

Pantheon Report

Generated at 2017-08-17 03:29:01 (UTC).

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

Repeated the test of 15 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).

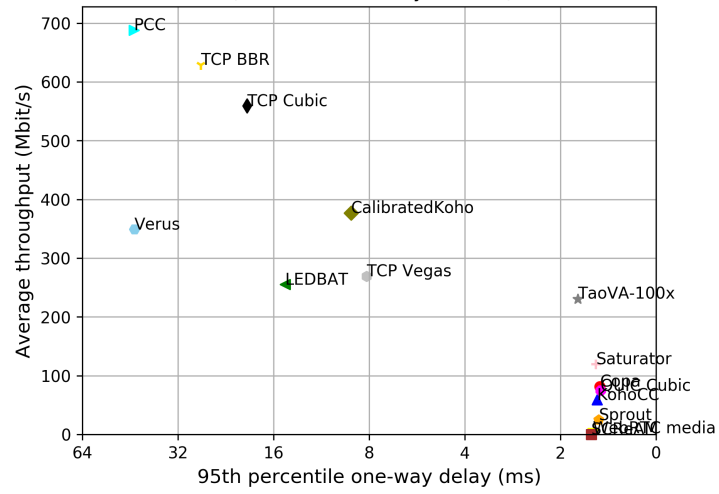
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

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

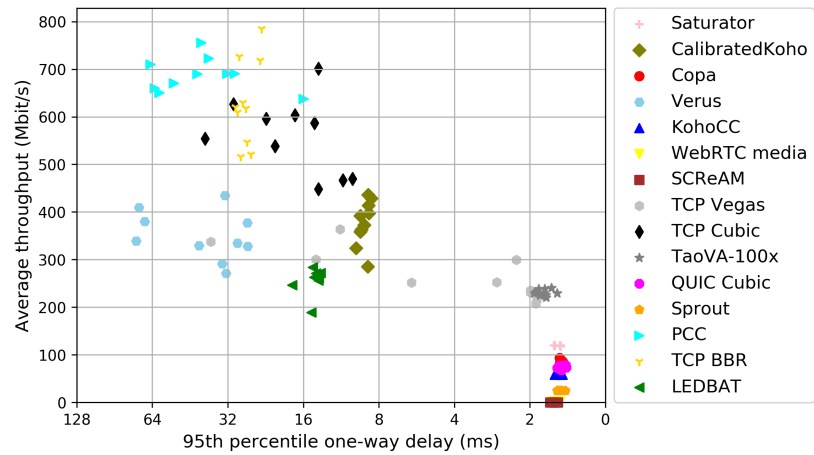
Git summary:

```
branch: master @ e43be7582298d552838afcf6382342bf187fbbd6
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/genericCC @ dae96123232f1bcb37725348fa2378691ce26725
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-stimuli @ fc73a85ca16c34366d1888dc8a0d0d88d4ebf2a7
third_party/pantheon-tunnel @ baf443516dea3eeddeccaf9b916cc313273ca4f4
  M scripts/merge-tunnel-logs
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 @ f1a14bffe749737437f61b1eaaeb30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/webRTC @ a488197ddd041ace68a42849b2540ad834825f42
```

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



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



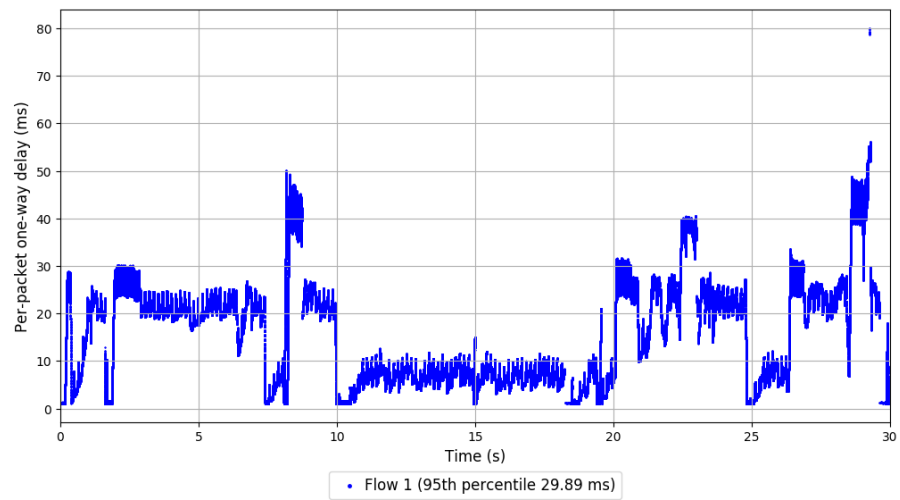
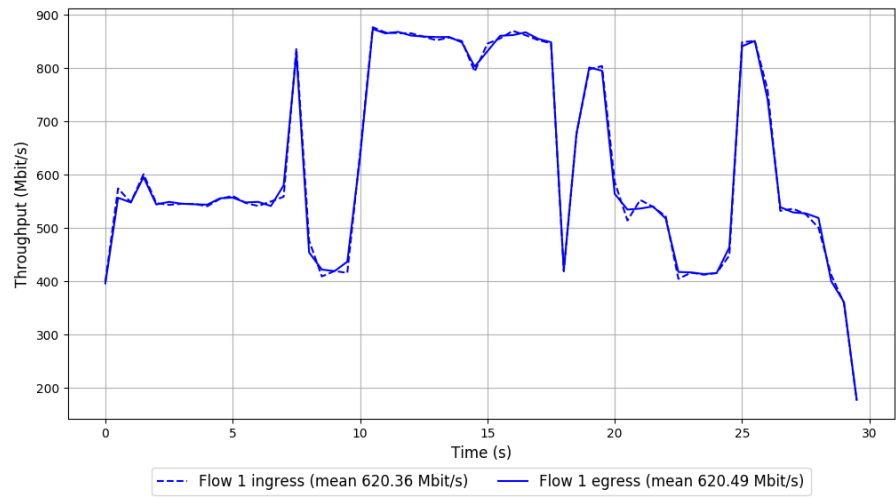
scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	628.96	27.15	0.14
CalibratedKoho	10	377.17	9.12	0.08
Copa	10	81.81	1.18	0.07
TCP Cubic	10	559.02	19.39	0.10
KohoCC	10	59.19	1.23	0.07
LEDBAT	8	255.19	14.70	0.13
PCC	10	687.90	44.00	2.53
QUIC Cubic	10	74.76	1.16	0.05
Saturator	5	119.47	1.25	0.07
SCReAM	10	0.22	1.36	0.12
Sprout	10	24.85	1.20	0.07
TaoVA-100x	10	230.69	1.63	0.07
TCP Vegas	10	269.44	8.16	0.06
Verus	10	349.39	43.86	0.82
WebRTC media	10	2.35	1.32	0.06

Run 1: Statistics of TCP BBR

Start at: 2017-08-16 18:48:39
End at: 2017-08-16 18:49:09
Local clock offset: 0.341 ms
Remote clock offset: -2.242 ms

Below is generated by plot.py at 2017-08-17 02:48:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 620.49 Mbit/s
95th percentile per-packet one-way delay: 29.893 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 620.49 Mbit/s
95th percentile per-packet one-way delay: 29.893 ms
Loss rate: 0.04%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2017-08-16 19:09:26

End at: 2017-08-16 19:09:56

Local clock offset: 0.38 ms

Remote clock offset: -1.701 ms

Below is generated by plot.py at 2017-08-17 02:48:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 784.82 Mbit/s

95th percentile per-packet one-way delay: 23.496 ms

Loss rate: 0.13%

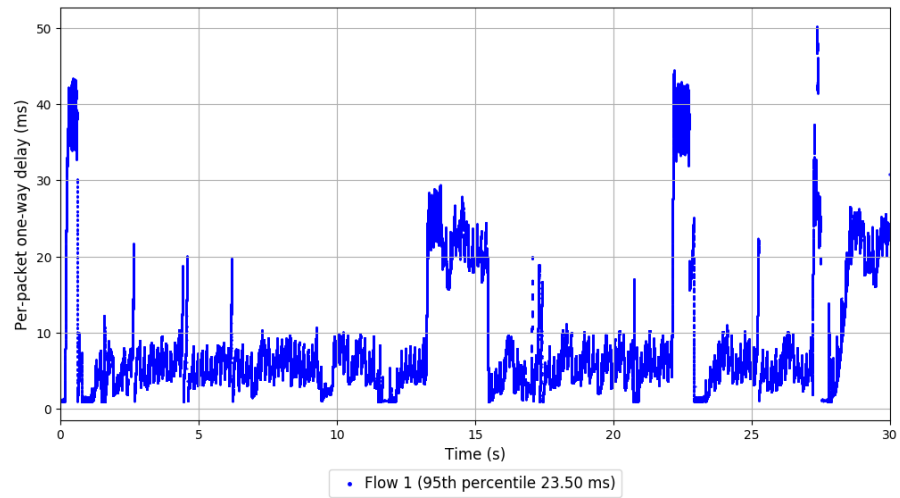
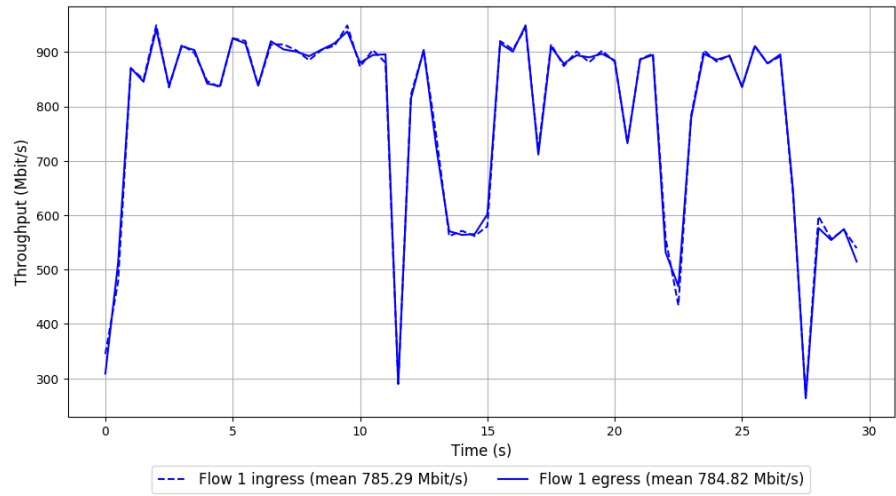
-- Flow 1:

Average throughput: 784.82 Mbit/s

95th percentile per-packet one-way delay: 23.496 ms

Loss rate: 0.13%

Run 2: Report of TCP BBR — Data Link

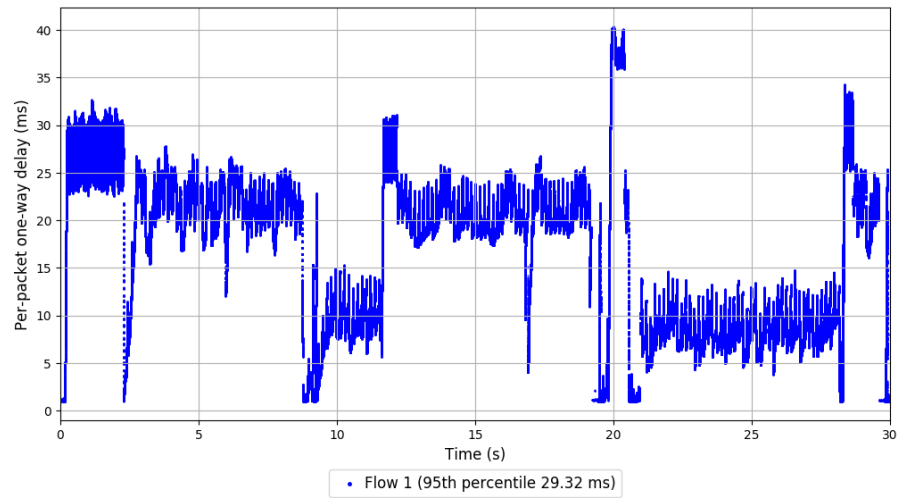
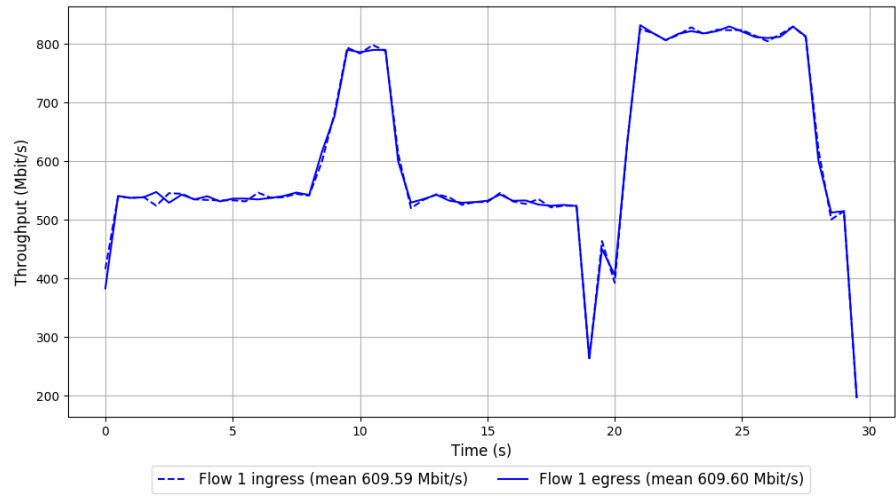


Run 3: Statistics of TCP BBR

Start at: 2017-08-16 19:30:19
End at: 2017-08-16 19:30:49
Local clock offset: 0.587 ms
Remote clock offset: -1.474 ms

Below is generated by plot.py at 2017-08-17 02:49:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 609.60 Mbit/s
95th percentile per-packet one-way delay: 29.323 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 609.60 Mbit/s
95th percentile per-packet one-way delay: 29.323 ms
Loss rate: 0.05%

Run 3: Report of TCP BBR — Data Link

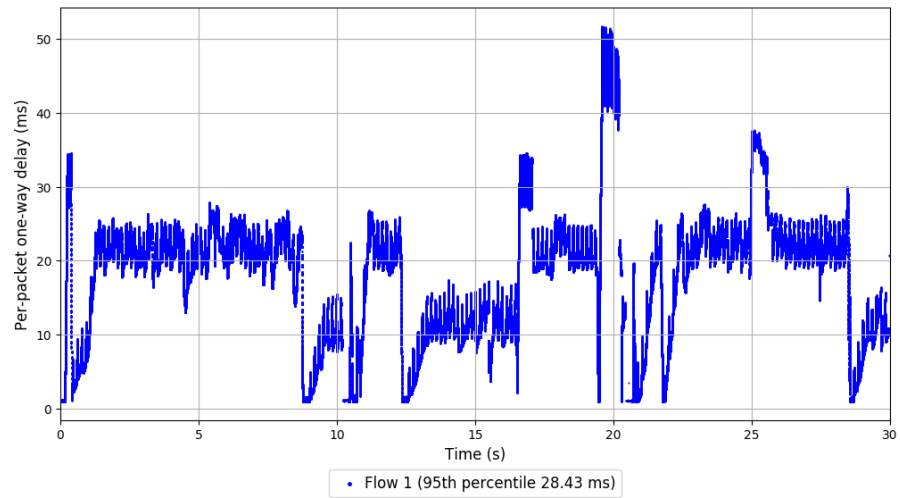
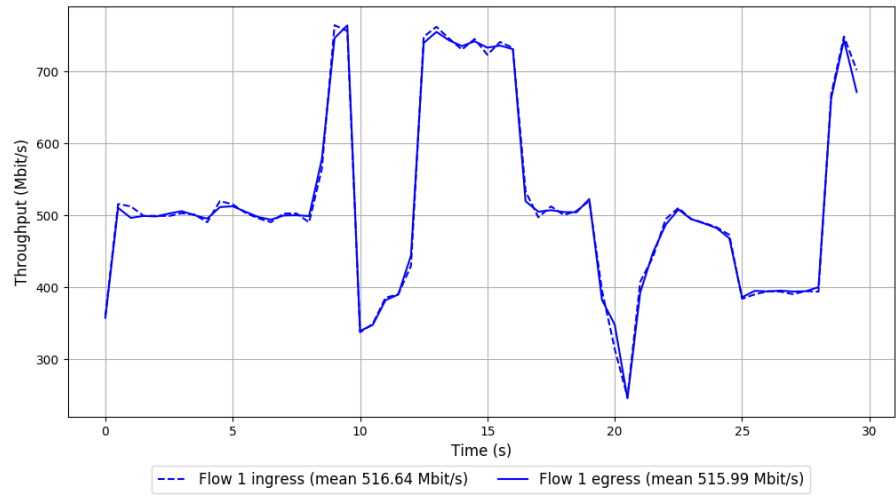


Run 4: Statistics of TCP BBR

Start at: 2017-08-16 19:51:02
End at: 2017-08-16 19:51:32
Local clock offset: 0.923 ms
Remote clock offset: -1.554 ms

Below is generated by plot.py at 2017-08-17 02:49:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 515.99 Mbit/s
95th percentile per-packet one-way delay: 28.426 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 515.99 Mbit/s
95th percentile per-packet one-way delay: 28.426 ms
Loss rate: 0.16%

Run 4: Report of TCP BBR — Data Link

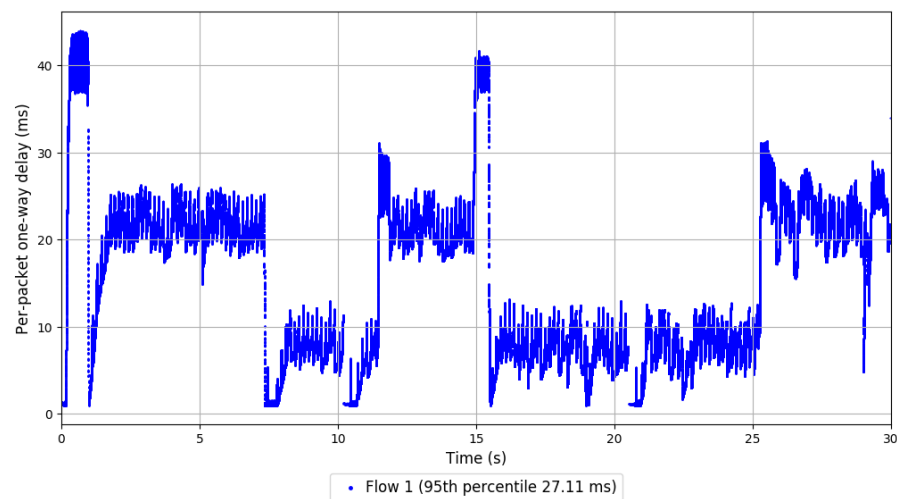
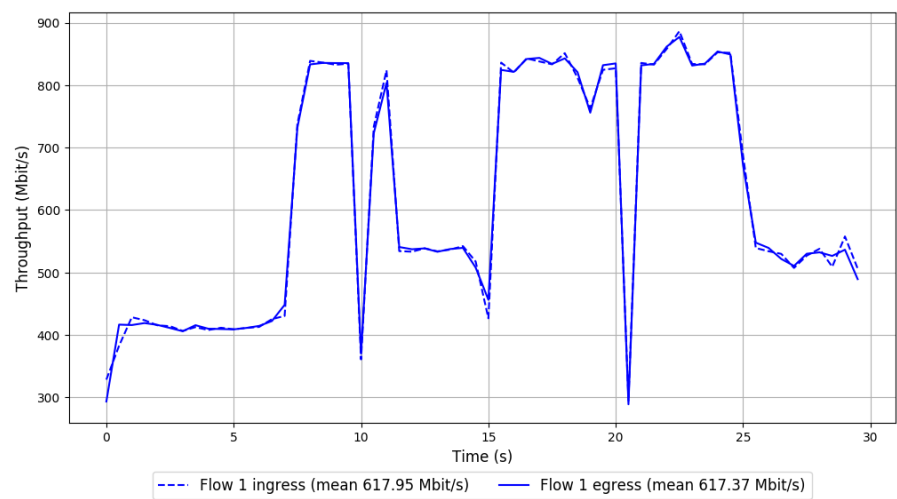


Run 5: Statistics of TCP BBR

Start at: 2017-08-16 20:11:39
End at: 2017-08-16 20:12:09
Local clock offset: 1.207 ms
Remote clock offset: -1.545 ms

Below is generated by plot.py at 2017-08-17 02:50:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 617.37 Mbit/s
95th percentile per-packet one-way delay: 27.107 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 617.37 Mbit/s
95th percentile per-packet one-way delay: 27.107 ms
Loss rate: 0.13%

Run 5: Report of TCP BBR — Data Link

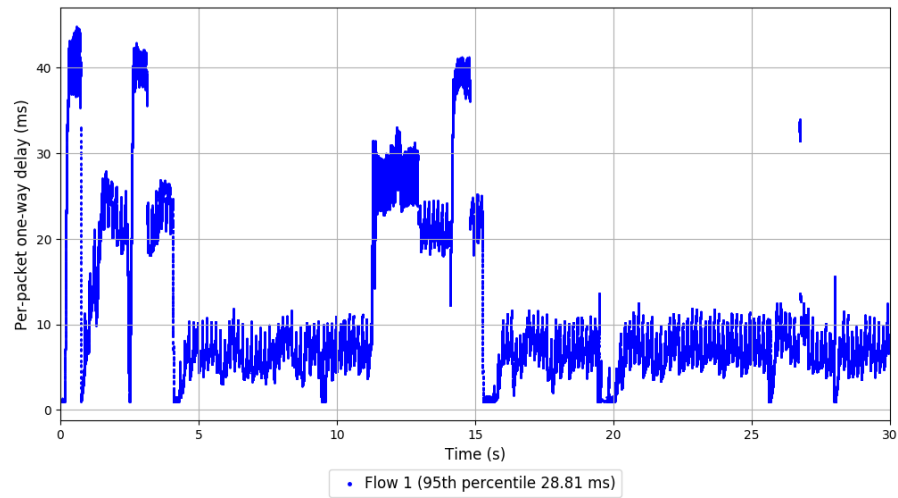
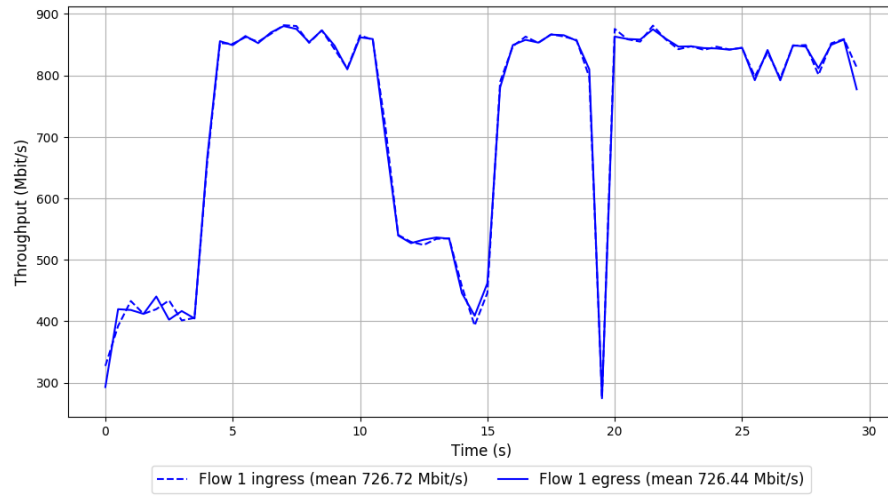


Run 6: Statistics of TCP BBR

Start at: 2017-08-16 20:32:18
End at: 2017-08-16 20:32:48
Local clock offset: 1.468 ms
Remote clock offset: -1.443 ms

Below is generated by plot.py at 2017-08-17 02:50:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 726.44 Mbit/s
95th percentile per-packet one-way delay: 28.810 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 726.44 Mbit/s
95th percentile per-packet one-way delay: 28.810 ms
Loss rate: 0.11%

Run 6: Report of TCP BBR — Data Link

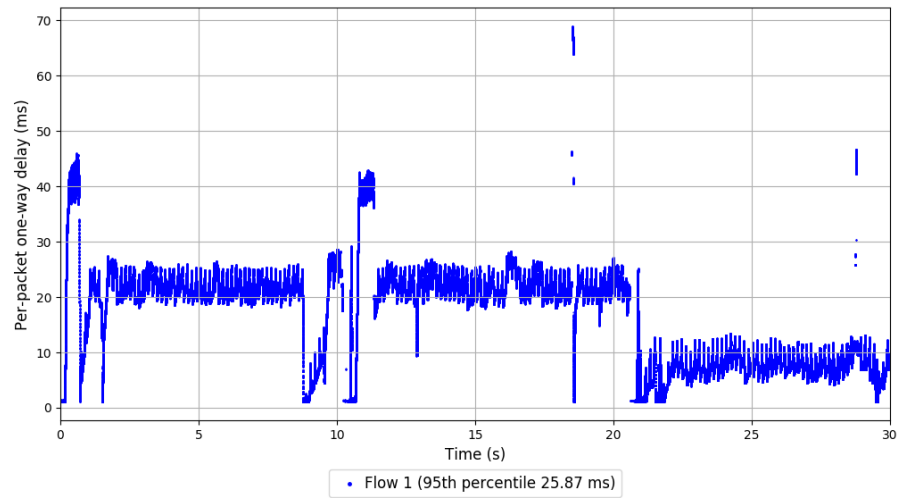
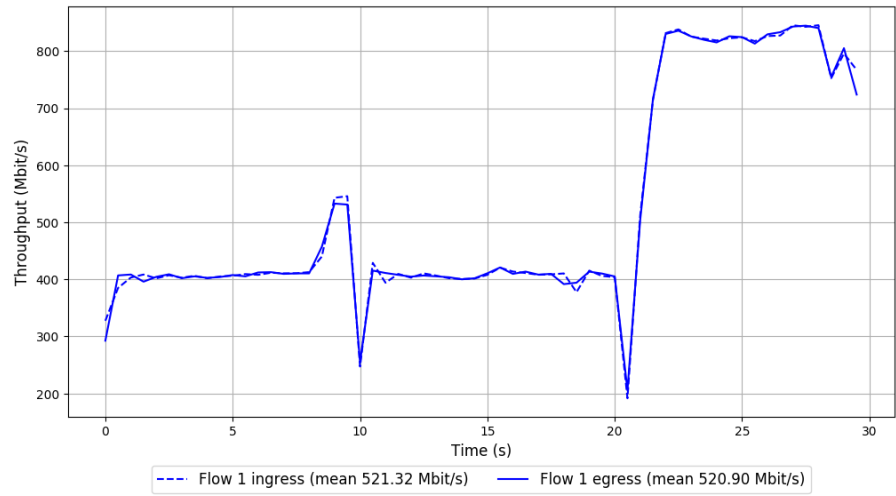


Run 7: Statistics of TCP BBR

Start at: 2017-08-16 20:53:08
End at: 2017-08-16 20:53:38
Local clock offset: 1.639 ms
Remote clock offset: -1.271 ms

Below is generated by plot.py at 2017-08-17 02:51:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 520.90 Mbit/s
95th percentile per-packet one-way delay: 25.872 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 520.90 Mbit/s
95th percentile per-packet one-way delay: 25.872 ms
Loss rate: 0.14%

Run 7: Report of TCP BBR — Data Link

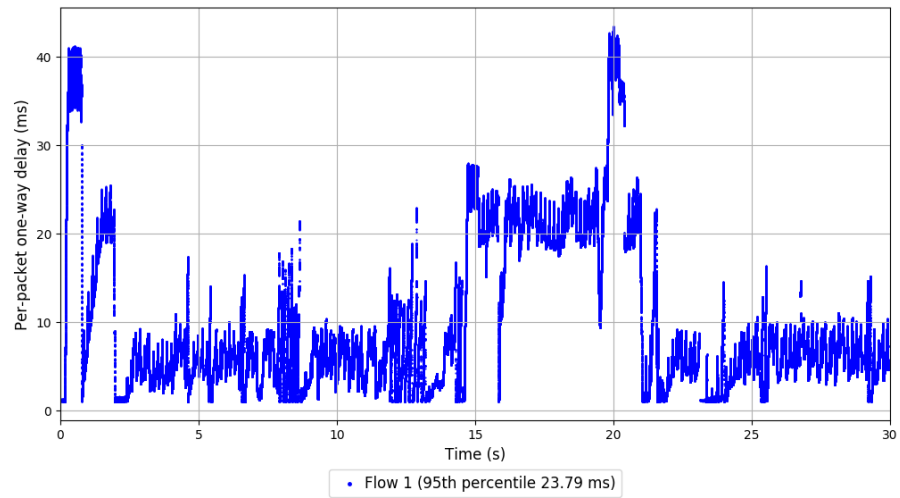
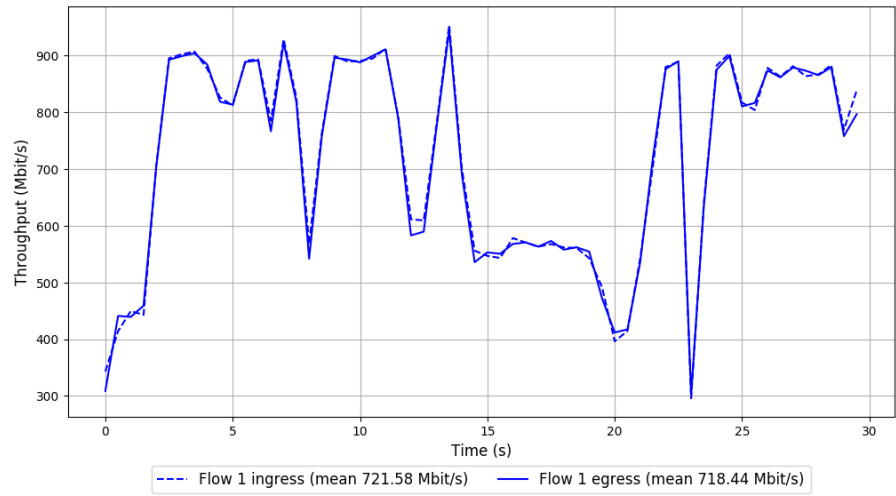


Run 8: Statistics of TCP BBR

Start at: 2017-08-16 21:13:52
End at: 2017-08-16 21:14:22
Local clock offset: 1.233 ms
Remote clock offset: -1.207 ms

Below is generated by plot.py at 2017-08-17 02:52:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 718.44 Mbit/s
95th percentile per-packet one-way delay: 23.787 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 718.44 Mbit/s
95th percentile per-packet one-way delay: 23.787 ms
Loss rate: 0.50%

Run 8: Report of TCP BBR — Data Link

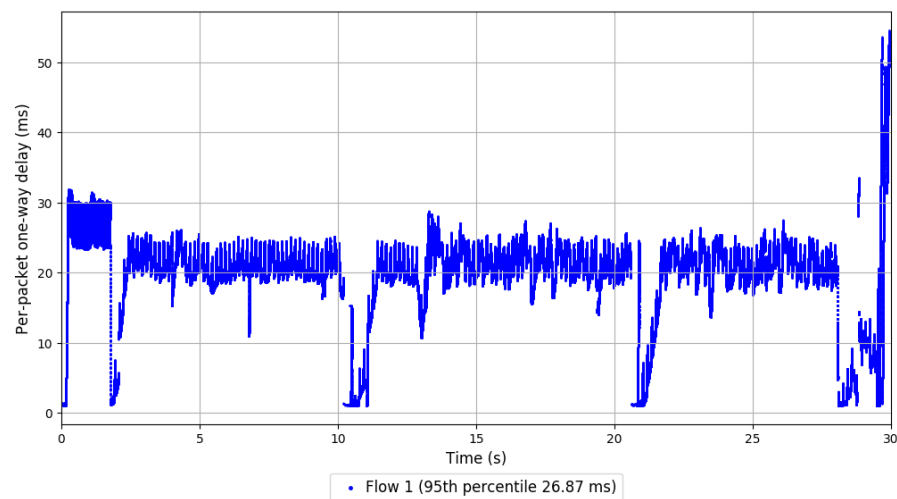
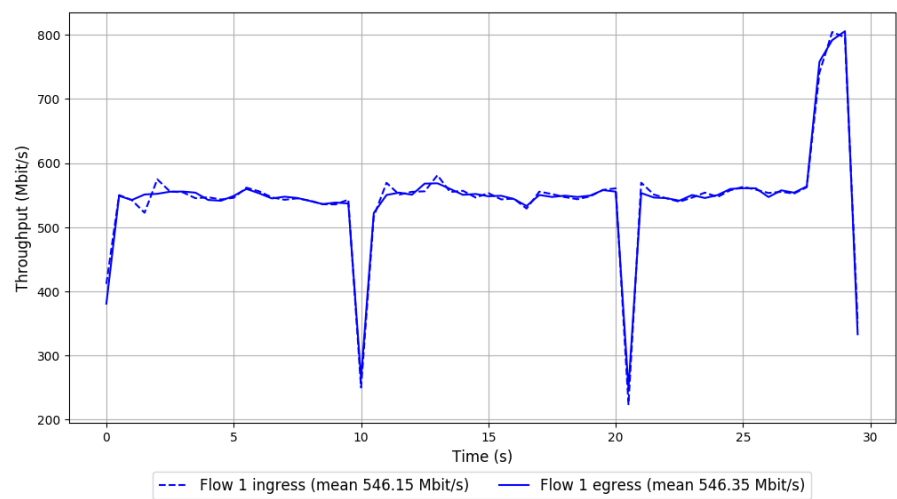


Run 9: Statistics of TCP BBR

Start at: 2017-08-16 21:34:58
End at: 2017-08-16 21:35:28
Local clock offset: 1.139 ms
Remote clock offset: -1.066 ms

Below is generated by plot.py at 2017-08-17 02:52:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 546.35 Mbit/s
95th percentile per-packet one-way delay: 26.871 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 546.35 Mbit/s
95th percentile per-packet one-way delay: 26.871 ms
Loss rate: 0.08%

Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

Start at: 2017-08-16 21:55:22

End at: 2017-08-16 21:55:52

Local clock offset: 1.227 ms

Remote clock offset: -1.055 ms

Below is generated by plot.py at 2017-08-17 02:53:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 629.22 Mbit/s

95th percentile per-packet one-way delay: 27.940 ms

Loss rate: 0.10%

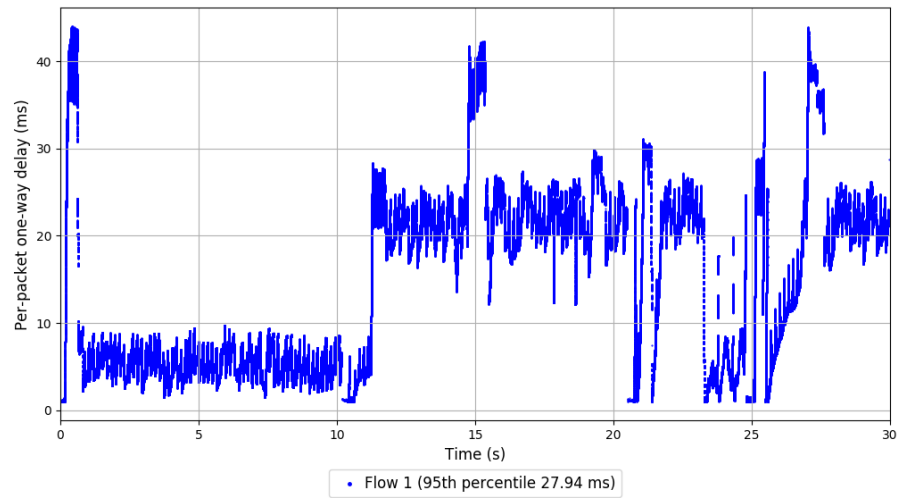
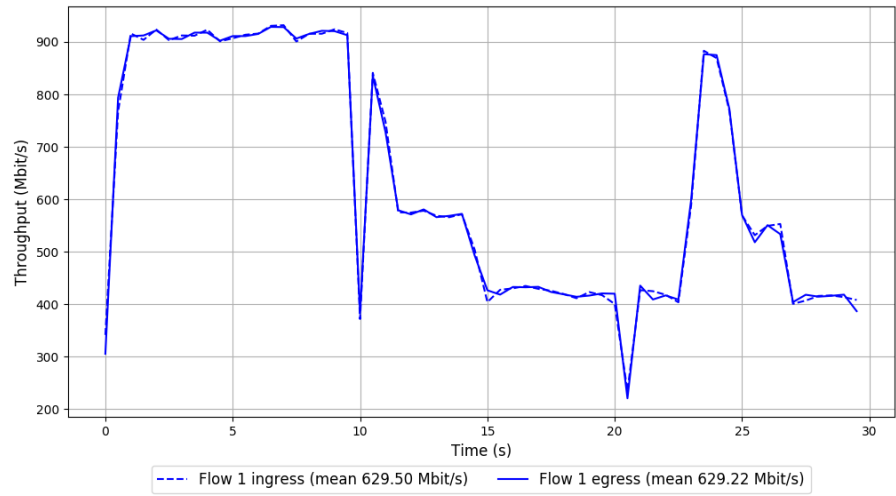
-- Flow 1:

Average throughput: 629.22 Mbit/s

95th percentile per-packet one-way delay: 27.940 ms

Loss rate: 0.10%

Run 10: Report of TCP BBR — Data Link

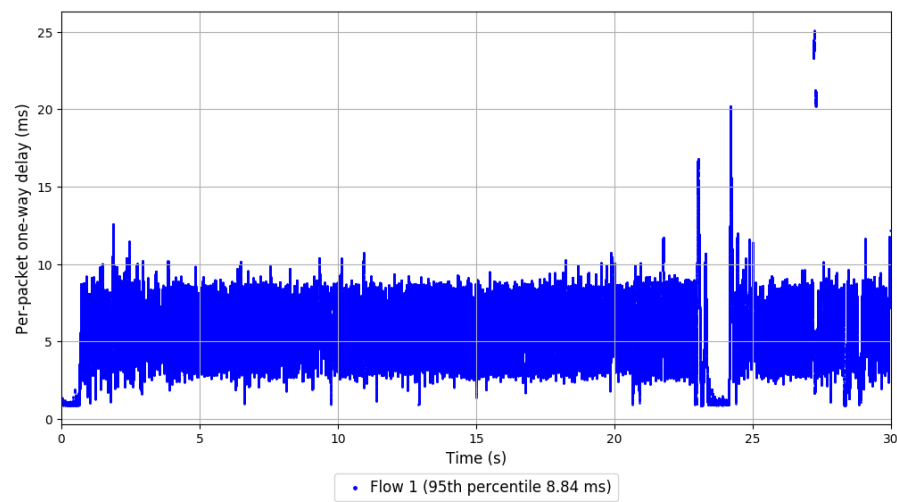
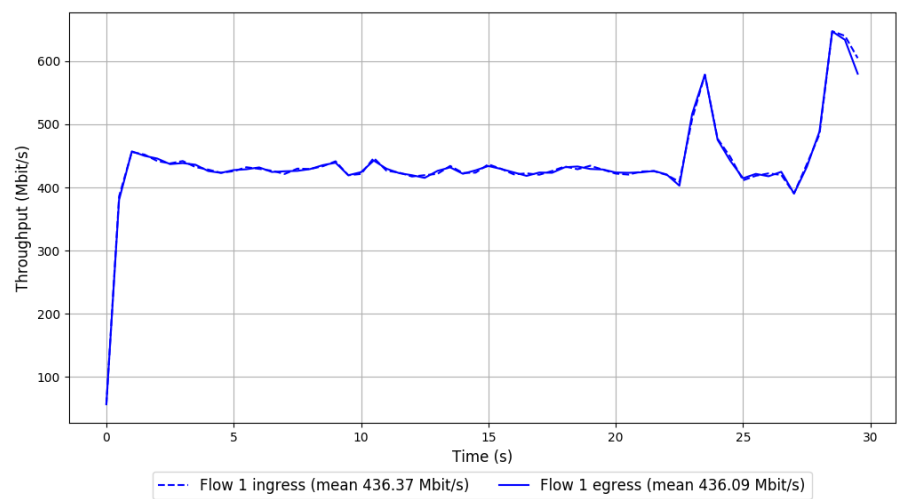


Run 1: Statistics of CalibratedKoho

Start at: 2017-08-16 18:43:00
End at: 2017-08-16 18:43:30
Local clock offset: 0.24 ms
Remote clock offset: -2.157 ms

Below is generated by plot.py at 2017-08-17 02:53:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 436.09 Mbit/s
95th percentile per-packet one-way delay: 8.842 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 436.09 Mbit/s
95th percentile per-packet one-way delay: 8.842 ms
Loss rate: 0.13%

Run 1: Report of CalibratedKoho — Data Link

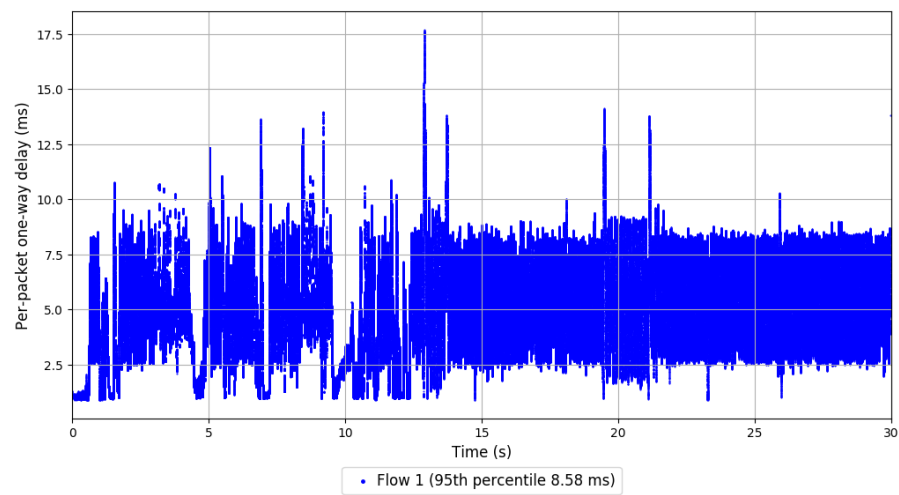
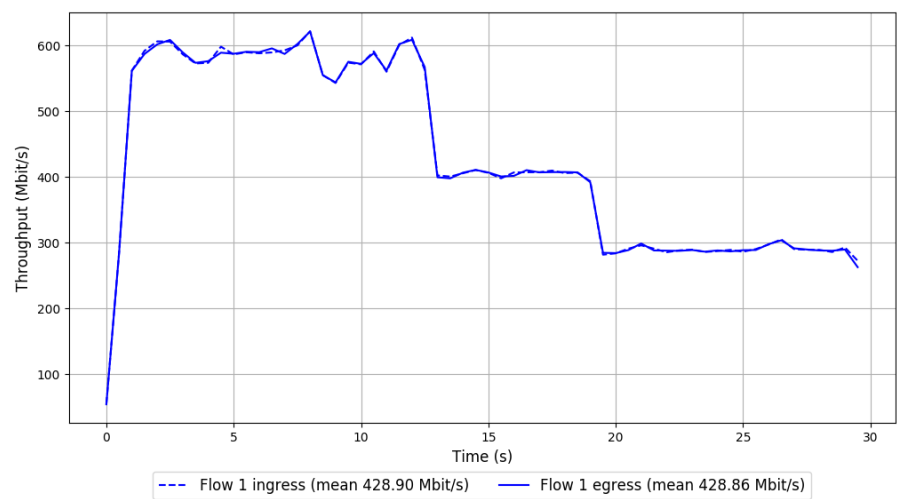


Run 2: Statistics of CalibratedKoho

Start at: 2017-08-16 19:03:52
End at: 2017-08-16 19:04:22
Local clock offset: 0.32 ms
Remote clock offset: -1.807 ms

Below is generated by plot.py at 2017-08-17 02:54:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 428.86 Mbit/s
95th percentile per-packet one-way delay: 8.584 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 428.86 Mbit/s
95th percentile per-packet one-way delay: 8.584 ms
Loss rate: 0.06%

Run 2: Report of CalibratedKoho — Data Link

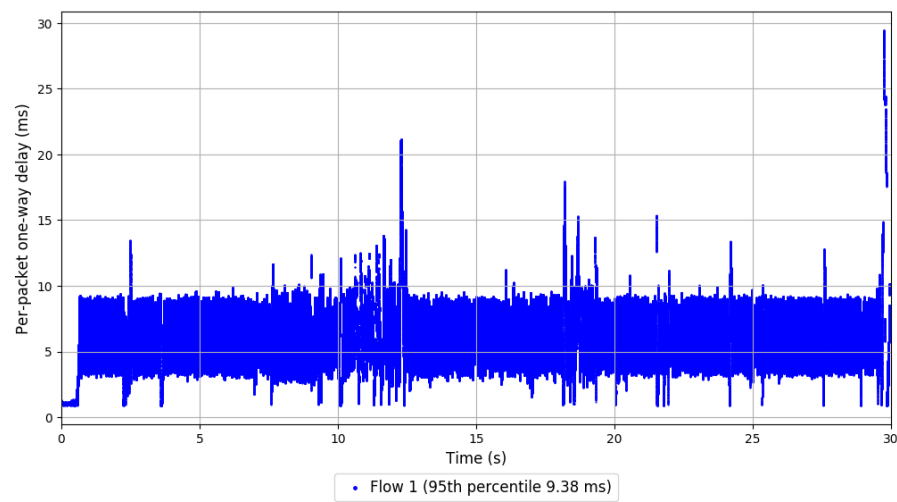
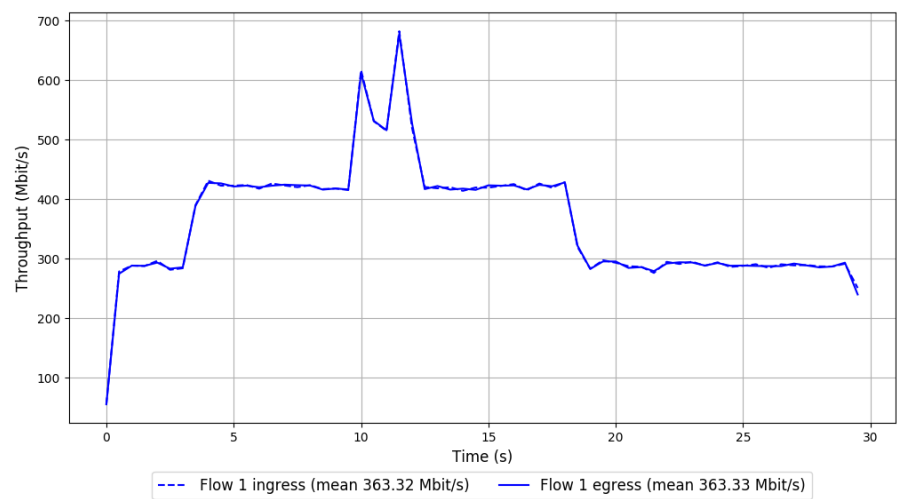


Run 3: Statistics of CalibratedKoho

Start at: 2017-08-16 19:24:50
End at: 2017-08-16 19:25:20
Local clock offset: 0.464 ms
Remote clock offset: -1.338 ms

Below is generated by plot.py at 2017-08-17 02:54:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 363.33 Mbit/s
95th percentile per-packet one-way delay: 9.383 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 363.33 Mbit/s
95th percentile per-packet one-way delay: 9.383 ms
Loss rate: 0.06%

Run 3: Report of CalibratedKoho — Data Link

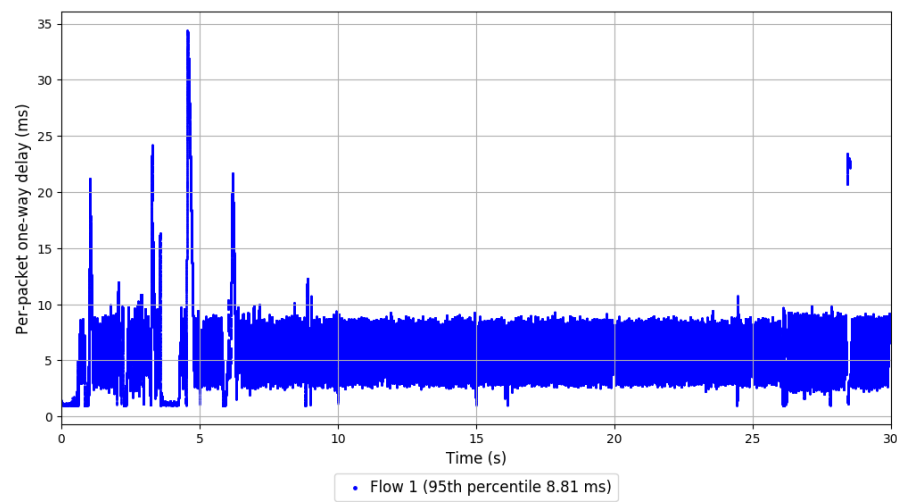
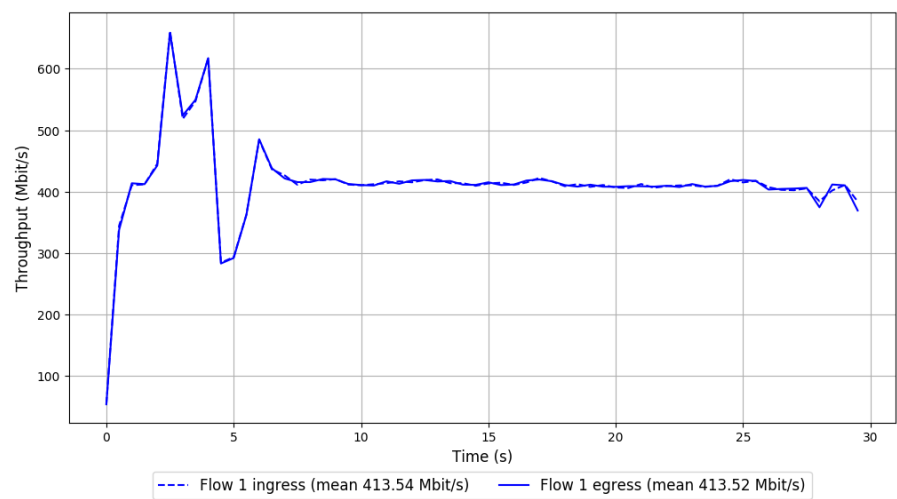


Run 4: Statistics of CalibratedKoho

Start at: 2017-08-16 19:45:27
End at: 2017-08-16 19:45:57
Local clock offset: 0.91 ms
Remote clock offset: -1.462 ms

Below is generated by plot.py at 2017-08-17 02:55:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 413.52 Mbit/s
95th percentile per-packet one-way delay: 8.807 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 413.52 Mbit/s
95th percentile per-packet one-way delay: 8.807 ms
Loss rate: 0.07%

Run 4: Report of CalibratedKoho — Data Link

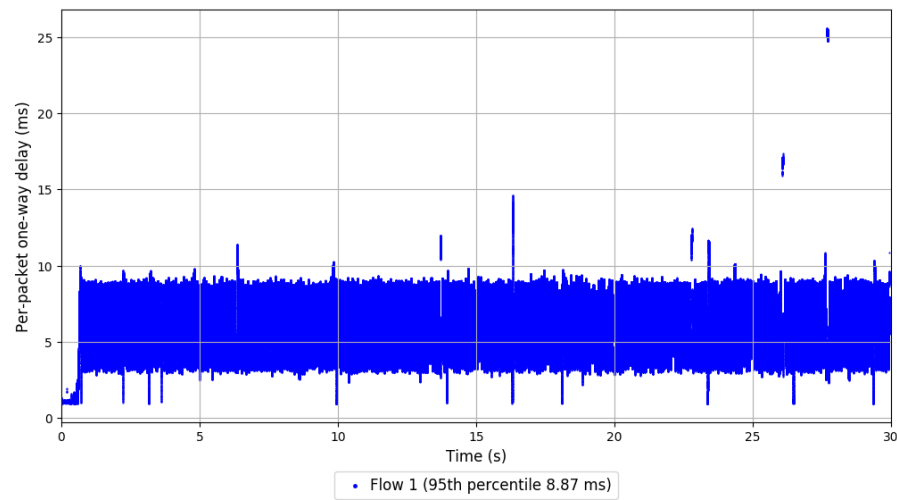
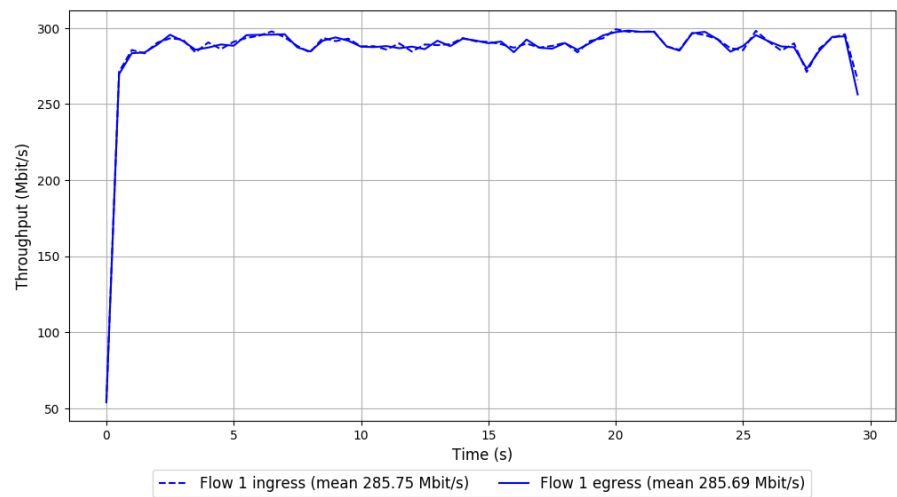


Run 5: Statistics of CalibratedKoho

Start at: 2017-08-16 20:06:06
End at: 2017-08-16 20:06:37
Local clock offset: 1.119 ms
Remote clock offset: -1.576 ms

Below is generated by plot.py at 2017-08-17 02:55:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 285.69 Mbit/s
95th percentile per-packet one-way delay: 8.871 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 285.69 Mbit/s
95th percentile per-packet one-way delay: 8.871 ms
Loss rate: 0.08%

Run 5: Report of CalibratedKoho — Data Link

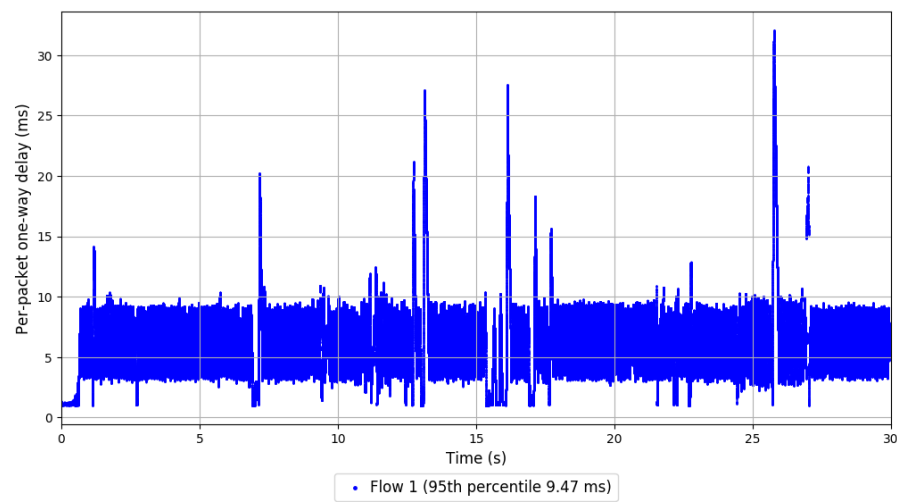
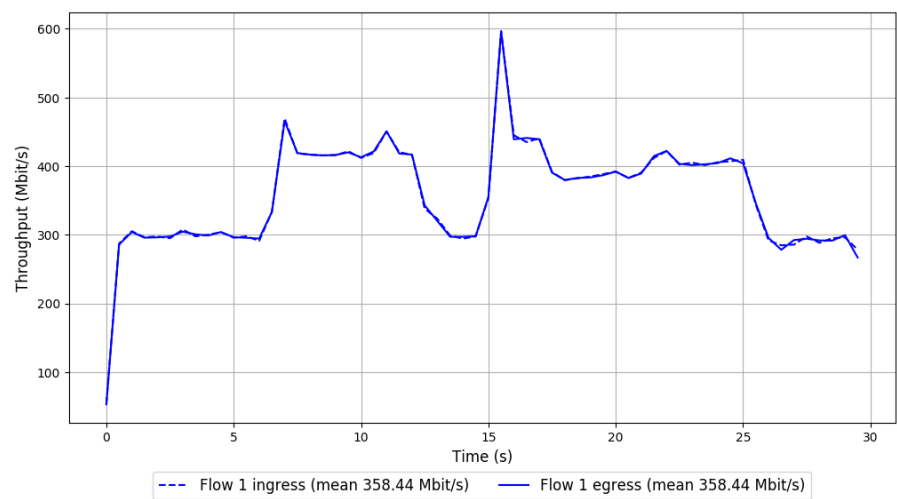


Run 6: Statistics of CalibratedKoho

Start at: 2017-08-16 20:26:50
End at: 2017-08-16 20:27:20
Local clock offset: 1.418 ms
Remote clock offset: -1.451 ms

Below is generated by plot.py at 2017-08-17 02:55:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 358.44 Mbit/s
95th percentile per-packet one-way delay: 9.472 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 358.44 Mbit/s
95th percentile per-packet one-way delay: 9.472 ms
Loss rate: 0.06%

Run 6: Report of CalibratedKoho — Data Link

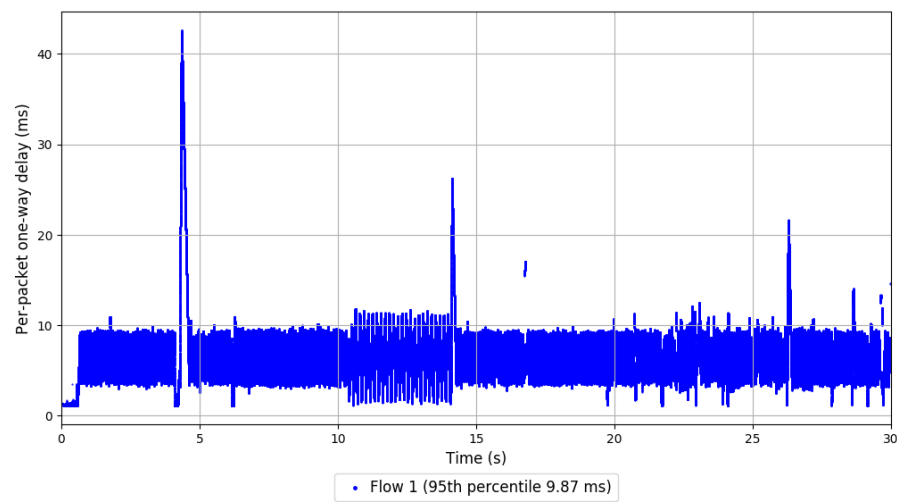
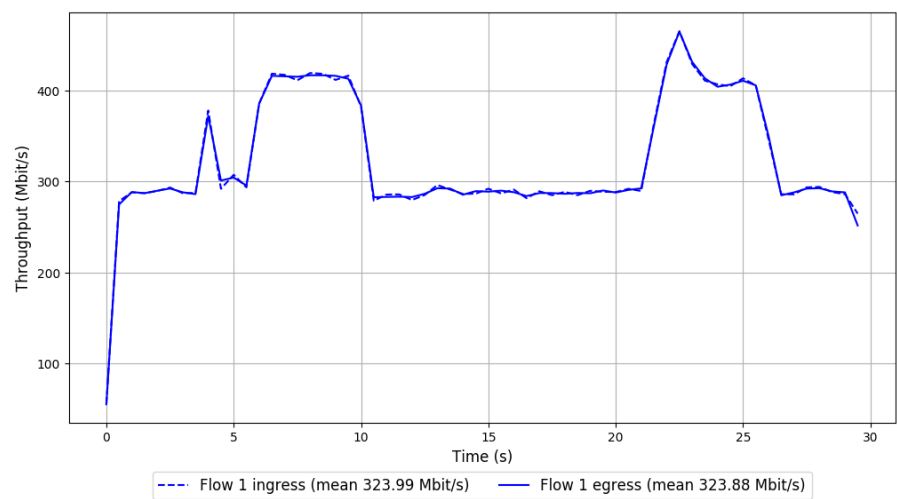


Run 7: Statistics of CalibratedKoho

Start at: 2017-08-16 20:47:39
End at: 2017-08-16 20:48:09
Local clock offset: 1.68 ms
Remote clock offset: -1.341 ms

Below is generated by plot.py at 2017-08-17 02:56:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 323.88 Mbit/s
95th percentile per-packet one-way delay: 9.868 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 323.88 Mbit/s
95th percentile per-packet one-way delay: 9.868 ms
Loss rate: 0.08%

Run 7: Report of CalibratedKoho — Data Link

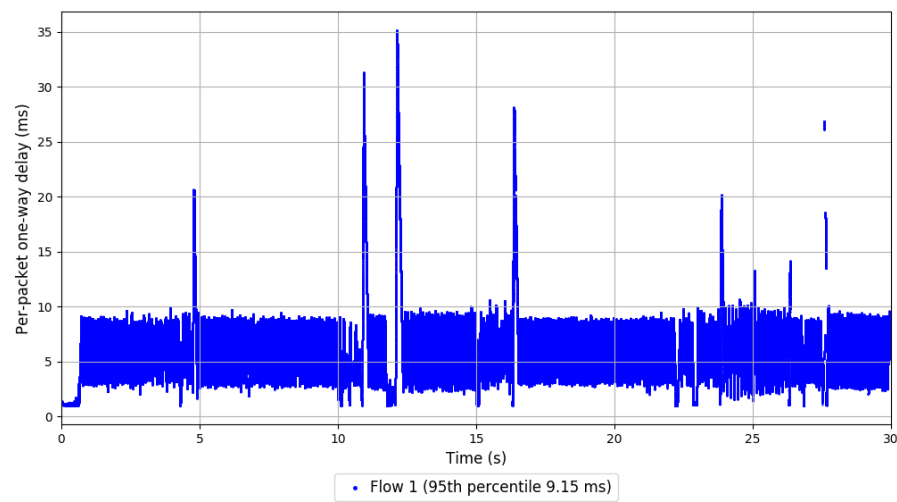
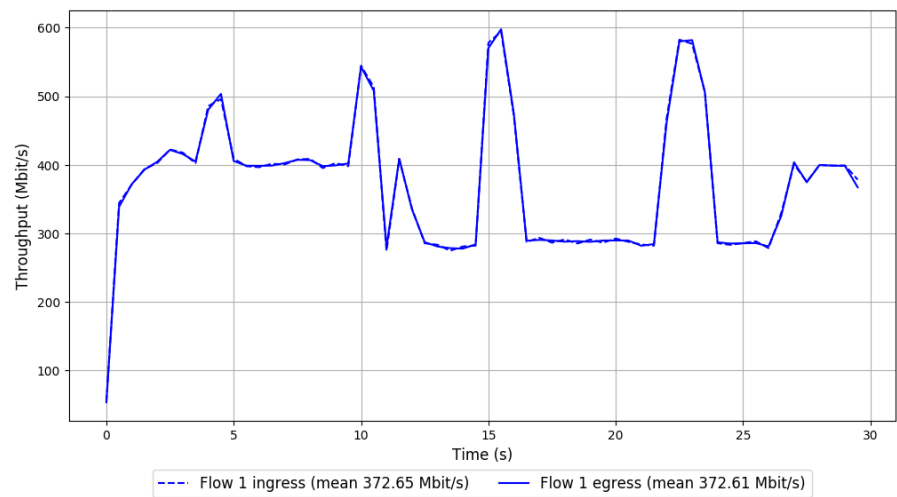


Run 8: Statistics of CalibratedKoho

Start at: 2017-08-16 21:08:16
End at: 2017-08-16 21:08:47
Local clock offset: 1.266 ms
Remote clock offset: -1.273 ms

Below is generated by plot.py at 2017-08-17 02:56:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 372.61 Mbit/s
95th percentile per-packet one-way delay: 9.147 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 372.61 Mbit/s
95th percentile per-packet one-way delay: 9.147 ms
Loss rate: 0.07%

Run 8: Report of CalibratedKoho — Data Link



Run 9: Statistics of CalibratedKoho

Start at: 2017-08-16 21:29:16

End at: 2017-08-16 21:29:46

Local clock offset: 1.035 ms

Remote clock offset: -1.07 ms

Below is generated by plot.py at 2017-08-17 02:56:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 392.27 Mbit/s

95th percentile per-packet one-way delay: 9.476 ms

Loss rate: 0.10%

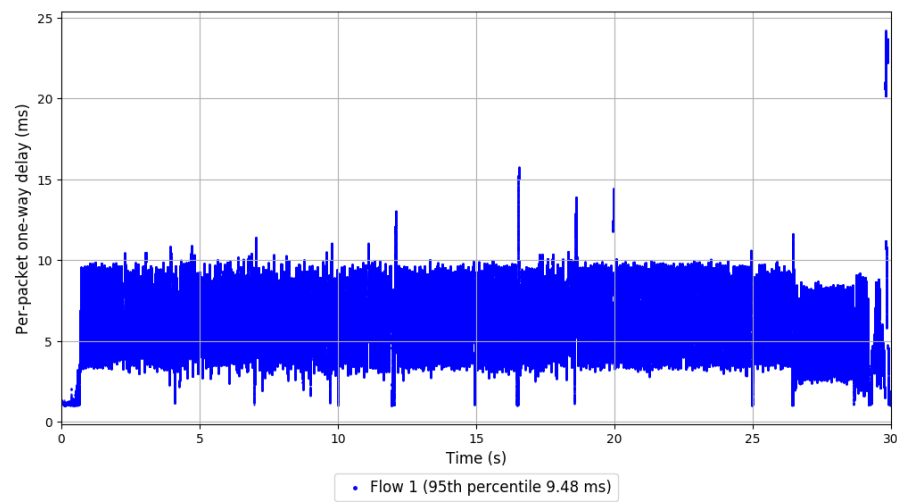
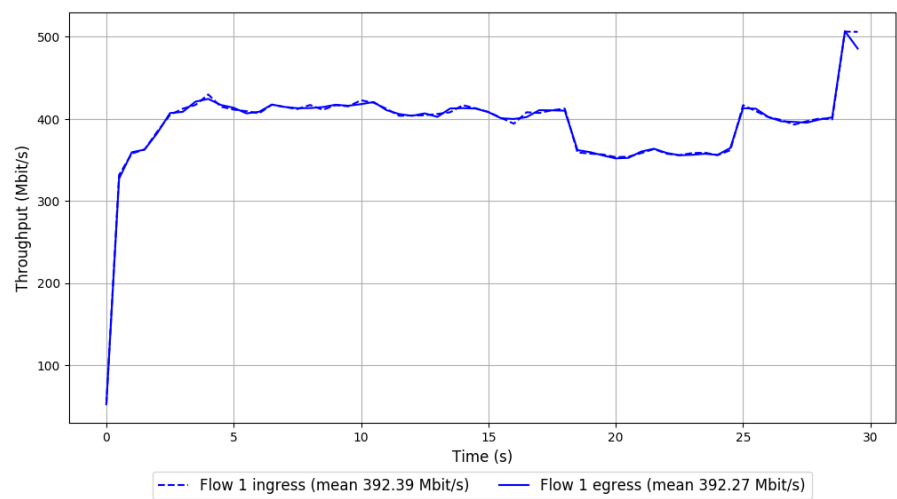
-- Flow 1:

Average throughput: 392.27 Mbit/s

95th percentile per-packet one-way delay: 9.476 ms

Loss rate: 0.10%

Run 9: Report of CalibratedKoho — Data Link

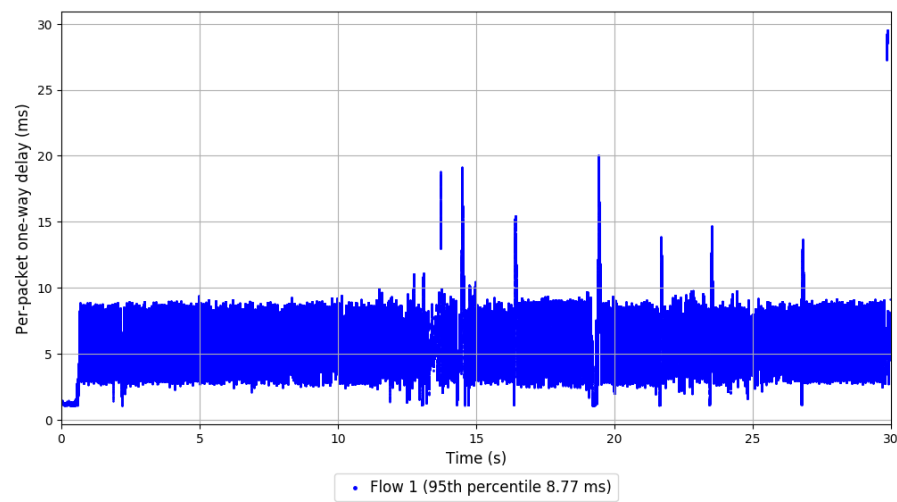
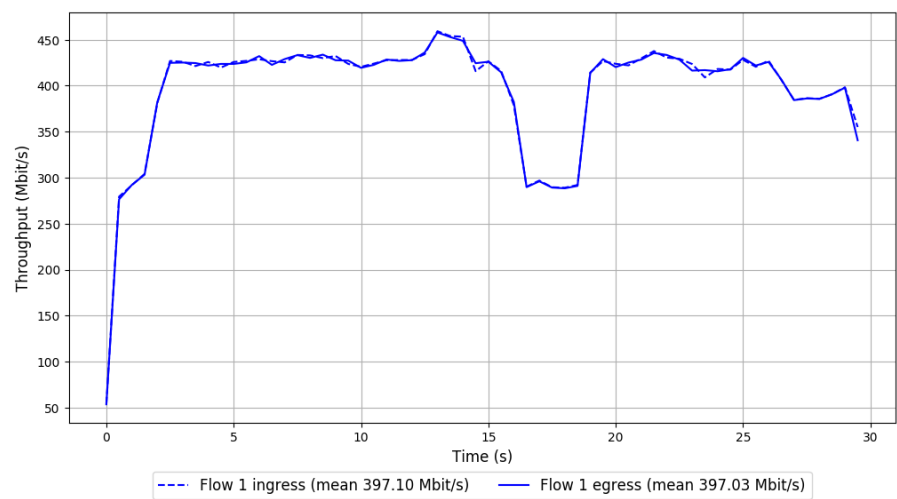


Run 10: Statistics of CalibratedKoho

Start at: 2017-08-16 21:49:48
End at: 2017-08-16 21:50:18
Local clock offset: 1.298 ms
Remote clock offset: -1.136 ms

Below is generated by plot.py at 2017-08-17 02:57:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 397.03 Mbit/s
95th percentile per-packet one-way delay: 8.771 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 397.03 Mbit/s
95th percentile per-packet one-way delay: 8.771 ms
Loss rate: 0.08%

Run 10: Report of CalibratedKoho — Data Link

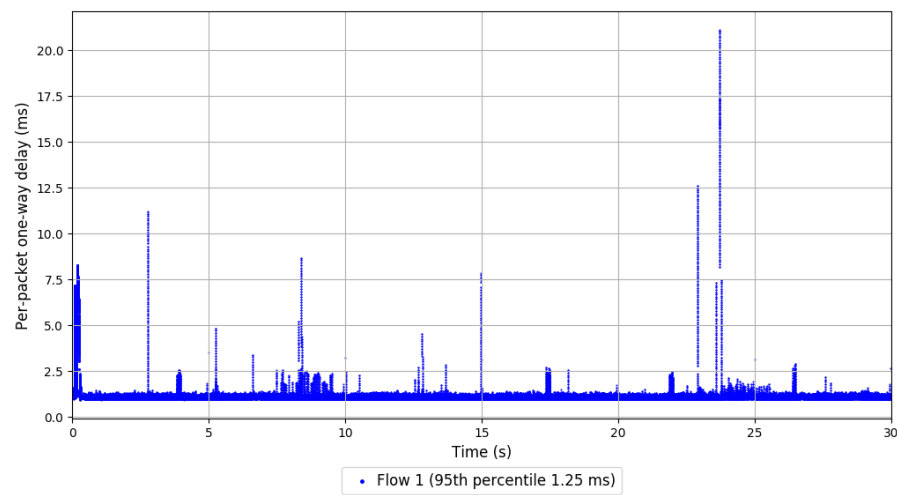
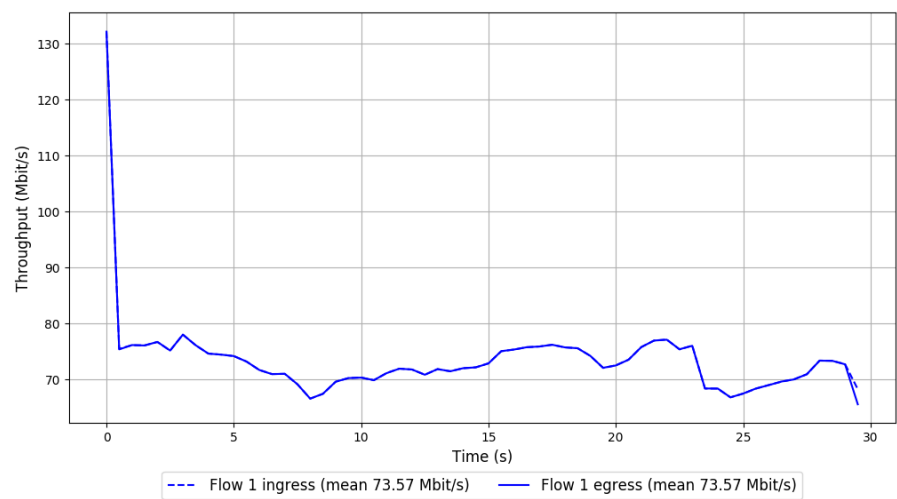


Run 1: Statistics of Copa

Start at: 2017-08-16 18:44:37
End at: 2017-08-16 18:45:07
Local clock offset: 0.338 ms
Remote clock offset: -2.189 ms

Below is generated by plot.py at 2017-08-17 02:57:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 73.57 Mbit/s
95th percentile per-packet one-way delay: 1.247 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 73.57 Mbit/s
95th percentile per-packet one-way delay: 1.247 ms
Loss rate: 0.07%

Run 1: Report of Copa — Data Link

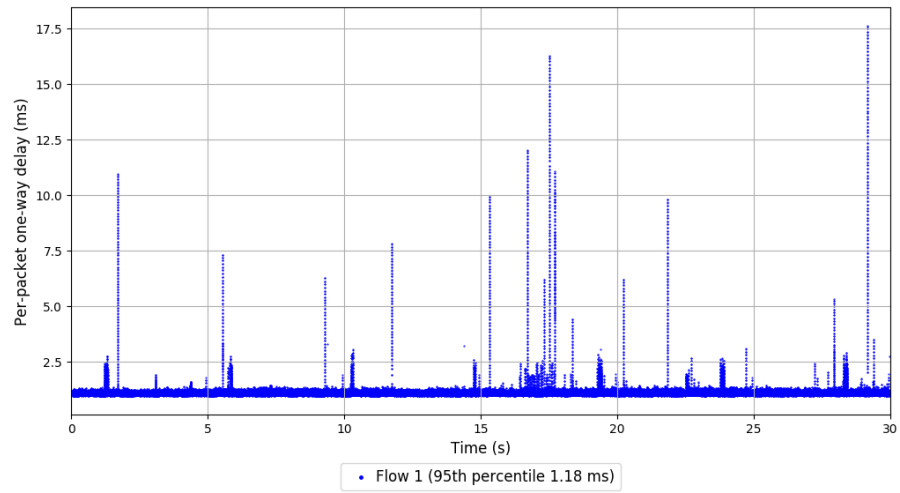
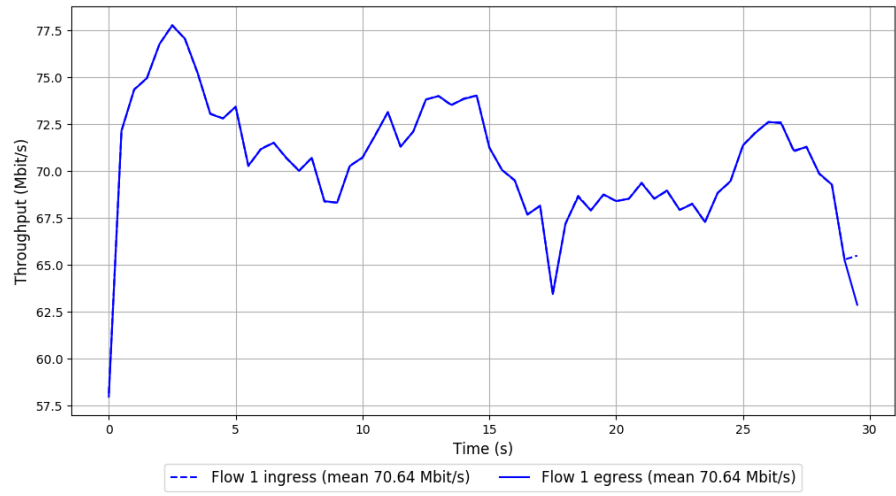


Run 2: Statistics of Copa

Start at: 2017-08-16 19:05:28
End at: 2017-08-16 19:05:58
Local clock offset: 0.327 ms
Remote clock offset: -1.835 ms

Below is generated by plot.py at 2017-08-17 02:57:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 70.64 Mbit/s
95th percentile per-packet one-way delay: 1.182 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 70.64 Mbit/s
95th percentile per-packet one-way delay: 1.182 ms
Loss rate: 0.07%

Run 2: Report of Copa — Data Link

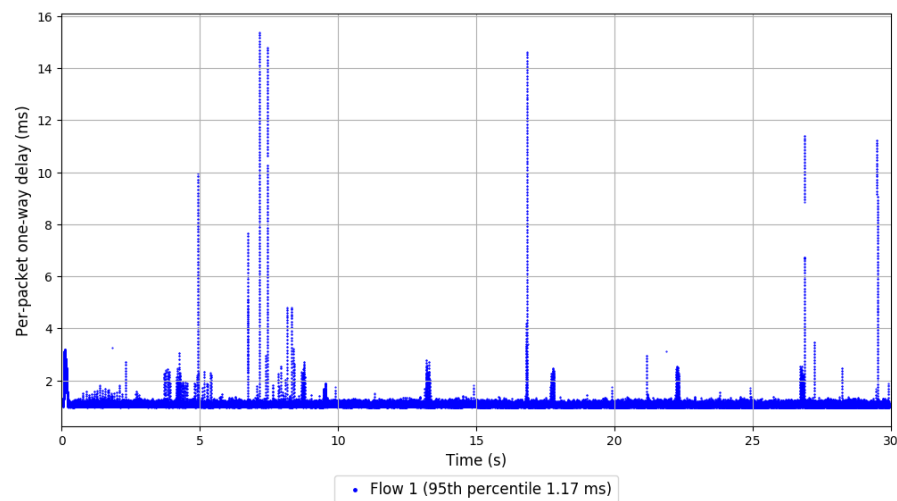
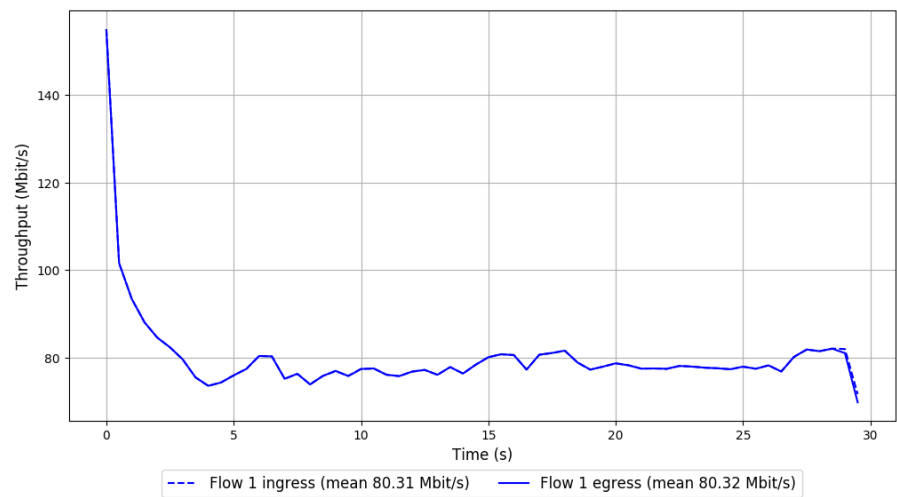


Run 3: Statistics of Copa

Start at: 2017-08-16 19:26:23
End at: 2017-08-16 19:26:53
Local clock offset: 0.591 ms
Remote clock offset: -1.369 ms

Below is generated by plot.py at 2017-08-17 02:57:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.32 Mbit/s
95th percentile per-packet one-way delay: 1.174 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 80.32 Mbit/s
95th percentile per-packet one-way delay: 1.174 ms
Loss rate: 0.06%

Run 3: Report of Copa — Data Link

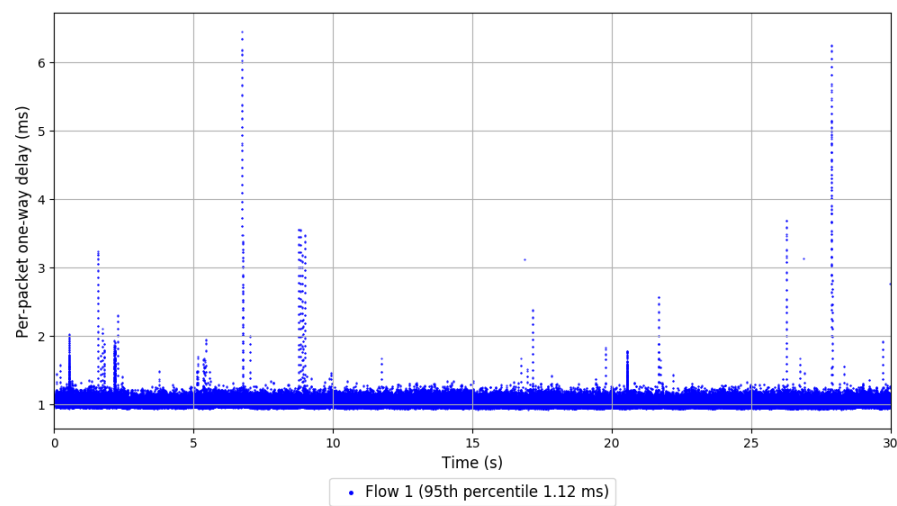
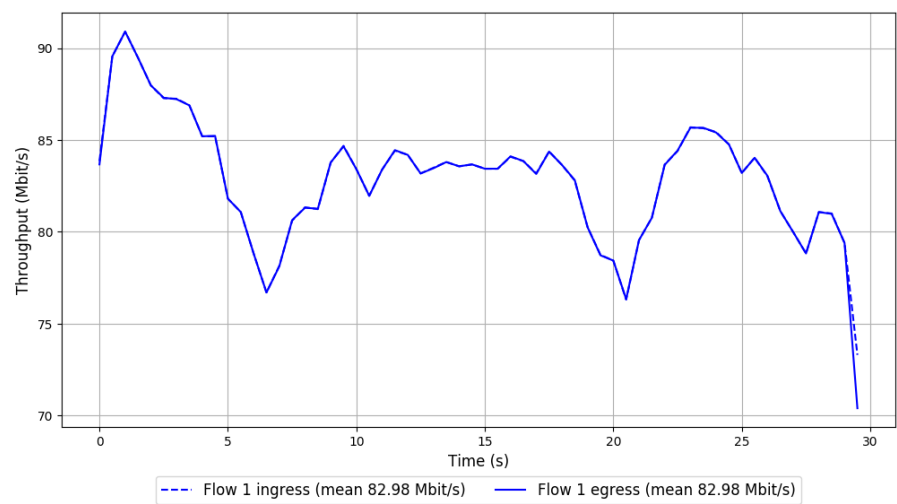


Run 4: Statistics of Copa

Start at: 2017-08-16 19:47:02
End at: 2017-08-16 19:47:32
Local clock offset: 0.947 ms
Remote clock offset: -1.465 ms

Below is generated by plot.py at 2017-08-17 02:57:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.98 Mbit/s
95th percentile per-packet one-way delay: 1.116 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 82.98 Mbit/s
95th percentile per-packet one-way delay: 1.116 ms
Loss rate: 0.06%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: 2017-08-16 20:07:34

End at: 2017-08-16 20:08:04

Local clock offset: 1.153 ms

Remote clock offset: -1.601 ms

Below is generated by plot.py at 2017-08-17 02:58:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.56 Mbit/s

95th percentile per-packet one-way delay: 1.146 ms

Loss rate: 0.07%

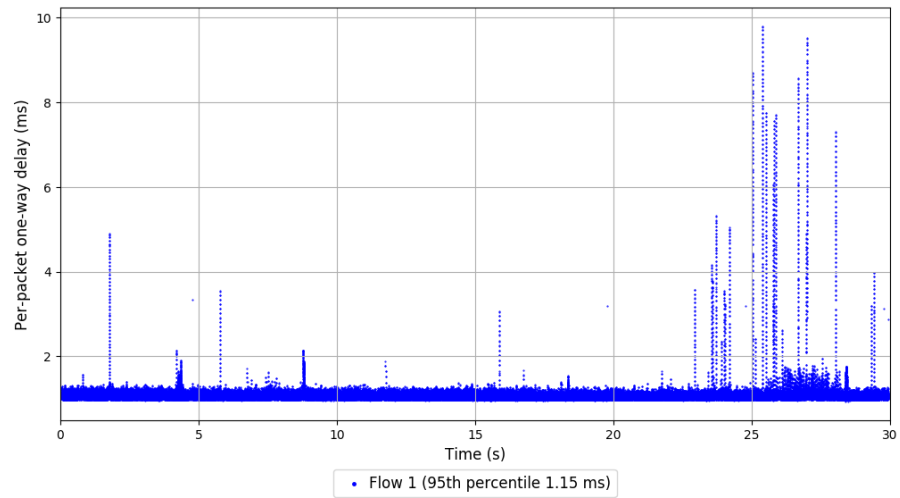
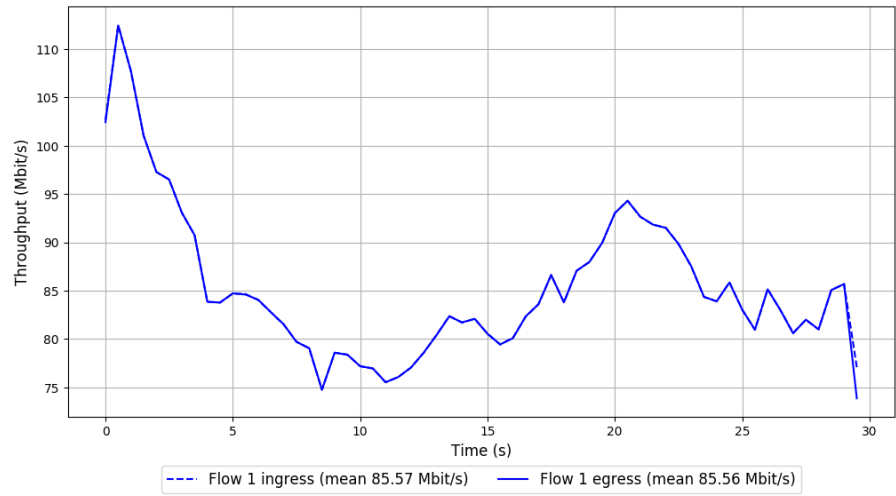
-- Flow 1:

Average throughput: 85.56 Mbit/s

95th percentile per-packet one-way delay: 1.146 ms

Loss rate: 0.07%

Run 5: Report of Copa — Data Link

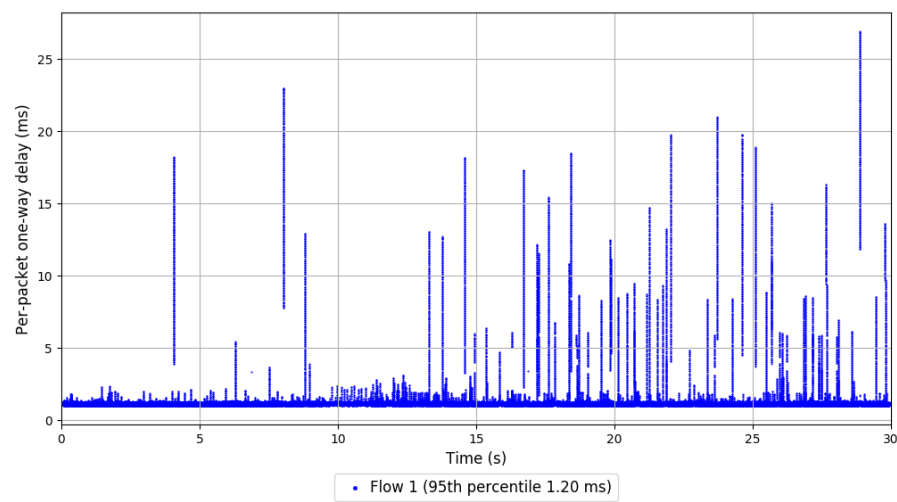
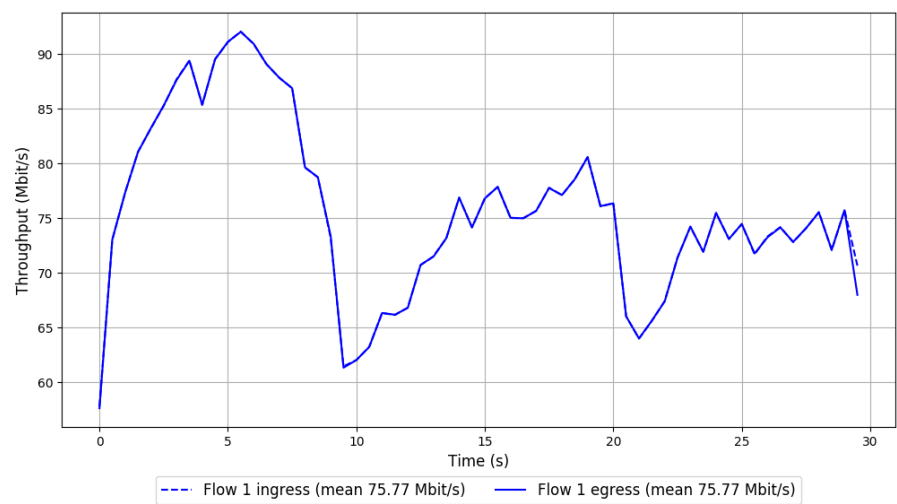


Run 6: Statistics of Copa

Start at: 2017-08-16 20:28:22
End at: 2017-08-16 20:28:52
Local clock offset: 1.514 ms
Remote clock offset: -1.383 ms

Below is generated by plot.py at 2017-08-17 02:58:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 75.77 Mbit/s
95th percentile per-packet one-way delay: 1.199 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 75.77 Mbit/s
95th percentile per-packet one-way delay: 1.199 ms
Loss rate: 0.06%

Run 6: Report of Copa — Data Link

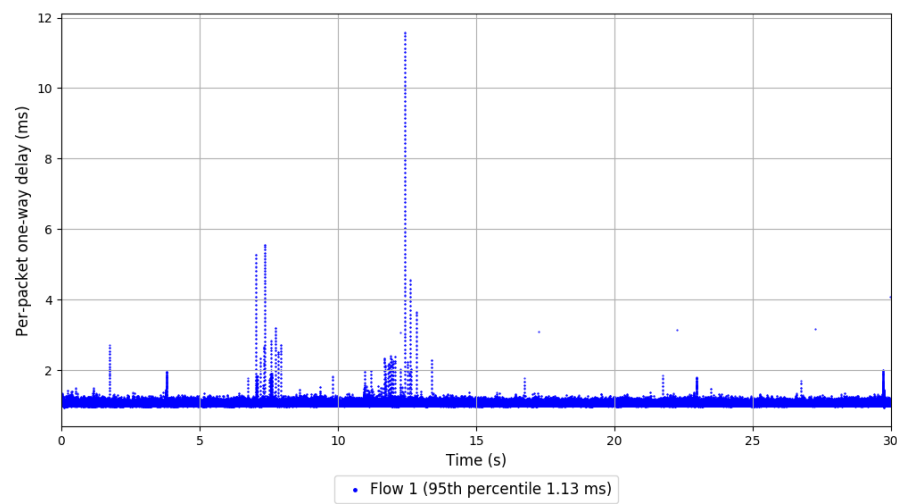
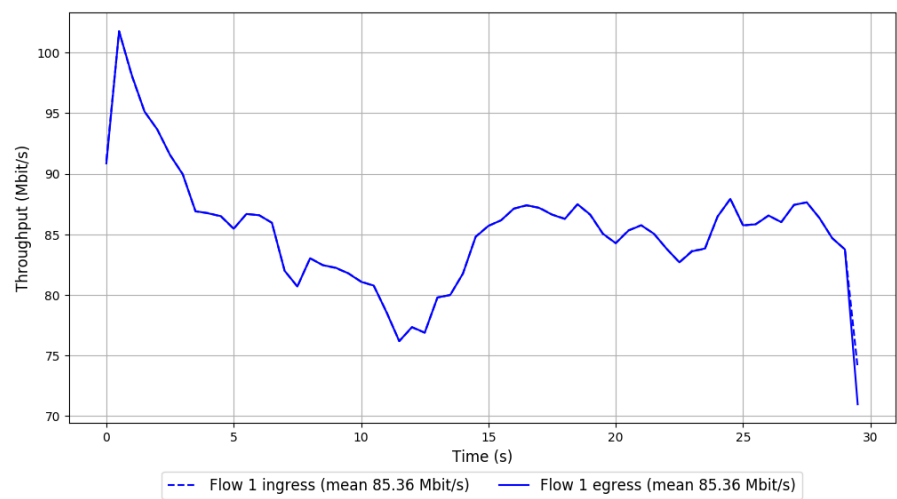


Run 7: Statistics of Copa

Start at: 2017-08-16 20:49:09
End at: 2017-08-16 20:49:39
Local clock offset: 1.587 ms
Remote clock offset: -1.345 ms

Below is generated by plot.py at 2017-08-17 02:58:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 85.36 Mbit/s
95th percentile per-packet one-way delay: 1.128 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 85.36 Mbit/s
95th percentile per-packet one-way delay: 1.128 ms
Loss rate: 0.06%

Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

Start at: 2017-08-16 21:09:50

End at: 2017-08-16 21:10:20

Local clock offset: 1.305 ms

Remote clock offset: -1.21 ms

Below is generated by plot.py at 2017-08-17 02:58:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.93 Mbit/s

95th percentile per-packet one-way delay: 1.148 ms

Loss rate: 0.07%

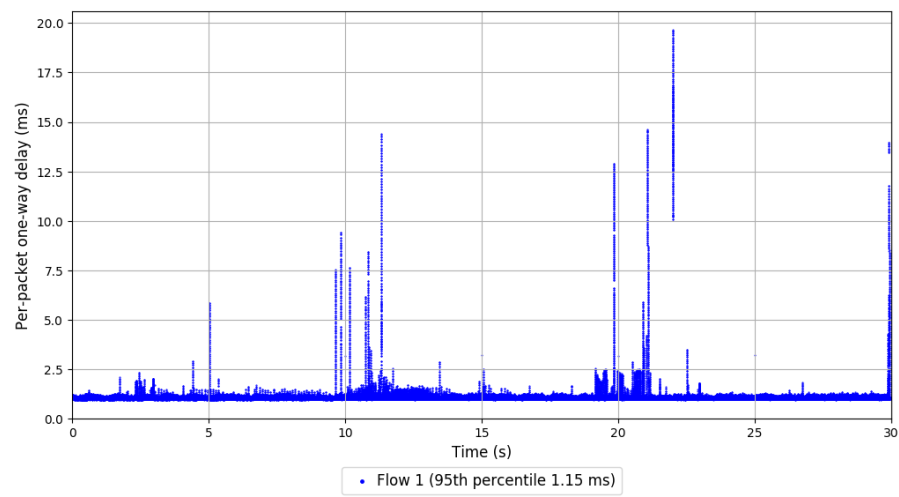
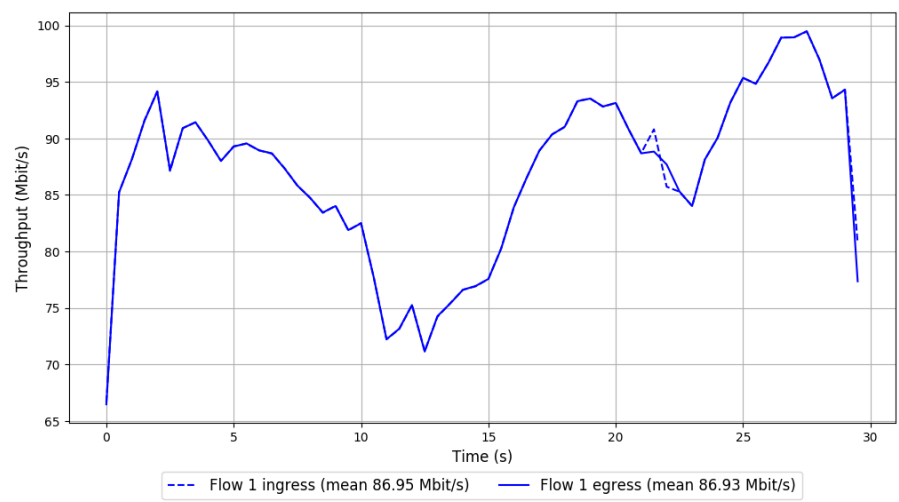
-- Flow 1:

Average throughput: 86.93 Mbit/s

95th percentile per-packet one-way delay: 1.148 ms

Loss rate: 0.07%

Run 8: Report of Copa — Data Link

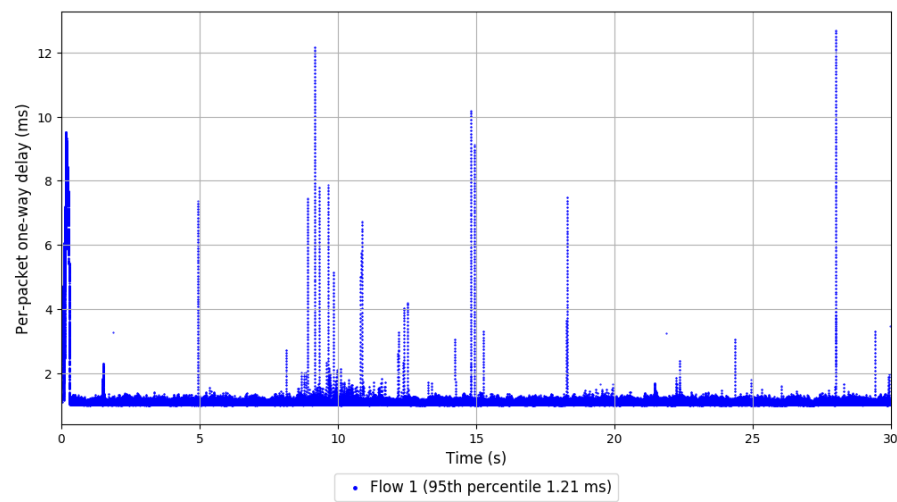
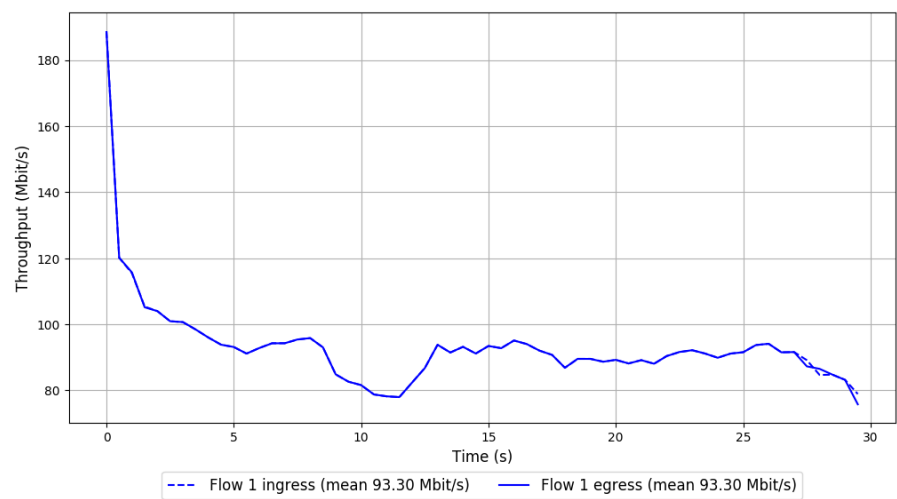


Run 9: Statistics of Copa

Start at: 2017-08-16 21:30:51
End at: 2017-08-16 21:31:21
Local clock offset: 1.131 ms
Remote clock offset: -0.985 ms

Below is generated by plot.py at 2017-08-17 02:58:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.30 Mbit/s
95th percentile per-packet one-way delay: 1.209 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 93.30 Mbit/s
95th percentile per-packet one-way delay: 1.209 ms
Loss rate: 0.06%

Run 9: Report of Copa — Data Link

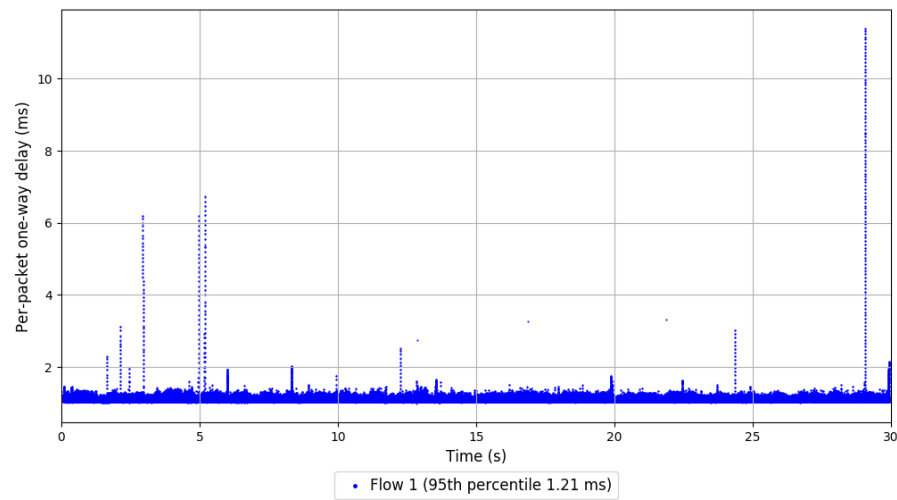
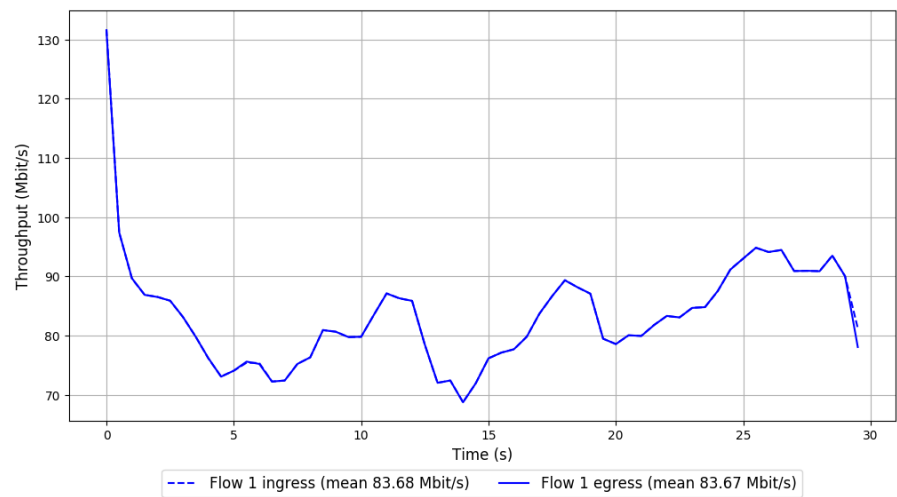


Run 10: Statistics of Copa

Start at: 2017-08-16 21:51:23
End at: 2017-08-16 21:51:53
Local clock offset: 1.291 ms
Remote clock offset: -1.127 ms

Below is generated by plot.py at 2017-08-17 02:58:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.67 Mbit/s
95th percentile per-packet one-way delay: 1.207 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 83.67 Mbit/s
95th percentile per-packet one-way delay: 1.207 ms
Loss rate: 0.07%

Run 10: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

Start at: 2017-08-16 18:51:28

End at: 2017-08-16 18:51:58

Local clock offset: 0.337 ms

Remote clock offset: -2.21 ms

Below is generated by plot.py at 2017-08-17 03:00:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 626.16 Mbit/s

95th percentile per-packet one-way delay: 30.354 ms

Loss rate: 0.11%

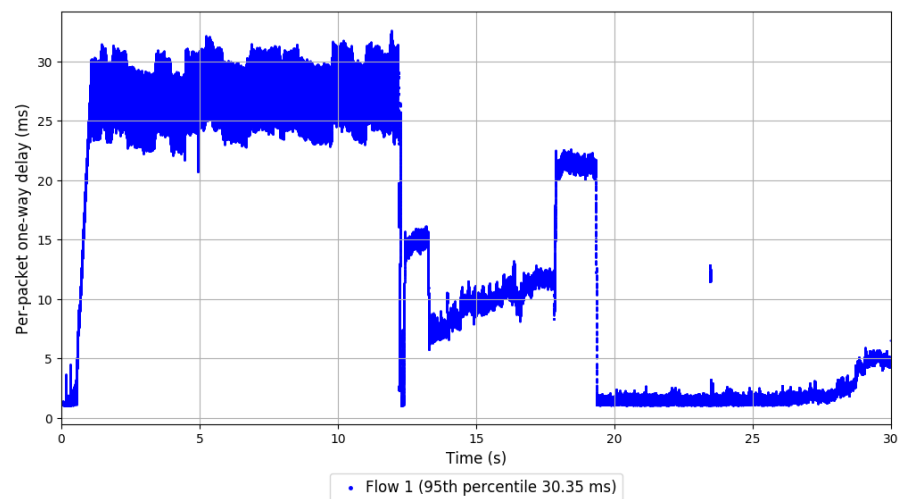
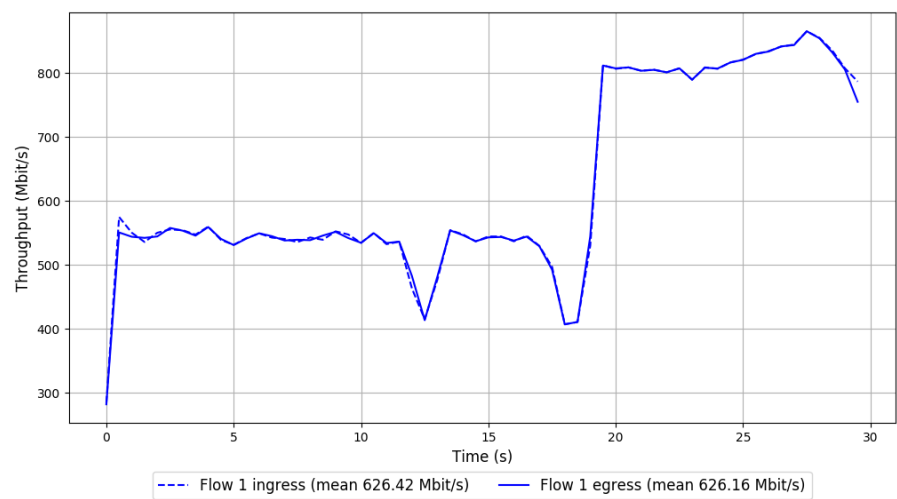
-- Flow 1:

Average throughput: 626.16 Mbit/s

95th percentile per-packet one-way delay: 30.354 ms

Loss rate: 0.11%

Run 1: Report of TCP Cubic — Data Link

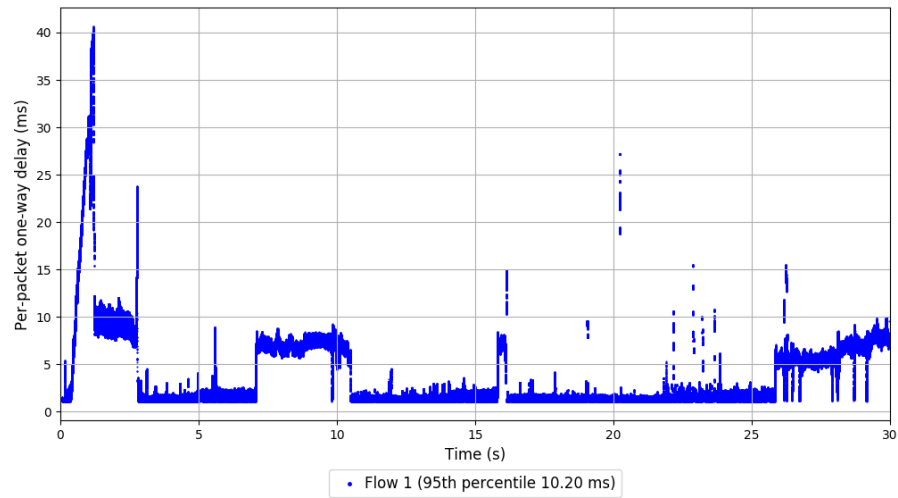
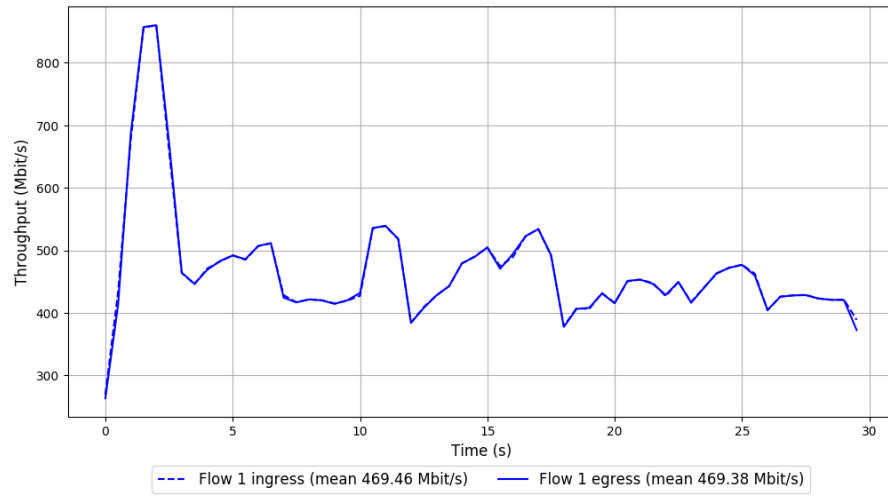


Run 2: Statistics of TCP Cubic

Start at: 2017-08-16 19:12:23
End at: 2017-08-16 19:12:53
Local clock offset: 0.514 ms
Remote clock offset: -1.617 ms

Below is generated by plot.py at 2017-08-17 03:00:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 469.38 Mbit/s
95th percentile per-packet one-way delay: 10.200 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 469.38 Mbit/s
95th percentile per-packet one-way delay: 10.200 ms
Loss rate: 0.08%

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: 2017-08-16 19:33:07

End at: 2017-08-16 19:33:37

Local clock offset: 0.658 ms

Remote clock offset: -1.42 ms

Below is generated by plot.py at 2017-08-17 03:00:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 466.52 Mbit/s

95th percentile per-packet one-way delay: 11.112 ms

Loss rate: 0.08%

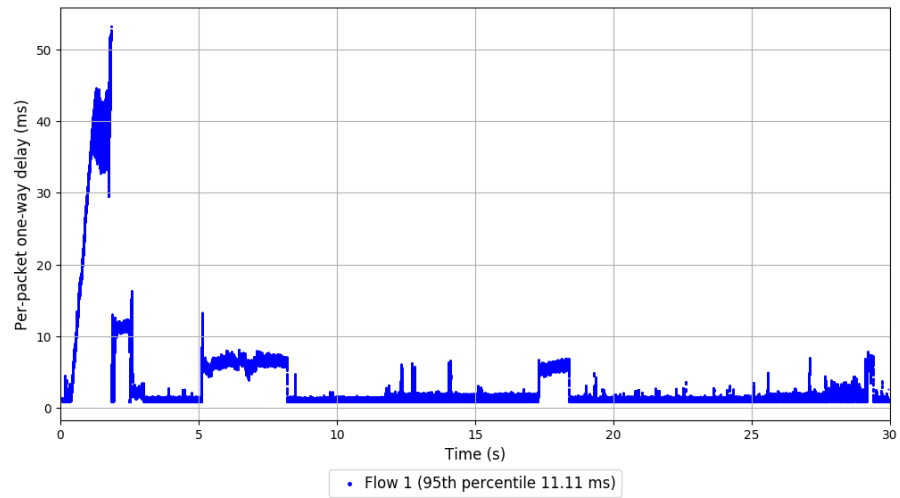
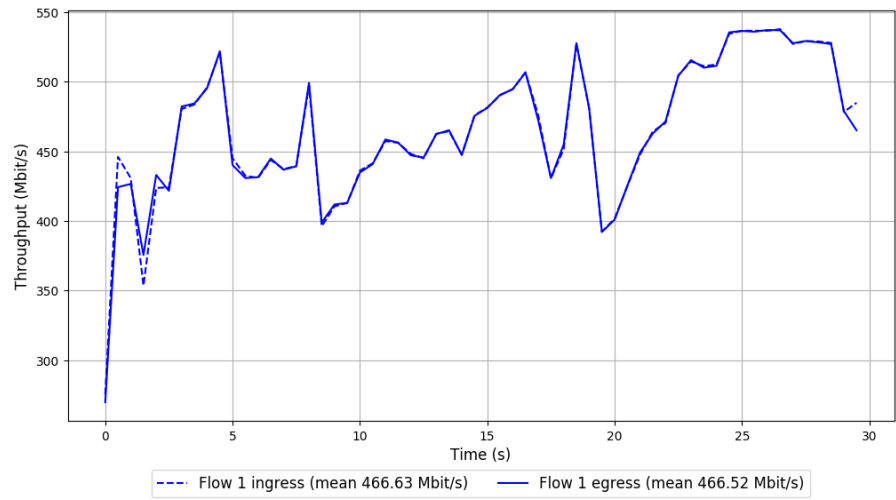
-- Flow 1:

Average throughput: 466.52 Mbit/s

95th percentile per-packet one-way delay: 11.112 ms

Loss rate: 0.08%

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: 2017-08-16 19:53:47

End at: 2017-08-16 19:54:17

Local clock offset: 0.945 ms

Remote clock offset: -1.5 ms

Below is generated by plot.py at 2017-08-17 03:01:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 595.85 Mbit/s

95th percentile per-packet one-way delay: 22.530 ms

Loss rate: 0.09%

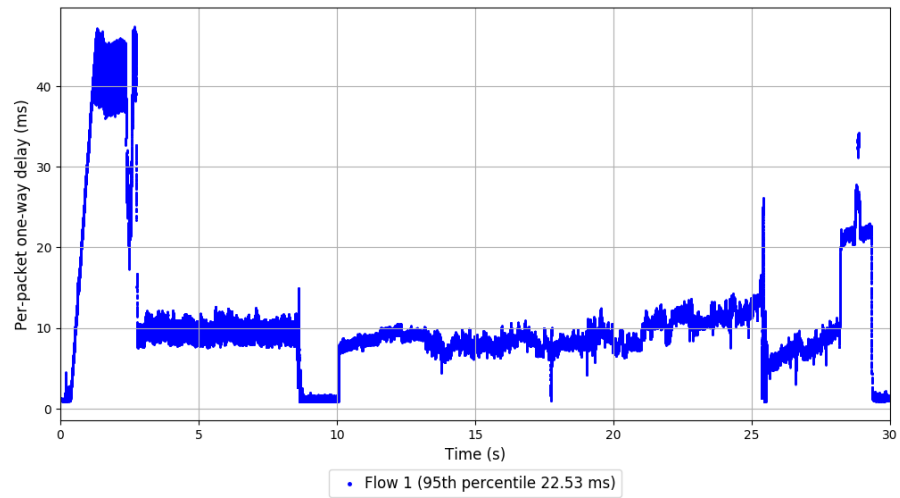
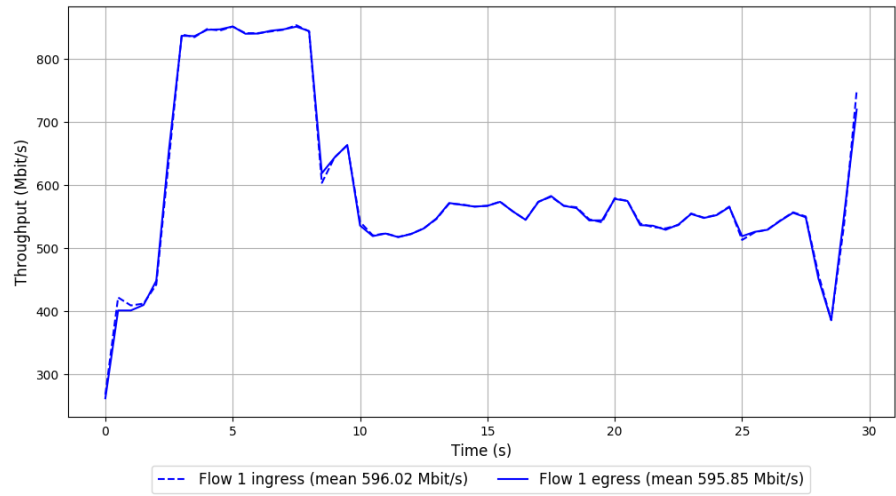
-- Flow 1:

Average throughput: 595.85 Mbit/s

95th percentile per-packet one-way delay: 22.530 ms

Loss rate: 0.09%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: 2017-08-16 20:14:28

End at: 2017-08-16 20:14:58

Local clock offset: 1.362 ms

Remote clock offset: -1.52 ms

Below is generated by plot.py at 2017-08-17 03:01:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 554.26 Mbit/s

95th percentile per-packet one-way delay: 39.392 ms

Loss rate: 0.15%

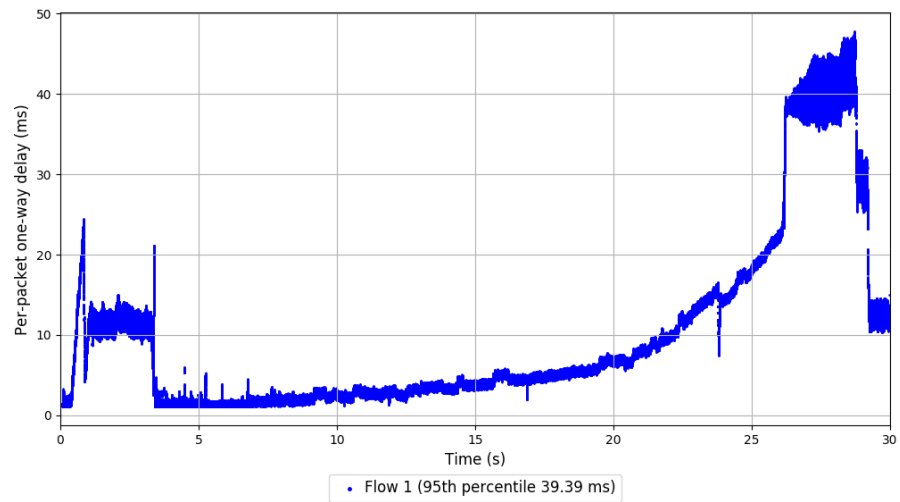
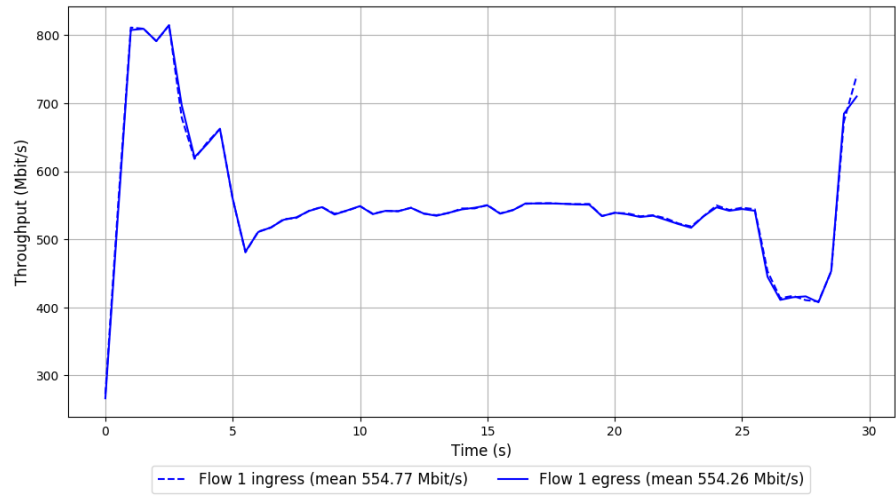
-- Flow 1:

Average throughput: 554.26 Mbit/s

95th percentile per-packet one-way delay: 39.392 ms

Loss rate: 0.15%

Run 5: Report of TCP Cubic — Data Link

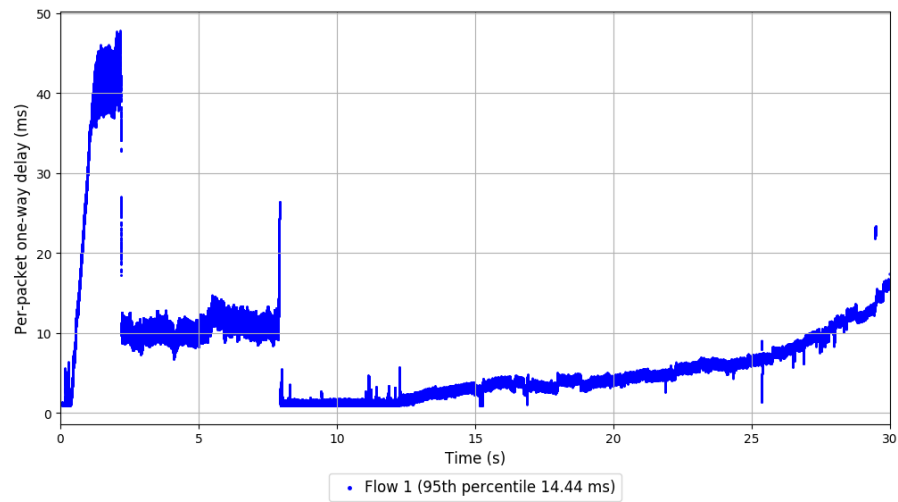
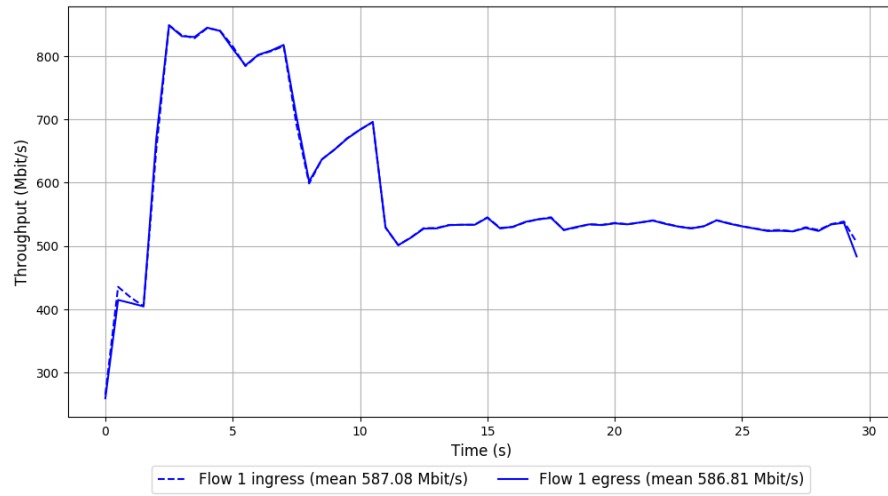


Run 6: Statistics of TCP Cubic

Start at: 2017-08-16 20:35:13
End at: 2017-08-16 20:35:43
Local clock offset: 1.474 ms
Remote clock offset: -1.391 ms

Below is generated by plot.py at 2017-08-17 03:02:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 586.81 Mbit/s
95th percentile per-packet one-way delay: 14.435 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 586.81 Mbit/s
95th percentile per-packet one-way delay: 14.435 ms
Loss rate: 0.11%

Run 6: Report of TCP Cubic — Data Link

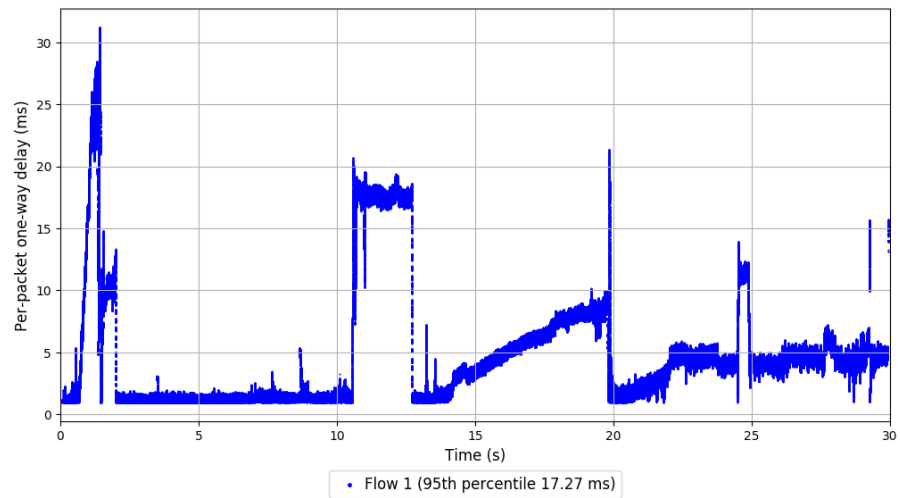
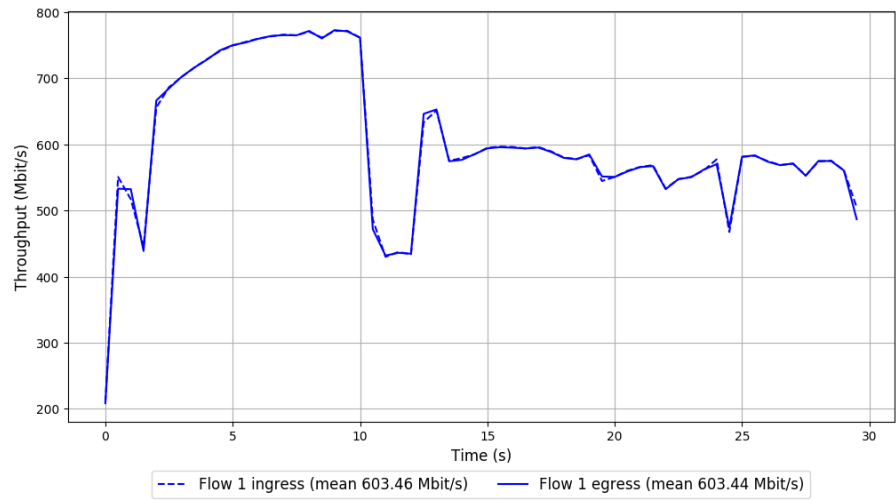


Run 7: Statistics of TCP Cubic

Start at: 2017-08-16 20:55:53
End at: 2017-08-16 20:56:23
Local clock offset: 1.499 ms
Remote clock offset: -1.288 ms

Below is generated by plot.py at 2017-08-17 03:03:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 603.44 Mbit/s
95th percentile per-packet one-way delay: 17.270 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 603.44 Mbit/s
95th percentile per-packet one-way delay: 17.270 ms
Loss rate: 0.06%

Run 7: Report of TCP Cubic — Data Link

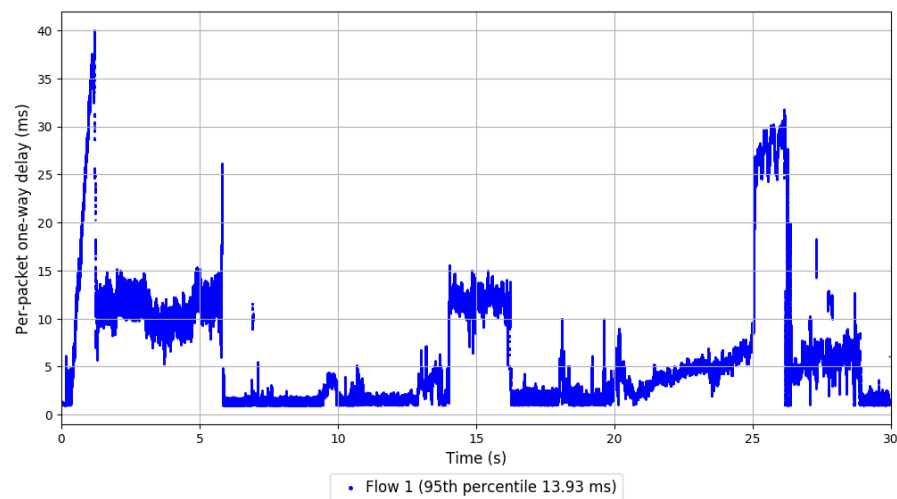
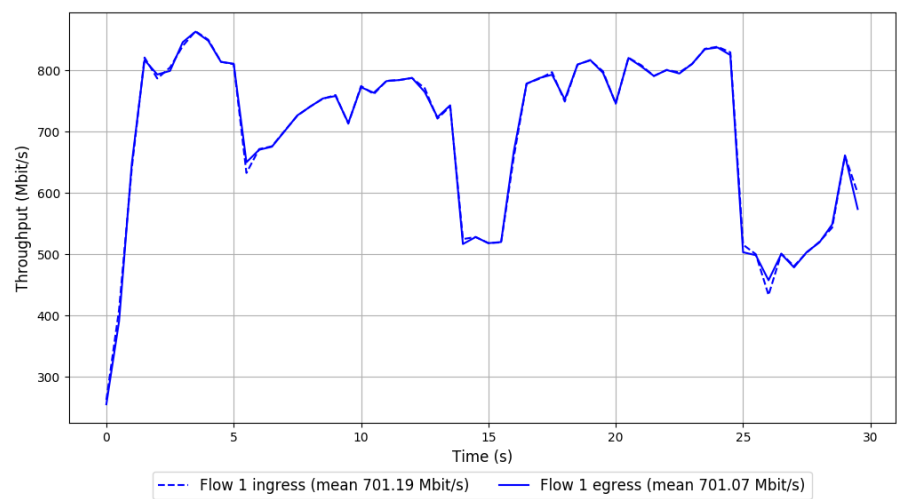


Run 8: Statistics of TCP Cubic

Start at: 2017-08-16 21:16:47
End at: 2017-08-16 21:17:17
Local clock offset: 1.072 ms
Remote clock offset: -1.235 ms

Below is generated by plot.py at 2017-08-17 03:04:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 701.07 Mbit/s
95th percentile per-packet one-way delay: 13.931 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 701.07 Mbit/s
95th percentile per-packet one-way delay: 13.931 ms
Loss rate: 0.07%

Run 8: Report of TCP Cubic — Data Link

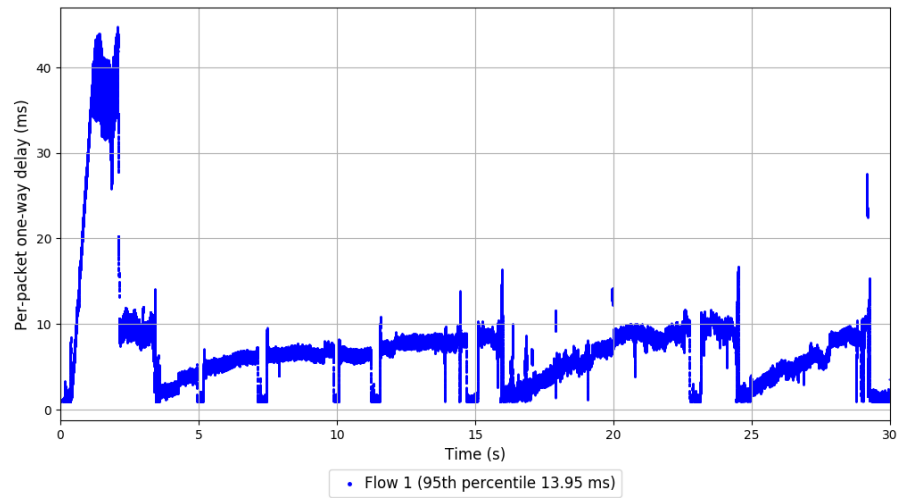
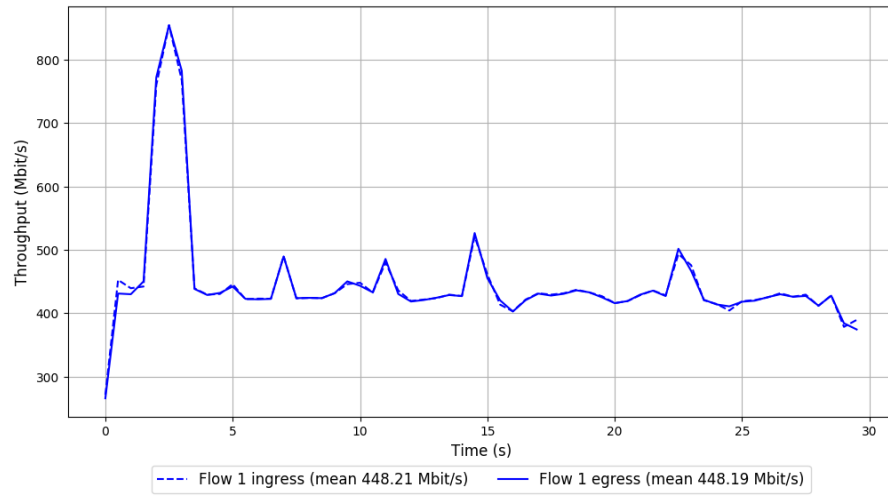


Run 9: Statistics of TCP Cubic

Start at: 2017-08-16 21:37:44
End at: 2017-08-16 21:38:14
Local clock offset: 1.092 ms
Remote clock offset: -1.034 ms

Below is generated by plot.py at 2017-08-17 03:04:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 448.19 Mbit/s
95th percentile per-packet one-way delay: 13.950 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 448.19 Mbit/s
95th percentile per-packet one-way delay: 13.950 ms
Loss rate: 0.06%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2017-08-16 21:58:12

End at: 2017-08-16 21:58:42

Local clock offset: 1.323 ms

Remote clock offset: -0.924 ms

Below is generated by plot.py at 2017-08-17 03:05:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 538.52 Mbit/s

95th percentile per-packet one-way delay: 20.739 ms

Loss rate: 0.16%

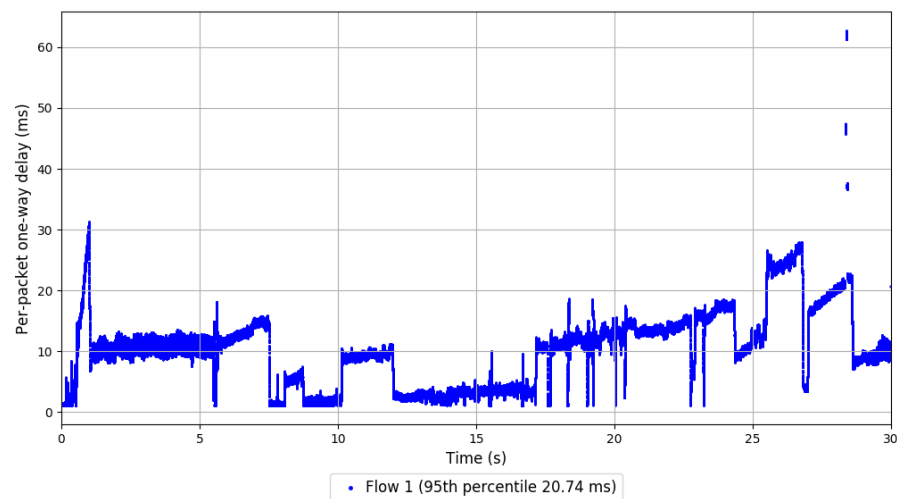
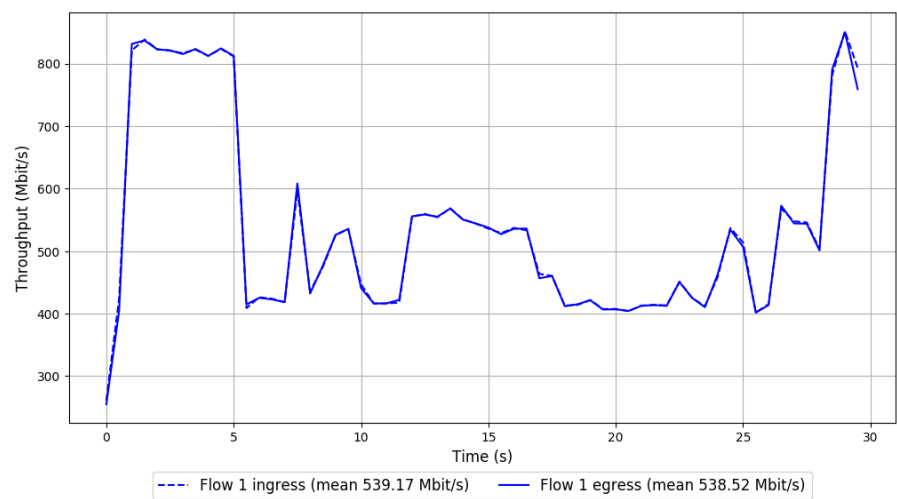
-- Flow 1:

Average throughput: 538.52 Mbit/s

95th percentile per-packet one-way delay: 20.739 ms

Loss rate: 0.16%

Run 10: Report of TCP Cubic — Data Link

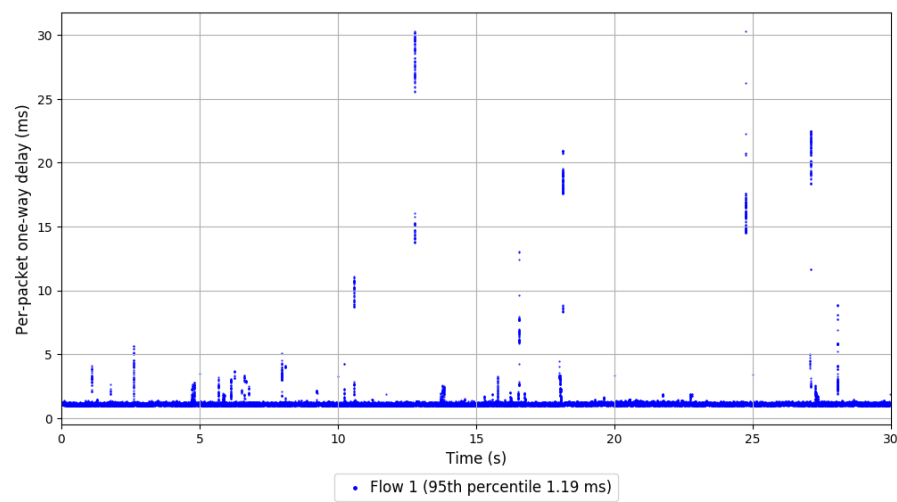
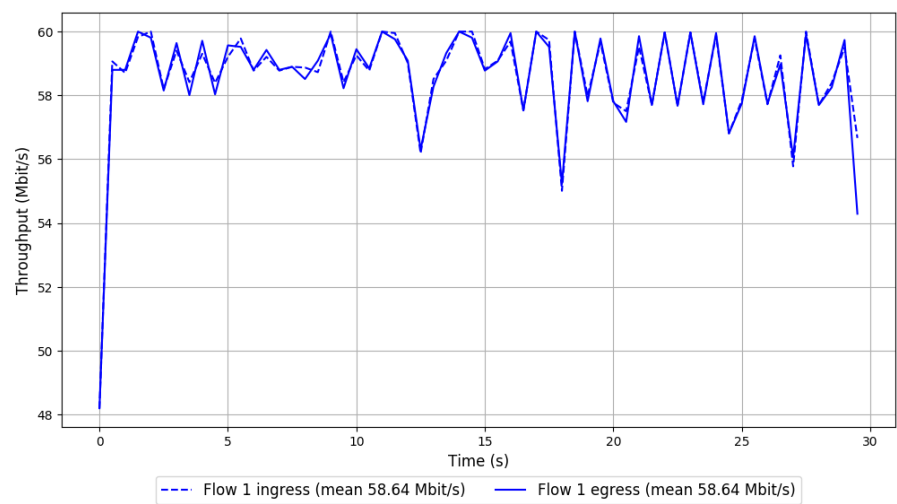


```
Run 1: Statistics of KohoCC

Start at: 2017-08-16 18:32:12
End at: 2017-08-16 18:32:42
Local clock offset: 0.118 ms
Remote clock offset: -2.267 ms

# Below is generated by plot.py at 2017-08-17 03:05:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 58.64 Mbit/s
95th percentile per-packet one-way delay: 1.189 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 58.64 Mbit/s
95th percentile per-packet one-way delay: 1.189 ms
Loss rate: 0.07%
```


Run 1: Report of KohoCC — Data Link

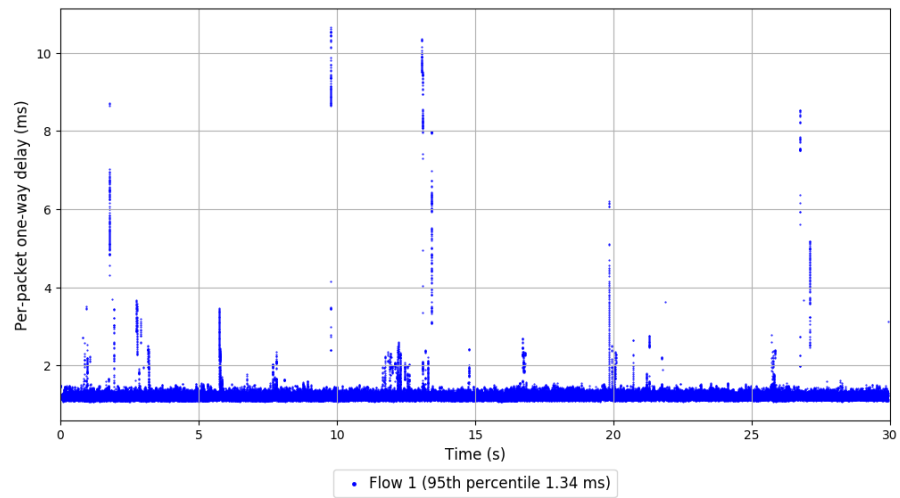
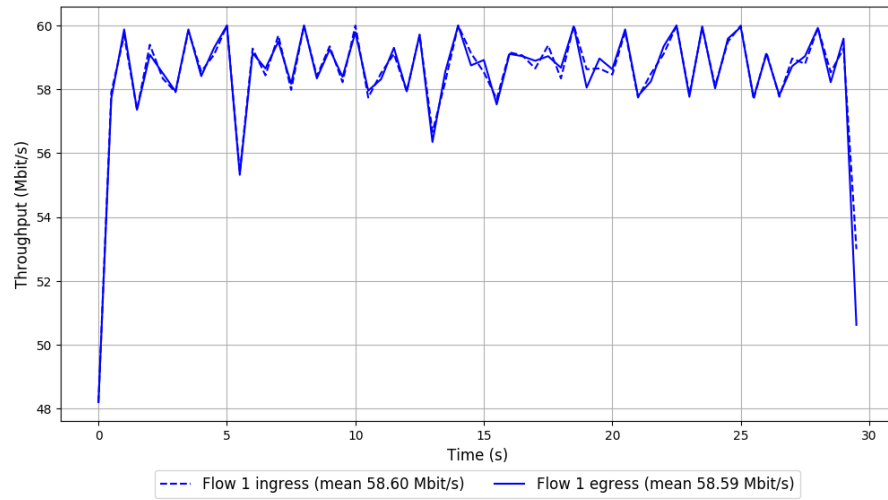


Run 2: Statistics of KohoCC

Start at: 2017-08-16 18:53:07
End at: 2017-08-16 18:53:37
Local clock offset: 0.367 ms
Remote clock offset: -2.153 ms

Below is generated by plot.py at 2017-08-17 03:05:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 58.59 Mbit/s
95th percentile per-packet one-way delay: 1.345 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 58.59 Mbit/s
95th percentile per-packet one-way delay: 1.345 ms
Loss rate: 0.07%

Run 2: Report of KohoCC — Data Link



Run 3: Statistics of KohoCC

Start at: 2017-08-16 19:13:55

End at: 2017-08-16 19:14:25

Local clock offset: 0.401 ms

Remote clock offset: -1.62 ms

Below is generated by plot.py at 2017-08-17 03:05:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 58.50 Mbit/s

95th percentile per-packet one-way delay: 1.176 ms

Loss rate: 0.07%

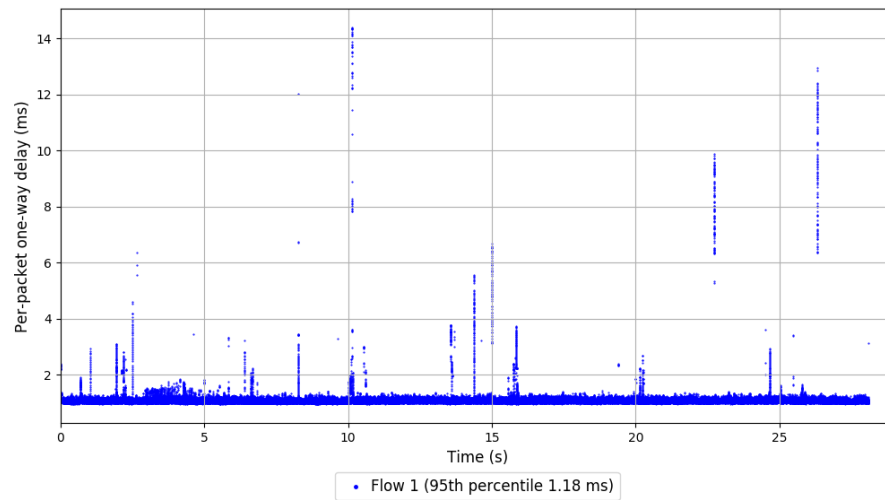
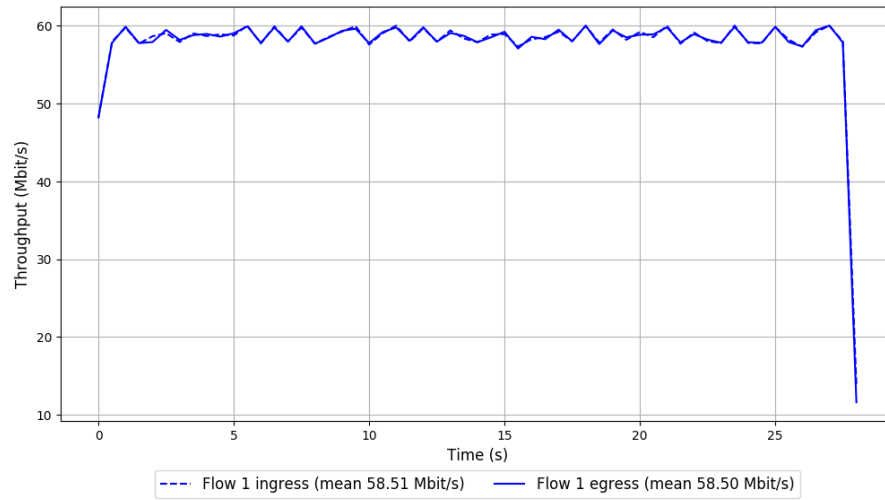
-- Flow 1:

Average throughput: 58.50 Mbit/s

95th percentile per-packet one-way delay: 1.176 ms

Loss rate: 0.07%

Run 3: Report of KohoCC — Data Link



Run 4: Statistics of KohoCC

Start at: 2017-08-16 19:34:40

End at: 2017-08-16 19:35:10

Local clock offset: 0.746 ms

Remote clock offset: -1.499 ms

Below is generated by plot.py at 2017-08-17 03:05:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 63.97 Mbit/s

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

Loss rate: 0.06%

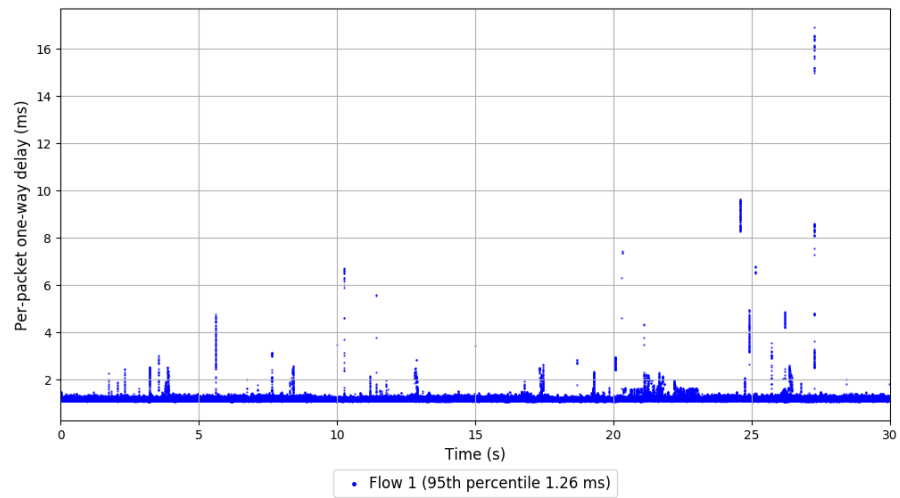
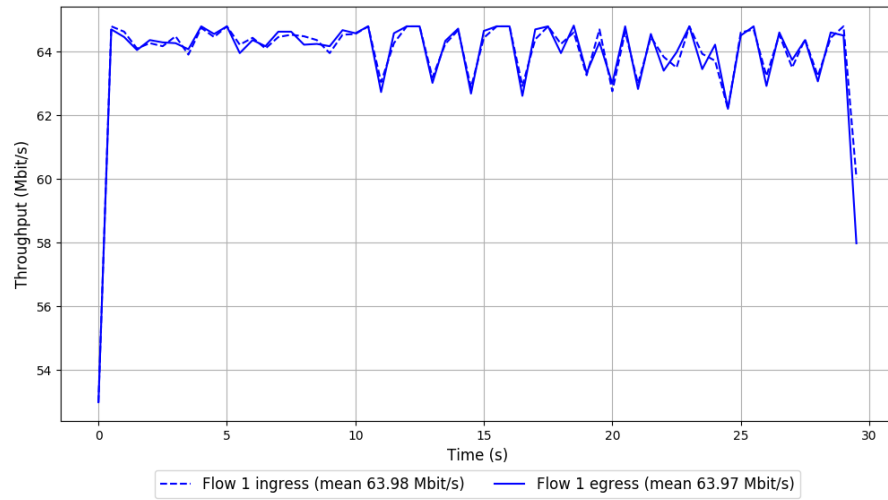
-- Flow 1:

Average throughput: 63.97 Mbit/s

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

Loss rate: 0.06%

Run 4: Report of KohoCC — Data Link

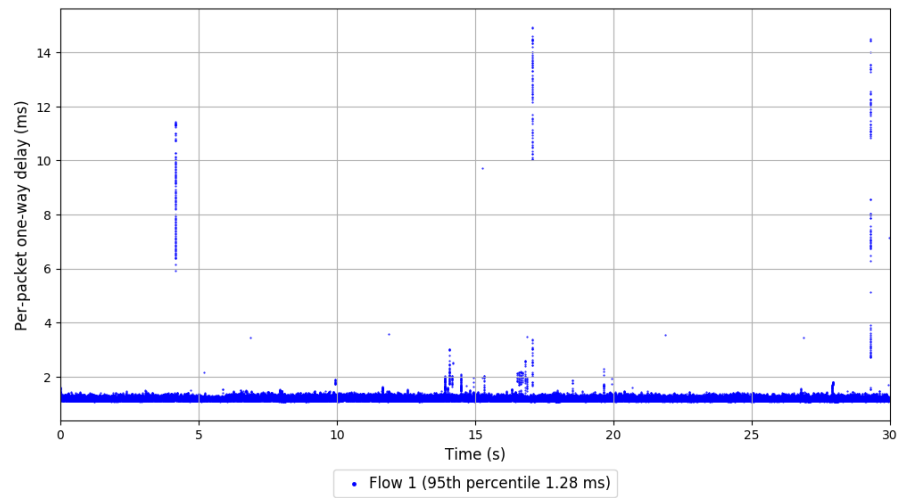
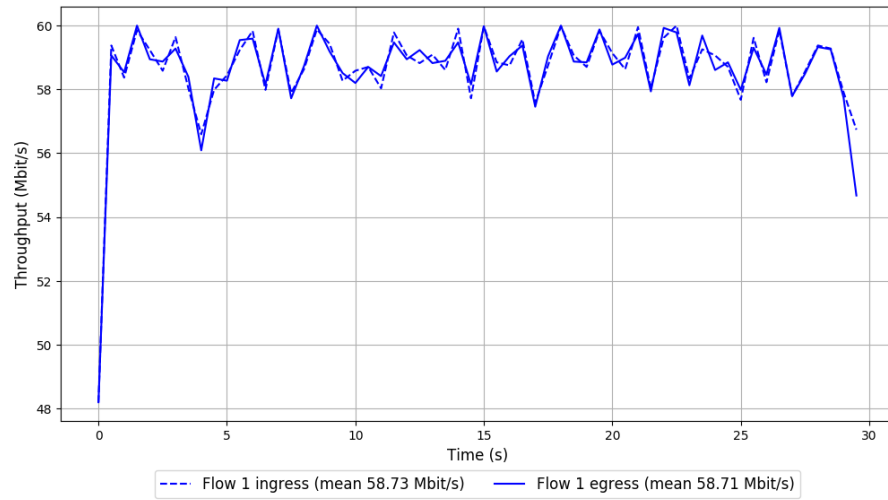


Run 5: Statistics of KohoCC

Start at: 2017-08-16 19:55:25
End at: 2017-08-16 19:55:55
Local clock offset: 1.064 ms
Remote clock offset: -1.603 ms

Below is generated by plot.py at 2017-08-17 03:05:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 58.71 Mbit/s
95th percentile per-packet one-way delay: 1.280 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 58.71 Mbit/s
95th percentile per-packet one-way delay: 1.280 ms
Loss rate: 0.07%

Run 5: Report of KohoCC — Data Link



Run 6: Statistics of KohoCC

Start at: 2017-08-16 20:16:04

End at: 2017-08-16 20:16:34

Local clock offset: 1.305 ms

Remote clock offset: -1.511 ms

Below is generated by plot.py at 2017-08-17 03:05:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 58.55 Mbit/s

95th percentile per-packet one-way delay: 1.188 ms

Loss rate: 0.07%

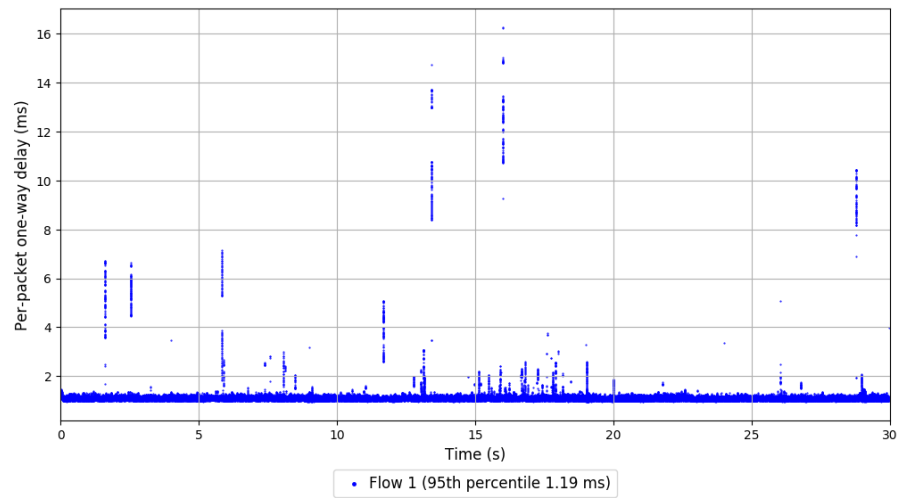
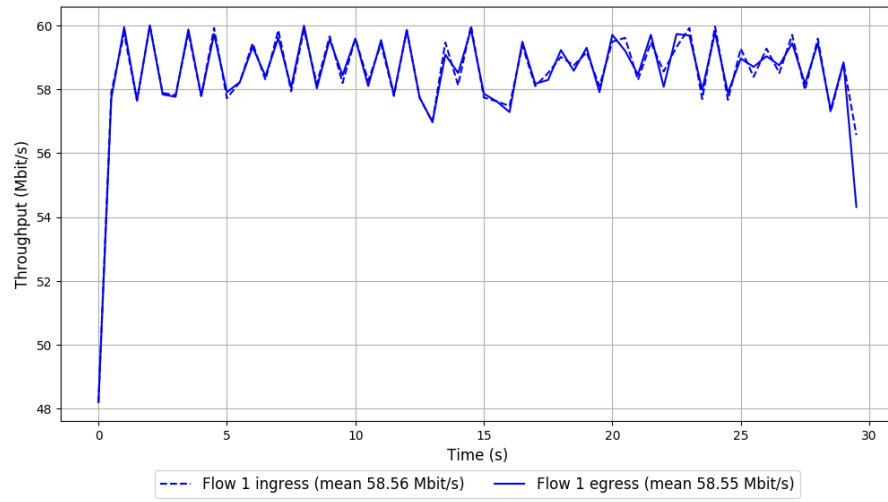
-- Flow 1:

Average throughput: 58.55 Mbit/s

95th percentile per-packet one-way delay: 1.188 ms

Loss rate: 0.07%

Run 6: Report of KohoCC — Data Link

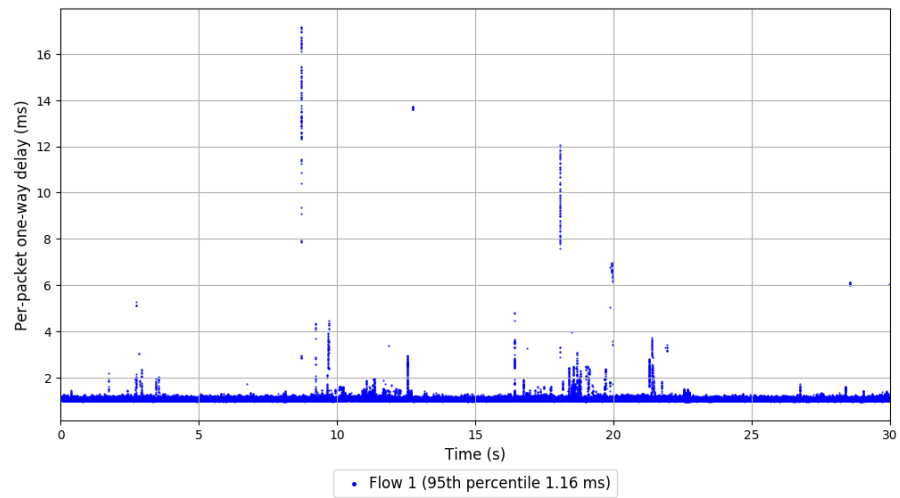
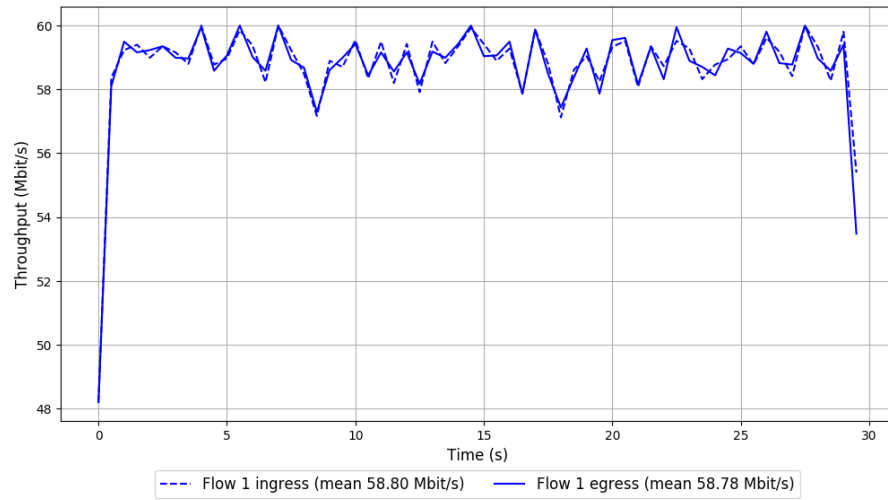


Run 7: Statistics of KohoCC

Start at: 2017-08-16 20:36:50
End at: 2017-08-16 20:37:20
Local clock offset: 1.509 ms
Remote clock offset: -1.401 ms

Below is generated by plot.py at 2017-08-17 03:05:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 58.78 Mbit/s
95th percentile per-packet one-way delay: 1.161 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 58.78 Mbit/s
95th percentile per-packet one-way delay: 1.161 ms
Loss rate: 0.07%

Run 7: Report of KohoCC — Data Link



Run 8: Statistics of KohoCC

Start at: 2017-08-16 20:57:32

End at: 2017-08-16 20:58:02

Local clock offset: 1.504 ms

Remote clock offset: -1.215 ms

Below is generated by plot.py at 2017-08-17 03:05:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 58.64 Mbit/s

95th percentile per-packet one-way delay: 1.137 ms

Loss rate: 0.07%

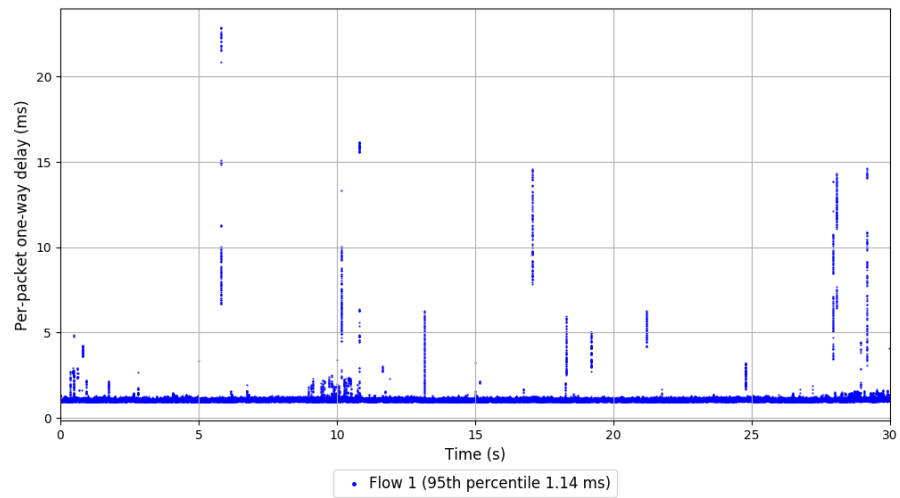
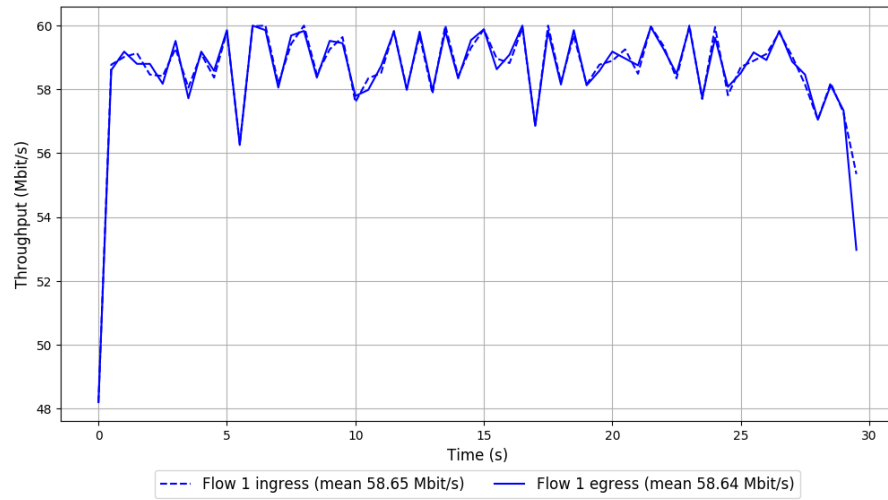
-- Flow 1:

Average throughput: 58.64 Mbit/s

95th percentile per-packet one-way delay: 1.137 ms

Loss rate: 0.07%

Run 8: Report of KohoCC — Data Link

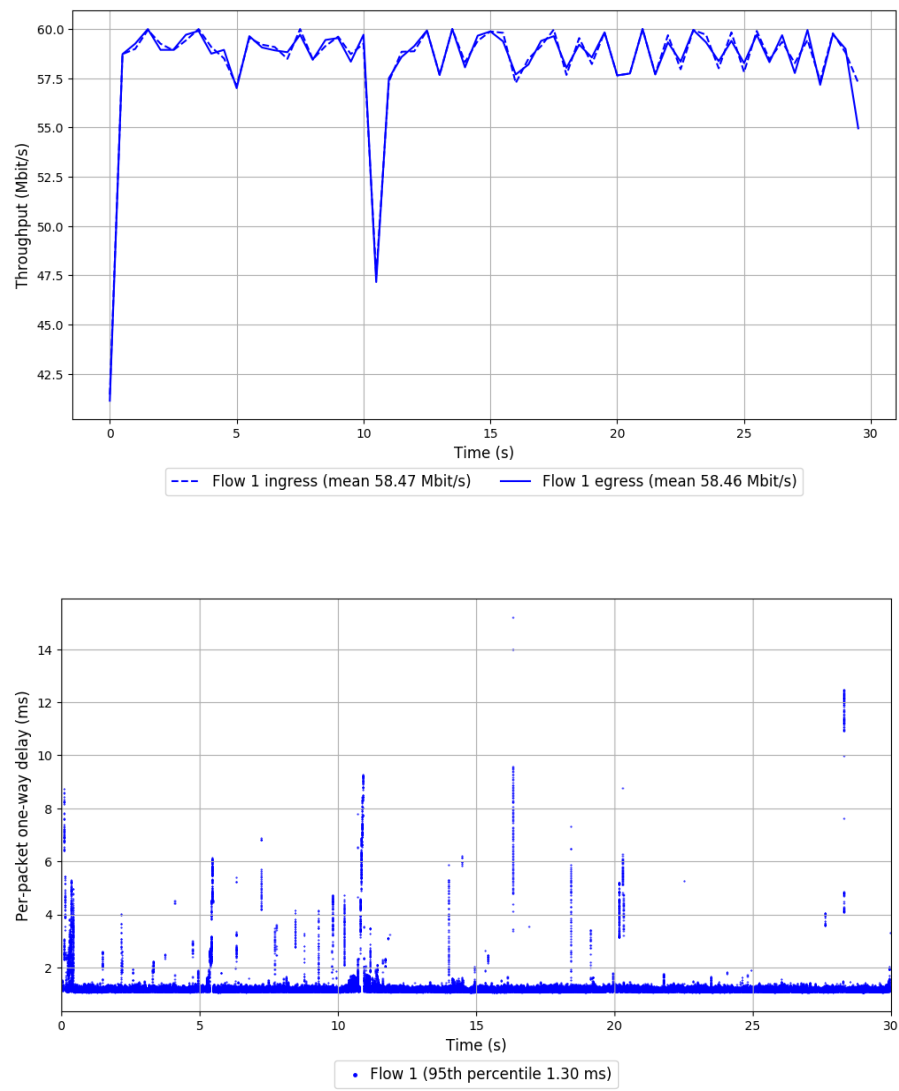


Run 9: Statistics of KohoCC

Start at: 2017-08-16 21:18:29
End at: 2017-08-16 21:18:59
Local clock offset: 1.142 ms
Remote clock offset: -1.209 ms

Below is generated by plot.py at 2017-08-17 03:05:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 58.46 Mbit/s
95th percentile per-packet one-way delay: 1.301 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 58.46 Mbit/s
95th percentile per-packet one-way delay: 1.301 ms
Loss rate: 0.07%

Run 9: Report of KohoCC — Data Link



Run 10: Statistics of KohoCC

Start at: 2017-08-16 21:39:15

End at: 2017-08-16 21:39:45

Local clock offset: 1.182 ms

Remote clock offset: -1.069 ms

Below is generated by plot.py at 2017-08-17 03:05:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 59.09 Mbit/s

95th percentile per-packet one-way delay: 1.271 ms

Loss rate: 0.07%

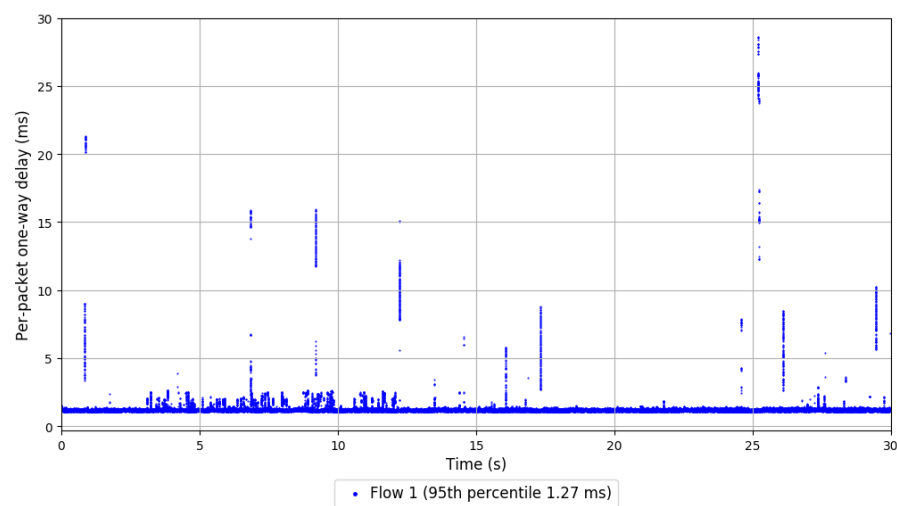
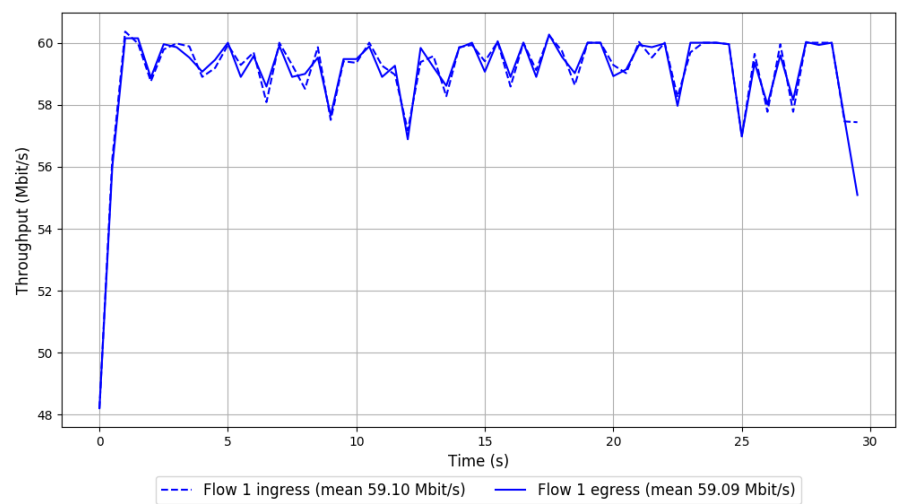
-- Flow 1:

Average throughput: 59.09 Mbit/s

95th percentile per-packet one-way delay: 1.271 ms

Loss rate: 0.07%

Run 10: Report of KohoCC — Data Link

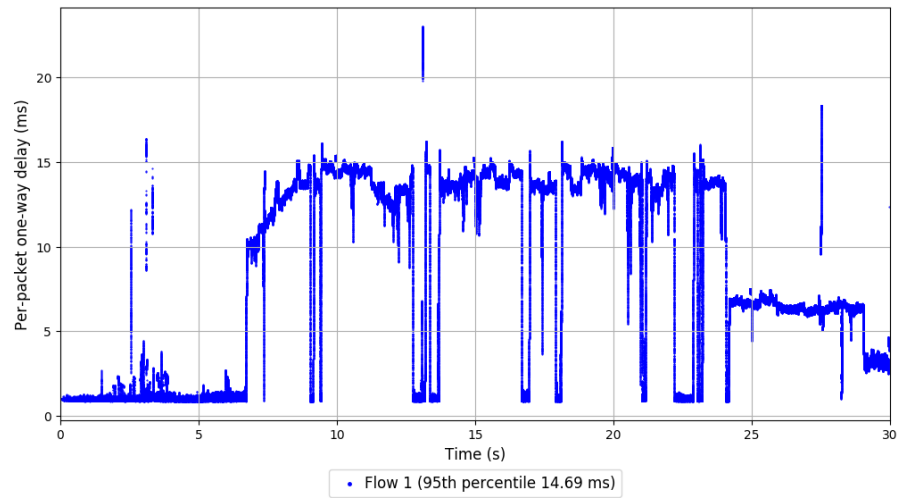
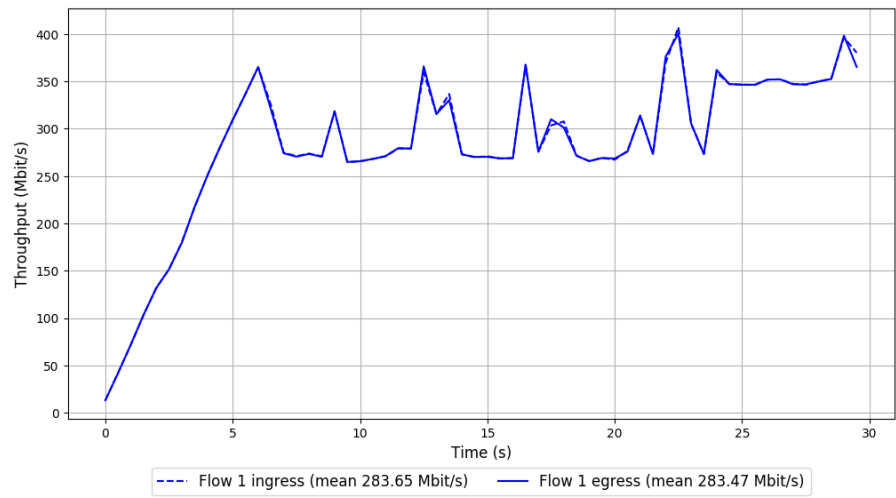


```
Run 1: Statistics of LEDBAT

Start at: 2017-08-16 18:40:22
End at: 2017-08-16 18:40:52
Local clock offset: 0.176 ms
Remote clock offset: -2.206 ms

# Below is generated by plot.py at 2017-08-17 03:05:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 283.47 Mbit/s
95th percentile per-packet one-way delay: 14.691 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 283.47 Mbit/s
95th percentile per-packet one-way delay: 14.691 ms
Loss rate: 0.10%
```

Run 1: Report of LEDBAT — Data Link

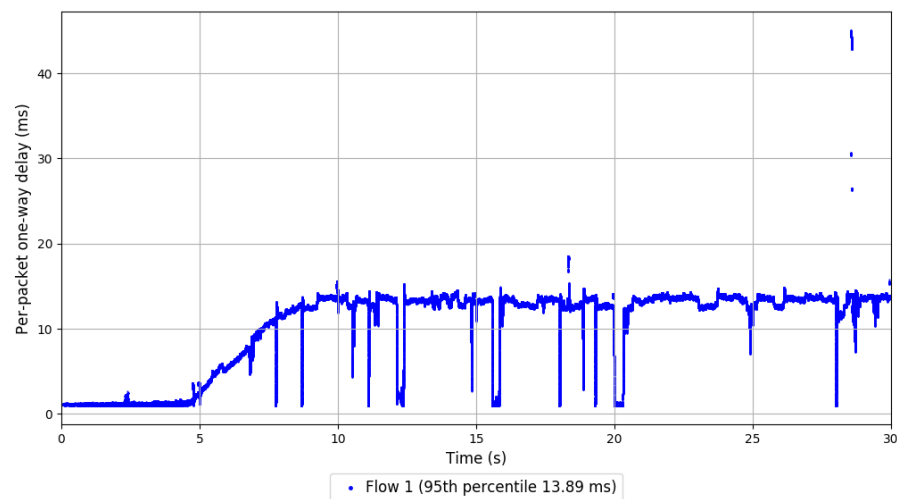
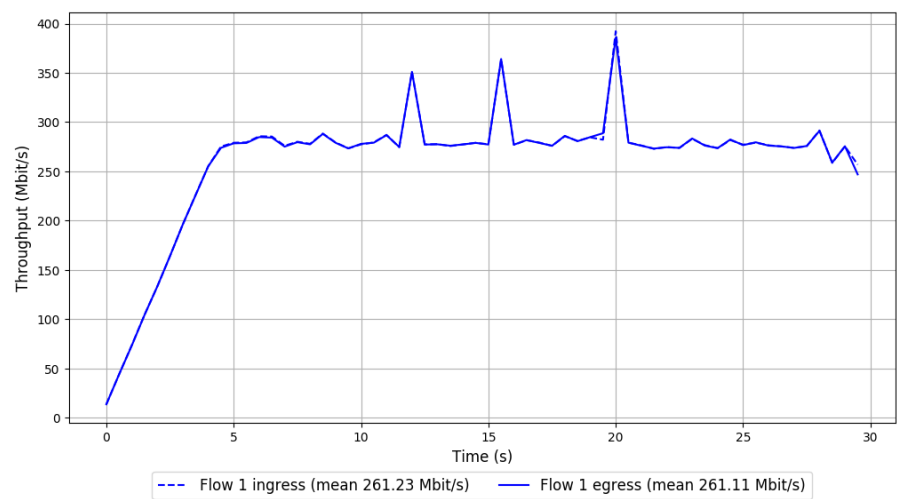


Run 2: Statistics of LEDBAT

Start at: 2017-08-16 19:01:15
End at: 2017-08-16 19:01:45
Local clock offset: 0.391 ms
Remote clock offset: -1.834 ms

Below is generated by plot.py at 2017-08-17 03:05:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 261.11 Mbit/s
95th percentile per-packet one-way delay: 13.894 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 261.11 Mbit/s
95th percentile per-packet one-way delay: 13.894 ms
Loss rate: 0.11%

Run 2: Report of LEDBAT — Data Link

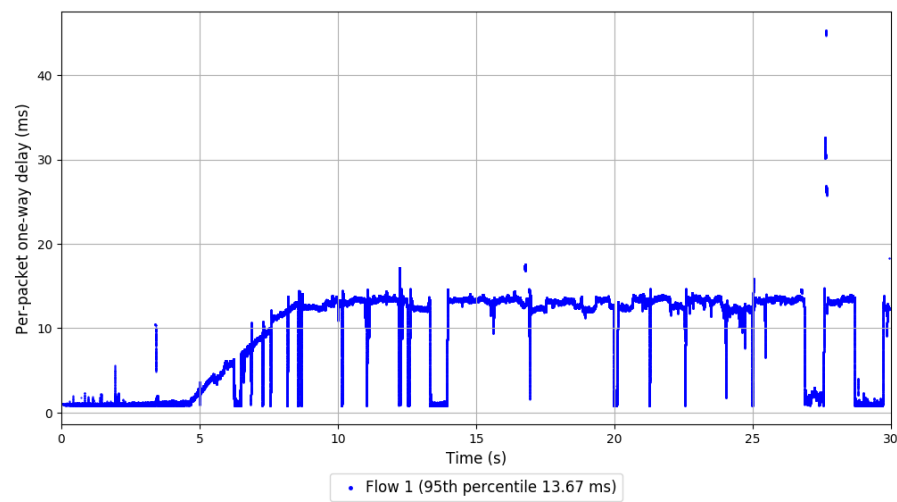
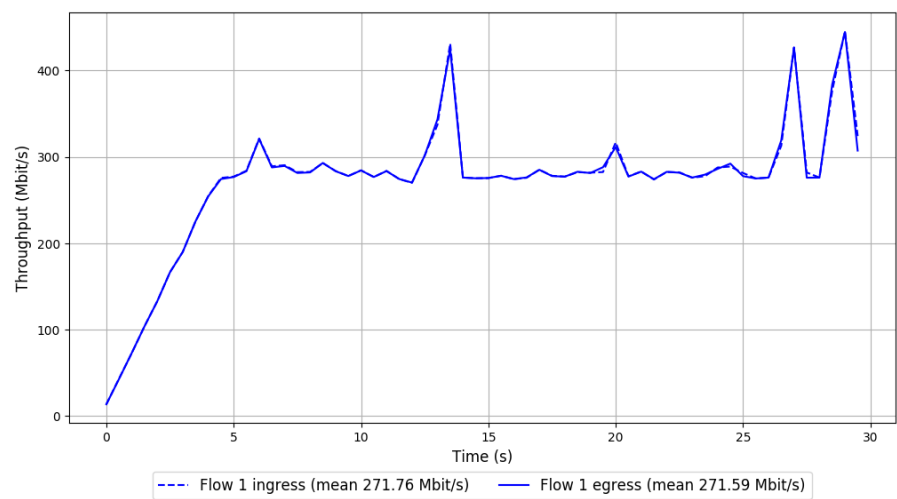


Run 3: Statistics of LEDBAT

Start at: 2017-08-16 19:22:13
End at: 2017-08-16 19:22:43
Local clock offset: 0.439 ms
Remote clock offset: -1.368 ms

Below is generated by plot.py at 2017-08-17 03:06:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 271.59 Mbit/s
95th percentile per-packet one-way delay: 13.674 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 271.59 Mbit/s
95th percentile per-packet one-way delay: 13.674 ms
Loss rate: 0.11%

Run 3: Report of LEDBAT — Data Link

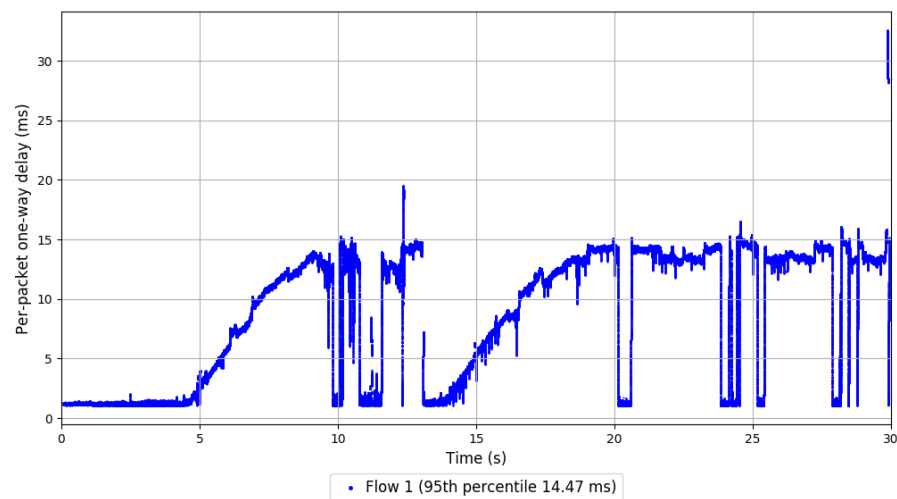
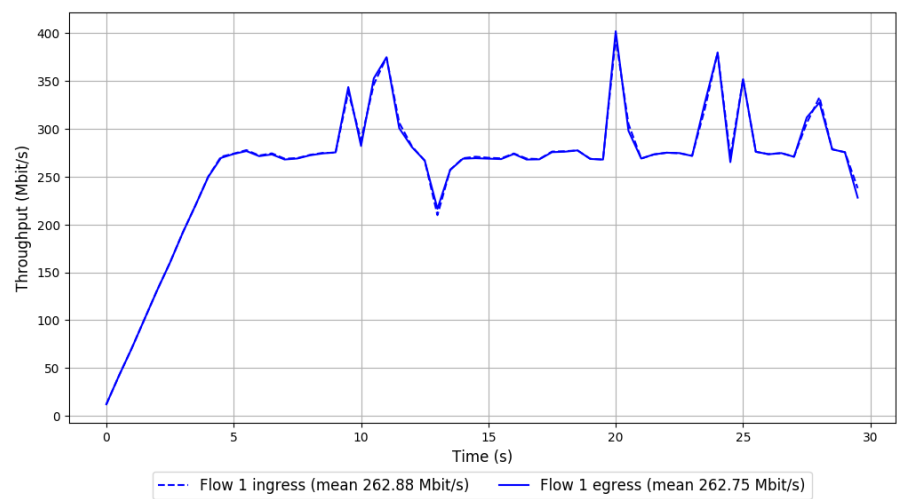


Run 4: Statistics of LEDBAT

Start at: 2017-08-16 19:42:50
End at: 2017-08-16 19:43:20
Local clock offset: 0.844 ms
Remote clock offset: -1.544 ms

Below is generated by plot.py at 2017-08-17 03:06:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 262.75 Mbit/s
95th percentile per-packet one-way delay: 14.470 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 262.75 Mbit/s
95th percentile per-packet one-way delay: 14.470 ms
Loss rate: 0.11%

Run 4: Report of LEDBAT — Data Link

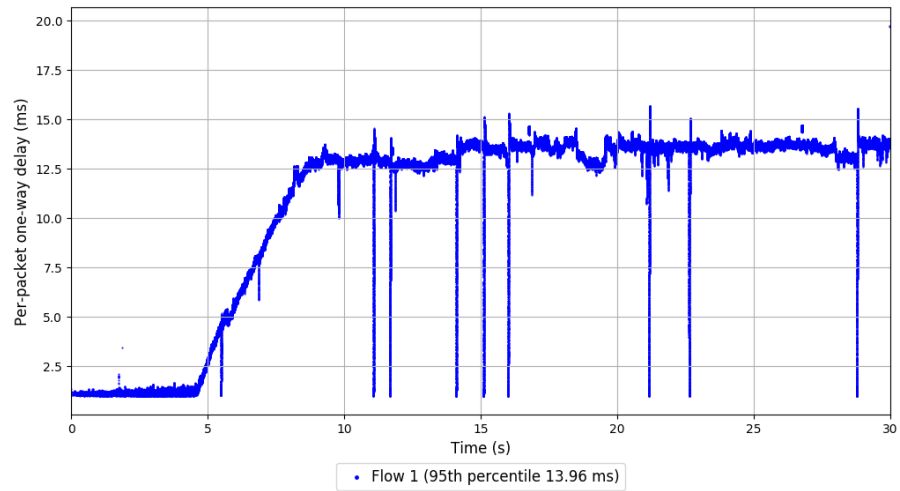
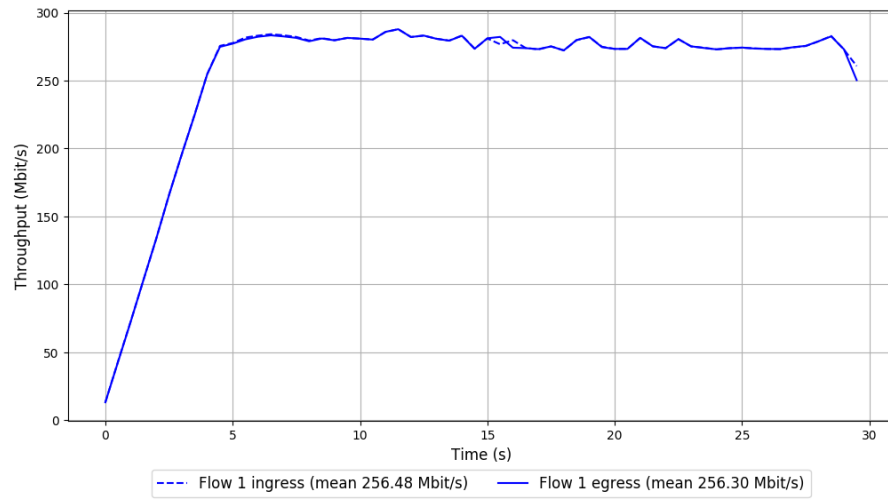


Run 5: Statistics of LEDBAT

Start at: 2017-08-16 20:03:30
End at: 2017-08-16 20:04:01
Local clock offset: 1.093 ms
Remote clock offset: -1.555 ms

Below is generated by plot.py at 2017-08-17 03:06:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 256.30 Mbit/s
95th percentile per-packet one-way delay: 13.958 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 256.30 Mbit/s
95th percentile per-packet one-way delay: 13.958 ms
Loss rate: 0.12%

Run 5: Report of LEDBAT — Data Link

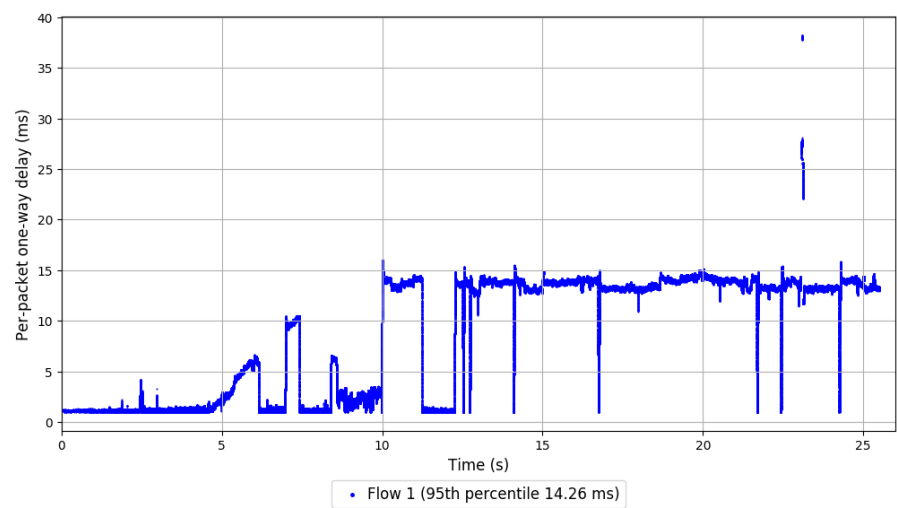
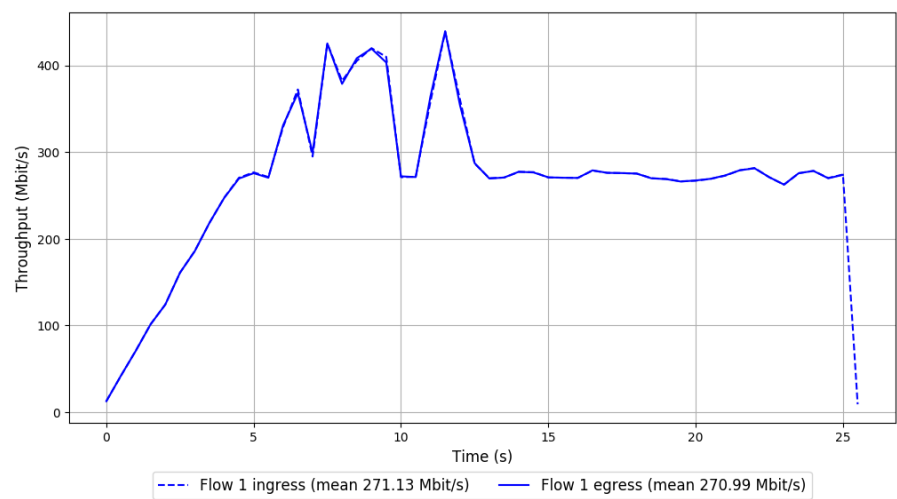


Run 6: Statistics of LEDBAT

Start at: 2017-08-16 20:24:15
End at: 2017-08-16 20:24:45
Local clock offset: 1.386 ms
Remote clock offset: -1.455 ms

Below is generated by plot.py at 2017-08-17 03:07:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 270.99 Mbit/s
95th percentile per-packet one-way delay: 14.258 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 270.99 Mbit/s
95th percentile per-packet one-way delay: 14.258 ms
Loss rate: 0.13%

Run 6: Report of LEDBAT — Data Link

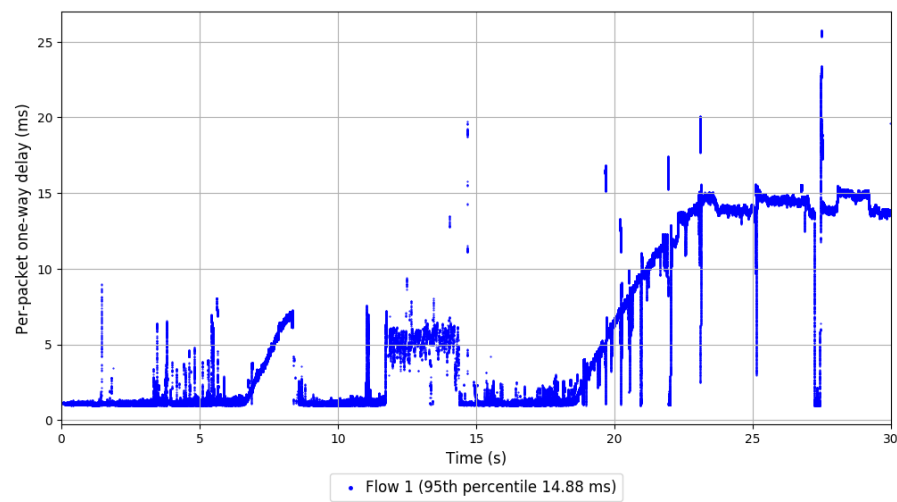
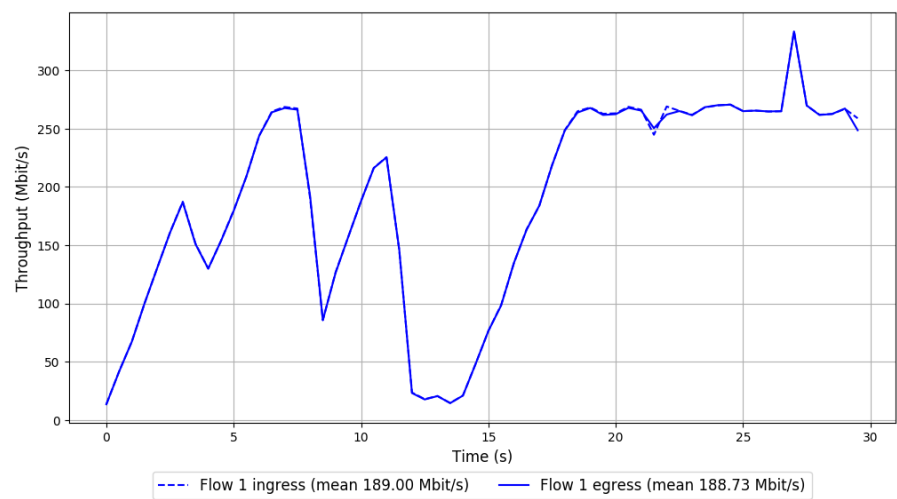


Run 7: Statistics of LEDBAT

Start at: 2017-08-16 20:45:07
End at: 2017-08-16 20:45:37
Local clock offset: 1.575 ms
Remote clock offset: -1.367 ms

Below is generated by plot.py at 2017-08-17 03:07:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 188.73 Mbit/s
95th percentile per-packet one-way delay: 14.883 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 188.73 Mbit/s
95th percentile per-packet one-way delay: 14.883 ms
Loss rate: 0.19%

Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

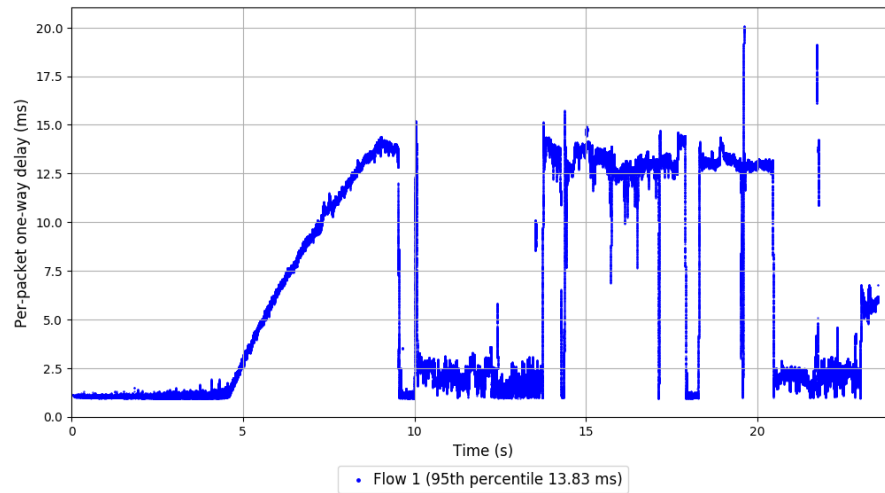
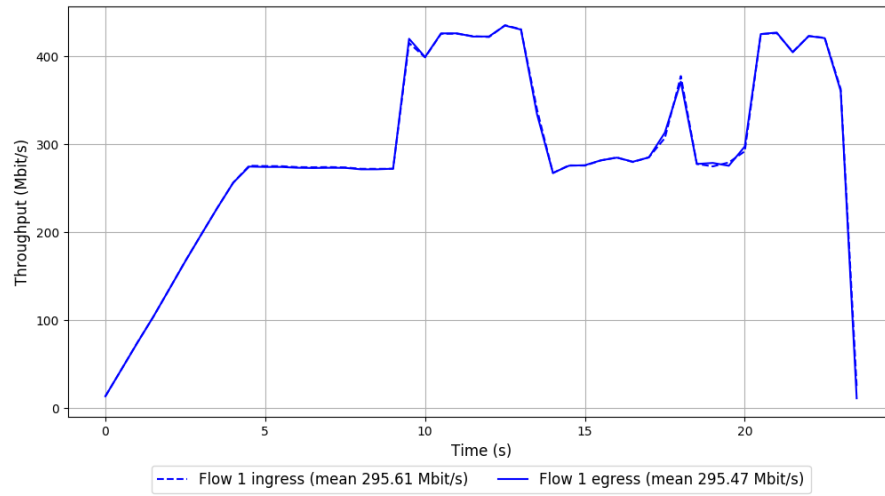
Start at: 2017-08-16 21:05:42

End at: 2017-08-16 21:06:12

Local clock offset: 1.317 ms

Remote clock offset: -1.273 ms

Run 8: Report of LEDBAT — Data Link

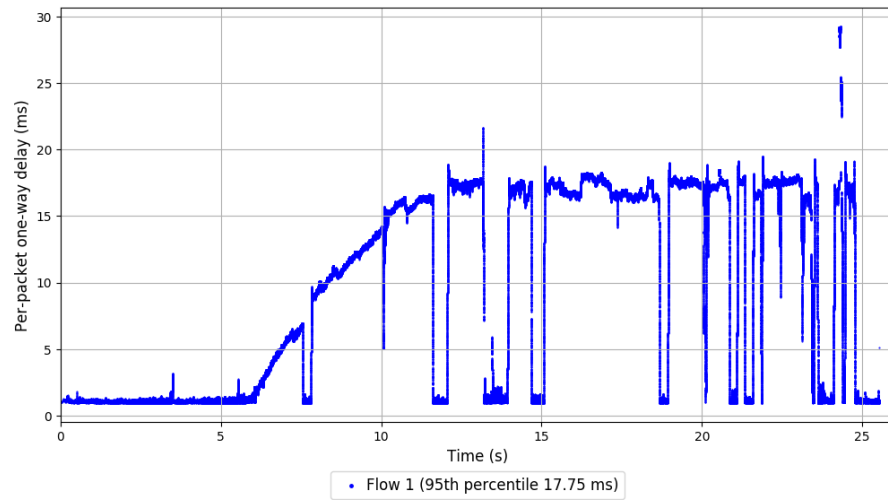
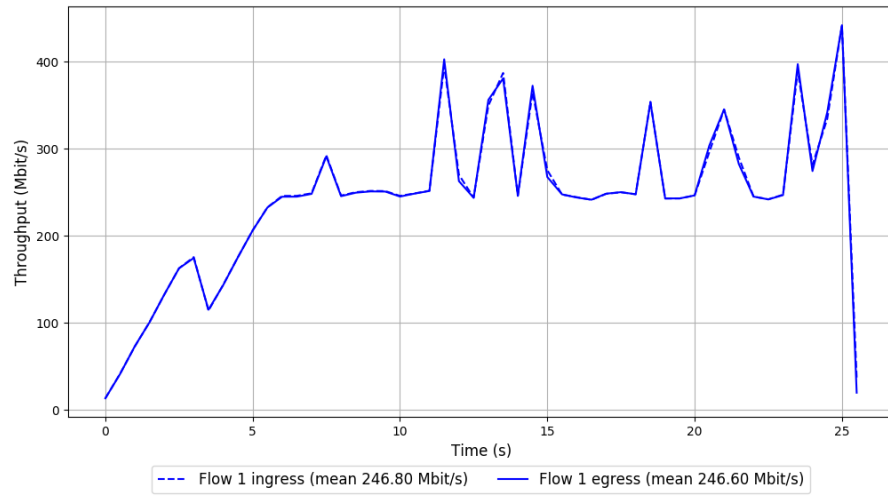


Run 9: Statistics of LEDBAT

Start at: 2017-08-16 21:26:43
End at: 2017-08-16 21:27:13
Local clock offset: 1.033 ms
Remote clock offset: -1.086 ms

Below is generated by plot.py at 2017-08-17 03:07:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 246.60 Mbit/s
95th percentile per-packet one-way delay: 17.755 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 246.60 Mbit/s
95th percentile per-packet one-way delay: 17.755 ms
Loss rate: 0.14%

Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

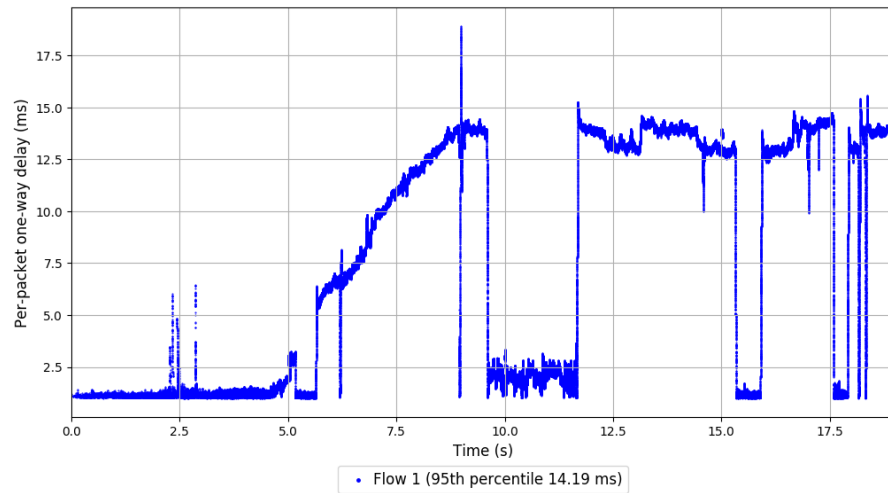
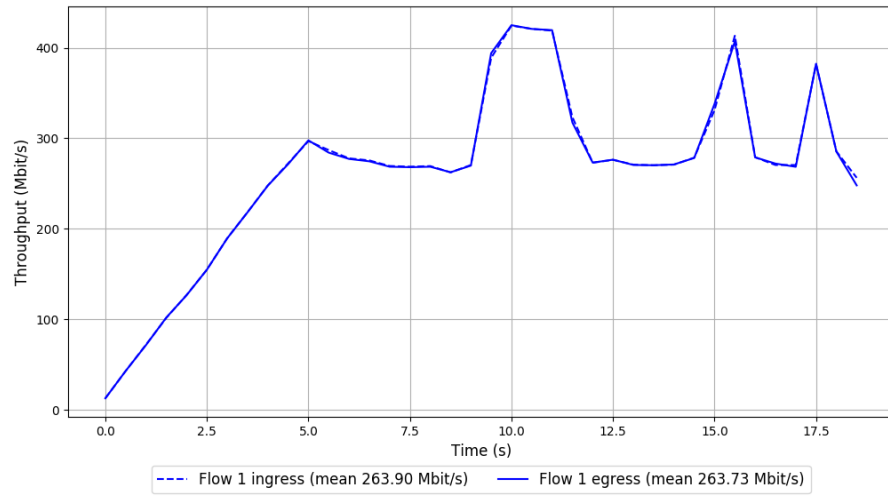
Start at: 2017-08-16 21:47:18

End at: 2017-08-16 21:47:48

Local clock offset: 1.274 ms

Remote clock offset: -1.01 ms

Run 10: Report of LEDBAT — Data Link

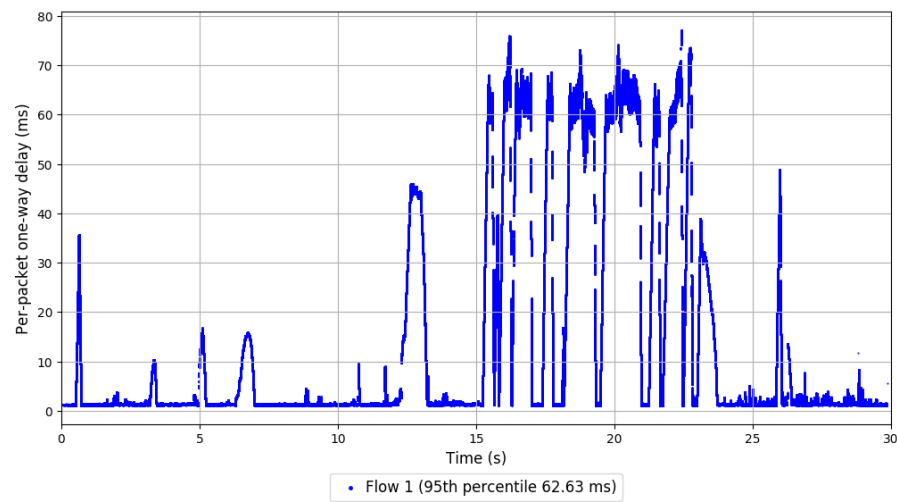
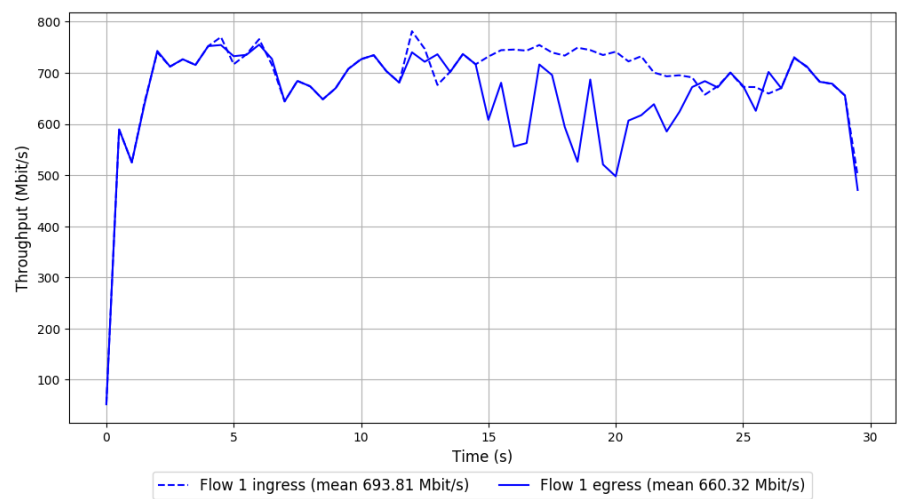


```
Run 1: Statistics of PCC

Start at: 2017-08-16 18:38:49
End at: 2017-08-16 18:39:19
Local clock offset: 0.301 ms
Remote clock offset: -2.262 ms

# Below is generated by plot.py at 2017-08-17 03:09:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 660.32 Mbit/s
95th percentile per-packet one-way delay: 62.631 ms
Loss rate: 4.88%
-- Flow 1:
Average throughput: 660.32 Mbit/s
95th percentile per-packet one-way delay: 62.631 ms
Loss rate: 4.88%
```


Run 1: Report of PCC — Data Link

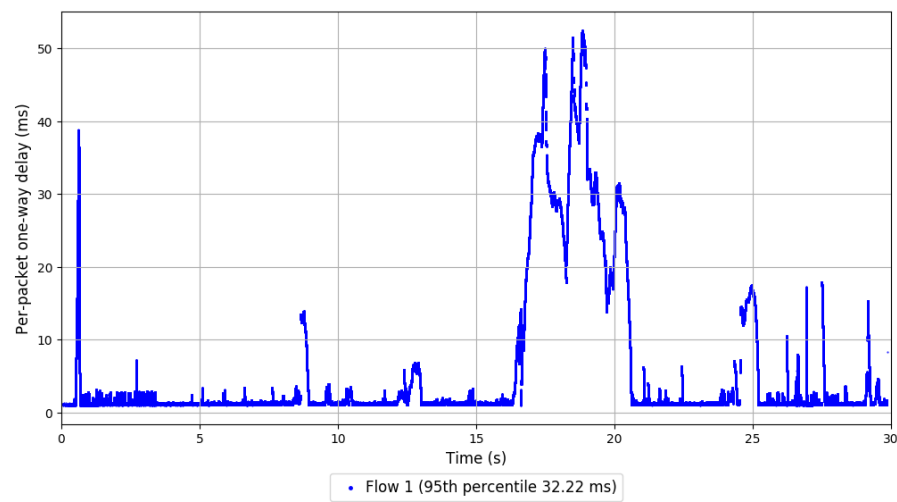
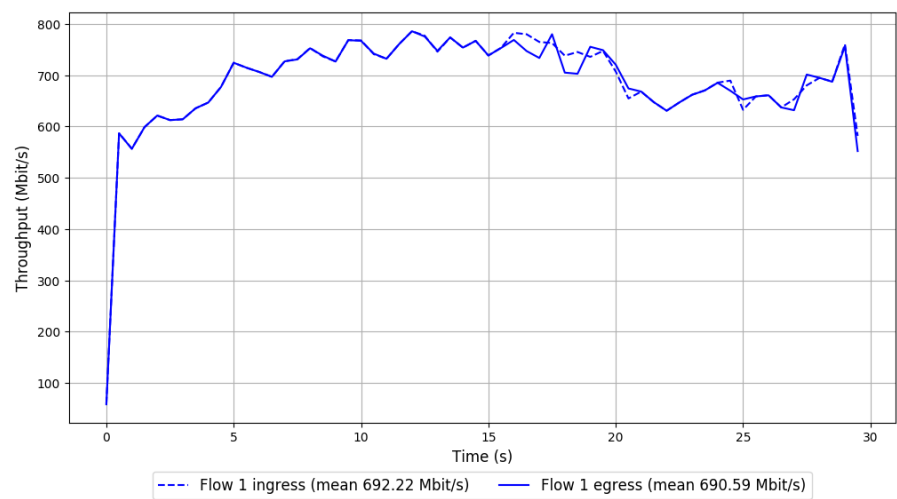


Run 2: Statistics of PCC

Start at: 2017-08-16 18:59:41
End at: 2017-08-16 19:00:11
Local clock offset: 0.39 ms
Remote clock offset: -1.917 ms

Below is generated by plot.py at 2017-08-17 03:09:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 690.59 Mbit/s
95th percentile per-packet one-way delay: 32.216 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 690.59 Mbit/s
95th percentile per-packet one-way delay: 32.216 ms
Loss rate: 0.29%

Run 2: Report of PCC — Data Link

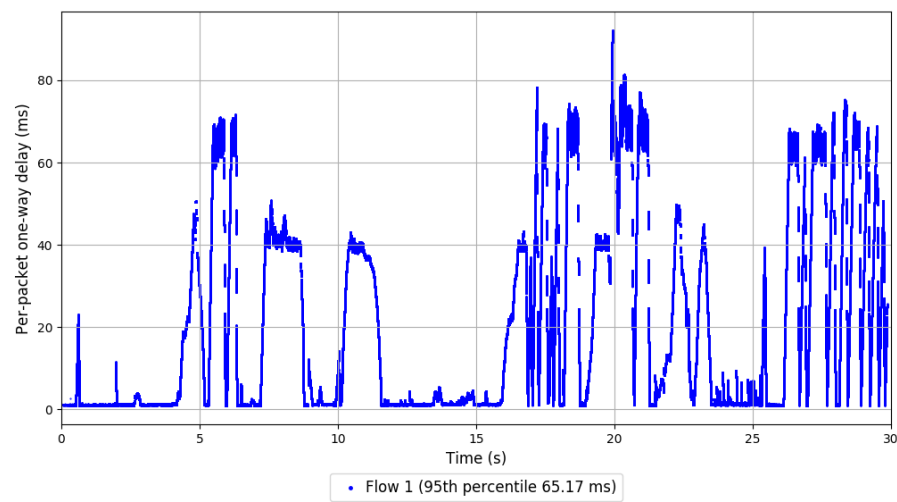
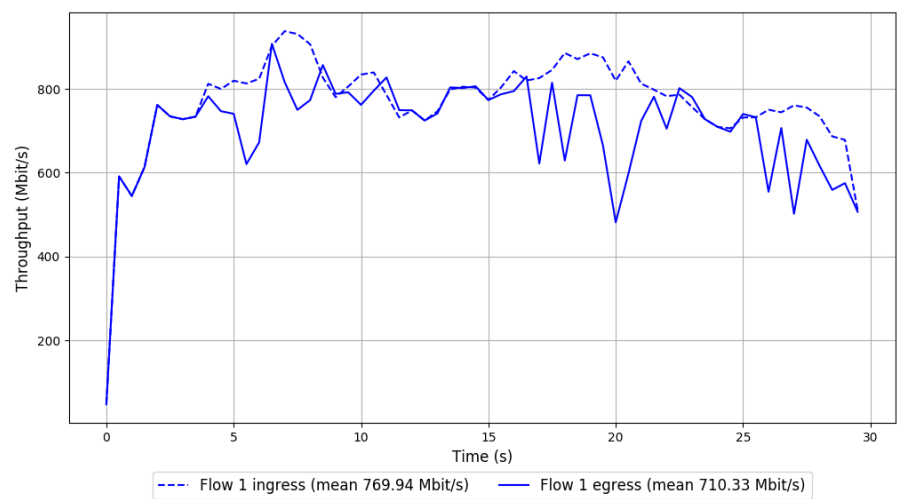


Run 3: Statistics of PCC

Start at: 2017-08-16 19:20:38
End at: 2017-08-16 19:21:08
Local clock offset: 0.428 ms
Remote clock offset: -1.433 ms

Below is generated by plot.py at 2017-08-17 03:10:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 710.33 Mbit/s
95th percentile per-packet one-way delay: 65.174 ms
Loss rate: 7.80%
-- Flow 1:
Average throughput: 710.33 Mbit/s
95th percentile per-packet one-way delay: 65.174 ms
Loss rate: 7.80%

Run 3: Report of PCC — Data Link

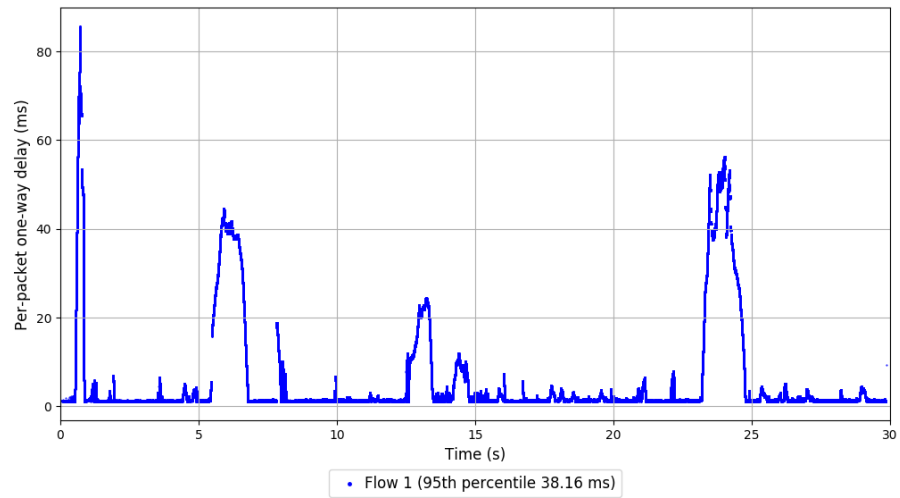
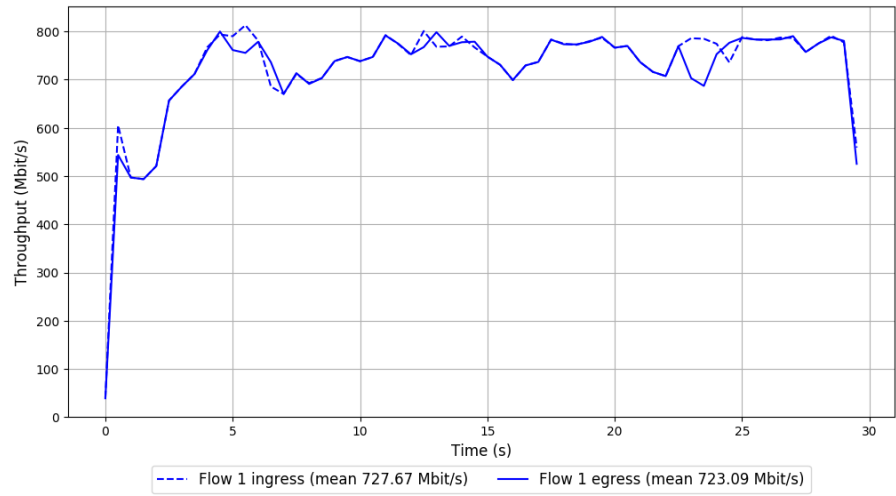


Run 4: Statistics of PCC

Start at: 2017-08-16 19:41:16
End at: 2017-08-16 19:41:46
Local clock offset: 0.833 ms
Remote clock offset: -1.545 ms

Below is generated by plot.py at 2017-08-17 03:10:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 723.09 Mbit/s
95th percentile per-packet one-way delay: 38.163 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 723.09 Mbit/s
95th percentile per-packet one-way delay: 38.163 ms
Loss rate: 0.68%

Run 4: Report of PCC — Data Link



Run 5: Statistics of PCC

Start at: 2017-08-16 20:01:57

End at: 2017-08-16 20:02:28

Local clock offset: 1.137 ms

Remote clock offset: -1.56 ms

Below is generated by plot.py at 2017-08-17 03:12:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 650.16 Mbit/s

95th percentile per-packet one-way delay: 60.076 ms

Loss rate: 2.40%

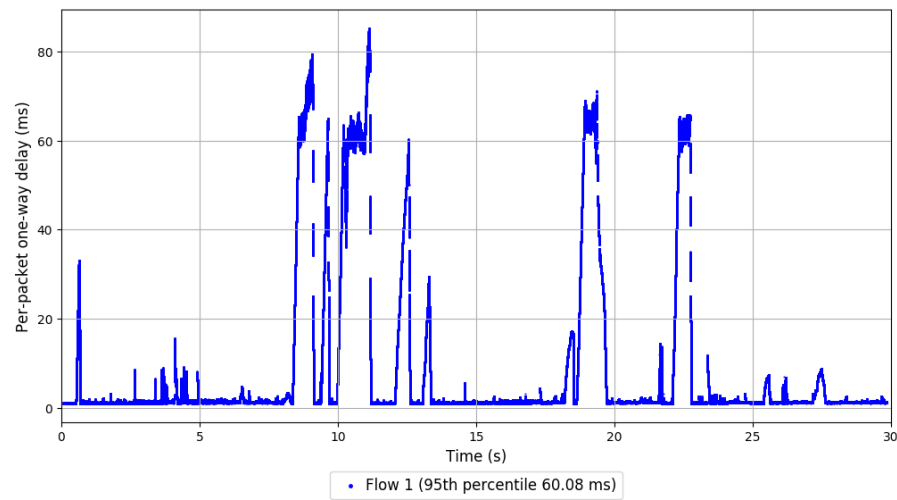
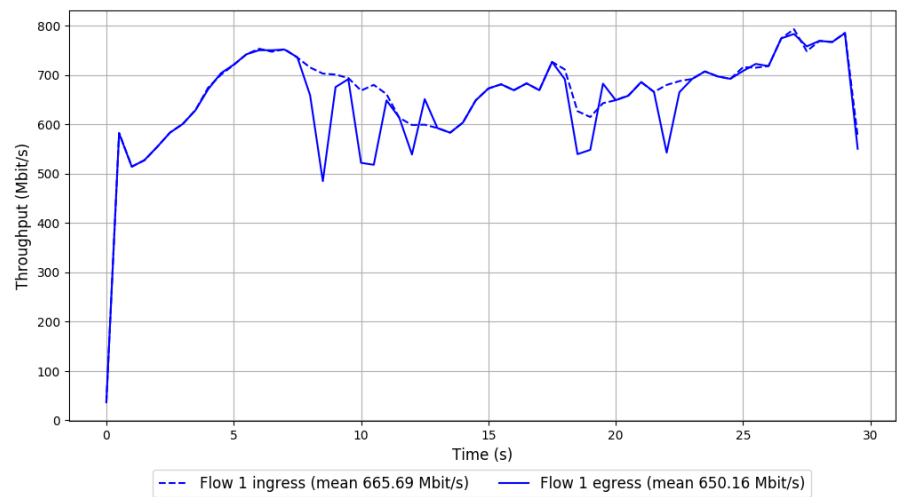
-- Flow 1:

Average throughput: 650.16 Mbit/s

95th percentile per-packet one-way delay: 60.076 ms

Loss rate: 2.40%

Run 5: Report of PCC — Data Link

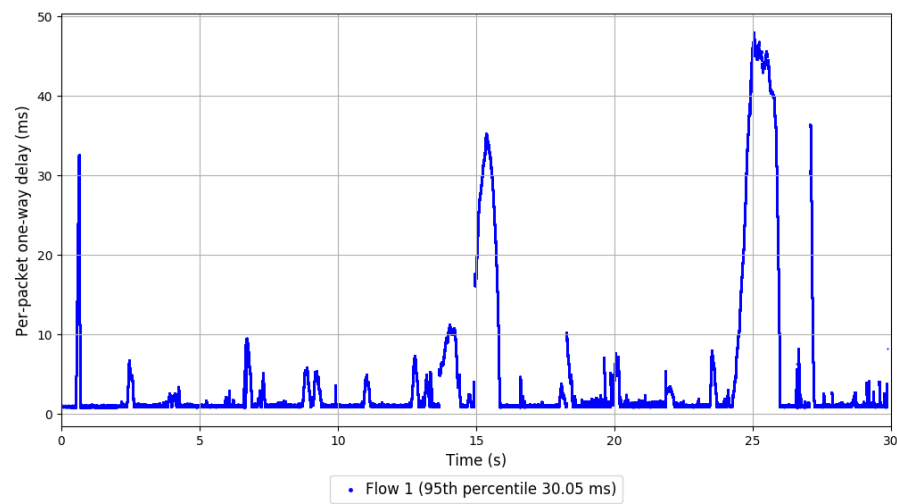
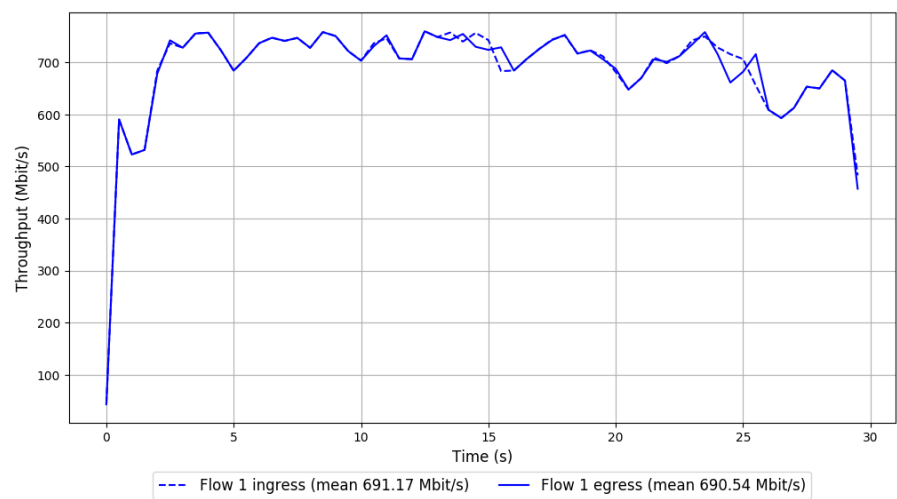


Run 6: Statistics of PCC

Start at: 2017-08-16 20:22:41
End at: 2017-08-16 20:23:11
Local clock offset: 1.399 ms
Remote clock offset: -1.336 ms

Below is generated by plot.py at 2017-08-17 03:12:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 690.54 Mbit/s
95th percentile per-packet one-way delay: 30.050 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 690.54 Mbit/s
95th percentile per-packet one-way delay: 30.050 ms
Loss rate: 0.14%

Run 6: Report of PCC — Data Link

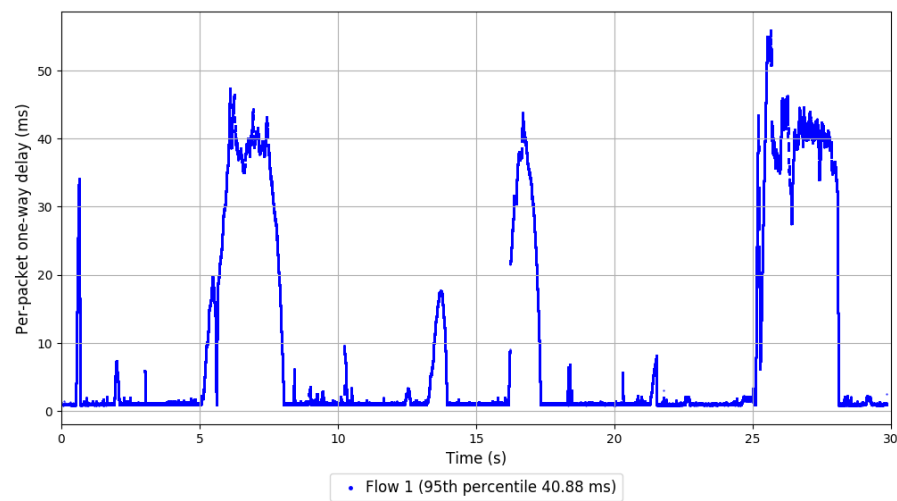
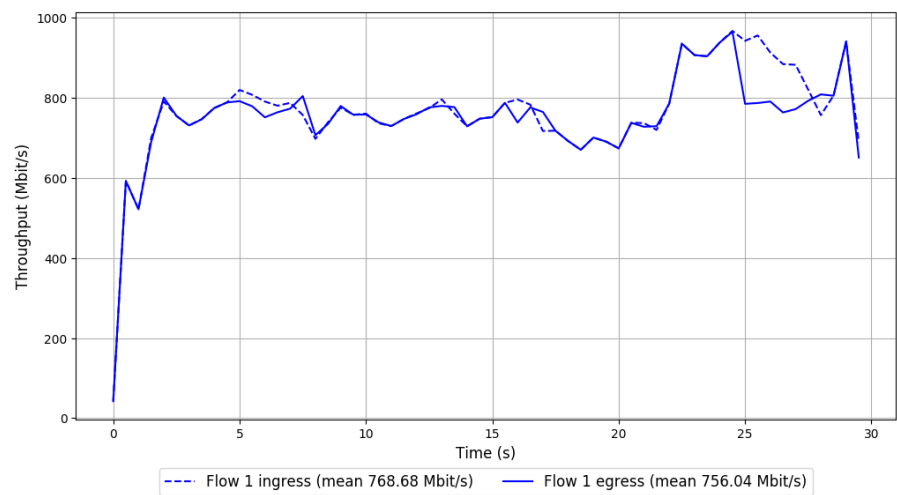


Run 7: Statistics of PCC

Start at: 2017-08-16 20:43:29
End at: 2017-08-16 20:43:59
Local clock offset: 1.562 ms
Remote clock offset: -1.259 ms

Below is generated by plot.py at 2017-08-17 03:13:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 756.04 Mbit/s
95th percentile per-packet one-way delay: 40.884 ms
Loss rate: 1.71%
-- Flow 1:
Average throughput: 756.04 Mbit/s
95th percentile per-packet one-way delay: 40.884 ms
Loss rate: 1.71%

Run 7: Report of PCC — Data Link

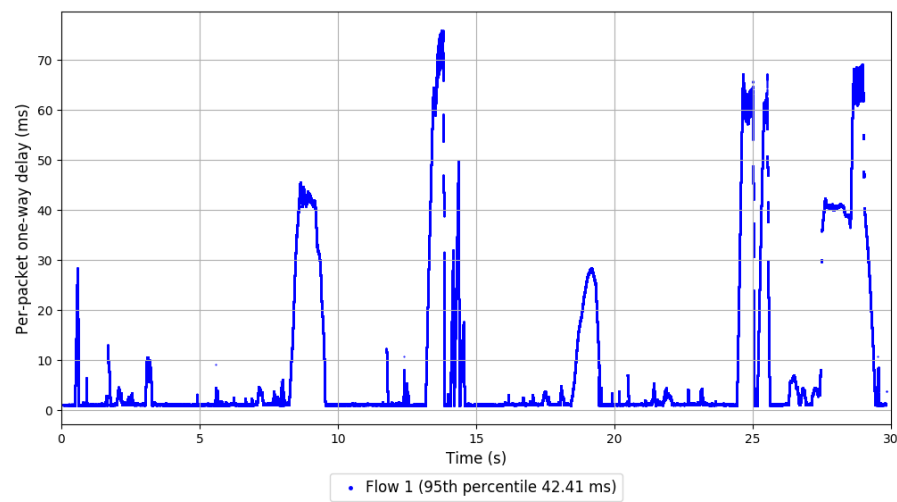
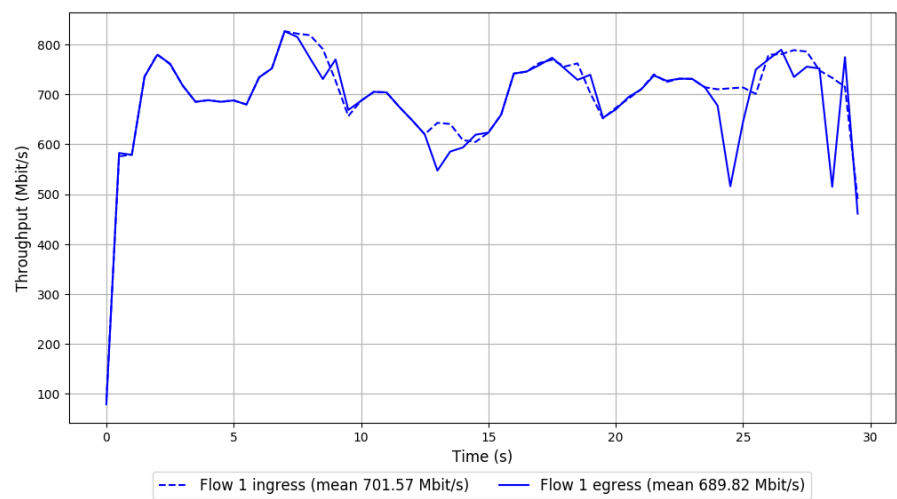


Run 8: Statistics of PCC

Start at: 2017-08-16 21:04:08
End at: 2017-08-16 21:04:38
Local clock offset: 1.357 ms
Remote clock offset: -1.237 ms

Below is generated by plot.py at 2017-08-17 03:13:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 689.82 Mbit/s
95th percentile per-packet one-way delay: 42.406 ms
Loss rate: 1.74%
-- Flow 1:
Average throughput: 689.82 Mbit/s
95th percentile per-packet one-way delay: 42.406 ms
Loss rate: 1.74%

Run 8: Report of PCC — Data Link

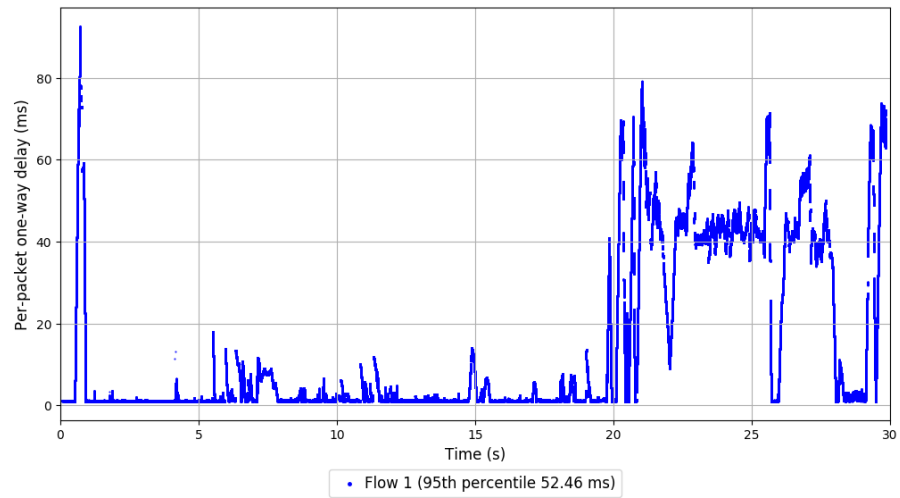
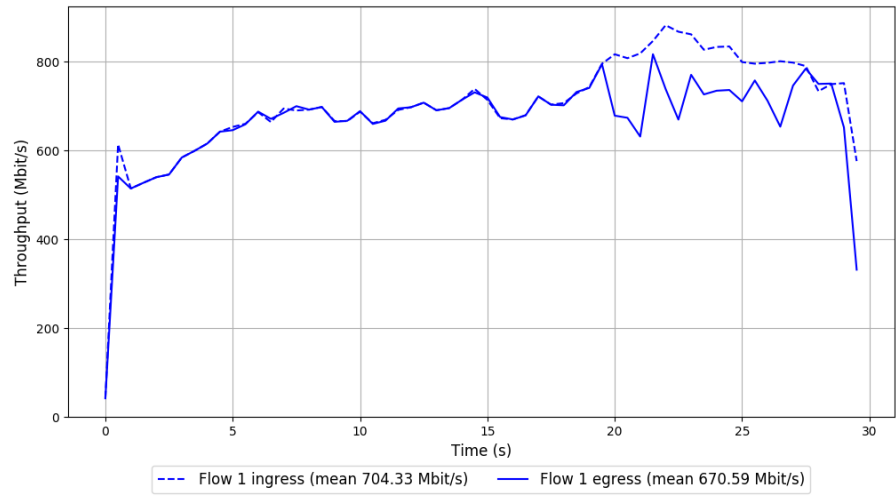


Run 9: Statistics of PCC

Start at: 2017-08-16 21:25:10
End at: 2017-08-16 21:25:40
Local clock offset: 1.016 ms
Remote clock offset: -1.176 ms

Below is generated by plot.py at 2017-08-17 03:15:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 670.59 Mbit/s
95th percentile per-packet one-way delay: 52.464 ms
Loss rate: 4.85%
-- Flow 1:
Average throughput: 670.59 Mbit/s
95th percentile per-packet one-way delay: 52.464 ms
Loss rate: 4.85%

Run 9: Report of PCC — Data Link

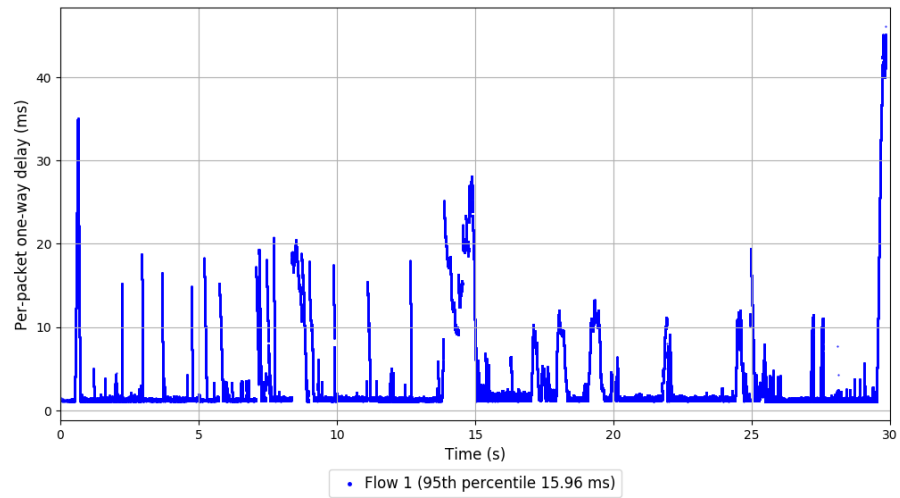
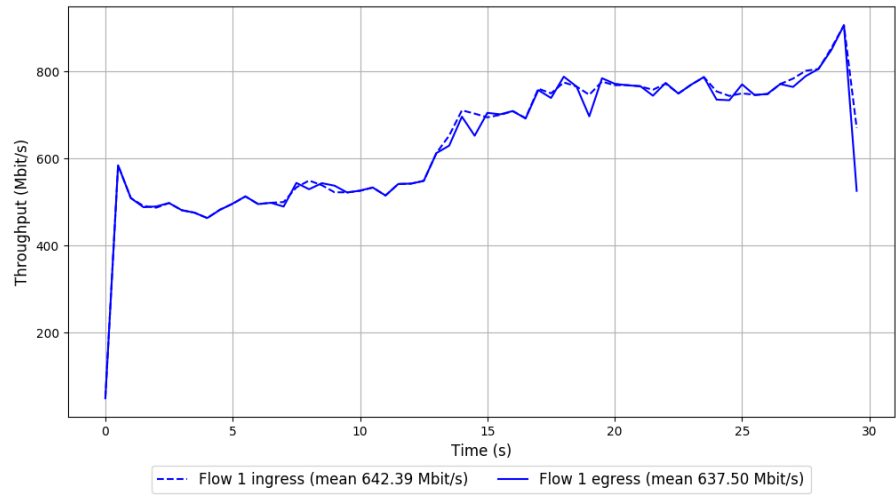


Run 10: Statistics of PCC

Start at: 2017-08-16 21:45:46
End at: 2017-08-16 21:46:16
Local clock offset: 1.273 ms
Remote clock offset: -1.081 ms

Below is generated by plot.py at 2017-08-17 03:15:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 637.50 Mbit/s
95th percentile per-packet one-way delay: 15.958 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 637.50 Mbit/s
95th percentile per-packet one-way delay: 15.958 ms
Loss rate: 0.83%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2017-08-16 18:34:44

End at: 2017-08-16 18:35:14

Local clock offset: 0.208 ms

Remote clock offset: -2.176 ms

Below is generated by plot.py at 2017-08-17 03:15:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 67.55 Mbit/s

95th percentile per-packet one-way delay: 1.168 ms

Loss rate: 0.08%

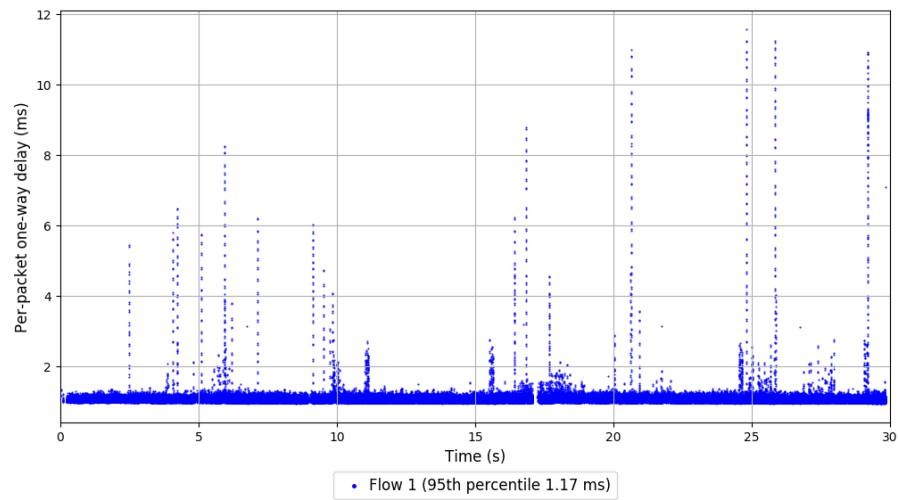
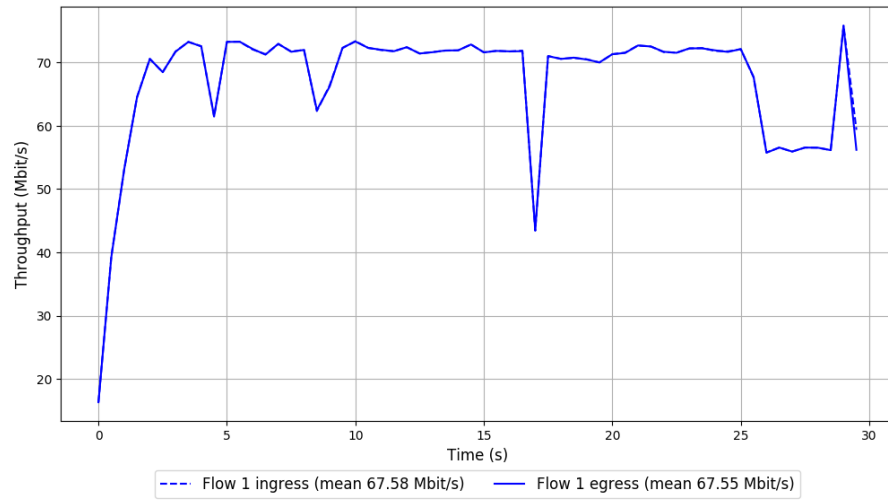
-- Flow 1:

Average throughput: 67.55 Mbit/s

95th percentile per-packet one-way delay: 1.168 ms

Loss rate: 0.08%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2017-08-16 18:55:37

End at: 2017-08-16 18:56:07

Local clock offset: 0.374 ms

Remote clock offset: -2.071 ms

Below is generated by plot.py at 2017-08-17 03:15:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 72.62 Mbit/s

95th percentile per-packet one-way delay: 1.283 ms

Loss rate: 0.08%

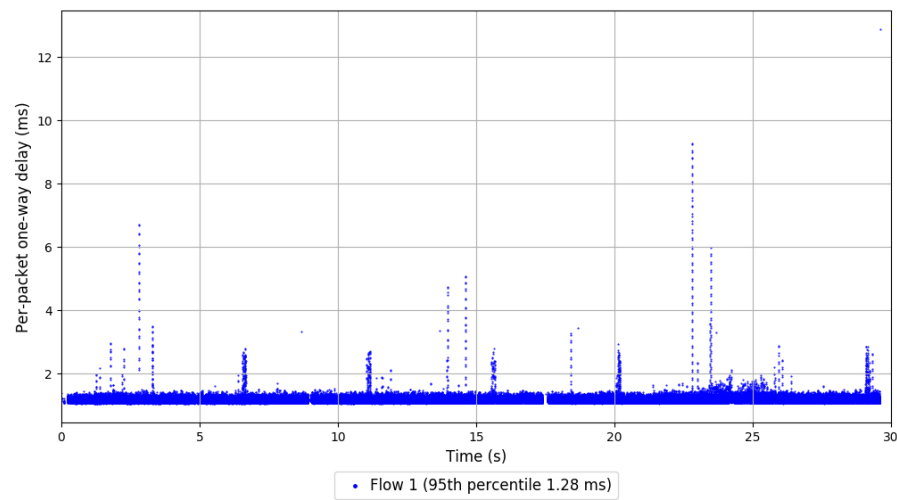
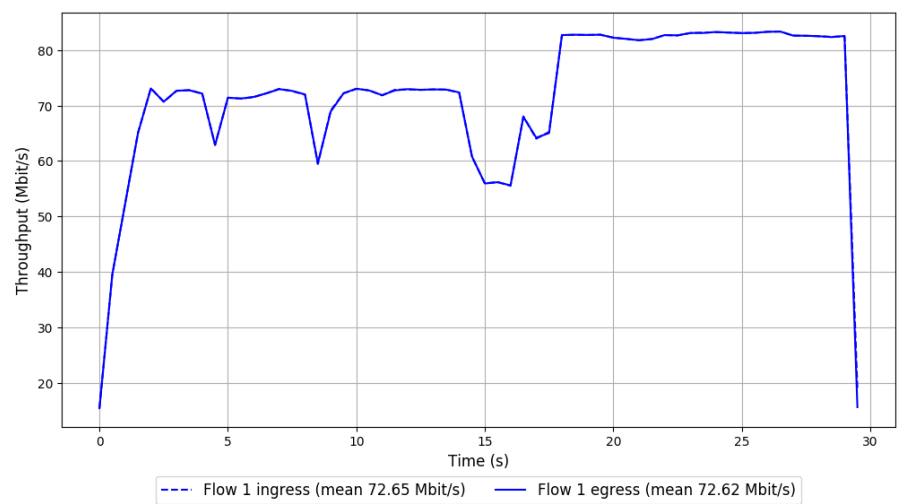
-- Flow 1:

Average throughput: 72.62 Mbit/s

95th percentile per-packet one-way delay: 1.283 ms

Loss rate: 0.08%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2017-08-16 19:16:26

End at: 2017-08-16 19:16:56

Local clock offset: 0.517 ms

Remote clock offset: -1.588 ms

Below is generated by plot.py at 2017-08-17 03:15:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.73 Mbit/s

95th percentile per-packet one-way delay: 1.223 ms

Loss rate: 0.05%

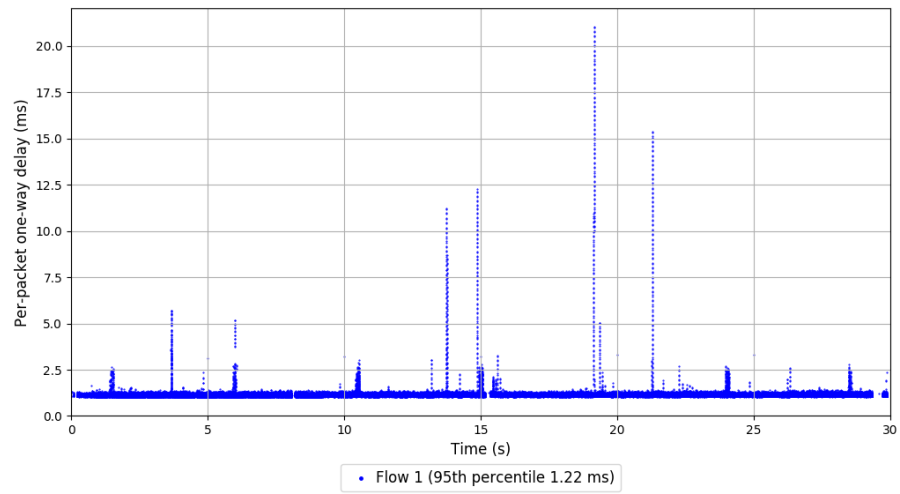
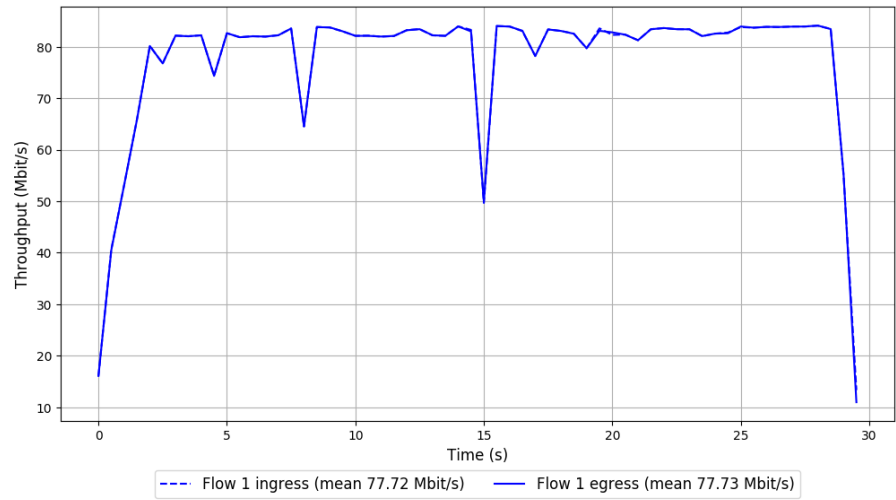
-- Flow 1:

Average throughput: 77.73 Mbit/s

95th percentile per-packet one-way delay: 1.223 ms

Loss rate: 0.05%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2017-08-16 19:37:11

End at: 2017-08-16 19:37:41

Local clock offset: 0.787 ms

Remote clock offset: -1.485 ms

Below is generated by plot.py at 2017-08-17 03:15:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.20 Mbit/s

95th percentile per-packet one-way delay: 1.176 ms

Loss rate: 0.07%

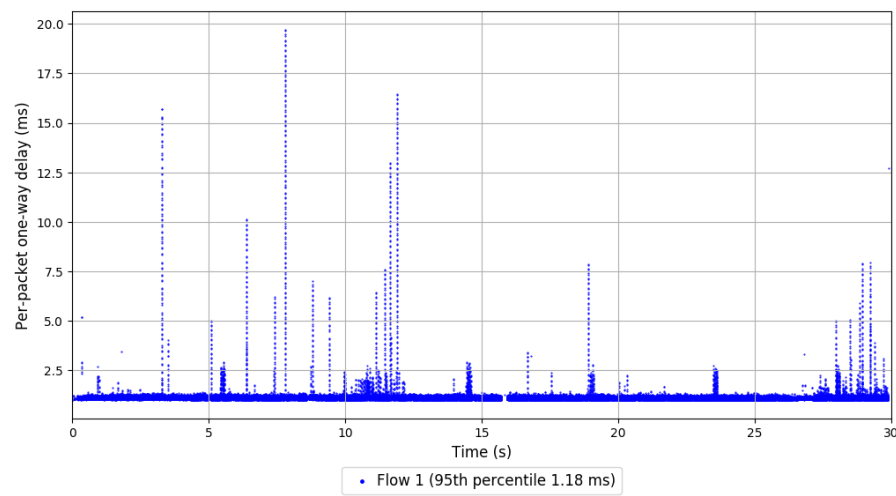
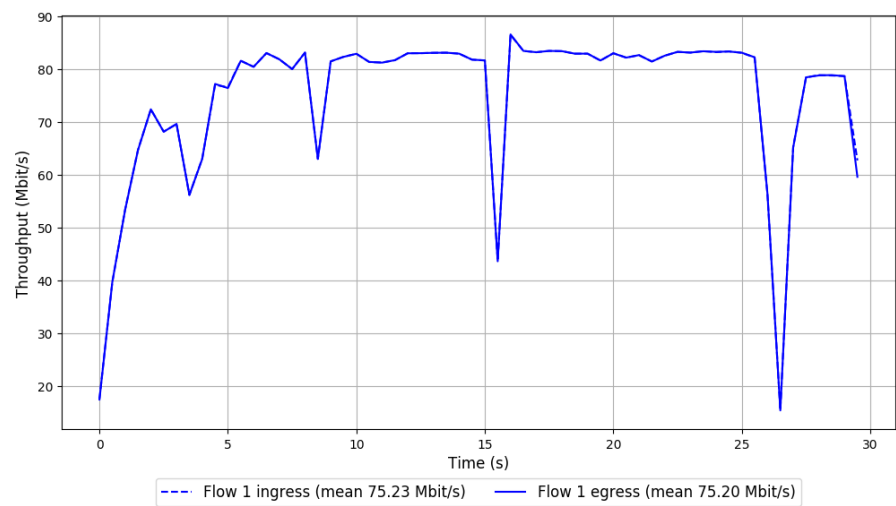
-- Flow 1:

Average throughput: 75.20 Mbit/s

95th percentile per-packet one-way delay: 1.176 ms

Loss rate: 0.07%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2017-08-16 19:57:53

End at: 2017-08-16 19:58:23

Local clock offset: 1.012 ms

Remote clock offset: -1.528 ms

Below is generated by plot.py at 2017-08-17 03:15:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.42 Mbit/s

95th percentile per-packet one-way delay: 1.057 ms

Loss rate: 0.00%

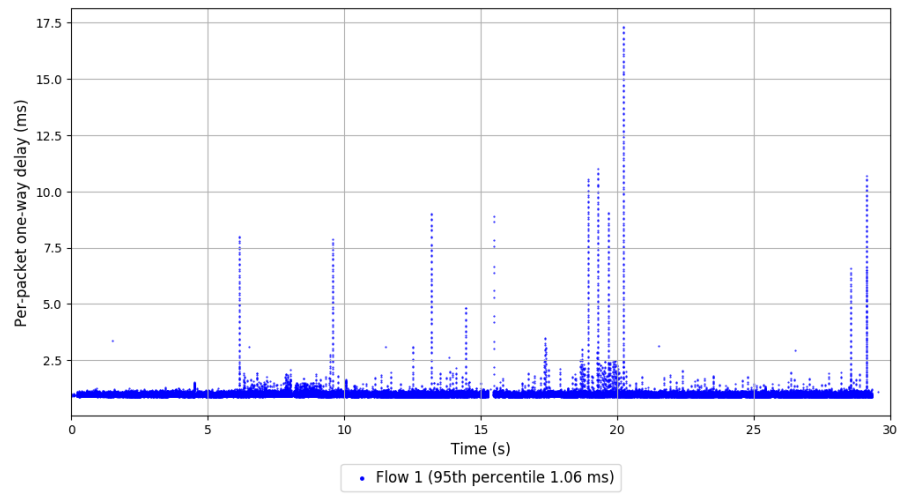
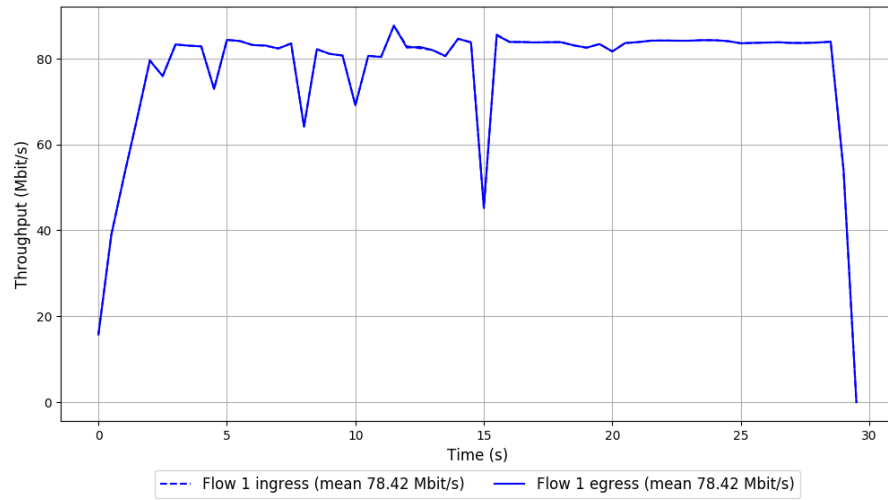
-- Flow 1:

Average throughput: 78.42 Mbit/s

95th percentile per-packet one-way delay: 1.057 ms

Loss rate: 0.00%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2017-08-16 20:18:32

End at: 2017-08-16 20:19:02

Local clock offset: 1.344 ms

Remote clock offset: -1.443 ms

Below is generated by plot.py at 2017-08-17 03:15:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.58 Mbit/s

95th percentile per-packet one-way delay: 1.077 ms

Loss rate: 0.00%

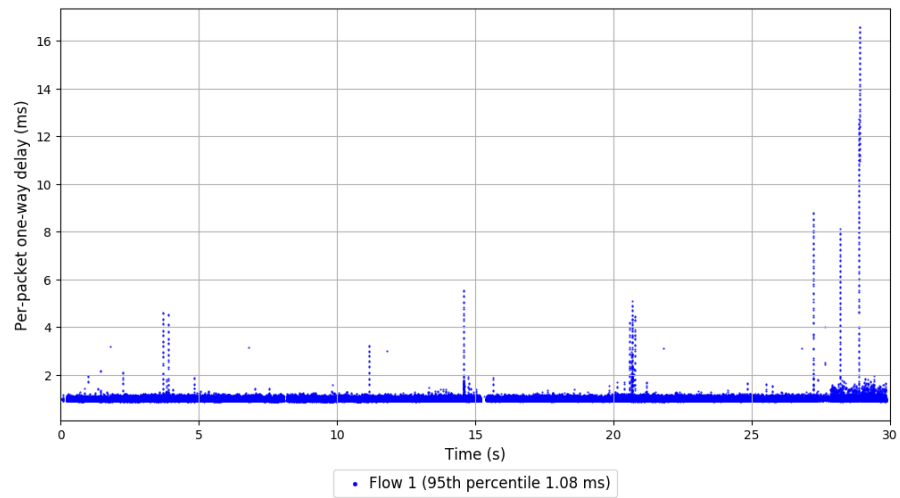
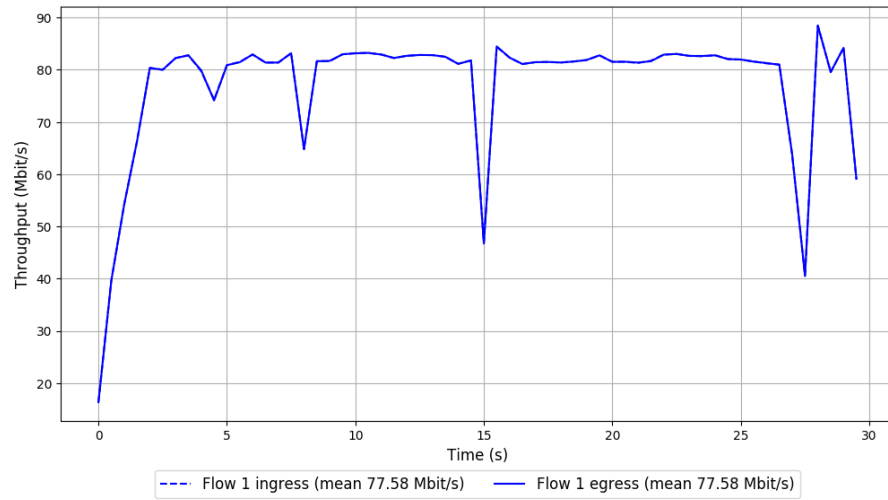
-- Flow 1:

Average throughput: 77.58 Mbit/s

95th percentile per-packet one-way delay: 1.077 ms

Loss rate: 0.00%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: 2017-08-16 20:39:20

End at: 2017-08-16 20:39:50

Local clock offset: 1.63 ms

Remote clock offset: -1.298 ms

Below is generated by plot.py at 2017-08-17 03:15:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.76 Mbit/s

95th percentile per-packet one-way delay: 1.109 ms

Loss rate: 0.01%

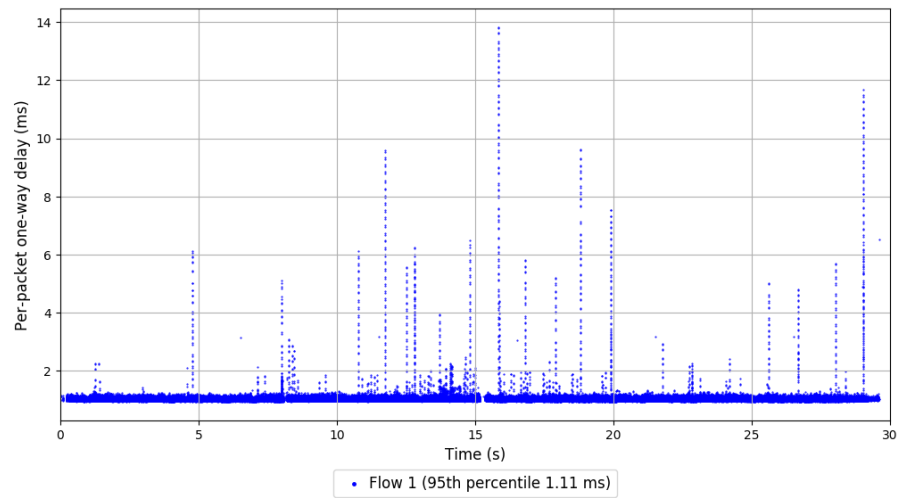
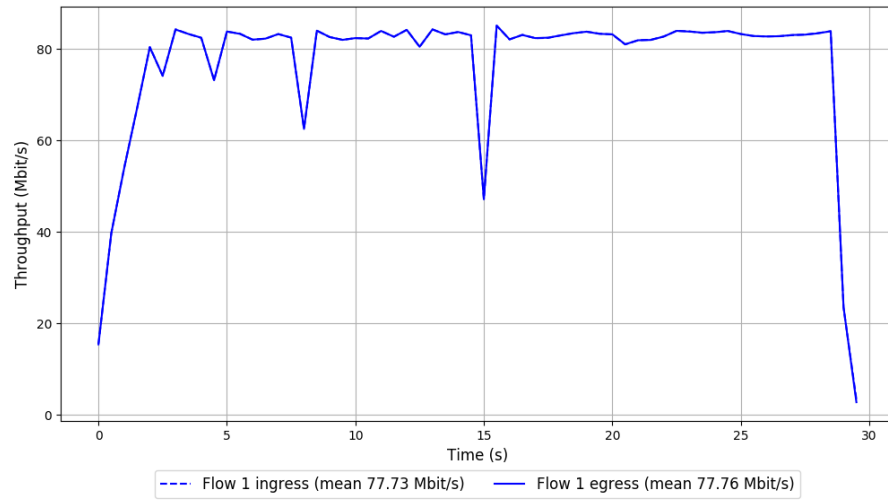
-- Flow 1:

Average throughput: 77.76 Mbit/s

95th percentile per-packet one-way delay: 1.109 ms

Loss rate: 0.01%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2017-08-16 21:00:03

End at: 2017-08-16 21:00:33

Local clock offset: 1.42 ms

Remote clock offset: -1.241 ms

Below is generated by plot.py at 2017-08-17 03:15:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.14 Mbit/s

95th percentile per-packet one-way delay: 1.038 ms

Loss rate: 0.08%

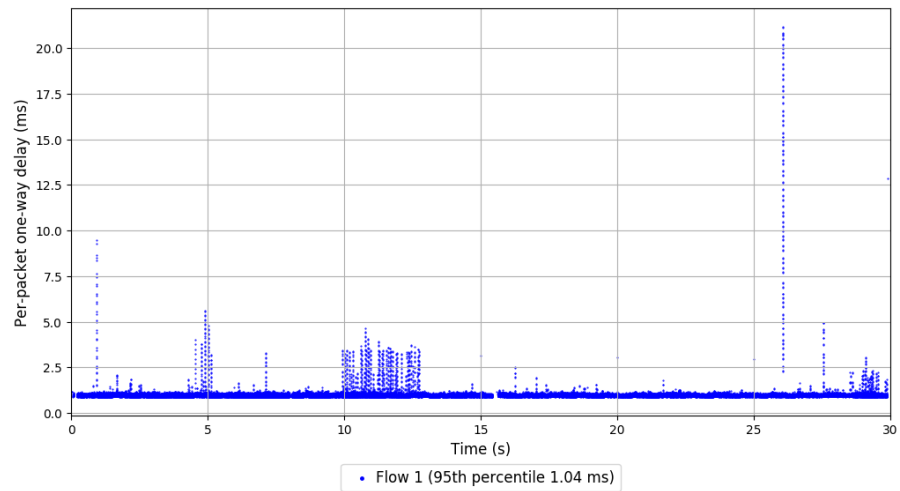
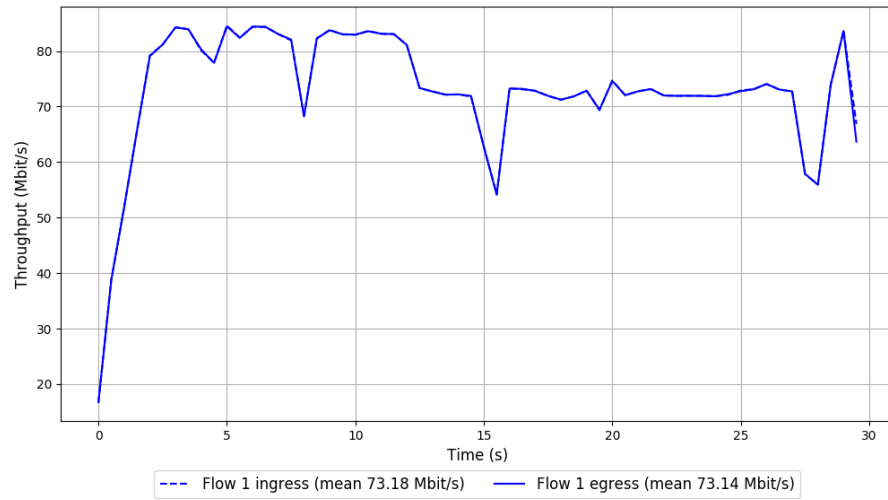
-- Flow 1:

Average throughput: 73.14 Mbit/s

95th percentile per-packet one-way delay: 1.038 ms

Loss rate: 0.08%

Run 8: Report of QUIC Cubic — Data Link

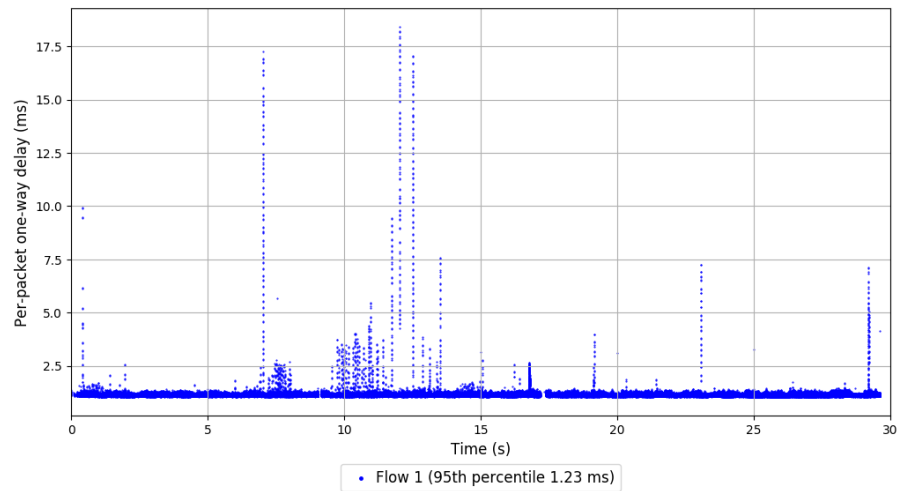
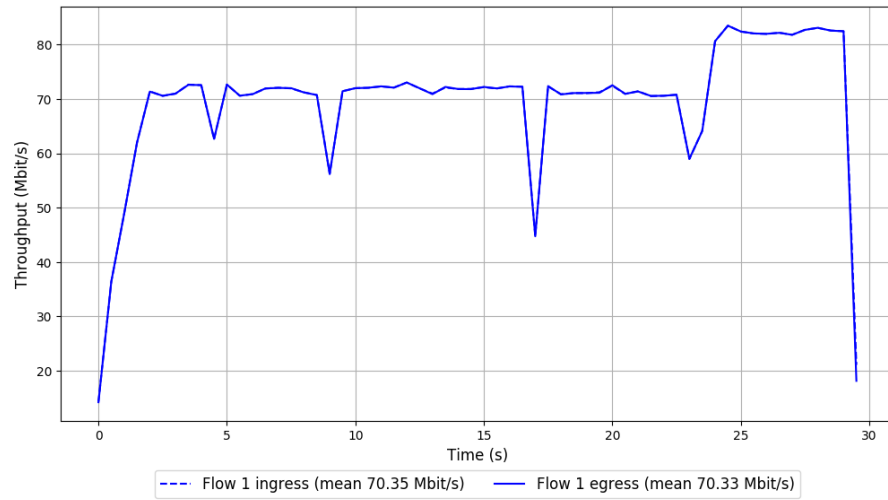


Run 9: Statistics of QUIC Cubic

Start at: 2017-08-16 21:21:01
End at: 2017-08-16 21:21:31
Local clock offset: 1.126 ms
Remote clock offset: -1.215 ms

Below is generated by plot.py at 2017-08-17 03:16:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 70.33 Mbit/s
95th percentile per-packet one-way delay: 1.227 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 70.33 Mbit/s
95th percentile per-packet one-way delay: 1.227 ms
Loss rate: 0.08%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2017-08-16 21:41:42

End at: 2017-08-16 21:42:12

Local clock offset: 1.197 ms

Remote clock offset: -1.076 ms

Below is generated by plot.py at 2017-08-17 03:16:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.24 Mbit/s

95th percentile per-packet one-way delay: 1.228 ms

Loss rate: 0.07%

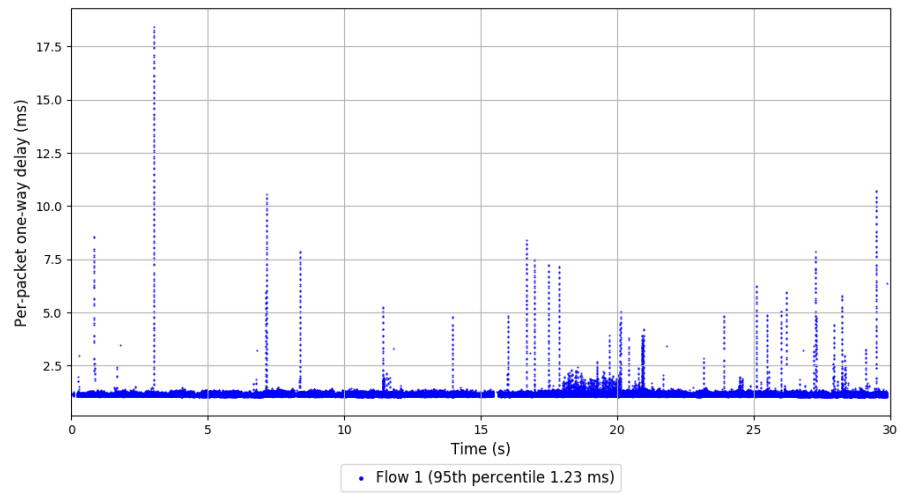
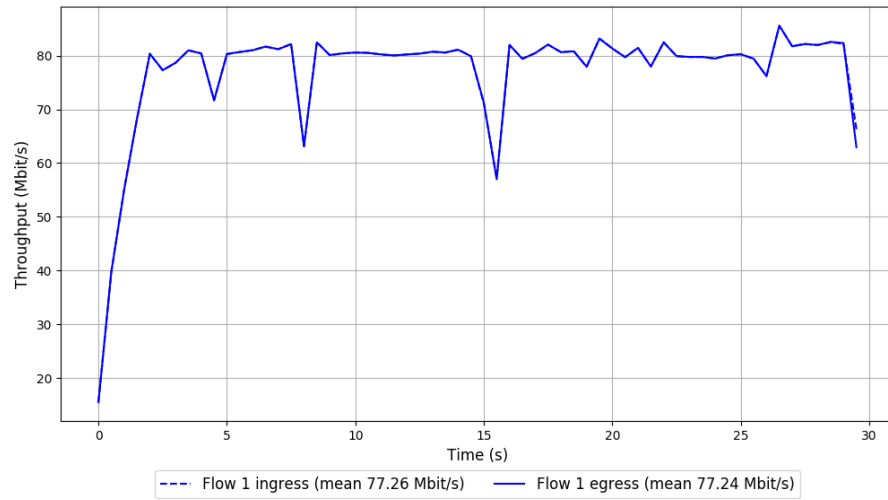
-- Flow 1:

Average throughput: 77.24 Mbit/s

95th percentile per-packet one-way delay: 1.228 ms

Loss rate: 0.07%

Run 10: Report of QUIC Cubic — Data Link

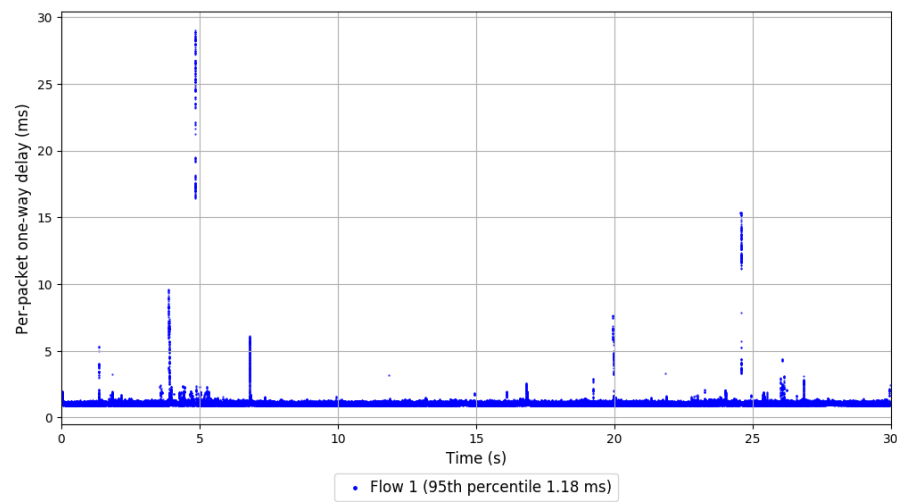
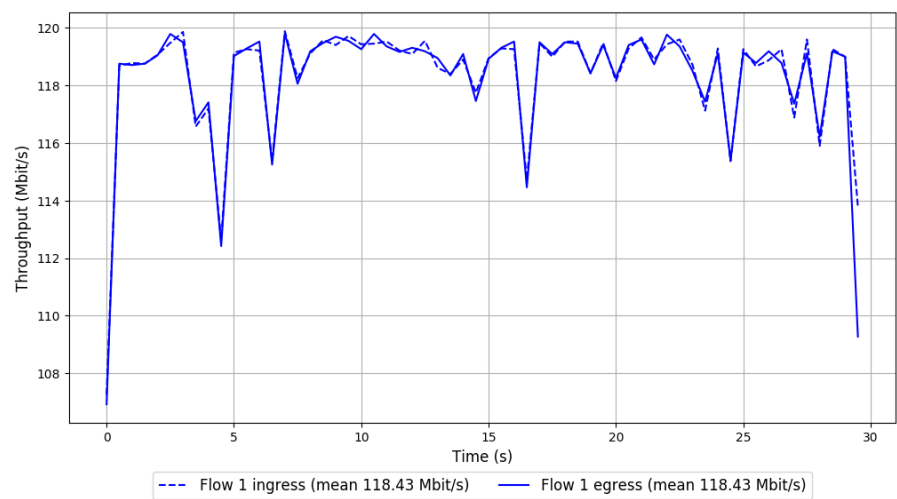


Run 1: Statistics of Saturator

Start at: 2017-08-16 18:33:26
End at: 2017-08-16 18:33:56
Local clock offset: 0.15 ms
Remote clock offset: -2.175 ms

Below is generated by plot.py at 2017-08-17 03:16:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 118.43 Mbit/s
95th percentile per-packet one-way delay: 1.183 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 118.43 Mbit/s
95th percentile per-packet one-way delay: 1.183 ms
Loss rate: 0.07%

Run 1: Report of Saturator — Data Link



Run 2: Statistics of Saturator

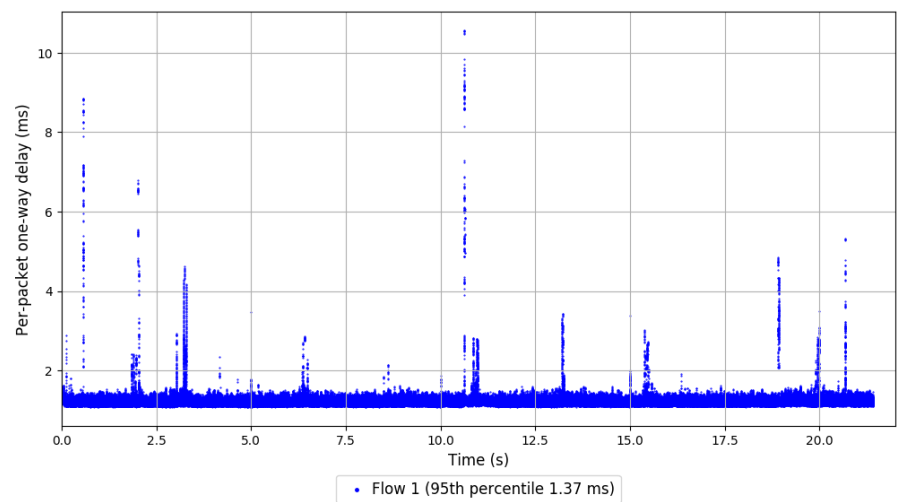
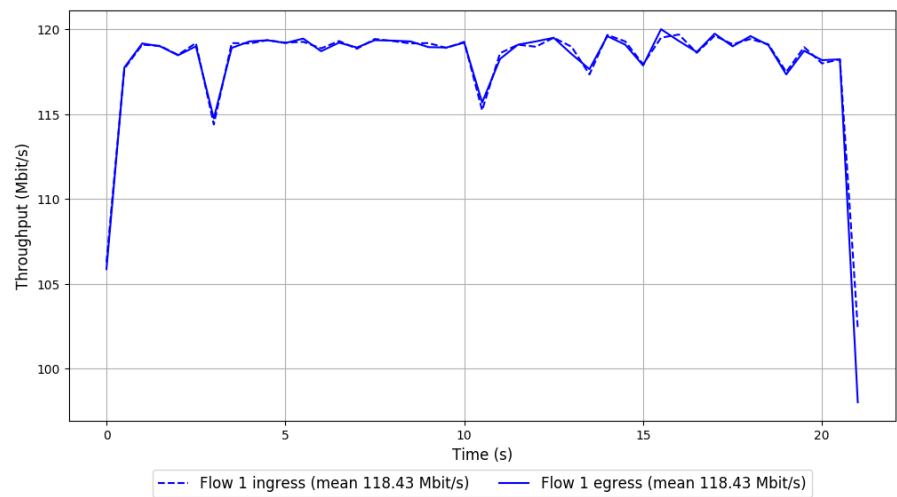
Start at: 2017-08-16 18:54:21

End at: 2017-08-16 18:54:51

Local clock offset: 0.367 ms

Remote clock offset: -2.132 ms

Run 2: Report of Saturator — Data Link

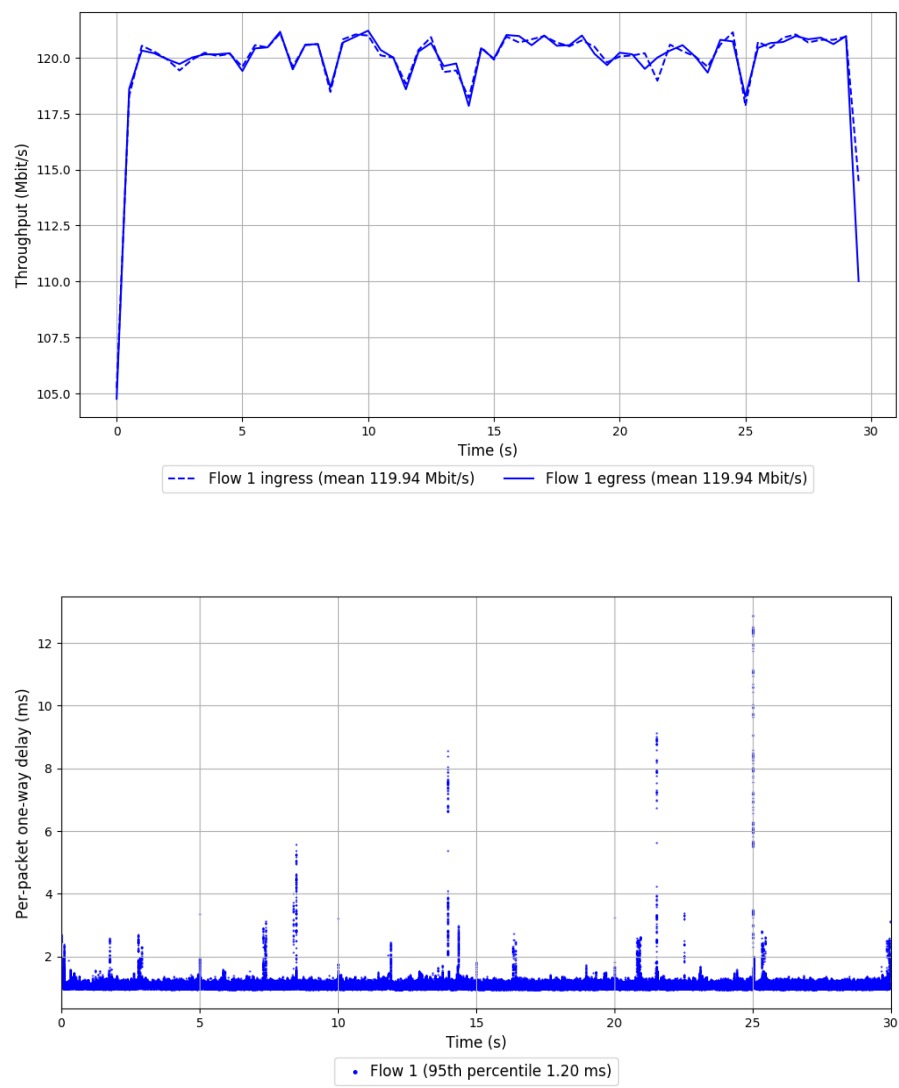


Run 3: Statistics of Saturator

Start at: 2017-08-16 19:15:08
End at: 2017-08-16 19:15:38
Local clock offset: 0.427 ms
Remote clock offset: -1.582 ms

Below is generated by plot.py at 2017-08-17 03:16:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 119.94 Mbit/s
95th percentile per-packet one-way delay: 1.204 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 119.94 Mbit/s
95th percentile per-packet one-way delay: 1.204 ms
Loss rate: 0.07%

Run 3: Report of Saturator — Data Link



Run 4: Statistics of Saturator

Start at: 2017-08-16 19:35:53

End at: 2017-08-16 19:36:23

Local clock offset: 0.663 ms

Remote clock offset: -1.49 ms

Below is generated by plot.py at 2017-08-17 03:16:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 119.42 Mbit/s

95th percentile per-packet one-way delay: 1.193 ms

Loss rate: 0.07%

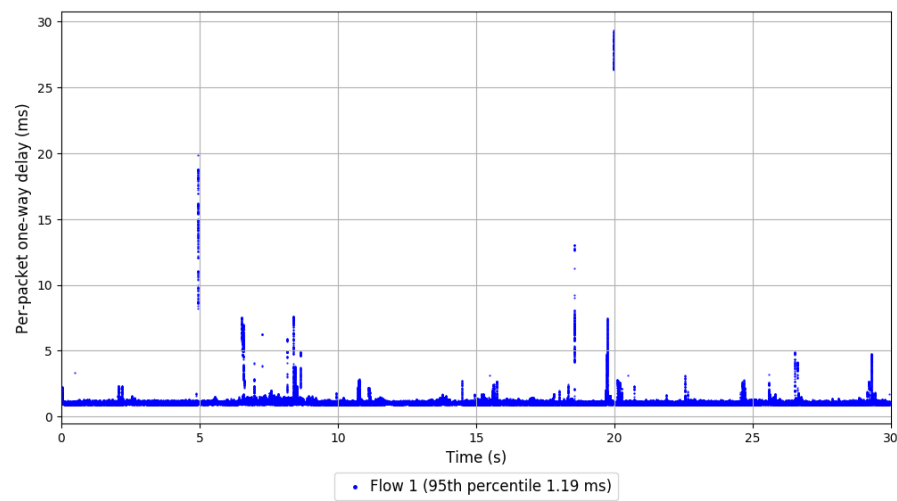
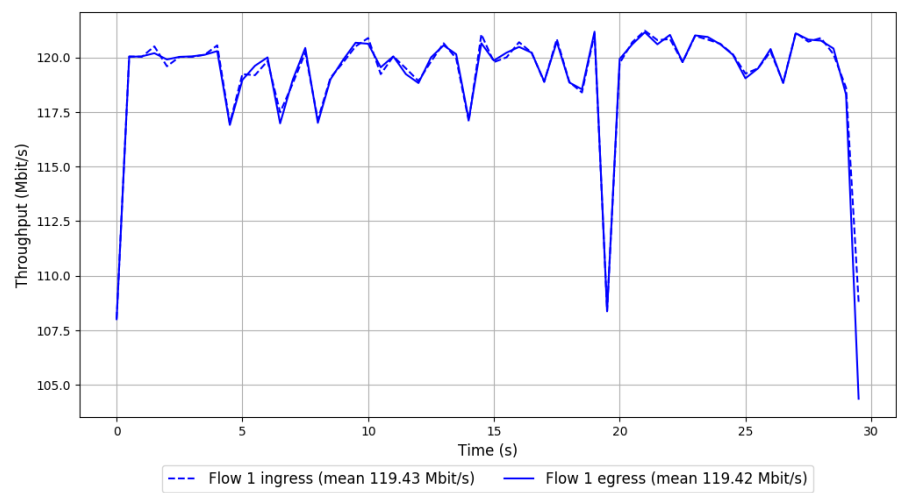
-- Flow 1:

Average throughput: 119.42 Mbit/s

95th percentile per-packet one-way delay: 1.193 ms

Loss rate: 0.07%

Run 4: Report of Saturator — Data Link



Run 5: Statistics of Saturator

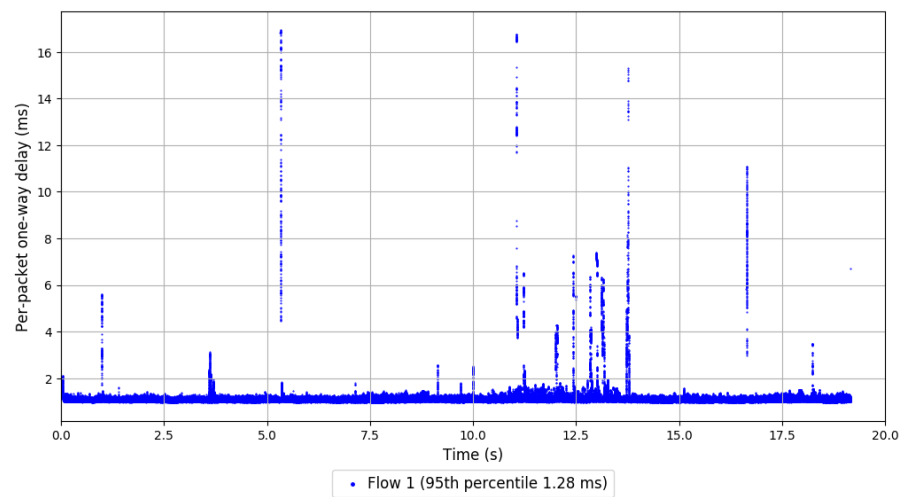
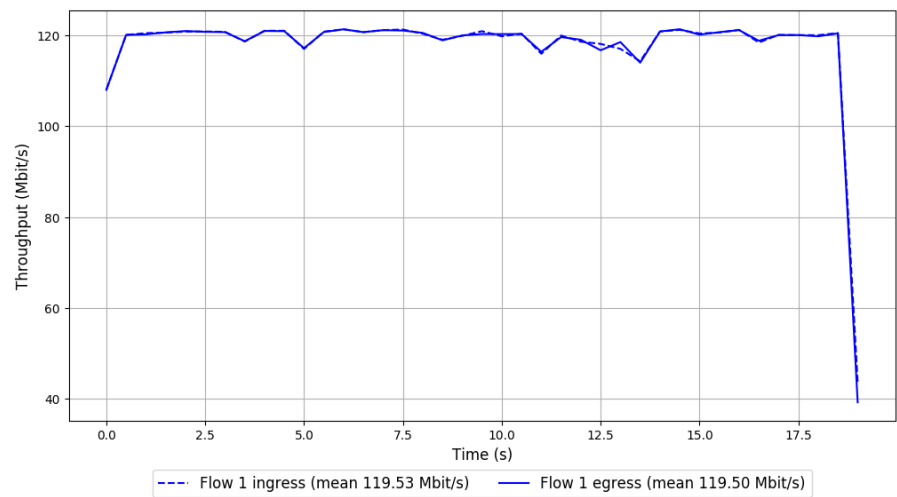
Start at: 2017-08-16 19:56:38

End at: 2017-08-16 19:57:08

Local clock offset: 1.003 ms

Remote clock offset: -1.595 ms

Run 5: Report of Saturator — Data Link



Run 6: Statistics of Saturator

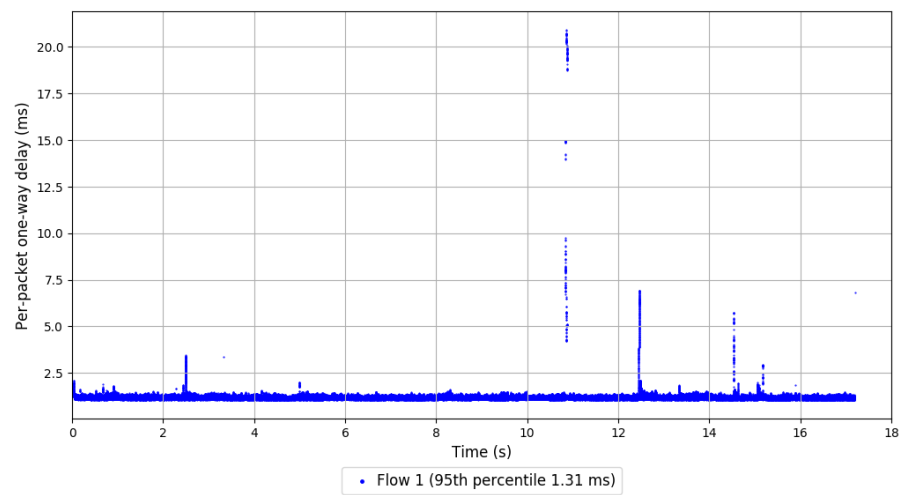
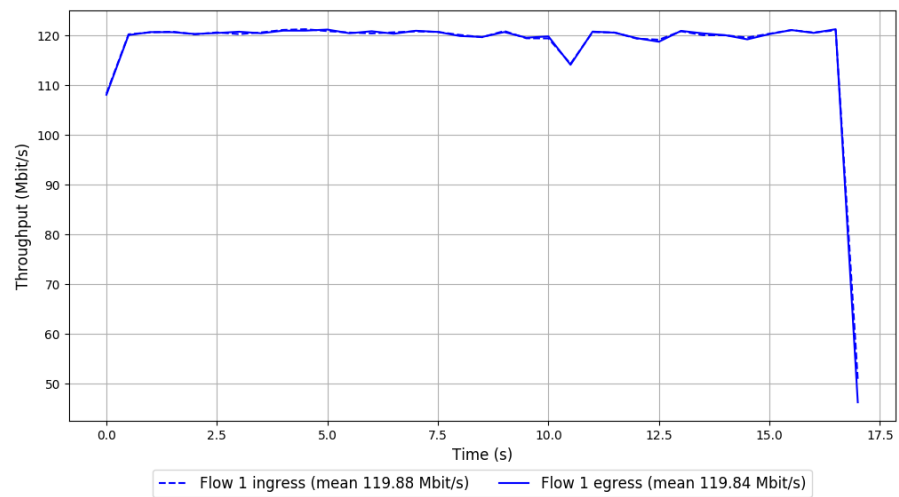
Start at: 2017-08-16 20:17:18

End at: 2017-08-16 20:17:48

Local clock offset: 1.425 ms

Remote clock offset: -1.486 ms

Run 6: Report of Saturator — Data Link



Run 7: Statistics of Saturator

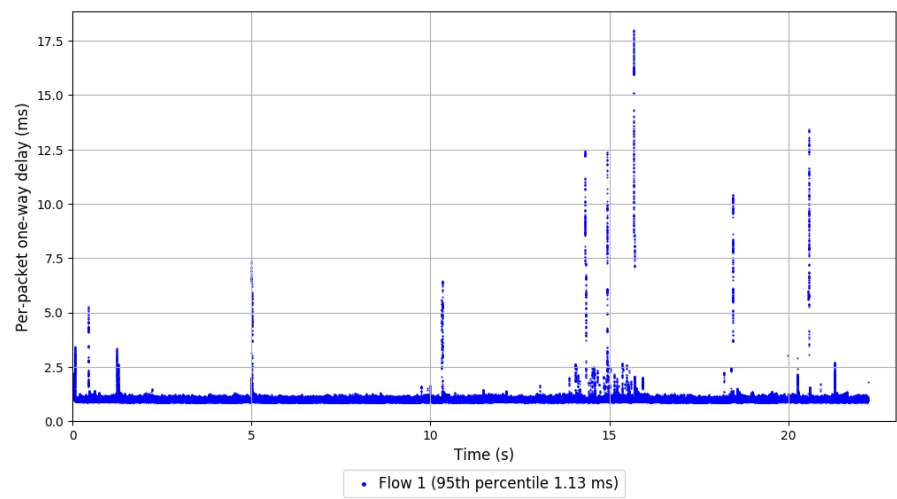
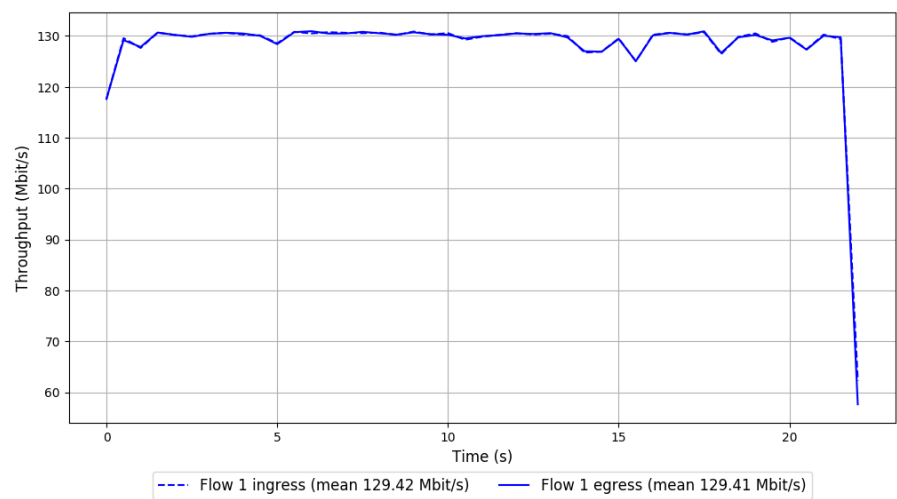
Start at: 2017-08-16 20:38:04

End at: 2017-08-16 20:38:34

Local clock offset: 1.514 ms

Remote clock offset: -1.337 ms

Run 7: Report of Saturator — Data Link

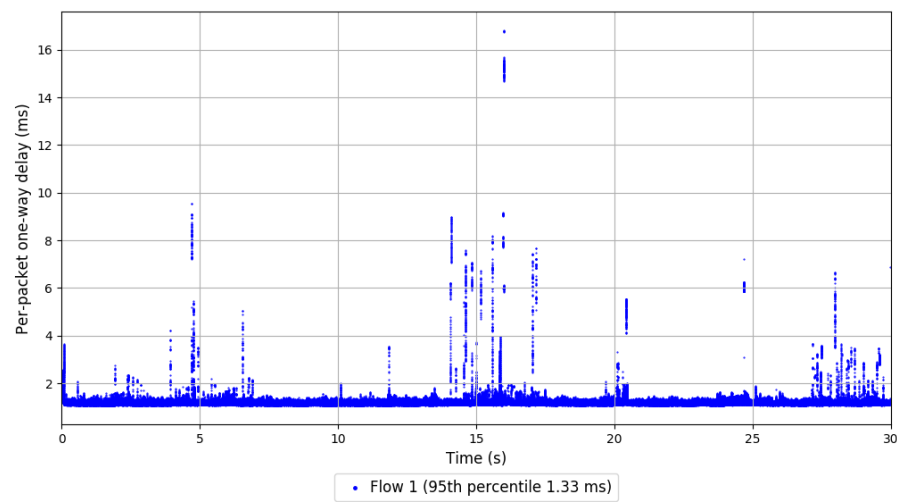
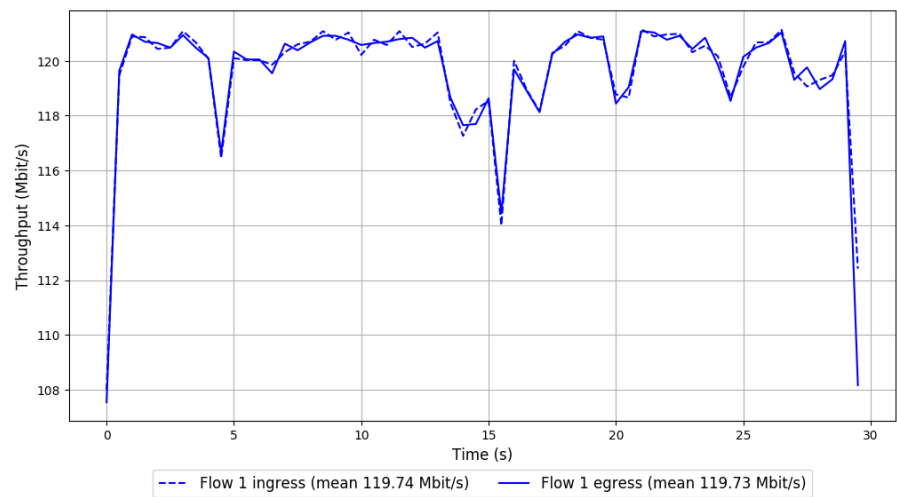


Run 8: Statistics of Saturator

Start at: 2017-08-16 20:58:45
End at: 2017-08-16 20:59:15
Local clock offset: 1.543 ms
Remote clock offset: -1.307 ms

Below is generated by plot.py at 2017-08-17 03:17:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 119.73 Mbit/s
95th percentile per-packet one-way delay: 1.333 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 119.73 Mbit/s
95th percentile per-packet one-way delay: 1.333 ms
Loss rate: 0.06%

Run 8: Report of Saturator — Data Link

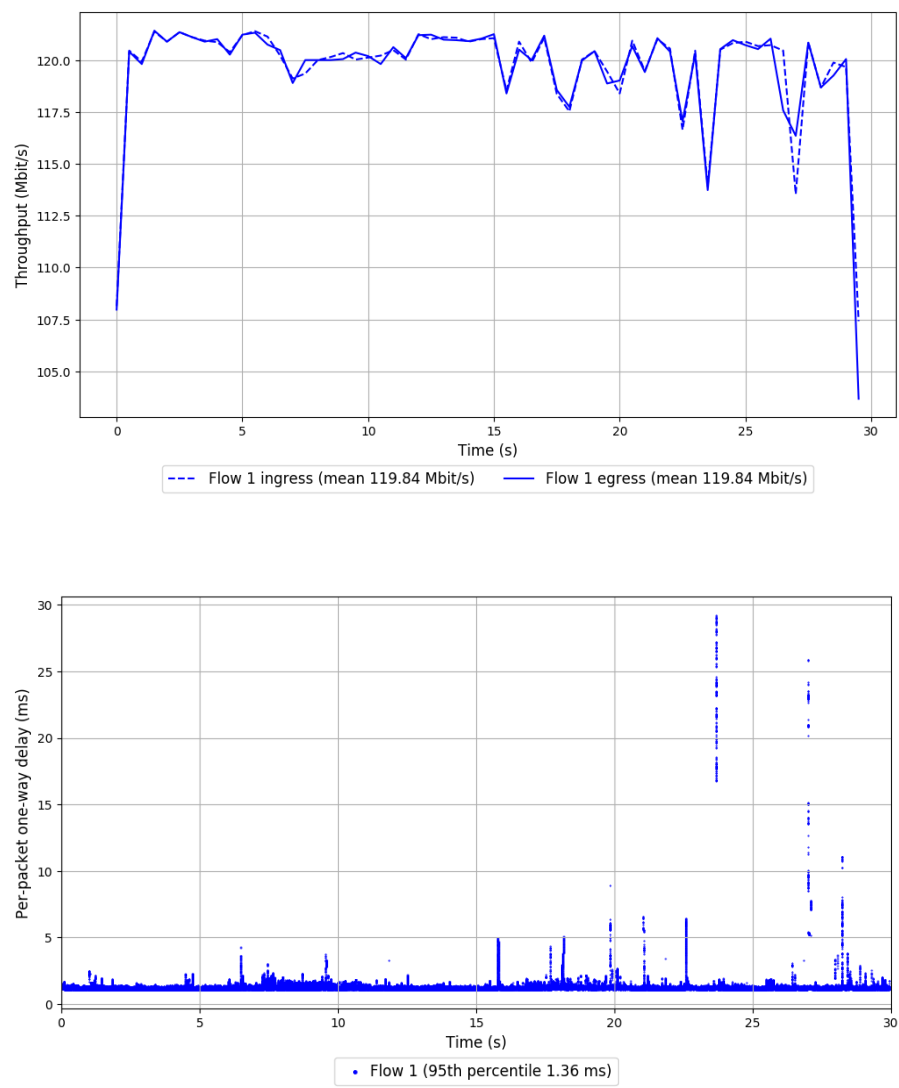


Run 9: Statistics of Saturator

Start at: 2017-08-16 21:19:43
End at: 2017-08-16 21:20:13
Local clock offset: 1.136 ms
Remote clock offset: -1.216 ms

Below is generated by plot.py at 2017-08-17 03:17:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 119.84 Mbit/s
95th percentile per-packet one-way delay: 1.359 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 119.84 Mbit/s
95th percentile per-packet one-way delay: 1.359 ms
Loss rate: 0.06%

Run 9: Report of Saturator — Data Link



Run 10: Statistics of Saturator

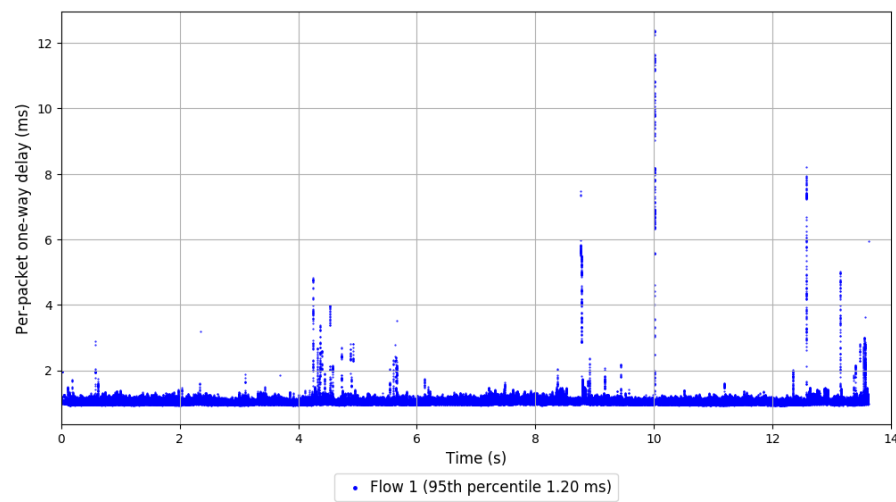
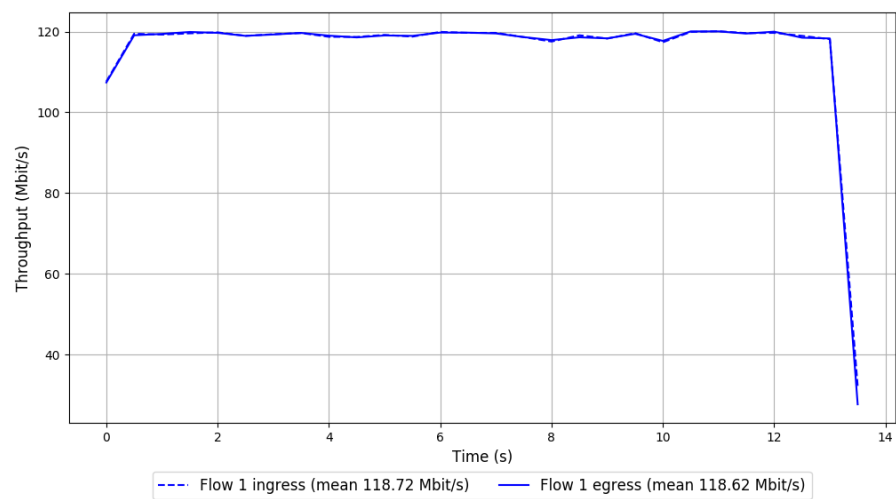
Start at: 2017-08-16 21:40:29

End at: 2017-08-16 21:40:59

Local clock offset: 1.103 ms

Remote clock offset: -1.064 ms

Run 10: Report of Saturator — Data Link

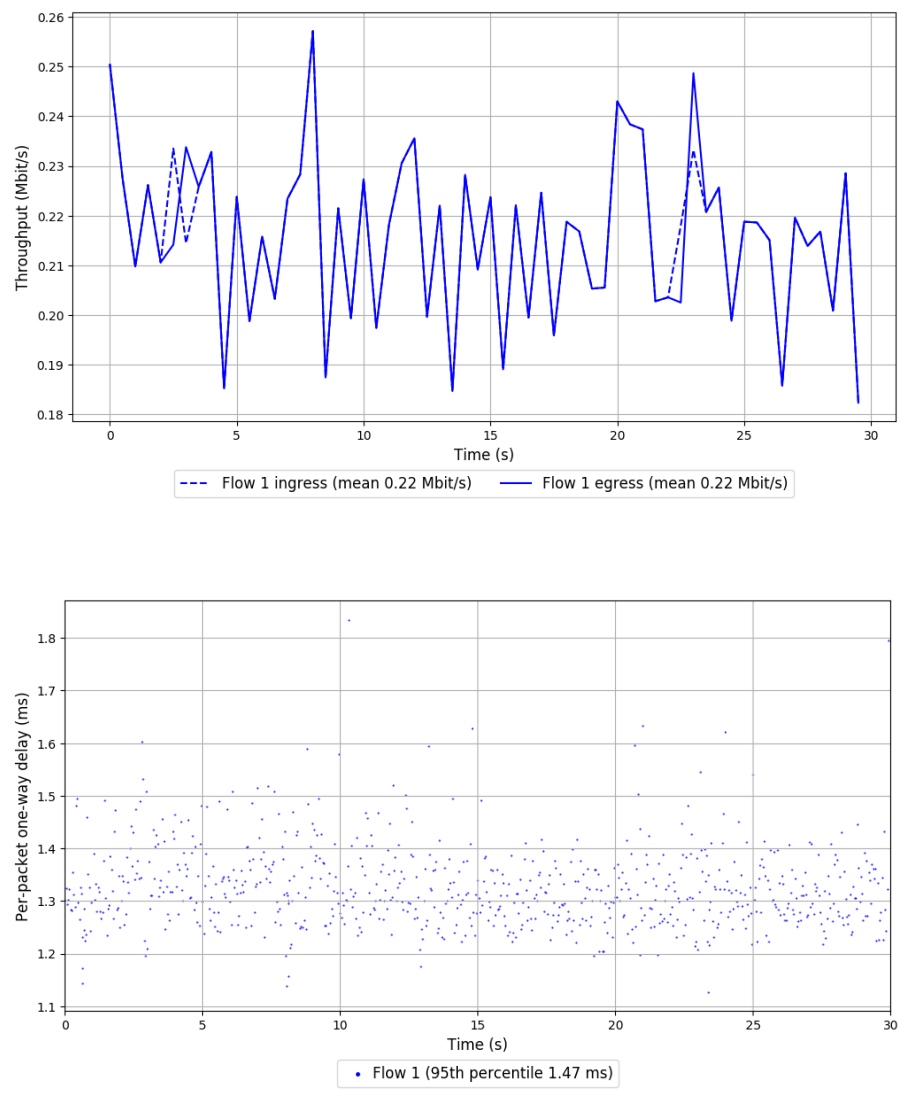


Run 1: Statistics of SCReAM

Start at: 2017-08-16 18:41:50
End at: 2017-08-16 18:42:20
Local clock offset: 0.308 ms
Remote clock offset: -2.253 ms

Below is generated by plot.py at 2017-08-17 03:17:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.470 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.470 ms
Loss rate: 0.00%

Run 1: Report of SReAM — Data Link

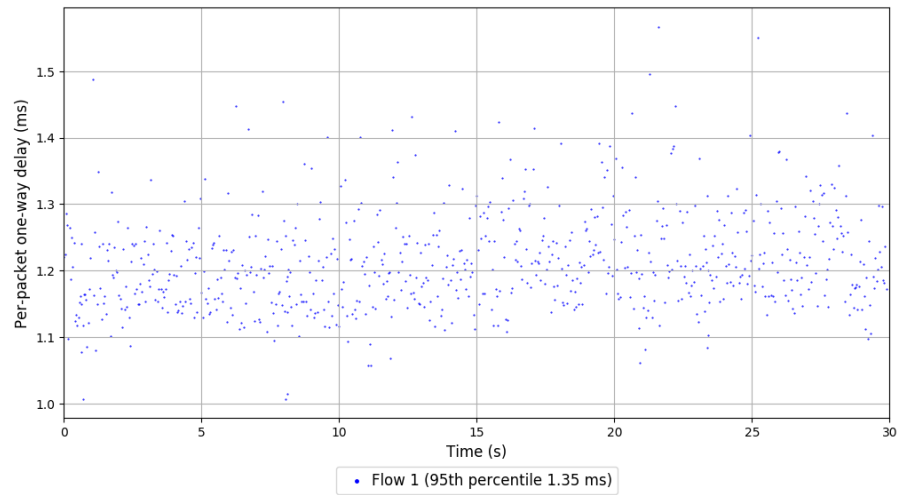
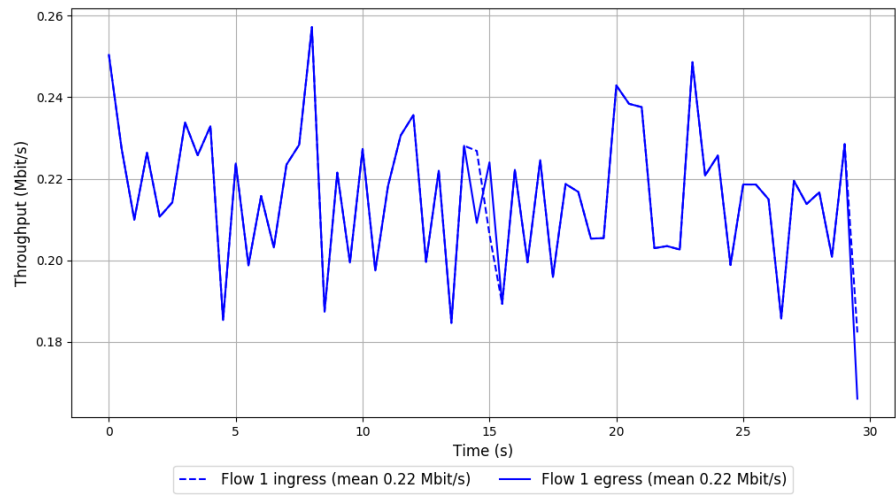


Run 2: Statistics of SCReAM

Start at: 2017-08-16 19:02:42
End at: 2017-08-16 19:03:12
Local clock offset: 0.311 ms
Remote clock offset: -1.899 ms

Below is generated by plot.py at 2017-08-17 03:17:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.353 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.353 ms
Loss rate: 0.13%

Run 2: Report of SReAM — Data Link

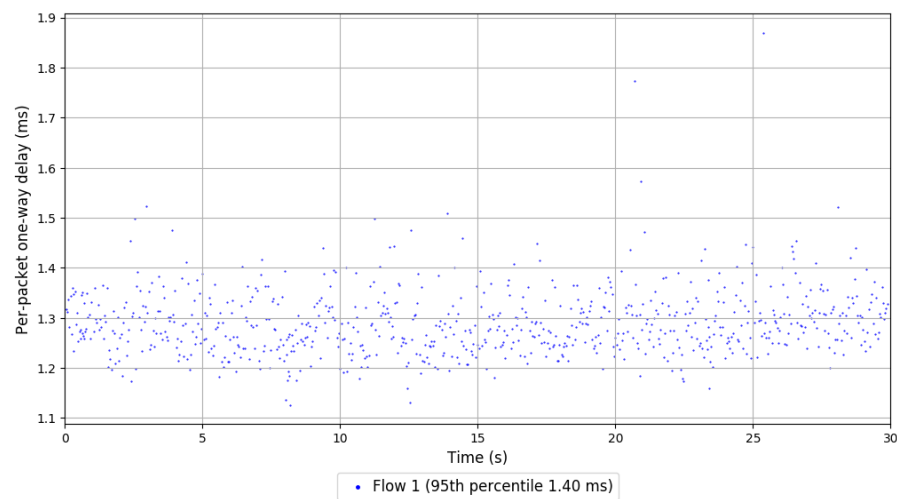
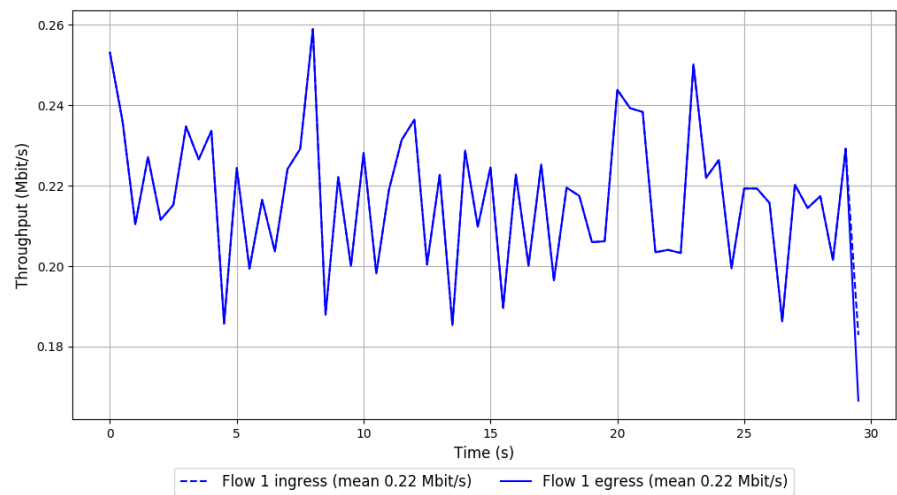


Run 3: Statistics of SCReAM

Start at: 2017-08-16 19:23:40
End at: 2017-08-16 19:24:10
Local clock offset: 0.57 ms
Remote clock offset: -1.375 ms

Below is generated by plot.py at 2017-08-17 03:17:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.400 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.400 ms
Loss rate: 0.13%

Run 3: Report of SReAM — Data Link

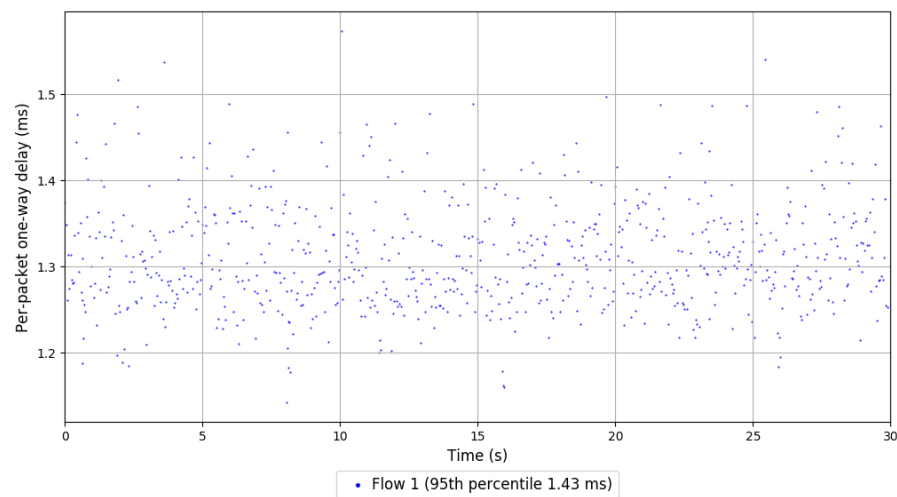
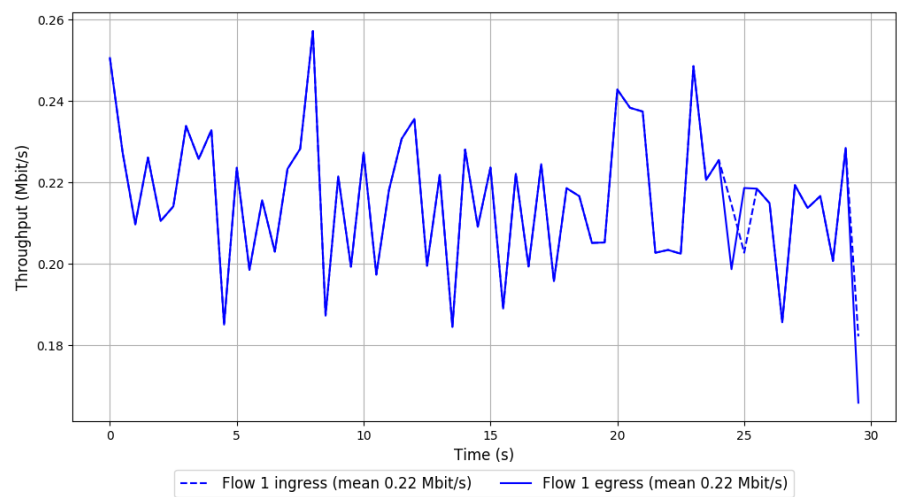


Run 4: Statistics of SCReAM

Start at: 2017-08-16 19:44:17
End at: 2017-08-16 19:44:47
Local clock offset: 0.886 ms
Remote clock offset: -1.563 ms

Below is generated by plot.py at 2017-08-17 03:17:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.428 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.428 ms
Loss rate: 0.13%

Run 4: Report of SReAM — Data Link

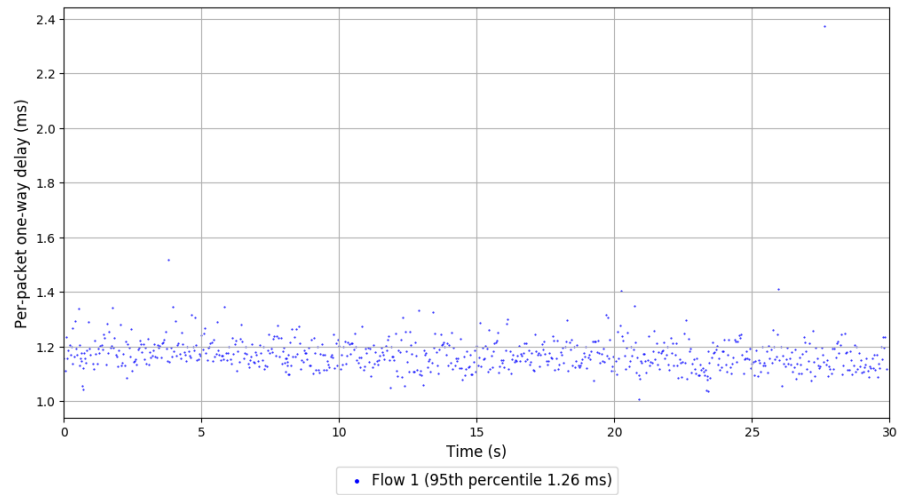
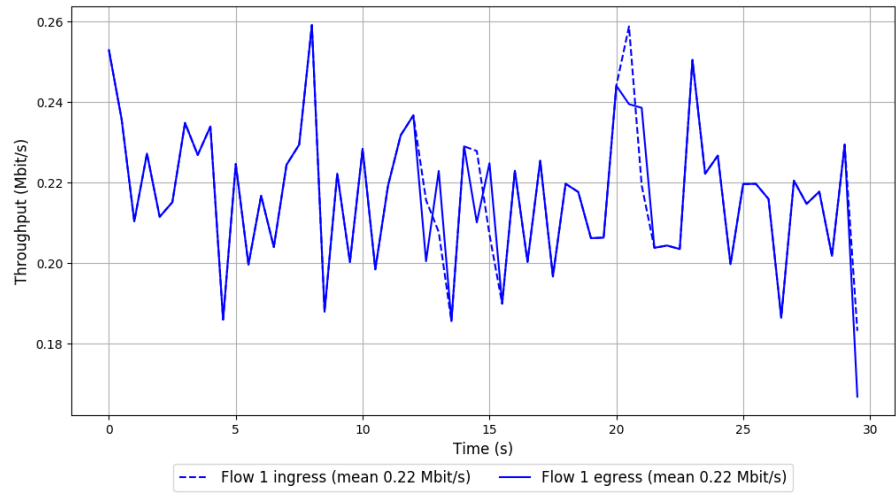


Run 5: Statistics of SCReAM

Start at: 2017-08-16 20:04:57
End at: 2017-08-16 20:05:27
Local clock offset: 1.12 ms
Remote clock offset: -1.513 ms

Below is generated by plot.py at 2017-08-17 03:17:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.260 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.260 ms
Loss rate: 0.13%

Run 5: Report of SReAM — Data Link

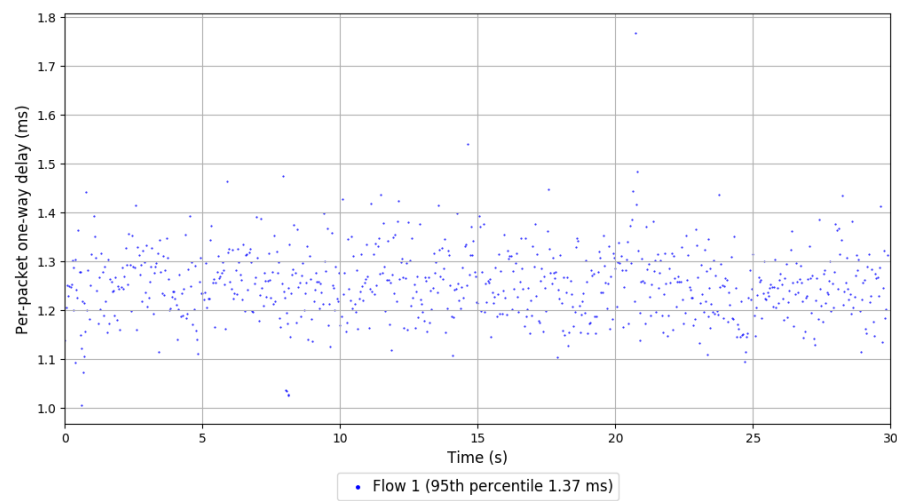
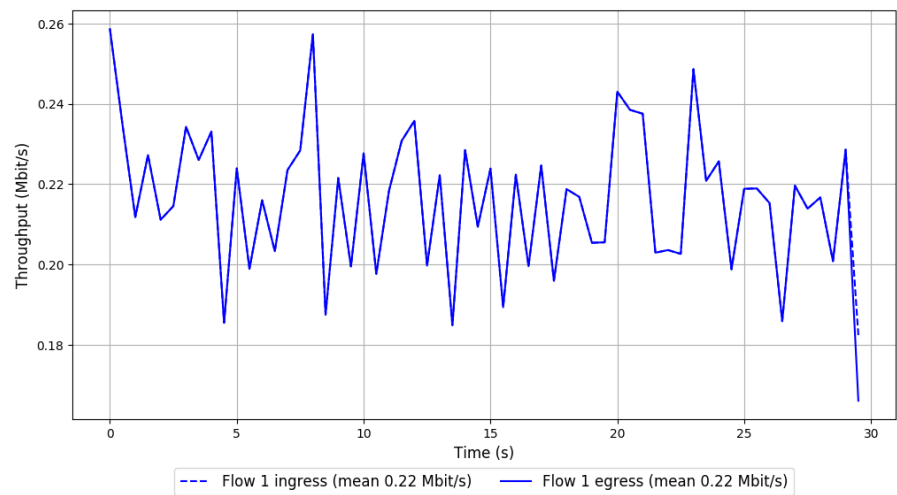


Run 6: Statistics of SCReAM

Start at: 2017-08-16 20:25:40
End at: 2017-08-16 20:26:10
Local clock offset: 1.404 ms
Remote clock offset: -1.441 ms

Below is generated by plot.py at 2017-08-17 03:17:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.372 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.372 ms
Loss rate: 0.13%

Run 6: Report of SReAM — Data Link

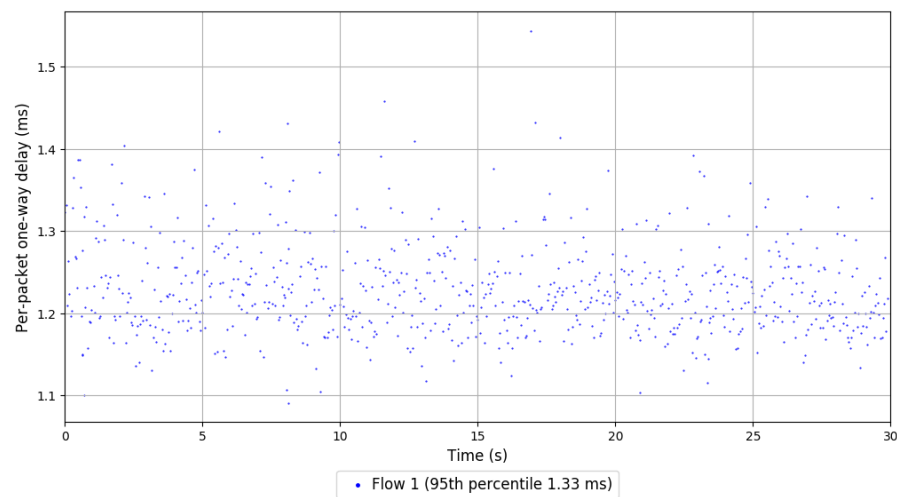
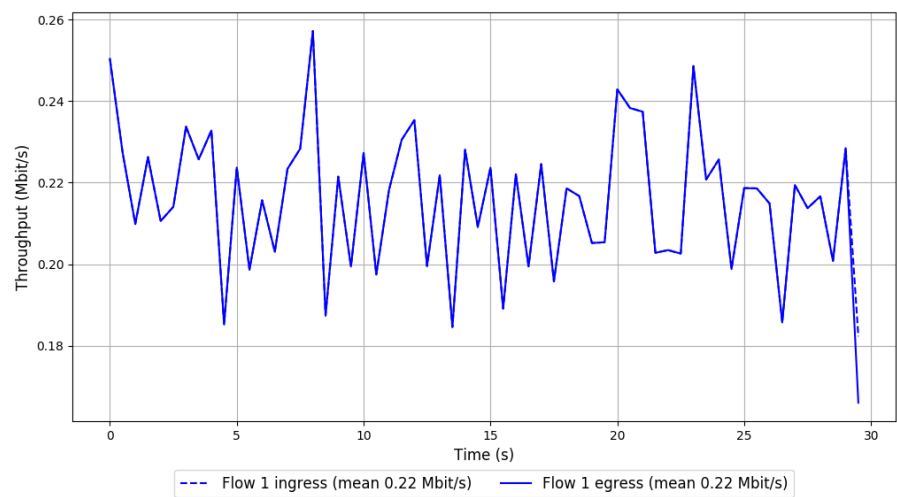


Run 7: Statistics of SCReAM

Start at: 2017-08-16 20:46:29
End at: 2017-08-16 20:46:59
Local clock offset: 1.708 ms
Remote clock offset: -1.259 ms

Below is generated by plot.py at 2017-08-17 03:17:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.334 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.334 ms
Loss rate: 0.13%

Run 7: Report of SReAM — Data Link

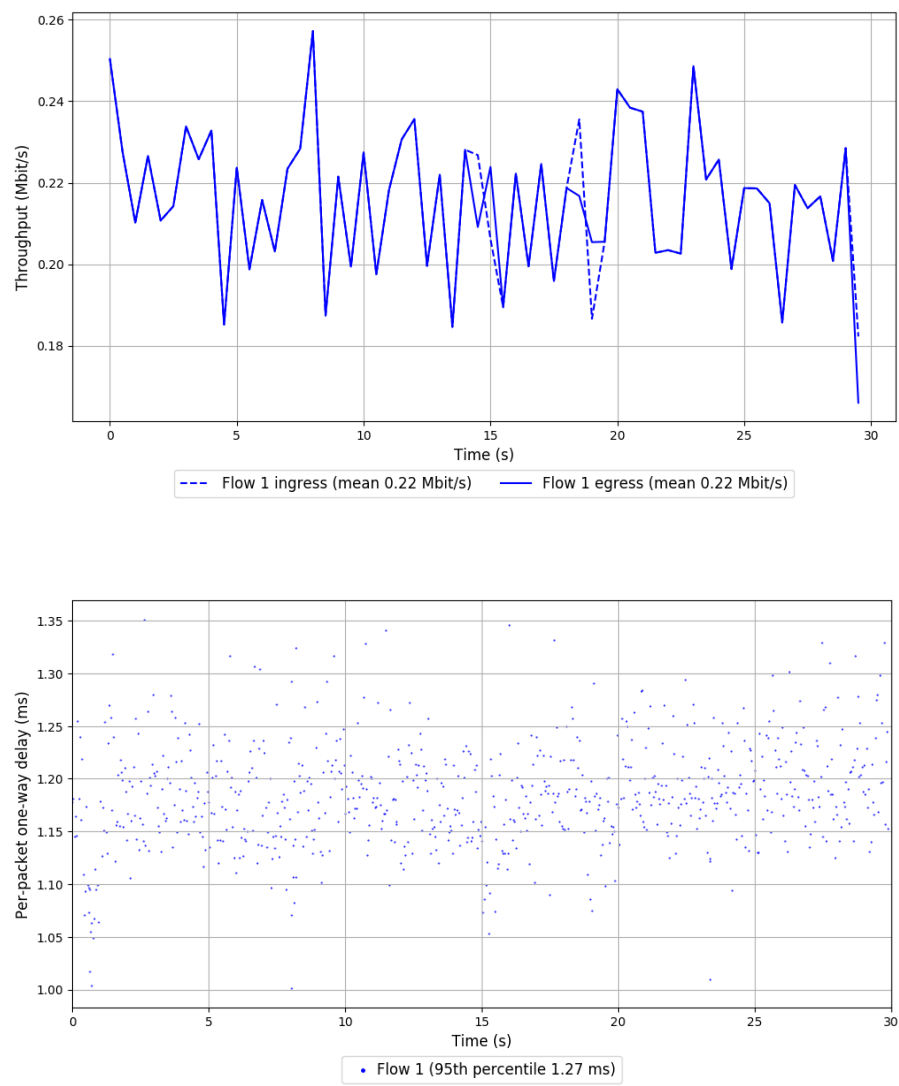


Run 8: Statistics of SCReAM

Start at: 2017-08-16 21:07:06
End at: 2017-08-16 21:07:36
Local clock offset: 1.374 ms
Remote clock offset: -1.175 ms

Below is generated by plot.py at 2017-08-17 03:17:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.270 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.270 ms
Loss rate: 0.13%

Run 8: Report of SReAM — Data Link

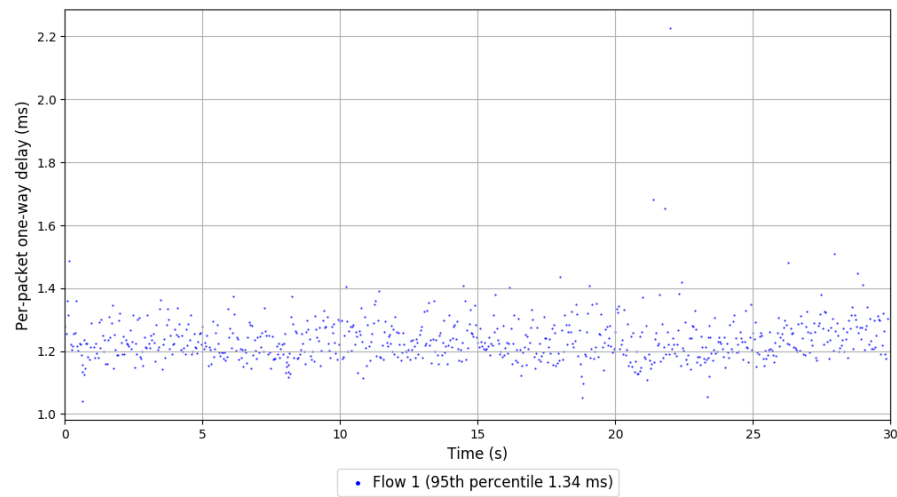
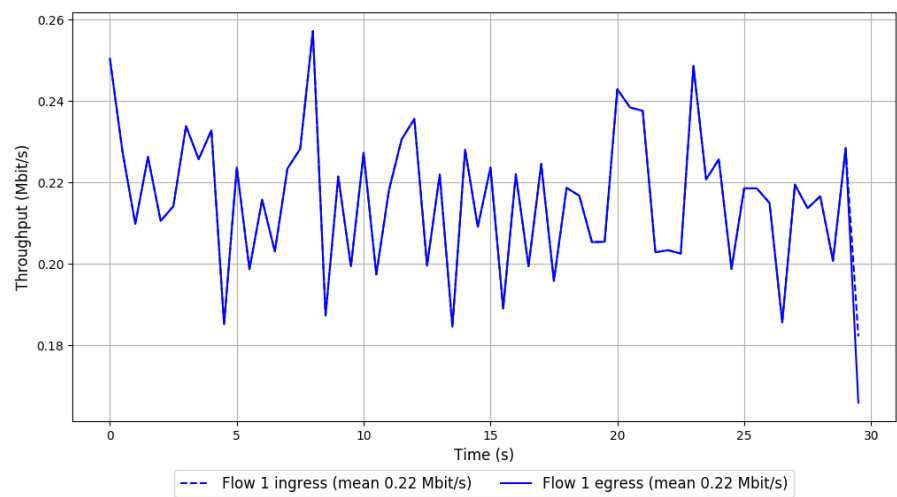


Run 9: Statistics of SCReAM

Start at: 2017-08-16 21:28:07
End at: 2017-08-16 21:28:37
Local clock offset: 1.038 ms
Remote clock offset: -1.079 ms

Below is generated by plot.py at 2017-08-17 03:17:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.339 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.339 ms
Loss rate: 0.13%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SReAM

Start at: 2017-08-16 21:48:38

End at: 2017-08-16 21:49:08

Local clock offset: 1.289 ms

Remote clock offset: -1.036 ms

Below is generated by plot.py at 2017-08-17 03:17:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.353 ms

Loss rate: 0.13%

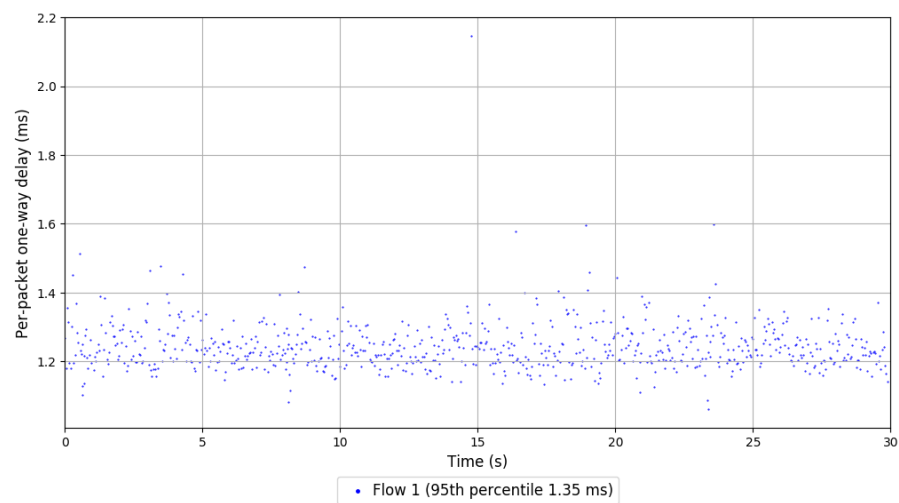
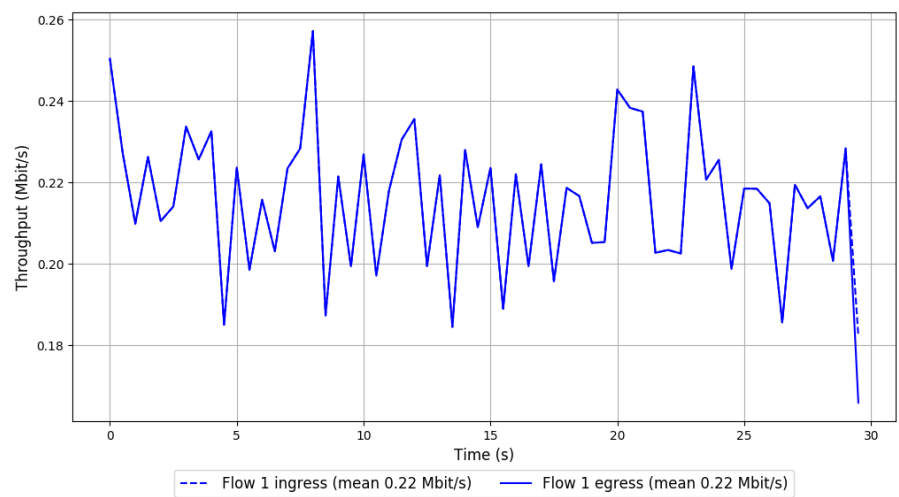
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.353 ms

Loss rate: 0.13%

Run 10: Report of SReAM — Data Link



Run 1: Statistics of Sprout

Start at: 2017-08-16 18:45:53

End at: 2017-08-16 18:46:23

Local clock offset: 0.236 ms

Remote clock offset: -2.195 ms

Below is generated by plot.py at 2017-08-17 03:17:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.89 Mbit/s

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

Loss rate: 0.14%

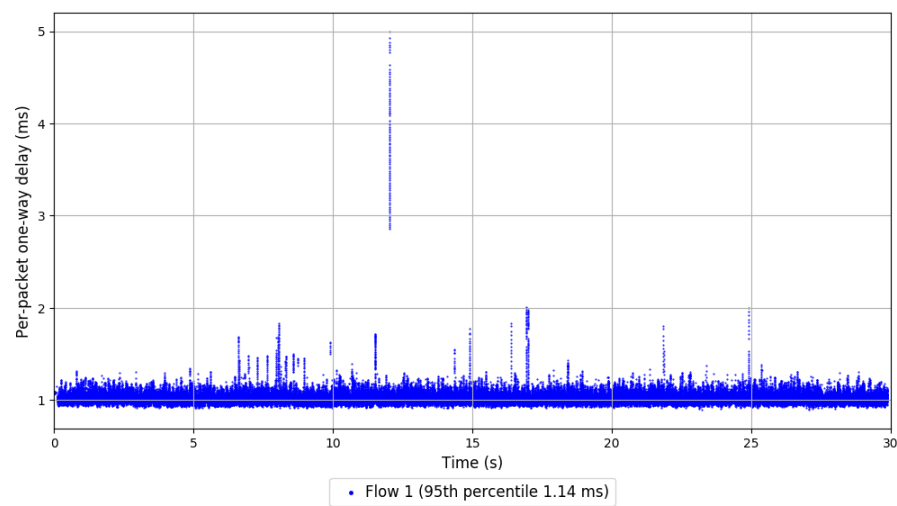
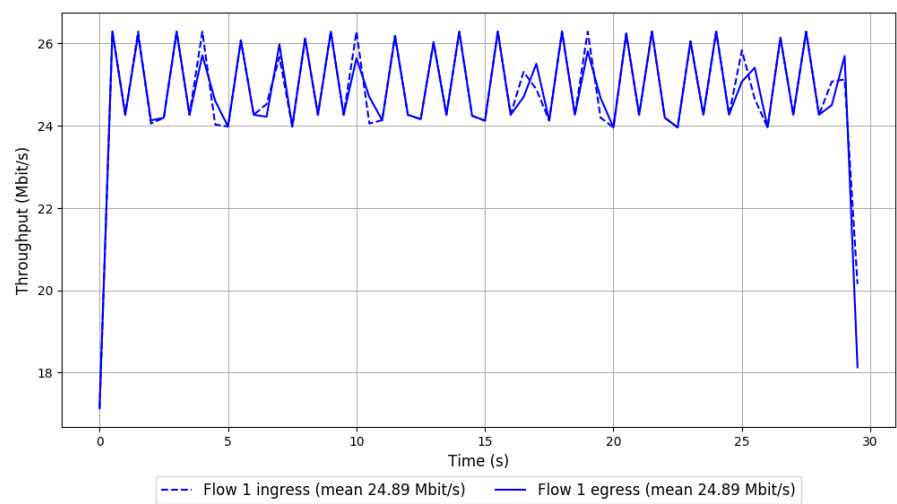
-- Flow 1:

Average throughput: 24.89 Mbit/s

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

Loss rate: 0.14%

Run 1: Report of Sprout — Data Link

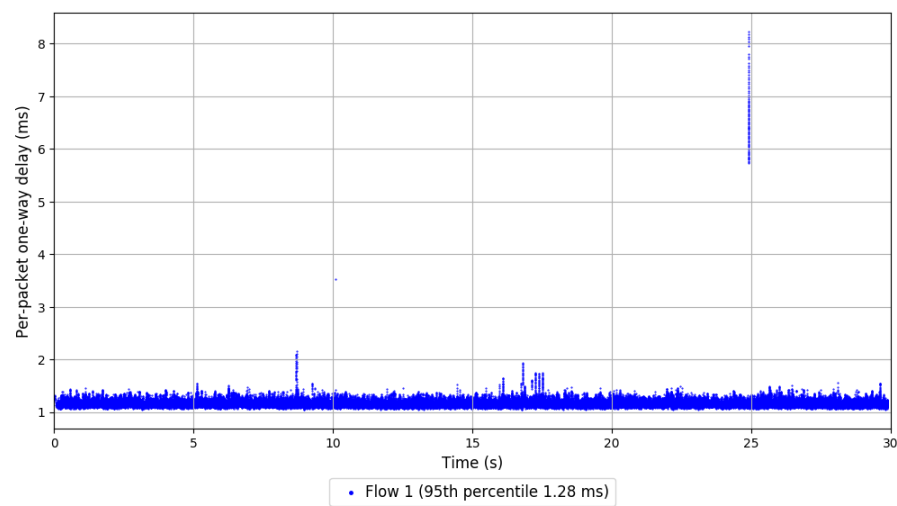
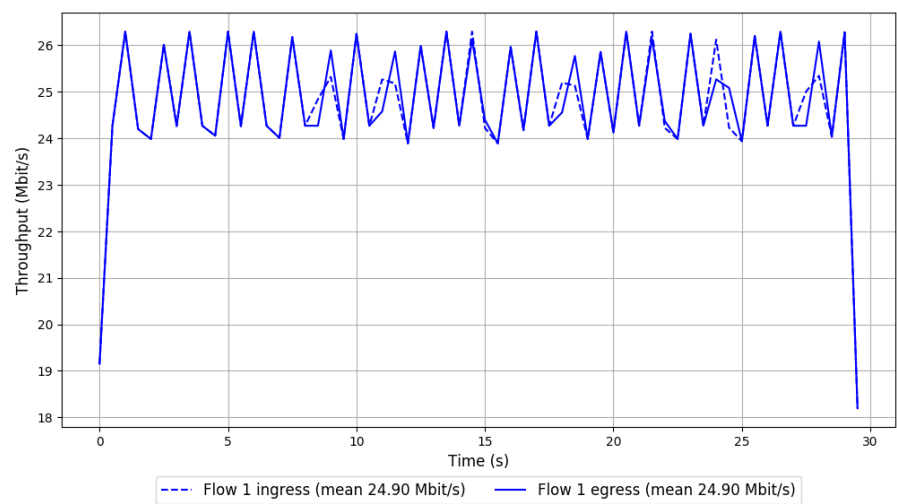


Run 2: Statistics of Sprout

Start at: 2017-08-16 19:06:44
End at: 2017-08-16 19:07:14
Local clock offset: 0.47 ms
Remote clock offset: -1.752 ms

Below is generated by plot.py at 2017-08-17 03:17:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.90 Mbit/s
95th percentile per-packet one-way delay: 1.282 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.90 Mbit/s
95th percentile per-packet one-way delay: 1.282 ms
Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

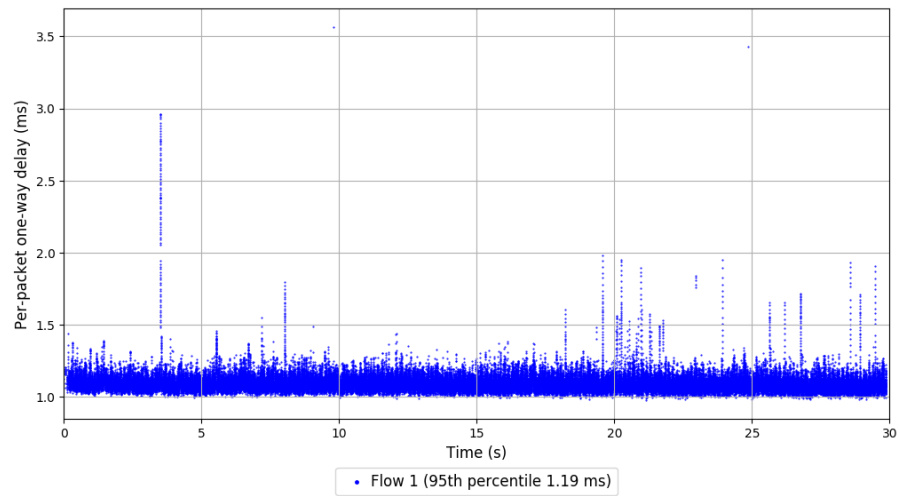
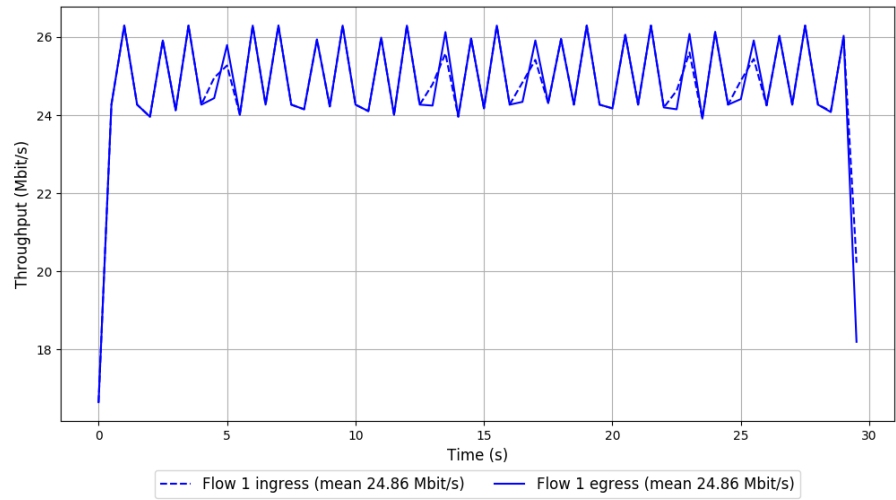


Run 3: Statistics of Sprout

Start at: 2017-08-16 19:27:40
End at: 2017-08-16 19:28:11
Local clock offset: 0.623 ms
Remote clock offset: -1.367 ms

Below is generated by plot.py at 2017-08-17 03:17:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.86 Mbit/s
95th percentile per-packet one-way delay: 1.193 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 24.86 Mbit/s
95th percentile per-packet one-way delay: 1.193 ms
Loss rate: 0.14%

Run 3: Report of Sprout — Data Link

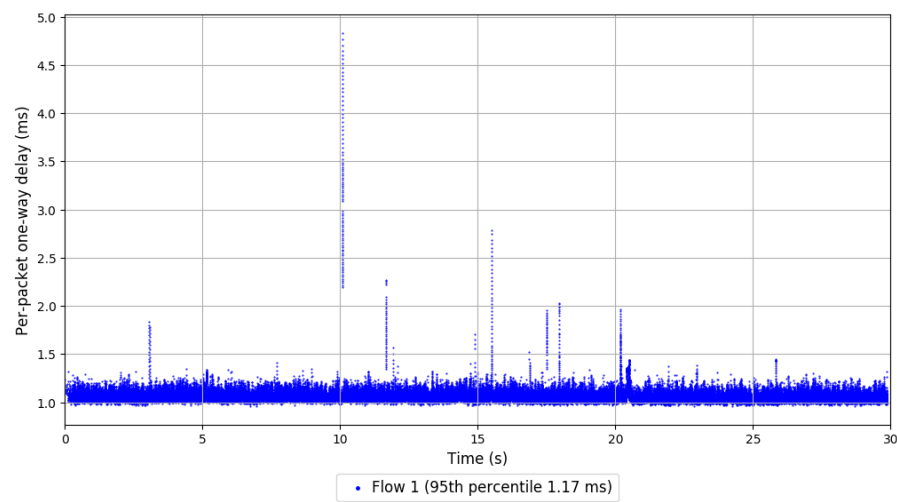
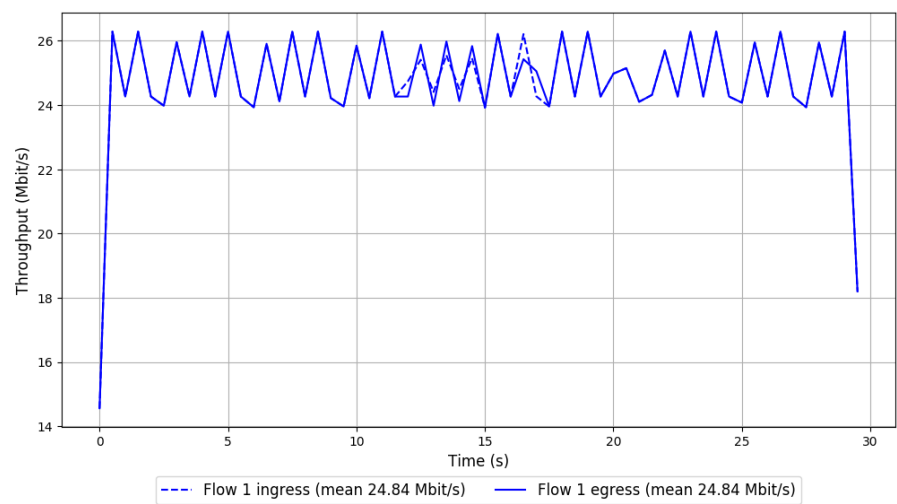


Run 4: Statistics of Sprout

Start at: 2017-08-16 19:48:20
End at: 2017-08-16 19:48:50
Local clock offset: 0.867 ms
Remote clock offset: -1.575 ms

Below is generated by plot.py at 2017-08-17 03:17:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.84 Mbit/s
95th percentile per-packet one-way delay: 1.166 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.84 Mbit/s
95th percentile per-packet one-way delay: 1.166 ms
Loss rate: 0.00%

Run 4: Report of Sprout — Data Link

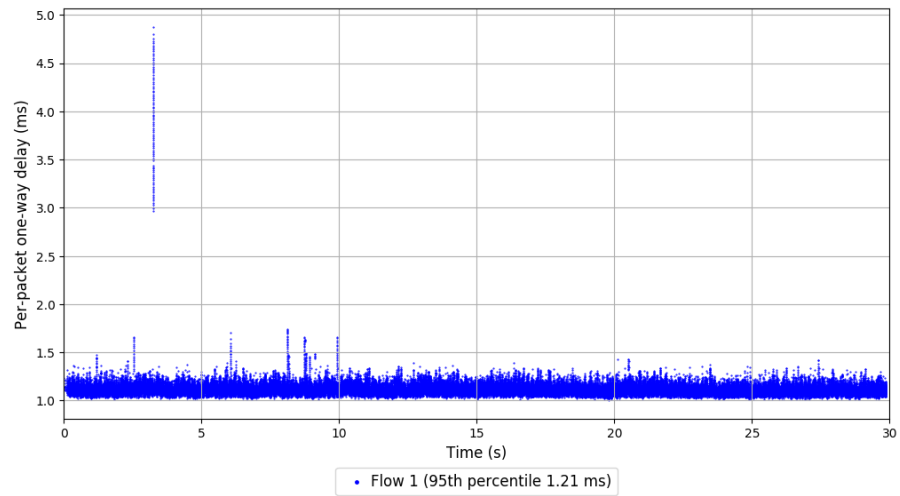
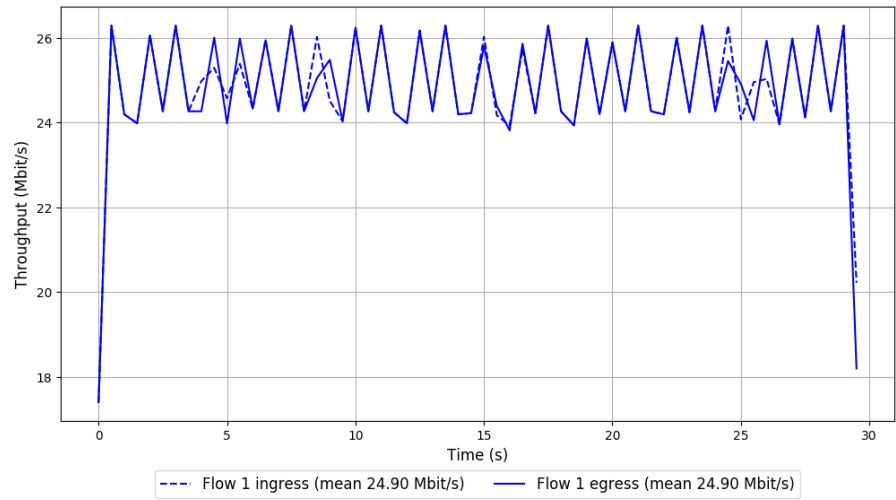


Run 5: Statistics of Sprout

Start at: 2017-08-16 20:08:52
End at: 2017-08-16 20:09:22
Local clock offset: 1.275 ms
Remote clock offset: -1.527 ms

Below is generated by plot.py at 2017-08-17 03:17:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.90 Mbit/s
95th percentile per-packet one-way delay: 1.214 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 24.90 Mbit/s
95th percentile per-packet one-way delay: 1.214 ms
Loss rate: 0.14%

Run 5: Report of Sprout — Data Link

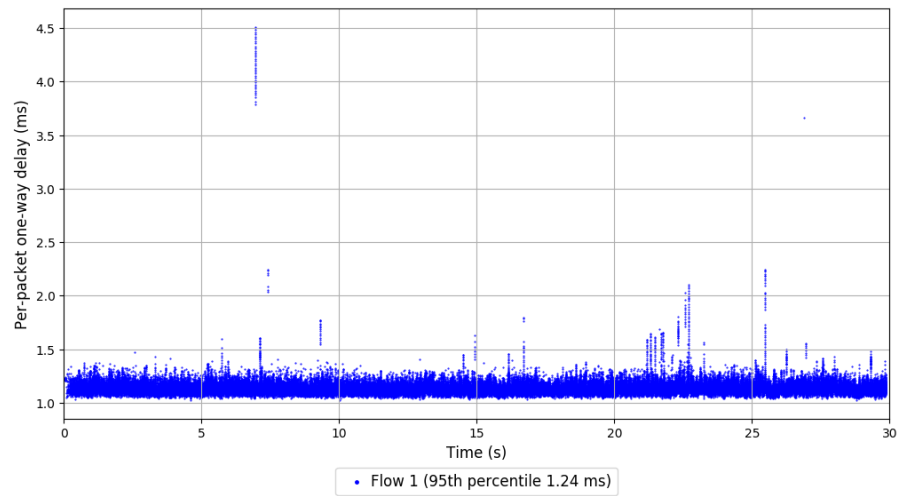
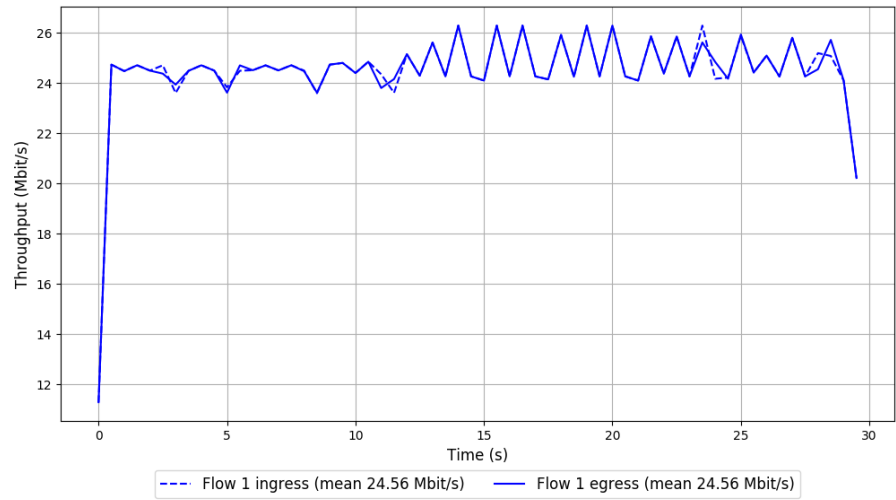


Run 6: Statistics of Sprout

Start at: 2017-08-16 20:29:39
End at: 2017-08-16 20:30:09
Local clock offset: 1.532 ms
Remote clock offset: -1.399 ms

Below is generated by plot.py at 2017-08-17 03:17:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.56 Mbit/s
95th percentile per-packet one-way delay: 1.237 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.56 Mbit/s
95th percentile per-packet one-way delay: 1.237 ms
Loss rate: 0.00%

Run 6: Report of Sprout — Data Link

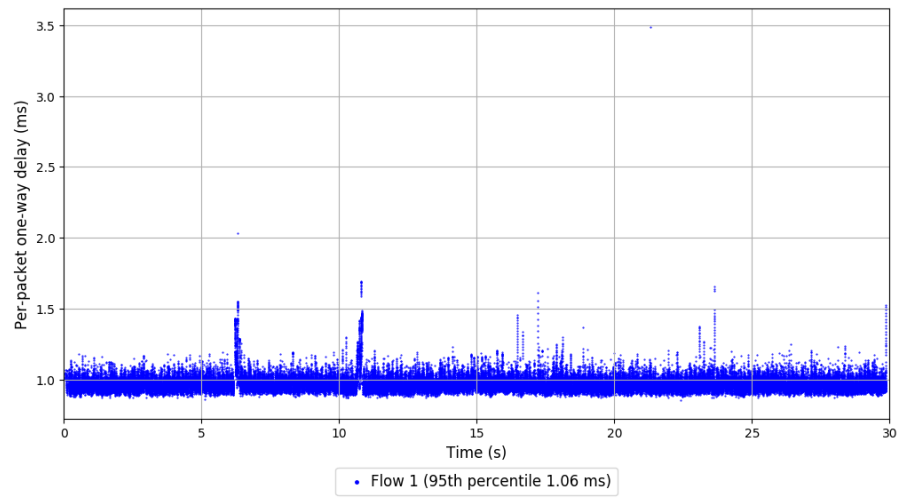
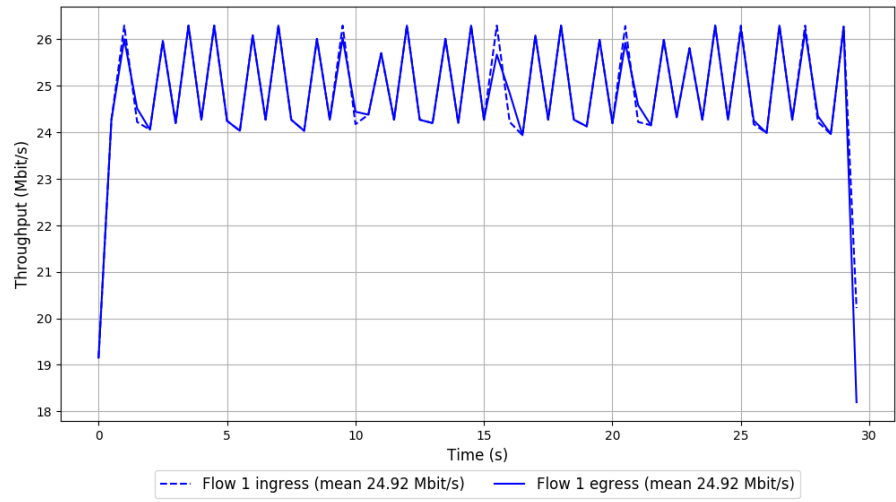


Run 7: Statistics of Sprout

Start at: 2017-08-16 20:50:26
End at: 2017-08-16 20:50:57
Local clock offset: 1.569 ms
Remote clock offset: -1.225 ms

Below is generated by plot.py at 2017-08-17 03:17:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.92 Mbit/s
95th percentile per-packet one-way delay: 1.065 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 24.92 Mbit/s
95th percentile per-packet one-way delay: 1.065 ms
Loss rate: 0.14%

Run 7: Report of Sprout — Data Link

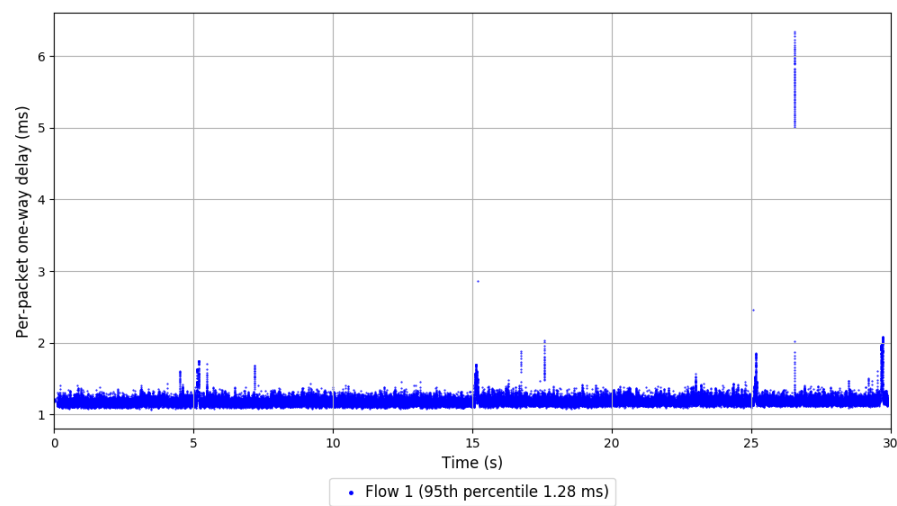
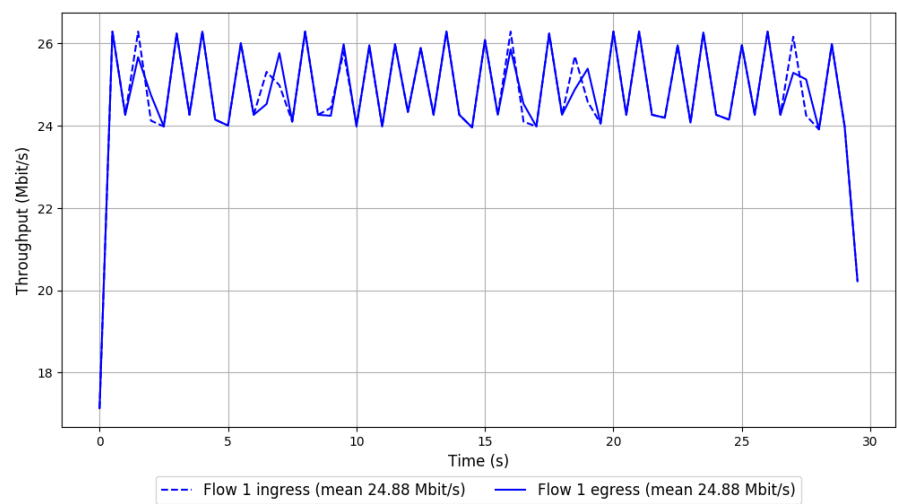


Run 8: Statistics of Sprout

Start at: 2017-08-16 21:11:08
End at: 2017-08-16 21:11:38
Local clock offset: 1.299 ms
Remote clock offset: -1.262 ms

Below is generated by plot.py at 2017-08-17 03:17:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.88 Mbit/s
95th percentile per-packet one-way delay: 1.283 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.88 Mbit/s
95th percentile per-packet one-way delay: 1.283 ms
Loss rate: 0.00%

Run 8: Report of Sprout — Data Link

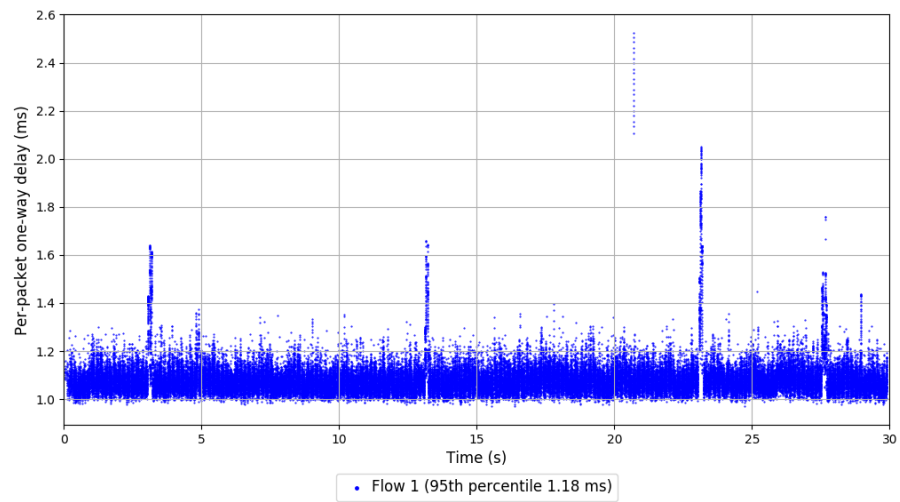
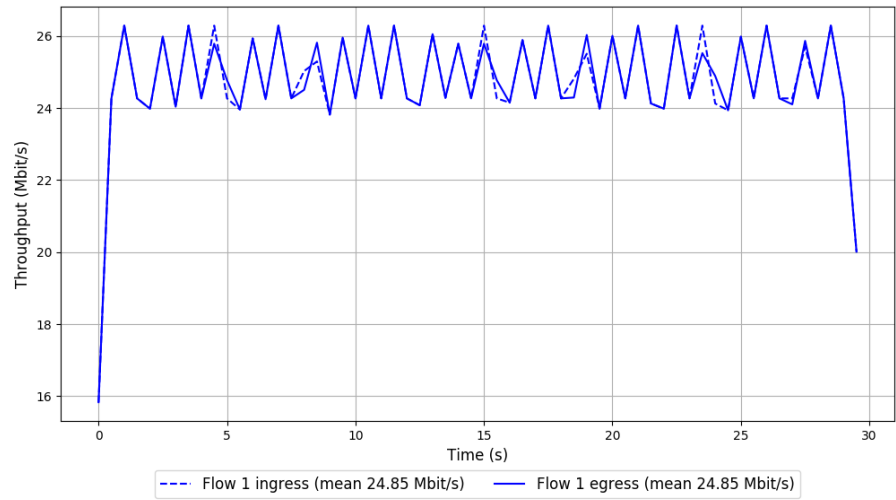


Run 9: Statistics of Sprout

Start at: 2017-08-16 21:32:10
End at: 2017-08-16 21:32:40
Local clock offset: 1.116 ms
Remote clock offset: -0.998 ms

Below is generated by plot.py at 2017-08-17 03:17:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.85 Mbit/s
95th percentile per-packet one-way delay: 1.181 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.85 Mbit/s
95th percentile per-packet one-way delay: 1.181 ms
Loss rate: 0.00%

Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: 2017-08-16 21:52:40

End at: 2017-08-16 21:53:10

Local clock offset: 1.295 ms

Remote clock offset: -1.011 ms

Below is generated by plot.py at 2017-08-17 03:17:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.86 Mbit/s

95th percentile per-packet one-way delay: 1.262 ms

Loss rate: 0.13%

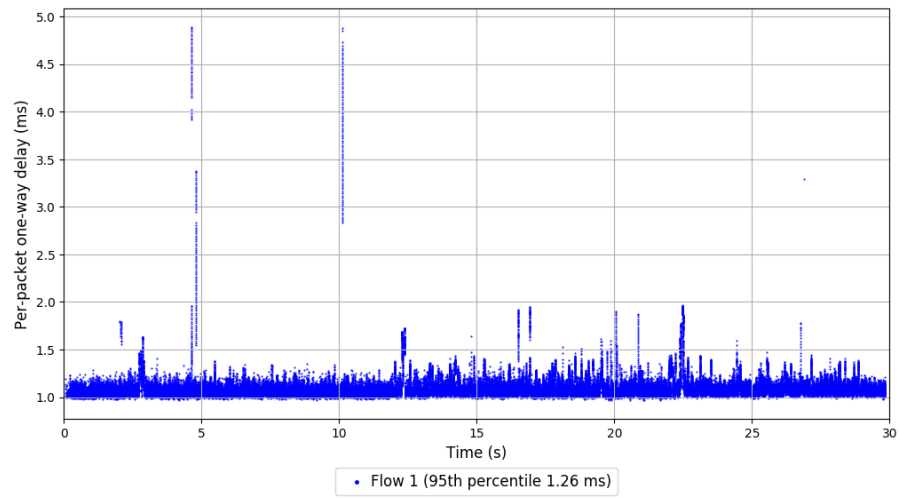
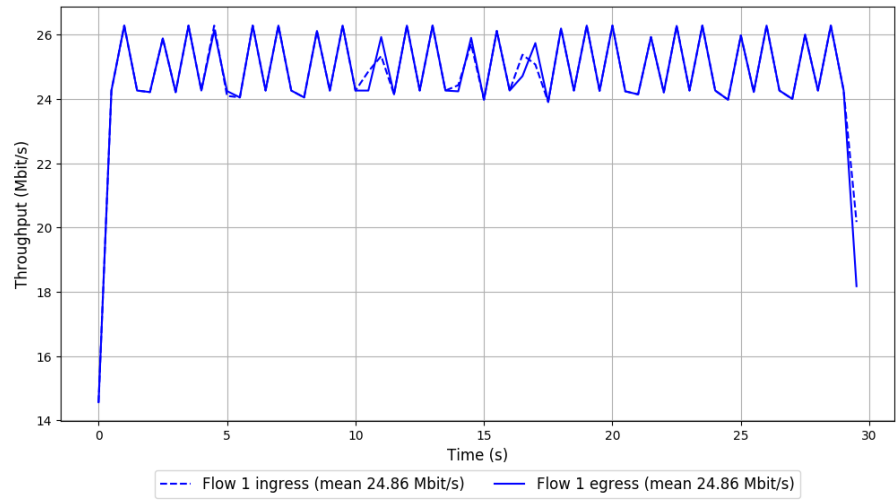
-- Flow 1:

Average throughput: 24.86 Mbit/s

95th percentile per-packet one-way delay: 1.262 ms

Loss rate: 0.13%

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: 2017-08-16 18:35:57

End at: 2017-08-16 18:36:27

Local clock offset: 0.256 ms

Remote clock offset: -2.248 ms

Below is generated by plot.py at 2017-08-17 03:18:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 228.29 Mbit/s

95th percentile per-packet one-way delay: 1.638 ms

Loss rate: 0.10%

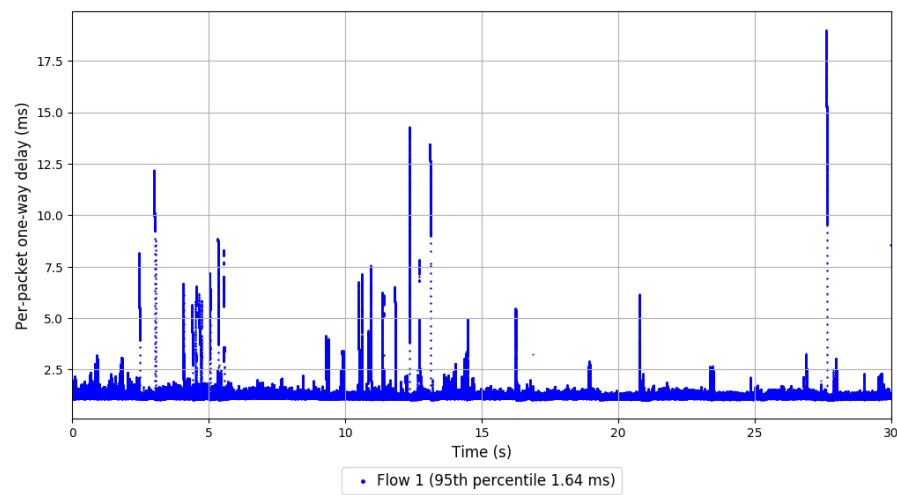
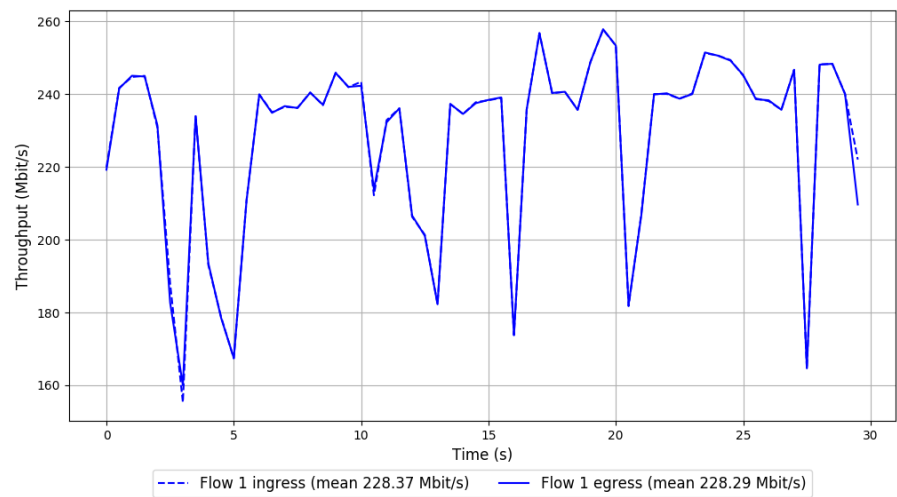
-- Flow 1:

Average throughput: 228.29 Mbit/s

95th percentile per-packet one-way delay: 1.638 ms

Loss rate: 0.10%

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



Run 2: Statistics of TaoVA-100x

Start at: 2017-08-16 18:56:50

End at: 2017-08-16 18:57:20

Local clock offset: 0.385 ms

Remote clock offset: -1.944 ms

Below is generated by plot.py at 2017-08-17 03:18:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 220.32 Mbit/s

95th percentile per-packet one-way delay: 1.568 ms

Loss rate: 0.04%

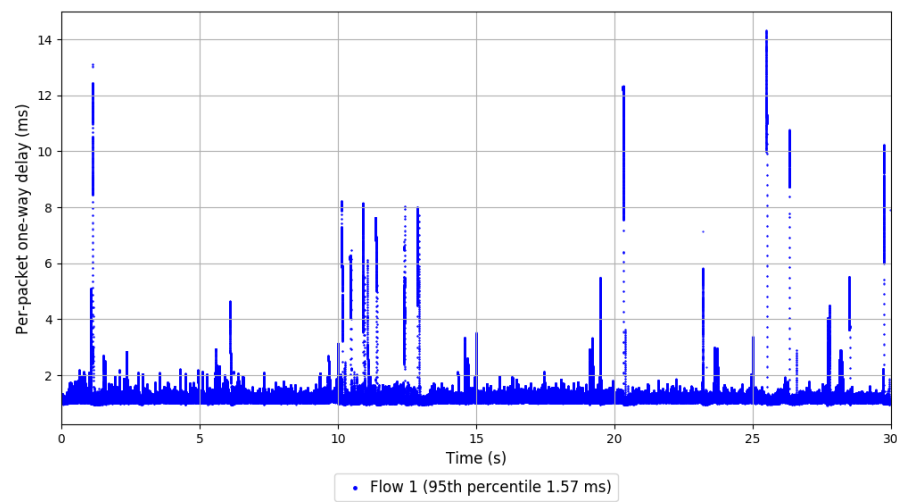
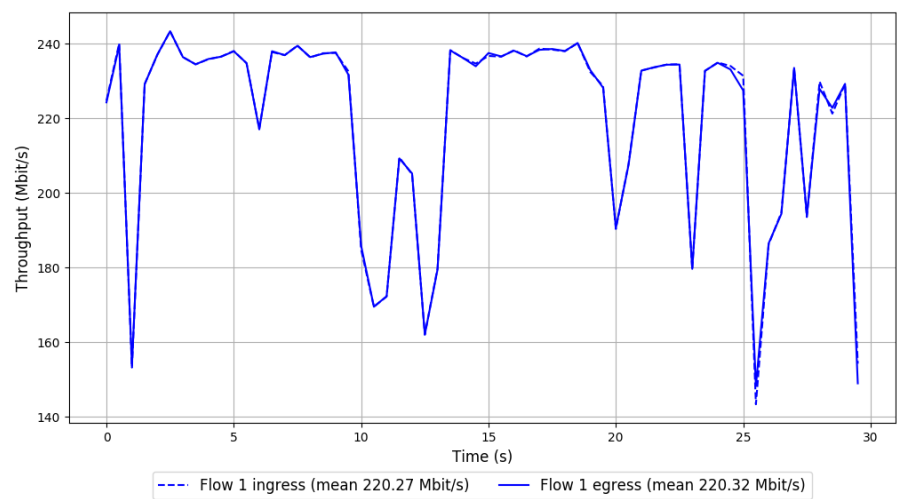
-- Flow 1:

Average throughput: 220.32 Mbit/s

95th percentile per-packet one-way delay: 1.568 ms

Loss rate: 0.04%

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

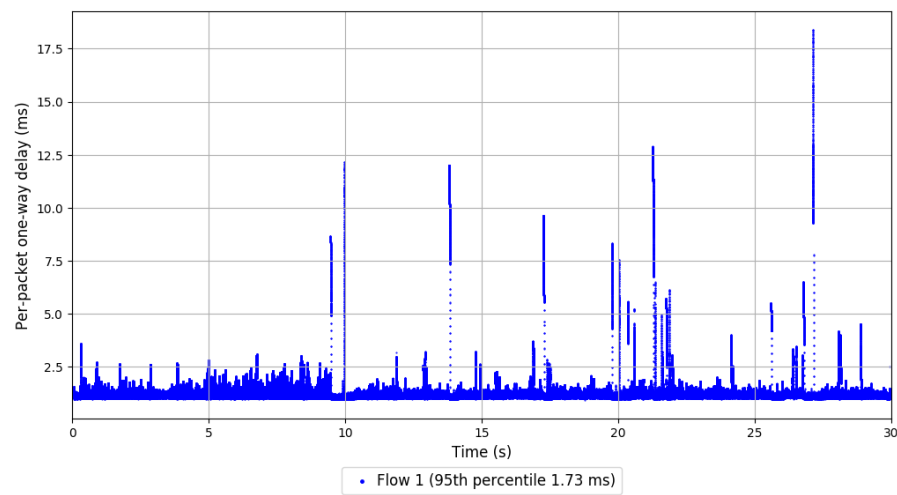
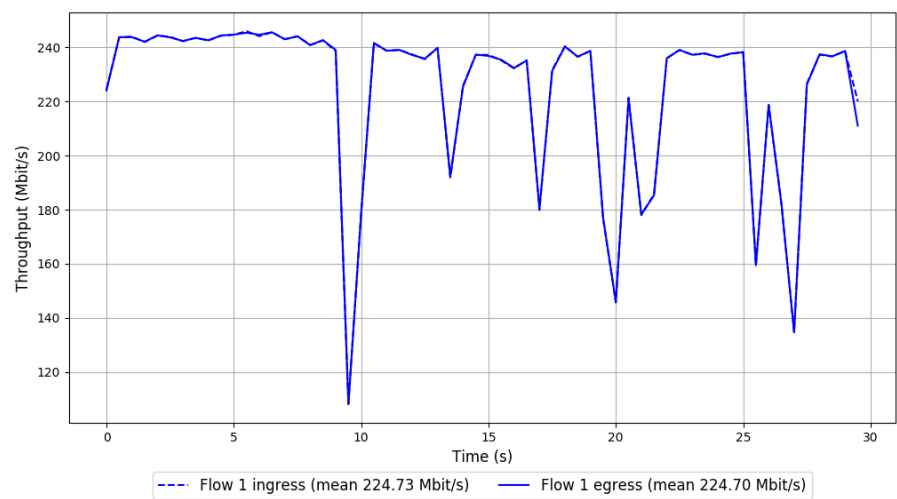


Run 3: Statistics of TaoVA-100x

Start at: 2017-08-16 19:17:41
End at: 2017-08-16 19:18:11
Local clock offset: 0.448 ms
Remote clock offset: -1.553 ms

Below is generated by plot.py at 2017-08-17 03:19:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 224.70 Mbit/s
95th percentile per-packet one-way delay: 1.730 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 224.70 Mbit/s
95th percentile per-packet one-way delay: 1.730 ms
Loss rate: 0.07%

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



Run 4: Statistics of TaoVA-100x

Start at: 2017-08-16 19:38:25

End at: 2017-08-16 19:38:55

Local clock offset: 0.807 ms

Remote clock offset: -1.539 ms

Below is generated by plot.py at 2017-08-17 03:19:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 225.61 Mbit/s

95th percentile per-packet one-way delay: 1.584 ms

Loss rate: 0.09%

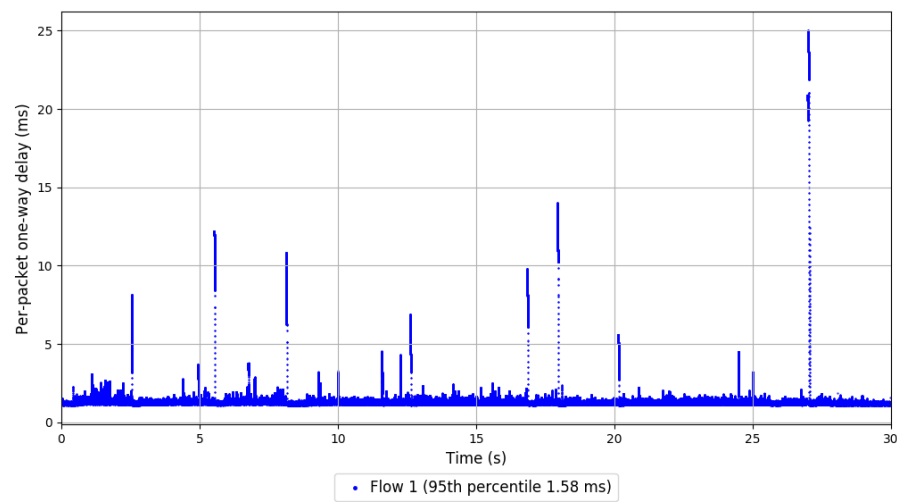
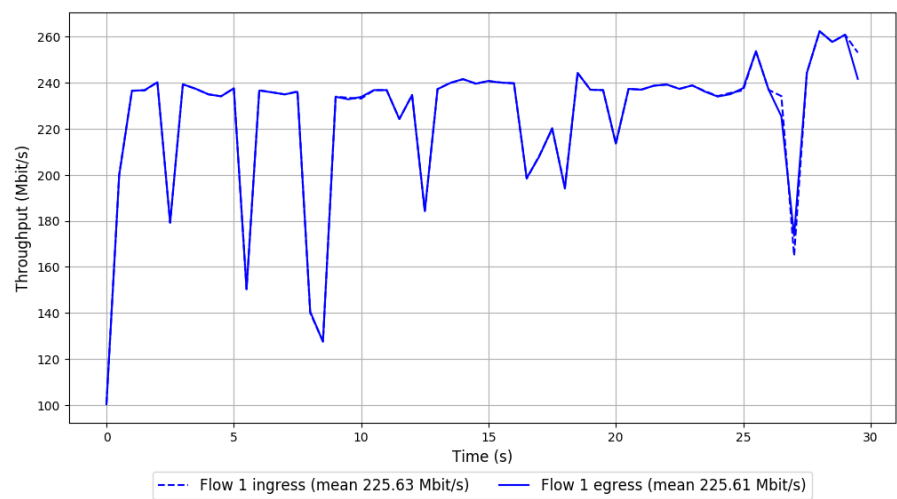
-- Flow 1:

Average throughput: 225.61 Mbit/s

95th percentile per-packet one-way delay: 1.584 ms

Loss rate: 0.09%

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



Run 5: Statistics of TaoVA-100x

Start at: 2017-08-16 19:59:07

End at: 2017-08-16 19:59:37

Local clock offset: 1.118 ms

Remote clock offset: -1.597 ms

Below is generated by plot.py at 2017-08-17 03:20:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 231.68 Mbit/s

95th percentile per-packet one-way delay: 1.832 ms

Loss rate: 0.07%

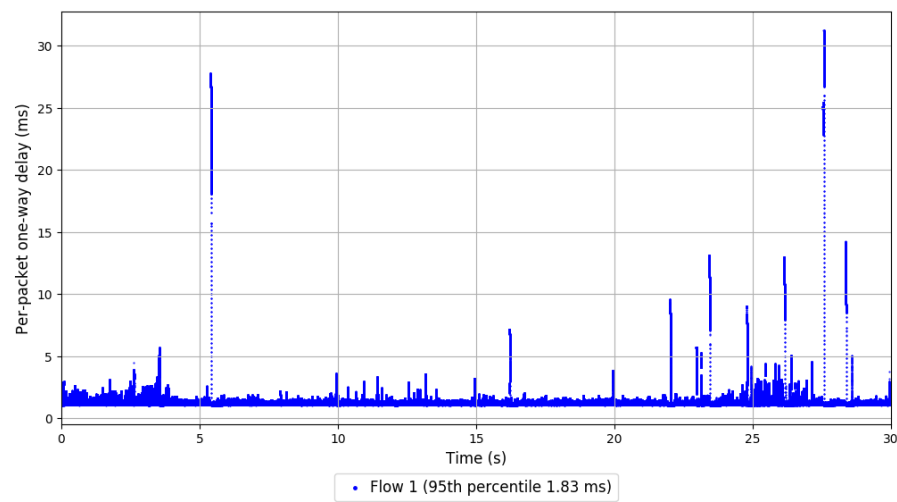
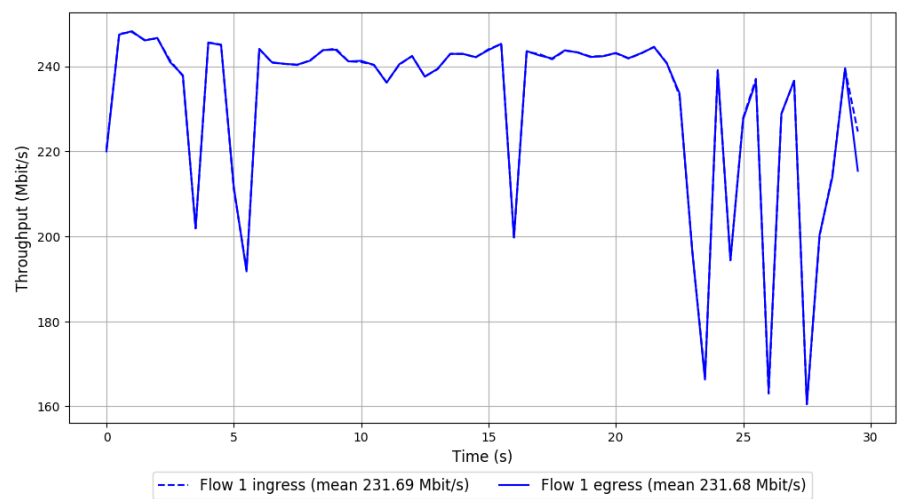
-- Flow 1:

Average throughput: 231.68 Mbit/s

95th percentile per-packet one-way delay: 1.832 ms

Loss rate: 0.07%

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



Run 6: Statistics of TaoVA-100x

Start at: 2017-08-16 20:19:46

End at: 2017-08-16 20:20:16

Local clock offset: 1.444 ms

Remote clock offset: -1.427 ms

Below is generated by plot.py at 2017-08-17 03:20:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 240.68 Mbit/s

95th percentile per-packet one-way delay: 1.432 ms

Loss rate: 0.08%

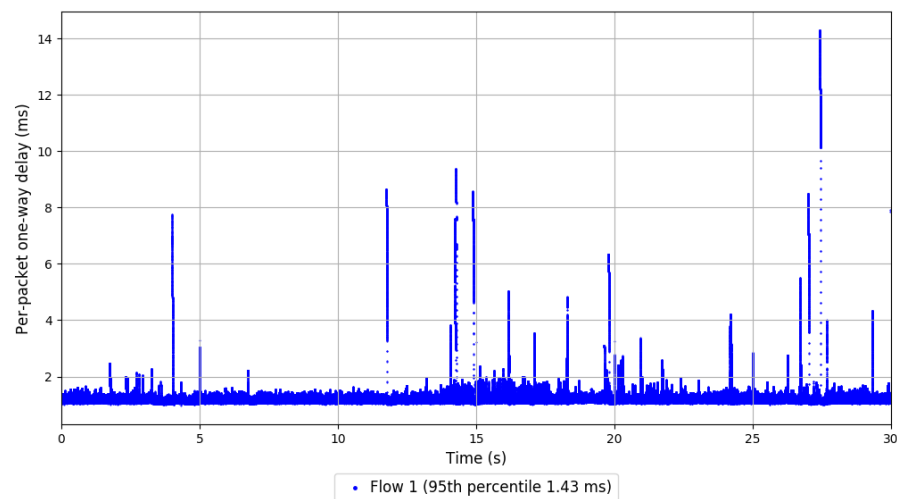
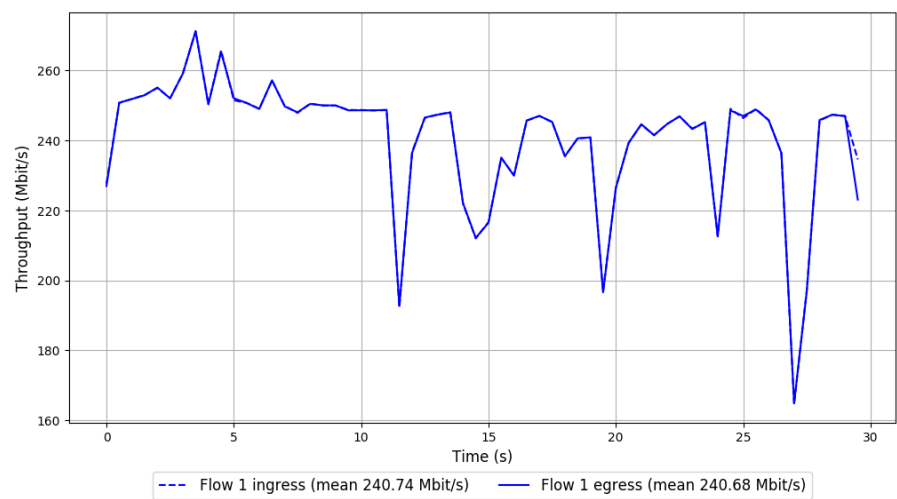
-- Flow 1:

Average throughput: 240.68 Mbit/s

95th percentile per-packet one-way delay: 1.432 ms

Loss rate: 0.08%

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



Run 7: Statistics of TaoVA-100x

Start at: 2017-08-16 20:40:33

End at: 2017-08-16 20:41:03

Local clock offset: 1.545 ms

Remote clock offset: -1.404 ms

Below is generated by plot.py at 2017-08-17 03:21:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 238.57 Mbit/s

95th percentile per-packet one-way delay: 1.609 ms

Loss rate: 0.07%

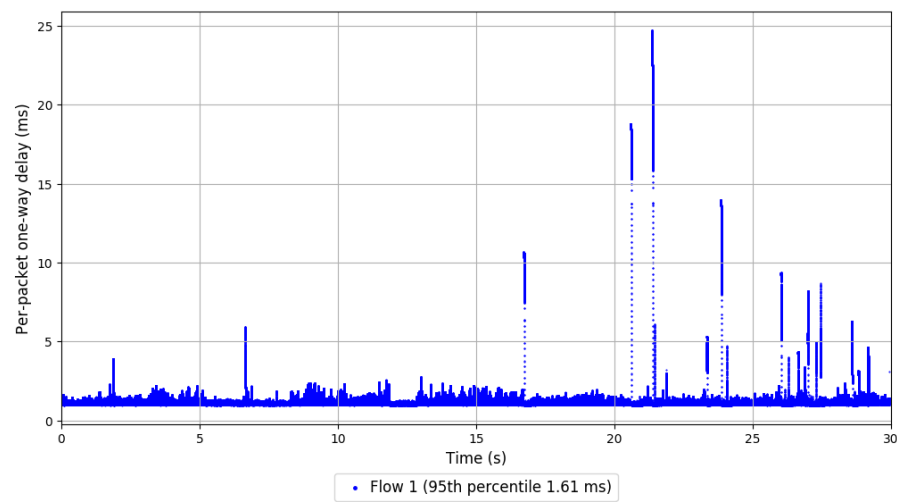
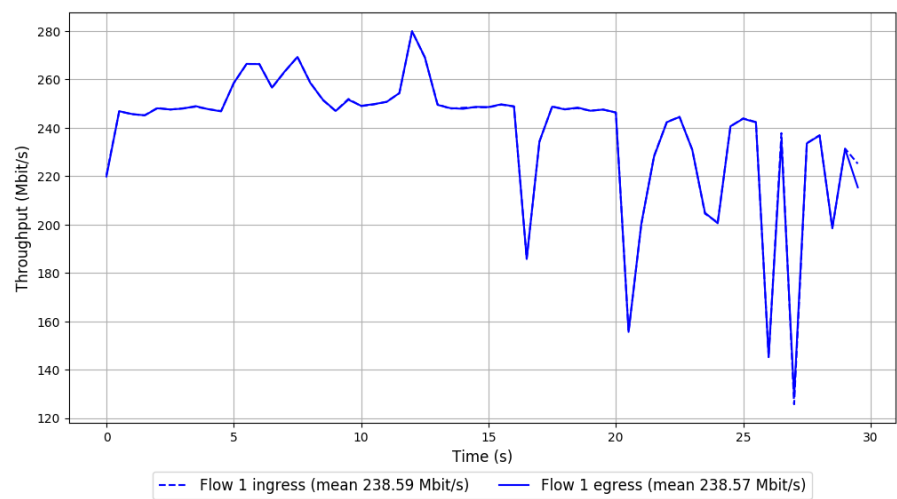
-- Flow 1:

Average throughput: 238.57 Mbit/s

95th percentile per-packet one-way delay: 1.609 ms

Loss rate: 0.07%

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



Run 8: Statistics of TaoVA-100x

Start at: 2017-08-16 21:01:16

End at: 2017-08-16 21:01:46

Local clock offset: 1.423 ms

Remote clock offset: -1.291 ms

Below is generated by plot.py at 2017-08-17 03:21:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 229.16 Mbit/s

95th percentile per-packet one-way delay: 1.894 ms

Loss rate: 0.07%

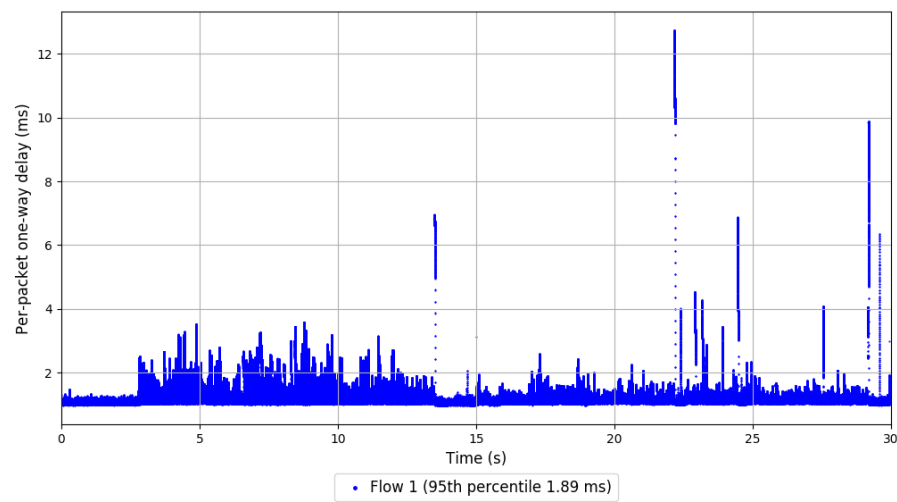
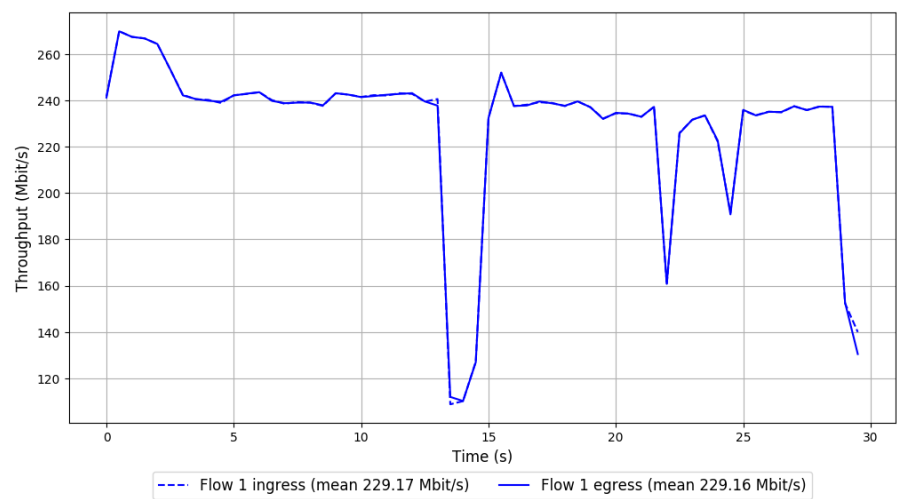
-- Flow 1:

Average throughput: 229.16 Mbit/s

95th percentile per-packet one-way delay: 1.894 ms

Loss rate: 0.07%

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



Run 9: Statistics of TaoVA-100x

Start at: 2017-08-16 21:22:15

End at: 2017-08-16 21:22:45

Local clock offset: 1.106 ms

Remote clock offset: -1.172 ms

Below is generated by plot.py at 2017-08-17 03:22:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 238.30 Mbit/s

95th percentile per-packet one-way delay: 1.766 ms

Loss rate: 0.09%

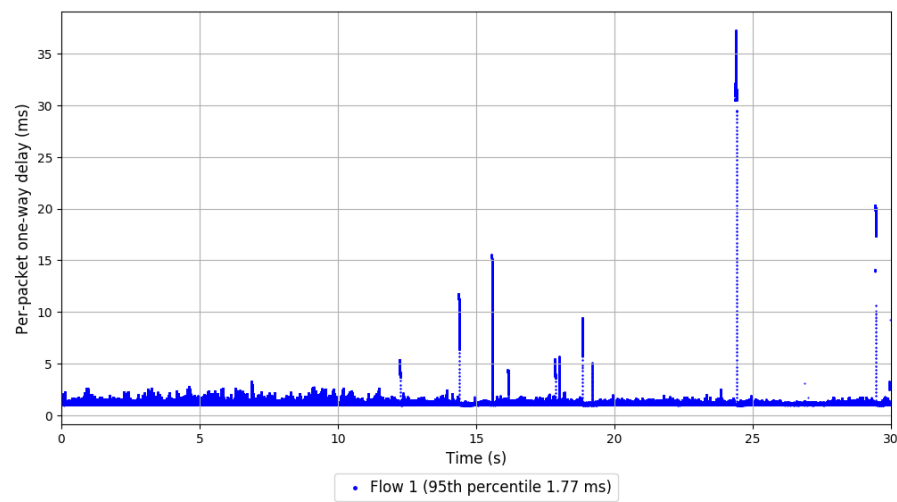
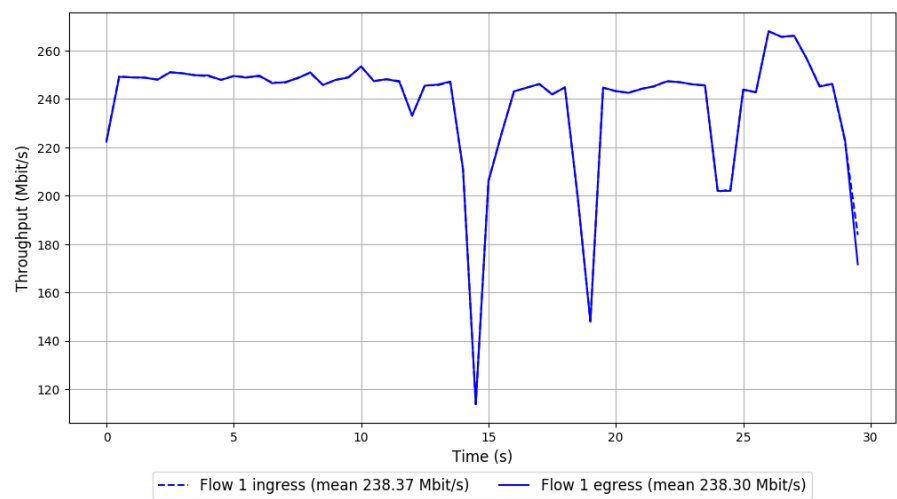
-- Flow 1:

Average throughput: 238.30 Mbit/s

95th percentile per-packet one-way delay: 1.766 ms

Loss rate: 0.09%

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



Run 10: Statistics of TaoVA-100x

Start at: 2017-08-16 21:42:56

End at: 2017-08-16 21:43:26

Local clock offset: 1.12 ms

Remote clock offset: -1.002 ms

Below is generated by plot.py at 2017-08-17 03:22:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 229.60 Mbit/s

95th percentile per-packet one-way delay: 1.281 ms

Loss rate: 0.06%

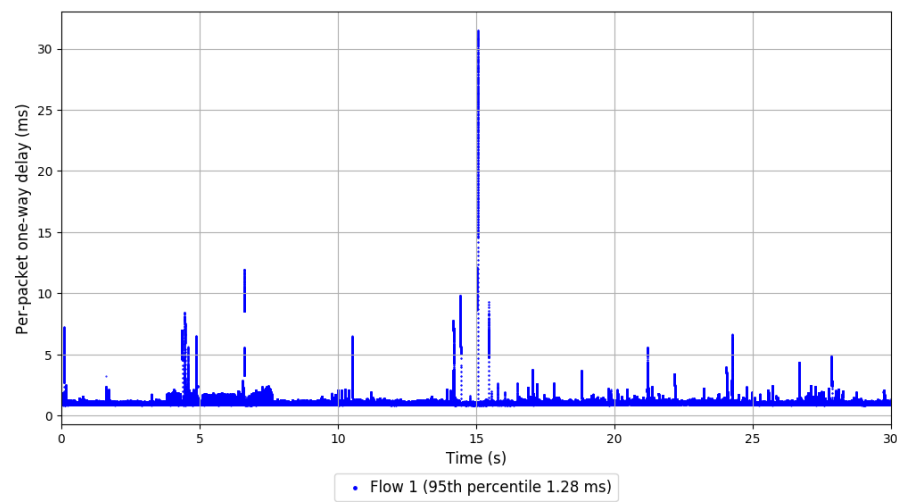
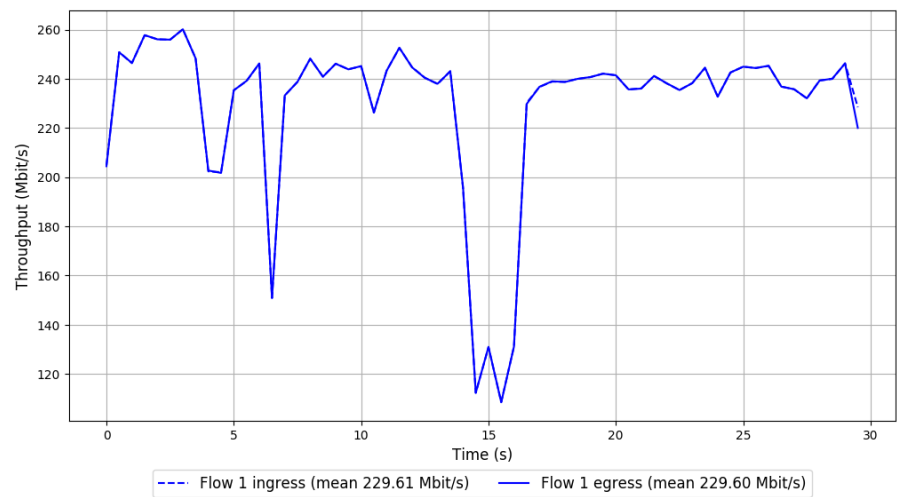
-- Flow 1:

Average throughput: 229.60 Mbit/s

95th percentile per-packet one-way delay: 1.281 ms

Loss rate: 0.06%

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



Run 1: Statistics of TCP Vegas

Start at: 2017-08-16 18:37:27

End at: 2017-08-16 18:37:57

Local clock offset: 0.198 ms

Remote clock offset: -2.248 ms

Below is generated by plot.py at 2017-08-17 03:22:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 251.63 Mbit/s

95th percentile per-packet one-way delay: 5.928 ms

Loss rate: 0.06%

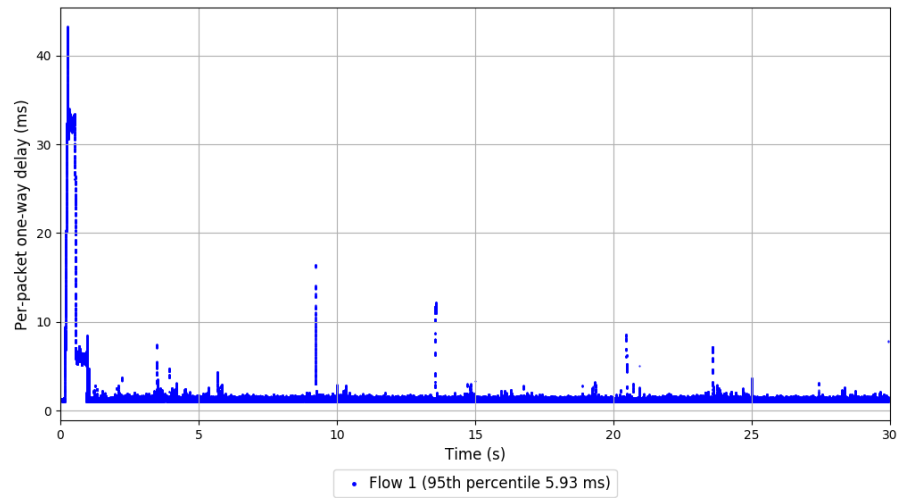
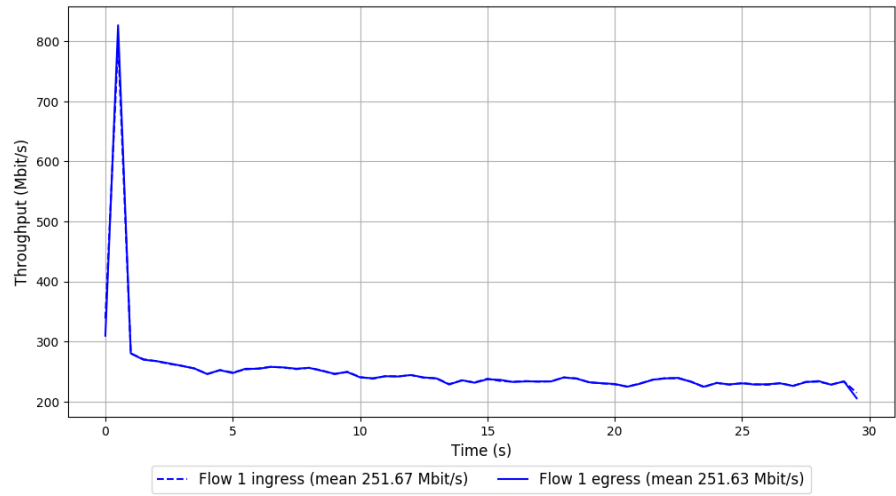
-- Flow 1:

Average throughput: 251.63 Mbit/s

95th percentile per-packet one-way delay: 5.928 ms

Loss rate: 0.06%

Run 1: Report of TCP Vegas — Data Link

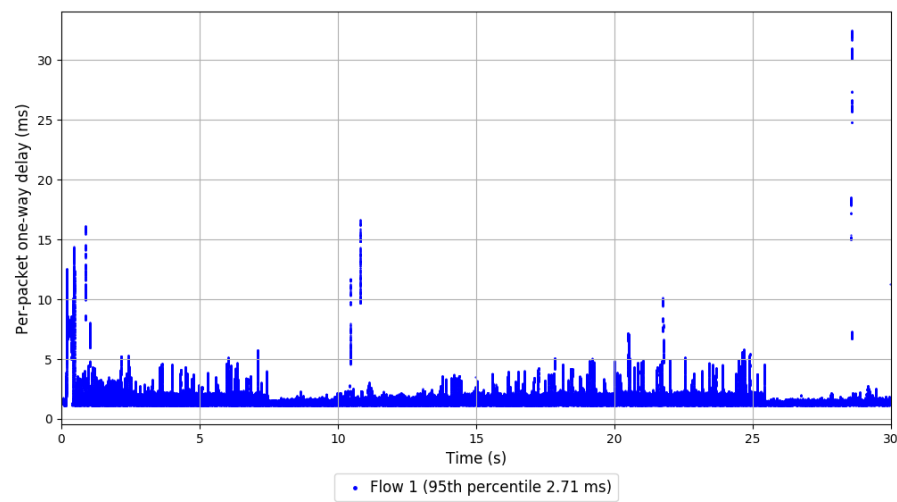
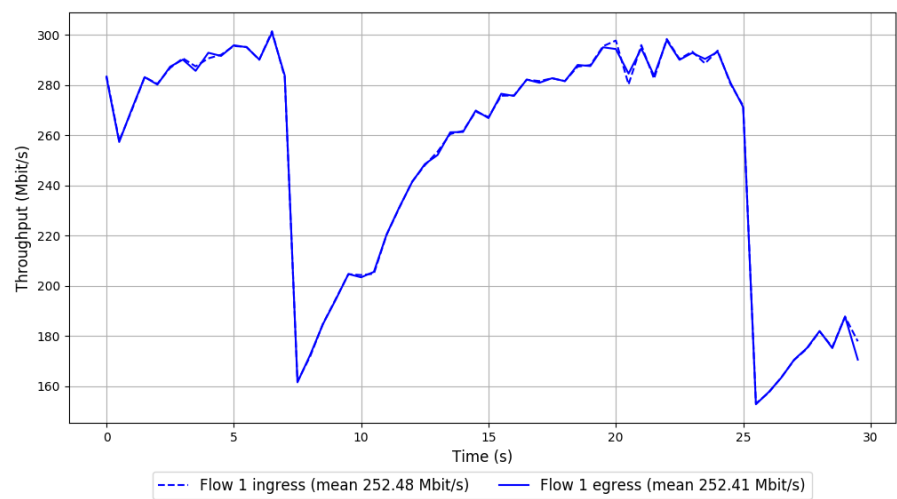


Run 2: Statistics of TCP Vegas

Start at: 2017-08-16 18:58:19
End at: 2017-08-16 18:58:49
Local clock offset: 0.405 ms
Remote clock offset: -2.013 ms

Below is generated by plot.py at 2017-08-17 03:22:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 252.41 Mbit/s
95th percentile per-packet one-way delay: 2.715 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 252.41 Mbit/s
95th percentile per-packet one-way delay: 2.715 ms
Loss rate: 0.05%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: 2017-08-16 19:19:10

End at: 2017-08-16 19:19:40

Local clock offset: 0.527 ms

Remote clock offset: -1.54 ms

Below is generated by plot.py at 2017-08-17 03:23:25

Datalink statistics

-- Total of 1 flow:

Average throughput: 363.63 Mbit/s

95th percentile per-packet one-way delay: 11.418 ms

Loss rate: 0.05%

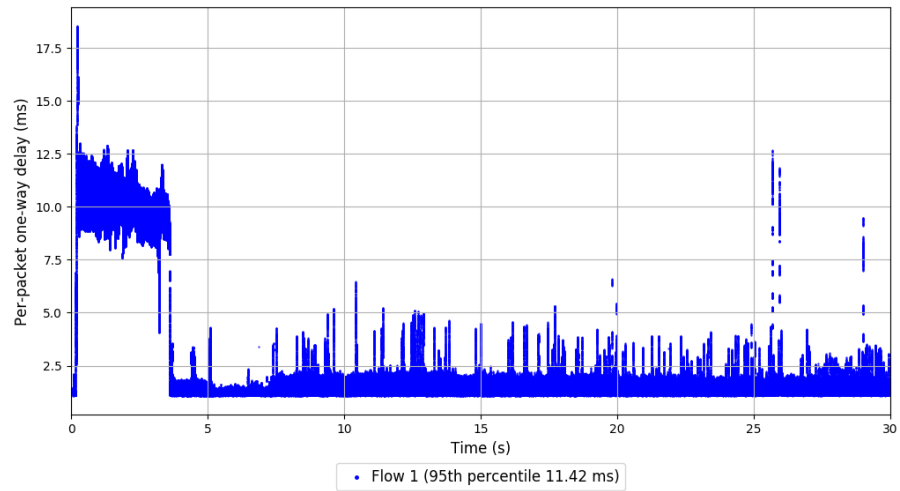
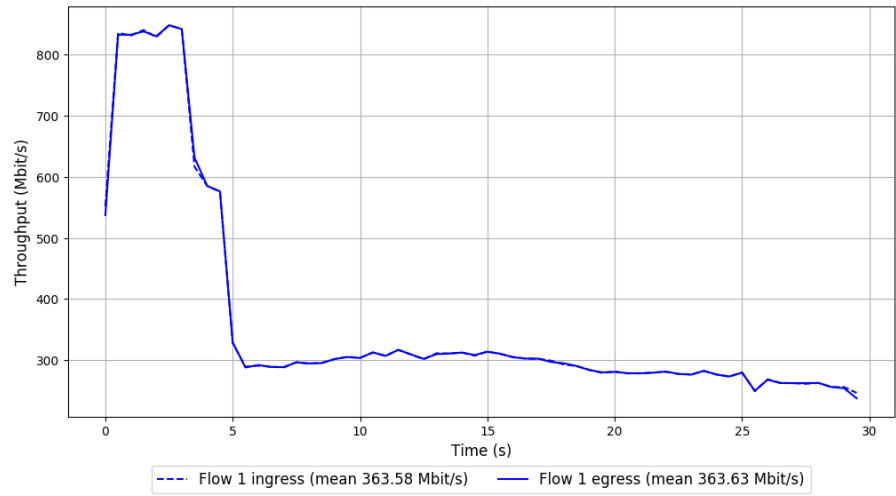
-- Flow 1:

Average throughput: 363.63 Mbit/s

95th percentile per-packet one-way delay: 11.418 ms

Loss rate: 0.05%

Run 3: Report of TCP Vegas — Data Link

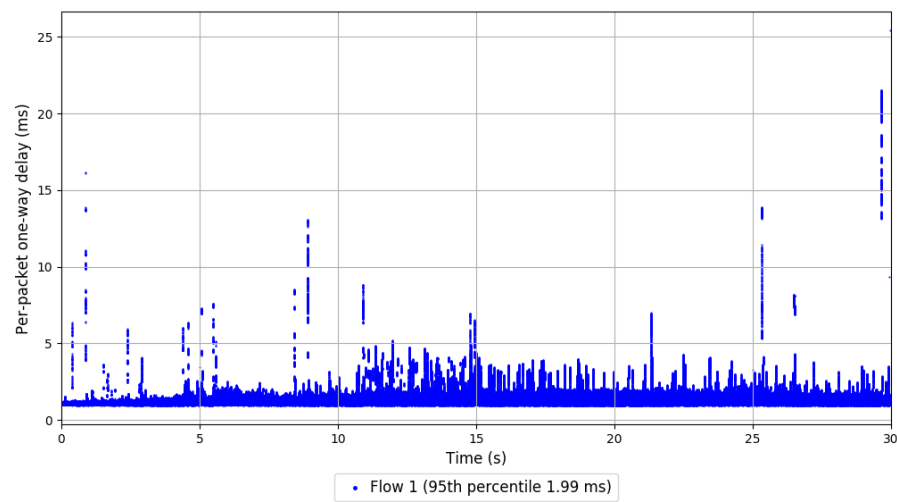
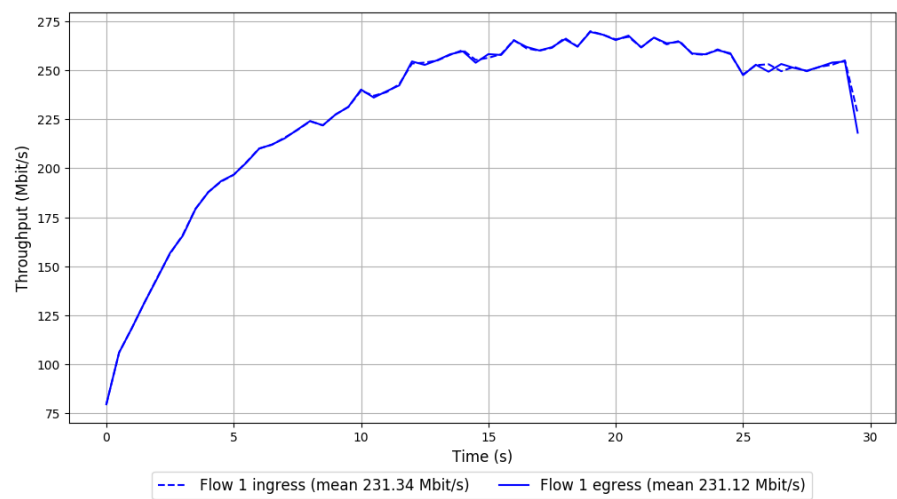


Run 4: Statistics of TCP Vegas

Start at: 2017-08-16 19:39:55
End at: 2017-08-16 19:40:25
Local clock offset: 0.824 ms
Remote clock offset: -1.445 ms

Below is generated by plot.py at 2017-08-17 03:23:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 231.12 Mbit/s
95th percentile per-packet one-way delay: 1.987 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 231.12 Mbit/s
95th percentile per-packet one-way delay: 1.987 ms
Loss rate: 0.08%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: 2017-08-16 20:00:37

End at: 2017-08-16 20:01:07

Local clock offset: 1.144 ms

Remote clock offset: -1.58 ms

Below is generated by plot.py at 2017-08-17 03:23:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 215.18 Mbit/s

95th percentile per-packet one-way delay: 1.812 ms

Loss rate: 0.08%

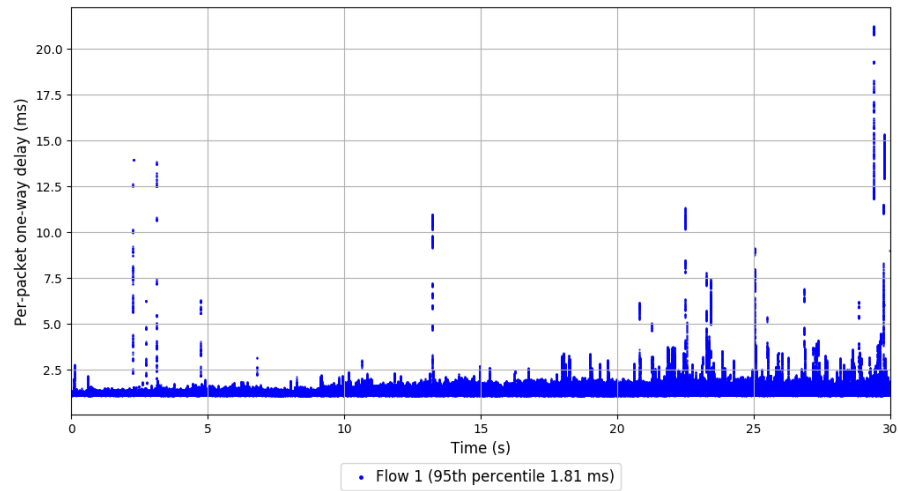
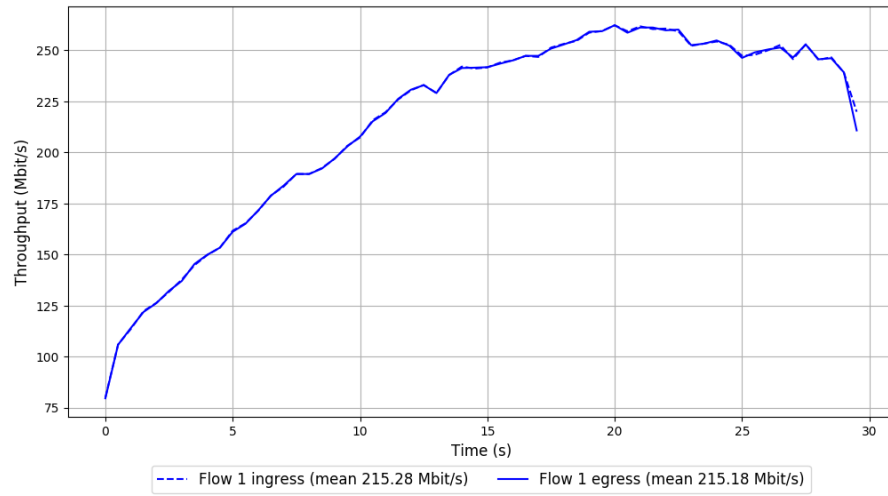
-- Flow 1:

Average throughput: 215.18 Mbit/s

95th percentile per-packet one-way delay: 1.812 ms

Loss rate: 0.08%

Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: 2017-08-16 20:21:17

End at: 2017-08-16 20:21:47

Local clock offset: 1.46 ms

Remote clock offset: -1.46 ms

Below is generated by plot.py at 2017-08-17 03:24:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 300.10 Mbit/s

95th percentile per-packet one-way delay: 14.265 ms

Loss rate: 0.06%

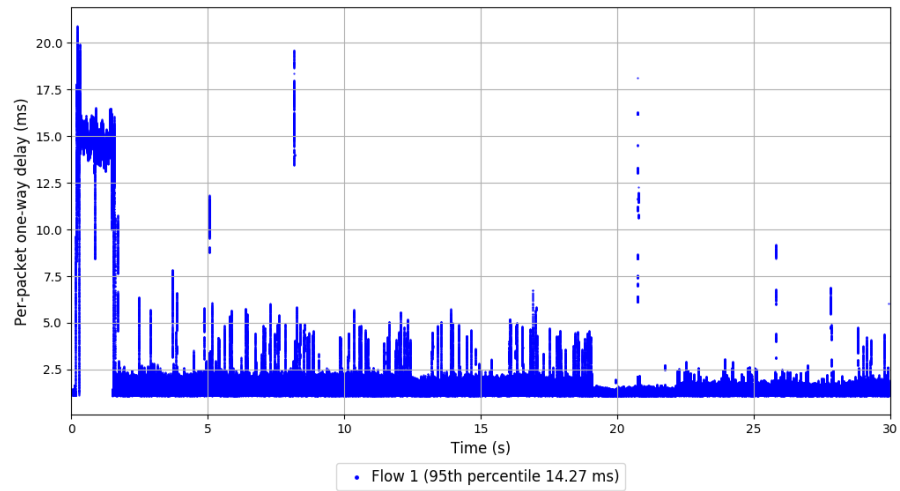
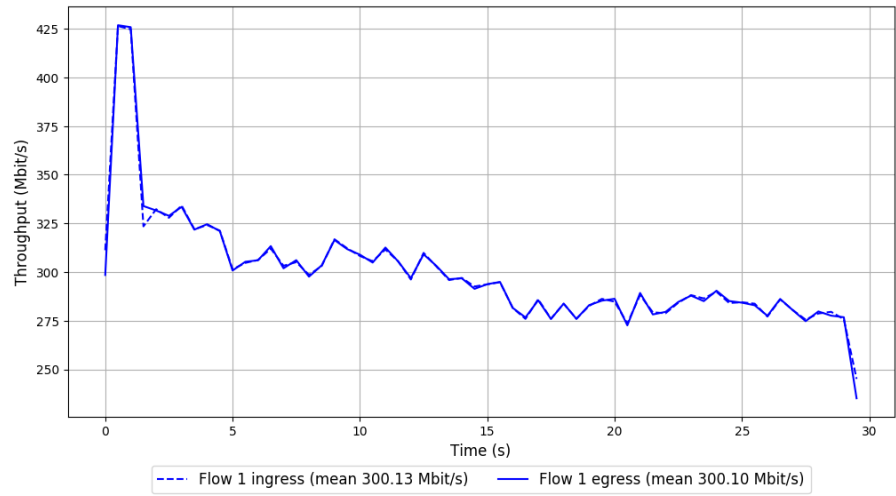
-- Flow 1:

Average throughput: 300.10 Mbit/s

95th percentile per-packet one-way delay: 14.265 ms

Loss rate: 0.06%

Run 6: Report of TCP Vegas — Data Link

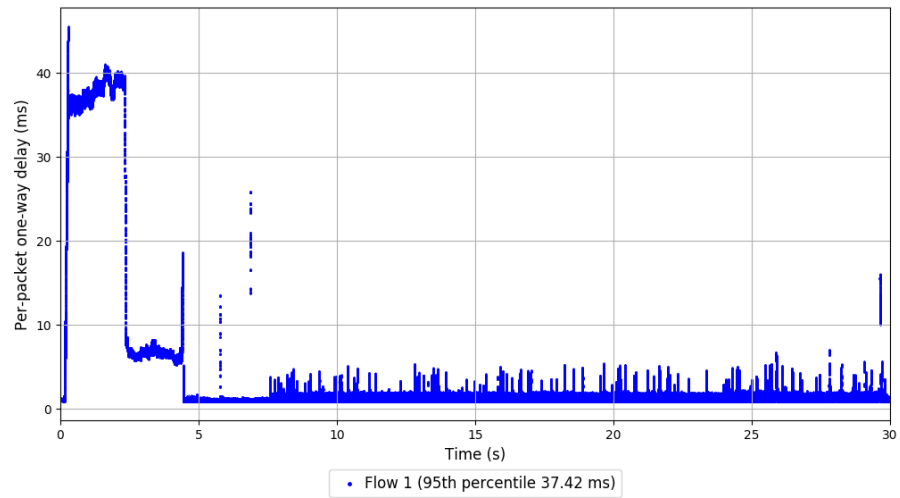
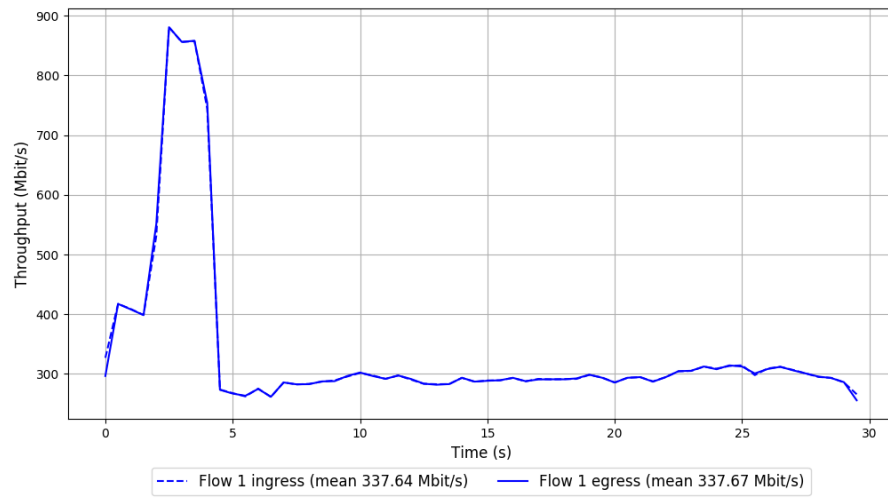


Run 7: Statistics of TCP Vegas

Start at: 2017-08-16 20:42:04
End at: 2017-08-16 20:42:34
Local clock offset: 1.53 ms
Remote clock offset: -1.325 ms

Below is generated by plot.py at 2017-08-17 03:24:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 337.67 Mbit/s
95th percentile per-packet one-way delay: 37.418 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 337.67 Mbit/s
95th percentile per-packet one-way delay: 37.418 ms
Loss rate: 0.06%

Run 7: Report of TCP Vegas — Data Link

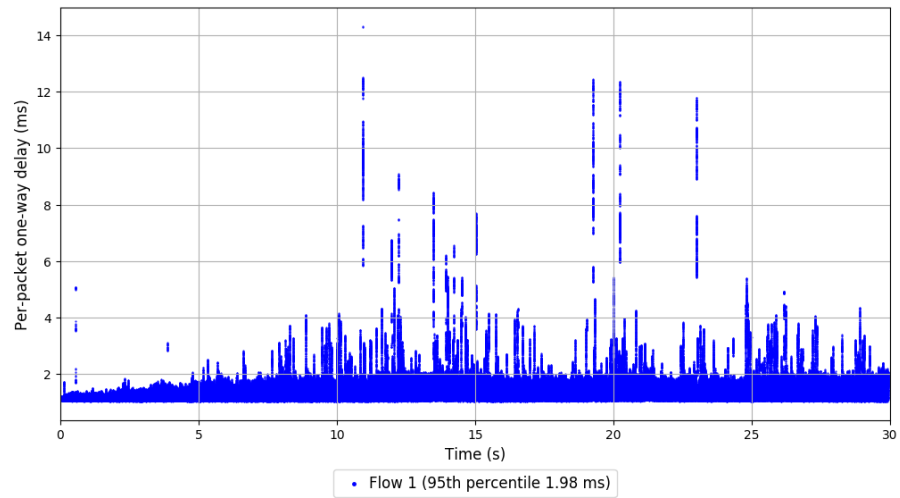
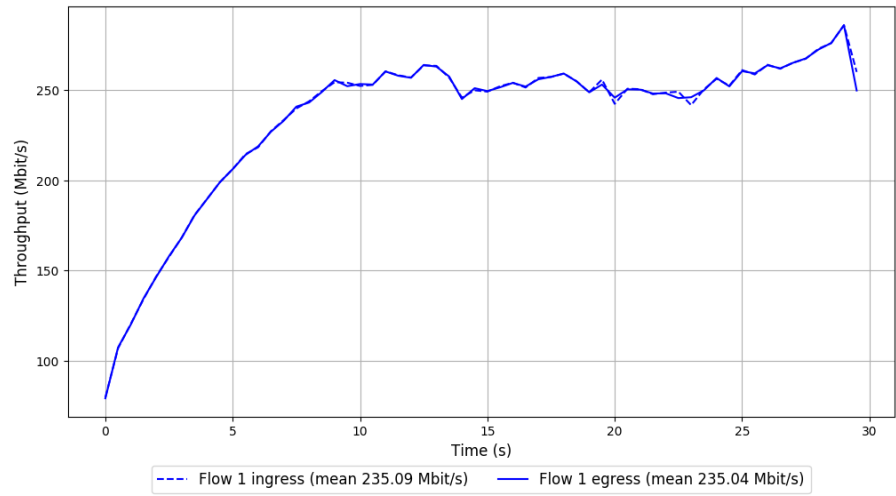


Run 8: Statistics of TCP Vegas

Start at: 2017-08-16 21:02:47
End at: 2017-08-16 21:03:17
Local clock offset: 1.458 ms
Remote clock offset: -1.266 ms

Below is generated by plot.py at 2017-08-17 03:24:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 235.04 Mbit/s
95th percentile per-packet one-way delay: 1.980 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 235.04 Mbit/s
95th percentile per-packet one-way delay: 1.980 ms
Loss rate: 0.08%

Run 8: Report of TCP Vegas — Data Link



Run 9: Statistics of TCP Vegas

Start at: 2017-08-16 21:23:46

End at: 2017-08-16 21:24:16

Local clock offset: 1.131 ms

Remote clock offset: -1.15 ms

Below is generated by plot.py at 2017-08-17 03:25:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 299.53 Mbit/s

95th percentile per-packet one-way delay: 2.265 ms

Loss rate: 0.05%

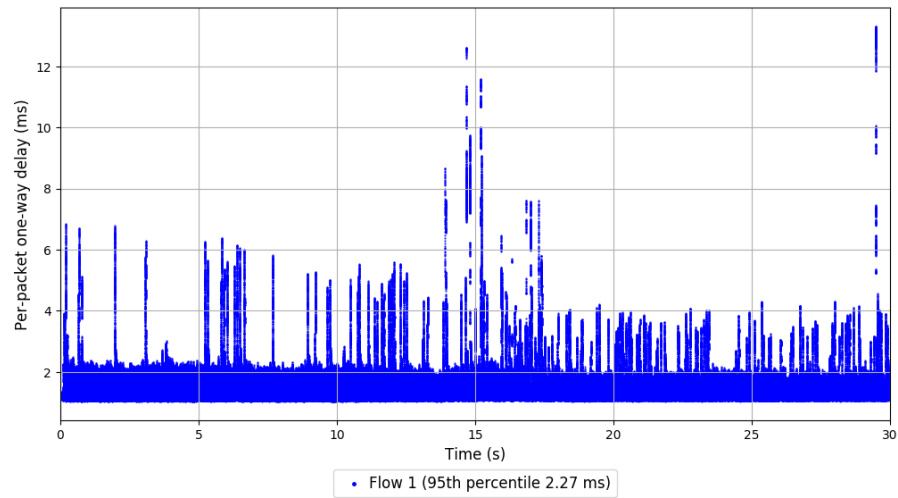
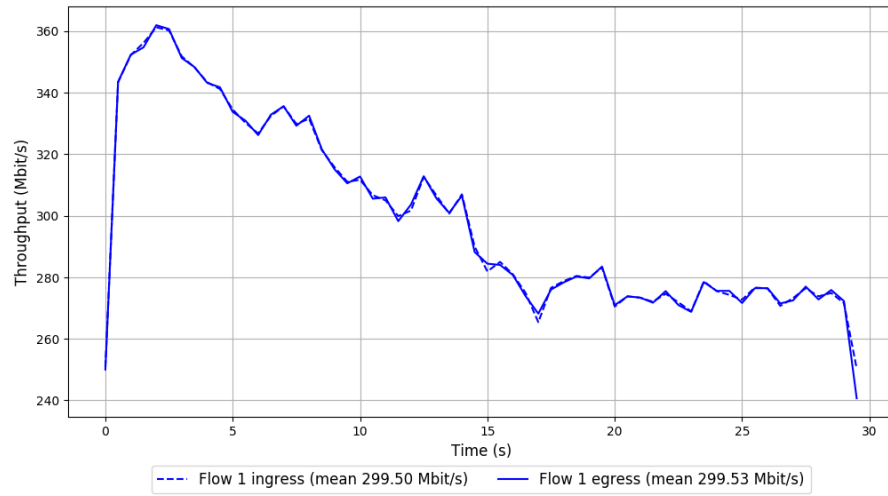
-- Flow 1:

Average throughput: 299.53 Mbit/s

95th percentile per-packet one-way delay: 2.265 ms

Loss rate: 0.05%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: 2017-08-16 21:44:26

End at: 2017-08-16 21:44:56

Local clock offset: 1.142 ms

Remote clock offset: -0.982 ms

Below is generated by plot.py at 2017-08-17 03:25:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 208.05 Mbit/s

95th percentile per-packet one-way delay: 1.843 ms

Loss rate: 0.05%

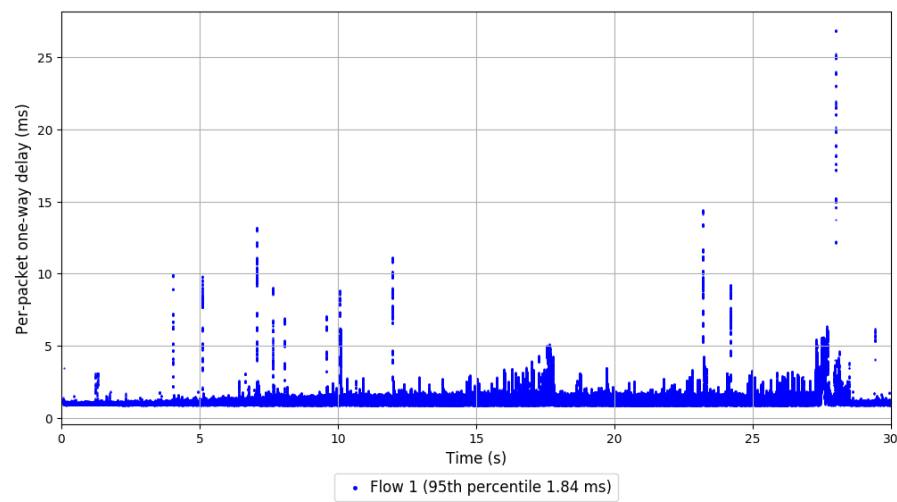
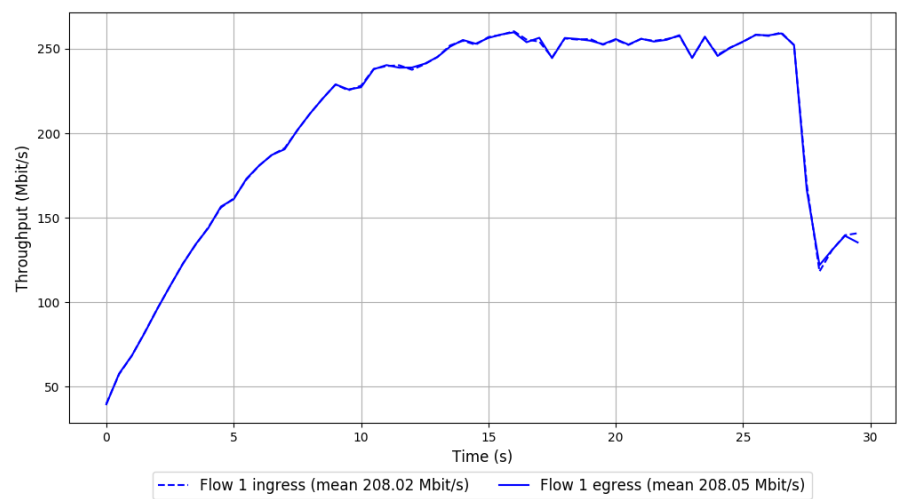
-- Flow 1:

Average throughput: 208.05 Mbit/s

95th percentile per-packet one-way delay: 1.843 ms

Loss rate: 0.05%

Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: 2017-08-16 18:47:04

End at: 2017-08-16 18:47:34

Local clock offset: 0.345 ms

Remote clock offset: -2.26 ms

Below is generated by plot.py at 2017-08-17 03:25:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 377.38 Mbit/s

95th percentile per-packet one-way delay: 26.773 ms

Loss rate: 0.18%

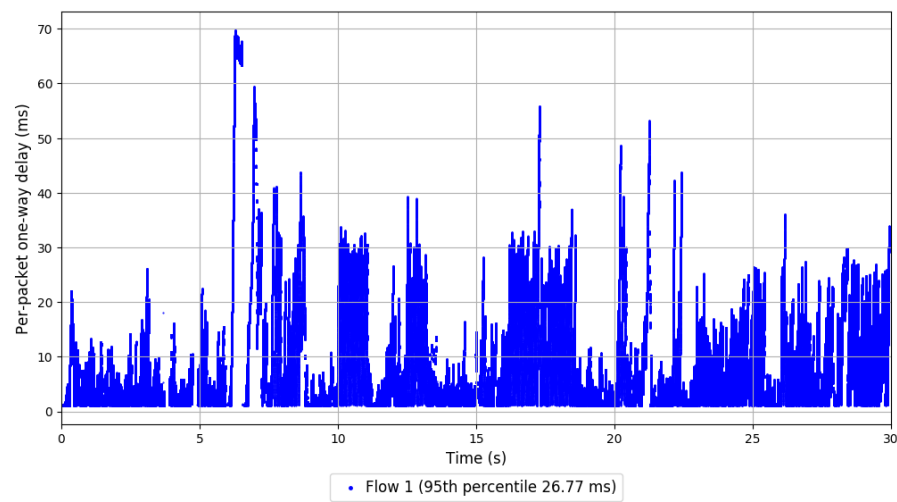
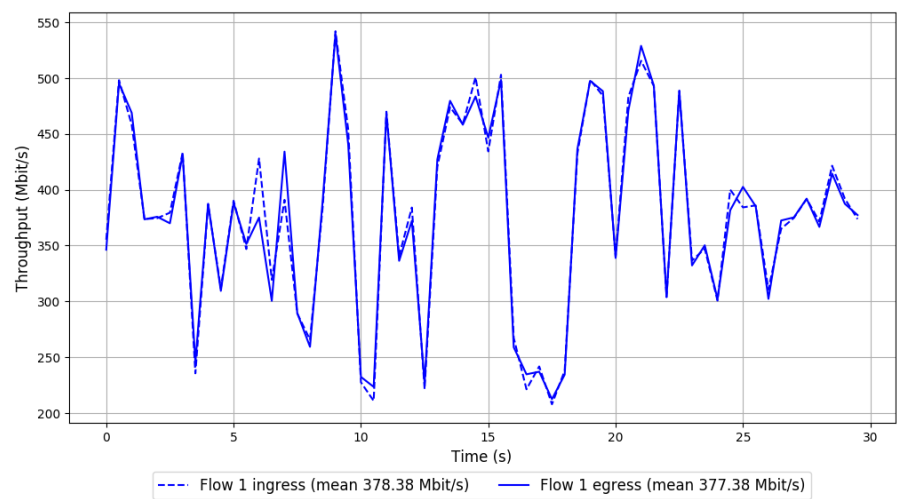
-- Flow 1:

Average throughput: 377.38 Mbit/s

95th percentile per-packet one-way delay: 26.773 ms

Loss rate: 0.18%

Run 1: Report of Verus — Data Link

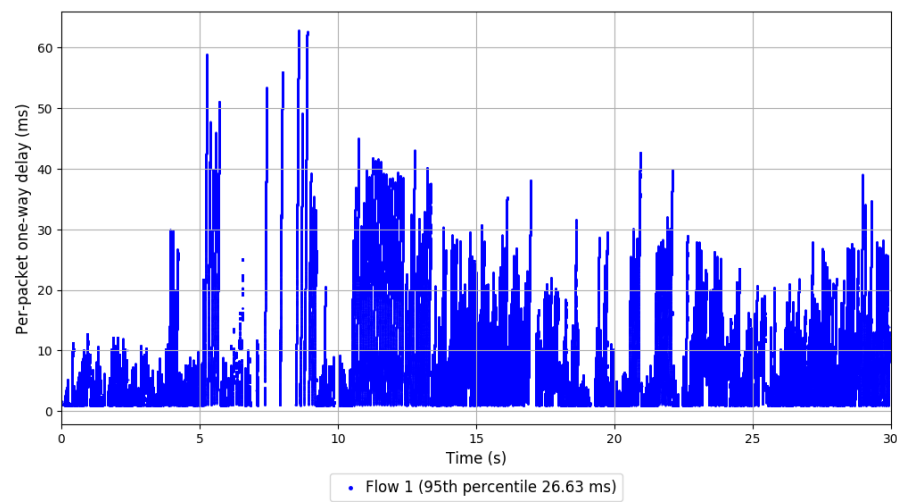
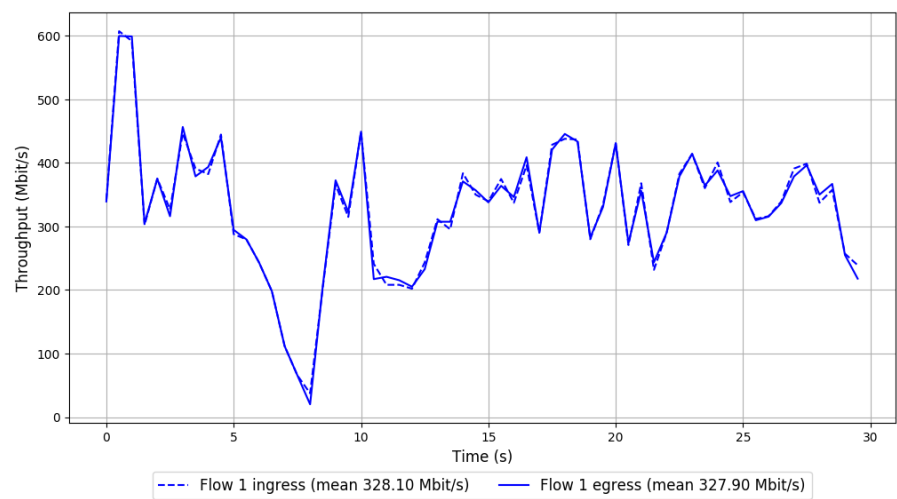


Run 2: Statistics of Verus

Start at: 2017-08-16 19:07:55
End at: 2017-08-16 19:08:25
Local clock offset: 0.339 ms
Remote clock offset: -1.779 ms

Below is generated by plot.py at 2017-08-17 03:25:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 327.90 Mbit/s
95th percentile per-packet one-way delay: 26.631 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 327.90 Mbit/s
95th percentile per-packet one-way delay: 26.631 ms
Loss rate: 0.12%

Run 2: Report of Verus — Data Link

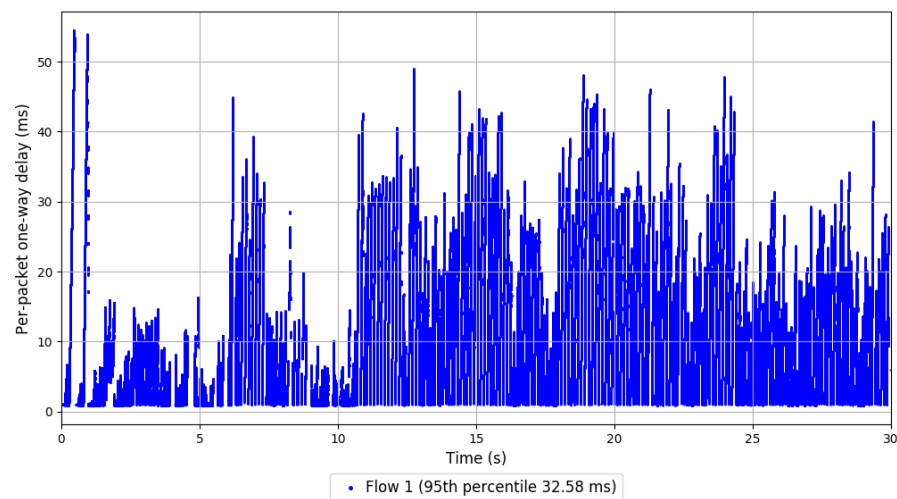
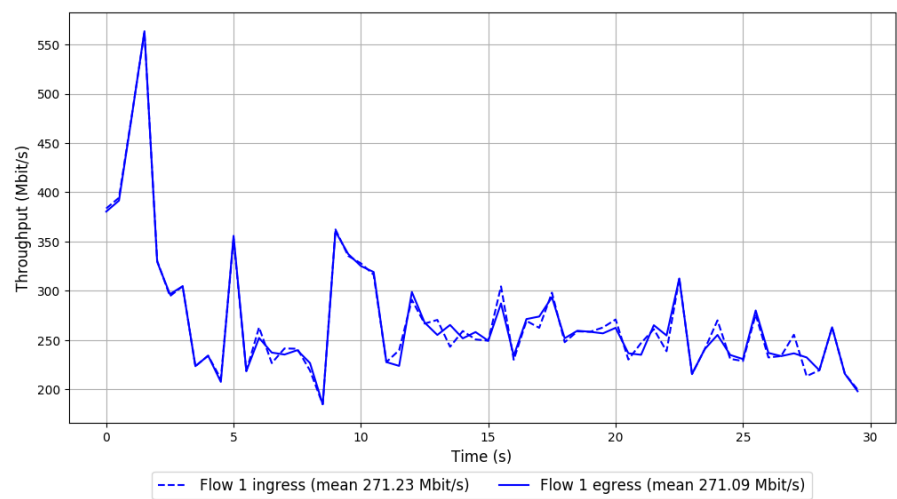


Run 3: Statistics of Verus

Start at: 2017-08-16 19:28:52
End at: 2017-08-16 19:29:22
Local clock offset: 0.557 ms
Remote clock offset: -1.343 ms

Below is generated by plot.py at 2017-08-17 03:26:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 271.09 Mbit/s
95th percentile per-packet one-way delay: 32.580 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 271.09 Mbit/s
95th percentile per-packet one-way delay: 32.580 ms
Loss rate: 0.04%

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: 2017-08-16 19:49:30

End at: 2017-08-16 19:50:00

Local clock offset: 0.959 ms

Remote clock offset: -1.53 ms

Below is generated by plot.py at 2017-08-17 03:26:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 339.00 Mbit/s

95th percentile per-packet one-way delay: 74.157 ms

Loss rate: 2.39%

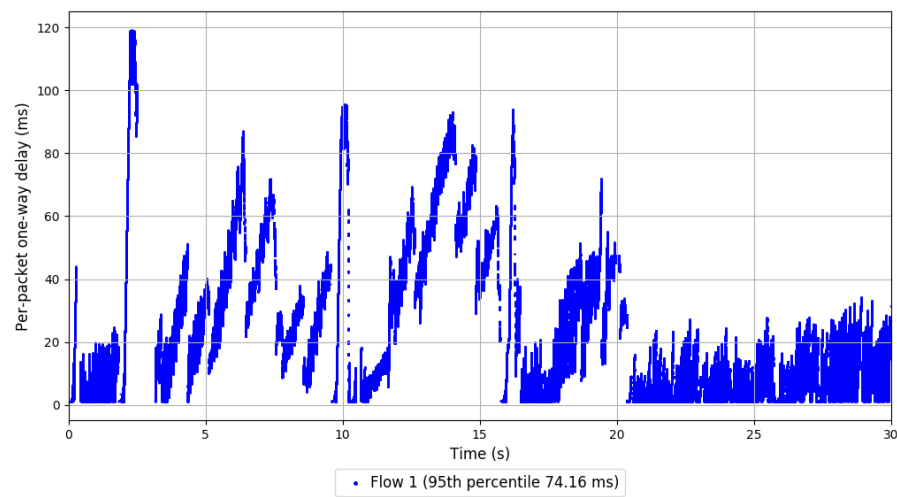
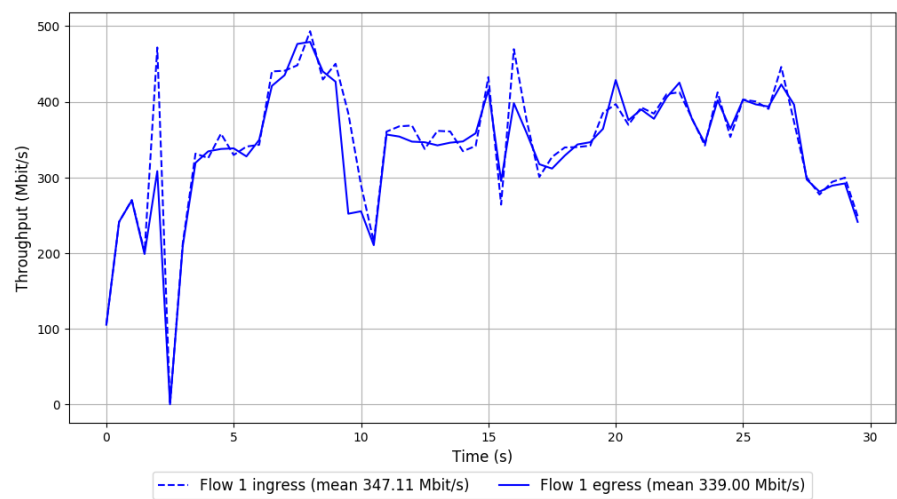
-- Flow 1:

Average throughput: 339.00 Mbit/s

95th percentile per-packet one-way delay: 74.157 ms

Loss rate: 2.39%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: 2017-08-16 20:10:03

End at: 2017-08-16 20:10:33

Local clock offset: 1.296 ms

Remote clock offset: -1.57 ms

Below is generated by plot.py at 2017-08-17 03:27:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 409.43 Mbit/s

95th percentile per-packet one-way delay: 72.267 ms

Loss rate: 2.40%

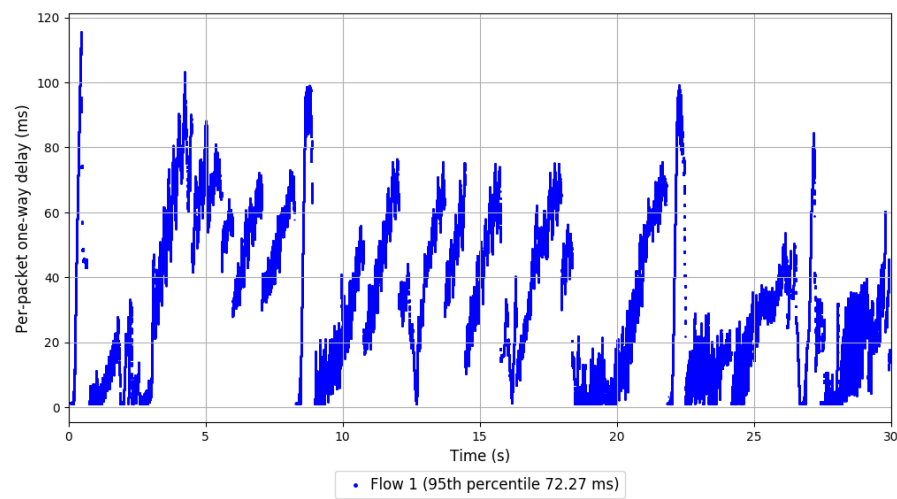
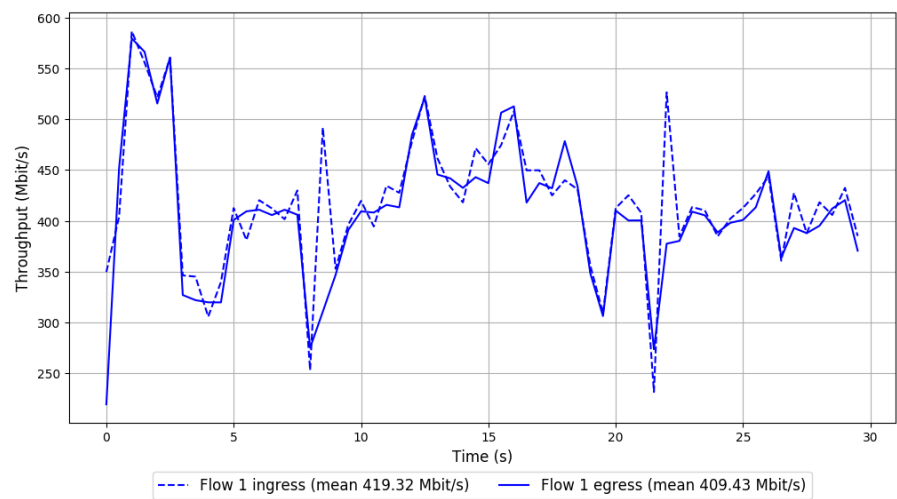
-- Flow 1:

Average throughput: 409.43 Mbit/s

95th percentile per-packet one-way delay: 72.267 ms

Loss rate: 2.40%

Run 5: Report of Verus — Data Link

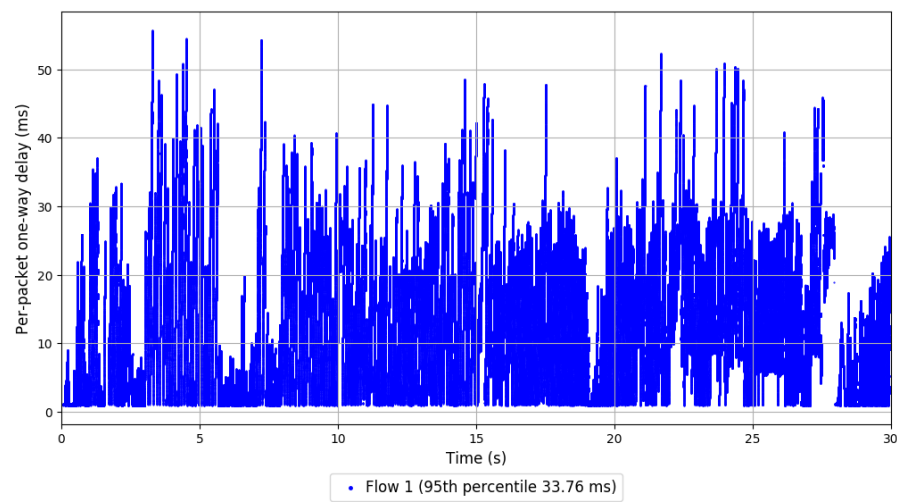
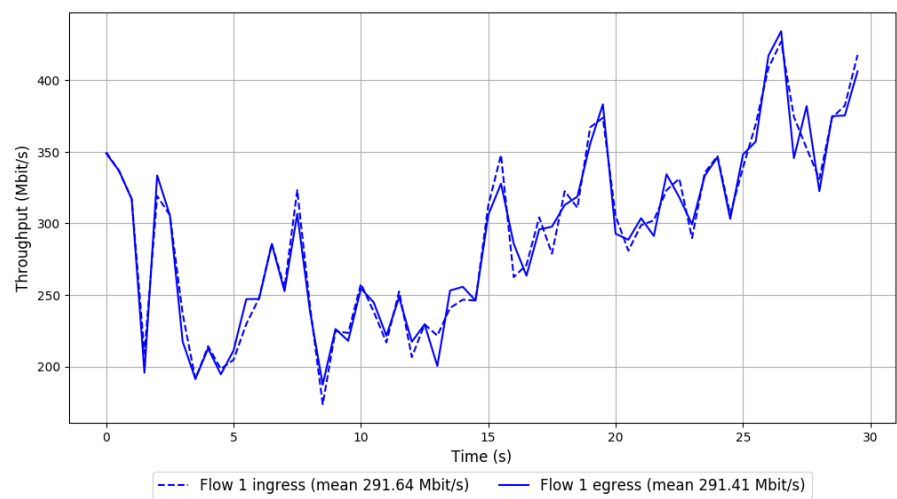


Run 6: Statistics of Verus

Start at: 2017-08-16 20:30:50
End at: 2017-08-16 20:31:20
Local clock offset: 1.448 ms
Remote clock offset: -1.401 ms

Below is generated by plot.py at 2017-08-17 03:27:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 291.41 Mbit/s
95th percentile per-packet one-way delay: 33.755 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 291.41 Mbit/s
95th percentile per-packet one-way delay: 33.755 ms
Loss rate: 0.15%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: 2017-08-16 20:51:37

End at: 2017-08-16 20:52:07

Local clock offset: 1.564 ms

Remote clock offset: -1.29 ms

Below is generated by plot.py at 2017-08-17 03:27:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 329.16 Mbit/s

95th percentile per-packet one-way delay: 41.715 ms

Loss rate: 1.61%

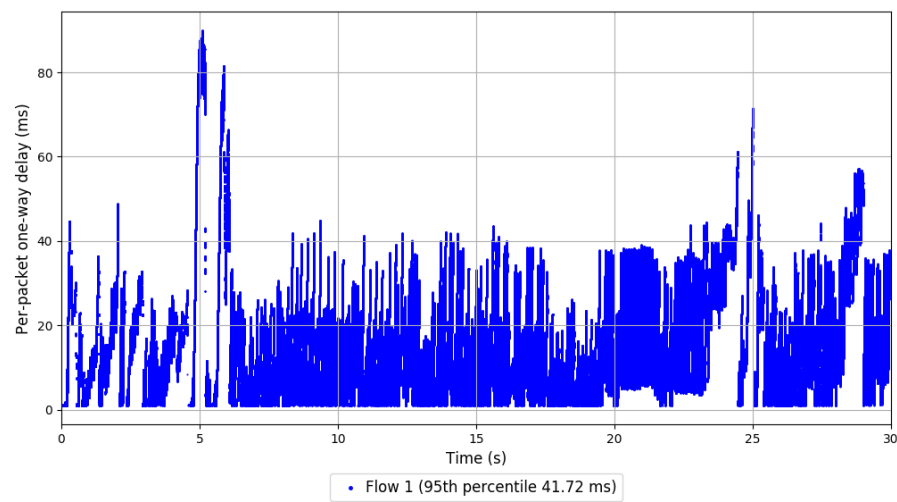
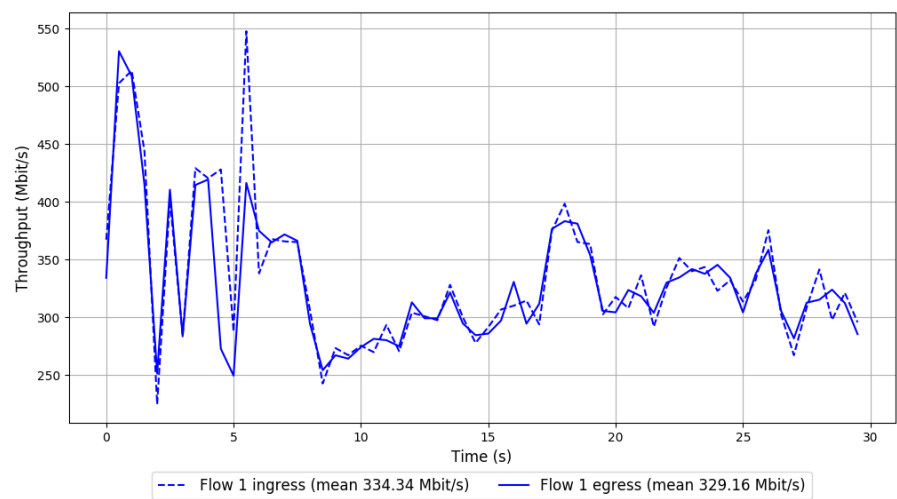
-- Flow 1:

Average throughput: 329.16 Mbit/s

95th percentile per-packet one-way delay: 41.715 ms

Loss rate: 1.61%

Run 7: Report of Verus — Data Link

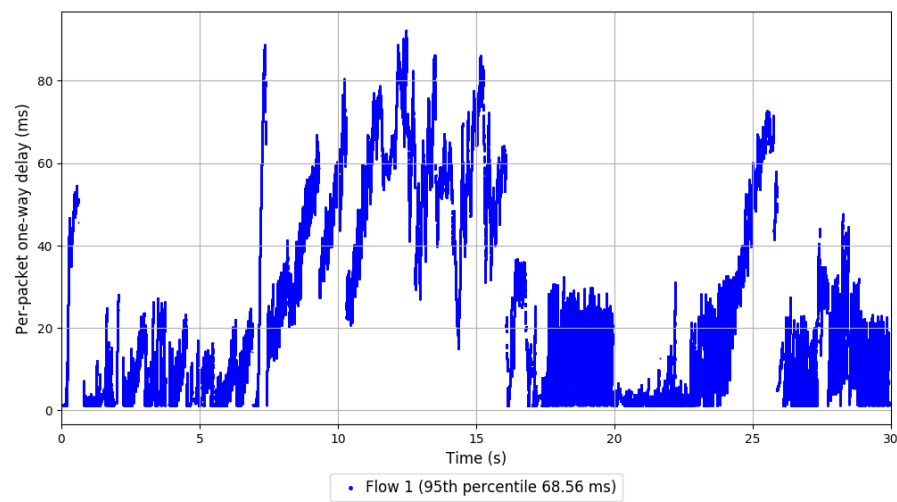
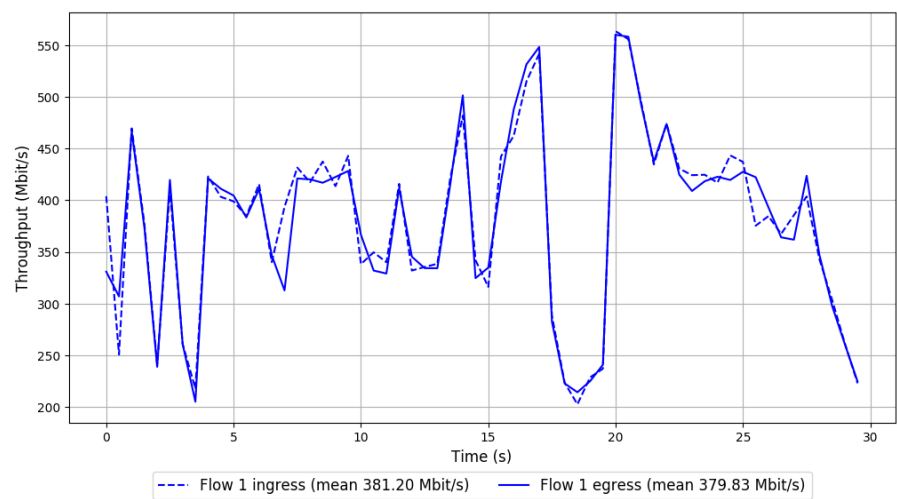


Run 8: Statistics of Verus

Start at: 2017-08-16 21:12:19
End at: 2017-08-16 21:12:49
Local clock offset: 1.282 ms
Remote clock offset: -1.215 ms

Below is generated by plot.py at 2017-08-17 03:28:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 379.83 Mbit/s
95th percentile per-packet one-way delay: 68.561 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 379.83 Mbit/s
95th percentile per-packet one-way delay: 68.561 ms
Loss rate: 0.41%

Run 8: Report of Verus — Data Link

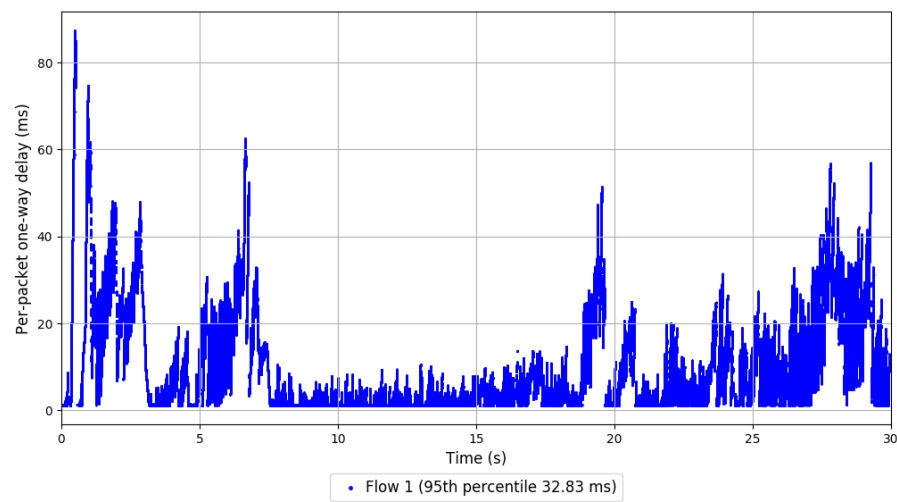
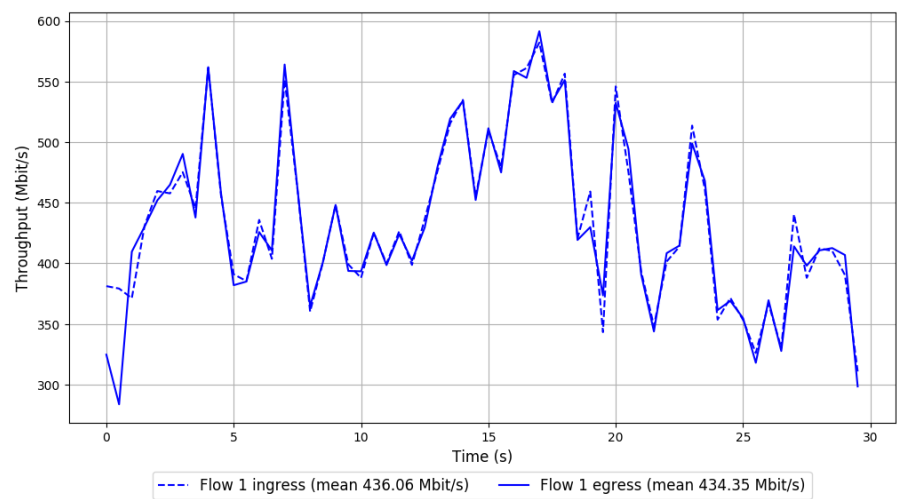


Run 9: Statistics of Verus

Start at: 2017-08-16 21:33:21
End at: 2017-08-16 21:33:51
Local clock offset: 1.135 ms
Remote clock offset: -0.983 ms

Below is generated by plot.py at 2017-08-17 03:28:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 434.35 Mbit/s
95th percentile per-packet one-way delay: 32.833 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 434.35 Mbit/s
95th percentile per-packet one-way delay: 32.833 ms
Loss rate: 0.46%

Run 9: Report of Verus — Data Link

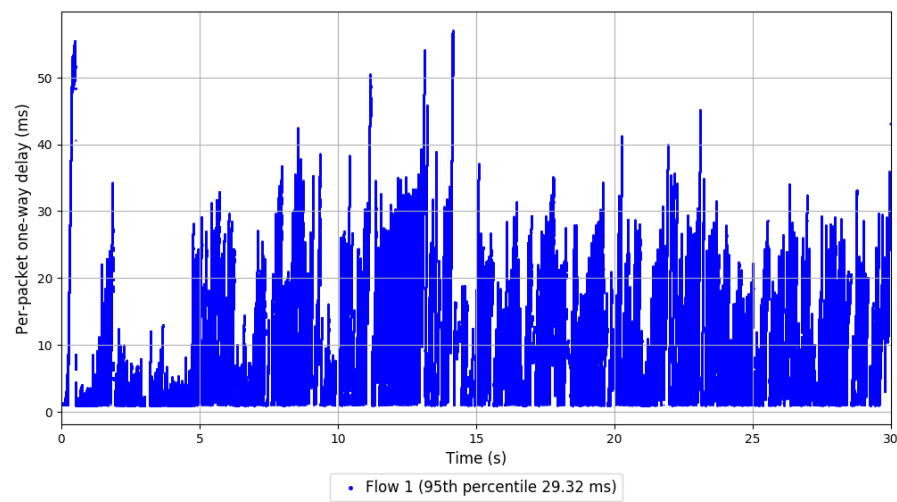
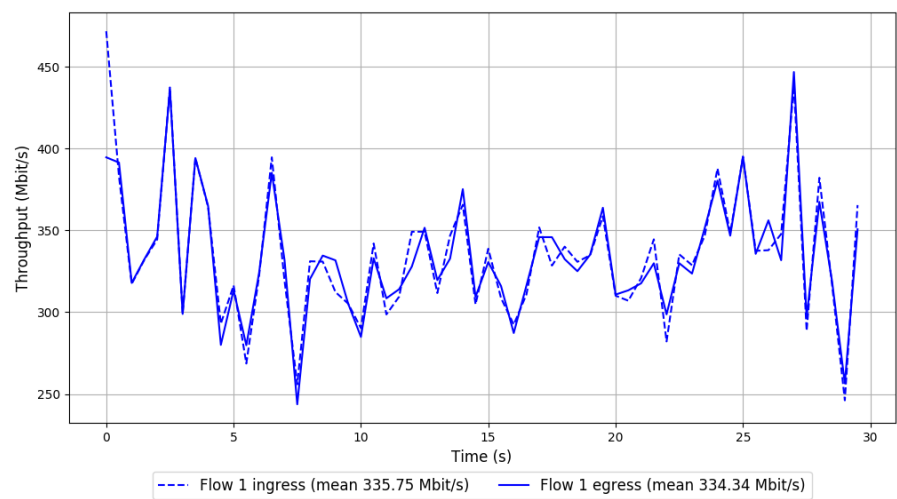


Run 10: Statistics of Verus

Start at: 2017-08-16 21:53:51
End at: 2017-08-16 21:54:21
Local clock offset: 1.299 ms
Remote clock offset: -0.968 ms

Below is generated by plot.py at 2017-08-17 03:28:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 334.34 Mbit/s
95th percentile per-packet one-way delay: 29.323 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 334.34 Mbit/s
95th percentile per-packet one-way delay: 29.323 ms
Loss rate: 0.41%

Run 10: Report of Verus — Data Link



Run 1: Statistics of WebRTC media

Start at: 2017-08-16 18:50:18

End at: 2017-08-16 18:50:48

Local clock offset: 0.266 ms

Remote clock offset: -2.173 ms

Below is generated by plot.py at 2017-08-17 03:28:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.22 Mbit/s

95th percentile per-packet one-way delay: 1.230 ms

Loss rate: 0.01%

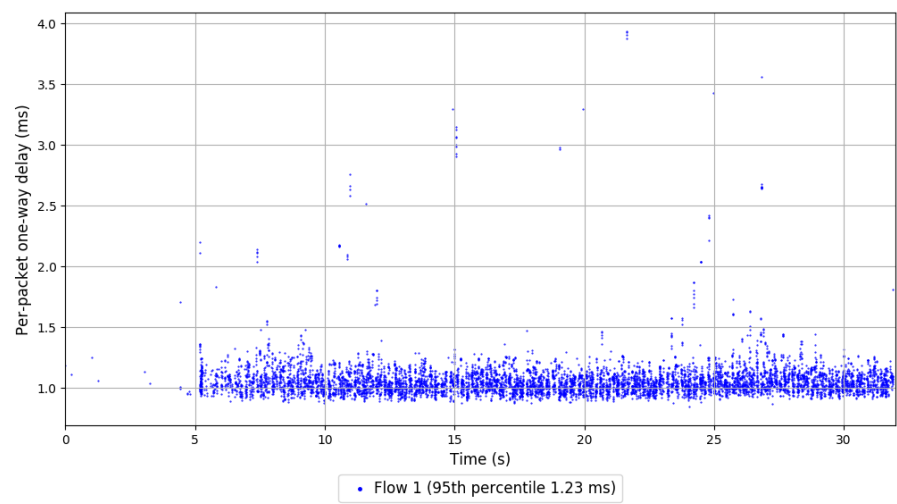
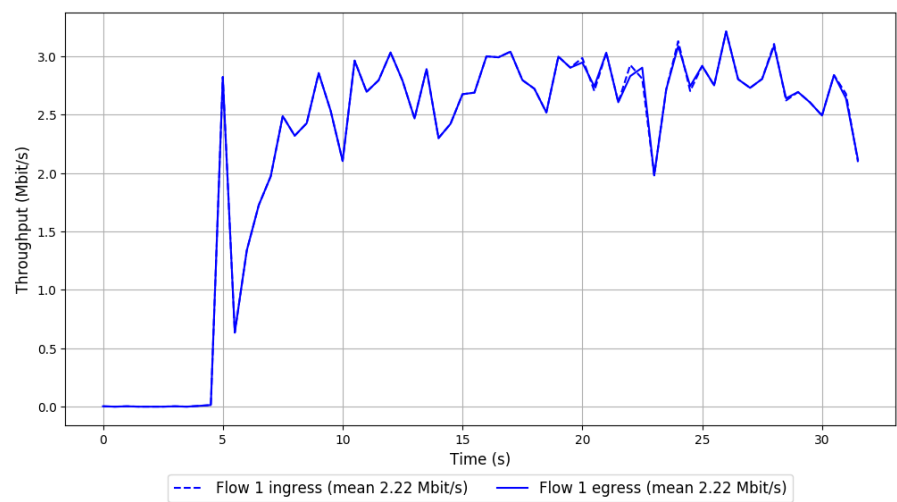
-- Flow 1:

Average throughput: 2.22 Mbit/s

95th percentile per-packet one-way delay: 1.230 ms

Loss rate: 0.01%

Run 1: Report of WebRTC media — Data Link

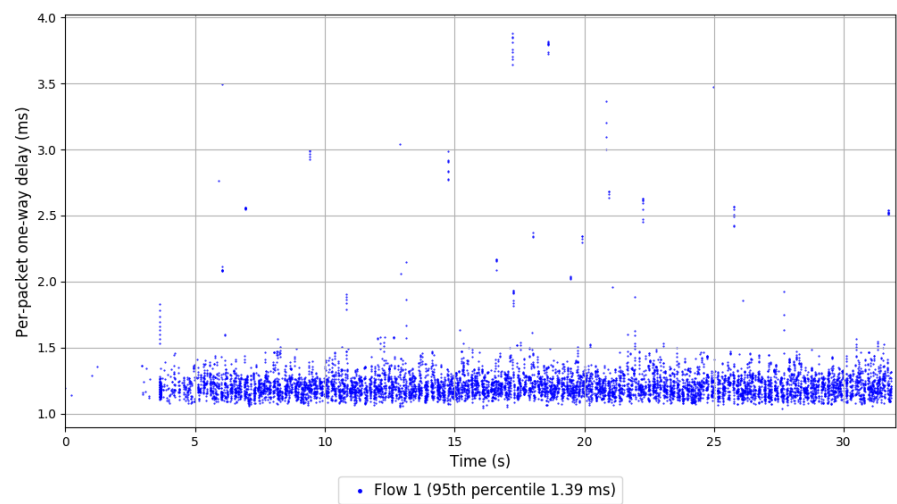
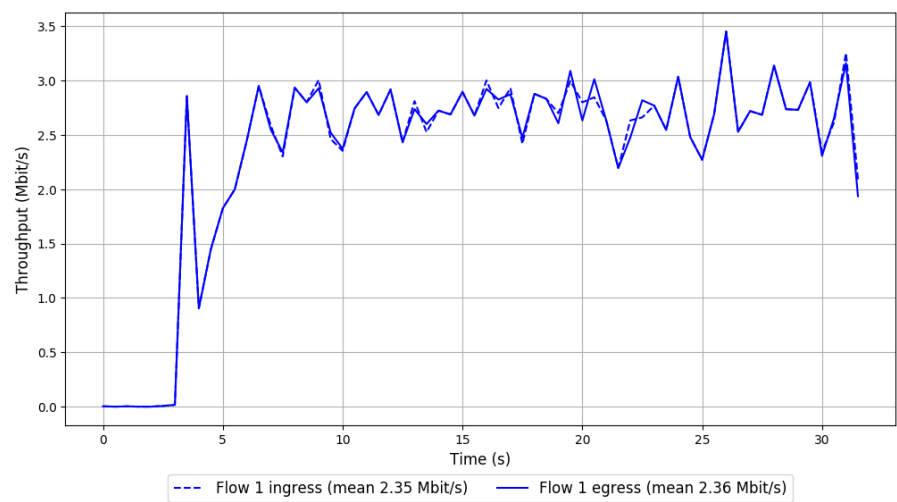


Run 2: Statistics of WebRTC media

Start at: 2017-08-16 19:11:13
End at: 2017-08-16 19:11:43
Local clock offset: 0.479 ms
Remote clock offset: -1.722 ms

Below is generated by plot.py at 2017-08-17 03:28:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 1.393 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 1.393 ms
Loss rate: 0.17%

Run 2: Report of WebRTC media — Data Link

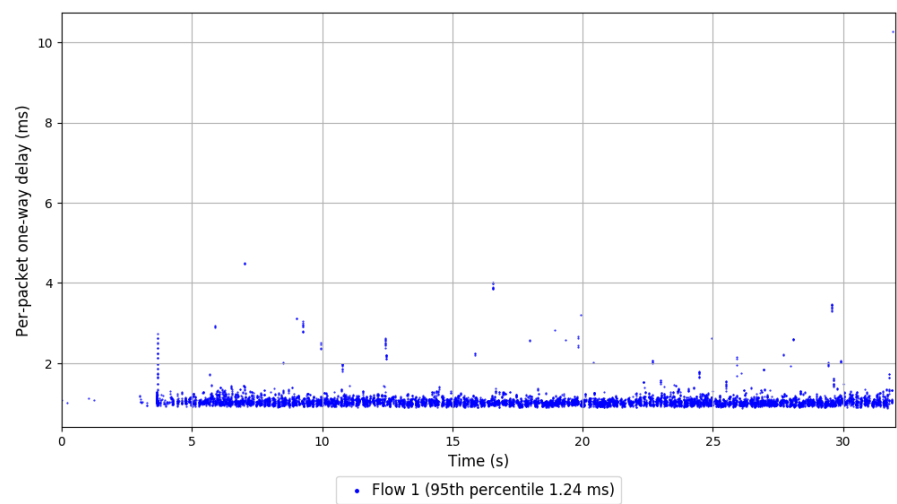
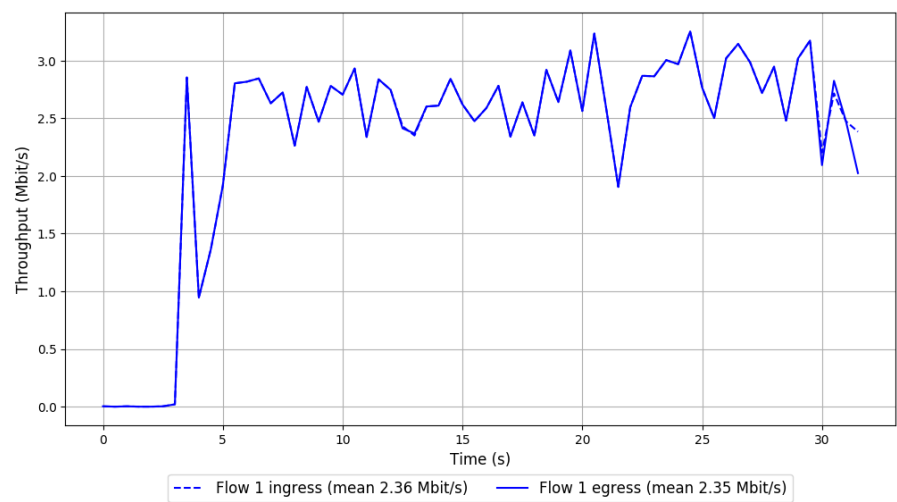


Run 3: Statistics of WebRTC media

Start at: 2017-08-16 19:31:57
End at: 2017-08-16 19:32:27
Local clock offset: 0.627 ms
Remote clock offset: -1.434 ms

Below is generated by plot.py at 2017-08-17 03:28:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 1.244 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 1.244 ms
Loss rate: 0.24%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: 2017-08-16 19:52:37

End at: 2017-08-16 19:53:07

Local clock offset: 1.013 ms

Remote clock offset: -1.6 ms

Below is generated by plot.py at 2017-08-17 03:28:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.36 Mbit/s

95th percentile per-packet one-way delay: 1.407 ms

Loss rate: 0.00%

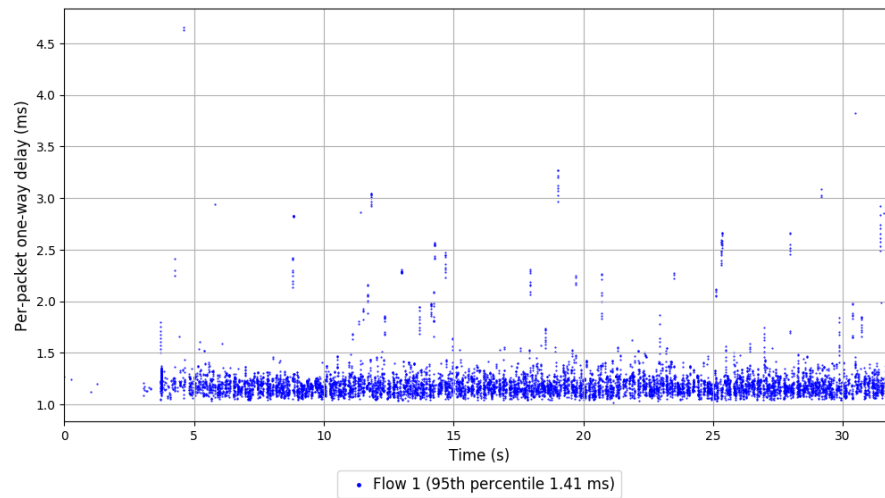
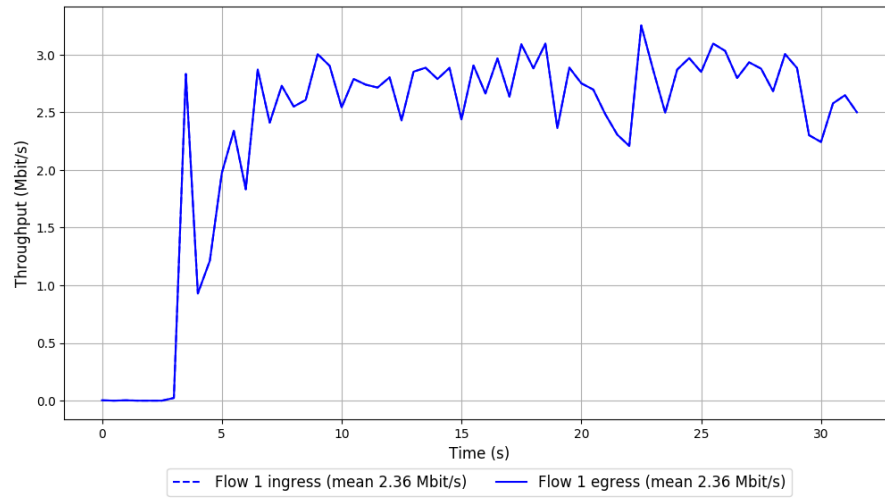
-- Flow 1:

Average throughput: 2.36 Mbit/s

95th percentile per-packet one-way delay: 1.407 ms

Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link

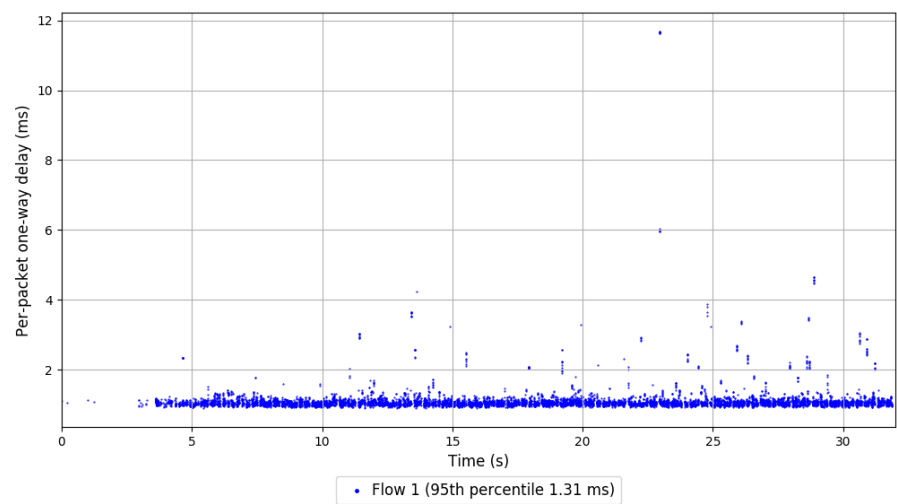
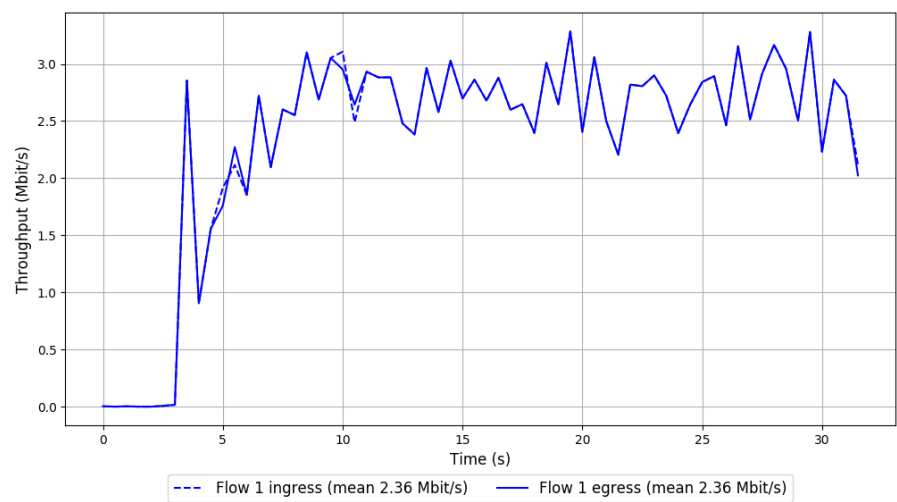


Run 5: Statistics of WebRTC media

Start at: 2017-08-16 20:13:18
End at: 2017-08-16 20:13:48
Local clock offset: 1.253 ms
Remote clock offset: -1.484 ms

Below is generated by plot.py at 2017-08-17 03:28:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 1.311 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 1.311 ms
Loss rate: 0.06%

Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: 2017-08-16 20:34:03

End at: 2017-08-16 20:34:33

Local clock offset: 1.493 ms

Remote clock offset: -1.3 ms

Below is generated by plot.py at 2017-08-17 03:28:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.36 Mbit/s

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

Loss rate: 0.00%

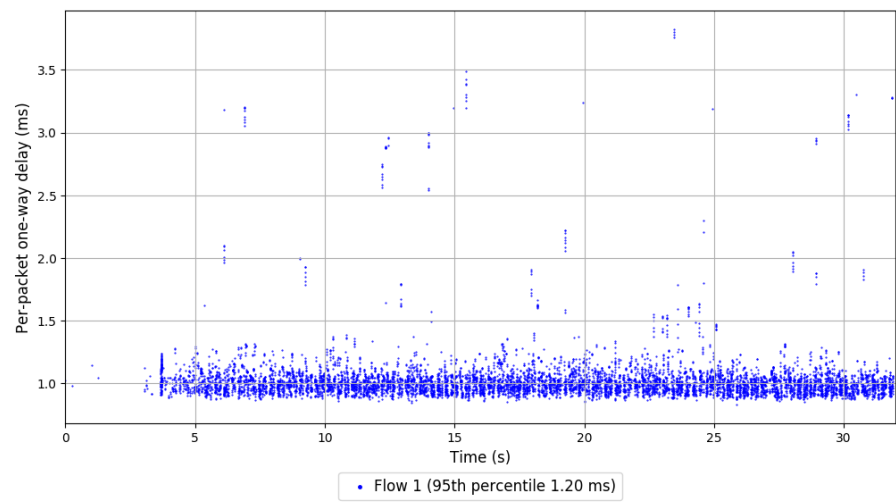
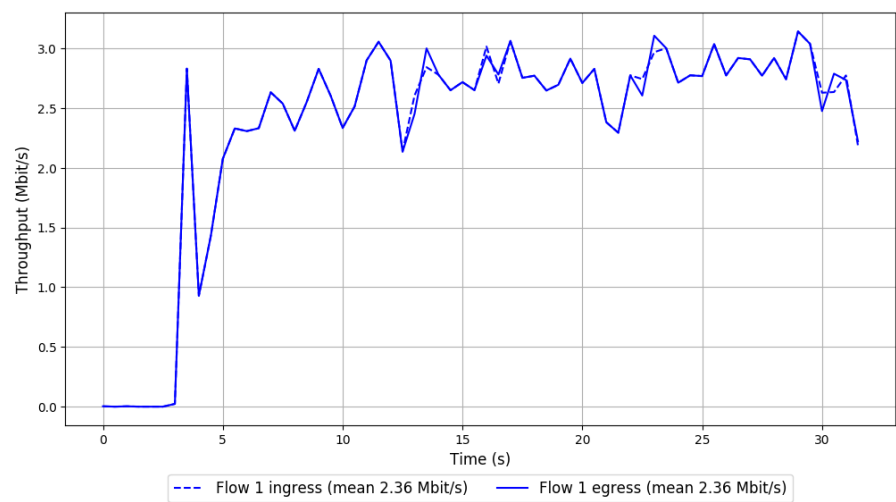
-- Flow 1:

Average throughput: 2.36 Mbit/s

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

Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

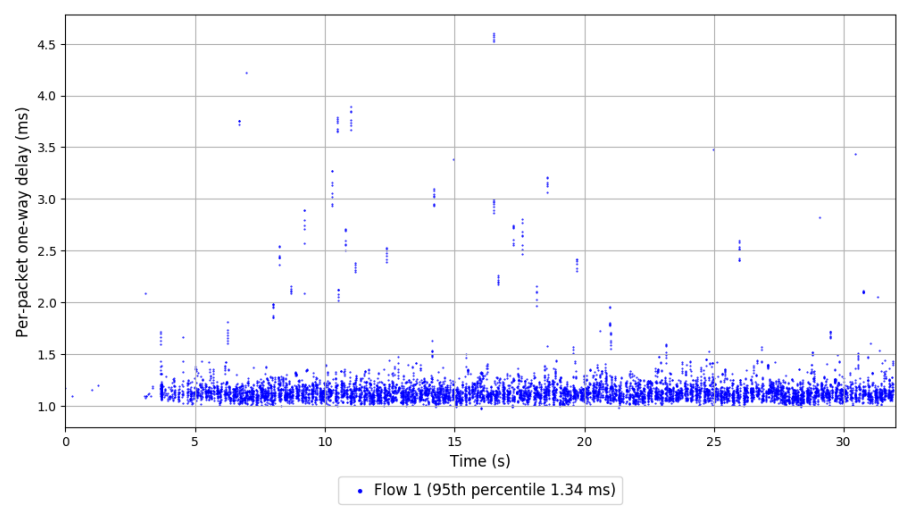
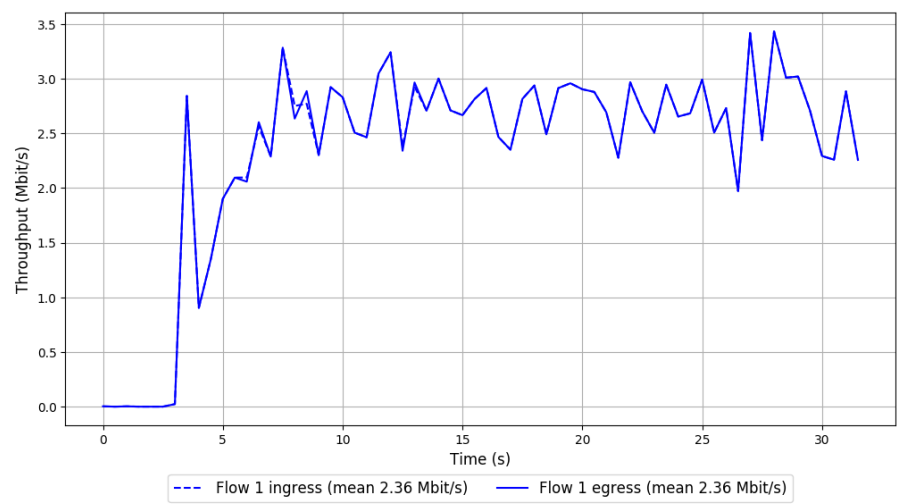


Run 7: Statistics of WebRTC media

Start at: 2017-08-16 20:54:43
End at: 2017-08-16 20:55:13
Local clock offset: 1.538 ms
Remote clock offset: -1.306 ms

Below is generated by plot.py at 2017-08-17 03:28:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 1.336 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 1.336 ms
Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

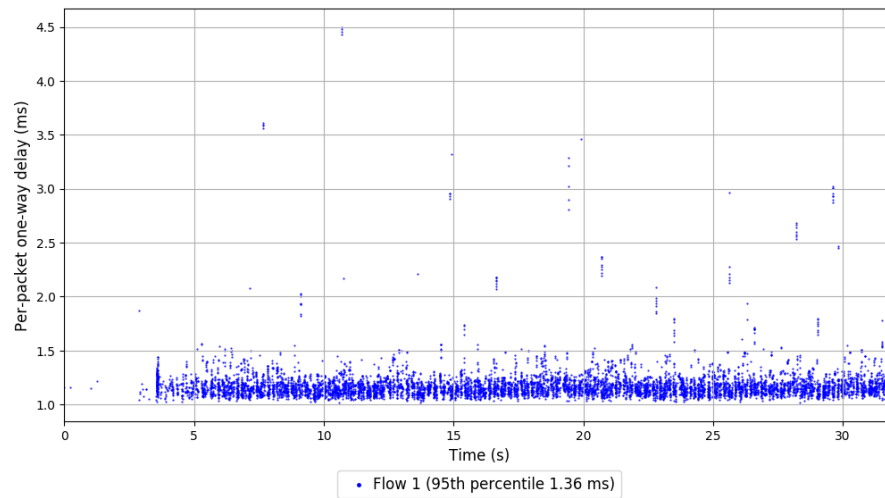
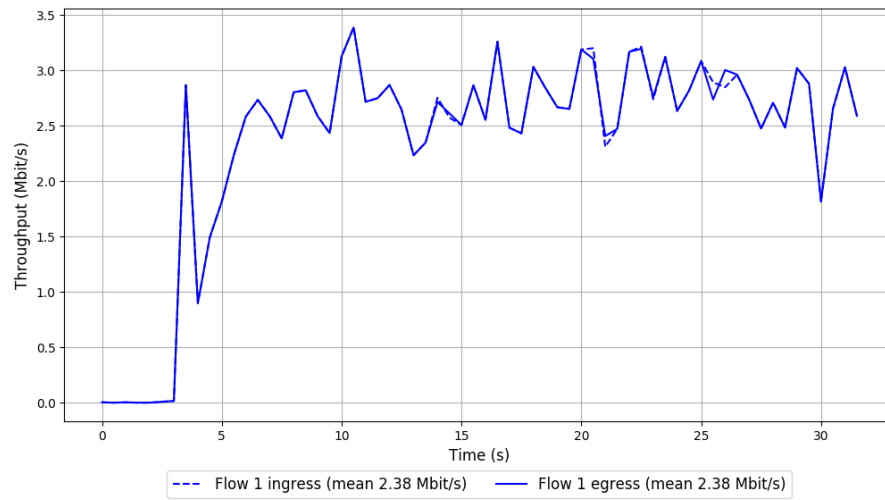


Run 8: Statistics of WebRTC media

Start at: 2017-08-16 21:15:36
End at: 2017-08-16 21:16:06
Local clock offset: 1.19 ms
Remote clock offset: -1.191 ms

Below is generated by plot.py at 2017-08-17 03:28:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.38 Mbit/s
95th percentile per-packet one-way delay: 1.357 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.38 Mbit/s
95th percentile per-packet one-way delay: 1.357 ms
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

Start at: 2017-08-16 21:36:34

End at: 2017-08-16 21:37:04

Local clock offset: 1.043 ms

Remote clock offset: -1.08 ms

Below is generated by plot.py at 2017-08-17 03:28:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.36 Mbit/s

95th percentile per-packet one-way delay: 1.373 ms

Loss rate: 0.15%

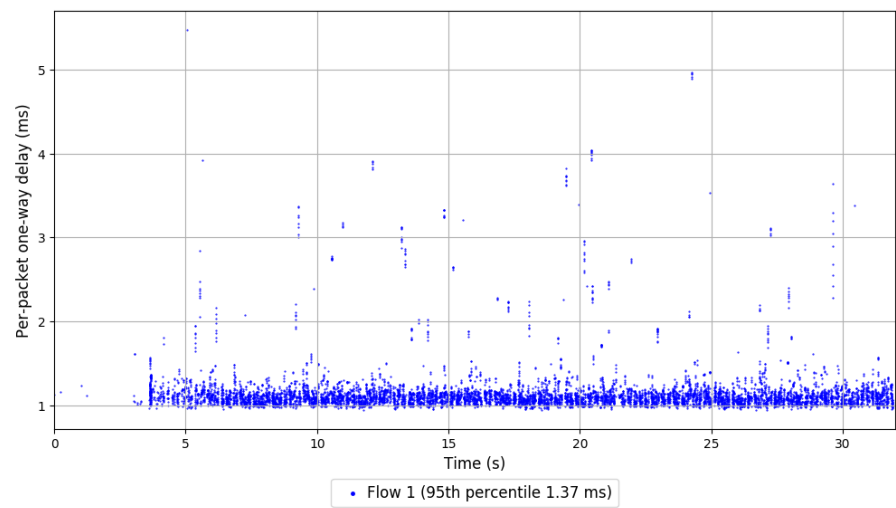
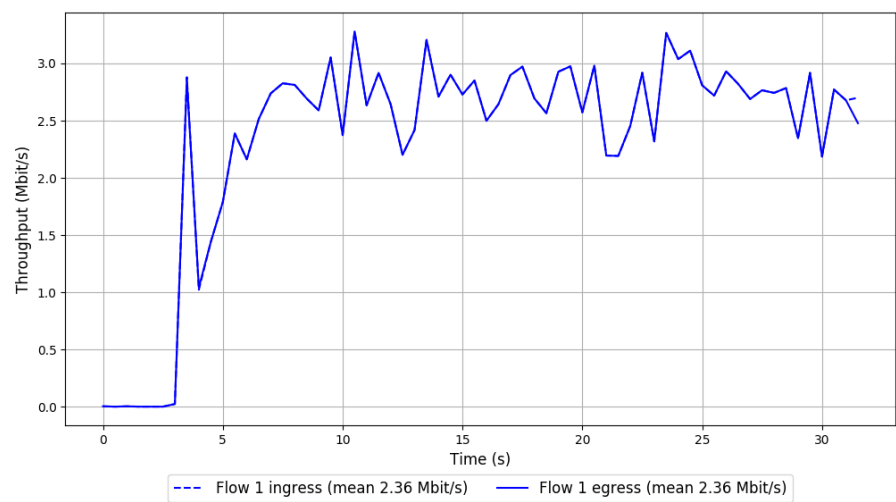
-- Flow 1:

Average throughput: 2.36 Mbit/s

95th percentile per-packet one-way delay: 1.373 ms

Loss rate: 0.15%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2017-08-16 21:57:02

End at: 2017-08-16 21:57:32

Local clock offset: 1.304 ms

Remote clock offset: -1.026 ms

Below is generated by plot.py at 2017-08-17 03:28:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.39 Mbit/s

95th percentile per-packet one-way delay: 1.368 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.39 Mbit/s

95th percentile per-packet one-way delay: 1.368 ms

Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

