is generated by plot.py at 2018-03-20 22:16:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 217.74 Mbit/s
95th percentile per-packet one-way delay: 19.486 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 217.74 Mbit/s
95th percentile per-packet one-way delay: 19.486 ms
Loss rate: 0.04%

Run 8: Report of TCP Cubic — Data Link

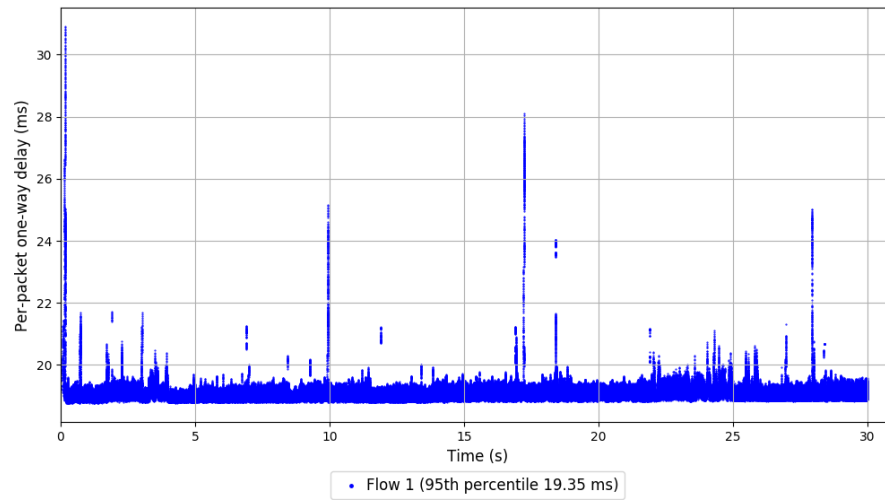
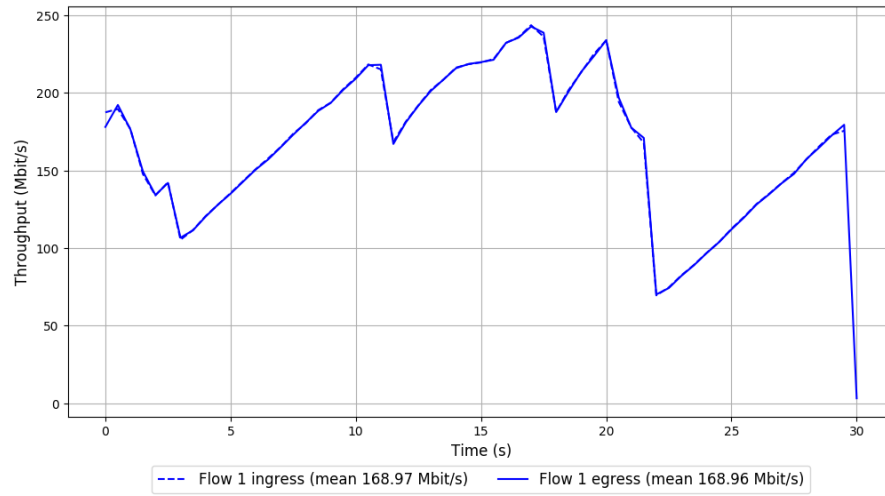


Run 9: Statistics of TCP Cubic

Start at: 2018-03-20 19:07:14
End at: 2018-03-20 19:07:44
Local clock offset: 3.616 ms
Remote clock offset: -6.374 ms

Below is generated by plot.py at 2018-03-20 22:16:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 168.96 Mbit/s
95th percentile per-packet one-way delay: 19.348 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 168.96 Mbit/s
95th percentile per-packet one-way delay: 19.348 ms
Loss rate: 0.00%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2018-03-20 19:34:25

End at: 2018-03-20 19:34:55

Local clock offset: 1.012 ms

Remote clock offset: -6.58 ms

Below is generated by plot.py at 2018-03-20 22:16:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.76 Mbit/s

95th percentile per-packet one-way delay: 19.390 ms

Loss rate: 0.04%

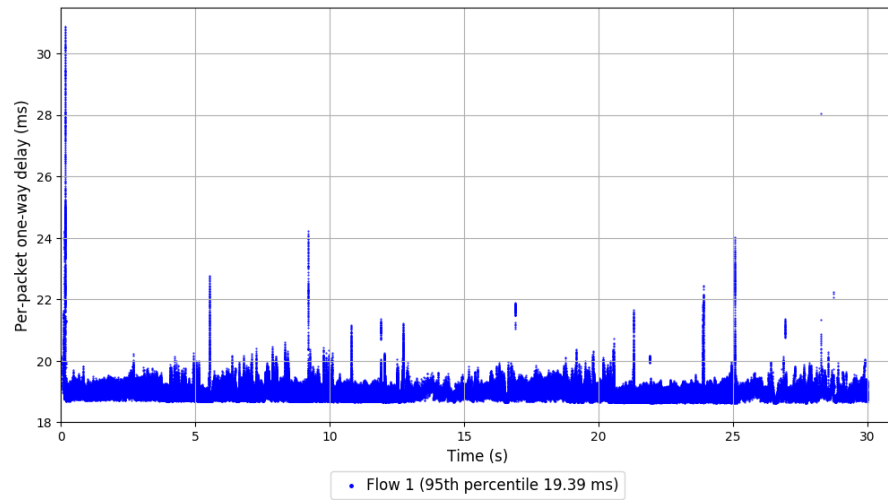
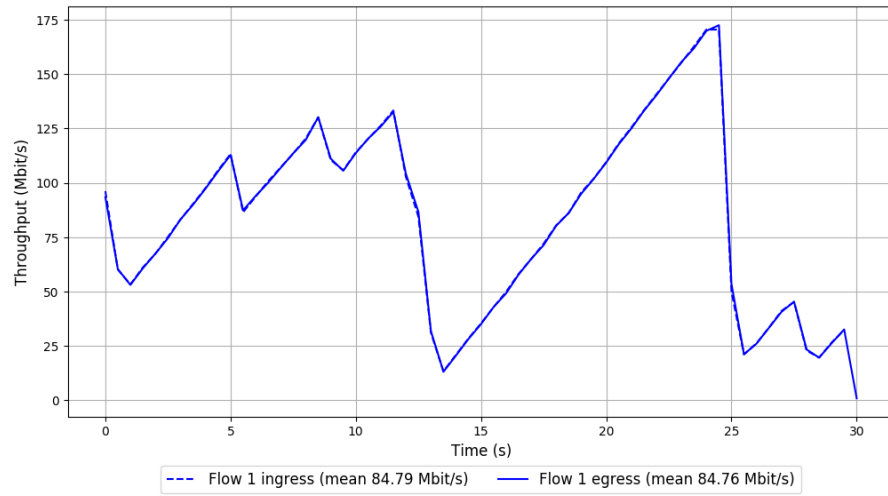
-- Flow 1:

Average throughput: 84.76 Mbit/s

95th percentile per-packet one-way delay: 19.390 ms

Loss rate: 0.04%

Run 10: Report of TCP Cubic — Data Link

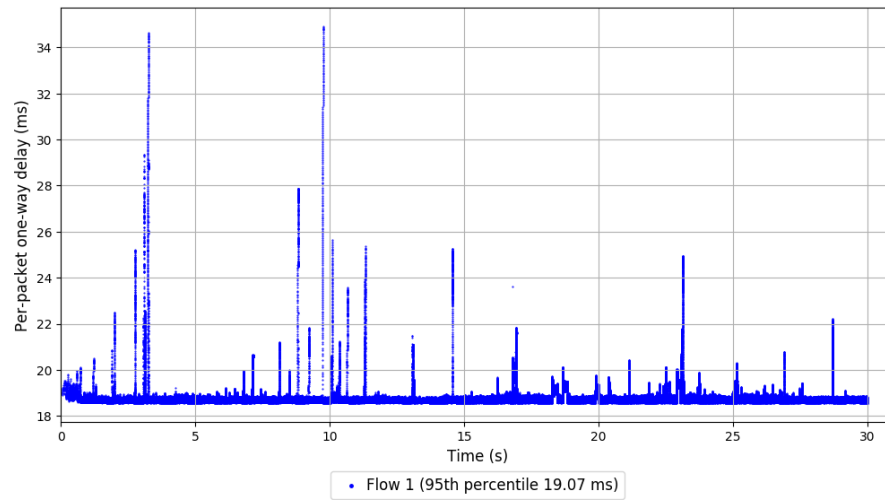
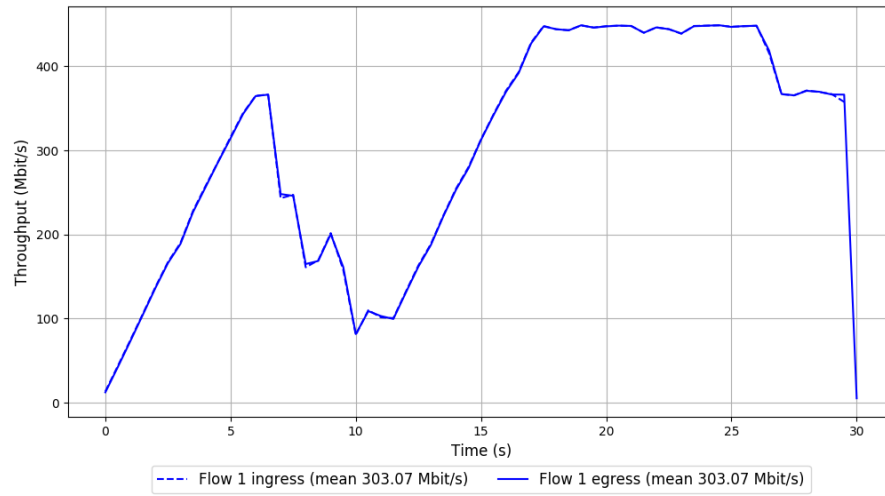


Run 1: Statistics of LEDBAT

Start at: 2018-03-20 15:42:42
End at: 2018-03-20 15:43:12
Local clock offset: -0.069 ms
Remote clock offset: -4.454 ms

Below is generated by plot.py at 2018-03-20 22:18:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 303.07 Mbit/s
95th percentile per-packet one-way delay: 19.071 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 303.07 Mbit/s
95th percentile per-packet one-way delay: 19.071 ms
Loss rate: 0.00%

Run 1: Report of LEDBAT — Data Link

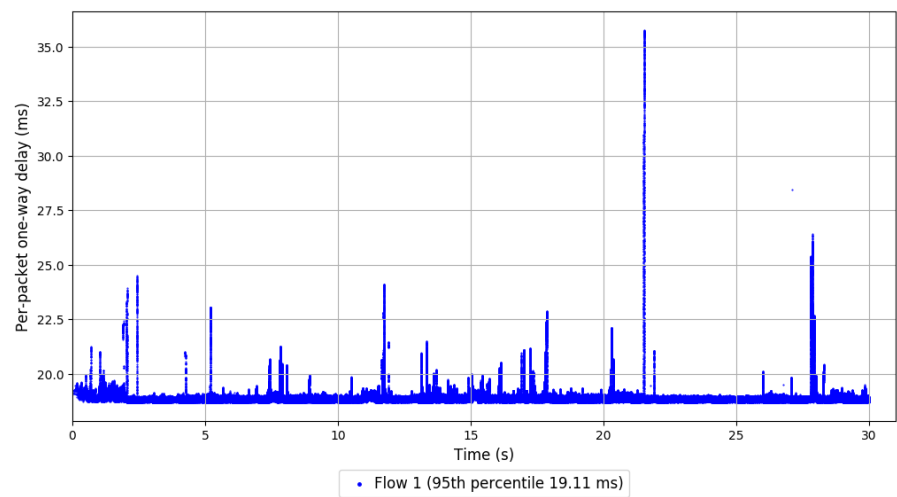
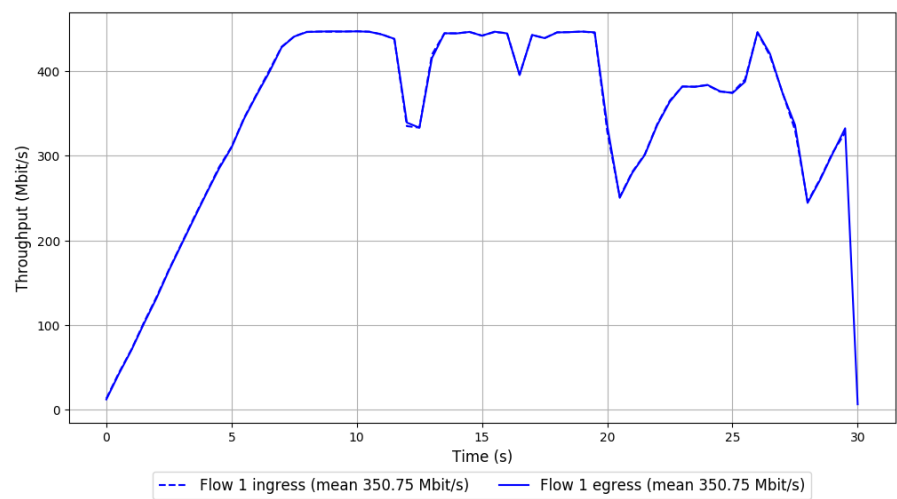


Run 2: Statistics of LEDBAT

Start at: 2018-03-20 16:09:57
End at: 2018-03-20 16:10:27
Local clock offset: -0.255 ms
Remote clock offset: -4.397 ms

Below is generated by plot.py at 2018-03-20 22:20:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 350.75 Mbit/s
95th percentile per-packet one-way delay: 19.105 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 350.75 Mbit/s
95th percentile per-packet one-way delay: 19.105 ms
Loss rate: 0.00%

Run 2: Report of LEDBAT — Data Link

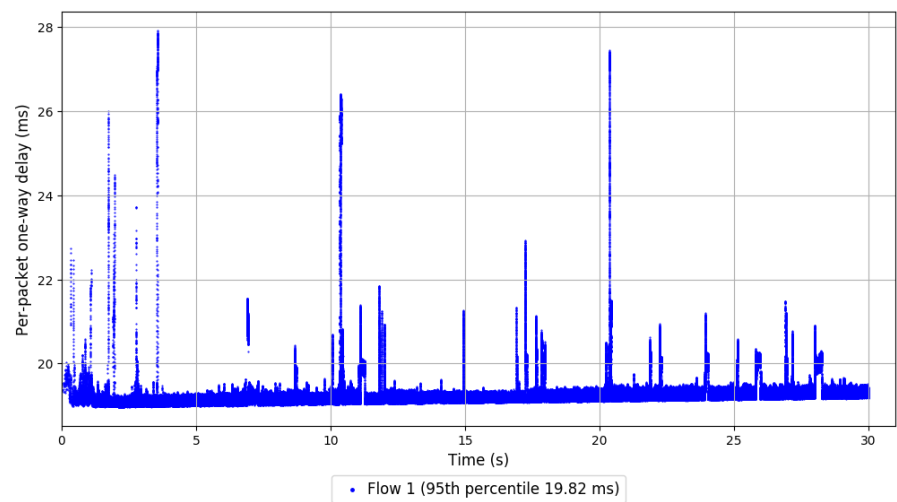
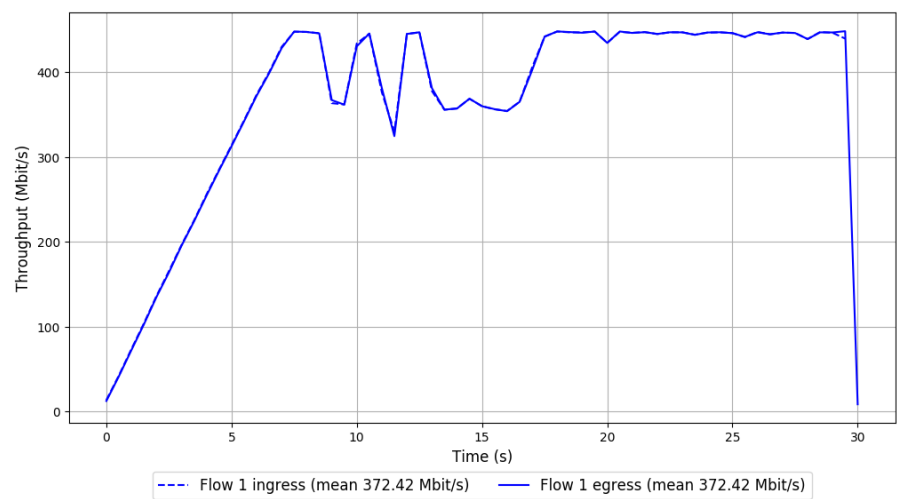


Run 3: Statistics of LEDBAT

Start at: 2018-03-20 16:37:24
End at: 2018-03-20 16:37:54
Local clock offset: 2.814 ms
Remote clock offset: -4.483 ms

Below is generated by plot.py at 2018-03-20 22:20:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 372.42 Mbit/s
95th percentile per-packet one-way delay: 19.816 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 372.42 Mbit/s
95th percentile per-packet one-way delay: 19.816 ms
Loss rate: 0.00%

Run 3: Report of LEDBAT — Data Link

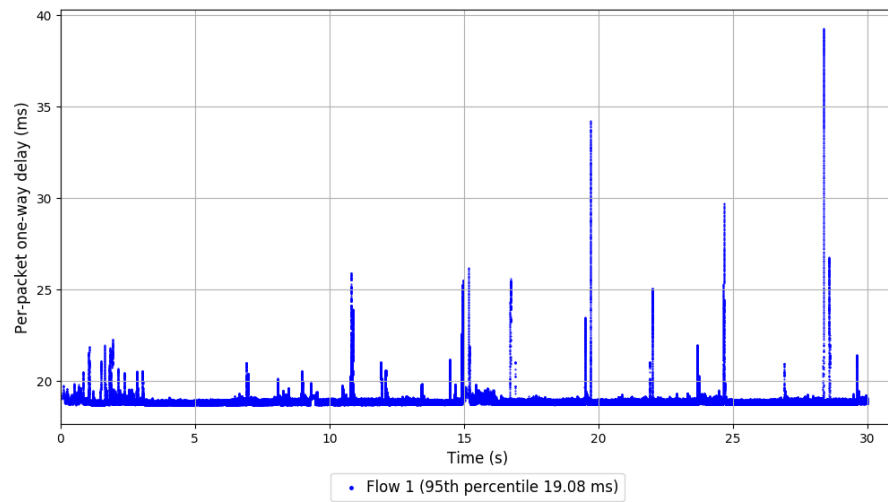
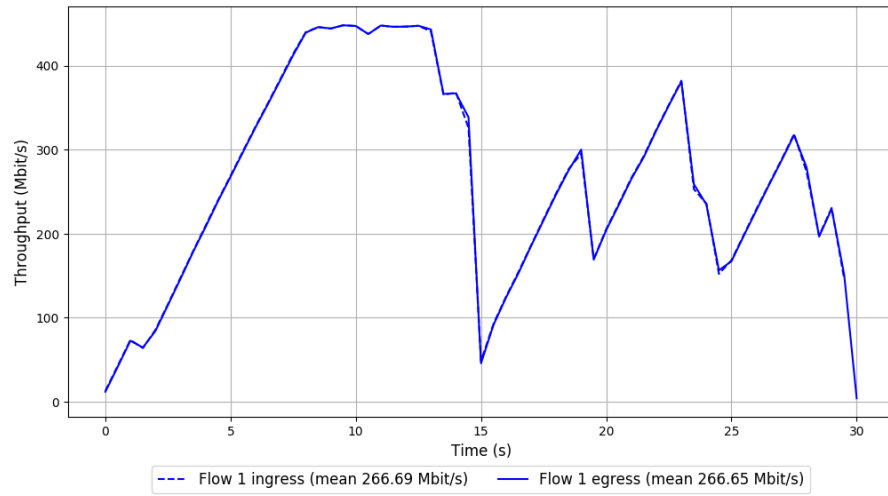


Run 4: Statistics of LEDBAT

Start at: 2018-03-20 17:04:53
End at: 2018-03-20 17:05:23
Local clock offset: 8.415 ms
Remote clock offset: -4.595 ms

Below is generated by plot.py at 2018-03-20 22:20:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 266.65 Mbit/s
95th percentile per-packet one-way delay: 19.077 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 266.65 Mbit/s
95th percentile per-packet one-way delay: 19.077 ms
Loss rate: 0.01%

Run 4: Report of LEDBAT — Data Link

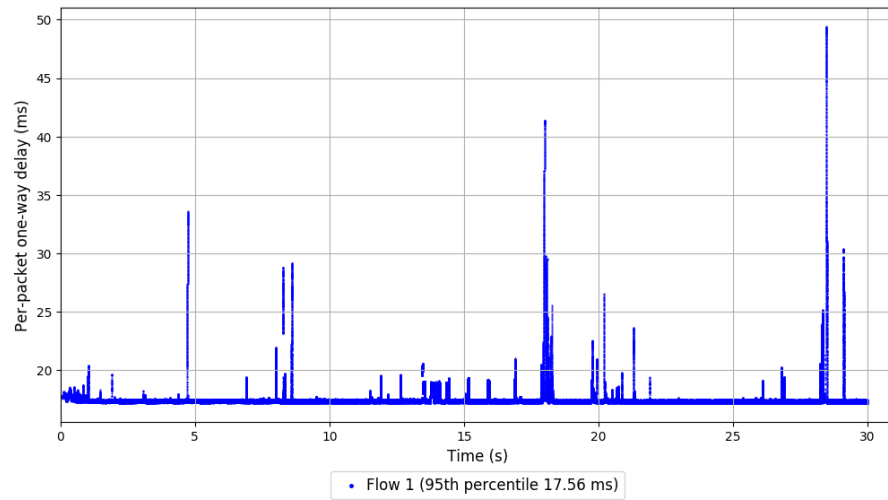
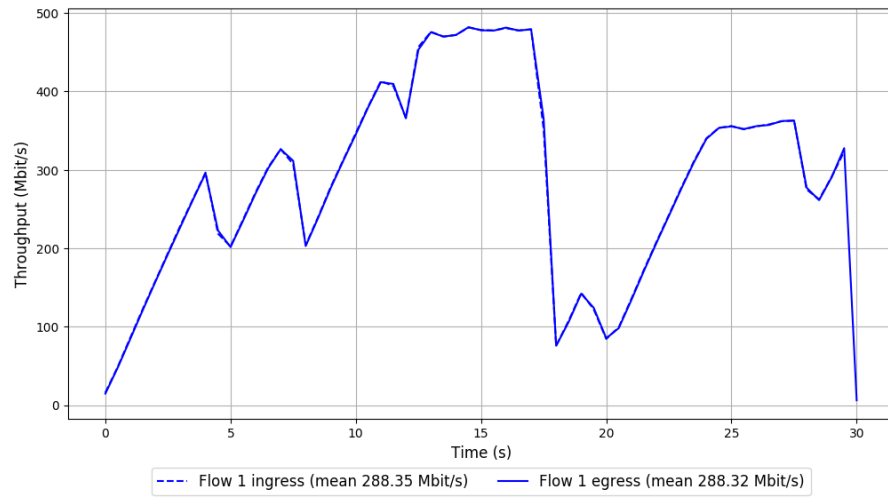


Run 5: Statistics of LEDBAT

Start at: 2018-03-20 17:32:05
End at: 2018-03-20 17:32:35
Local clock offset: 0.095 ms
Remote clock offset: -5.126 ms

Below is generated by plot.py at 2018-03-20 22:20:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 288.32 Mbit/s
95th percentile per-packet one-way delay: 17.561 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 288.32 Mbit/s
95th percentile per-packet one-way delay: 17.561 ms
Loss rate: 0.01%

Run 5: Report of LEDBAT — Data Link

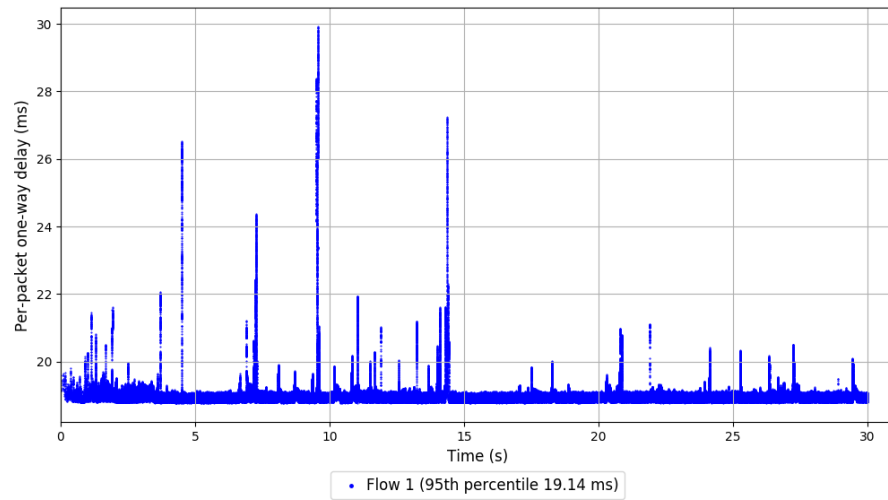
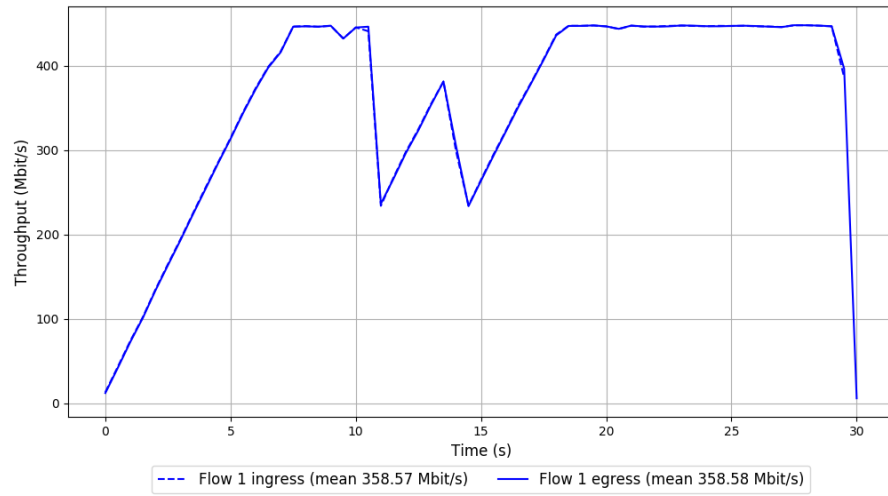


Run 6: Statistics of LEDBAT

Start at: 2018-03-20 17:59:13
End at: 2018-03-20 17:59:43
Local clock offset: 2.265 ms
Remote clock offset: -3.582 ms

Below is generated by plot.py at 2018-03-20 22:20:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 358.58 Mbit/s
95th percentile per-packet one-way delay: 19.141 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 358.58 Mbit/s
95th percentile per-packet one-way delay: 19.141 ms
Loss rate: 0.00%

Run 6: Report of LEDBAT — Data Link

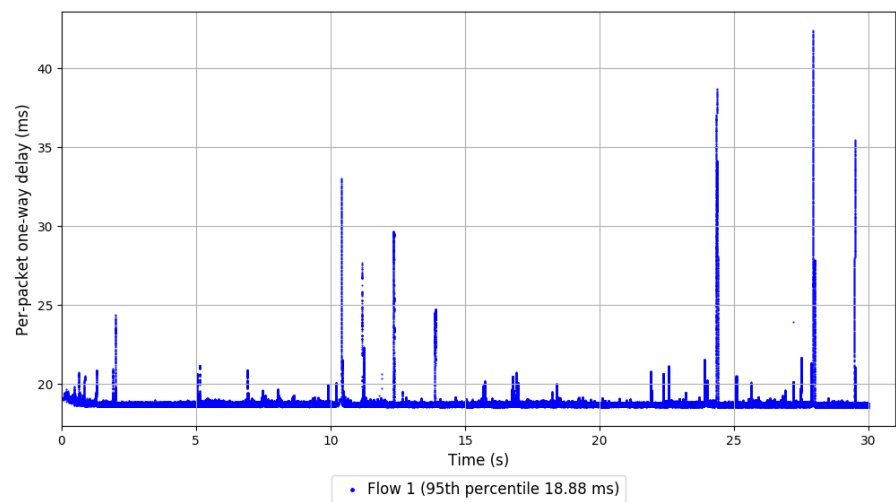
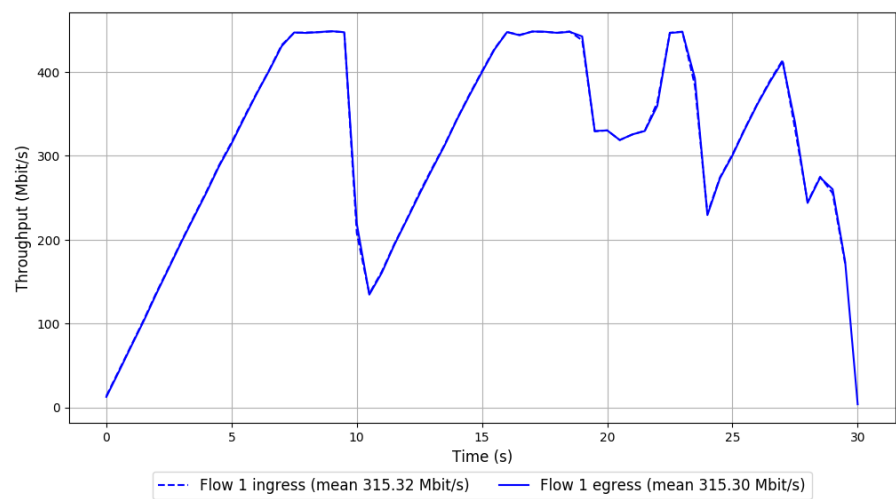


Run 7: Statistics of LEDBAT

Start at: 2018-03-20 18:26:28
End at: 2018-03-20 18:26:58
Local clock offset: 1.193 ms
Remote clock offset: -2.984 ms

Below is generated by plot.py at 2018-03-20 22:20:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 315.30 Mbit/s
95th percentile per-packet one-way delay: 18.883 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 315.30 Mbit/s
95th percentile per-packet one-way delay: 18.883 ms
Loss rate: 0.01%

Run 7: Report of LEDBAT — Data Link

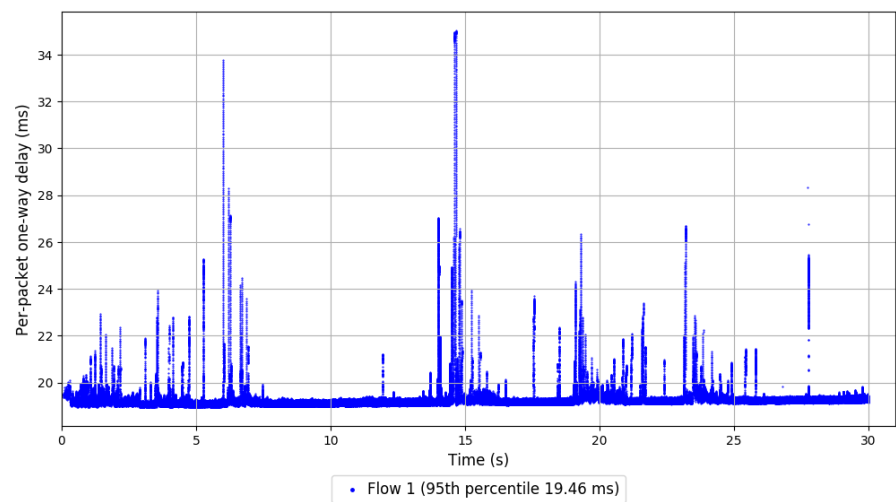
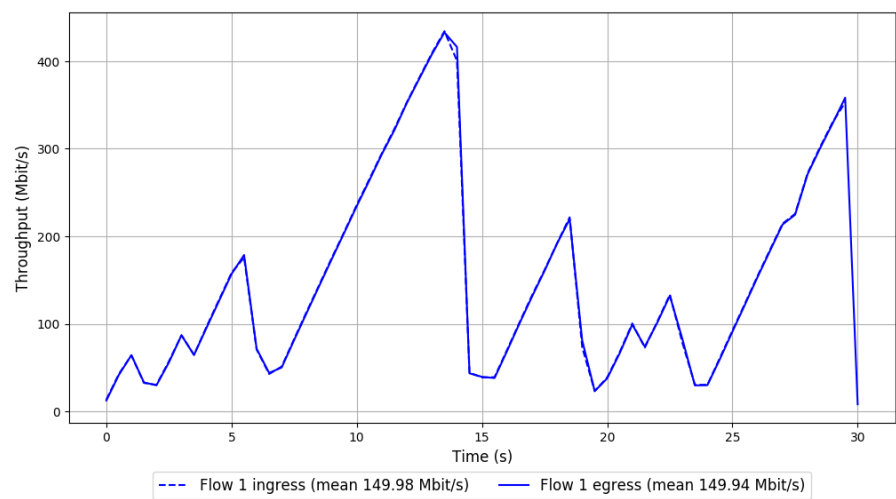


Run 8: Statistics of LEDBAT

Start at: 2018-03-20 18:53:38
End at: 2018-03-20 18:54:08
Local clock offset: 1.82 ms
Remote clock offset: -4.434 ms

Below is generated by plot.py at 2018-03-20 22:20:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 149.94 Mbit/s
95th percentile per-packet one-way delay: 19.462 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 149.94 Mbit/s
95th percentile per-packet one-way delay: 19.462 ms
Loss rate: 0.03%

Run 8: Report of LEDBAT — Data Link

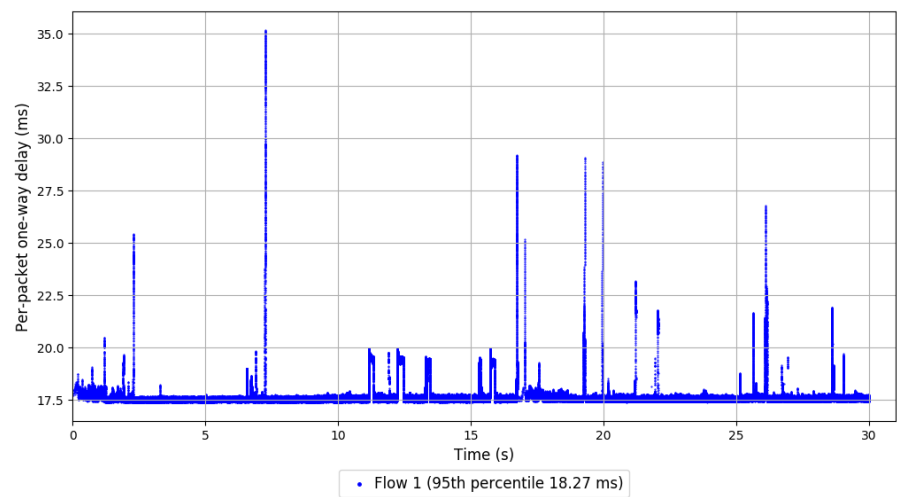
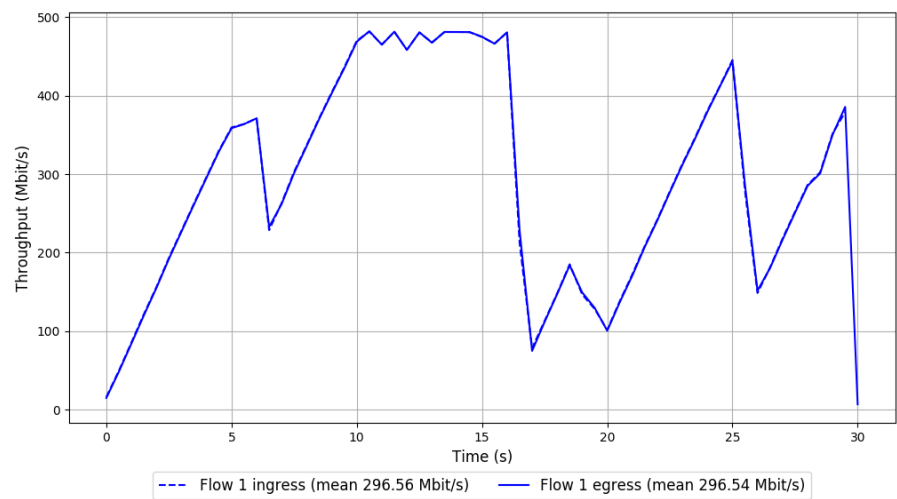


Run 9: Statistics of LEDBAT

Start at: 2018-03-20 19:20:35
End at: 2018-03-20 19:21:05
Local clock offset: 4.391 ms
Remote clock offset: -7.086 ms

Below is generated by plot.py at 2018-03-20 22:22:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 296.54 Mbit/s
95th percentile per-packet one-way delay: 18.270 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 296.54 Mbit/s
95th percentile per-packet one-way delay: 18.270 ms
Loss rate: 0.01%

Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: 2018-03-20 19:47:42

End at: 2018-03-20 19:48:12

Local clock offset: -0.222 ms

Remote clock offset: -6.72 ms

Below is generated by plot.py at 2018-03-20 22:22:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 272.73 Mbit/s

95th percentile per-packet one-way delay: 19.024 ms

Loss rate: 0.00%

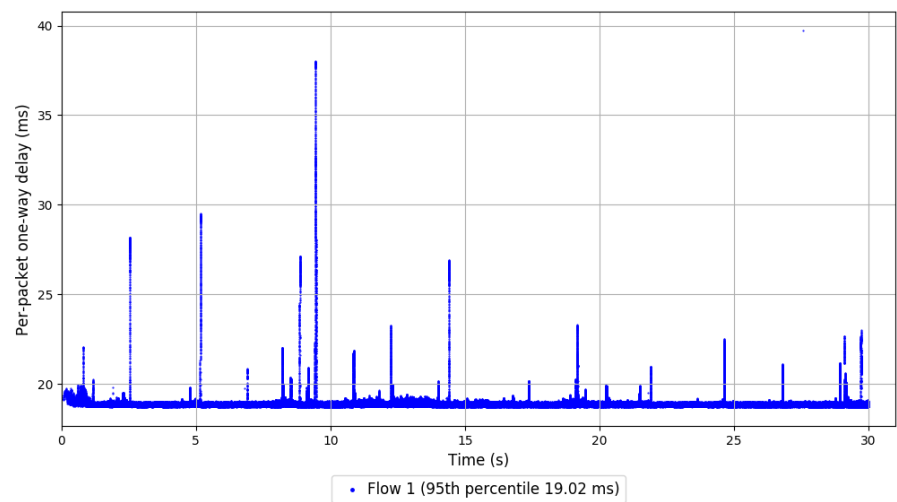
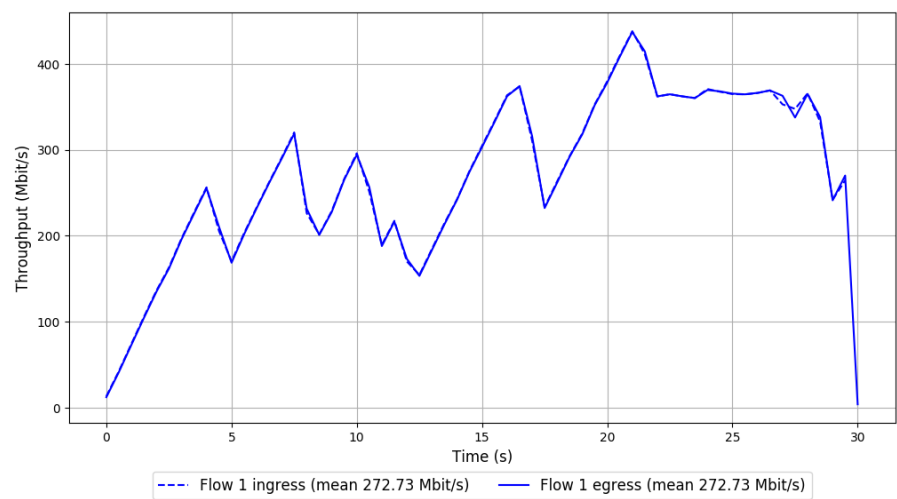
-- Flow 1:

Average throughput: 272.73 Mbit/s

95th percentile per-packet one-way delay: 19.024 ms

Loss rate: 0.00%

Run 10: Report of LEDBAT — Data Link

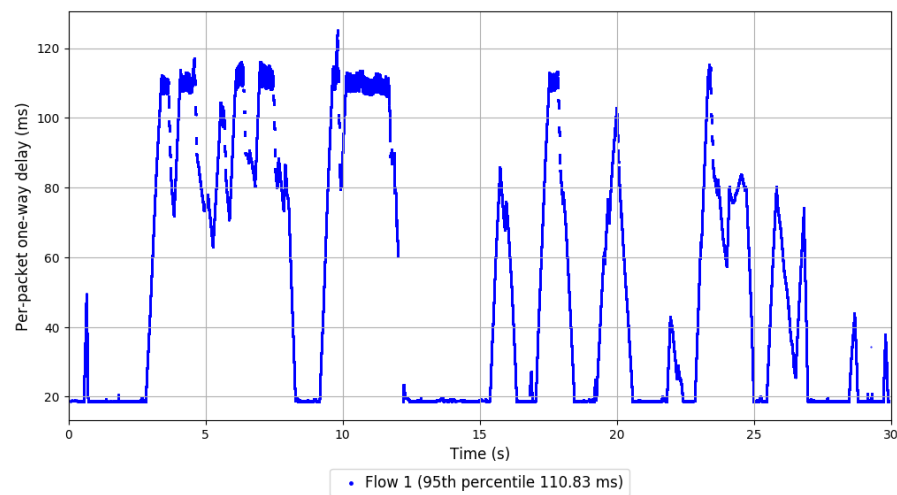
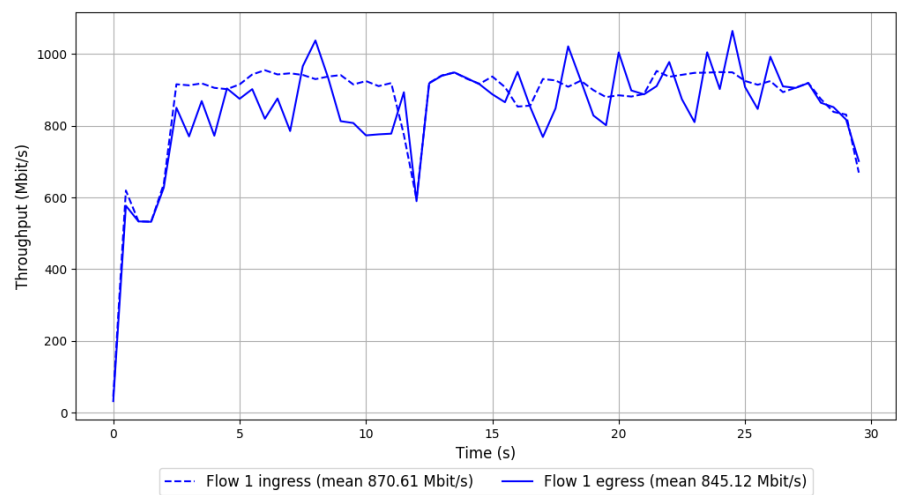


Run 1: Statistics of PCC

Start at: 2018-03-20 15:35:06
End at: 2018-03-20 15:35:36
Local clock offset: -0.02 ms
Remote clock offset: -4.344 ms

Below is generated by plot.py at 2018-03-20 22:31:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 845.12 Mbit/s
95th percentile per-packet one-way delay: 110.828 ms
Loss rate: 2.93%
-- Flow 1:
Average throughput: 845.12 Mbit/s
95th percentile per-packet one-way delay: 110.828 ms
Loss rate: 2.93%

Run 1: Report of PCC — Data Link

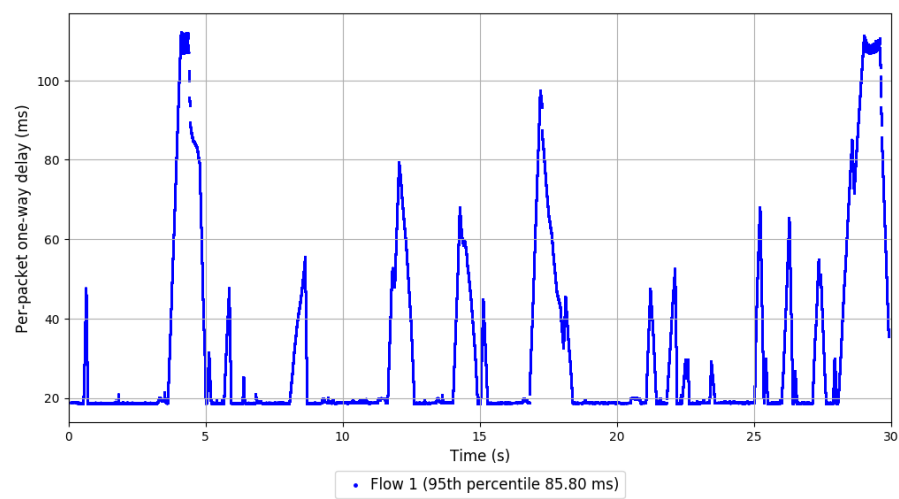
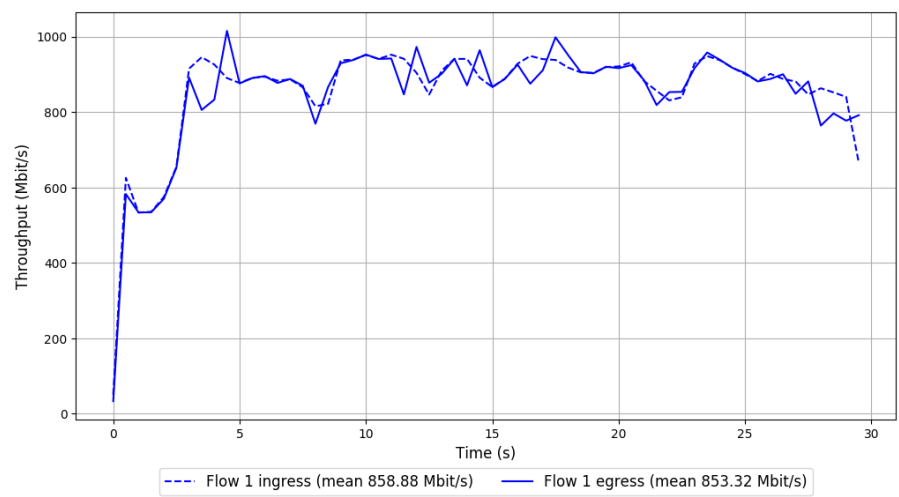


Run 2: Statistics of PCC

Start at: 2018-03-20 16:02:20
End at: 2018-03-20 16:02:50
Local clock offset: -0.234 ms
Remote clock offset: -4.511 ms

Below is generated by plot.py at 2018-03-20 22:32:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 853.32 Mbit/s
95th percentile per-packet one-way delay: 85.795 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 853.32 Mbit/s
95th percentile per-packet one-way delay: 85.795 ms
Loss rate: 0.65%

Run 2: Report of PCC — Data Link

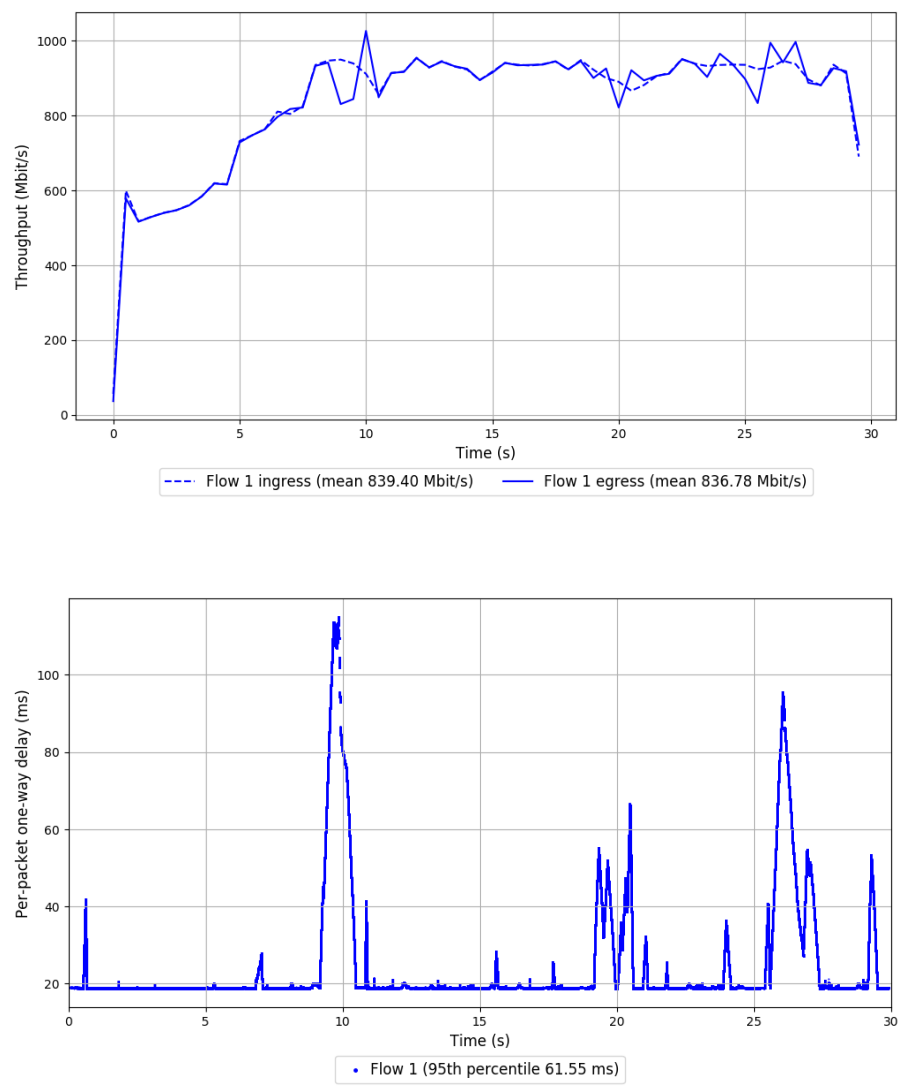


Run 3: Statistics of PCC

Start at: 2018-03-20 16:29:45
End at: 2018-03-20 16:30:15
Local clock offset: -0.487 ms
Remote clock offset: -4.386 ms

Below is generated by plot.py at 2018-03-20 22:32:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 836.78 Mbit/s
95th percentile per-packet one-way delay: 61.550 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 836.78 Mbit/s
95th percentile per-packet one-way delay: 61.550 ms
Loss rate: 0.31%

Run 3: Report of PCC — Data Link

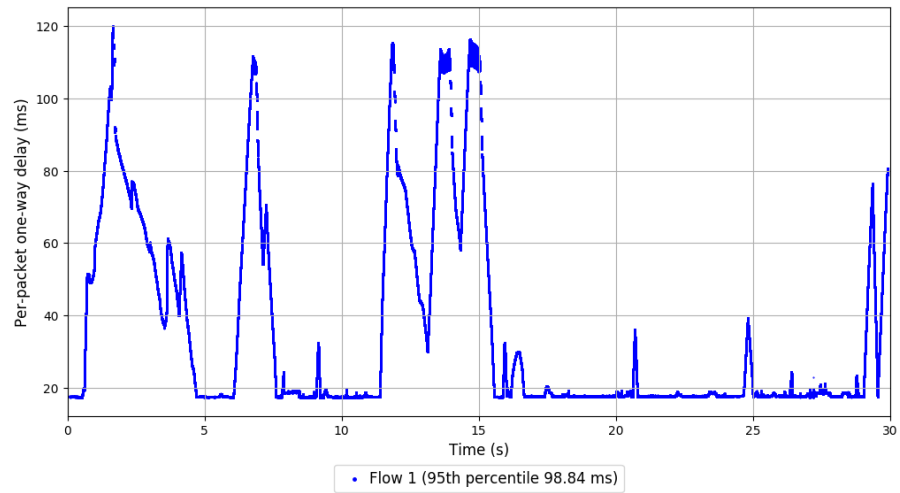
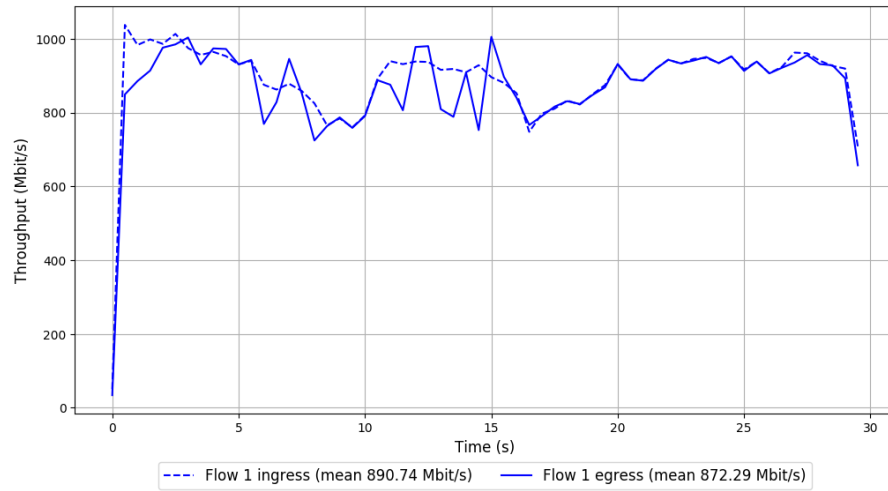


Run 4: Statistics of PCC

Start at: 2018-03-20 16:57:14
End at: 2018-03-20 16:57:44
Local clock offset: 7.583 ms
Remote clock offset: -4.553 ms

Below is generated by plot.py at 2018-03-20 22:33:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 872.29 Mbit/s
95th percentile per-packet one-way delay: 98.844 ms
Loss rate: 2.07%
-- Flow 1:
Average throughput: 872.29 Mbit/s
95th percentile per-packet one-way delay: 98.844 ms
Loss rate: 2.07%

Run 4: Report of PCC — Data Link

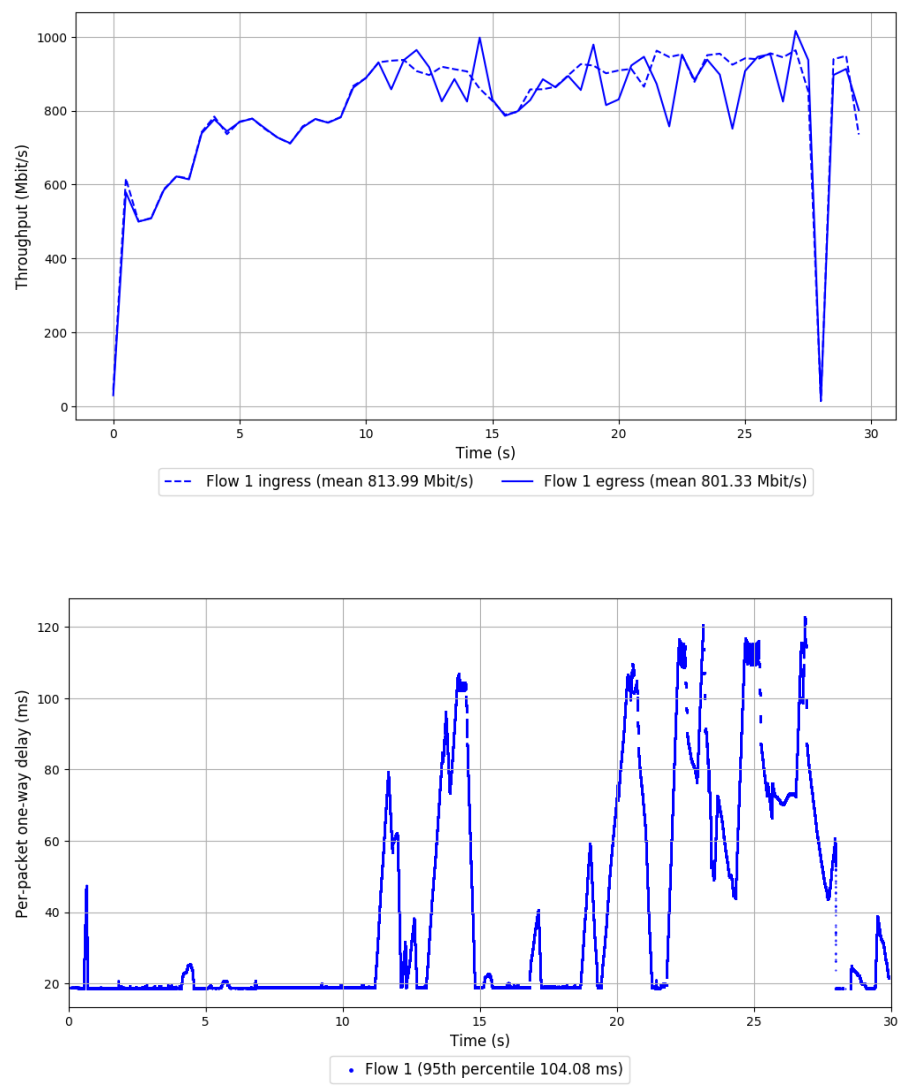


Run 5: Statistics of PCC

Start at: 2018-03-20 17:24:27
End at: 2018-03-20 17:24:57
Local clock offset: 0.852 ms
Remote clock offset: -5.163 ms

Below is generated by plot.py at 2018-03-20 22:33:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 801.33 Mbit/s
95th percentile per-packet one-way delay: 104.076 ms
Loss rate: 1.56%
-- Flow 1:
Average throughput: 801.33 Mbit/s
95th percentile per-packet one-way delay: 104.076 ms
Loss rate: 1.56%

Run 5: Report of PCC — Data Link

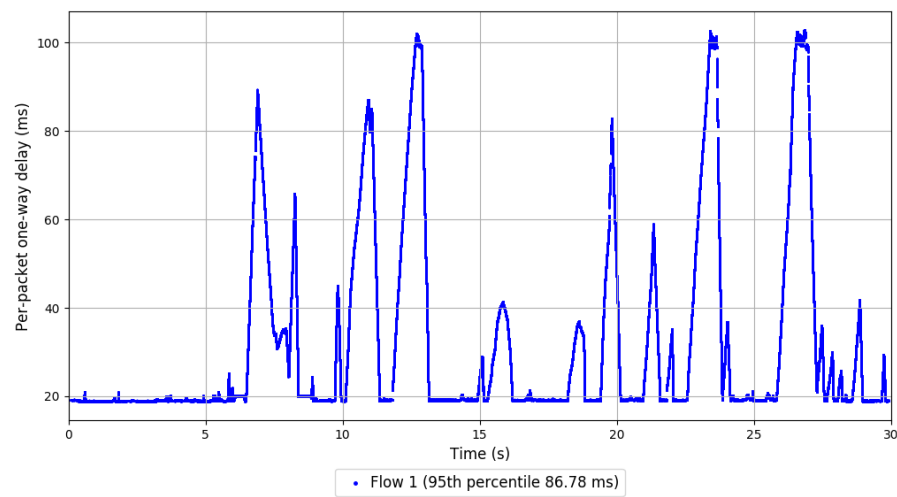
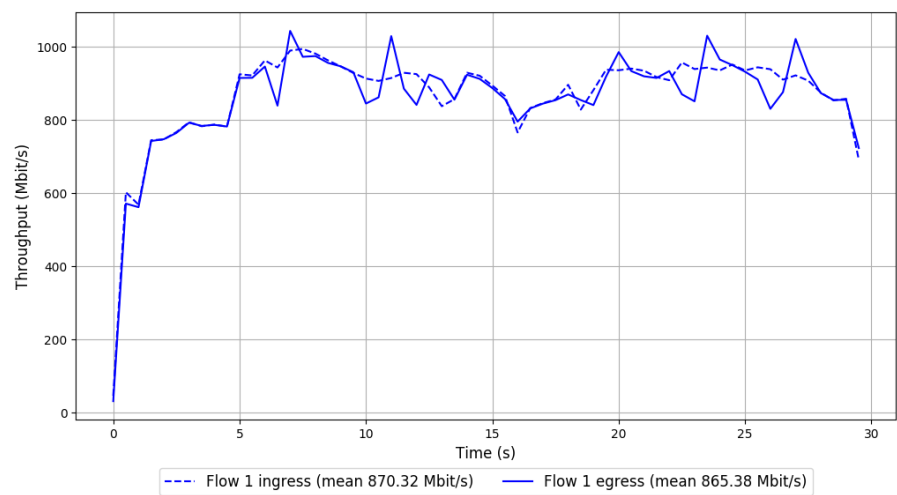


Run 6: Statistics of PCC

Start at: 2018-03-20 17:51:34
End at: 2018-03-20 17:52:04
Local clock offset: 1.769 ms
Remote clock offset: -3.936 ms

Below is generated by plot.py at 2018-03-20 22:33:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 865.38 Mbit/s
95th percentile per-packet one-way delay: 86.779 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 865.38 Mbit/s
95th percentile per-packet one-way delay: 86.779 ms
Loss rate: 0.57%

Run 6: Report of PCC — Data Link

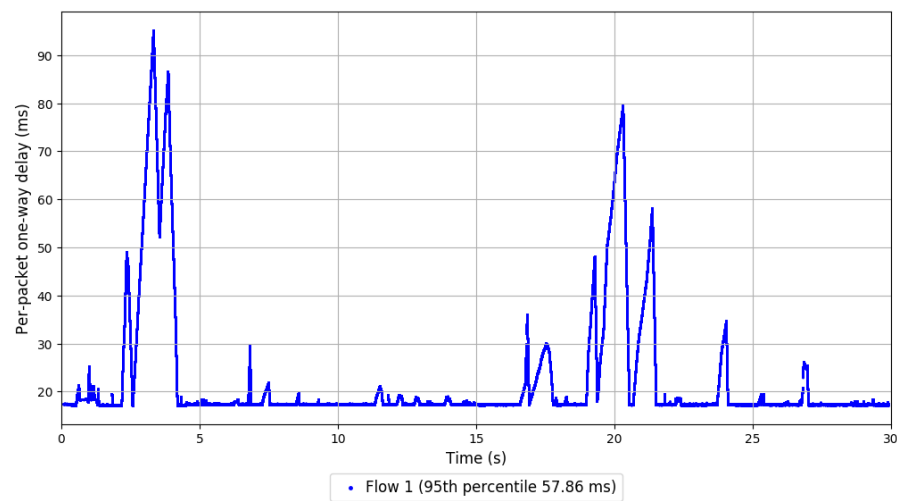
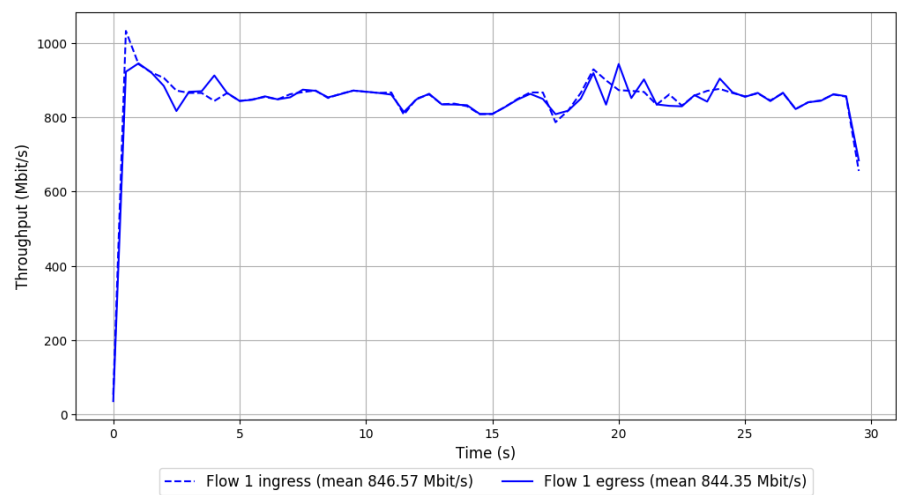


Run 7: Statistics of PCC

Start at: 2018-03-20 18:18:46
End at: 2018-03-20 18:19:16
Local clock offset: 2.05 ms
Remote clock offset: -3.177 ms

Below is generated by plot.py at 2018-03-20 22:34:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 844.35 Mbit/s
95th percentile per-packet one-way delay: 57.864 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 844.35 Mbit/s
95th percentile per-packet one-way delay: 57.864 ms
Loss rate: 0.26%

Run 7: Report of PCC — Data Link

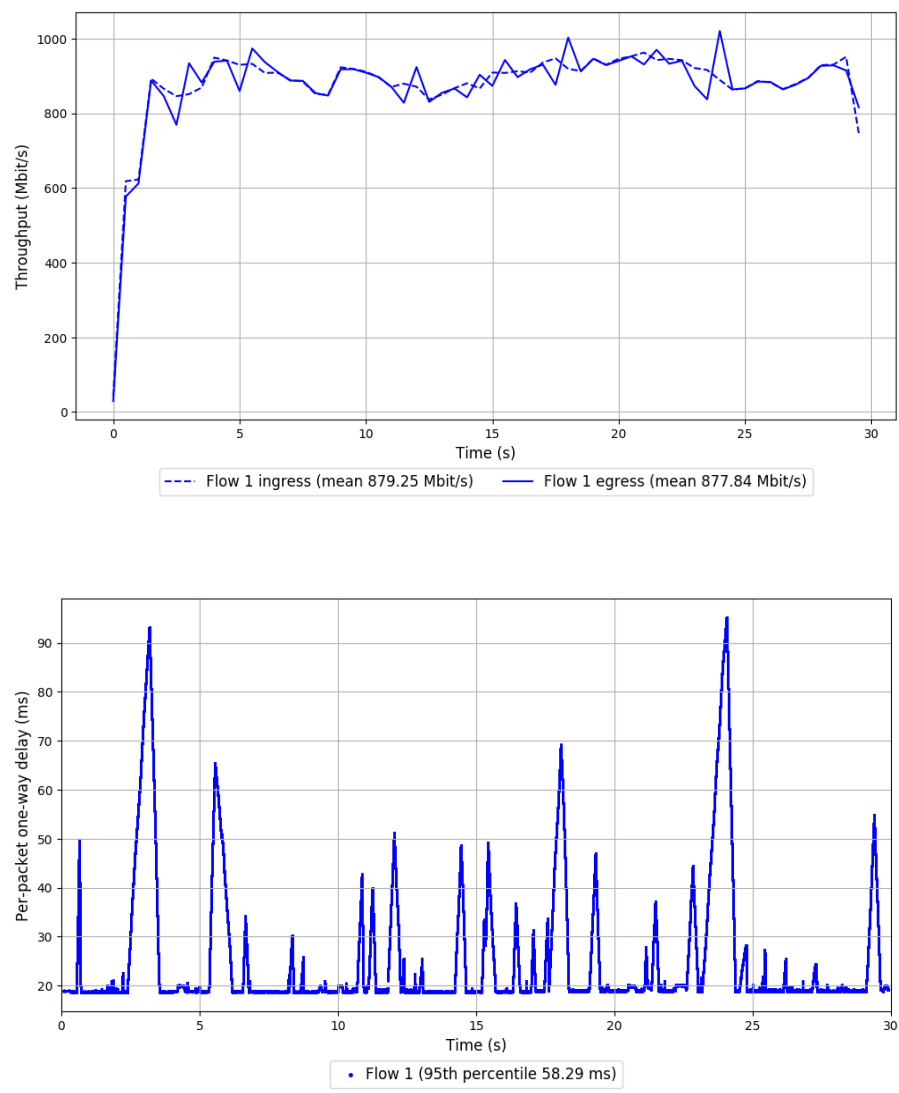


Run 8: Statistics of PCC

Start at: 2018-03-20 18:45:57
End at: 2018-03-20 18:46:27
Local clock offset: 0.522 ms
Remote clock offset: -2.719 ms

Below is generated by plot.py at 2018-03-20 22:35:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 877.84 Mbit/s
95th percentile per-packet one-way delay: 58.288 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 877.84 Mbit/s
95th percentile per-packet one-way delay: 58.288 ms
Loss rate: 0.16%

Run 8: Report of PCC — Data Link

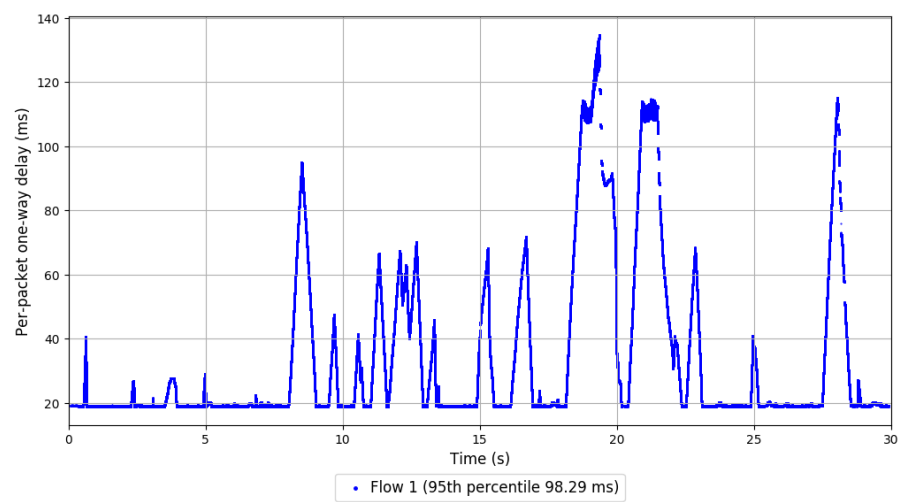
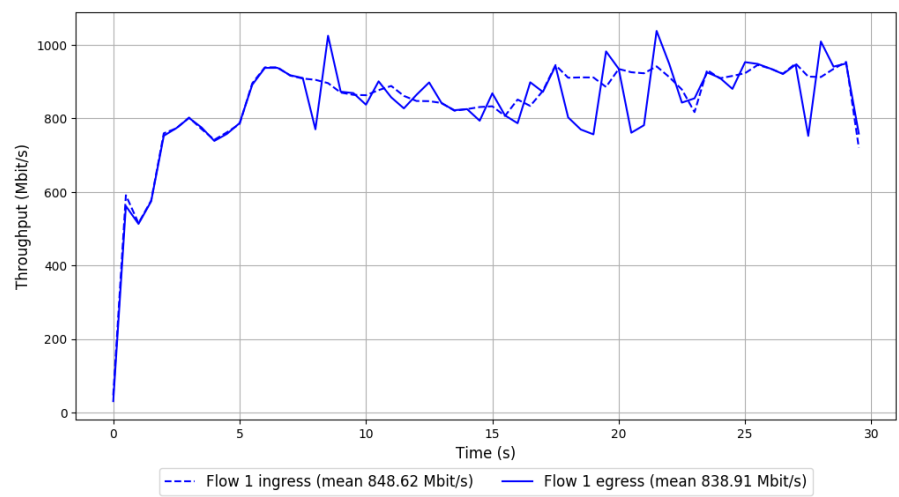


Run 9: Statistics of PCC

Start at: 2018-03-20 19:12:57
End at: 2018-03-20 19:13:27
Local clock offset: 4.006 ms
Remote clock offset: -6.782 ms

Below is generated by plot.py at 2018-03-20 22:44:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 838.91 Mbit/s
95th percentile per-packet one-way delay: 98.289 ms
Loss rate: 1.14%
-- Flow 1:
Average throughput: 838.91 Mbit/s
95th percentile per-packet one-way delay: 98.289 ms
Loss rate: 1.14%

Run 9: Report of PCC — Data Link

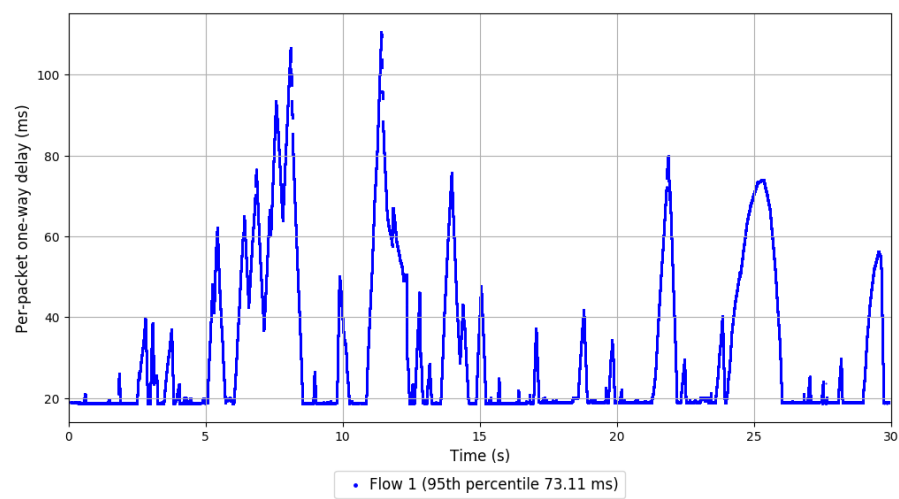
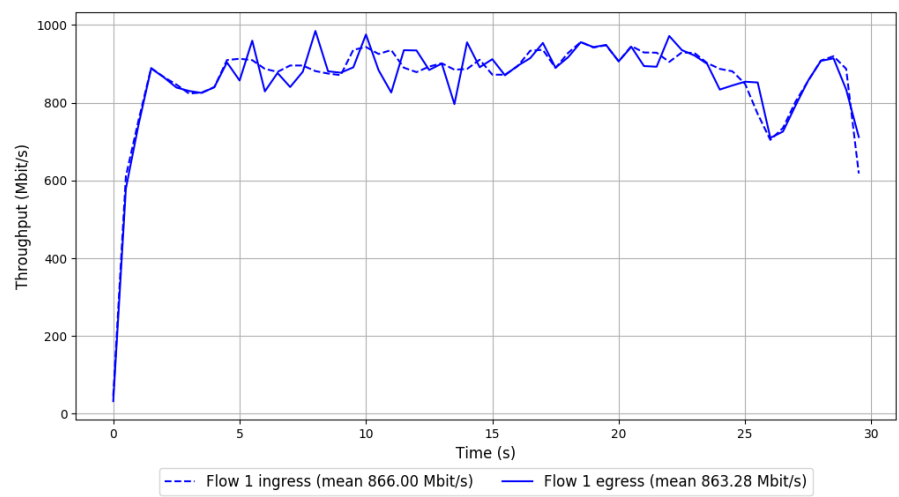


Run 10: Statistics of PCC

Start at: 2018-03-20 19:40:05
End at: 2018-03-20 19:40:35
Local clock offset: 0.314 ms
Remote clock offset: -6.704 ms

Below is generated by plot.py at 2018-03-20 22:45:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 863.28 Mbit/s
95th percentile per-packet one-way delay: 73.106 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 863.28 Mbit/s
95th percentile per-packet one-way delay: 73.106 ms
Loss rate: 0.31%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2018-03-20 15:24:33

End at: 2018-03-20 15:25:03

Local clock offset: -0.269 ms

Remote clock offset: -3.824 ms

Below is generated by plot.py at 2018-03-20 22:45:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.55 Mbit/s

95th percentile per-packet one-way delay: 18.812 ms

Loss rate: 0.00%

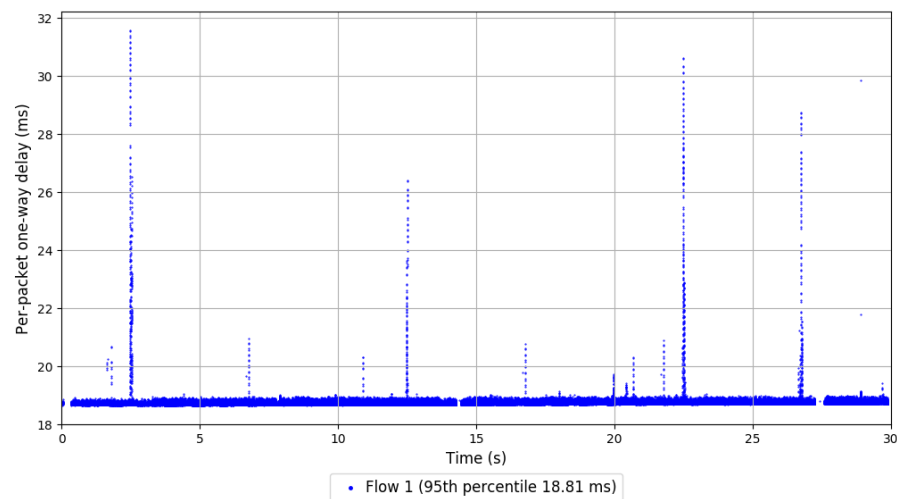
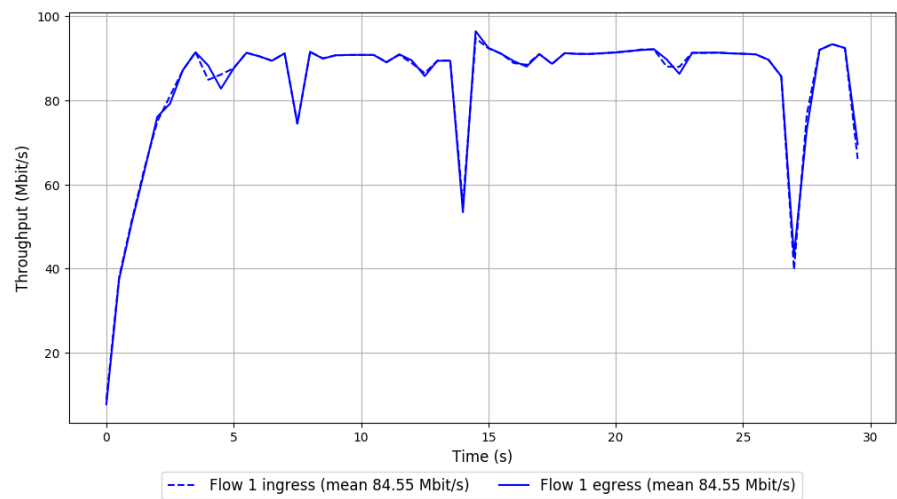
-- Flow 1:

Average throughput: 84.55 Mbit/s

95th percentile per-packet one-way delay: 18.812 ms

Loss rate: 0.00%

Run 1: Report of QUIC Cubic — Data Link

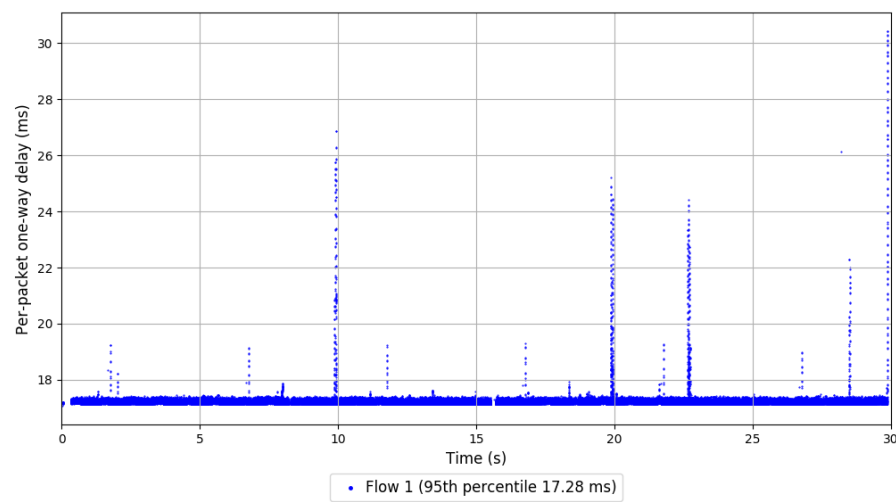
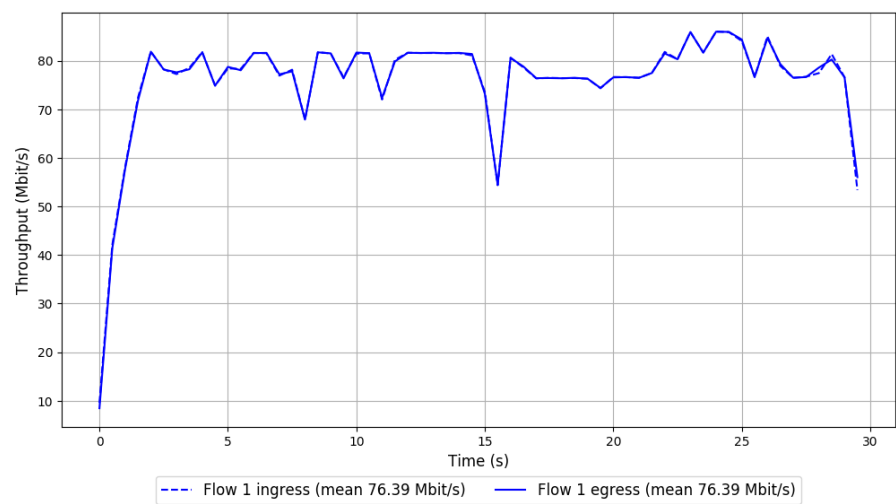


Run 2: Statistics of QUIC Cubic

Start at: 2018-03-20 15:51:55
End at: 2018-03-20 15:52:25
Local clock offset: -0.207 ms
Remote clock offset: -4.514 ms

Below is generated by plot.py at 2018-03-20 22:45:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.39 Mbit/s
95th percentile per-packet one-way delay: 17.278 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 76.39 Mbit/s
95th percentile per-packet one-way delay: 17.278 ms
Loss rate: 0.00%

Run 2: Report of QUIC Cubic — Data Link

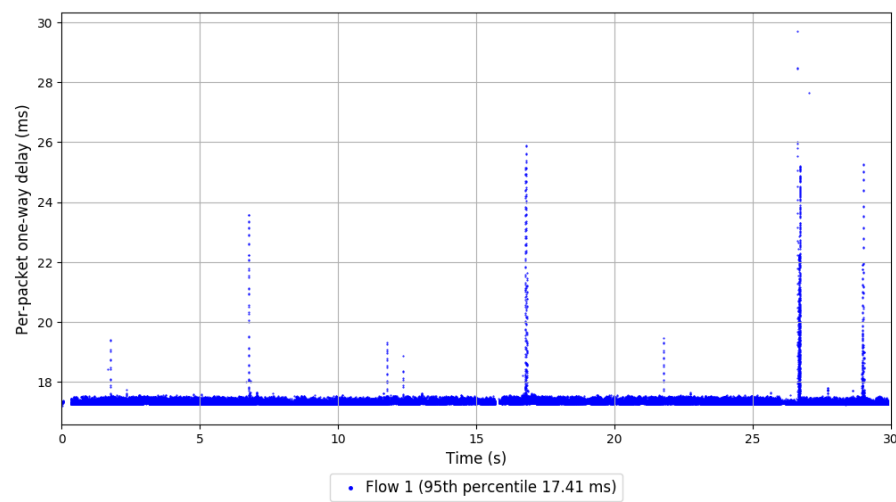
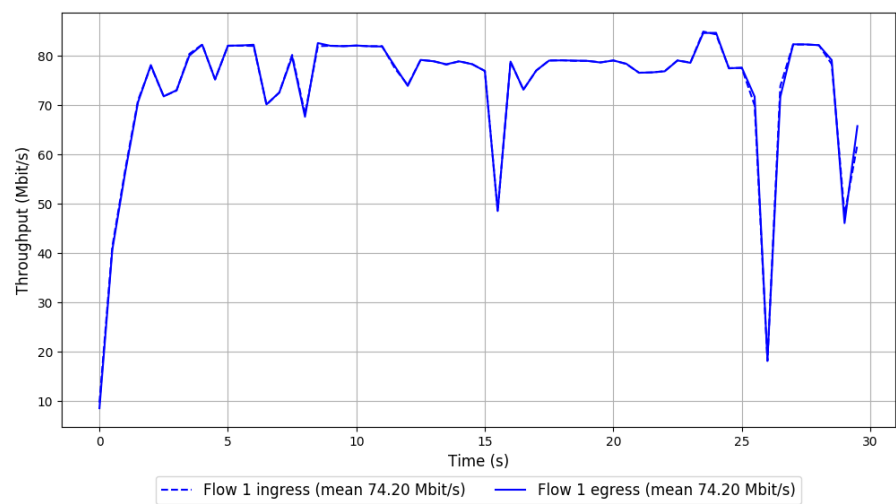


Run 3: Statistics of QUIC Cubic

Start at: 2018-03-20 16:19:08
End at: 2018-03-20 16:19:38
Local clock offset: -0.431 ms
Remote clock offset: -4.438 ms

Below is generated by plot.py at 2018-03-20 22:45:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.20 Mbit/s
95th percentile per-packet one-way delay: 17.405 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 74.20 Mbit/s
95th percentile per-packet one-way delay: 17.405 ms
Loss rate: 0.00%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2018-03-20 16:46:46

End at: 2018-03-20 16:47:16

Local clock offset: 5.934 ms

Remote clock offset: -4.589 ms

Below is generated by plot.py at 2018-03-20 22:45:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 76.75 Mbit/s

95th percentile per-packet one-way delay: 18.931 ms

Loss rate: 0.00%

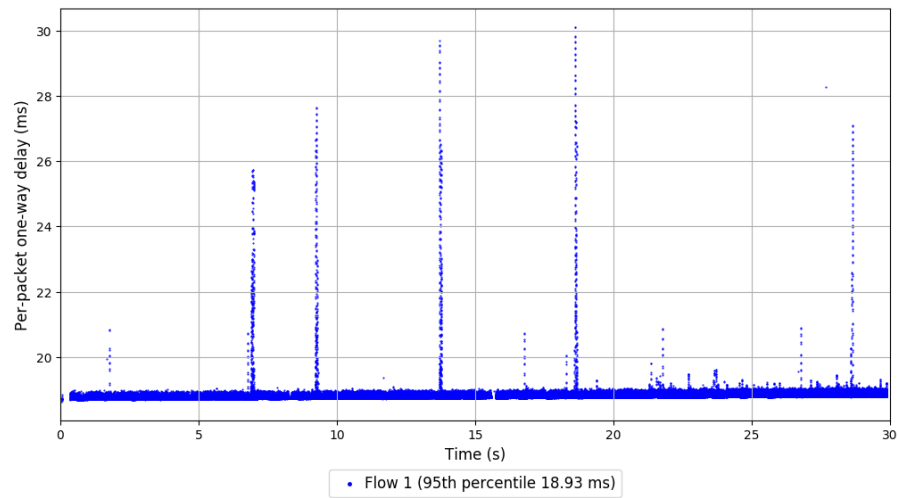
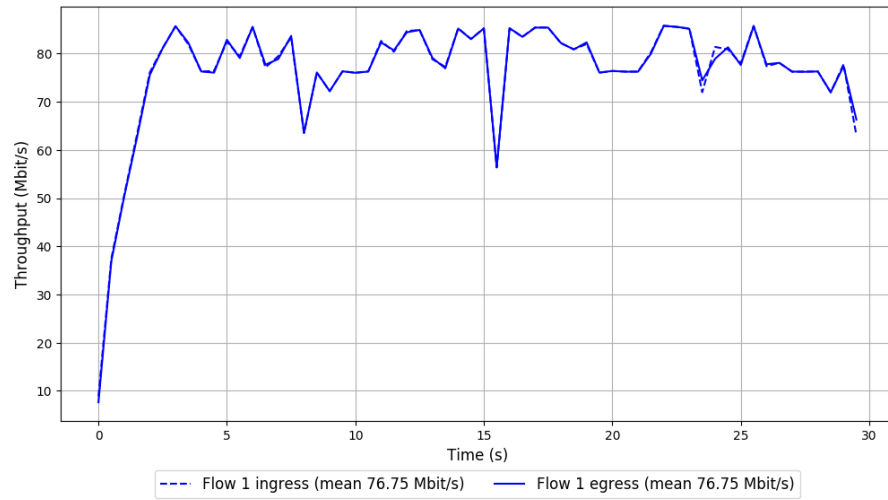
-- Flow 1:

Average throughput: 76.75 Mbit/s

95th percentile per-packet one-way delay: 18.931 ms

Loss rate: 0.00%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2018-03-20 17:14:03

End at: 2018-03-20 17:14:33

Local clock offset: 3.588 ms

Remote clock offset: -4.925 ms

Below is generated by plot.py at 2018-03-20 22:45:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.86 Mbit/s

95th percentile per-packet one-way delay: 18.514 ms

Loss rate: 0.01%

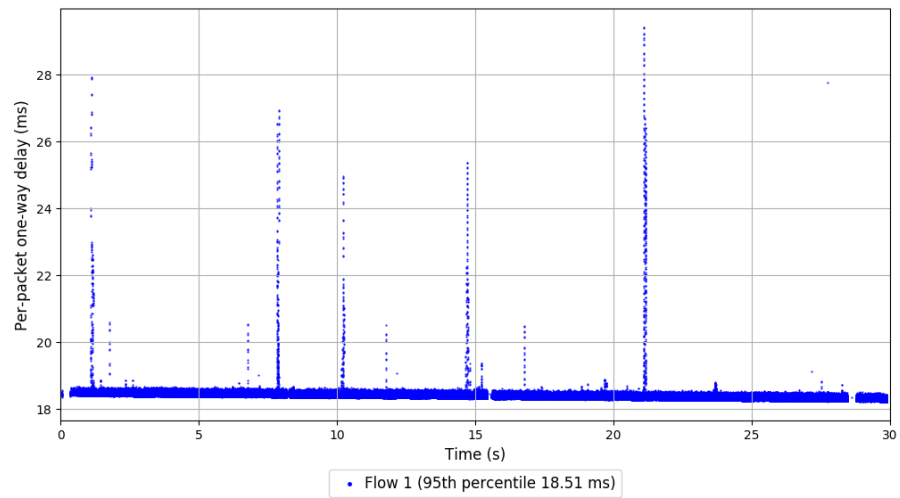
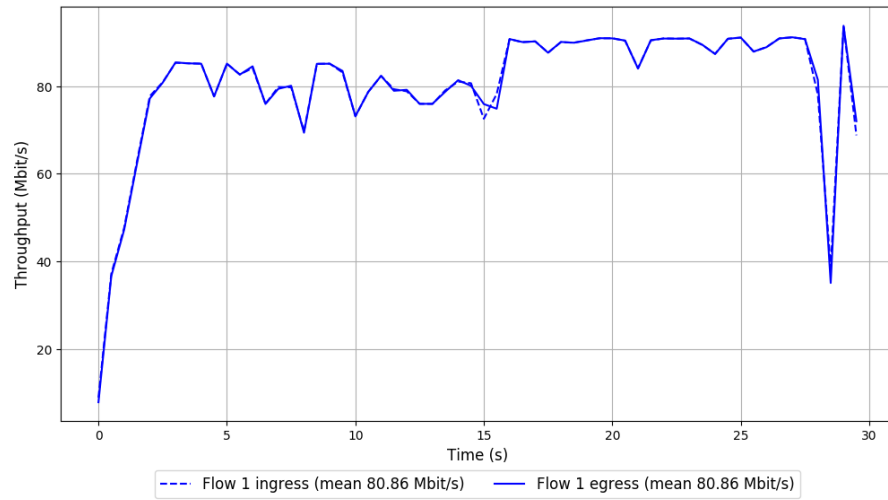
-- Flow 1:

Average throughput: 80.86 Mbit/s

95th percentile per-packet one-way delay: 18.514 ms

Loss rate: 0.01%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2018-03-20 17:41:06

End at: 2018-03-20 17:41:36

Local clock offset: -0.303 ms

Remote clock offset: -5.049 ms

Below is generated by plot.py at 2018-03-20 22:45:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.21 Mbit/s

95th percentile per-packet one-way delay: 19.063 ms

Loss rate: 0.00%

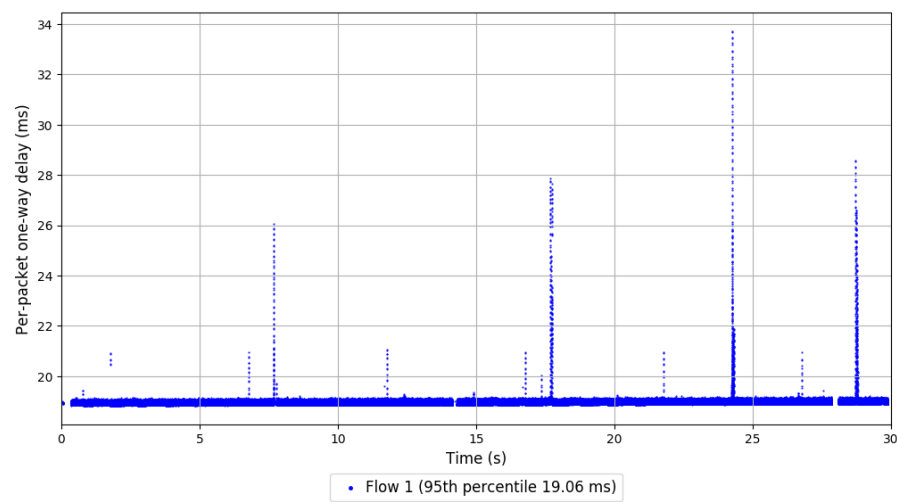
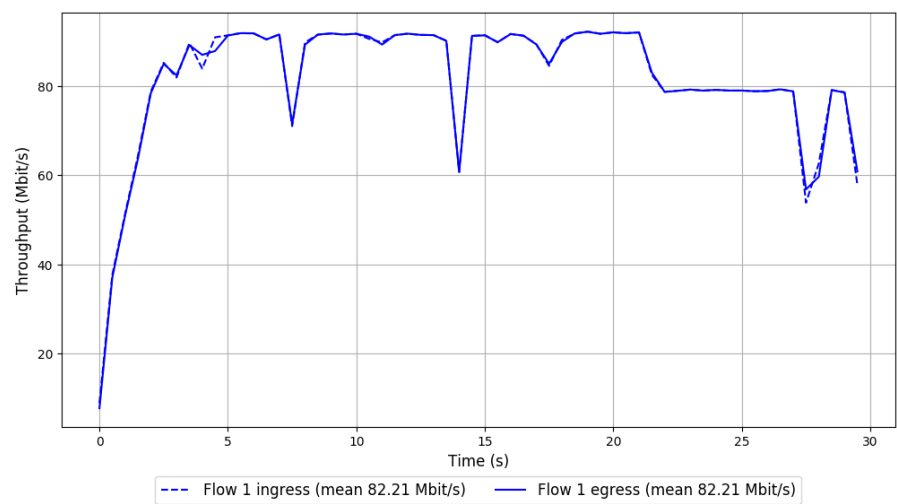
-- Flow 1:

Average throughput: 82.21 Mbit/s

95th percentile per-packet one-way delay: 19.063 ms

Loss rate: 0.00%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: 2018-03-20 18:08:24

End at: 2018-03-20 18:08:54

Local clock offset: 2.743 ms

Remote clock offset: -3.364 ms

Below is generated by plot.py at 2018-03-20 22:45:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.48 Mbit/s

95th percentile per-packet one-way delay: 18.879 ms

Loss rate: 0.00%

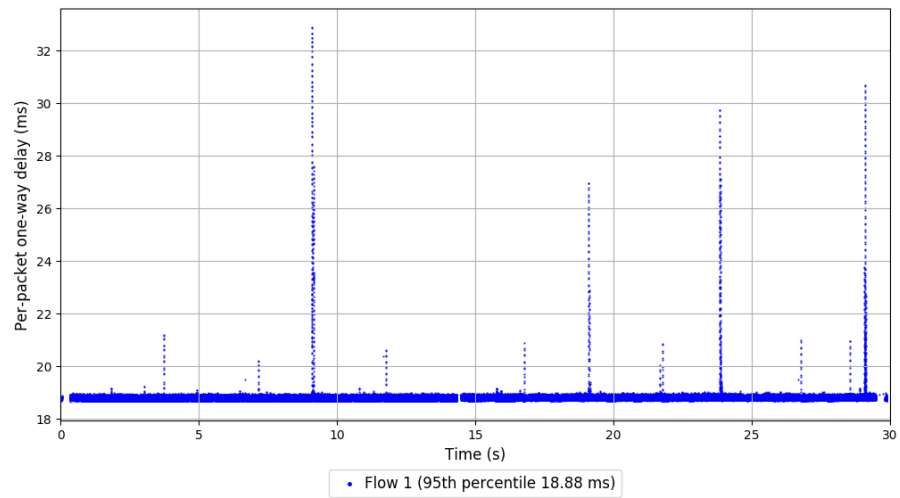
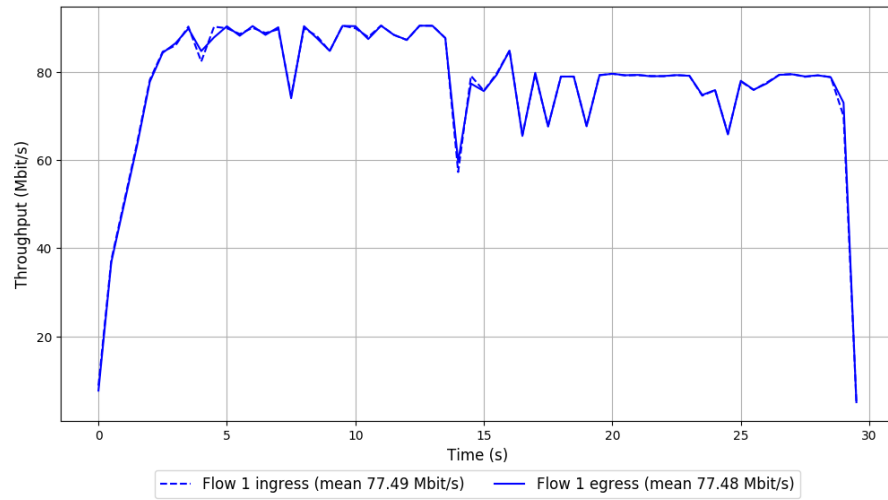
-- Flow 1:

Average throughput: 77.48 Mbit/s

95th percentile per-packet one-way delay: 18.879 ms

Loss rate: 0.00%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2018-03-20 18:35:35

End at: 2018-03-20 18:36:05

Local clock offset: 0.667 ms

Remote clock offset: -2.903 ms

Below is generated by plot.py at 2018-03-20 22:45:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.66 Mbit/s

95th percentile per-packet one-way delay: 18.832 ms

Loss rate: 0.00%

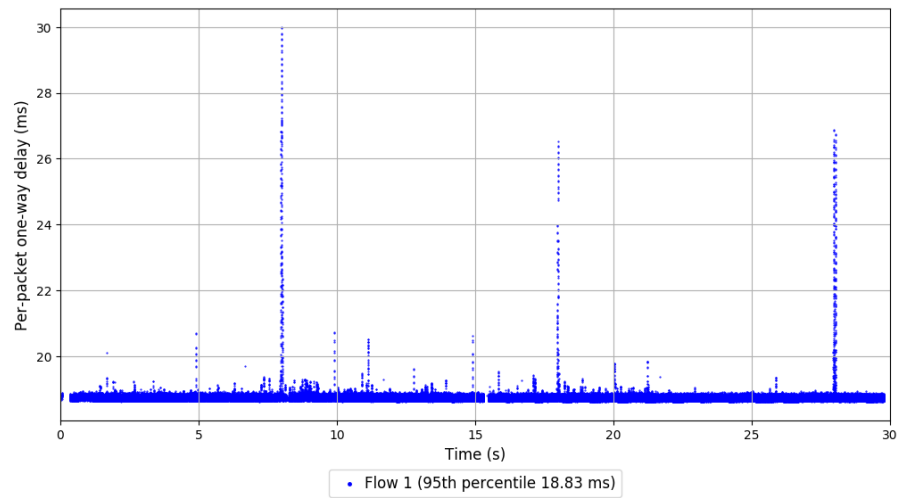
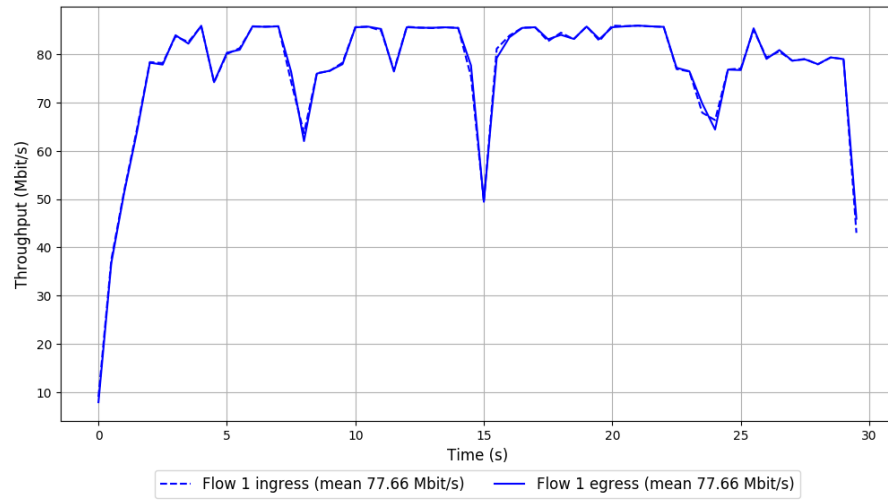
-- Flow 1:

Average throughput: 77.66 Mbit/s

95th percentile per-packet one-way delay: 18.832 ms

Loss rate: 0.00%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2018-03-20 19:02:37

End at: 2018-03-20 19:03:07

Local clock offset: 3.324 ms

Remote clock offset: -5.925 ms

Below is generated by plot.py at 2018-03-20 22:45:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.77 Mbit/s

95th percentile per-packet one-way delay: 18.959 ms

Loss rate: 0.00%

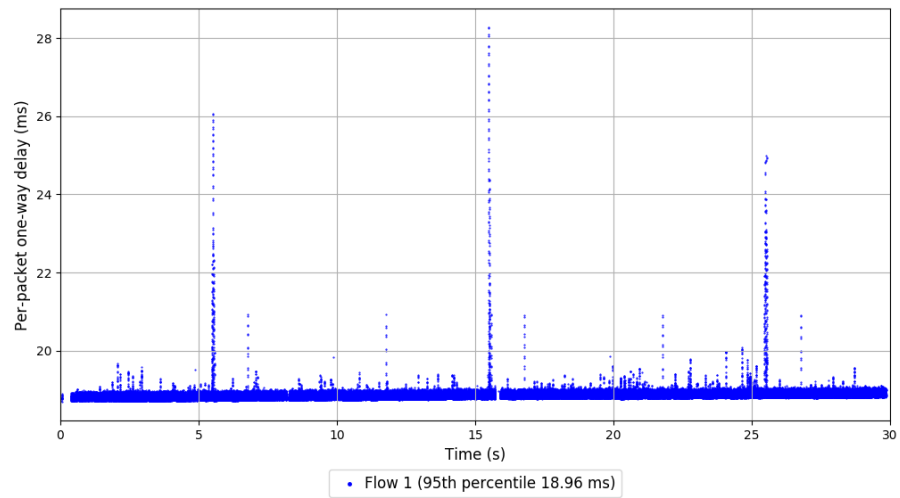
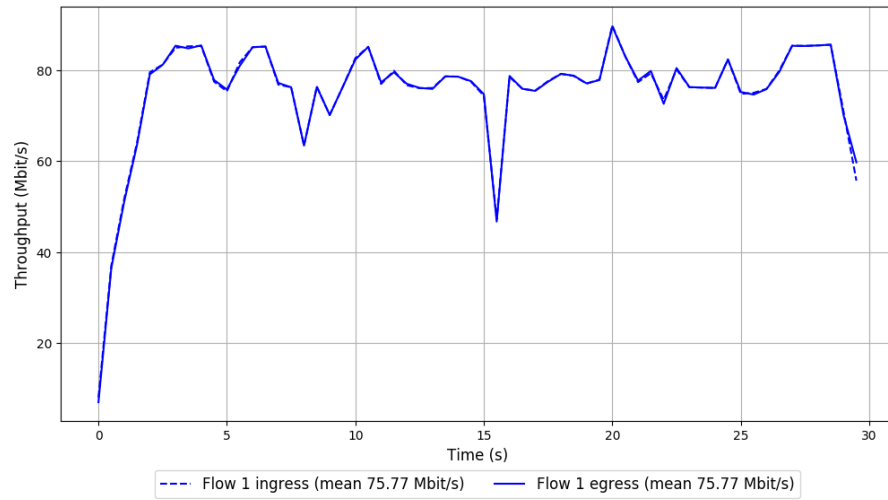
-- Flow 1:

Average throughput: 75.77 Mbit/s

95th percentile per-packet one-way delay: 18.959 ms

Loss rate: 0.00%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-03-20 19:29:49

End at: 2018-03-20 19:30:19

Local clock offset: 1.911 ms

Remote clock offset: -6.68 ms

Below is generated by plot.py at 2018-03-20 22:45:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.95 Mbit/s

95th percentile per-packet one-way delay: 18.742 ms

Loss rate: 0.00%

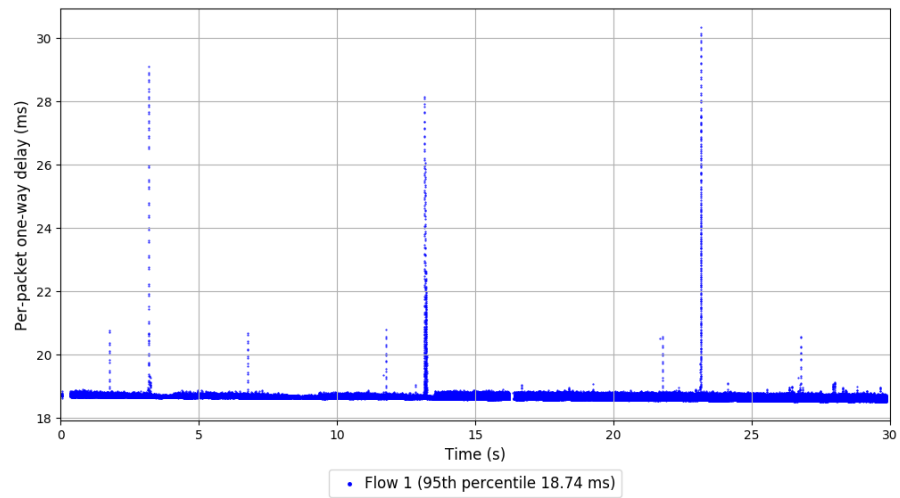
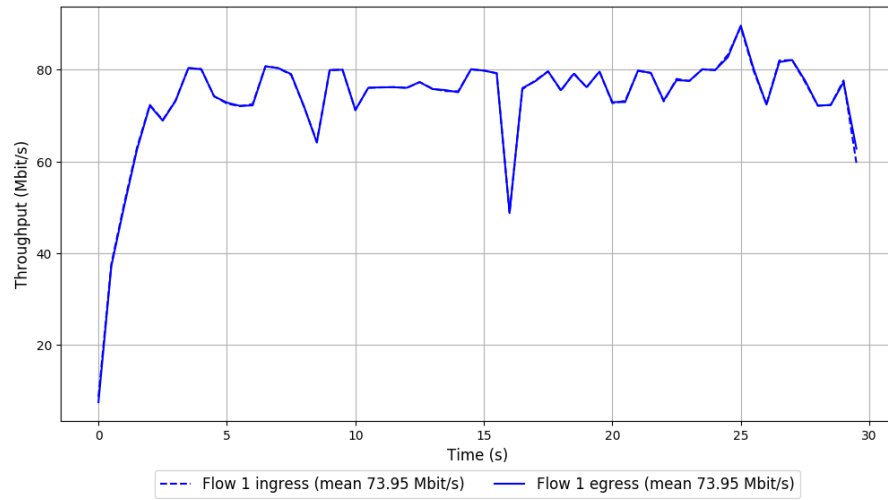
-- Flow 1:

Average throughput: 73.95 Mbit/s

95th percentile per-packet one-way delay: 18.742 ms

Loss rate: 0.00%

Run 10: Report of QUIC Cubic — Data Link

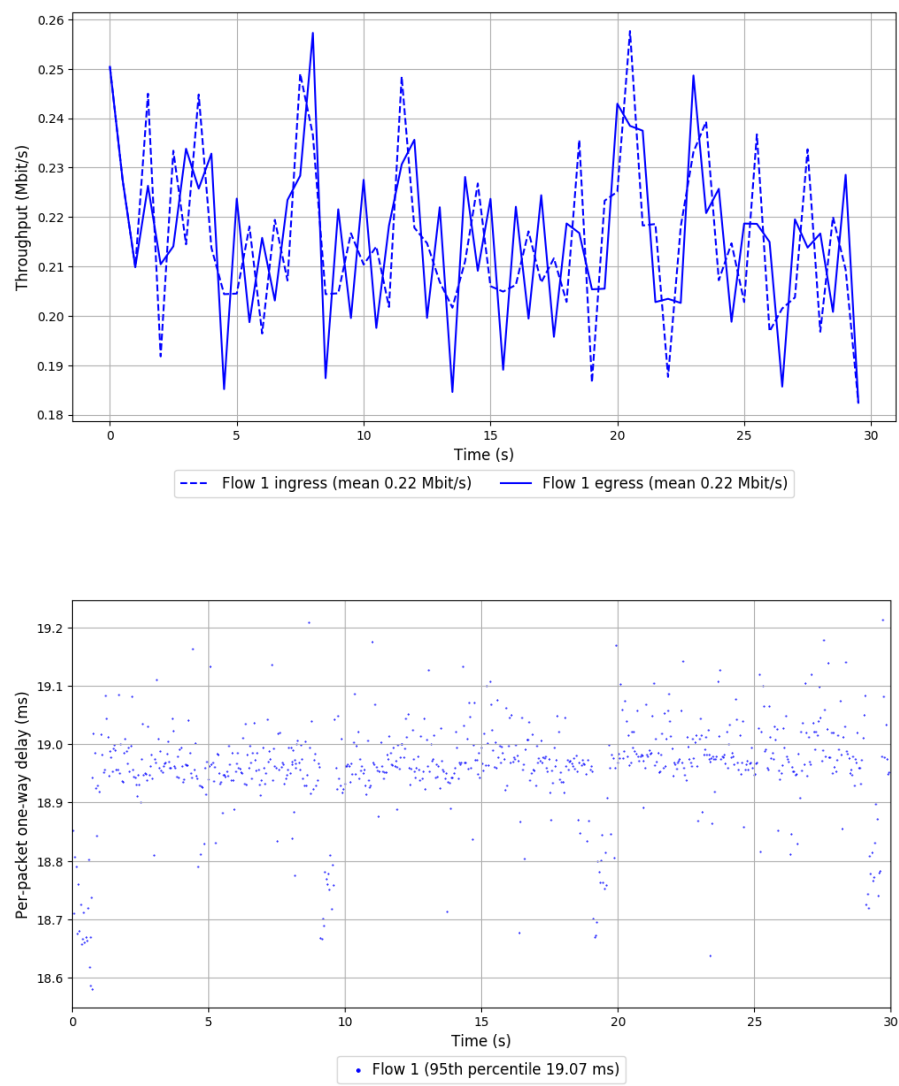


Run 1: Statistics of SCReAM

Start at: 2018-03-20 15:30:47
End at: 2018-03-20 15:31:17
Local clock offset: -0.08 ms
Remote clock offset: -4.191 ms

Below is generated by plot.py at 2018-03-20 22:45:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.069 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.069 ms
Loss rate: 0.00%

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

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

End at: 2018-03-20 15:58:31

Local clock offset: -0.265 ms

Remote clock offset: -4.5 ms

Below is generated by plot.py at 2018-03-20 22:45:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 18.978 ms

Loss rate: 0.00%

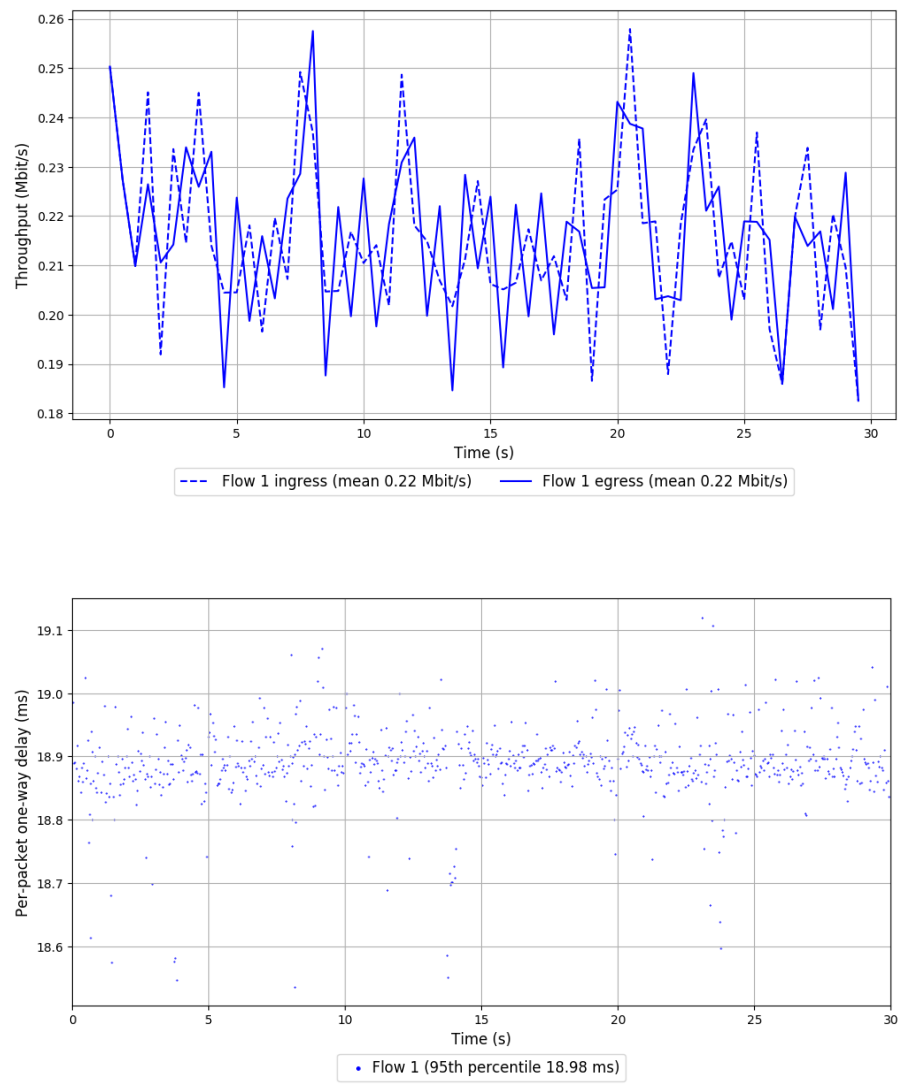
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 18.978 ms

Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

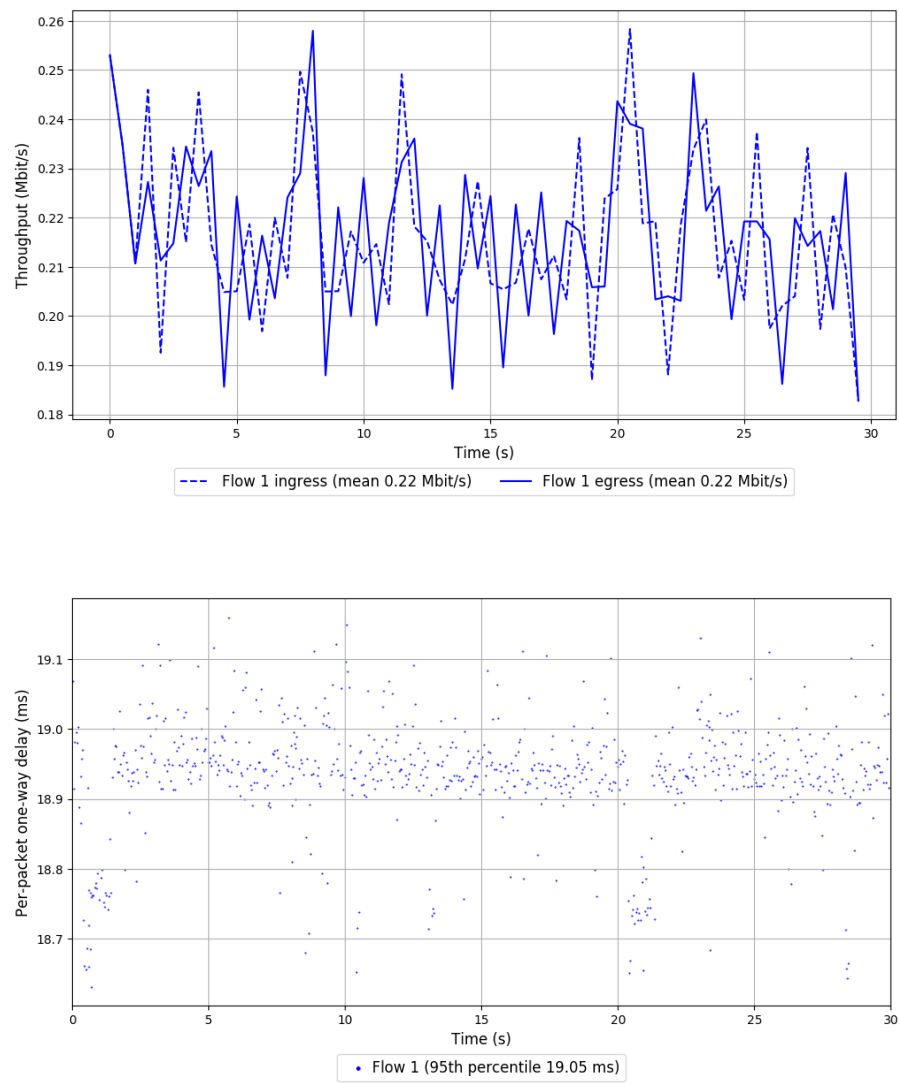


Run 3: Statistics of SCReAM

Start at: 2018-03-20 16:25:24
End at: 2018-03-20 16:25:54
Local clock offset: -0.444 ms
Remote clock offset: -4.464 ms

Below is generated by plot.py at 2018-03-20 22:45:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.051 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.051 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

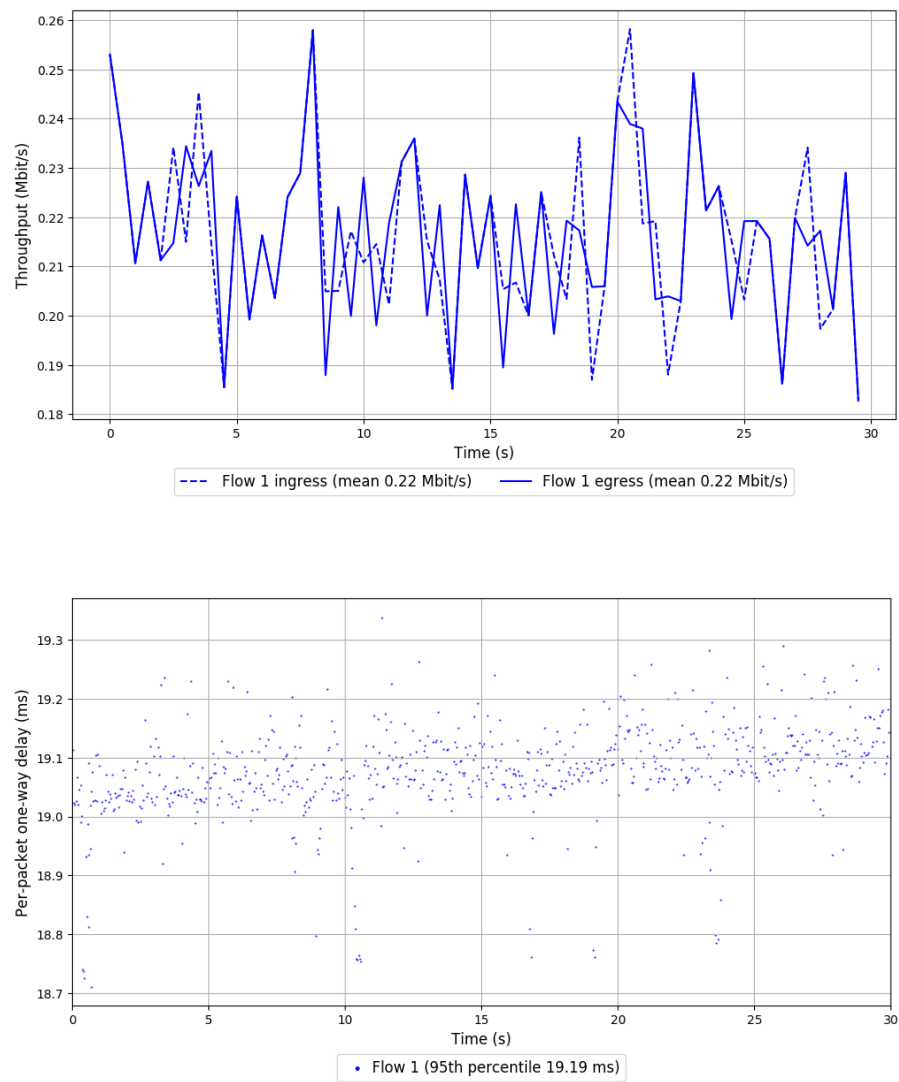


Run 4: Statistics of SCReAM

Start at: 2018-03-20 16:52:54
End at: 2018-03-20 16:53:24
Local clock offset: 7.022 ms
Remote clock offset: -4.553 ms

Below is generated by plot.py at 2018-03-20 22:45:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.192 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.192 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

Start at: 2018-03-20 17:20:08

End at: 2018-03-20 17:20:38

Local clock offset: 1.609 ms

Remote clock offset: -5.09 ms

Below is generated by plot.py at 2018-03-20 22:45:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 18.958 ms

Loss rate: 0.00%

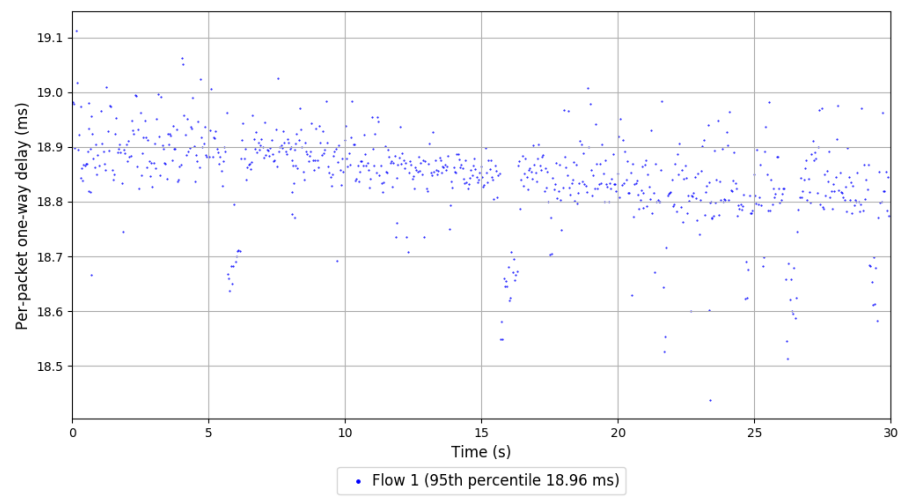
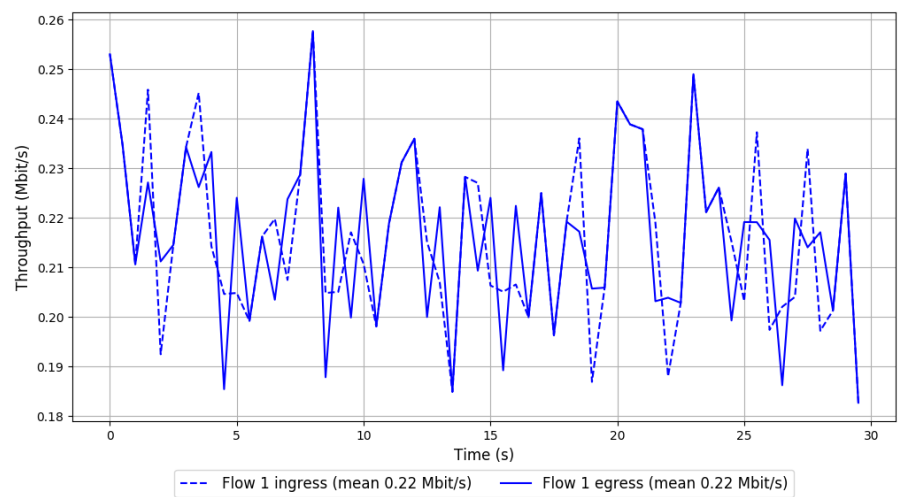
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 18.958 ms

Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

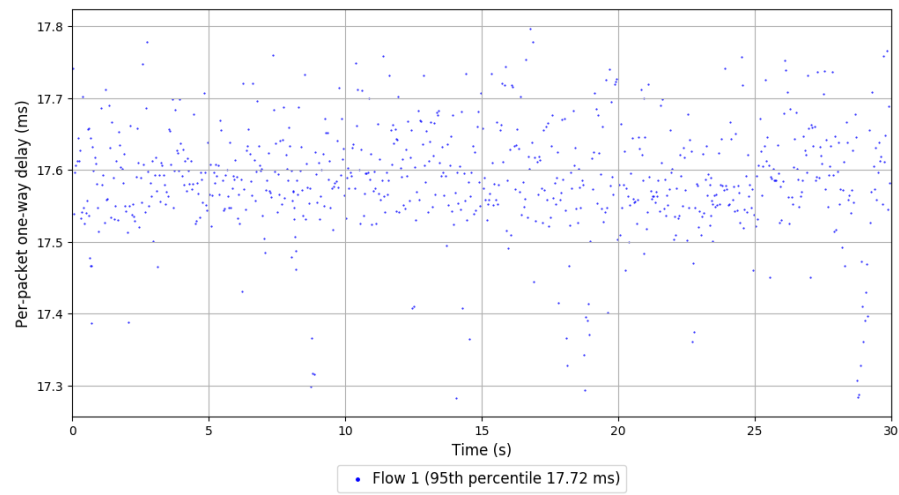
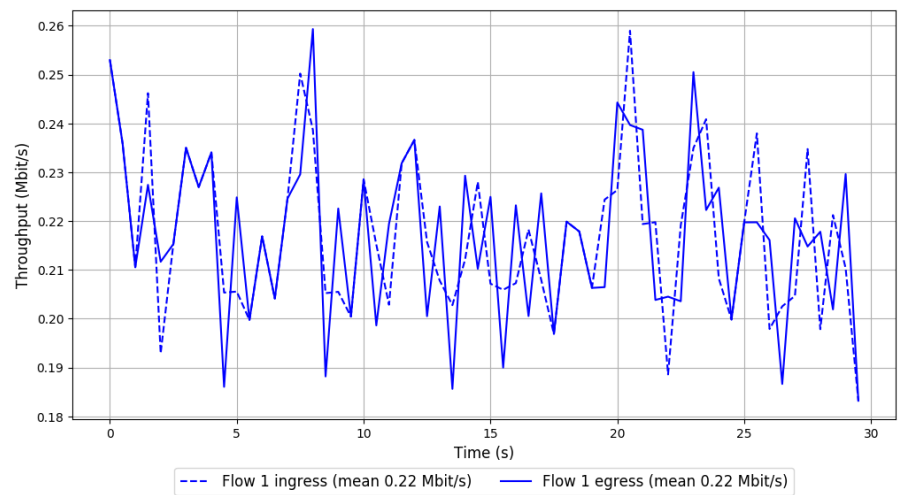


Run 6: Statistics of SCReAM

Start at: 2018-03-20 17:47:15
End at: 2018-03-20 17:47:45
Local clock offset: 1.177 ms
Remote clock offset: -4.322 ms

Below is generated by plot.py at 2018-03-20 22:45:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 17.716 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 17.716 ms
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

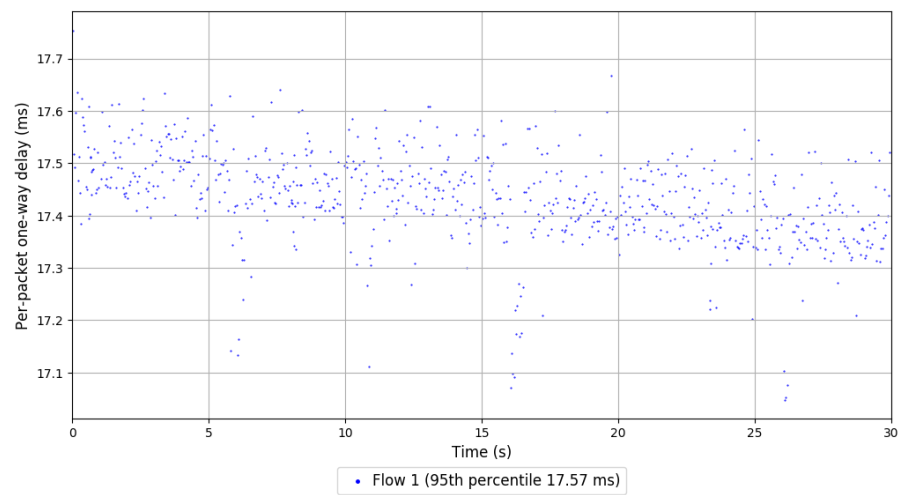
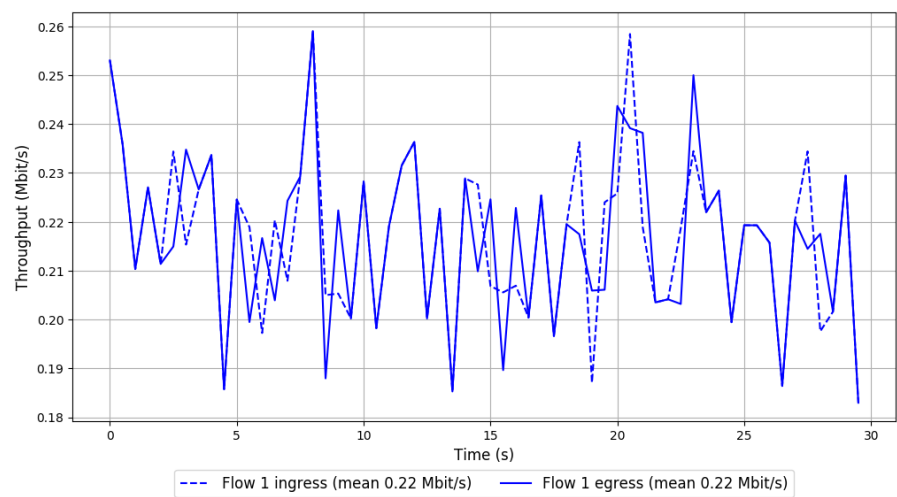


Run 7: Statistics of SCReAM

Start at: 2018-03-20 18:14:27
End at: 2018-03-20 18:14:57
Local clock offset: 2.913 ms
Remote clock offset: -3.191 ms

Below is generated by plot.py at 2018-03-20 22:45:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 17.567 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 17.567 ms
Loss rate: 0.00%

Run 7: Report of SReAM — Data Link



Run 8: Statistics of SCReAM

Start at: 2018-03-20 18:41:38

End at: 2018-03-20 18:42:08

Local clock offset: 0.593 ms

Remote clock offset: -2.72 ms

Below is generated by plot.py at 2018-03-20 22:45:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 19.119 ms

Loss rate: 0.00%

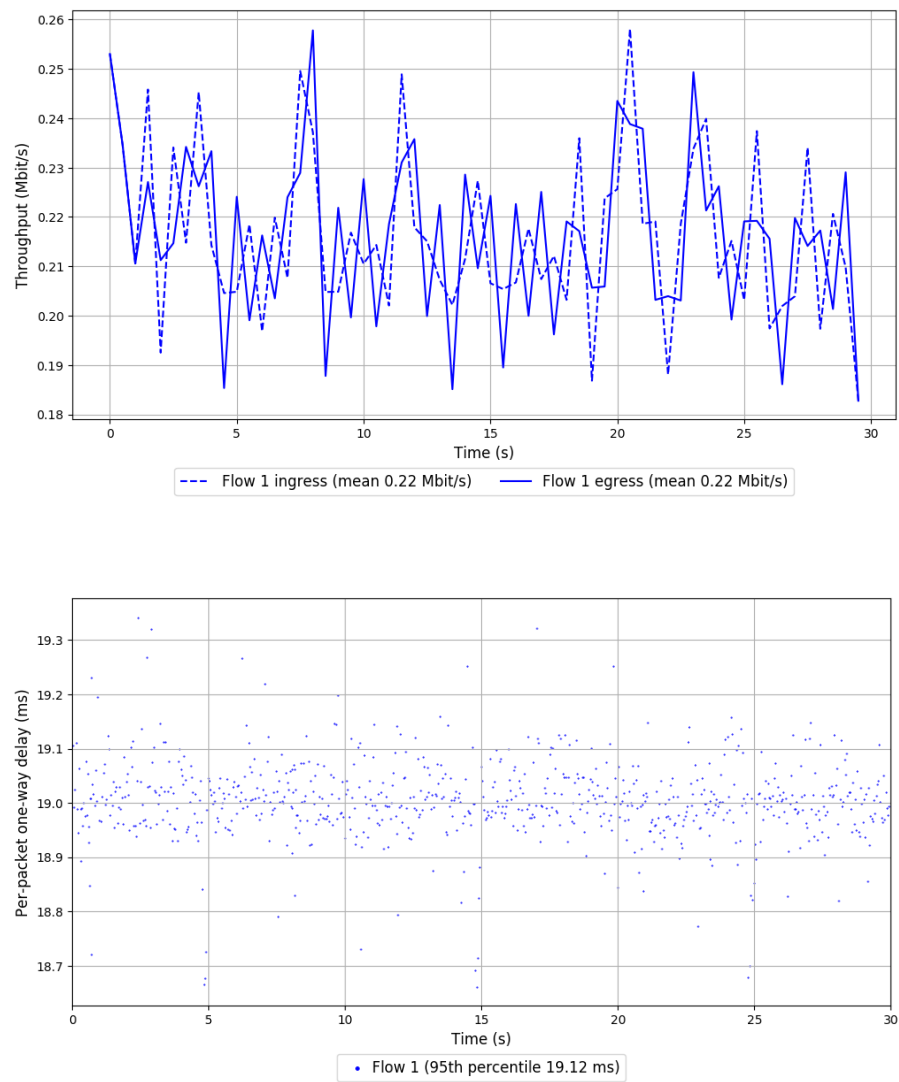
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 19.119 ms

Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

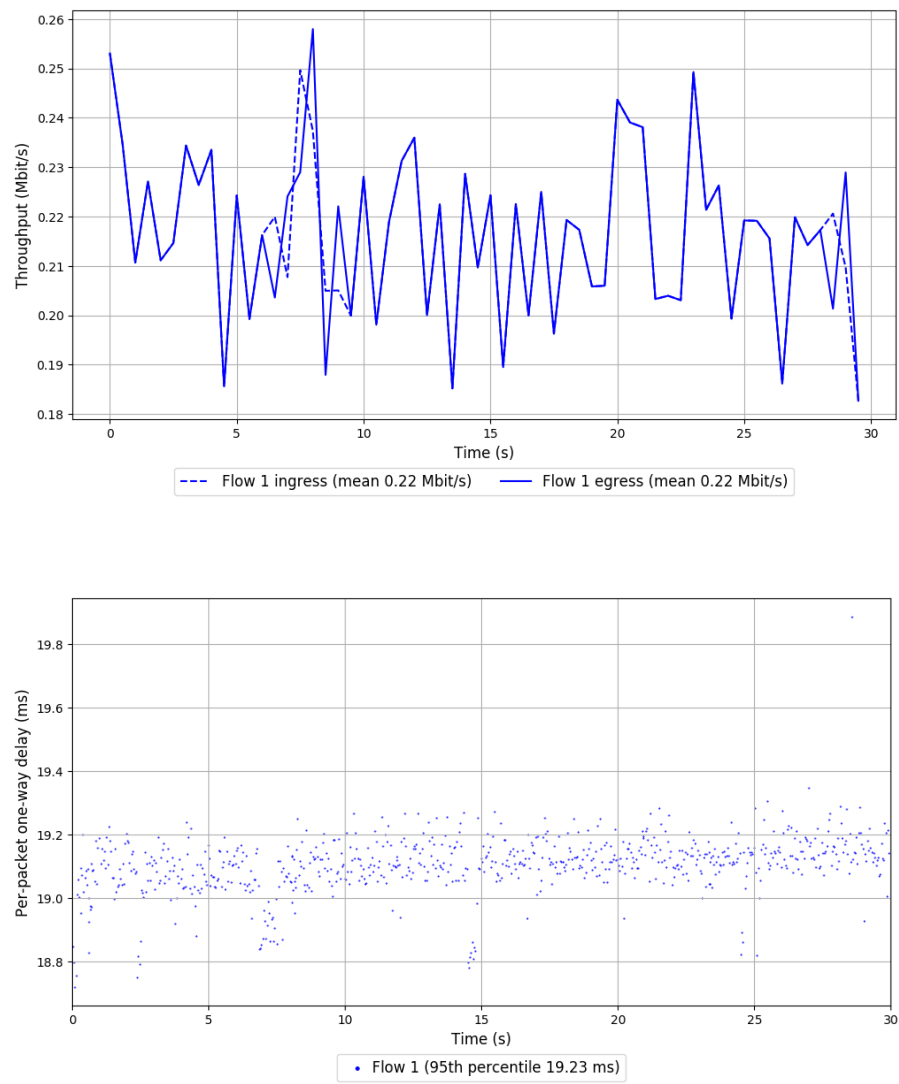


Run 9: Statistics of SCReAM

Start at: 2018-03-20 19:08:38
End at: 2018-03-20 19:09:08
Local clock offset: 3.796 ms
Remote clock offset: -6.469 ms

Below is generated by plot.py at 2018-03-20 22:45:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.226 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.226 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link

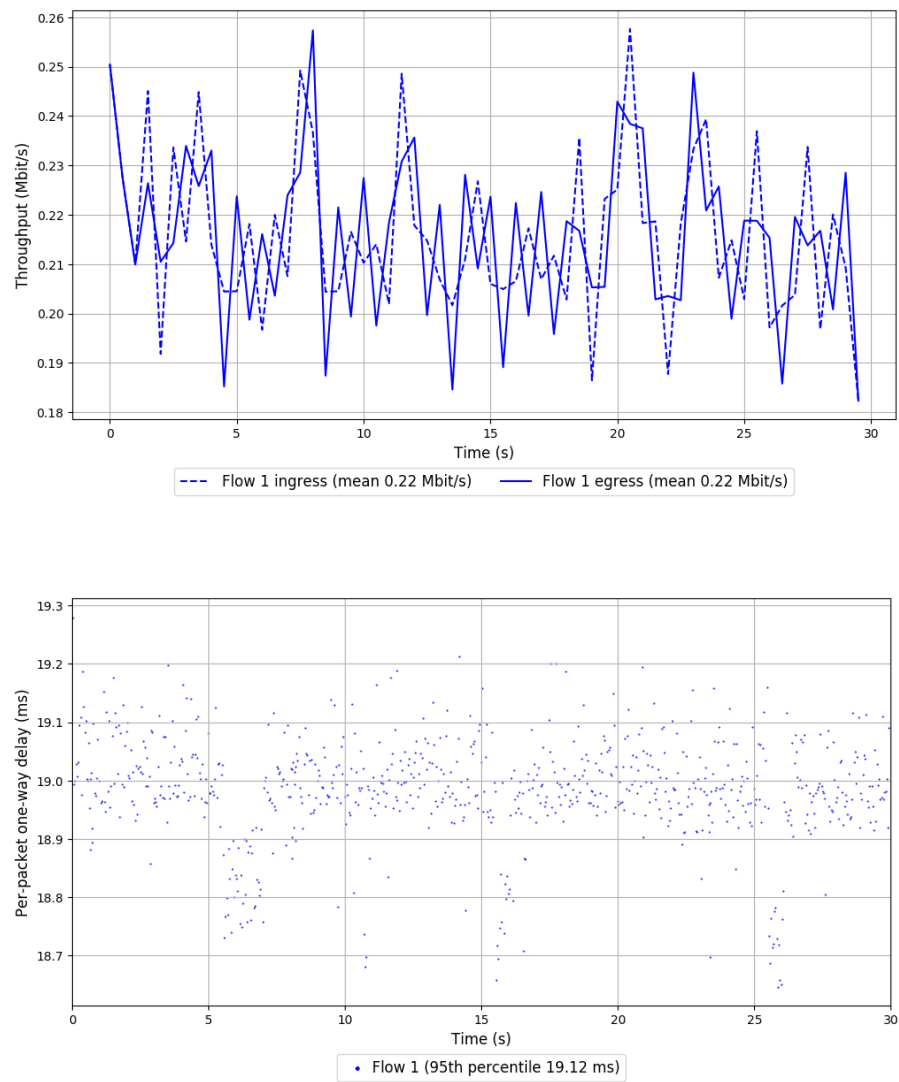


Run 10: Statistics of SCReAM

Start at: 2018-03-20 19:35:46
End at: 2018-03-20 19:36:16
Local clock offset: 0.804 ms
Remote clock offset: -6.602 ms

Below is generated by plot.py at 2018-03-20 22:45:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.116 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.116 ms
Loss rate: 0.00%

Run 10: Report of SReAM — Data Link

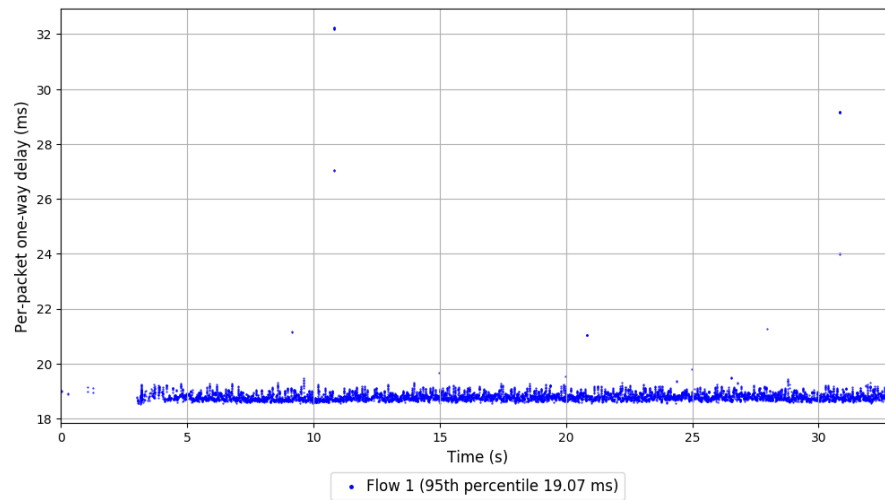
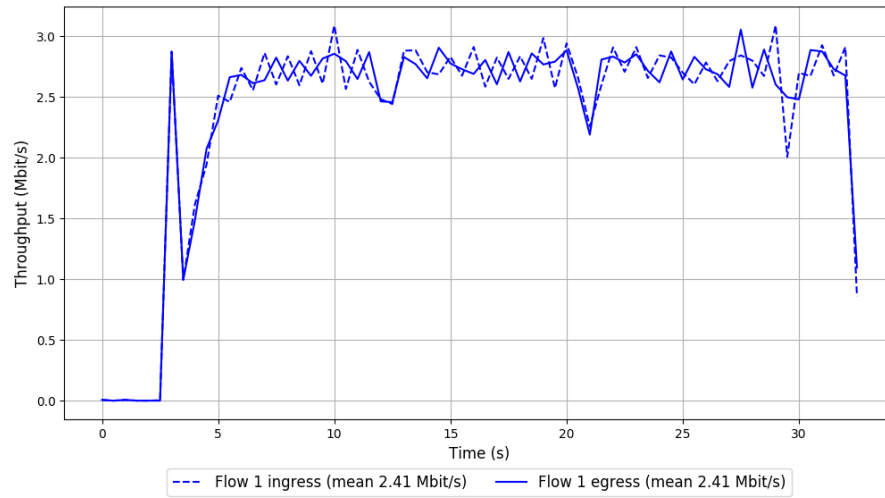


Run 1: Statistics of WebRTC media

Start at: 2018-03-20 15:33:47
End at: 2018-03-20 15:34:17
Local clock offset: -0.026 ms
Remote clock offset: -4.308 ms

Below is generated by plot.py at 2018-03-20 22:45:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.41 Mbit/s
95th percentile per-packet one-way delay: 19.075 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.41 Mbit/s
95th percentile per-packet one-way delay: 19.075 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: 2018-03-20 16:01:02

End at: 2018-03-20 16:01:32

Local clock offset: -0.26 ms

Remote clock offset: -4.51 ms

Below is generated by plot.py at 2018-03-20 22:45:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.41 Mbit/s

95th percentile per-packet one-way delay: 19.046 ms

Loss rate: 0.00%

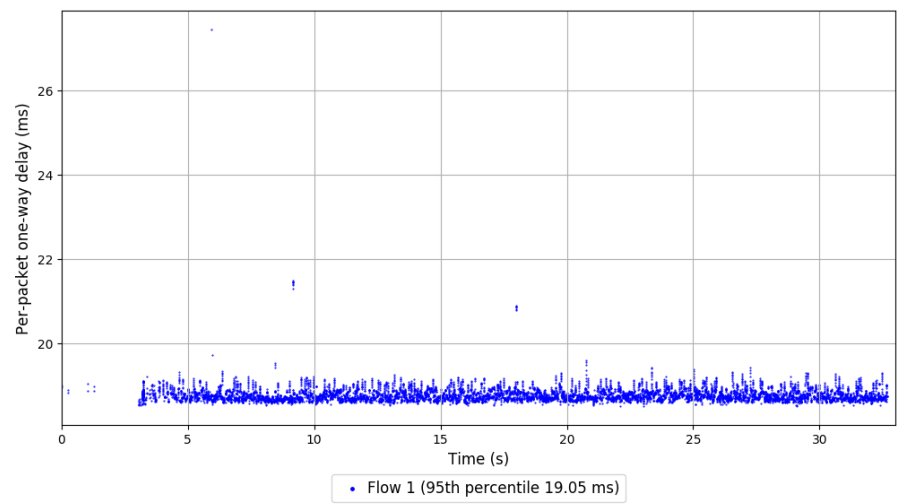
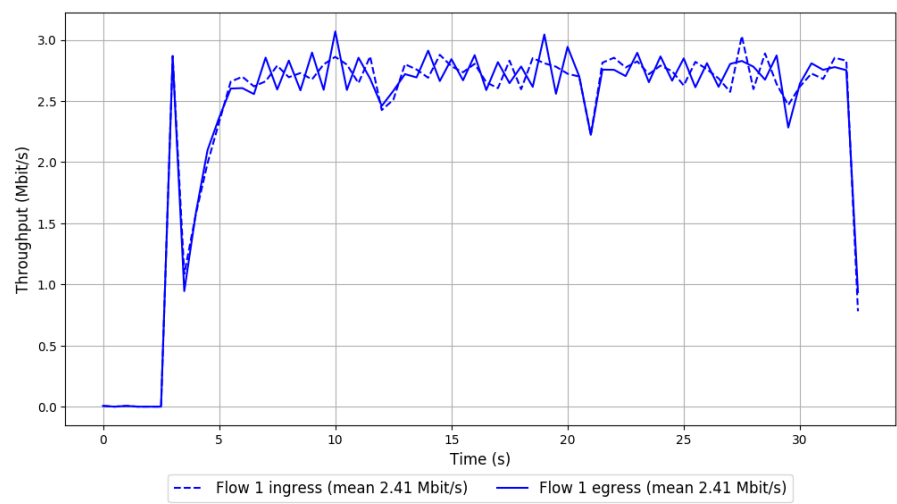
-- Flow 1:

Average throughput: 2.41 Mbit/s

95th percentile per-packet one-way delay: 19.046 ms

Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

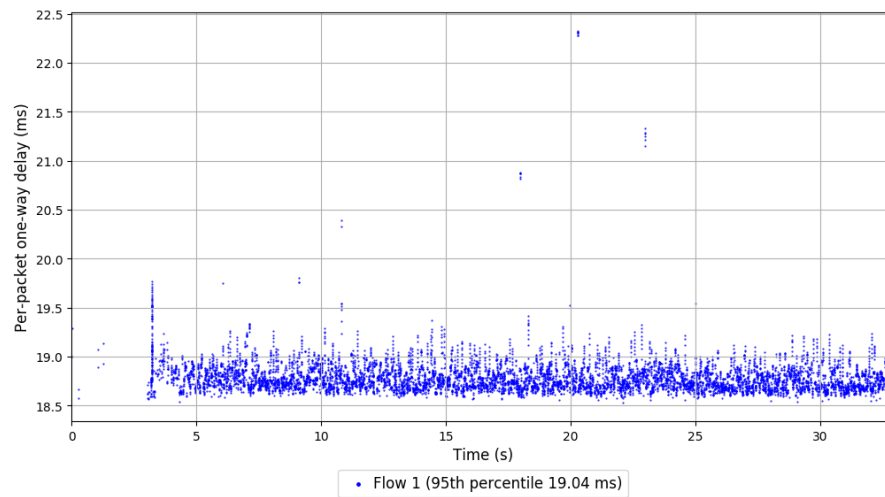
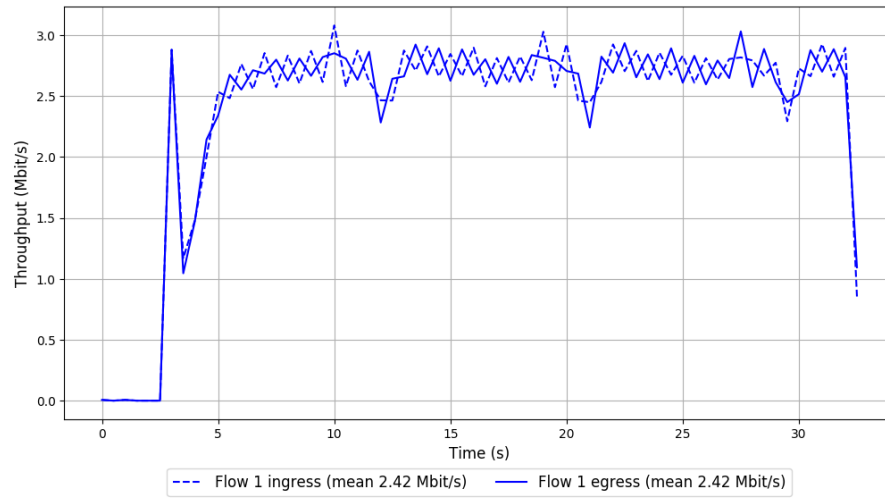


Run 3: Statistics of WebRTC media

Start at: 2018-03-20 16:28:27
End at: 2018-03-20 16:28:57
Local clock offset: -0.462 ms
Remote clock offset: -4.446 ms

Below is generated by plot.py at 2018-03-20 22:45:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.42 Mbit/s
95th percentile per-packet one-way delay: 19.039 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.42 Mbit/s
95th percentile per-packet one-way delay: 19.039 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

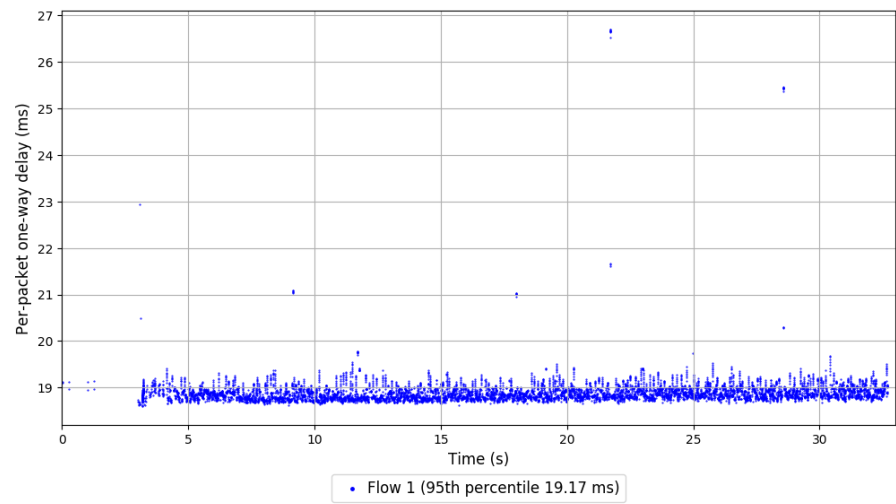
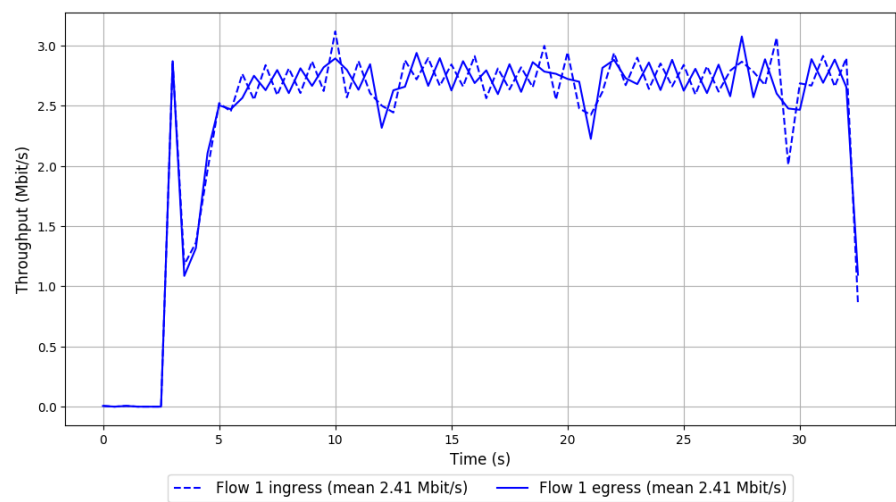


Run 4: Statistics of WebRTC media

Start at: 2018-03-20 16:55:55
End at: 2018-03-20 16:56:25
Local clock offset: 7.446 ms
Remote clock offset: -4.598 ms

Below is generated by plot.py at 2018-03-20 22:45:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.41 Mbit/s
95th percentile per-packet one-way delay: 19.167 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.41 Mbit/s
95th percentile per-packet one-way delay: 19.167 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link

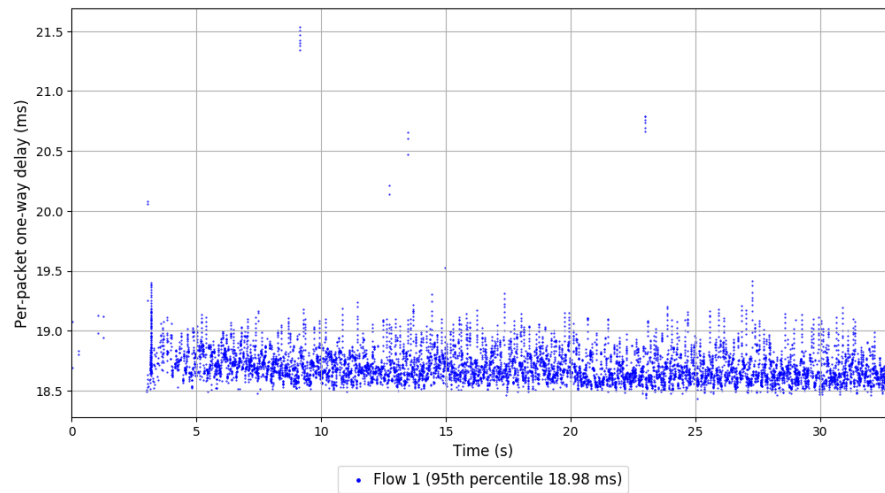
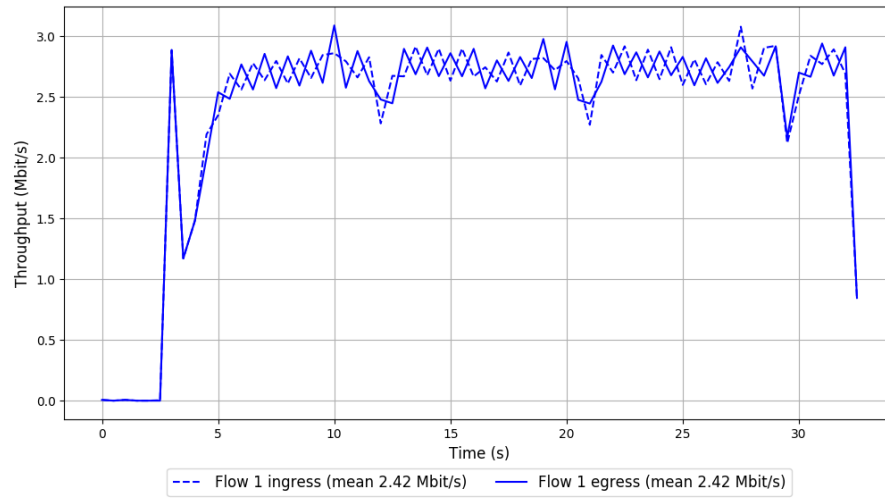


Run 5: Statistics of WebRTC media

Start at: 2018-03-20 17:23:09
End at: 2018-03-20 17:23:39
Local clock offset: 1.116 ms
Remote clock offset: -5.138 ms

Below is generated by plot.py at 2018-03-20 22:45:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.42 Mbit/s
95th percentile per-packet one-way delay: 18.981 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.42 Mbit/s
95th percentile per-packet one-way delay: 18.981 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

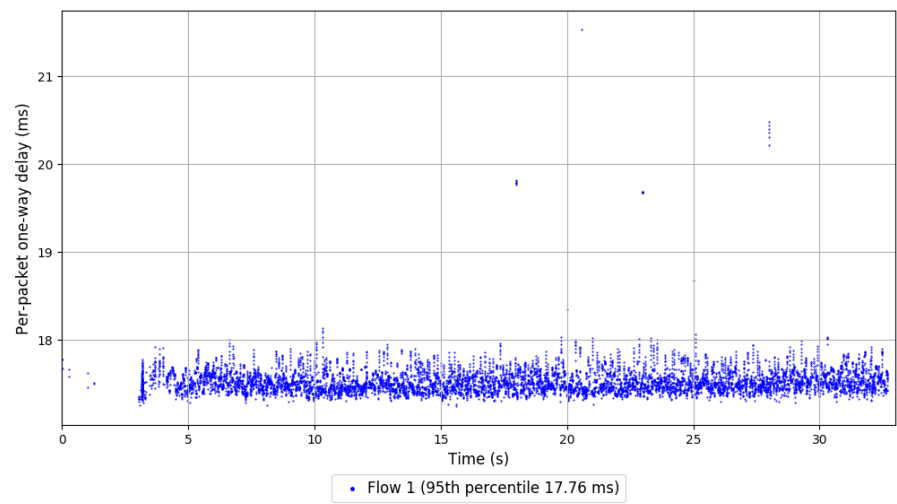
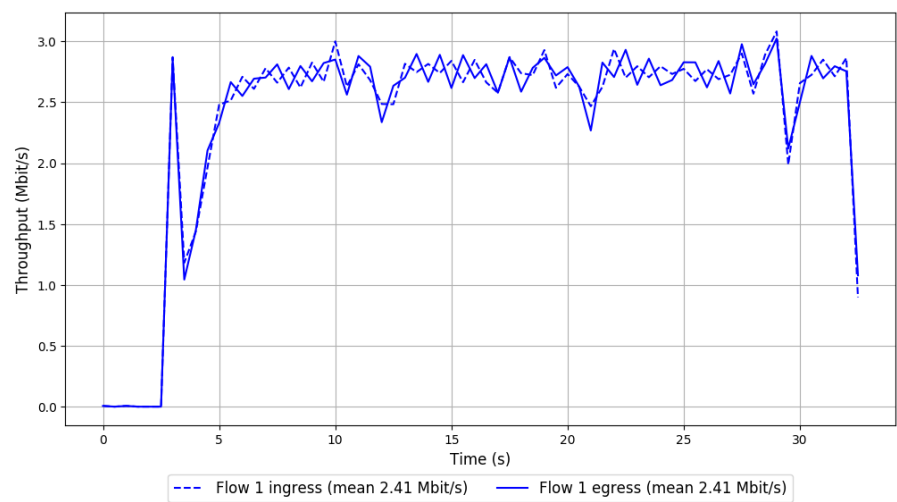


Run 6: Statistics of WebRTC media

Start at: 2018-03-20 17:50:16
End at: 2018-03-20 17:50:46
Local clock offset: 1.533 ms
Remote clock offset: -4.073 ms

Below is generated by plot.py at 2018-03-20 22:45:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.41 Mbit/s
95th percentile per-packet one-way delay: 17.763 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.41 Mbit/s
95th percentile per-packet one-way delay: 17.763 ms
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

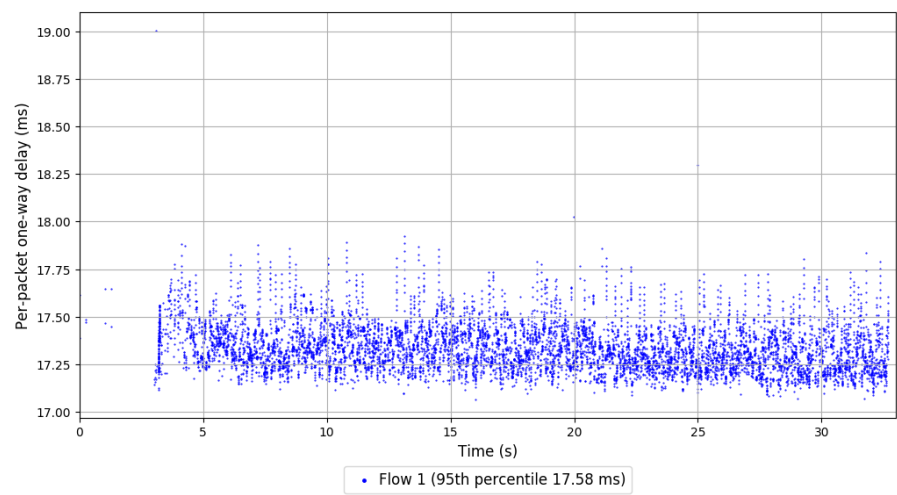
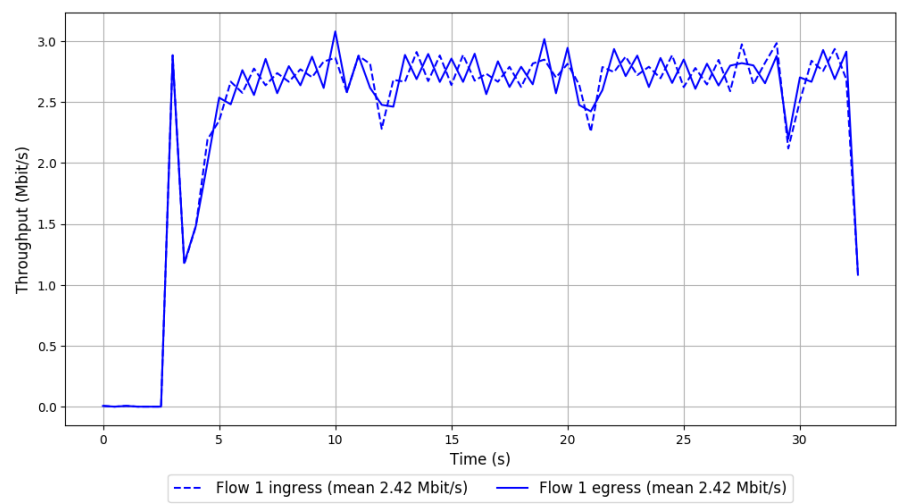


Run 7: Statistics of WebRTC media

Start at: 2018-03-20 18:17:28
End at: 2018-03-20 18:17:58
Local clock offset: 2.192 ms
Remote clock offset: -3.176 ms

Below is generated by plot.py at 2018-03-20 22:45:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.42 Mbit/s
95th percentile per-packet one-way delay: 17.580 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 2.42 Mbit/s
95th percentile per-packet one-way delay: 17.580 ms
Loss rate: 0.01%

Run 7: Report of WebRTC media — Data Link

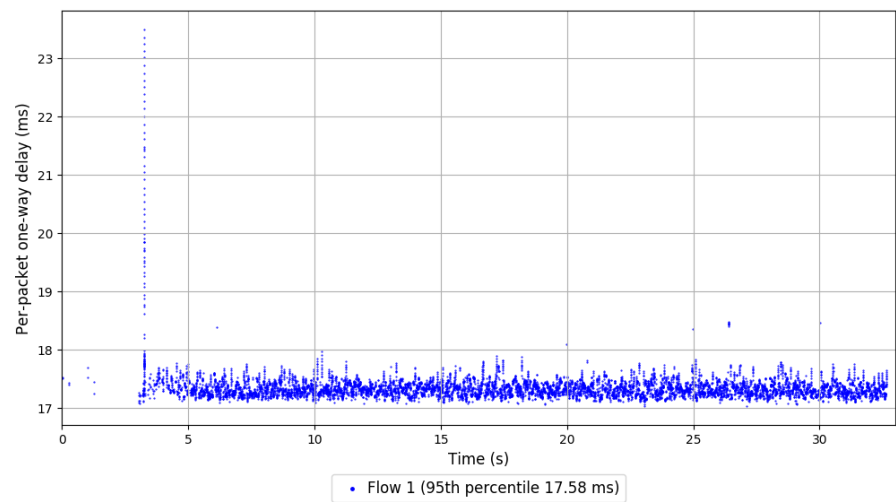
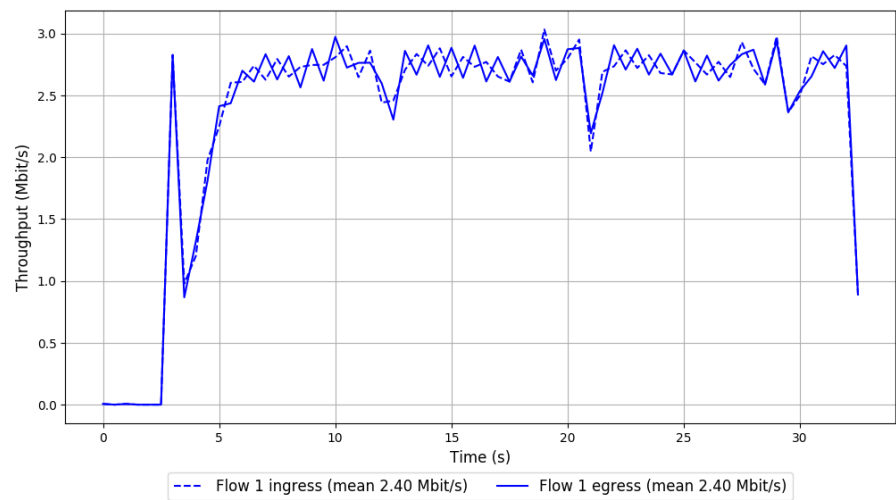


Run 8: Statistics of WebRTC media

Start at: 2018-03-20 18:44:39
End at: 2018-03-20 18:45:09
Local clock offset: 0.572 ms
Remote clock offset: -2.733 ms

Below is generated by plot.py at 2018-03-20 22:45:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.40 Mbit/s
95th percentile per-packet one-way delay: 17.581 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.40 Mbit/s
95th percentile per-packet one-way delay: 17.581 ms
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

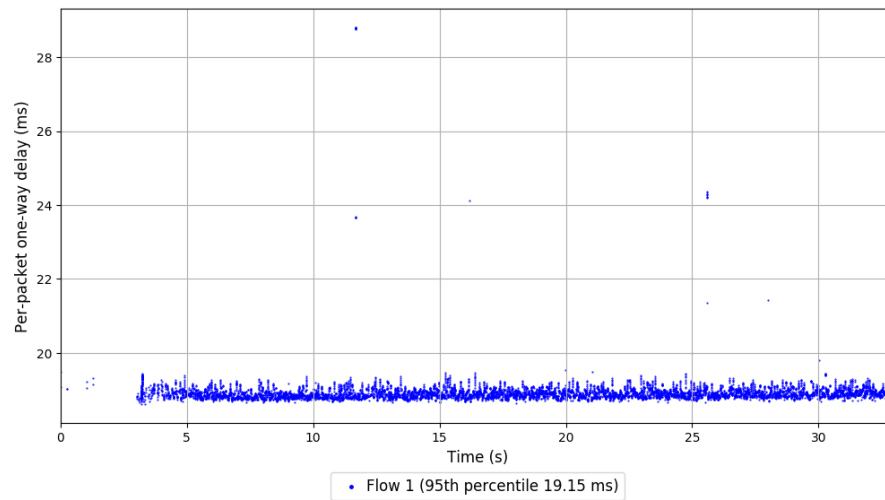
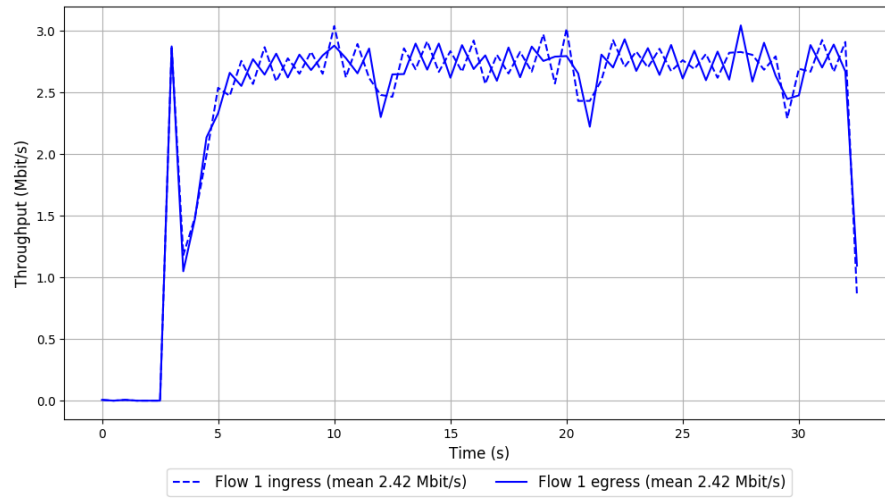


Run 9: Statistics of WebRTC media

Start at: 2018-03-20 19:11:39
End at: 2018-03-20 19:12:09
Local clock offset: 4.016 ms
Remote clock offset: -6.689 ms

Below is generated by plot.py at 2018-03-20 22:45:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.42 Mbit/s
95th percentile per-packet one-way delay: 19.153 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 2.42 Mbit/s
95th percentile per-packet one-way delay: 19.153 ms
Loss rate: 0.01%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-03-20 19:38:47

End at: 2018-03-20 19:39:17

Local clock offset: 0.438 ms

Remote clock offset: -6.693 ms

Below is generated by plot.py at 2018-03-20 22:45:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.42 Mbit/s

95th percentile per-packet one-way delay: 19.071 ms

Loss rate: 0.00%

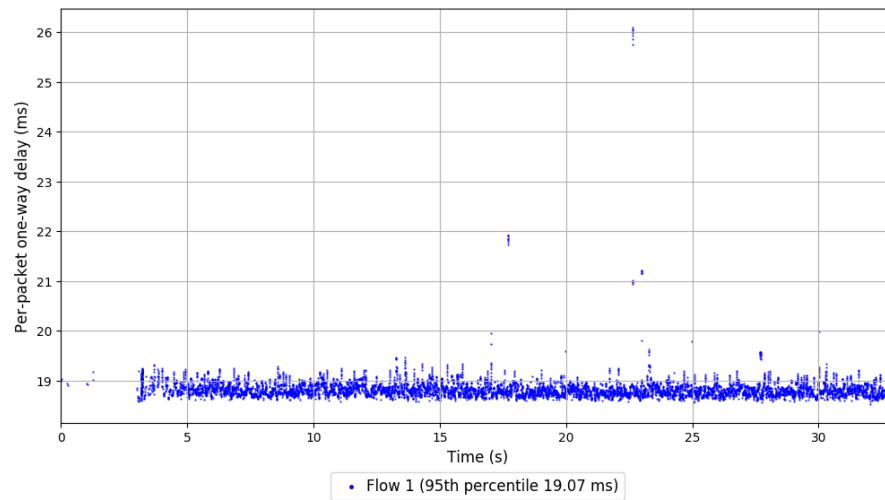
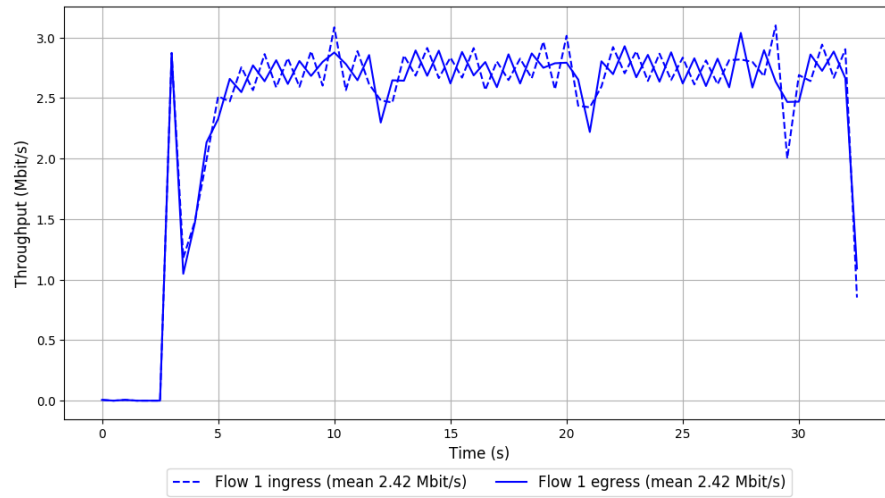
-- Flow 1:

Average throughput: 2.42 Mbit/s

95th percentile per-packet one-way delay: 19.071 ms

Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

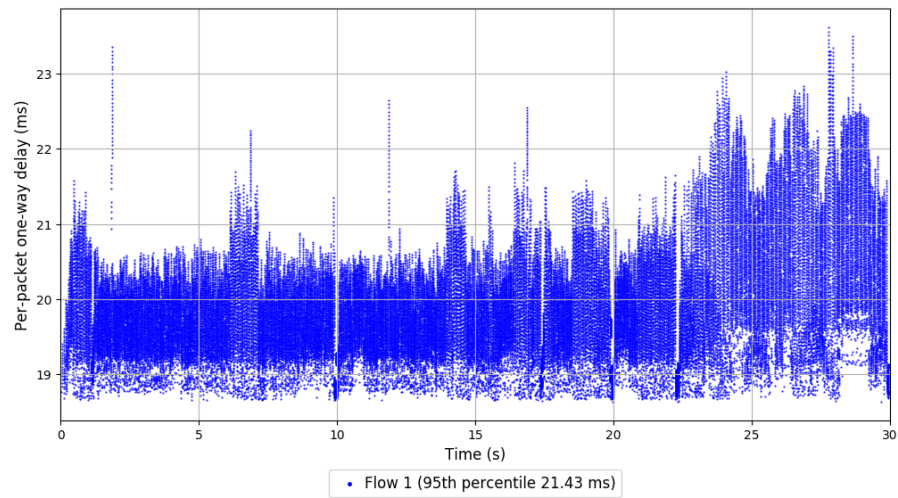
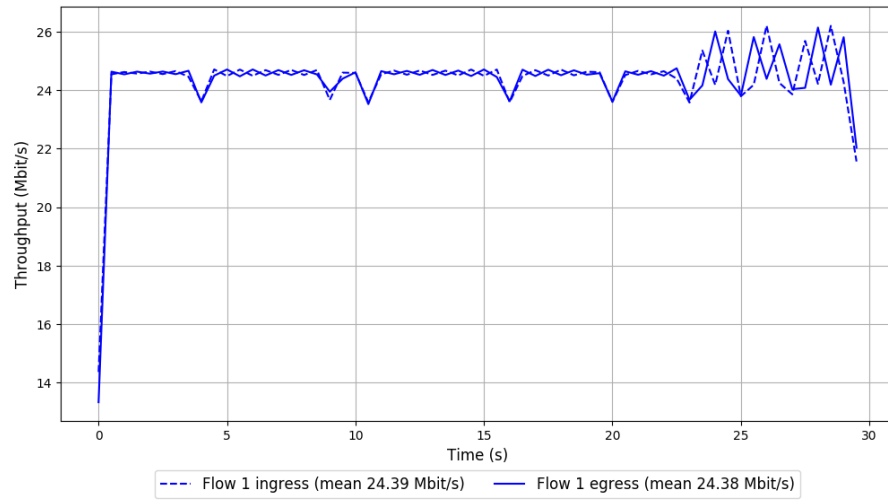


Run 1: Statistics of Sprout

Start at: 2018-03-20 15:44:16
End at: 2018-03-20 15:44:46
Local clock offset: -0.108 ms
Remote clock offset: -4.426 ms

Below is generated by plot.py at 2018-03-20 22:45:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.38 Mbit/s
95th percentile per-packet one-way delay: 21.425 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.38 Mbit/s
95th percentile per-packet one-way delay: 21.425 ms
Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

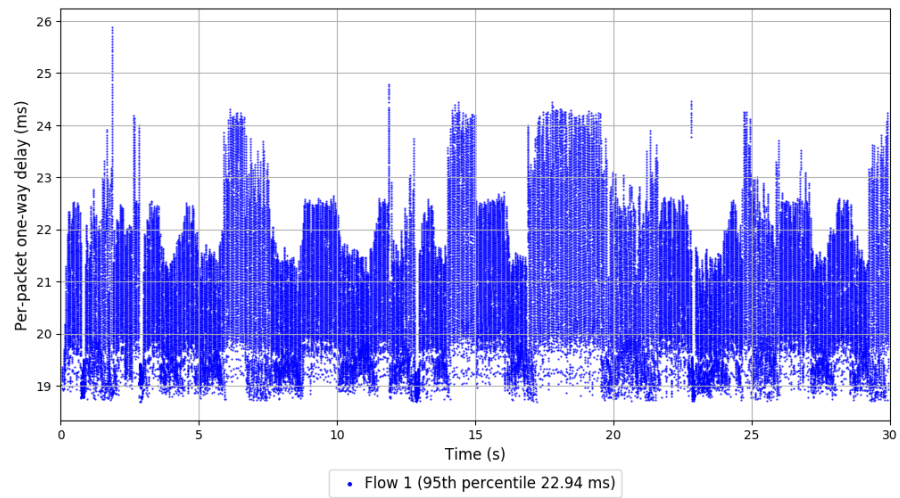
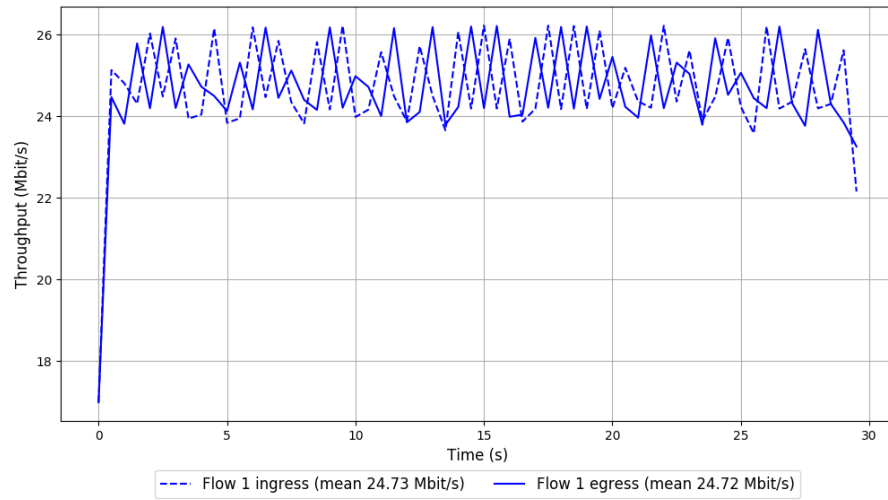


Run 2: Statistics of Sprout

Start at: 2018-03-20 16:11:32
End at: 2018-03-20 16:12:02
Local clock offset: -0.359 ms
Remote clock offset: -4.506 ms

Below is generated by plot.py at 2018-03-20 22:45:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.72 Mbit/s
95th percentile per-packet one-way delay: 22.937 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 24.72 Mbit/s
95th percentile per-packet one-way delay: 22.937 ms
Loss rate: 0.05%

Run 2: Report of Sprout — Data Link

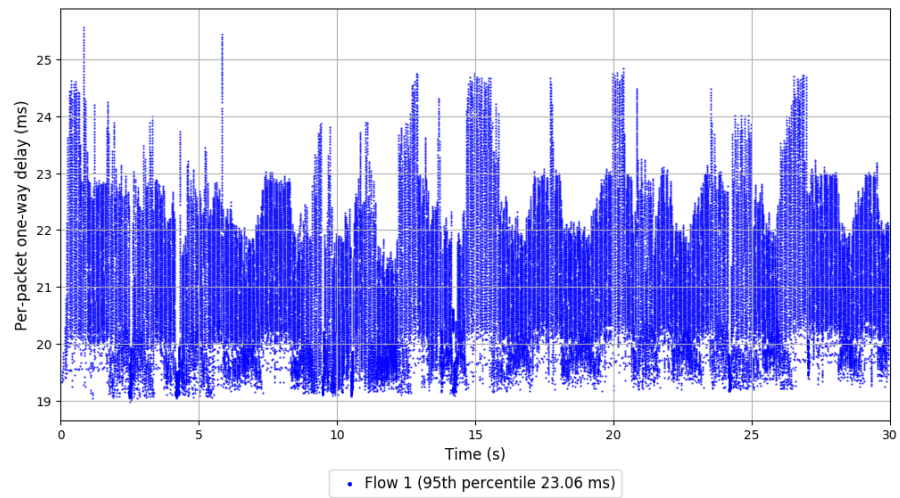
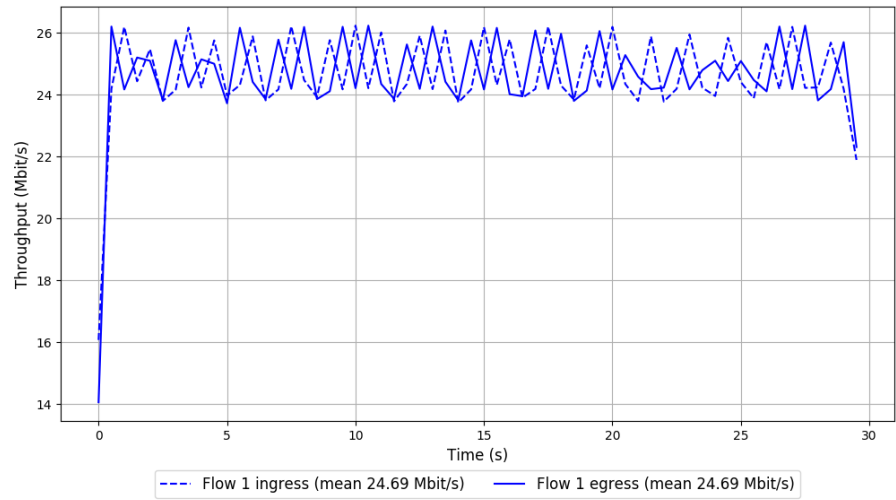


Run 3: Statistics of Sprout

Start at: 2018-03-20 16:39:00
End at: 2018-03-20 16:39:30
Local clock offset: 3.525 ms
Remote clock offset: -4.469 ms

Below is generated by plot.py at 2018-03-20 22:45:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.69 Mbit/s
95th percentile per-packet one-way delay: 23.057 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.69 Mbit/s
95th percentile per-packet one-way delay: 23.057 ms
Loss rate: 0.00%

Run 3: Report of Sprout — Data Link

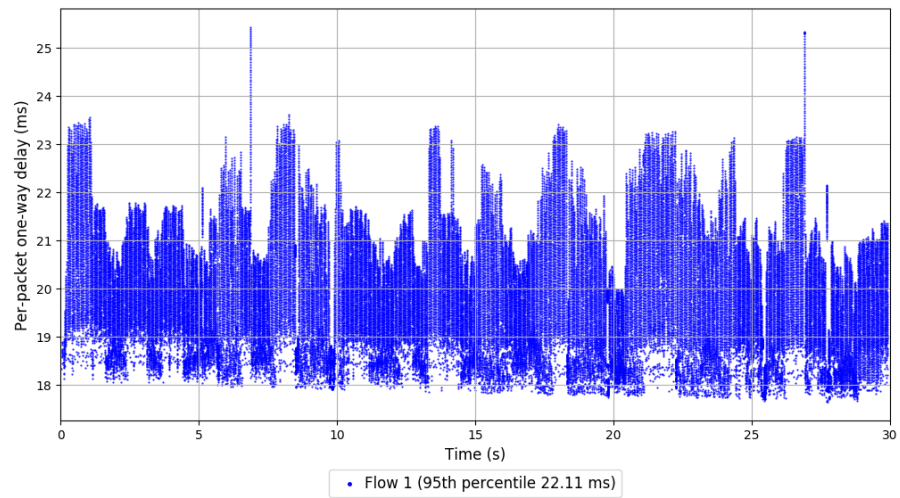
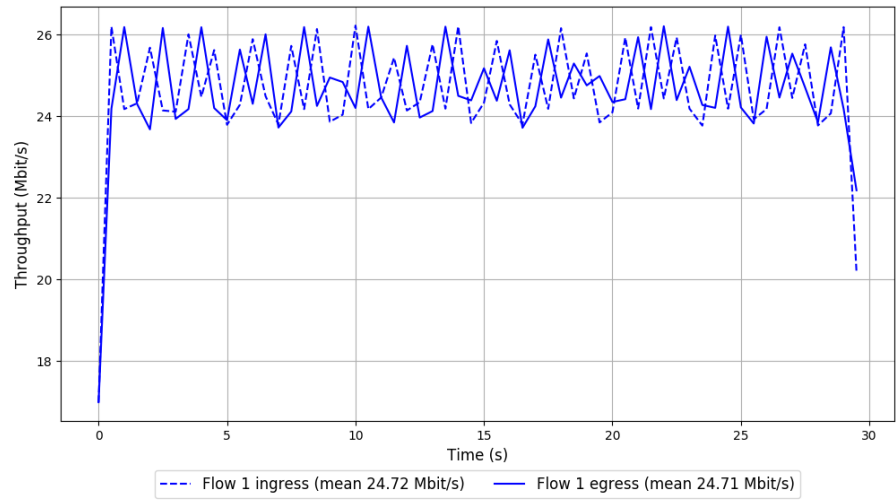


Run 4: Statistics of Sprout

Start at: 2018-03-20 17:06:24
End at: 2018-03-20 17:06:54
Local clock offset: 8.56 ms
Remote clock offset: -4.629 ms

Below is generated by plot.py at 2018-03-20 22:45:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.71 Mbit/s
95th percentile per-packet one-way delay: 22.112 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 24.71 Mbit/s
95th percentile per-packet one-way delay: 22.112 ms
Loss rate: 0.01%

Run 4: Report of Sprout — Data Link

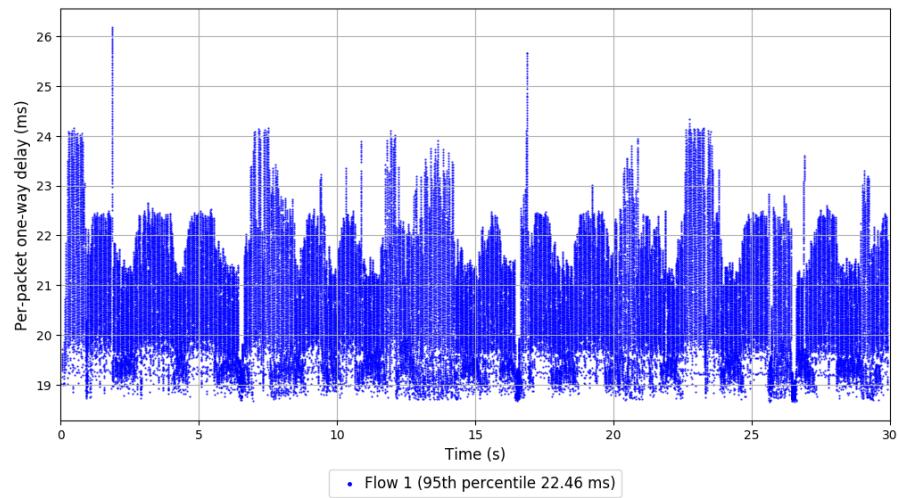
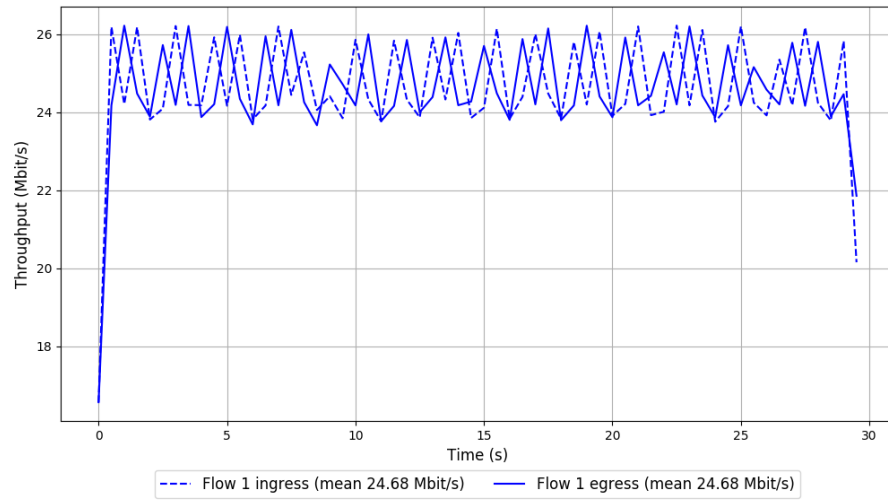


Run 5: Statistics of Sprout

Start at: 2018-03-20 17:33:37
End at: 2018-03-20 17:34:07
Local clock offset: -0.014 ms
Remote clock offset: -5.148 ms

Below is generated by plot.py at 2018-03-20 22:45:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.68 Mbit/s
95th percentile per-packet one-way delay: 22.458 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 24.68 Mbit/s
95th percentile per-packet one-way delay: 22.458 ms
Loss rate: 0.01%

Run 5: Report of Sprout — Data Link

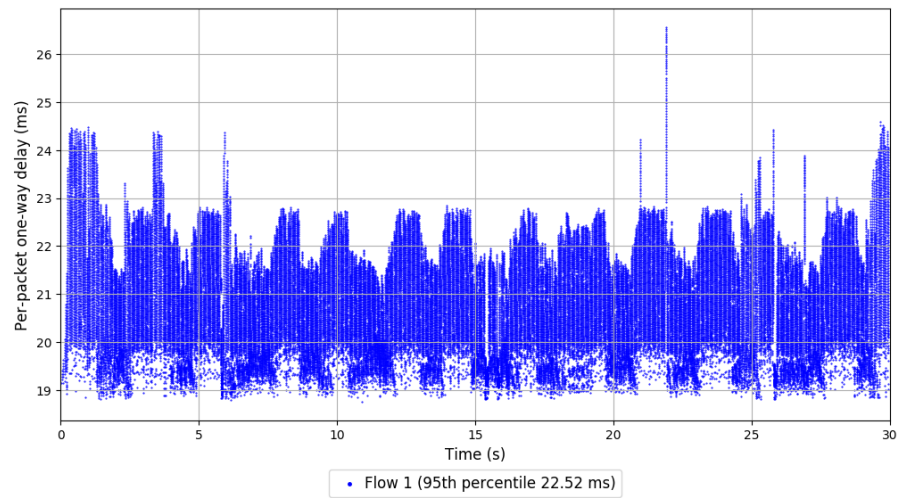
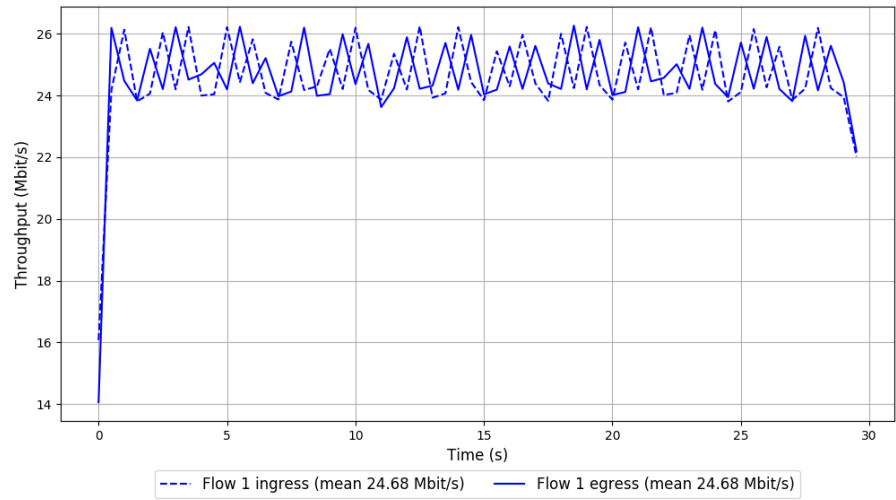


Run 6: Statistics of Sprout

Start at: 2018-03-20 18:00:47
End at: 2018-03-20 18:01:17
Local clock offset: 2.43 ms
Remote clock offset: -3.503 ms

Below is generated by plot.py at 2018-03-20 22:45:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.68 Mbit/s
95th percentile per-packet one-way delay: 22.519 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.68 Mbit/s
95th percentile per-packet one-way delay: 22.519 ms
Loss rate: 0.00%

Run 6: Report of Sprout — Data Link

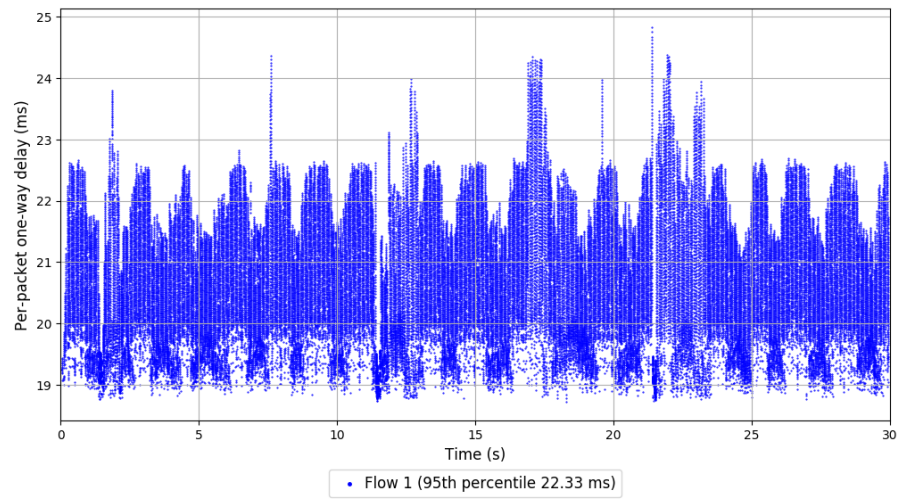
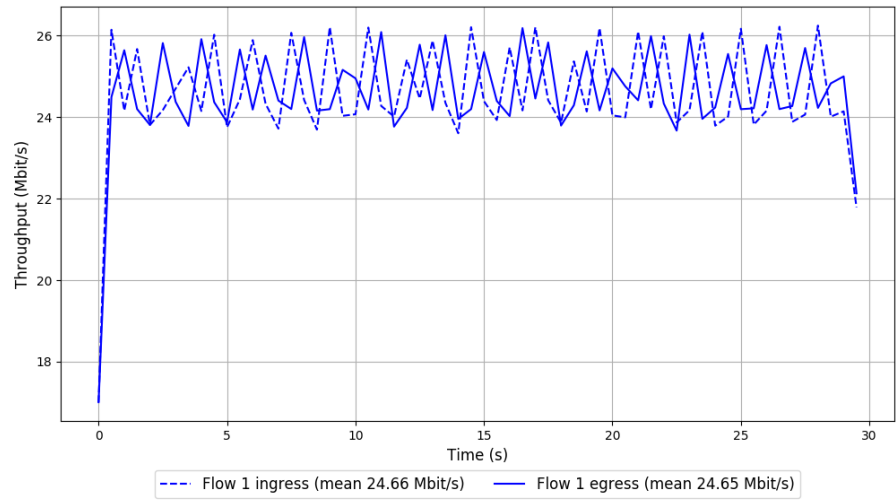


Run 7: Statistics of Sprout

Start at: 2018-03-20 18:28:01
End at: 2018-03-20 18:28:31
Local clock offset: 1.005 ms
Remote clock offset: -2.931 ms

Below is generated by plot.py at 2018-03-20 22:45:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.65 Mbit/s
95th percentile per-packet one-way delay: 22.334 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 24.65 Mbit/s
95th percentile per-packet one-way delay: 22.334 ms
Loss rate: 0.01%

Run 7: Report of Sprout — Data Link

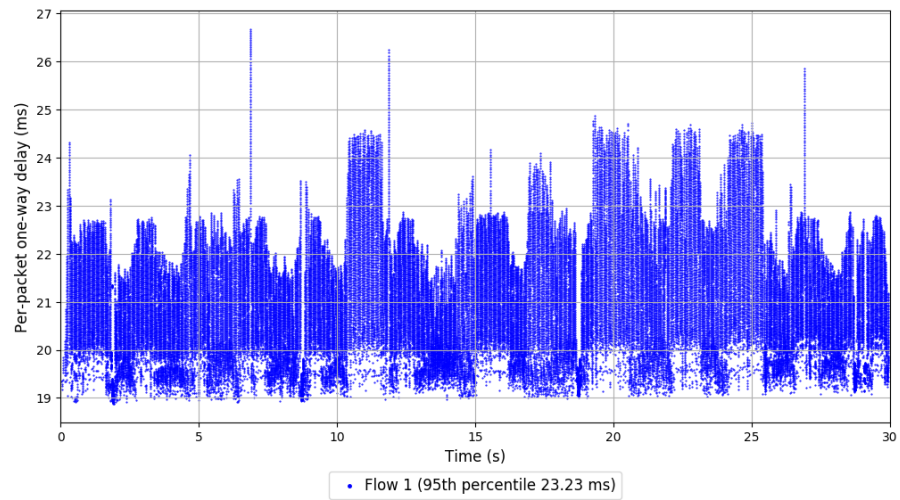
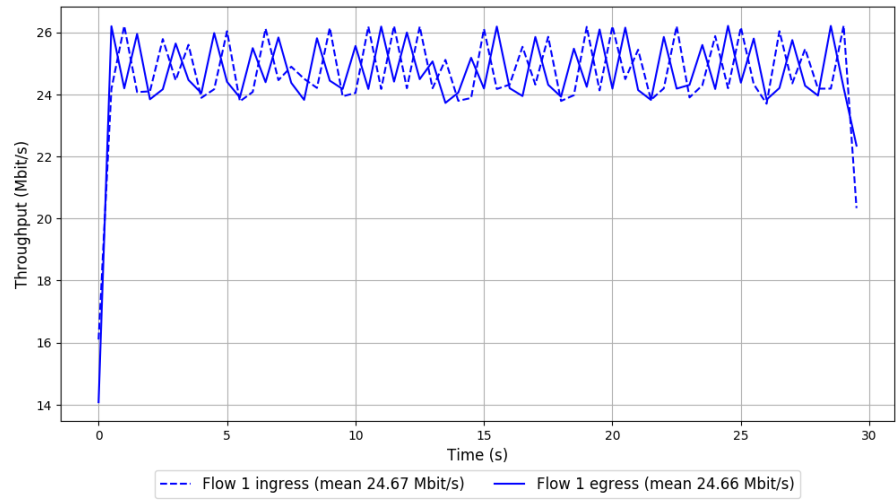


Run 8: Statistics of Sprout

Start at: 2018-03-20 18:55:04
End at: 2018-03-20 18:55:34
Local clock offset: 2.157 ms
Remote clock offset: -4.796 ms

Below is generated by plot.py at 2018-03-20 22:45:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.66 Mbit/s
95th percentile per-packet one-way delay: 23.228 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 24.66 Mbit/s
95th percentile per-packet one-way delay: 23.228 ms
Loss rate: 0.04%

Run 8: Report of Sprout — Data Link

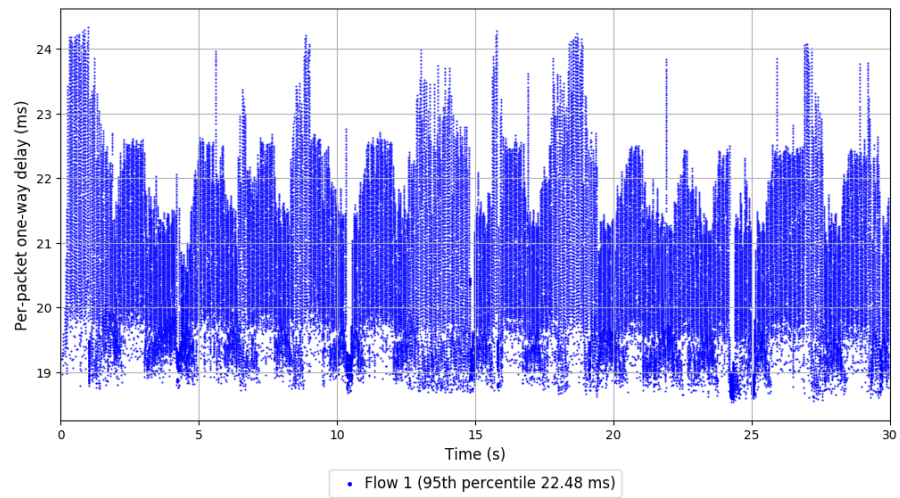
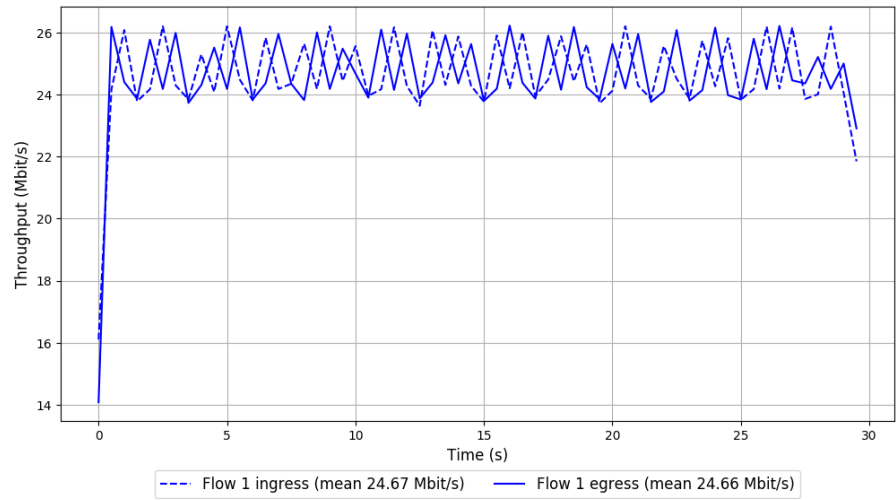


Run 9: Statistics of Sprout

Start at: 2018-03-20 19:22:08
End at: 2018-03-20 19:22:38
Local clock offset: 4.445 ms
Remote clock offset: -7.263 ms

Below is generated by plot.py at 2018-03-20 22:45:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.66 Mbit/s
95th percentile per-packet one-way delay: 22.479 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 24.66 Mbit/s
95th percentile per-packet one-way delay: 22.479 ms
Loss rate: 0.02%

Run 9: Report of Sprout — Data Link

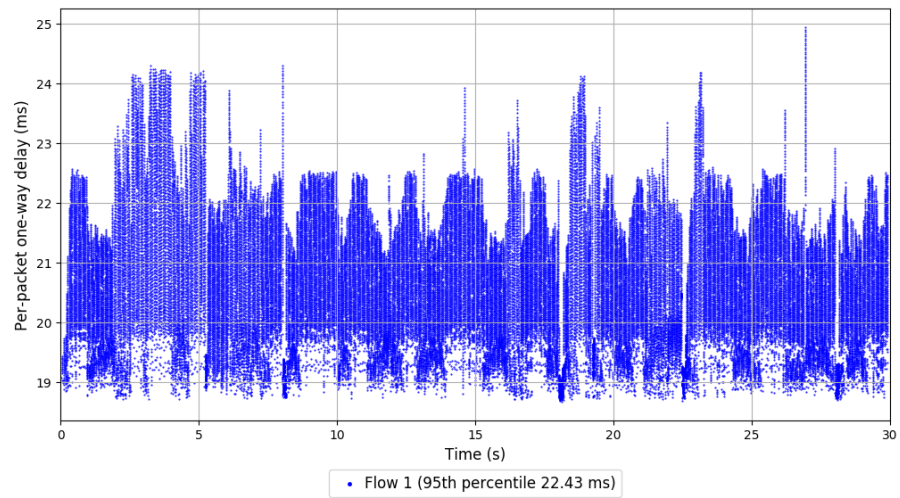
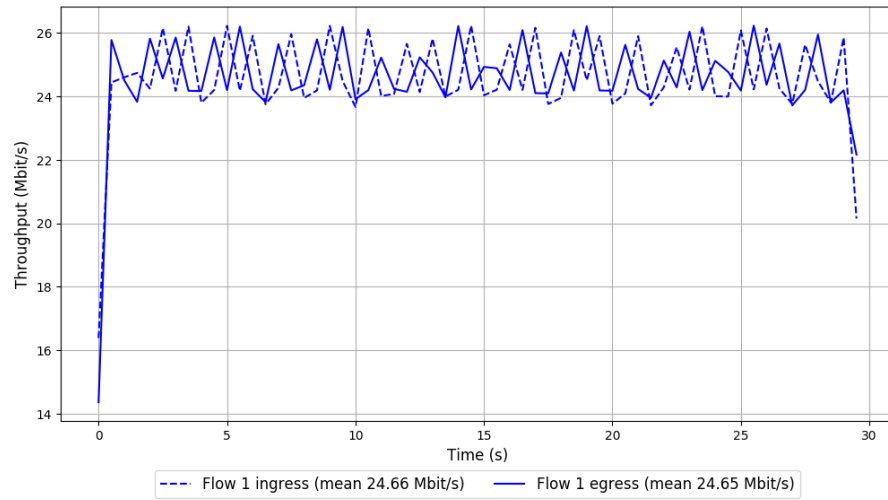


Run 10: Statistics of Sprout

Start at: 2018-03-20 19:49:13
End at: 2018-03-20 19:49:44
Local clock offset: -0.275 ms
Remote clock offset: -6.798 ms

Below is generated by plot.py at 2018-03-20 22:45:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.65 Mbit/s
95th percentile per-packet one-way delay: 22.425 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 24.65 Mbit/s
95th percentile per-packet one-way delay: 22.425 ms
Loss rate: 0.03%

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: 2018-03-20 15:25:54

End at: 2018-03-20 15:26:24

Local clock offset: -0.205 ms

Remote clock offset: -3.799 ms

Below is generated by plot.py at 2018-03-20 22:45:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 267.73 Mbit/s

95th percentile per-packet one-way delay: 18.968 ms

Loss rate: 0.00%

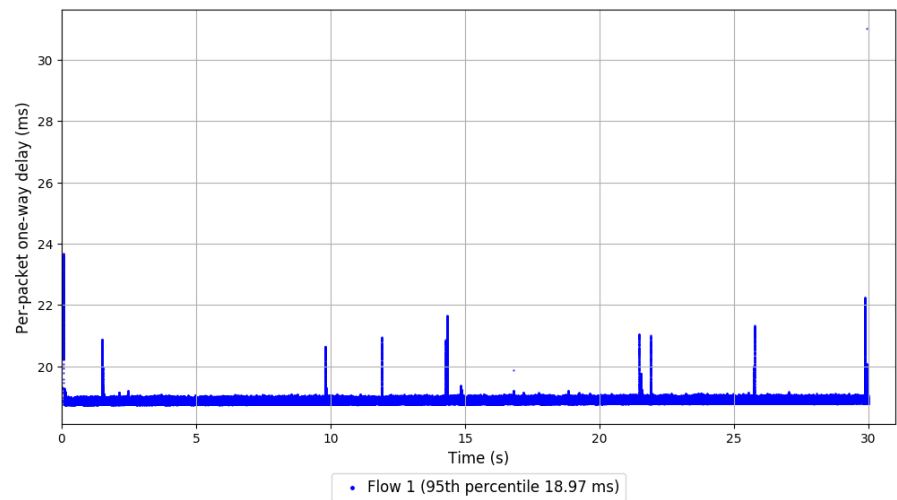
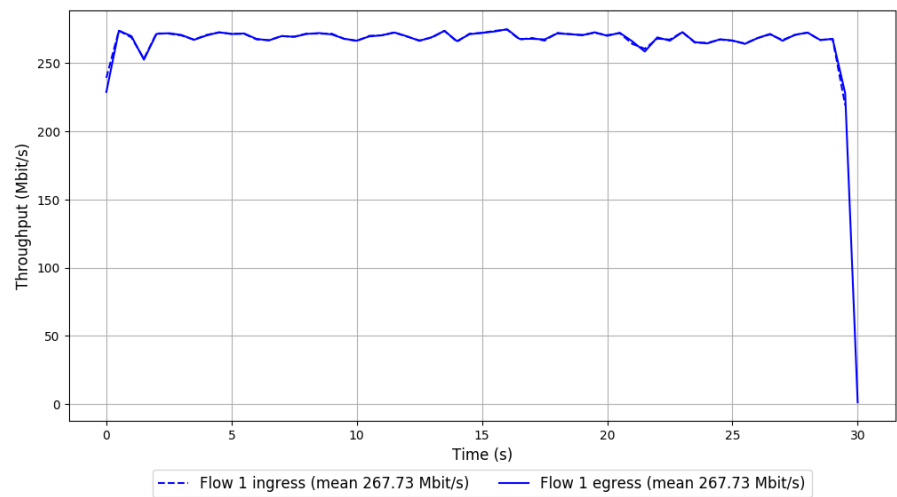
-- Flow 1:

Average throughput: 267.73 Mbit/s

95th percentile per-packet one-way delay: 18.968 ms

Loss rate: 0.00%

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

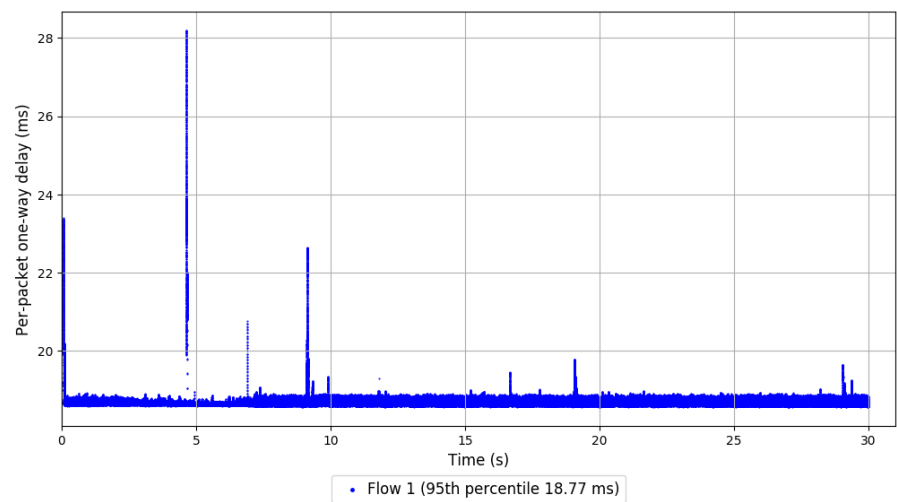
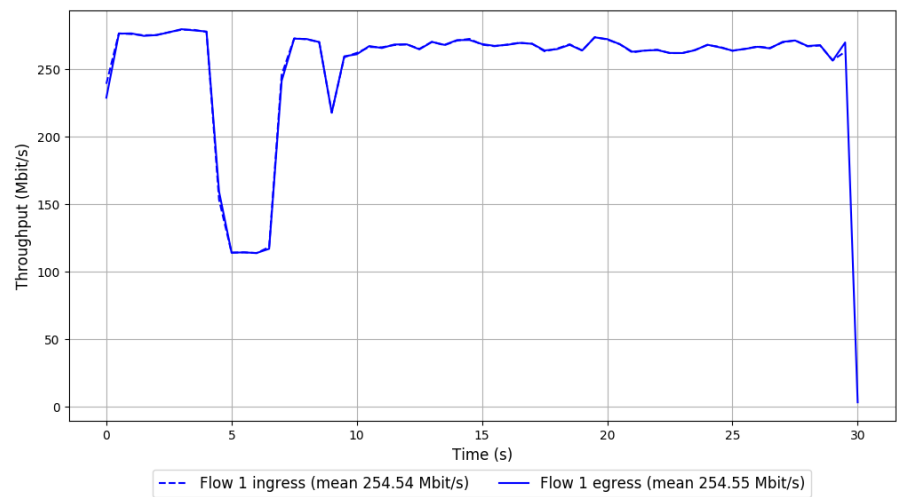


Run 2: Statistics of TaoVA-100x

Start at: 2018-03-20 15:53:16
End at: 2018-03-20 15:53:46
Local clock offset: -0.227 ms
Remote clock offset: -4.497 ms

Below is generated by plot.py at 2018-03-20 22:45:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 254.55 Mbit/s
95th percentile per-packet one-way delay: 18.773 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 254.55 Mbit/s
95th percentile per-packet one-way delay: 18.773 ms
Loss rate: 0.00%

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

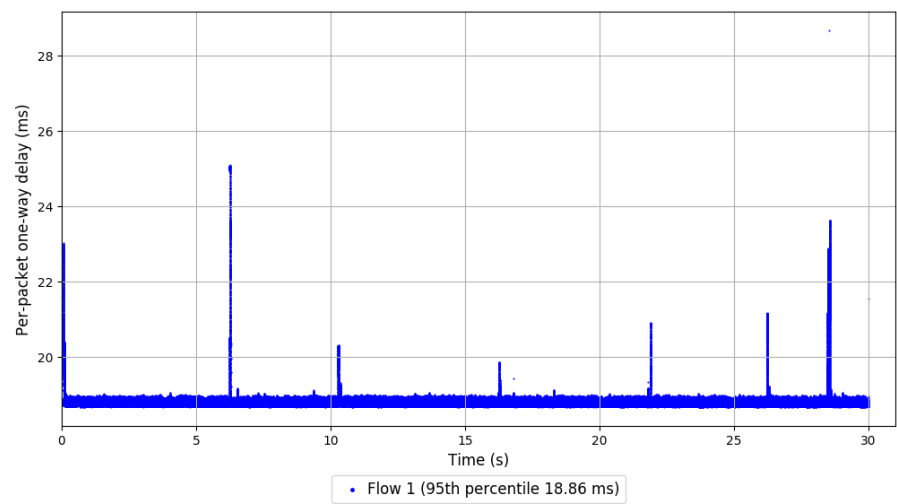
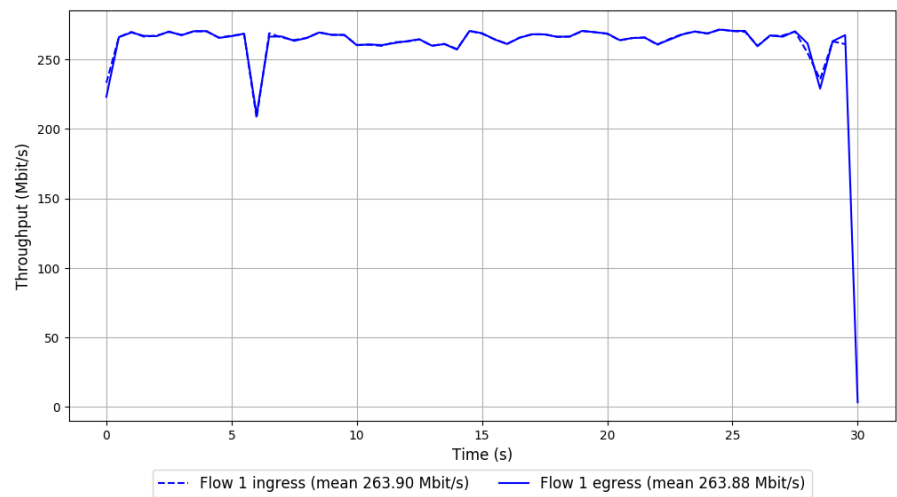


Run 3: Statistics of TaoVA-100x

Start at: 2018-03-20 16:20:29
End at: 2018-03-20 16:20:59
Local clock offset: -0.369 ms
Remote clock offset: -4.399 ms

Below is generated by plot.py at 2018-03-20 22:45:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 263.88 Mbit/s
95th percentile per-packet one-way delay: 18.865 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 263.88 Mbit/s
95th percentile per-packet one-way delay: 18.865 ms
Loss rate: 0.00%

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



Run 4: Statistics of TaoVA-100x

Start at: 2018-03-20 16:48:07

End at: 2018-03-20 16:48:37

Local clock offset: 6.177 ms

Remote clock offset: -4.599 ms

Below is generated by plot.py at 2018-03-20 22:45:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 257.80 Mbit/s

95th percentile per-packet one-way delay: 18.984 ms

Loss rate: 0.00%

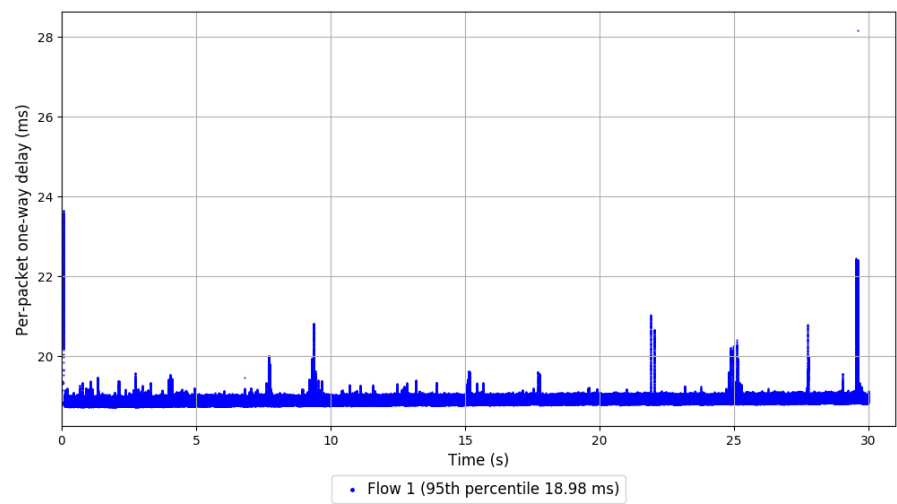
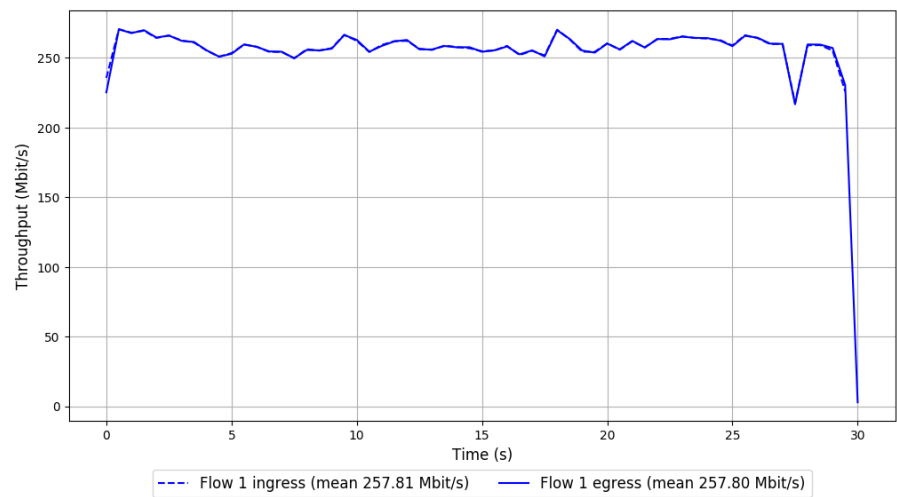
-- Flow 1:

Average throughput: 257.80 Mbit/s

95th percentile per-packet one-way delay: 18.984 ms

Loss rate: 0.00%

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



Run 5: Statistics of TaoVA-100x

Start at: 2018-03-20 17:15:24

End at: 2018-03-20 17:15:54

Local clock offset: 3.032 ms

Remote clock offset: -4.964 ms

Below is generated by plot.py at 2018-03-20 22:45:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 269.24 Mbit/s

95th percentile per-packet one-way delay: 18.613 ms

Loss rate: 0.00%

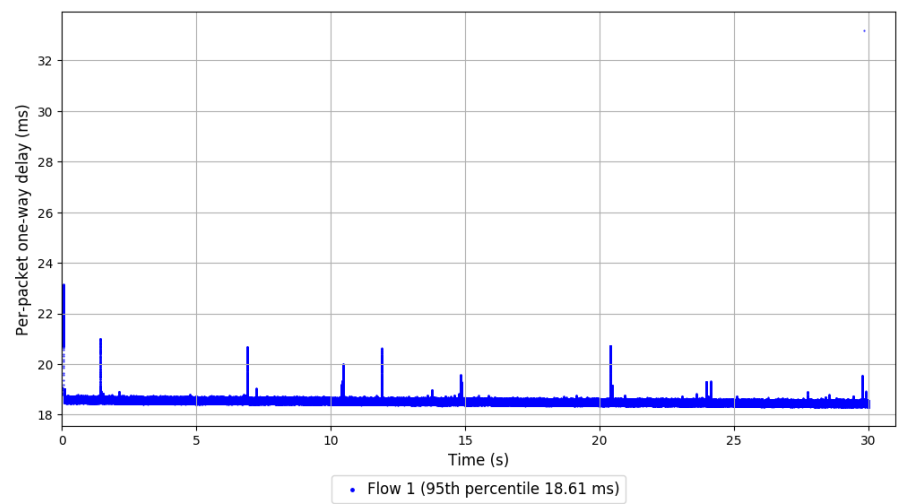
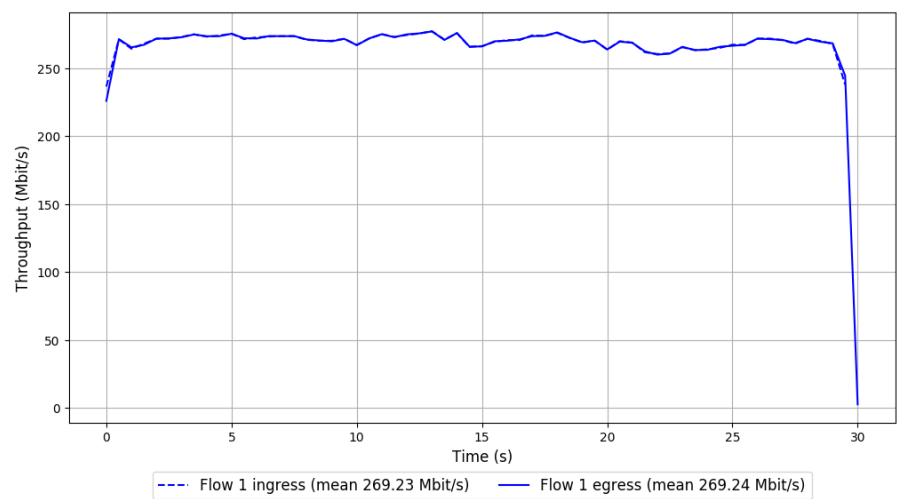
-- Flow 1:

Average throughput: 269.24 Mbit/s

95th percentile per-packet one-way delay: 18.613 ms

Loss rate: 0.00%

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



Run 6: Statistics of TaoVA-100x

Start at: 2018-03-20 17:42:27

End at: 2018-03-20 17:42:57

Local clock offset: 0.127 ms

Remote clock offset: -4.792 ms

Below is generated by plot.py at 2018-03-20 22:45:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 263.32 Mbit/s

95th percentile per-packet one-way delay: 17.628 ms

Loss rate: 0.00%

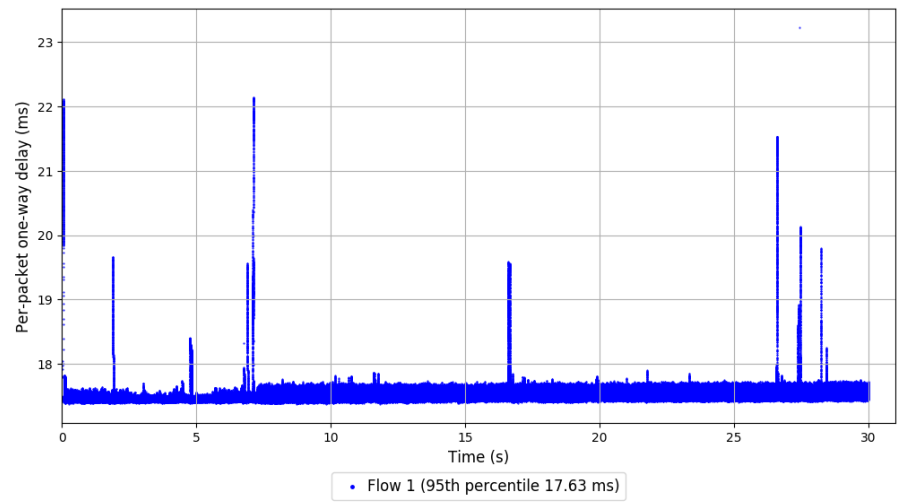
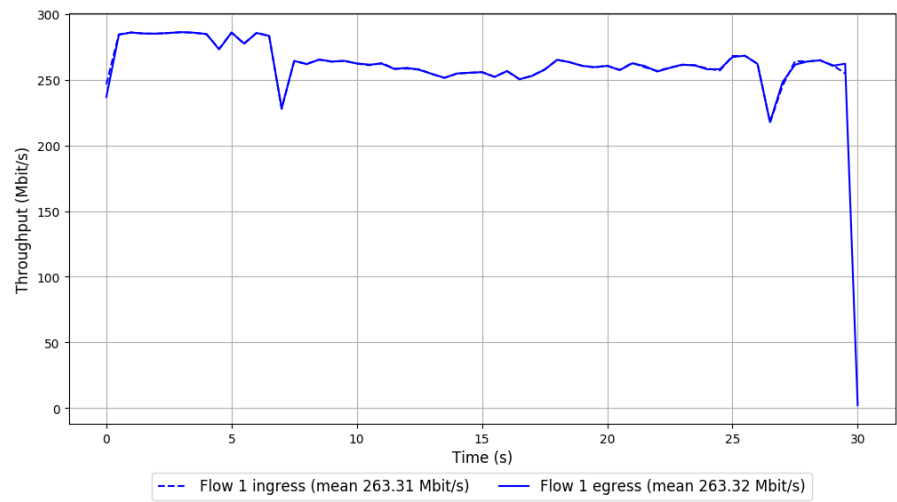
-- Flow 1:

Average throughput: 263.32 Mbit/s

95th percentile per-packet one-way delay: 17.628 ms

Loss rate: 0.00%

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

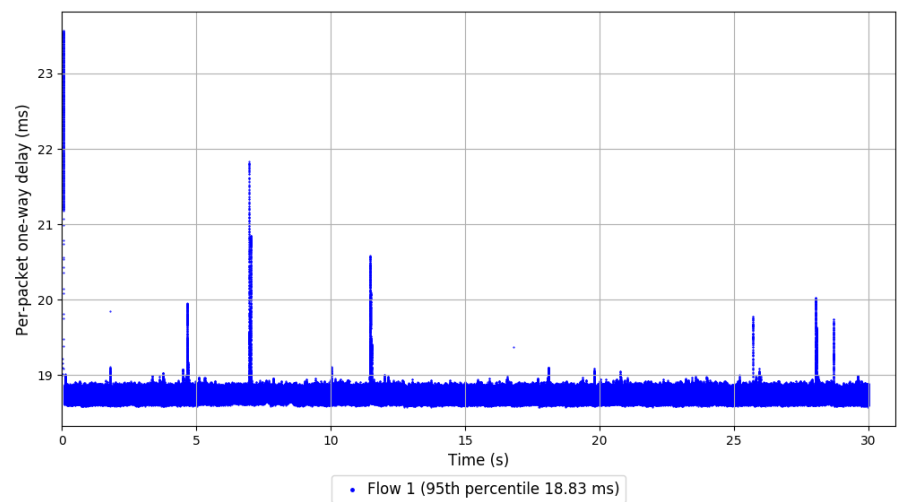
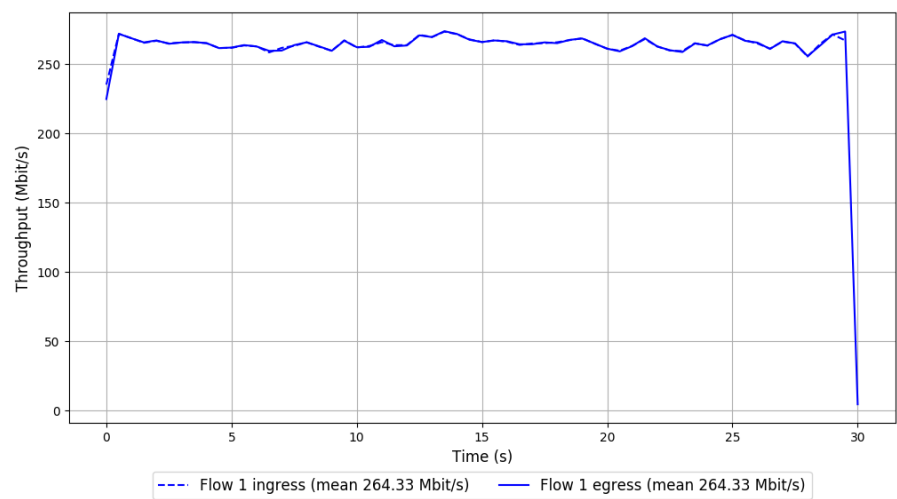


Run 7: Statistics of TaoVA-100x

Start at: 2018-03-20 18:09:45
End at: 2018-03-20 18:10:15
Local clock offset: 2.769 ms
Remote clock offset: -3.389 ms

Below is generated by plot.py at 2018-03-20 22:50:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 264.33 Mbit/s
95th percentile per-packet one-way delay: 18.828 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 264.33 Mbit/s
95th percentile per-packet one-way delay: 18.828 ms
Loss rate: 0.00%

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



Run 8: Statistics of TaoVA-100x

Start at: 2018-03-20 18:36:55

End at: 2018-03-20 18:37:25

Local clock offset: 0.611 ms

Remote clock offset: -2.857 ms

Below is generated by plot.py at 2018-03-20 22:50:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 262.38 Mbit/s

95th percentile per-packet one-way delay: 18.901 ms

Loss rate: 0.00%

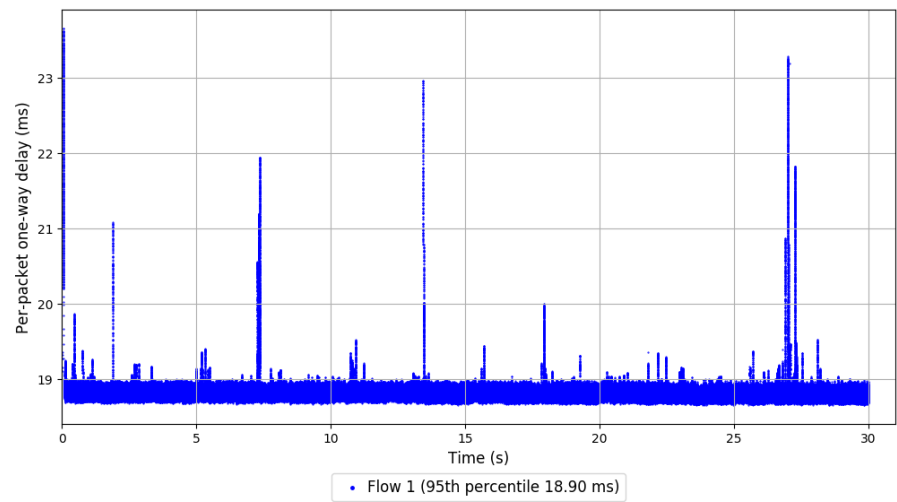
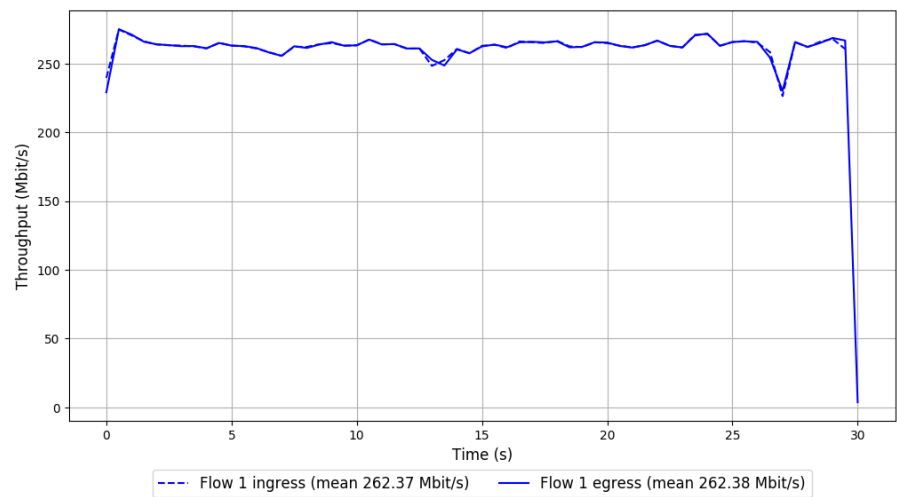
-- Flow 1:

Average throughput: 262.38 Mbit/s

95th percentile per-packet one-way delay: 18.901 ms

Loss rate: 0.00%

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



Run 9: Statistics of TaoVA-100x

Start at: 2018-03-20 19:03:58

End at: 2018-03-20 19:04:28

Local clock offset: 3.363 ms

Remote clock offset: -6.096 ms

Below is generated by plot.py at 2018-03-20 22:50:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 262.21 Mbit/s

95th percentile per-packet one-way delay: 19.020 ms

Loss rate: 0.00%

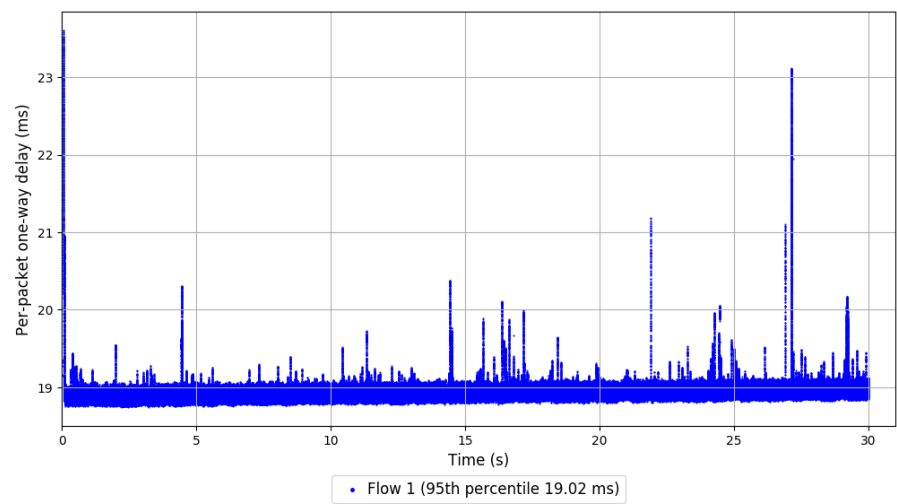
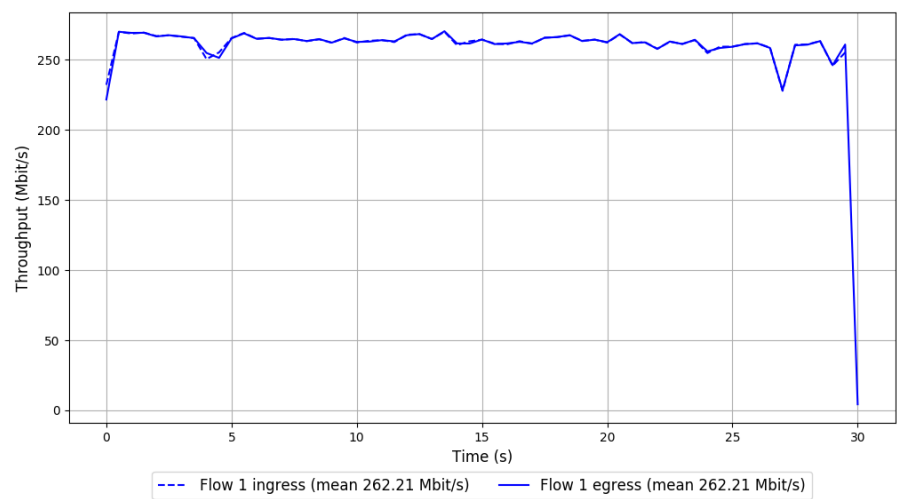
-- Flow 1:

Average throughput: 262.21 Mbit/s

95th percentile per-packet one-way delay: 19.020 ms

Loss rate: 0.00%

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



Run 10: Statistics of TaoVA-100x

Start at: 2018-03-20 19:31:09

End at: 2018-03-20 19:31:39

Local clock offset: 1.626 ms

Remote clock offset: -6.758 ms

Below is generated by plot.py at 2018-03-20 22:50:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 258.57 Mbit/s

95th percentile per-packet one-way delay: 18.667 ms

Loss rate: 0.00%

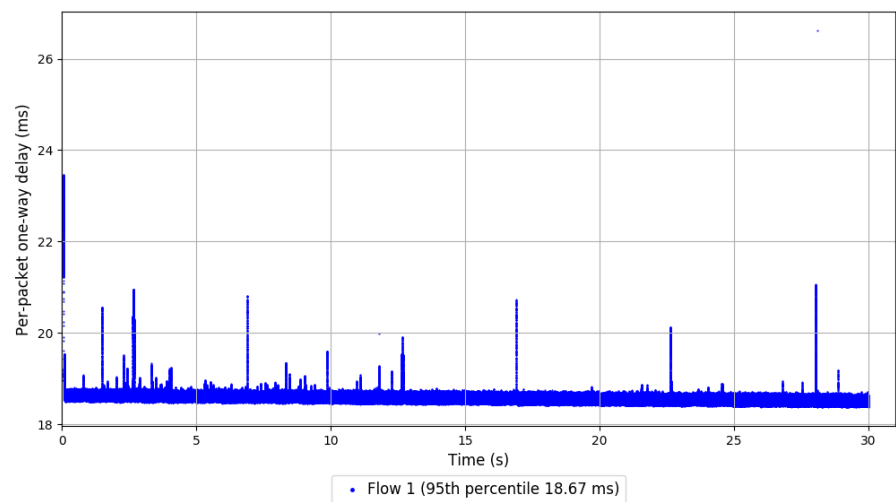
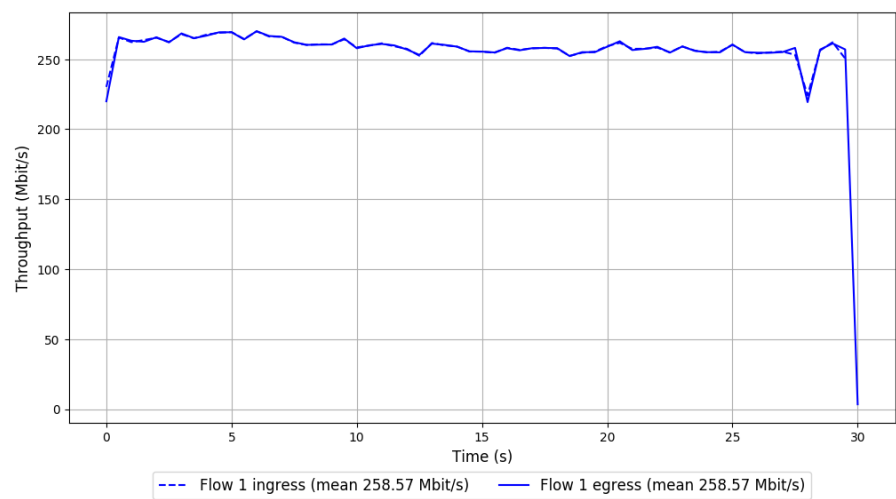
-- Flow 1:

Average throughput: 258.57 Mbit/s

95th percentile per-packet one-way delay: 18.667 ms

Loss rate: 0.00%

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



Run 1: Statistics of TCP Vegas

Start at: 2018-03-20 15:19:49

End at: 2018-03-20 15:20:19

Local clock offset: -0.166 ms

Remote clock offset: -3.76 ms

Below is generated by plot.py at 2018-03-20 22:50:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.77 Mbit/s

95th percentile per-packet one-way delay: 19.221 ms

Loss rate: 0.03%

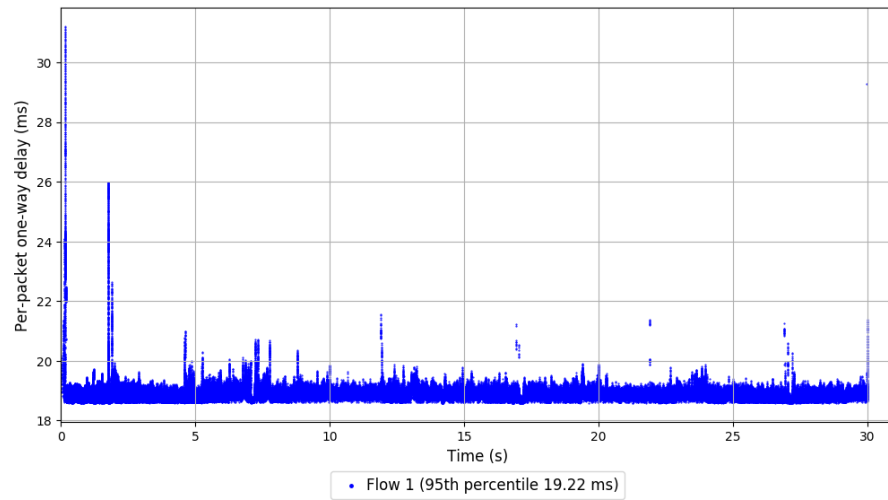
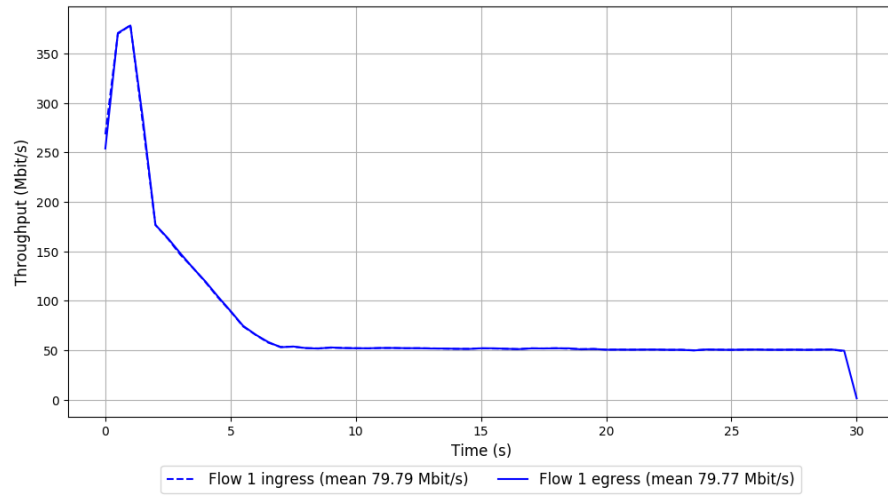
-- Flow 1:

Average throughput: 79.77 Mbit/s

95th percentile per-packet one-way delay: 19.221 ms

Loss rate: 0.03%

Run 1: Report of TCP Vegas — Data Link

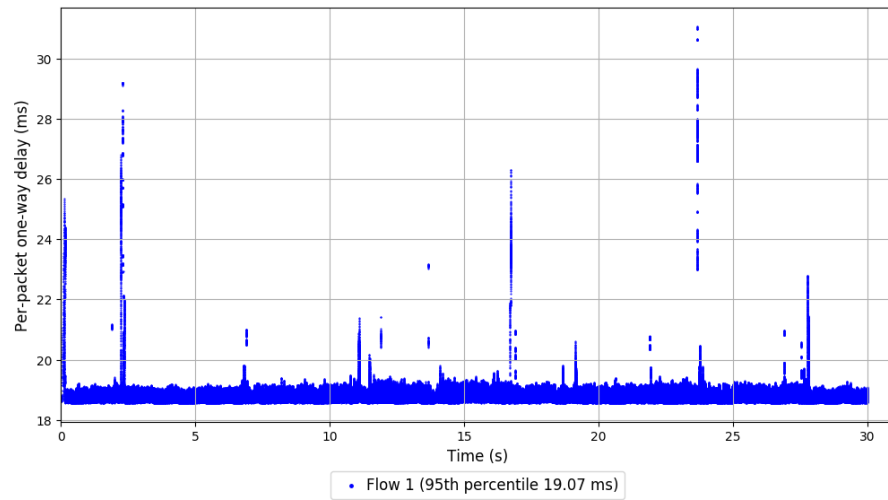
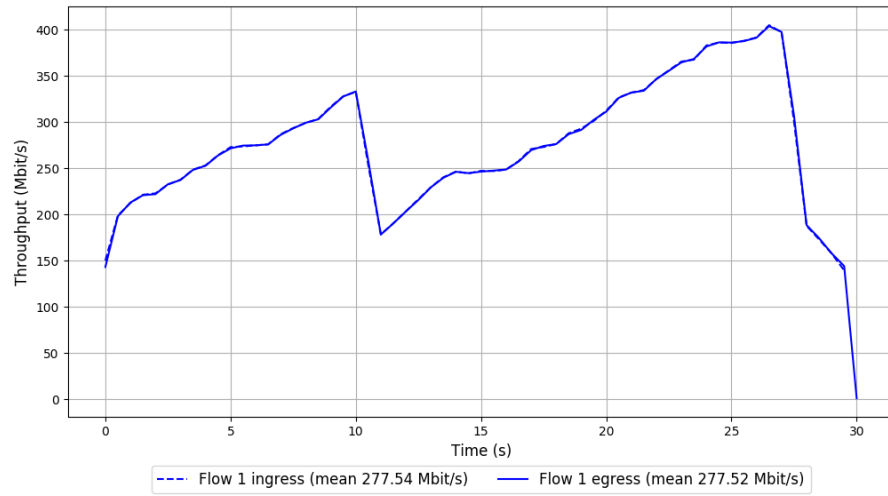


Run 2: Statistics of TCP Vegas

Start at: 2018-03-20 15:47:02
End at: 2018-03-20 15:47:32
Local clock offset: -0.123 ms
Remote clock offset: -4.502 ms

Below is generated by plot.py at 2018-03-20 22:50:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 277.52 Mbit/s
95th percentile per-packet one-way delay: 19.074 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 277.52 Mbit/s
95th percentile per-packet one-way delay: 19.074 ms
Loss rate: 0.01%

Run 2: Report of TCP Vegas — Data Link

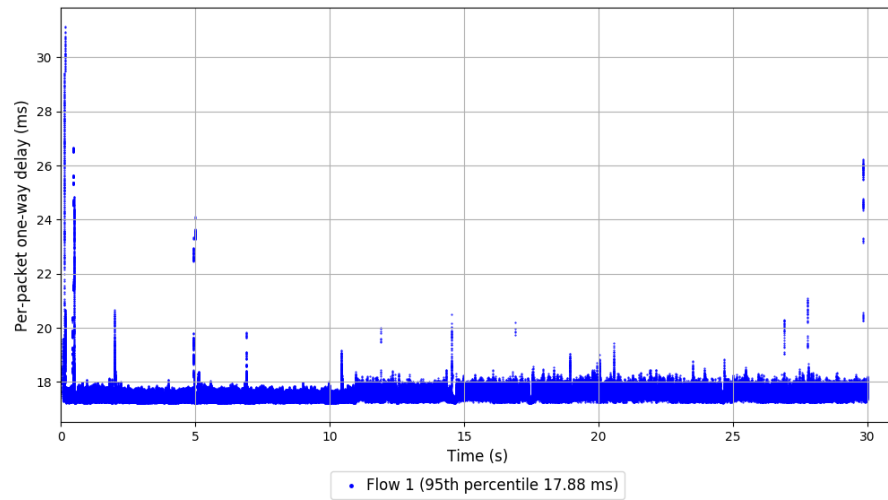
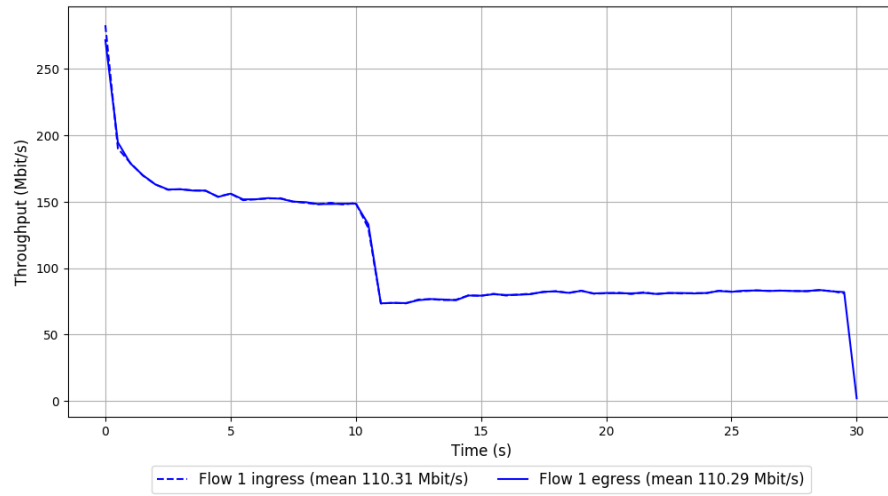


Run 3: Statistics of TCP Vegas

Start at: 2018-03-20 16:14:20
End at: 2018-03-20 16:14:50
Local clock offset: -0.294 ms
Remote clock offset: -4.452 ms

Below is generated by plot.py at 2018-03-20 22:50:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 110.29 Mbit/s
95th percentile per-packet one-way delay: 17.881 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 110.29 Mbit/s
95th percentile per-packet one-way delay: 17.881 ms
Loss rate: 0.01%

Run 3: Report of TCP Vegas — Data Link

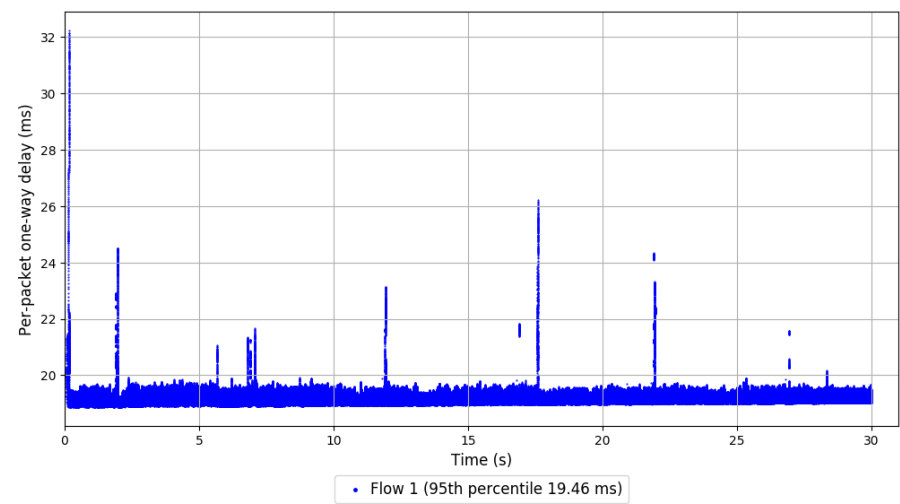
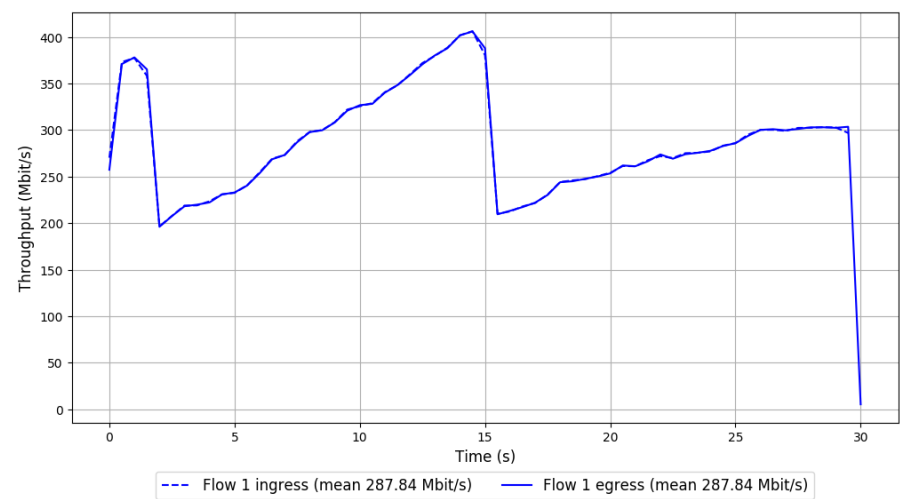


Run 4: Statistics of TCP Vegas

Start at: 2018-03-20 16:41:53
End at: 2018-03-20 16:42:23
Local clock offset: 4.611 ms
Remote clock offset: -4.502 ms

Below is generated by plot.py at 2018-03-20 22:50:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 287.84 Mbit/s
95th percentile per-packet one-way delay: 19.465 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 287.84 Mbit/s
95th percentile per-packet one-way delay: 19.465 ms
Loss rate: 0.00%

Run 4: Report of TCP Vegas — Data Link

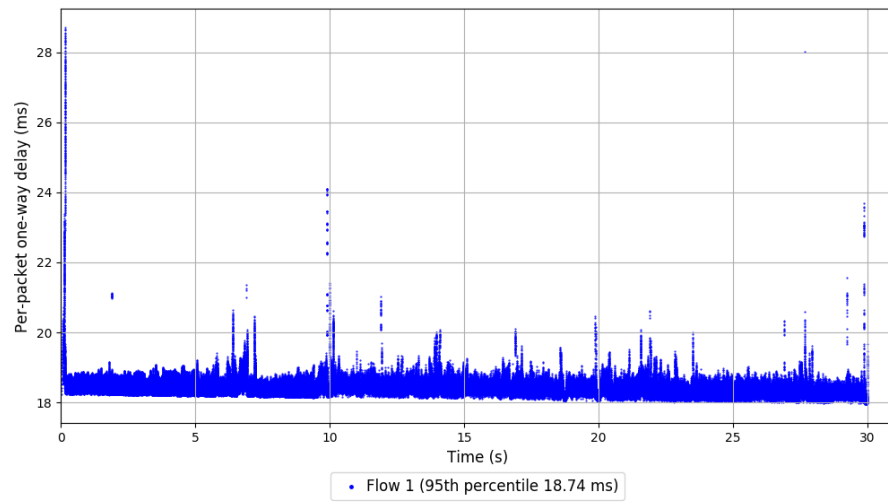
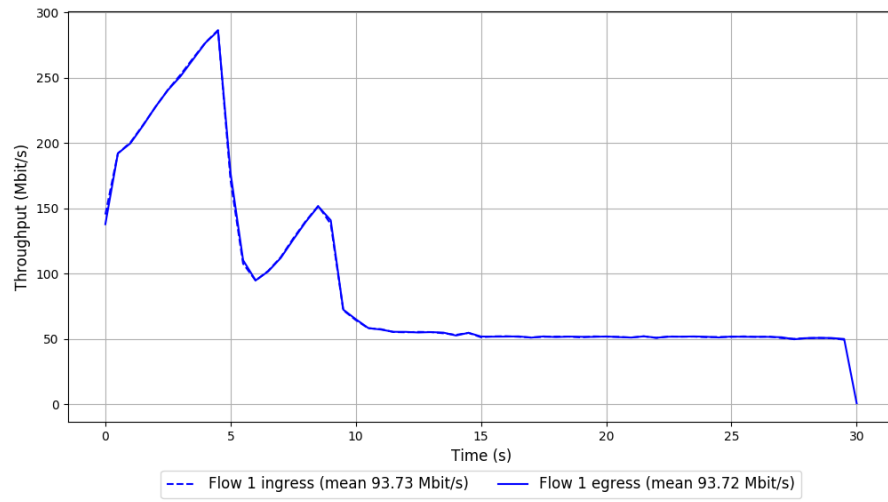


Run 5: Statistics of TCP Vegas

Start at: 2018-03-20 17:09:14
End at: 2018-03-20 17:09:44
Local clock offset: 6.135 ms
Remote clock offset: -4.801 ms

Below is generated by plot.py at 2018-03-20 22:50:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.72 Mbit/s
95th percentile per-packet one-way delay: 18.743 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 93.72 Mbit/s
95th percentile per-packet one-way delay: 18.743 ms
Loss rate: 0.01%

Run 5: Report of TCP Vegas — Data Link

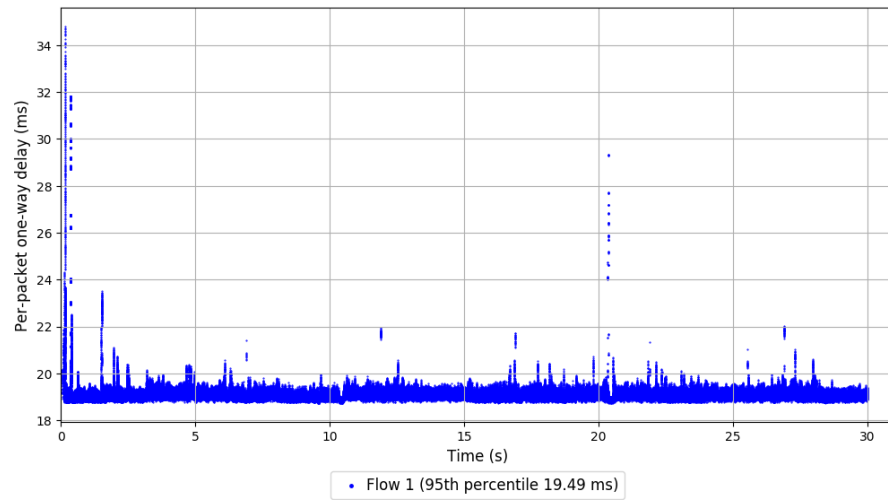
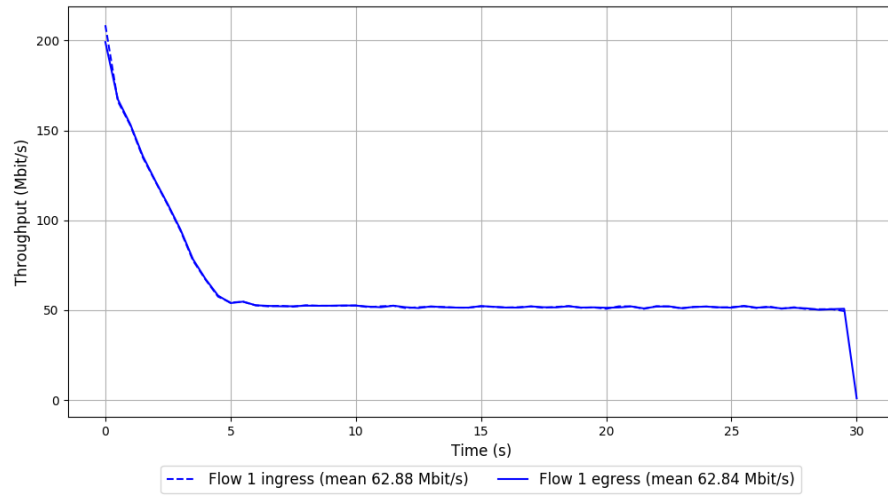


Run 6: Statistics of TCP Vegas

Start at: 2018-03-20 17:36:23
End at: 2018-03-20 17:36:53
Local clock offset: -0.279 ms
Remote clock offset: -5.166 ms

Below is generated by plot.py at 2018-03-20 22:50:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 62.84 Mbit/s
95th percentile per-packet one-way delay: 19.494 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 62.84 Mbit/s
95th percentile per-packet one-way delay: 19.494 ms
Loss rate: 0.06%

Run 6: Report of TCP Vegas — Data Link

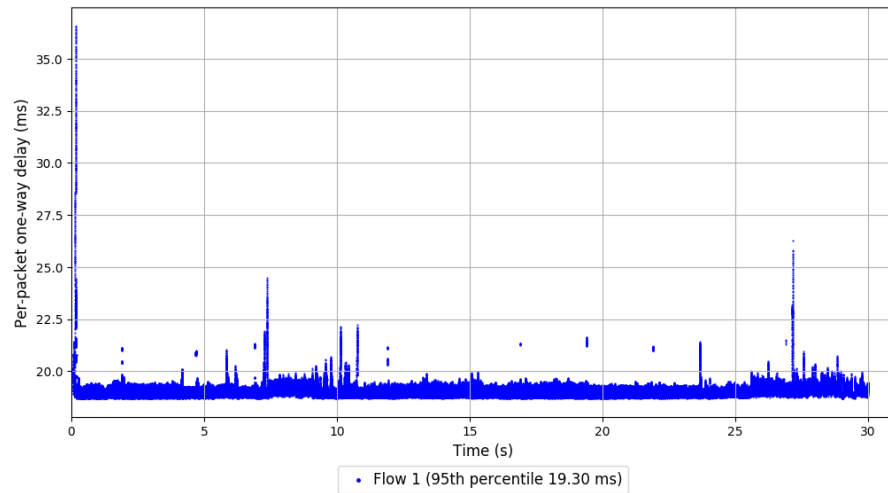
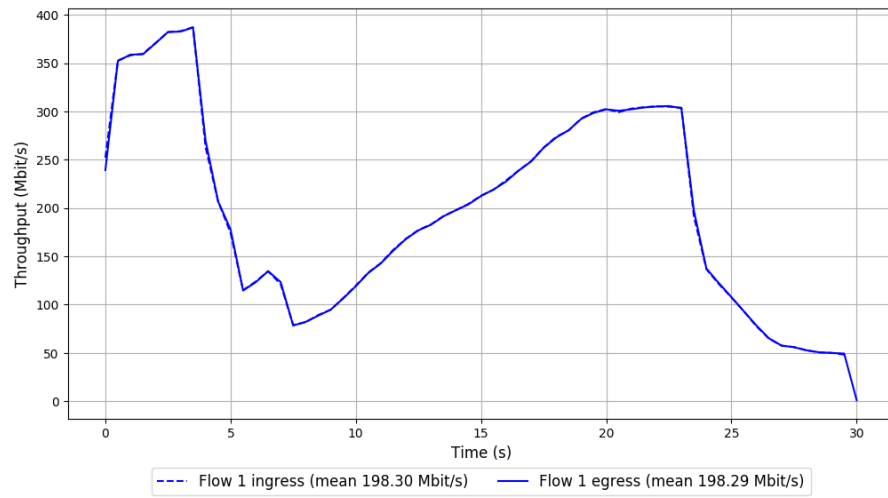


Run 7: Statistics of TCP Vegas

Start at: 2018-03-20 18:03:34
End at: 2018-03-20 18:04:04
Local clock offset: 2.482 ms
Remote clock offset: -3.528 ms

Below is generated by plot.py at 2018-03-20 22:50:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 198.29 Mbit/s
95th percentile per-packet one-way delay: 19.295 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 198.29 Mbit/s
95th percentile per-packet one-way delay: 19.295 ms
Loss rate: 0.00%

Run 7: Report of TCP Vegas — Data Link

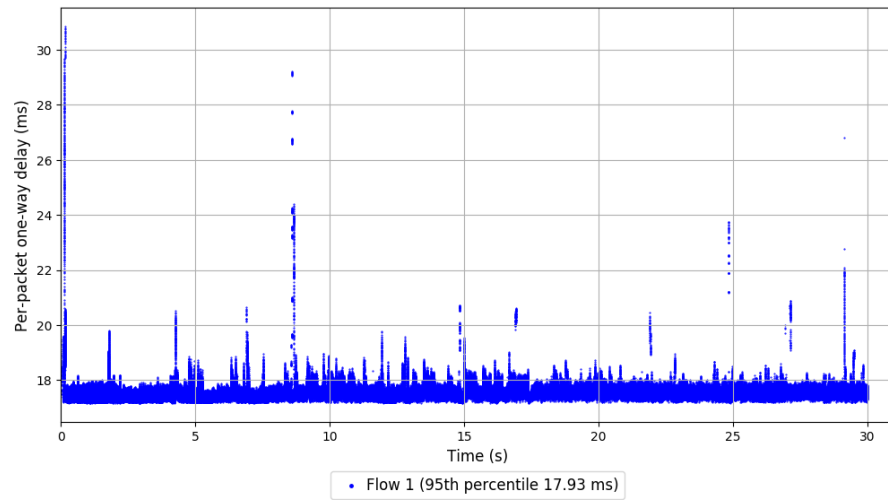
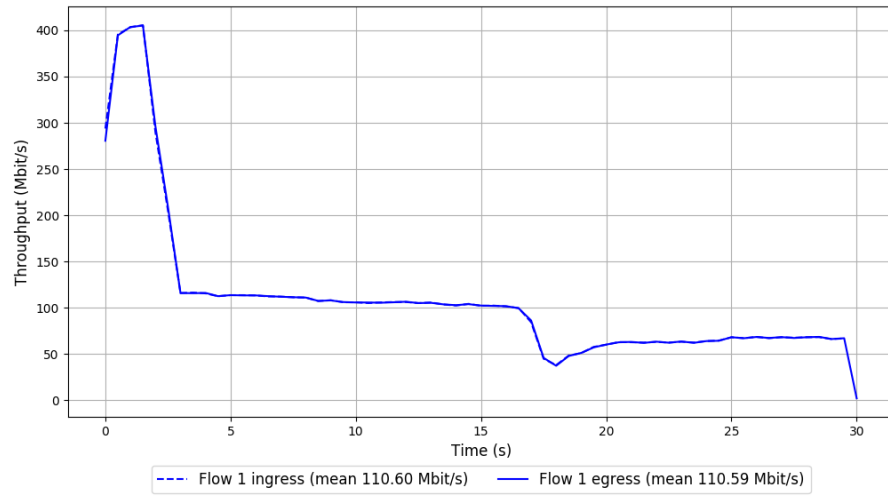


Run 8: Statistics of TCP Vegas

Start at: 2018-03-20 18:30:48
End at: 2018-03-20 18:31:18
Local clock offset: 0.957 ms
Remote clock offset: -2.918 ms

Below is generated by plot.py at 2018-03-20 22:50:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 110.59 Mbit/s
95th percentile per-packet one-way delay: 17.932 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 110.59 Mbit/s
95th percentile per-packet one-way delay: 17.932 ms
Loss rate: 0.00%

Run 8: Report of TCP Vegas — Data Link

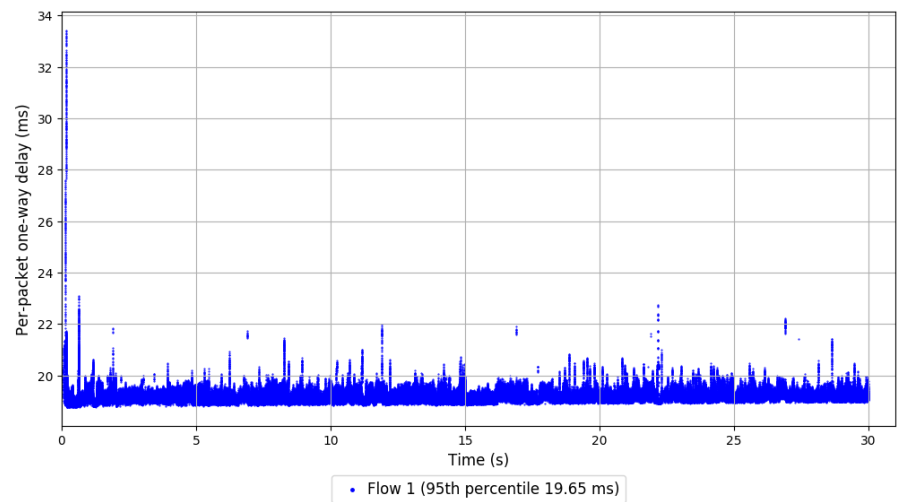
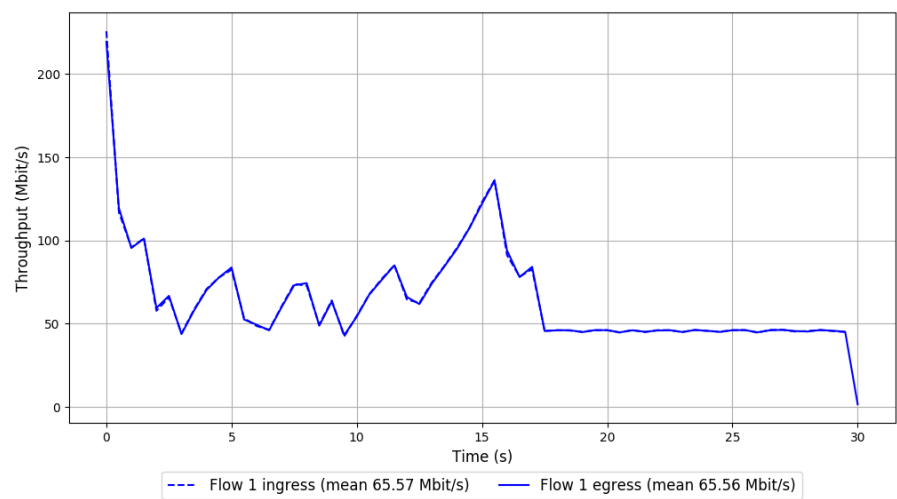


Run 9: Statistics of TCP Vegas

Start at: 2018-03-20 18:57:51
End at: 2018-03-20 18:58:21
Local clock offset: 2.721 ms
Remote clock offset: -5.239 ms

Below is generated by plot.py at 2018-03-20 22:50:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 65.56 Mbit/s
95th percentile per-packet one-way delay: 19.654 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 65.56 Mbit/s
95th percentile per-packet one-way delay: 19.654 ms
Loss rate: 0.01%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: 2018-03-20 19:24:54

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

Local clock offset: 3.608 ms

Remote clock offset: -7.036 ms

Below is generated by plot.py at 2018-03-20 22:51:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 226.73 Mbit/s

95th percentile per-packet one-way delay: 18.868 ms

Loss rate: 0.00%

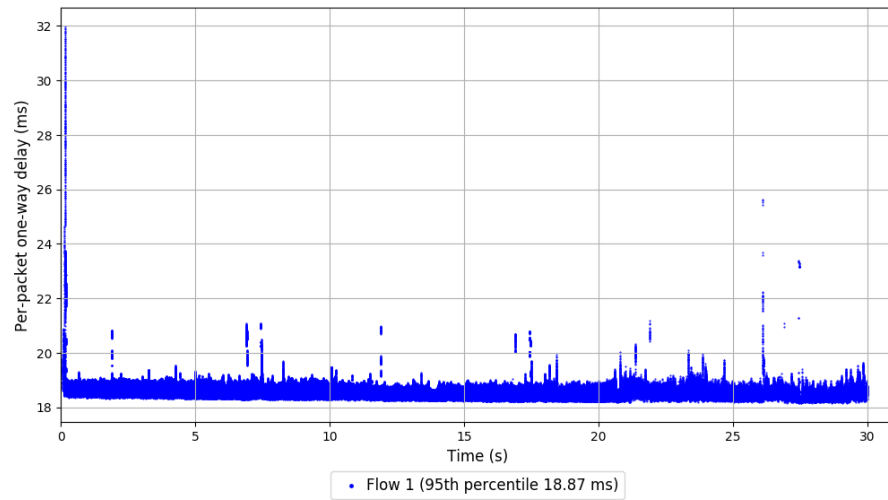
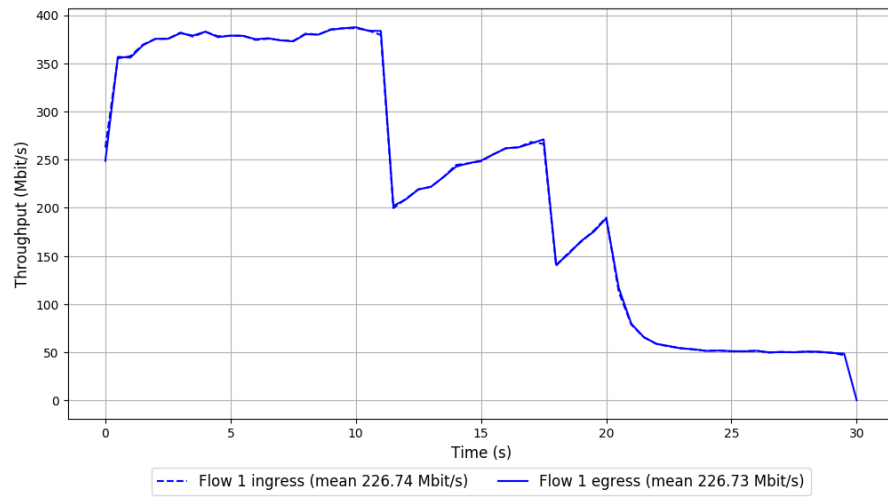
-- Flow 1:

Average throughput: 226.73 Mbit/s

95th percentile per-packet one-way delay: 18.868 ms

Loss rate: 0.00%

Run 10: Report of TCP Vegas — Data Link

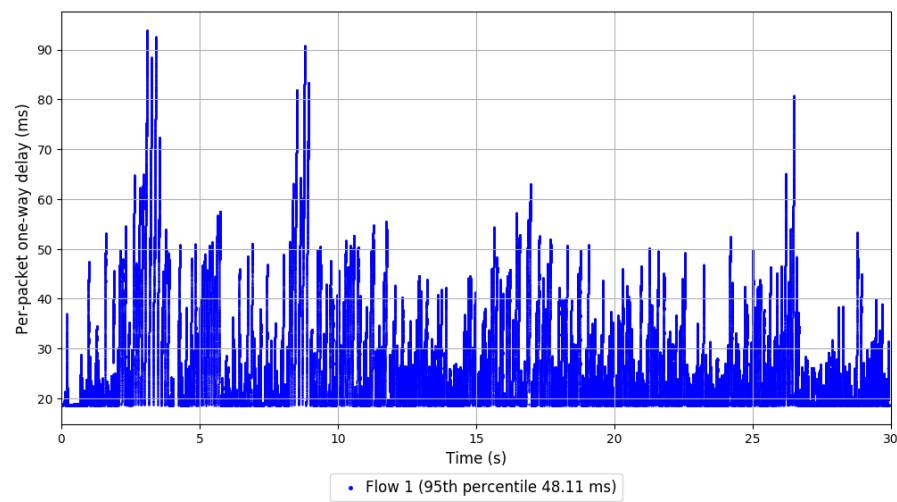
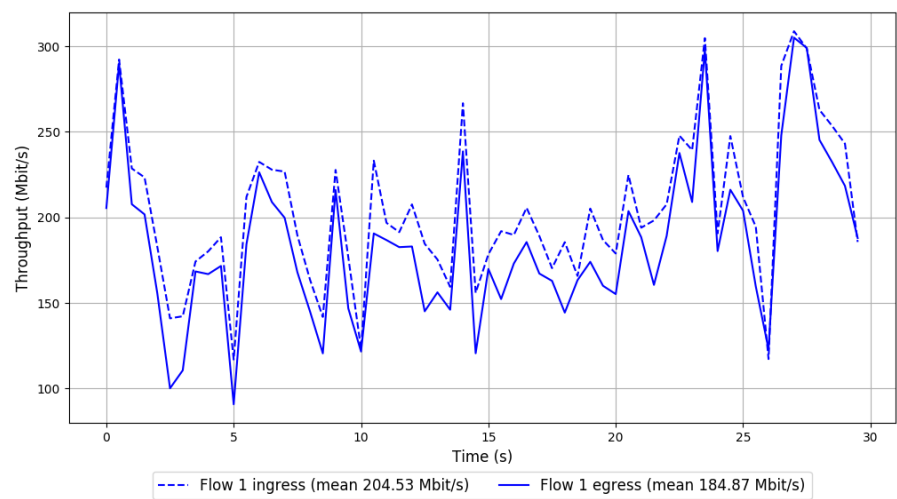


Run 1: Statistics of Verus

Start at: 2018-03-20 15:18:22
End at: 2018-03-20 15:18:52
Local clock offset: -0.1 ms
Remote clock offset: -3.787 ms

Below is generated by plot.py at 2018-03-20 22:51:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 184.87 Mbit/s
95th percentile per-packet one-way delay: 48.114 ms
Loss rate: 9.61%
-- Flow 1:
Average throughput: 184.87 Mbit/s
95th percentile per-packet one-way delay: 48.114 ms
Loss rate: 9.61%

Run 1: Report of Verus — Data Link

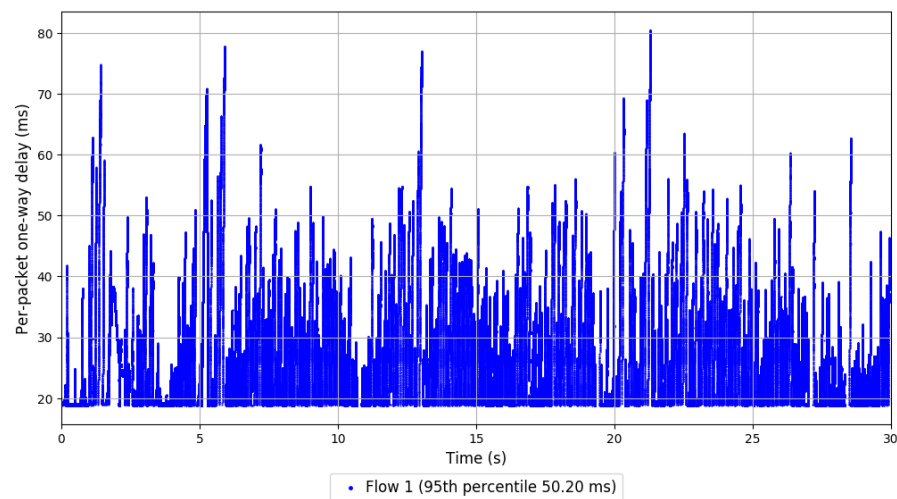
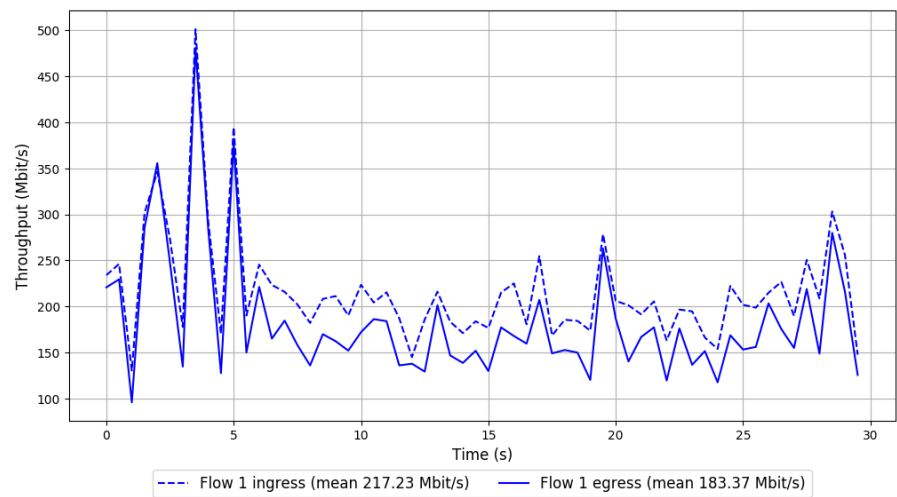


Run 2: Statistics of Verus

Start at: 2018-03-20 15:45:35
End at: 2018-03-20 15:46:05
Local clock offset: -0.189 ms
Remote clock offset: -4.369 ms

Below is generated by plot.py at 2018-03-20 22:52:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 183.37 Mbit/s
95th percentile per-packet one-way delay: 50.204 ms
Loss rate: 15.53%
-- Flow 1:
Average throughput: 183.37 Mbit/s
95th percentile per-packet one-way delay: 50.204 ms
Loss rate: 15.53%

Run 2: Report of Verus — Data Link

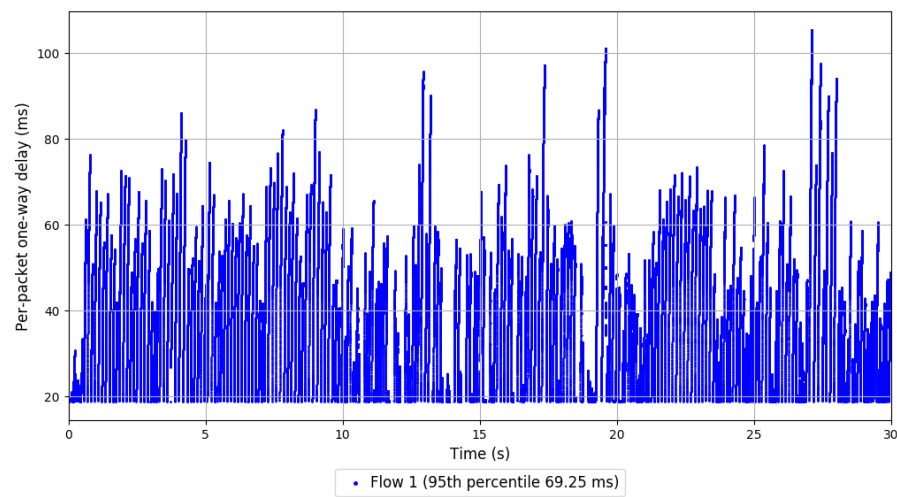
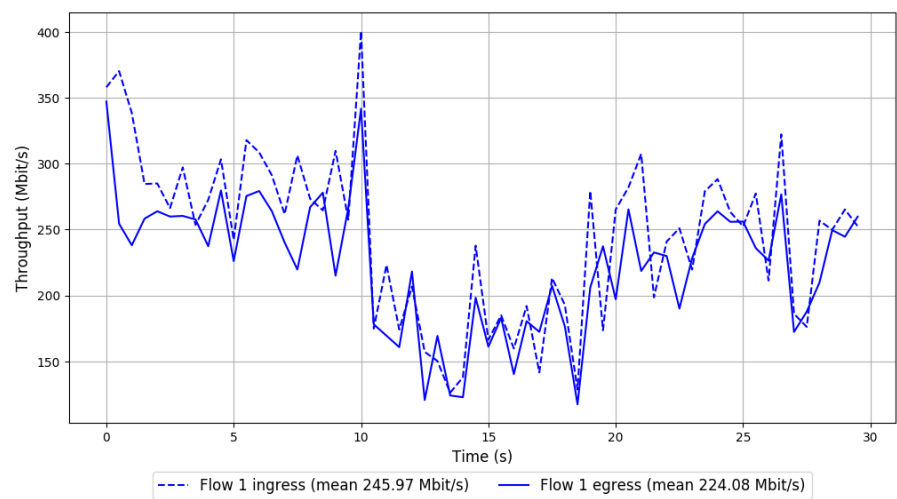


Run 3: Statistics of Verus

Start at: 2018-03-20 16:12:51
End at: 2018-03-20 16:13:21
Local clock offset: -0.388 ms
Remote clock offset: -4.425 ms

Below is generated by plot.py at 2018-03-20 22:52:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 224.08 Mbit/s
95th percentile per-packet one-way delay: 69.252 ms
Loss rate: 8.83%
-- Flow 1:
Average throughput: 224.08 Mbit/s
95th percentile per-packet one-way delay: 69.252 ms
Loss rate: 8.83%

Run 3: Report of Verus — Data Link

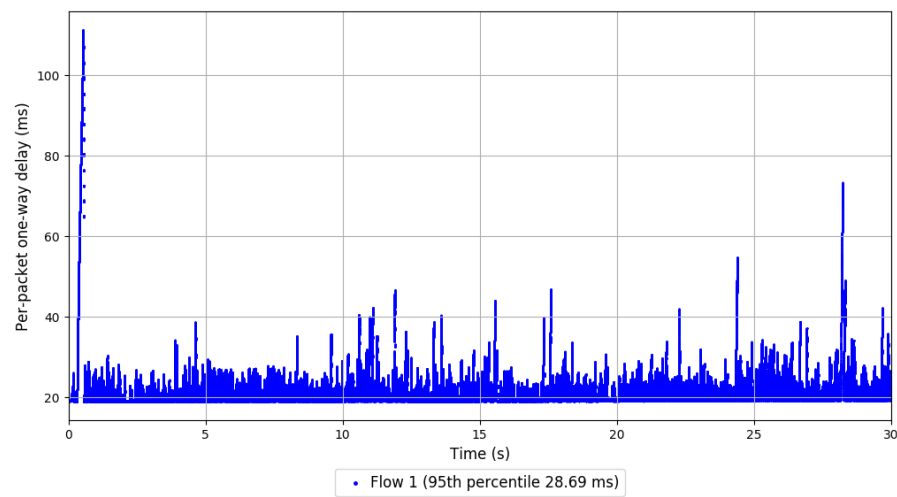
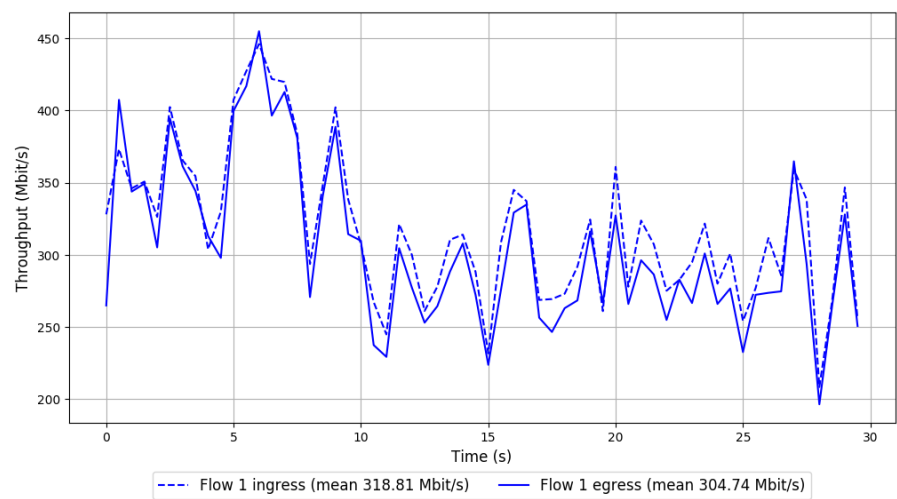


Run 4: Statistics of Verus

Start at: 2018-03-20 16:40:19
End at: 2018-03-20 16:40:50
Local clock offset: 4.111 ms
Remote clock offset: -4.539 ms

Below is generated by plot.py at 2018-03-20 22:55:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 304.74 Mbit/s
95th percentile per-packet one-way delay: 28.692 ms
Loss rate: 4.41%
-- Flow 1:
Average throughput: 304.74 Mbit/s
95th percentile per-packet one-way delay: 28.692 ms
Loss rate: 4.41%

Run 4: Report of Verus — Data Link

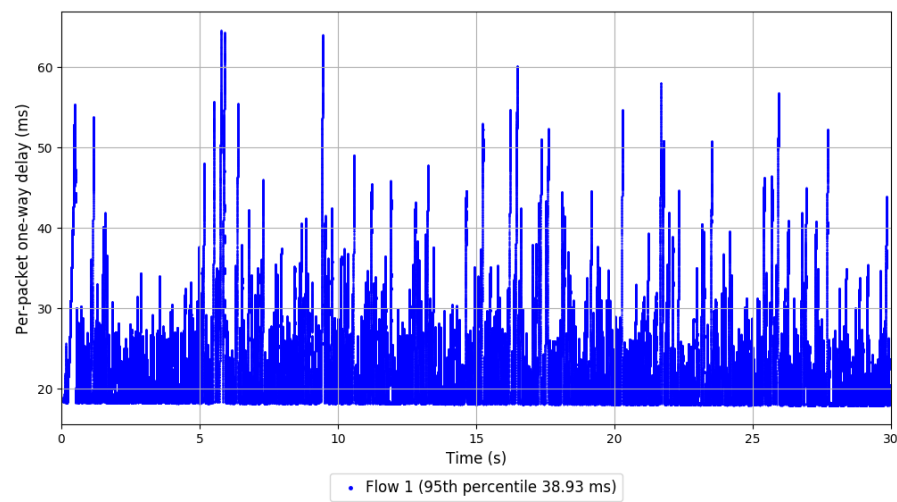
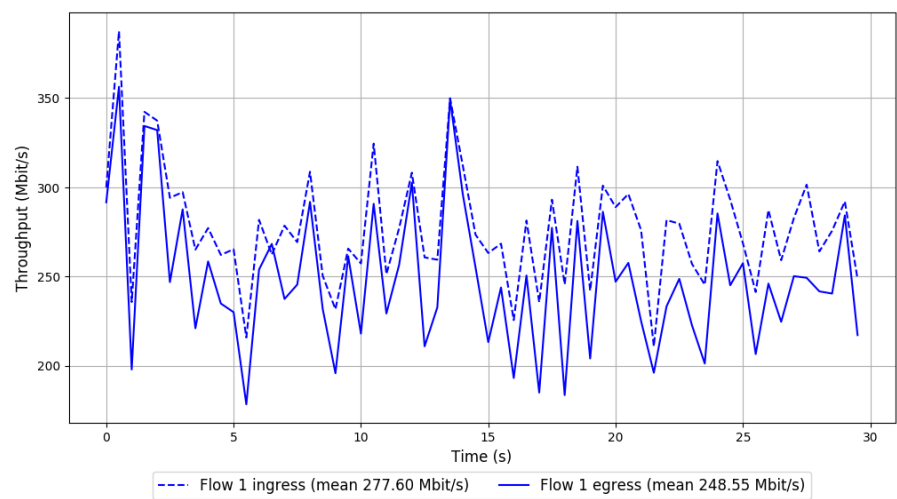


Run 5: Statistics of Verus

Start at: 2018-03-20 17:07:44
End at: 2018-03-20 17:08:14
Local clock offset: 7.241 ms
Remote clock offset: -4.703 ms

Below is generated by plot.py at 2018-03-20 22:55:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 248.55 Mbit/s
95th percentile per-packet one-way delay: 38.930 ms
Loss rate: 10.46%
-- Flow 1:
Average throughput: 248.55 Mbit/s
95th percentile per-packet one-way delay: 38.930 ms
Loss rate: 10.46%

Run 5: Report of Verus — Data Link

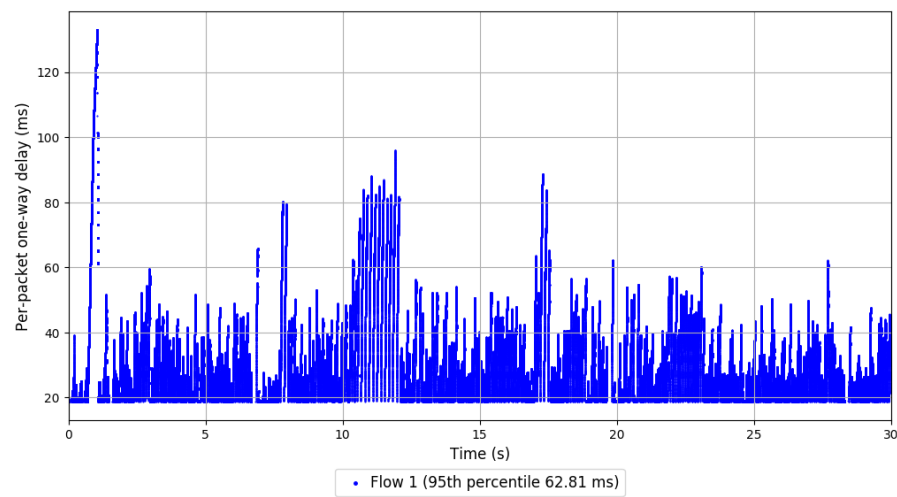
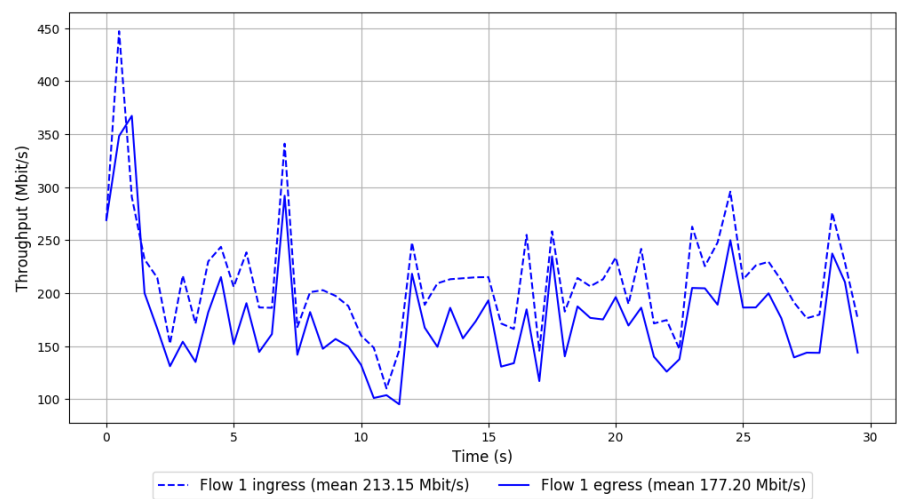


Run 6: Statistics of Verus

Start at: 2018-03-20 17:34:56
End at: 2018-03-20 17:35:26
Local clock offset: -0.18 ms
Remote clock offset: -5.195 ms

Below is generated by plot.py at 2018-03-20 22:55:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 177.20 Mbit/s
95th percentile per-packet one-way delay: 62.812 ms
Loss rate: 16.81%
-- Flow 1:
Average throughput: 177.20 Mbit/s
95th percentile per-packet one-way delay: 62.812 ms
Loss rate: 16.81%

Run 6: Report of Verus — Data Link

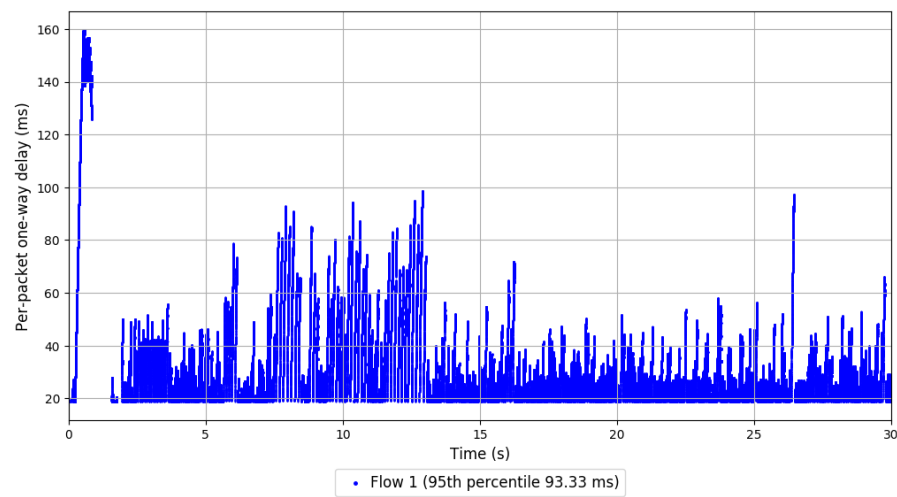
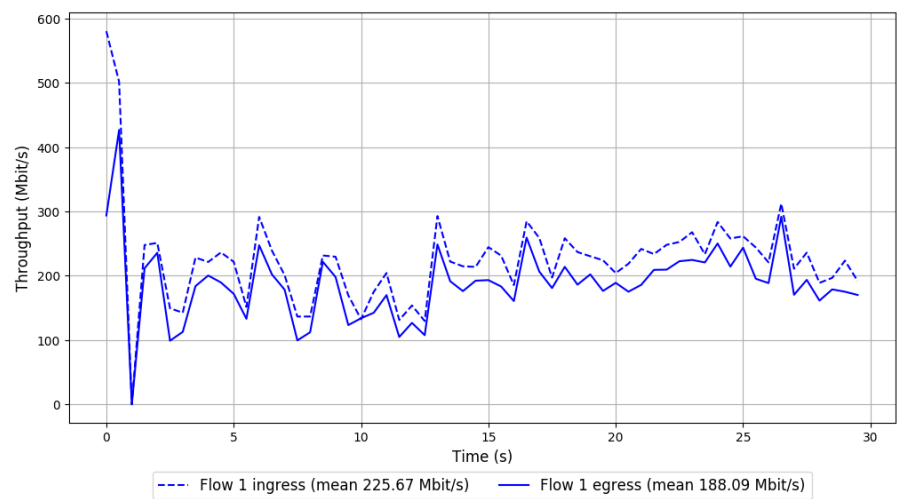


Run 7: Statistics of Verus

Start at: 2018-03-20 18:02:06
End at: 2018-03-20 18:02:36
Local clock offset: 2.5 ms
Remote clock offset: -3.486 ms

Below is generated by plot.py at 2018-03-20 22:55:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 188.09 Mbit/s
95th percentile per-packet one-way delay: 93.335 ms
Loss rate: 16.65%
-- Flow 1:
Average throughput: 188.09 Mbit/s
95th percentile per-packet one-way delay: 93.335 ms
Loss rate: 16.65%

Run 7: Report of Verus — Data Link

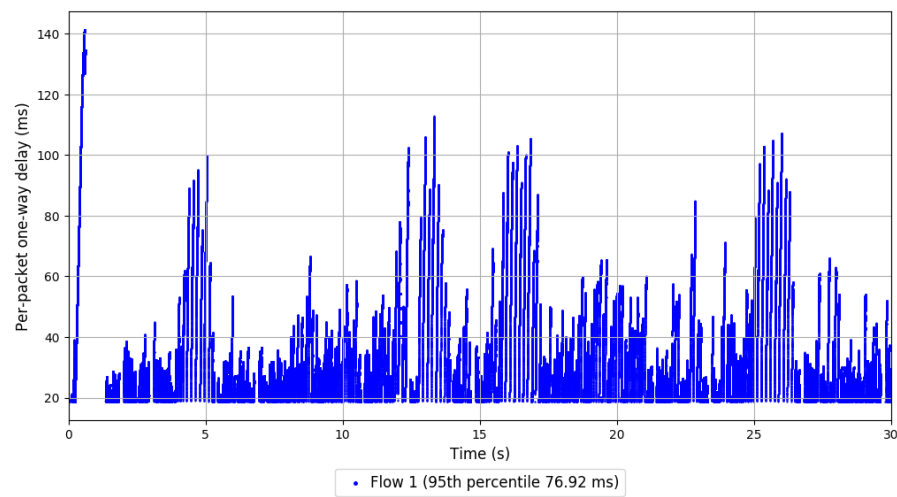
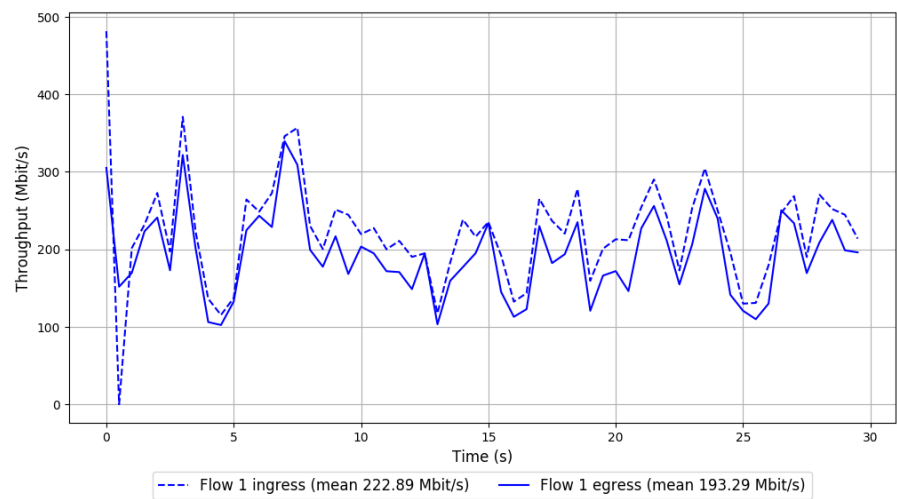


Run 8: Statistics of Verus

Start at: 2018-03-20 18:29:20
End at: 2018-03-20 18:29:50
Local clock offset: 0.93 ms
Remote clock offset: -2.982 ms

Below is generated by plot.py at 2018-03-20 22:55:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 193.29 Mbit/s
95th percentile per-packet one-way delay: 76.917 ms
Loss rate: 13.28%
-- Flow 1:
Average throughput: 193.29 Mbit/s
95th percentile per-packet one-way delay: 76.917 ms
Loss rate: 13.28%

Run 8: Report of Verus — Data Link

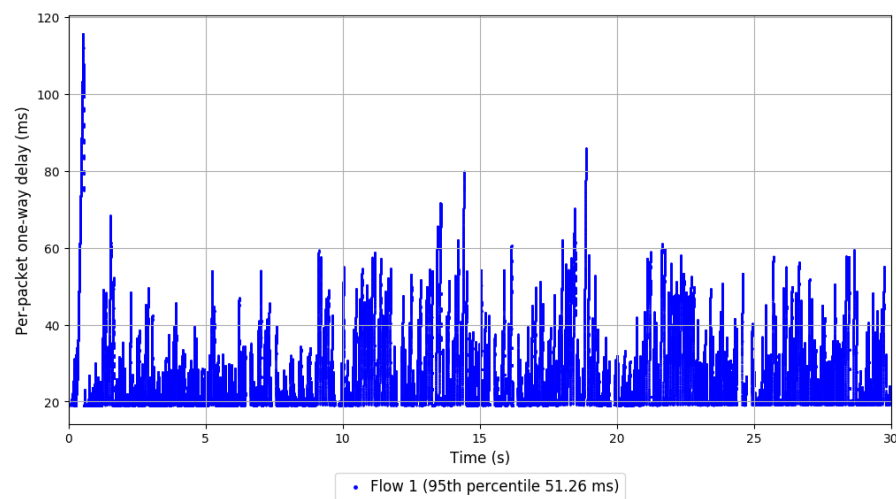
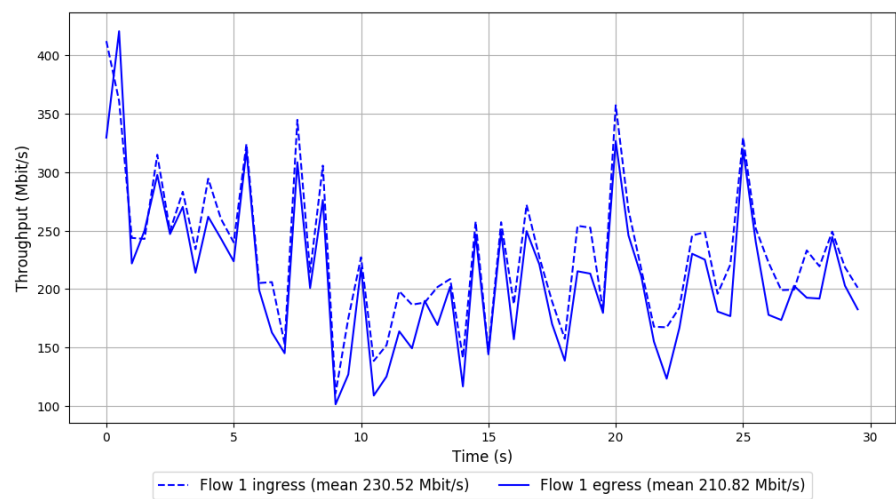


Run 9: Statistics of Verus

Start at: 2018-03-20 18:56:23
End at: 2018-03-20 18:56:53
Local clock offset: 2.378 ms
Remote clock offset: -4.948 ms

Below is generated by plot.py at 2018-03-20 22:55:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 210.82 Mbit/s
95th percentile per-packet one-way delay: 51.261 ms
Loss rate: 8.54%
-- Flow 1:
Average throughput: 210.82 Mbit/s
95th percentile per-packet one-way delay: 51.261 ms
Loss rate: 8.54%

Run 9: Report of Verus — Data Link

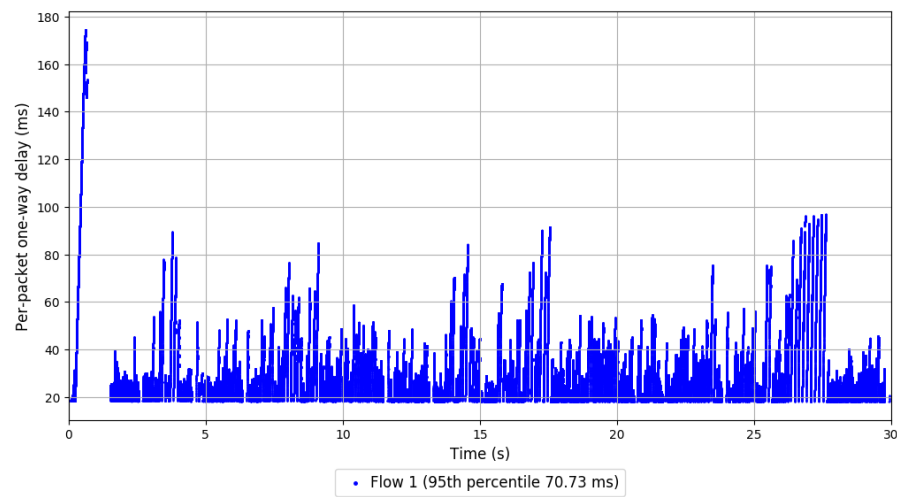
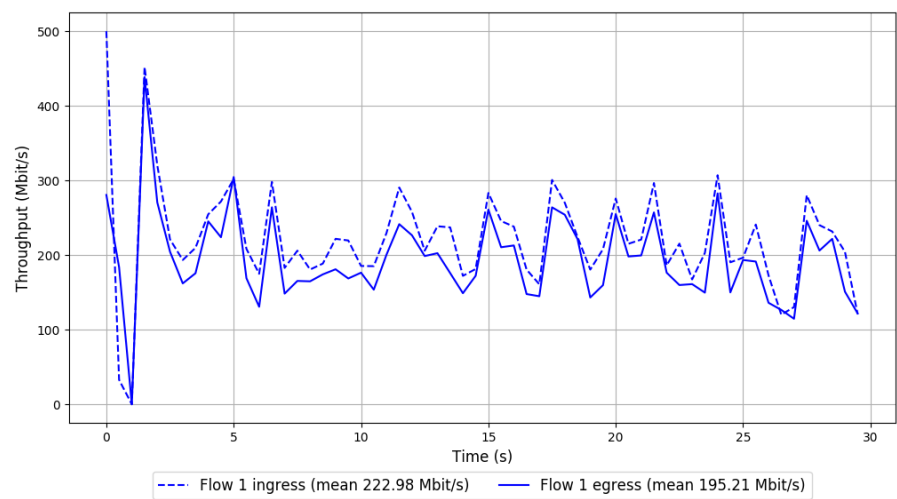


Run 10: Statistics of Verus

Start at: 2018-03-20 19:23:27
End at: 2018-03-20 19:23:57
Local clock offset: 4.318 ms
Remote clock offset: -7.128 ms

Below is generated by plot.py at 2018-03-20 22:55:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 195.21 Mbit/s
95th percentile per-packet one-way delay: 70.735 ms
Loss rate: 12.45%
-- Flow 1:
Average throughput: 195.21 Mbit/s
95th percentile per-packet one-way delay: 70.735 ms
Loss rate: 12.45%

Run 10: Report of Verus — Data Link

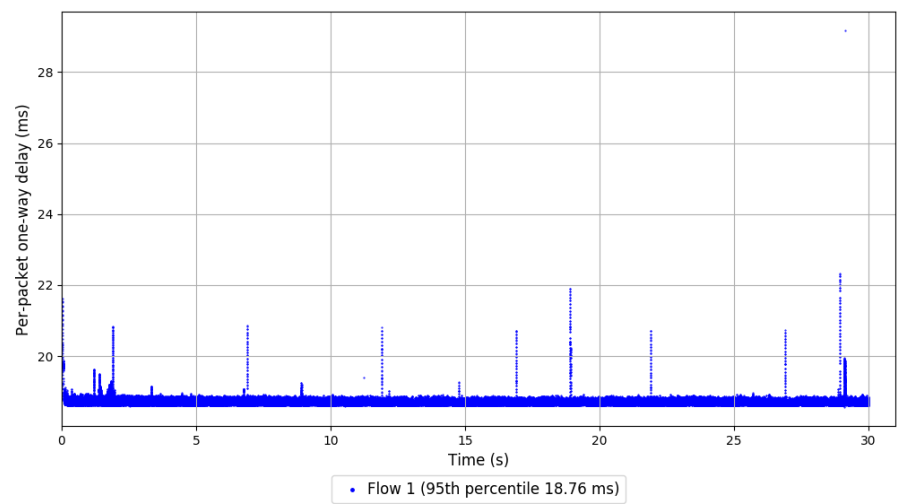
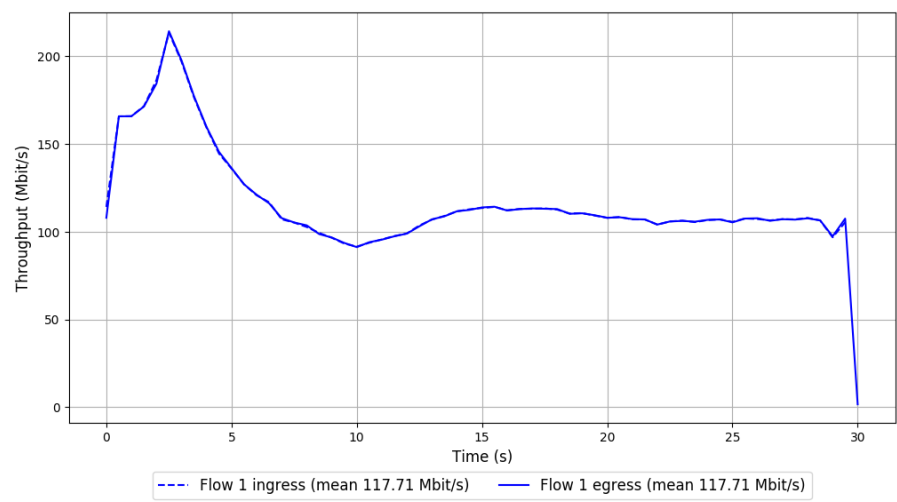


Run 1: Statistics of Copa

Start at: 2018-03-20 15:41:17
End at: 2018-03-20 15:41:47
Local clock offset: -0.06 ms
Remote clock offset: -4.437 ms

Below is generated by plot.py at 2018-03-20 22:55:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 117.71 Mbit/s
95th percentile per-packet one-way delay: 18.760 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 117.71 Mbit/s
95th percentile per-packet one-way delay: 18.760 ms
Loss rate: 0.00%

Run 1: Report of Copa — Data Link

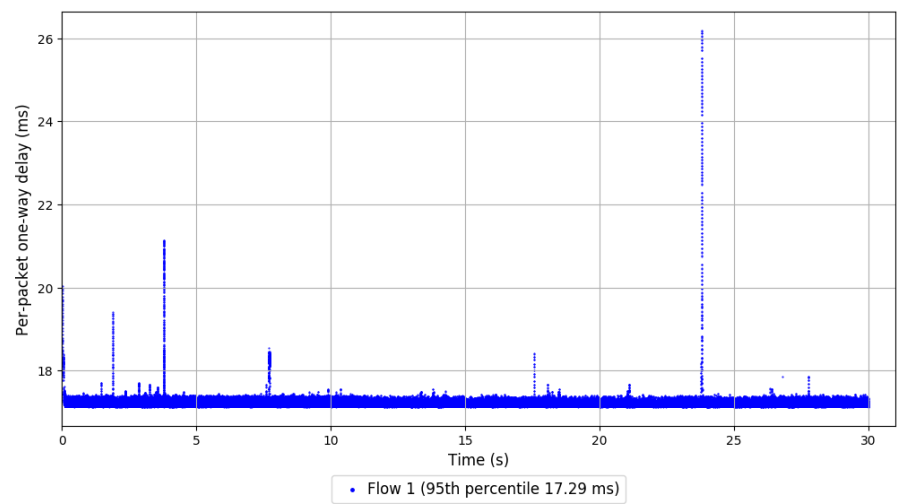
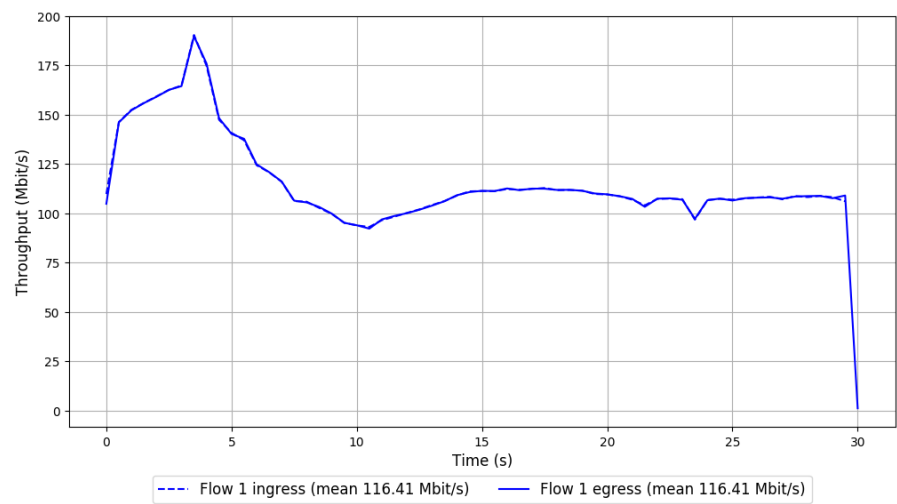


Run 2: Statistics of Copa

Start at: 2018-03-20 16:08:31
End at: 2018-03-20 16:09:01
Local clock offset: -0.235 ms
Remote clock offset: -4.517 ms

Below is generated by plot.py at 2018-03-20 22:56:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 116.41 Mbit/s
95th percentile per-packet one-way delay: 17.290 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 116.41 Mbit/s
95th percentile per-packet one-way delay: 17.290 ms
Loss rate: 0.00%

Run 2: Report of Copa — Data Link

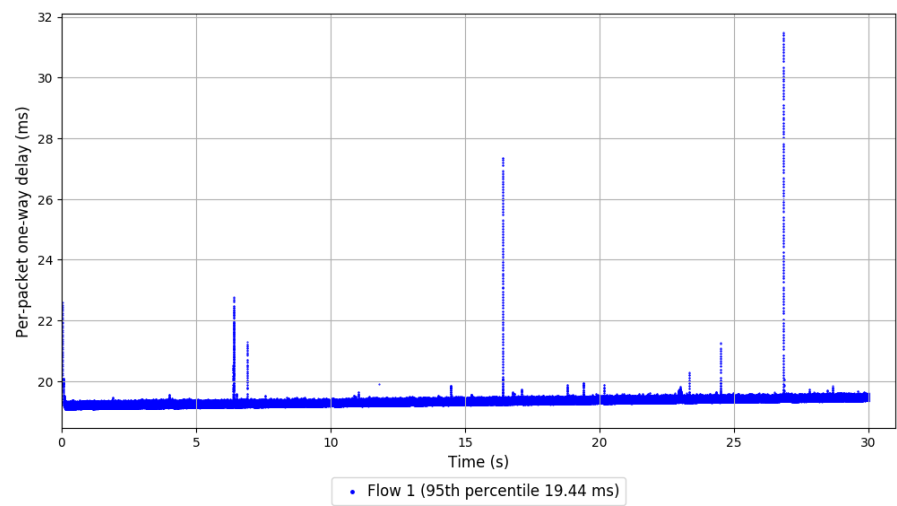
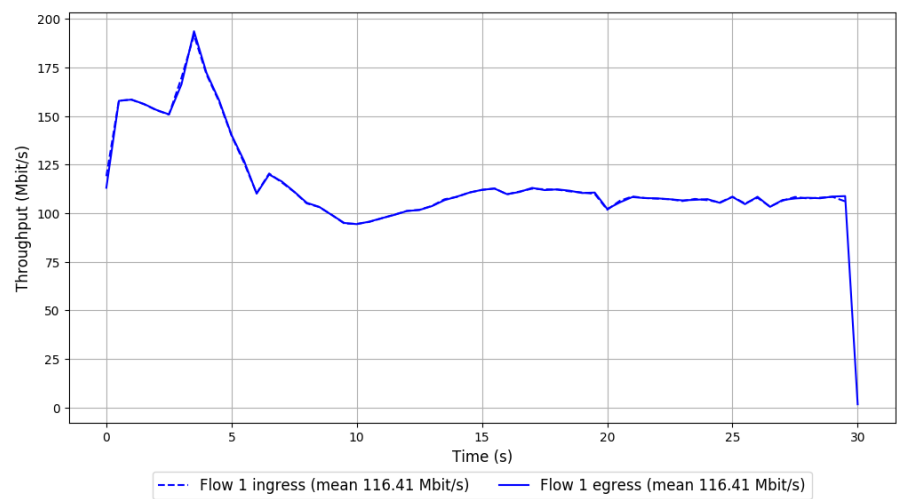


Run 3: Statistics of Copa

Start at: 2018-03-20 16:35:58
End at: 2018-03-20 16:36:28
Local clock offset: 2.055 ms
Remote clock offset: -4.411 ms

Below is generated by plot.py at 2018-03-20 22:56:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 116.41 Mbit/s
95th percentile per-packet one-way delay: 19.440 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 116.41 Mbit/s
95th percentile per-packet one-way delay: 19.440 ms
Loss rate: 0.00%

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: 2018-03-20 17:03:27

End at: 2018-03-20 17:03:57

Local clock offset: 8.305 ms

Remote clock offset: -4.6 ms

Below is generated by plot.py at 2018-03-20 22:57:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 119.86 Mbit/s

95th percentile per-packet one-way delay: 18.820 ms

Loss rate: 0.00%

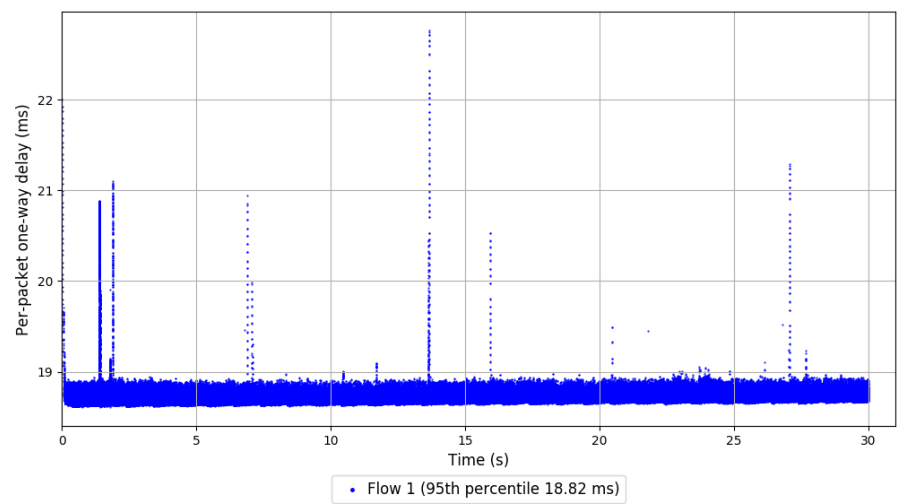
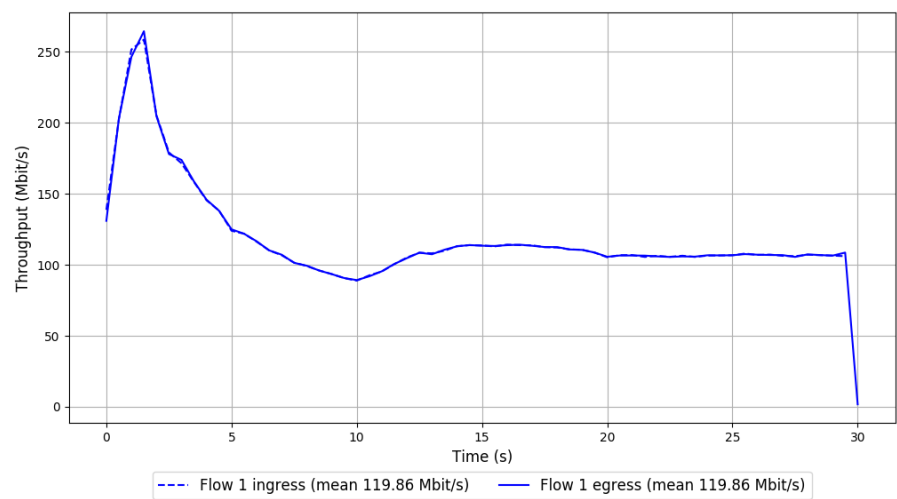
-- Flow 1:

Average throughput: 119.86 Mbit/s

95th percentile per-packet one-way delay: 18.820 ms

Loss rate: 0.00%

Run 4: Report of Copa — Data Link

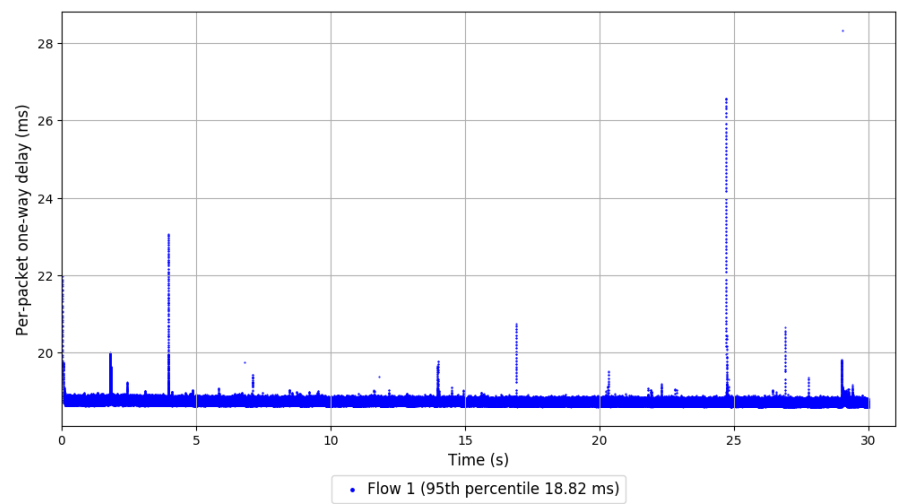
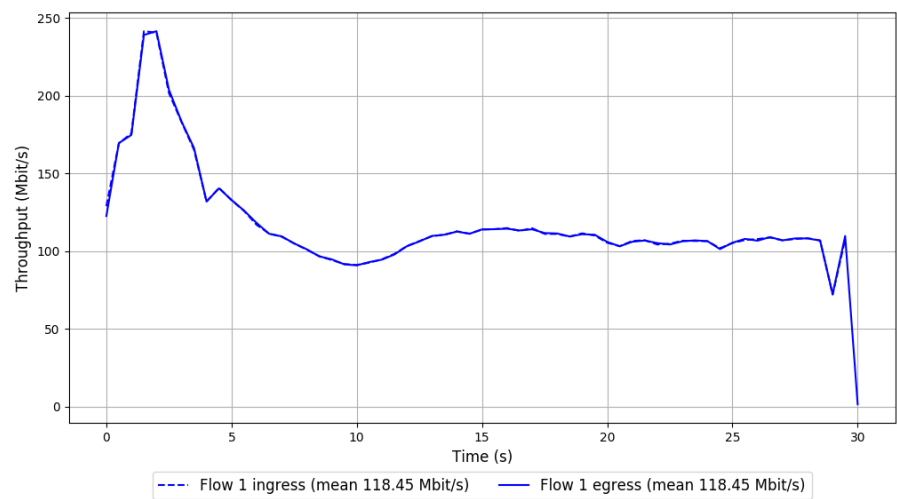


Run 5: Statistics of Copa

Start at: 2018-03-20 17:30:40
End at: 2018-03-20 17:31:10
Local clock offset: 0.116 ms
Remote clock offset: -5.223 ms

Below is generated by plot.py at 2018-03-20 22:57:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 118.45 Mbit/s
95th percentile per-packet one-way delay: 18.822 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 118.45 Mbit/s
95th percentile per-packet one-way delay: 18.822 ms
Loss rate: 0.00%

Run 5: Report of Copa — Data Link

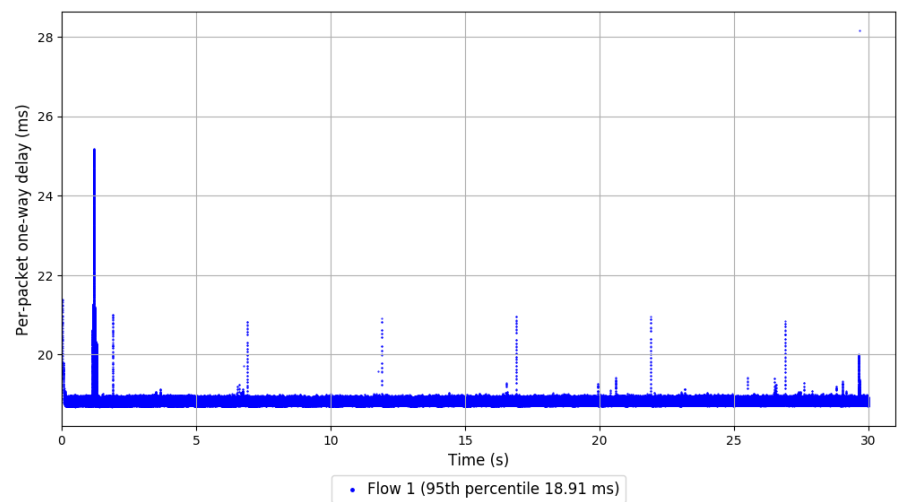
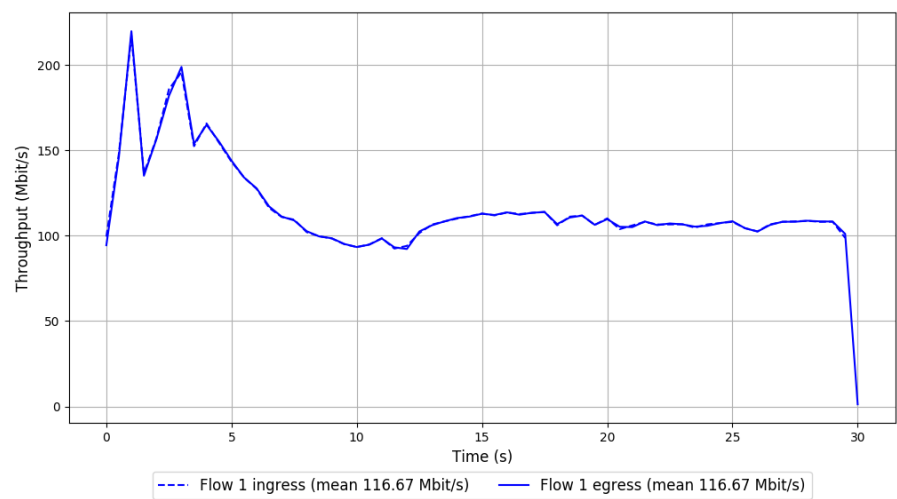


Run 6: Statistics of Copa

Start at: 2018-03-20 17:57:47
End at: 2018-03-20 17:58:17
Local clock offset: 2.259 ms
Remote clock offset: -3.654 ms

Below is generated by plot.py at 2018-03-20 22:58:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 116.67 Mbit/s
95th percentile per-packet one-way delay: 18.906 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 116.67 Mbit/s
95th percentile per-packet one-way delay: 18.906 ms
Loss rate: 0.00%

Run 6: Report of Copa — Data Link

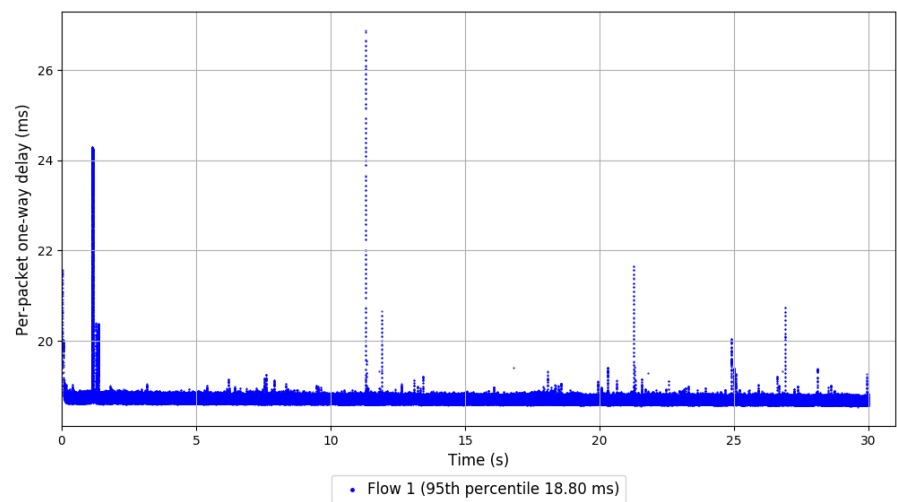
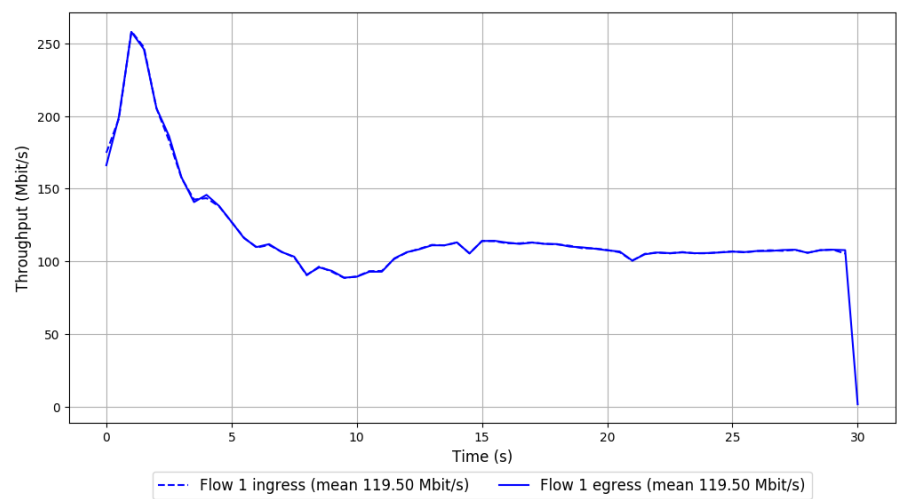


Run 7: Statistics of Copa

Start at: 2018-03-20 18:25:02
End at: 2018-03-20 18:25:32
Local clock offset: 1.313 ms
Remote clock offset: -2.992 ms

Below is generated by plot.py at 2018-03-20 22:58:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 119.50 Mbit/s
95th percentile per-packet one-way delay: 18.802 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 119.50 Mbit/s
95th percentile per-packet one-way delay: 18.802 ms
Loss rate: 0.00%

Run 7: Report of Copa — Data Link

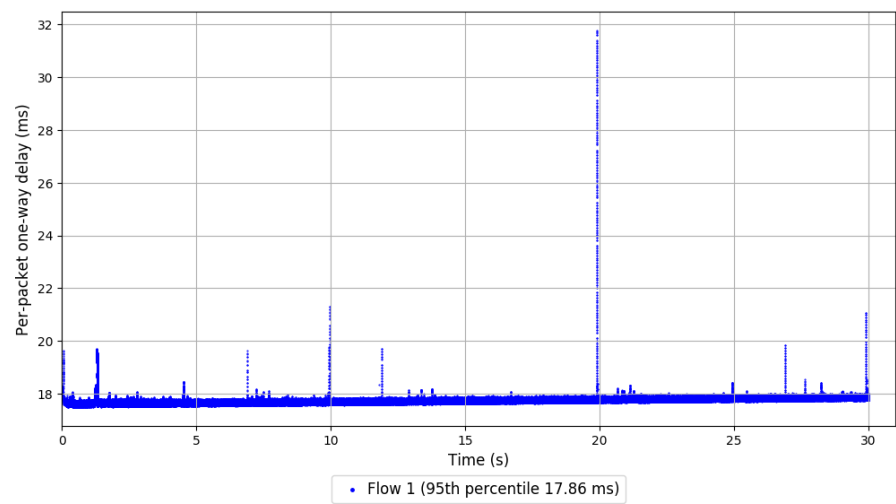
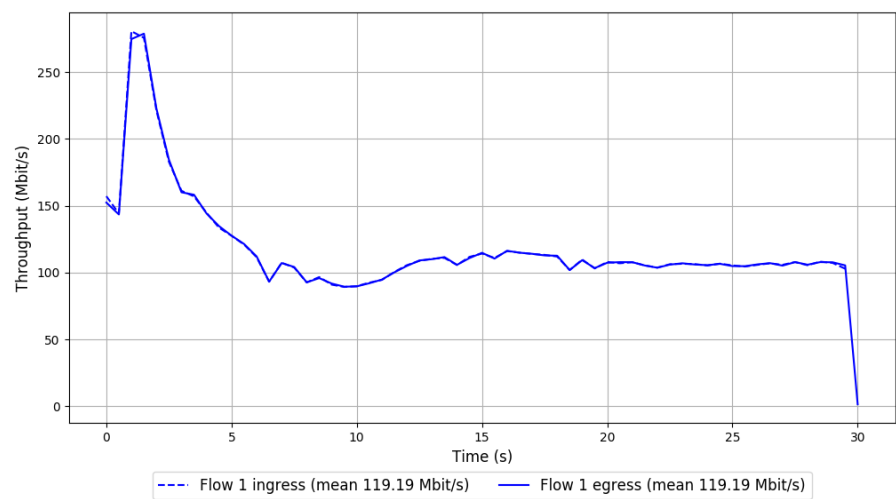


Run 8: Statistics of Copa

Start at: 2018-03-20 18:52:13
End at: 2018-03-20 18:52:43
Local clock offset: 1.492 ms
Remote clock offset: -4.063 ms

Below is generated by plot.py at 2018-03-20 22:58:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 119.19 Mbit/s
95th percentile per-packet one-way delay: 17.860 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 119.19 Mbit/s
95th percentile per-packet one-way delay: 17.860 ms
Loss rate: 0.00%

Run 8: Report of Copa — Data Link

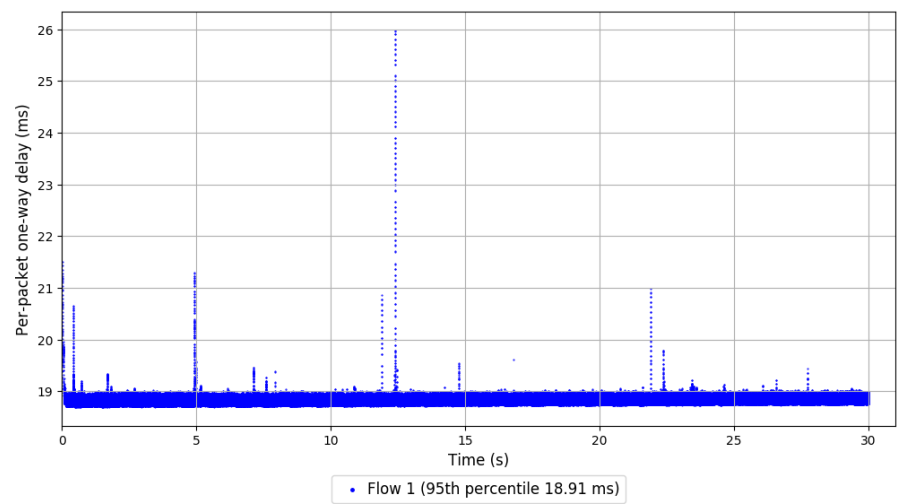
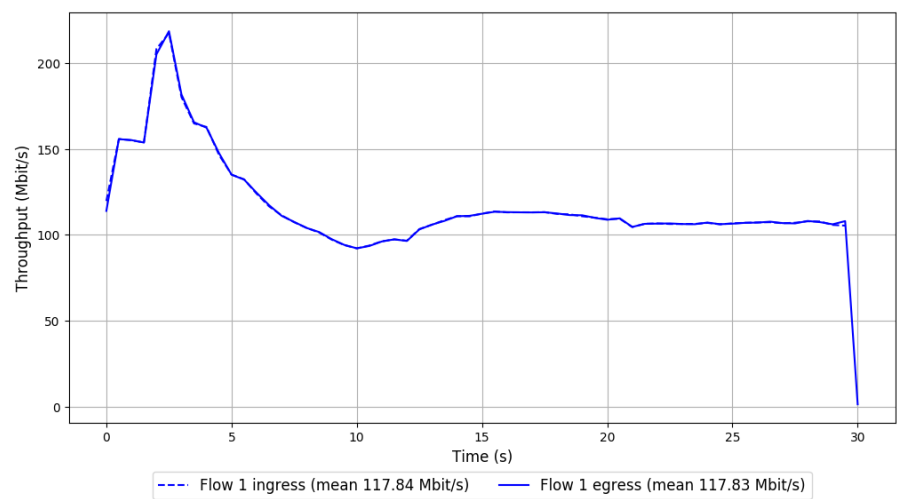


Run 9: Statistics of Copa

Start at: 2018-03-20 19:19:10
End at: 2018-03-20 19:19:40
Local clock offset: 4.317 ms
Remote clock offset: -7.121 ms

Below is generated by plot.py at 2018-03-20 22:59:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 117.83 Mbit/s
95th percentile per-packet one-way delay: 18.915 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 117.83 Mbit/s
95th percentile per-packet one-way delay: 18.915 ms
Loss rate: 0.00%

Run 9: Report of Copa — Data Link

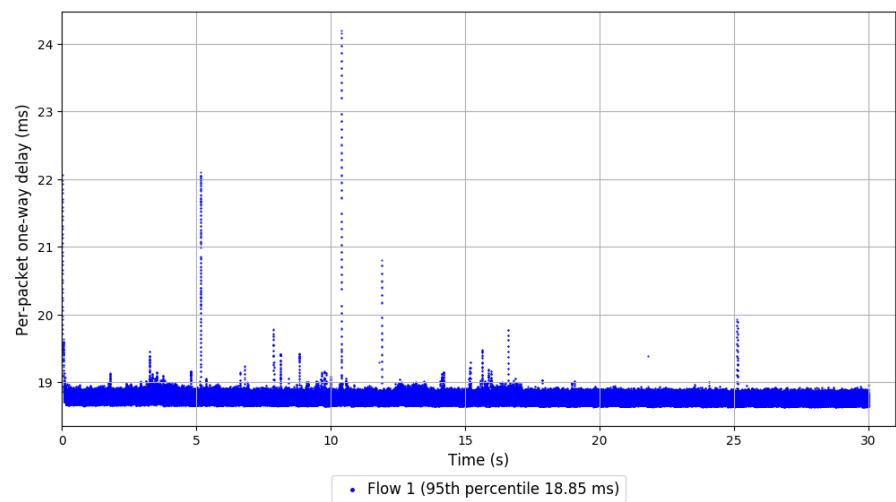
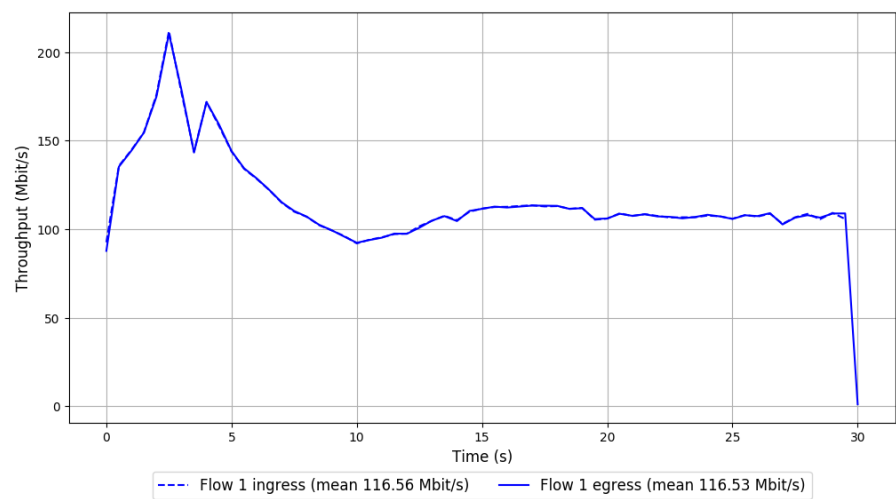


Run 10: Statistics of Copa

Start at: 2018-03-20 19:46:16
End at: 2018-03-20 19:46:46
Local clock offset: -0.132 ms
Remote clock offset: -6.759 ms

Below is generated by plot.py at 2018-03-20 22:59:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 116.53 Mbit/s
95th percentile per-packet one-way delay: 18.847 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 116.53 Mbit/s
95th percentile per-packet one-way delay: 18.847 ms
Loss rate: 0.03%

Run 10: Report of Copa — Data Link

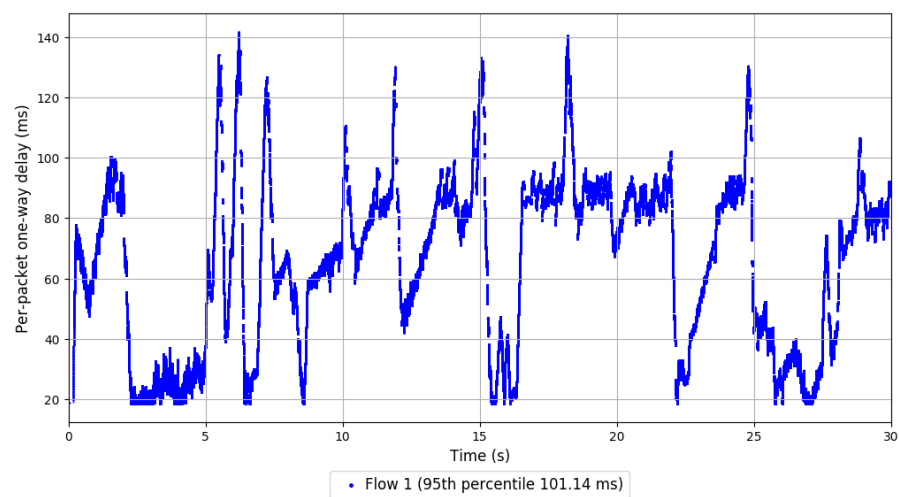
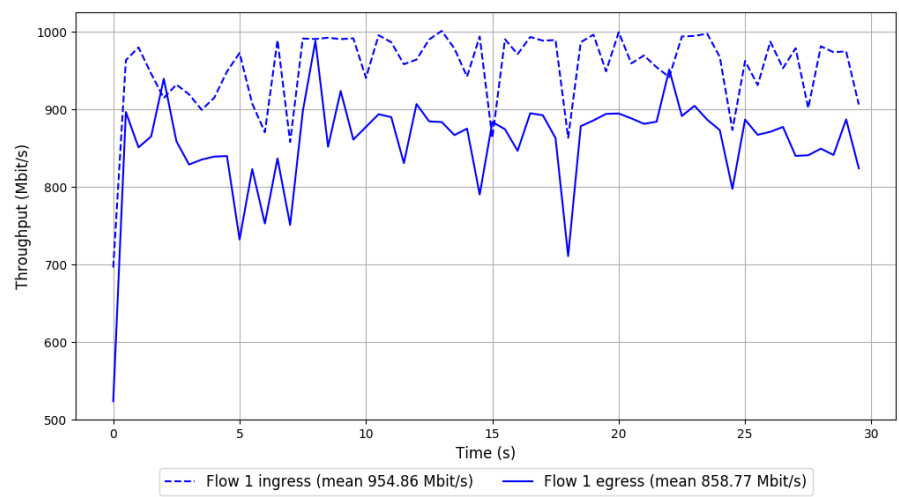


Run 1: Statistics of FillP

Start at: 2018-03-20 15:22:48
End at: 2018-03-20 15:23:18
Local clock offset: -0.261 ms
Remote clock offset: -3.699 ms

Below is generated by plot.py at 2018-03-20 23:11:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 858.77 Mbit/s
95th percentile per-packet one-way delay: 101.142 ms
Loss rate: 10.06%
-- Flow 1:
Average throughput: 858.77 Mbit/s
95th percentile per-packet one-way delay: 101.142 ms
Loss rate: 10.06%

Run 1: Report of FillP — Data Link

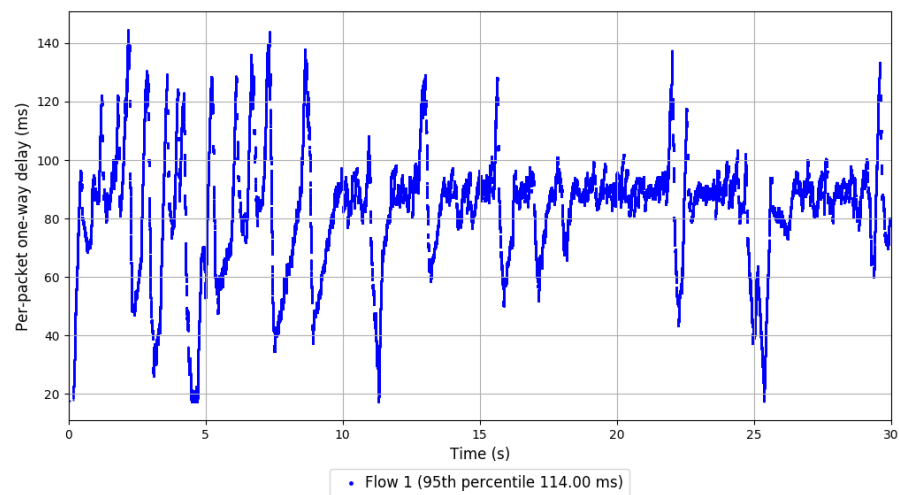
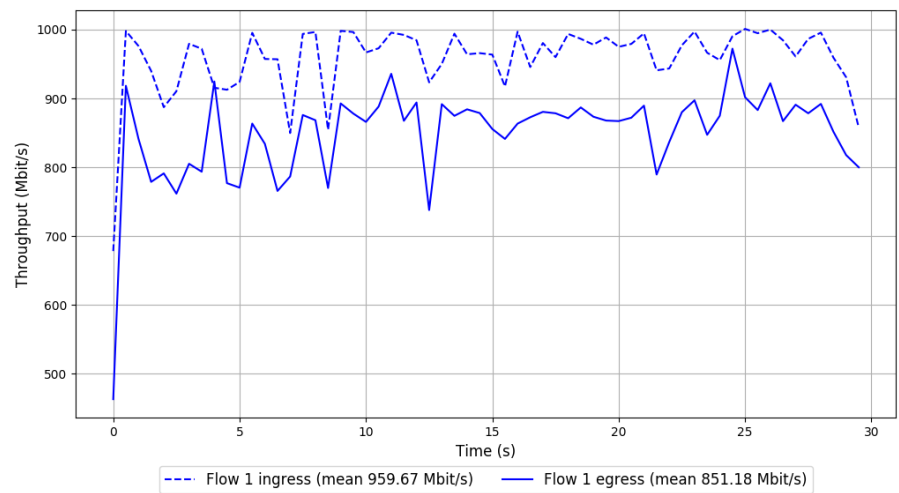


Run 2: Statistics of FillP

Start at: 2018-03-20 15:50:10
End at: 2018-03-20 15:50:40
Local clock offset: -0.155 ms
Remote clock offset: -4.442 ms

Below is generated by plot.py at 2018-03-20 23:11:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 851.18 Mbit/s
95th percentile per-packet one-way delay: 113.999 ms
Loss rate: 11.30%
-- Flow 1:
Average throughput: 851.18 Mbit/s
95th percentile per-packet one-way delay: 113.999 ms
Loss rate: 11.30%

Run 2: Report of FillP — Data Link

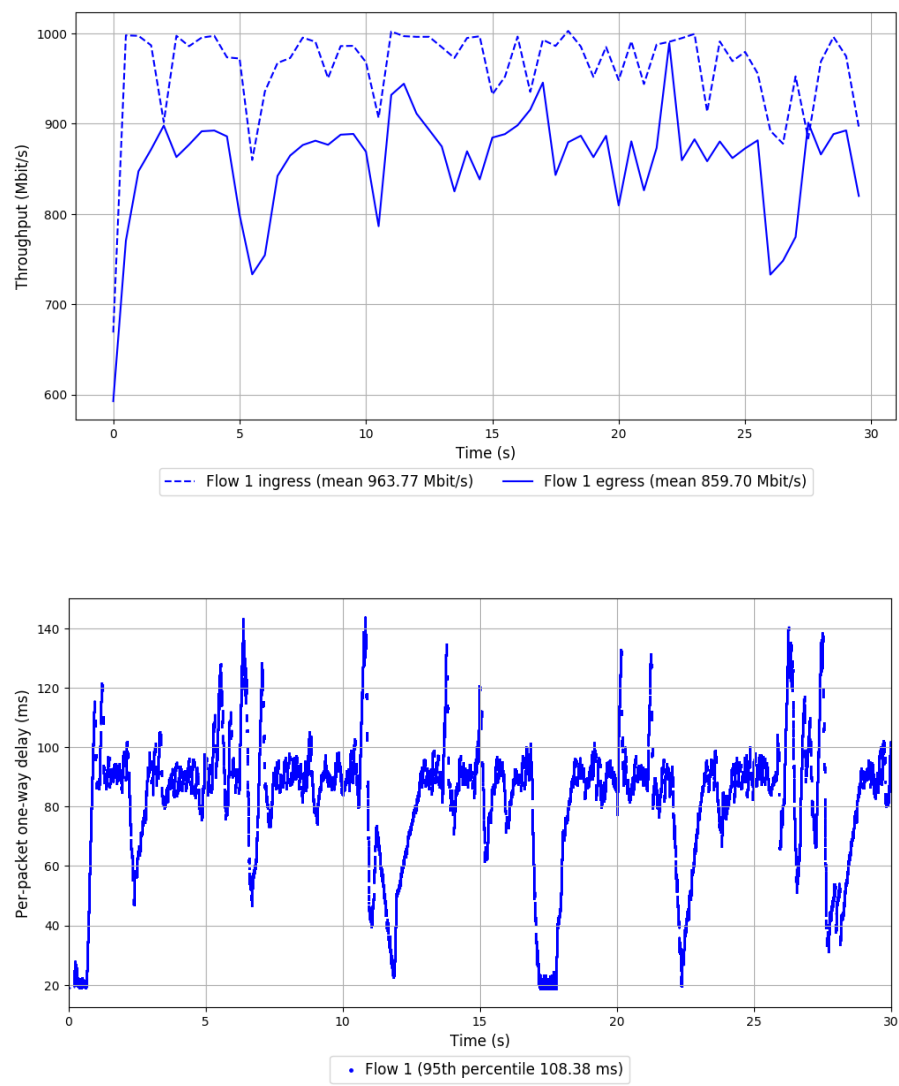


Run 3: Statistics of FillP

Start at: 2018-03-20 16:17:24
End at: 2018-03-20 16:17:54
Local clock offset: -0.34 ms
Remote clock offset: -4.386 ms

Below is generated by plot.py at 2018-03-20 23:11:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 859.70 Mbit/s
95th percentile per-packet one-way delay: 108.379 ms
Loss rate: 10.80%
-- Flow 1:
Average throughput: 859.70 Mbit/s
95th percentile per-packet one-way delay: 108.379 ms
Loss rate: 10.80%

Run 3: Report of FillP — Data Link

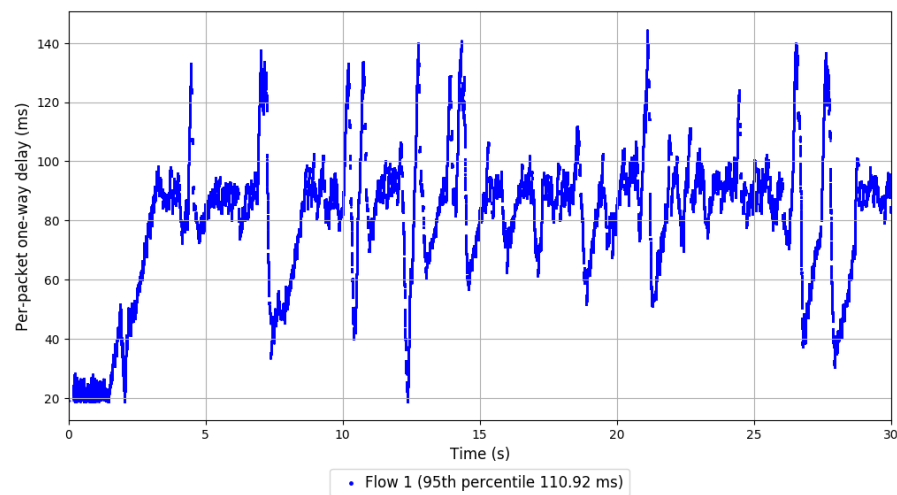
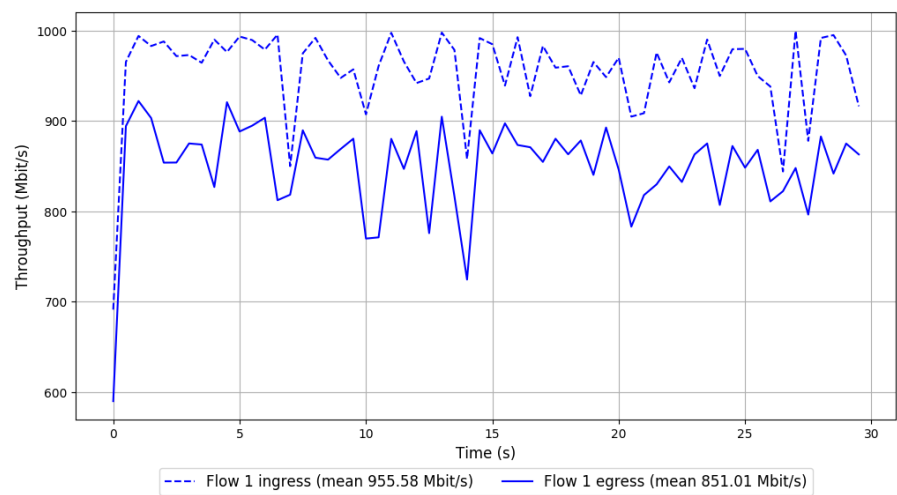


Run 4: Statistics of FillP

Start at: 2018-03-20 16:45:00
End at: 2018-03-20 16:45:30
Local clock offset: 5.531 ms
Remote clock offset: -4.573 ms

Below is generated by plot.py at 2018-03-20 23:12:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 851.01 Mbit/s
95th percentile per-packet one-way delay: 110.919 ms
Loss rate: 10.94%
-- Flow 1:
Average throughput: 851.01 Mbit/s
95th percentile per-packet one-way delay: 110.919 ms
Loss rate: 10.94%

Run 4: Report of FillP — Data Link

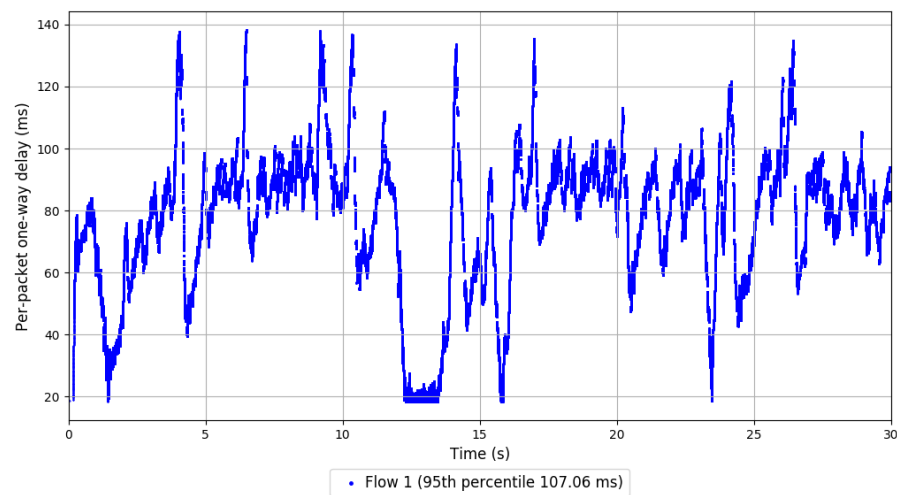
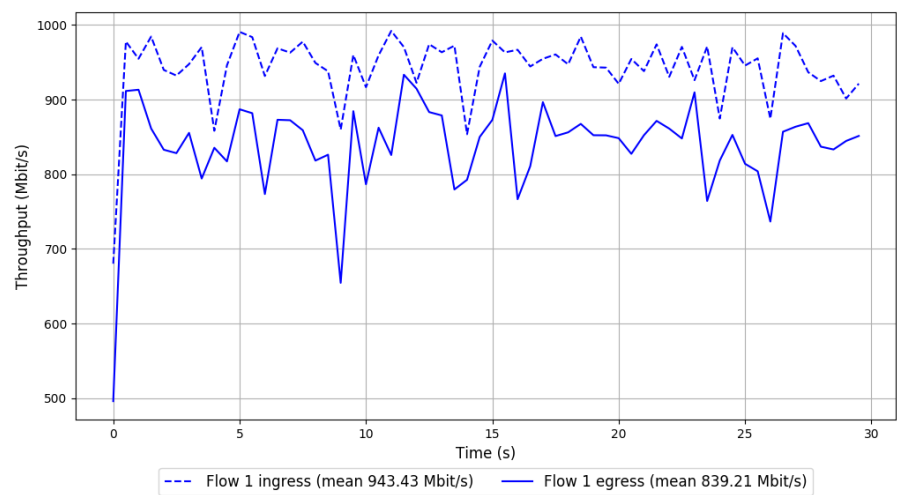


Run 5: Statistics of FillP

Start at: 2018-03-20 17:12:18
End at: 2018-03-20 17:12:48
Local clock offset: 4.351 ms
Remote clock offset: -4.921 ms

Below is generated by plot.py at 2018-03-20 23:12:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 839.21 Mbit/s
95th percentile per-packet one-way delay: 107.065 ms
Loss rate: 11.04%
-- Flow 1:
Average throughput: 839.21 Mbit/s
95th percentile per-packet one-way delay: 107.065 ms
Loss rate: 11.04%

Run 5: Report of FillP — Data Link

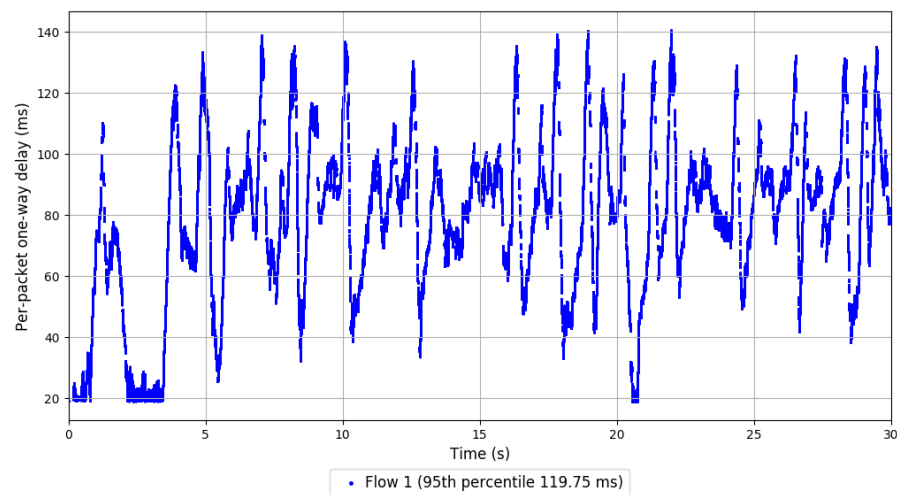
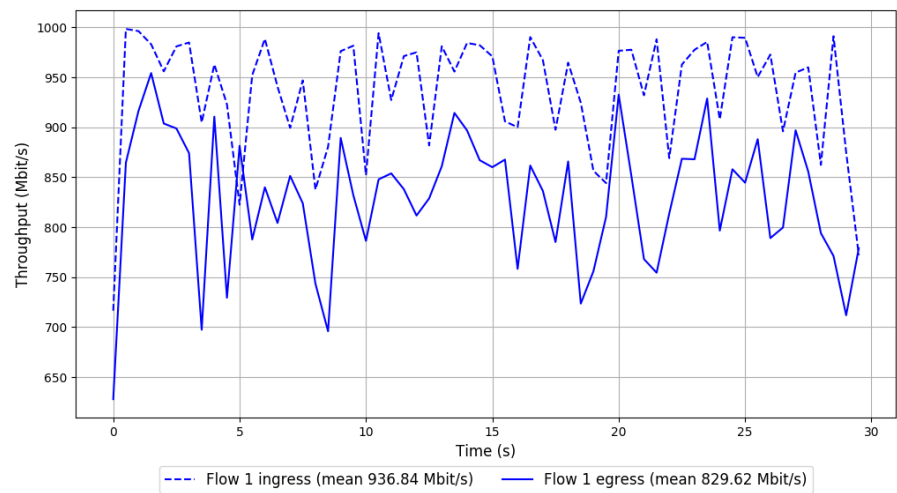


Run 6: Statistics of FillP

Start at: 2018-03-20 17:39:22
End at: 2018-03-20 17:39:52
Local clock offset: -0.474 ms
Remote clock offset: -5.258 ms

Below is generated by plot.py at 2018-03-20 23:12:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 829.62 Mbit/s
95th percentile per-packet one-way delay: 119.749 ms
Loss rate: 11.44%
-- Flow 1:
Average throughput: 829.62 Mbit/s
95th percentile per-packet one-way delay: 119.749 ms
Loss rate: 11.44%

Run 6: Report of FillP — Data Link

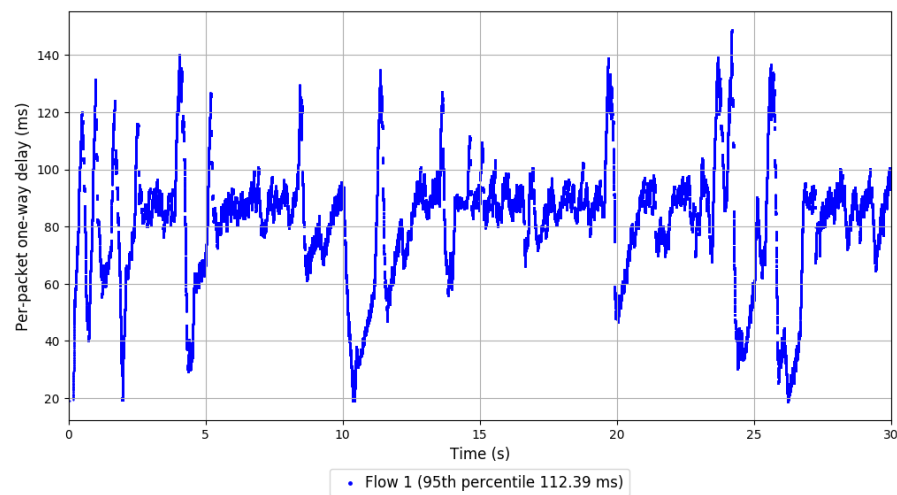
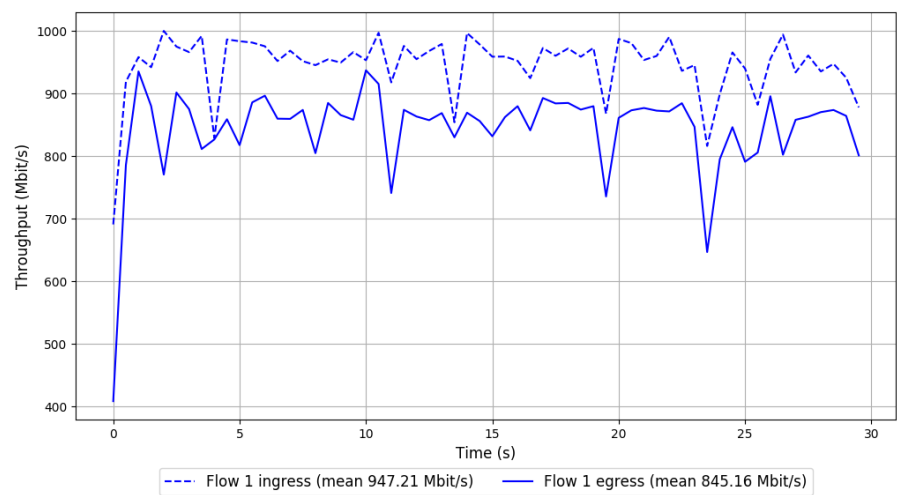


Run 7: Statistics of FillP

Start at: 2018-03-20 18:06:39
End at: 2018-03-20 18:07:09
Local clock offset: 2.596 ms
Remote clock offset: -3.452 ms

Below is generated by plot.py at 2018-03-20 23:12:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 845.16 Mbit/s
95th percentile per-packet one-way delay: 112.385 ms
Loss rate: 10.77%
-- Flow 1:
Average throughput: 845.16 Mbit/s
95th percentile per-packet one-way delay: 112.385 ms
Loss rate: 10.77%

Run 7: Report of FillP — Data Link

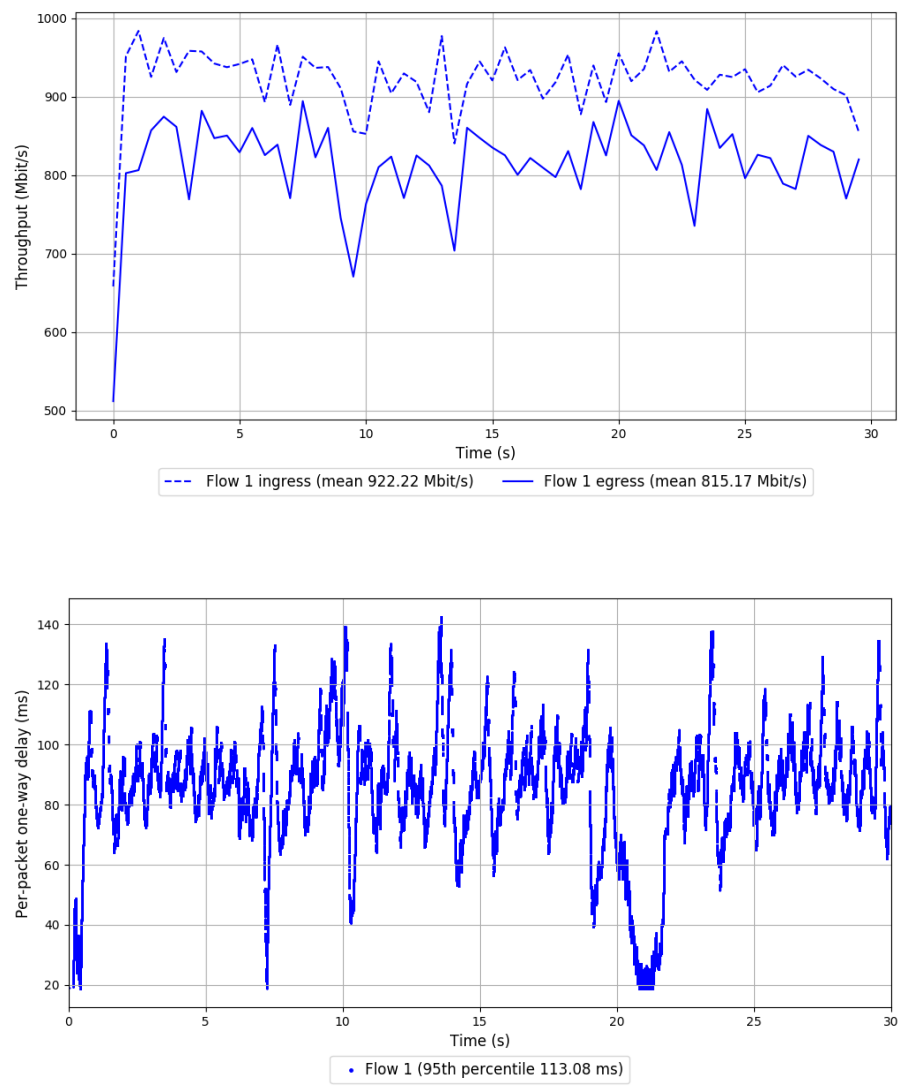


Run 8: Statistics of FillP

Start at: 2018-03-20 18:33:49
End at: 2018-03-20 18:34:19
Local clock offset: 0.816 ms
Remote clock offset: -2.866 ms

Below is generated by plot.py at 2018-03-20 23:13:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 815.17 Mbit/s
95th percentile per-packet one-way delay: 113.085 ms
Loss rate: 11.60%
-- Flow 1:
Average throughput: 815.17 Mbit/s
95th percentile per-packet one-way delay: 113.085 ms
Loss rate: 11.60%

Run 8: Report of FillP — Data Link

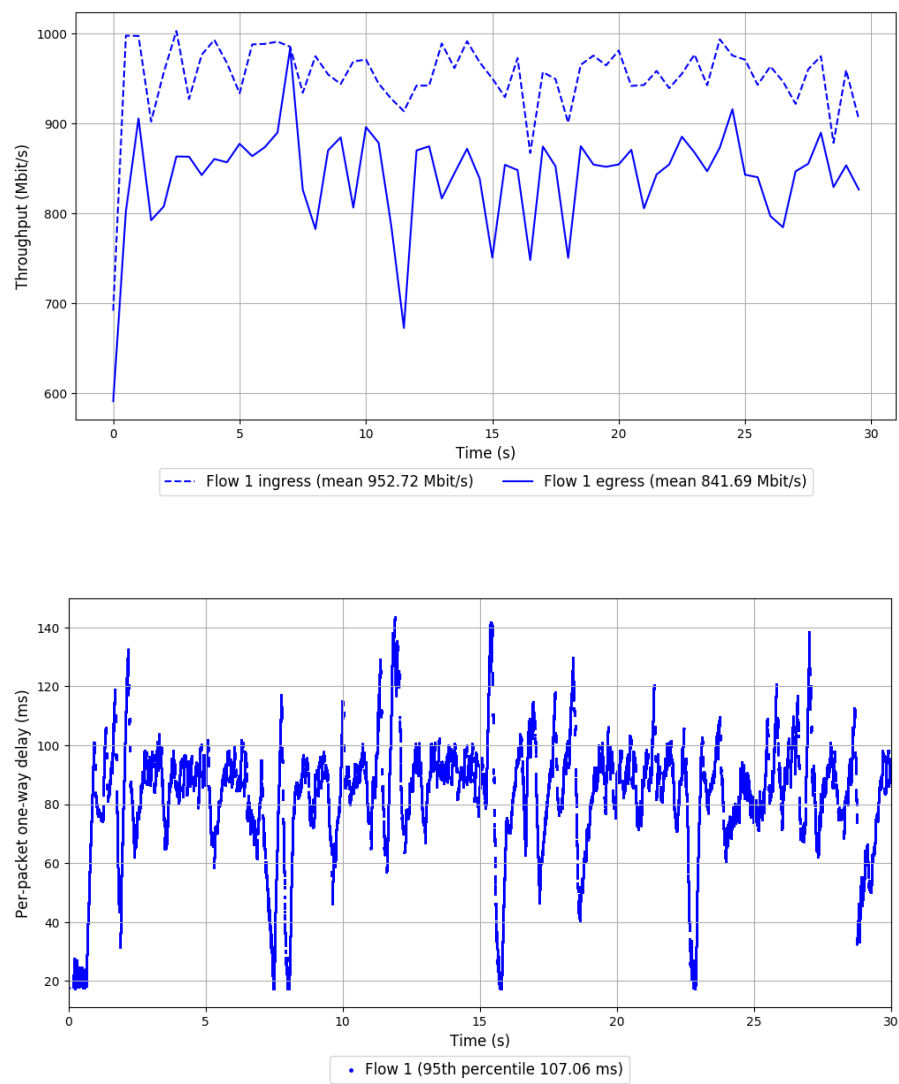


Run 9: Statistics of FillP

Start at: 2018-03-20 19:00:51
End at: 2018-03-20 19:01:21
Local clock offset: 3.107 ms
Remote clock offset: -5.643 ms

Below is generated by plot.py at 2018-03-20 23:24:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 841.69 Mbit/s
95th percentile per-packet one-way delay: 107.058 ms
Loss rate: 11.65%
-- Flow 1:
Average throughput: 841.69 Mbit/s
95th percentile per-packet one-way delay: 107.058 ms
Loss rate: 11.65%

Run 9: Report of FillP — Data Link

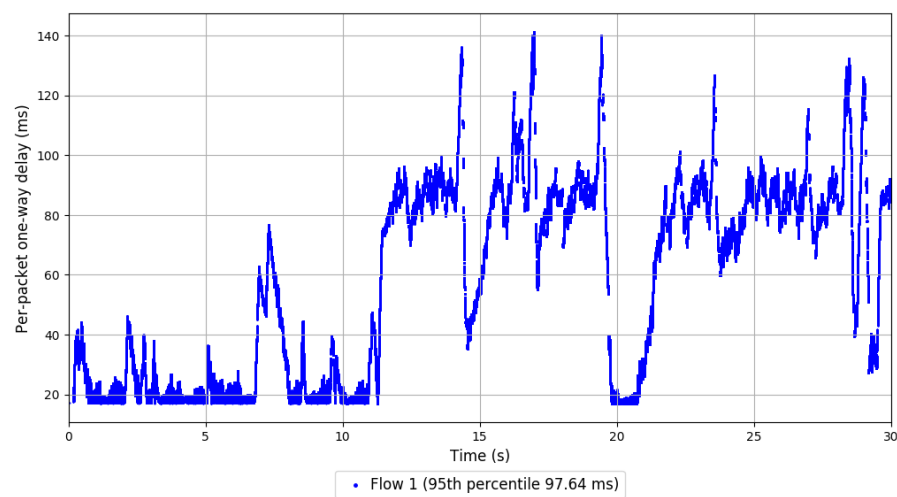
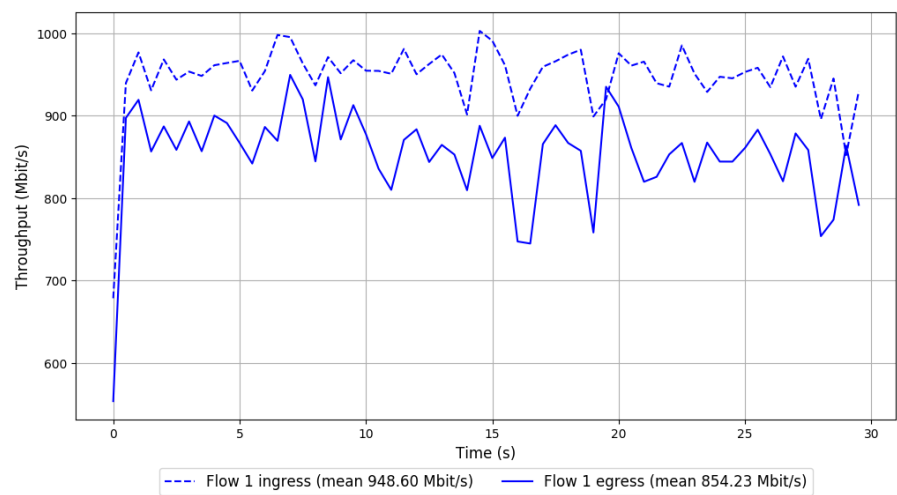


Run 10: Statistics of FillP

Start at: 2018-03-20 19:28:02
End at: 2018-03-20 19:28:32
Local clock offset: 2.49 ms
Remote clock offset: -6.868 ms

Below is generated by plot.py at 2018-03-20 23:25:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 854.23 Mbit/s
95th percentile per-packet one-way delay: 97.639 ms
Loss rate: 9.95%
-- Flow 1:
Average throughput: 854.23 Mbit/s
95th percentile per-packet one-way delay: 97.639 ms
Loss rate: 9.95%

Run 10: Report of FillP — Data Link

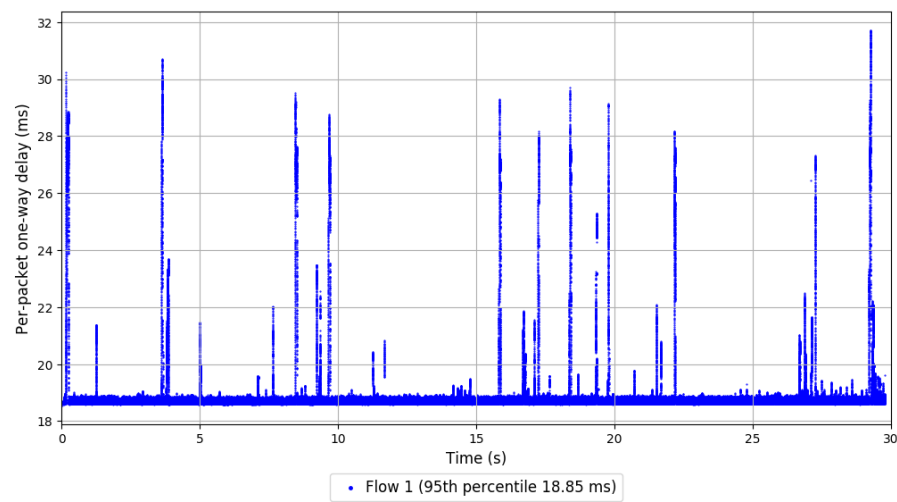
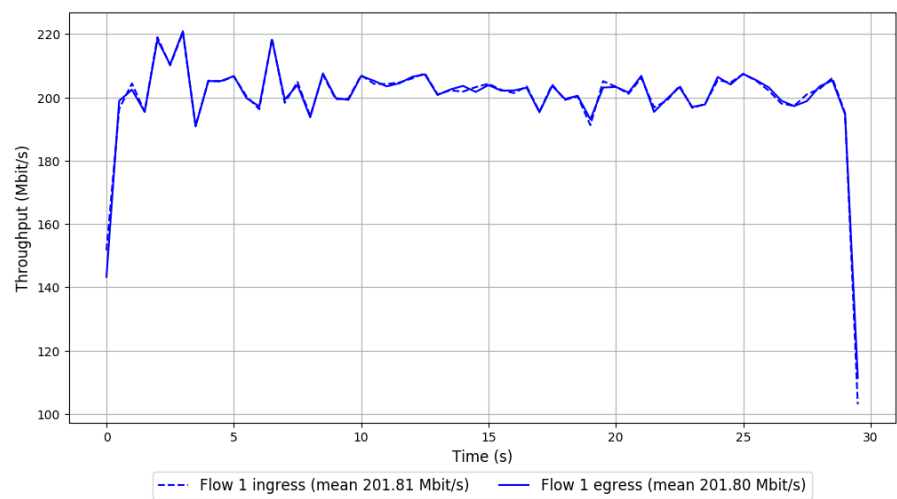


Run 1: Statistics of Indigo-1-32

Start at: 2018-03-20 15:36:46
End at: 2018-03-20 15:37:16
Local clock offset: -0.041 ms
Remote clock offset: -4.389 ms

Below is generated by plot.py at 2018-03-20 23:25:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 201.80 Mbit/s
95th percentile per-packet one-way delay: 18.847 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 201.80 Mbit/s
95th percentile per-packet one-way delay: 18.847 ms
Loss rate: 0.00%

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

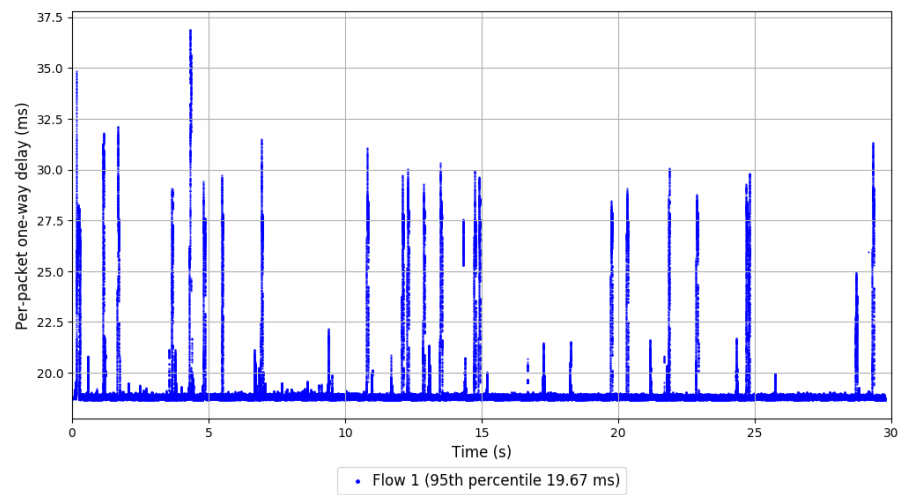
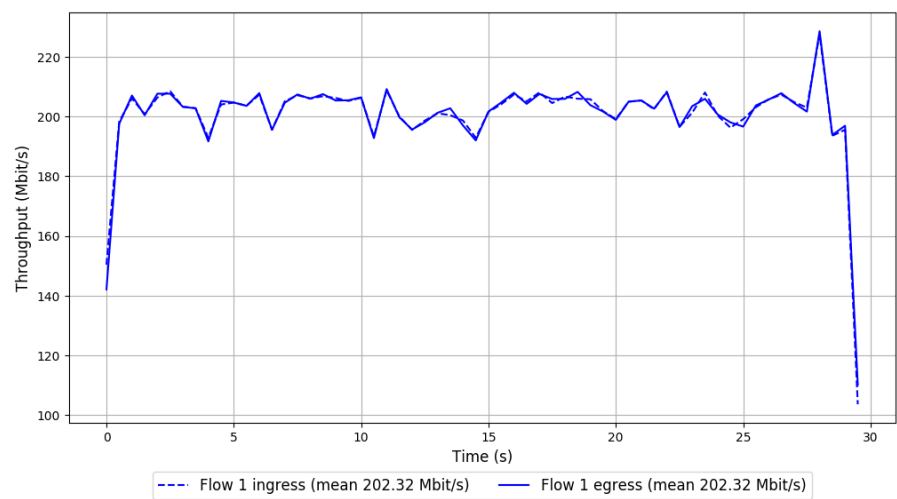


Run 2: Statistics of Indigo-1-32

Start at: 2018-03-20 16:04:01
End at: 2018-03-20 16:04:31
Local clock offset: -0.317 ms
Remote clock offset: -4.498 ms

Below is generated by plot.py at 2018-03-20 23:25:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 202.32 Mbit/s
95th percentile per-packet one-way delay: 19.673 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 202.32 Mbit/s
95th percentile per-packet one-way delay: 19.673 ms
Loss rate: 0.00%

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

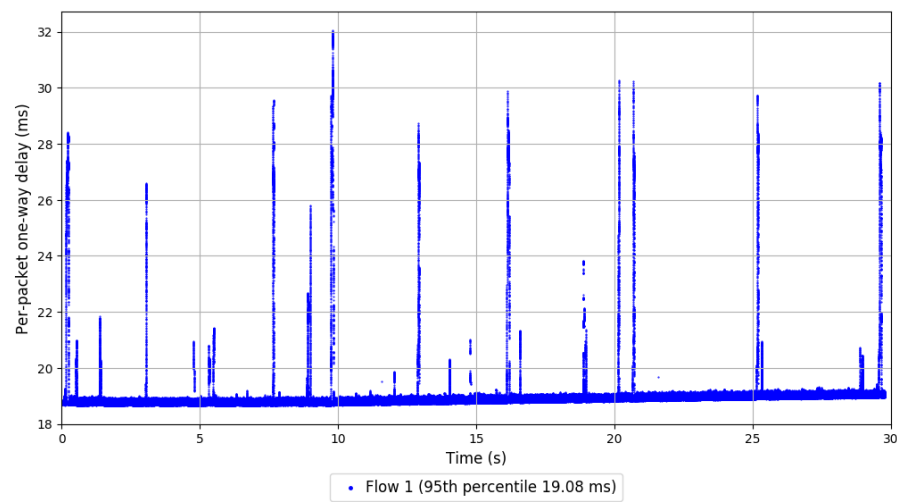
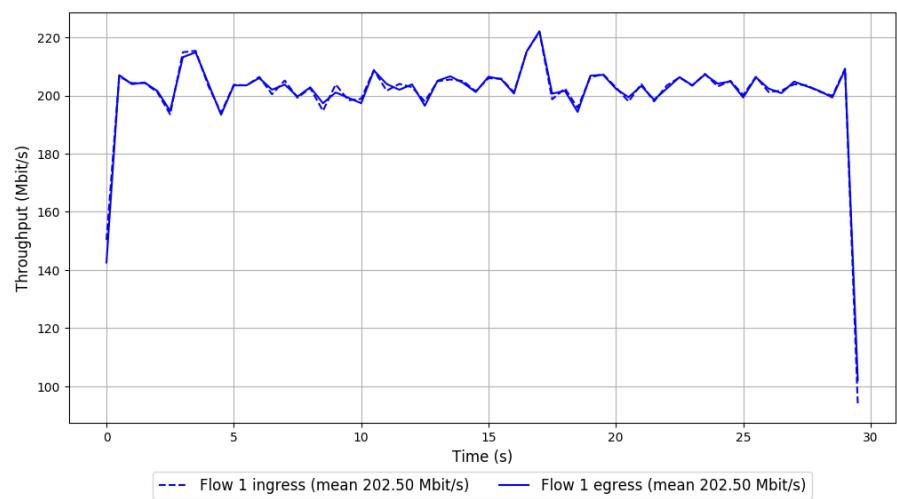


Run 3: Statistics of Indigo-1-32

Start at: 2018-03-20 16:31:26
End at: 2018-03-20 16:31:56
Local clock offset: -0.507 ms
Remote clock offset: -4.385 ms

Below is generated by plot.py at 2018-03-20 23:25:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 202.50 Mbit/s
95th percentile per-packet one-way delay: 19.084 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 202.50 Mbit/s
95th percentile per-packet one-way delay: 19.084 ms
Loss rate: 0.00%

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

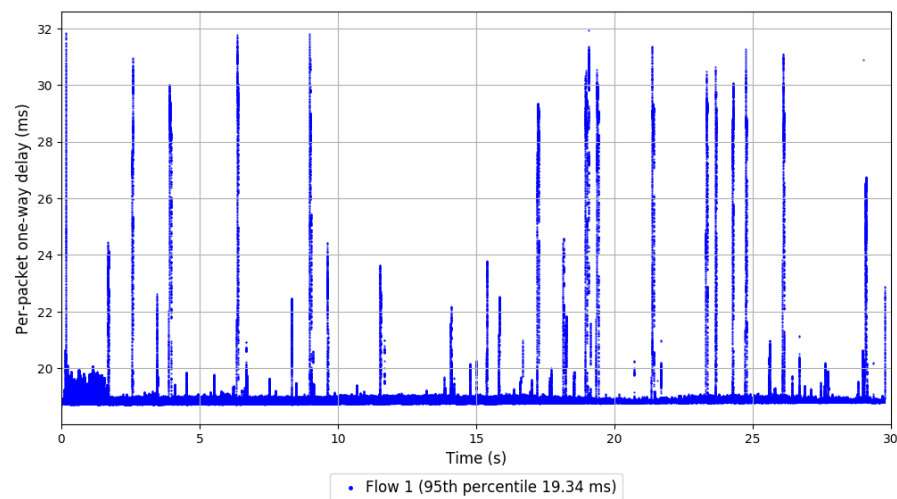
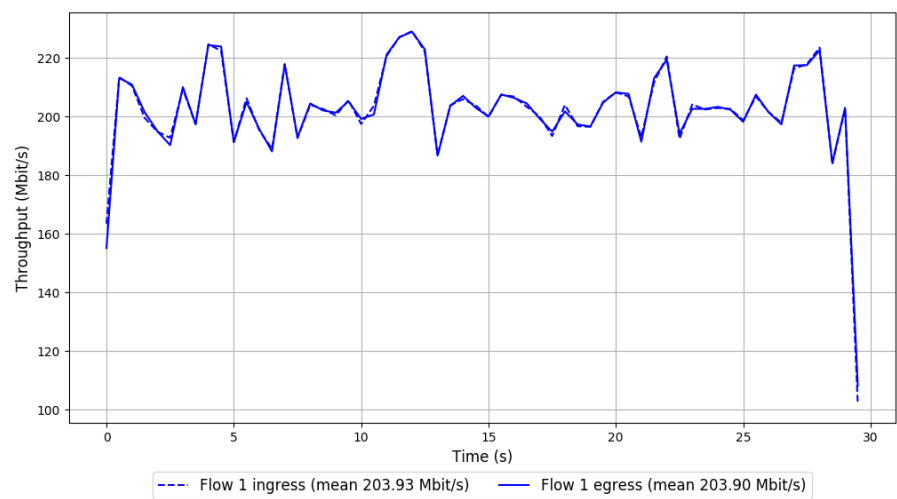


Run 4: Statistics of Indigo-1-32

Start at: 2018-03-20 16:58:55
End at: 2018-03-20 16:59:25
Local clock offset: 7.82 ms
Remote clock offset: -4.515 ms

Below is generated by plot.py at 2018-03-20 23:25:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 203.90 Mbit/s
95th percentile per-packet one-way delay: 19.343 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 203.90 Mbit/s
95th percentile per-packet one-way delay: 19.343 ms
Loss rate: 0.01%

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



Run 5: Statistics of Indigo-1-32

Start at: 2018-03-20 17:26:06

End at: 2018-03-20 17:26:36

Local clock offset: 0.716 ms

Remote clock offset: -5.172 ms

Below is generated by plot.py at 2018-03-20 23:25:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 202.20 Mbit/s

95th percentile per-packet one-way delay: 18.779 ms

Loss rate: 0.00%

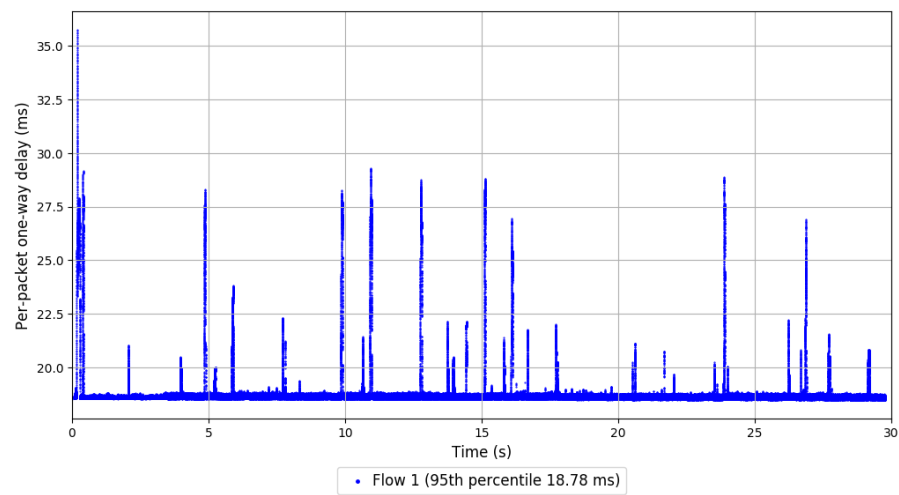
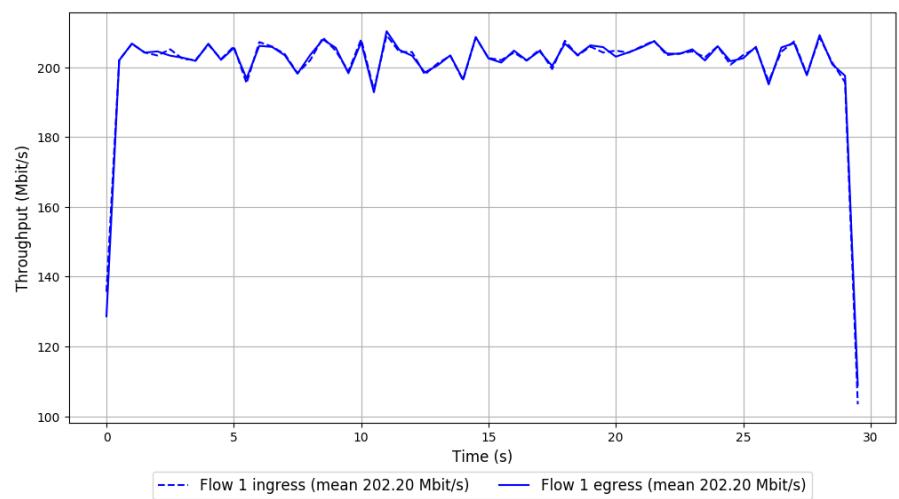
-- Flow 1:

Average throughput: 202.20 Mbit/s

95th percentile per-packet one-way delay: 18.779 ms

Loss rate: 0.00%

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



Run 6: Statistics of Indigo-1-32

Start at: 2018-03-20 17:53:14

End at: 2018-03-20 17:53:44

Local clock offset: 1.931 ms

Remote clock offset: -3.827 ms

Below is generated by plot.py at 2018-03-20 23:25:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 203.03 Mbit/s

95th percentile per-packet one-way delay: 19.043 ms

Loss rate: 0.01%

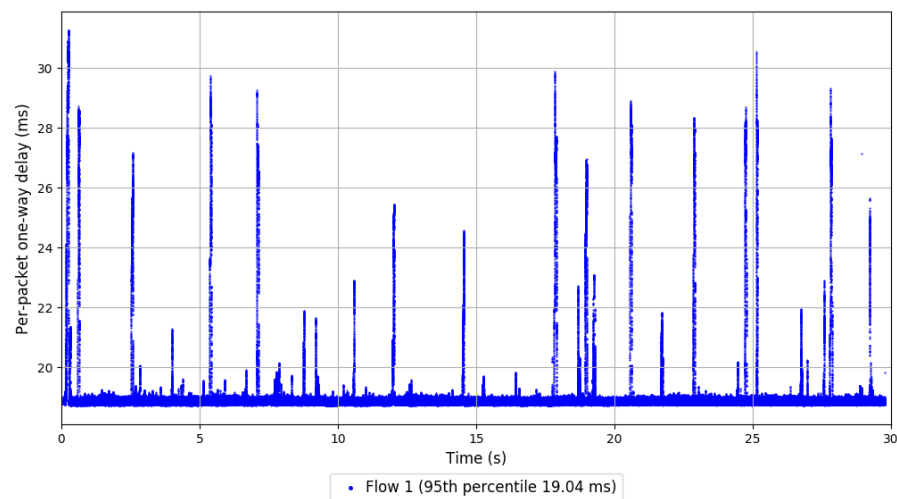
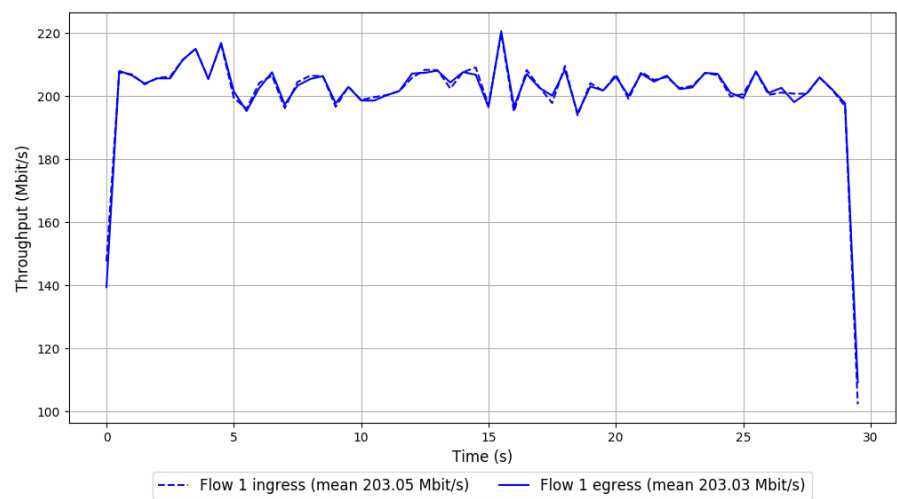
-- Flow 1:

Average throughput: 203.03 Mbit/s

95th percentile per-packet one-way delay: 19.043 ms

Loss rate: 0.01%

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

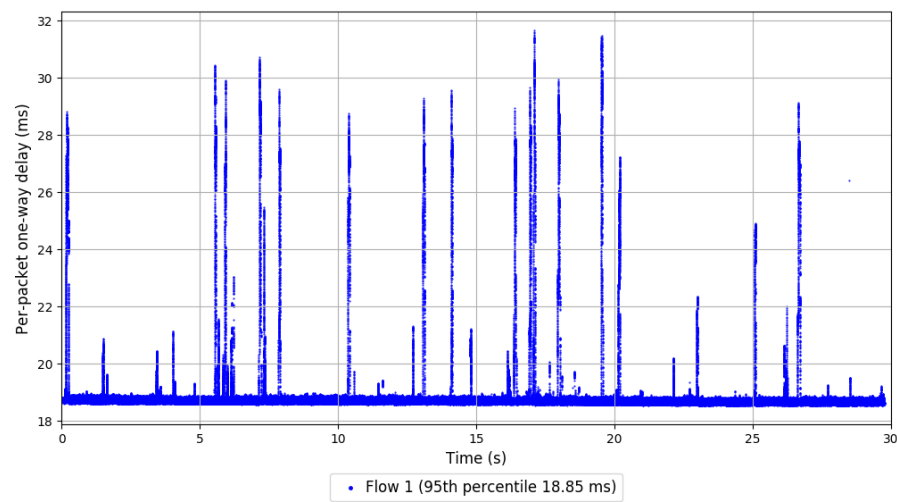
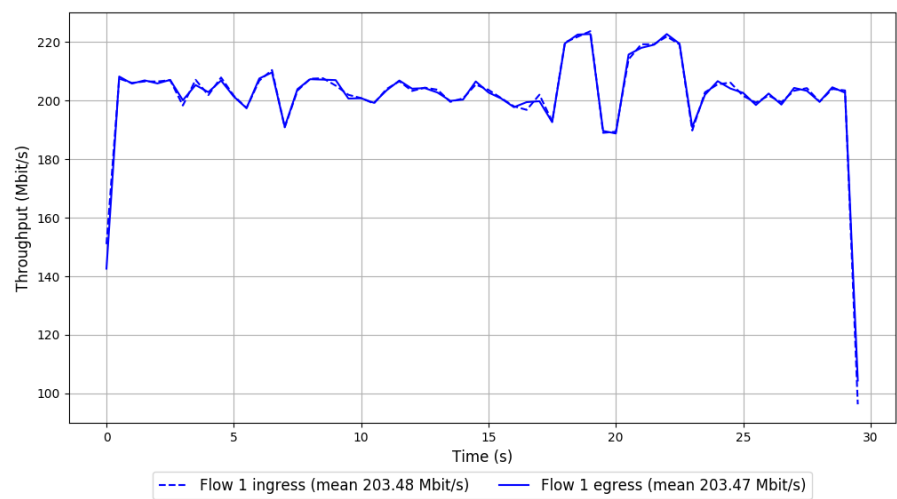


Run 7: Statistics of Indigo-1-32

Start at: 2018-03-20 18:20:27
End at: 2018-03-20 18:20:57
Local clock offset: 1.813 ms
Remote clock offset: -3.075 ms

Below is generated by plot.py at 2018-03-20 23:25:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 203.47 Mbit/s
95th percentile per-packet one-way delay: 18.847 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 203.47 Mbit/s
95th percentile per-packet one-way delay: 18.847 ms
Loss rate: 0.00%

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



Run 8: Statistics of Indigo-1-32

Start at: 2018-03-20 18:47:38

End at: 2018-03-20 18:48:08

Local clock offset: 0.514 ms

Remote clock offset: -2.672 ms

Below is generated by plot.py at 2018-03-20 23:25:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 204.26 Mbit/s

95th percentile per-packet one-way delay: 18.890 ms

Loss rate: 0.00%

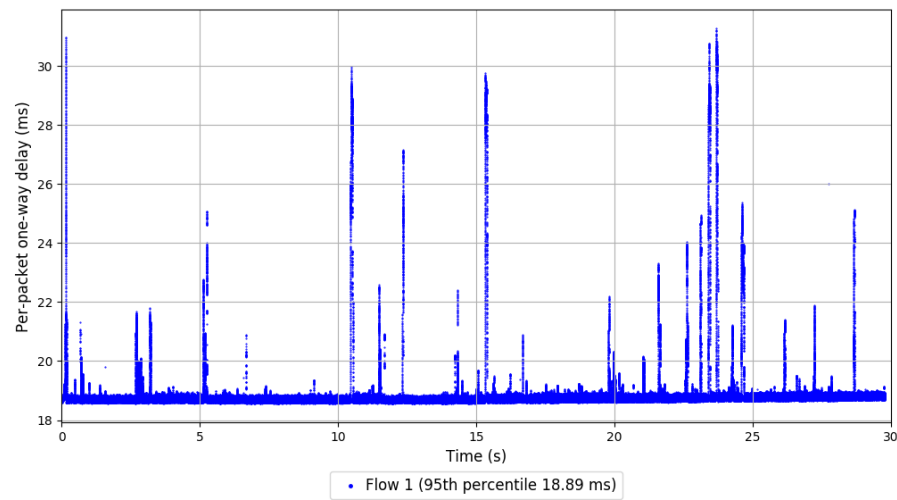
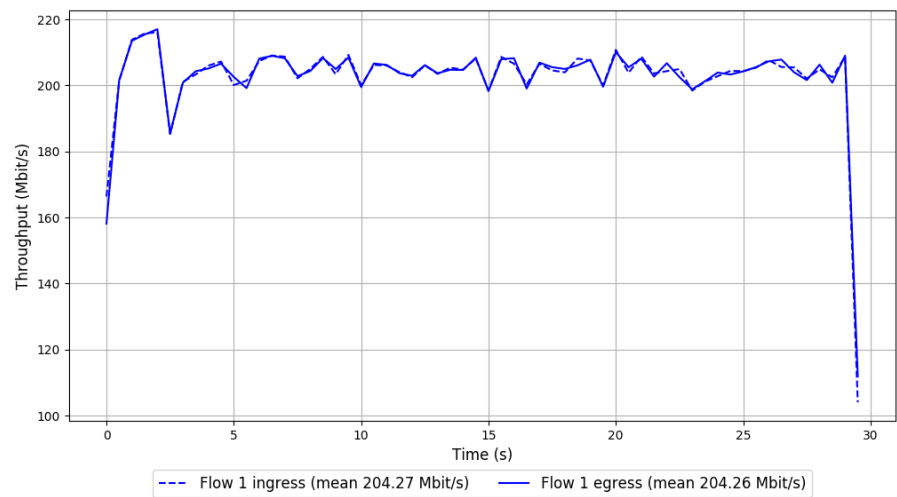
-- Flow 1:

Average throughput: 204.26 Mbit/s

95th percentile per-packet one-way delay: 18.890 ms

Loss rate: 0.00%

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



Run 9: Statistics of Indigo-1-32

Start at: 2018-03-20 19:14:37

End at: 2018-03-20 19:15:07

Local clock offset: 4.153 ms

Remote clock offset: -6.864 ms

Below is generated by plot.py at 2018-03-20 23:25:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 202.71 Mbit/s

95th percentile per-packet one-way delay: 18.956 ms

Loss rate: 0.00%

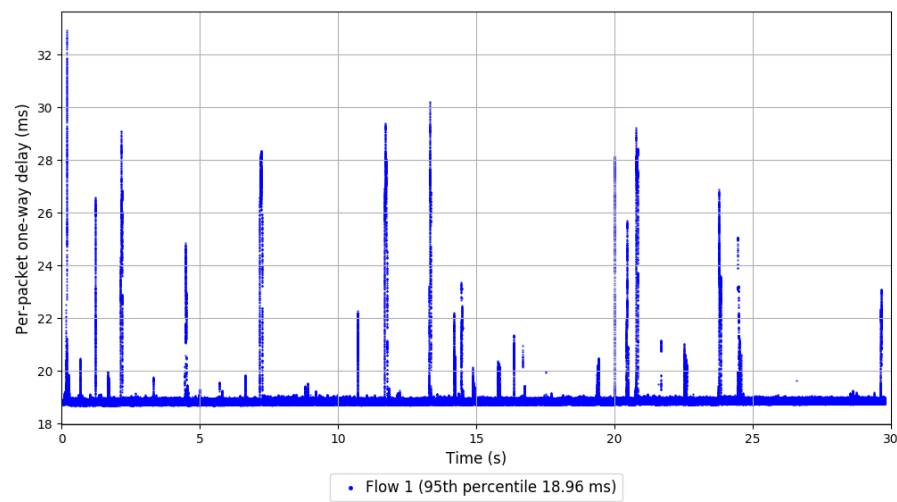
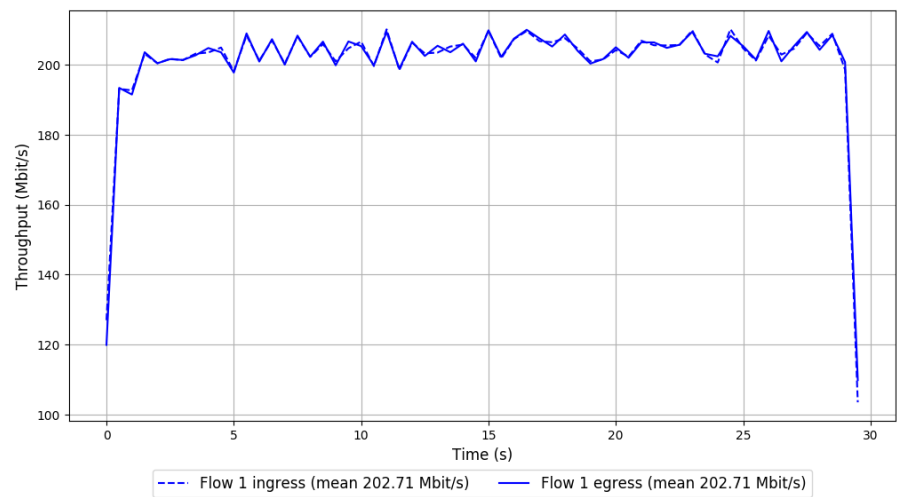
-- Flow 1:

Average throughput: 202.71 Mbit/s

95th percentile per-packet one-way delay: 18.956 ms

Loss rate: 0.00%

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

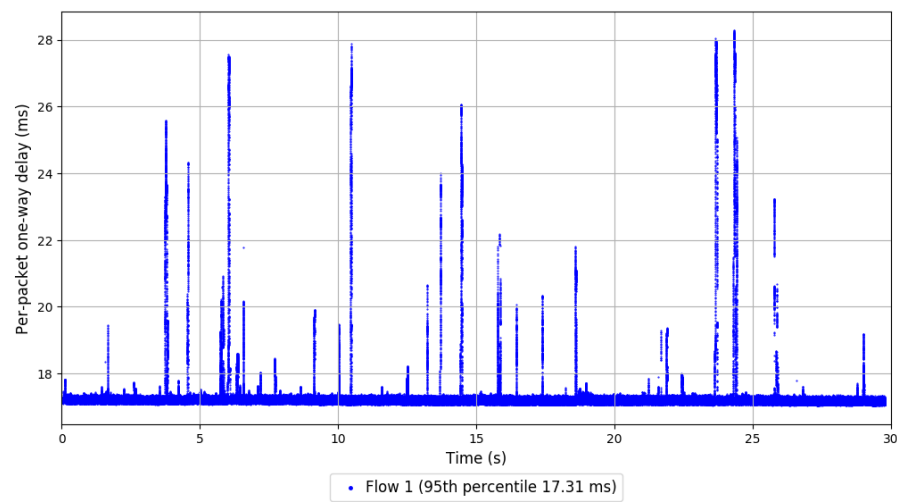
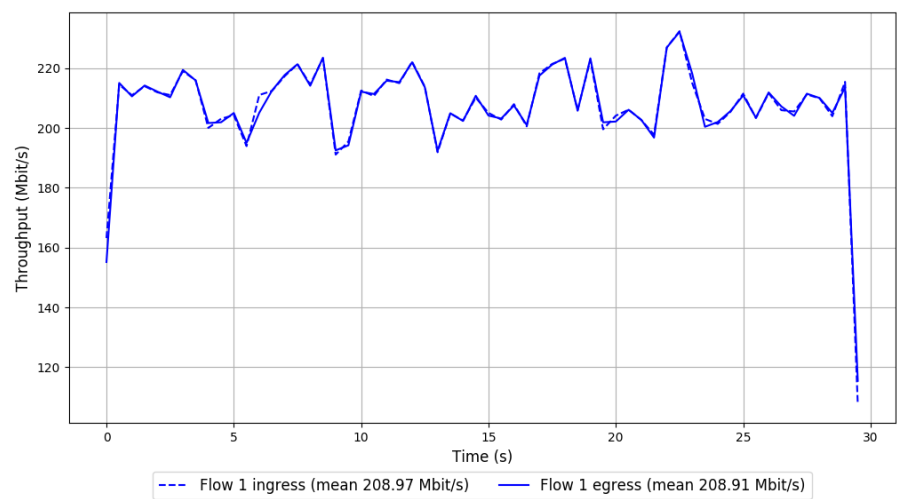


Run 10: Statistics of Indigo-1-32

Start at: 2018-03-20 19:41:46
End at: 2018-03-20 19:42:16
Local clock offset: 0.266 ms
Remote clock offset: -6.731 ms

Below is generated by plot.py at 2018-03-20 23:25:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 208.91 Mbit/s
95th percentile per-packet one-way delay: 17.310 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 208.91 Mbit/s
95th percentile per-packet one-way delay: 17.310 ms
Loss rate: 0.03%

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

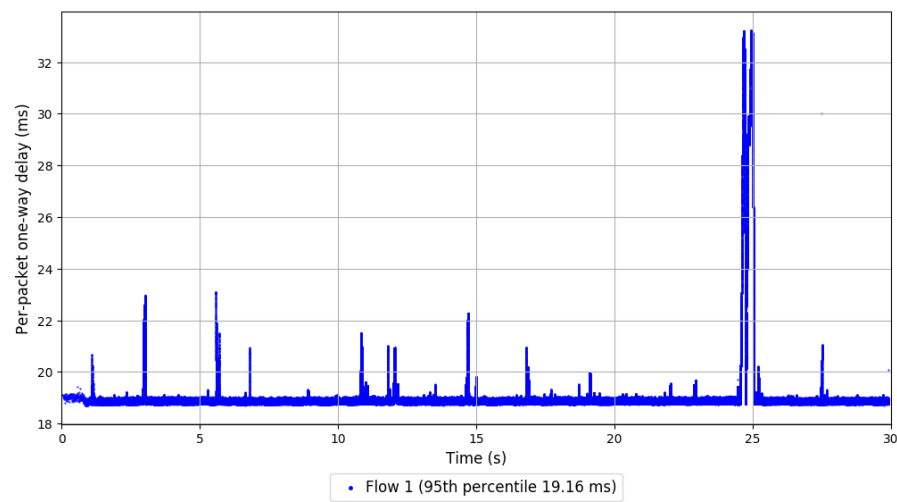
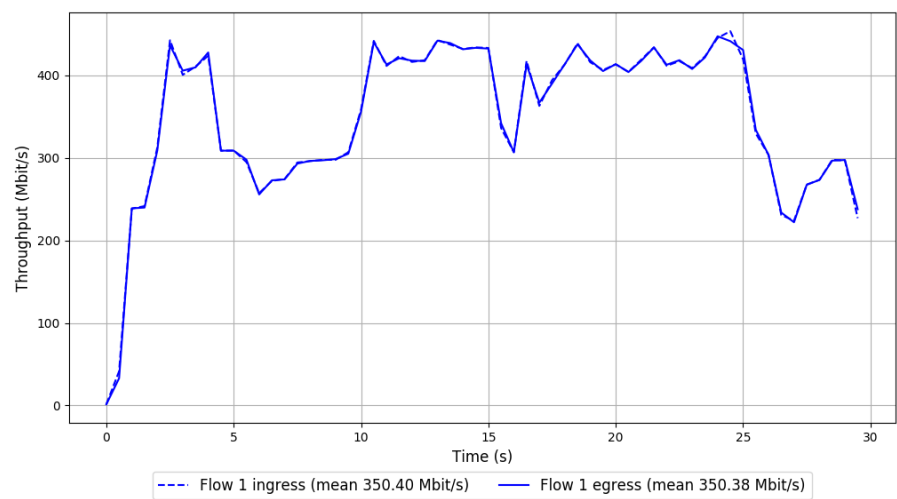


Run 1: Statistics of Vivace-latency

Start at: 2018-03-20 15:39:41
End at: 2018-03-20 15:40:11
Local clock offset: -0.124 ms
Remote clock offset: -4.334 ms

Below is generated by plot.py at 2018-03-20 23:25:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 350.38 Mbit/s
95th percentile per-packet one-way delay: 19.157 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 350.38 Mbit/s
95th percentile per-packet one-way delay: 19.157 ms
Loss rate: 0.00%

Run 1: Report of Vivace-latency — Data Link

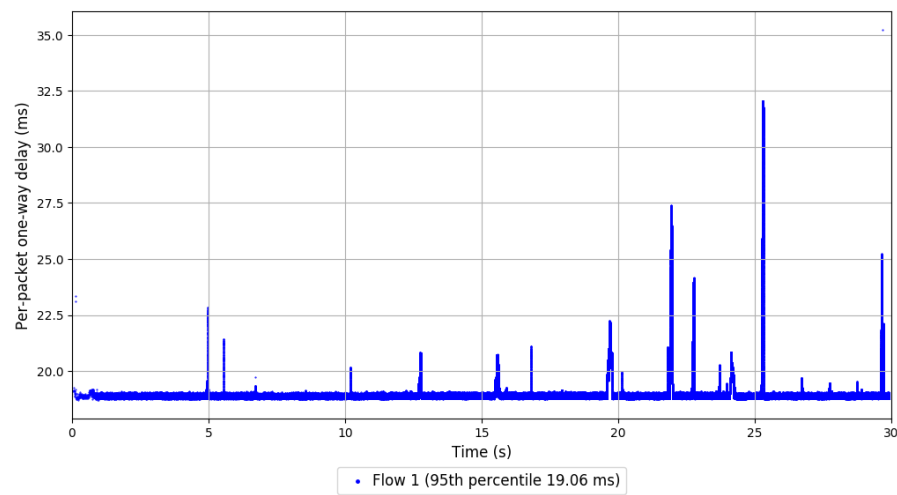
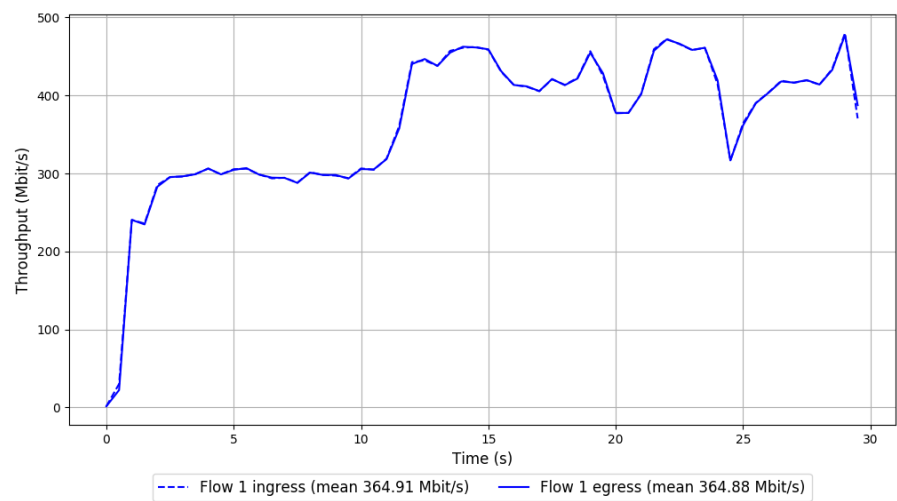


Run 2: Statistics of Vivace-latency

Start at: 2018-03-20 16:06:55
End at: 2018-03-20 16:07:25
Local clock offset: -0.332 ms
Remote clock offset: -4.423 ms

Below is generated by plot.py at 2018-03-20 23:25:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 364.88 Mbit/s
95th percentile per-packet one-way delay: 19.057 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 364.88 Mbit/s
95th percentile per-packet one-way delay: 19.057 ms
Loss rate: 0.01%

Run 2: Report of Vivace-latency — Data Link

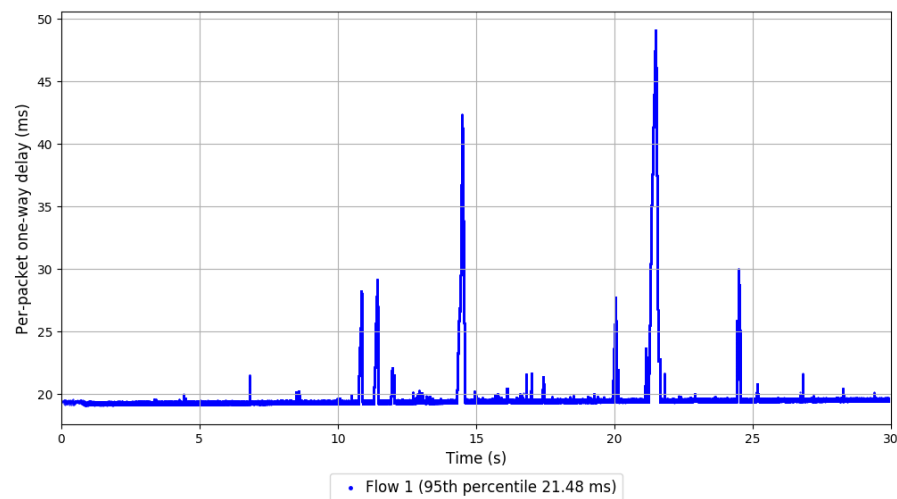
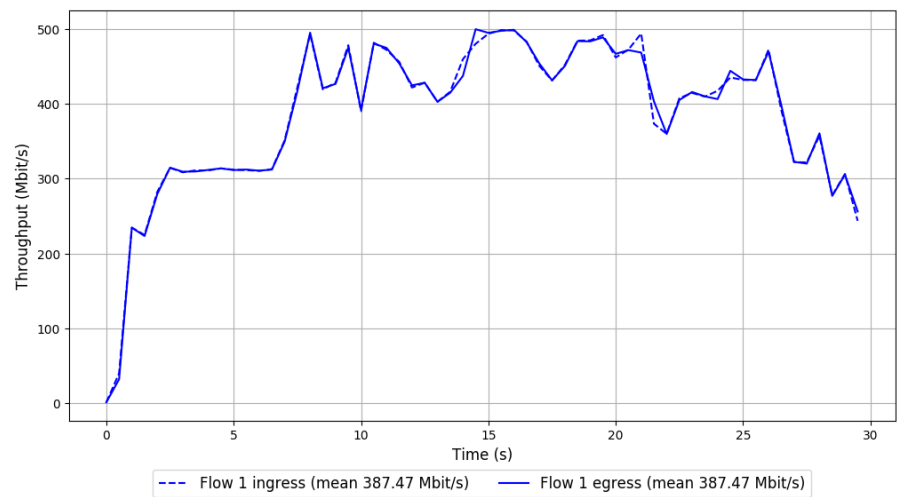


Run 3: Statistics of Vivace-latency

Start at: 2018-03-20 16:34:20
End at: 2018-03-20 16:34:50
Local clock offset: 1.012 ms
Remote clock offset: -4.463 ms

Below is generated by plot.py at 2018-03-20 23:25:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 387.47 Mbit/s
95th percentile per-packet one-way delay: 21.481 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 387.47 Mbit/s
95th percentile per-packet one-way delay: 21.481 ms
Loss rate: 0.00%

Run 3: Report of Vivace-latency — Data Link

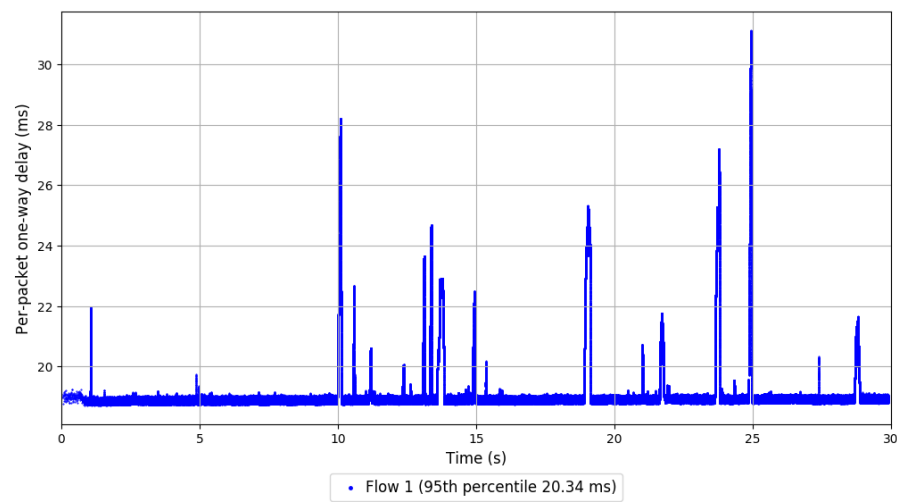
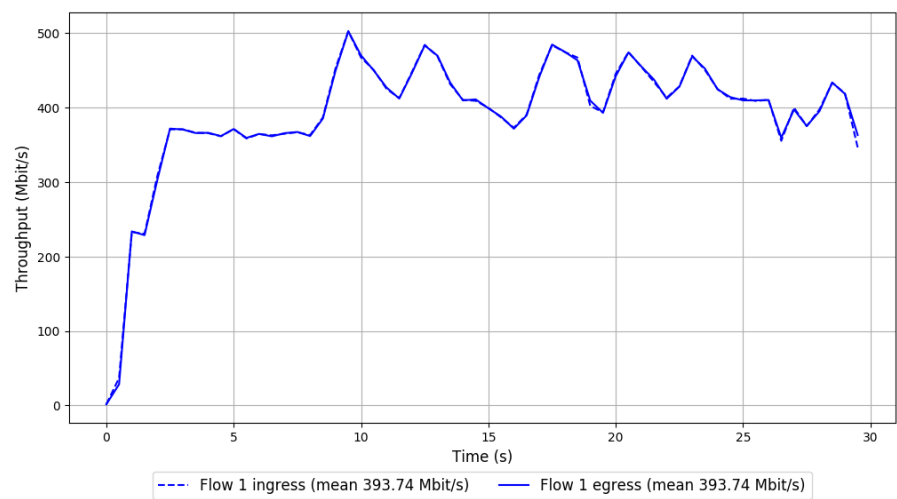


Run 4: Statistics of Vivace-latency

Start at: 2018-03-20 17:01:49
End at: 2018-03-20 17:02:19
Local clock offset: 8.129 ms
Remote clock offset: -4.495 ms

Below is generated by plot.py at 2018-03-20 23:25:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 393.74 Mbit/s
95th percentile per-packet one-way delay: 20.336 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 393.74 Mbit/s
95th percentile per-packet one-way delay: 20.336 ms
Loss rate: 0.00%

Run 4: Report of Vivace-latency — Data Link

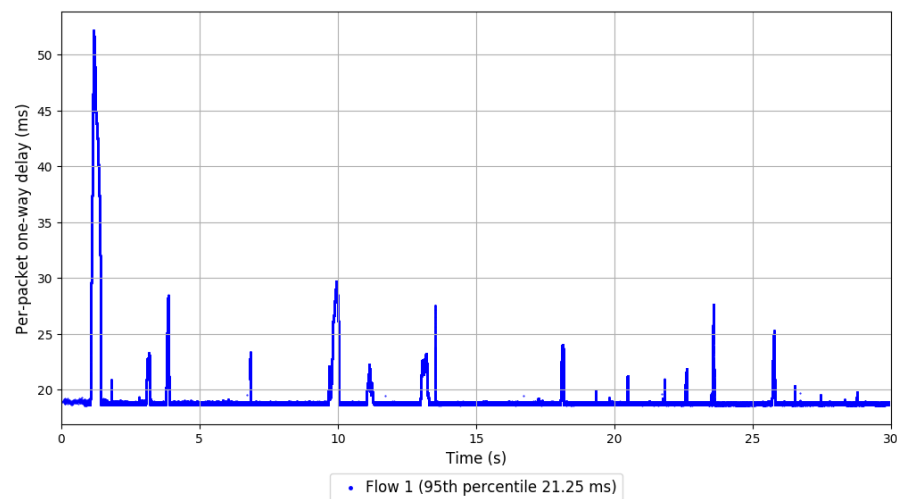
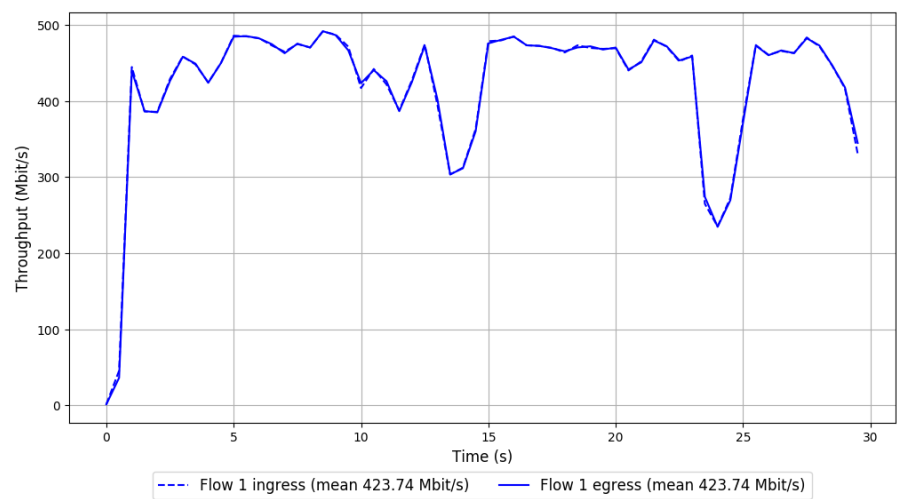


Run 5: Statistics of Vivace-latency

Start at: 2018-03-20 17:29:00
End at: 2018-03-20 17:29:30
Local clock offset: 0.281 ms
Remote clock offset: -5.177 ms

Below is generated by plot.py at 2018-03-20 23:25:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 423.74 Mbit/s
95th percentile per-packet one-way delay: 21.254 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 423.74 Mbit/s
95th percentile per-packet one-way delay: 21.254 ms
Loss rate: 0.01%

Run 5: Report of Vivace-latency — Data Link

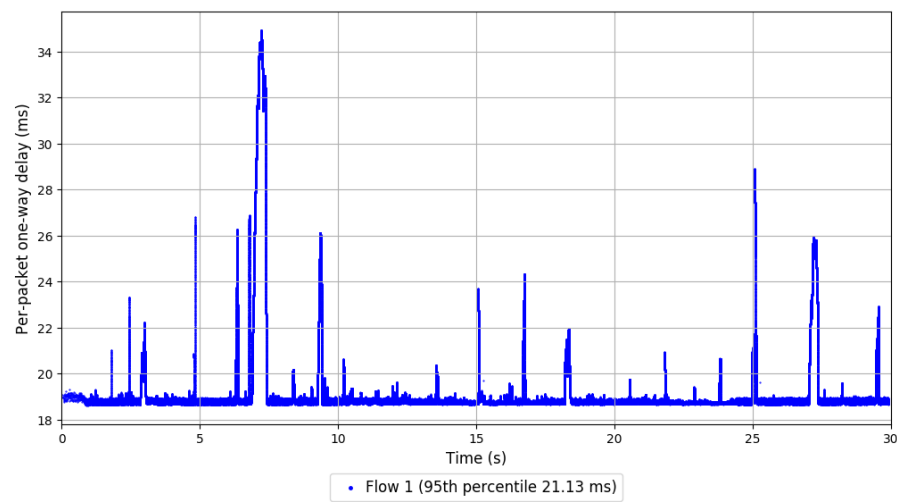
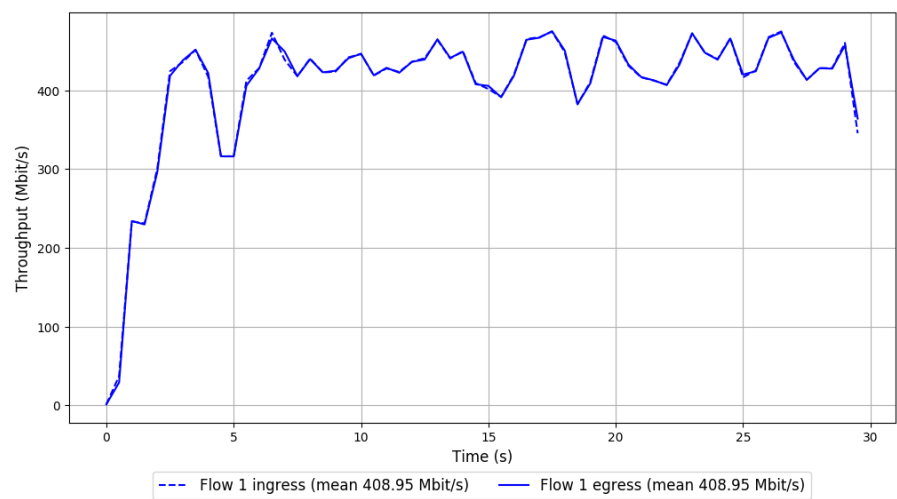


Run 6: Statistics of Vivace-latency

Start at: 2018-03-20 17:56:08
End at: 2018-03-20 17:56:38
Local clock offset: 2.158 ms
Remote clock offset: -3.775 ms

Below is generated by plot.py at 2018-03-20 23:25:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 408.95 Mbit/s
95th percentile per-packet one-way delay: 21.126 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 408.95 Mbit/s
95th percentile per-packet one-way delay: 21.126 ms
Loss rate: 0.00%

Run 6: Report of Vivace-latency — Data Link

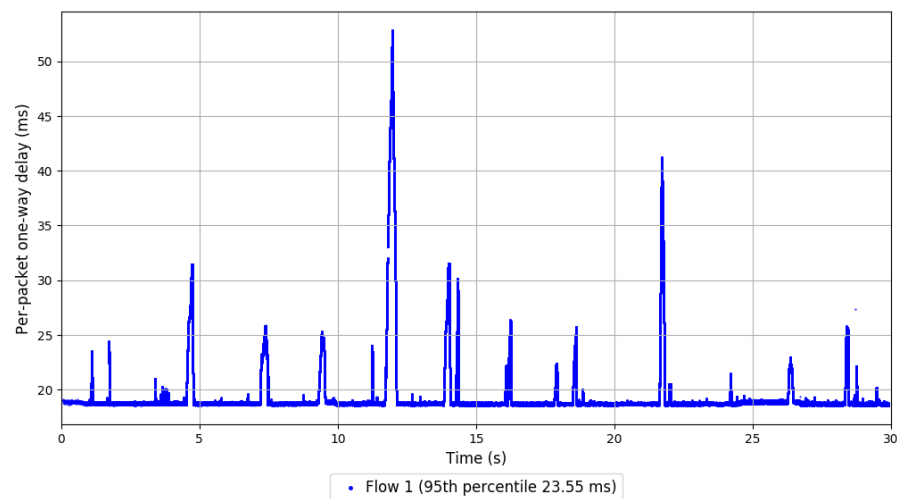
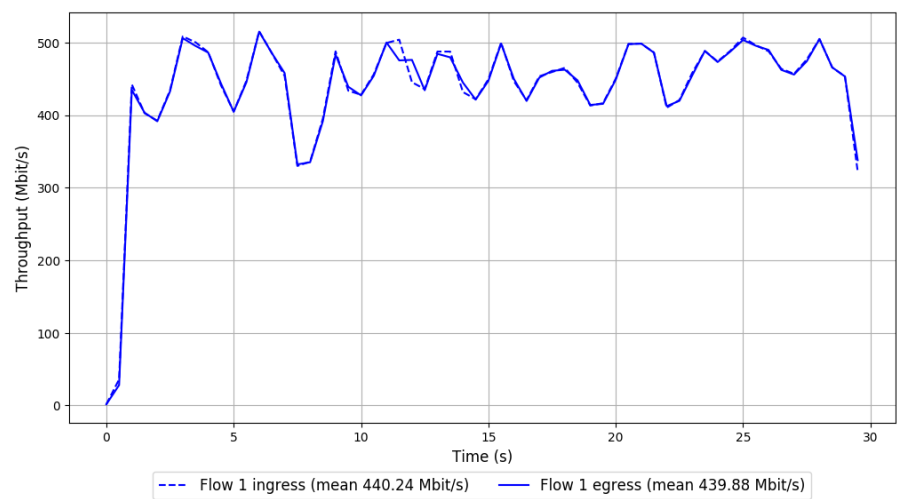


Run 7: Statistics of Vivace-latency

Start at: 2018-03-20 18:23:21
End at: 2018-03-20 18:23:51
Local clock offset: 1.471 ms
Remote clock offset: -3.039 ms

Below is generated by plot.py at 2018-03-20 23:27:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 439.88 Mbit/s
95th percentile per-packet one-way delay: 23.548 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 439.88 Mbit/s
95th percentile per-packet one-way delay: 23.548 ms
Loss rate: 0.08%

Run 7: Report of Vivace-latency — Data Link

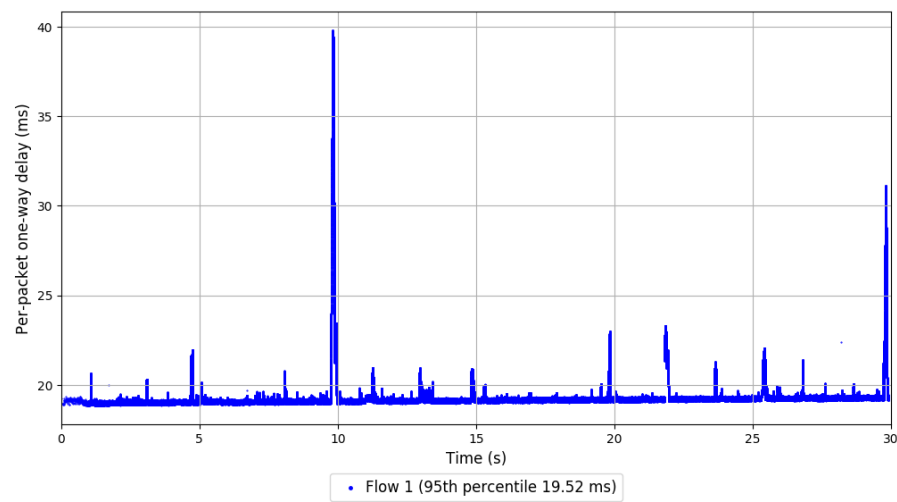
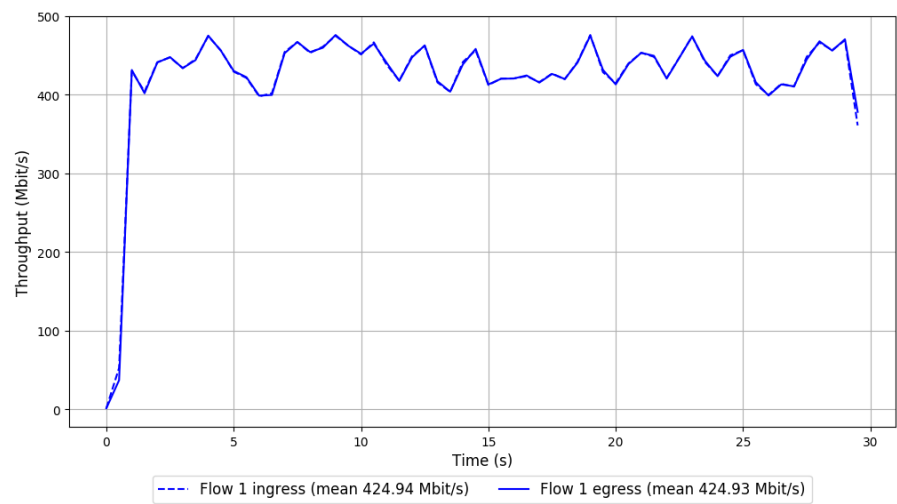


Run 8: Statistics of Vivace-latency

Start at: 2018-03-20 18:50:33
End at: 2018-03-20 18:51:03
Local clock offset: 1.138 ms
Remote clock offset: -3.563 ms

Below is generated by plot.py at 2018-03-20 23:27:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 424.93 Mbit/s
95th percentile per-packet one-way delay: 19.521 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 424.93 Mbit/s
95th percentile per-packet one-way delay: 19.521 ms
Loss rate: 0.00%

Run 8: Report of Vivace-latency — Data Link

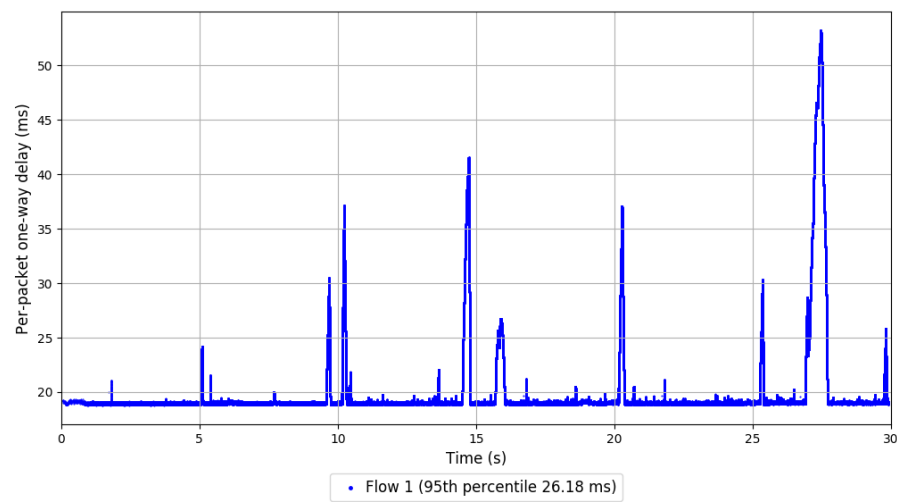
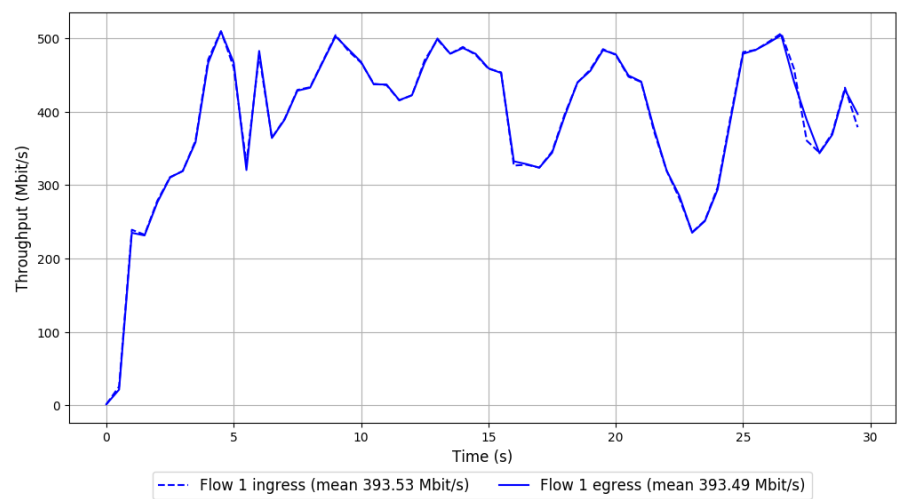


Run 9: Statistics of Vivace-latency

Start at: 2018-03-20 19:17:32
End at: 2018-03-20 19:18:02
Local clock offset: 4.243 ms
Remote clock offset: -6.982 ms

Below is generated by plot.py at 2018-03-20 23:29:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 393.49 Mbit/s
95th percentile per-packet one-way delay: 26.183 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 393.49 Mbit/s
95th percentile per-packet one-way delay: 26.183 ms
Loss rate: 0.01%

Run 9: Report of Vivace-latency — Data Link

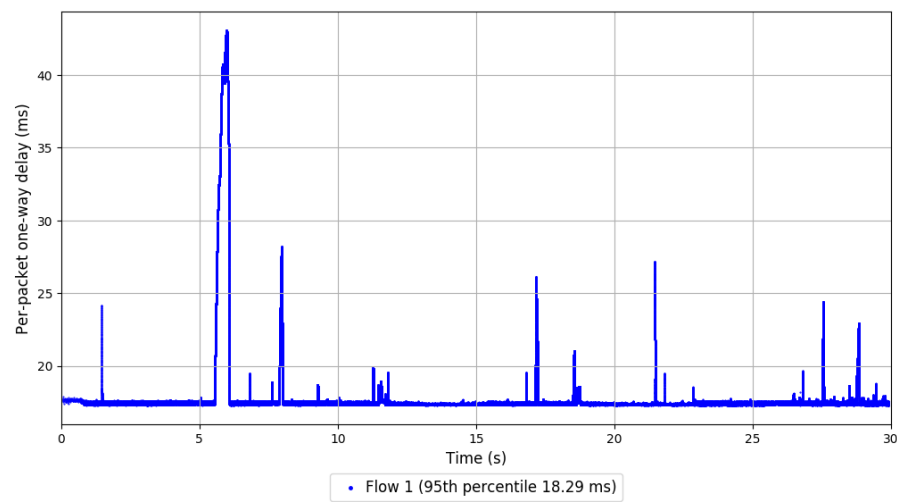
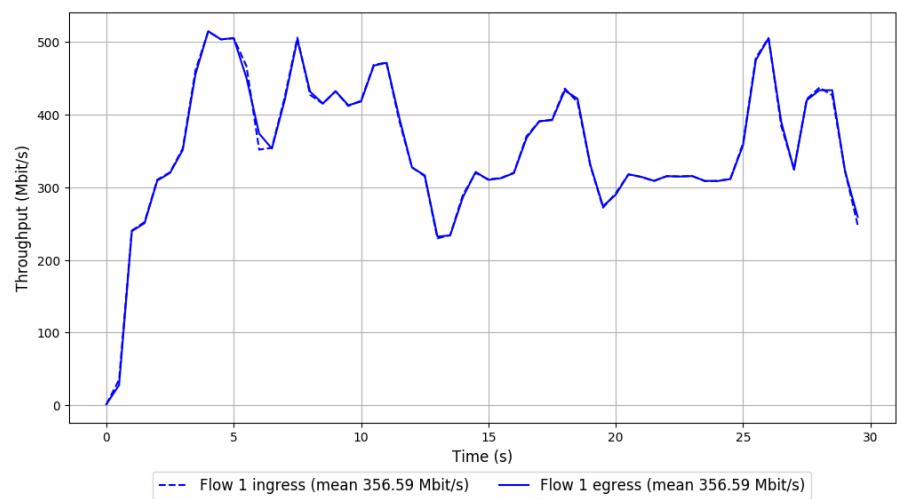


Run 10: Statistics of Vivace-latency

Start at: 2018-03-20 19:44:40
End at: 2018-03-20 19:45:10
Local clock offset: -0.036 ms
Remote clock offset: -6.666 ms

Below is generated by plot.py at 2018-03-20 23:29:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 356.59 Mbit/s
95th percentile per-packet one-way delay: 18.287 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 356.59 Mbit/s
95th percentile per-packet one-way delay: 18.287 ms
Loss rate: 0.00%

Run 10: Report of Vivace-latency — Data Link



Run 1: Statistics of Vivace-loss

Start at: 2018-03-20 15:21:10

End at: 2018-03-20 15:21:40

Local clock offset: -0.28 ms

Remote clock offset: -3.727 ms

Below is generated by plot.py at 2018-03-20 23:29:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 392.34 Mbit/s

95th percentile per-packet one-way delay: 67.786 ms

Loss rate: 1.67%

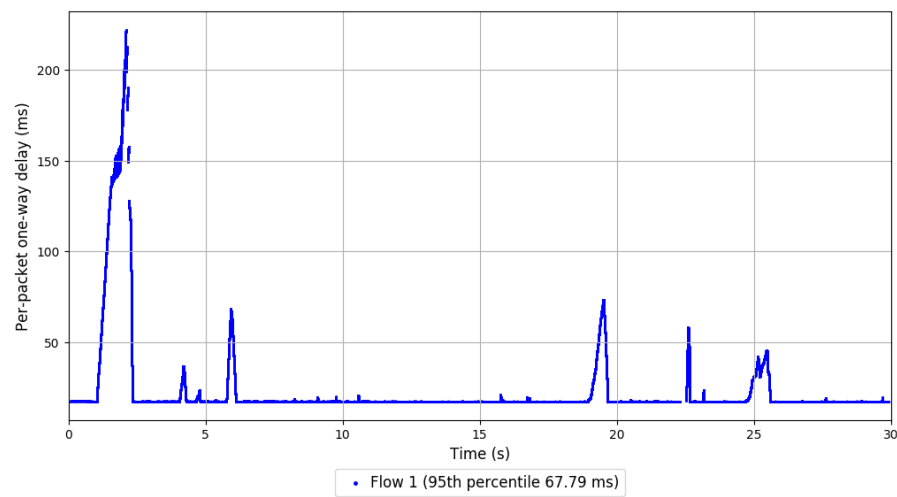
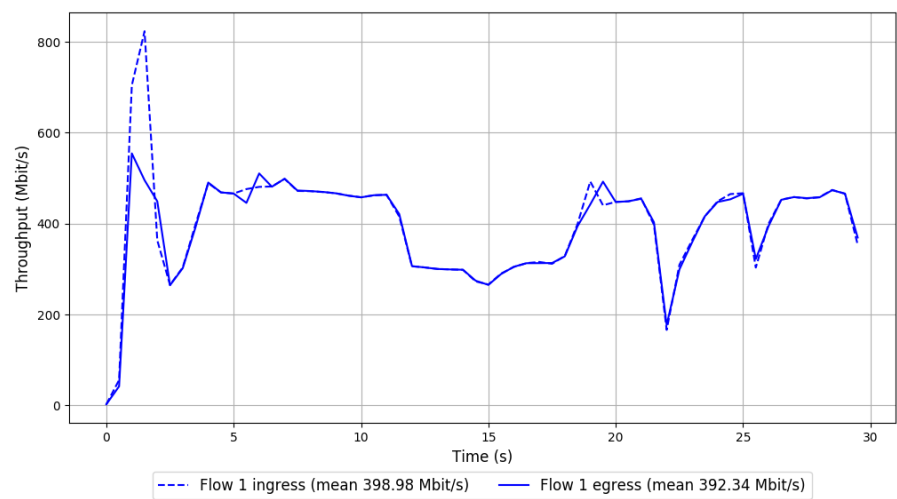
-- Flow 1:

Average throughput: 392.34 Mbit/s

95th percentile per-packet one-way delay: 67.786 ms

Loss rate: 1.67%

Run 1: Report of Vivace-loss — Data Link

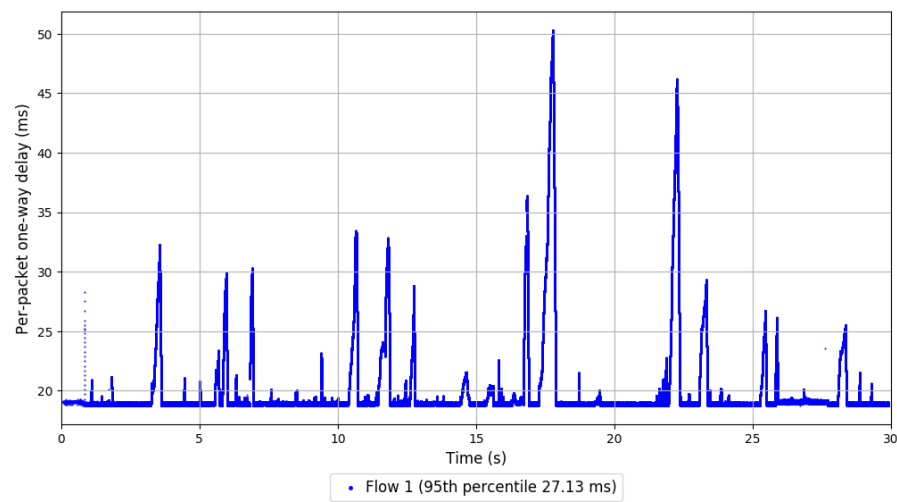
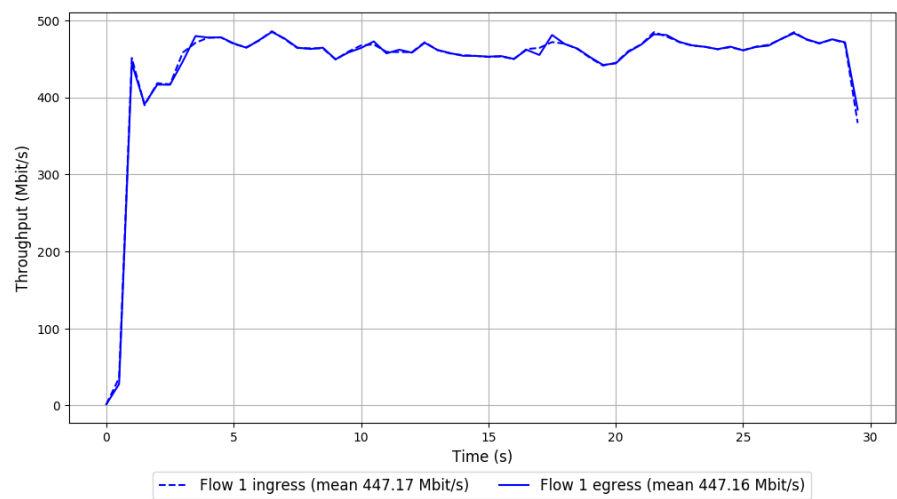


Run 2: Statistics of Vivace-loss

Start at: 2018-03-20 15:48:29
End at: 2018-03-20 15:48:59
Local clock offset: -0.231 ms
Remote clock offset: -4.418 ms

Below is generated by plot.py at 2018-03-20 23:31:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 447.16 Mbit/s
95th percentile per-packet one-way delay: 27.130 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 447.16 Mbit/s
95th percentile per-packet one-way delay: 27.130 ms
Loss rate: 0.00%

Run 2: Report of Vivace-loss — Data Link

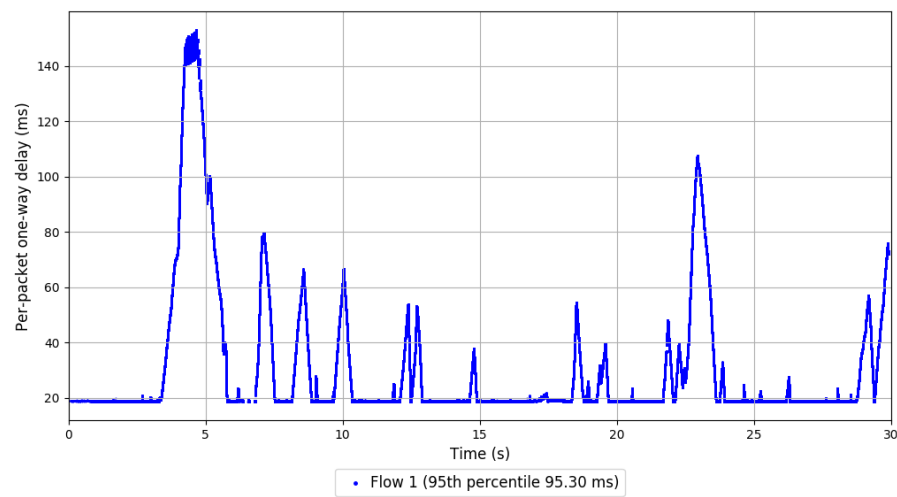
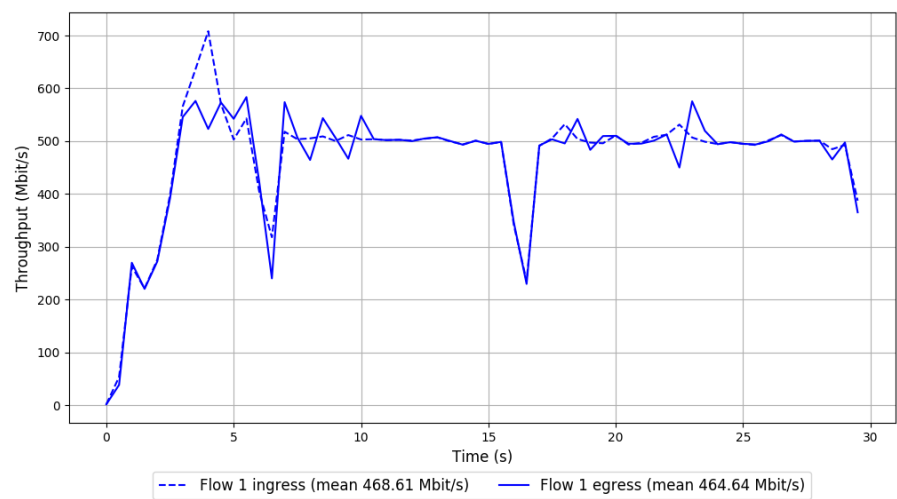


Run 3: Statistics of Vivace-loss

Start at: 2018-03-20 16:15:42
End at: 2018-03-20 16:16:12
Local clock offset: -0.302 ms
Remote clock offset: -4.453 ms

Below is generated by plot.py at 2018-03-20 23:31:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 464.64 Mbit/s
95th percentile per-packet one-way delay: 95.304 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 464.64 Mbit/s
95th percentile per-packet one-way delay: 95.304 ms
Loss rate: 0.85%

Run 3: Report of Vivace-loss — Data Link

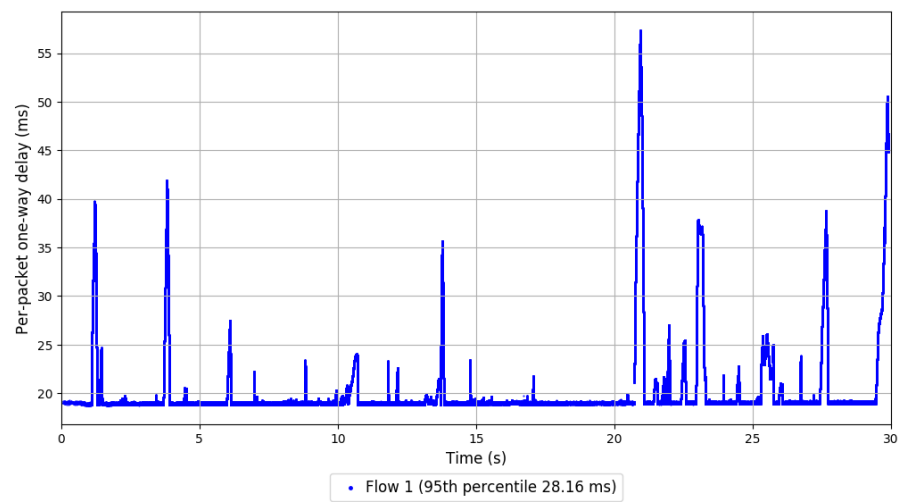
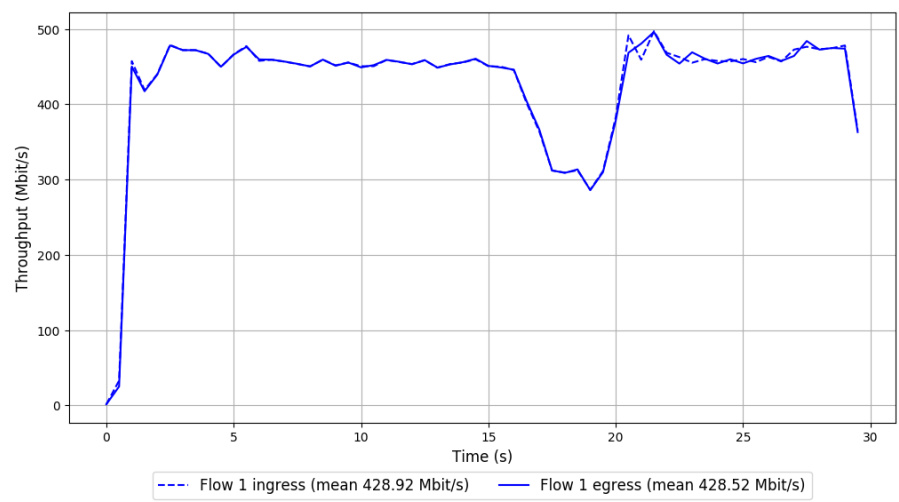


Run 4: Statistics of Vivace-loss

Start at: 2018-03-20 16:43:21
End at: 2018-03-20 16:43:51
Local clock offset: 5.097 ms
Remote clock offset: -4.572 ms

Below is generated by plot.py at 2018-03-20 23:31:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 428.52 Mbit/s
95th percentile per-packet one-way delay: 28.164 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 428.52 Mbit/s
95th percentile per-packet one-way delay: 28.164 ms
Loss rate: 0.09%

Run 4: Report of Vivace-loss — Data Link



Run 5: Statistics of Vivace-loss

Start at: 2018-03-20 17:10:36

End at: 2018-03-20 17:11:06

Local clock offset: 5.2 ms

Remote clock offset: -4.861 ms

Below is generated by plot.py at 2018-03-20 23:35:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 485.99 Mbit/s

95th percentile per-packet one-way delay: 89.235 ms

Loss rate: 0.26%

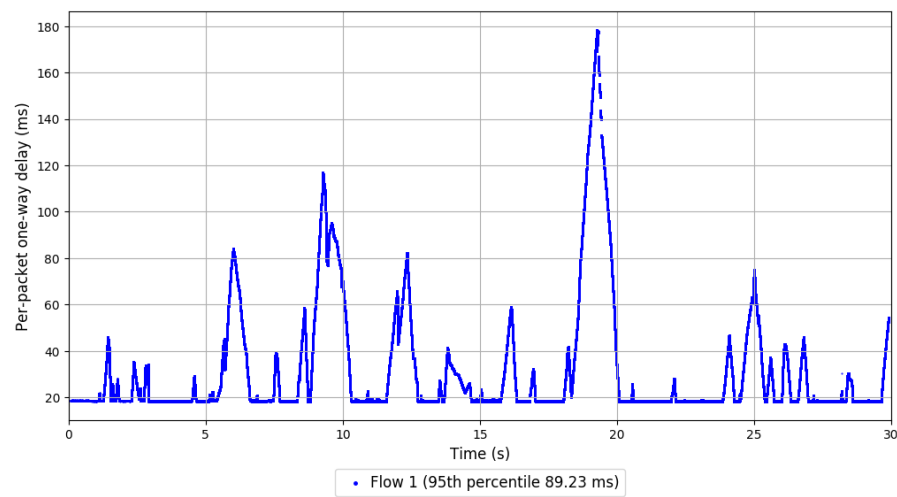
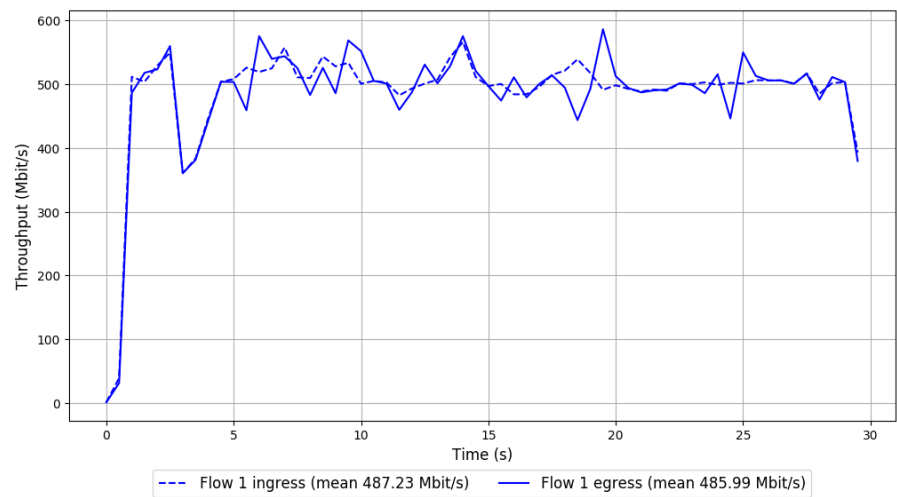
-- Flow 1:

Average throughput: 485.99 Mbit/s

95th percentile per-packet one-way delay: 89.235 ms

Loss rate: 0.26%

Run 5: Report of Vivace-loss — Data Link

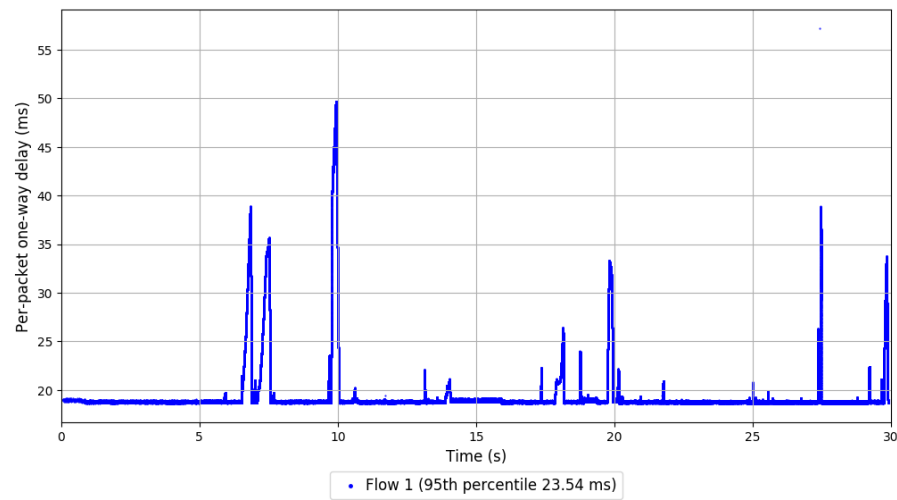
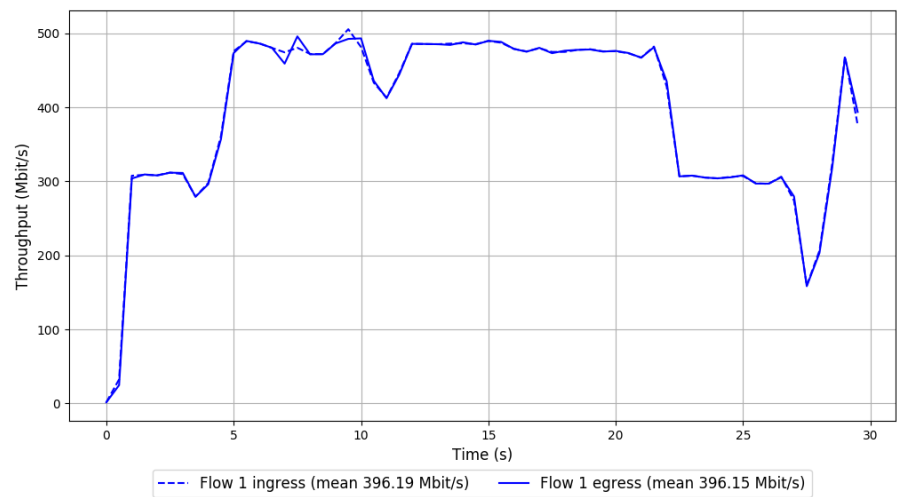


Run 6: Statistics of Vivace-loss

Start at: 2018-03-20 17:37:44
End at: 2018-03-20 17:38:14
Local clock offset: -0.378 ms
Remote clock offset: -5.298 ms

Below is generated by plot.py at 2018-03-20 23:35:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 396.15 Mbit/s
95th percentile per-packet one-way delay: 23.536 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 396.15 Mbit/s
95th percentile per-packet one-way delay: 23.536 ms
Loss rate: 0.01%

Run 6: Report of Vivace-loss — Data Link

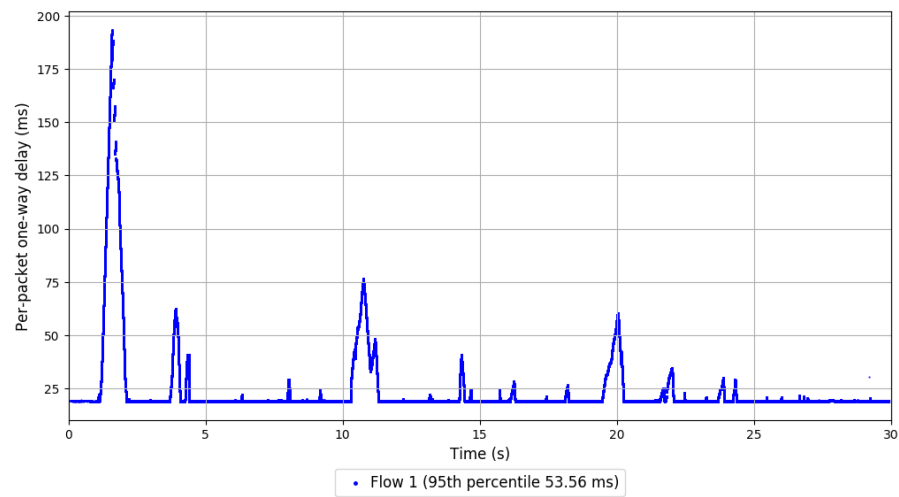
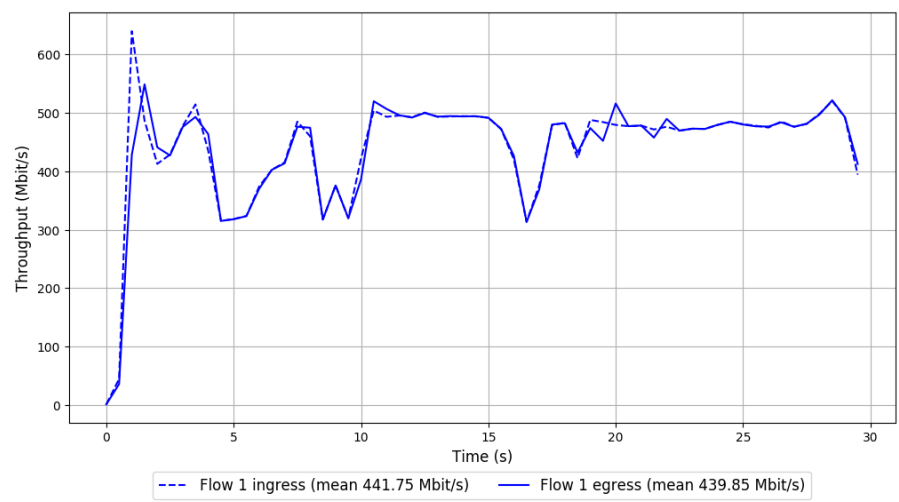


Run 7: Statistics of Vivace-loss

Start at: 2018-03-20 18:04:59
End at: 2018-03-20 18:05:29
Local clock offset: 2.528 ms
Remote clock offset: -3.402 ms

Below is generated by plot.py at 2018-03-20 23:35:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 439.85 Mbit/s
95th percentile per-packet one-way delay: 53.564 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 439.85 Mbit/s
95th percentile per-packet one-way delay: 53.564 ms
Loss rate: 0.43%

Run 7: Report of Vivace-loss — Data Link

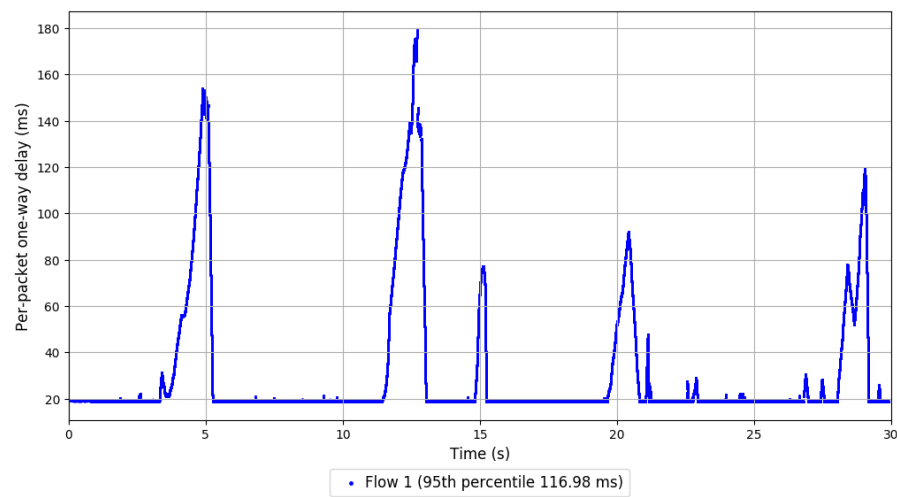
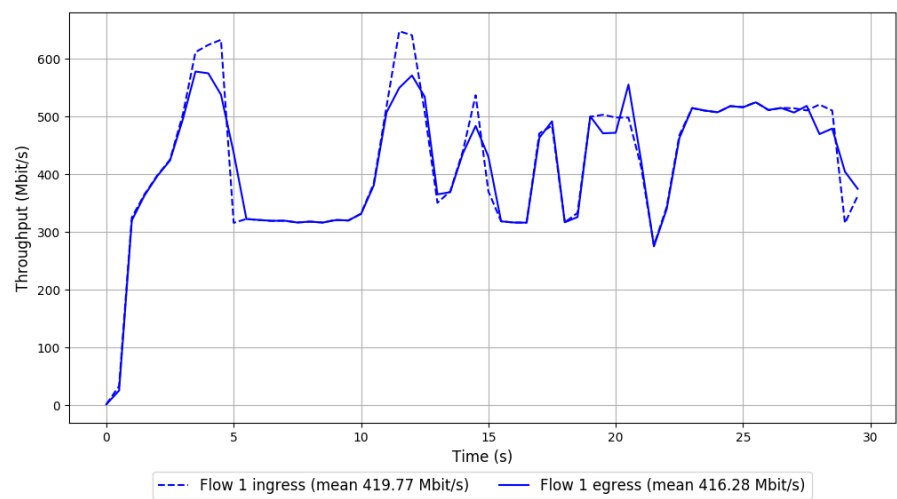


Run 8: Statistics of Vivace-loss

Start at: 2018-03-20 18:32:10
End at: 2018-03-20 18:32:40
Local clock offset: 0.787 ms
Remote clock offset: -2.898 ms

Below is generated by plot.py at 2018-03-20 23:35:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 416.28 Mbit/s
95th percentile per-packet one-way delay: 116.983 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 416.28 Mbit/s
95th percentile per-packet one-way delay: 116.983 ms
Loss rate: 0.83%

Run 8: Report of Vivace-loss — Data Link



Run 9: Statistics of Vivace-loss

Start at: 2018-03-20 18:59:12

End at: 2018-03-20 18:59:42

Local clock offset: 2.942 ms

Remote clock offset: -5.491 ms

Below is generated by plot.py at 2018-03-20 23:36:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 426.08 Mbit/s

95th percentile per-packet one-way delay: 25.543 ms

Loss rate: 0.04%

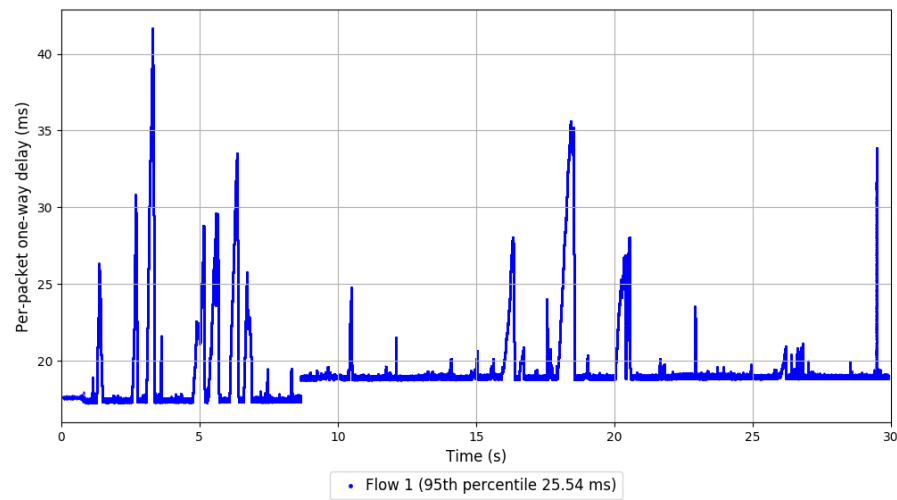
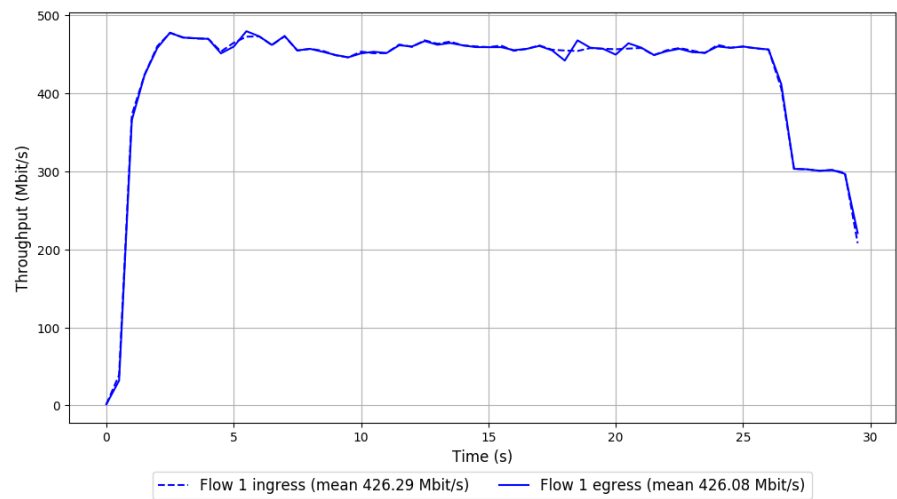
-- Flow 1:

Average throughput: 426.08 Mbit/s

95th percentile per-packet one-way delay: 25.543 ms

Loss rate: 0.04%

Run 9: Report of Vivace-loss — Data Link

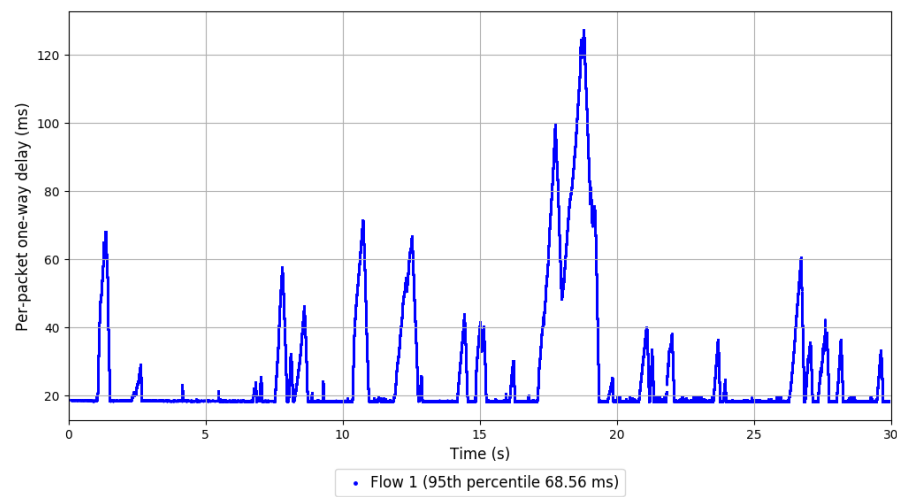
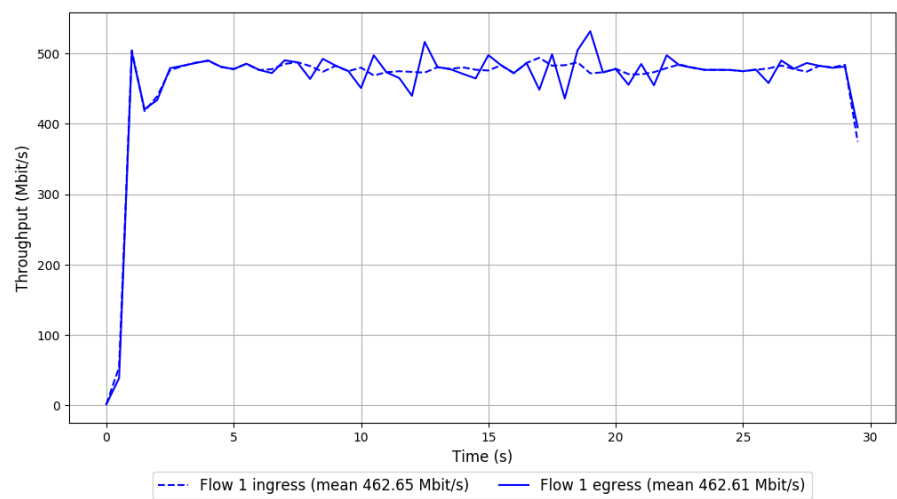


Run 10: Statistics of Vivace-loss

Start at: 2018-03-20 19:26:21
End at: 2018-03-20 19:26:51
Local clock offset: 3.087 ms
Remote clock offset: -6.854 ms

Below is generated by plot.py at 2018-03-20 23:37:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 462.61 Mbit/s
95th percentile per-packet one-way delay: 68.563 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 462.61 Mbit/s
95th percentile per-packet one-way delay: 68.563 ms
Loss rate: 0.01%

Run 10: Report of Vivace-loss — Data Link

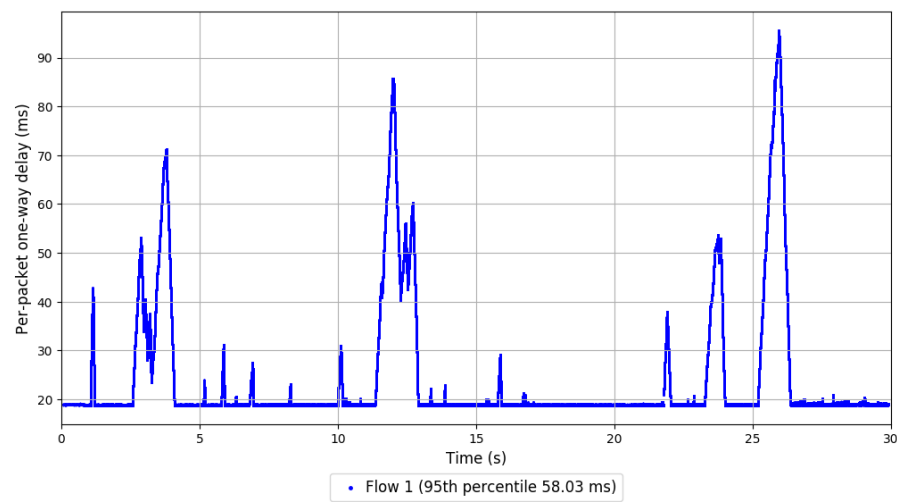
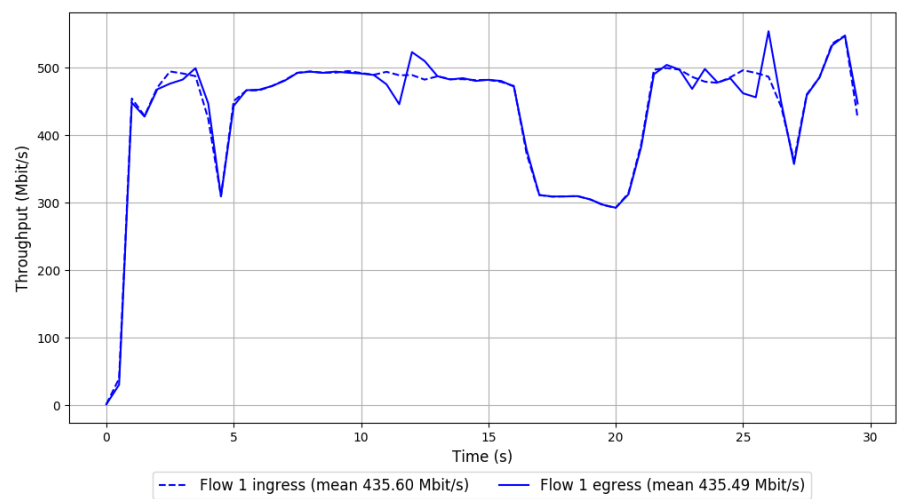


Run 1: Statistics of Vivace-LTE

Start at: 2018-03-20 15:27:30
End at: 2018-03-20 15:28:00
Local clock offset: -0.224 ms
Remote clock offset: -4.017 ms

Below is generated by plot.py at 2018-03-20 23:38:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 435.49 Mbit/s
95th percentile per-packet one-way delay: 58.032 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 435.49 Mbit/s
95th percentile per-packet one-way delay: 58.032 ms
Loss rate: 0.03%

Run 1: Report of Vivace-LTE — Data Link

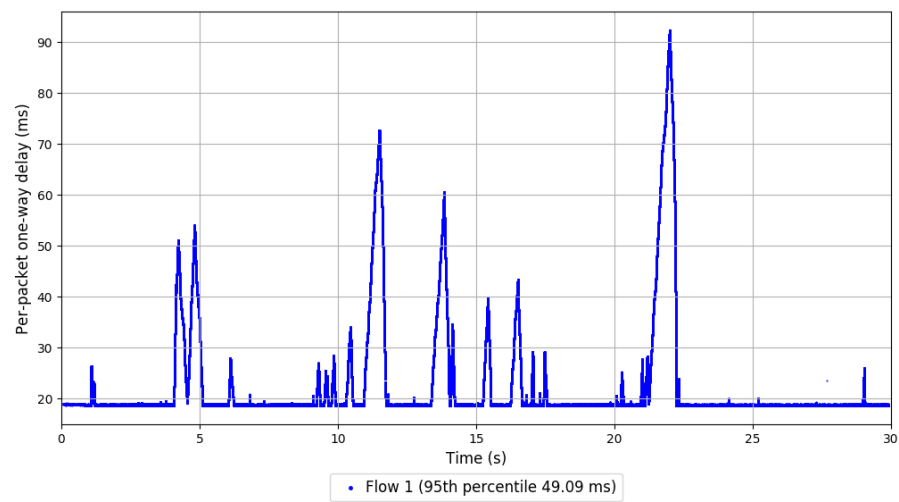
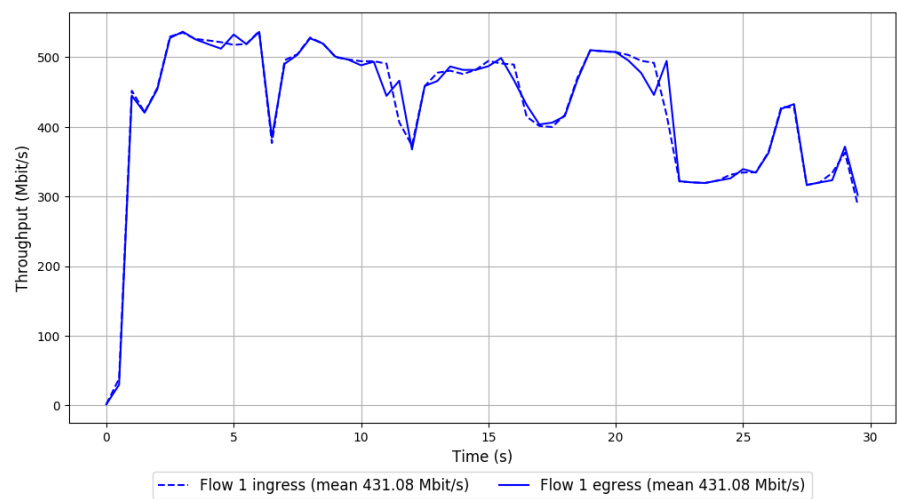


Run 2: Statistics of Vivace-LTE

Start at: 2018-03-20 15:54:51
End at: 2018-03-20 15:55:21
Local clock offset: -0.264 ms
Remote clock offset: -4.439 ms

Below is generated by plot.py at 2018-03-20 23:38:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 431.08 Mbit/s
95th percentile per-packet one-way delay: 49.086 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 431.08 Mbit/s
95th percentile per-packet one-way delay: 49.086 ms
Loss rate: 0.00%

Run 2: Report of Vivace-LTE — Data Link



Run 3: Statistics of Vivace-LTE

Start at: 2018-03-20 16:22:04

End at: 2018-03-20 16:22:34

Local clock offset: -0.377 ms

Remote clock offset: -4.48 ms

Below is generated by plot.py at 2018-03-20 23:40:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 425.72 Mbit/s

95th percentile per-packet one-way delay: 20.899 ms

Loss rate: 0.00%

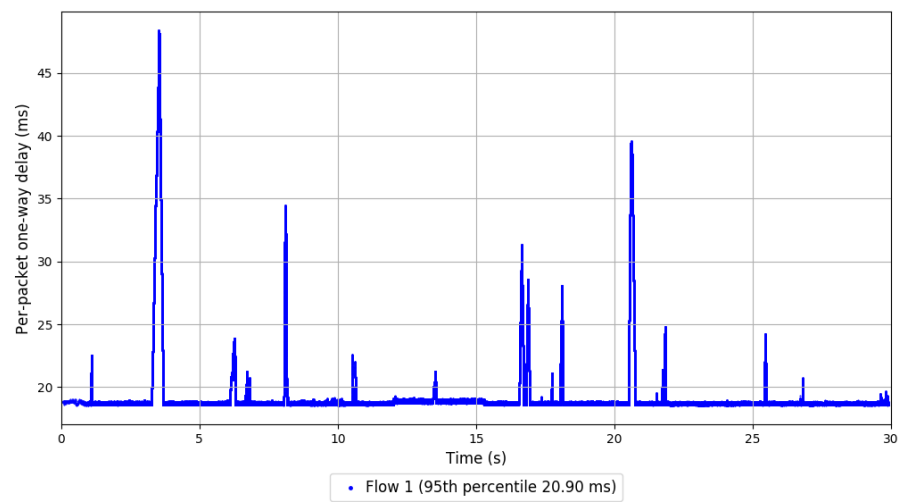
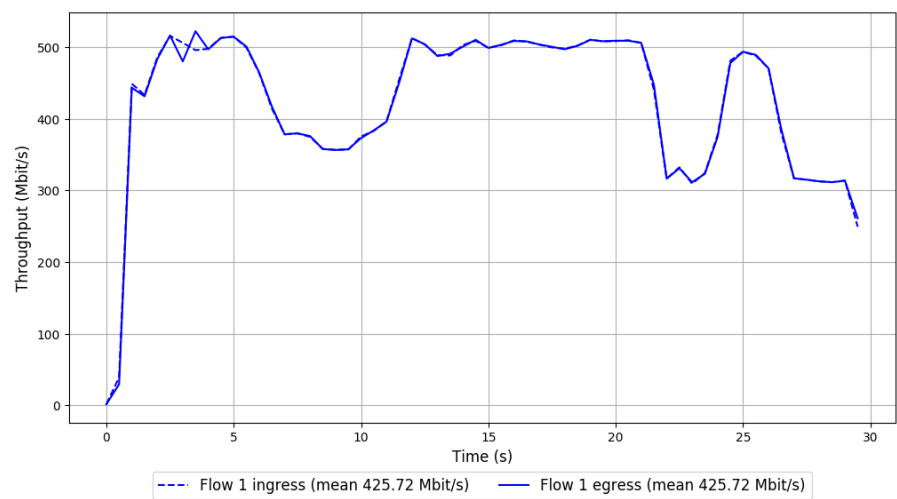
-- Flow 1:

Average throughput: 425.72 Mbit/s

95th percentile per-packet one-way delay: 20.899 ms

Loss rate: 0.00%

Run 3: Report of Vivace-LTE — Data Link

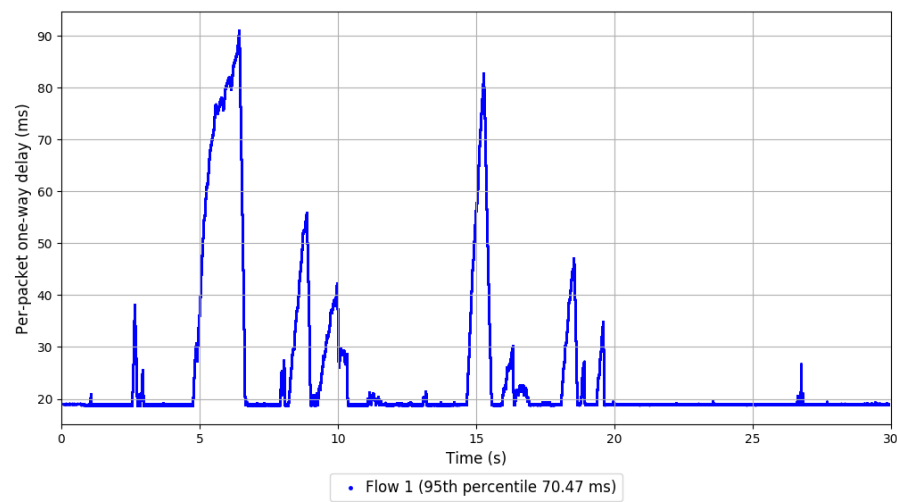
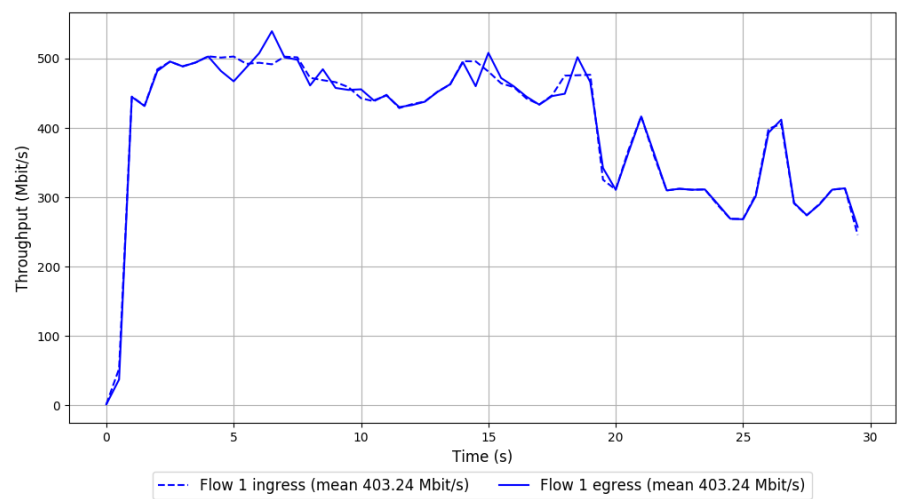


Run 4: Statistics of Vivace-LTE

Start at: 2018-03-20 16:49:42
End at: 2018-03-20 16:50:12
Local clock offset: 6.493 ms
Remote clock offset: -4.526 ms

Below is generated by plot.py at 2018-03-20 23:41:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 403.24 Mbit/s
95th percentile per-packet one-way delay: 70.468 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 403.24 Mbit/s
95th percentile per-packet one-way delay: 70.468 ms
Loss rate: 0.00%

Run 4: Report of Vivace-LTE — Data Link

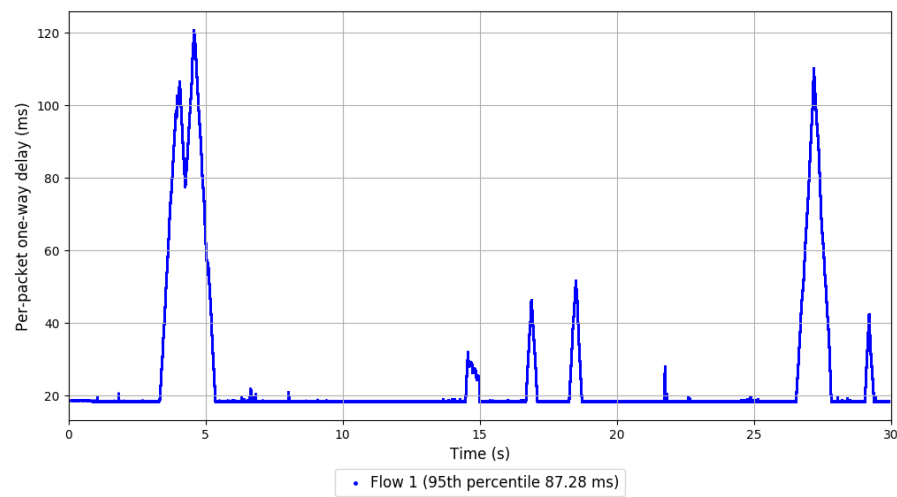
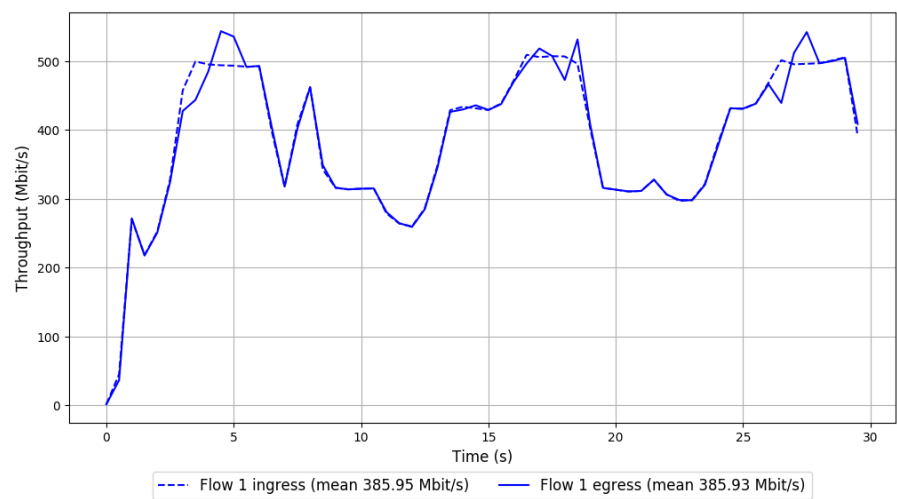


Run 5: Statistics of Vivace-LTE

Start at: 2018-03-20 17:16:59
End at: 2018-03-20 17:17:29
Local clock offset: 2.451 ms
Remote clock offset: -5.034 ms

Below is generated by plot.py at 2018-03-20 23:41:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 385.93 Mbit/s
95th percentile per-packet one-way delay: 87.275 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 385.93 Mbit/s
95th percentile per-packet one-way delay: 87.275 ms
Loss rate: 0.01%

Run 5: Report of Vivace-LTE — Data Link

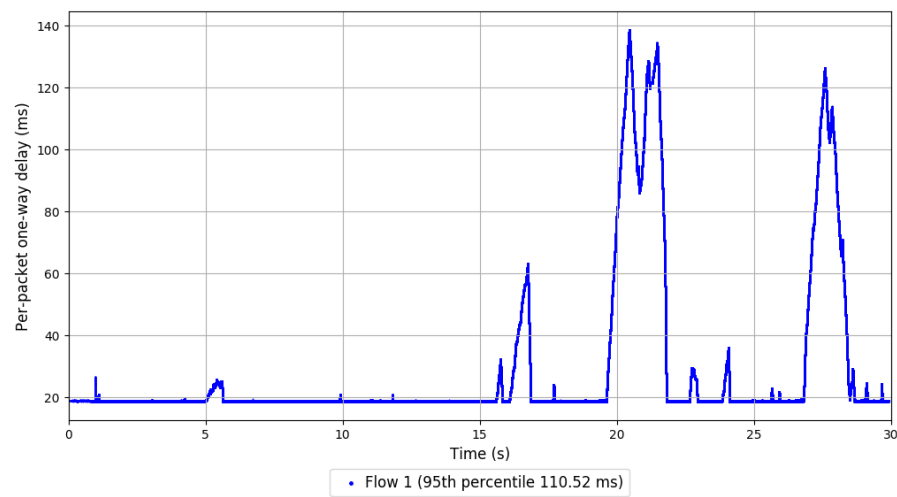
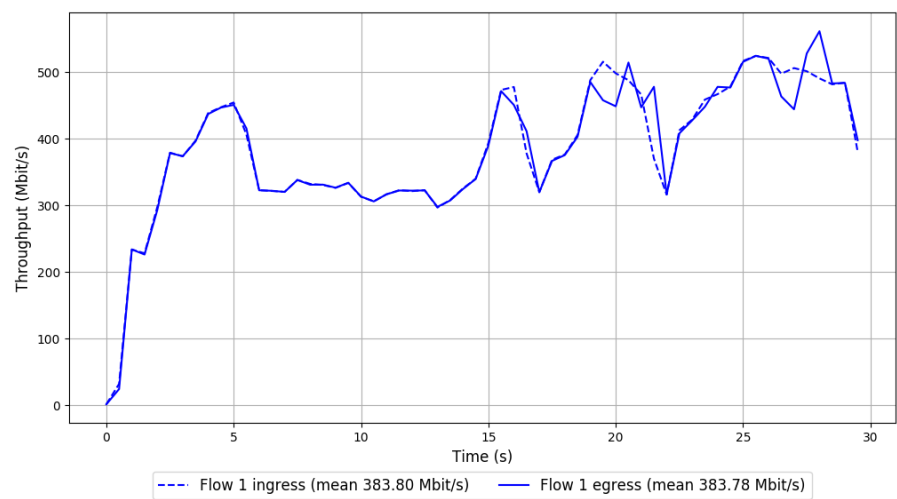


Run 6: Statistics of Vivace-LTE

Start at: 2018-03-20 17:44:02
End at: 2018-03-20 17:44:32
Local clock offset: 0.549 ms
Remote clock offset: -4.665 ms

Below is generated by plot.py at 2018-03-20 23:41:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 383.78 Mbit/s
95th percentile per-packet one-way delay: 110.516 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 383.78 Mbit/s
95th percentile per-packet one-way delay: 110.516 ms
Loss rate: 0.01%

Run 6: Report of Vivace-LTE — Data Link

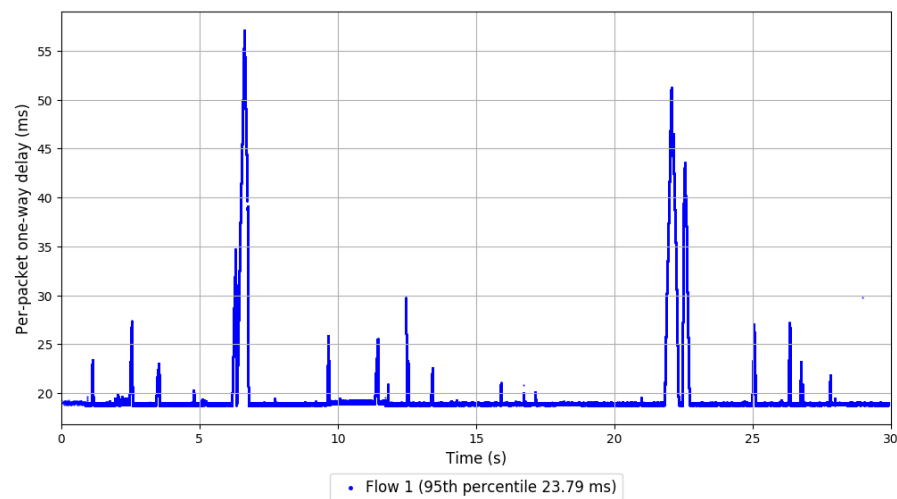
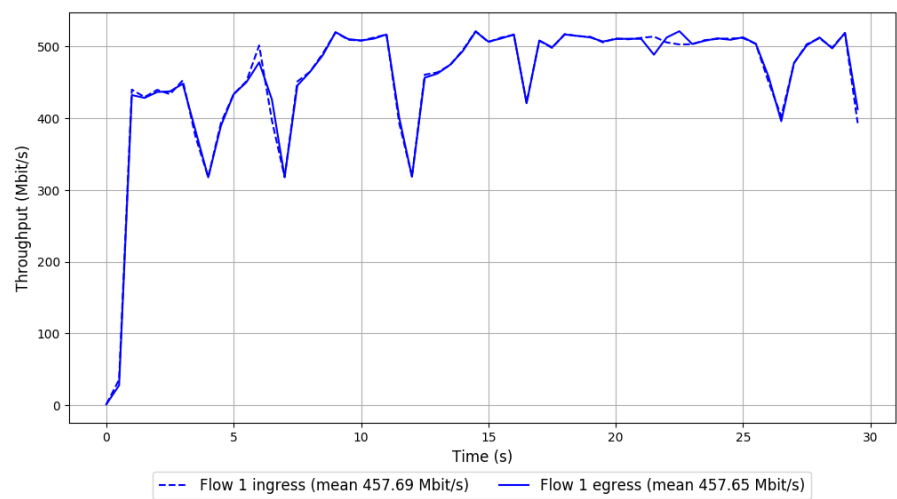


Run 7: Statistics of Vivace-LTE

Start at: 2018-03-20 18:11:21
End at: 2018-03-20 18:11:51
Local clock offset: 2.737 ms
Remote clock offset: -3.333 ms

Below is generated by plot.py at 2018-03-20 23:42:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 457.65 Mbit/s
95th percentile per-packet one-way delay: 23.791 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 457.65 Mbit/s
95th percentile per-packet one-way delay: 23.791 ms
Loss rate: 0.01%

Run 7: Report of Vivace-LTE — Data Link

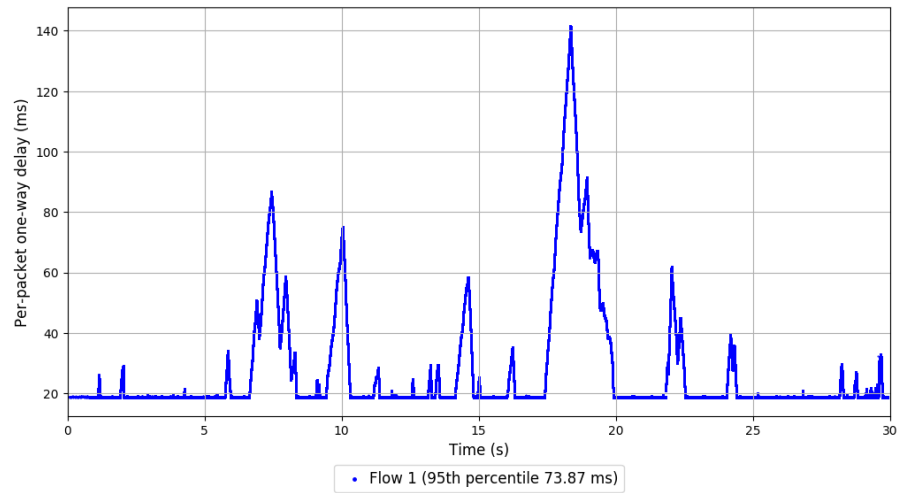
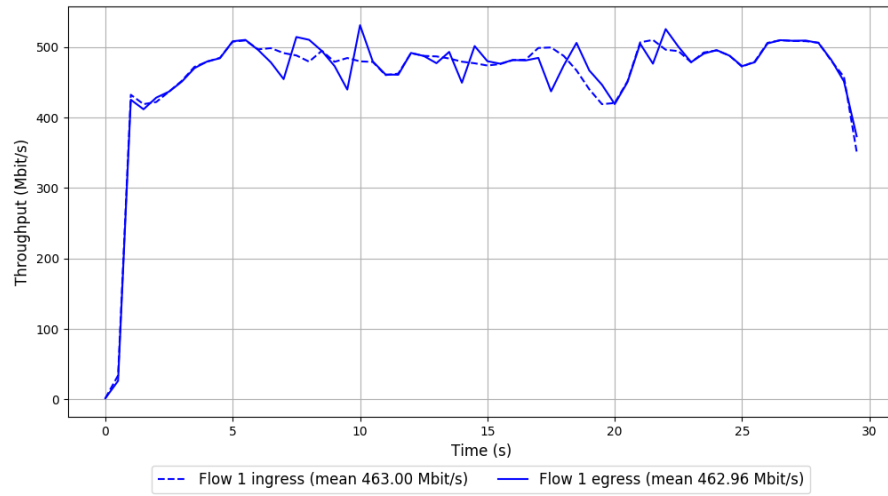


Run 8: Statistics of Vivace-LTE

Start at: 2018-03-20 18:38:31
End at: 2018-03-20 18:39:01
Local clock offset: 0.681 ms
Remote clock offset: -2.825 ms

Below is generated by plot.py at 2018-03-20 23:43:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 462.96 Mbit/s
95th percentile per-packet one-way delay: 73.869 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 462.96 Mbit/s
95th percentile per-packet one-way delay: 73.869 ms
Loss rate: 0.01%

Run 8: Report of Vivace-LTE — Data Link

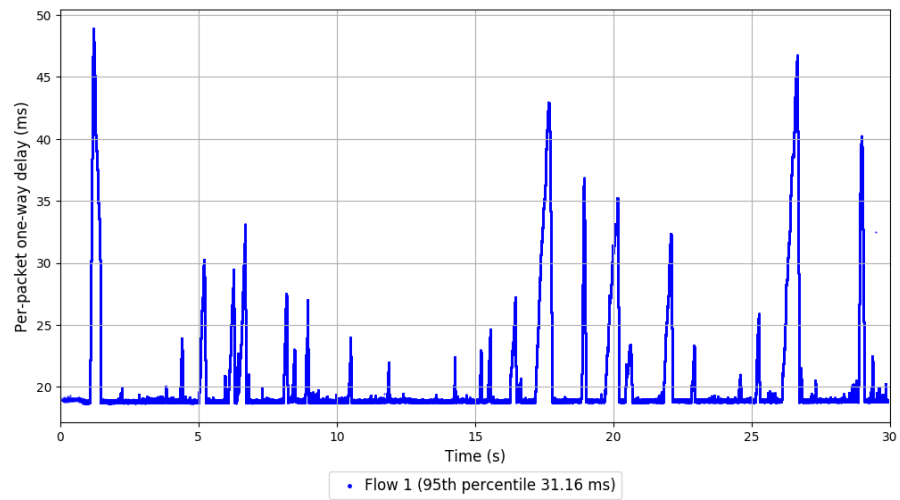
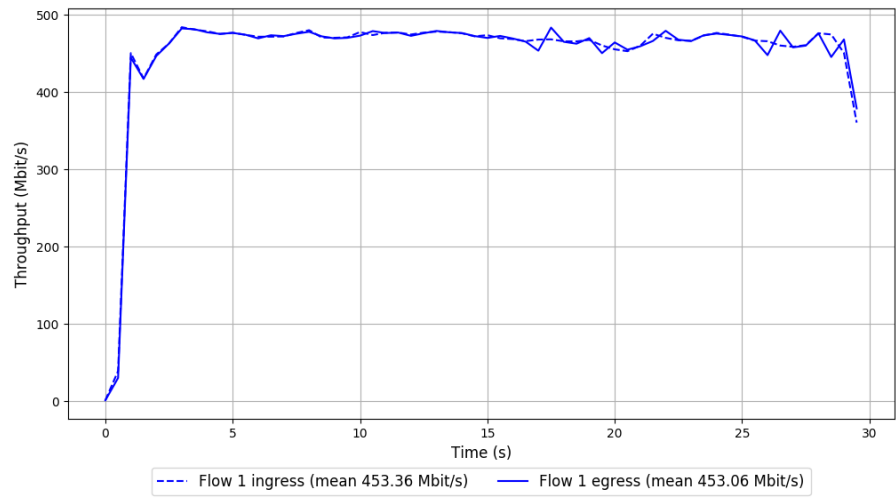


Run 9: Statistics of Vivace-LTE

Start at: 2018-03-20 19:05:33
End at: 2018-03-20 19:06:03
Local clock offset: 3.583 ms
Remote clock offset: -6.214 ms

Below is generated by plot.py at 2018-03-20 23:43:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 453.06 Mbit/s
95th percentile per-packet one-way delay: 31.157 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 453.06 Mbit/s
95th percentile per-packet one-way delay: 31.157 ms
Loss rate: 0.07%

Run 9: Report of Vivace-LTE — Data Link



Run 10: Statistics of Vivace-LTE

Start at: 2018-03-20 19:32:44

End at: 2018-03-20 19:33:14

Local clock offset: 1.356 ms

Remote clock offset: -6.731 ms

Below is generated by plot.py at 2018-03-20 23:43:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 451.51 Mbit/s

95th percentile per-packet one-way delay: 34.014 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 451.51 Mbit/s

95th percentile per-packet one-way delay: 34.014 ms

Loss rate: 0.00%

Run 10: Report of Vivace-LTE — Data Link

