

Pantheon Report

Generated at 2017-08-17 01:53:14 (UTC).

Data path: Mexico Ethernet (*remote*) → AWS California 2 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).

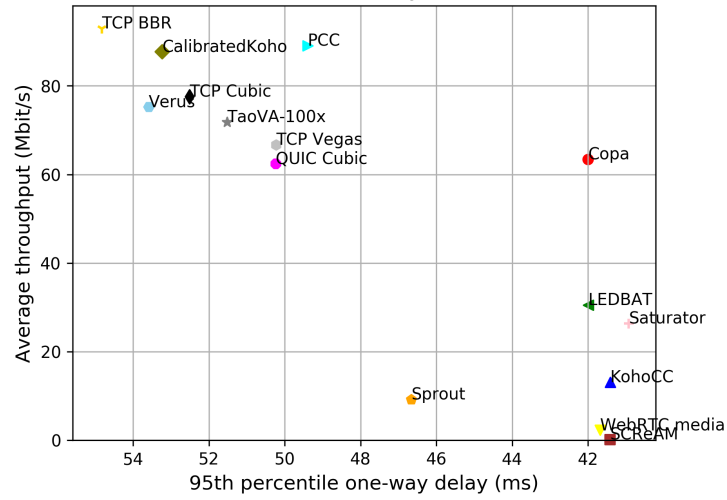
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

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

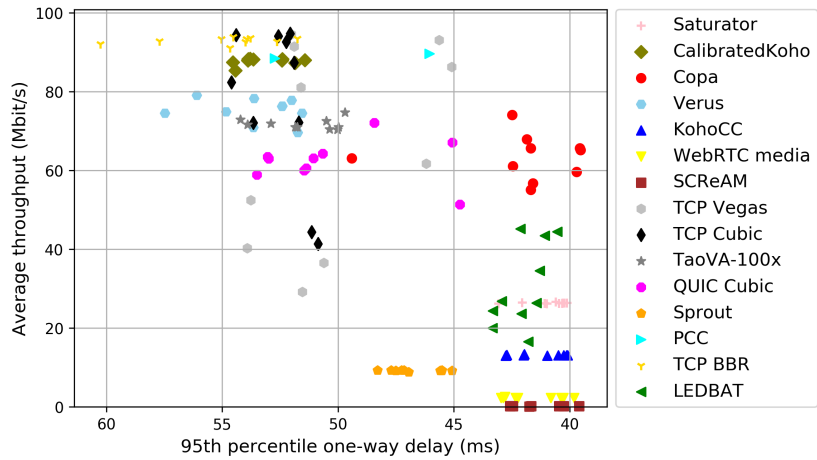
Git summary:

```
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
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 Mexico Ethernet to AWS California 2 Ethernet, 10 runs of 30s each per scheme
(mean of all runs by scheme)



test from Mexico Ethernet to AWS California 2 Ethernet, 10 runs of 30s each per scheme



scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	92.93	54.83	0.46
CalibratedKoho	10	87.70	53.23	0.38
Copa	10	63.43	42.00	0.32
TCP Cubic	10	77.59	52.52	0.39
KohoCC	10	13.12	41.42	0.30
LEDBAT	10	30.56	42.00	0.49
PCC	2	89.06	49.39	0.43
QUIC Cubic	10	62.39	50.24	0.41
Saturator	10	26.35	40.93	0.32
SCReAM	10	0.21	41.42	0.31
Sprout	10	9.20	46.66	0.34
TaoVA-100x	10	71.77	51.52	0.42
TCP Vegas	10	66.69	50.23	0.33
Verus	10	75.27	53.59	0.45
WebRTC media	10	2.31	41.69	0.34

Run 1: Statistics of TCP BBR

Start at: 2017-08-16 18:41:52

End at: 2017-08-16 18:42:22

Local clock offset: 0.766 ms

Remote clock offset: -0.852 ms

Below is generated by plot.py at 2017-08-17 01:43:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.39 Mbit/s

95th percentile per-packet one-way delay: 55.029 ms

Loss rate: 0.47%

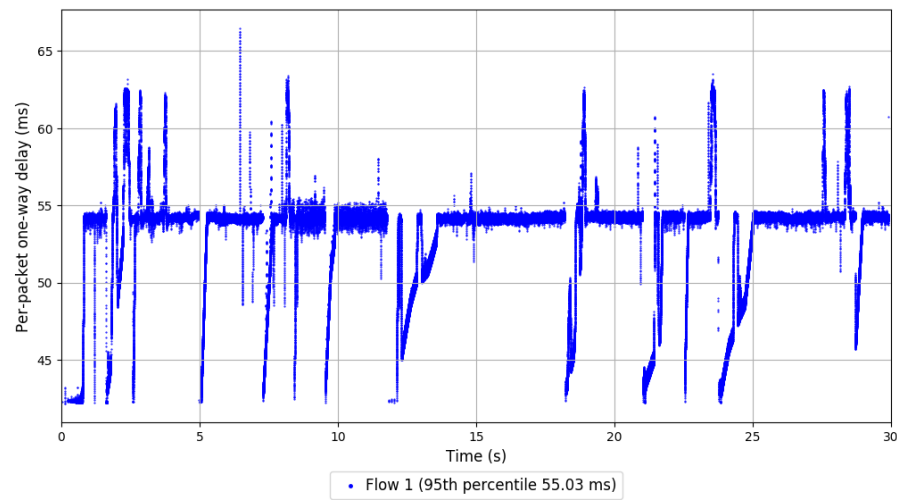
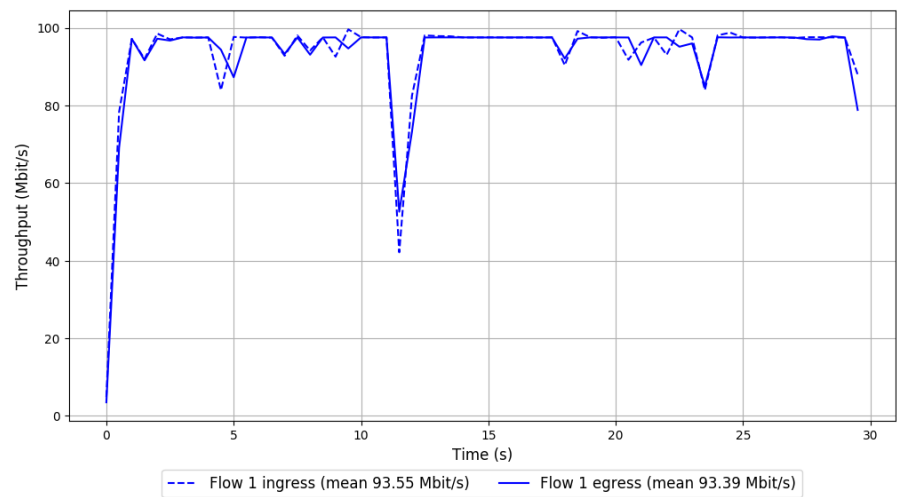
-- Flow 1:

Average throughput: 93.39 Mbit/s

95th percentile per-packet one-way delay: 55.029 ms

Loss rate: 0.47%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2017-08-16 19:02:16

End at: 2017-08-16 19:02:46

Local clock offset: 0.788 ms

Remote clock offset: -0.581 ms

Below is generated by plot.py at 2017-08-17 01:43:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.38 Mbit/s

95th percentile per-packet one-way delay: 53.948 ms

Loss rate: 0.48%

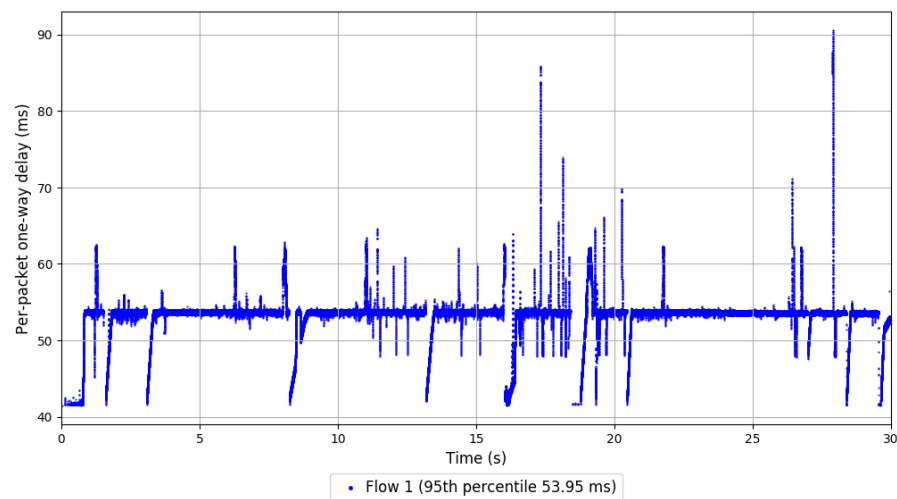
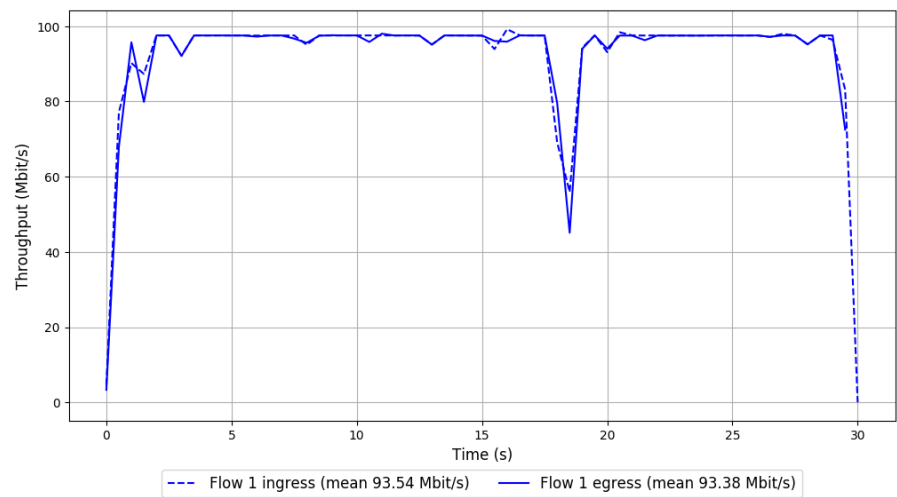
-- Flow 1:

Average throughput: 93.38 Mbit/s

95th percentile per-packet one-way delay: 53.948 ms

Loss rate: 0.48%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2017-08-16 19:22:36

End at: 2017-08-16 19:23:06

Local clock offset: 0.571 ms

Remote clock offset: 1.521 ms

Below is generated by plot.py at 2017-08-17 01:43:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.79 Mbit/s

95th percentile per-packet one-way delay: 52.640 ms

Loss rate: 0.36%

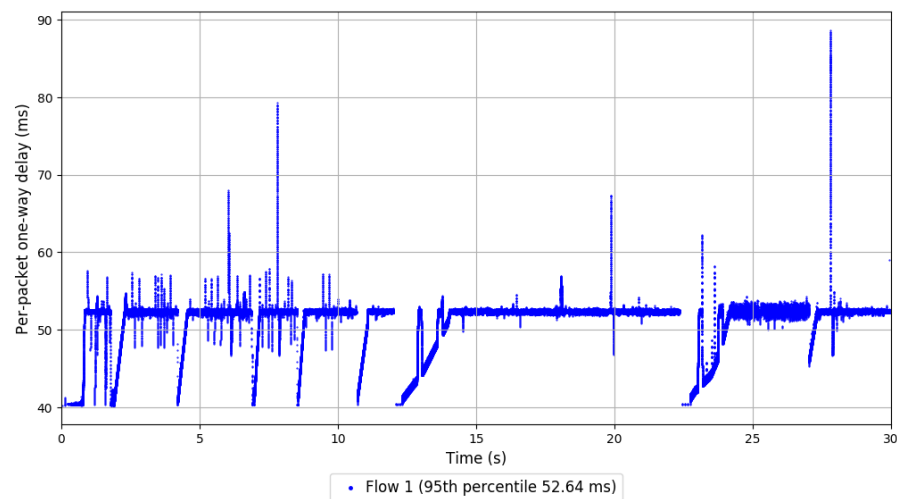
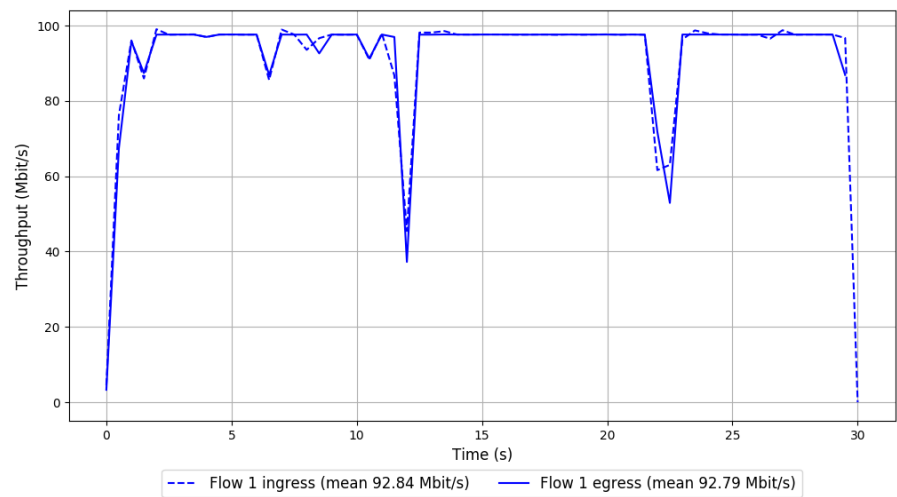
-- Flow 1:

Average throughput: 92.79 Mbit/s

95th percentile per-packet one-way delay: 52.640 ms

Loss rate: 0.36%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2017-08-16 19:42:58

End at: 2017-08-16 19:43:28

Local clock offset: 0.224 ms

Remote clock offset: -0.542 ms

Below is generated by plot.py at 2017-08-17 01:43:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.68 Mbit/s

95th percentile per-packet one-way delay: 53.995 ms

Loss rate: 0.36%

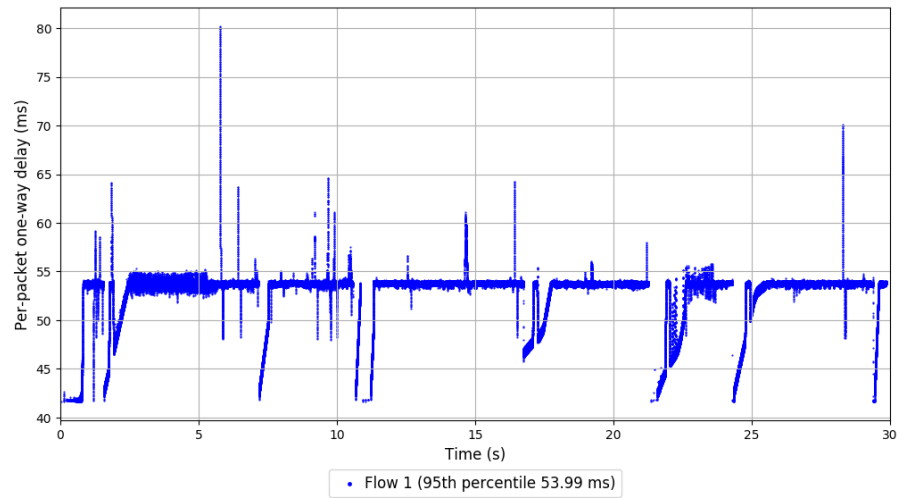
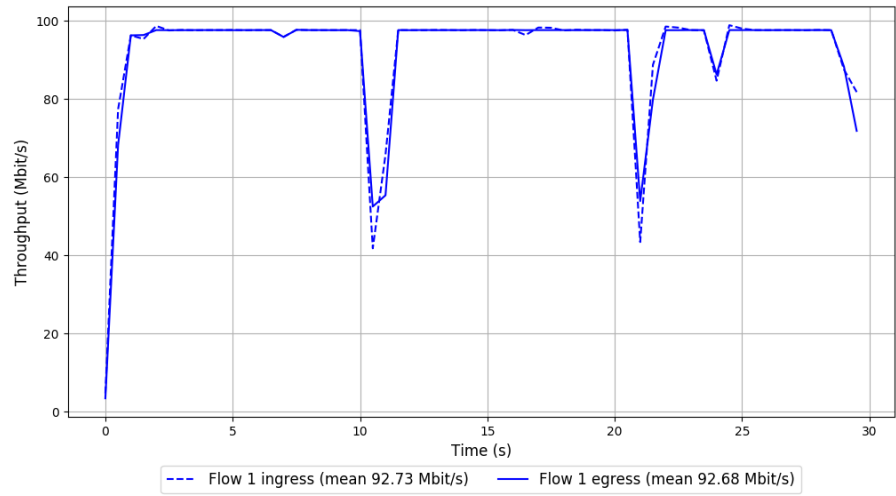
-- Flow 1:

Average throughput: 92.68 Mbit/s

95th percentile per-packet one-way delay: 53.995 ms

Loss rate: 0.36%

Run 4: Report of TCP BBR — Data Link

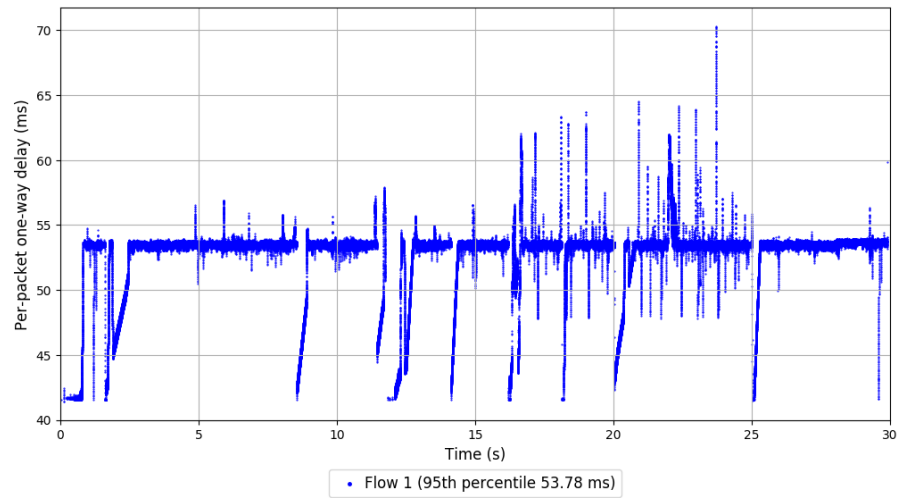
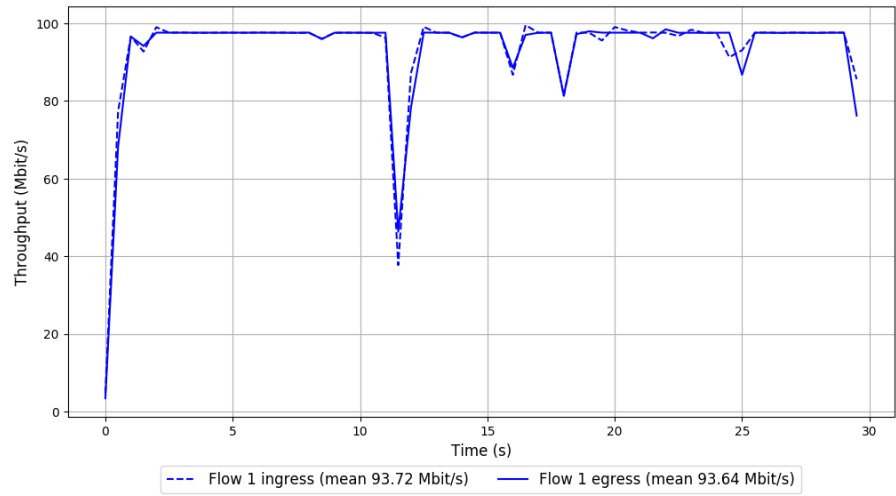


Run 5: Statistics of TCP BBR

Start at: 2017-08-16 20:03:15
End at: 2017-08-16 20:03:45
Local clock offset: 0.122 ms
Remote clock offset: -0.608 ms

Below is generated by plot.py at 2017-08-17 01:44:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.64 Mbit/s
95th percentile per-packet one-way delay: 53.779 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 93.64 Mbit/s
95th percentile per-packet one-way delay: 53.779 ms
Loss rate: 0.38%

Run 5: Report of TCP BBR — Data Link

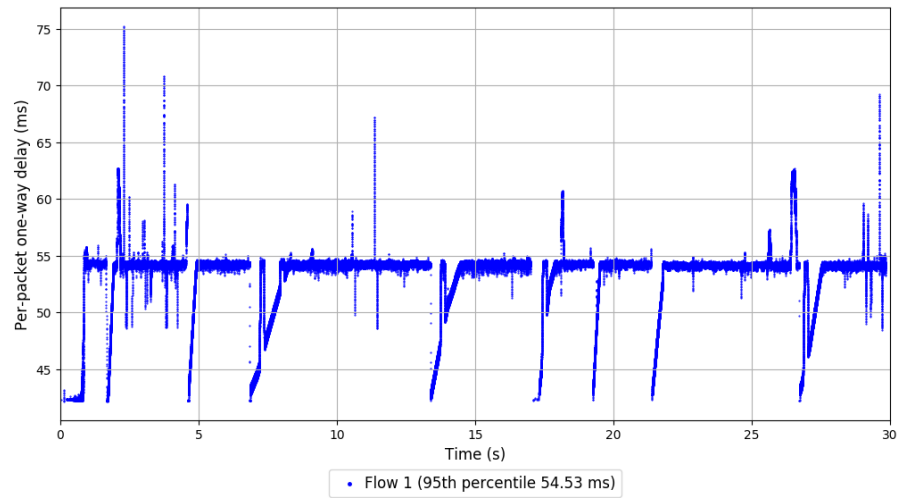
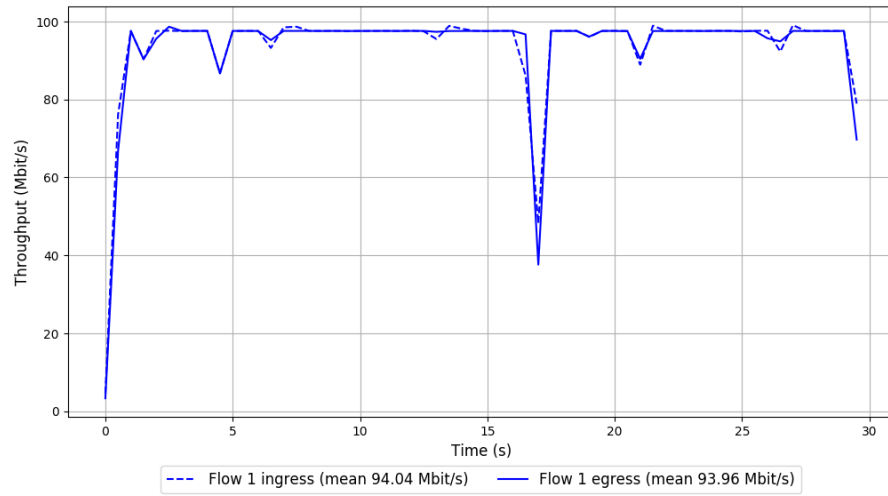


Run 6: Statistics of TCP BBR

Start at: 2017-08-16 20:23:30
End at: 2017-08-16 20:24:00
Local clock offset: 0.044 ms
Remote clock offset: -0.882 ms

Below is generated by plot.py at 2017-08-17 01:44:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.96 Mbit/s
95th percentile per-packet one-way delay: 54.526 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 93.96 Mbit/s
95th percentile per-packet one-way delay: 54.526 ms
Loss rate: 0.38%

Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

Start at: 2017-08-16 20:44:00

End at: 2017-08-16 20:44:30

Local clock offset: 0.027 ms

Remote clock offset: 0.74 ms

Below is generated by plot.py at 2017-08-17 01:44:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.46 Mbit/s

95th percentile per-packet one-way delay: 51.754 ms

Loss rate: 0.36%

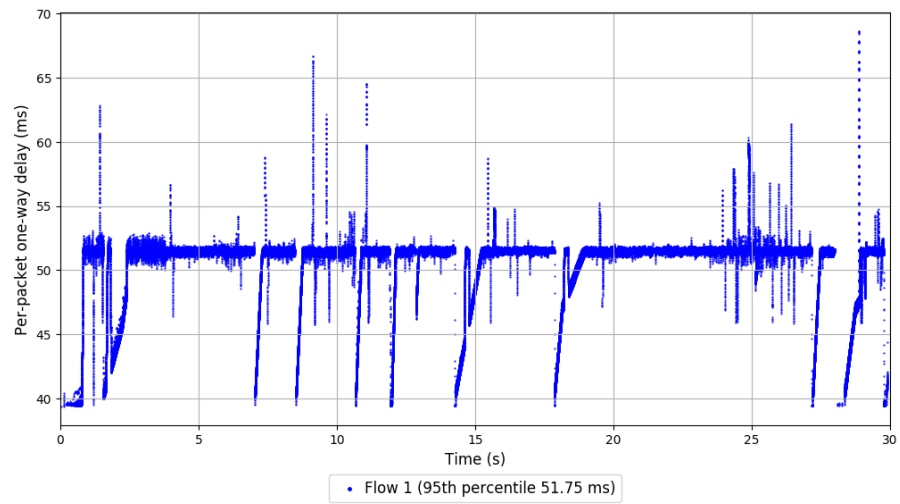
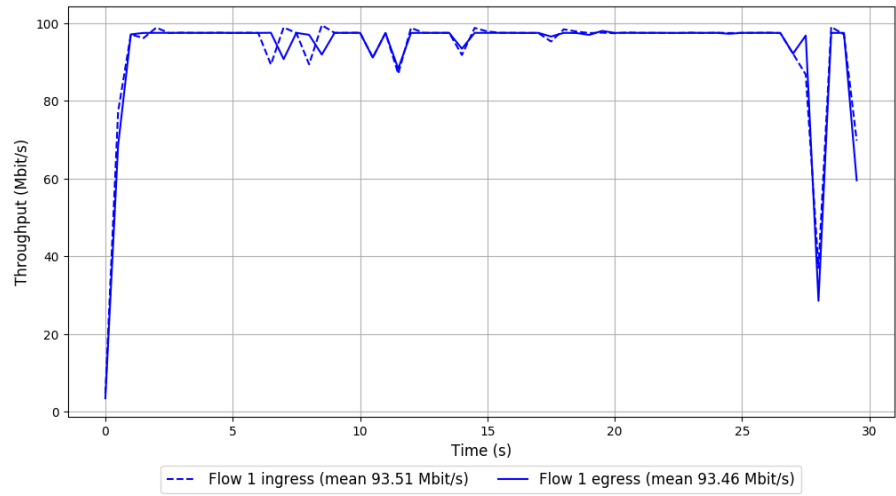
-- Flow 1:

Average throughput: 93.46 Mbit/s

95th percentile per-packet one-way delay: 51.754 ms

Loss rate: 0.36%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: 2017-08-16 21:04:31

End at: 2017-08-16 21:05:01

Local clock offset: -0.114 ms

Remote clock offset: 0.713 ms

Below is generated by plot.py at 2017-08-17 01:44:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.11 Mbit/s

95th percentile per-packet one-way delay: 54.658 ms

Loss rate: 0.50%

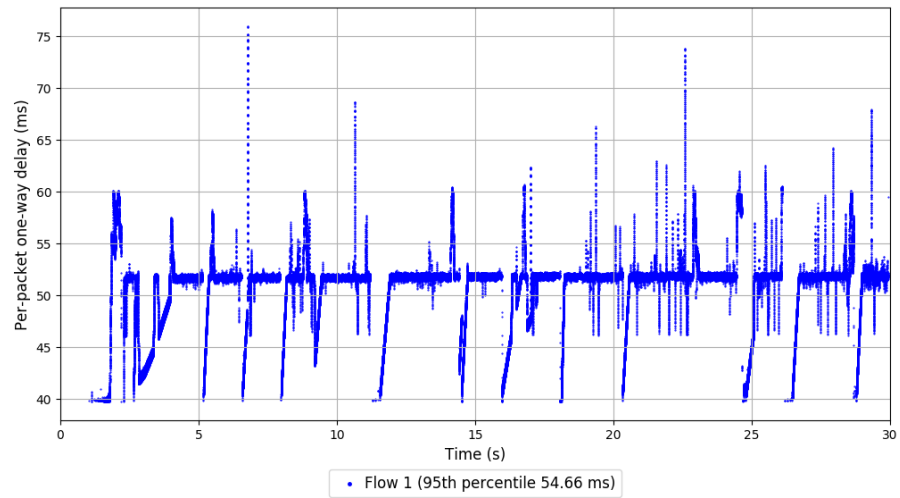
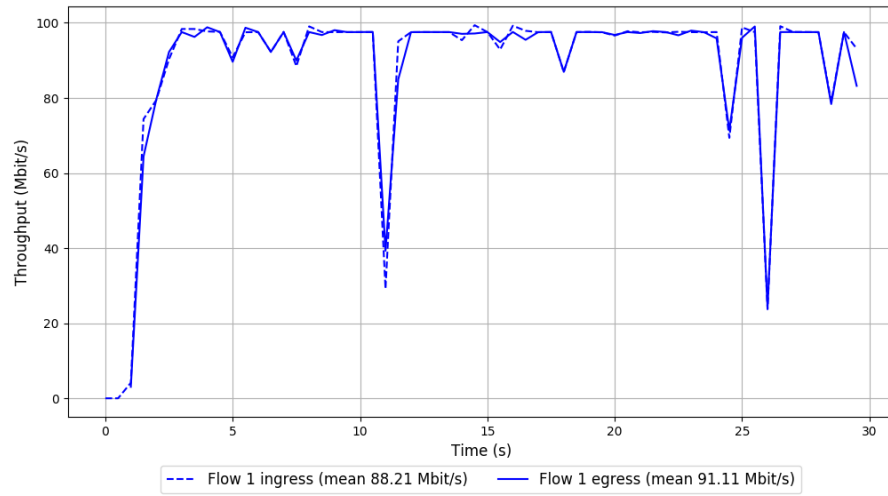
-- Flow 1:

Average throughput: 91.11 Mbit/s

95th percentile per-packet one-way delay: 54.658 ms

Loss rate: 0.50%

Run 8: Report of TCP BBR — Data Link

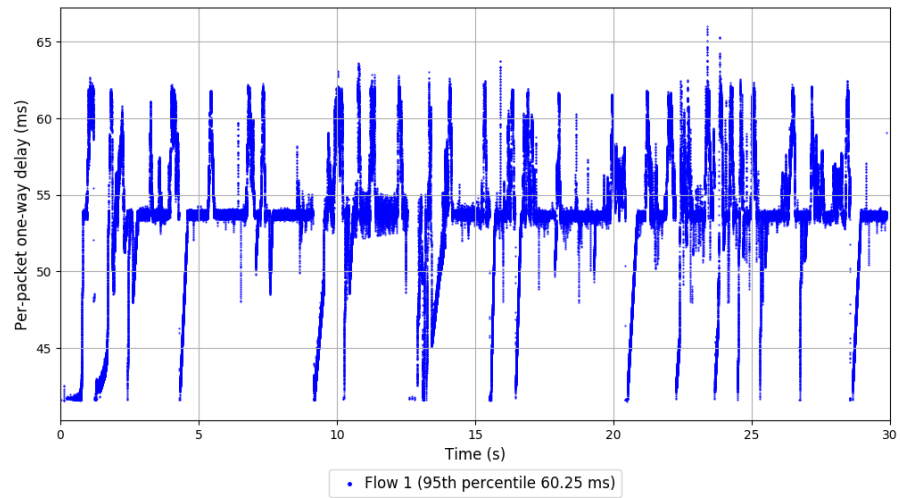
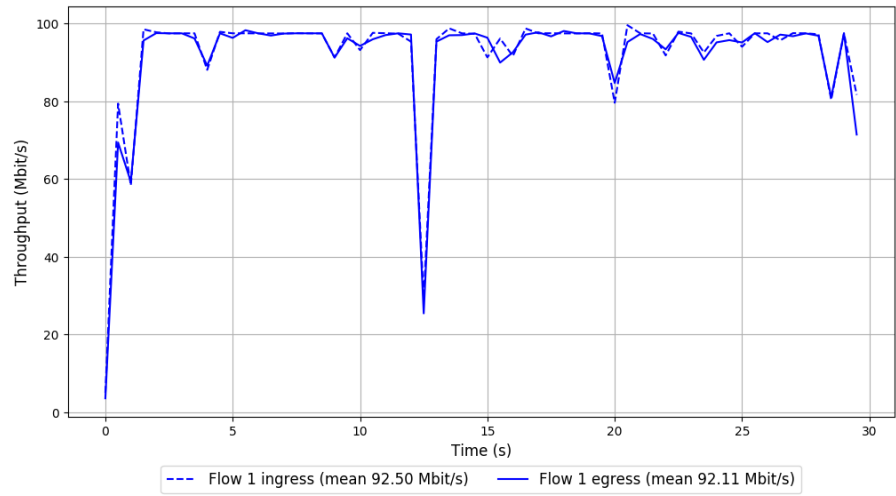


Run 9: Statistics of TCP BBR

Start at: 2017-08-16 21:24:51
End at: 2017-08-16 21:25:21
Local clock offset: -0.421 ms
Remote clock offset: -2.209 ms

Below is generated by plot.py at 2017-08-17 01:44:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.11 Mbit/s
95th percentile per-packet one-way delay: 60.252 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 92.11 Mbit/s
95th percentile per-packet one-way delay: 60.252 ms
Loss rate: 0.74%

Run 9: Report of TCP BBR — Data Link

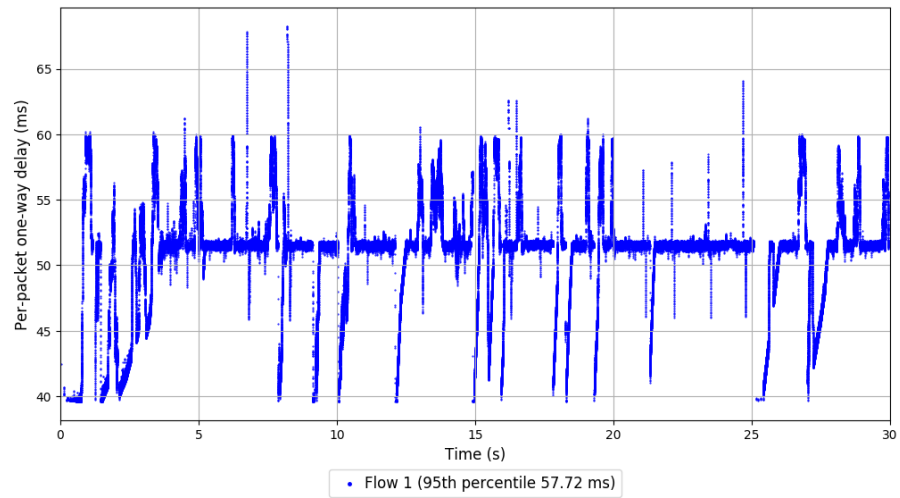
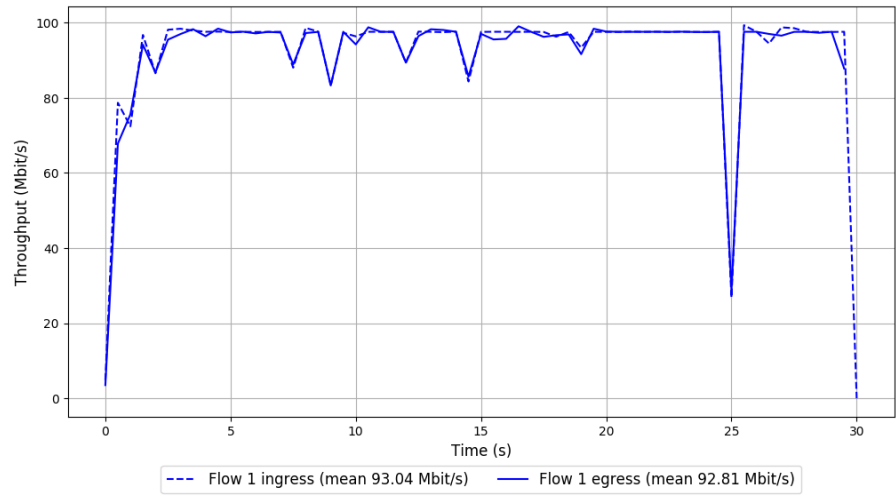


Run 10: Statistics of TCP BBR

Start at: 2017-08-16 21:45:59
End at: 2017-08-16 21:46:29
Local clock offset: -0.42 ms
Remote clock offset: -0.413 ms

Below is generated by plot.py at 2017-08-17 01:44:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.81 Mbit/s
95th percentile per-packet one-way delay: 57.715 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 92.81 Mbit/s
95th percentile per-packet one-way delay: 57.715 ms
Loss rate: 0.57%

Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of CalibratedKoho

Start at: 2017-08-16 18:32:19

End at: 2017-08-16 18:32:49

Local clock offset: 0.731 ms

Remote clock offset: 1.057 ms

Below is generated by plot.py at 2017-08-17 01:44:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.25 Mbit/s

95th percentile per-packet one-way delay: 51.859 ms

Loss rate: 0.45%

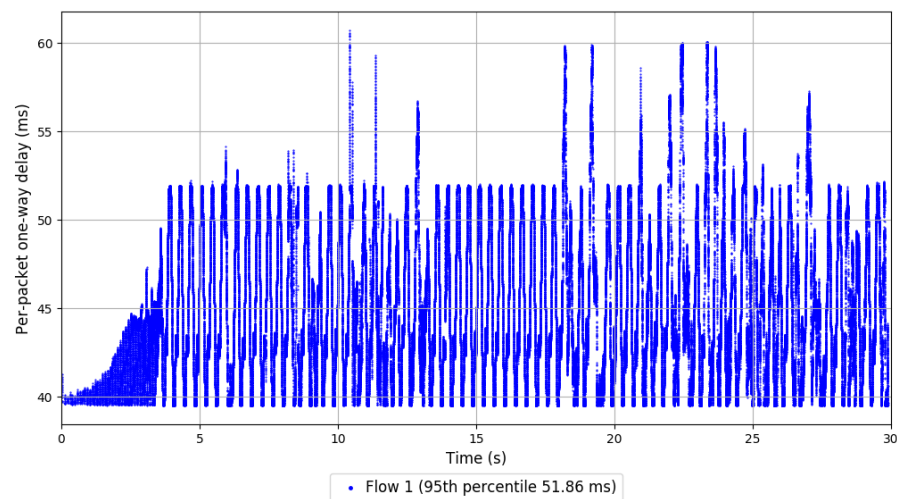
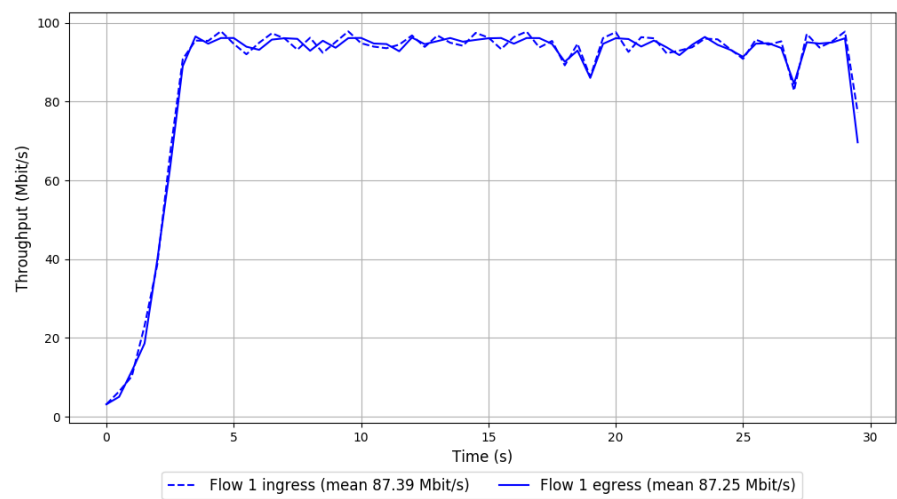
-- Flow 1:

Average throughput: 87.25 Mbit/s

95th percentile per-packet one-way delay: 51.859 ms

Loss rate: 0.45%

Run 1: Report of CalibratedKoho — Data Link



Run 2: Statistics of CalibratedKoho

Start at: 2017-08-16 18:52:32

End at: 2017-08-16 18:53:02

Local clock offset: 0.861 ms

Remote clock offset: 1.165 ms

Below is generated by plot.py at 2017-08-17 01:44:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.90 Mbit/s

95th percentile per-packet one-way delay: 52.422 ms

Loss rate: 0.36%

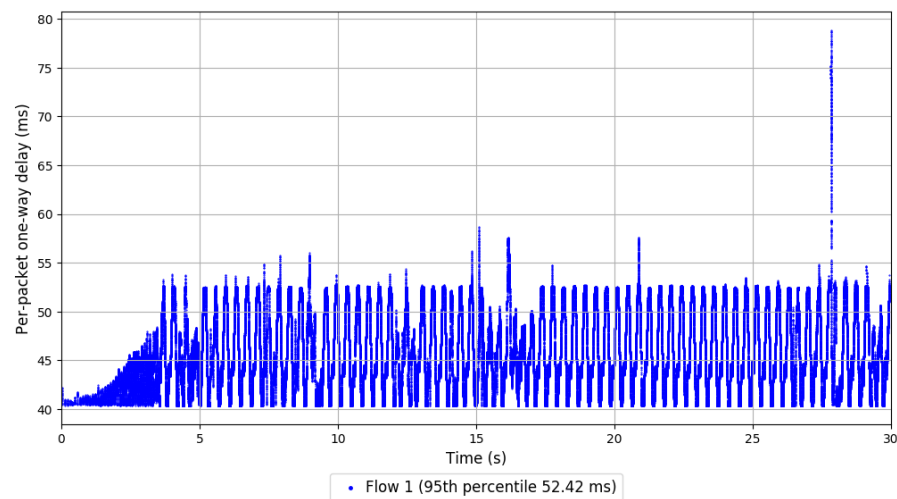
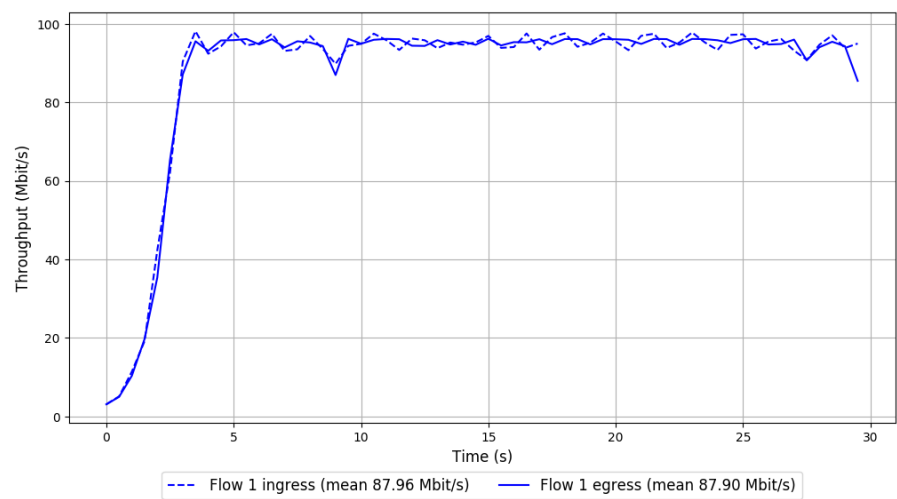
-- Flow 1:

Average throughput: 87.90 Mbit/s

95th percentile per-packet one-way delay: 52.422 ms

Loss rate: 0.36%

Run 2: Report of CalibratedKoho — Data Link

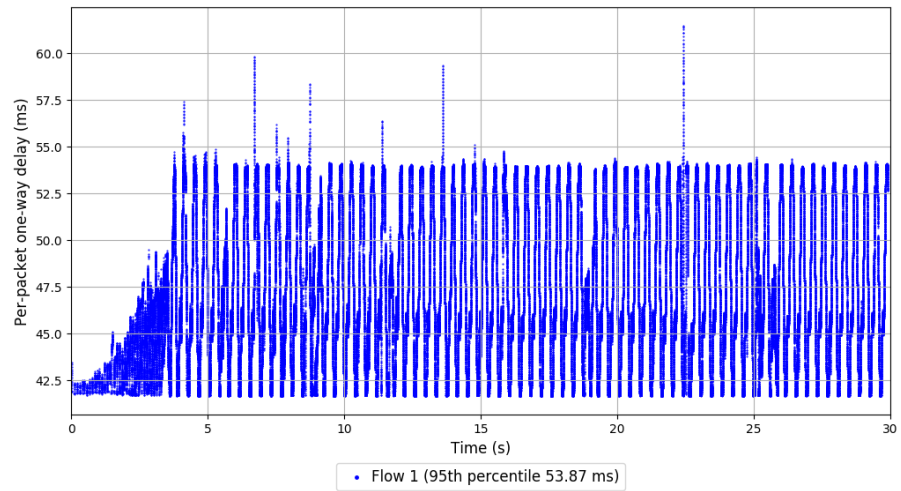
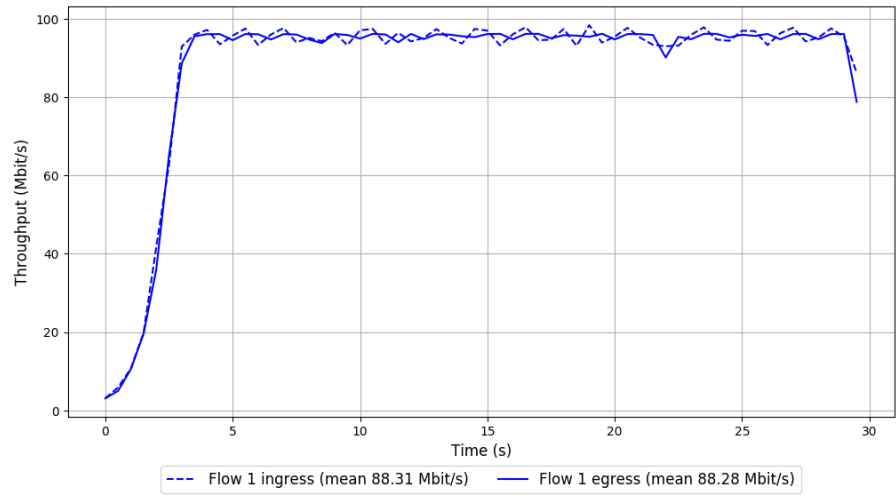


Run 3: Statistics of CalibratedKoho

Start at: 2017-08-16 19:12:58
End at: 2017-08-16 19:13:28
Local clock offset: 0.709 ms
Remote clock offset: -0.513 ms

Below is generated by plot.py at 2017-08-17 01:44:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.28 Mbit/s
95th percentile per-packet one-way delay: 53.872 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 88.28 Mbit/s
95th percentile per-packet one-way delay: 53.872 ms
Loss rate: 0.33%

Run 3: Report of CalibratedKoho — Data Link

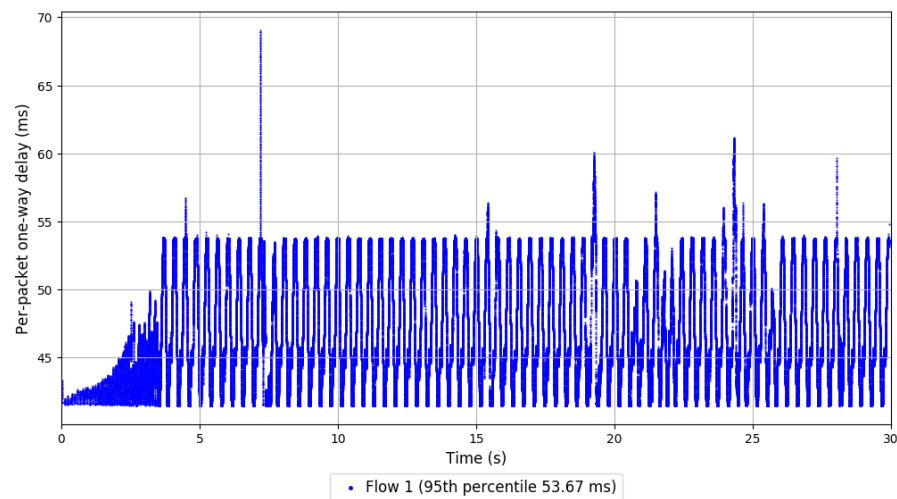
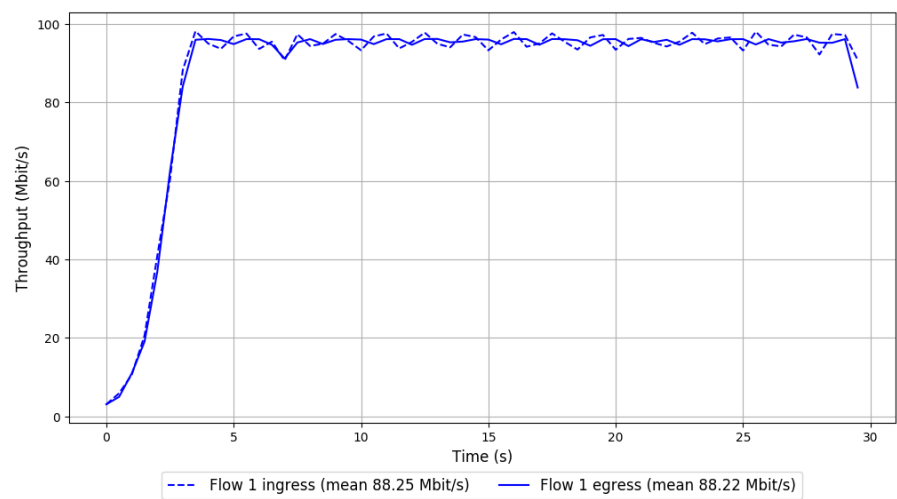


Run 4: Statistics of CalibratedKoho

Start at: 2017-08-16 19:33:25
End at: 2017-08-16 19:33:56
Local clock offset: 0.343 ms
Remote clock offset: -0.439 ms

Below is generated by plot.py at 2017-08-17 01:44:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.22 Mbit/s
95th percentile per-packet one-way delay: 53.667 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 88.22 Mbit/s
95th percentile per-packet one-way delay: 53.667 ms
Loss rate: 0.34%

Run 4: Report of CalibratedKoho — Data Link

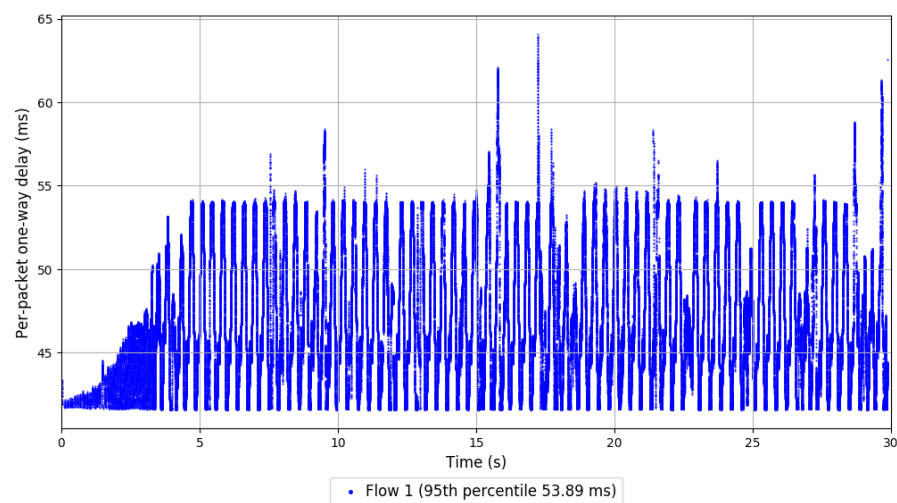
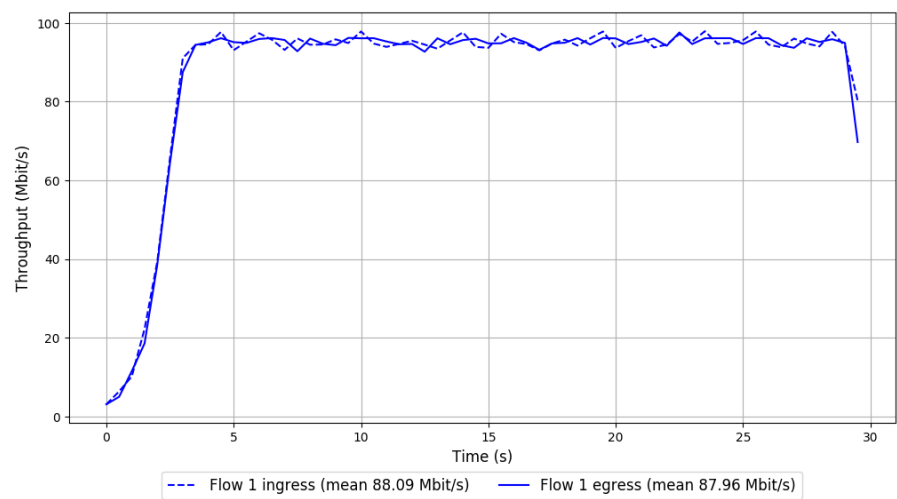


Run 5: Statistics of CalibratedKoho

Start at: 2017-08-16 19:53:42
End at: 2017-08-16 19:54:12
Local clock offset: 0.28 ms
Remote clock offset: -0.531 ms

Below is generated by plot.py at 2017-08-17 01:45:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.96 Mbit/s
95th percentile per-packet one-way delay: 53.892 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 87.96 Mbit/s
95th percentile per-packet one-way delay: 53.892 ms
Loss rate: 0.38%

Run 5: Report of CalibratedKoho — Data Link



Run 6: Statistics of CalibratedKoho

Start at: 2017-08-16 20:13:59

End at: 2017-08-16 20:14:29

Local clock offset: 0.183 ms

Remote clock offset: 1.432 ms

Below is generated by plot.py at 2017-08-17 01:45:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.28 Mbit/s

95th percentile per-packet one-way delay: 52.402 ms

Loss rate: 0.33%

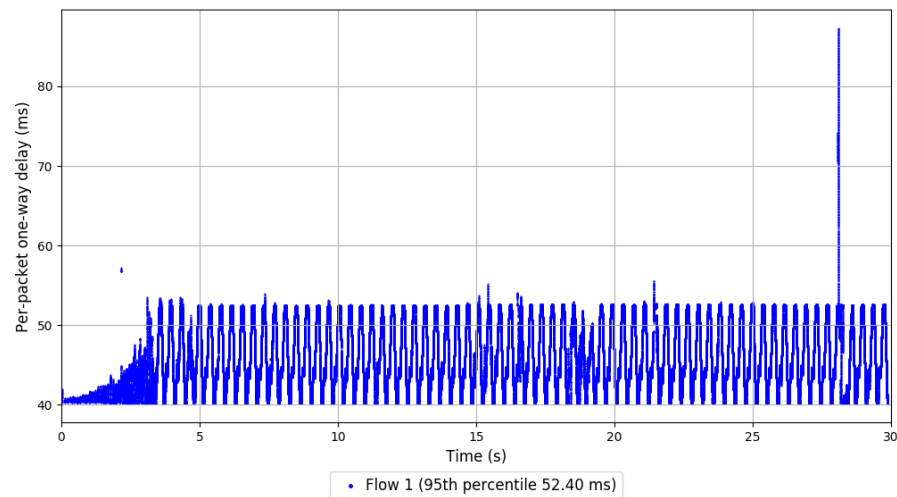
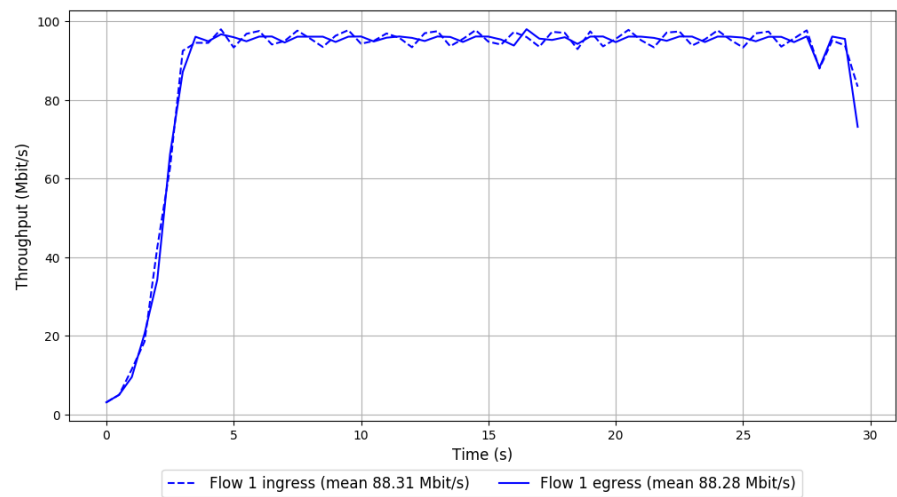
-- Flow 1:

Average throughput: 88.28 Mbit/s

95th percentile per-packet one-way delay: 52.402 ms

Loss rate: 0.33%

Run 6: Report of CalibratedKoho — Data Link

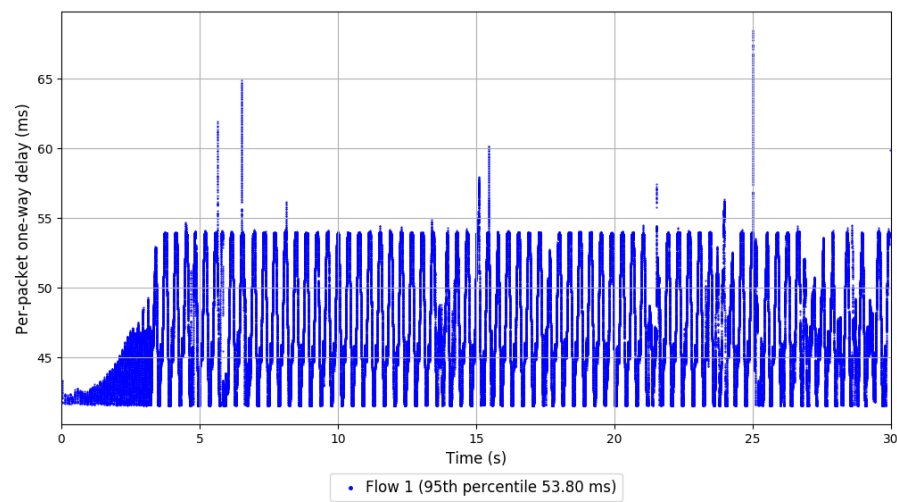
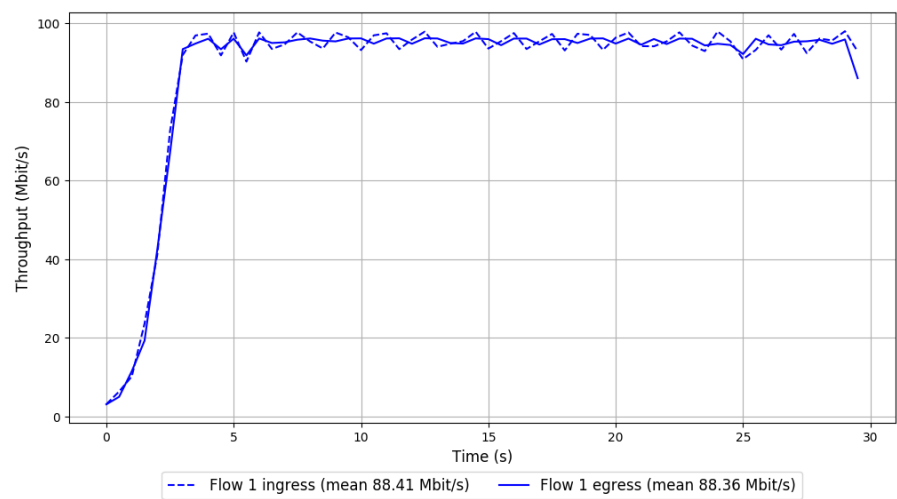


Run 7: Statistics of CalibratedKoho

Start at: 2017-08-16 20:34:25
End at: 2017-08-16 20:34:55
Local clock offset: 0.128 ms
Remote clock offset: -0.905 ms

Below is generated by plot.py at 2017-08-17 01:45:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.36 Mbit/s
95th percentile per-packet one-way delay: 53.803 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 88.36 Mbit/s
95th percentile per-packet one-way delay: 53.803 ms
Loss rate: 0.33%

Run 7: Report of CalibratedKoho — Data Link

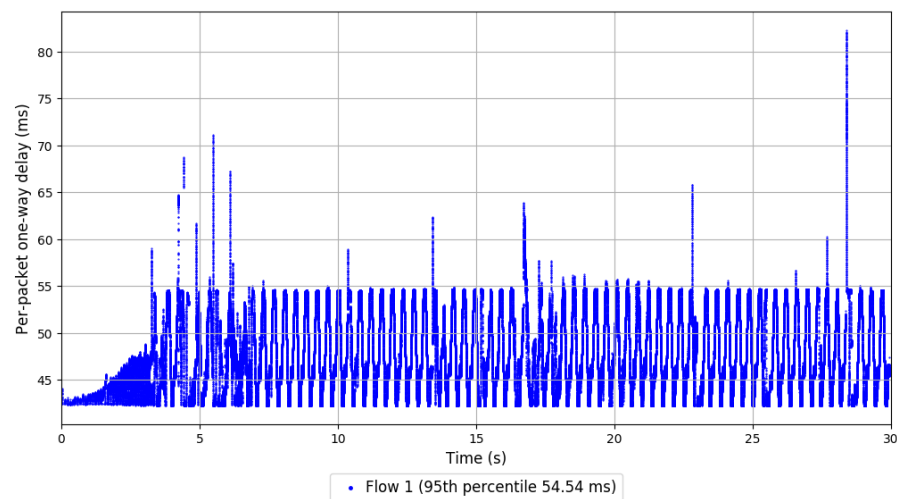
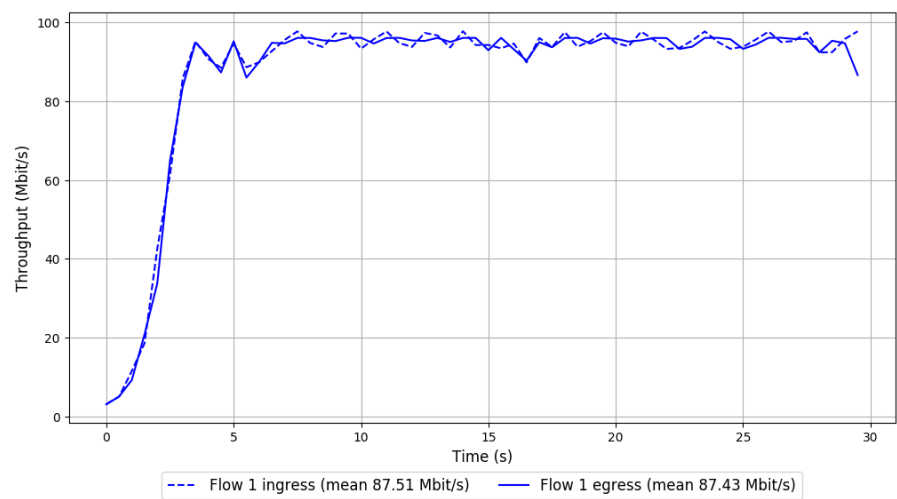


Run 8: Statistics of CalibratedKoho

Start at: 2017-08-16 20:54:43
End at: 2017-08-16 20:55:13
Local clock offset: -0.034 ms
Remote clock offset: -1.647 ms

Below is generated by plot.py at 2017-08-17 01:45:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.43 Mbit/s
95th percentile per-packet one-way delay: 54.544 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 87.43 Mbit/s
95th percentile per-packet one-way delay: 54.544 ms
Loss rate: 0.39%

Run 8: Report of CalibratedKoho — Data Link



Run 9: Statistics of CalibratedKoho

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

End at: 2017-08-16 21:15:52

Local clock offset: -0.401 ms

Remote clock offset: 0.067 ms

Below is generated by plot.py at 2017-08-17 01:45:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.99 Mbit/s

95th percentile per-packet one-way delay: 51.433 ms

Loss rate: 0.38%

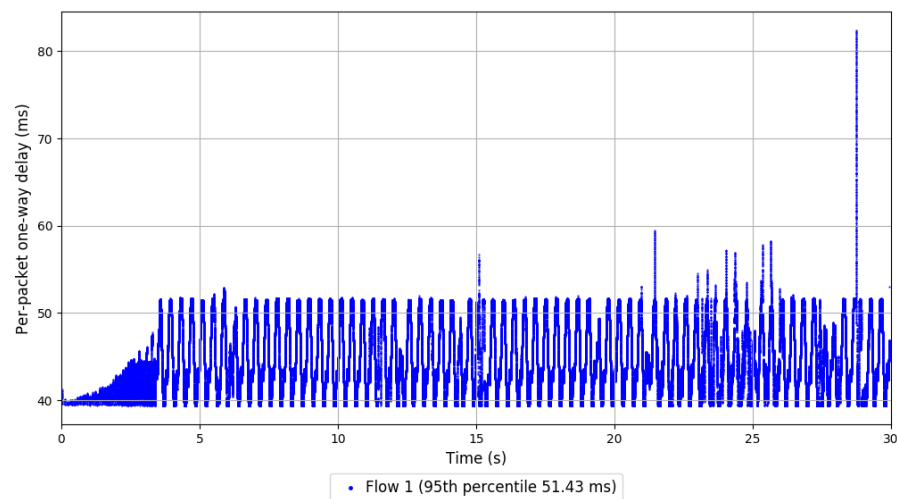
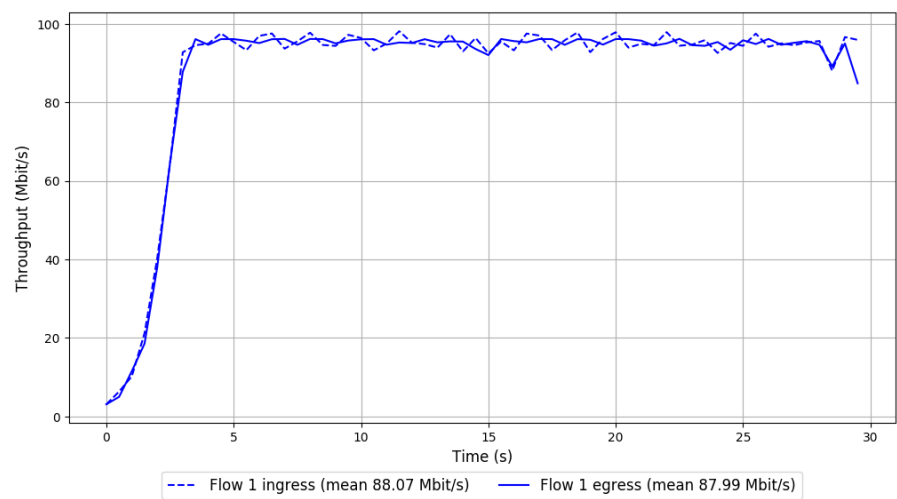
-- Flow 1:

Average throughput: 87.99 Mbit/s

95th percentile per-packet one-way delay: 51.433 ms

Loss rate: 0.38%

Run 9: Report of CalibratedKoho — Data Link

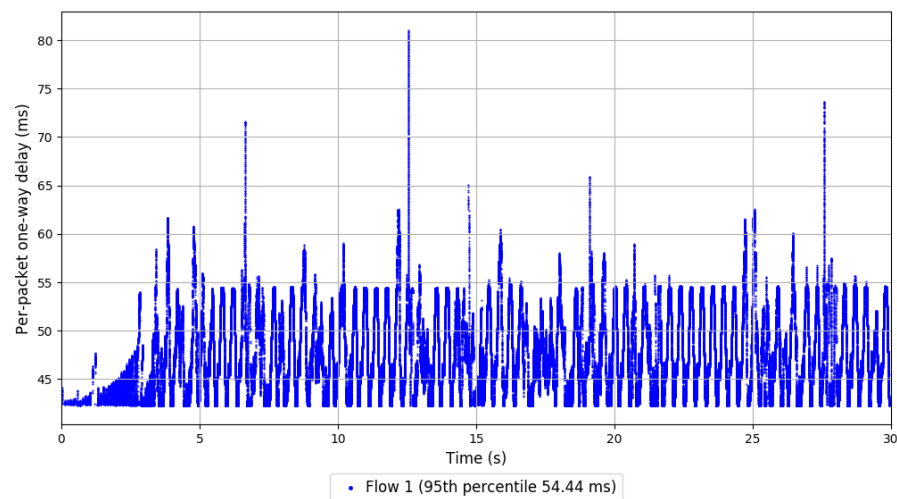
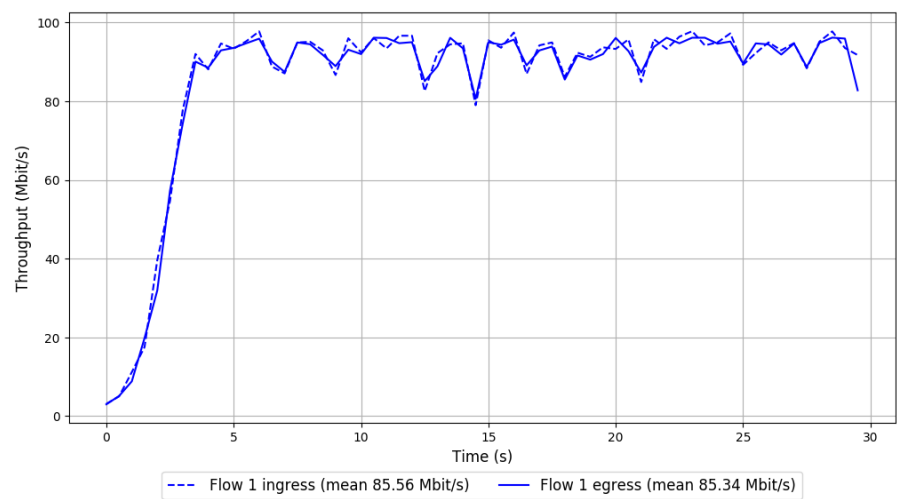


Run 10: Statistics of CalibratedKoho

Start at: 2017-08-16 21:35:45
End at: 2017-08-16 21:36:15
Local clock offset: -0.495 ms
Remote clock offset: -2.161 ms

Below is generated by plot.py at 2017-08-17 01:45:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 85.34 Mbit/s
95th percentile per-packet one-way delay: 54.437 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 85.34 Mbit/s
95th percentile per-packet one-way delay: 54.437 ms
Loss rate: 0.55%

Run 10: Report of CalibratedKoho — Data Link



Run 1: Statistics of Copa

Start at: 2017-08-16 18:40:28

End at: 2017-08-16 18:40:58

Local clock offset: 0.741 ms

Remote clock offset: 1.69 ms

Below is generated by plot.py at 2017-08-17 01:45:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 65.19 Mbit/s

95th percentile per-packet one-way delay: 39.541 ms

Loss rate: 0.36%

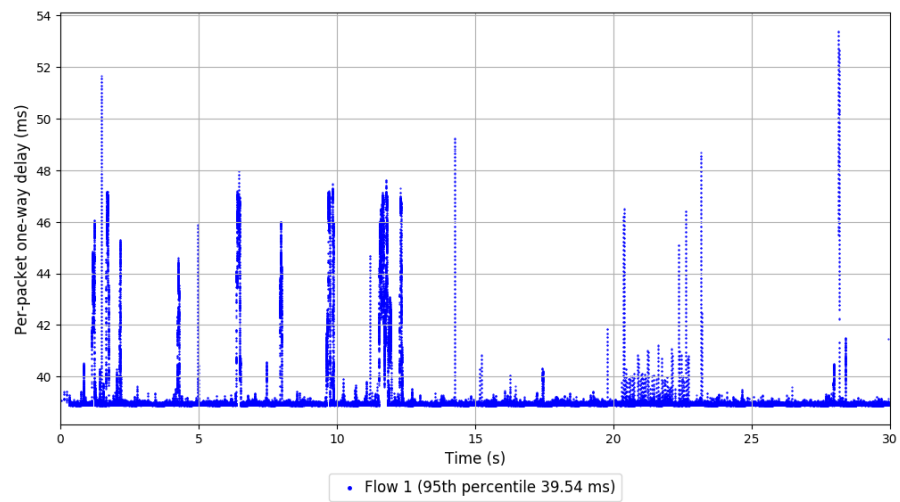
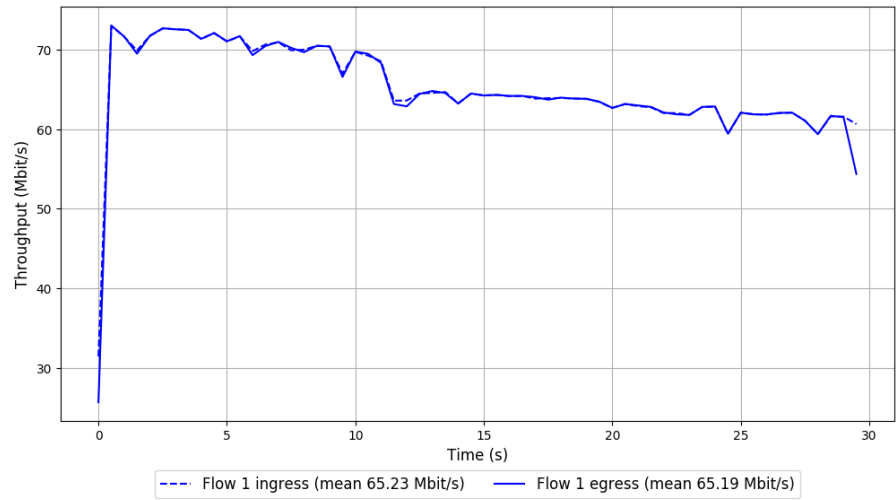
-- Flow 1:

Average throughput: 65.19 Mbit/s

95th percentile per-packet one-way delay: 39.541 ms

Loss rate: 0.36%

Run 1: Report of Copa — Data Link

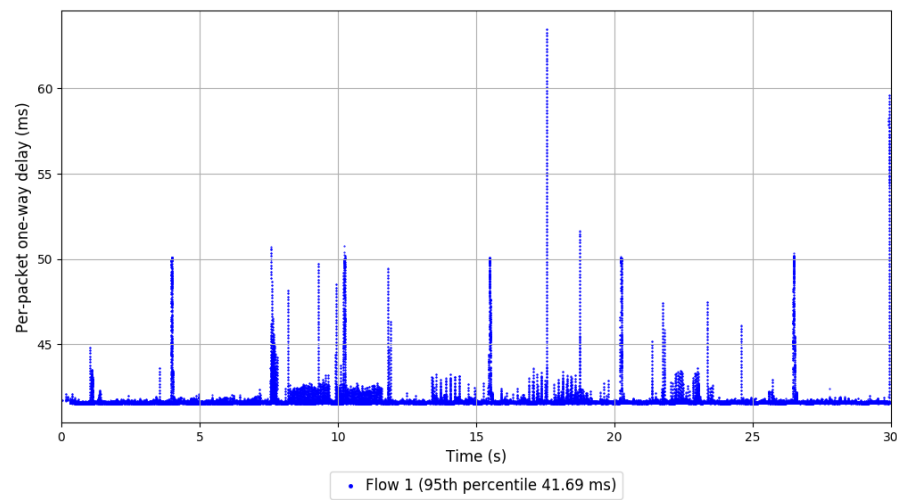
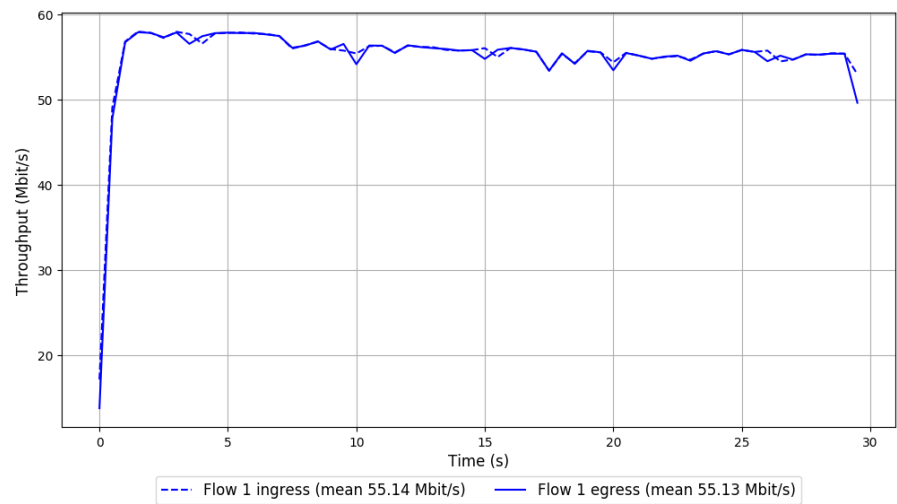


Run 2: Statistics of Copa

Start at: 2017-08-16 19:00:52
End at: 2017-08-16 19:01:22
Local clock offset: 0.737 ms
Remote clock offset: -0.654 ms

Below is generated by plot.py at 2017-08-17 01:45:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 55.13 Mbit/s
95th percentile per-packet one-way delay: 41.691 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 55.13 Mbit/s
95th percentile per-packet one-way delay: 41.691 ms
Loss rate: 0.33%

Run 2: Report of Copa — Data Link

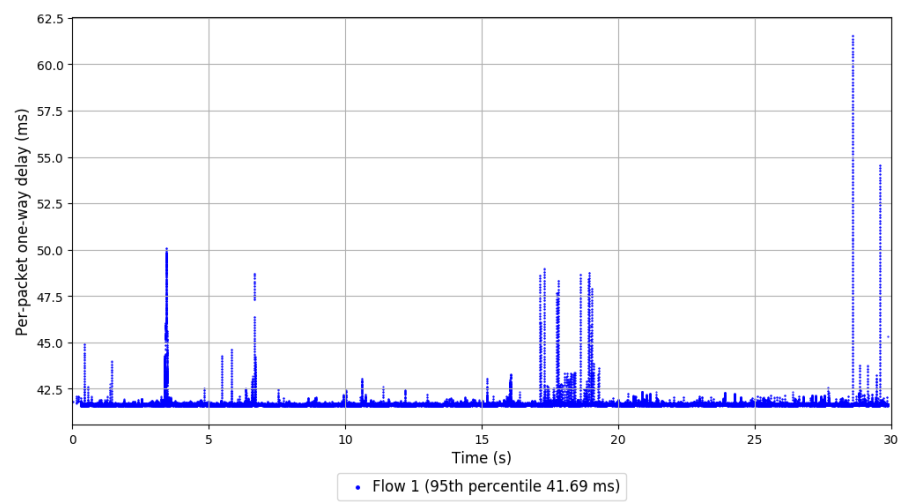
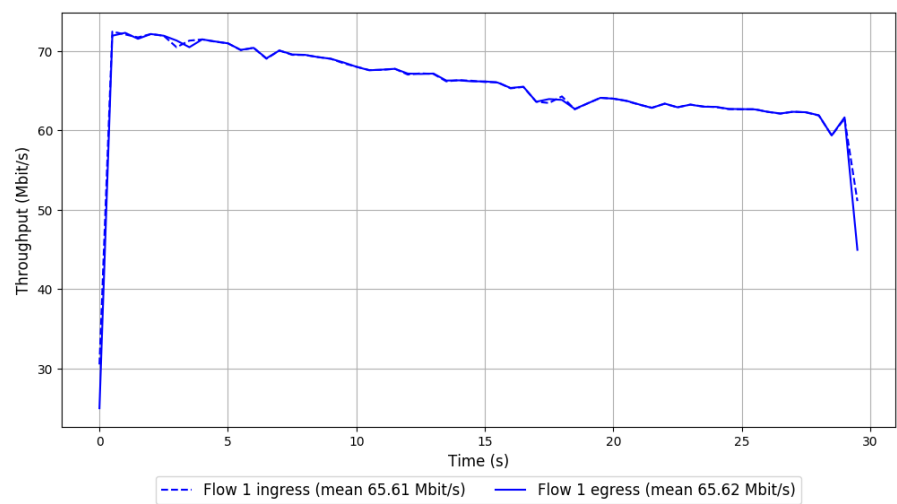


Run 3: Statistics of Copa

Start at: 2017-08-16 19:21:11
End at: 2017-08-16 19:21:41
Local clock offset: 0.631 ms
Remote clock offset: -0.464 ms

Below is generated by plot.py at 2017-08-17 01:46:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 65.62 Mbit/s
95th percentile per-packet one-way delay: 41.691 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 65.62 Mbit/s
95th percentile per-packet one-way delay: 41.691 ms
Loss rate: 0.29%

Run 3: Report of Copa — Data Link

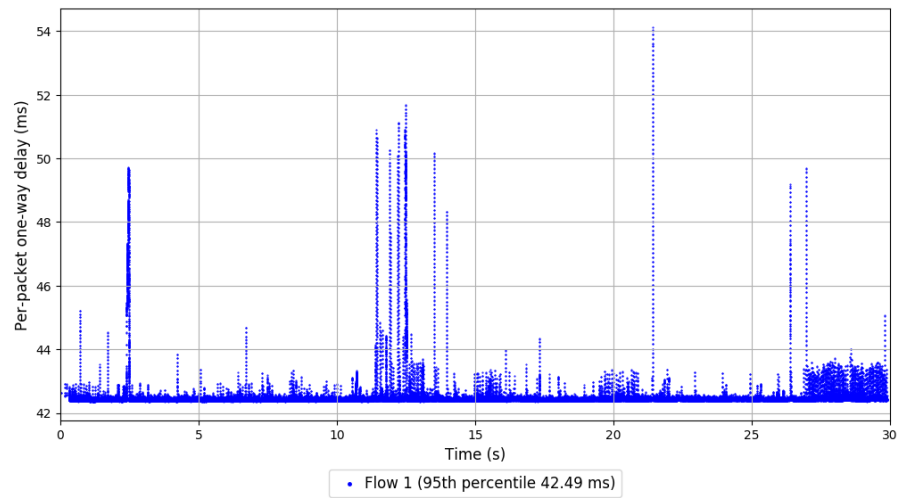
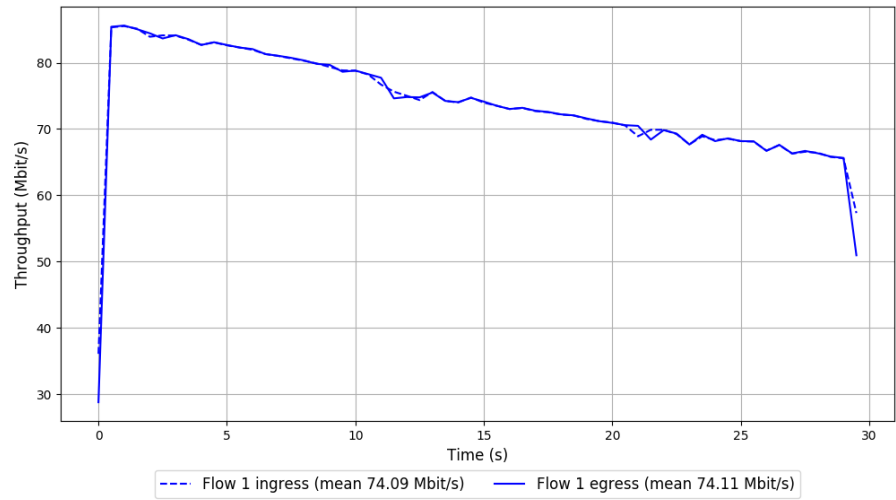


Run 4: Statistics of Copa

Start at: 2017-08-16 19:41:33
End at: 2017-08-16 19:42:03
Local clock offset: 0.334 ms
Remote clock offset: -0.476 ms

Below is generated by plot.py at 2017-08-17 01:46:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.11 Mbit/s
95th percentile per-packet one-way delay: 42.489 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 74.11 Mbit/s
95th percentile per-packet one-way delay: 42.489 ms
Loss rate: 0.27%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: 2017-08-16 20:01:51

End at: 2017-08-16 20:02:21

Local clock offset: 0.121 ms

Remote clock offset: 1.98 ms

Below is generated by plot.py at 2017-08-17 01:46:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 59.67 Mbit/s

95th percentile per-packet one-way delay: 39.702 ms

Loss rate: 0.31%

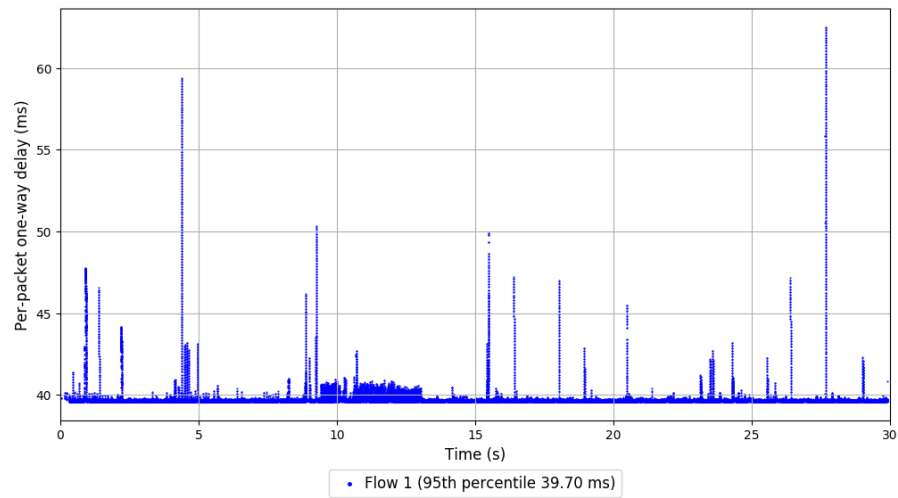
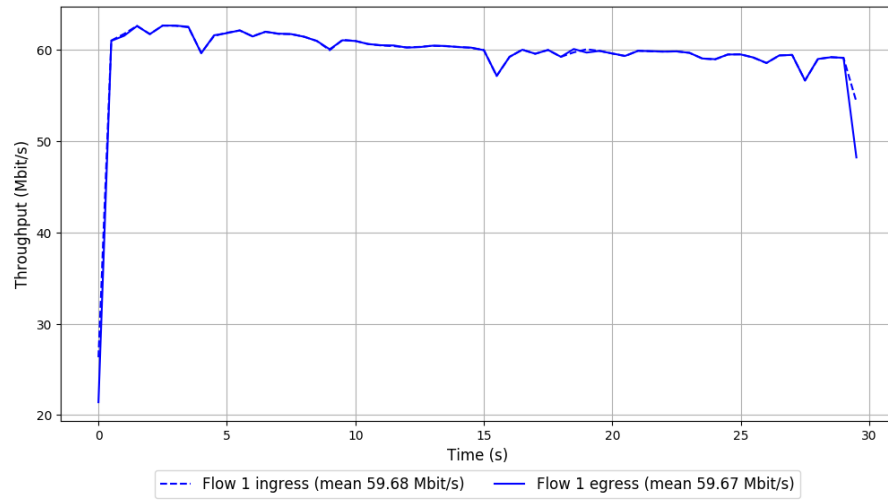
-- Flow 1:

Average throughput: 59.67 Mbit/s

95th percentile per-packet one-way delay: 39.702 ms

Loss rate: 0.31%

Run 5: Report of Copa — Data Link

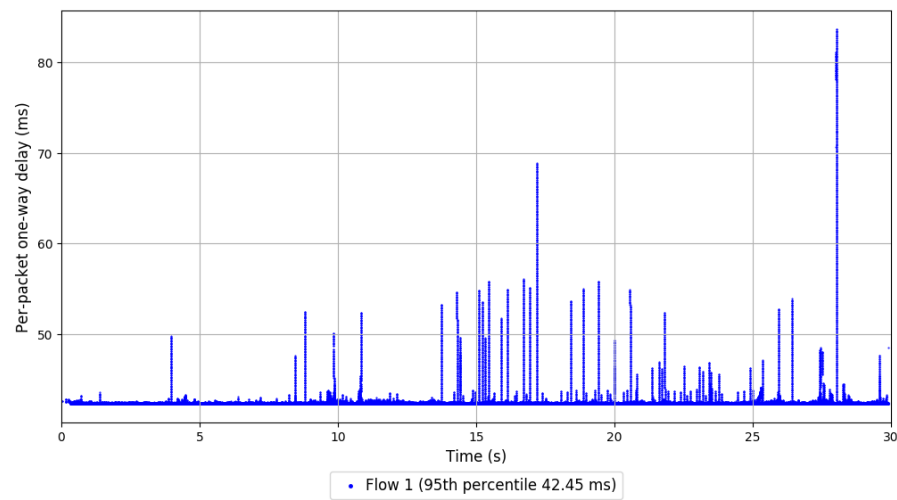
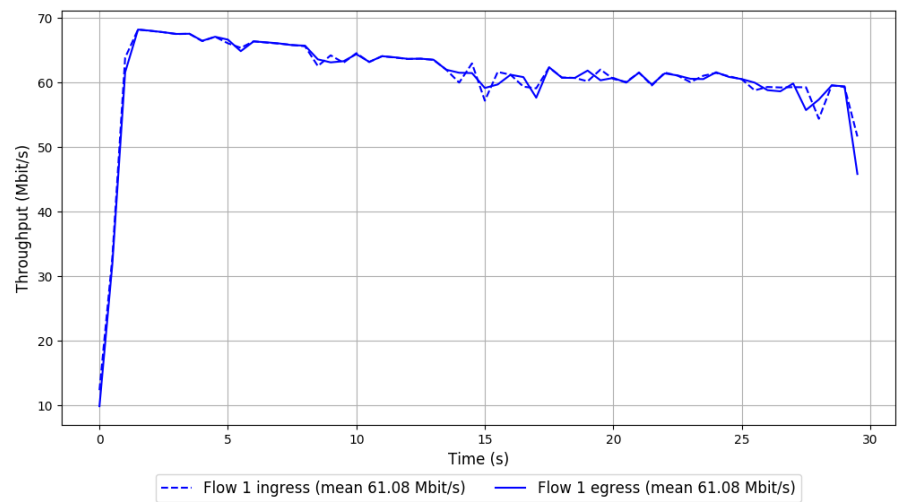


Run 6: Statistics of Copa

Start at: 2017-08-16 20:22:06
End at: 2017-08-16 20:22:36
Local clock offset: 0.084 ms
Remote clock offset: -0.922 ms

Below is generated by plot.py at 2017-08-17 01:46:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 61.08 Mbit/s
95th percentile per-packet one-way delay: 42.454 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 61.08 Mbit/s
95th percentile per-packet one-way delay: 42.454 ms
Loss rate: 0.29%

Run 6: Report of Copa — Data Link

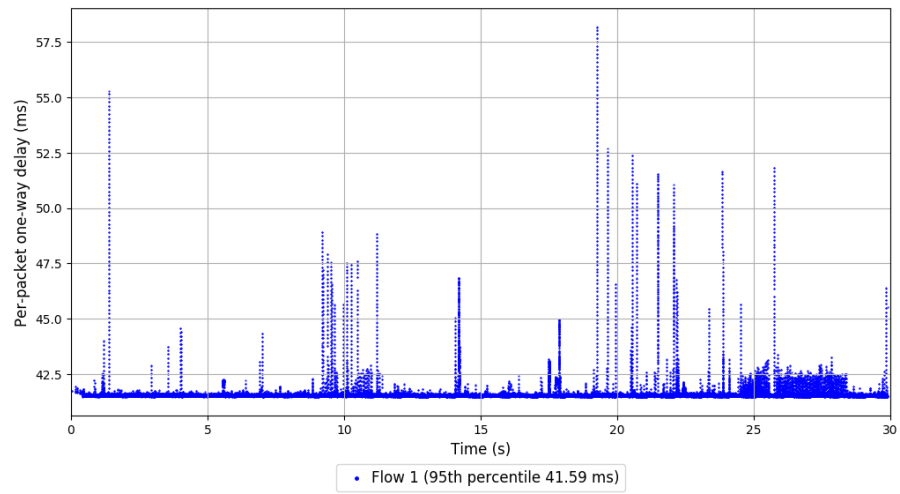
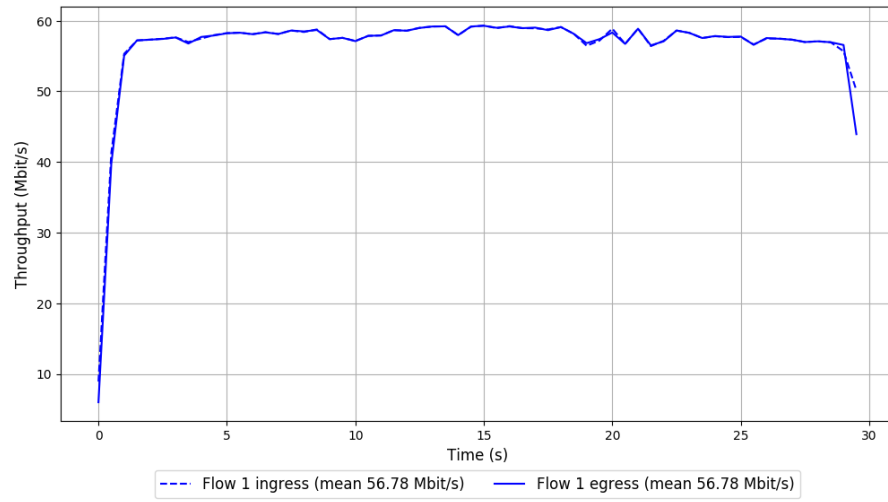


Run 7: Statistics of Copa

Start at: 2017-08-16 20:42:36
End at: 2017-08-16 20:43:06
Local clock offset: 0.055 ms
Remote clock offset: -1.161 ms

Below is generated by plot.py at 2017-08-17 01:46:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 56.78 Mbit/s
95th percentile per-packet one-way delay: 41.588 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 56.78 Mbit/s
95th percentile per-packet one-way delay: 41.588 ms
Loss rate: 0.30%

Run 7: Report of Copa — Data Link

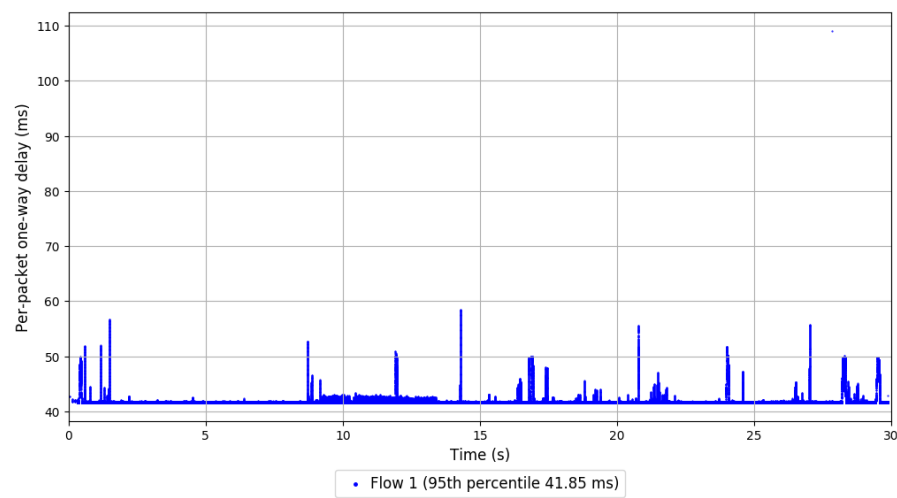
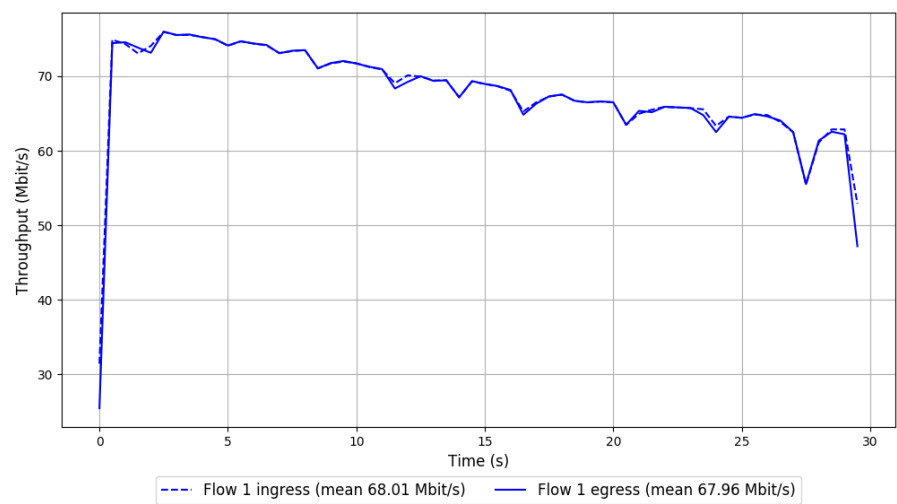


Run 8: Statistics of Copa

Start at: 2017-08-16 21:02:51
End at: 2017-08-16 21:03:21
Local clock offset: -0.153 ms
Remote clock offset: -1.888 ms

Below is generated by plot.py at 2017-08-17 01:46:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 67.96 Mbit/s
95th percentile per-packet one-way delay: 41.849 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 67.96 Mbit/s
95th percentile per-packet one-way delay: 41.849 ms
Loss rate: 0.38%

Run 8: Report of Copa — Data Link

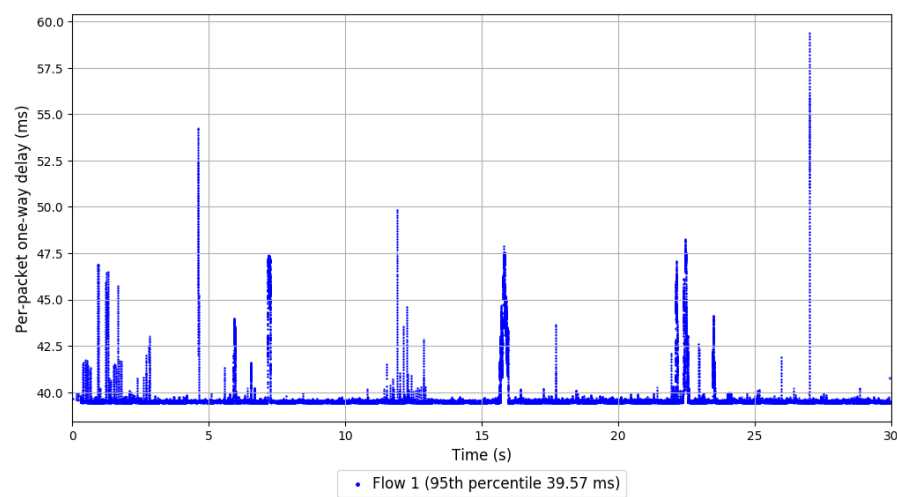
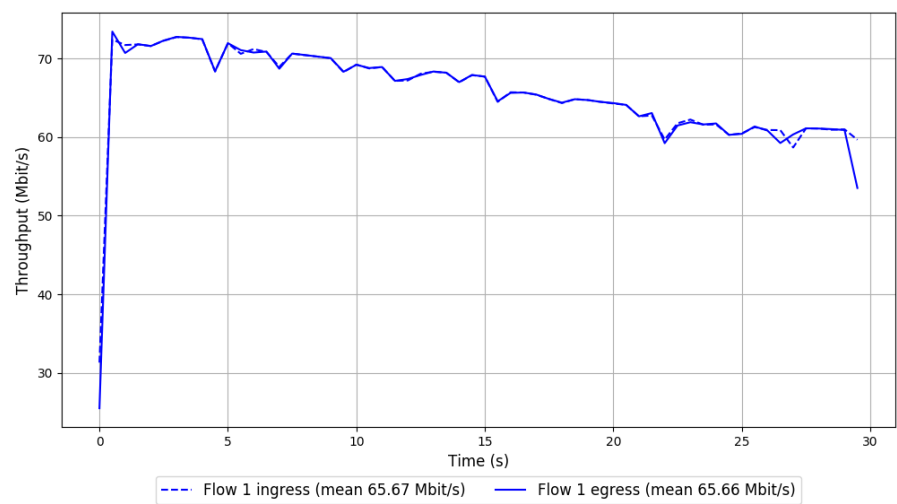


Run 9: Statistics of Copa

Start at: 2017-08-16 21:23:27
End at: 2017-08-16 21:23:57
Local clock offset: -0.488 ms
Remote clock offset: -0.052 ms

Below is generated by plot.py at 2017-08-17 01:46:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 65.66 Mbit/s
95th percentile per-packet one-way delay: 39.571 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 65.66 Mbit/s
95th percentile per-packet one-way delay: 39.571 ms
Loss rate: 0.31%

Run 9: Report of Copa — Data Link

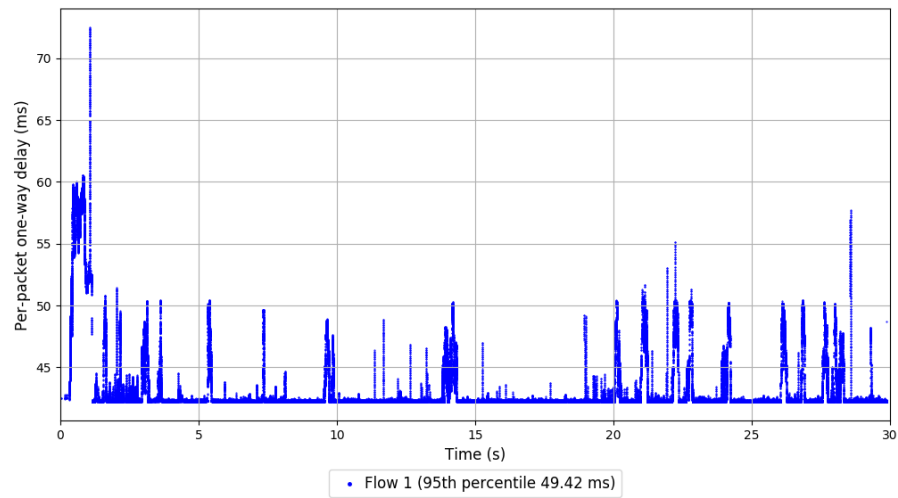
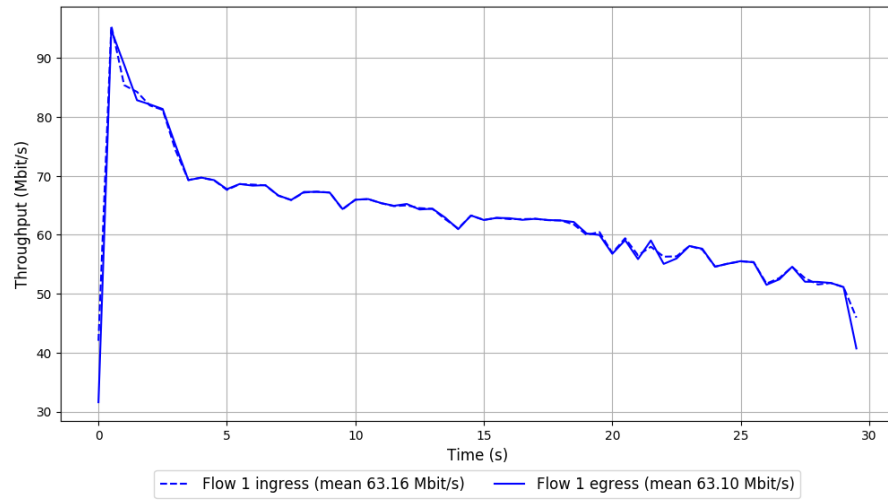


Run 10: Statistics of Copa

Start at: 2017-08-16 21:44:18
End at: 2017-08-16 21:44:48
Local clock offset: -0.53 ms
Remote clock offset: -2.323 ms

Below is generated by plot.py at 2017-08-17 01:46:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 63.10 Mbit/s
95th percentile per-packet one-way delay: 49.417 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 63.10 Mbit/s
95th percentile per-packet one-way delay: 49.417 ms
Loss rate: 0.39%

Run 10: Report of Copa — Data Link

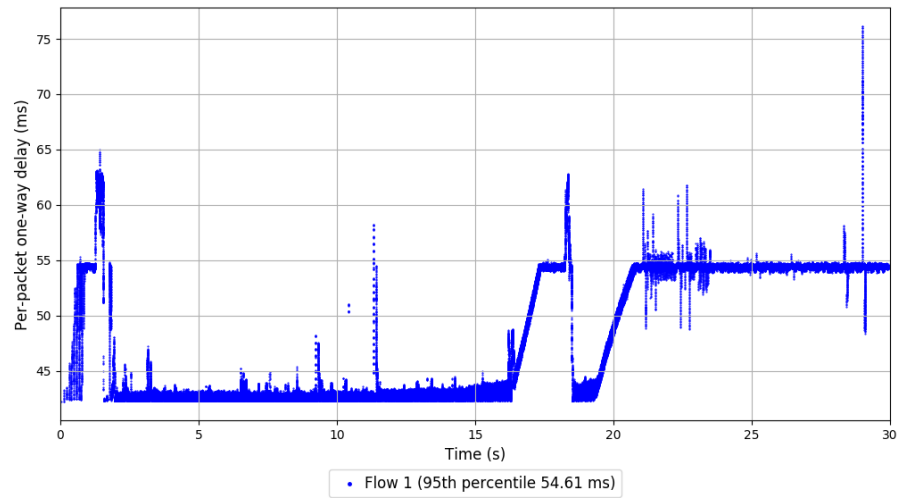
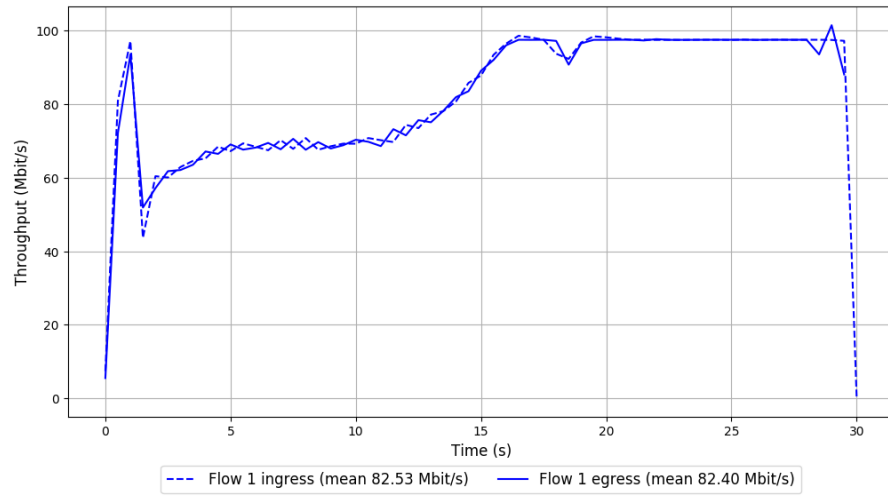


Run 1: Statistics of TCP Cubic

Start at: 2017-08-16 18:36:21
End at: 2017-08-16 18:36:51
Local clock offset: 0.767 ms
Remote clock offset: -0.993 ms

Below is generated by plot.py at 2017-08-17 01:46:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.40 Mbit/s
95th percentile per-packet one-way delay: 54.611 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 82.40 Mbit/s
95th percentile per-packet one-way delay: 54.611 ms
Loss rate: 0.47%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: 2017-08-16 18:56:36

End at: 2017-08-16 18:57:06

Local clock offset: 0.828 ms

Remote clock offset: 1.263 ms

Below is generated by plot.py at 2017-08-17 01:46:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.35 Mbit/s

95th percentile per-packet one-way delay: 51.893 ms

Loss rate: 0.36%

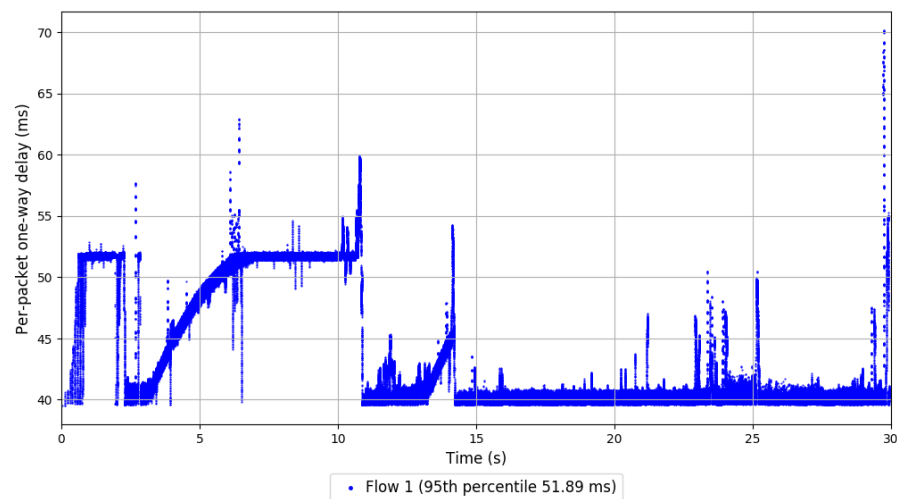
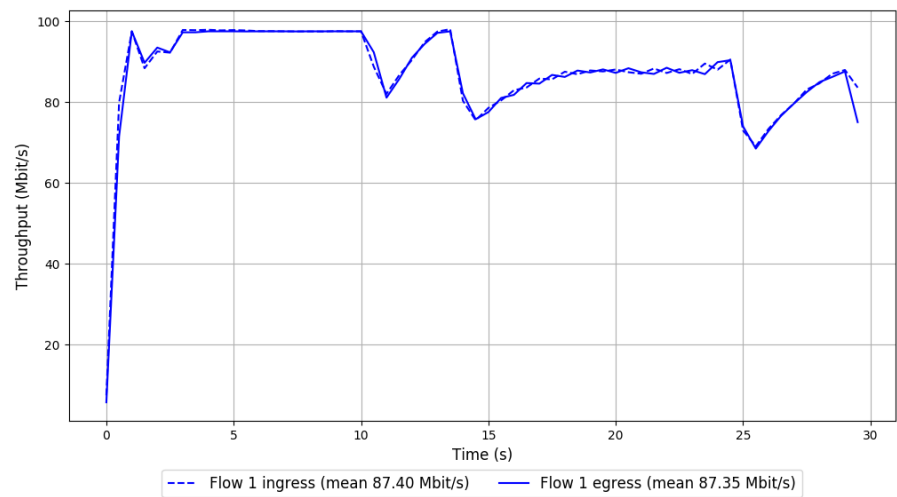
-- Flow 1:

Average throughput: 87.35 Mbit/s

95th percentile per-packet one-way delay: 51.893 ms

Loss rate: 0.36%

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: 2017-08-16 19:17:02

End at: 2017-08-16 19:17:32

Local clock offset: 0.578 ms

Remote clock offset: -0.38 ms

Below is generated by plot.py at 2017-08-17 01:47:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 72.07 Mbit/s

95th percentile per-packet one-way delay: 53.662 ms

Loss rate: 0.39%

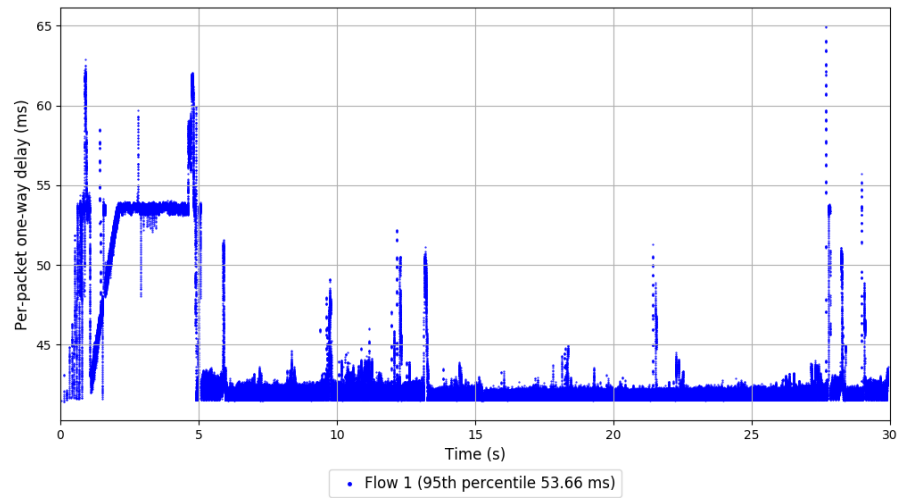
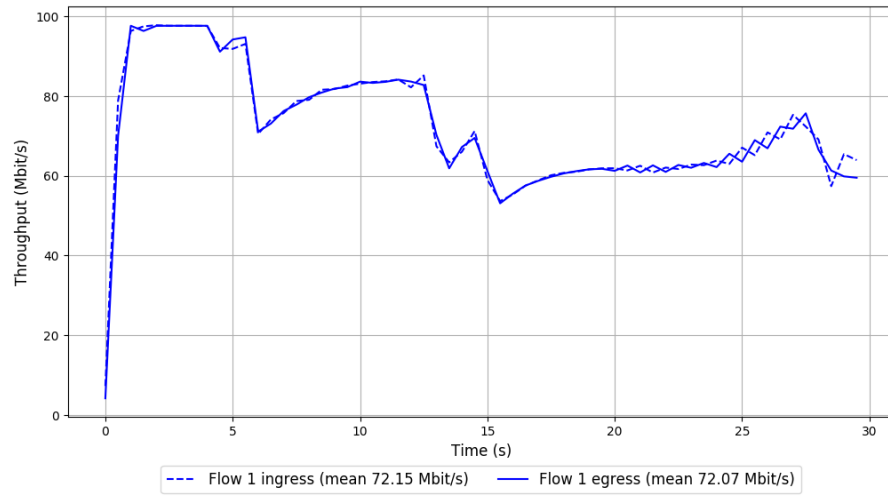
-- Flow 1:

Average throughput: 72.07 Mbit/s

95th percentile per-packet one-way delay: 53.662 ms

Loss rate: 0.39%

Run 3: Report of TCP Cubic — Data Link

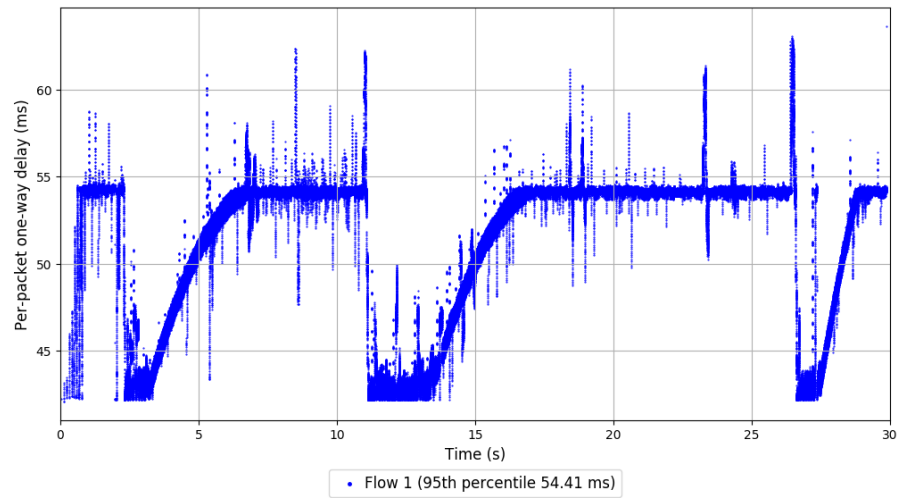
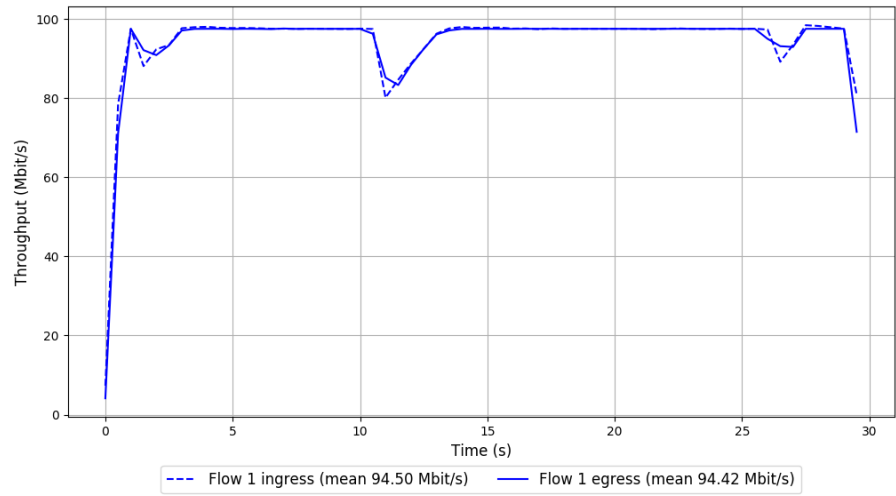


Run 4: Statistics of TCP Cubic

Start at: 2017-08-16 19:37:25
End at: 2017-08-16 19:37:55
Local clock offset: 0.321 ms
Remote clock offset: -0.342 ms

Below is generated by plot.py at 2017-08-17 01:47:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.42 Mbit/s
95th percentile per-packet one-way delay: 54.406 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 94.42 Mbit/s
95th percentile per-packet one-way delay: 54.406 ms
Loss rate: 0.37%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: 2017-08-16 19:57:42

End at: 2017-08-16 19:58:12

Local clock offset: 0.24 ms

Remote clock offset: 1.428 ms

Below is generated by plot.py at 2017-08-17 01:47:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.16 Mbit/s

95th percentile per-packet one-way delay: 52.572 ms

Loss rate: 0.36%

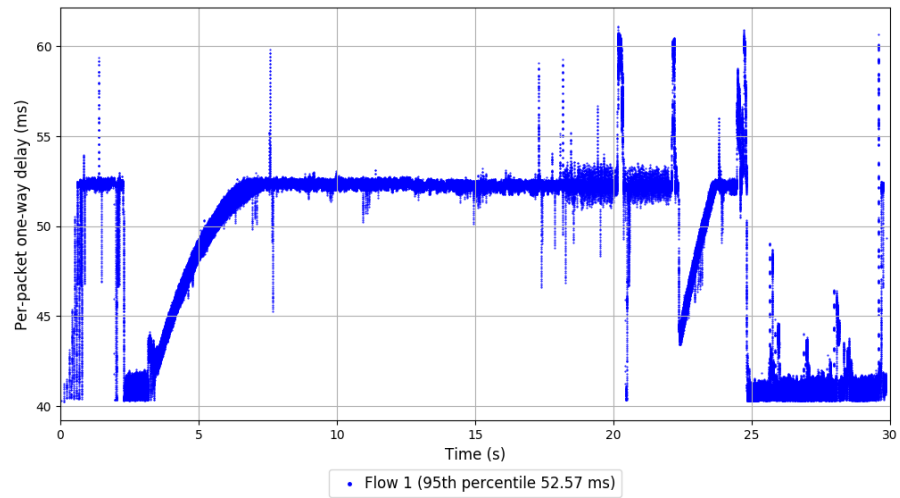
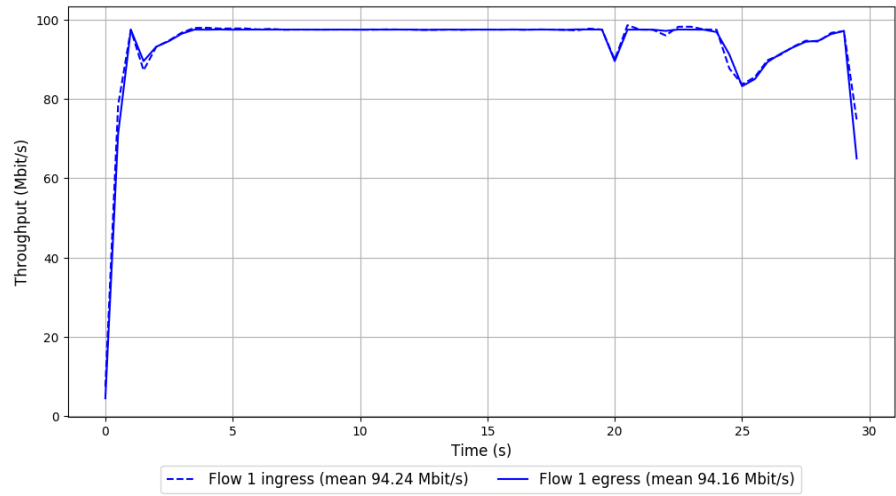
-- Flow 1:

Average throughput: 94.16 Mbit/s

95th percentile per-packet one-way delay: 52.572 ms

Loss rate: 0.36%

Run 5: Report of TCP Cubic — Data Link



Run 6: Statistics of TCP Cubic

Start at: 2017-08-16 20:17:59

End at: 2017-08-16 20:18:29

Local clock offset: 0.071 ms

Remote clock offset: 1.334 ms

Below is generated by plot.py at 2017-08-17 01:47:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.69 Mbit/s

95th percentile per-packet one-way delay: 52.242 ms

Loss rate: 0.36%

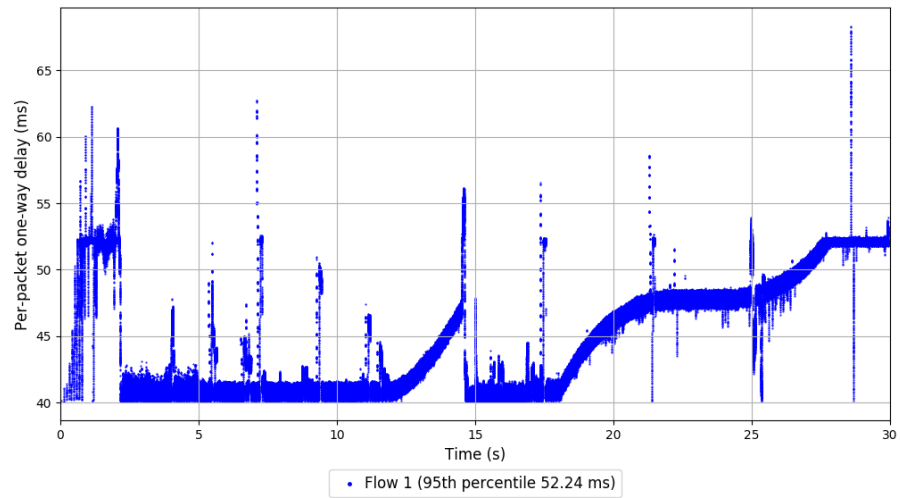
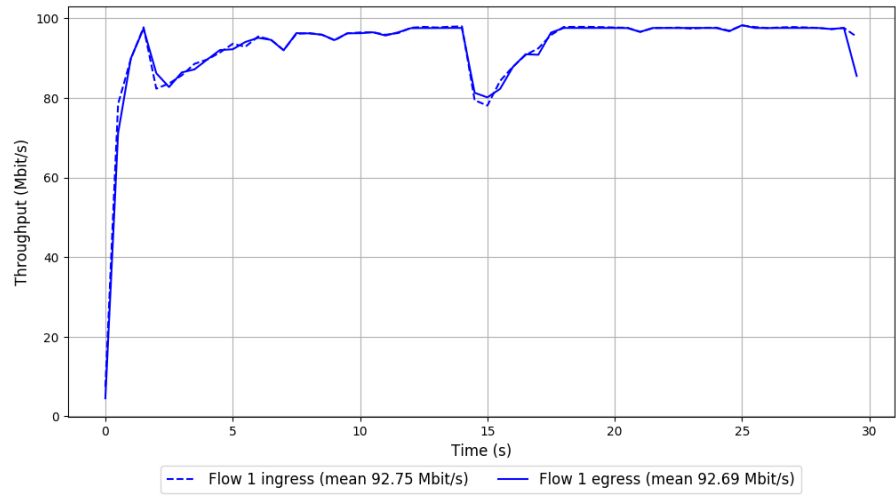
-- Flow 1:

Average throughput: 92.69 Mbit/s

95th percentile per-packet one-way delay: 52.242 ms

Loss rate: 0.36%

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: 2017-08-16 20:38:26

End at: 2017-08-16 20:38:56

Local clock offset: 0.154 ms

Remote clock offset: 1.443 ms

Below is generated by plot.py at 2017-08-17 01:47:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.76 Mbit/s

95th percentile per-packet one-way delay: 52.066 ms

Loss rate: 0.36%

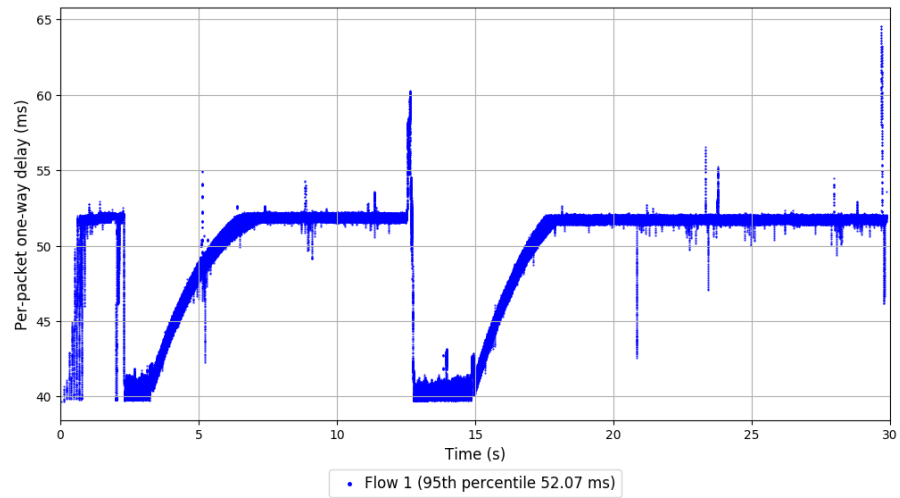
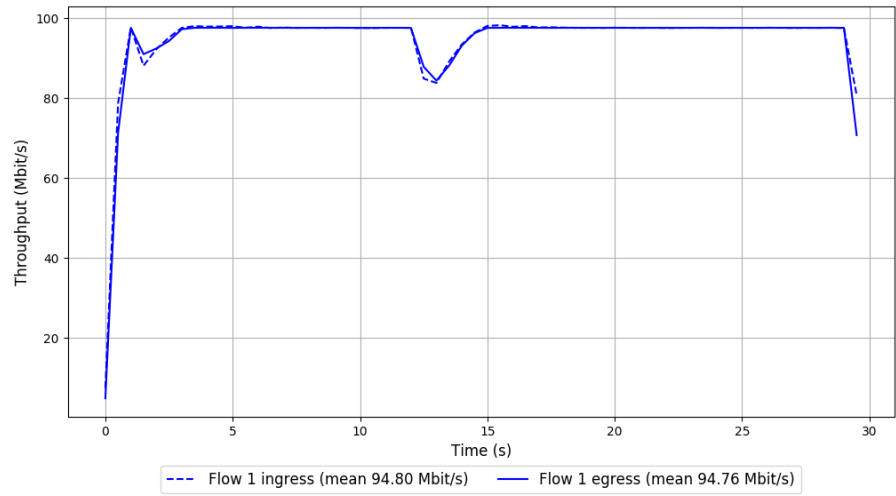
-- Flow 1:

Average throughput: 94.76 Mbit/s

95th percentile per-packet one-way delay: 52.066 ms

Loss rate: 0.36%

Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: 2017-08-16 20:58:45

End at: 2017-08-16 20:59:15

Local clock offset: 0.017 ms

Remote clock offset: 0.856 ms

Below is generated by plot.py at 2017-08-17 01:47:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 44.40 Mbit/s

95th percentile per-packet one-way delay: 51.137 ms

Loss rate: 0.39%

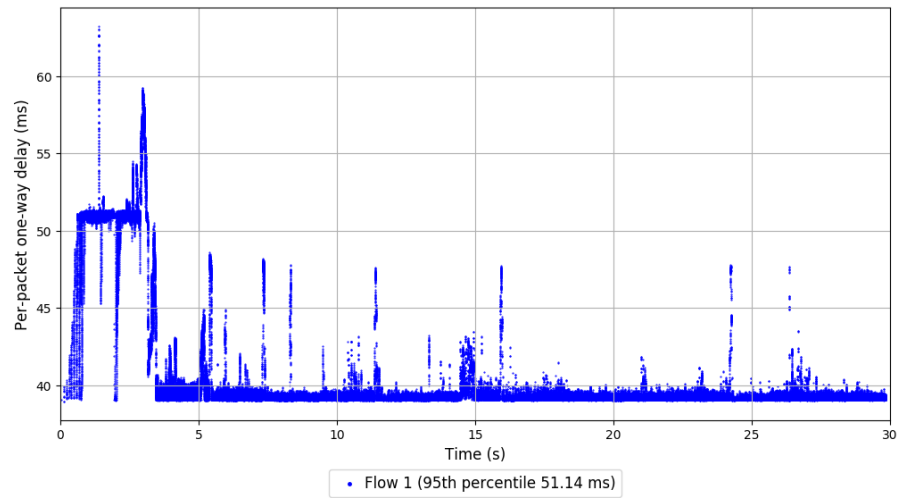
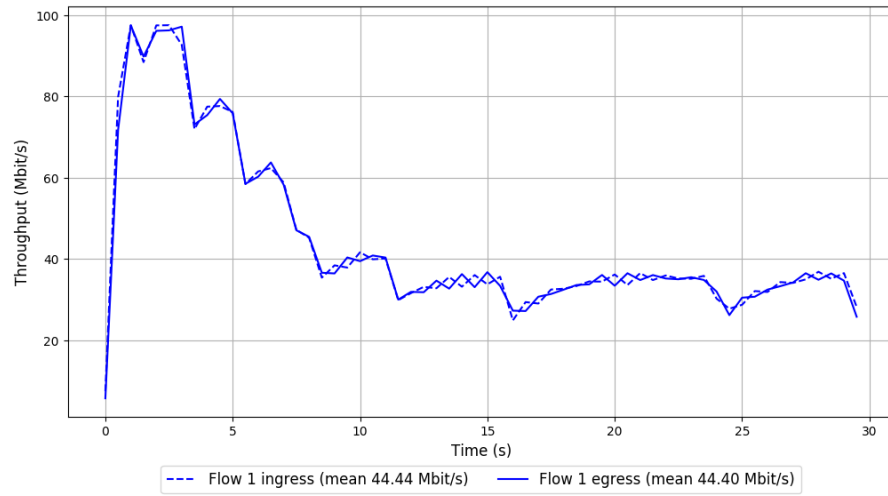
-- Flow 1:

Average throughput: 44.40 Mbit/s

95th percentile per-packet one-way delay: 51.137 ms

Loss rate: 0.39%

Run 8: Report of TCP Cubic — Data Link

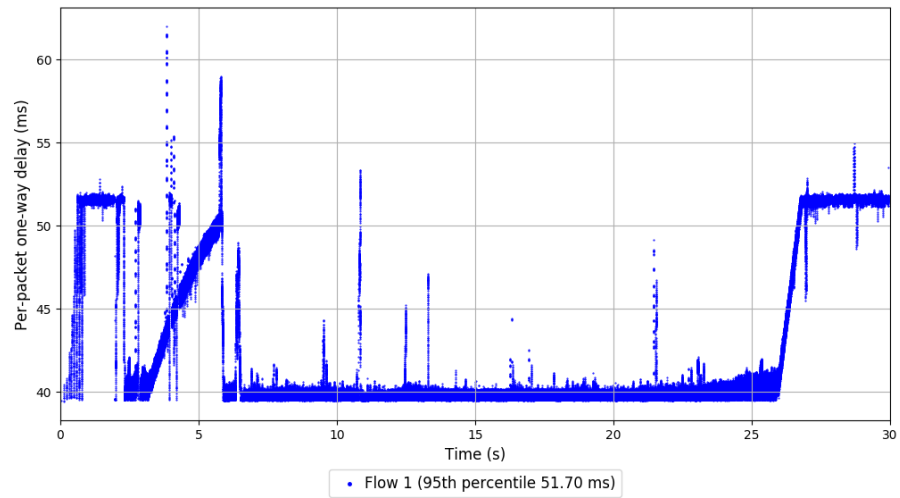
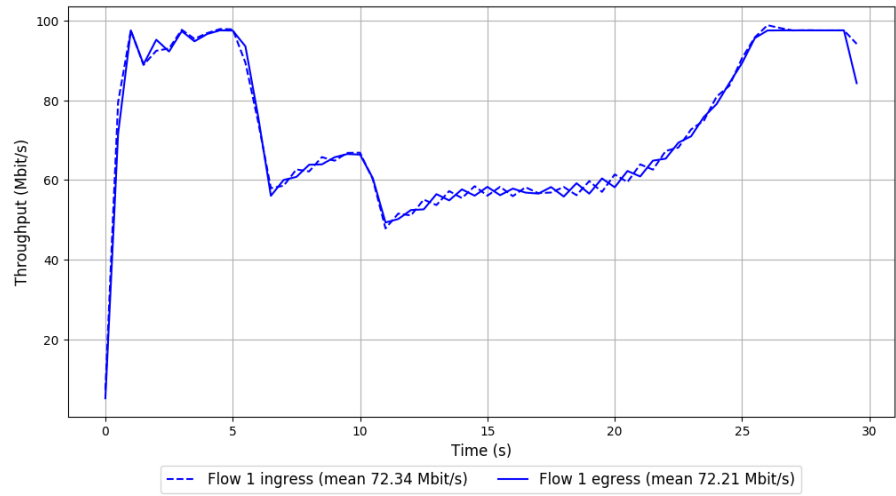


Run 9: Statistics of TCP Cubic

Start at: 2017-08-16 21:19:22
End at: 2017-08-16 21:19:52
Local clock offset: -0.464 ms
Remote clock offset: -0.106 ms

Below is generated by plot.py at 2017-08-17 01:47:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 72.21 Mbit/s
95th percentile per-packet one-way delay: 51.701 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 72.21 Mbit/s
95th percentile per-packet one-way delay: 51.701 ms
Loss rate: 0.50%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2017-08-16 21:39:52

End at: 2017-08-16 21:40:22

Local clock offset: -0.459 ms

Remote clock offset: -2.315 ms

Below is generated by plot.py at 2017-08-17 01:47:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 41.40 Mbit/s

95th percentile per-packet one-way delay: 50.860 ms

Loss rate: 0.34%

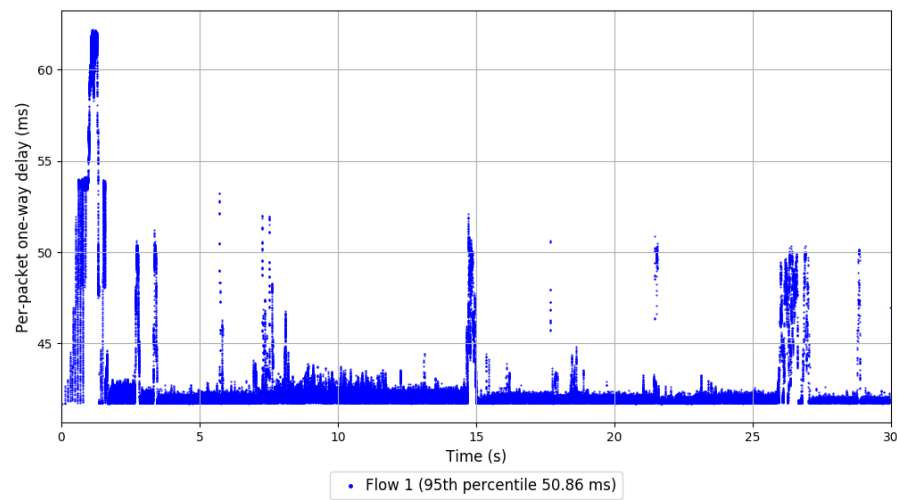
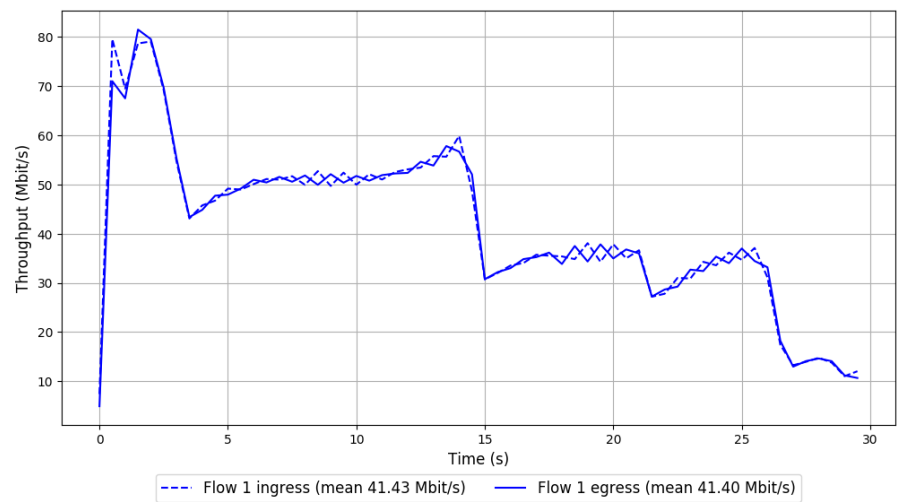
-- Flow 1:

Average throughput: 41.40 Mbit/s

95th percentile per-packet one-way delay: 50.860 ms

Loss rate: 0.34%

Run 10: Report of TCP Cubic — Data Link



Run 1: Statistics of KohoCC

Start at: 2017-08-16 18:35:03

End at: 2017-08-16 18:35:33

Local clock offset: 0.713 ms

Remote clock offset: -0.892 ms

Below is generated by plot.py at 2017-08-17 01:47:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 13.23 Mbit/s

95th percentile per-packet one-way delay: 42.726 ms

Loss rate: 0.30%

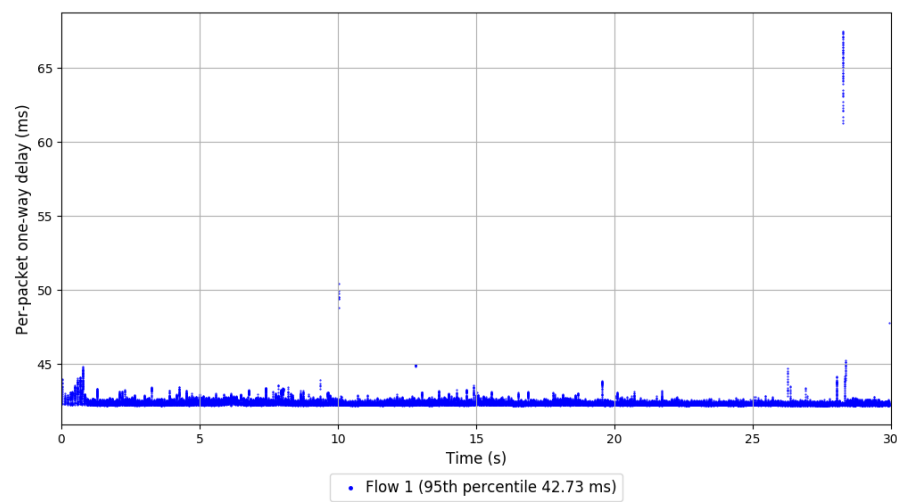
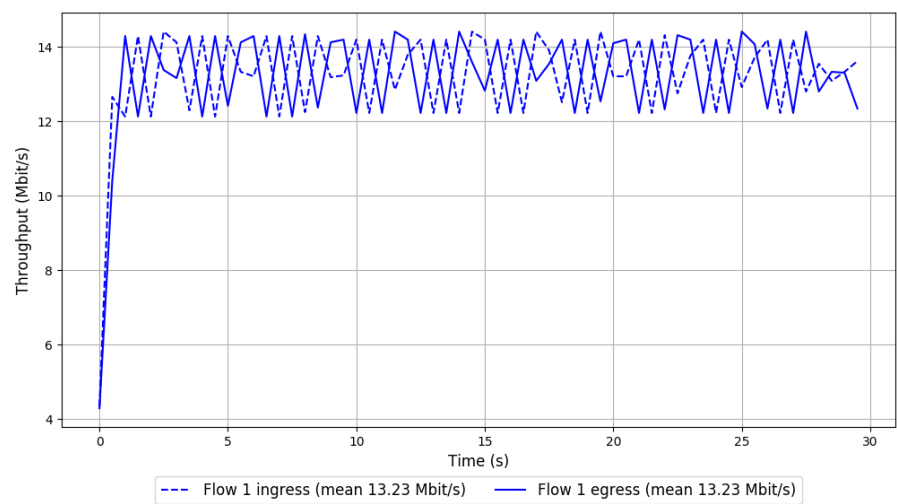
-- Flow 1:

Average throughput: 13.23 Mbit/s

95th percentile per-packet one-way delay: 42.726 ms

Loss rate: 0.30%

Run 1: Report of KohoCC — Data Link

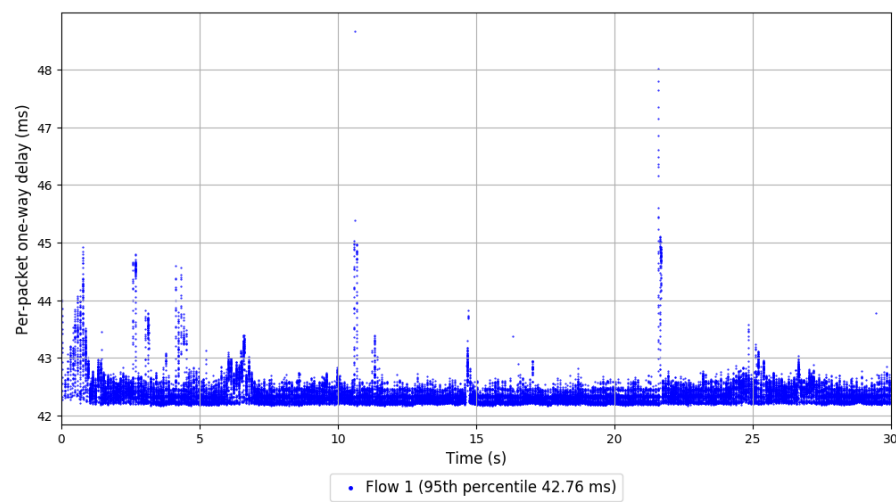
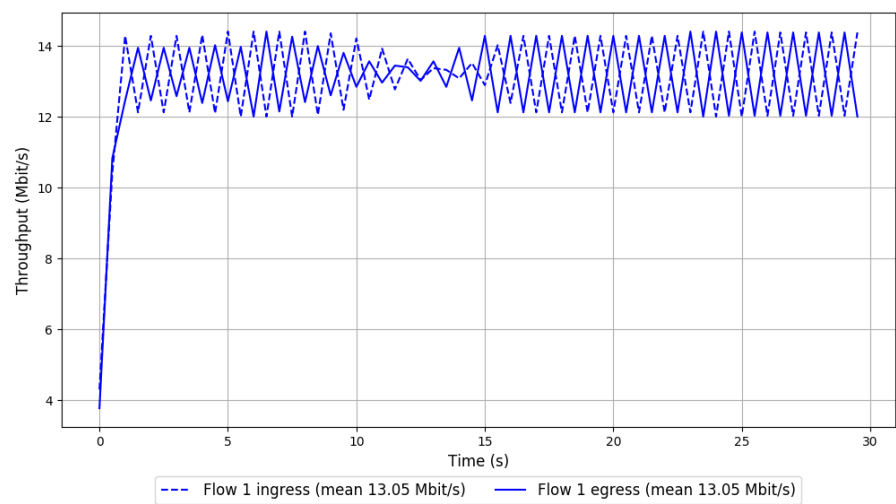


Run 2: Statistics of KohoCC

Start at: 2017-08-16 18:55:17
End at: 2017-08-16 18:55:47
Local clock offset: 0.72 ms
Remote clock offset: -0.735 ms

Below is generated by plot.py at 2017-08-17 01:47:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 13.05 Mbit/s
95th percentile per-packet one-way delay: 42.761 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 13.05 Mbit/s
95th percentile per-packet one-way delay: 42.761 ms
Loss rate: 0.31%

Run 2: Report of KohoCC — Data Link



Run 3: Statistics of KohoCC

Start at: 2017-08-16 19:15:43

End at: 2017-08-16 19:16:13

Local clock offset: 0.672 ms

Remote clock offset: 2.003 ms

Below is generated by plot.py at 2017-08-17 01:47:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 13.09 Mbit/s

95th percentile per-packet one-way delay: 40.088 ms

Loss rate: 0.31%

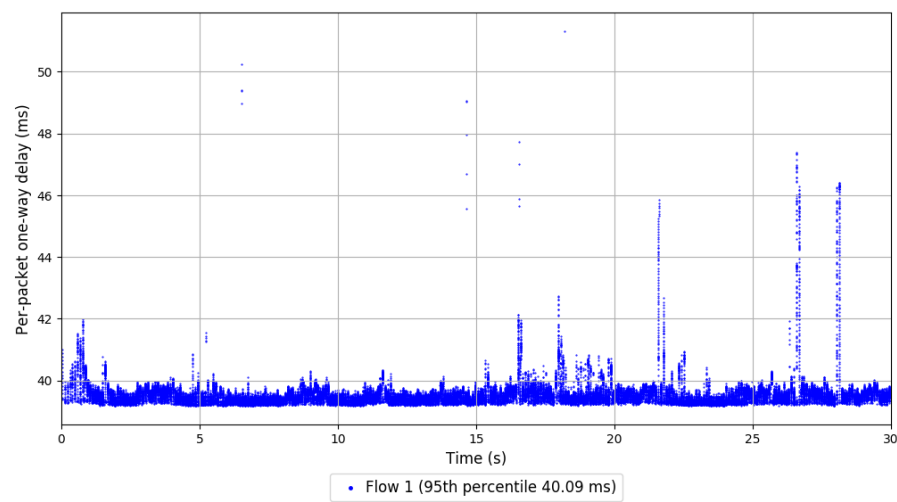
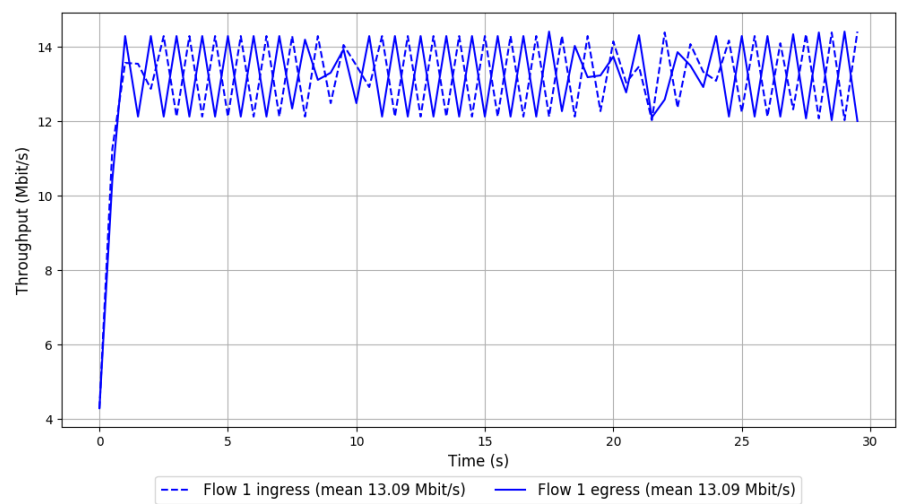
-- Flow 1:

Average throughput: 13.09 Mbit/s

95th percentile per-packet one-way delay: 40.088 ms

Loss rate: 0.31%

Run 3: Report of KohoCC — Data Link



Run 4: Statistics of KohoCC

Start at: 2017-08-16 19:36:07

End at: 2017-08-16 19:36:37

Local clock offset: 0.427 ms

Remote clock offset: 1.693 ms

Below is generated by plot.py at 2017-08-17 01:47:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 13.09 Mbit/s

95th percentile per-packet one-way delay: 40.147 ms

Loss rate: 0.31%

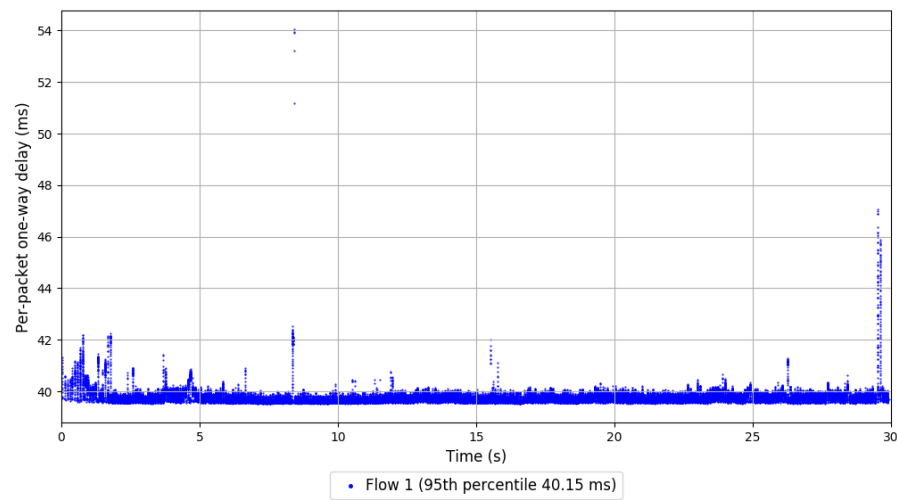
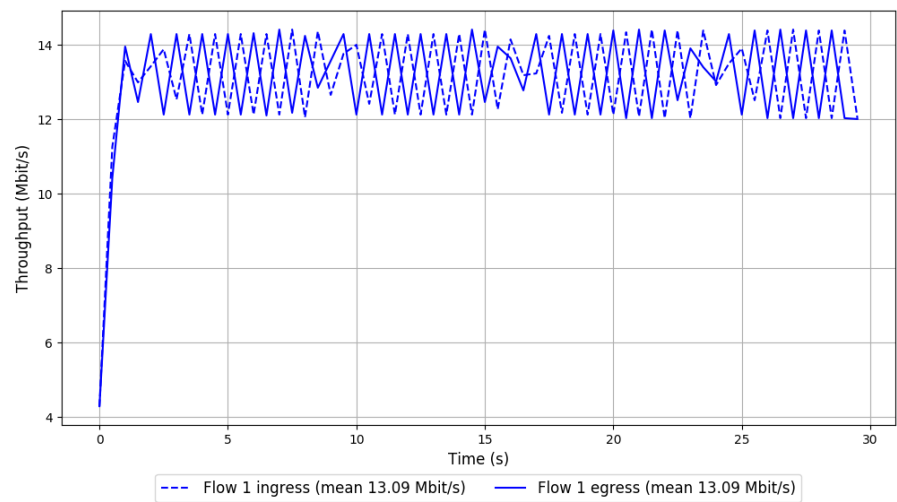
-- Flow 1:

Average throughput: 13.09 Mbit/s

95th percentile per-packet one-way delay: 40.147 ms

Loss rate: 0.31%

Run 4: Report of KohoCC — Data Link



Run 5: Statistics of KohoCC

Start at: 2017-08-16 19:56:24

End at: 2017-08-16 19:56:54

Local clock offset: 0.175 ms

Remote clock offset: 1.584 ms

Below is generated by plot.py at 2017-08-17 01:47:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 13.10 Mbit/s

95th percentile per-packet one-way delay: 40.259 ms

Loss rate: 0.31%

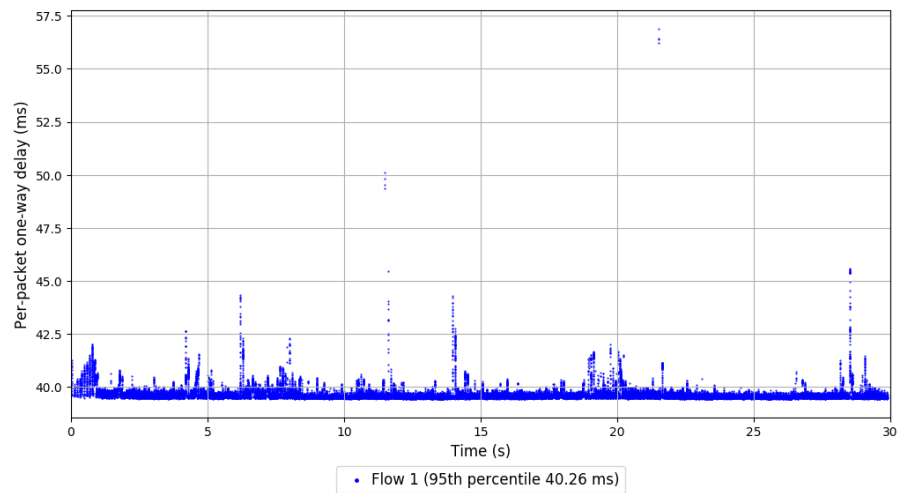
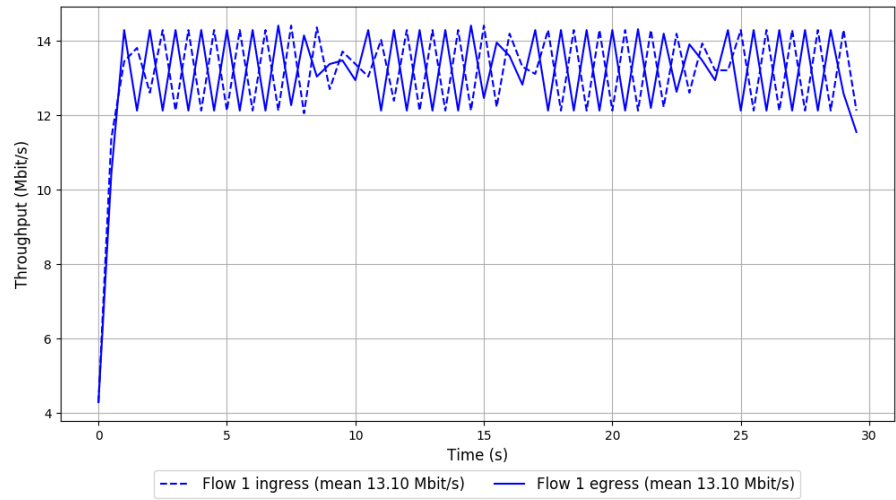
-- Flow 1:

Average throughput: 13.10 Mbit/s

95th percentile per-packet one-way delay: 40.259 ms

Loss rate: 0.31%

Run 5: Report of KohoCC — Data Link



Run 6: Statistics of KohoCC

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

End at: 2017-08-16 20:17:10

Local clock offset: 0.148 ms

Remote clock offset: 1.289 ms

Below is generated by plot.py at 2017-08-17 01:47:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 13.12 Mbit/s

95th percentile per-packet one-way delay: 40.497 ms

Loss rate: 0.31%

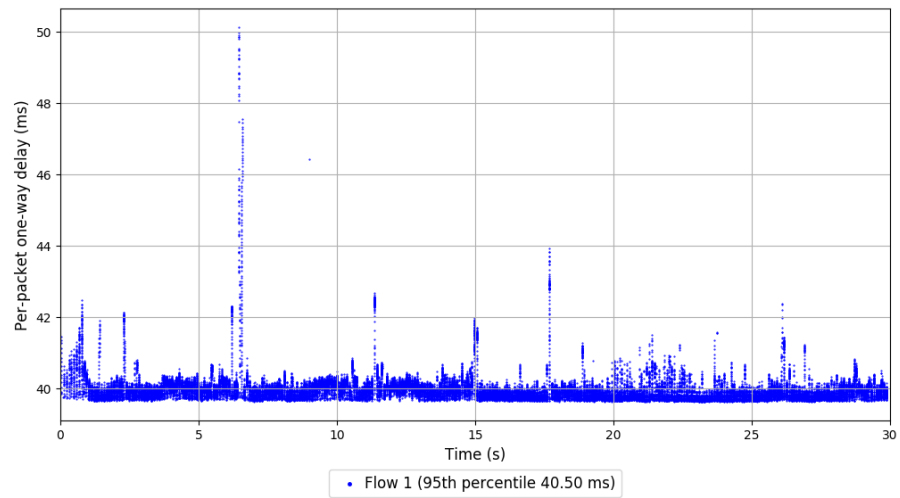
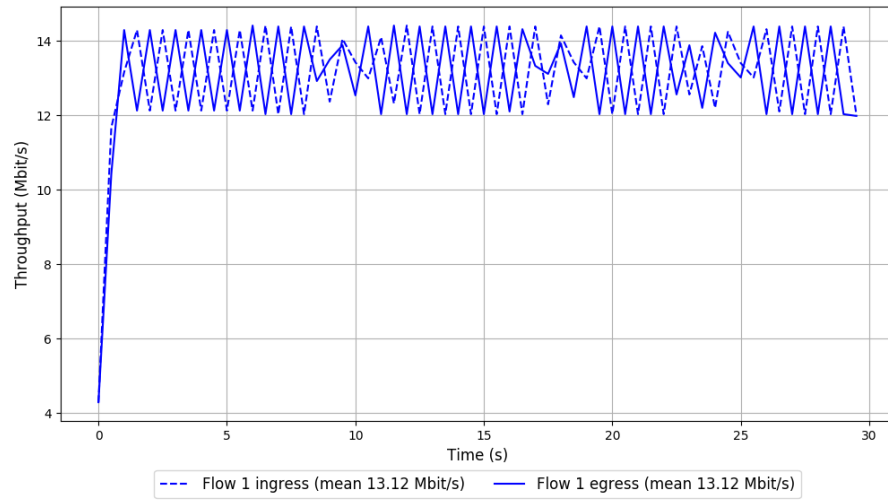
-- Flow 1:

Average throughput: 13.12 Mbit/s

95th percentile per-packet one-way delay: 40.497 ms

Loss rate: 0.31%

Run 6: Report of KohoCC — Data Link



Run 7: Statistics of KohoCC

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

End at: 2017-08-16 20:37:38

Local clock offset: 0.107 ms

Remote clock offset: 0.964 ms

Below is generated by plot.py at 2017-08-17 01:47:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.99 Mbit/s

95th percentile per-packet one-way delay: 40.971 ms

Loss rate: 0.31%

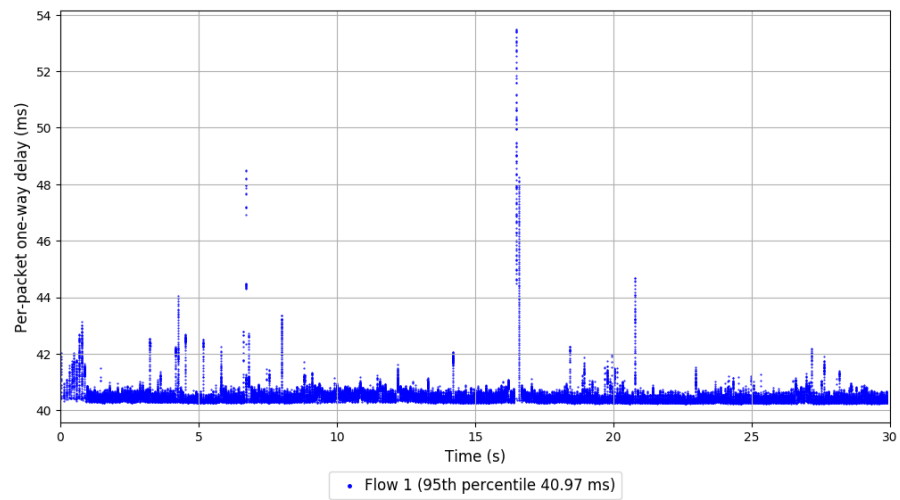
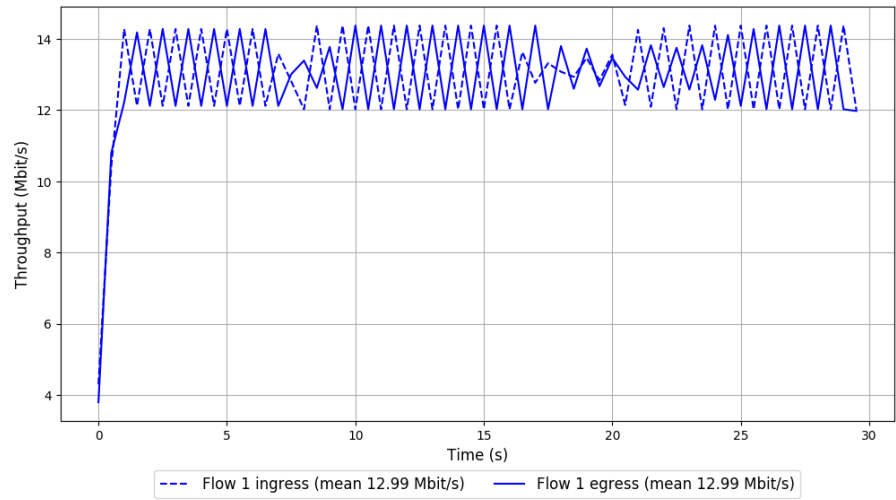
-- Flow 1:

Average throughput: 12.99 Mbit/s

95th percentile per-packet one-way delay: 40.971 ms

Loss rate: 0.31%

Run 7: Report of KohoCC — Data Link

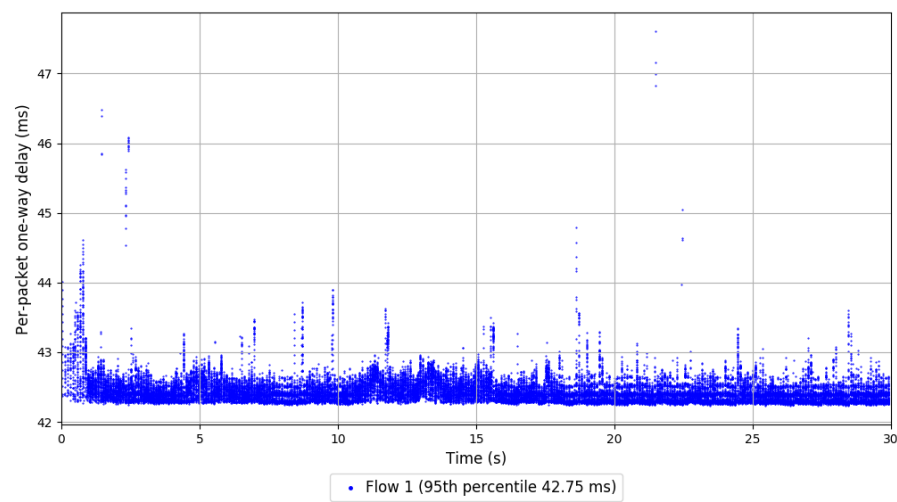
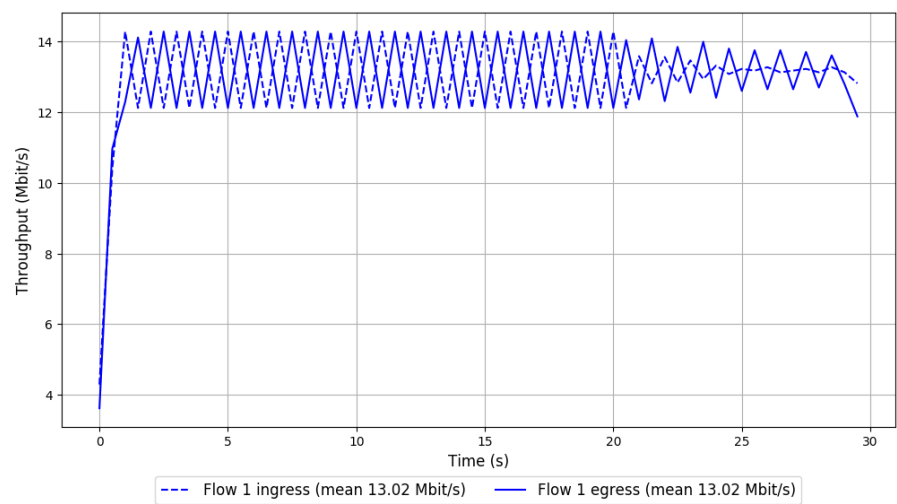


Run 8: Statistics of KohoCC

Start at: 2017-08-16 20:57:27
End at: 2017-08-16 20:57:57
Local clock offset: 0.015 ms
Remote clock offset: -1.638 ms

Below is generated by plot.py at 2017-08-17 01:47:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 13.02 Mbit/s
95th percentile per-packet one-way delay: 42.748 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 13.02 Mbit/s
95th percentile per-packet one-way delay: 42.748 ms
Loss rate: 0.26%

Run 8: Report of KohoCC — Data Link

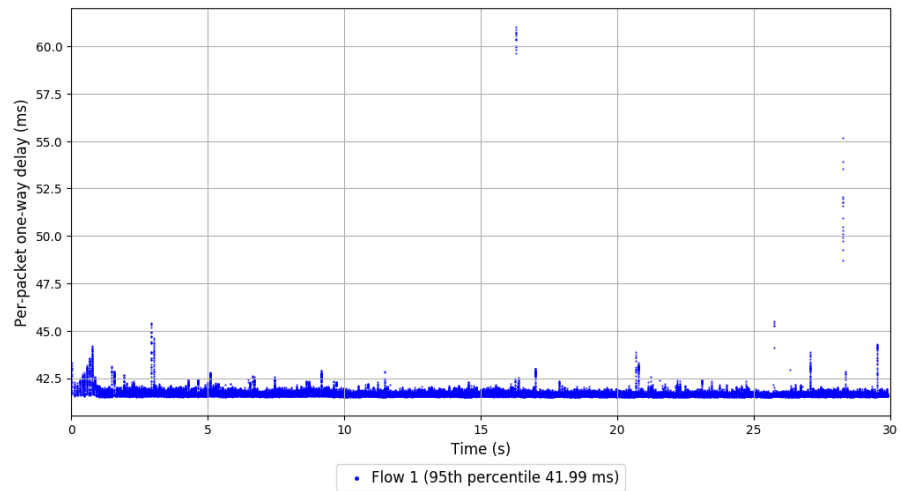
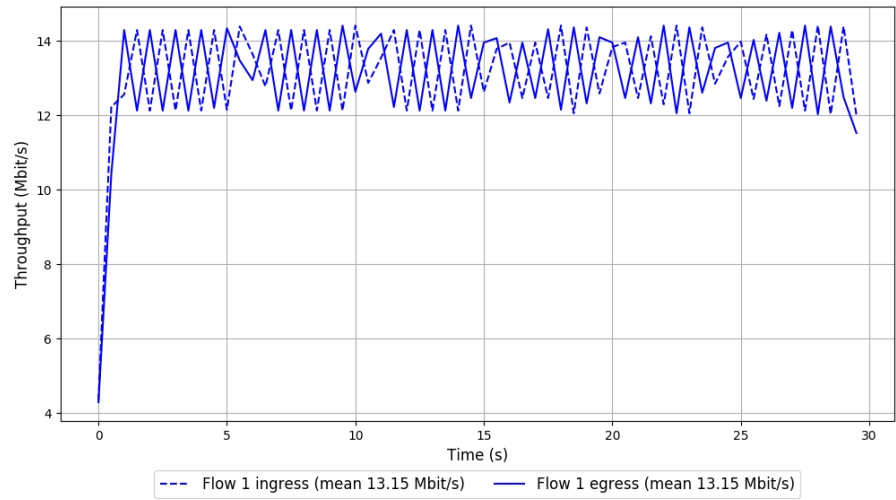


Run 9: Statistics of KohoCC

Start at: 2017-08-16 21:18:03
End at: 2017-08-16 21:18:33
Local clock offset: -0.37 ms
Remote clock offset: -2.054 ms

Below is generated by plot.py at 2017-08-17 01:47:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 13.15 Mbit/s
95th percentile per-packet one-way delay: 41.994 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 13.15 Mbit/s
95th percentile per-packet one-way delay: 41.994 ms
Loss rate: 0.30%

Run 9: Report of KohoCC — Data Link



Run 10: Statistics of KohoCC

Start at: 2017-08-16 21:38:33

End at: 2017-08-16 21:39:04

Local clock offset: -0.567 ms

Remote clock offset: -2.226 ms

Below is generated by plot.py at 2017-08-17 01:47:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 13.36 Mbit/s

95th percentile per-packet one-way delay: 41.968 ms

Loss rate: 0.31%

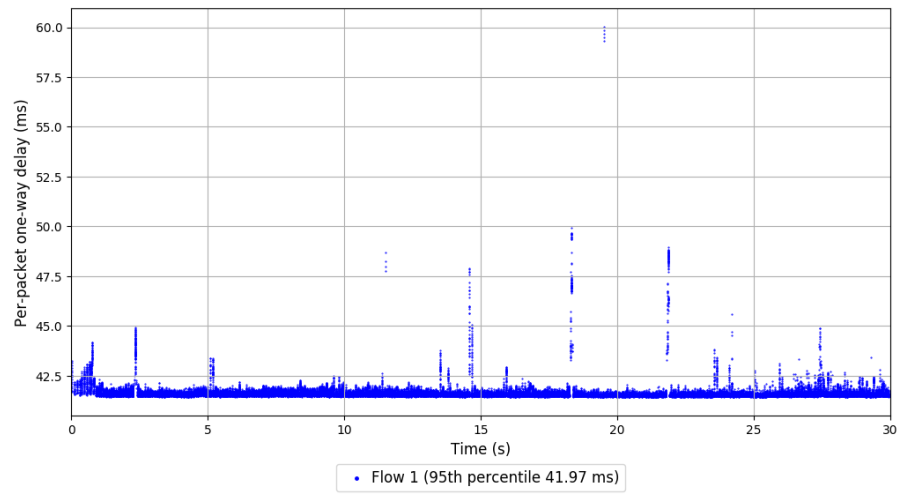
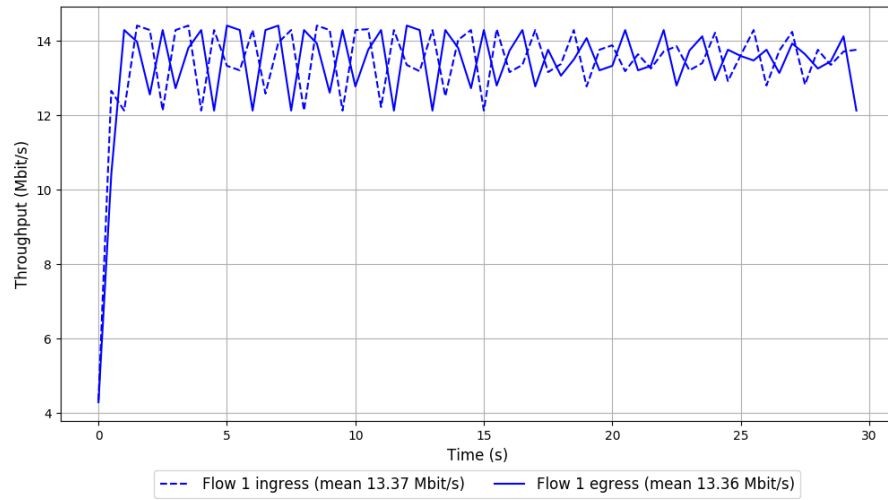
-- Flow 1:

Average throughput: 13.36 Mbit/s

95th percentile per-packet one-way delay: 41.968 ms

Loss rate: 0.31%

Run 10: Report of KohoCC — Data Link

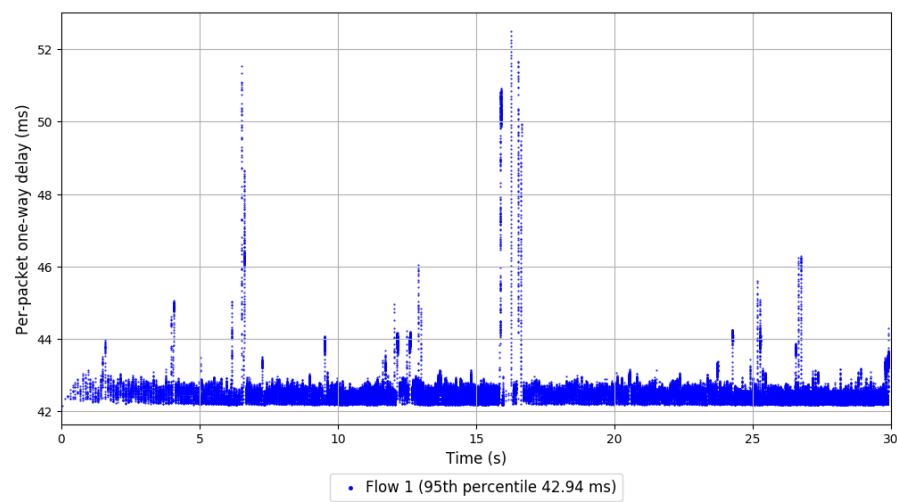
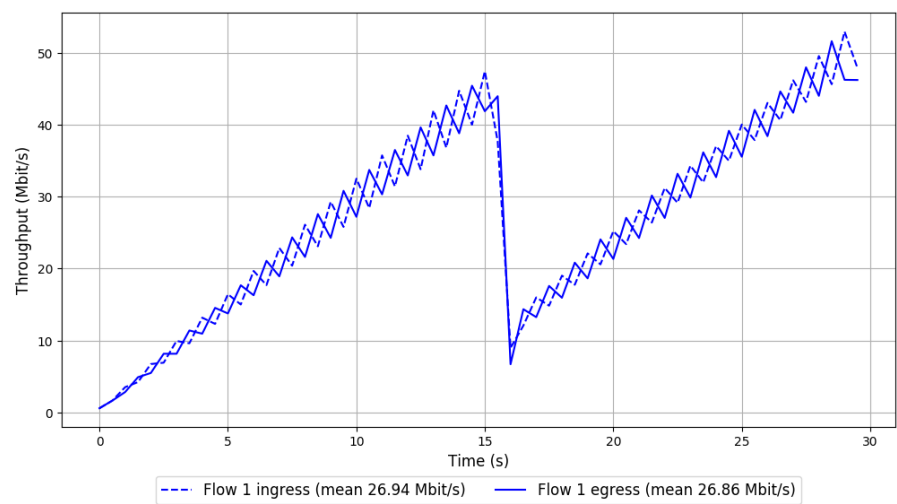


```
Run 1: Statistics of LEDBAT

Start at: 2017-08-16 18:43:15
End at: 2017-08-16 18:43:45
Local clock offset: 0.795 ms
Remote clock offset: -0.831 ms

# Below is generated by plot.py at 2017-08-17 01:47:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 26.86 Mbit/s
95th percentile per-packet one-way delay: 42.938 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 26.86 Mbit/s
95th percentile per-packet one-way delay: 42.938 ms
Loss rate: 0.60%
```

Run 1: Report of LEDBAT — Data Link

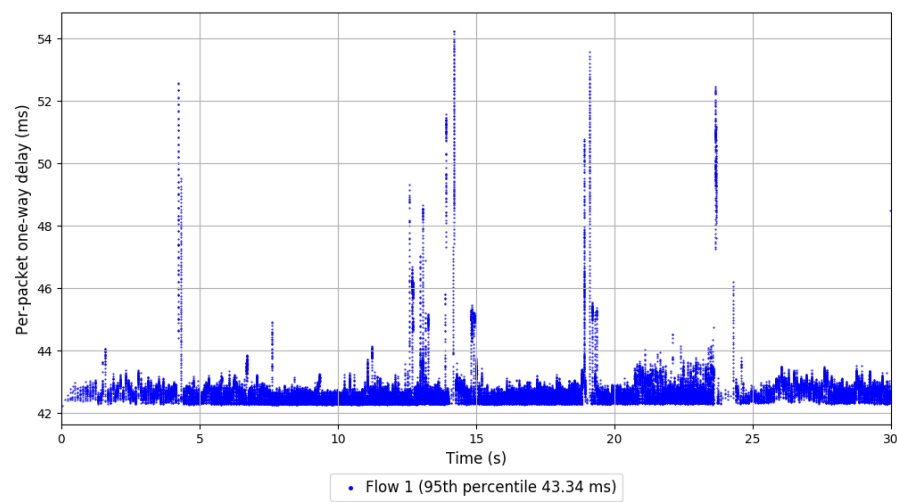
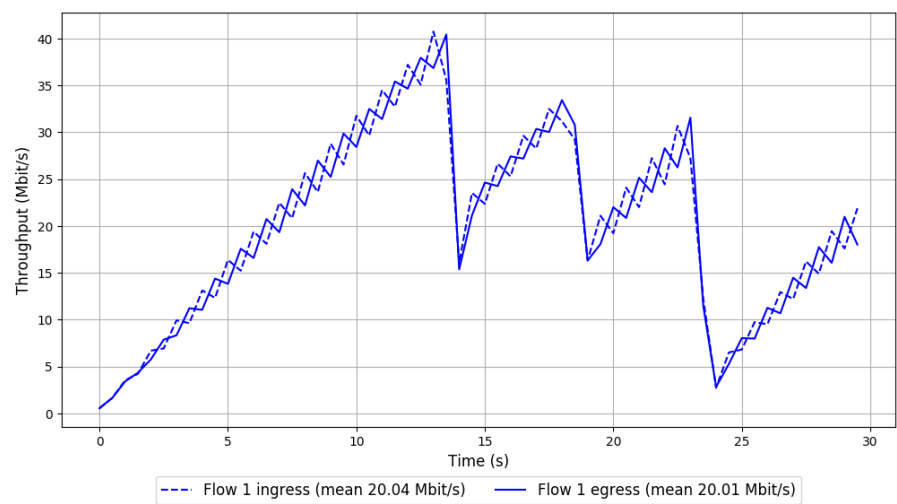


Run 2: Statistics of LEDBAT

Start at: 2017-08-16 19:03:39
End at: 2017-08-16 19:04:09
Local clock offset: 0.712 ms
Remote clock offset: -0.613 ms

Below is generated by plot.py at 2017-08-17 01:47:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 20.01 Mbit/s
95th percentile per-packet one-way delay: 43.338 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 20.01 Mbit/s
95th percentile per-packet one-way delay: 43.338 ms
Loss rate: 0.43%

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: 2017-08-16 19:24:01

End at: 2017-08-16 19:24:31

Local clock offset: 0.558 ms

Remote clock offset: 2.071 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 44.44 Mbit/s

95th percentile per-packet one-way delay: 40.549 ms

Loss rate: 0.59%

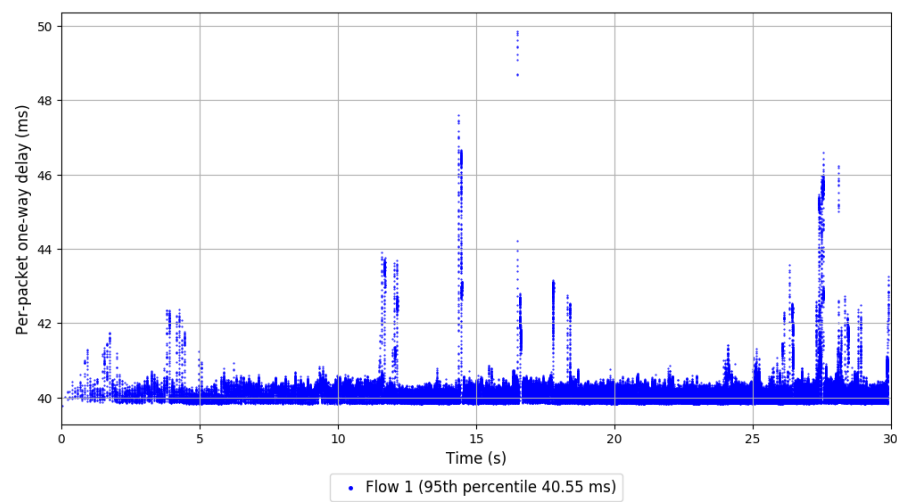
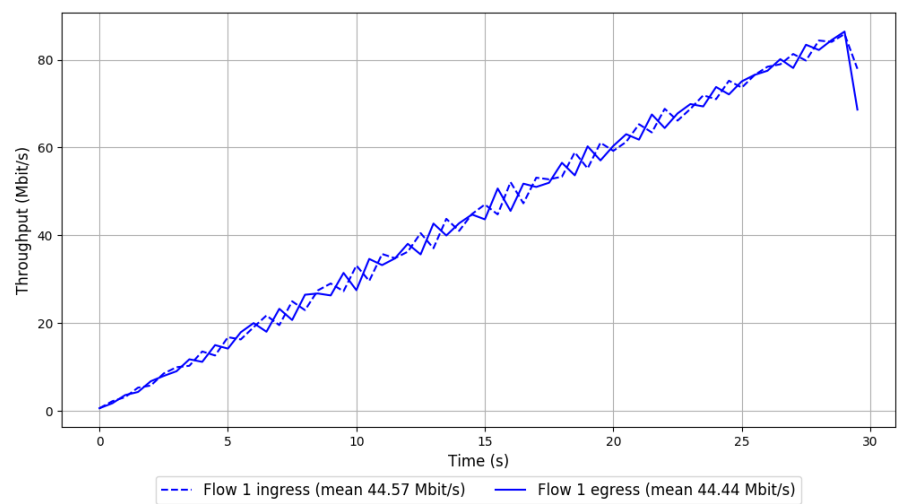
-- Flow 1:

Average throughput: 44.44 Mbit/s

95th percentile per-packet one-way delay: 40.549 ms

Loss rate: 0.59%

Run 3: Report of LEDBAT — Data Link

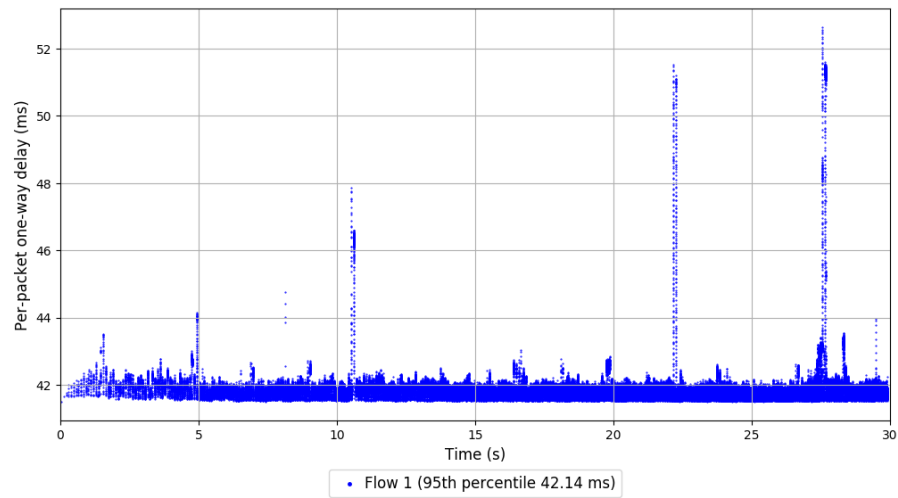
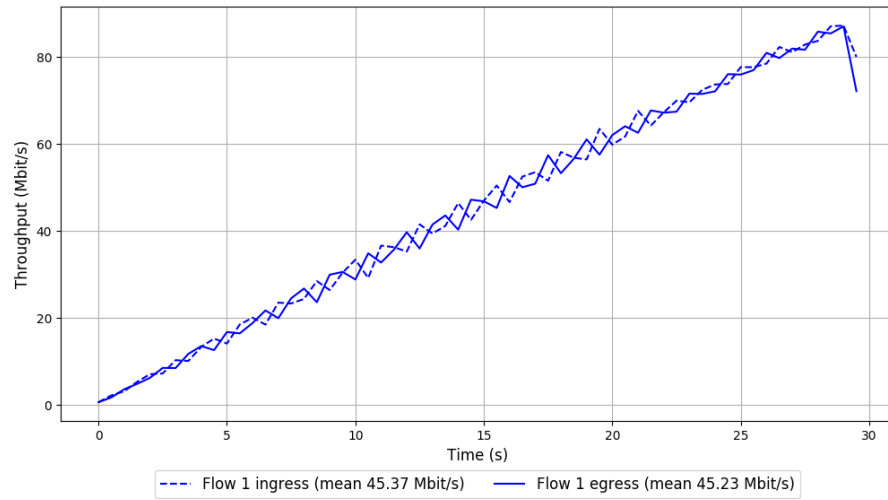


Run 4: Statistics of LEDBAT

Start at: 2017-08-16 19:44:21
End at: 2017-08-16 19:44:51
Local clock offset: 0.225 ms
Remote clock offset: -0.489 ms

Below is generated by plot.py at 2017-08-17 01:48:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 45.23 Mbit/s
95th percentile per-packet one-way delay: 42.139 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 45.23 Mbit/s
95th percentile per-packet one-way delay: 42.139 ms
Loss rate: 0.58%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: 2017-08-16 20:04:39

End at: 2017-08-16 20:05:09

Local clock offset: 0.221 ms

Remote clock offset: 1.379 ms

Below is generated by plot.py at 2017-08-17 01:48:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 43.51 Mbit/s

95th percentile per-packet one-way delay: 41.088 ms

Loss rate: 0.59%

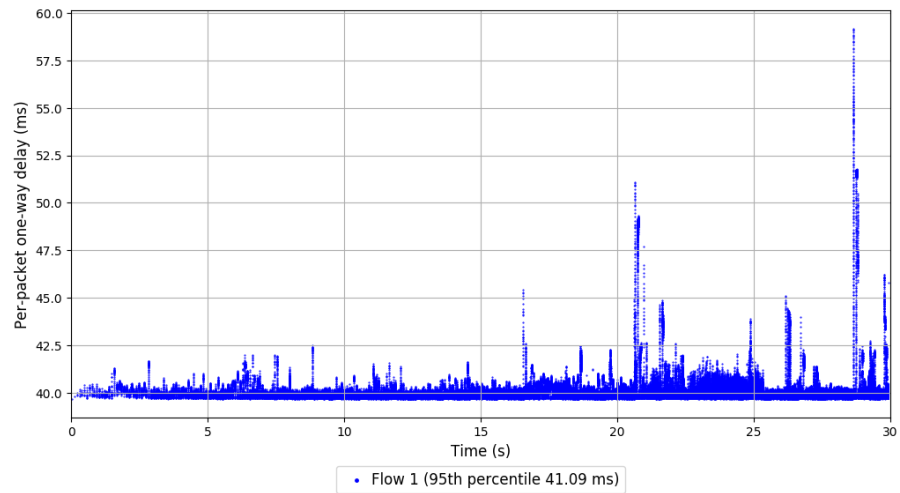
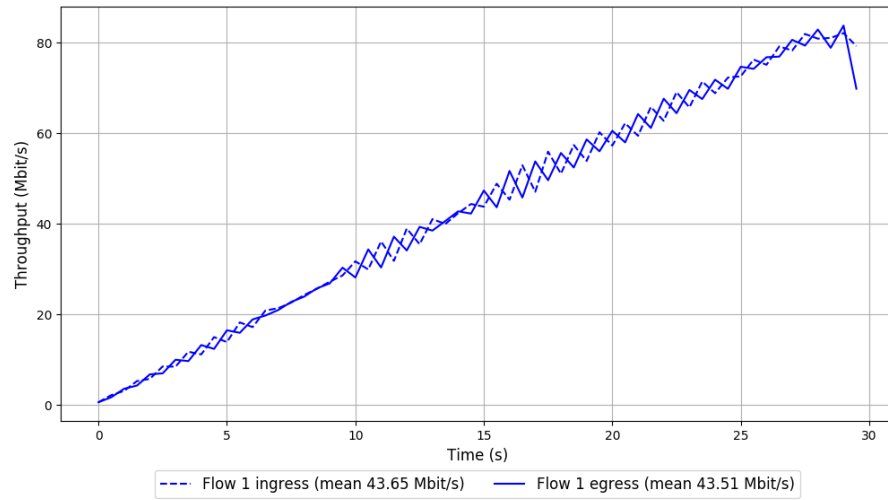
-- Flow 1:

Average throughput: 43.51 Mbit/s

95th percentile per-packet one-way delay: 41.088 ms

Loss rate: 0.59%

Run 5: Report of LEDBAT — Data Link



Run 6: Statistics of LEDBAT

Start at: 2017-08-16 20:24:56

End at: 2017-08-16 20:25:26

Local clock offset: 0.15 ms

Remote clock offset: 1.332 ms

Below is generated by plot.py at 2017-08-17 01:48:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 34.57 Mbit/s

95th percentile per-packet one-way delay: 41.291 ms

Loss rate: 0.47%

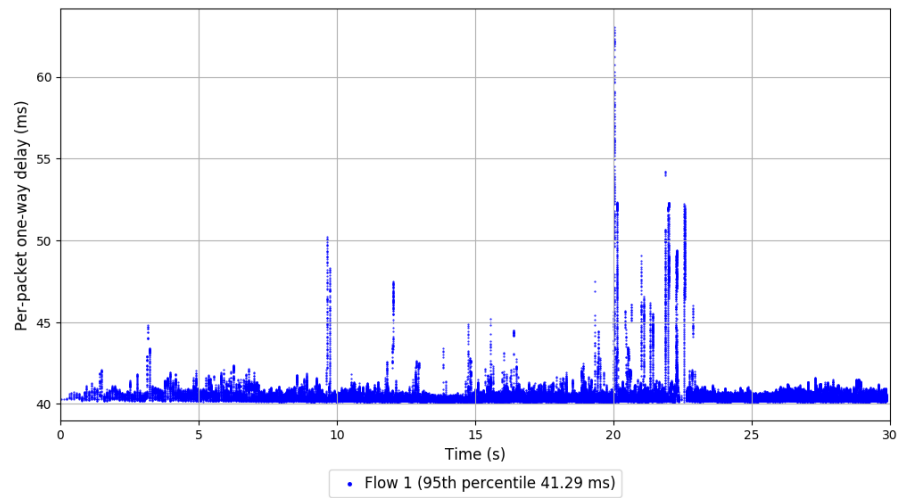
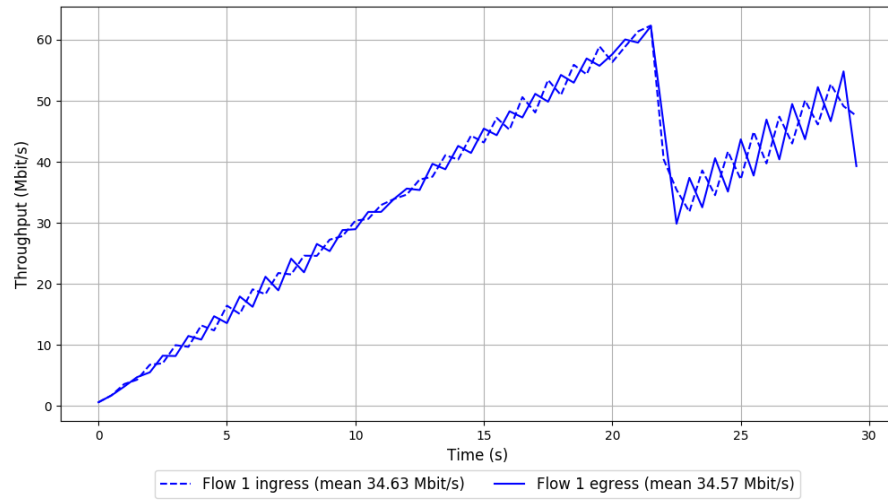
-- Flow 1:

Average throughput: 34.57 Mbit/s

95th percentile per-packet one-way delay: 41.291 ms

Loss rate: 0.47%

Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

Start at: 2017-08-16 20:45:23

End at: 2017-08-16 20:45:53

Local clock offset: 0.036 ms

Remote clock offset: 0.757 ms

Below is generated by plot.py at 2017-08-17 01:48:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 26.35 Mbit/s

95th percentile per-packet one-way delay: 41.440 ms

Loss rate: 0.38%

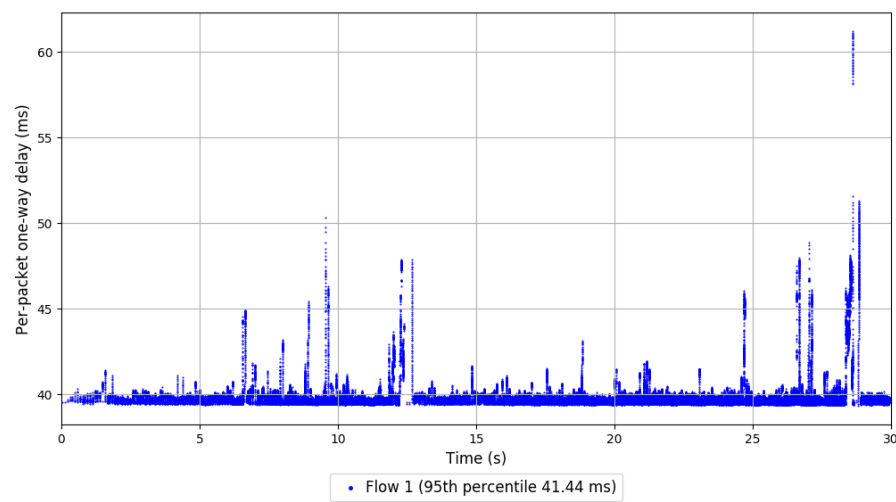
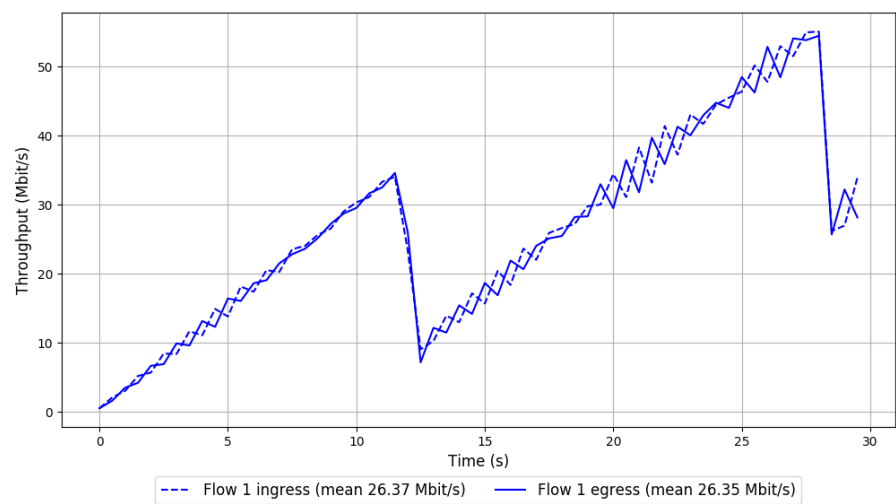
-- Flow 1:

Average throughput: 26.35 Mbit/s

95th percentile per-packet one-way delay: 41.440 ms

Loss rate: 0.38%

Run 7: Report of LEDBAT — Data Link

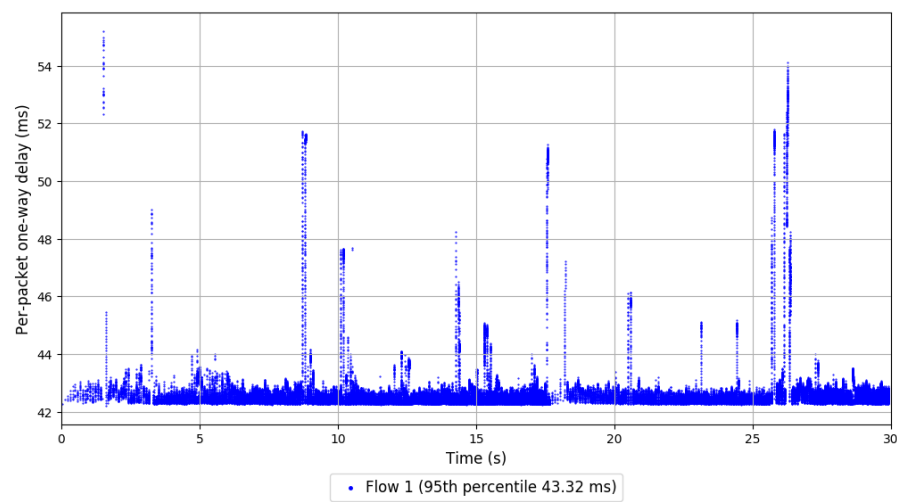
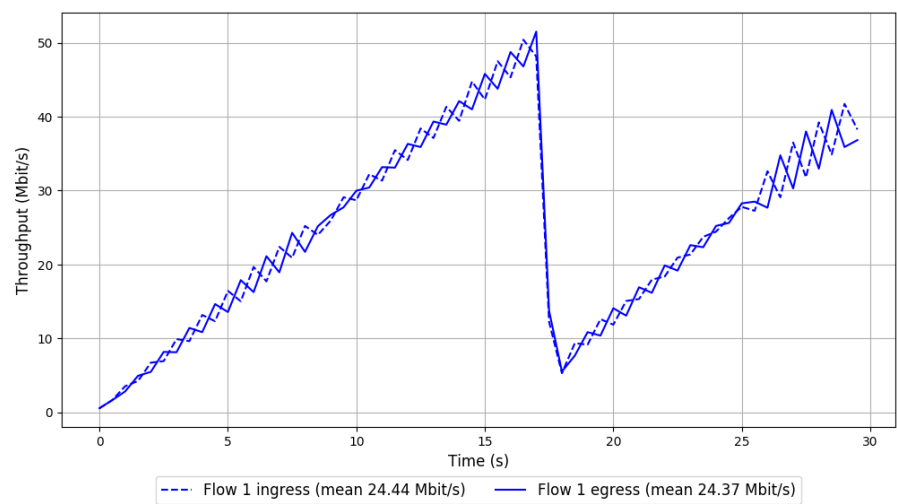


Run 8: Statistics of LEDBAT

Start at: 2017-08-16 21:05:57
End at: 2017-08-16 21:06:27
Local clock offset: -0.214 ms
Remote clock offset: -1.944 ms

Below is generated by plot.py at 2017-08-17 01:48:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.37 Mbit/s
95th percentile per-packet one-way delay: 43.320 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 24.37 Mbit/s
95th percentile per-packet one-way delay: 43.320 ms
Loss rate: 0.58%

Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

Start at: 2017-08-16 21:26:14

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

Local clock offset: -0.506 ms

Remote clock offset: 0.303 ms

Below is generated by plot.py at 2017-08-17 01:48:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 16.59 Mbit/s

95th percentile per-packet one-way delay: 41.788 ms

Loss rate: 0.31%

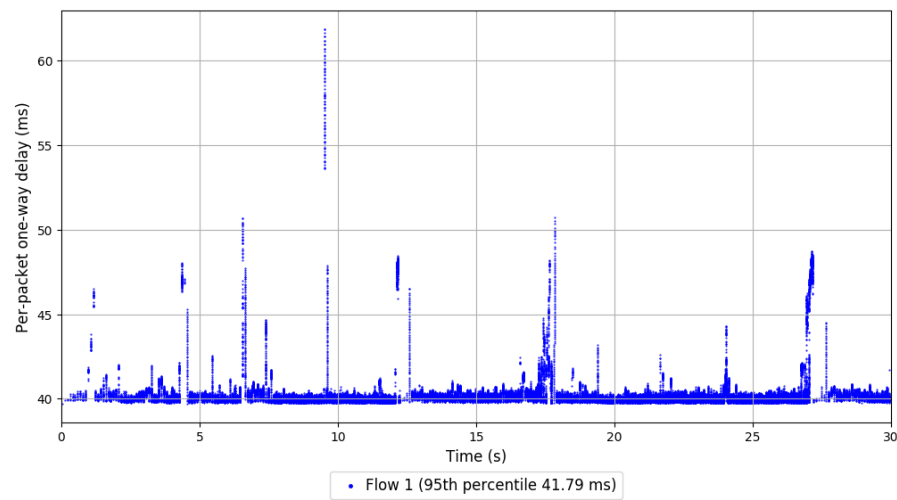
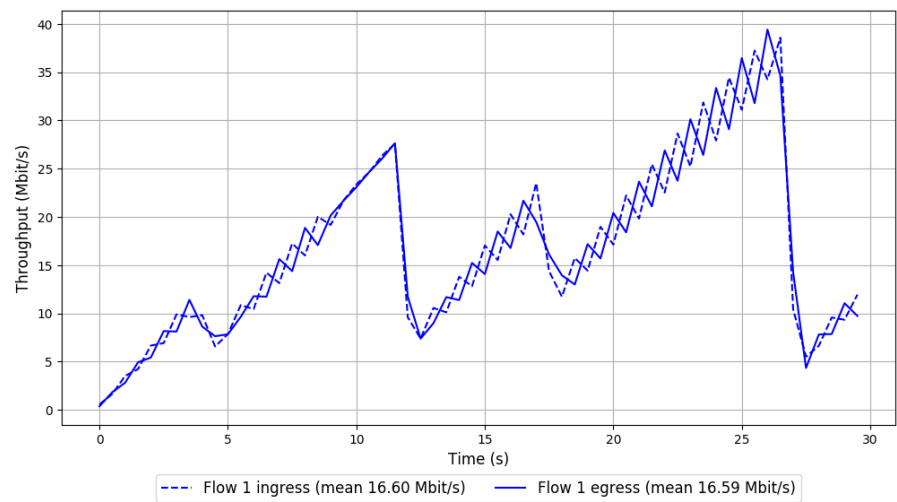
-- Flow 1:

Average throughput: 16.59 Mbit/s

95th percentile per-packet one-way delay: 41.788 ms

Loss rate: 0.31%

Run 9: Report of LEDBAT — Data Link

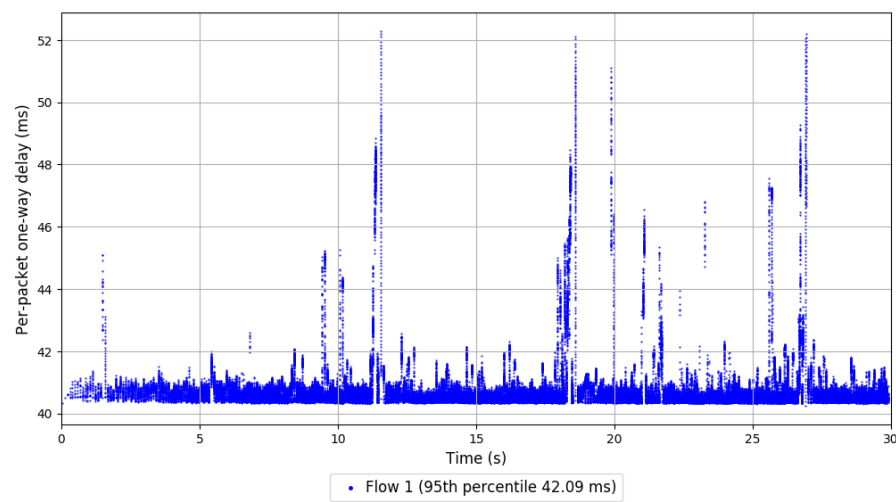
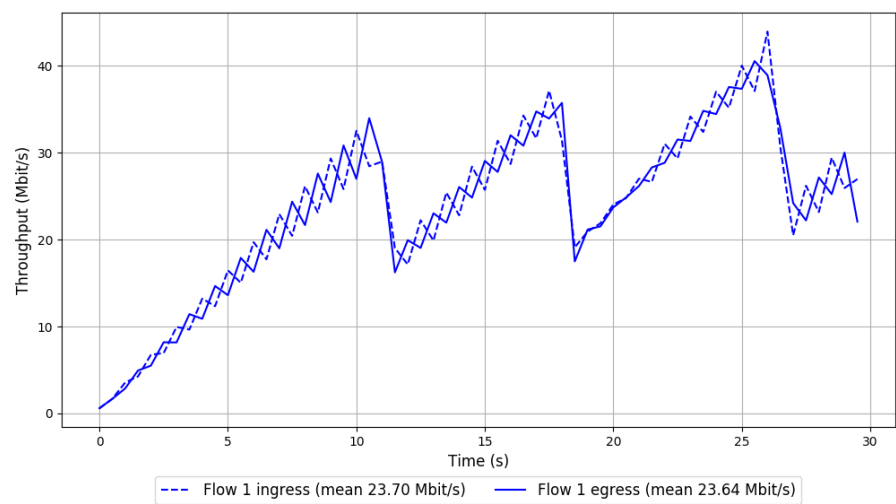


Run 10: Statistics of LEDBAT

Start at: 2017-08-16 21:47:23
End at: 2017-08-16 21:47:53
Local clock offset: -0.461 ms
Remote clock offset: -0.418 ms

Below is generated by plot.py at 2017-08-17 01:48:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 23.64 Mbit/s
95th percentile per-packet one-way delay: 42.089 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 23.64 Mbit/s
95th percentile per-packet one-way delay: 42.089 ms
Loss rate: 0.37%

Run 10: Report of LEDBAT — Data Link

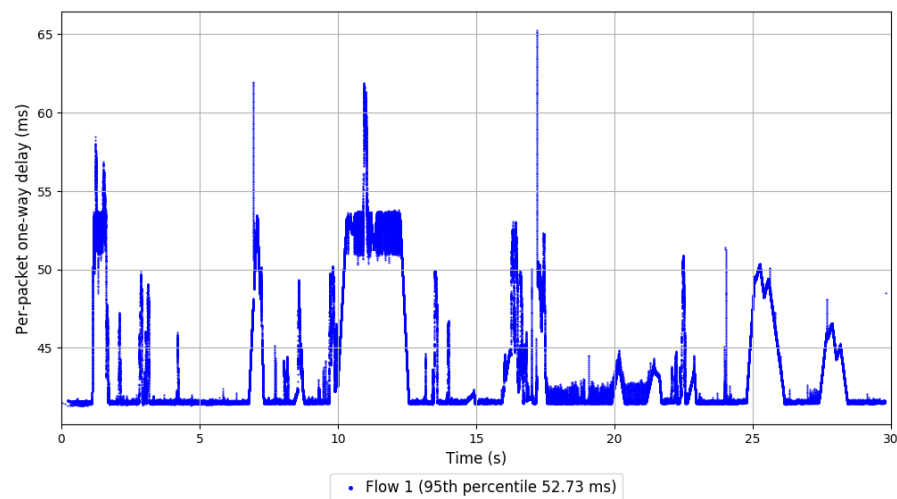
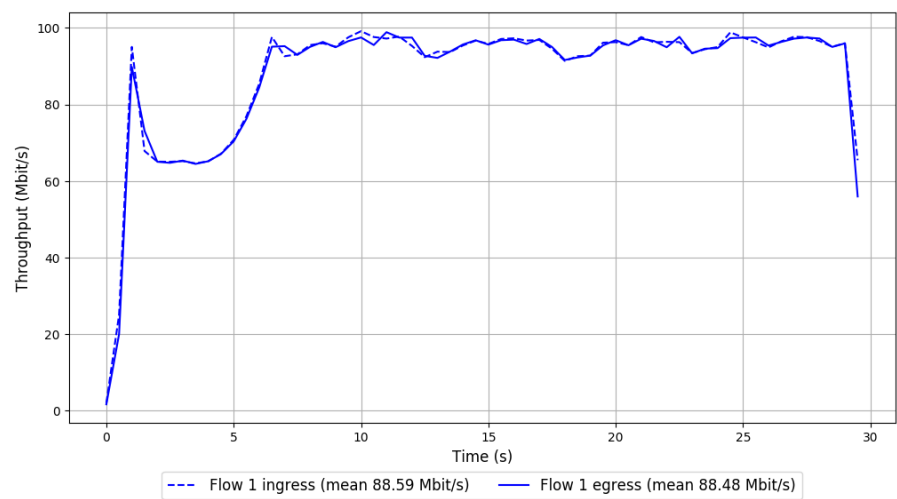


Run 1: Statistics of PCC

Start at: 2017-08-16 18:33:42
End at: 2017-08-16 18:34:12
Local clock offset: 0.721 ms
Remote clock offset: -0.943 ms

Below is generated by plot.py at 2017-08-17 01:48:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.48 Mbit/s
95th percentile per-packet one-way delay: 52.728 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 88.48 Mbit/s
95th percentile per-packet one-way delay: 52.728 ms
Loss rate: 0.40%

Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

Start at: 2017-08-16 18:53:56

End at: 2017-08-16 18:54:26

Local clock offset: 0.844 ms

Remote clock offset: 1.176 ms

Below is generated by plot.py at 2017-08-17 01:48:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.64 Mbit/s

95th percentile per-packet one-way delay: 46.057 ms

Loss rate: 0.46%

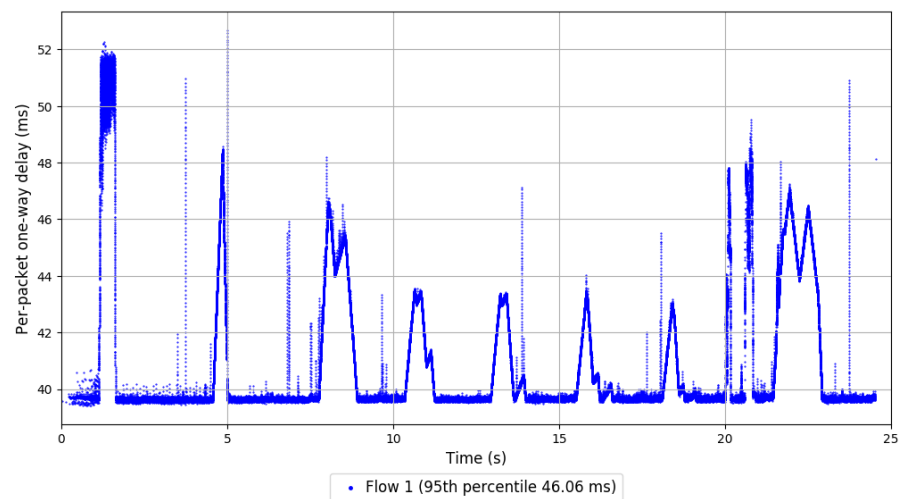
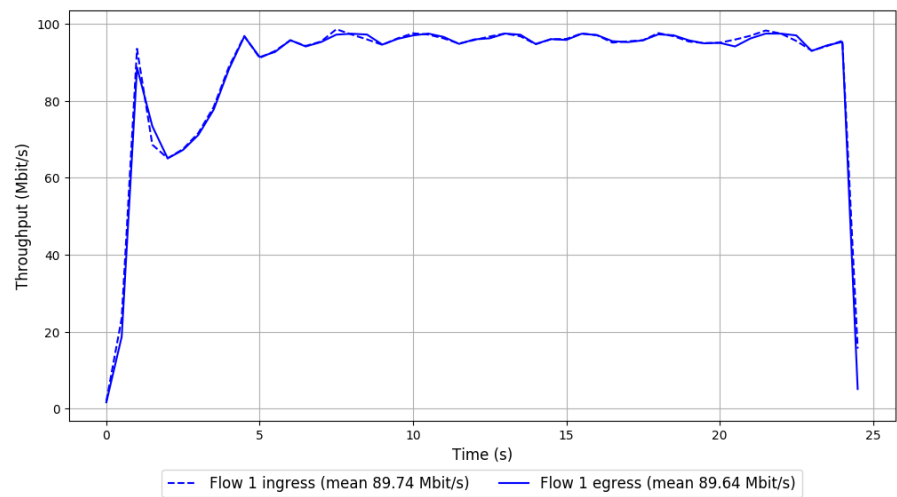
-- Flow 1:

Average throughput: 89.64 Mbit/s

95th percentile per-packet one-way delay: 46.057 ms

Loss rate: 0.46%

Run 2: Report of PCC — Data Link



Run 3: Statistics of PCC

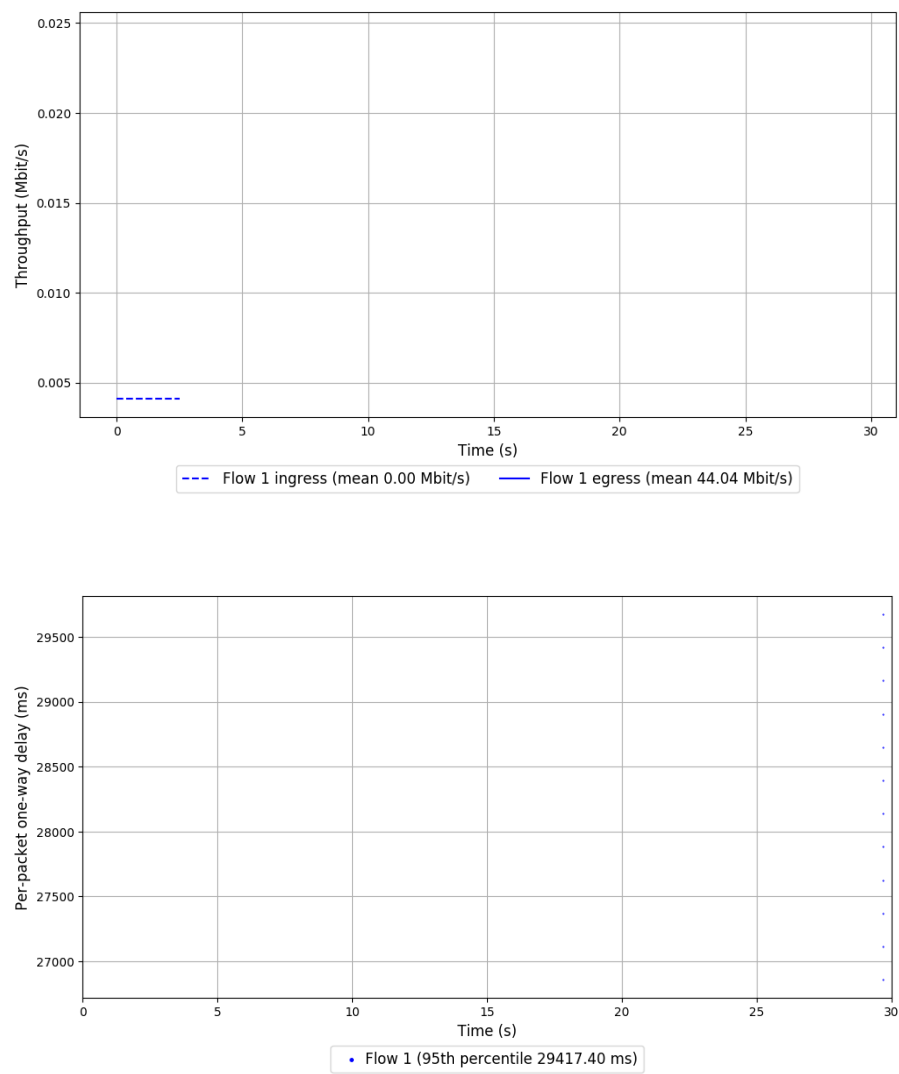
Start at: 2017-08-16 19:14:26

End at: 2017-08-16 19:14:56

Local clock offset: 0.619 ms

Remote clock offset: 1.527 ms

Run 3: Report of PCC — Data Link



Run 4: Statistics of PCC

Start at: 2017-08-16 19:34:49

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

Local clock offset: 0.316 ms

Remote clock offset: 1.724 ms

Run 4: Report of PCC — Data Link

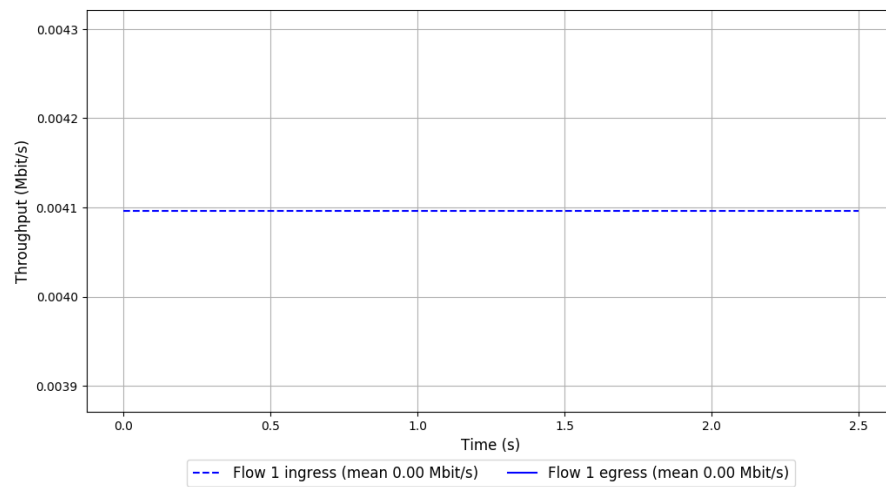


Figure is missing

Run 5: Statistics of PCC

Start at: 2017-08-16 19:55:06

End at: 2017-08-16 19:55:36

Local clock offset: 0.189 ms

Remote clock offset: -0.458 ms

Run 5: Report of PCC — Data Link

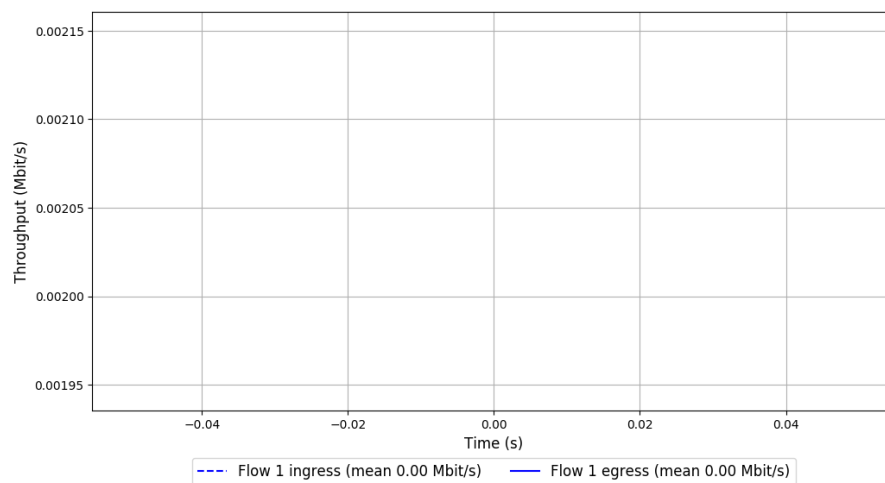


Figure is missing

Run 6: Statistics of PCC

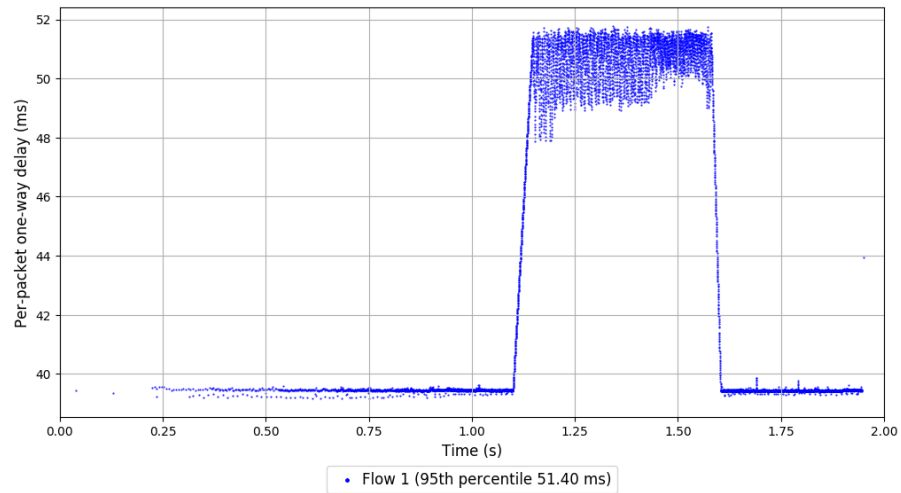
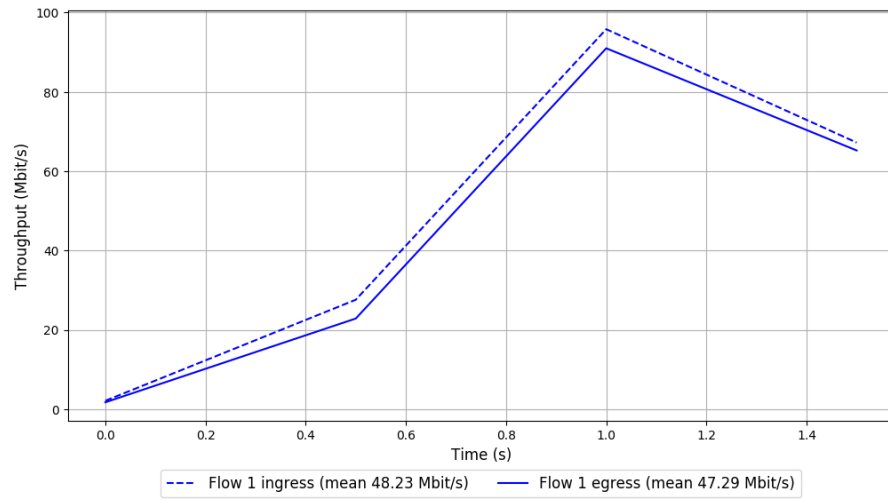
Start at: 2017-08-16 20:15:23

End at: 2017-08-16 20:15:53

Local clock offset: 0.093 ms

Remote clock offset: 1.355 ms

Run 6: Report of PCC — Data Link



Run 7: Statistics of PCC

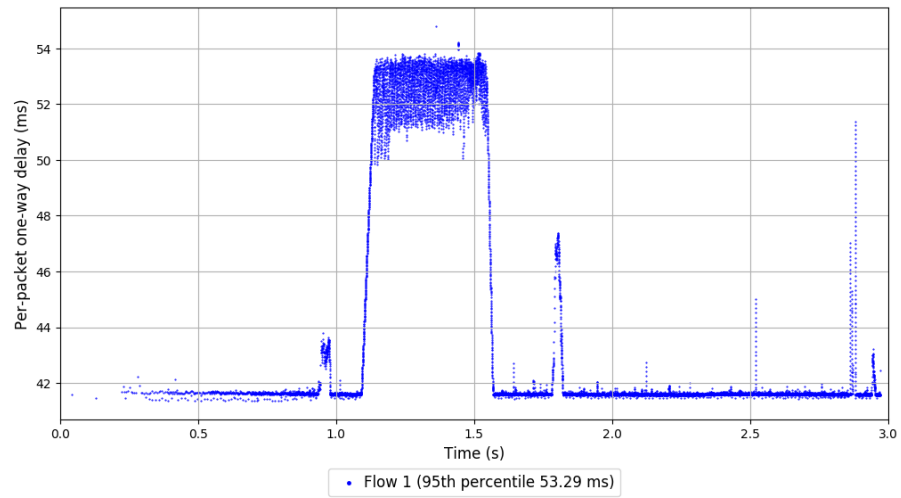
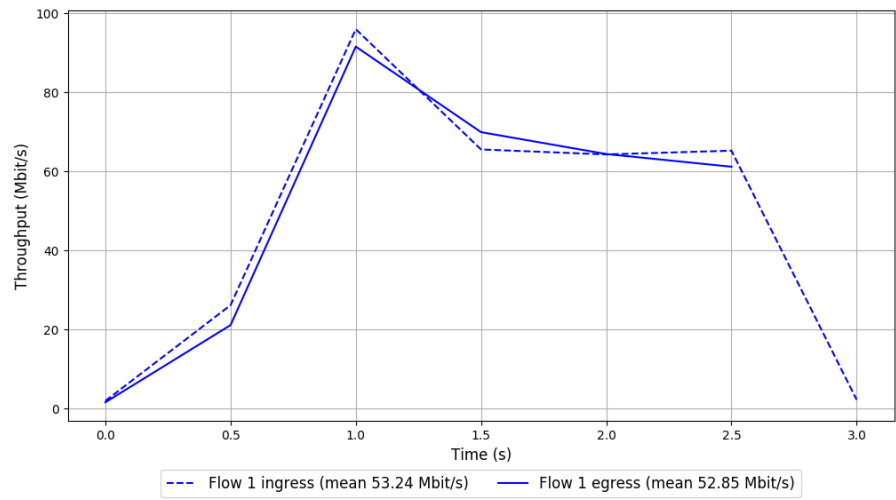
Start at: 2017-08-16 20:35:50

End at: 2017-08-16 20:36:20

Local clock offset: 0.139 ms

Remote clock offset: -0.996 ms

Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

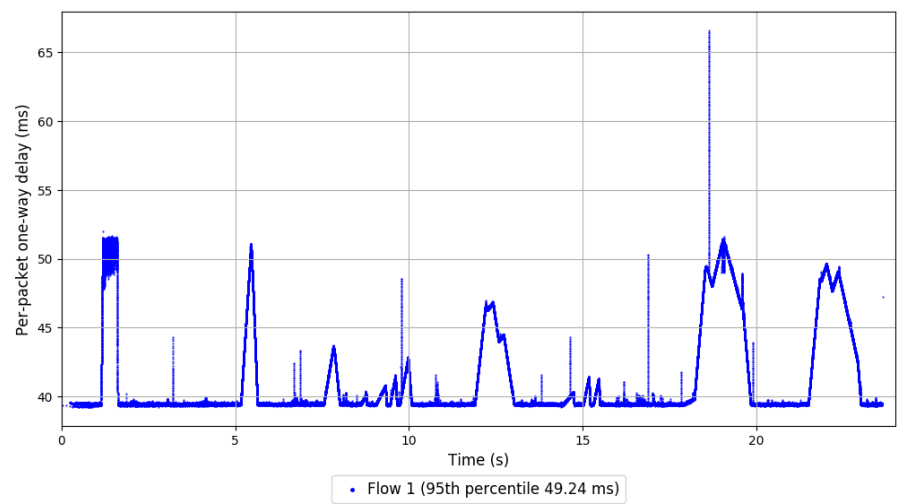
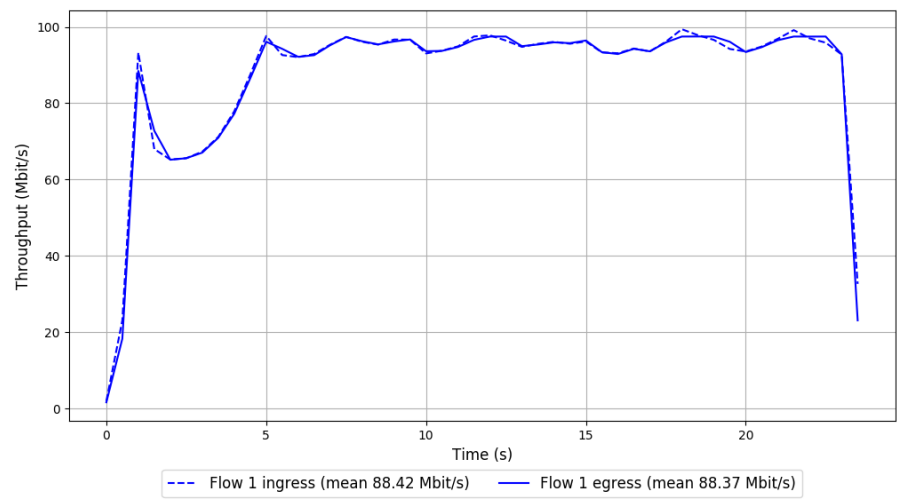
Start at: 2017-08-16 20:56:07

End at: 2017-08-16 20:56:37

Local clock offset: -0.042 ms

Remote clock offset: 0.44 ms

Run 8: Report of PCC — Data Link



Run 9: Statistics of PCC

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

End at: 2017-08-16 21:17:16

Local clock offset: -0.337 ms

Remote clock offset: 0.376 ms

Run 9: Report of PCC — Data Link

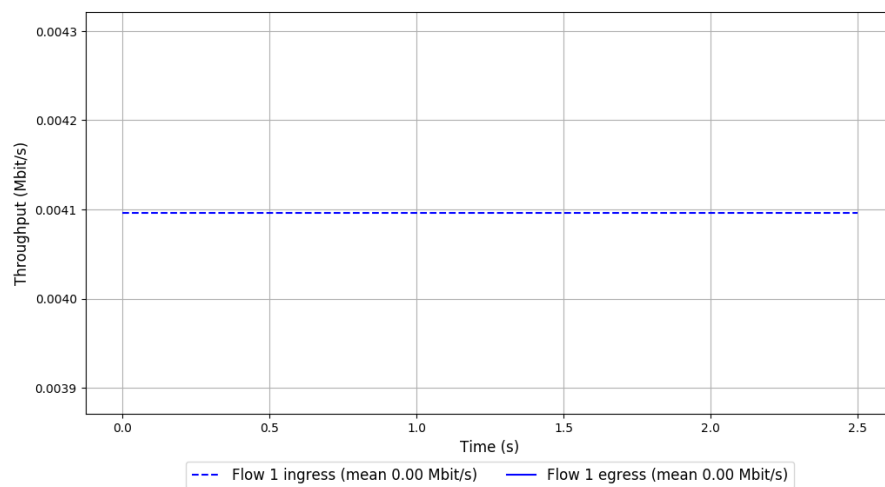


Figure is missing

Run 10: Statistics of PCC

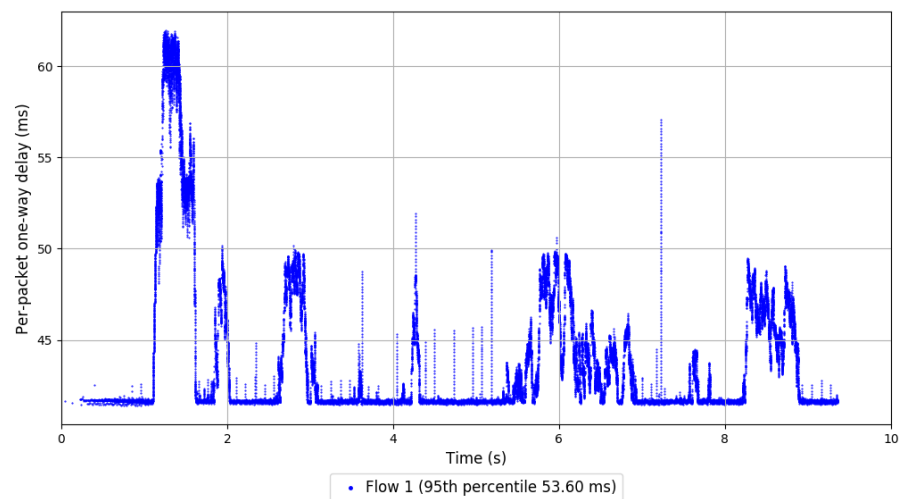
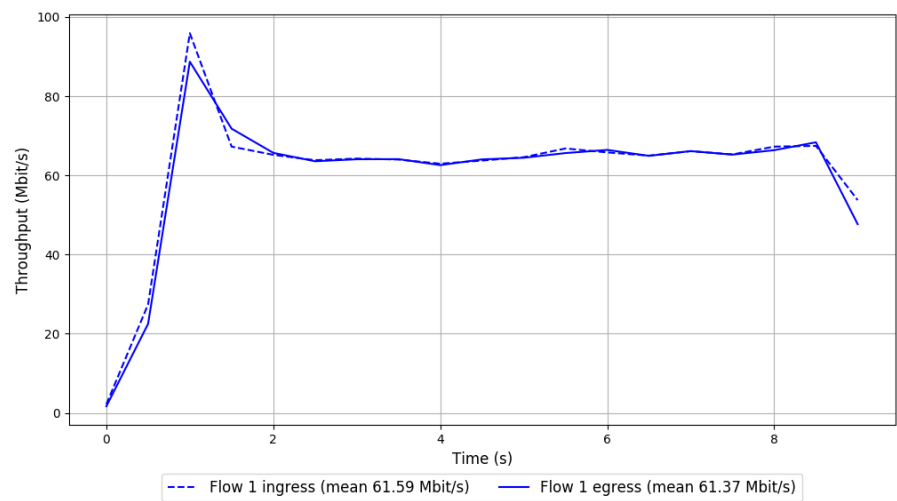
Start at: 2017-08-16 21:37:15

End at: 2017-08-16 21:37:45

Local clock offset: -0.455 ms

Remote clock offset: -2.123 ms

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2017-08-16 18:39:06

End at: 2017-08-16 18:39:36

Local clock offset: 0.852 ms

Remote clock offset: 1.197 ms

Below is generated by plot.py at 2017-08-17 01:48:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 72.11 Mbit/s

95th percentile per-packet one-way delay: 48.432 ms

Loss rate: 0.42%

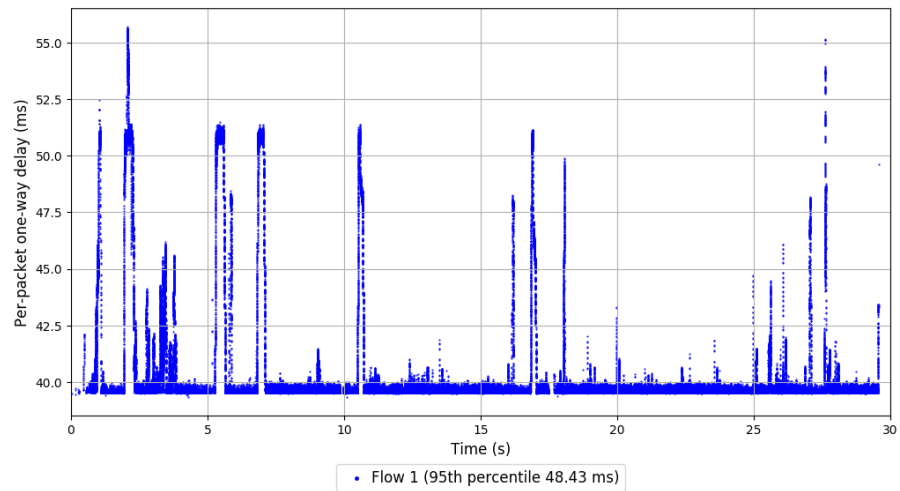
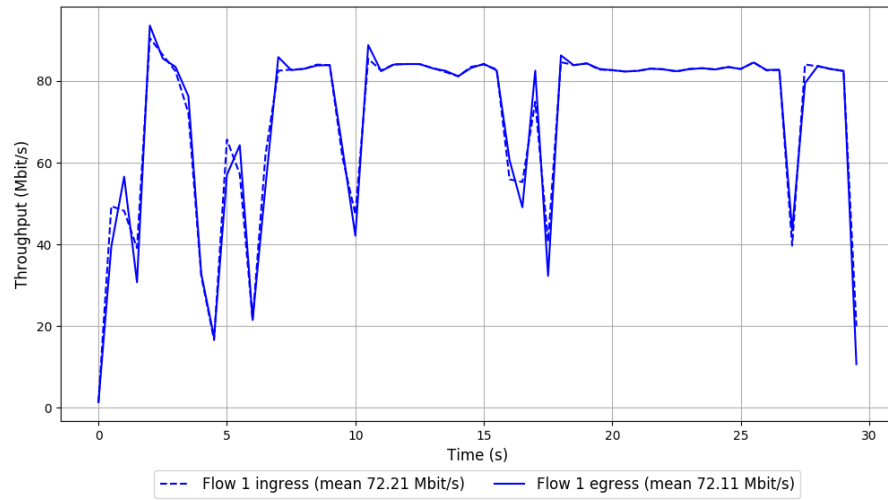
-- Flow 1:

Average throughput: 72.11 Mbit/s

95th percentile per-packet one-way delay: 48.432 ms

Loss rate: 0.42%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2017-08-16 18:59:29

End at: 2017-08-16 18:59:59

Local clock offset: 0.811 ms

Remote clock offset: 1.451 ms

Below is generated by plot.py at 2017-08-17 01:48:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 60.00 Mbit/s

95th percentile per-packet one-way delay: 51.474 ms

Loss rate: 0.48%

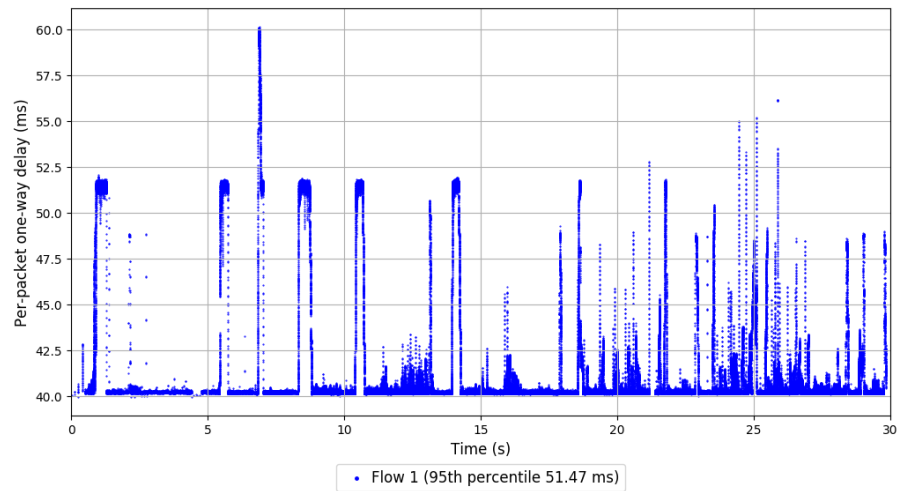
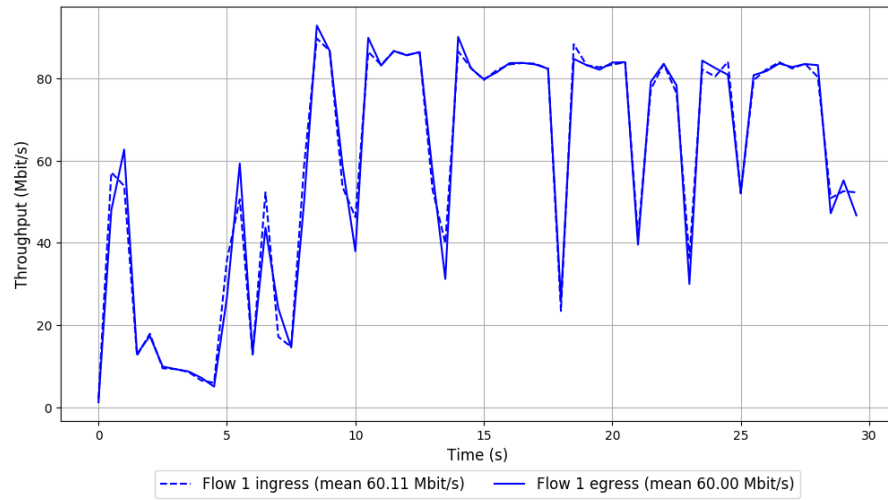
-- Flow 1:

Average throughput: 60.00 Mbit/s

95th percentile per-packet one-way delay: 51.474 ms

Loss rate: 0.48%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

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

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

Local clock offset: 0.595 ms

Remote clock offset: -0.493 ms

Below is generated by plot.py at 2017-08-17 01:48:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 63.00 Mbit/s

95th percentile per-packet one-way delay: 53.000 ms

Loss rate: 0.43%

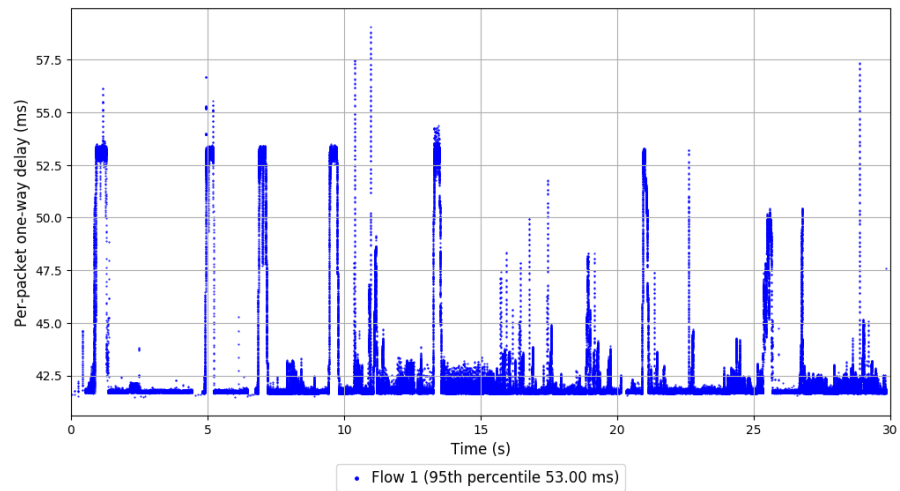
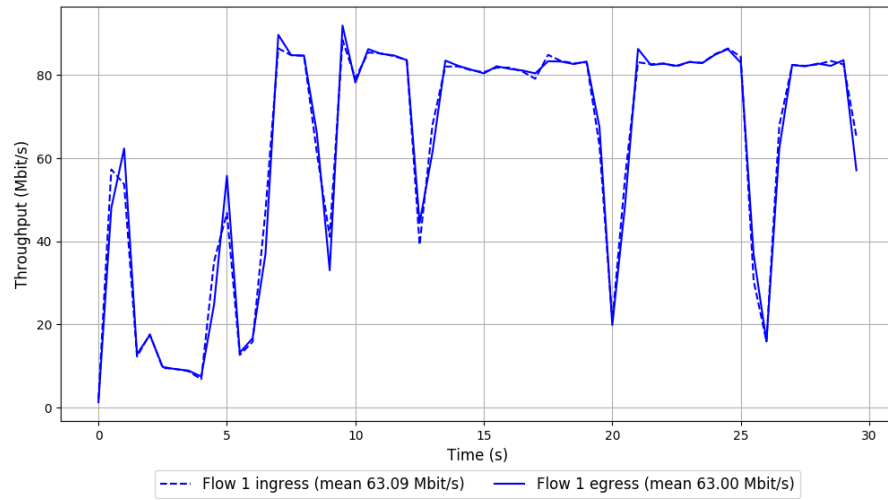
-- Flow 1:

Average throughput: 63.00 Mbit/s

95th percentile per-packet one-way delay: 53.000 ms

Loss rate: 0.43%

Run 3: Report of QUIC Cubic — Data Link

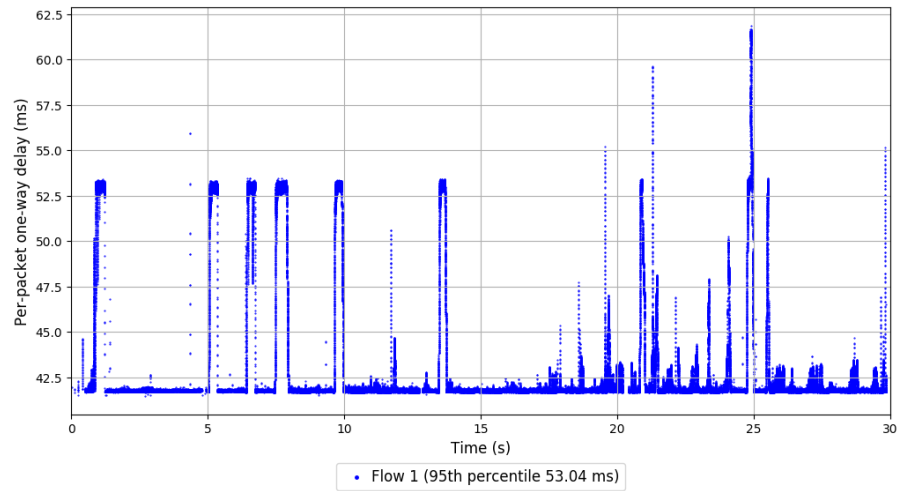
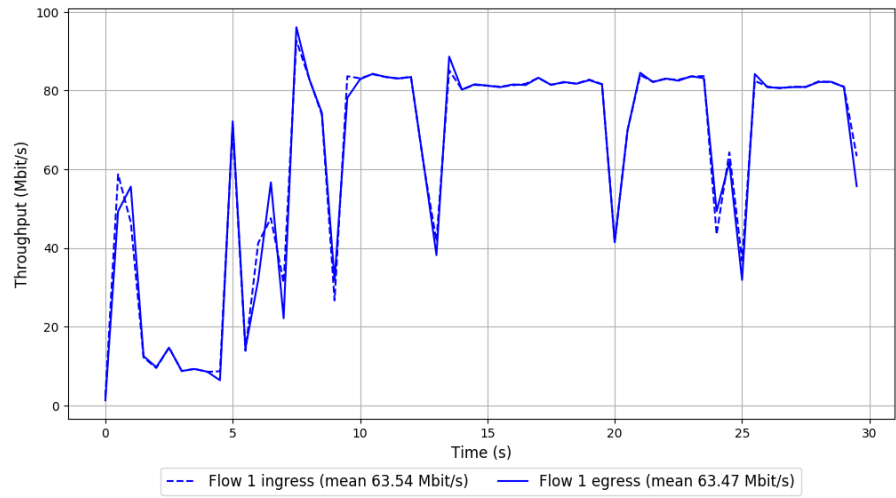


Run 4: Statistics of QUIC Cubic

Start at: 2017-08-16 19:40:11
End at: 2017-08-16 19:40:41
Local clock offset: 0.356 ms
Remote clock offset: -0.518 ms

Below is generated by plot.py at 2017-08-17 01:48:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 63.47 Mbit/s
95th percentile per-packet one-way delay: 53.036 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 63.47 Mbit/s
95th percentile per-packet one-way delay: 53.036 ms
Loss rate: 0.40%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2017-08-16 20:00:29

End at: 2017-08-16 20:00:59

Local clock offset: 0.153 ms

Remote clock offset: 1.363 ms

Below is generated by plot.py at 2017-08-17 01:49:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 63.06 Mbit/s

95th percentile per-packet one-way delay: 51.062 ms

Loss rate: 0.42%

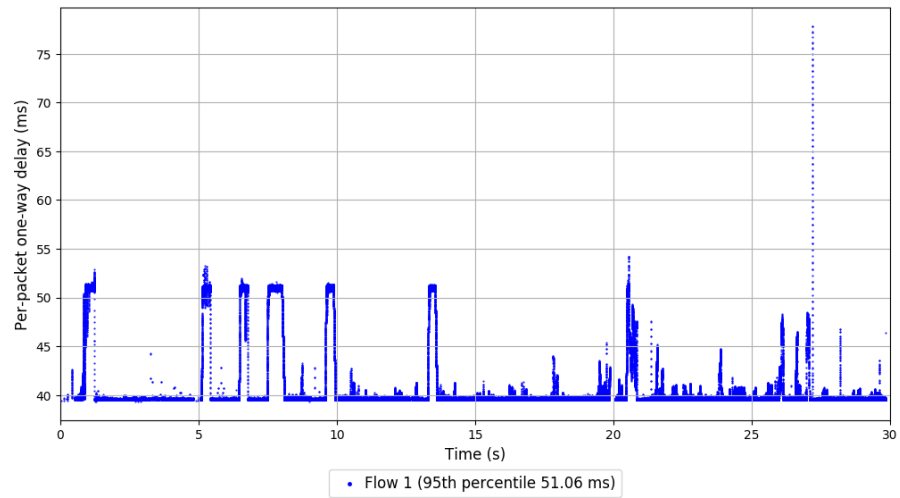
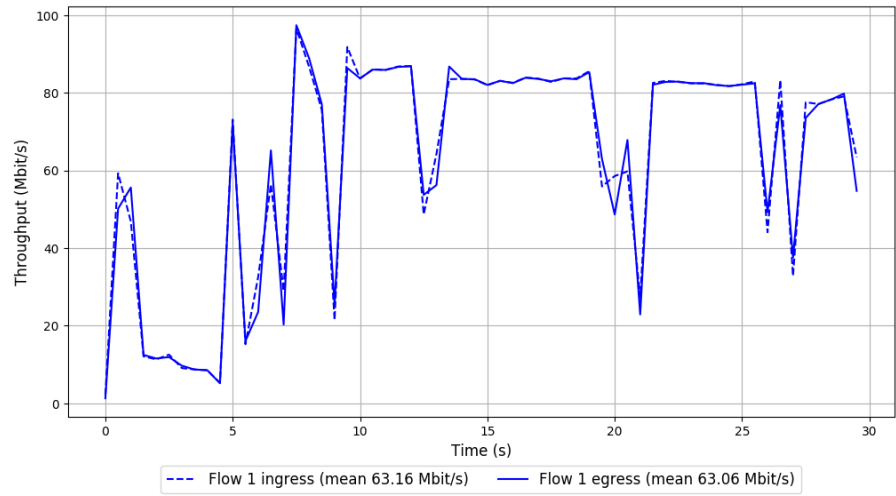
-- Flow 1:

Average throughput: 63.06 Mbit/s

95th percentile per-packet one-way delay: 51.062 ms

Loss rate: 0.42%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2017-08-16 20:20:45

End at: 2017-08-16 20:21:15

Local clock offset: 0.07 ms

Remote clock offset: 1.143 ms

Below is generated by plot.py at 2017-08-17 01:49:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 64.32 Mbit/s

95th percentile per-packet one-way delay: 50.669 ms

Loss rate: 0.39%

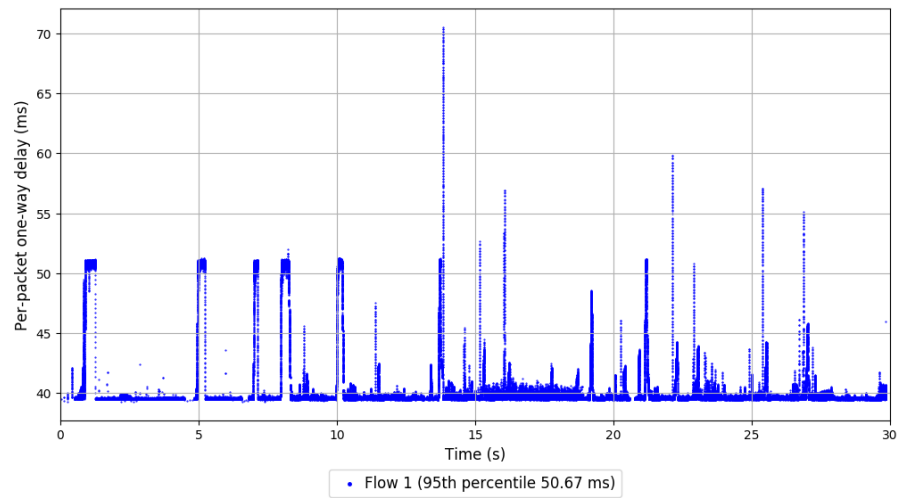
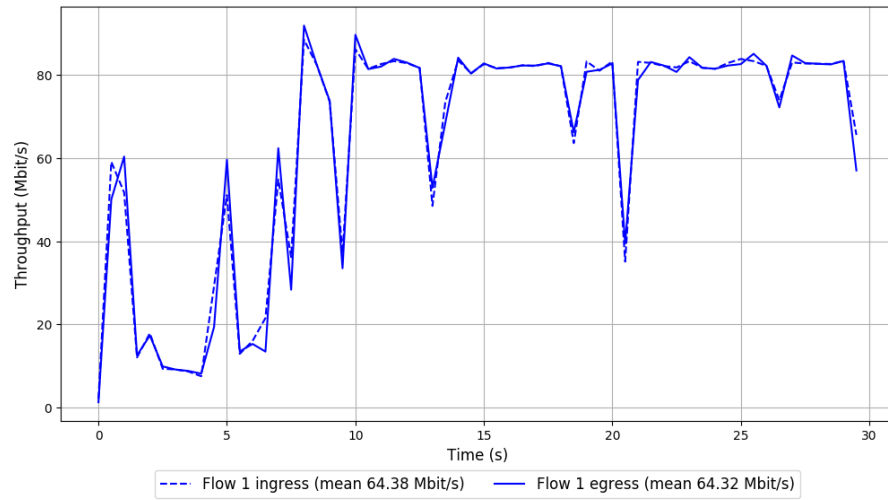
-- Flow 1:

Average throughput: 64.32 Mbit/s

95th percentile per-packet one-way delay: 50.669 ms

Loss rate: 0.39%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: 2017-08-16 20:41:14

End at: 2017-08-16 20:41:44

Local clock offset: 0.115 ms

Remote clock offset: 1.252 ms

Below is generated by plot.py at 2017-08-17 01:49:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 67.07 Mbit/s

95th percentile per-packet one-way delay: 45.066 ms

Loss rate: 0.41%

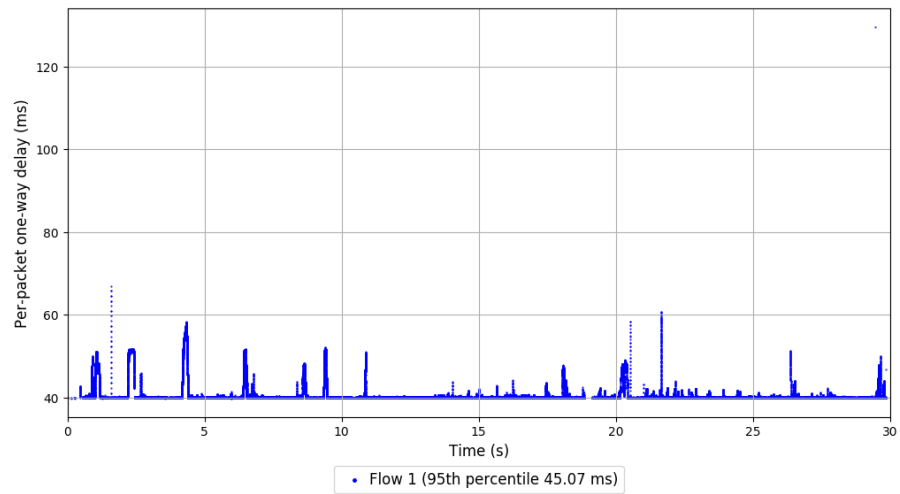
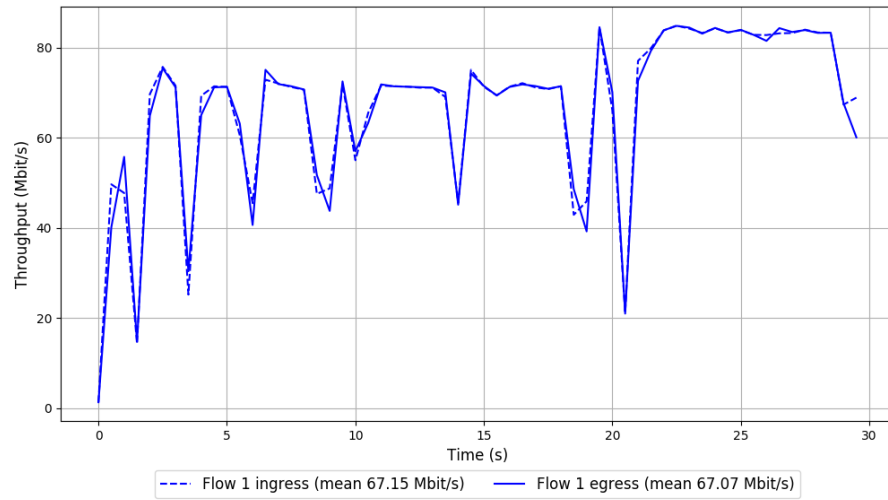
-- Flow 1:

Average throughput: 67.07 Mbit/s

95th percentile per-packet one-way delay: 45.066 ms

Loss rate: 0.41%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2017-08-16 21:01:29

End at: 2017-08-16 21:01:59

Local clock offset: -0.119 ms

Remote clock offset: -1.809 ms

Below is generated by plot.py at 2017-08-17 01:49:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 58.90 Mbit/s

95th percentile per-packet one-way delay: 53.500 ms

Loss rate: 0.34%

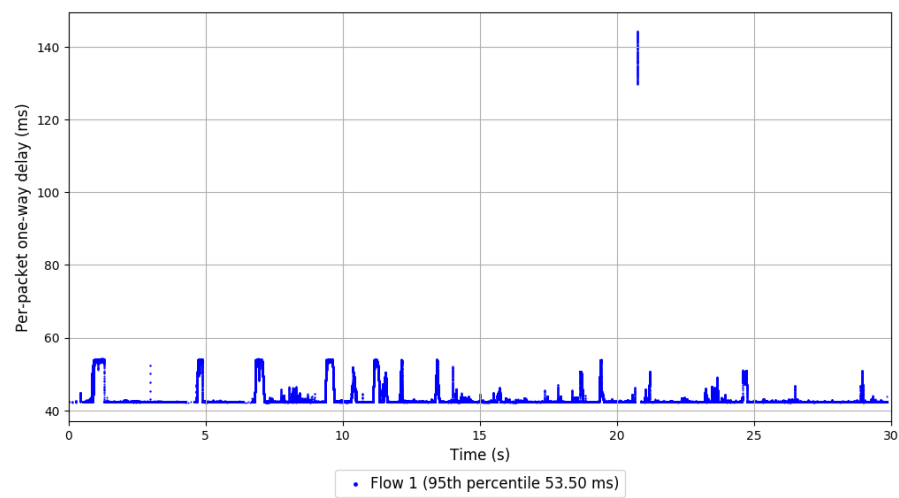
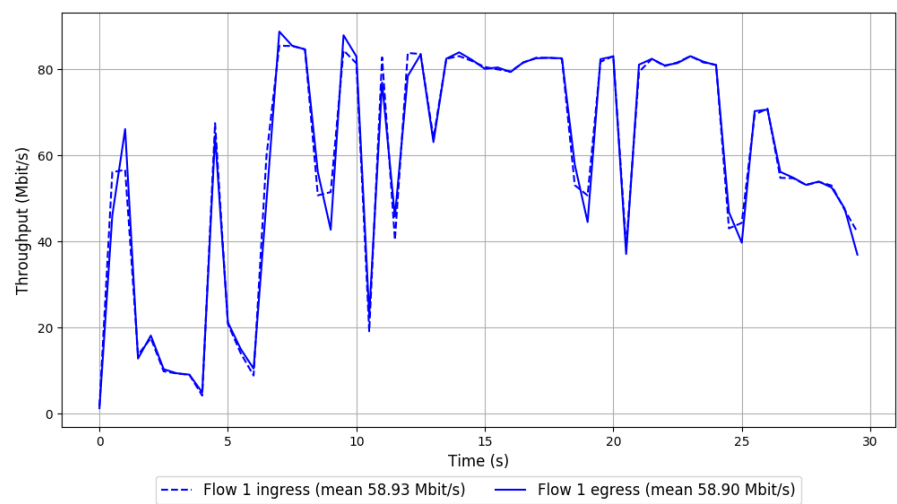
-- Flow 1:

Average throughput: 58.90 Mbit/s

95th percentile per-packet one-way delay: 53.500 ms

Loss rate: 0.34%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2017-08-16 21:22:06

End at: 2017-08-16 21:22:36

Local clock offset: -0.492 ms

Remote clock offset: -0.047 ms

Below is generated by plot.py at 2017-08-17 01:49:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 60.55 Mbit/s

95th percentile per-packet one-way delay: 51.374 ms

Loss rate: 0.13%

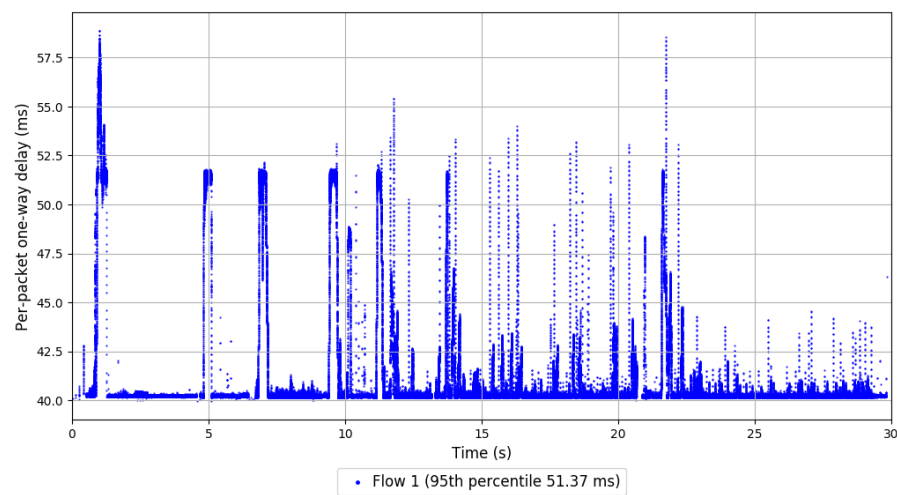
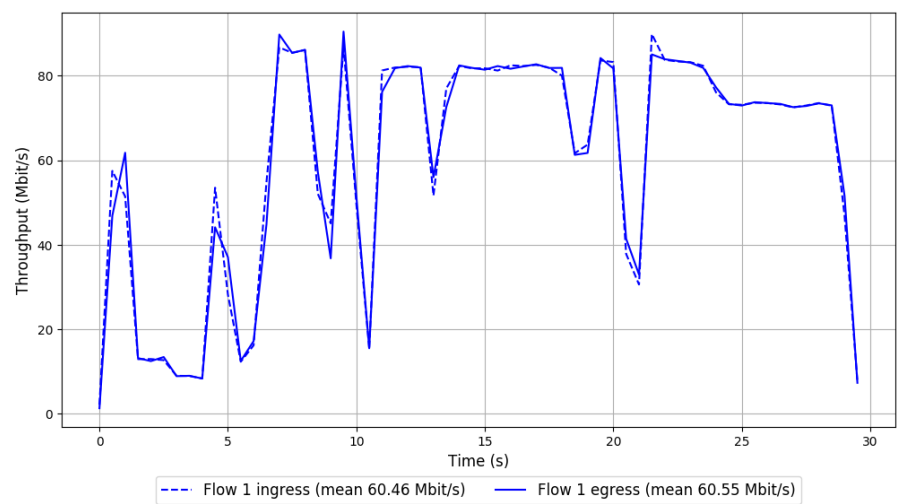
-- Flow 1:

Average throughput: 60.55 Mbit/s

95th percentile per-packet one-way delay: 51.374 ms

Loss rate: 0.13%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2017-08-16 21:42:52

End at: 2017-08-16 21:43:22

Local clock offset: -0.56 ms

Remote clock offset: -0.265 ms

Below is generated by plot.py at 2017-08-17 01:49:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 51.42 Mbit/s

95th percentile per-packet one-way delay: 44.747 ms

Loss rate: 0.72%

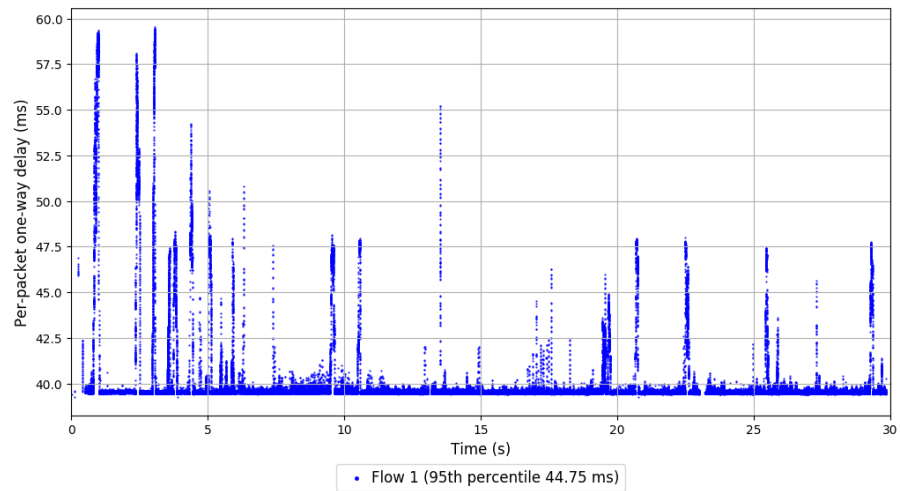
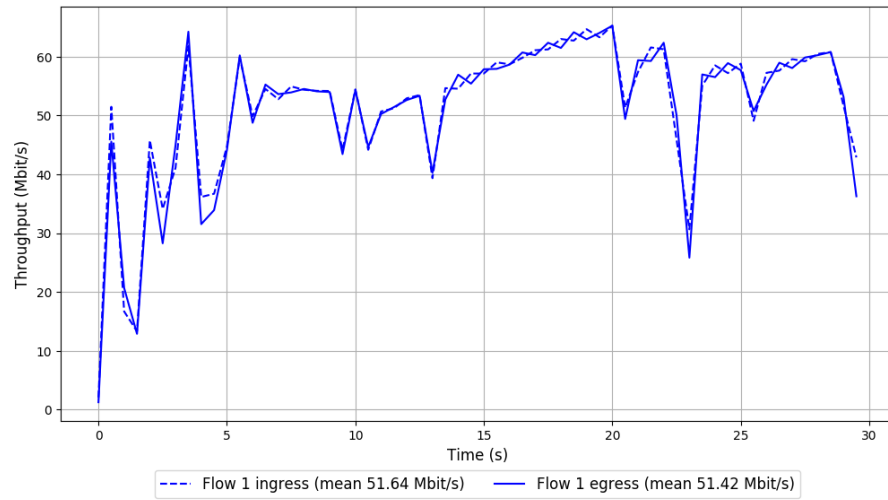
-- Flow 1:

Average throughput: 51.42 Mbit/s

95th percentile per-packet one-way delay: 44.747 ms

Loss rate: 0.72%

Run 10: Report of QUIC Cubic — Data Link



Run 1: Statistics of Saturator

Start at: 2017-08-16 18:49:55

End at: 2017-08-16 18:50:25

Local clock offset: 0.782 ms

Remote clock offset: 1.248 ms

Below is generated by plot.py at 2017-08-17 01:49:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 26.40 Mbit/s

95th percentile per-packet one-way delay: 40.304 ms

Loss rate: 0.30%

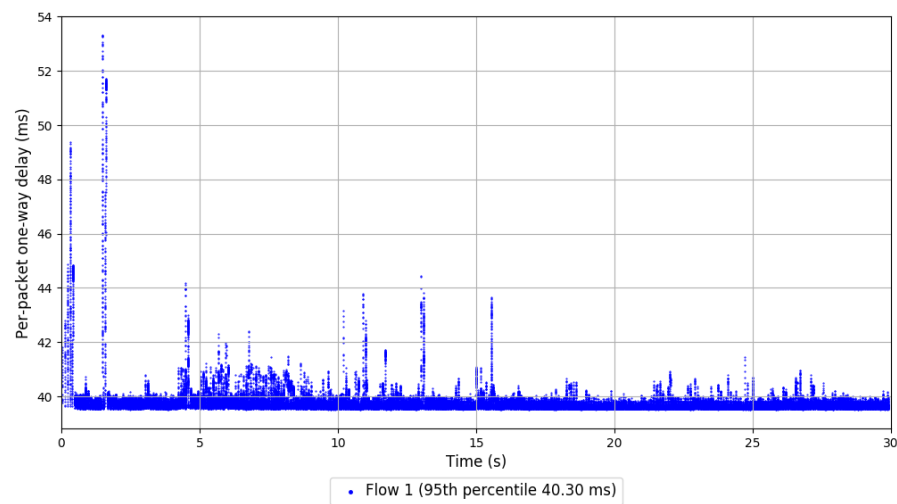
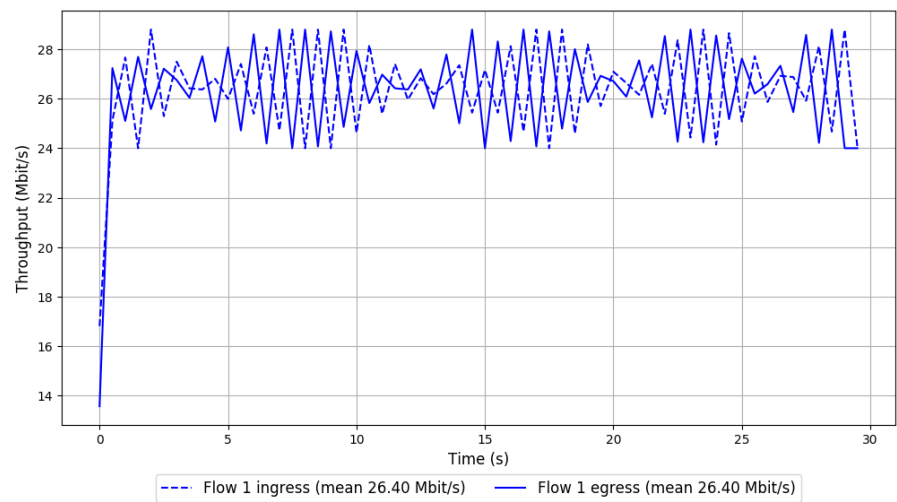
-- Flow 1:

Average throughput: 26.40 Mbit/s

95th percentile per-packet one-way delay: 40.304 ms

Loss rate: 0.30%

Run 1: Report of Saturator — Data Link



Run 2: Statistics of Saturator

Start at: 2017-08-16 19:10:20

End at: 2017-08-16 19:10:50

Local clock offset: 0.664 ms

Remote clock offset: 1.712 ms

Below is generated by plot.py at 2017-08-17 01:49:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 26.37 Mbit/s

95th percentile per-packet one-way delay: 40.119 ms

Loss rate: 0.38%

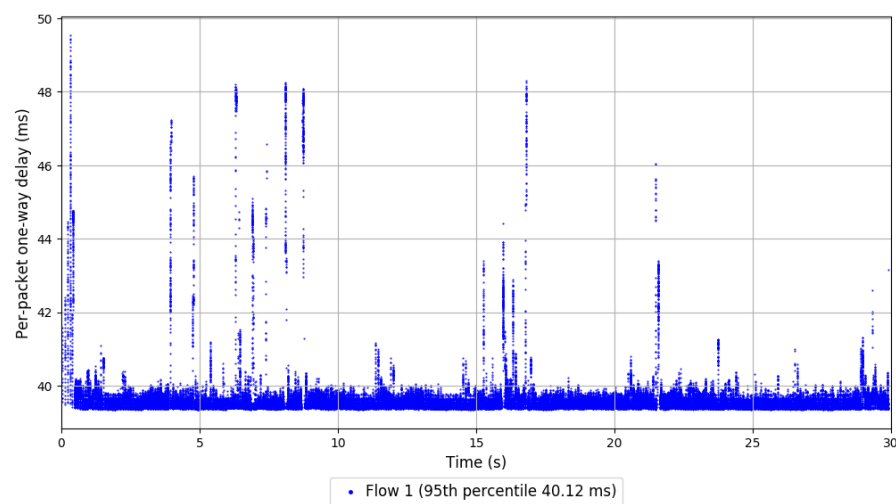
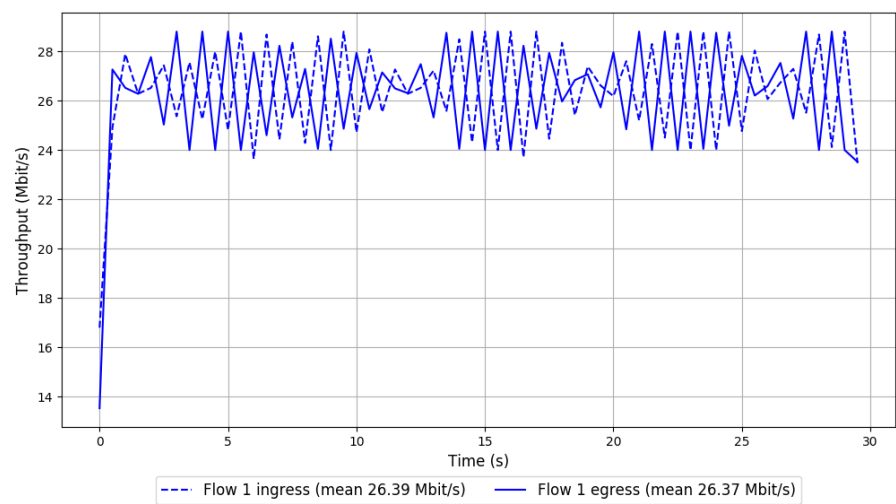
-- Flow 1:

Average throughput: 26.37 Mbit/s

95th percentile per-packet one-way delay: 40.119 ms

Loss rate: 0.38%

Run 2: Report of Saturator — Data Link



Run 3: Statistics of Saturator

Start at: 2017-08-16 19:30:48

End at: 2017-08-16 19:31:18

Local clock offset: 0.463 ms

Remote clock offset: 2.131 ms

Below is generated by plot.py at 2017-08-17 01:49:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 26.27 Mbit/s

95th percentile per-packet one-way delay: 40.467 ms

Loss rate: 0.31%

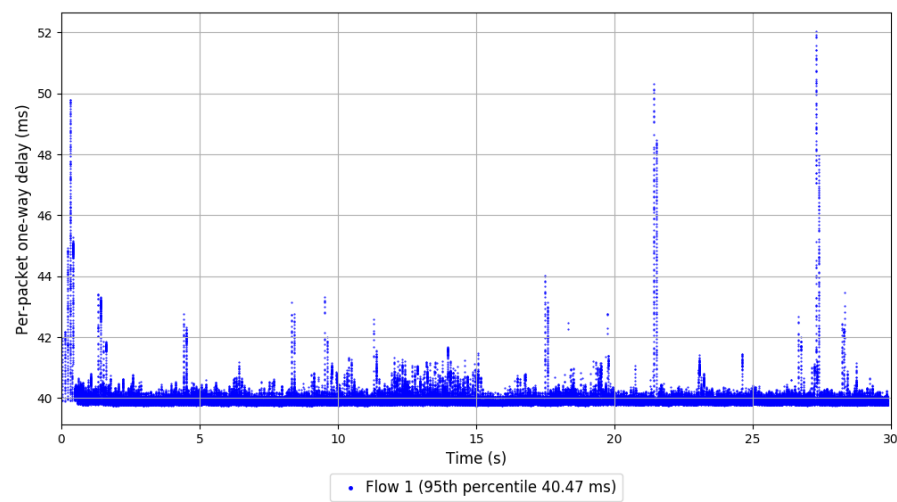
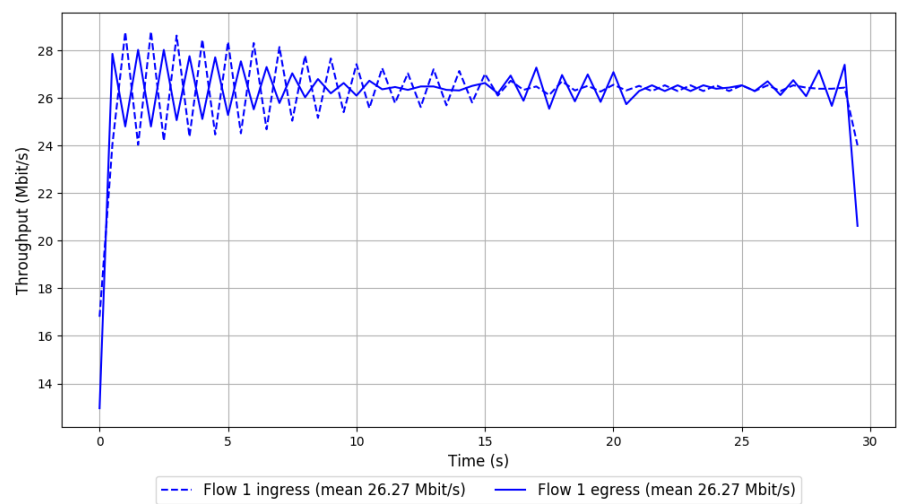
-- Flow 1:

Average throughput: 26.27 Mbit/s

95th percentile per-packet one-way delay: 40.467 ms

Loss rate: 0.31%

Run 3: Report of Saturator — Data Link

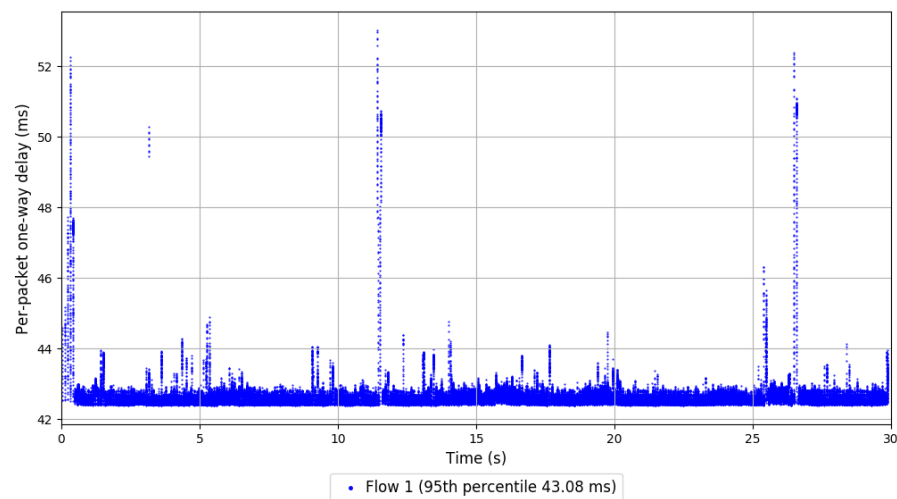
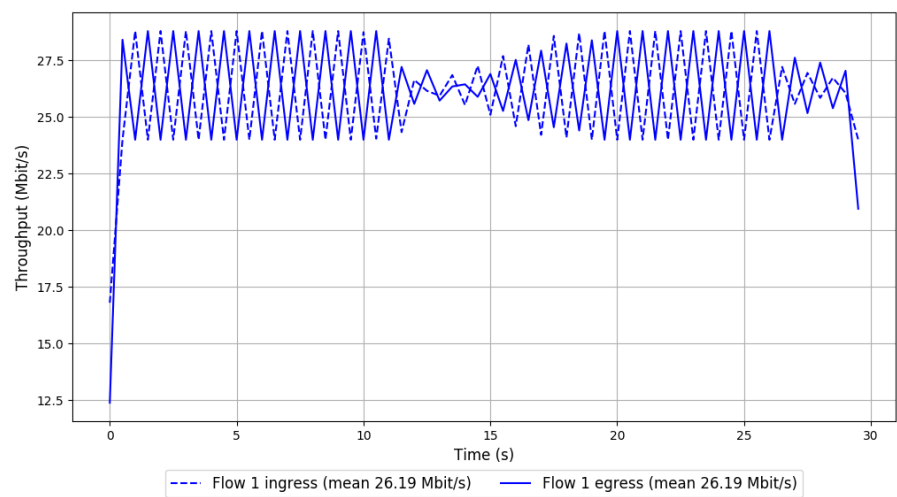


Run 4: Statistics of Saturator

Start at: 2017-08-16 19:51:05
End at: 2017-08-16 19:51:35
Local clock offset: 0.29 ms
Remote clock offset: -0.534 ms

Below is generated by plot.py at 2017-08-17 01:49:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 26.19 Mbit/s
95th percentile per-packet one-way delay: 43.077 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 26.19 Mbit/s
95th percentile per-packet one-way delay: 43.077 ms
Loss rate: 0.31%

Run 4: Report of Saturator — Data Link

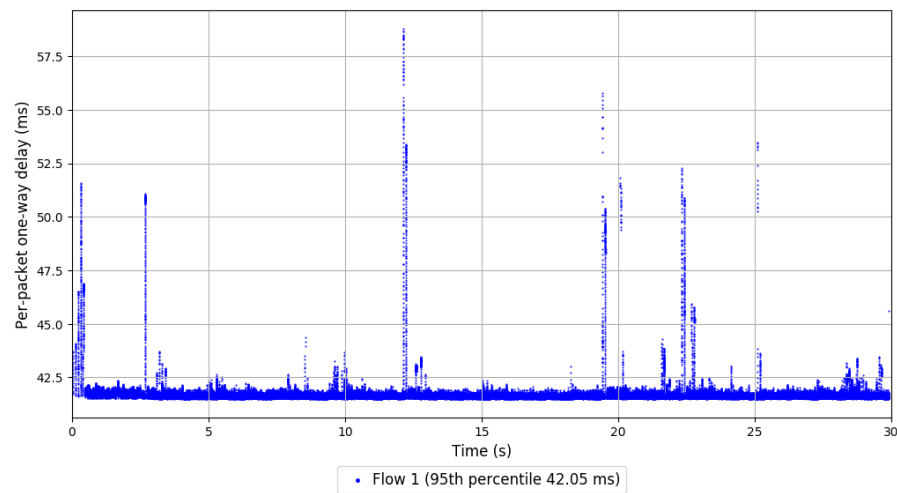
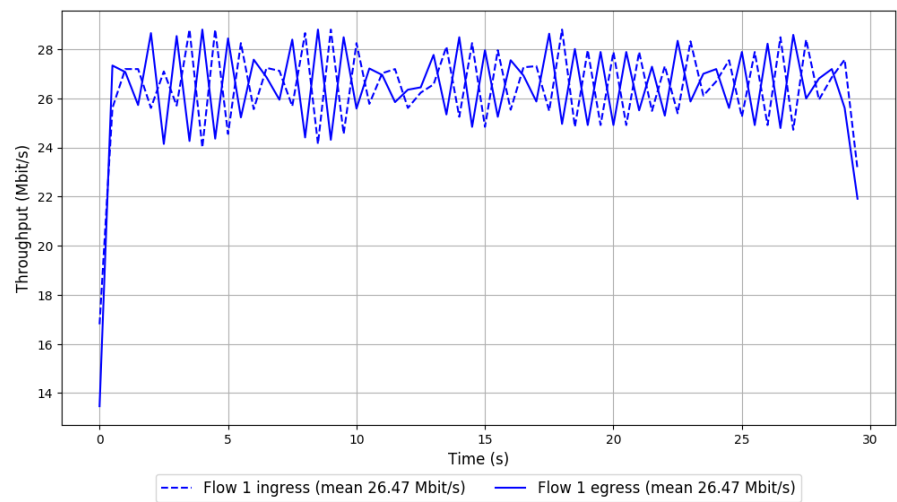


Run 5: Statistics of Saturator

Start at: 2017-08-16 20:11:21
End at: 2017-08-16 20:11:51
Local clock offset: 0.068 ms
Remote clock offset: -0.742 ms

Below is generated by plot.py at 2017-08-17 01:49:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 26.47 Mbit/s
95th percentile per-packet one-way delay: 42.051 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 26.47 Mbit/s
95th percentile per-packet one-way delay: 42.051 ms
Loss rate: 0.30%

Run 5: Report of Saturator — Data Link



Run 6: Statistics of Saturator

Start at: 2017-08-16 20:31:48

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

Local clock offset: 0.045 ms

Remote clock offset: 1.584 ms

Below is generated by plot.py at 2017-08-17 01:49:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 26.26 Mbit/s

95th percentile per-packet one-way delay: 40.328 ms

Loss rate: 0.31%

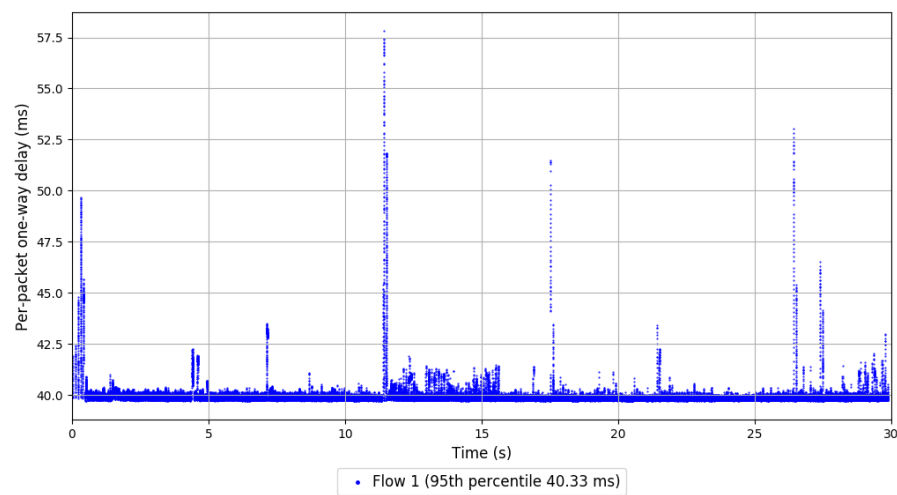
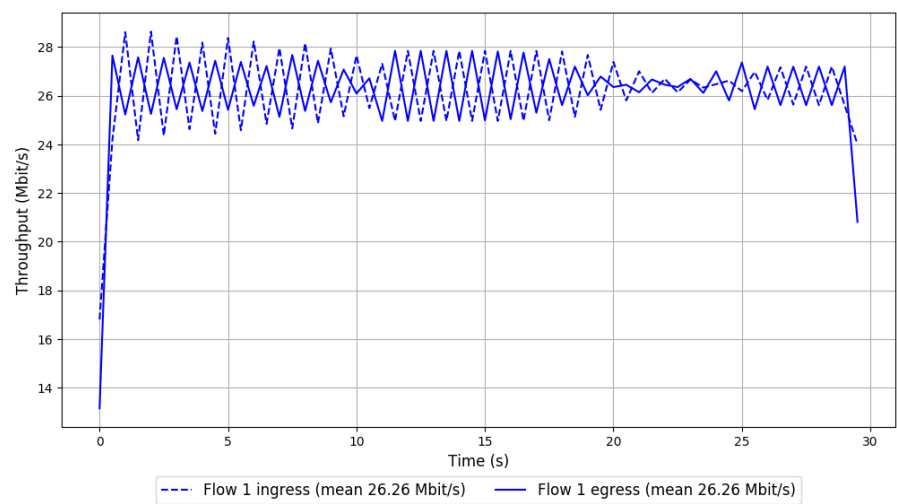
-- Flow 1:

Average throughput: 26.26 Mbit/s

95th percentile per-packet one-way delay: 40.328 ms

Loss rate: 0.31%

Run 6: Report of Saturator — Data Link



Run 7: Statistics of Saturator

Start at: 2017-08-16 20:52:06

End at: 2017-08-16 20:52:36

Local clock offset: -0.001 ms

Remote clock offset: 0.622 ms

Below is generated by plot.py at 2017-08-17 01:49:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 26.40 Mbit/s

95th percentile per-packet one-way delay: 40.228 ms

Loss rate: 0.30%

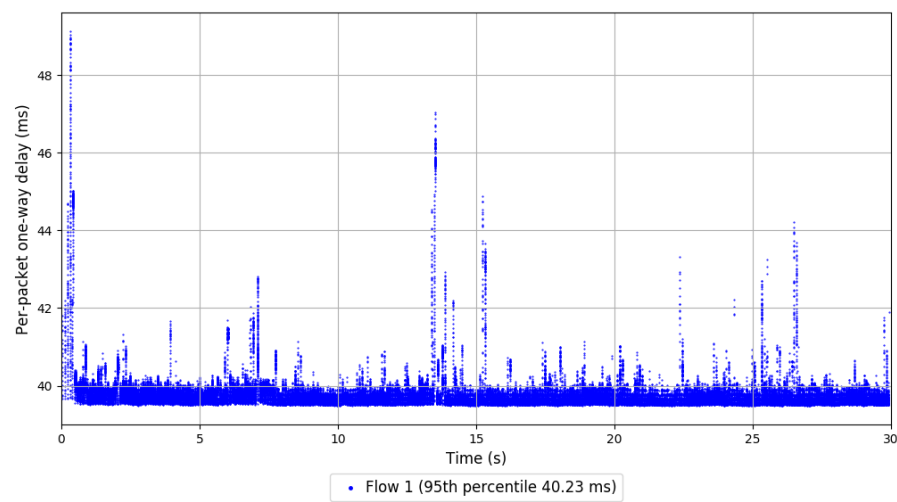
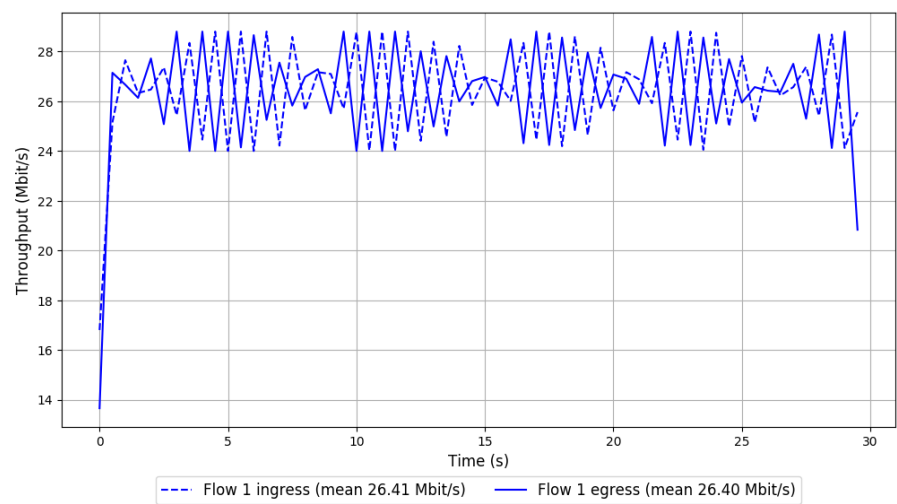
-- Flow 1:

Average throughput: 26.40 Mbit/s

95th percentile per-packet one-way delay: 40.228 ms

Loss rate: 0.30%

Run 7: Report of Saturator — Data Link



Run 8: Statistics of Saturator

Start at: 2017-08-16 21:12:45

End at: 2017-08-16 21:13:15

Local clock offset: -0.34 ms

Remote clock offset: 0.54 ms

Below is generated by plot.py at 2017-08-17 01:49:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 26.66 Mbit/s

95th percentile per-packet one-way delay: 40.606 ms

Loss rate: 0.30%

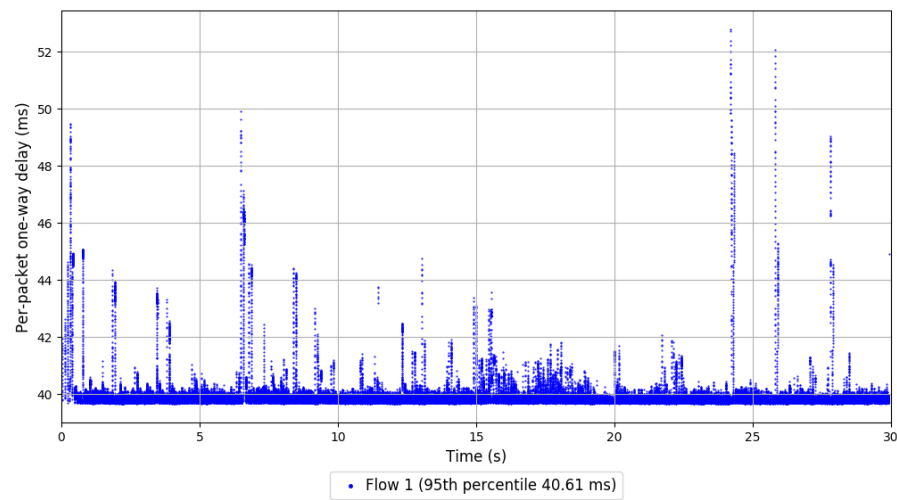
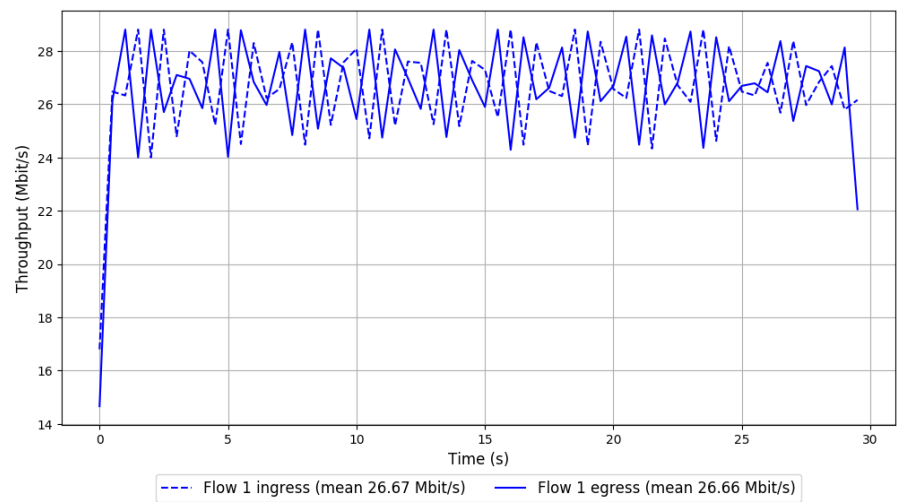
-- Flow 1:

Average throughput: 26.66 Mbit/s

95th percentile per-packet one-way delay: 40.606 ms

Loss rate: 0.30%

Run 8: Report of Saturator — Data Link



Run 9: Statistics of Saturator

Start at: 2017-08-16 21:33:05

End at: 2017-08-16 21:33:35

Local clock offset: -0.548 ms

Remote clock offset: 0.396 ms

Below is generated by plot.py at 2017-08-17 01:49:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 26.20 Mbit/s

95th percentile per-packet one-way delay: 40.982 ms

Loss rate: 0.31%

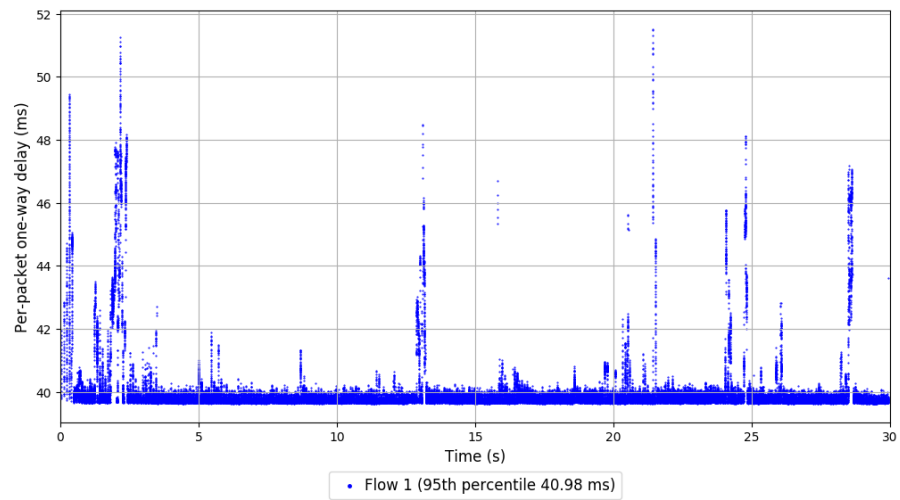
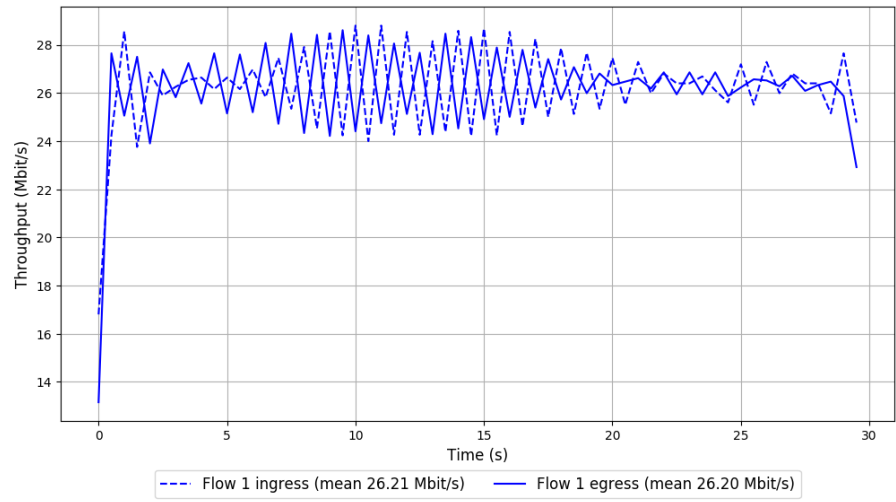
-- Flow 1:

Average throughput: 26.20 Mbit/s

95th percentile per-packet one-way delay: 40.982 ms

Loss rate: 0.31%

Run 9: Report of Saturator — Data Link



Run 10: Statistics of Saturator

Start at: 2017-08-16 21:54:07

End at: 2017-08-16 21:54:37

Local clock offset: -0.463 ms

Remote clock offset: 0.048 ms

Below is generated by plot.py at 2017-08-17 01:49:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 26.28 Mbit/s

95th percentile per-packet one-way delay: 41.090 ms

Loss rate: 0.42%

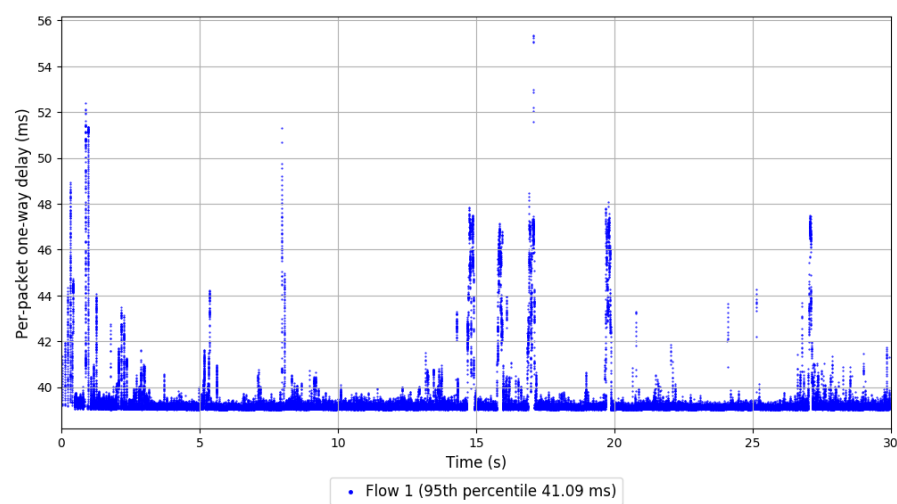
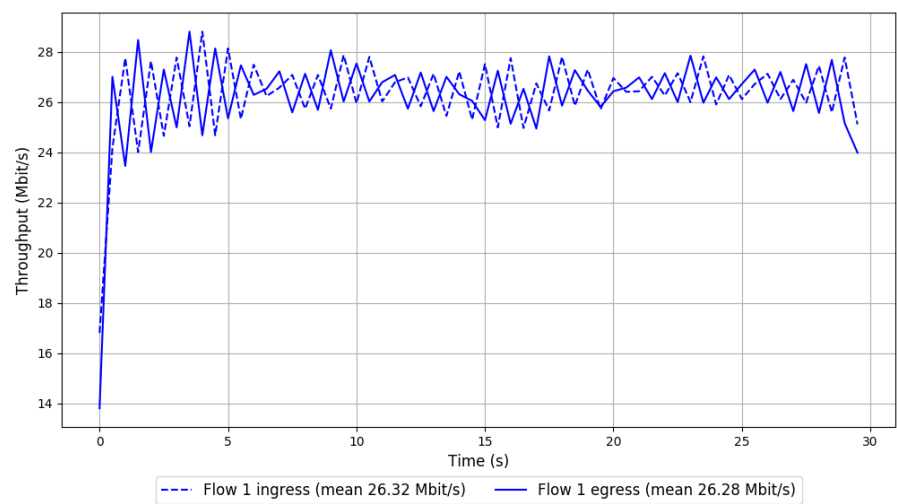
-- Flow 1:

Average throughput: 26.28 Mbit/s

95th percentile per-packet one-way delay: 41.090 ms

Loss rate: 0.42%

Run 10: Report of Saturator — Data Link

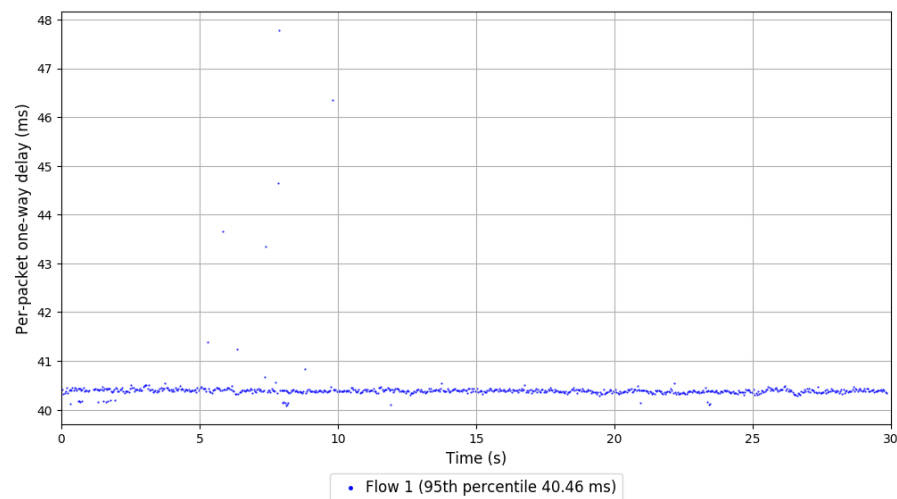
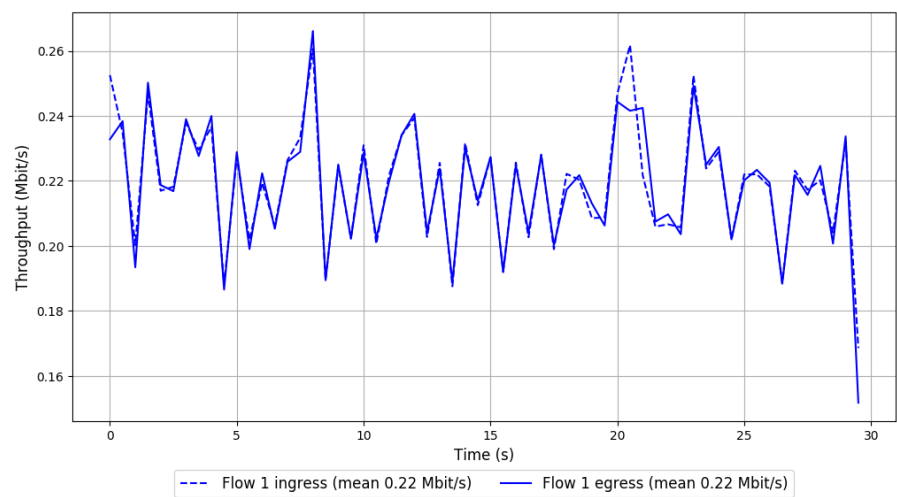


```
Run 1: Statistics of SCReAM

Start at: 2017-08-16 18:45:56
End at: 2017-08-16 18:46:26
Local clock offset: 0.768 ms
Remote clock offset: 1.098 ms

# Below is generated by plot.py at 2017-08-17 01:49:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 40.457 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 40.457 ms
Loss rate: 0.25%
```

Run 1: Report of SReAM — Data Link

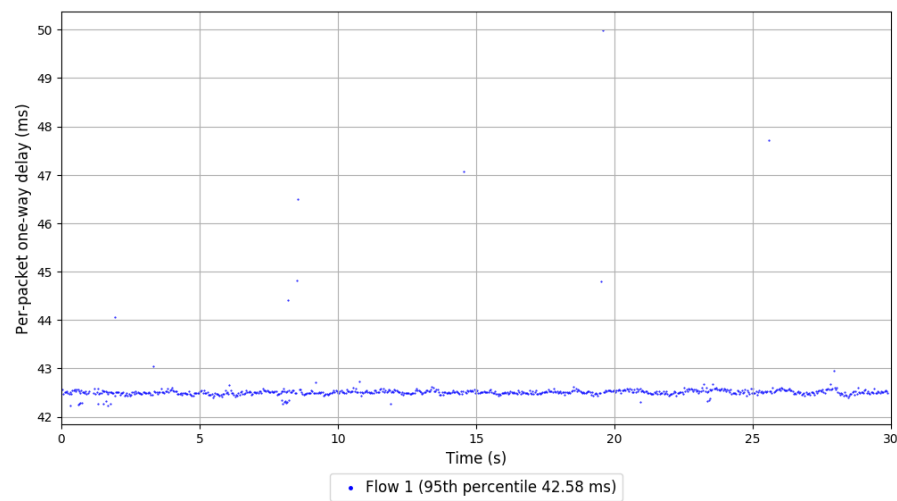
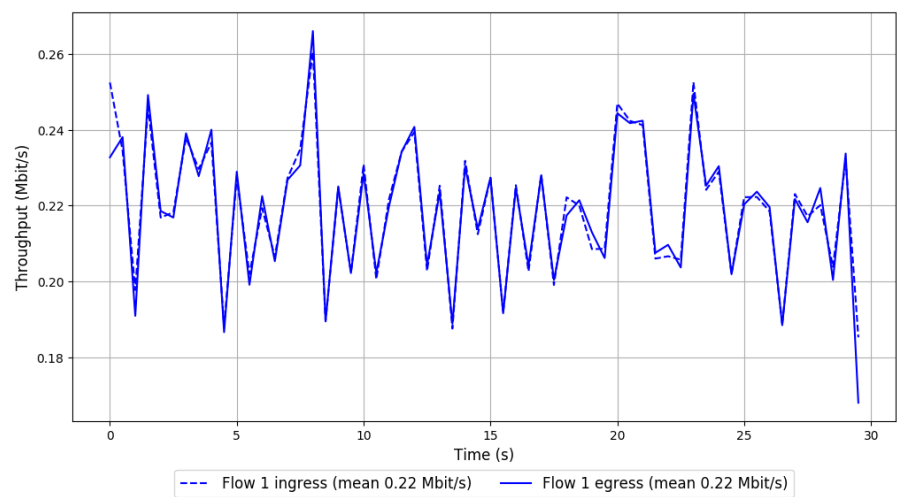


Run 2: Statistics of SCReAM

Start at: 2017-08-16 19:06:18
End at: 2017-08-16 19:06:48
Local clock offset: 0.79 ms
Remote clock offset: -0.534 ms

Below is generated by plot.py at 2017-08-17 01:49:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 42.584 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 42.584 ms
Loss rate: 0.26%

Run 2: Report of SCRaM — Data Link

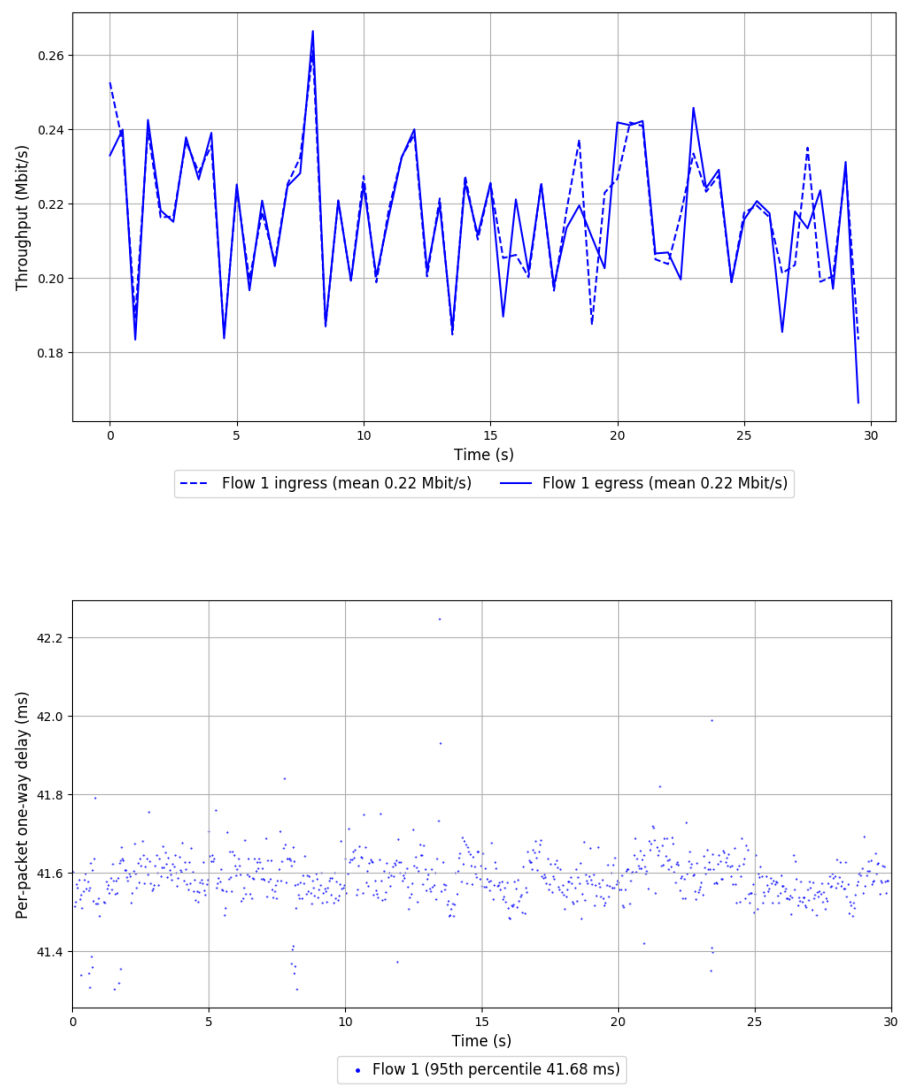


Run 3: Statistics of SCReAM

Start at: 2017-08-16 19:26:47
End at: 2017-08-16 19:27:18
Local clock offset: 0.513 ms
Remote clock offset: -0.371 ms

Below is generated by plot.py at 2017-08-17 01:49:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 41.676 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 41.676 ms
Loss rate: 0.26%

Run 3: Report of SReAM — Data Link



Run 4: Statistics of SCReAM

Start at: 2017-08-16 19:47:05

End at: 2017-08-16 19:47:35

Local clock offset: 0.224 ms

Remote clock offset: 1.673 ms

Below is generated by plot.py at 2017-08-17 01:49:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 40.306 ms

Loss rate: 0.26%

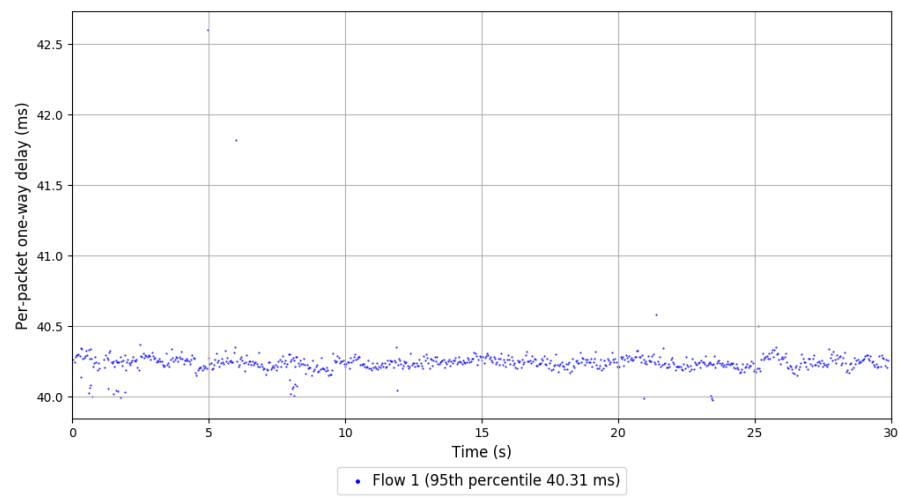
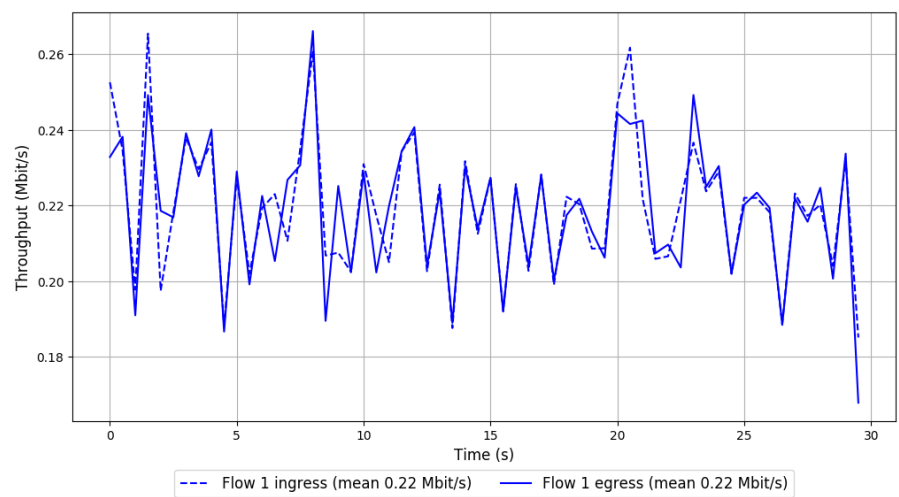
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 40.306 ms

Loss rate: 0.26%

Run 4: Report of SReAM — Data Link

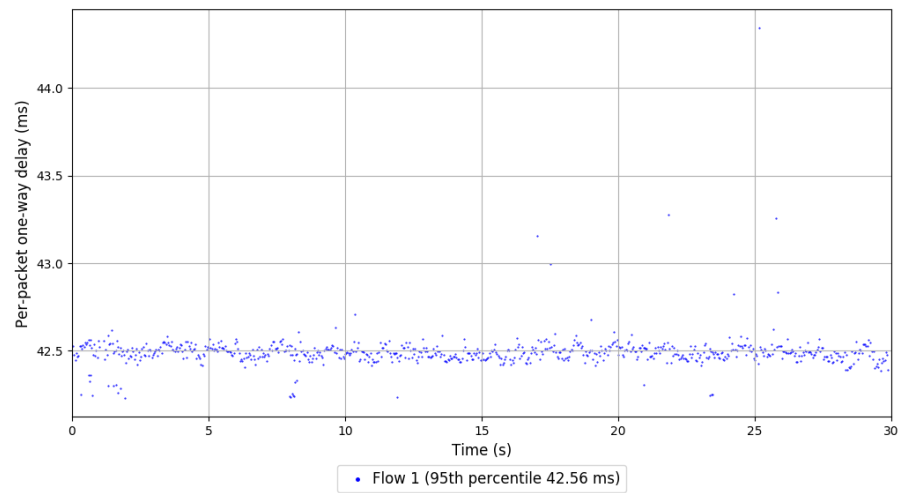
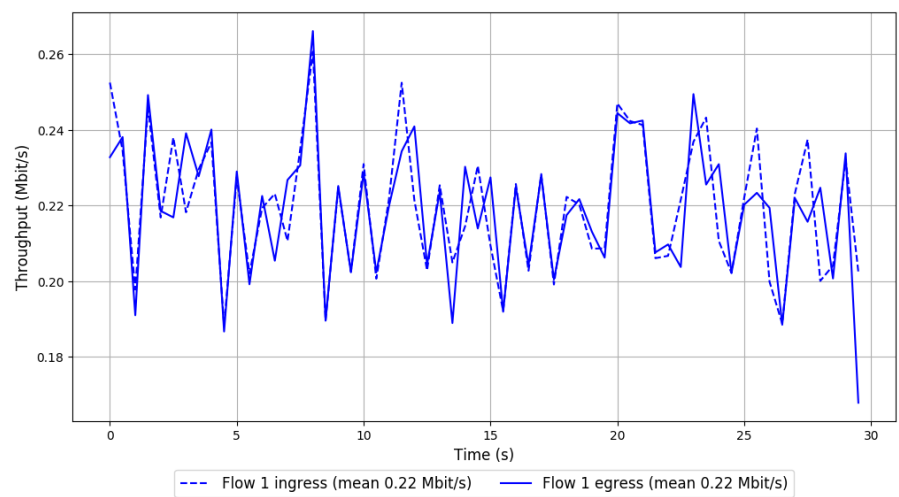


Run 5: Statistics of SCReAM

Start at: 2017-08-16 20:07:21
End at: 2017-08-16 20:07:51
Local clock offset: 0.175 ms
Remote clock offset: -0.731 ms

Below is generated by plot.py at 2017-08-17 01:49:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 42.557 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 42.557 ms
Loss rate: 0.39%

Run 5: Report of SReAM — Data Link

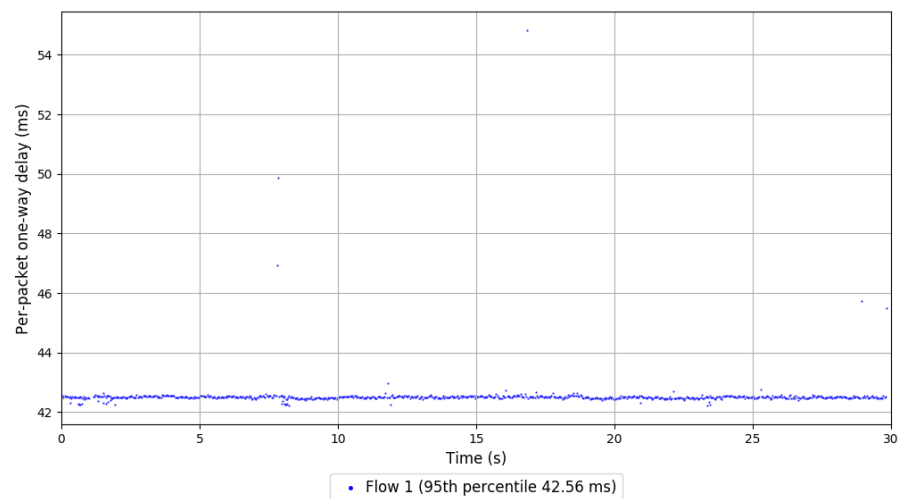
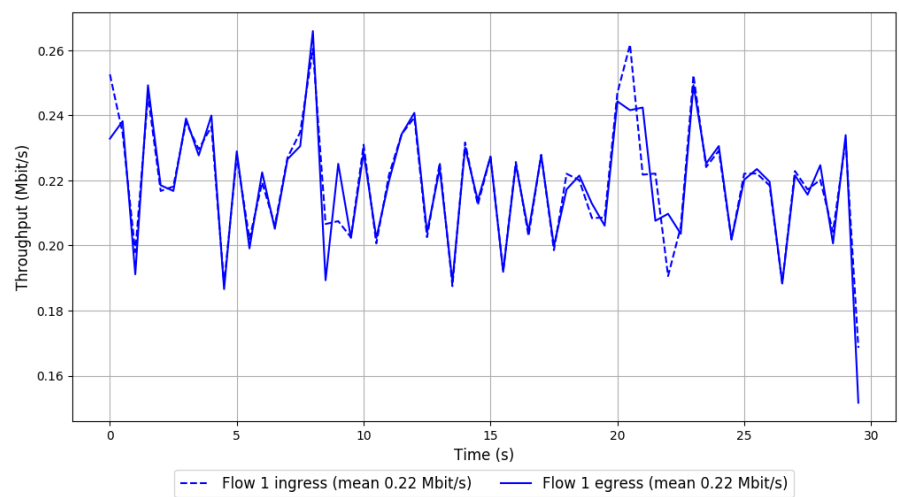


Run 6: Statistics of SCReAM

Start at: 2017-08-16 20:27:44
End at: 2017-08-16 20:28:14
Local clock offset: 0.139 ms
Remote clock offset: -0.996 ms

Below is generated by plot.py at 2017-08-17 01:49:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 42.559 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 42.559 ms
Loss rate: 0.25%

Run 6: Report of SReAM — Data Link

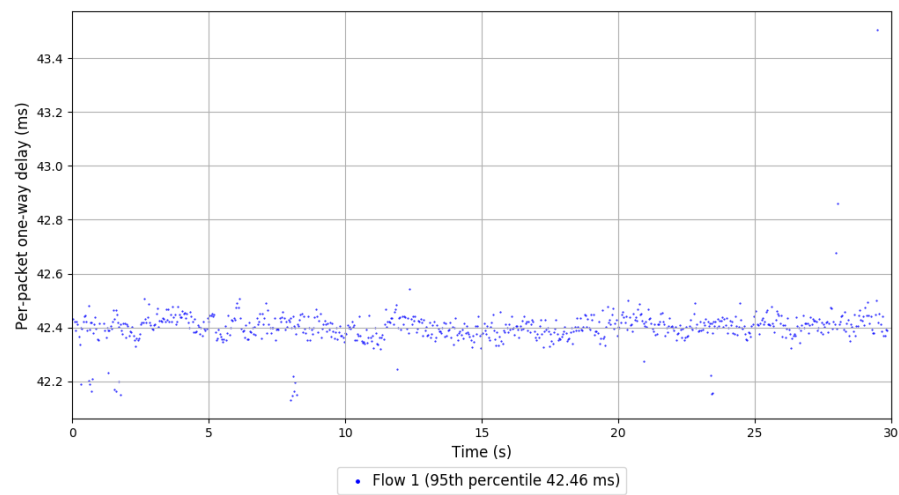
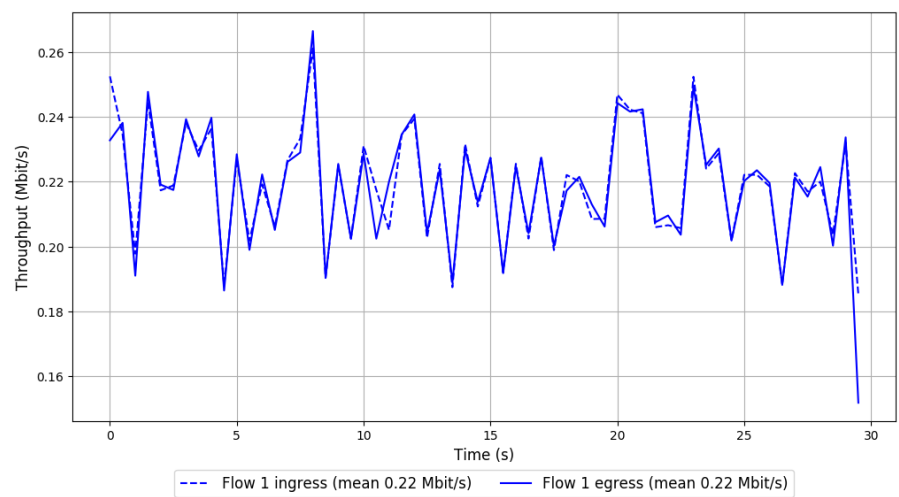


Run 7: Statistics of SCReAM

Start at: 2017-08-16 20:48:06
End at: 2017-08-16 20:48:36
Local clock offset: 0.045 ms
Remote clock offset: -1.415 ms

Below is generated by plot.py at 2017-08-17 01:49:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 42.463 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 42.463 ms
Loss rate: 0.38%

Run 7: Report of SReAM — Data Link

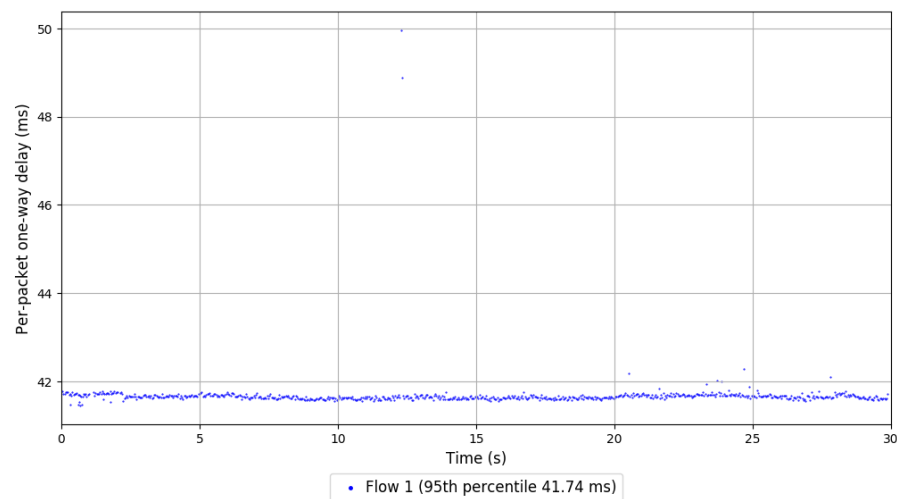
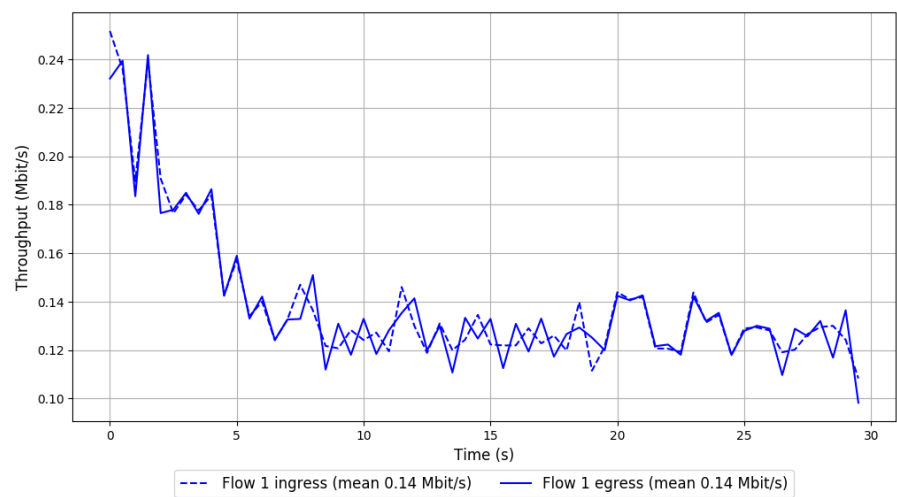


Run 8: Statistics of SCReAM

Start at: 2017-08-16 21:08:38
End at: 2017-08-16 21:09:08
Local clock offset: -0.196 ms
Remote clock offset: -1.962 ms

Below is generated by plot.py at 2017-08-17 01:49:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 41.740 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 41.740 ms
Loss rate: 0.45%

Run 8: Report of SReAM — Data Link



Run 9: Statistics of SCReAM

Start at: 2017-08-16 21:28:52

End at: 2017-08-16 21:29:22

Local clock offset: -0.538 ms

Remote clock offset: 0.006 ms

Below is generated by plot.py at 2017-08-17 01:49:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 40.268 ms

Loss rate: 0.38%

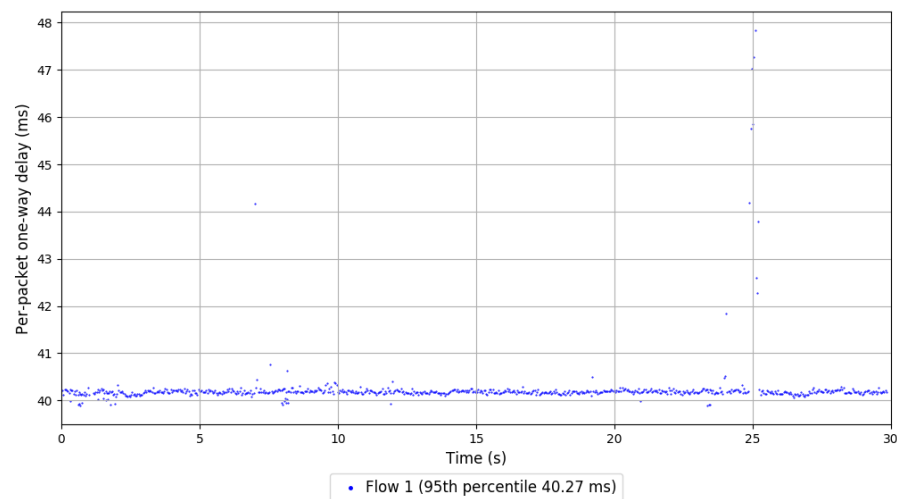
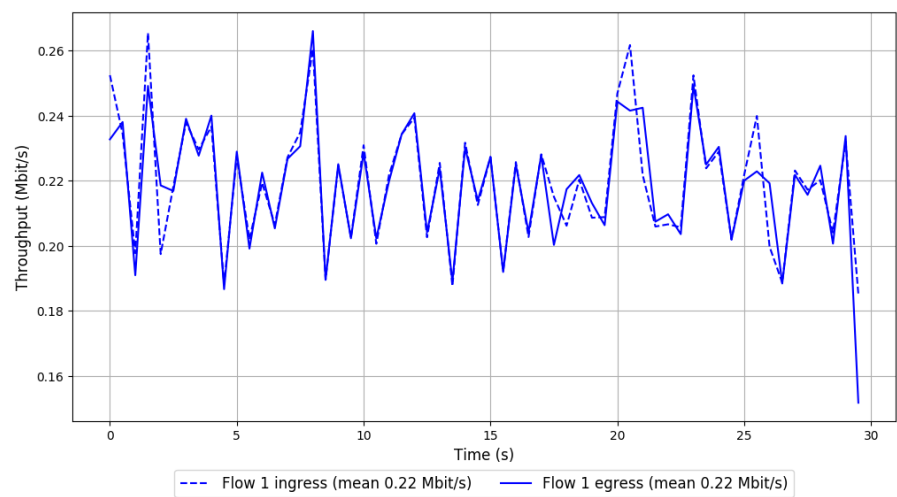
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 40.268 ms

Loss rate: 0.38%

Run 9: Report of SReAM — Data Link

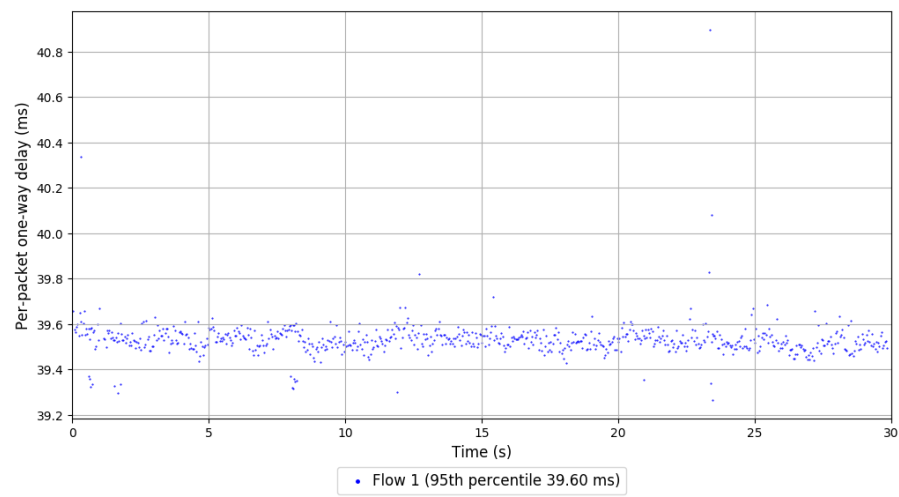
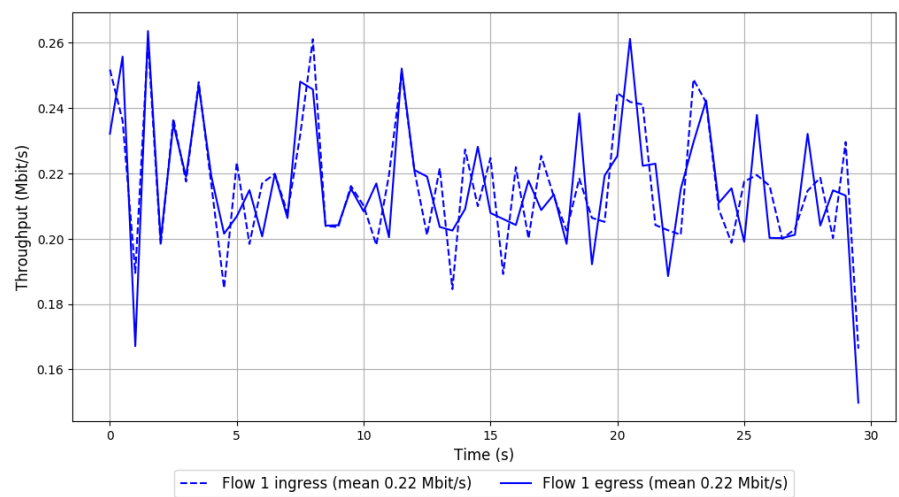


Run 10: Statistics of SReAM

Start at: 2017-08-16 21:50:03
End at: 2017-08-16 21:50:33
Local clock offset: -0.533 ms
Remote clock offset: -0.354 ms

Below is generated by plot.py at 2017-08-17 01:49:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 39.604 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 39.604 ms
Loss rate: 0.25%

Run 10: Report of SReAM — Data Link

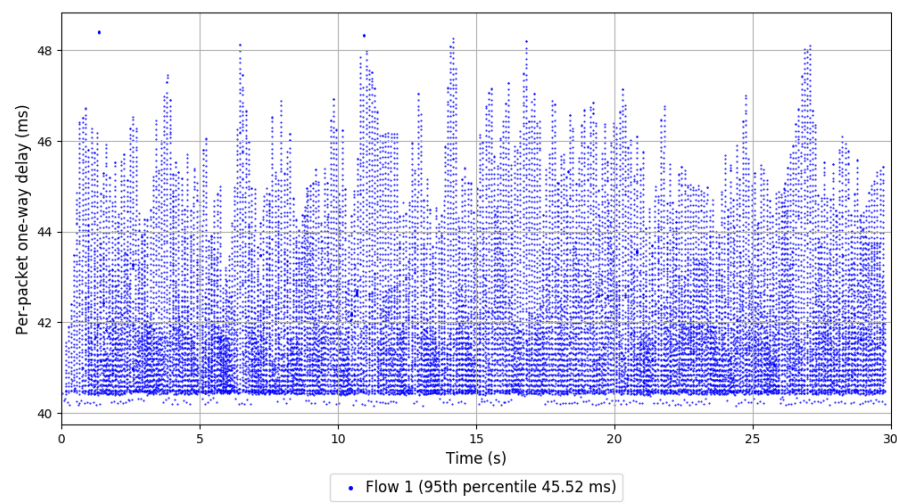
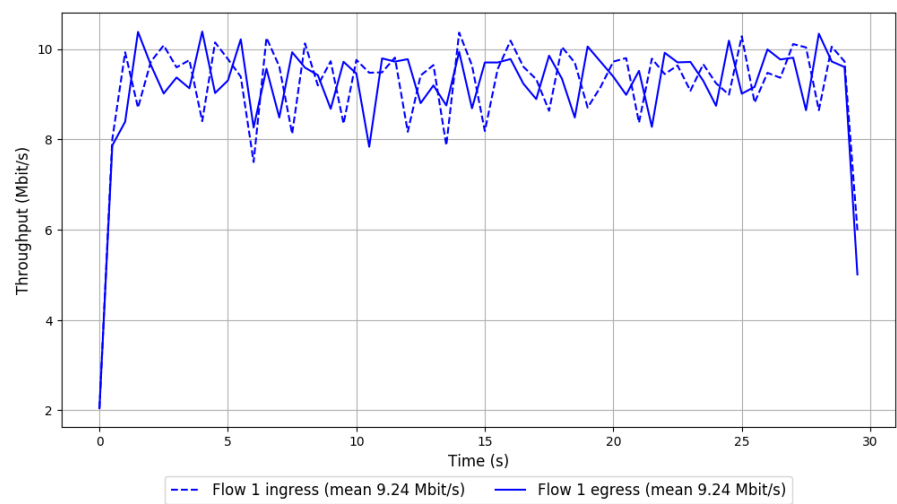


```
Run 1: Statistics of Sprout

Start at: 2017-08-16 18:51:15
End at: 2017-08-16 18:51:45
Local clock offset: 0.849 ms
Remote clock offset: 1.19 ms

# Below is generated by plot.py at 2017-08-17 01:49:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.24 Mbit/s
95th percentile per-packet one-way delay: 45.518 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 9.24 Mbit/s
95th percentile per-packet one-way delay: 45.518 ms
Loss rate: 0.26%
```


Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

Start at: 2017-08-16 19:11:40

End at: 2017-08-16 19:12:10

Local clock offset: 0.74 ms

Remote clock offset: 2.107 ms

Below is generated by plot.py at 2017-08-17 01:49:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 9.15 Mbit/s

95th percentile per-packet one-way delay: 45.087 ms

Loss rate: 0.30%

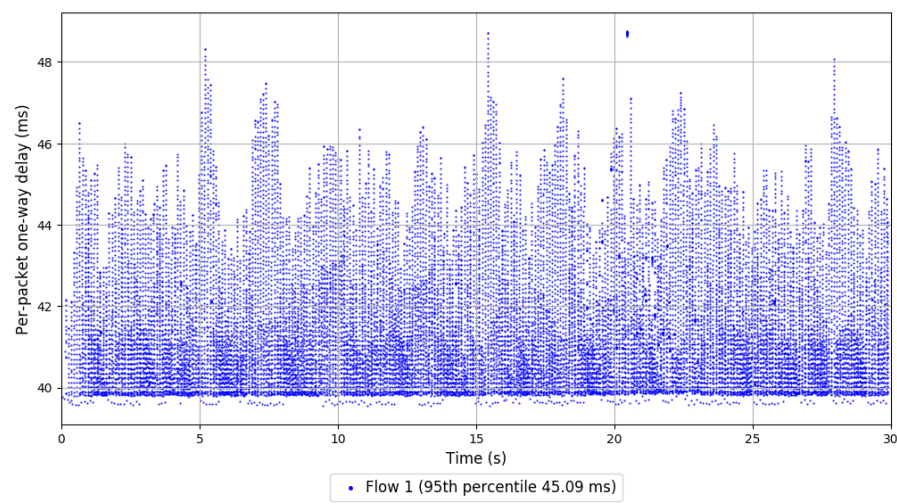
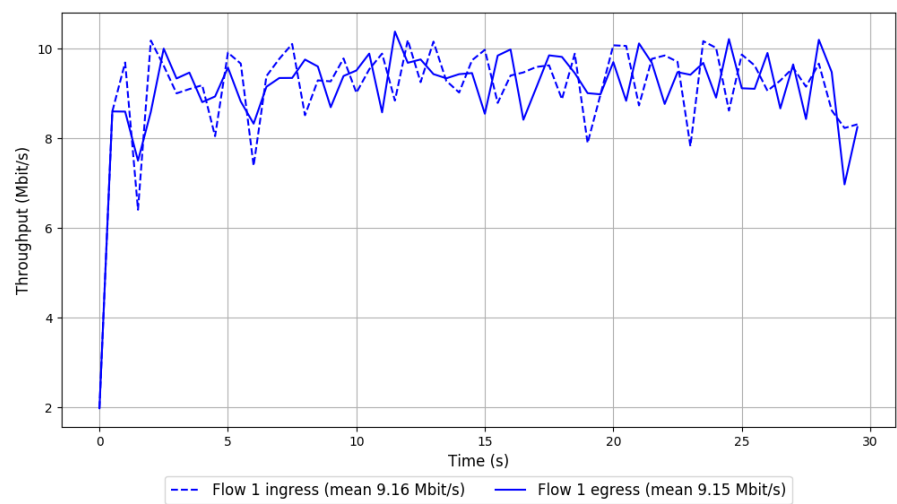
-- Flow 1:

Average throughput: 9.15 Mbit/s

95th percentile per-packet one-way delay: 45.087 ms

Loss rate: 0.30%

Run 2: Report of Sprout — Data Link

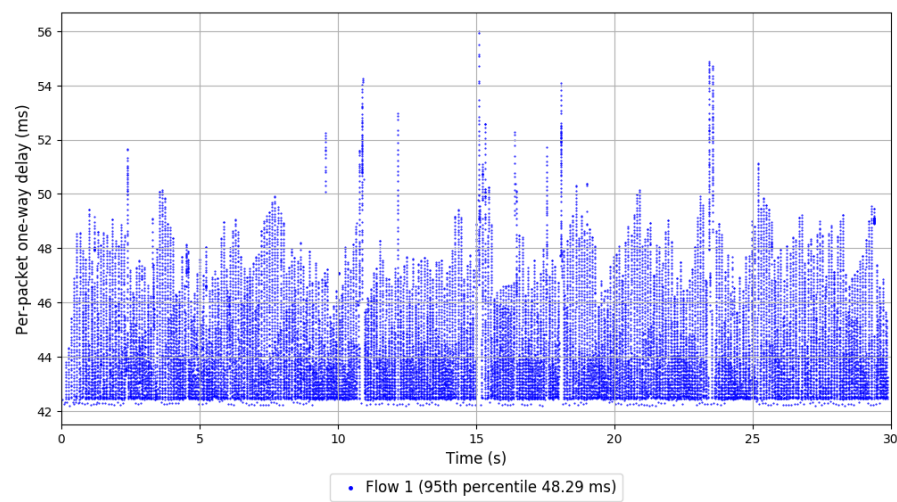
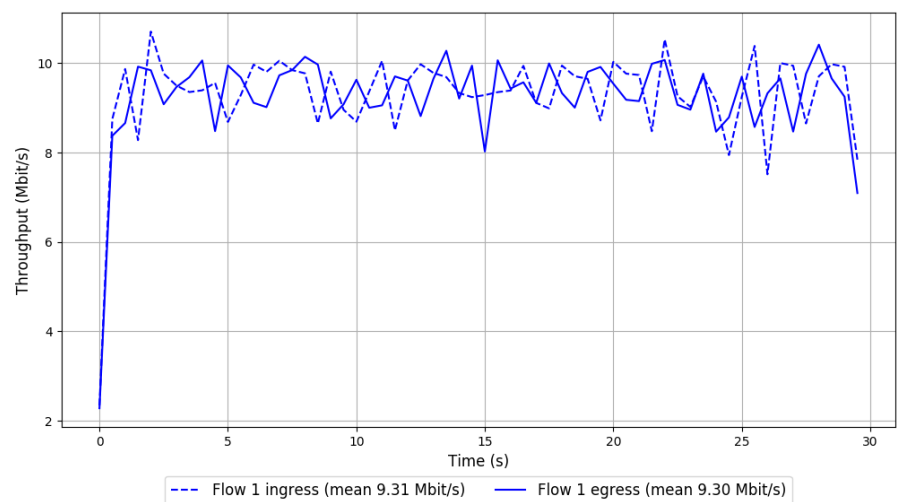


Run 3: Statistics of Sprout

Start at: 2017-08-16 19:32:08
End at: 2017-08-16 19:32:38
Local clock offset: 0.343 ms
Remote clock offset: -0.581 ms

Below is generated by plot.py at 2017-08-17 01:49:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.30 Mbit/s
95th percentile per-packet one-way delay: 48.294 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 9.30 Mbit/s
95th percentile per-packet one-way delay: 48.294 ms
Loss rate: 0.41%

Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

Start at: 2017-08-16 19:52:24

End at: 2017-08-16 19:52:54

Local clock offset: 0.177 ms

Remote clock offset: -0.57 ms

Below is generated by plot.py at 2017-08-17 01:49:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 9.27 Mbit/s

95th percentile per-packet one-way delay: 47.714 ms

Loss rate: 0.39%

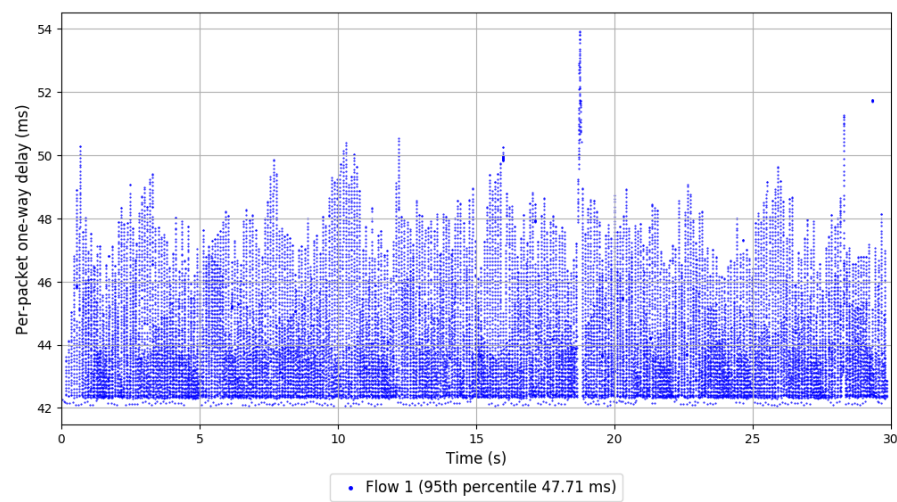
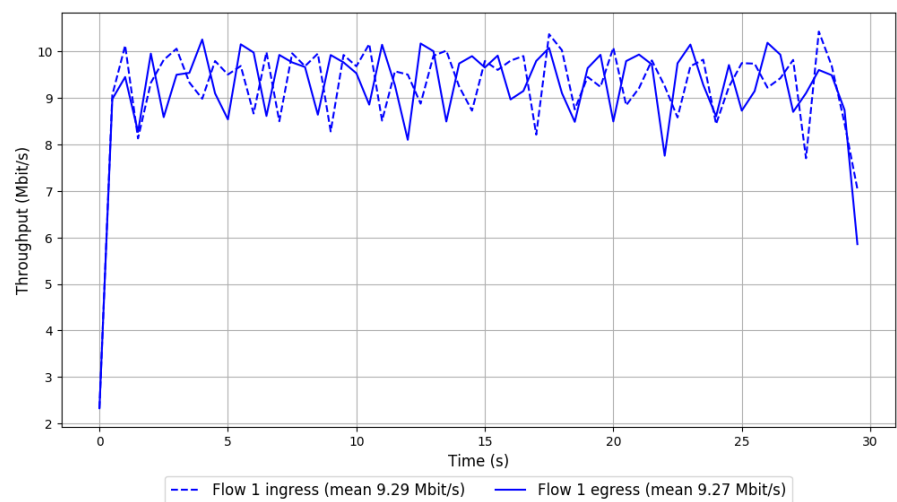
-- Flow 1:

Average throughput: 9.27 Mbit/s

95th percentile per-packet one-way delay: 47.714 ms

Loss rate: 0.39%

Run 4: Report of Sprout — Data Link

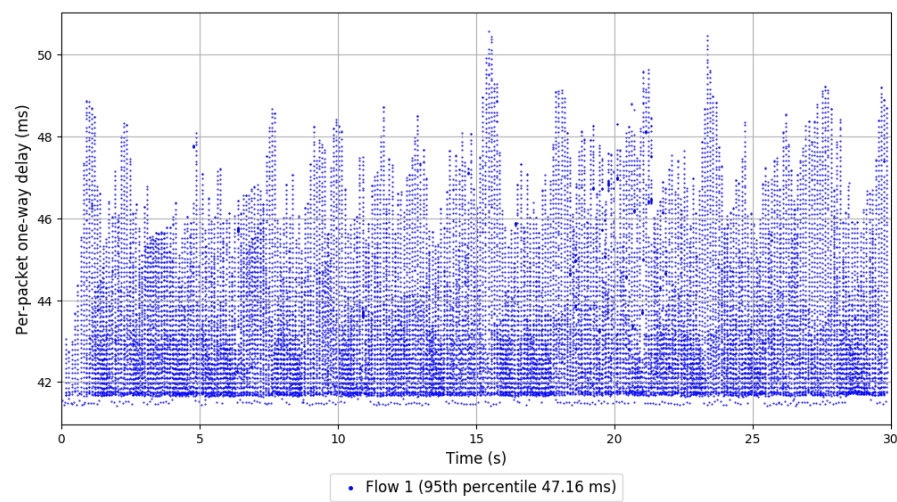
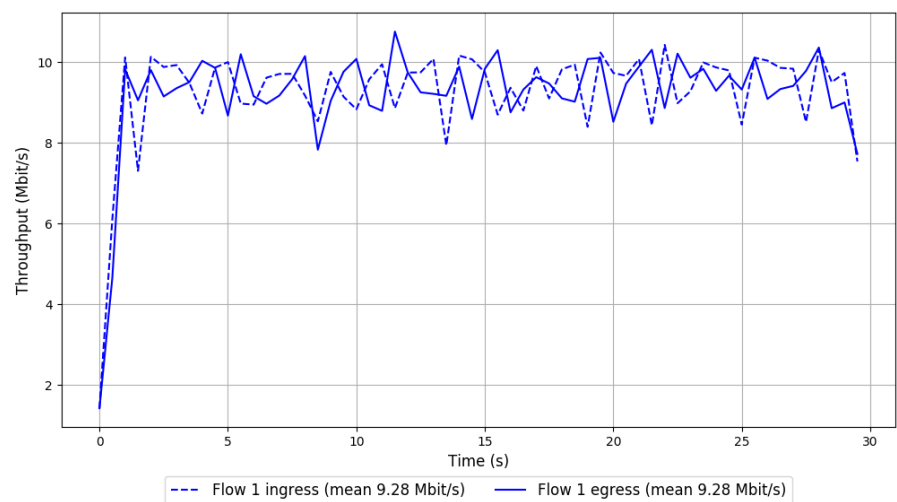


Run 5: Statistics of Sprout

Start at: 2017-08-16 20:12:41
End at: 2017-08-16 20:13:11
Local clock offset: 0.176 ms
Remote clock offset: -0.664 ms

Below is generated by plot.py at 2017-08-17 01:49:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.28 Mbit/s
95th percentile per-packet one-way delay: 47.161 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 9.28 Mbit/s
95th percentile per-packet one-way delay: 47.161 ms
Loss rate: 0.32%

Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

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

End at: 2017-08-16 20:33:38

Local clock offset: 0.036 ms

Remote clock offset: 1.191 ms

Below is generated by plot.py at 2017-08-17 01:49:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 9.23 Mbit/s

95th percentile per-packet one-way delay: 45.533 ms

Loss rate: 0.35%

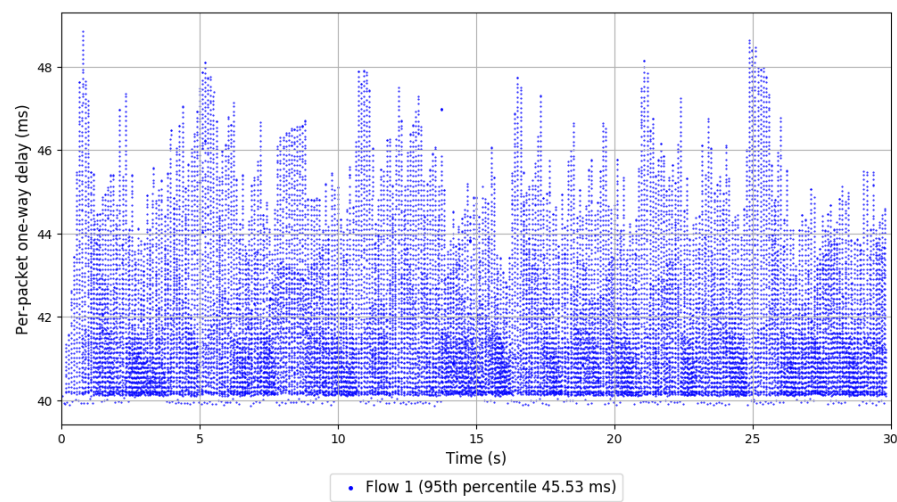
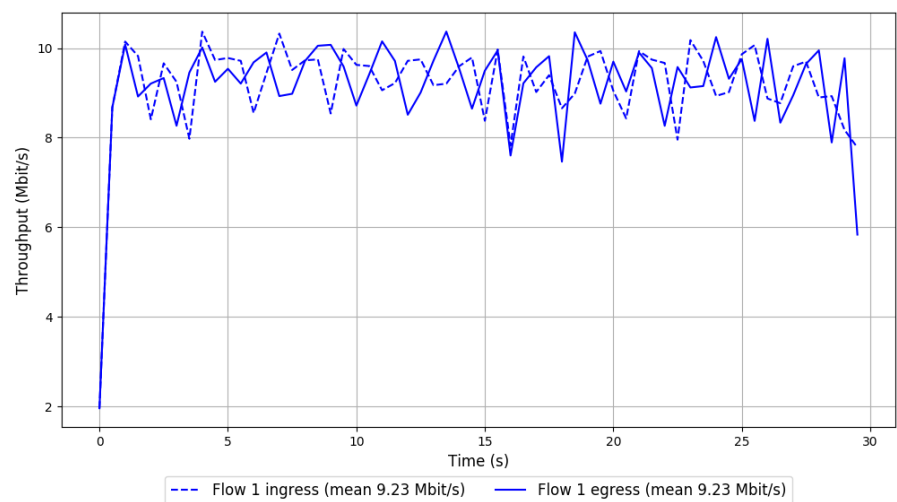
-- Flow 1:

Average throughput: 9.23 Mbit/s

95th percentile per-packet one-way delay: 45.533 ms

Loss rate: 0.35%

Run 6: Report of Sprout — Data Link

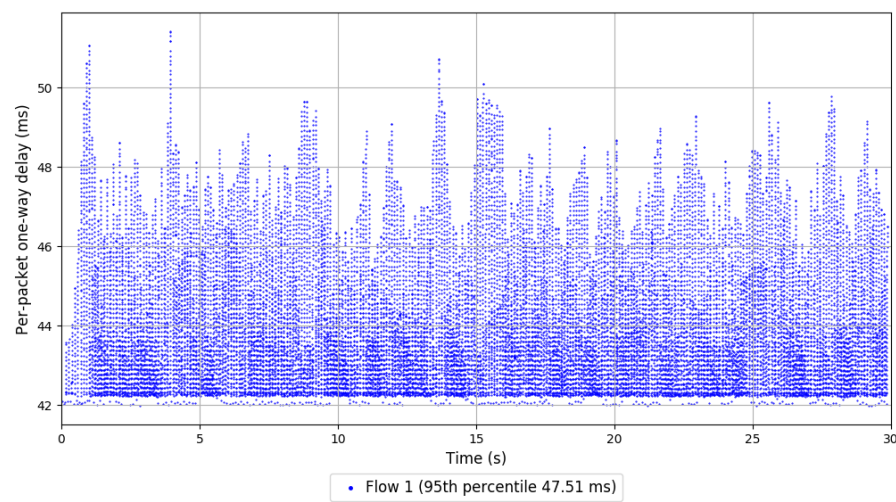
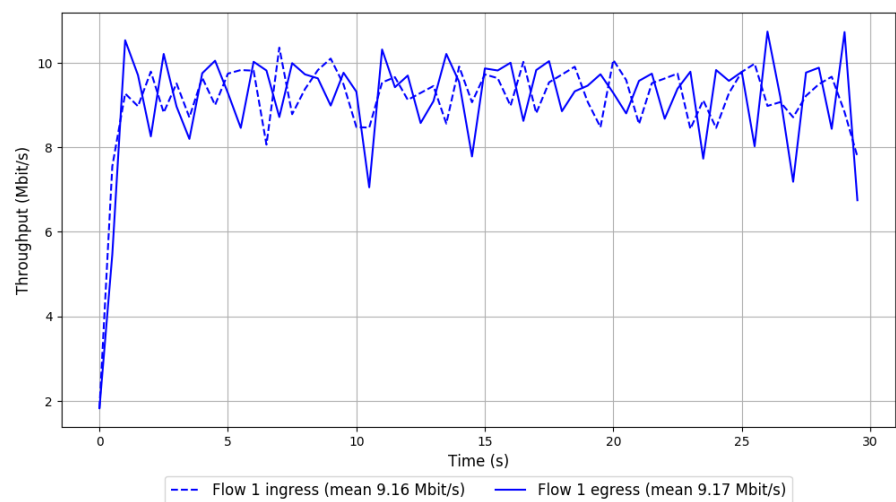


Run 7: Statistics of Sprout

Start at: 2017-08-16 20:53:25
End at: 2017-08-16 20:53:55
Local clock offset: 0.071 ms
Remote clock offset: -1.394 ms

Below is generated by plot.py at 2017-08-17 01:49:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.17 Mbit/s
95th percentile per-packet one-way delay: 47.506 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 9.17 Mbit/s
95th percentile per-packet one-way delay: 47.506 ms
Loss rate: 0.19%

Run 7: Report of Sprout — Data Link

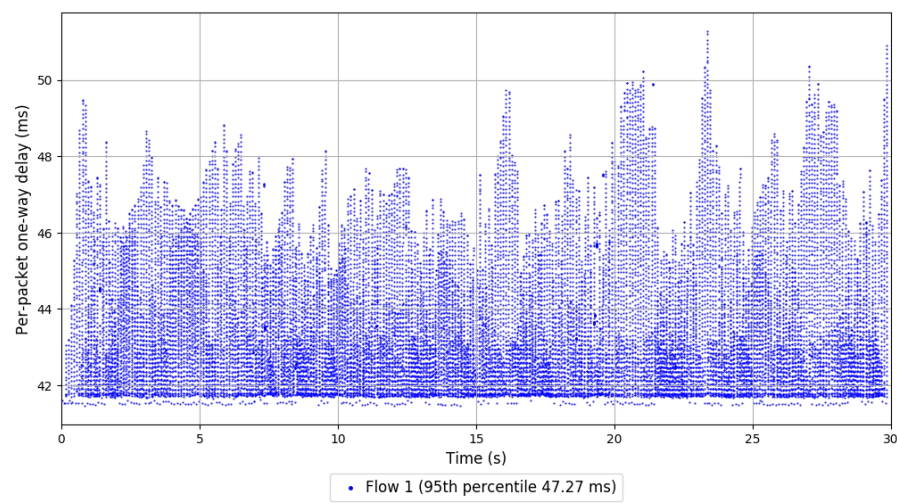
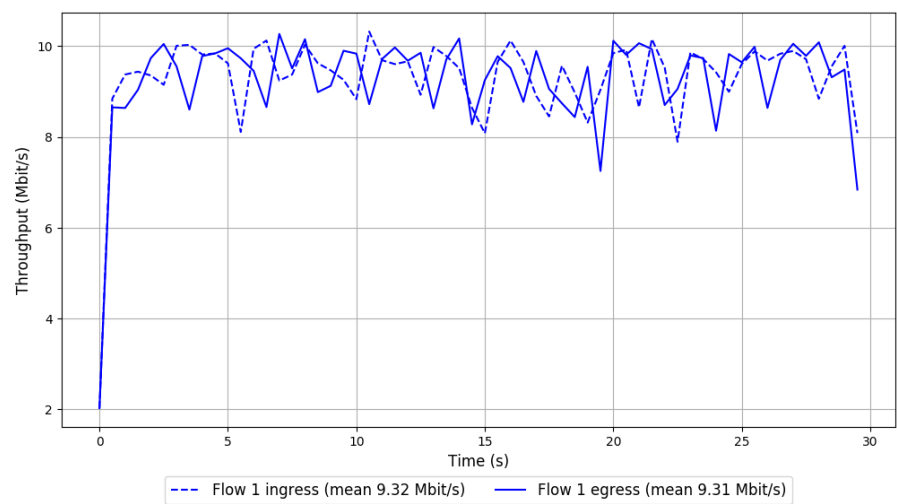


Run 8: Statistics of Sprout

Start at: 2017-08-16 21:14:04
End at: 2017-08-16 21:14:34
Local clock offset: -0.297 ms
Remote clock offset: -2.054 ms

Below is generated by plot.py at 2017-08-17 01:49:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.31 Mbit/s
95th percentile per-packet one-way delay: 47.268 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 9.31 Mbit/s
95th percentile per-packet one-way delay: 47.268 ms
Loss rate: 0.42%

Run 8: Report of Sprout — Data Link

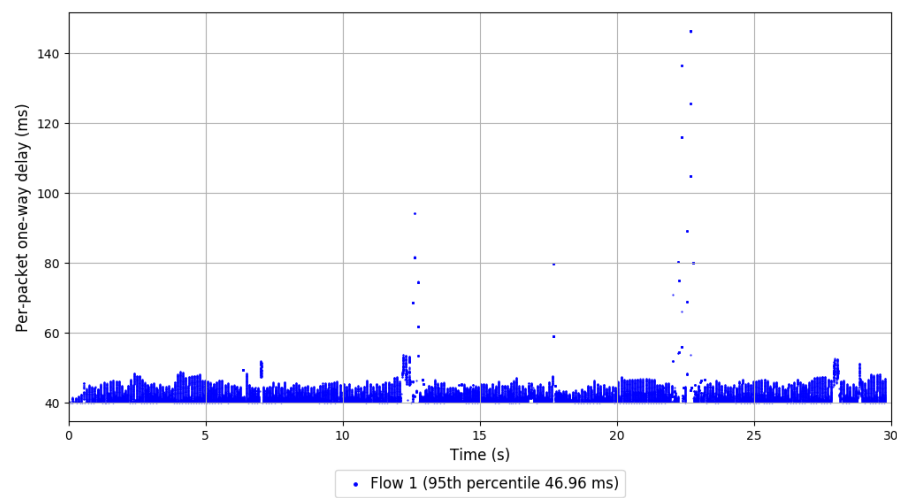
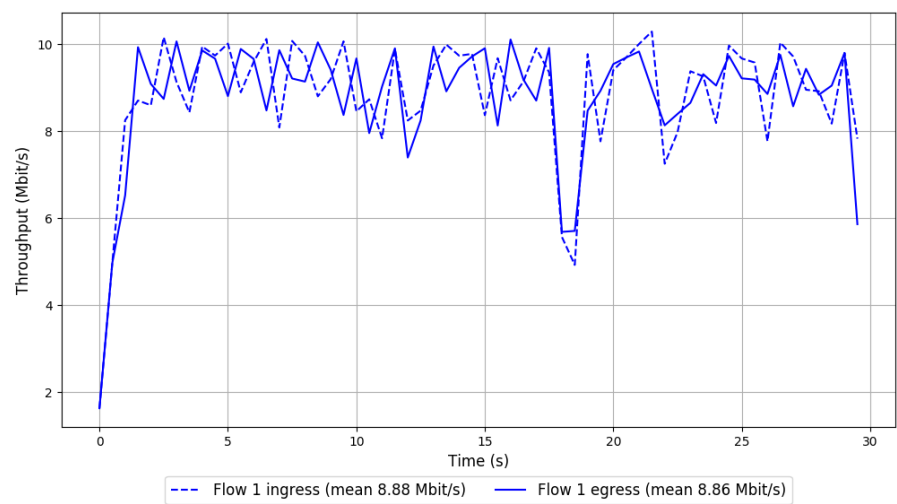


Run 9: Statistics of Sprout

Start at: 2017-08-16 21:34:27
End at: 2017-08-16 21:34:57
Local clock offset: -0.473 ms
Remote clock offset: -0.117 ms

Below is generated by plot.py at 2017-08-17 01:50:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 8.86 Mbit/s
95th percentile per-packet one-way delay: 46.960 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 8.86 Mbit/s
95th percentile per-packet one-way delay: 46.960 ms
Loss rate: 0.51%

Run 9: Report of Sprout — Data Link

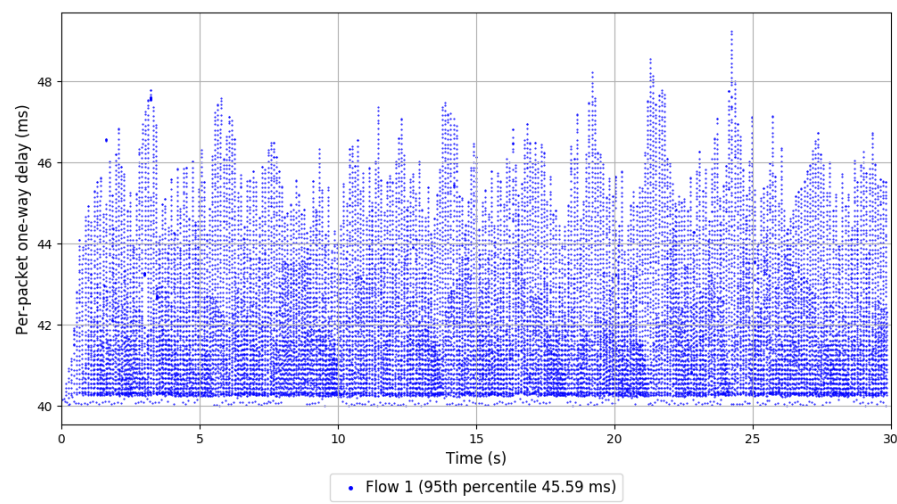
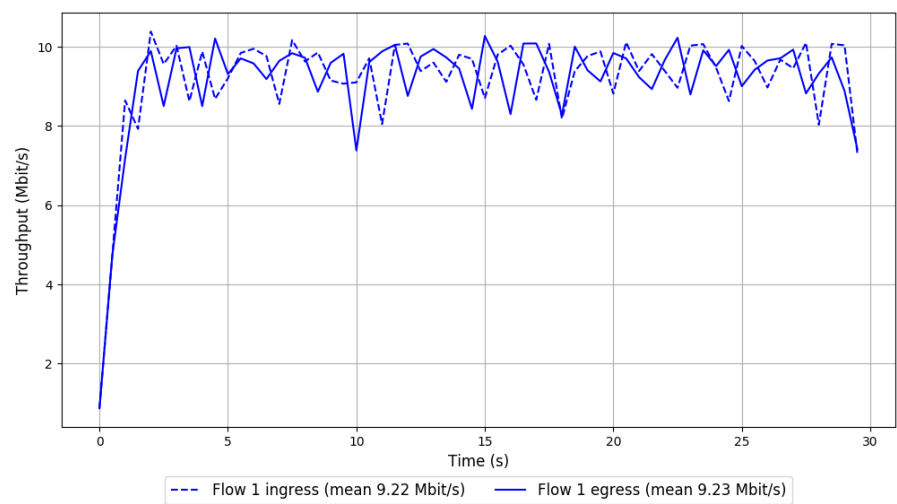


Run 10: Statistics of Sprout

Start at: 2017-08-16 21:55:27
End at: 2017-08-16 21:55:57
Local clock offset: -0.457 ms
Remote clock offset: -0.451 ms

Below is generated by plot.py at 2017-08-17 01:50:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.23 Mbit/s
95th percentile per-packet one-way delay: 45.588 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 9.23 Mbit/s
95th percentile per-packet one-way delay: 45.588 ms
Loss rate: 0.27%

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: 2017-08-16 18:47:13

End at: 2017-08-16 18:47:43

Local clock offset: 0.874 ms

Remote clock offset: 1.252 ms

Below is generated by plot.py at 2017-08-17 01:50:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 70.48 Mbit/s

95th percentile per-packet one-way delay: 50.375 ms

Loss rate: 0.26%

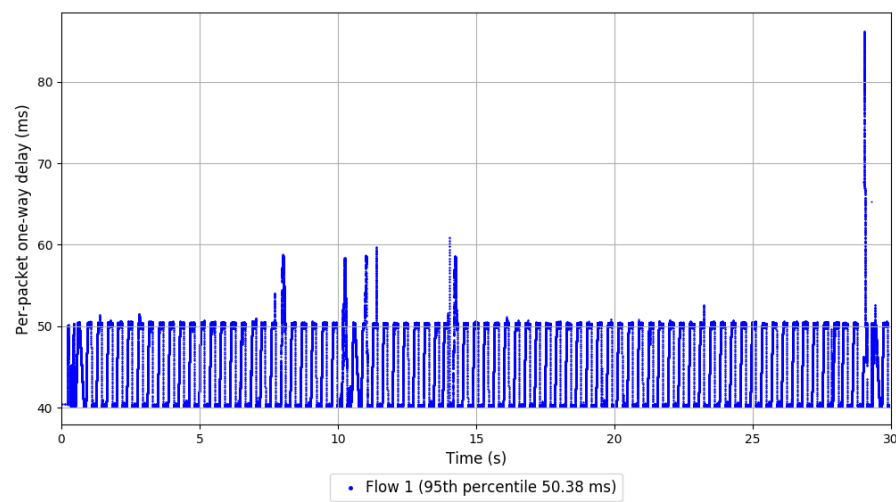
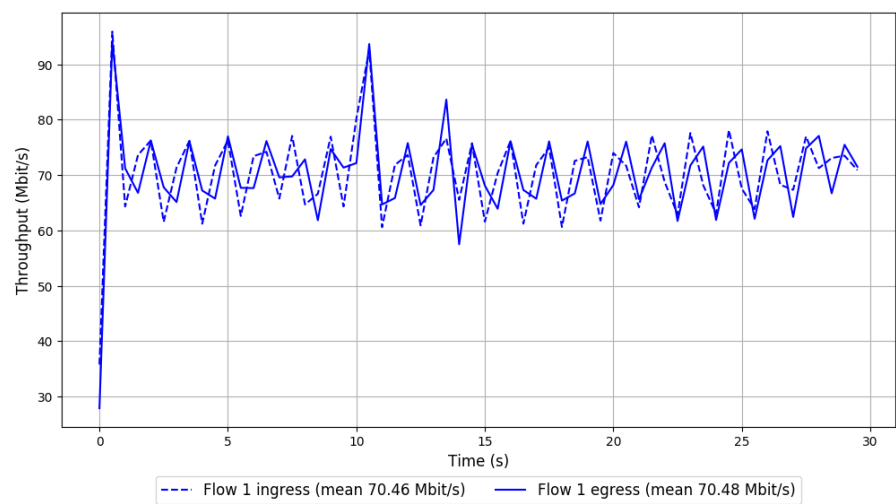
-- Flow 1:

Average throughput: 70.48 Mbit/s

95th percentile per-packet one-way delay: 50.375 ms

Loss rate: 0.26%

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



Run 2: Statistics of TaoVA-100x

Start at: 2017-08-16 19:07:36

End at: 2017-08-16 19:08:06

Local clock offset: 0.702 ms

Remote clock offset: 1.645 ms

Below is generated by plot.py at 2017-08-17 01:50:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 74.78 Mbit/s

95th percentile per-packet one-way delay: 49.702 ms

Loss rate: 0.62%

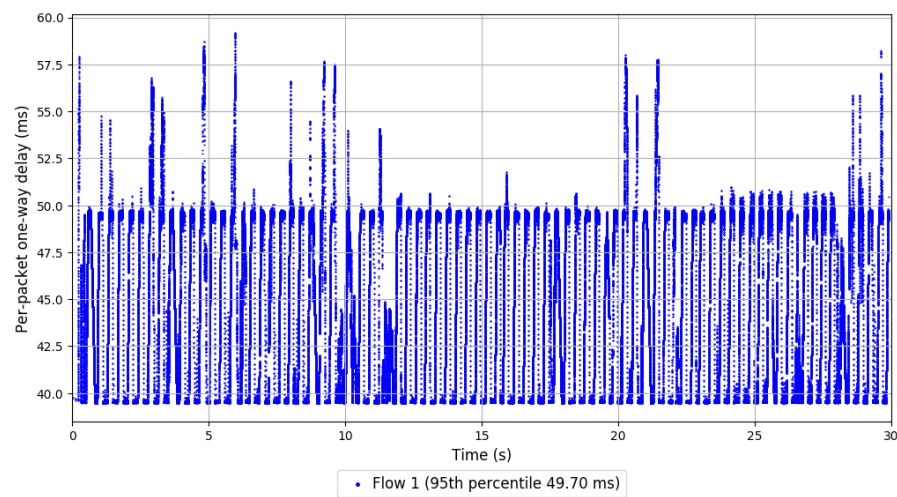
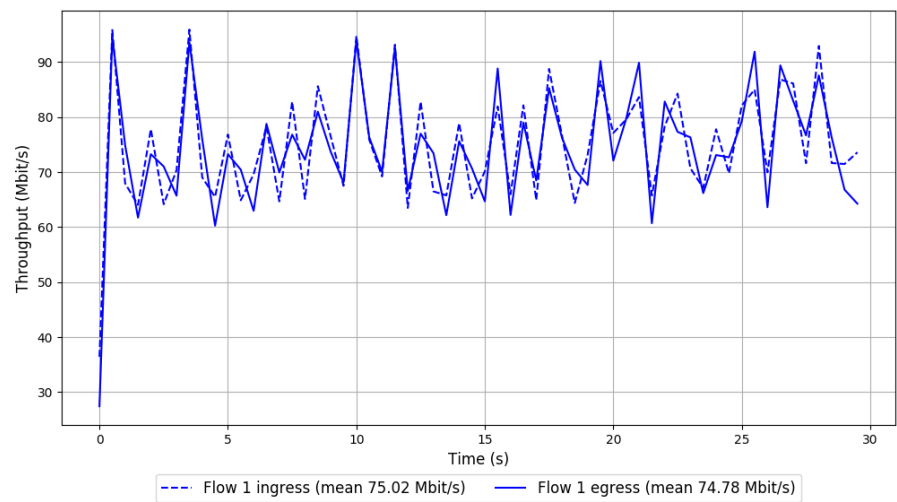
-- Flow 1:

Average throughput: 74.78 Mbit/s

95th percentile per-packet one-way delay: 49.702 ms

Loss rate: 0.62%

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



Run 3: Statistics of TaoVA-100x

Start at: 2017-08-16 19:28:04

End at: 2017-08-16 19:28:34

Local clock offset: 0.471 ms

Remote clock offset: 2.077 ms

Below is generated by plot.py at 2017-08-17 01:50:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 71.02 Mbit/s

95th percentile per-packet one-way delay: 49.984 ms

Loss rate: 0.45%

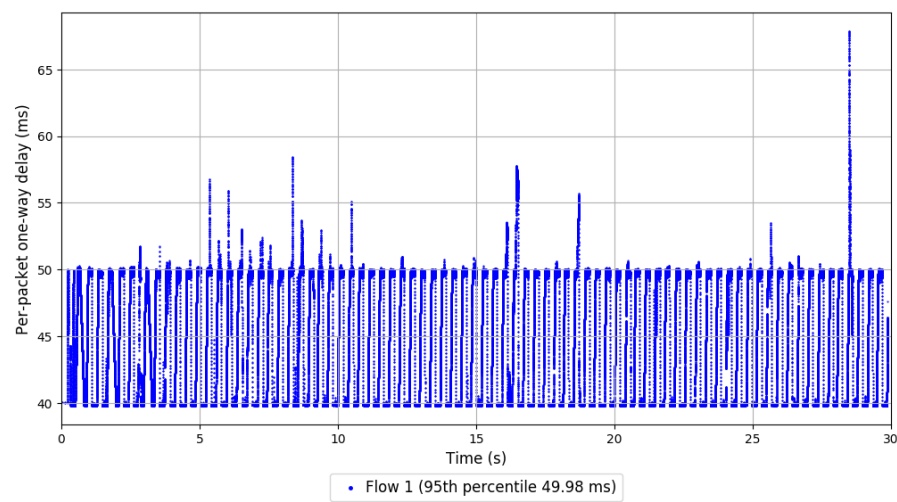
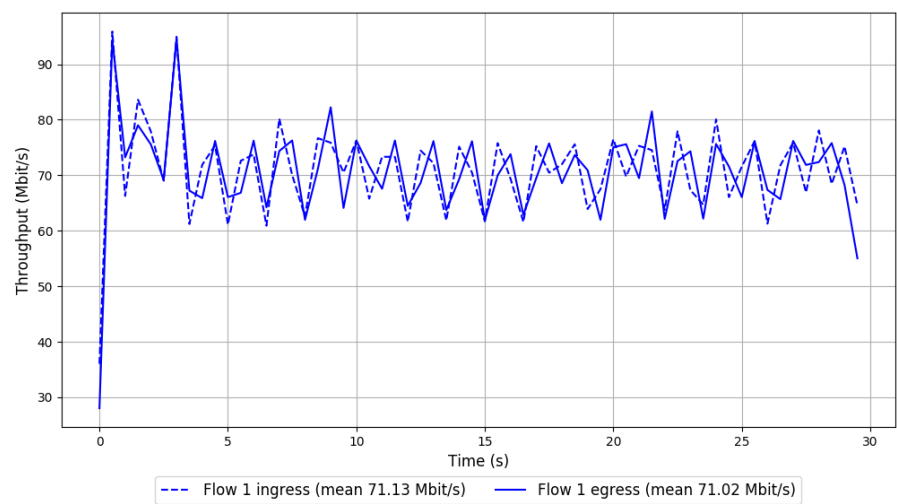
-- Flow 1:

Average throughput: 71.02 Mbit/s

95th percentile per-packet one-way delay: 49.984 ms

Loss rate: 0.45%

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



Run 4: Statistics of TaoVA-100x

Start at: 2017-08-16 19:48:22

End at: 2017-08-16 19:48:52

Local clock offset: 0.195 ms

Remote clock offset: 1.942 ms

Below is generated by plot.py at 2017-08-17 01:50:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 70.34 Mbit/s

95th percentile per-packet one-way delay: 50.032 ms

Loss rate: 0.51%

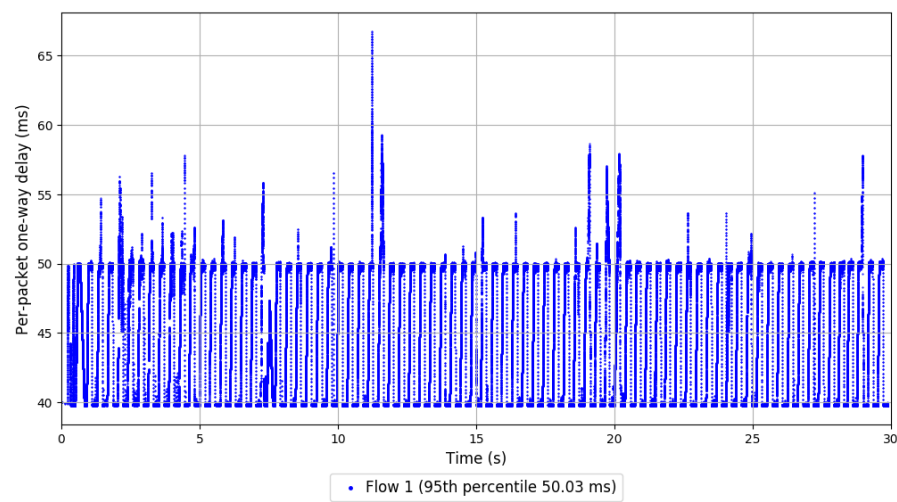
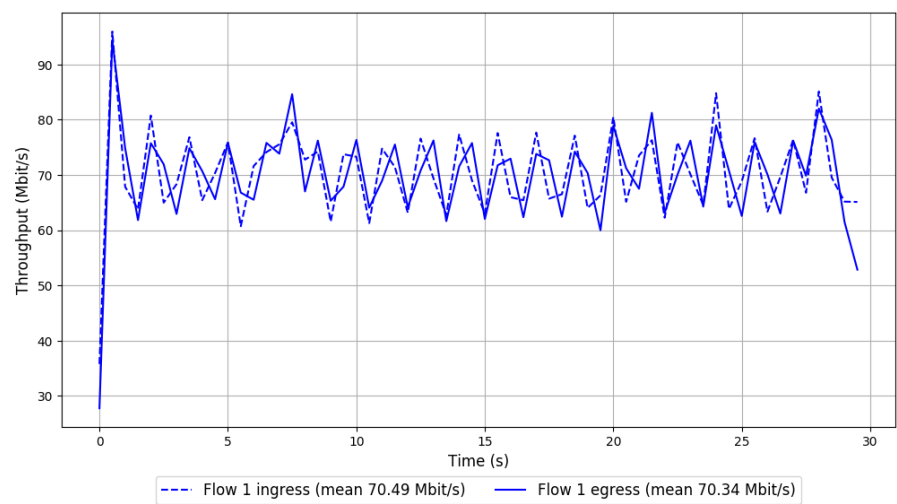
-- Flow 1:

Average throughput: 70.34 Mbit/s

95th percentile per-packet one-way delay: 50.032 ms

Loss rate: 0.51%

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



Run 5: Statistics of TaoVA-100x

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

End at: 2017-08-16 20:09:09

Local clock offset: 0.198 ms

Remote clock offset: 1.317 ms

Below is generated by plot.py at 2017-08-17 01:50:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 72.57 Mbit/s

95th percentile per-packet one-way delay: 50.516 ms

Loss rate: 0.41%

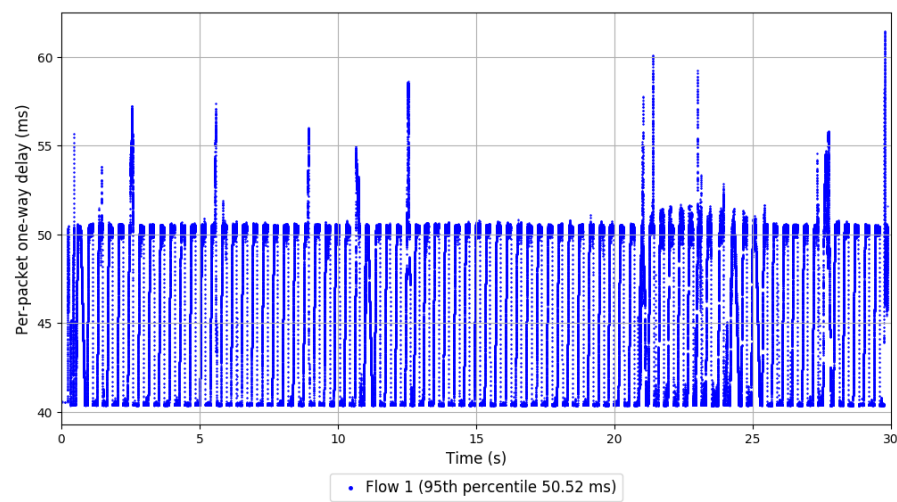
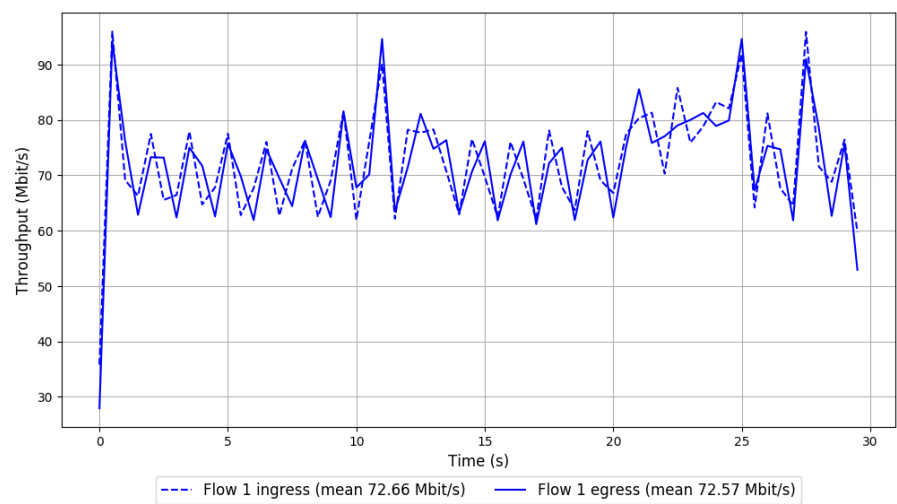
-- Flow 1:

Average throughput: 72.57 Mbit/s

95th percentile per-packet one-way delay: 50.516 ms

Loss rate: 0.41%

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



Run 6: Statistics of TaoVA-100x

Start at: 2017-08-16 20:29:01

End at: 2017-08-16 20:29:31

Local clock offset: 0.063 ms

Remote clock offset: -1.048 ms

Below is generated by plot.py at 2017-08-17 01:50:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 71.03 Mbit/s

95th percentile per-packet one-way delay: 51.848 ms

Loss rate: 0.23%

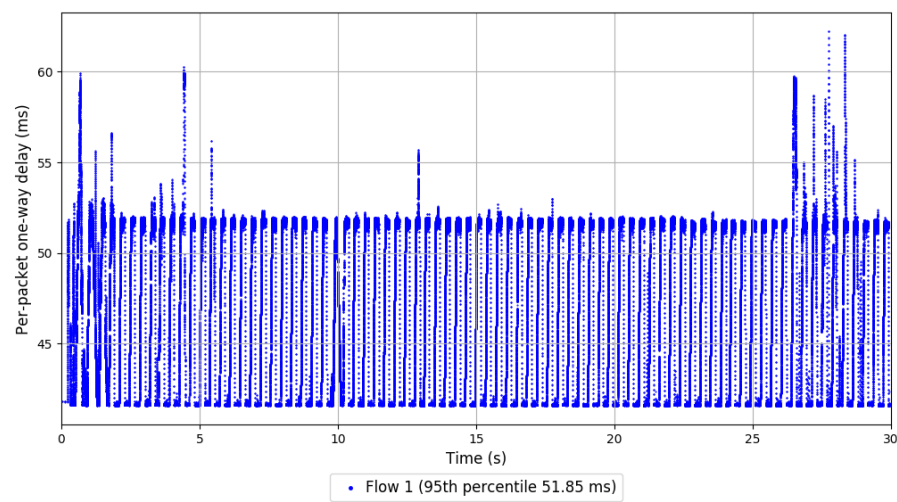
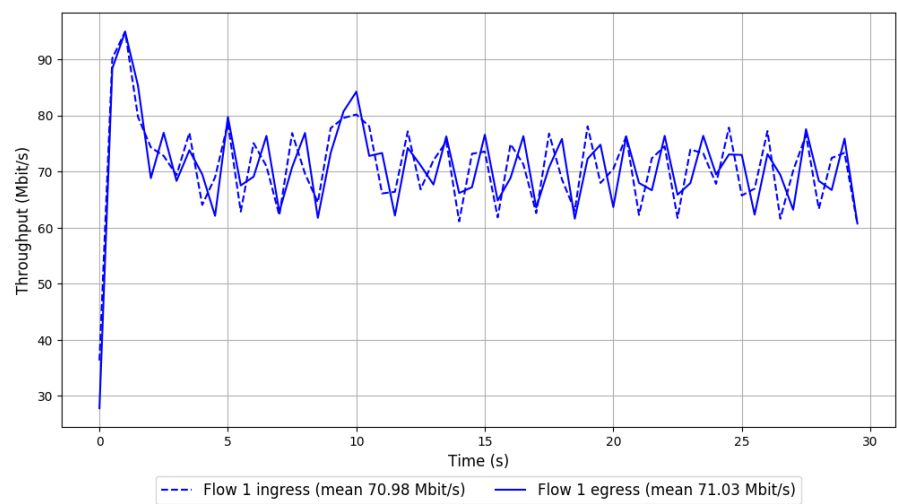
-- Flow 1:

Average throughput: 71.03 Mbit/s

95th percentile per-packet one-way delay: 51.848 ms

Loss rate: 0.23%

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

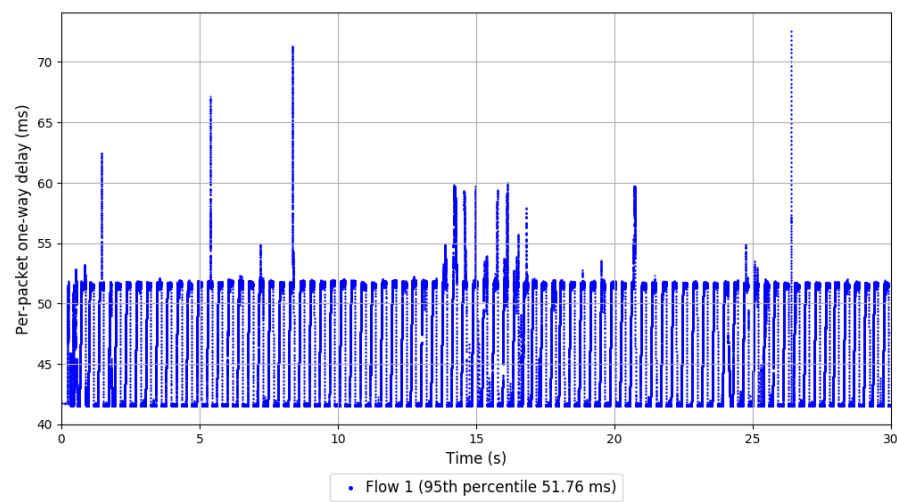
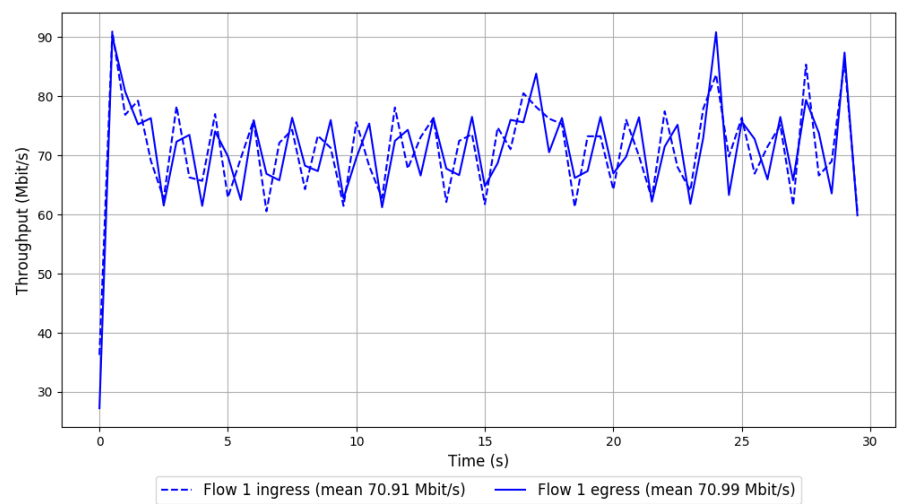


Run 7: Statistics of TaoVA-100x

Start at: 2017-08-16 20:49:23
End at: 2017-08-16 20:49:53
Local clock offset: 0.119 ms
Remote clock offset: -1.363 ms

Below is generated by plot.py at 2017-08-17 01:51:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 70.99 Mbit/s
95th percentile per-packet one-way delay: 51.761 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 70.99 Mbit/s
95th percentile per-packet one-way delay: 51.761 ms
Loss rate: 0.18%

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

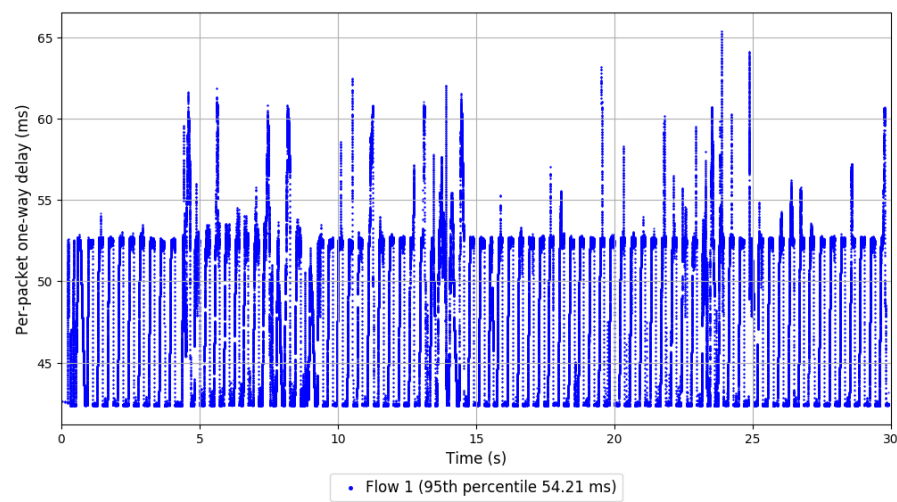
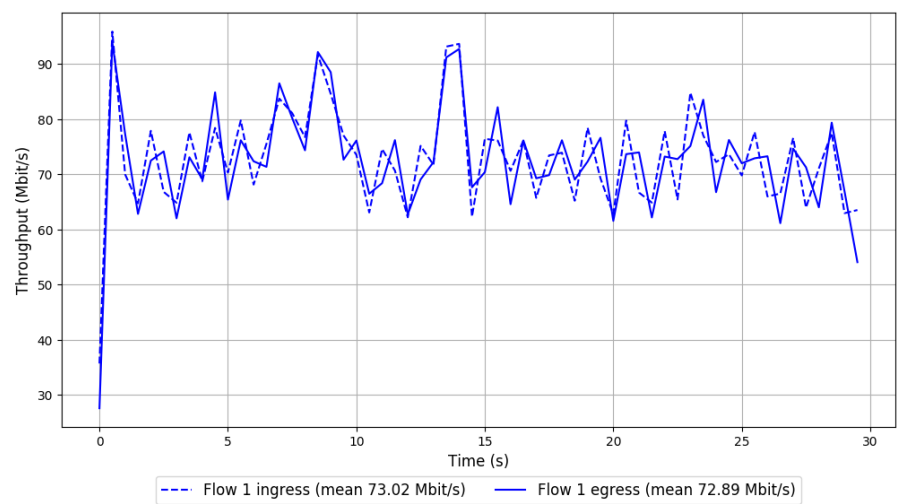


Run 8: Statistics of TaoVA-100x

Start at: 2017-08-16 21:09:55
End at: 2017-08-16 21:10:25
Local clock offset: -0.271 ms
Remote clock offset: -2.003 ms

Below is generated by plot.py at 2017-08-17 01:51:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 72.89 Mbit/s
95th percentile per-packet one-way delay: 54.210 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 72.89 Mbit/s
95th percentile per-packet one-way delay: 54.210 ms
Loss rate: 0.46%

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

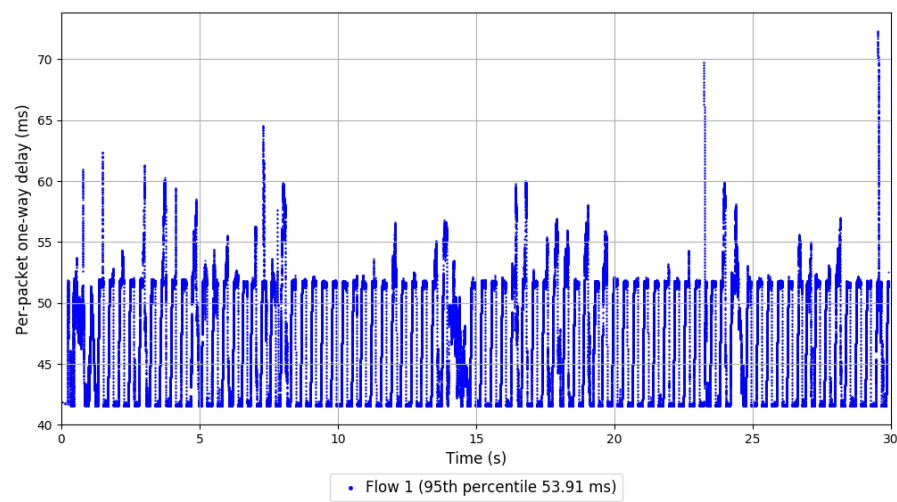
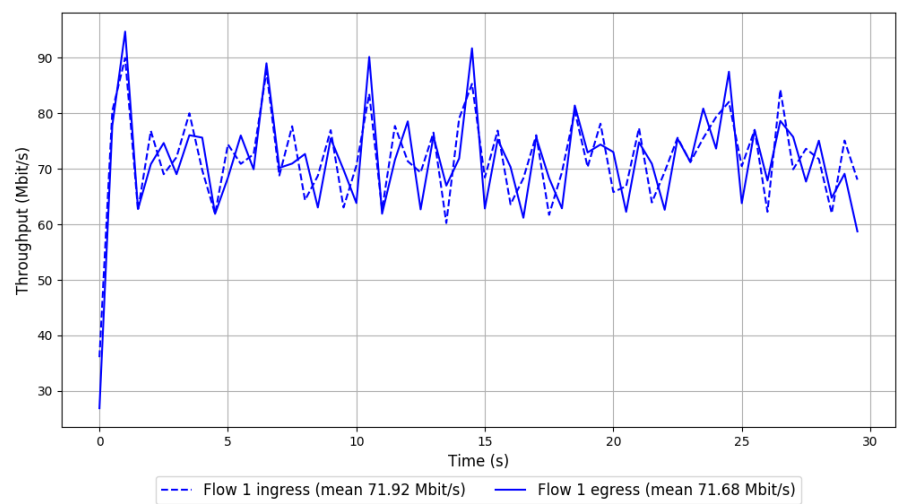


Run 9: Statistics of TaoVA-100x

Start at: 2017-08-16 21:30:09
End at: 2017-08-16 21:30:39
Local clock offset: -0.447 ms
Remote clock offset: -2.081 ms

Below is generated by plot.py at 2017-08-17 01:51:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 71.68 Mbit/s
95th percentile per-packet one-way delay: 53.908 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 71.68 Mbit/s
95th percentile per-packet one-way delay: 53.908 ms
Loss rate: 0.65%

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

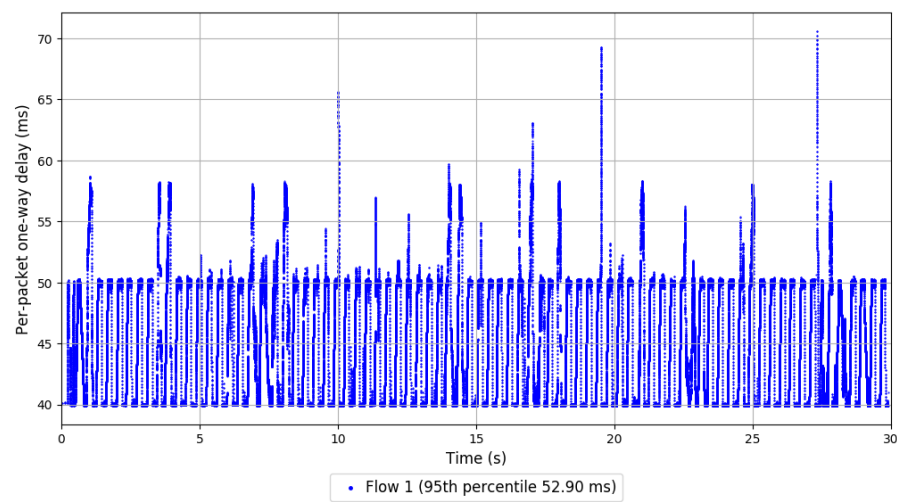
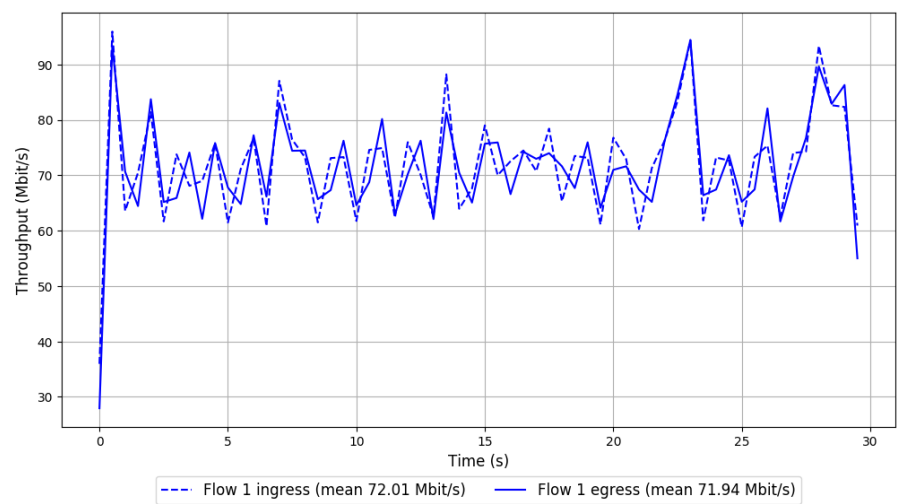


Run 10: Statistics of TaoVA-100x

Start at: 2017-08-16 21:51:20
End at: 2017-08-16 21:51:50
Local clock offset: -0.437 ms
Remote clock offset: -0.112 ms

Below is generated by plot.py at 2017-08-17 01:51:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 71.94 Mbit/s
95th percentile per-packet one-way delay: 52.901 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 71.94 Mbit/s
95th percentile per-packet one-way delay: 52.901 ms
Loss rate: 0.40%

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

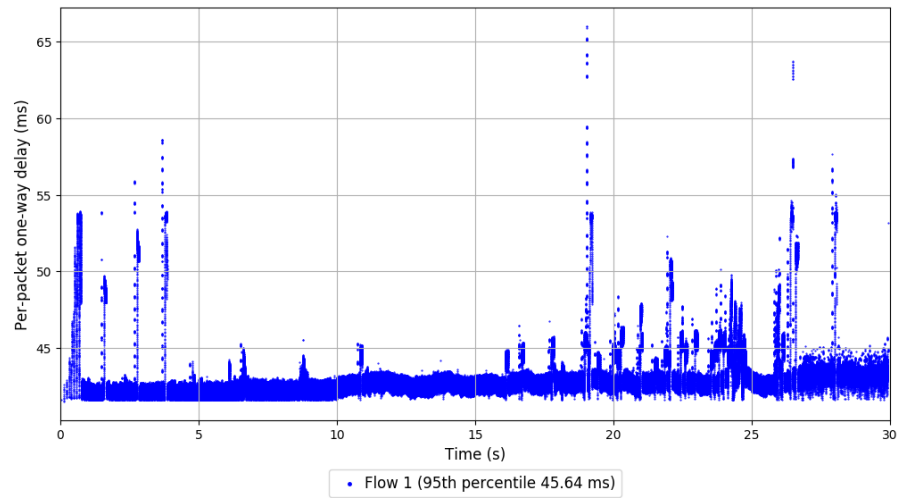
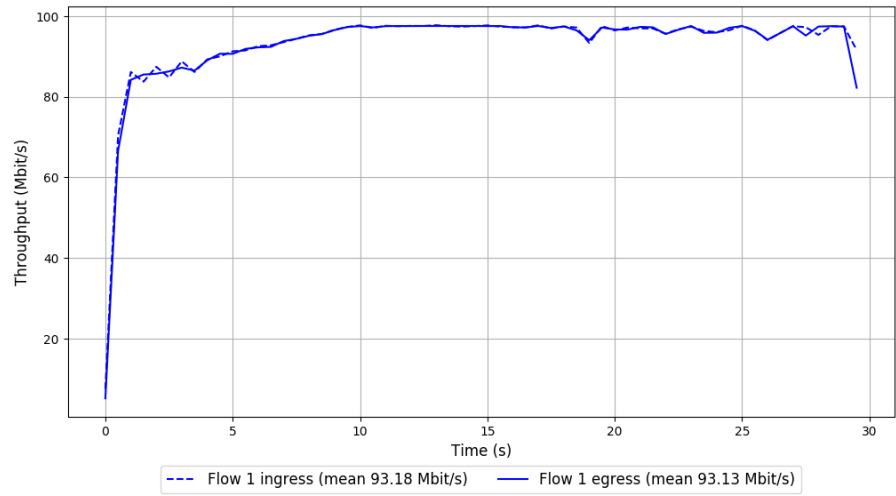


Run 1: Statistics of TCP Vegas

Start at: 2017-08-16 18:44:34
End at: 2017-08-16 18:45:04
Local clock offset: 0.773 ms
Remote clock offset: -1.007 ms

Below is generated by plot.py at 2017-08-17 01:51:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.13 Mbit/s
95th percentile per-packet one-way delay: 45.641 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 93.13 Mbit/s
95th percentile per-packet one-way delay: 45.641 ms
Loss rate: 0.32%

Run 1: Report of TCP Vegas — Data Link

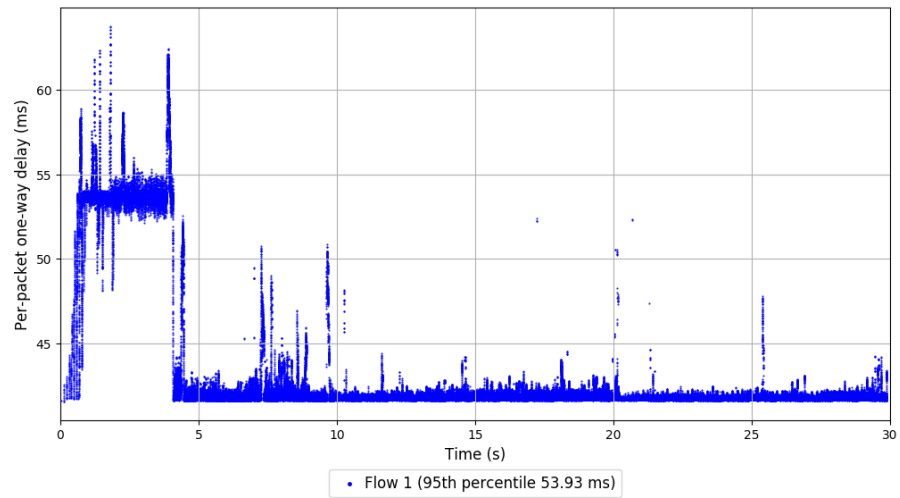
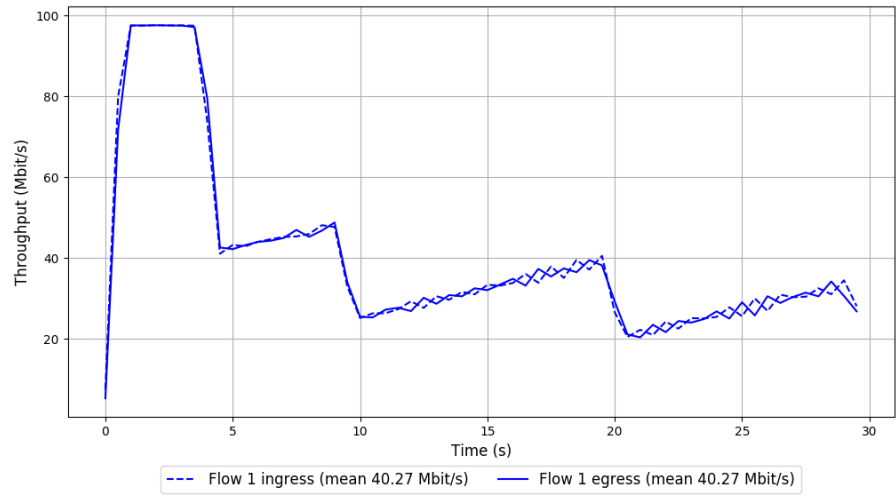


Run 2: Statistics of TCP Vegas

Start at: 2017-08-16 19:04:58
End at: 2017-08-16 19:05:28
Local clock offset: 0.789 ms
Remote clock offset: -0.589 ms

Below is generated by plot.py at 2017-08-17 01:51:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 40.27 Mbit/s
95th percentile per-packet one-way delay: 53.931 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 40.27 Mbit/s
95th percentile per-packet one-way delay: 53.931 ms
Loss rate: 0.31%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: 2017-08-16 19:25:23

End at: 2017-08-16 19:25:53

Local clock offset: 0.55 ms

Remote clock offset: 1.552 ms

Below is generated by plot.py at 2017-08-17 01:51:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.54 Mbit/s

95th percentile per-packet one-way delay: 52.025 ms

Loss rate: 0.22%

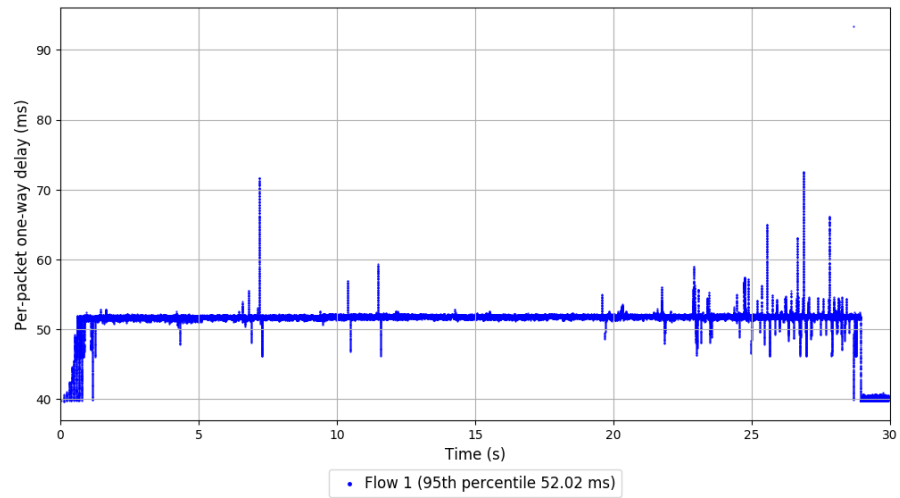
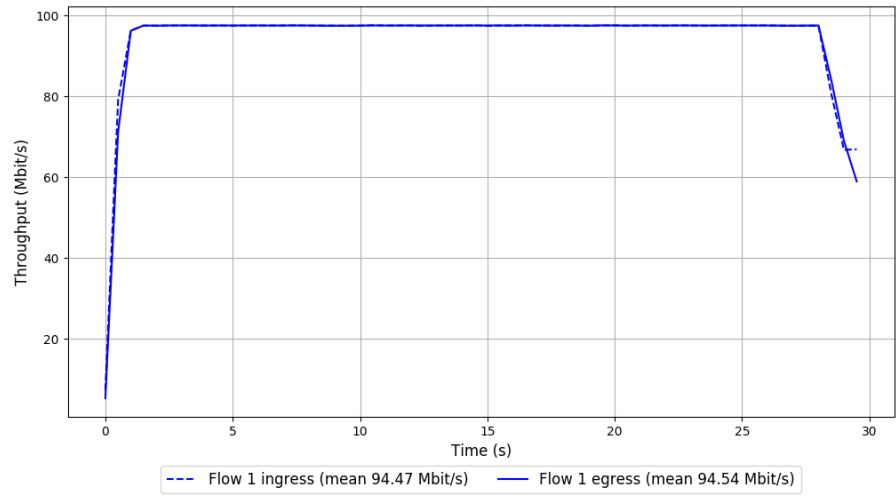
-- Flow 1:

Average throughput: 94.54 Mbit/s

95th percentile per-packet one-way delay: 52.025 ms

Loss rate: 0.22%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: 2017-08-16 19:45:42

End at: 2017-08-16 19:46:12

Local clock offset: 0.224 ms

Remote clock offset: 1.68 ms

Below is generated by plot.py at 2017-08-17 01:51:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.48 Mbit/s

95th percentile per-packet one-way delay: 51.898 ms

Loss rate: 0.33%

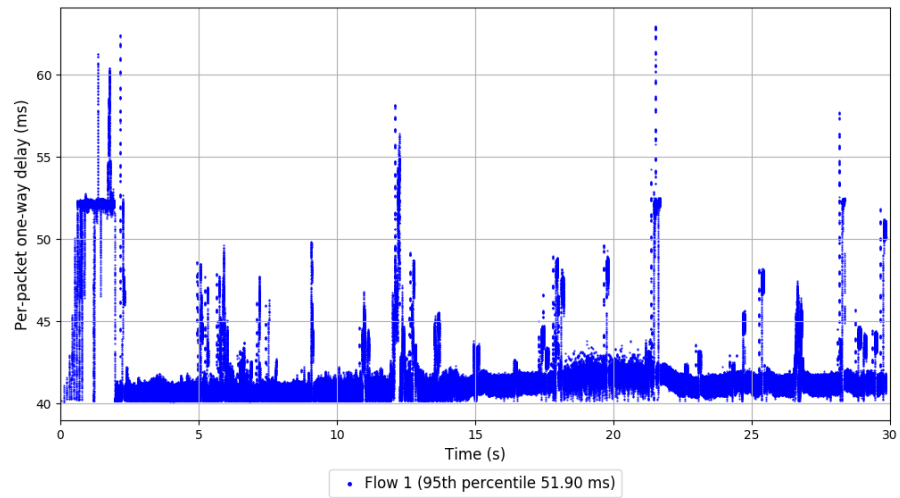
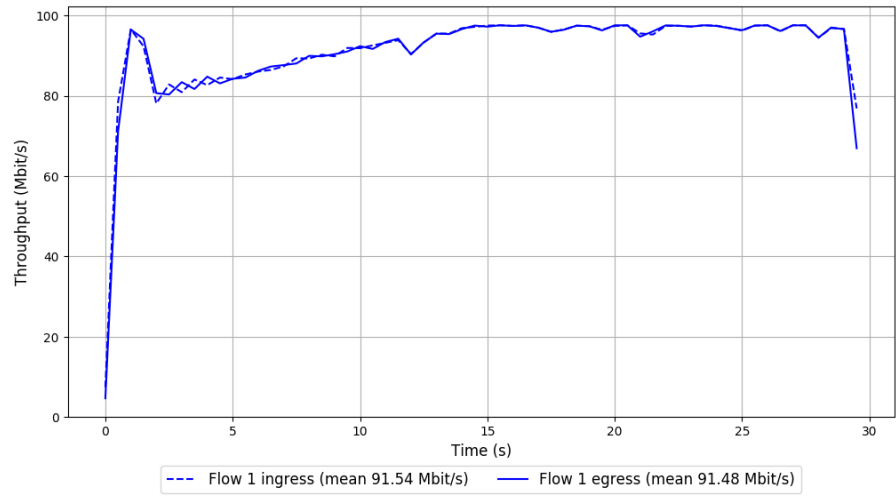
-- Flow 1:

Average throughput: 91.48 Mbit/s

95th percentile per-packet one-way delay: 51.898 ms

Loss rate: 0.33%

Run 4: Report of TCP Vegas — Data Link

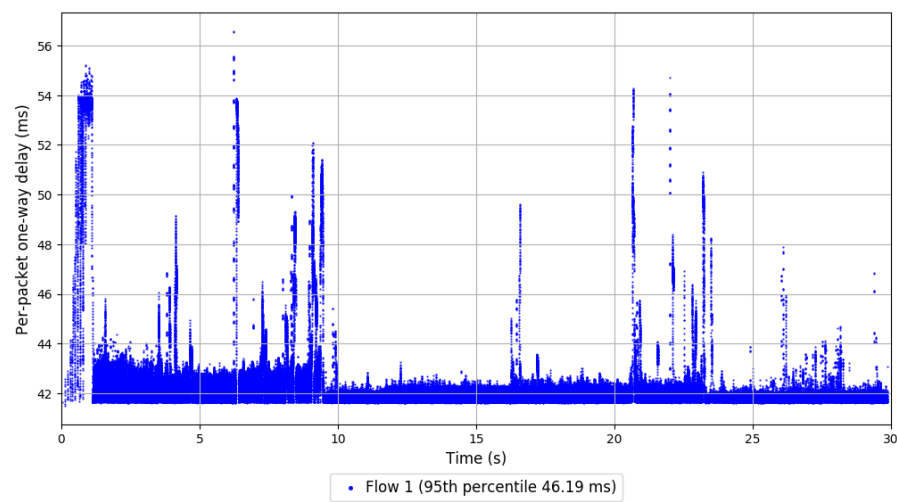
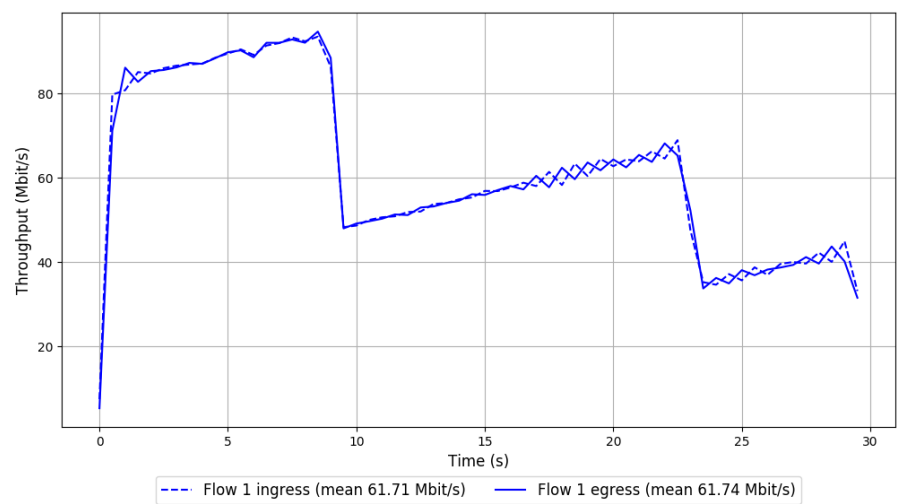


Run 5: Statistics of TCP Vegas

Start at: 2017-08-16 20:06:00
End at: 2017-08-16 20:06:30
Local clock offset: 0.095 ms
Remote clock offset: -0.696 ms

Below is generated by plot.py at 2017-08-17 01:51:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 61.74 Mbit/s
95th percentile per-packet one-way delay: 46.194 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 61.74 Mbit/s
95th percentile per-packet one-way delay: 46.194 ms
Loss rate: 0.25%

Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: 2017-08-16 20:26:17

End at: 2017-08-16 20:26:47

Local clock offset: 0.039 ms

Remote clock offset: 1.225 ms

Below is generated by plot.py at 2017-08-17 01:51:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.15 Mbit/s

95th percentile per-packet one-way delay: 51.601 ms

Loss rate: 0.23%

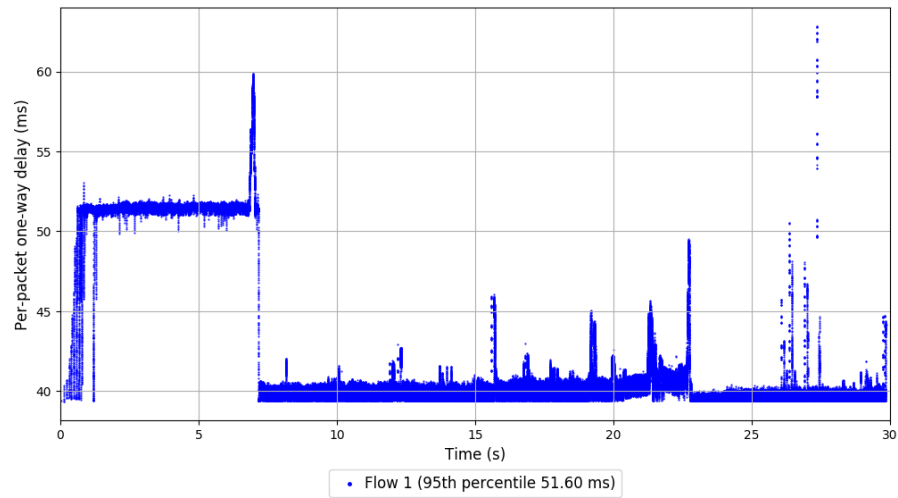
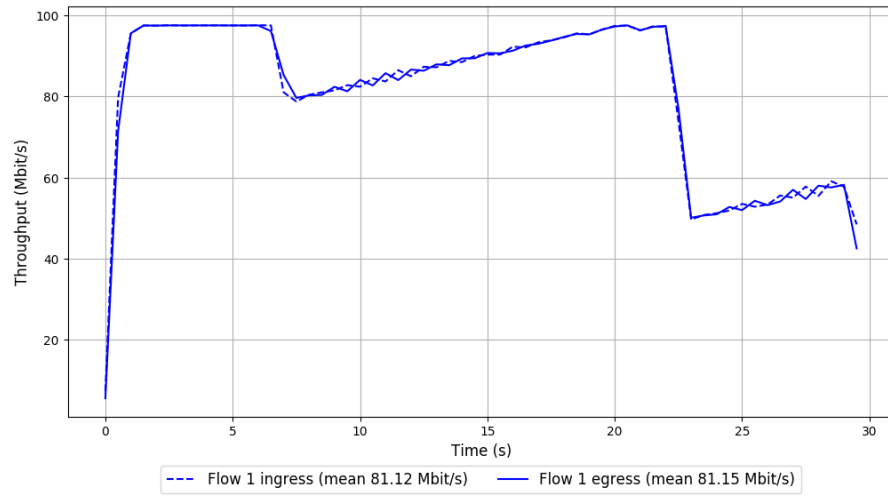
-- Flow 1:

Average throughput: 81.15 Mbit/s

95th percentile per-packet one-way delay: 51.601 ms

Loss rate: 0.23%

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: 2017-08-16 20:46:43

End at: 2017-08-16 20:47:13

Local clock offset: 0.029 ms

Remote clock offset: 0.638 ms

Below is generated by plot.py at 2017-08-17 01:52:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.26 Mbit/s

95th percentile per-packet one-way delay: 45.101 ms

Loss rate: 0.35%

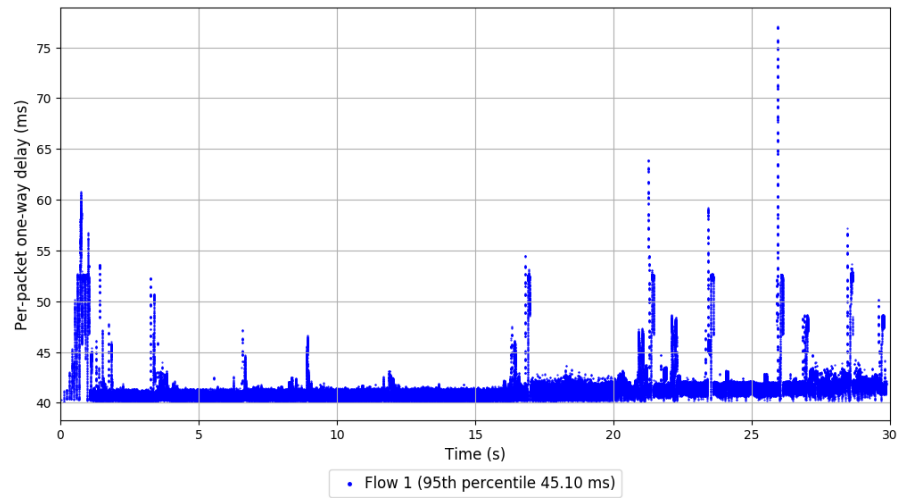
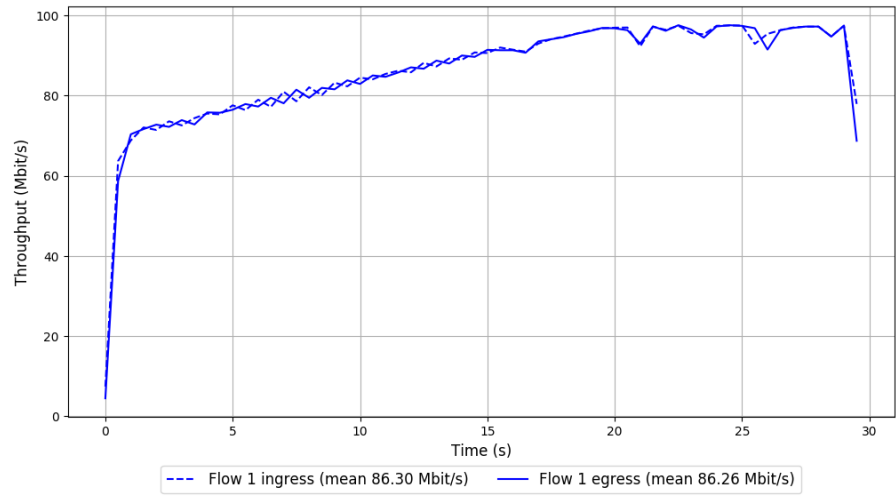
-- Flow 1:

Average throughput: 86.26 Mbit/s

95th percentile per-packet one-way delay: 45.101 ms

Loss rate: 0.35%

Run 7: Report of TCP Vegas — Data Link

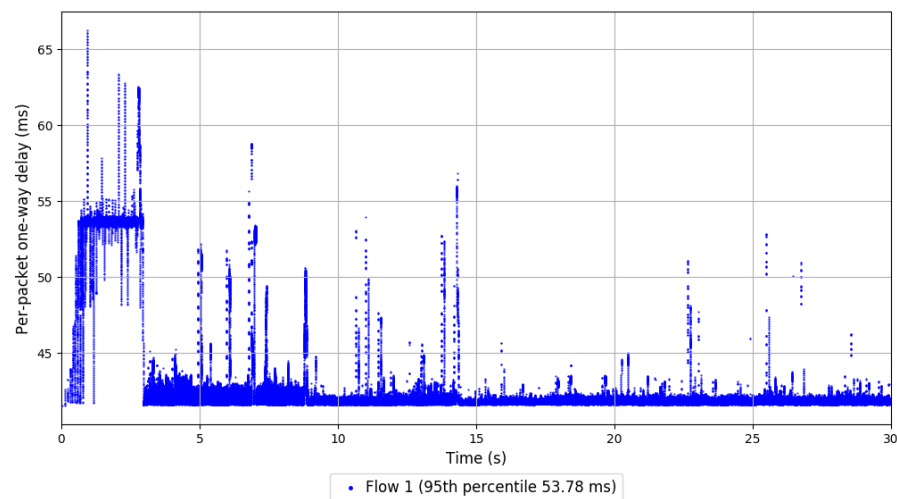
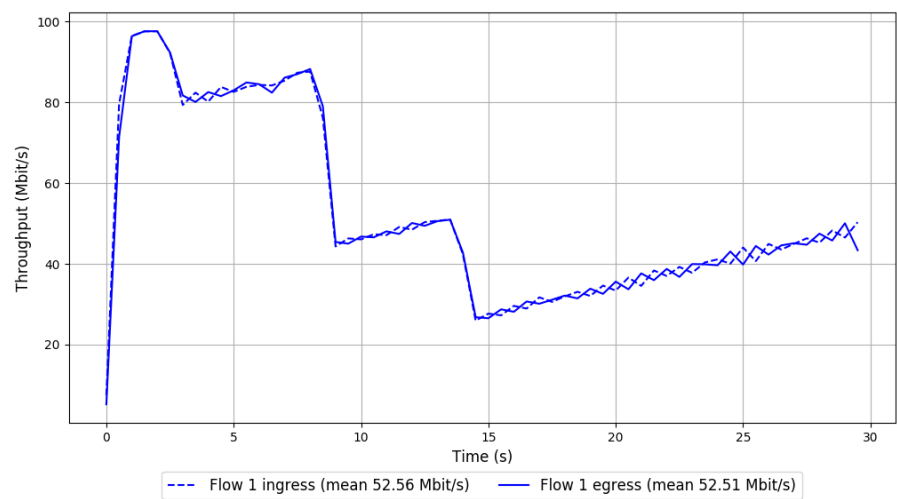


Run 8: Statistics of TCP Vegas

Start at: 2017-08-16 21:07:17
End at: 2017-08-16 21:07:47
Local clock offset: -0.179 ms
Remote clock offset: -1.917 ms

Below is generated by plot.py at 2017-08-17 01:52:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 52.51 Mbit/s
95th percentile per-packet one-way delay: 53.776 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 52.51 Mbit/s
95th percentile per-packet one-way delay: 53.776 ms
Loss rate: 0.40%

Run 8: Report of TCP Vegas — Data Link

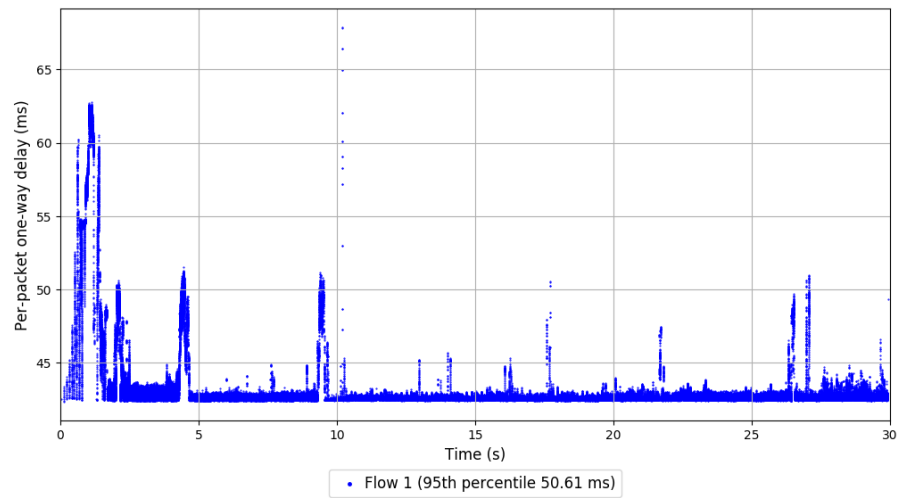
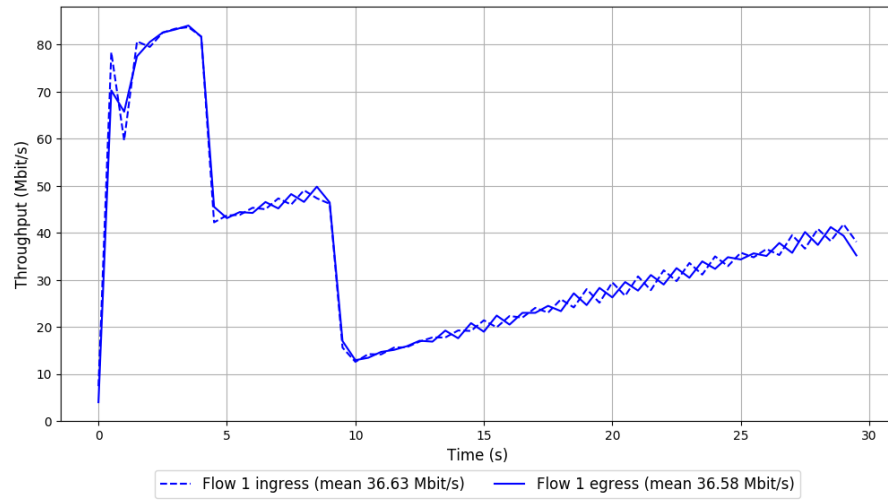


Run 9: Statistics of TCP Vegas

Start at: 2017-08-16 21:27:32
End at: 2017-08-16 21:28:02
Local clock offset: -0.431 ms
Remote clock offset: -2.262 ms

Below is generated by plot.py at 2017-08-17 01:52:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 36.58 Mbit/s
95th percentile per-packet one-way delay: 50.612 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 36.58 Mbit/s
95th percentile per-packet one-way delay: 50.612 ms
Loss rate: 0.38%

Run 9: Report of TCP Vegas — Data Link

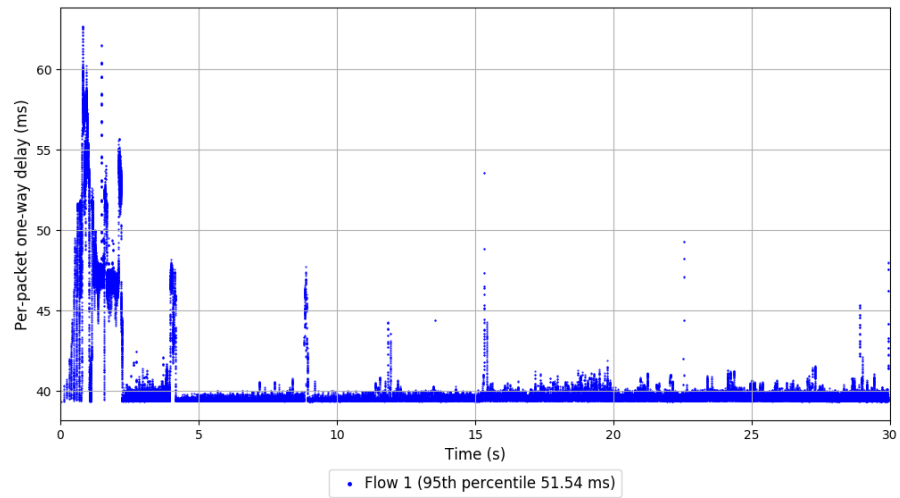
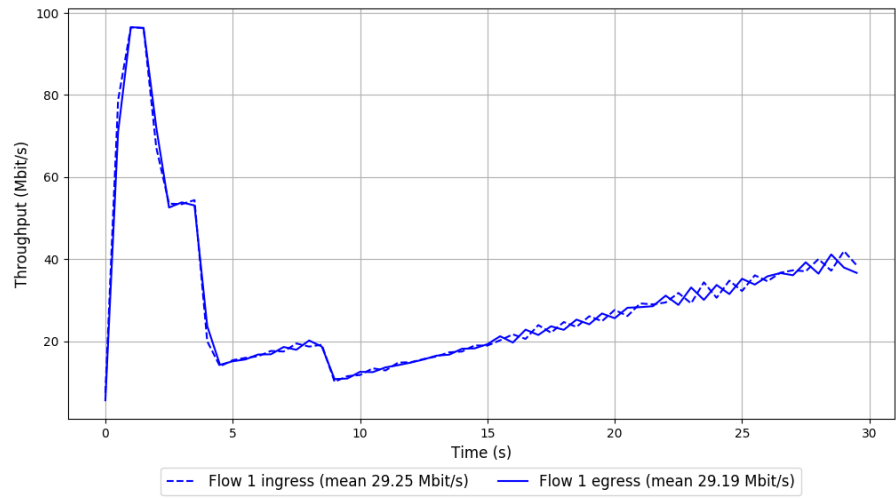


Run 10: Statistics of TCP Vegas

Start at: 2017-08-16 21:48:43
End at: 2017-08-16 21:49:13
Local clock offset: -0.547 ms
Remote clock offset: -0.316 ms

Below is generated by plot.py at 2017-08-17 01:52:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 29.19 Mbit/s
95th percentile per-packet one-way delay: 51.542 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 29.19 Mbit/s
95th percentile per-packet one-way delay: 51.542 ms
Loss rate: 0.49%

Run 10: Report of TCP Vegas — Data Link

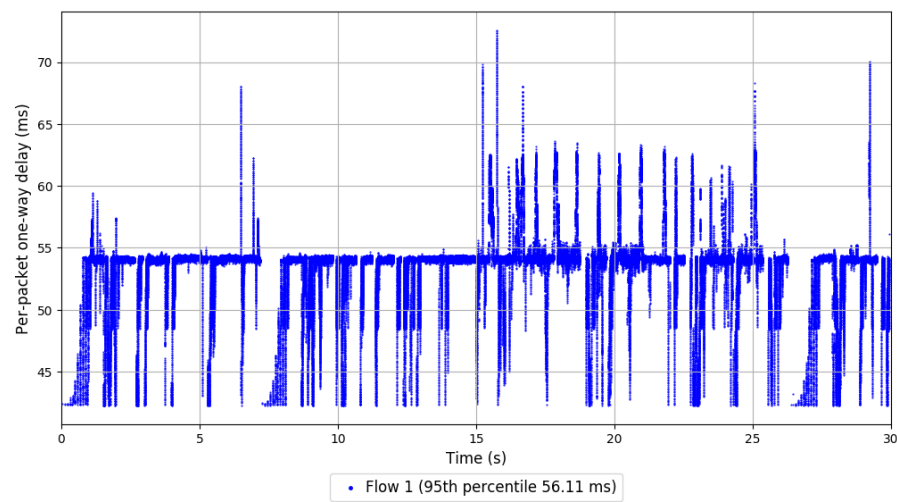
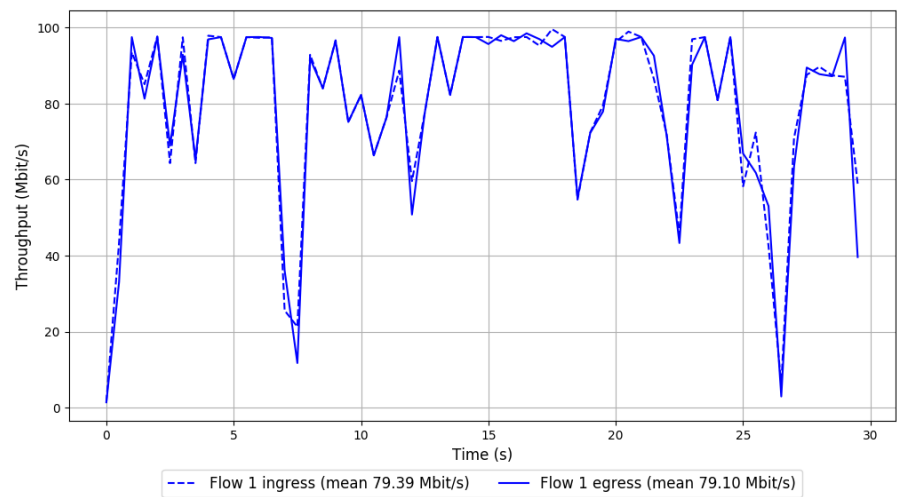


Run 1: Statistics of Verus

Start at: 2017-08-16 18:37:43
End at: 2017-08-16 18:38:13
Local clock offset: 0.741 ms
Remote clock offset: -0.939 ms

Below is generated by plot.py at 2017-08-17 01:52:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 79.10 Mbit/s
95th percentile per-packet one-way delay: 56.108 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 79.10 Mbit/s
95th percentile per-packet one-way delay: 56.108 ms
Loss rate: 0.66%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: 2017-08-16 18:58:02

End at: 2017-08-16 18:58:32

Local clock offset: 0.833 ms

Remote clock offset: 1.431 ms

Below is generated by plot.py at 2017-08-17 01:52:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 76.32 Mbit/s

95th percentile per-packet one-way delay: 52.427 ms

Loss rate: 0.67%

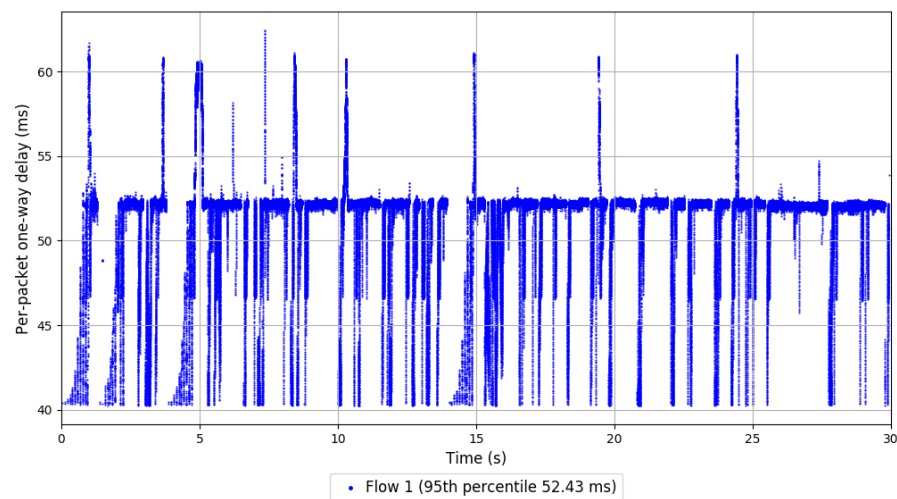
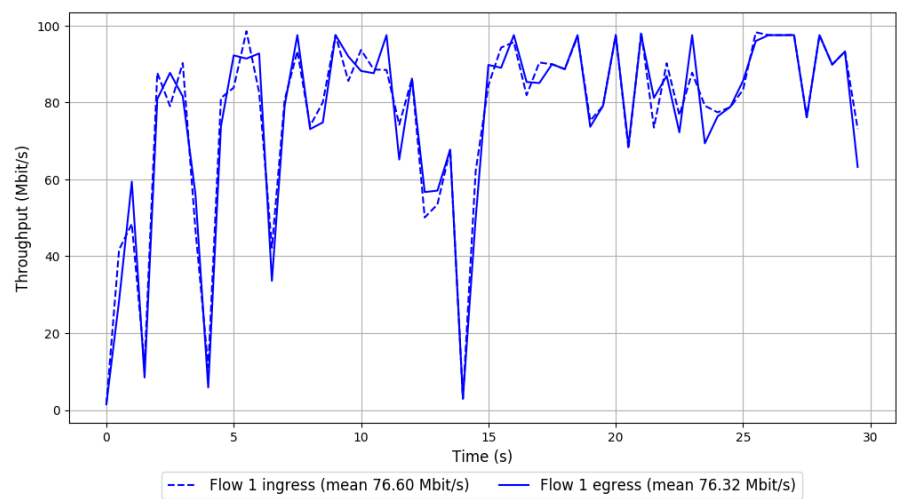
-- Flow 1:

Average throughput: 76.32 Mbit/s

95th percentile per-packet one-way delay: 52.427 ms

Loss rate: 0.67%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: 2017-08-16 19:18:25

End at: 2017-08-16 19:18:55

Local clock offset: 0.551 ms

Remote clock offset: 1.591 ms

Below is generated by plot.py at 2017-08-17 01:52:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 76.39 Mbit/s

95th percentile per-packet one-way delay: 52.415 ms

Loss rate: 0.29%

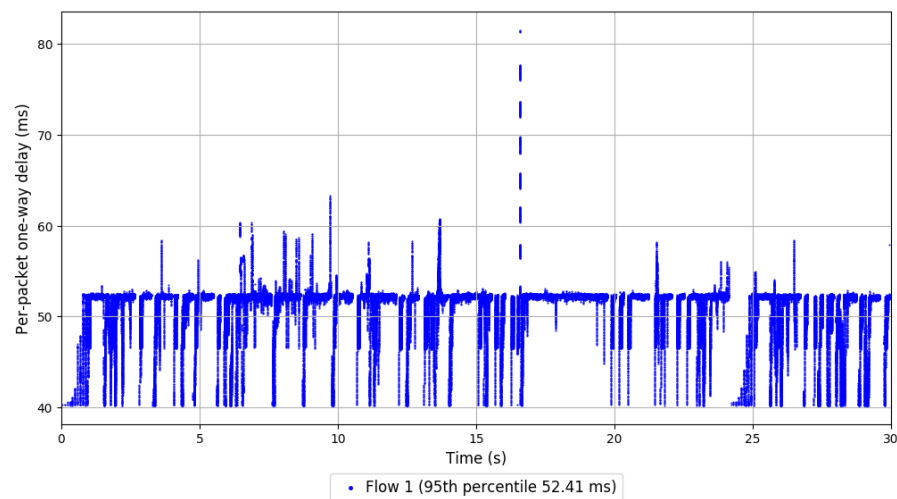
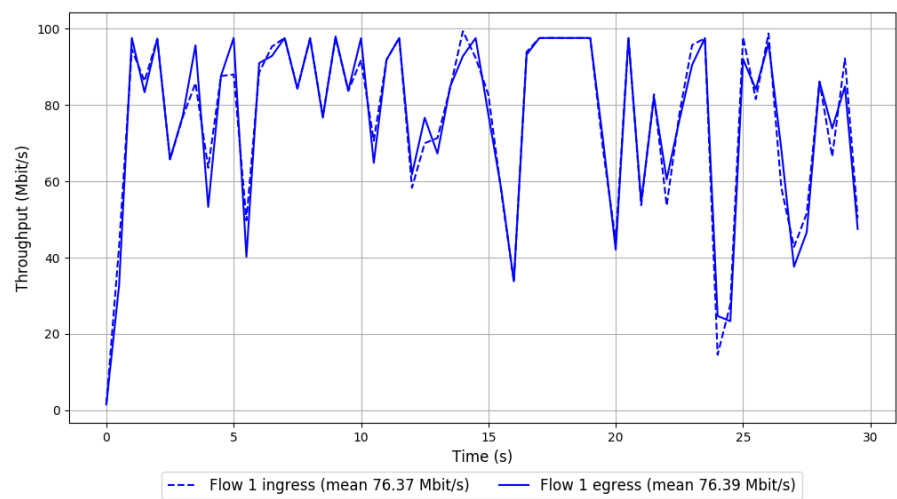
-- Flow 1:

Average throughput: 76.39 Mbit/s

95th percentile per-packet one-way delay: 52.415 ms

Loss rate: 0.29%

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: 2017-08-16 19:38:48

End at: 2017-08-16 19:39:18

Local clock offset: 0.355 ms

Remote clock offset: 2.045 ms

Below is generated by plot.py at 2017-08-17 01:52:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.84 Mbit/s

95th percentile per-packet one-way delay: 52.014 ms

Loss rate: 0.45%

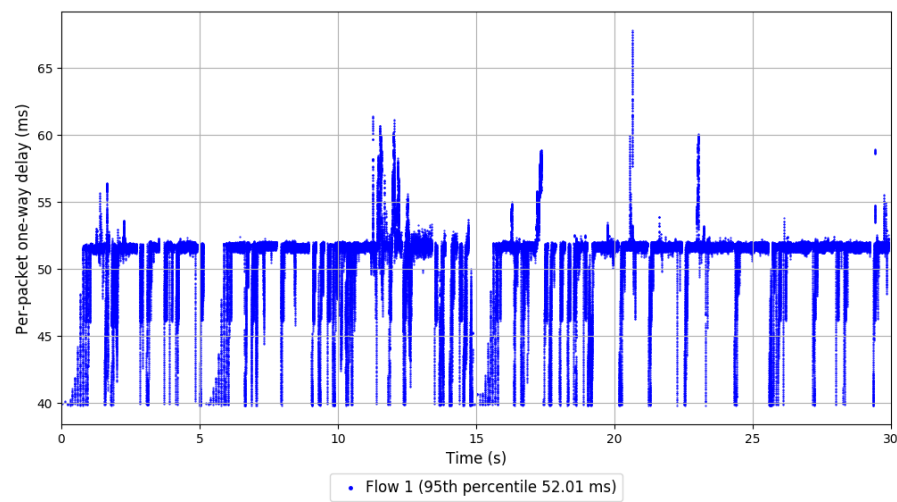
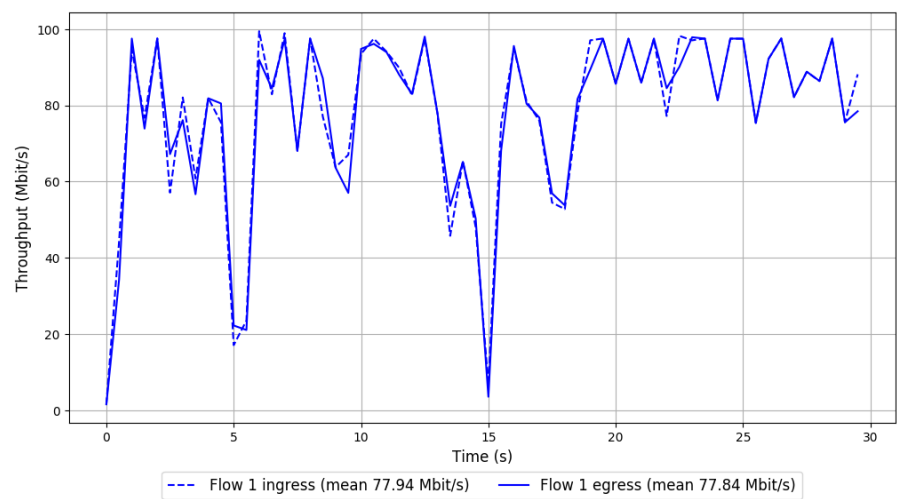
-- Flow 1:

Average throughput: 77.84 Mbit/s

95th percentile per-packet one-way delay: 52.014 ms

Loss rate: 0.45%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: 2017-08-16 19:59:06

End at: 2017-08-16 19:59:36

Local clock offset: 0.238 ms

Remote clock offset: 1.438 ms

Below is generated by plot.py at 2017-08-17 01:52:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 69.65 Mbit/s

95th percentile per-packet one-way delay: 51.749 ms

Loss rate: 0.09%

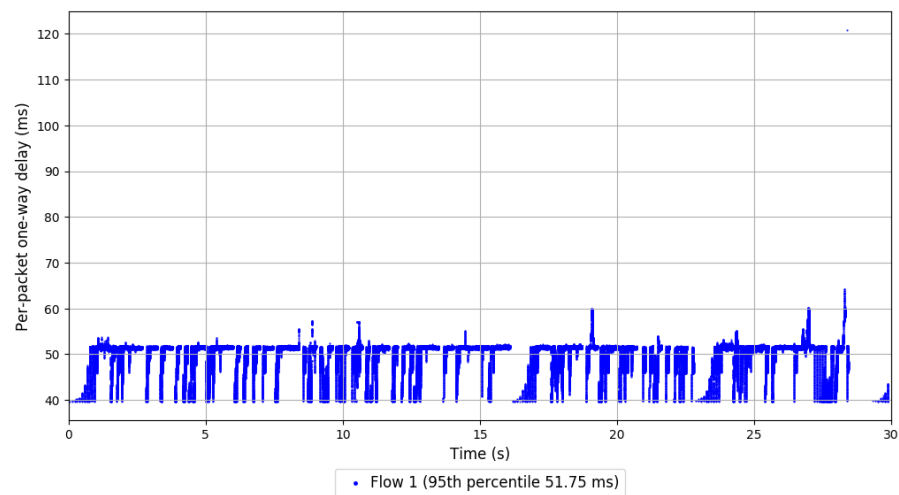
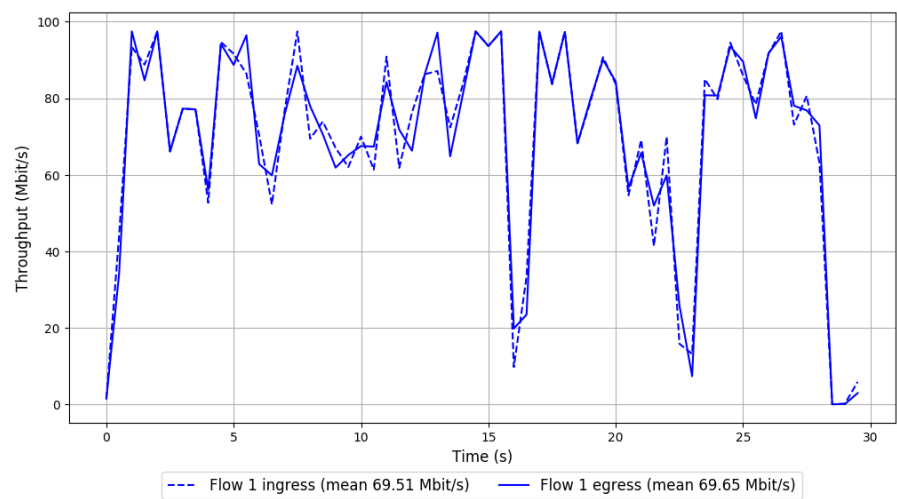
-- Flow 1:

Average throughput: 69.65 Mbit/s

95th percentile per-packet one-way delay: 51.749 ms

Loss rate: 0.09%

Run 5: Report of Verus — Data Link

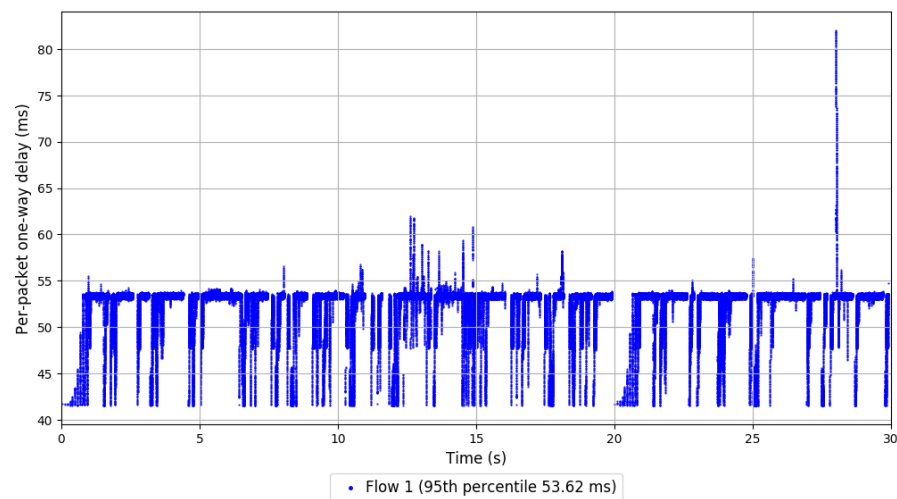
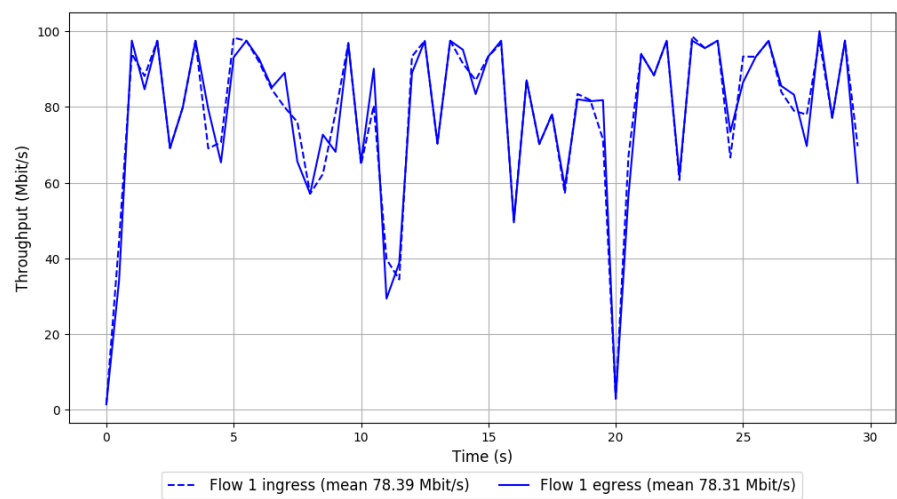


Run 6: Statistics of Verus

Start at: 2017-08-16 20:19:22
End at: 2017-08-16 20:19:52
Local clock offset: 0.155 ms
Remote clock offset: -0.821 ms

Below is generated by plot.py at 2017-08-17 01:52:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.31 Mbit/s
95th percentile per-packet one-way delay: 53.625 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 78.31 Mbit/s
95th percentile per-packet one-way delay: 53.625 ms
Loss rate: 0.43%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

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

End at: 2017-08-16 20:40:20

Local clock offset: 0.04 ms

Remote clock offset: 0.955 ms

Below is generated by plot.py at 2017-08-17 01:52:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 74.59 Mbit/s

95th percentile per-packet one-way delay: 51.562 ms

Loss rate: 0.38%

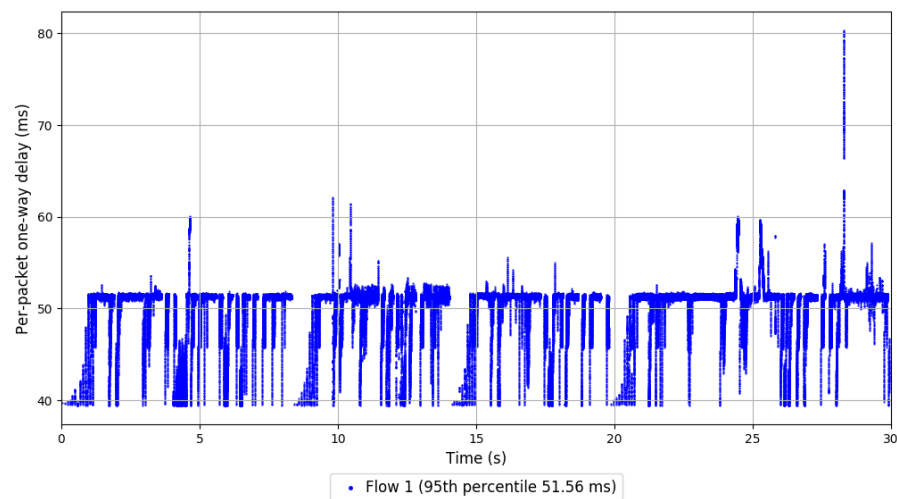
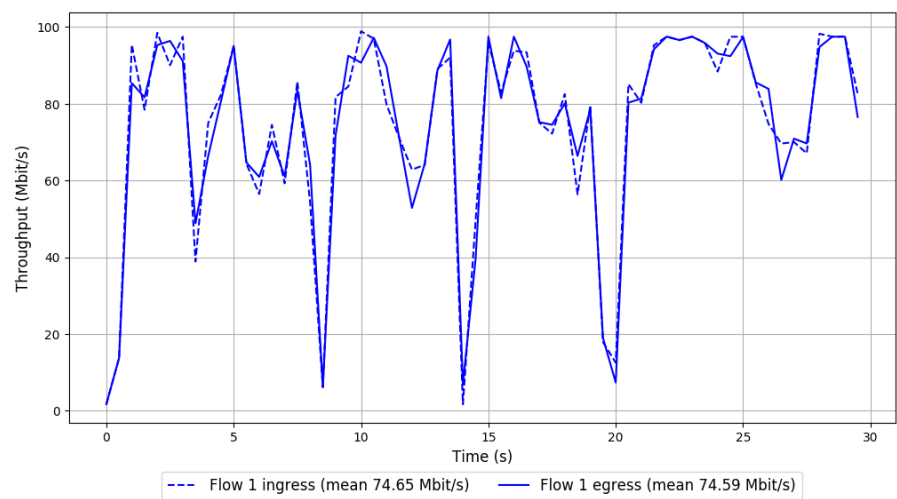
-- Flow 1:

Average throughput: 74.59 Mbit/s

95th percentile per-packet one-way delay: 51.562 ms

Loss rate: 0.38%

Run 7: Report of Verus — Data Link

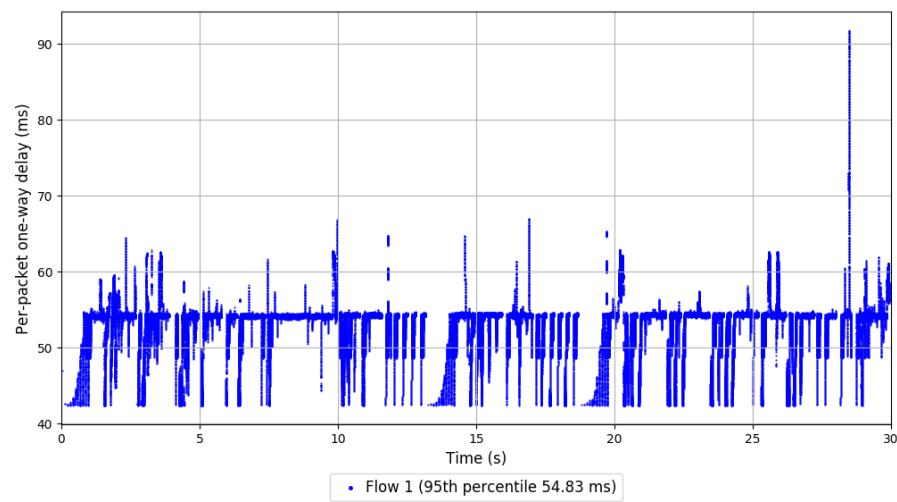
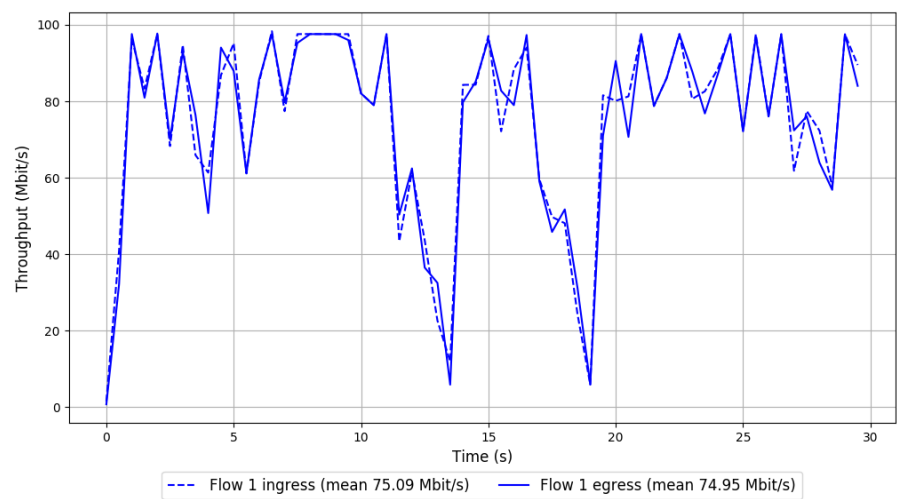


Run 8: Statistics of Verus

Start at: 2017-08-16 21:00:05
End at: 2017-08-16 21:00:35
Local clock offset: -0.098 ms
Remote clock offset: -1.864 ms

Below is generated by plot.py at 2017-08-17 01:52:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.95 Mbit/s
95th percentile per-packet one-way delay: 54.830 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 74.95 Mbit/s
95th percentile per-packet one-way delay: 54.830 ms
Loss rate: 0.41%

Run 8: Report of Verus — Data Link

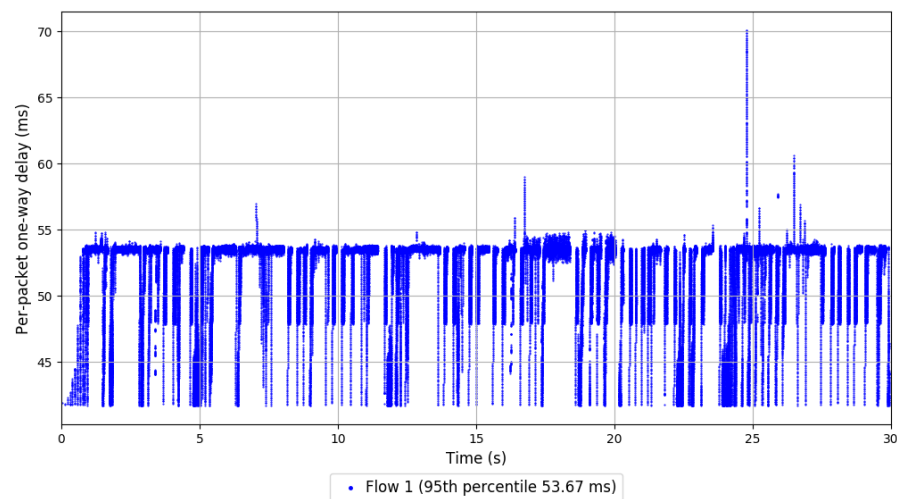
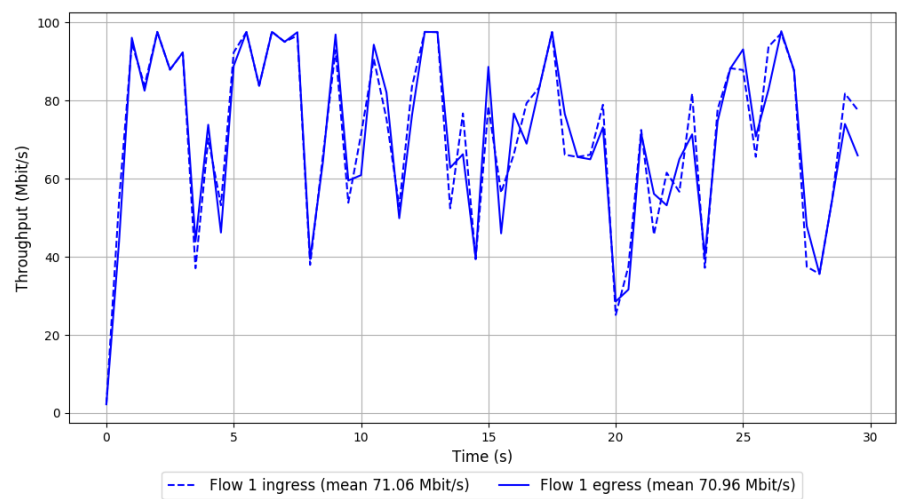


Run 9: Statistics of Verus

Start at: 2017-08-16 21:20:43
End at: 2017-08-16 21:21:13
Local clock offset: -0.406 ms
Remote clock offset: -2.229 ms

Below is generated by plot.py at 2017-08-17 01:53:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 70.96 Mbit/s
95th percentile per-packet one-way delay: 53.666 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 70.96 Mbit/s
95th percentile per-packet one-way delay: 53.666 ms
Loss rate: 0.46%

Run 9: Report of Verus — Data Link

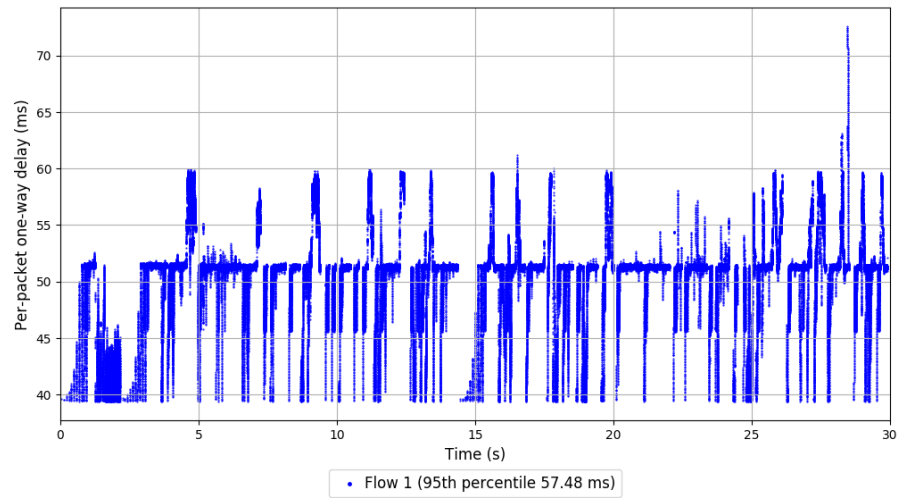
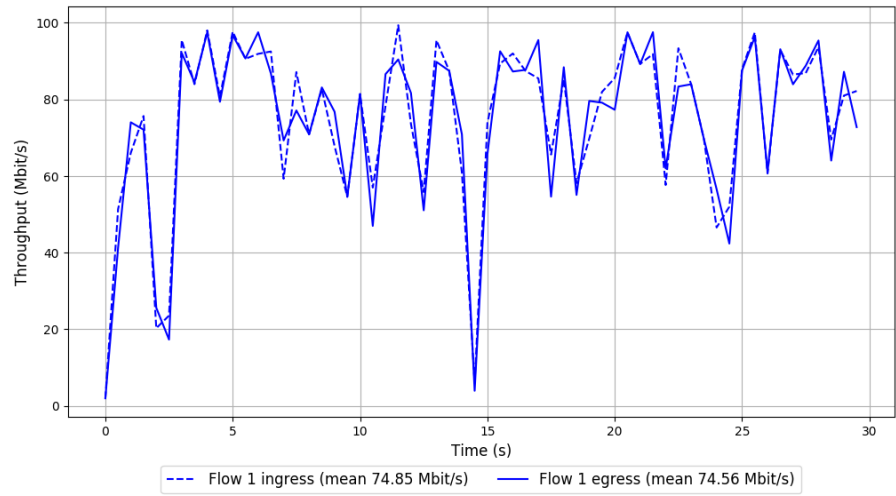


Run 10: Statistics of Verus

Start at: 2017-08-16 21:41:19
End at: 2017-08-16 21:41:49
Local clock offset: -0.576 ms
Remote clock offset: -0.145 ms

Below is generated by plot.py at 2017-08-17 01:53:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.56 Mbit/s
95th percentile per-packet one-way delay: 57.479 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 74.56 Mbit/s
95th percentile per-packet one-way delay: 57.479 ms
Loss rate: 0.62%

Run 10: Report of Verus — Data Link

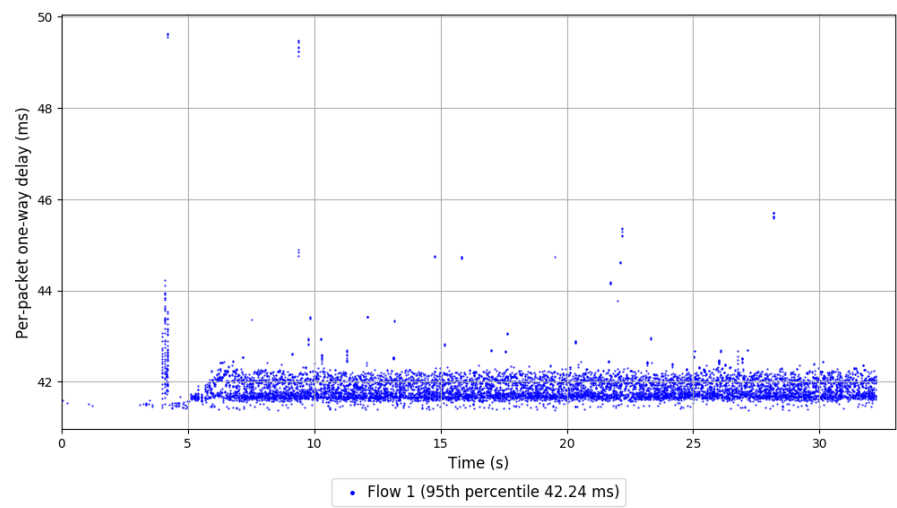
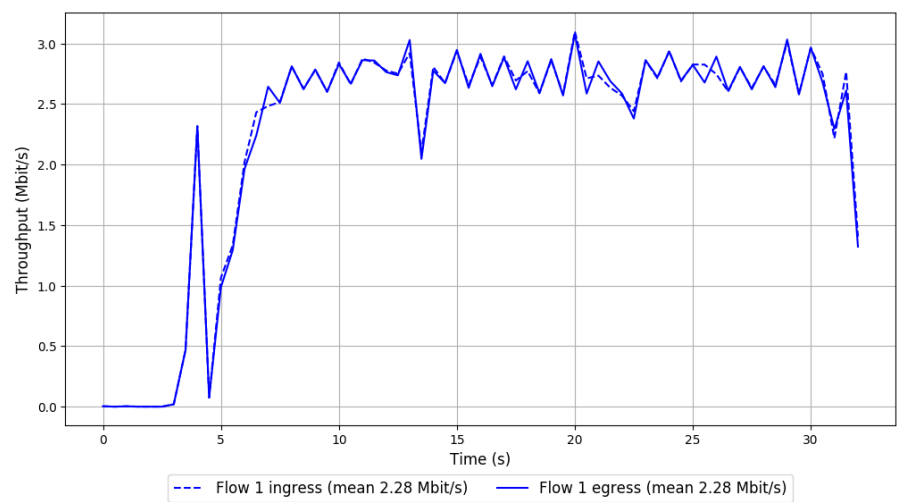


Run 1: Statistics of WebRTC media

Start at: 2017-08-16 18:48:38
End at: 2017-08-16 18:49:08
Local clock offset: 0.877 ms
Remote clock offset: -0.834 ms

Below is generated by plot.py at 2017-08-17 01:53:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.28 Mbit/s
95th percentile per-packet one-way delay: 42.239 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 2.28 Mbit/s
95th percentile per-packet one-way delay: 42.239 ms
Loss rate: 0.31%

Run 1: Report of WebRTC media — Data Link

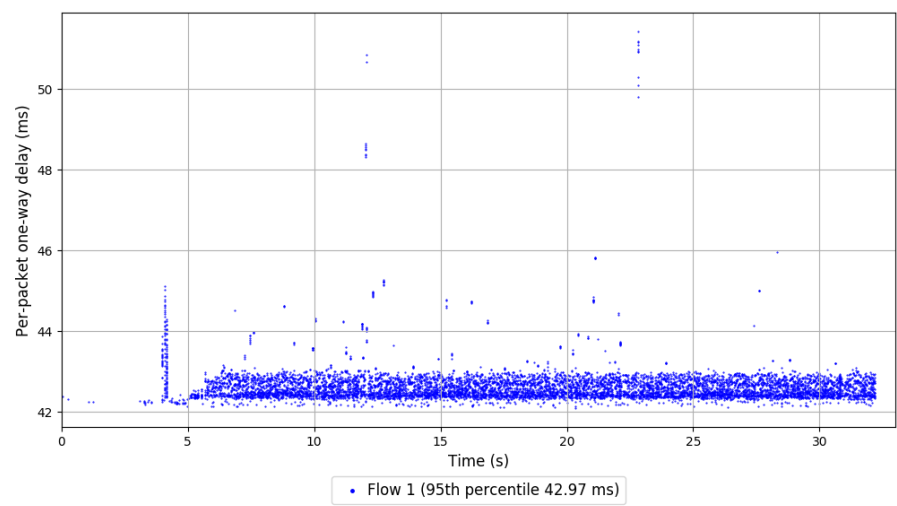
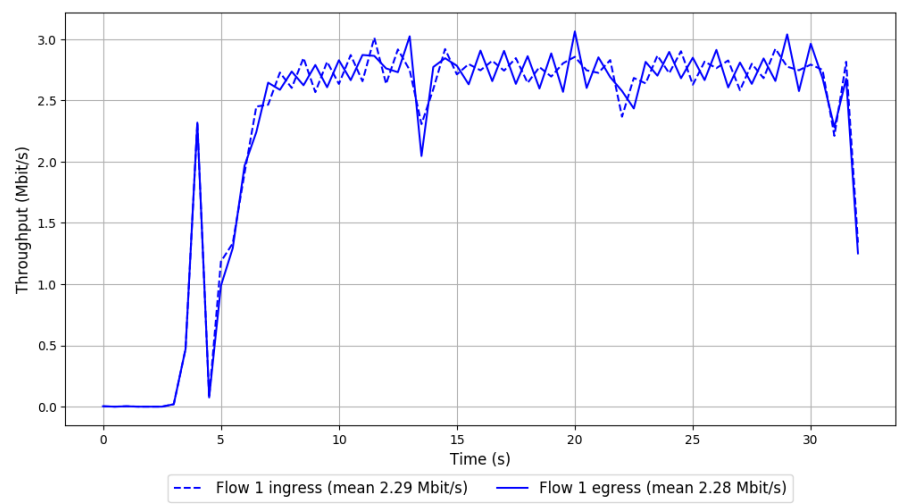


Run 2: Statistics of WebRTC media

Start at: 2017-08-16 19:09:03
End at: 2017-08-16 19:09:33
Local clock offset: 0.779 ms
Remote clock offset: -0.434 ms

Below is generated by plot.py at 2017-08-17 01:53:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.28 Mbit/s
95th percentile per-packet one-way delay: 42.974 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 2.28 Mbit/s
95th percentile per-packet one-way delay: 42.974 ms
Loss rate: 0.33%

Run 2: Report of WebRTC media — Data Link

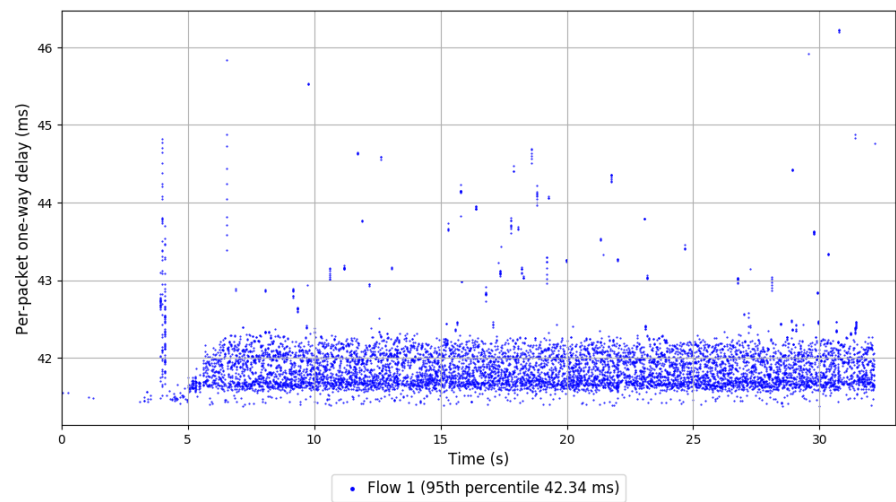
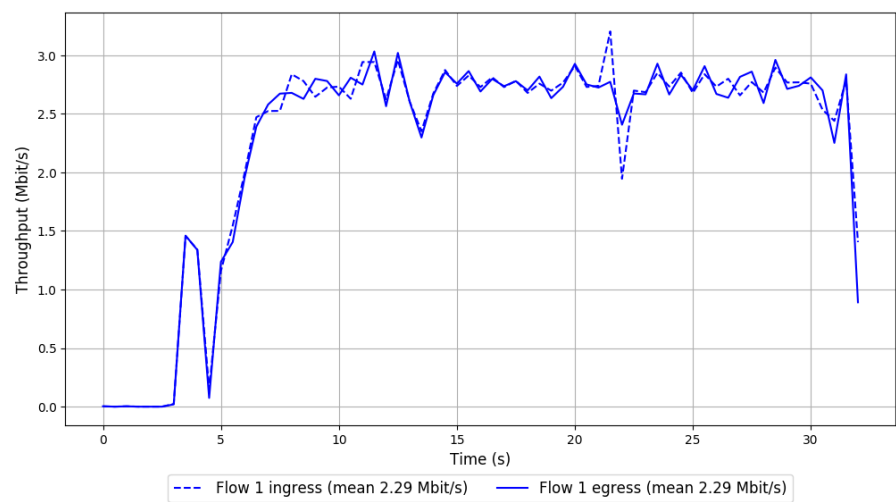


Run 3: Statistics of WebRTC media

Start at: 2017-08-16 19:29:30
End at: 2017-08-16 19:30:00
Local clock offset: 0.492 ms
Remote clock offset: -0.377 ms

Below is generated by plot.py at 2017-08-17 01:53:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 42.341 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 42.341 ms
Loss rate: 0.45%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: 2017-08-16 19:49:47

End at: 2017-08-16 19:50:17

Local clock offset: 0.192 ms

Remote clock offset: -0.51 ms

Below is generated by plot.py at 2017-08-17 01:53:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.28 Mbit/s

95th percentile per-packet one-way delay: 42.875 ms

Loss rate: 0.32%

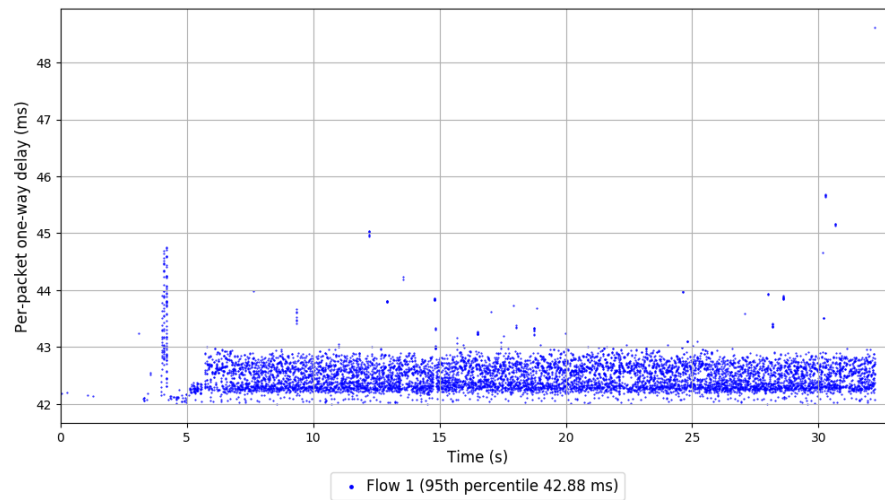
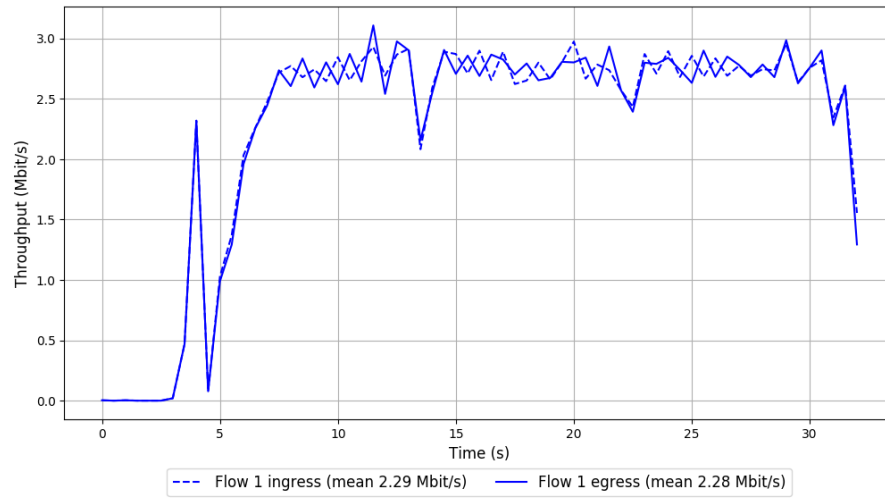
-- Flow 1:

Average throughput: 2.28 Mbit/s

95th percentile per-packet one-way delay: 42.875 ms

Loss rate: 0.32%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2017-08-16 20:10:04

End at: 2017-08-16 20:10:34

Local clock offset: 0.096 ms

Remote clock offset: 1.778 ms

Below is generated by plot.py at 2017-08-17 01:53:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 40.371 ms

Loss rate: 0.32%

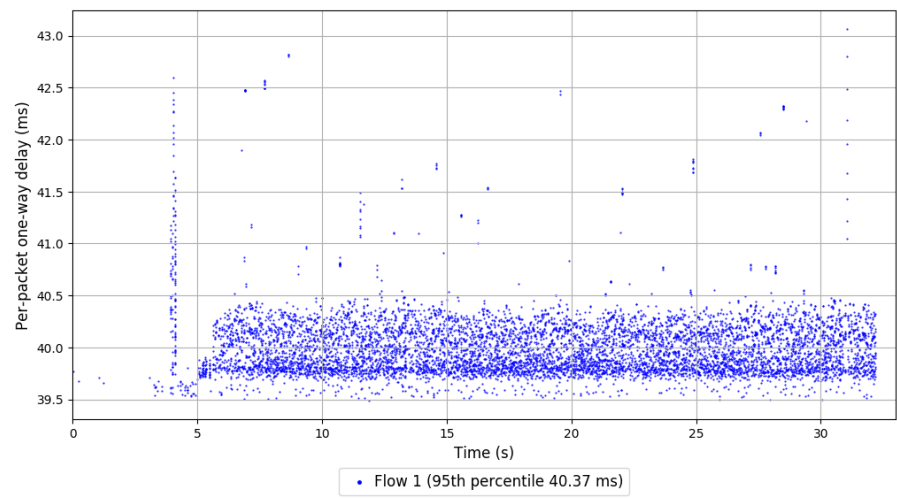
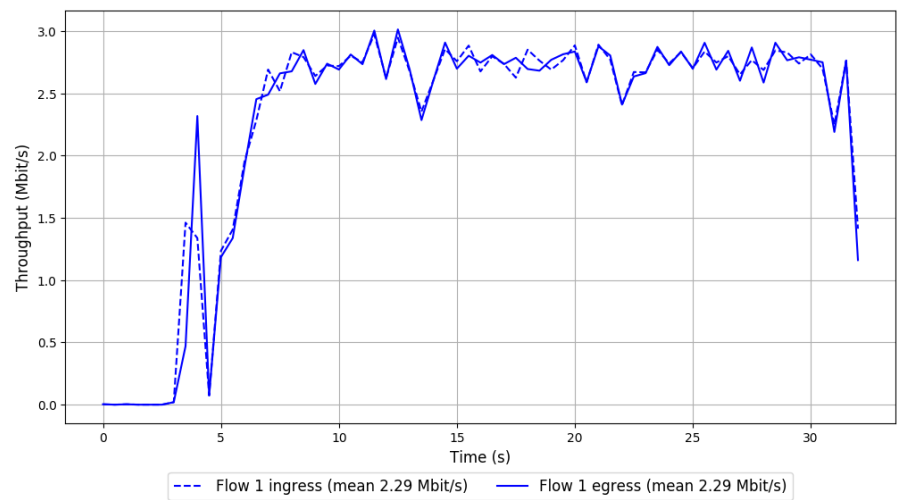
-- Flow 1:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 40.371 ms

Loss rate: 0.32%

Run 5: Report of WebRTC media — Data Link

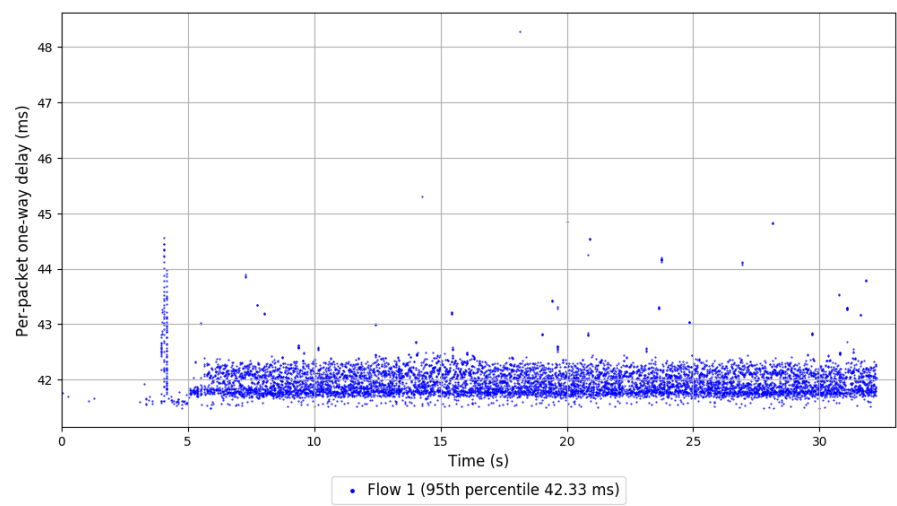
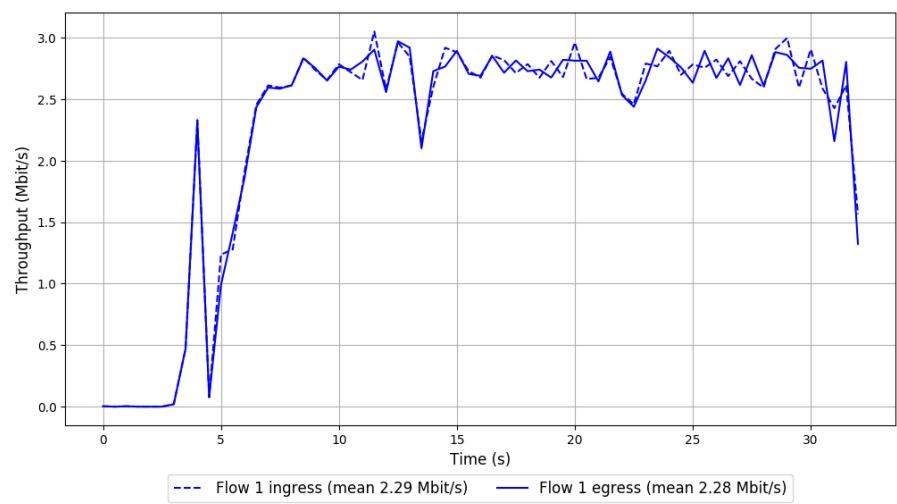


Run 6: Statistics of WebRTC media

Start at: 2017-08-16 20:30:31
End at: 2017-08-16 20:31:01
Local clock offset: 0.117 ms
Remote clock offset: -1.023 ms

Below is generated by plot.py at 2017-08-17 01:53:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.28 Mbit/s
95th percentile per-packet one-way delay: 42.332 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 2.28 Mbit/s
95th percentile per-packet one-way delay: 42.332 ms
Loss rate: 0.32%

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: 2017-08-16 20:50:48

End at: 2017-08-16 20:51:18

Local clock offset: 0.104 ms

Remote clock offset: 0.544 ms

Below is generated by plot.py at 2017-08-17 01:53:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.26 Mbit/s

95th percentile per-packet one-way delay: 40.279 ms

Loss rate: 0.31%

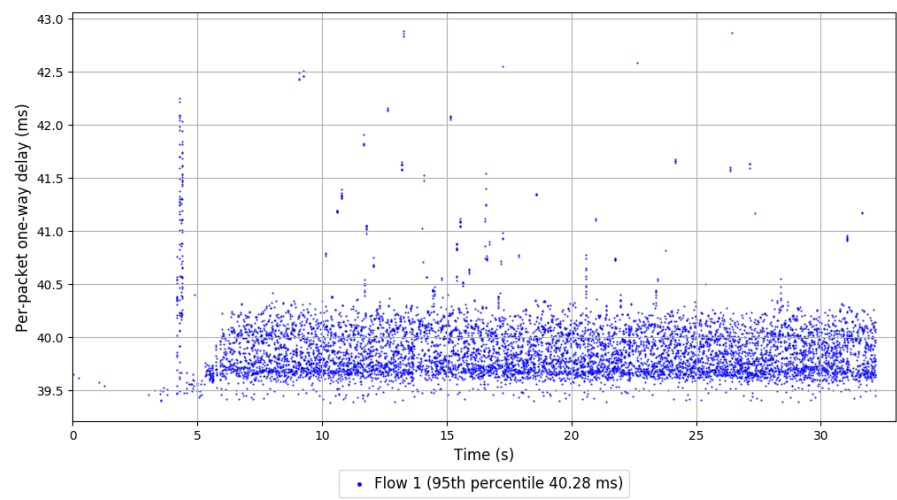
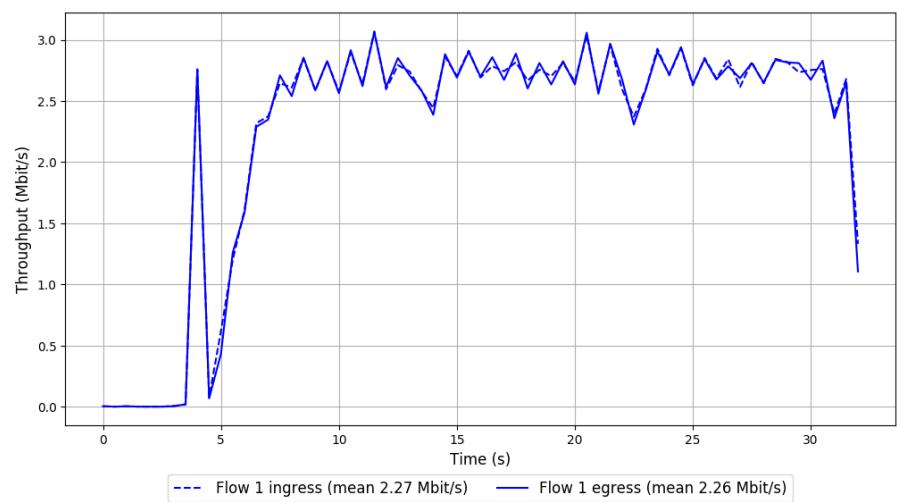
-- Flow 1:

Average throughput: 2.26 Mbit/s

95th percentile per-packet one-way delay: 40.279 ms

Loss rate: 0.31%

Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

Start at: 2017-08-16 21:11:27

End at: 2017-08-16 21:11:57

Local clock offset: -0.315 ms

Remote clock offset: 0.036 ms

Below is generated by plot.py at 2017-08-17 01:53:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.28 Mbit/s

95th percentile per-packet one-way delay: 40.827 ms

Loss rate: 0.41%

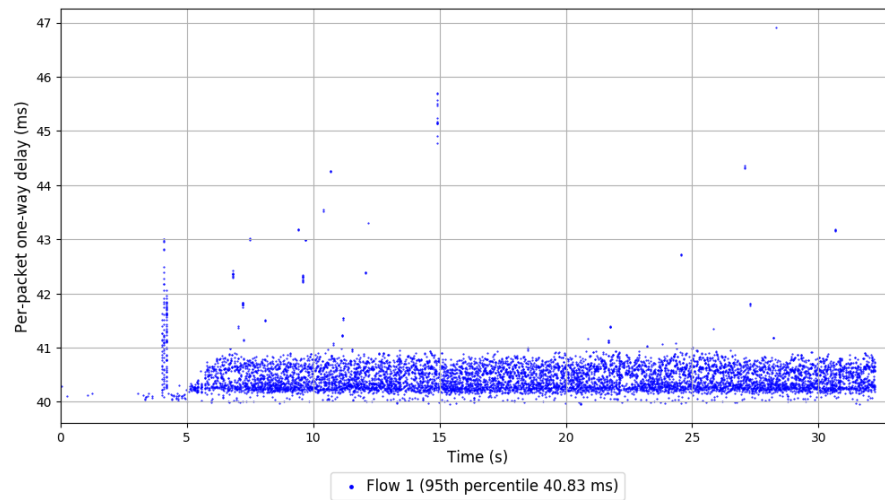
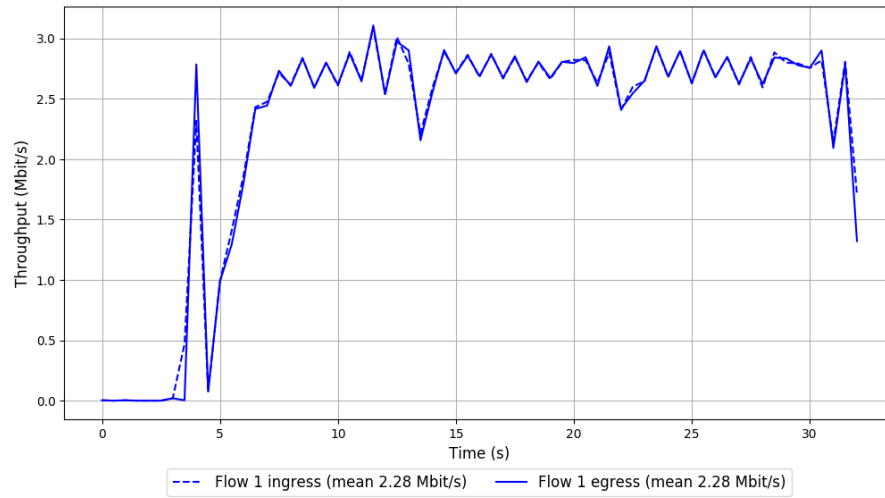
-- Flow 1:

Average throughput: 2.28 Mbit/s

95th percentile per-packet one-way delay: 40.827 ms

Loss rate: 0.41%

Run 8: Report of WebRTC media — Data Link

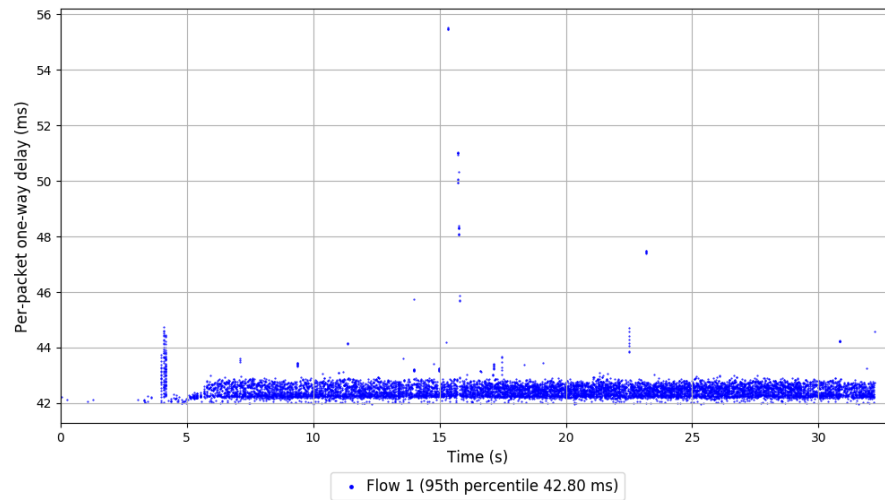
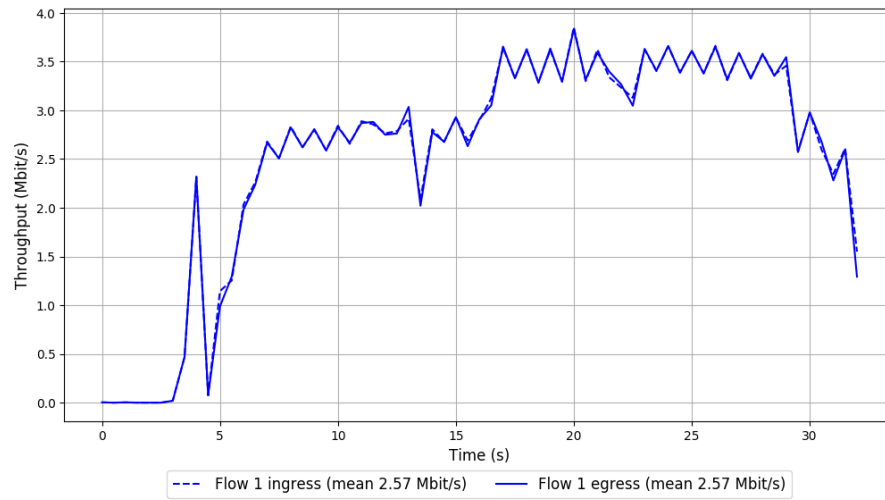


Run 9: Statistics of WebRTC media

Start at: 2017-08-16 21:31:48
End at: 2017-08-16 21:32:18
Local clock offset: -0.569 ms
Remote clock offset: -2.108 ms

Below is generated by plot.py at 2017-08-17 01:53:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.57 Mbit/s
95th percentile per-packet one-way delay: 42.802 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 2.57 Mbit/s
95th percentile per-packet one-way delay: 42.802 ms
Loss rate: 0.31%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2017-08-16 21:52:50
End at: 2017-08-16 21:53:20
Local clock offset: -0.443 ms
Remote clock offset: -0.057 ms

Below is generated by plot.py at 2017-08-17 01:53:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 39.817 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 39.817 ms
Loss rate: 0.34%

Run 10: Report of WebRTC media — Data Link

