

Pantheon Report

Generated at 2017-08-17 02:04:07 (UTC).

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

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).

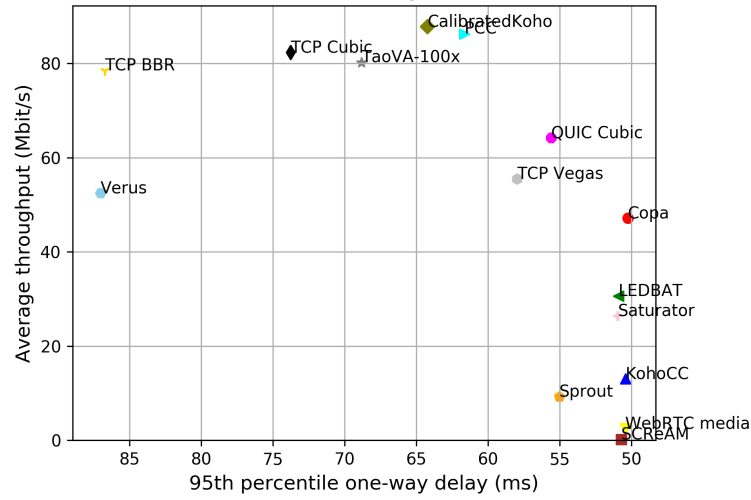
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

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

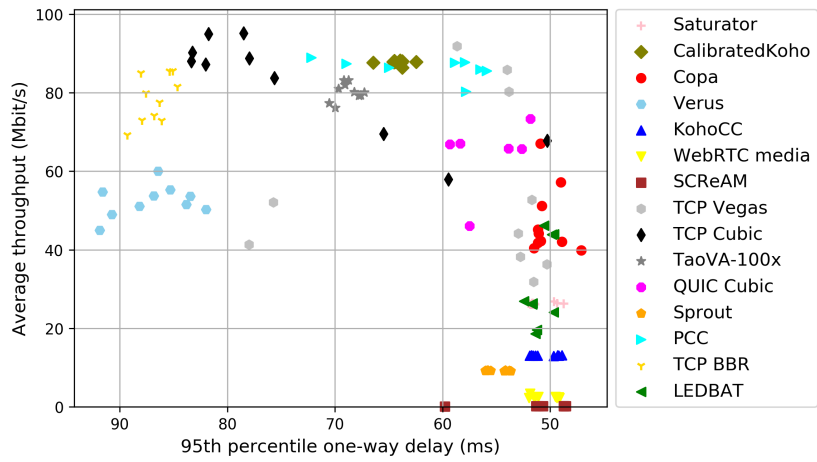
Git summary:

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



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



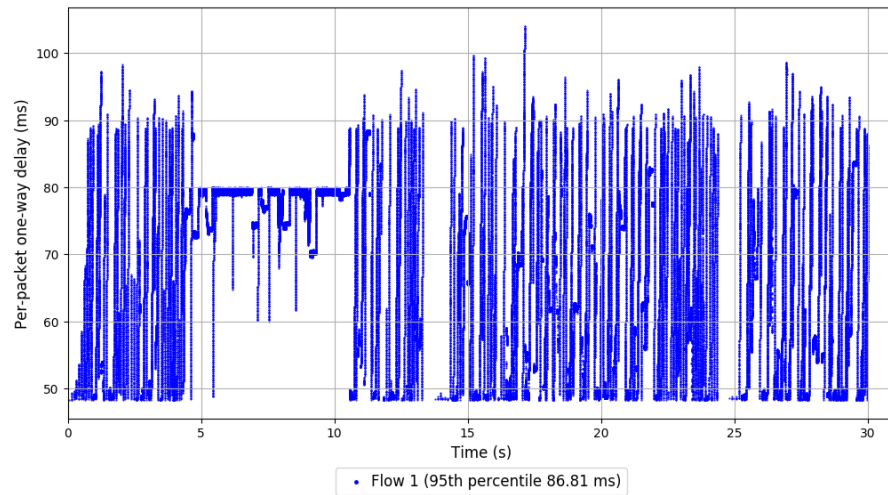
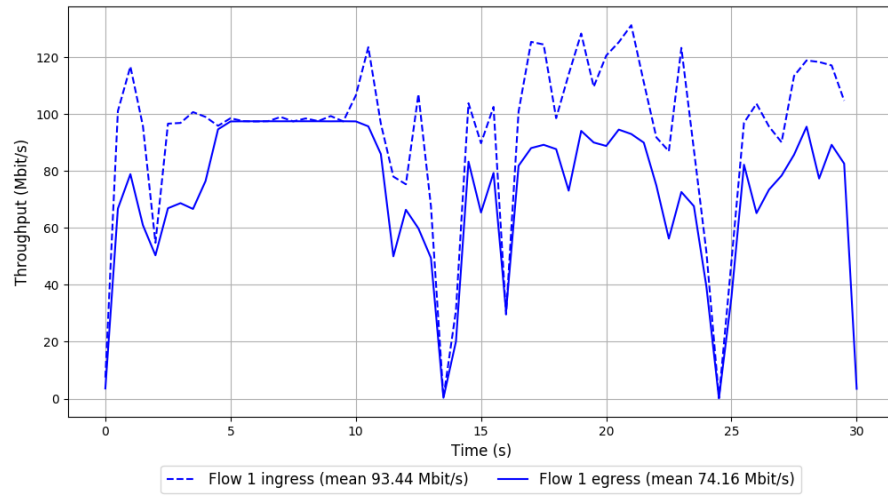
scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	78.45	86.72	25.41
CalibratedKoho	10	87.77	64.22	0.10
Copa	10	47.13	50.25	0.04
TCP Cubic	10	82.35	73.76	0.27
KohoCC	10	13.08	50.42	0.04
LEDBAT	9	30.64	50.91	0.06
PCC	8	86.27	61.65	0.89
QUIC Cubic	6	64.16	55.59	0.32
Saturator	10	26.33	50.95	0.05
SCReAM	10	0.20	50.71	0.33
Sprout	9	9.23	55.03	0.01
TaoVA-100x	10	80.20	68.81	0.09
TCP Vegas	10	55.49	57.96	0.63
Verus	10	52.45	87.02	39.01
WebRTC media	10	2.47	50.43	0.06

Run 1: Statistics of TCP BBR

Start at: 2017-08-16 21:59:26
End at: 2017-08-16 21:59:56
Local clock offset: -0.495 ms
Remote clock offset: -2.618 ms

Below is generated by plot.py at 2017-08-17 01:54:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.16 Mbit/s
95th percentile per-packet one-way delay: 86.806 ms
Loss rate: 20.59%
-- Flow 1:
Average throughput: 74.16 Mbit/s
95th percentile per-packet one-way delay: 86.806 ms
Loss rate: 20.59%

Run 1: Report of TCP BBR — Data Link

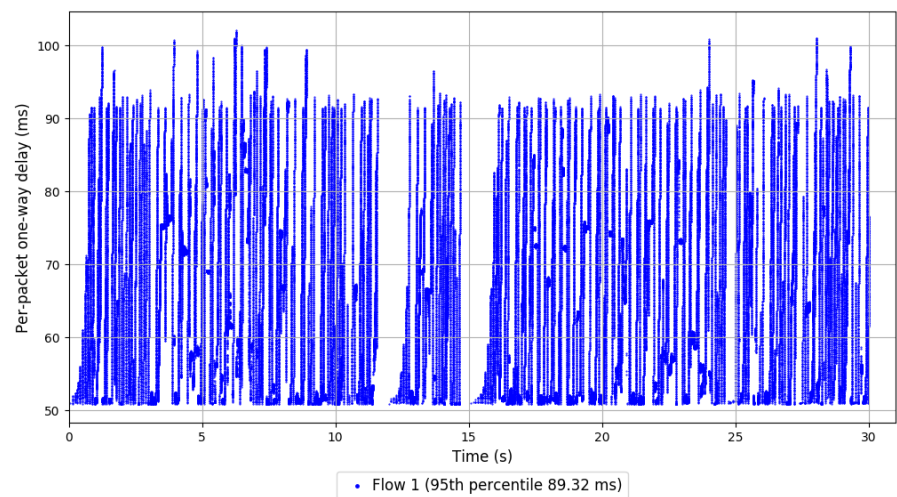
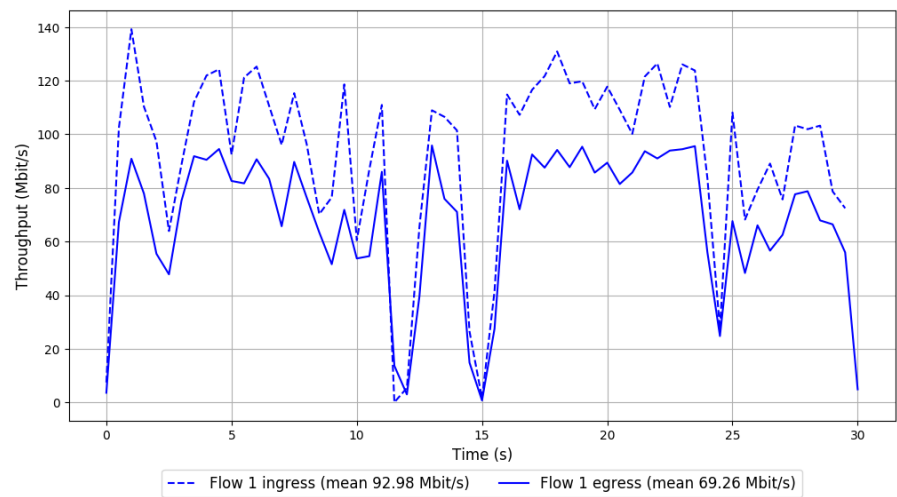


Run 2: Statistics of TCP BBR

Start at: 2017-08-16 22:19:36
End at: 2017-08-16 22:20:06
Local clock offset: -0.474 ms
Remote clock offset: -0.876 ms

Below is generated by plot.py at 2017-08-17 01:54:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 69.26 Mbit/s
95th percentile per-packet one-way delay: 89.317 ms
Loss rate: 25.48%
-- Flow 1:
Average throughput: 69.26 Mbit/s
95th percentile per-packet one-way delay: 89.317 ms
Loss rate: 25.48%

Run 2: Report of TCP BBR — Data Link

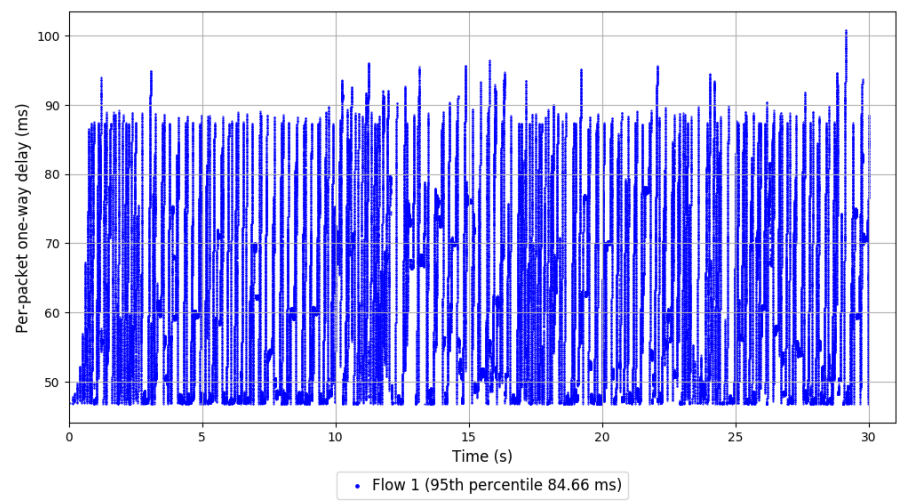
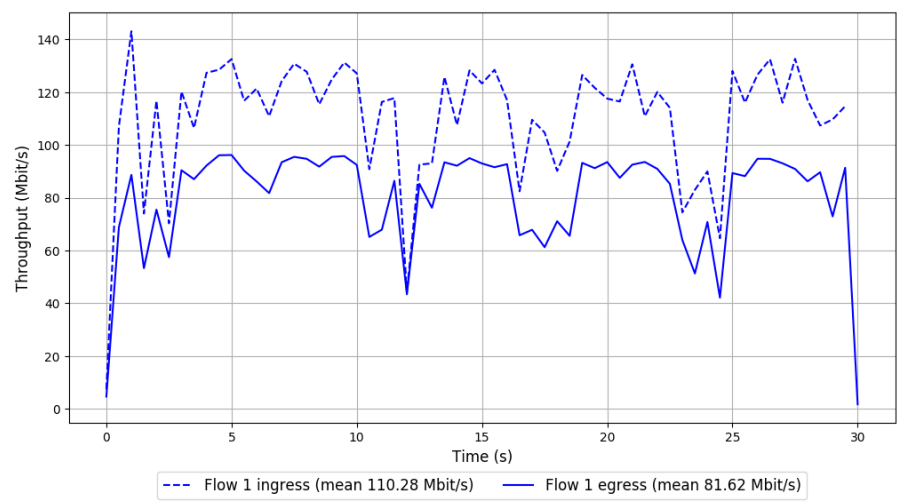


Run 3: Statistics of TCP BBR

Start at: 2017-08-16 22:40:21
End at: 2017-08-16 22:40:51
Local clock offset: -0.386 ms
Remote clock offset: -3.715 ms

Below is generated by plot.py at 2017-08-17 01:54:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 81.62 Mbit/s
95th percentile per-packet one-way delay: 84.658 ms
Loss rate: 25.99%
-- Flow 1:
Average throughput: 81.62 Mbit/s
95th percentile per-packet one-way delay: 84.658 ms
Loss rate: 25.99%

Run 3: Report of TCP BBR — Data Link

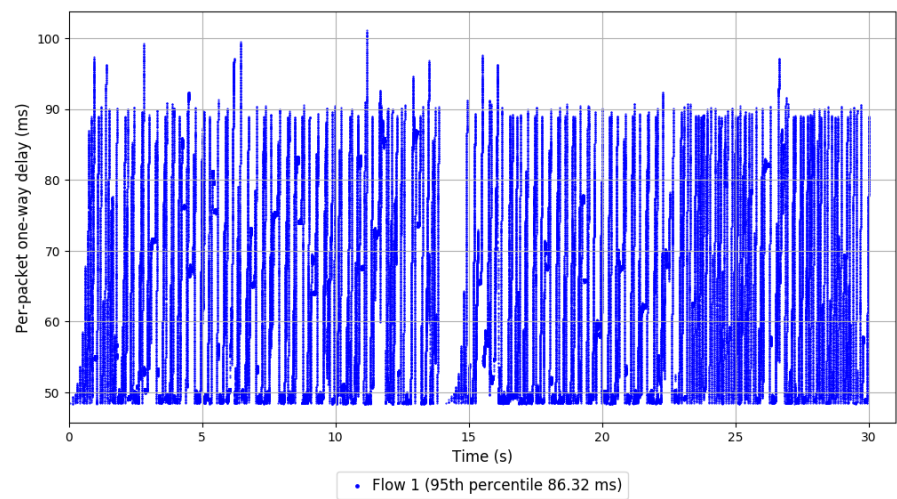
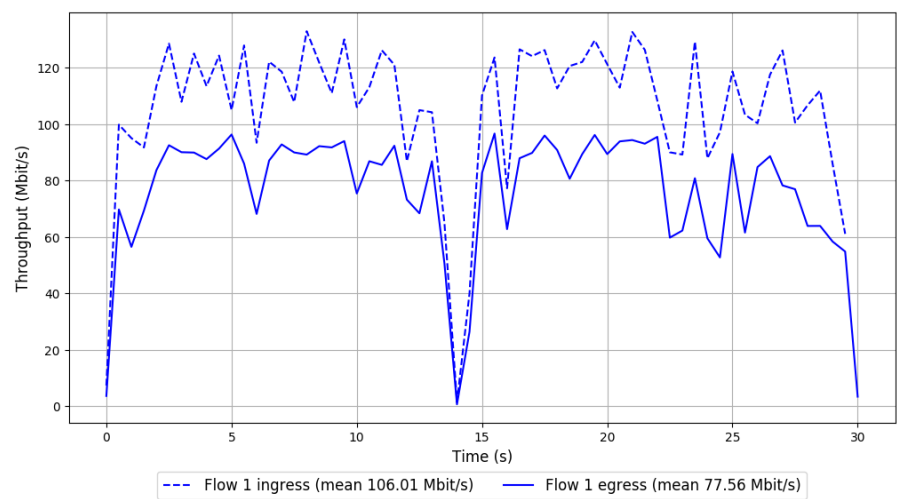


Run 4: Statistics of TCP BBR

Start at: 2017-08-16 23:01:23
End at: 2017-08-16 23:01:53
Local clock offset: -0.176 ms
Remote clock offset: -3.666 ms

Below is generated by plot.py at 2017-08-17 01:54:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.56 Mbit/s
95th percentile per-packet one-way delay: 86.322 ms
Loss rate: 26.78%
-- Flow 1:
Average throughput: 77.56 Mbit/s
95th percentile per-packet one-way delay: 86.322 ms
Loss rate: 26.78%

Run 4: Report of TCP BBR — Data Link

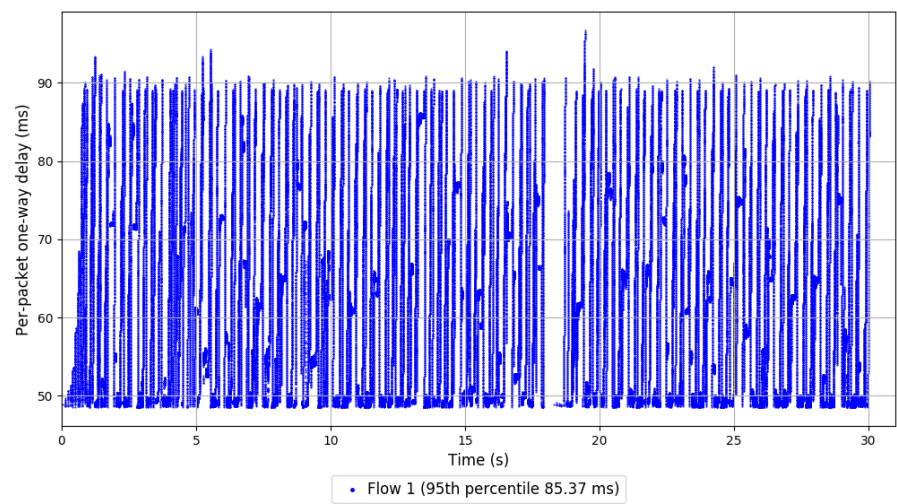
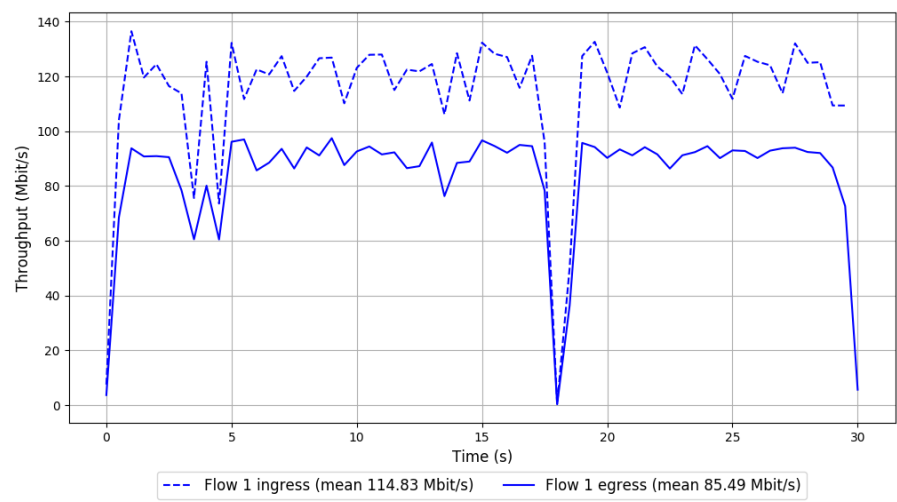


Run 5: Statistics of TCP BBR

Start at: 2017-08-16 23:21:41
End at: 2017-08-16 23:22:11
Local clock offset: 0.07 ms
Remote clock offset: -3.741 ms

Below is generated by plot.py at 2017-08-17 01:54:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 85.49 Mbit/s
95th percentile per-packet one-way delay: 85.373 ms
Loss rate: 25.52%
-- Flow 1:
Average throughput: 85.49 Mbit/s
95th percentile per-packet one-way delay: 85.373 ms
Loss rate: 25.52%

Run 5: Report of TCP BBR — Data Link

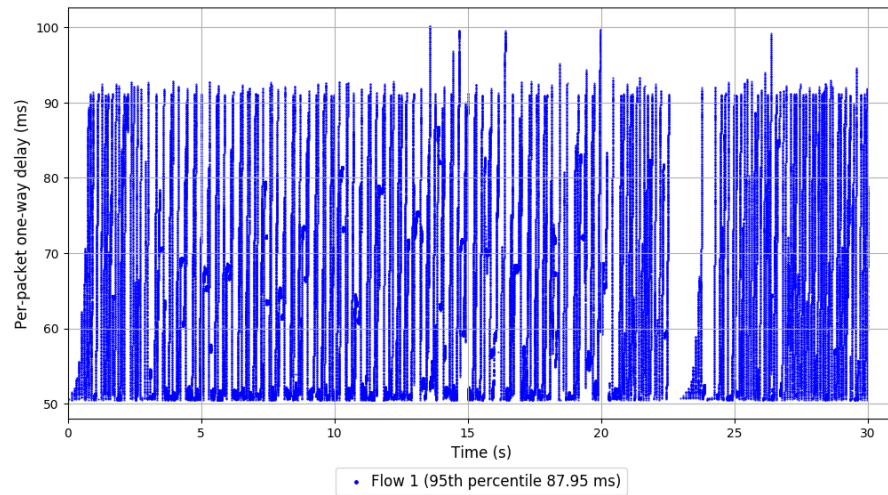
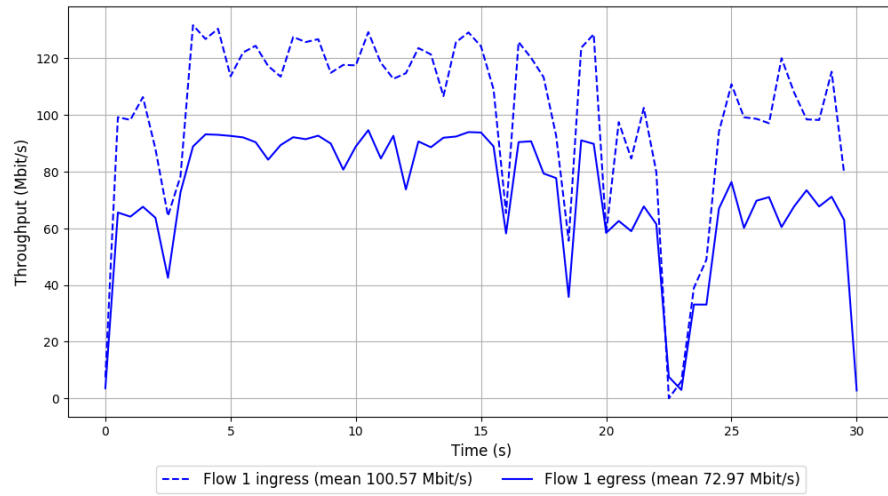


Run 6: Statistics of TCP BBR

Start at: 2017-08-16 23:42:18
End at: 2017-08-16 23:42:48
Local clock offset: 0.372 ms
Remote clock offset: -1.843 ms

Below is generated by plot.py at 2017-08-17 01:54:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 72.97 Mbit/s
95th percentile per-packet one-way delay: 87.949 ms
Loss rate: 27.42%
-- Flow 1:
Average throughput: 72.97 Mbit/s
95th percentile per-packet one-way delay: 87.949 ms
Loss rate: 27.42%

Run 6: Report of TCP BBR — Data Link

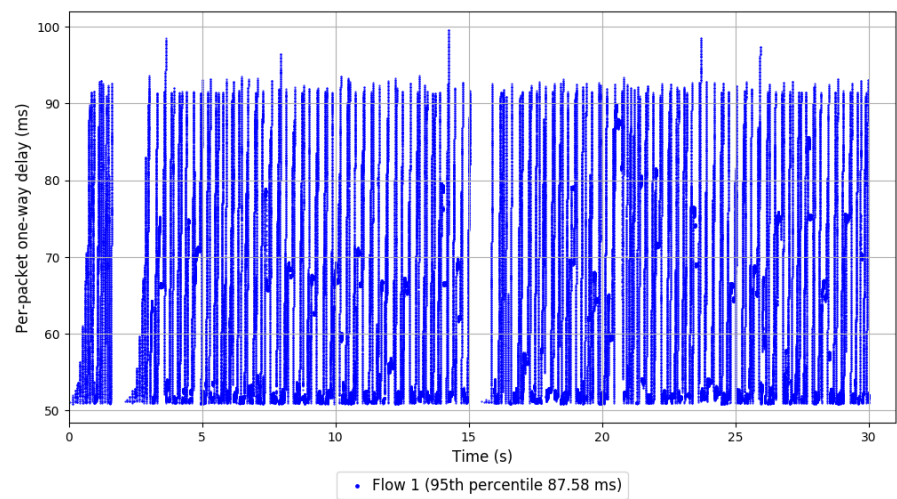
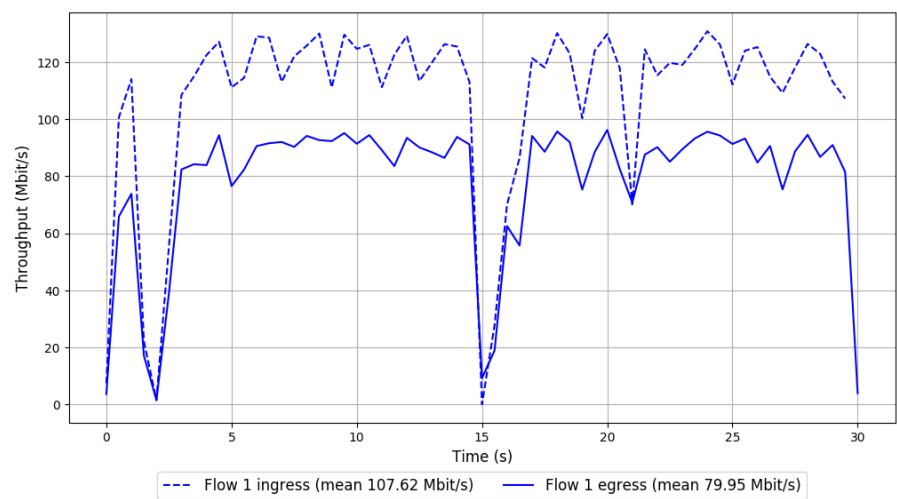


Run 7: Statistics of TCP BBR

Start at: 2017-08-17 00:03:01
End at: 2017-08-17 00:03:31
Local clock offset: 0.386 ms
Remote clock offset: -1.552 ms

Below is generated by plot.py at 2017-08-17 01:54:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 79.95 Mbit/s
95th percentile per-packet one-way delay: 87.575 ms
Loss rate: 25.75%
-- Flow 1:
Average throughput: 79.95 Mbit/s
95th percentile per-packet one-way delay: 87.575 ms
Loss rate: 25.75%

Run 7: Report of TCP BBR — Data Link

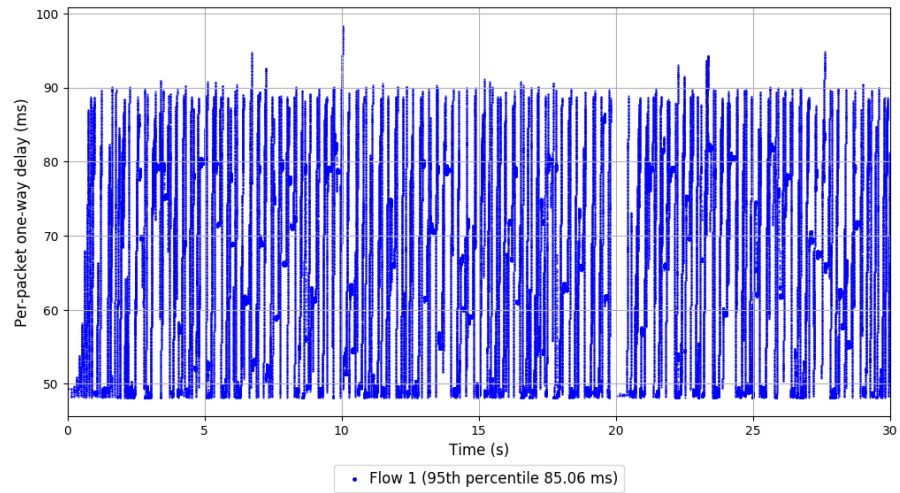
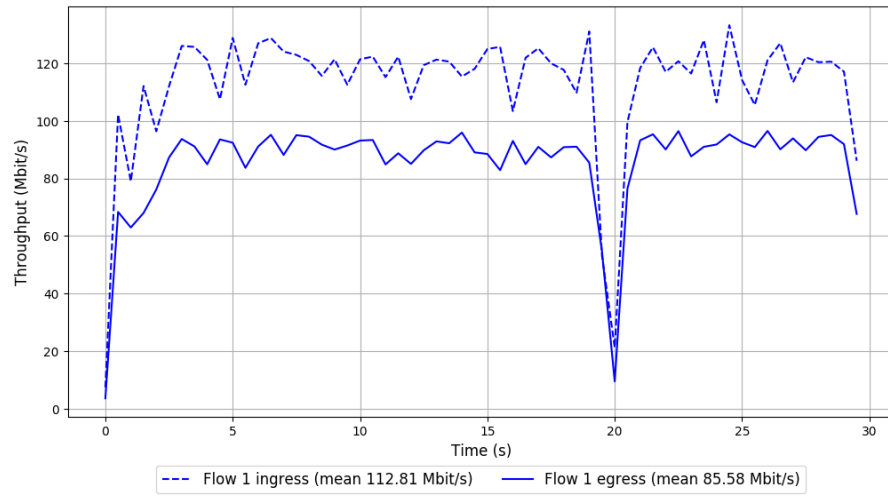


Run 8: Statistics of TCP BBR

Start at: 2017-08-17 00:23:14
End at: 2017-08-17 00:23:44
Local clock offset: 0.261 ms
Remote clock offset: -4.243 ms

Below is generated by plot.py at 2017-08-17 01:54:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 85.58 Mbit/s
95th percentile per-packet one-way delay: 85.062 ms
Loss rate: 24.10%
-- Flow 1:
Average throughput: 85.58 Mbit/s
95th percentile per-packet one-way delay: 85.062 ms
Loss rate: 24.10%

Run 8: Report of TCP BBR — Data Link

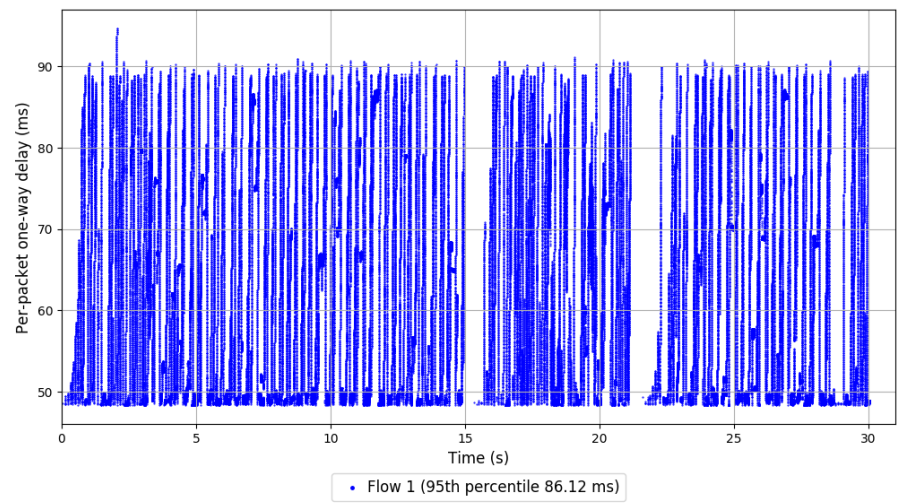
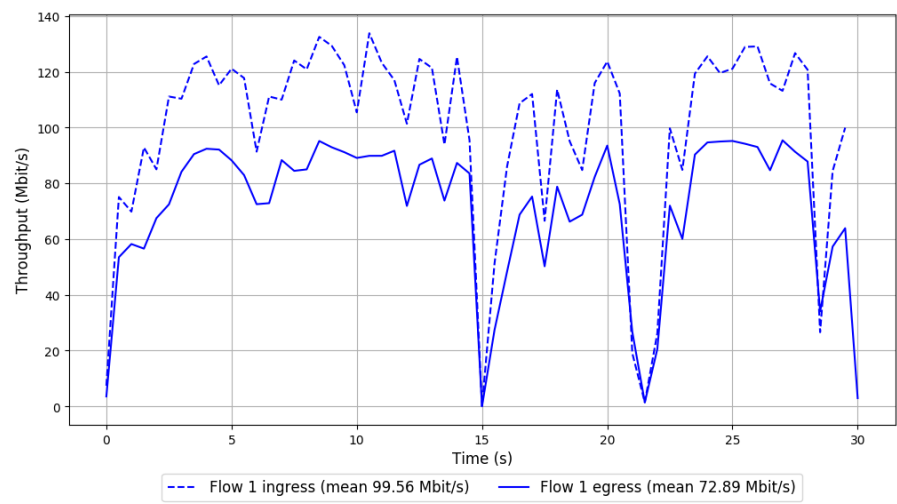


Run 9: Statistics of TCP BBR

Start at: 2017-08-17 00:43:51
End at: 2017-08-17 00:44:21
Local clock offset: 0.261 ms
Remote clock offset: -3.908 ms

Below is generated by plot.py at 2017-08-17 01:54:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 72.89 Mbit/s
95th percentile per-packet one-way delay: 86.121 ms
Loss rate: 26.79%
-- Flow 1:
Average throughput: 72.89 Mbit/s
95th percentile per-packet one-way delay: 86.121 ms
Loss rate: 26.79%

Run 9: Report of TCP BBR — Data Link

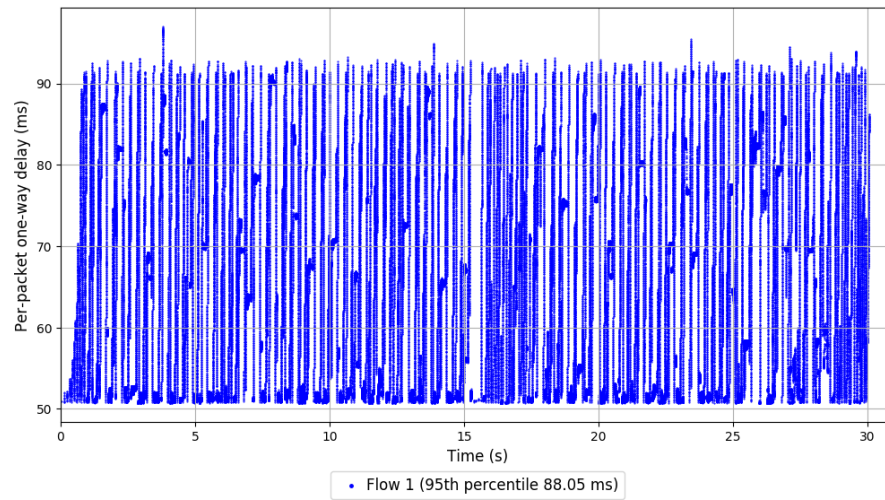
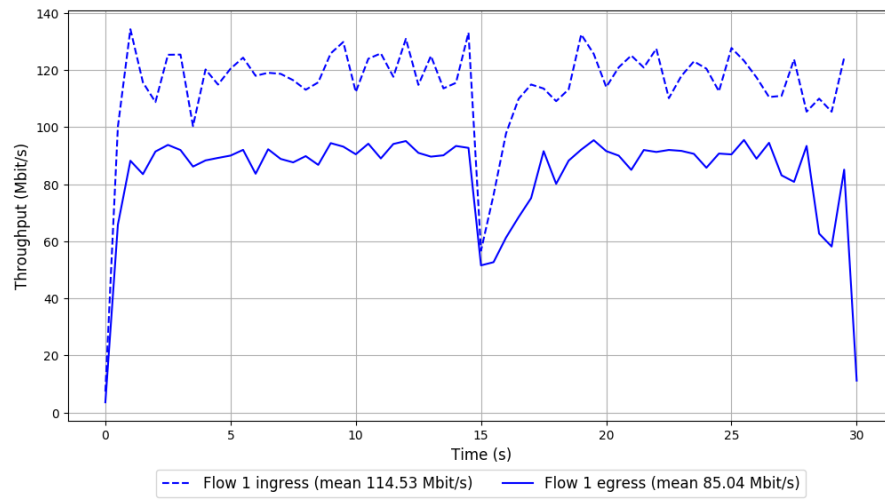


Run 10: Statistics of TCP BBR

Start at: 2017-08-17 01:04:20
End at: 2017-08-17 01:04:50
Local clock offset: 0.355 ms
Remote clock offset: -0.775 ms

Below is generated by plot.py at 2017-08-17 01:54:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 85.04 Mbit/s
95th percentile per-packet one-way delay: 88.045 ms
Loss rate: 25.71%
-- Flow 1:
Average throughput: 85.04 Mbit/s
95th percentile per-packet one-way delay: 88.045 ms
Loss rate: 25.71%

Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of CalibratedKoho

Start at: 2017-08-16 22:12:44

End at: 2017-08-16 22:13:14

Local clock offset: -0.58 ms

Remote clock offset: -3.093 ms

Below is generated by plot.py at 2017-08-17 01:55:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.79 Mbit/s

95th percentile per-packet one-way delay: 64.510 ms

Loss rate: 0.21%

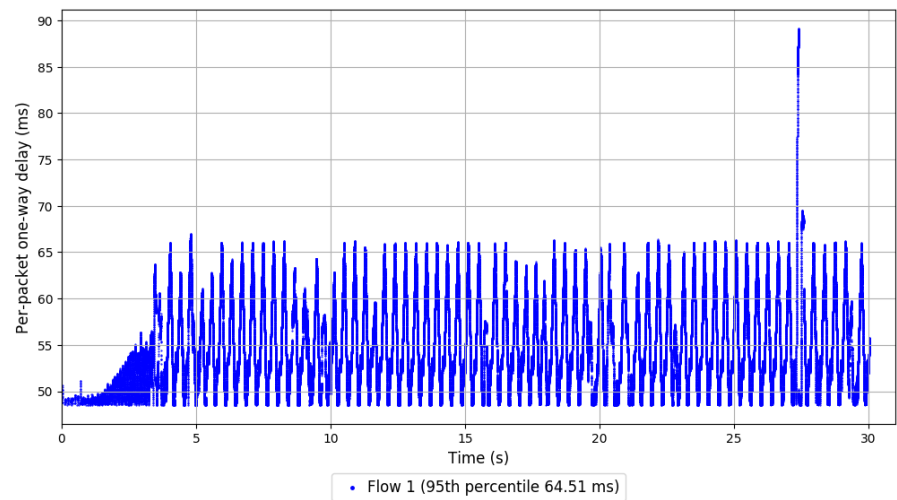
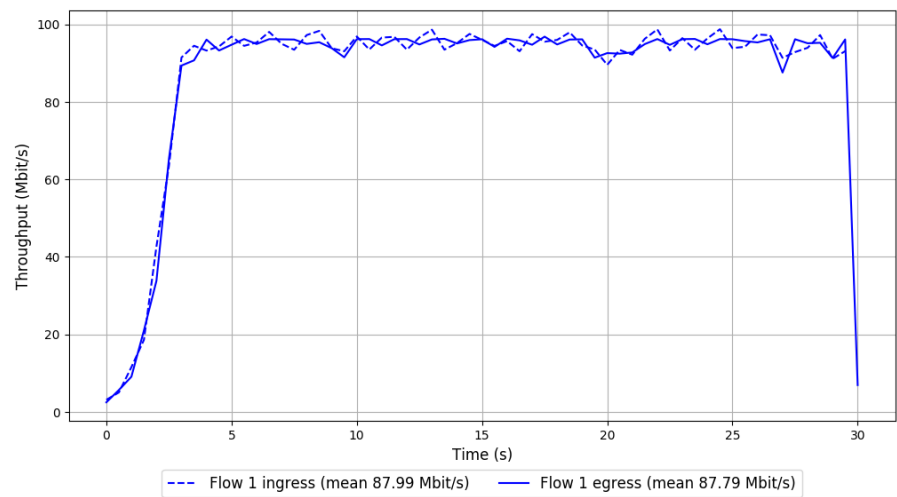
-- Flow 1:

Average throughput: 87.79 Mbit/s

95th percentile per-packet one-way delay: 64.510 ms

Loss rate: 0.21%

Run 1: Report of CalibratedKoho — Data Link

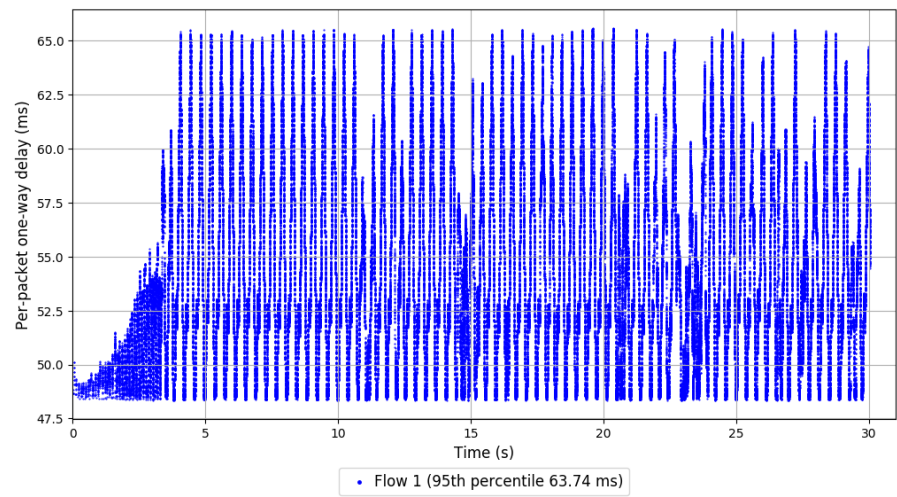
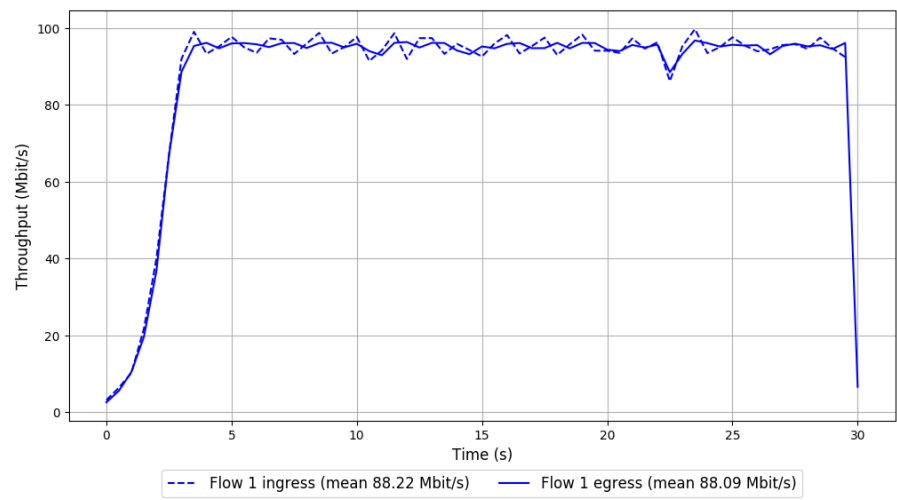


Run 2: Statistics of CalibratedKoho

Start at: 2017-08-16 22:33:17
End at: 2017-08-16 22:33:47
Local clock offset: -0.511 ms
Remote clock offset: -3.536 ms

Below is generated by plot.py at 2017-08-17 01:55:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.09 Mbit/s
95th percentile per-packet one-way delay: 63.745 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 88.09 Mbit/s
95th percentile per-packet one-way delay: 63.745 ms
Loss rate: 0.13%

Run 2: Report of CalibratedKoho — Data Link

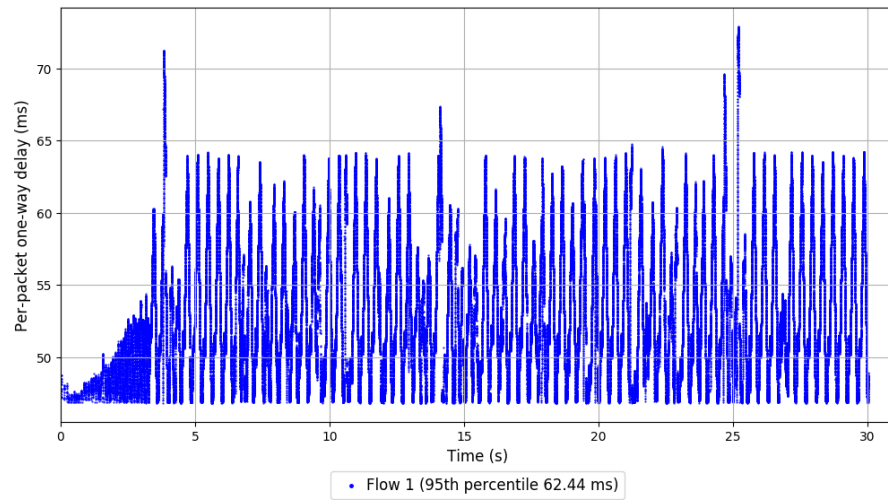
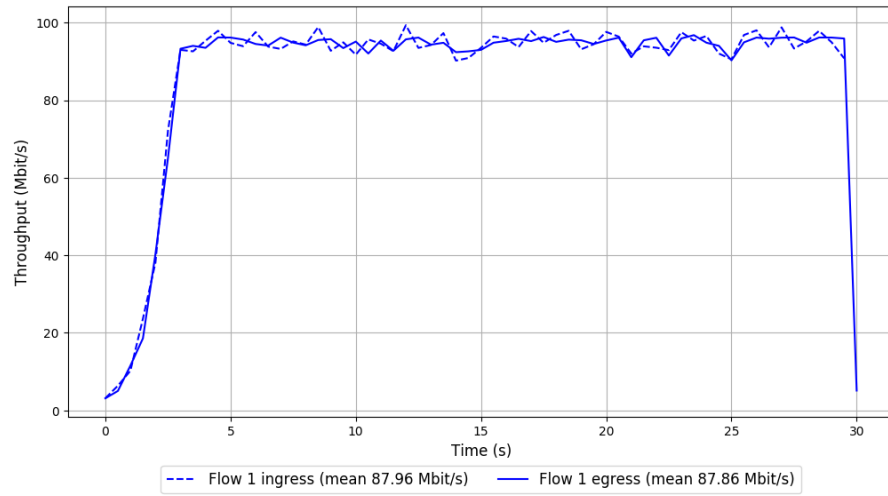


Run 3: Statistics of CalibratedKoho

Start at: 2017-08-16 22:54:25
End at: 2017-08-16 22:54:55
Local clock offset: -0.257 ms
Remote clock offset: -3.606 ms

Below is generated by plot.py at 2017-08-17 01:55:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.86 Mbit/s
95th percentile per-packet one-way delay: 62.440 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 87.86 Mbit/s
95th percentile per-packet one-way delay: 62.440 ms
Loss rate: 0.11%

Run 3: Report of CalibratedKoho — Data Link

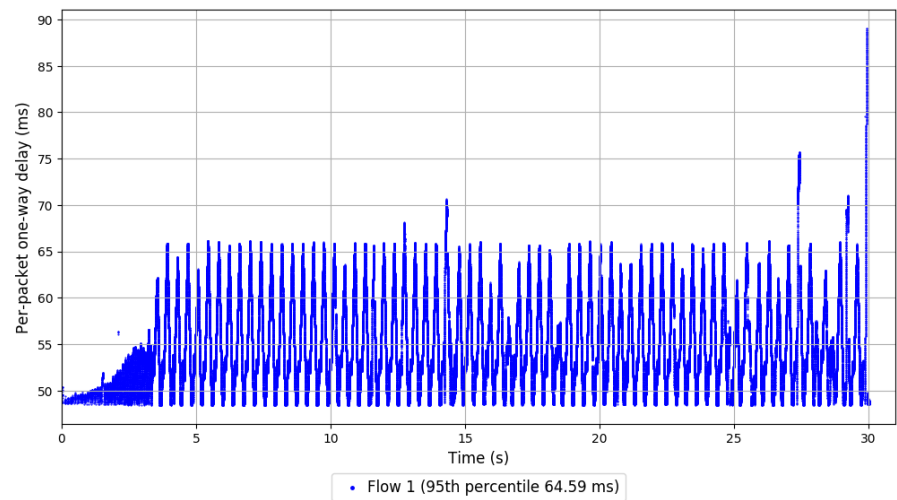
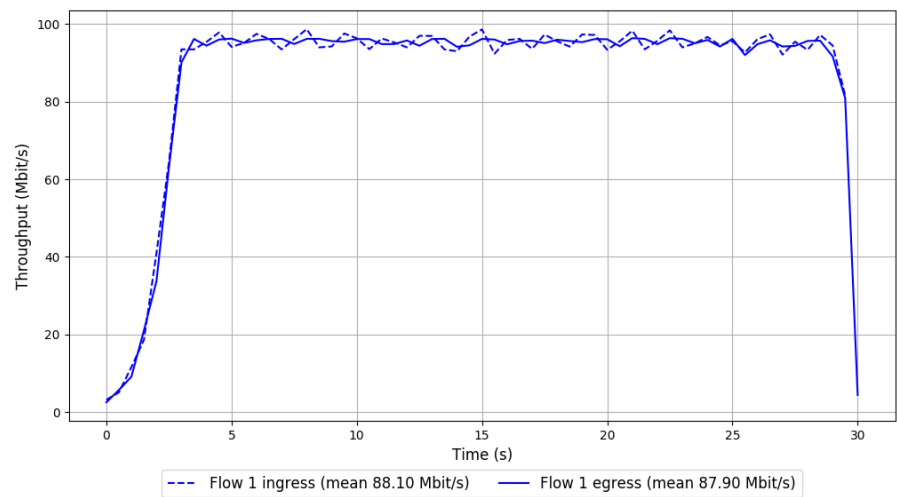


Run 4: Statistics of CalibratedKoho

Start at: 2017-08-16 23:14:45
End at: 2017-08-16 23:15:15
Local clock offset: -0.106 ms
Remote clock offset: -3.762 ms

Below is generated by plot.py at 2017-08-17 01:55:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.90 Mbit/s
95th percentile per-packet one-way delay: 64.591 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 87.90 Mbit/s
95th percentile per-packet one-way delay: 64.591 ms
Loss rate: 0.23%

Run 4: Report of CalibratedKoho — Data Link

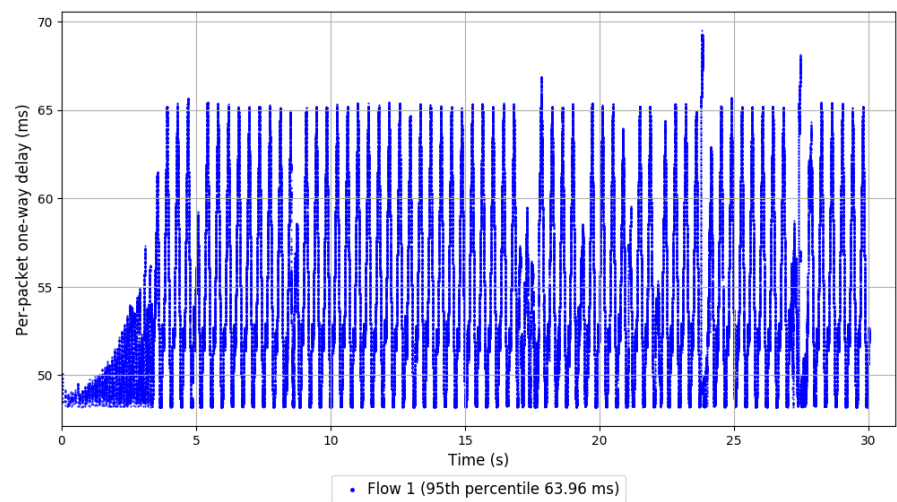
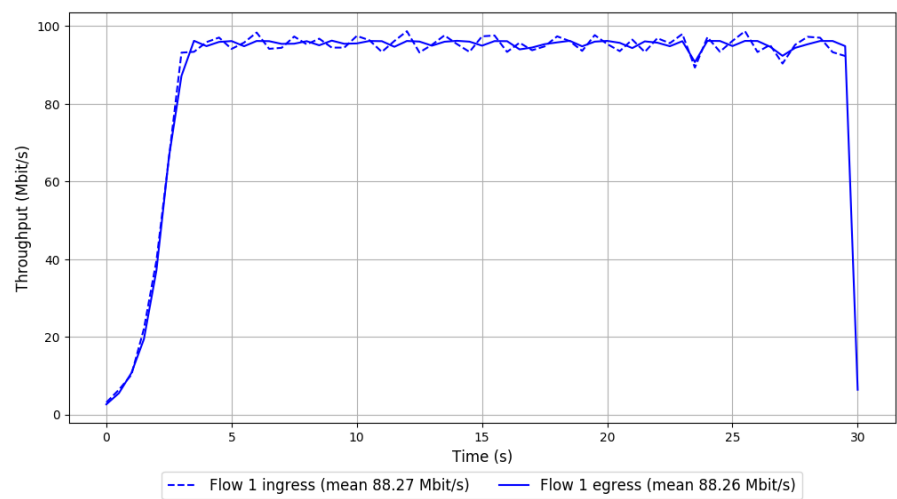


Run 5: Statistics of CalibratedKoho

Start at: 2017-08-16 23:35:21
End at: 2017-08-16 23:35:51
Local clock offset: 0.164 ms
Remote clock offset: -4.004 ms

Below is generated by plot.py at 2017-08-17 01:55:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.26 Mbit/s
95th percentile per-packet one-way delay: 63.962 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 88.26 Mbit/s
95th percentile per-packet one-way delay: 63.962 ms
Loss rate: 0.00%

Run 5: Report of CalibratedKoho — Data Link

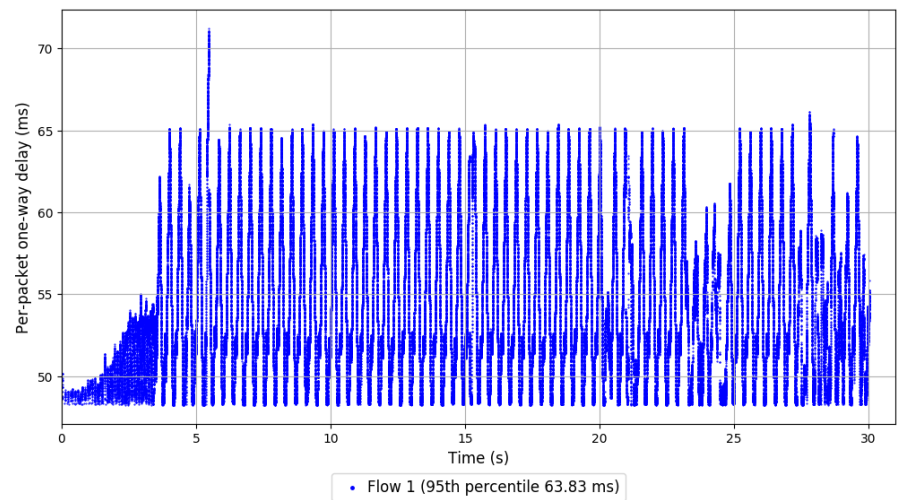
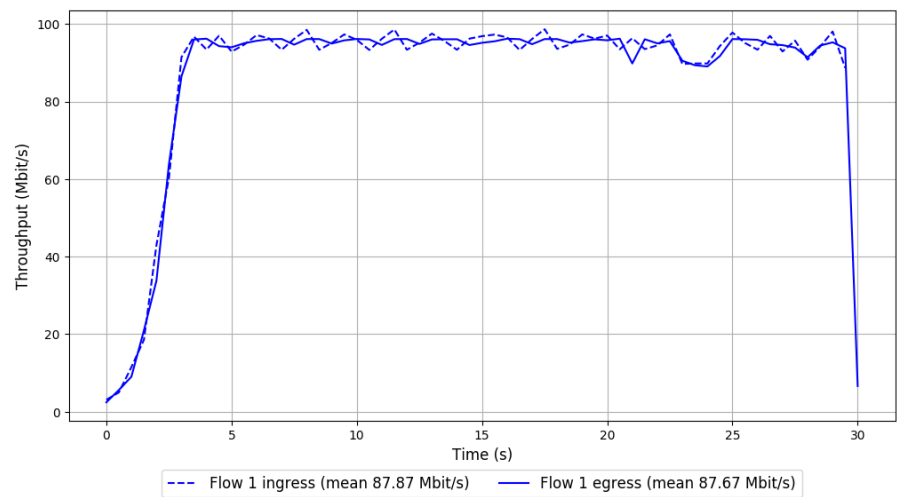


Run 6: Statistics of CalibratedKoho

Start at: 2017-08-16 23:56:05
End at: 2017-08-16 23:56:35
Local clock offset: 0.4 ms
Remote clock offset: -3.942 ms

Below is generated by plot.py at 2017-08-17 01:55:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.67 Mbit/s
95th percentile per-packet one-way delay: 63.833 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 87.67 Mbit/s
95th percentile per-packet one-way delay: 63.833 ms
Loss rate: 0.21%

Run 6: Report of CalibratedKoho — Data Link

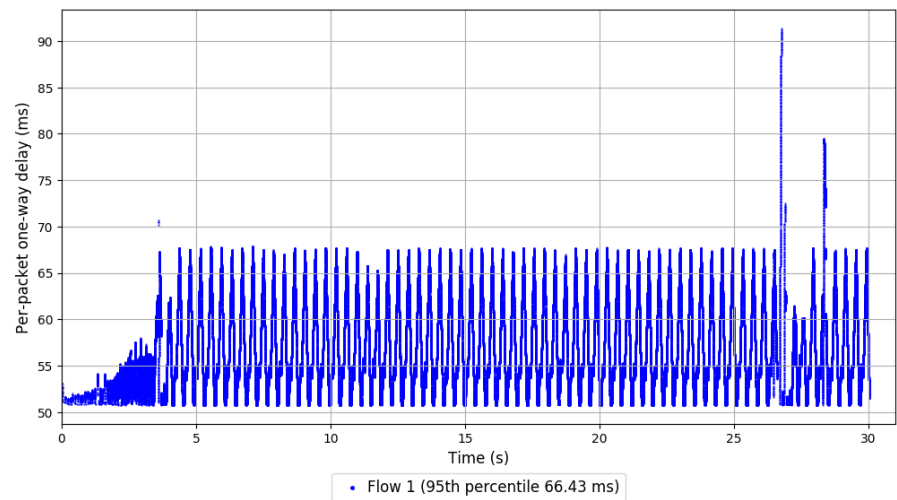
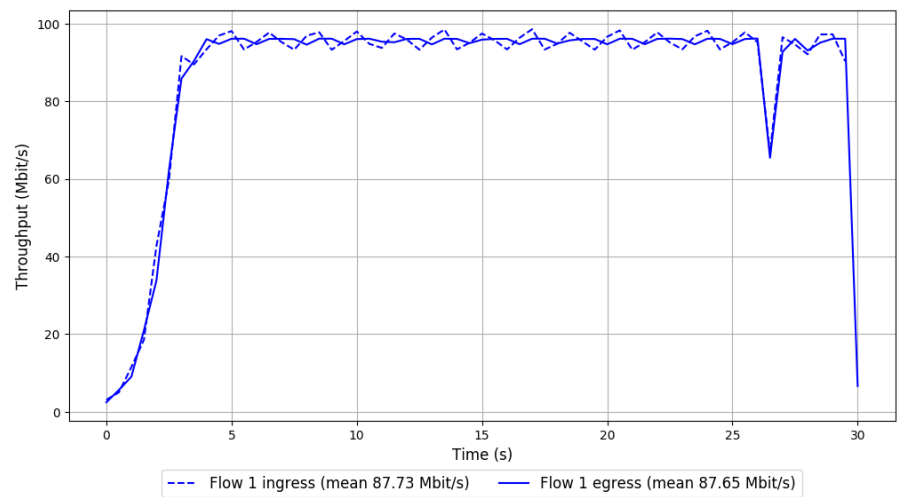


Run 7: Statistics of CalibratedKoho

Start at: 2017-08-17 00:16:26
End at: 2017-08-17 00:16:56
Local clock offset: 0.262 ms
Remote clock offset: -1.618 ms

Below is generated by plot.py at 2017-08-17 01:55:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.65 Mbit/s
95th percentile per-packet one-way delay: 66.433 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 87.65 Mbit/s
95th percentile per-packet one-way delay: 66.433 ms
Loss rate: 0.09%

Run 7: Report of CalibratedKoho — Data Link

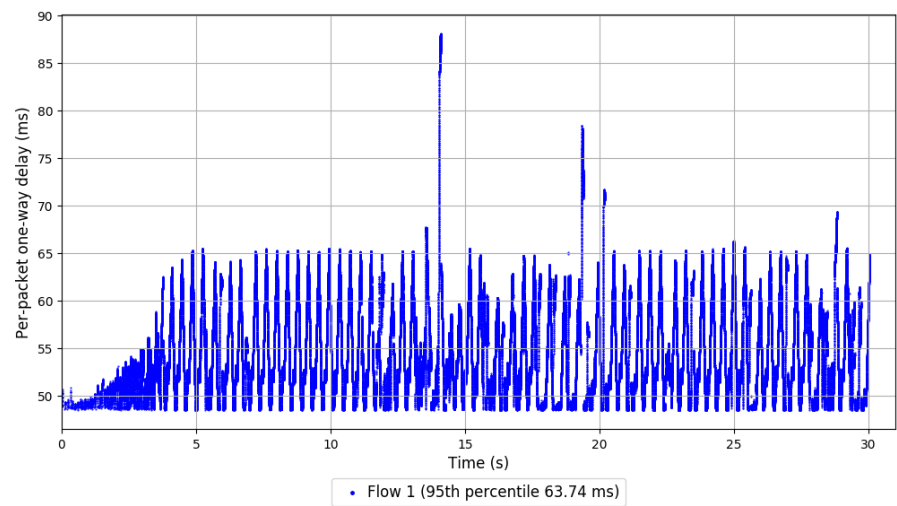
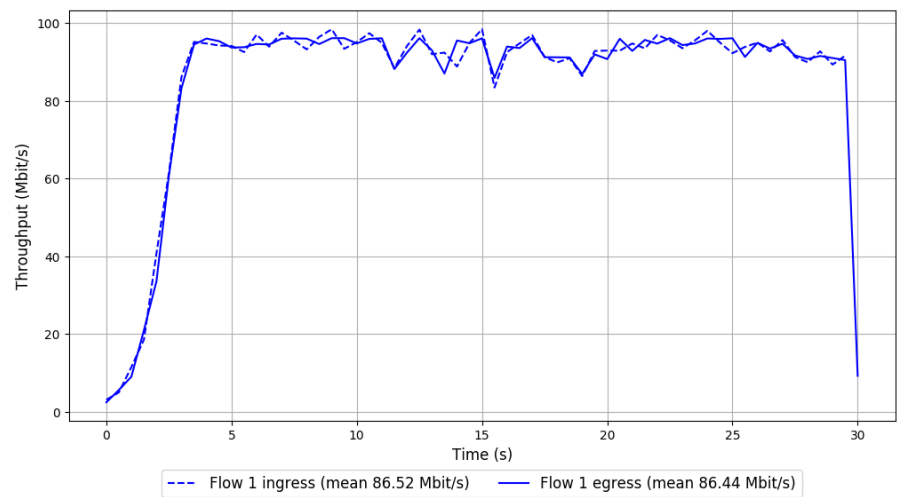


Run 8: Statistics of CalibratedKoho

Start at: 2017-08-17 00:36:59
End at: 2017-08-17 00:37:29
Local clock offset: 0.233 ms
Remote clock offset: -3.983 ms

Below is generated by plot.py at 2017-08-17 01:55:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.44 Mbit/s
95th percentile per-packet one-way delay: 63.740 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 86.44 Mbit/s
95th percentile per-packet one-way delay: 63.740 ms
Loss rate: 0.04%

Run 8: Report of CalibratedKoho — Data Link

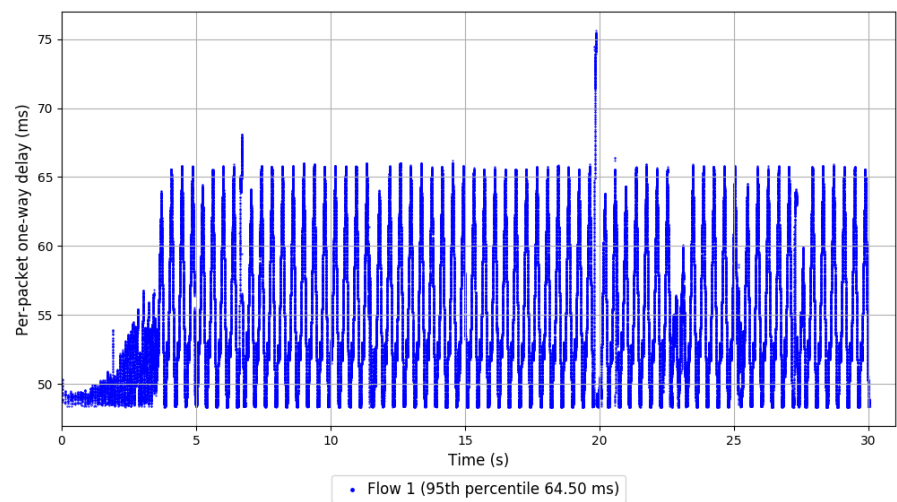
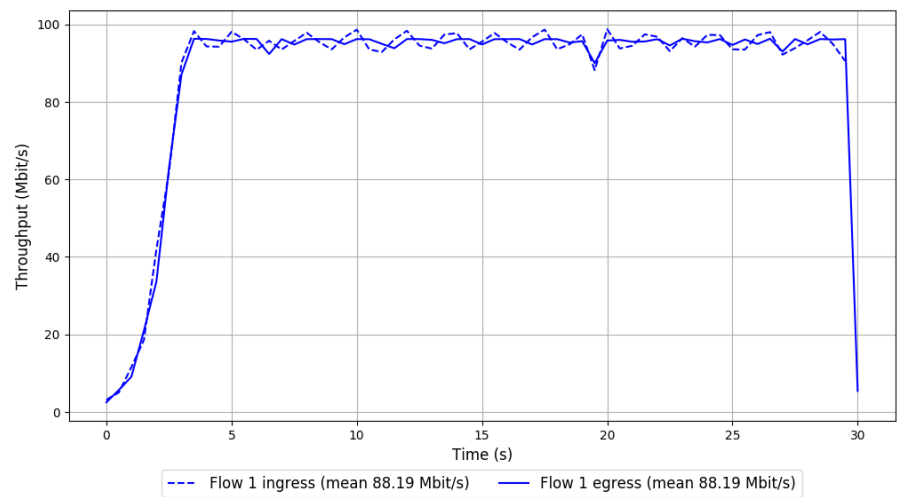


Run 9: Statistics of CalibratedKoho

Start at: 2017-08-17 00:57:23
End at: 2017-08-17 00:57:53
Local clock offset: 0.355 ms
Remote clock offset: -3.458 ms

Below is generated by plot.py at 2017-08-17 01:55:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.19 Mbit/s
95th percentile per-packet one-way delay: 64.496 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 88.19 Mbit/s
95th percentile per-packet one-way delay: 64.496 ms
Loss rate: 0.00%

Run 9: Report of CalibratedKoho — Data Link



Run 10: Statistics of CalibratedKoho

Start at: 2017-08-17 01:18:01

End at: 2017-08-17 01:18:31

Local clock offset: 0.259 ms

Remote clock offset: -3.41 ms

Below is generated by plot.py at 2017-08-17 01:55:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.89 Mbit/s

95th percentile per-packet one-way delay: 64.434 ms

Loss rate: 0.01%

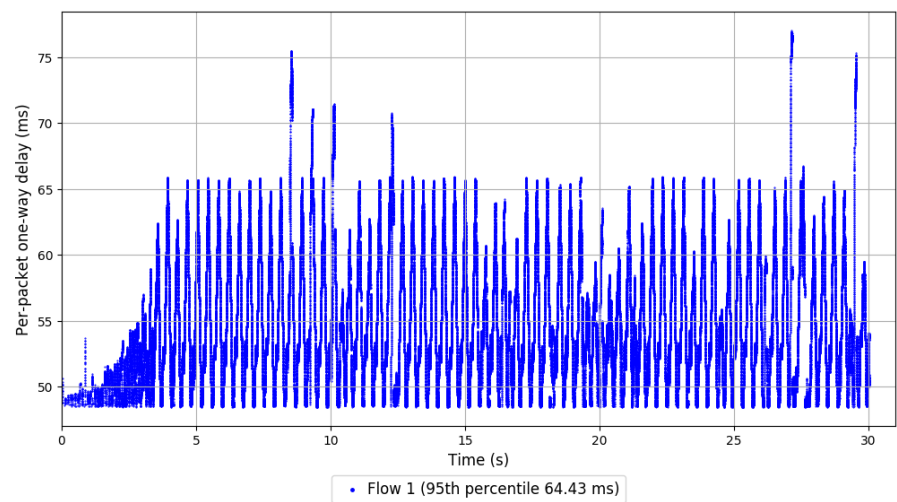
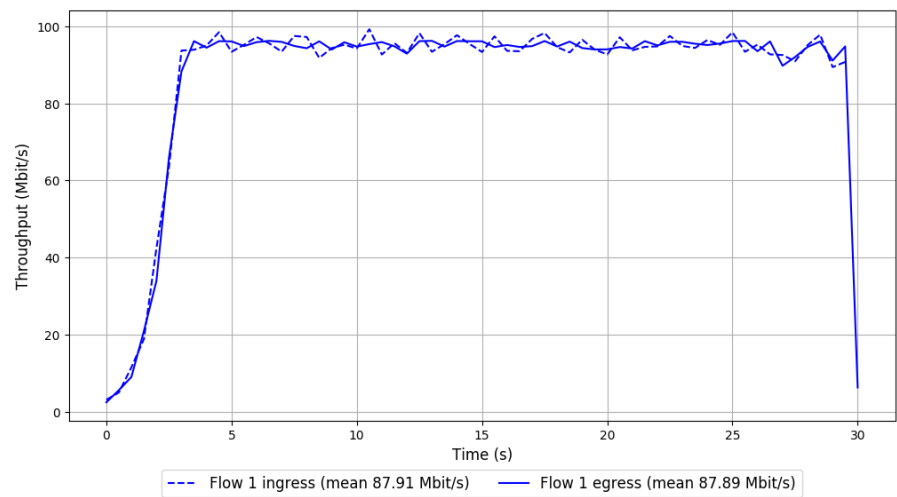
-- Flow 1:

Average throughput: 87.89 Mbit/s

95th percentile per-packet one-way delay: 64.434 ms

Loss rate: 0.01%

Run 10: Report of CalibratedKoho — Data Link

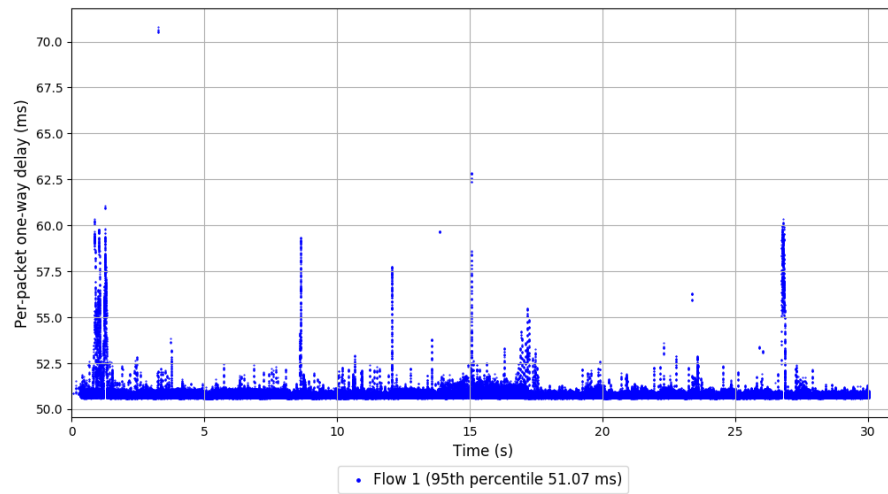
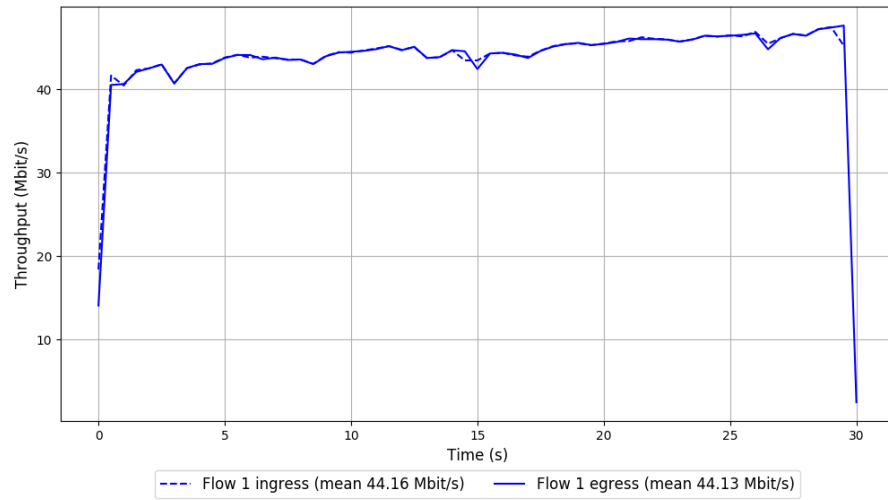


Run 1: Statistics of Copa

Start at: 2017-08-16 21:56:46
End at: 2017-08-16 21:57:16
Local clock offset: -0.446 ms
Remote clock offset: -0.444 ms

Below is generated by plot.py at 2017-08-17 01:56:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 44.13 Mbit/s
95th percentile per-packet one-way delay: 51.068 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 44.13 Mbit/s
95th percentile per-packet one-way delay: 51.068 ms
Loss rate: 0.07%

Run 1: Report of Copa — Data Link

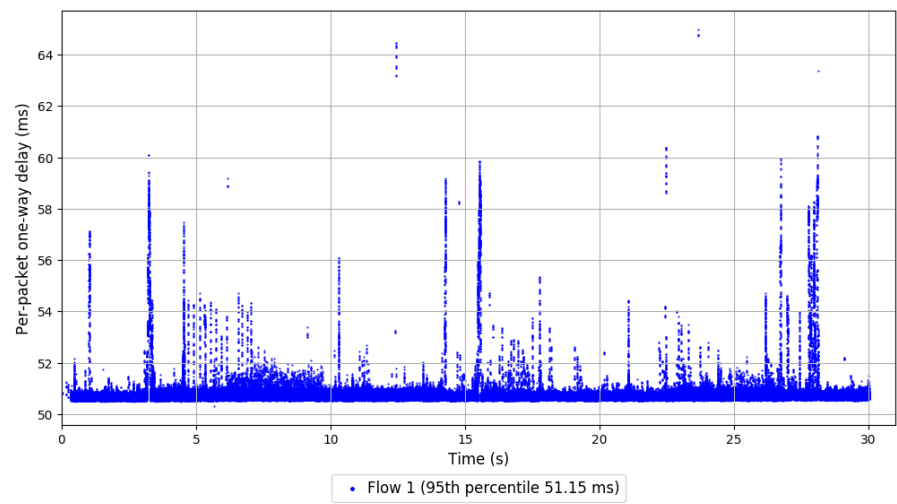
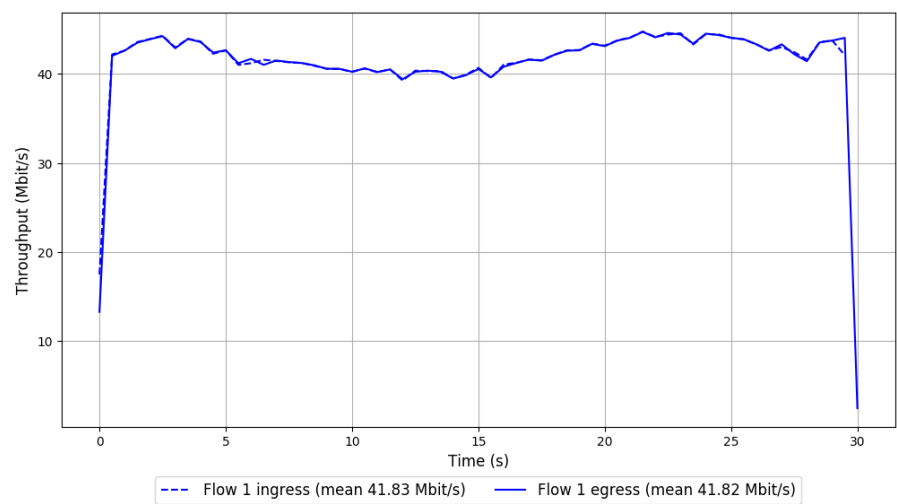


Run 2: Statistics of Copa

Start at: 2017-08-16 22:16:54
End at: 2017-08-16 22:17:24
Local clock offset: -0.571 ms
Remote clock offset: -1.215 ms

Below is generated by plot.py at 2017-08-17 01:56:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 41.82 Mbit/s
95th percentile per-packet one-way delay: 51.150 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 41.82 Mbit/s
95th percentile per-packet one-way delay: 51.150 ms
Loss rate: 0.03%

Run 2: Report of Copa — Data Link

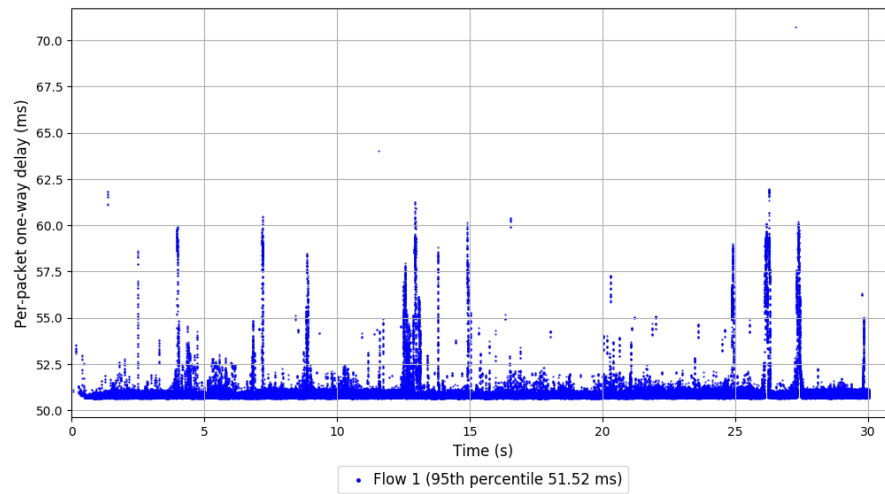
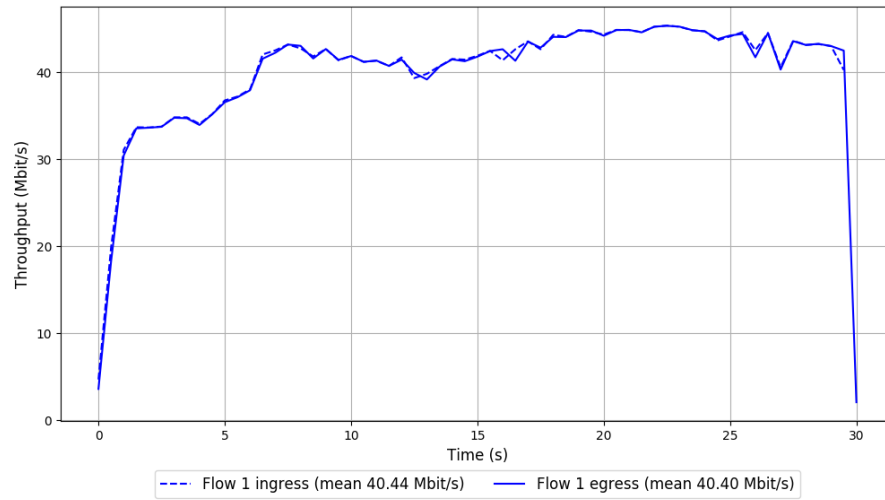


Run 3: Statistics of Copa

Start at: 2017-08-16 22:37:27
End at: 2017-08-16 22:37:57
Local clock offset: -0.403 ms
Remote clock offset: -1.233 ms

Below is generated by plot.py at 2017-08-17 01:56:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 40.40 Mbit/s
95th percentile per-packet one-way delay: 51.518 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 40.40 Mbit/s
95th percentile per-packet one-way delay: 51.518 ms
Loss rate: 0.11%

Run 3: Report of Copa — Data Link

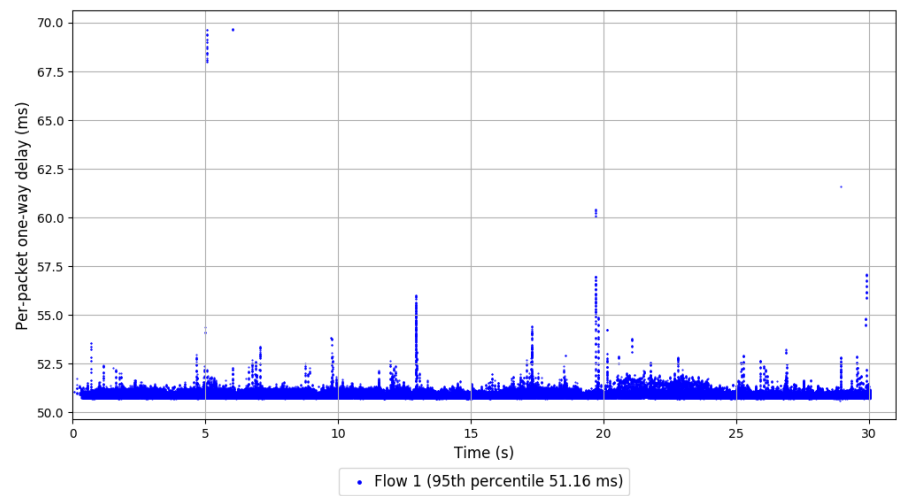
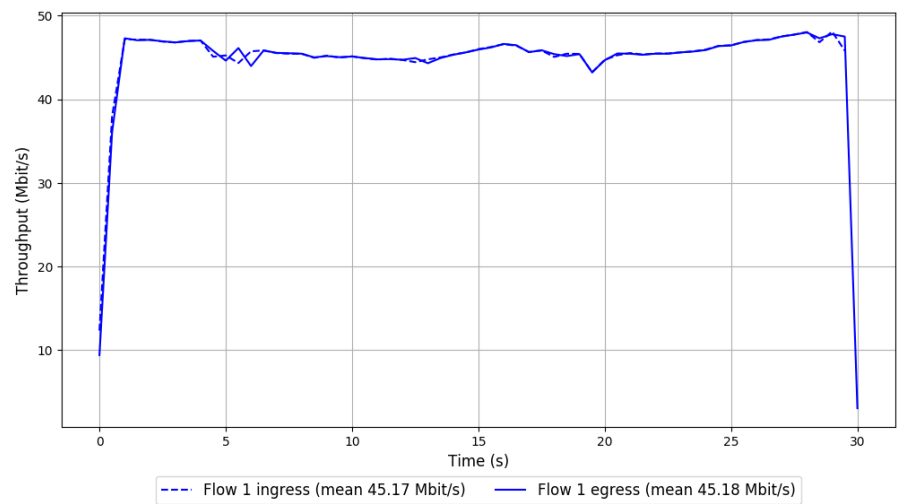


Run 4: Statistics of Copa

Start at: 2017-08-16 22:58:40
End at: 2017-08-16 22:59:10
Local clock offset: -0.203 ms
Remote clock offset: -1.085 ms

Below is generated by plot.py at 2017-08-17 01:56:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 45.18 Mbit/s
95th percentile per-packet one-way delay: 51.157 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 45.18 Mbit/s
95th percentile per-packet one-way delay: 51.157 ms
Loss rate: 0.00%

Run 4: Report of Copa — Data Link

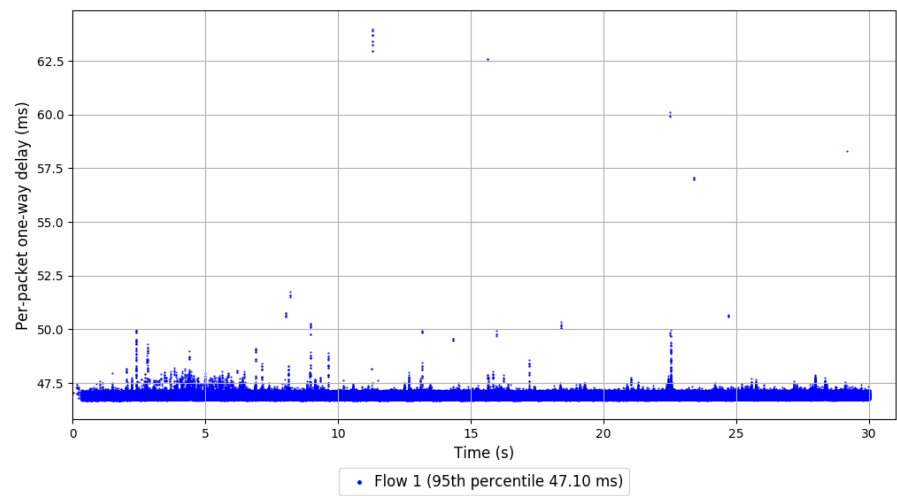
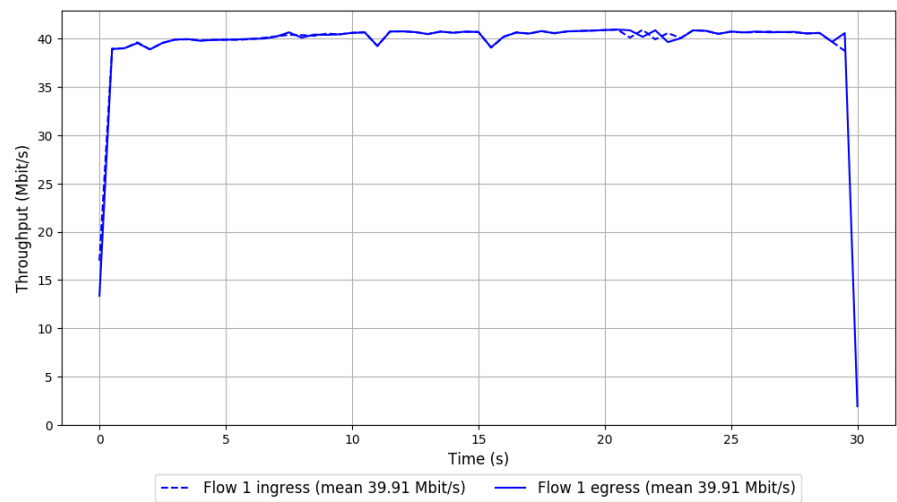


Run 5: Statistics of Copa

Start at: 2017-08-16 23:18:57
End at: 2017-08-16 23:19:27
Local clock offset: 0.053 ms
Remote clock offset: -3.789 ms

Below is generated by plot.py at 2017-08-17 01:56:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 39.91 Mbit/s
95th percentile per-packet one-way delay: 47.105 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 39.91 Mbit/s
95th percentile per-packet one-way delay: 47.105 ms
Loss rate: 0.00%

Run 5: Report of Copa — Data Link

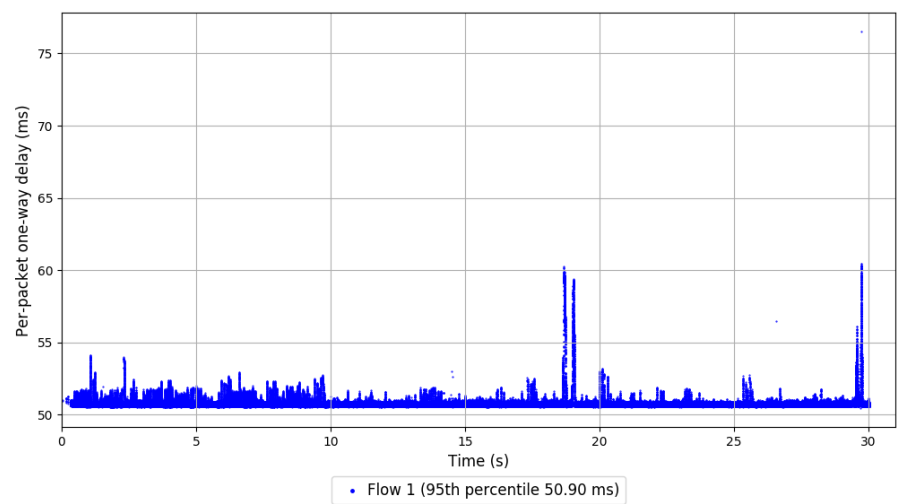
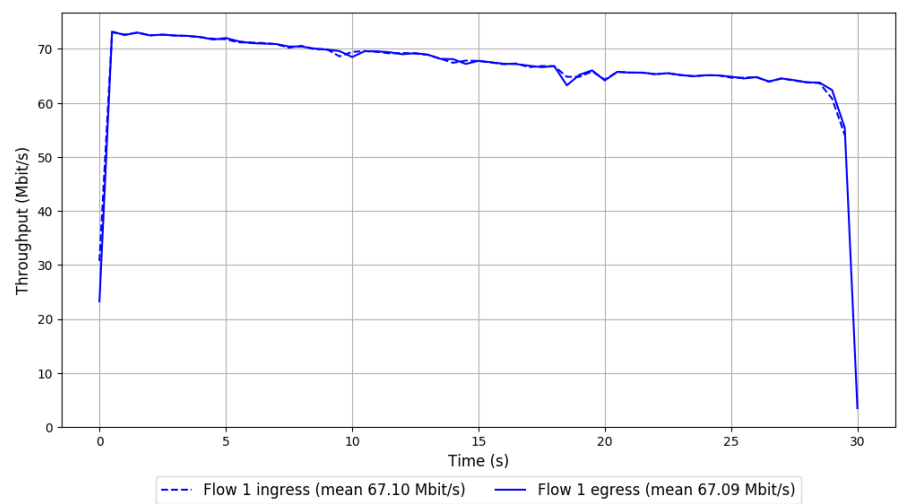


Run 6: Statistics of Copa

Start at: 2017-08-16 23:39:30
End at: 2017-08-16 23:40:00
Local clock offset: 0.314 ms
Remote clock offset: -1.838 ms

Below is generated by plot.py at 2017-08-17 01:56:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 67.09 Mbit/s
95th percentile per-packet one-way delay: 50.899 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 67.09 Mbit/s
95th percentile per-packet one-way delay: 50.899 ms
Loss rate: 0.03%

Run 6: Report of Copa — Data Link

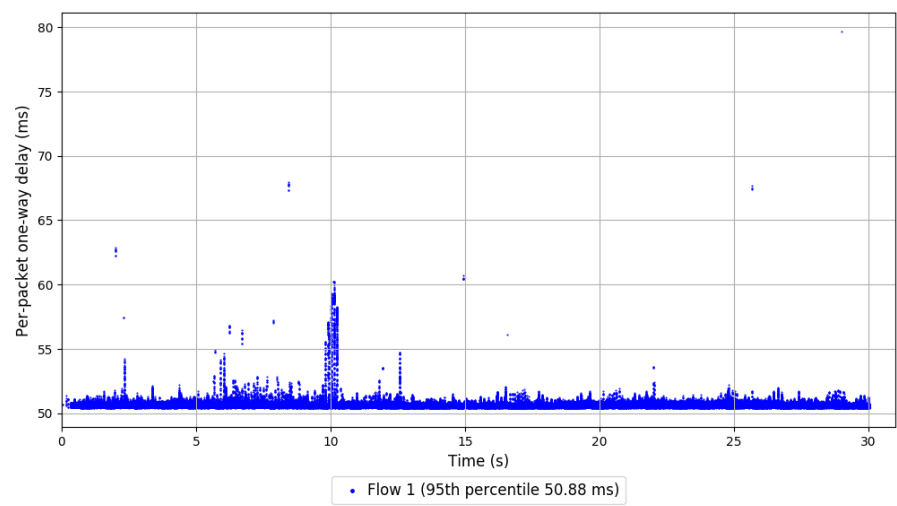
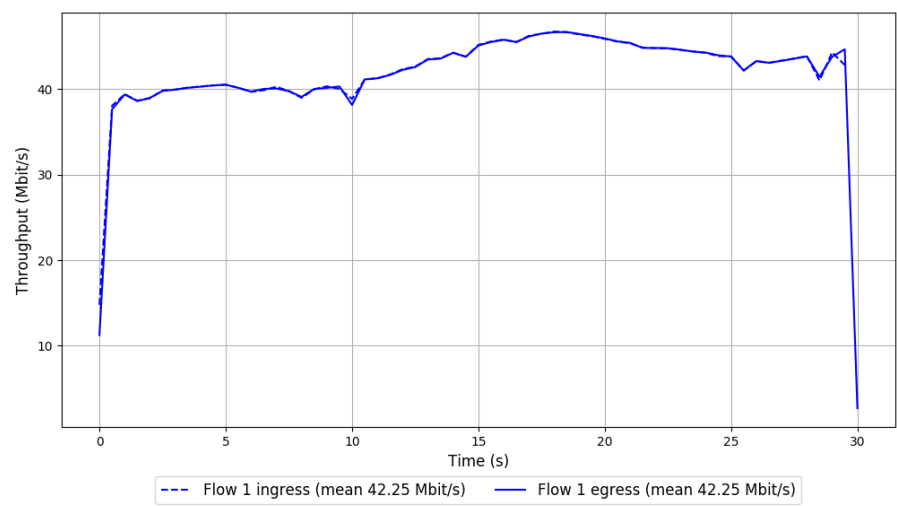


Run 7: Statistics of Copa

Start at: 2017-08-17 00:00:18
End at: 2017-08-17 00:00:48
Local clock offset: 0.385 ms
Remote clock offset: -2.025 ms

Below is generated by plot.py at 2017-08-17 01:56:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 42.25 Mbit/s
95th percentile per-packet one-way delay: 50.876 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 42.25 Mbit/s
95th percentile per-packet one-way delay: 50.876 ms
Loss rate: 0.02%

Run 7: Report of Copa — Data Link

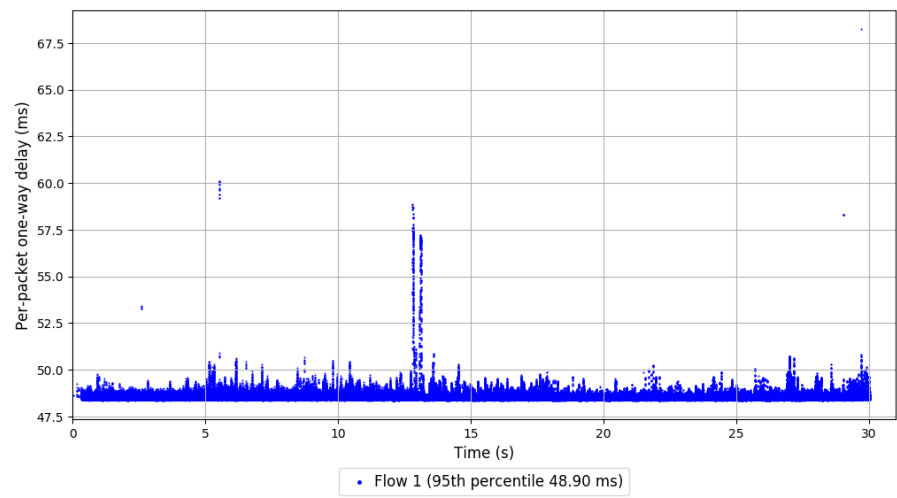
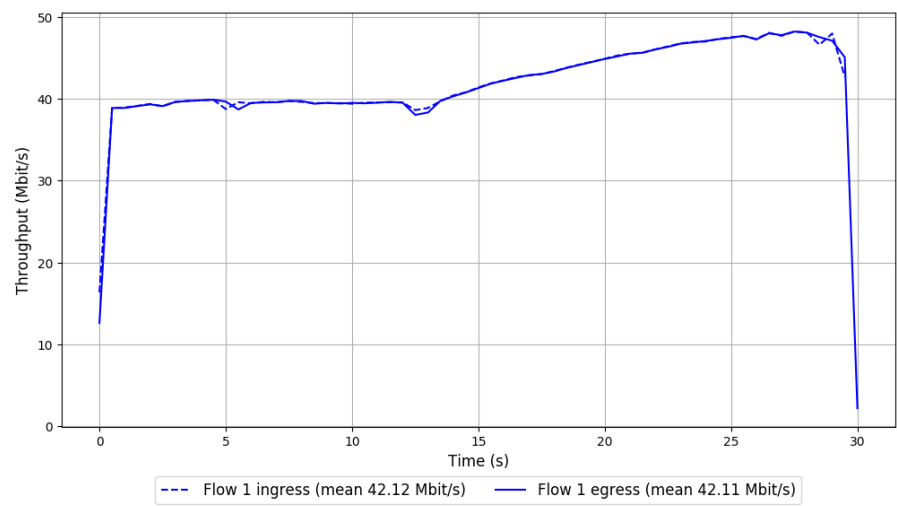


Run 8: Statistics of Copa

Start at: 2017-08-17 00:20:31
End at: 2017-08-17 00:21:01
Local clock offset: 0.359 ms
Remote clock offset: -4.107 ms

Below is generated by plot.py at 2017-08-17 01:56:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 42.11 Mbit/s
95th percentile per-packet one-way delay: 48.903 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 42.11 Mbit/s
95th percentile per-packet one-way delay: 48.903 ms
Loss rate: 0.04%

Run 8: Report of Copa — Data Link

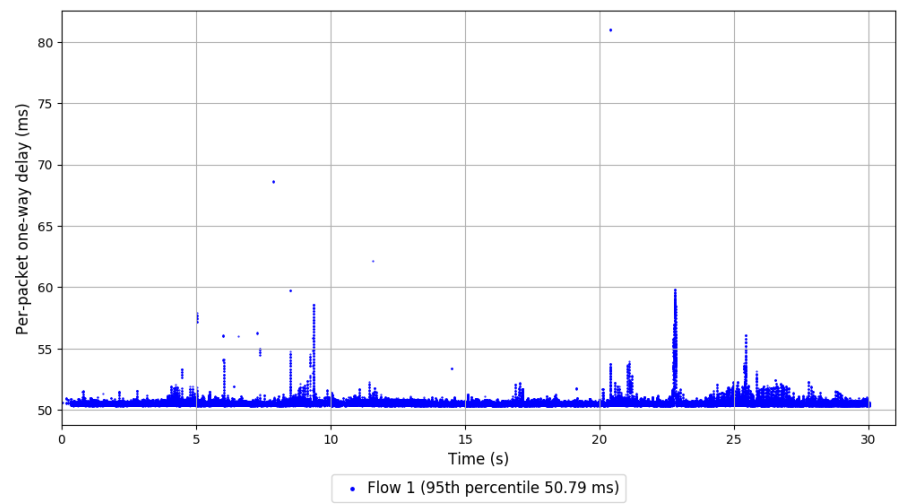
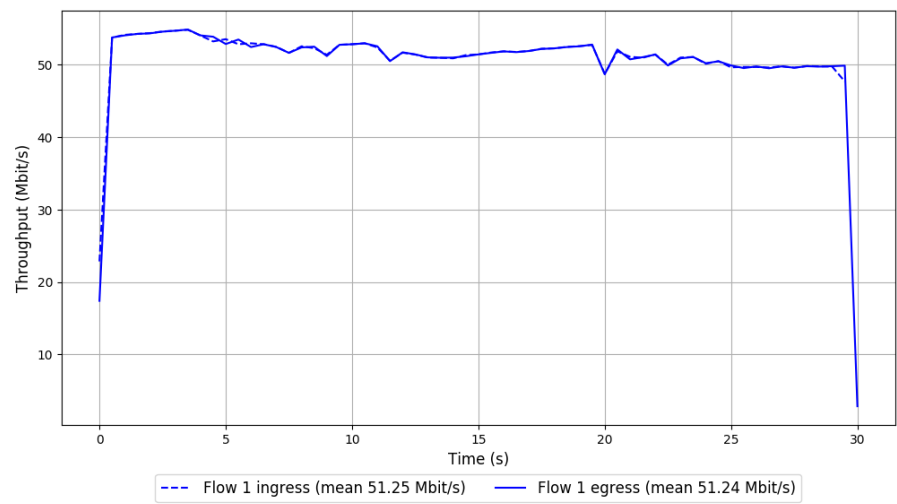


Run 9: Statistics of Copa

Start at: 2017-08-17 00:41:05
End at: 2017-08-17 00:41:35
Local clock offset: 0.244 ms
Remote clock offset: -1.773 ms

Below is generated by plot.py at 2017-08-17 01:56:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 51.24 Mbit/s
95th percentile per-packet one-way delay: 50.786 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 51.24 Mbit/s
95th percentile per-packet one-way delay: 50.786 ms
Loss rate: 0.02%

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: 2017-08-17 01:01:32

End at: 2017-08-17 01:02:02

Local clock offset: 0.359 ms

Remote clock offset: -3.392 ms

Below is generated by plot.py at 2017-08-17 01:57:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 57.18 Mbit/s

95th percentile per-packet one-way delay: 49.018 ms

Loss rate: 0.03%

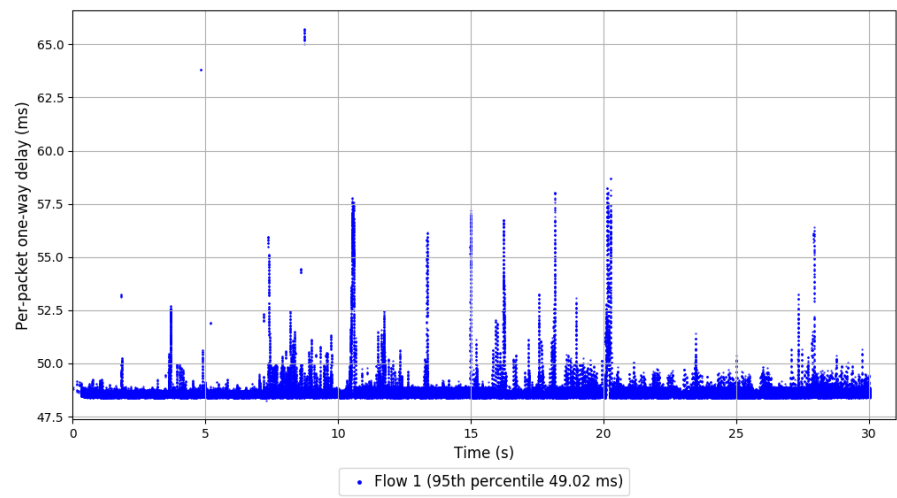
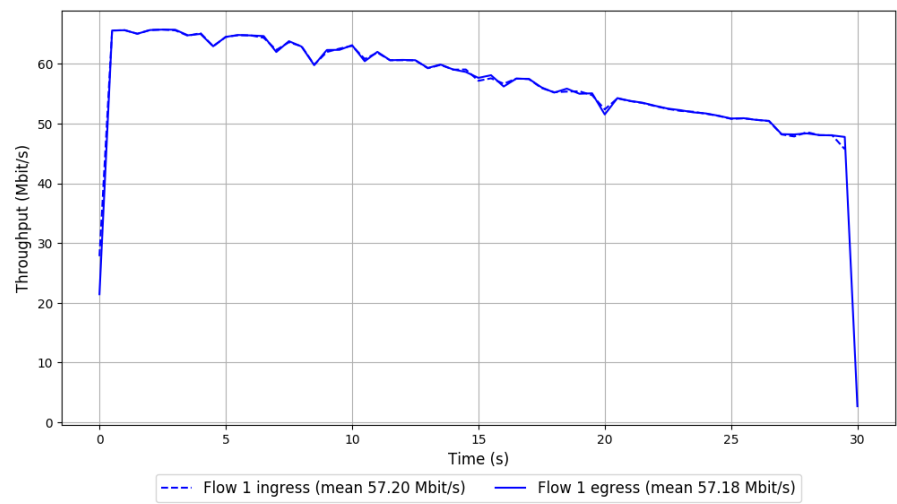
-- Flow 1:

Average throughput: 57.18 Mbit/s

95th percentile per-packet one-way delay: 49.018 ms

Loss rate: 0.03%

Run 10: Report of Copa — Data Link

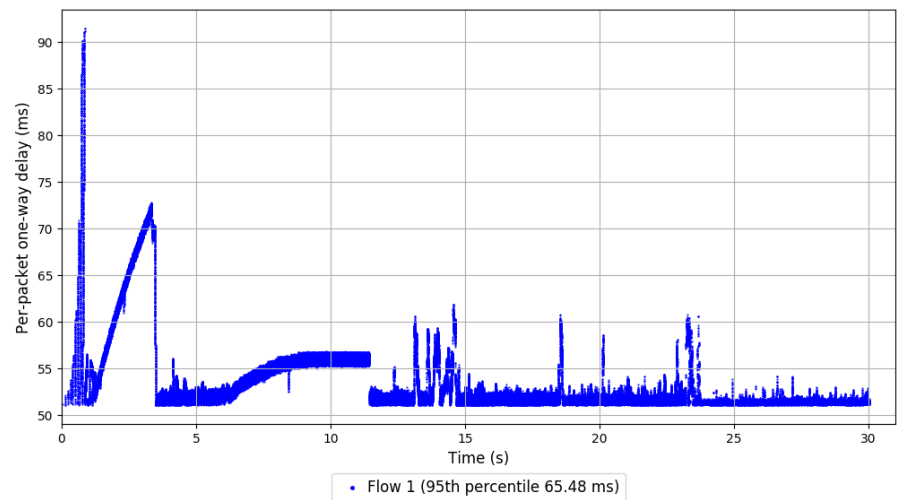
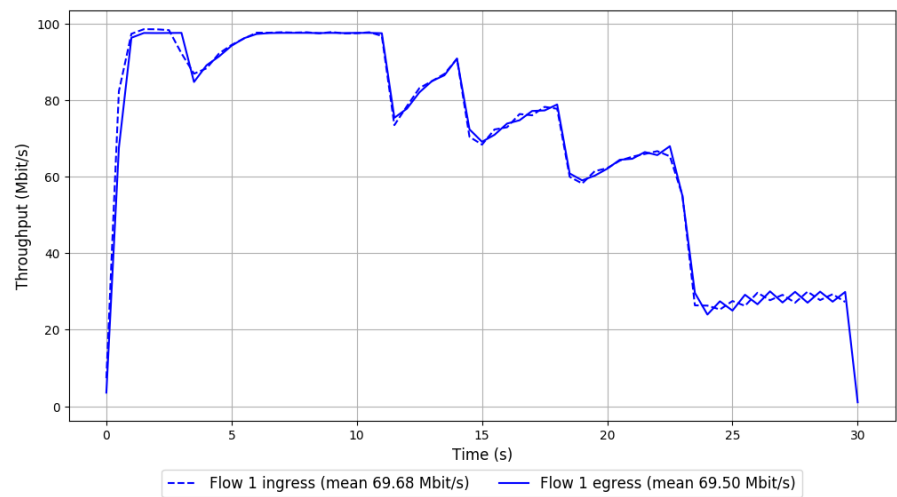


Run 1: Statistics of TCP Cubic

Start at: 2017-08-16 22:06:08
End at: 2017-08-16 22:06:38
Local clock offset: -0.591 ms
Remote clock offset: -0.307 ms

Below is generated by plot.py at 2017-08-17 01:57:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 69.50 Mbit/s
95th percentile per-packet one-way delay: 65.483 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 69.50 Mbit/s
95th percentile per-packet one-way delay: 65.483 ms
Loss rate: 0.26%

Run 1: Report of TCP Cubic — Data Link

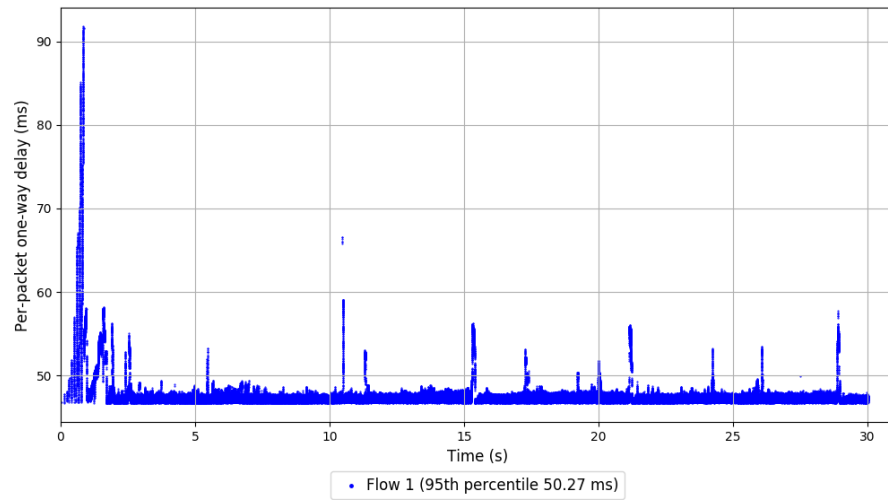
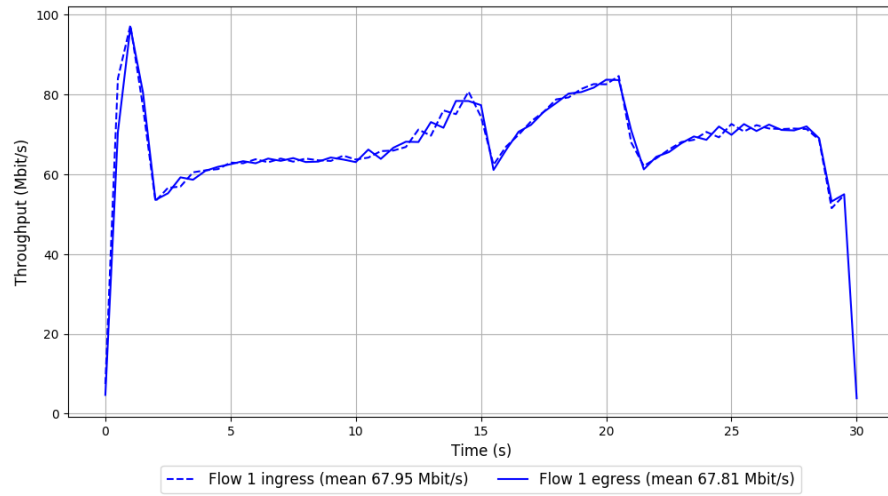


Run 2: Statistics of TCP Cubic

Start at: 2017-08-16 22:26:18
End at: 2017-08-16 22:26:48
Local clock offset: -0.451 ms
Remote clock offset: -3.611 ms

Below is generated by plot.py at 2017-08-17 01:57:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 67.81 Mbit/s
95th percentile per-packet one-way delay: 50.269 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 67.81 Mbit/s
95th percentile per-packet one-way delay: 50.269 ms
Loss rate: 0.21%

Run 2: Report of TCP Cubic — Data Link

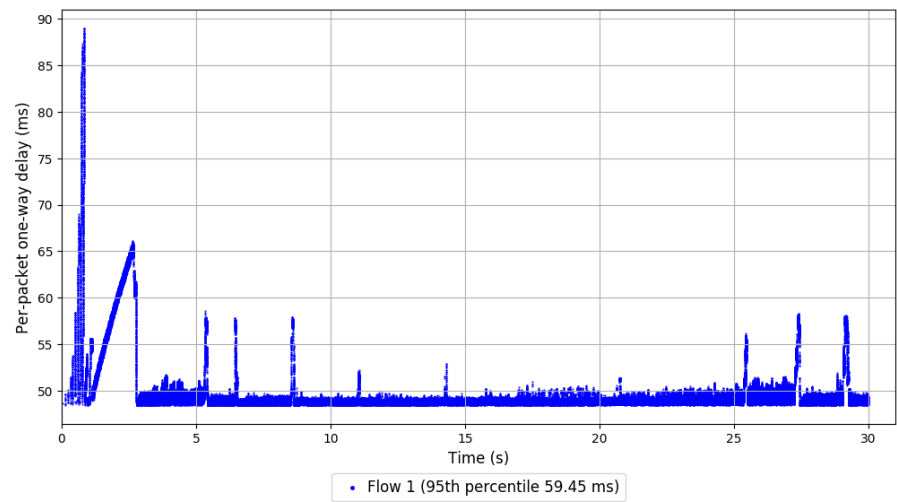
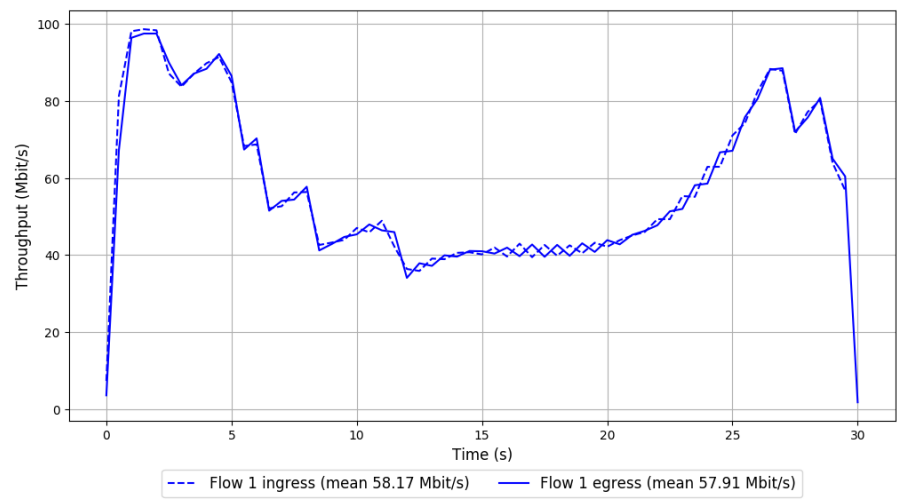


Run 3: Statistics of TCP Cubic

Start at: 2017-08-16 22:47:28
End at: 2017-08-16 22:47:58
Local clock offset: -0.409 ms
Remote clock offset: -3.759 ms

Below is generated by plot.py at 2017-08-17 01:57:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 57.91 Mbit/s
95th percentile per-packet one-way delay: 59.453 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 57.91 Mbit/s
95th percentile per-packet one-way delay: 59.453 ms
Loss rate: 0.45%

Run 3: Report of TCP Cubic — Data Link

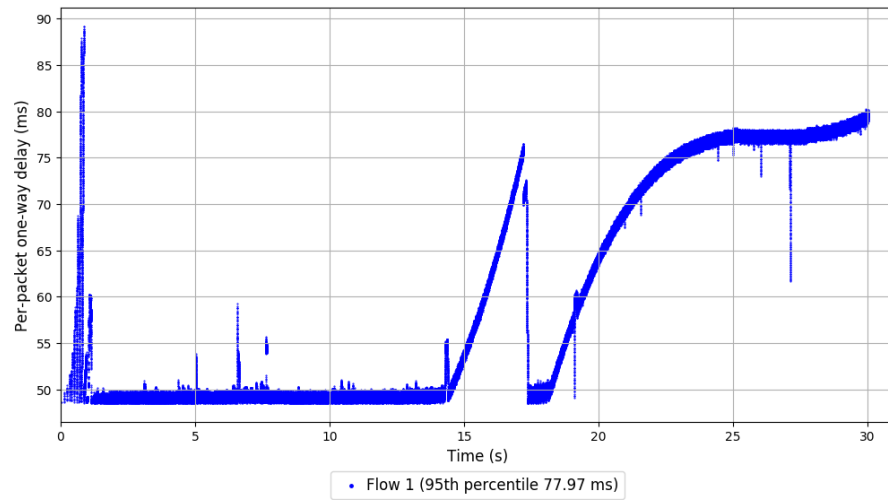
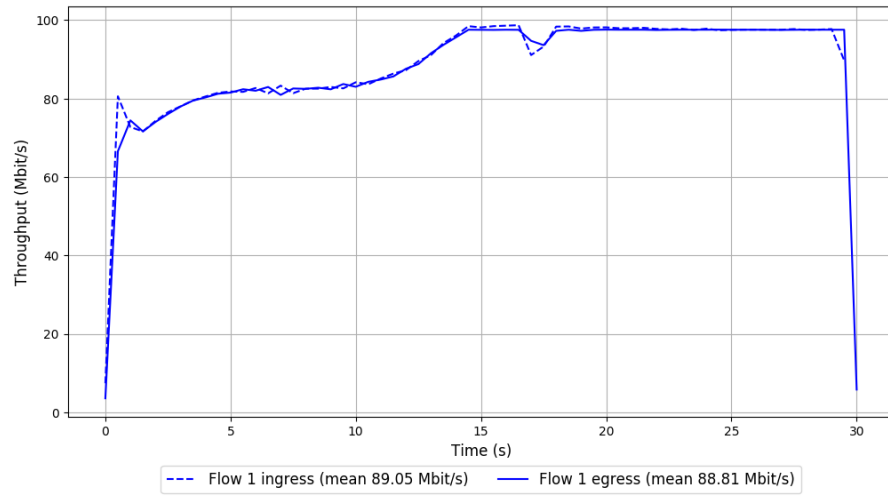


Run 4: Statistics of TCP Cubic

Start at: 2017-08-16 23:08:05
End at: 2017-08-16 23:08:35
Local clock offset: -0.193 ms
Remote clock offset: -3.589 ms

Below is generated by plot.py at 2017-08-17 01:57:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.81 Mbit/s
95th percentile per-packet one-way delay: 77.971 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 88.81 Mbit/s
95th percentile per-packet one-way delay: 77.971 ms
Loss rate: 0.22%

Run 4: Report of TCP Cubic — Data Link

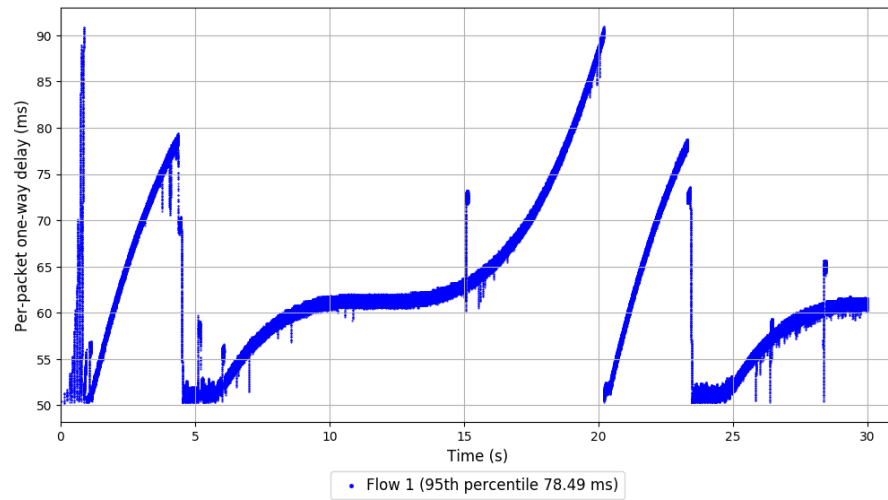
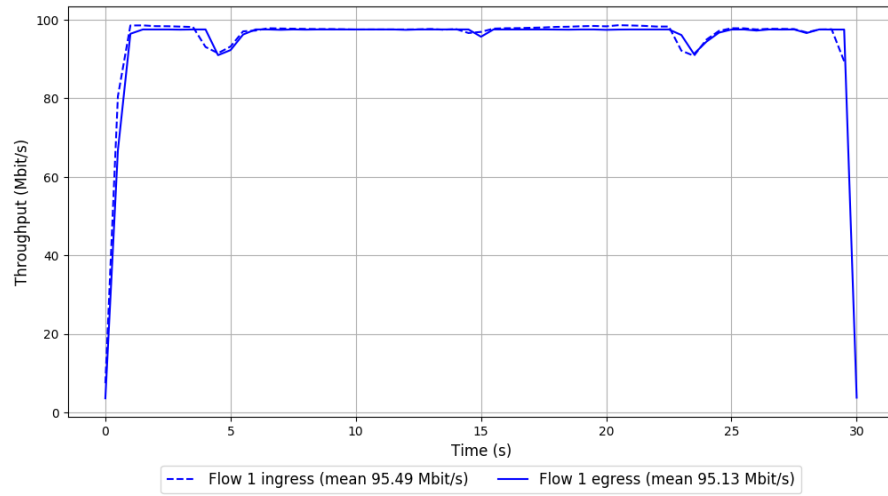


Run 5: Statistics of TCP Cubic

Start at: 2017-08-16 23:28:34
End at: 2017-08-16 23:29:04
Local clock offset: 0.16 ms
Remote clock offset: -1.792 ms

Below is generated by plot.py at 2017-08-17 01:57:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.13 Mbit/s
95th percentile per-packet one-way delay: 78.489 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 95.13 Mbit/s
95th percentile per-packet one-way delay: 78.489 ms
Loss rate: 0.34%

Run 5: Report of TCP Cubic — Data Link

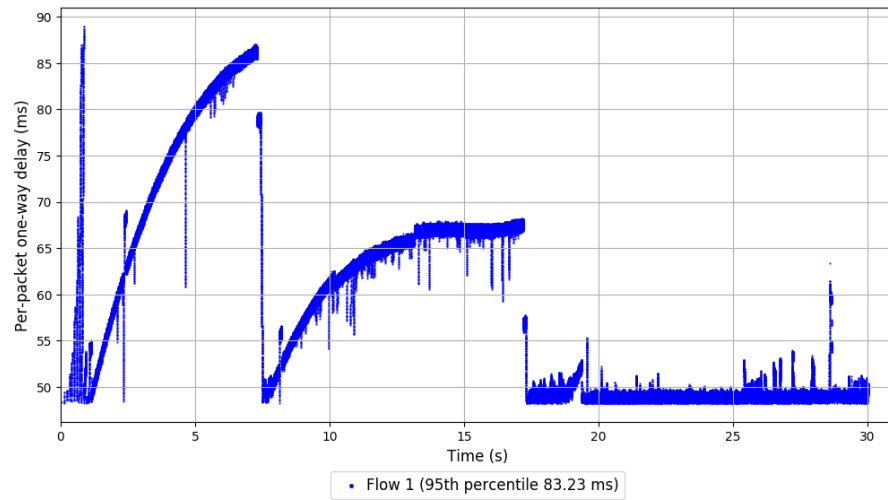
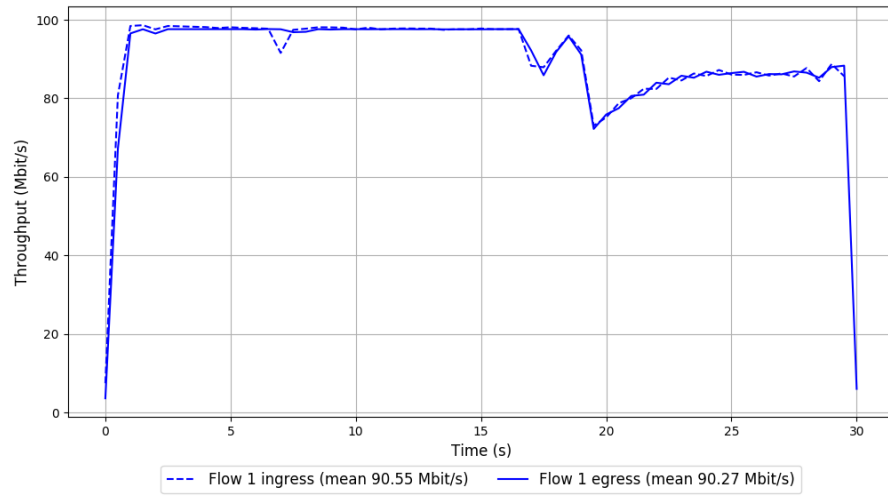


Run 6: Statistics of TCP Cubic

Start at: 2017-08-16 23:49:08
End at: 2017-08-16 23:49:38
Local clock offset: 0.39 ms
Remote clock offset: -3.912 ms

Below is generated by plot.py at 2017-08-17 01:57:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.27 Mbit/s
95th percentile per-packet one-way delay: 83.233 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 90.27 Mbit/s
95th percentile per-packet one-way delay: 83.233 ms
Loss rate: 0.30%

Run 6: Report of TCP Cubic — Data Link

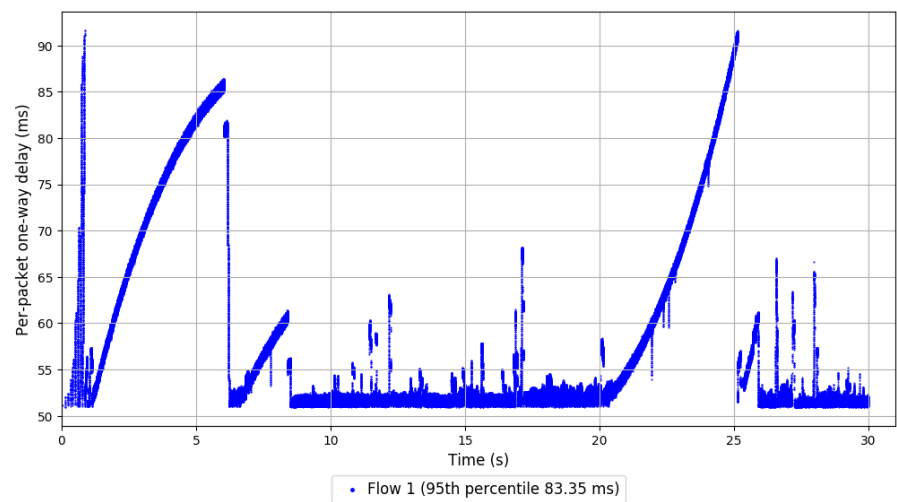
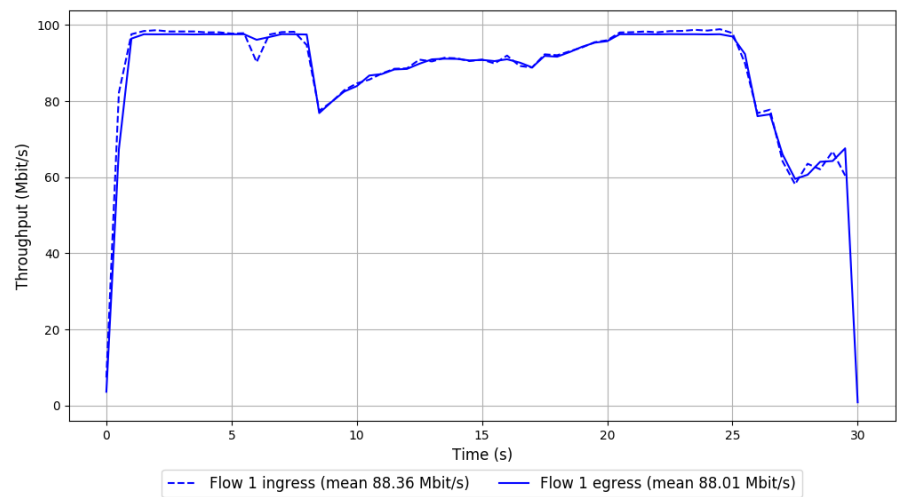


Run 7: Statistics of TCP Cubic

Start at: 2017-08-17 00:09:43
End at: 2017-08-17 00:10:13
Local clock offset: 0.359 ms
Remote clock offset: -1.514 ms

Below is generated by plot.py at 2017-08-17 01:57:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.01 Mbit/s
95th percentile per-packet one-way delay: 83.353 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 88.01 Mbit/s
95th percentile per-packet one-way delay: 83.353 ms
Loss rate: 0.40%

Run 7: Report of TCP Cubic — Data Link

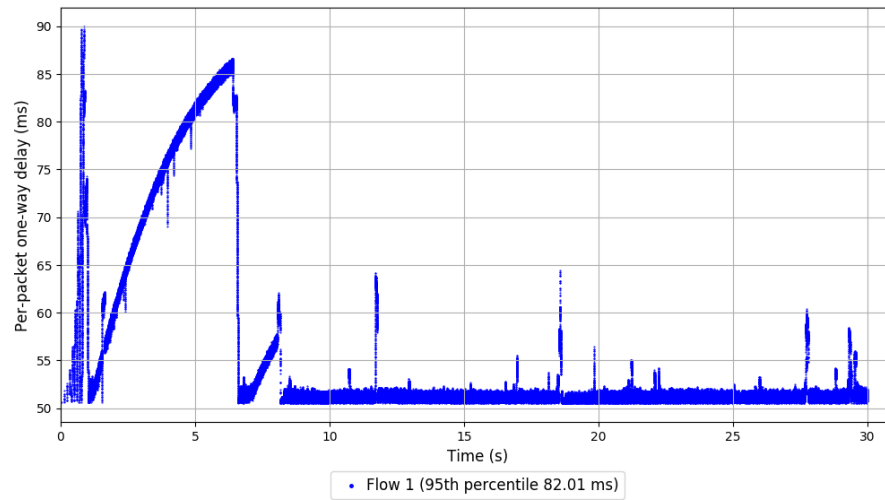
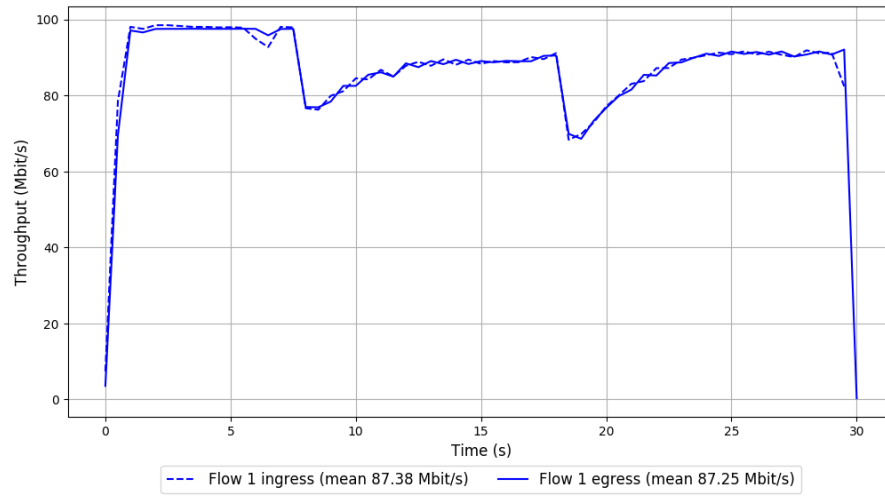


Run 8: Statistics of TCP Cubic

Start at: 2017-08-17 00:30:02
End at: 2017-08-17 00:30:32
Local clock offset: 0.243 ms
Remote clock offset: -2.042 ms

Below is generated by plot.py at 2017-08-17 01:57:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.25 Mbit/s
95th percentile per-packet one-way delay: 82.008 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 87.25 Mbit/s
95th percentile per-packet one-way delay: 82.008 ms
Loss rate: 0.15%

Run 8: Report of TCP Cubic — Data Link

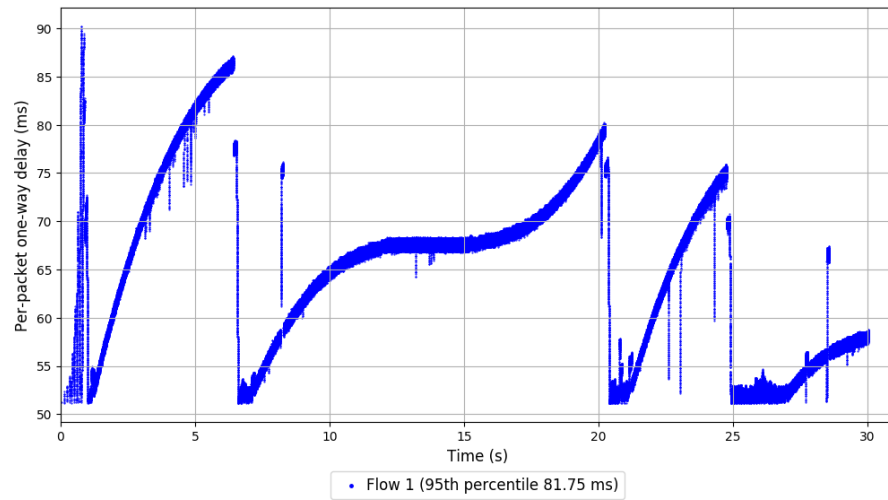
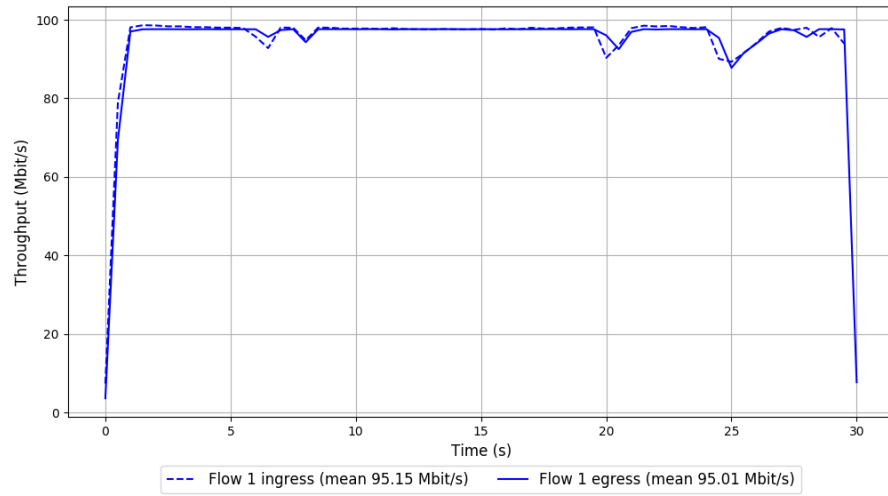


Run 9: Statistics of TCP Cubic

Start at: 2017-08-17 00:50:37
End at: 2017-08-17 00:51:07
Local clock offset: 0.217 ms
Remote clock offset: -0.996 ms

Below is generated by plot.py at 2017-08-17 01:57:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.01 Mbit/s
95th percentile per-packet one-way delay: 81.746 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 95.01 Mbit/s
95th percentile per-packet one-way delay: 81.746 ms
Loss rate: 0.12%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2017-08-17 01:11:15

End at: 2017-08-17 01:11:45

Local clock offset: 0.349 ms

Remote clock offset: -3.356 ms

Below is generated by plot.py at 2017-08-17 01:58:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.76 Mbit/s

95th percentile per-packet one-way delay: 75.639 ms

Loss rate: 0.23%

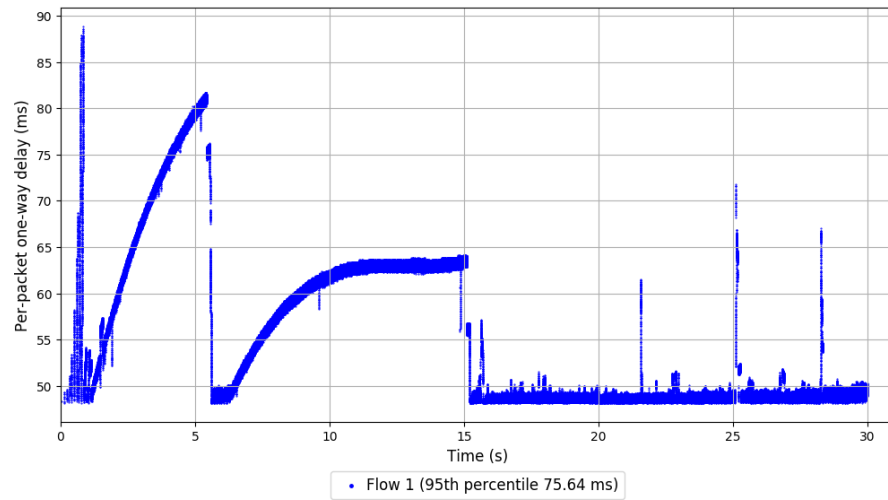
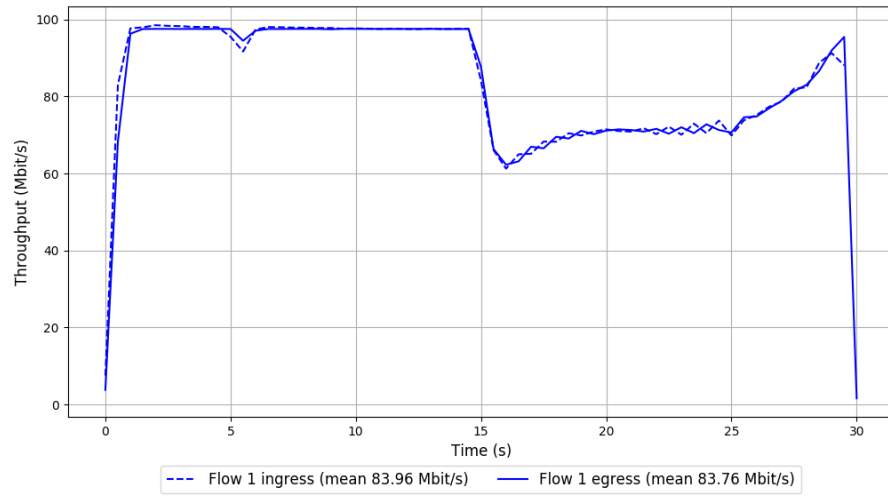
-- Flow 1:

Average throughput: 83.76 Mbit/s

95th percentile per-packet one-way delay: 75.639 ms

Loss rate: 0.23%

Run 10: Report of TCP Cubic — Data Link

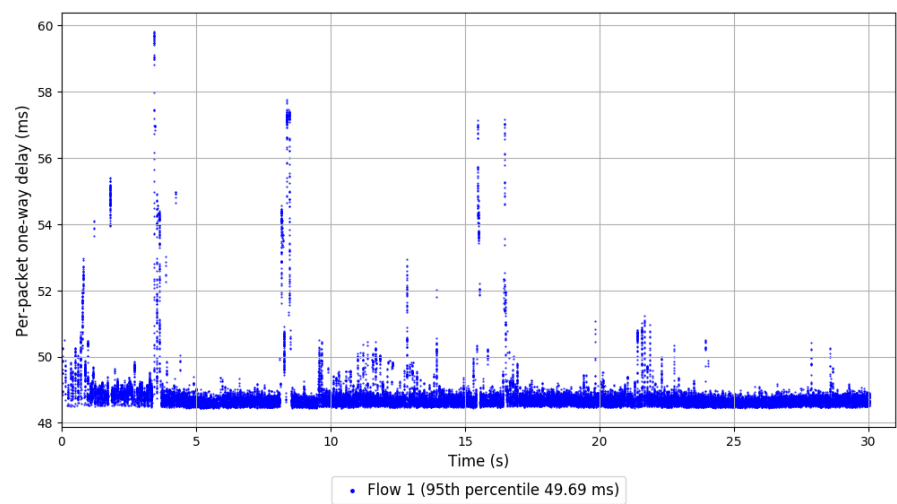
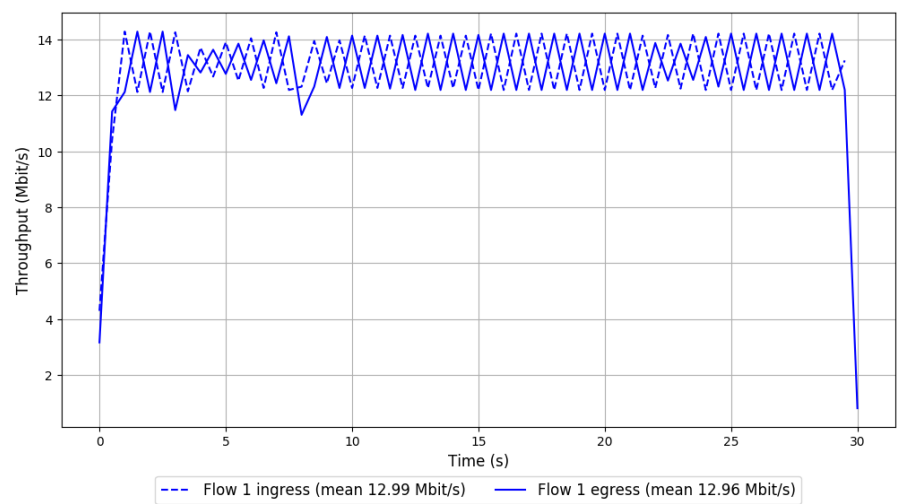


Run 1: Statistics of KohoCC

Start at: 2017-08-16 22:00:50
End at: 2017-08-16 22:01:20
Local clock offset: -0.482 ms
Remote clock offset: -2.661 ms

Below is generated by plot.py at 2017-08-17 01:58:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.96 Mbit/s
95th percentile per-packet one-way delay: 49.689 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 12.96 Mbit/s
95th percentile per-packet one-way delay: 49.689 ms
Loss rate: 0.26%

Run 1: Report of KohoCC — Data Link

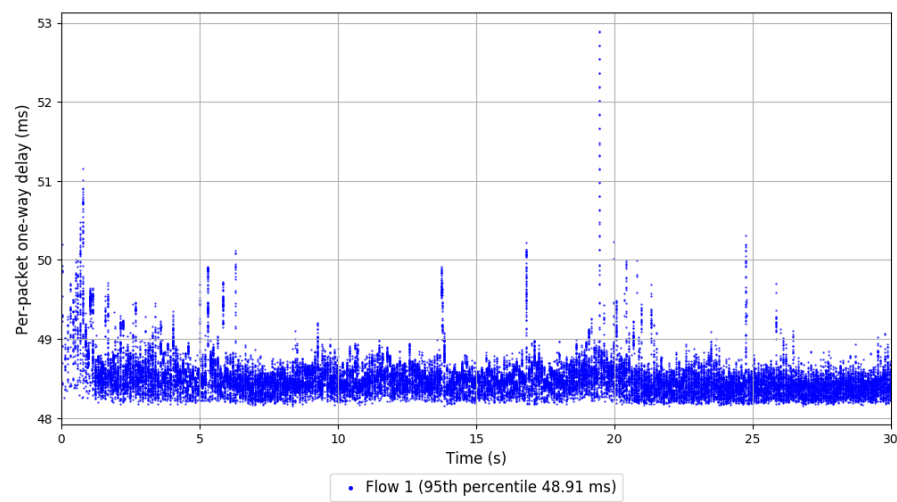
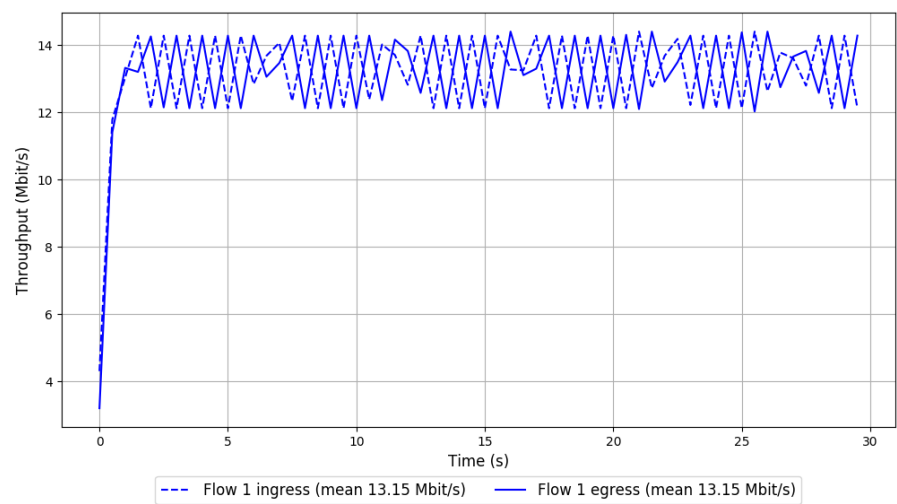


Run 2: Statistics of KohoCC

Start at: 2017-08-16 22:21:00
End at: 2017-08-16 22:21:30
Local clock offset: -0.555 ms
Remote clock offset: -3.508 ms

Below is generated by plot.py at 2017-08-17 01:58:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 13.15 Mbit/s
95th percentile per-packet one-way delay: 48.908 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 13.15 Mbit/s
95th percentile per-packet one-way delay: 48.908 ms
Loss rate: 0.02%

Run 2: Report of KohoCC — Data Link

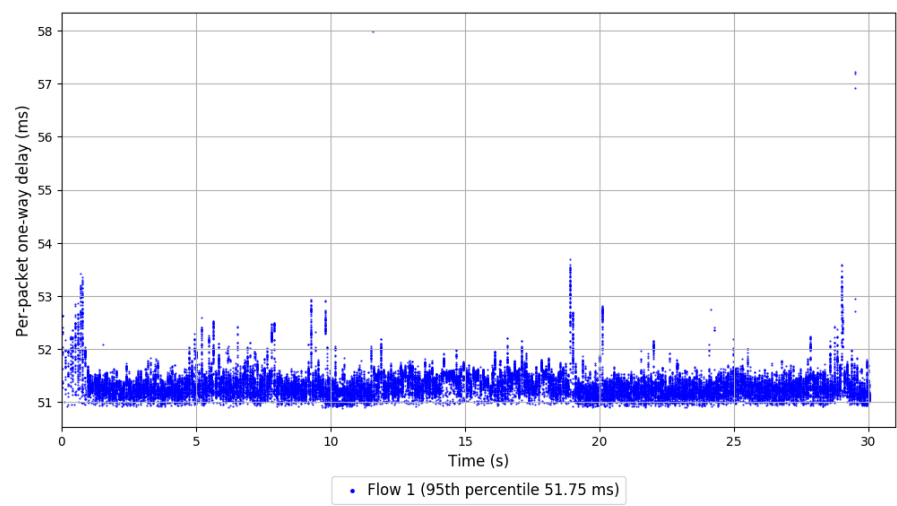
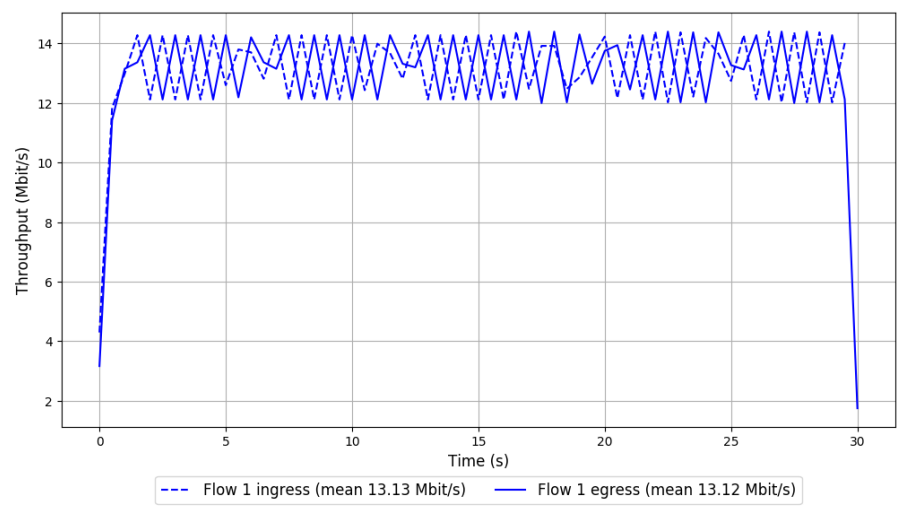


Run 3: Statistics of KohoCC

Start at: 2017-08-16 22:41:55
End at: 2017-08-16 22:42:25
Local clock offset: -0.439 ms
Remote clock offset: -1.087 ms

Below is generated by plot.py at 2017-08-17 01:58:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 13.12 Mbit/s
95th percentile per-packet one-way delay: 51.751 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 13.12 Mbit/s
95th percentile per-packet one-way delay: 51.751 ms
Loss rate: 0.04%

Run 3: Report of KohoCC — Data Link

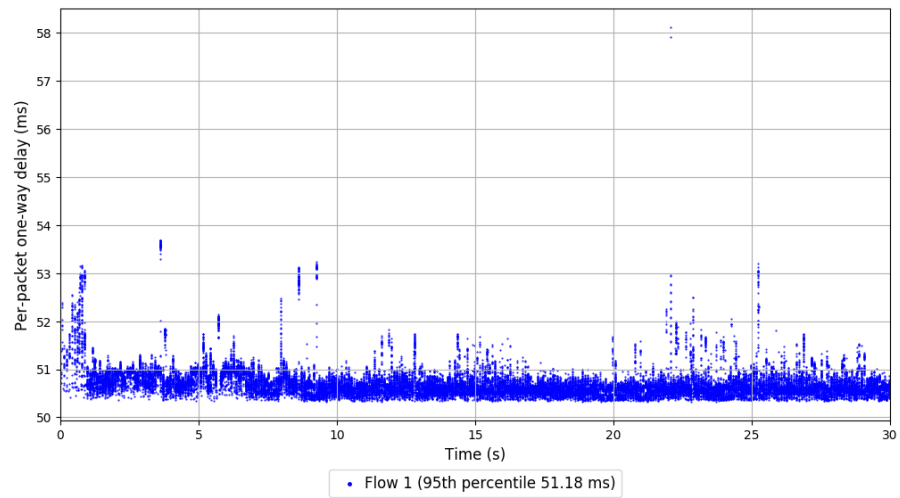
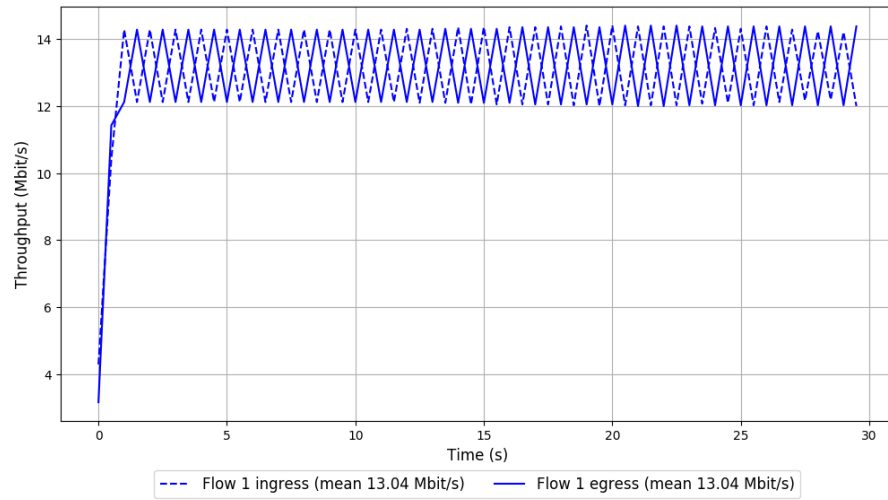


Run 4: Statistics of KohoCC

Start at: 2017-08-16 23:02:46
End at: 2017-08-16 23:03:16
Local clock offset: -0.273 ms
Remote clock offset: -1.614 ms

Below is generated by plot.py at 2017-08-17 01:58:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 13.04 Mbit/s
95th percentile per-packet one-way delay: 51.181 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 13.04 Mbit/s
95th percentile per-packet one-way delay: 51.181 ms
Loss rate: 0.00%

Run 4: Report of KohoCC — Data Link

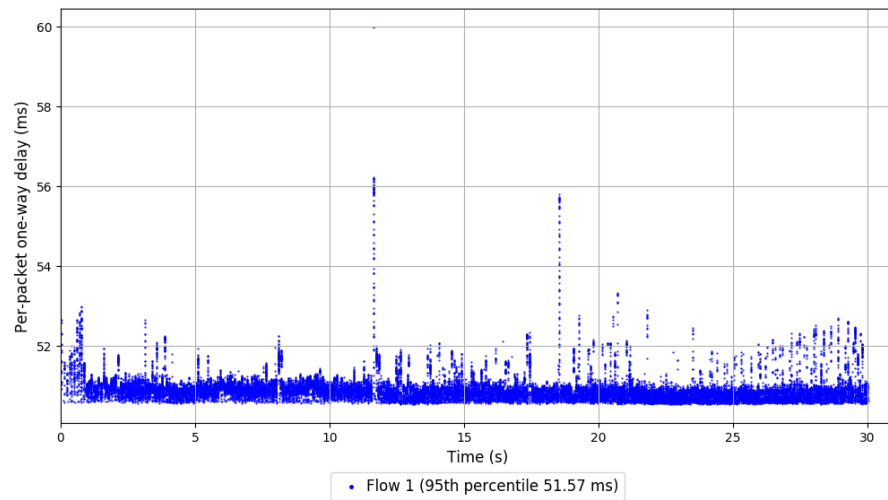
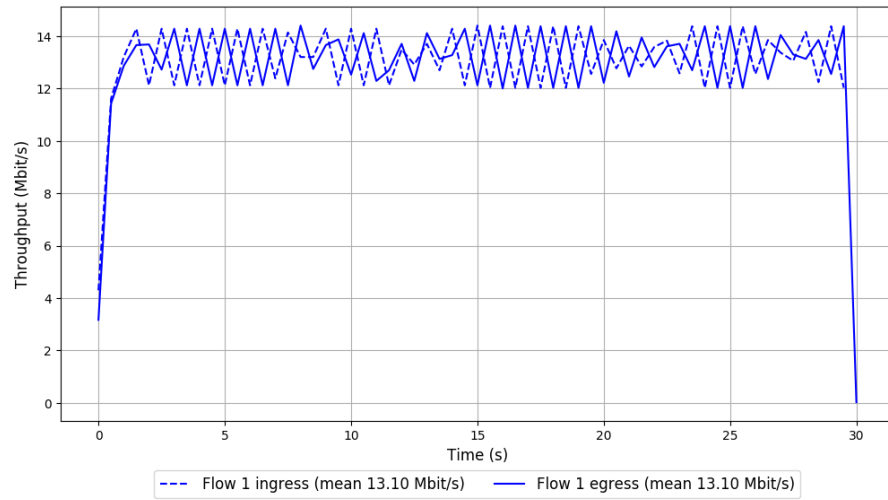


Run 5: Statistics of KohoCC

Start at: 2017-08-16 23:23:09
End at: 2017-08-16 23:23:39
Local clock offset: 0.12 ms
Remote clock offset: -1.677 ms

Below is generated by plot.py at 2017-08-17 01:58:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 13.10 Mbit/s
95th percentile per-packet one-way delay: 51.570 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 13.10 Mbit/s
95th percentile per-packet one-way delay: 51.570 ms
Loss rate: 0.00%

Run 5: Report of KohoCC — Data Link

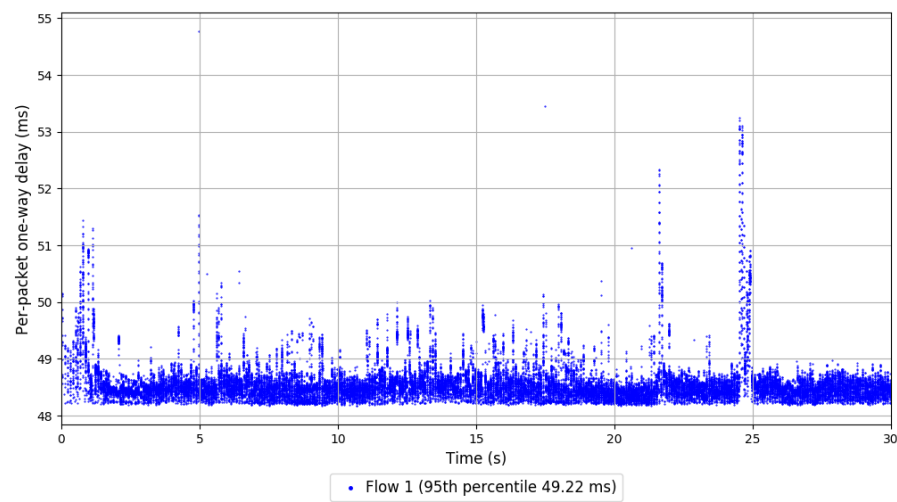
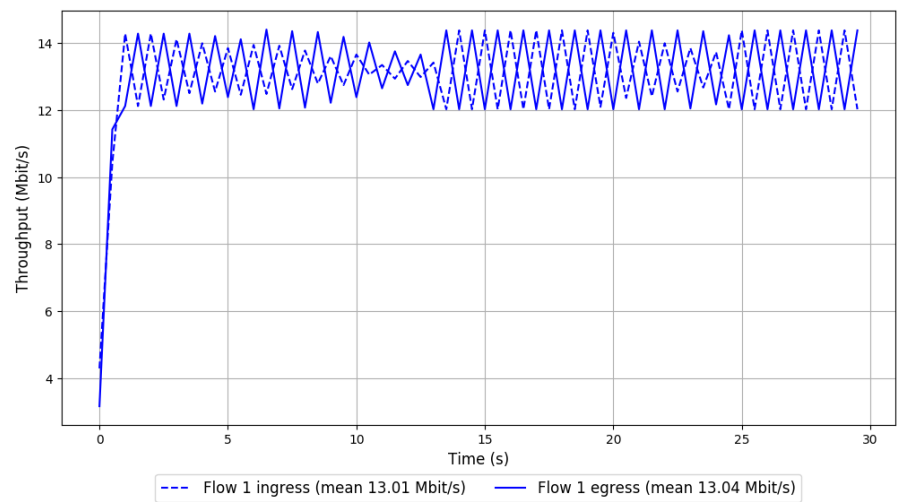


Run 6: Statistics of KohoCC

Start at: 2017-08-16 23:43:45
End at: 2017-08-16 23:44:15
Local clock offset: 0.377 ms
Remote clock offset: -3.938 ms

Below is generated by plot.py at 2017-08-17 01:58:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 13.04 Mbit/s
95th percentile per-packet one-way delay: 49.219 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 13.04 Mbit/s
95th percentile per-packet one-way delay: 49.219 ms
Loss rate: 0.00%

Run 6: Report of KohoCC — Data Link

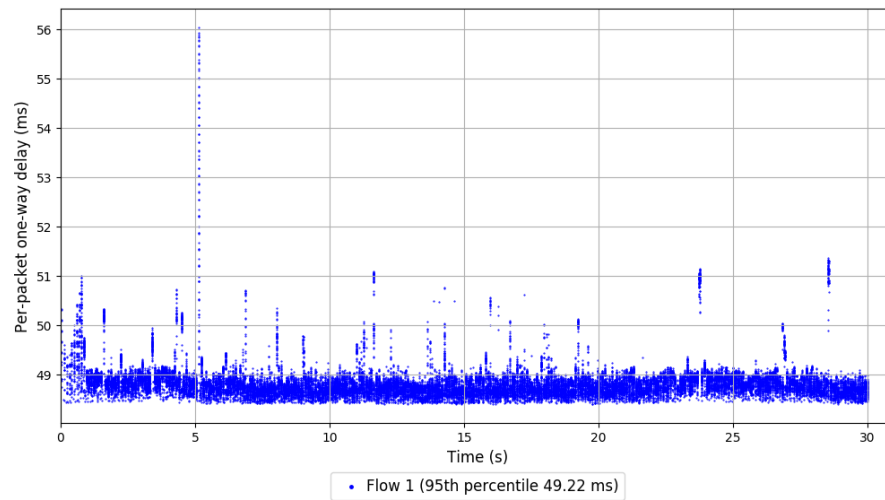
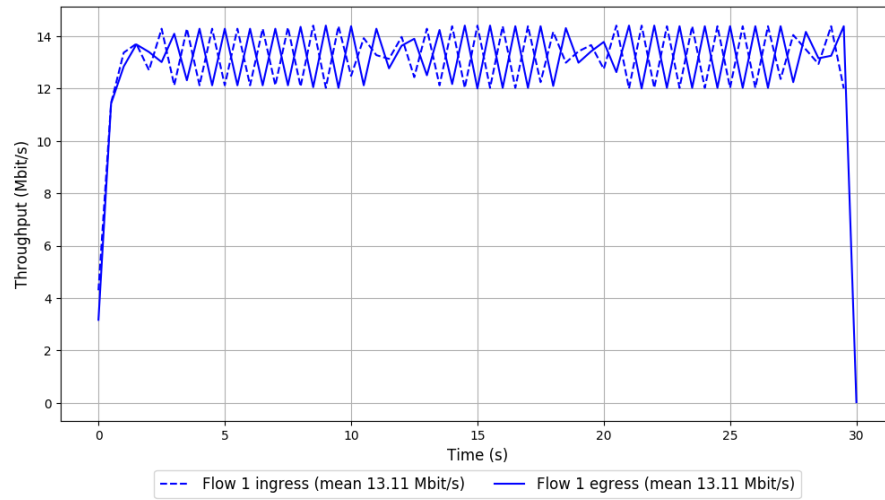


Run 7: Statistics of KohoCC

Start at: 2017-08-17 00:04:24
End at: 2017-08-17 00:04:54
Local clock offset: 0.369 ms
Remote clock offset: -4.076 ms

Below is generated by plot.py at 2017-08-17 01:58:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 13.11 Mbit/s
95th percentile per-packet one-way delay: 49.221 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 13.11 Mbit/s
95th percentile per-packet one-way delay: 49.221 ms
Loss rate: 0.00%

Run 7: Report of KohoCC — Data Link

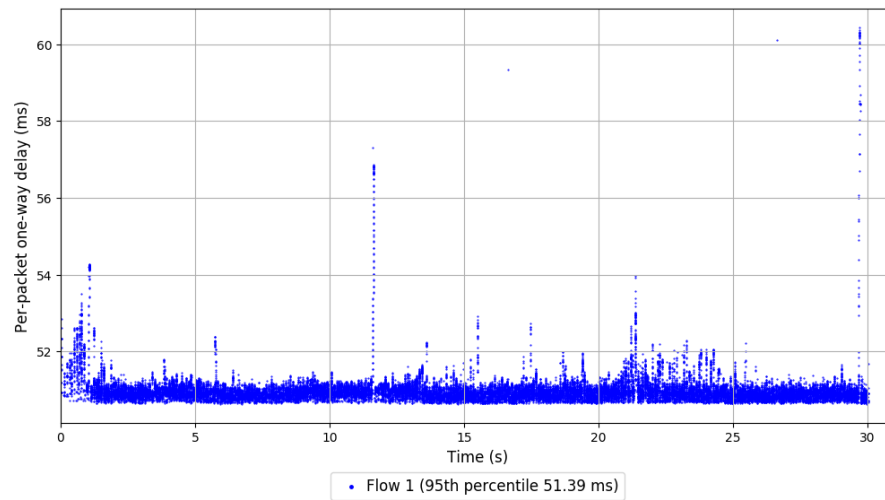
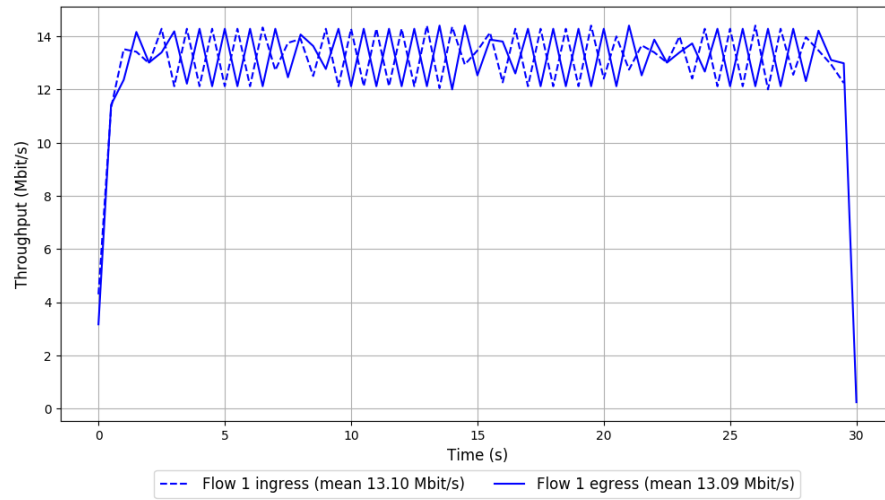


Run 8: Statistics of KohoCC

Start at: 2017-08-17 00:24:39
End at: 2017-08-17 00:25:09
Local clock offset: 0.244 ms
Remote clock offset: -1.981 ms

Below is generated by plot.py at 2017-08-17 01:58:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 13.09 Mbit/s
95th percentile per-packet one-way delay: 51.392 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 13.09 Mbit/s
95th percentile per-packet one-way delay: 51.392 ms
Loss rate: 0.04%

Run 8: Report of KohoCC — Data Link

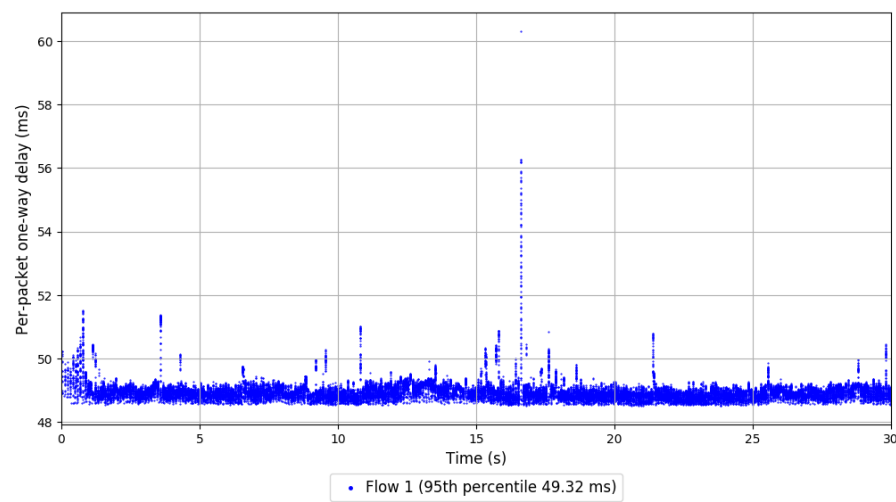
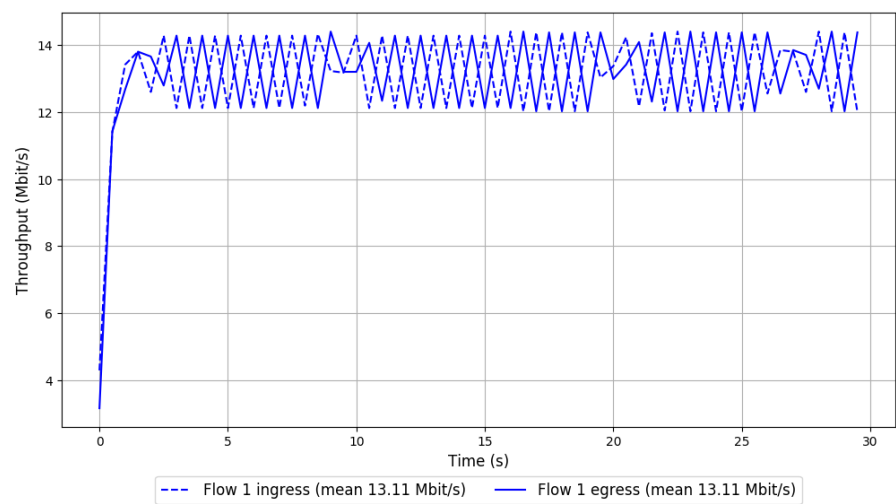


Run 9: Statistics of KohoCC

Start at: 2017-08-17 00:45:17
End at: 2017-08-17 00:45:47
Local clock offset: 0.241 ms
Remote clock offset: -3.731 ms

Below is generated by plot.py at 2017-08-17 01:58:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 13.11 Mbit/s
95th percentile per-packet one-way delay: 49.322 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 13.11 Mbit/s
95th percentile per-packet one-way delay: 49.322 ms
Loss rate: 0.00%

Run 9: Report of KohoCC — Data Link



Run 10: Statistics of KohoCC

Start at: 2017-08-17 01:05:48

End at: 2017-08-17 01:06:18

Local clock offset: 0.283 ms

Remote clock offset: -0.769 ms

Below is generated by plot.py at 2017-08-17 01:58:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 13.09 Mbit/s

95th percentile per-packet one-way delay: 51.923 ms

Loss rate: 0.07%

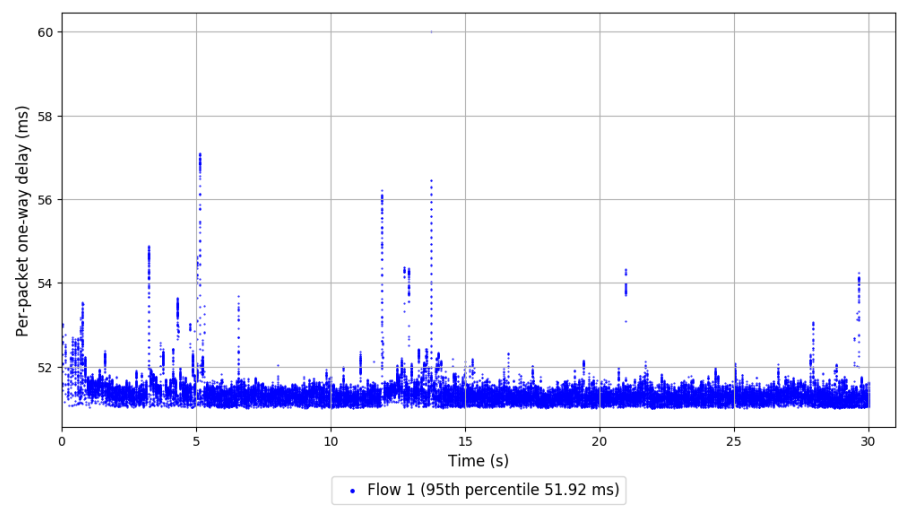
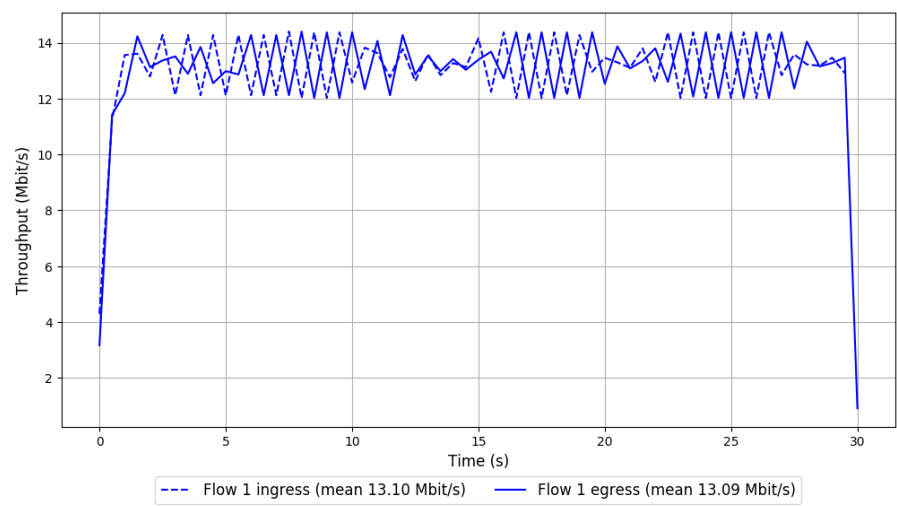
-- Flow 1:

Average throughput: 13.09 Mbit/s

95th percentile per-packet one-way delay: 51.923 ms

Loss rate: 0.07%

Run 10: Report of KohoCC — Data Link



Run 1: Statistics of LEDBAT

Start at: 2017-08-16 21:58:09

End at: 2017-08-16 21:58:39

Local clock offset: -0.493 ms

Remote clock offset: -0.077 ms

Run 1: Report of LEDBAT — Data Link

Figure is missing

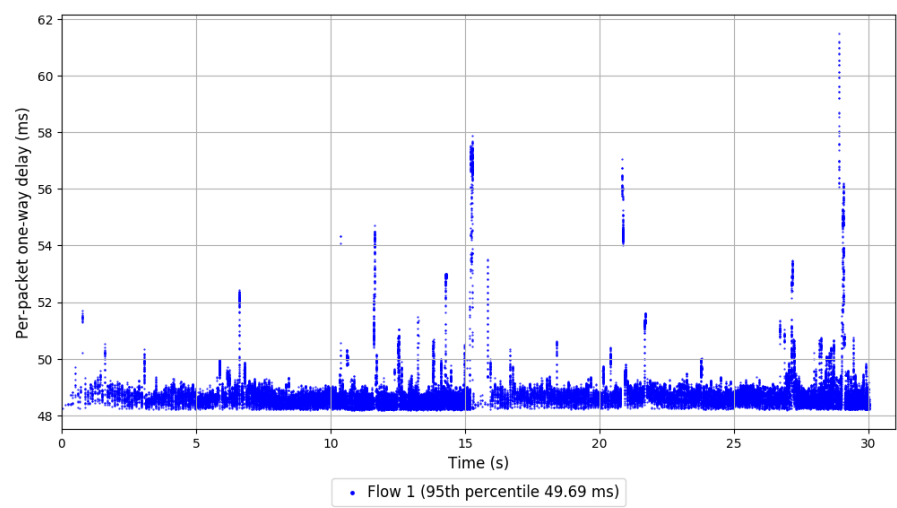
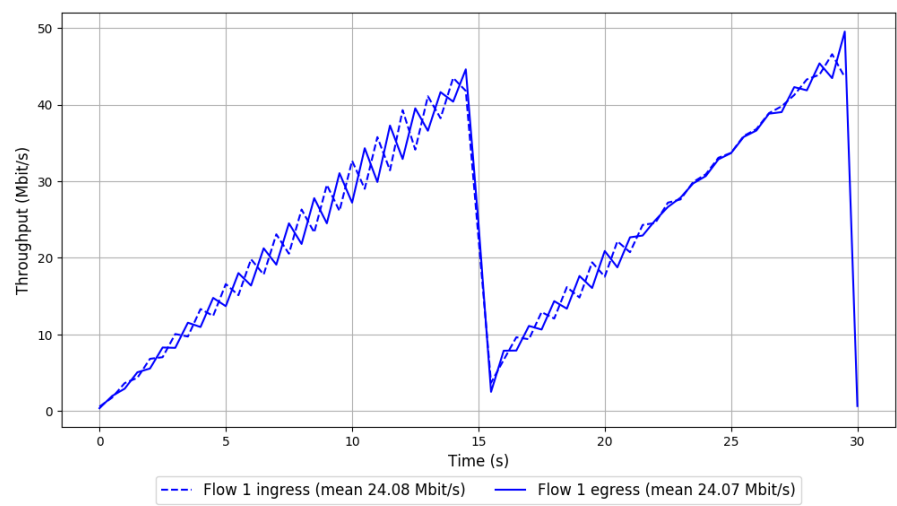
Figure is missing

Run 2: Statistics of LEDBAT

Start at: 2017-08-16 22:18:17
End at: 2017-08-16 22:18:48
Local clock offset: -0.558 ms
Remote clock offset: -3.387 ms

Below is generated by plot.py at 2017-08-17 01:58:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.07 Mbit/s
95th percentile per-packet one-way delay: 49.693 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 24.07 Mbit/s
95th percentile per-packet one-way delay: 49.693 ms
Loss rate: 0.06%

Run 2: Report of LEDBAT — Data Link

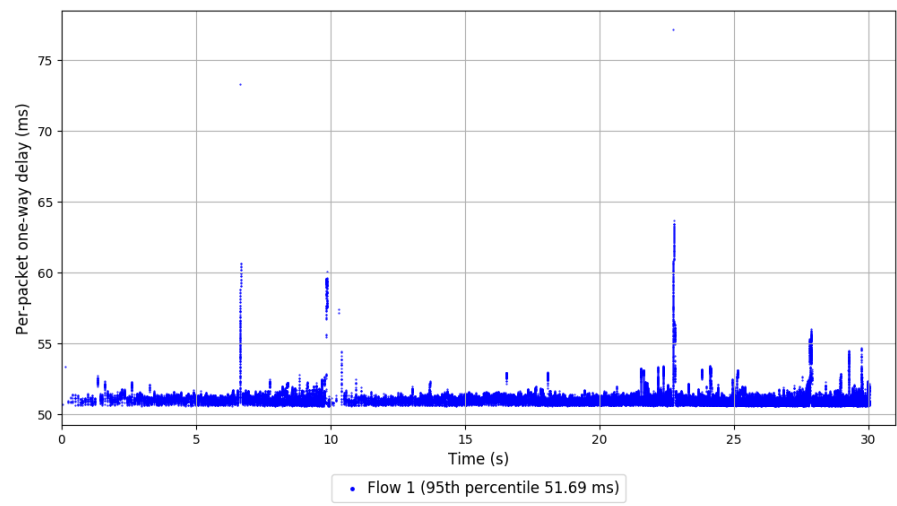
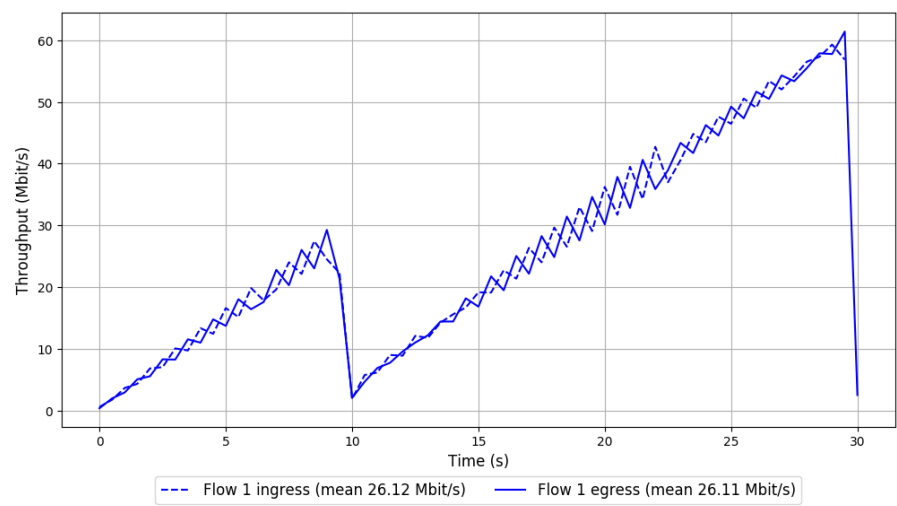


Run 3: Statistics of LEDBAT

Start at: 2017-08-16 22:38:52
End at: 2017-08-16 22:39:22
Local clock offset: -0.377 ms
Remote clock offset: -1.527 ms

Below is generated by plot.py at 2017-08-17 01:58:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 26.11 Mbit/s
95th percentile per-packet one-way delay: 51.691 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 26.11 Mbit/s
95th percentile per-packet one-way delay: 51.691 ms
Loss rate: 0.05%

Run 3: Report of LEDBAT — Data Link

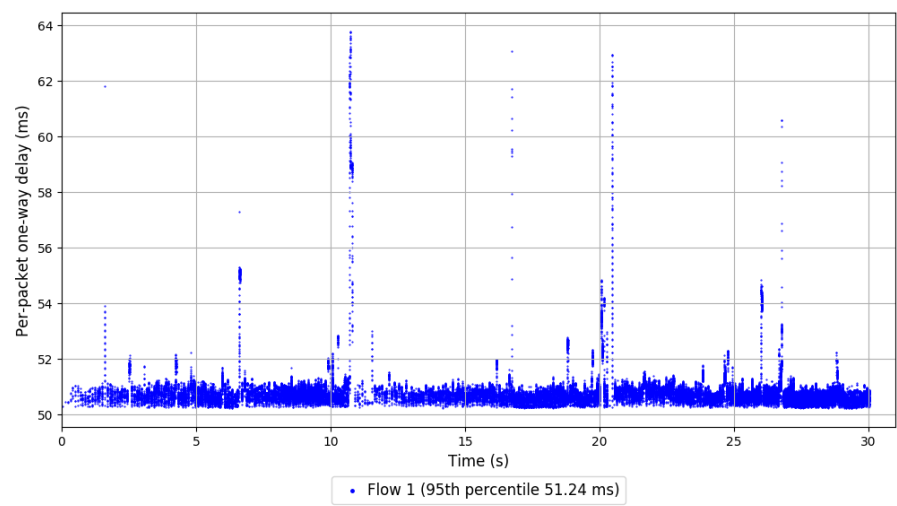
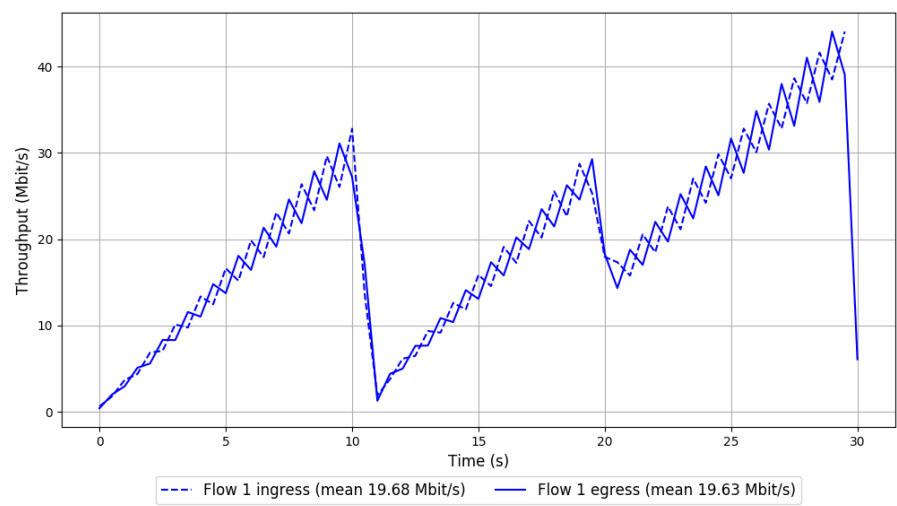


Run 4: Statistics of LEDBAT

Start at: 2017-08-16 23:00:03
End at: 2017-08-16 23:00:34
Local clock offset: -0.201 ms
Remote clock offset: -1.591 ms

Below is generated by plot.py at 2017-08-17 01:58:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 19.63 Mbit/s
95th percentile per-packet one-way delay: 51.243 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 19.63 Mbit/s
95th percentile per-packet one-way delay: 51.243 ms
Loss rate: 0.27%

Run 4: Report of LEDBAT — Data Link

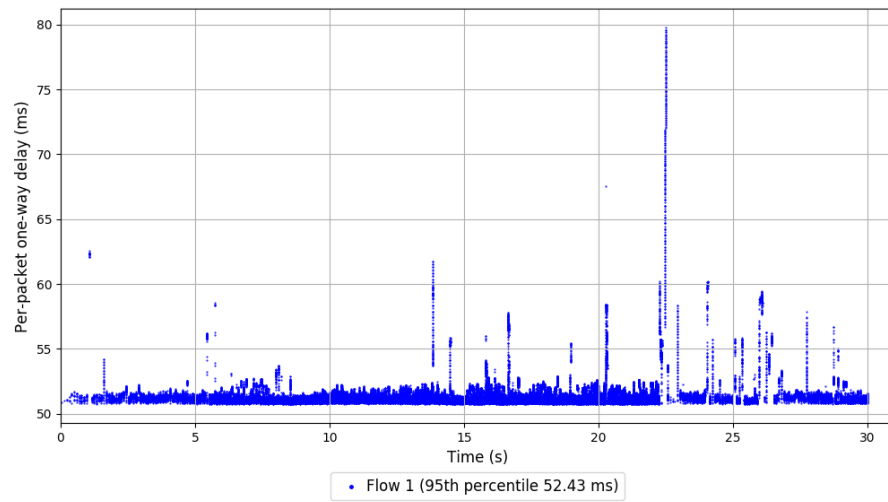
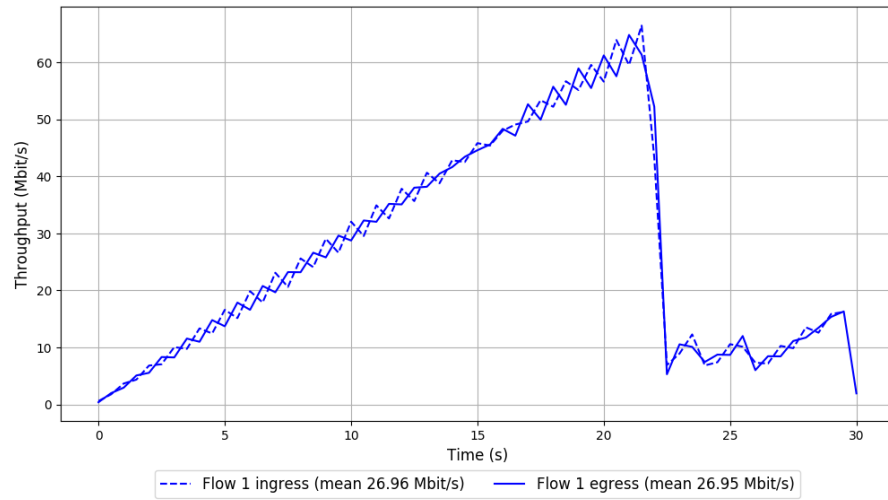


Run 5: Statistics of LEDBAT

Start at: 2017-08-16 23:20:20
End at: 2017-08-16 23:20:50
Local clock offset: 0.059 ms
Remote clock offset: -1.218 ms

Below is generated by plot.py at 2017-08-17 01:58:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 26.95 Mbit/s
95th percentile per-packet one-way delay: 52.434 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 26.95 Mbit/s
95th percentile per-packet one-way delay: 52.434 ms
Loss rate: 0.04%

Run 5: Report of LEDBAT — Data Link

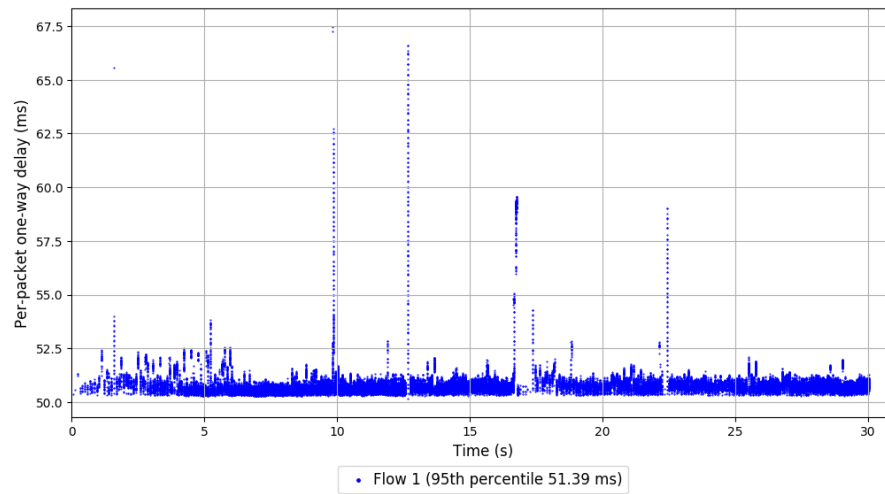
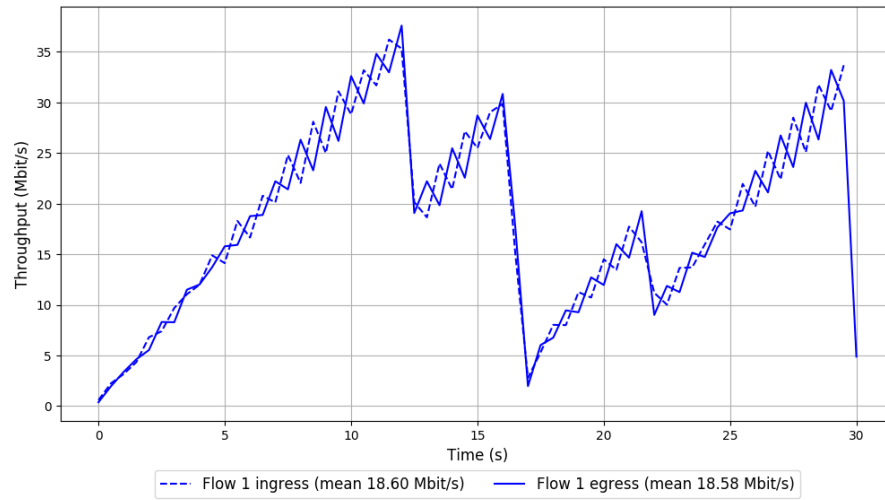


Run 6: Statistics of LEDBAT

Start at: 2017-08-16 23:40:59
End at: 2017-08-16 23:41:29
Local clock offset: 0.371 ms
Remote clock offset: -1.821 ms

Below is generated by plot.py at 2017-08-17 01:58:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 18.58 Mbit/s
95th percentile per-packet one-way delay: 51.388 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 18.58 Mbit/s
95th percentile per-packet one-way delay: 51.388 ms
Loss rate: 0.07%

Run 6: Report of LEDBAT — Data Link

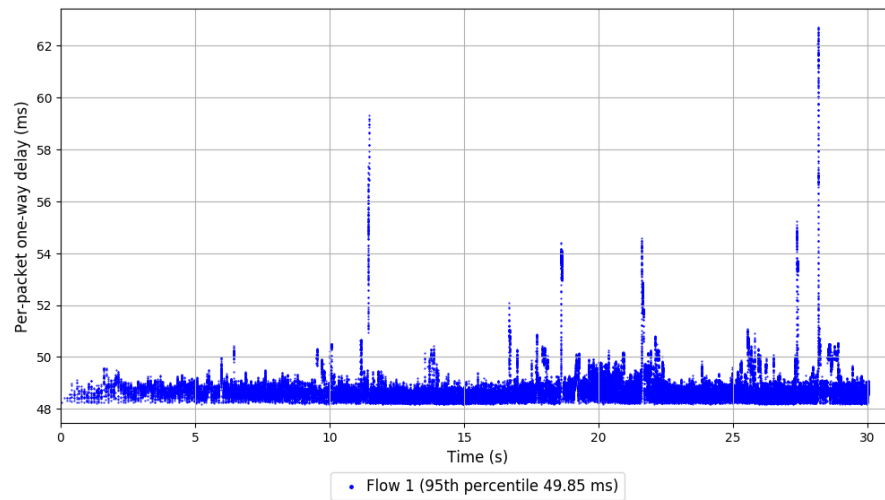
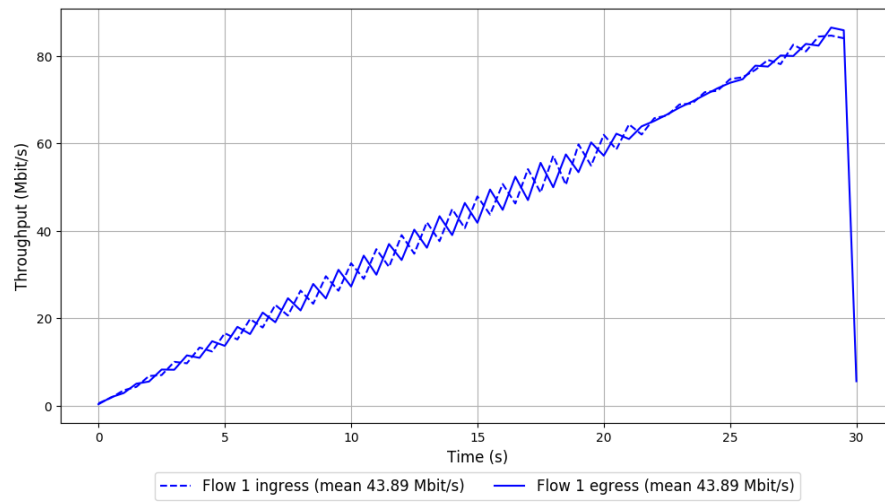


Run 7: Statistics of LEDBAT

Start at: 2017-08-17 00:01:41
End at: 2017-08-17 00:02:11
Local clock offset: 0.298 ms
Remote clock offset: -4.099 ms

Below is generated by plot.py at 2017-08-17 01:58:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 43.89 Mbit/s
95th percentile per-packet one-way delay: 49.850 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 43.89 Mbit/s
95th percentile per-packet one-way delay: 49.850 ms
Loss rate: 0.00%

Run 7: Report of LEDBAT — Data Link

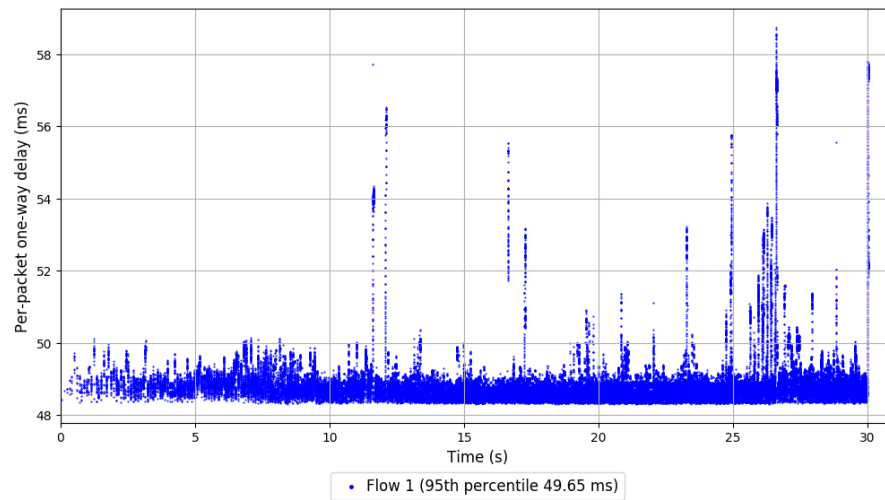
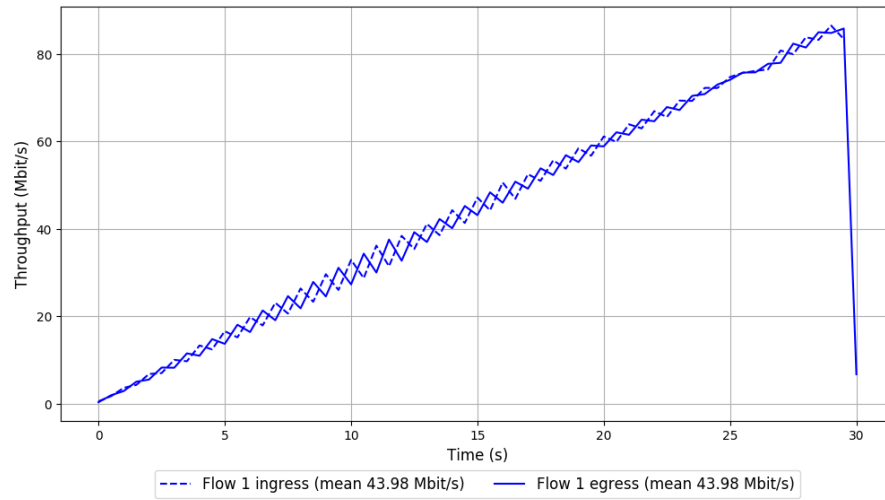


Run 8: Statistics of LEDBAT

Start at: 2017-08-17 00:21:54
End at: 2017-08-17 00:22:24
Local clock offset: 0.224 ms
Remote clock offset: -4.064 ms

Below is generated by plot.py at 2017-08-17 01:58:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 43.98 Mbit/s
95th percentile per-packet one-way delay: 49.649 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 43.98 Mbit/s
95th percentile per-packet one-way delay: 49.649 ms
Loss rate: 0.00%

Run 8: Report of LEDBAT — Data Link

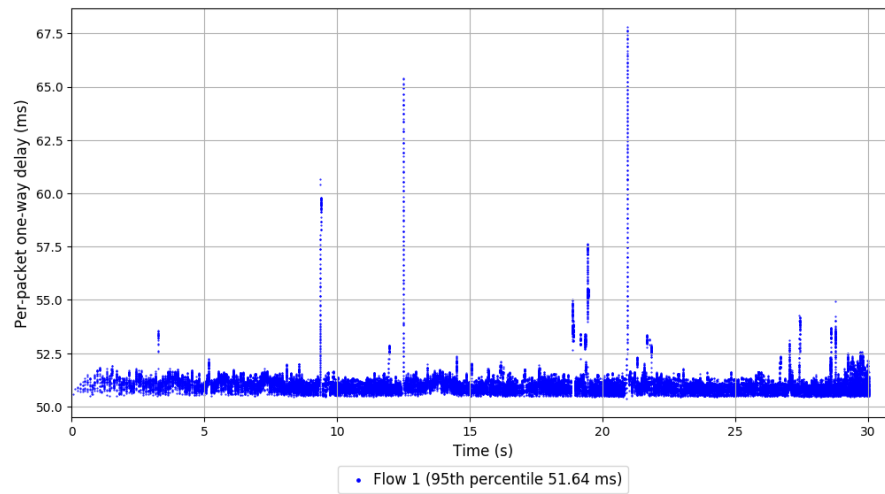
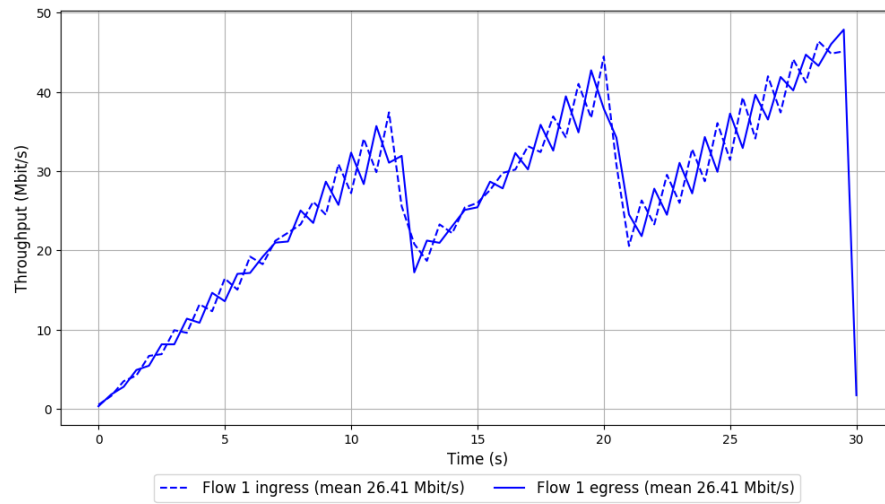


Run 9: Statistics of LEDBAT

Start at: 2017-08-17 00:42:31
End at: 2017-08-17 00:43:01
Local clock offset: 0.255 ms
Remote clock offset: -1.829 ms

Below is generated by plot.py at 2017-08-17 01:58:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 26.41 Mbit/s
95th percentile per-packet one-way delay: 51.638 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 26.41 Mbit/s
95th percentile per-packet one-way delay: 51.638 ms
Loss rate: 0.01%

Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: 2017-08-17 01:02:58

End at: 2017-08-17 01:03:28

Local clock offset: 0.355 ms

Remote clock offset: -0.863 ms

Below is generated by plot.py at 2017-08-17 01:58:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 46.18 Mbit/s

95th percentile per-packet one-way delay: 50.580 ms

Loss rate: 0.01%

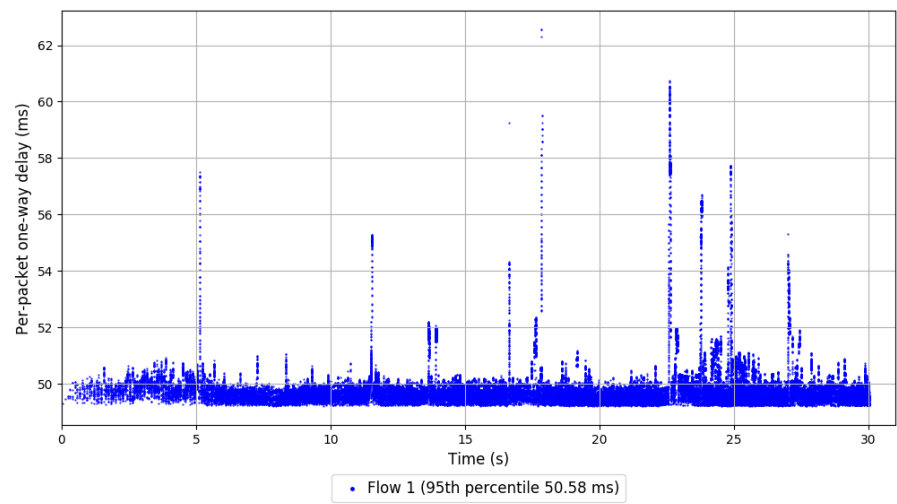
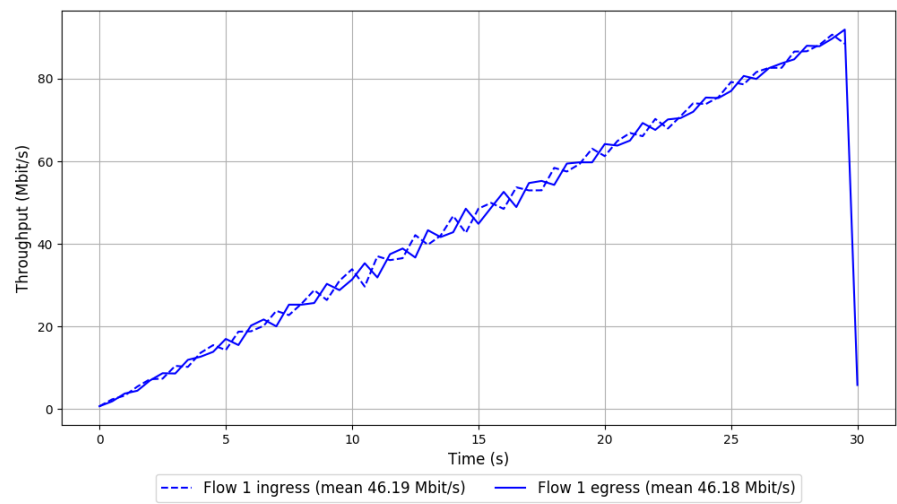
-- Flow 1:

Average throughput: 46.18 Mbit/s

95th percentile per-packet one-way delay: 50.580 ms

Loss rate: 0.01%

Run 10: Report of LEDBAT — Data Link



Run 1: Statistics of PCC

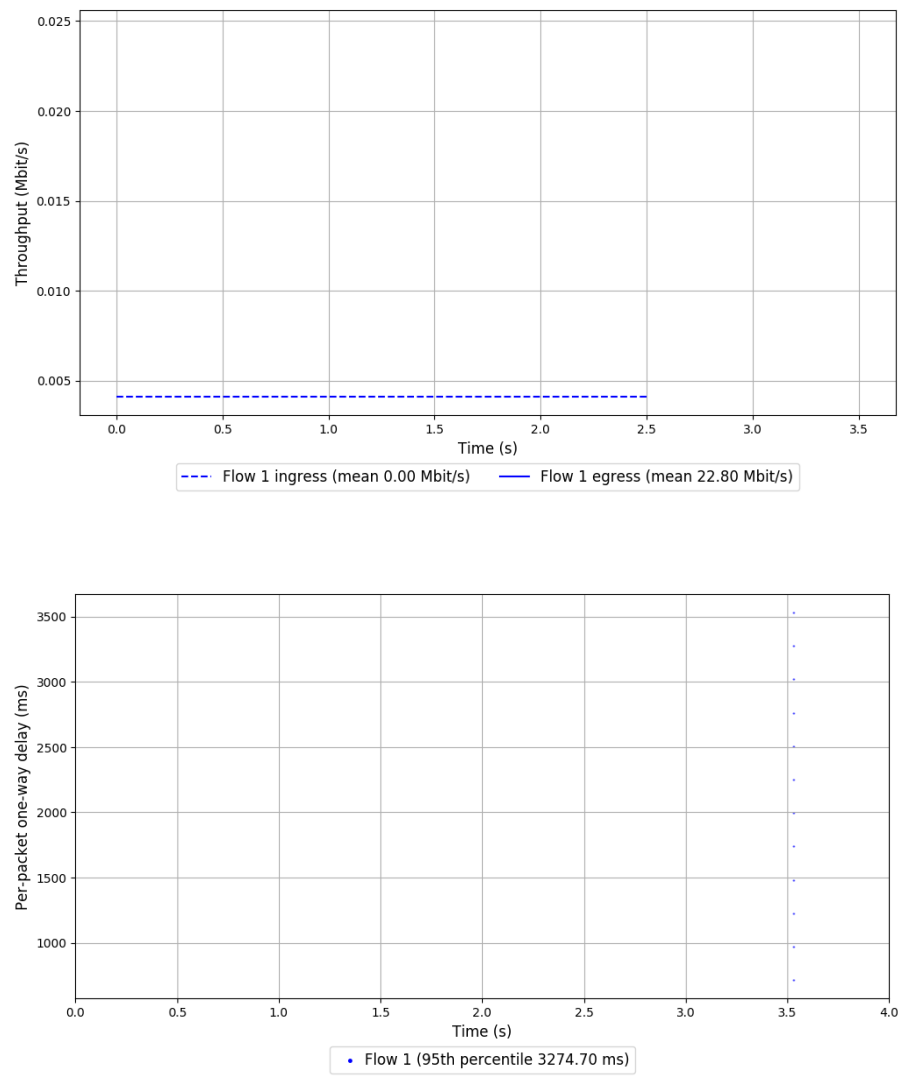
Start at: 2017-08-16 22:11:27

End at: 2017-08-16 22:11:57

Local clock offset: -0.474 ms

Remote clock offset: -0.521 ms

Run 1: Report of PCC — Data Link

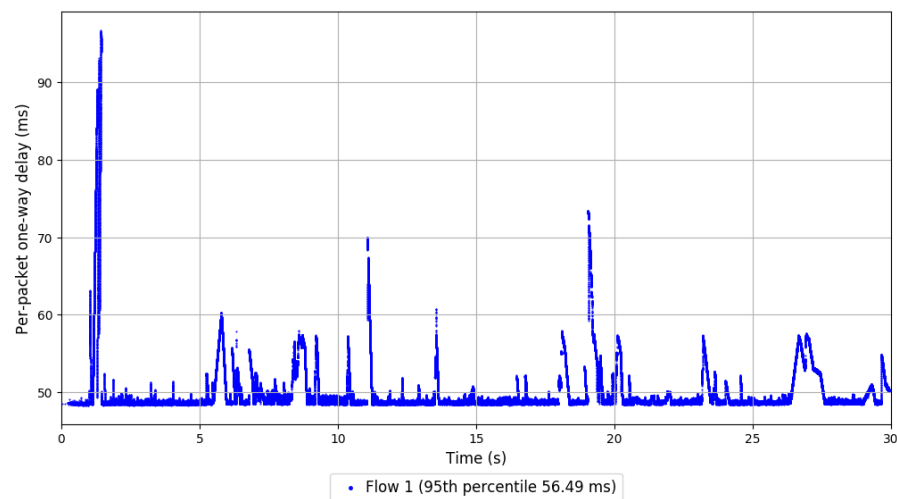
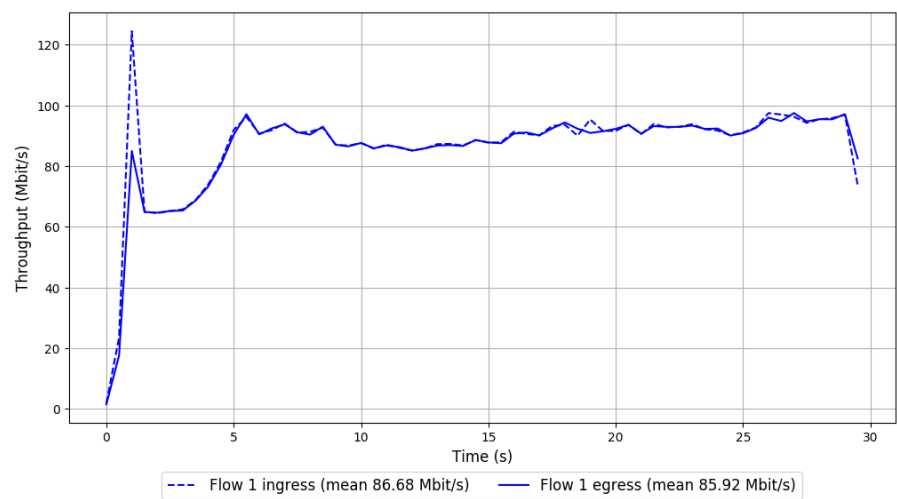


Run 2: Statistics of PCC

Start at: 2017-08-16 22:31:53
End at: 2017-08-16 22:32:23
Local clock offset: -0.425 ms
Remote clock offset: -3.564 ms

Below is generated by plot.py at 2017-08-17 01:58:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 85.92 Mbit/s
95th percentile per-packet one-way delay: 56.489 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 85.92 Mbit/s
95th percentile per-packet one-way delay: 56.489 ms
Loss rate: 0.89%

Run 2: Report of PCC — Data Link

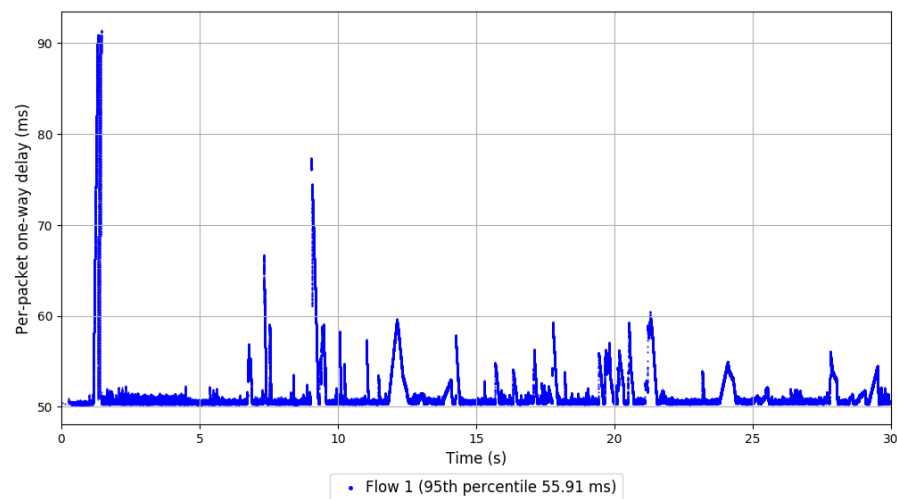
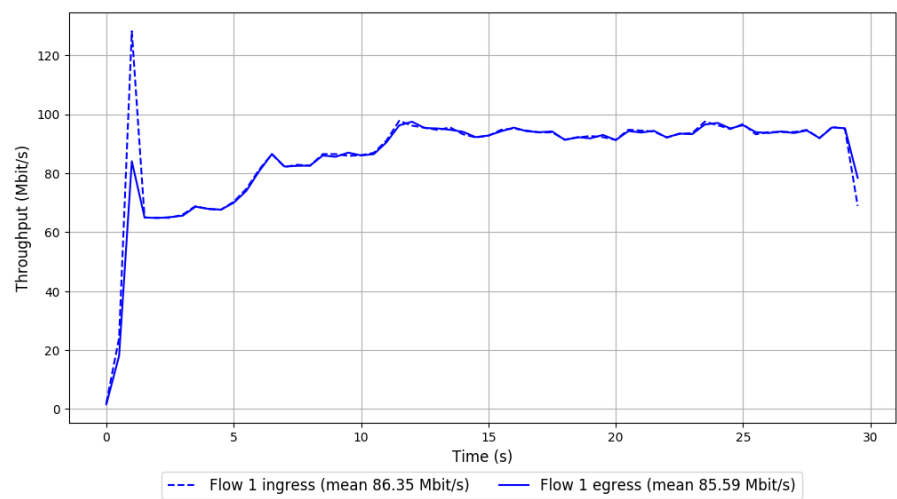


Run 3: Statistics of PCC

Start at: 2017-08-16 22:52:59
End at: 2017-08-16 22:53:29
Local clock offset: -0.363 ms
Remote clock offset: -1.631 ms

Below is generated by plot.py at 2017-08-17 01:58:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 85.59 Mbit/s
95th percentile per-packet one-way delay: 55.913 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 85.59 Mbit/s
95th percentile per-packet one-way delay: 55.913 ms
Loss rate: 0.88%

Run 3: Report of PCC — Data Link



Run 4: Statistics of PCC

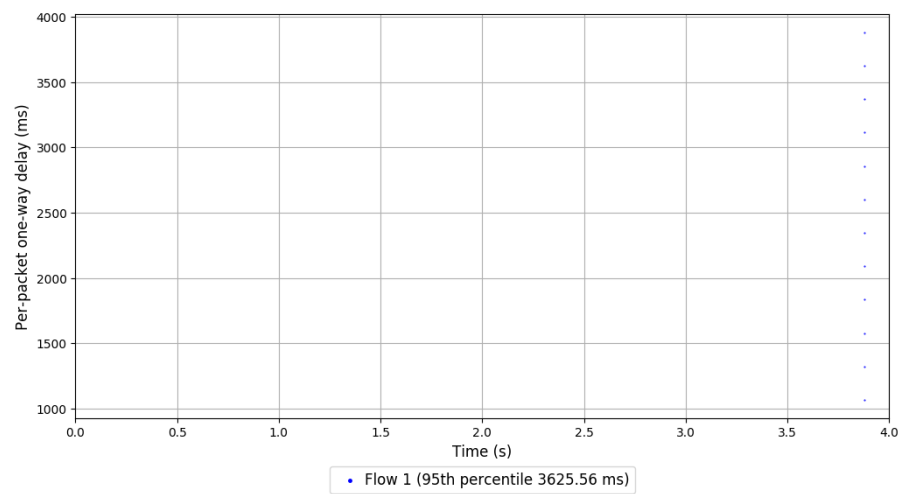
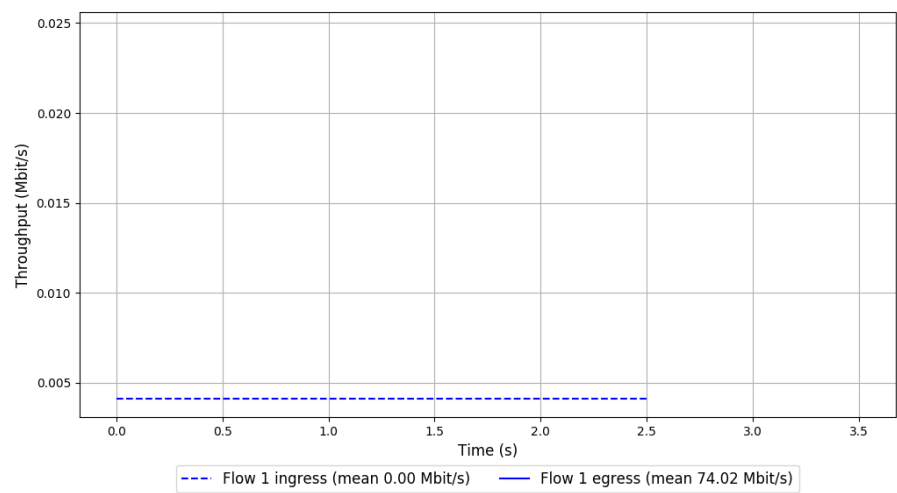
Start at: 2017-08-16 23:13:28

End at: 2017-08-16 23:13:58

Local clock offset: -0.05 ms

Remote clock offset: -1.101 ms

Run 4: Report of PCC — Data Link

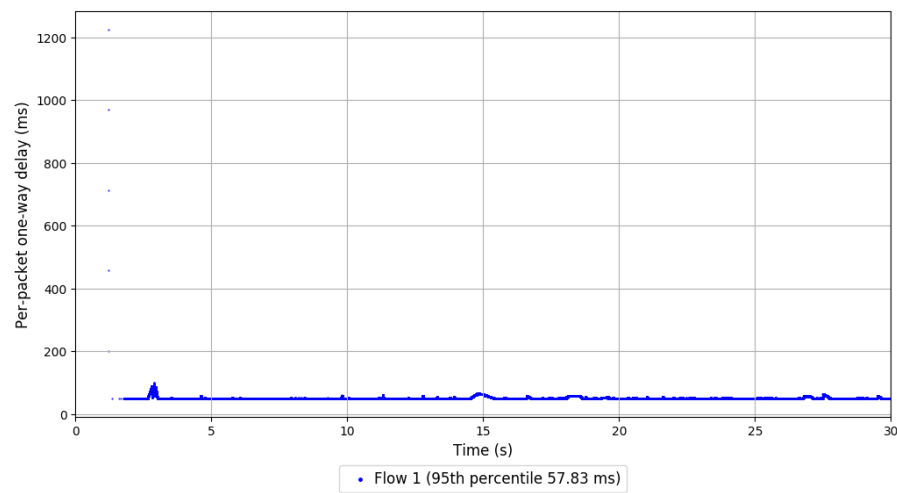
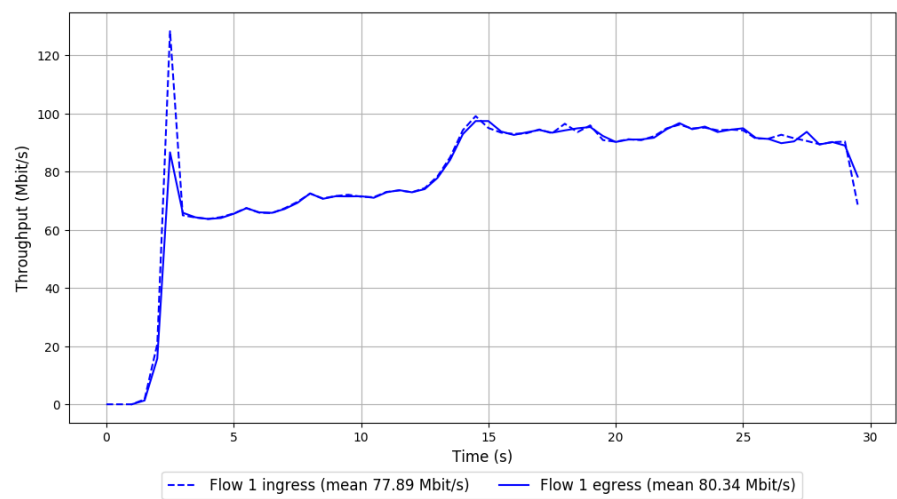


Run 5: Statistics of PCC

Start at: 2017-08-16 23:33:58
End at: 2017-08-16 23:34:28
Local clock offset: 0.248 ms
Remote clock offset: -1.472 ms

Below is generated by plot.py at 2017-08-17 01:59:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.34 Mbit/s
95th percentile per-packet one-way delay: 57.827 ms
Loss rate: 0.92%
-- Flow 1:
Average throughput: 80.34 Mbit/s
95th percentile per-packet one-way delay: 57.827 ms
Loss rate: 0.92%

Run 5: Report of PCC — Data Link

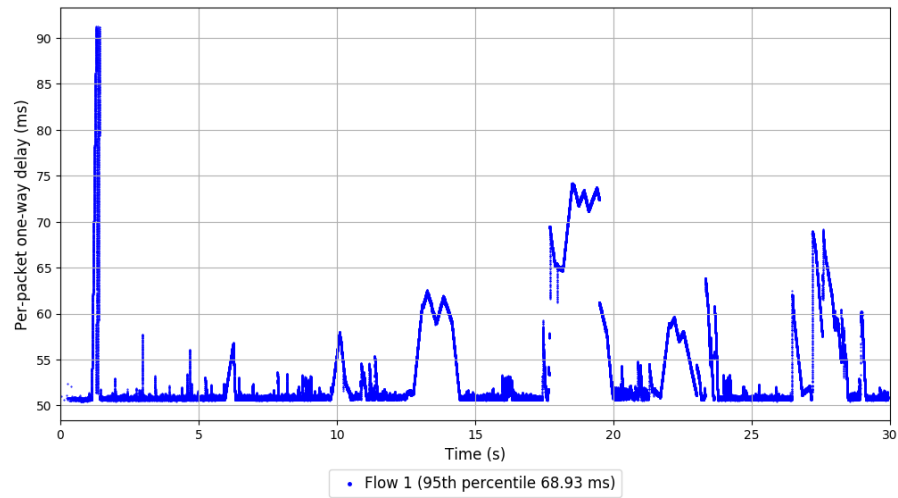
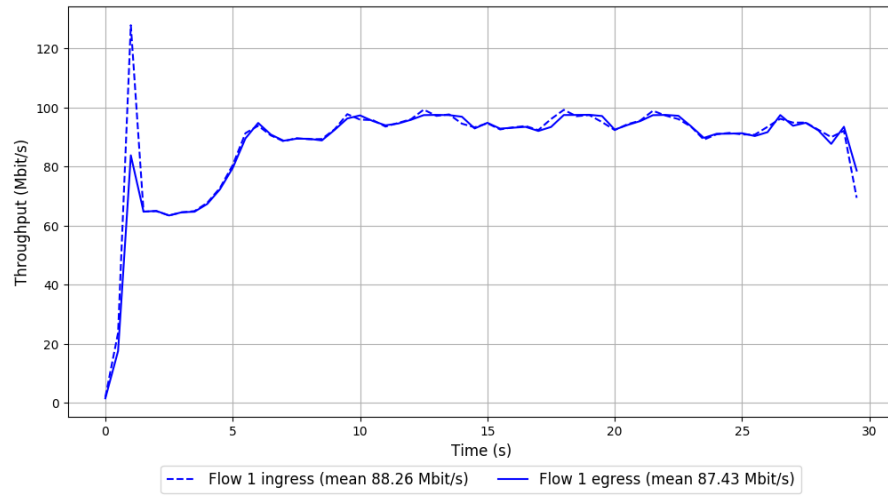


Run 6: Statistics of PCC

Start at: 2017-08-16 23:54:42
End at: 2017-08-16 23:55:12
Local clock offset: 0.322 ms
Remote clock offset: -1.871 ms

Below is generated by plot.py at 2017-08-17 01:59:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.43 Mbit/s
95th percentile per-packet one-way delay: 68.927 ms
Loss rate: 0.94%
-- Flow 1:
Average throughput: 87.43 Mbit/s
95th percentile per-packet one-way delay: 68.927 ms
Loss rate: 0.94%

Run 6: Report of PCC — Data Link

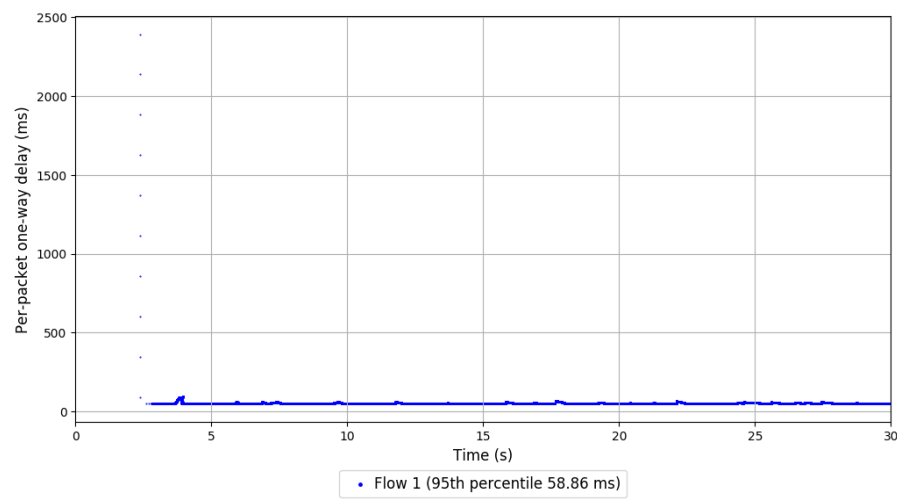
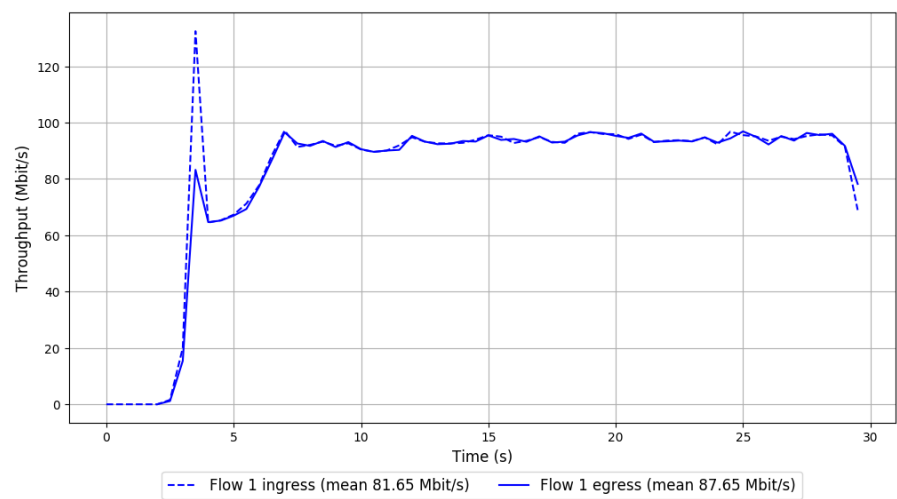


Run 7: Statistics of PCC

Start at: 2017-08-17 00:15:05
End at: 2017-08-17 00:15:35
Local clock offset: 0.254 ms
Remote clock offset: -2.099 ms

Below is generated by plot.py at 2017-08-17 01:59:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.65 Mbit/s
95th percentile per-packet one-way delay: 58.864 ms
Loss rate: 1.05%
-- Flow 1:
Average throughput: 87.65 Mbit/s
95th percentile per-packet one-way delay: 58.864 ms
Loss rate: 1.05%

Run 7: Report of PCC — Data Link

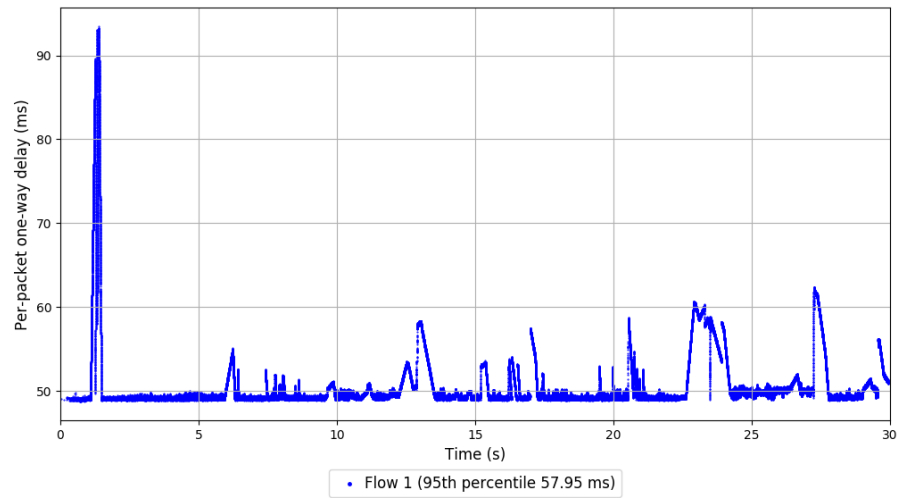
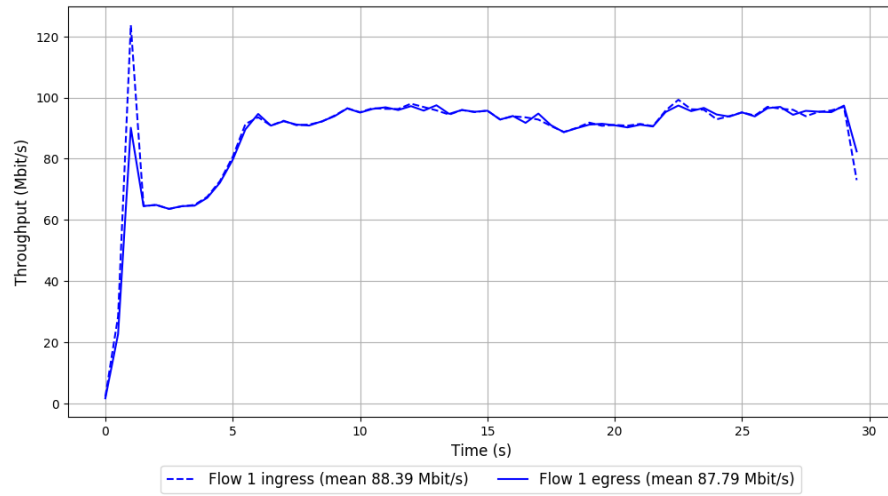


Run 8: Statistics of PCC

Start at: 2017-08-17 00:35:36
End at: 2017-08-17 00:36:06
Local clock offset: 0.258 ms
Remote clock offset: -1.889 ms

Below is generated by plot.py at 2017-08-17 01:59:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.79 Mbit/s
95th percentile per-packet one-way delay: 57.947 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 87.79 Mbit/s
95th percentile per-packet one-way delay: 57.947 ms
Loss rate: 0.67%

Run 8: Report of PCC — Data Link

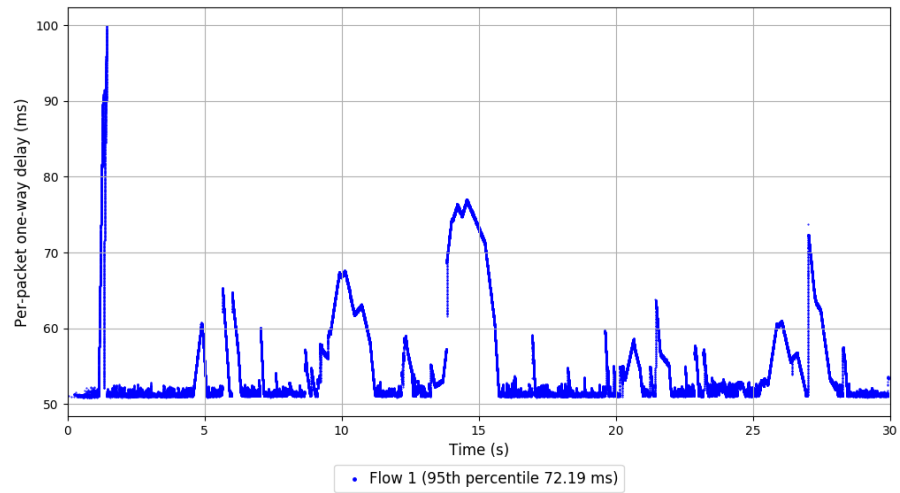
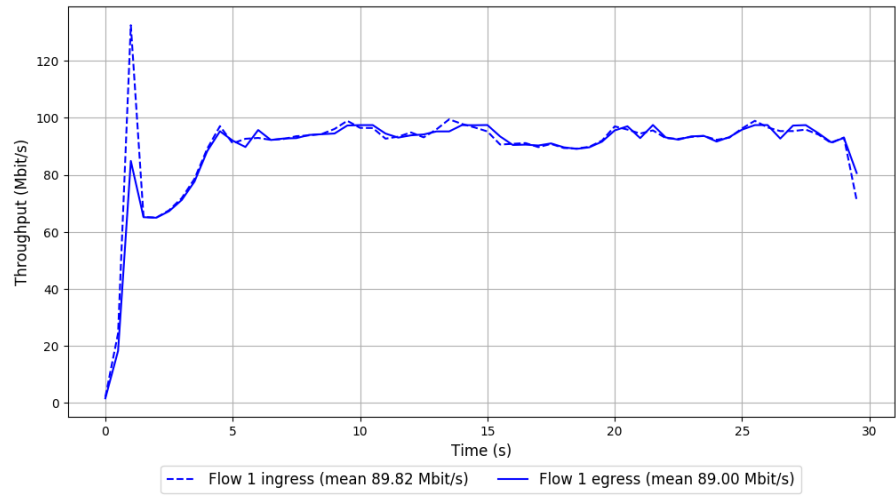


Run 9: Statistics of PCC

Start at: 2017-08-17 00:56:01
End at: 2017-08-17 00:56:31
Local clock offset: 0.363 ms
Remote clock offset: -0.828 ms

Below is generated by plot.py at 2017-08-17 01:59:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.00 Mbit/s
95th percentile per-packet one-way delay: 72.195 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 89.00 Mbit/s
95th percentile per-packet one-way delay: 72.195 ms
Loss rate: 0.91%

Run 9: Report of PCC — Data Link

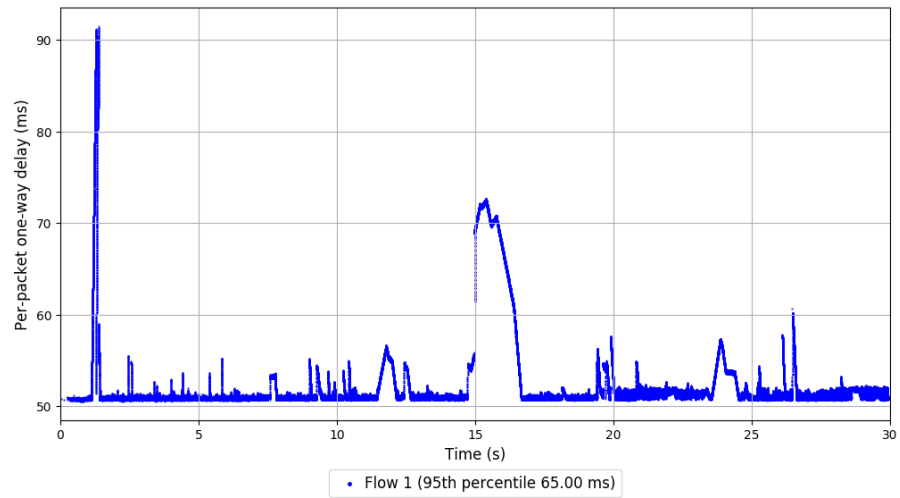
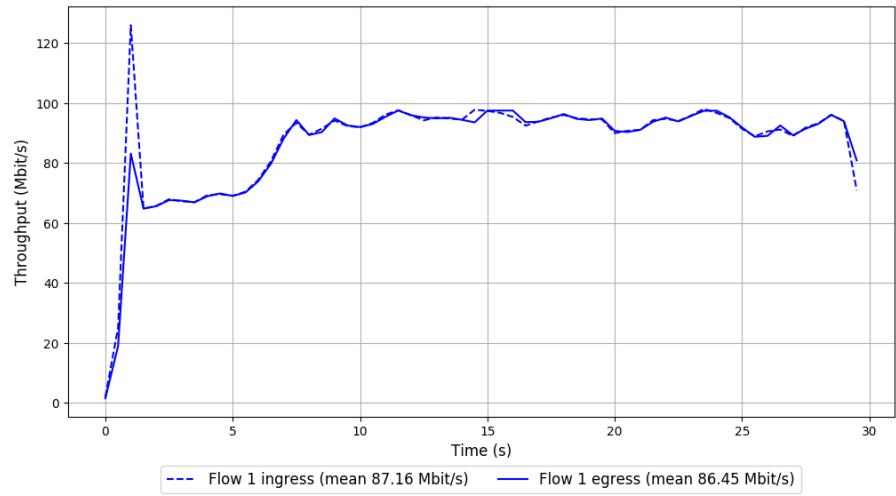


Run 10: Statistics of PCC

Start at: 2017-08-17 01:16:40
End at: 2017-08-17 01:17:10
Local clock offset: 0.37 ms
Remote clock offset: -0.845 ms

Below is generated by plot.py at 2017-08-17 01:59:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.45 Mbit/s
95th percentile per-packet one-way delay: 64.999 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 86.45 Mbit/s
95th percentile per-packet one-way delay: 64.999 ms
Loss rate: 0.82%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

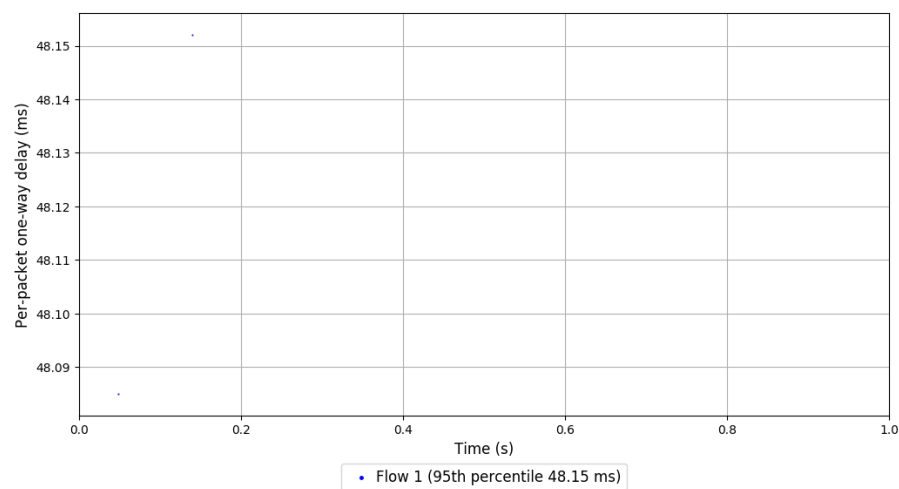
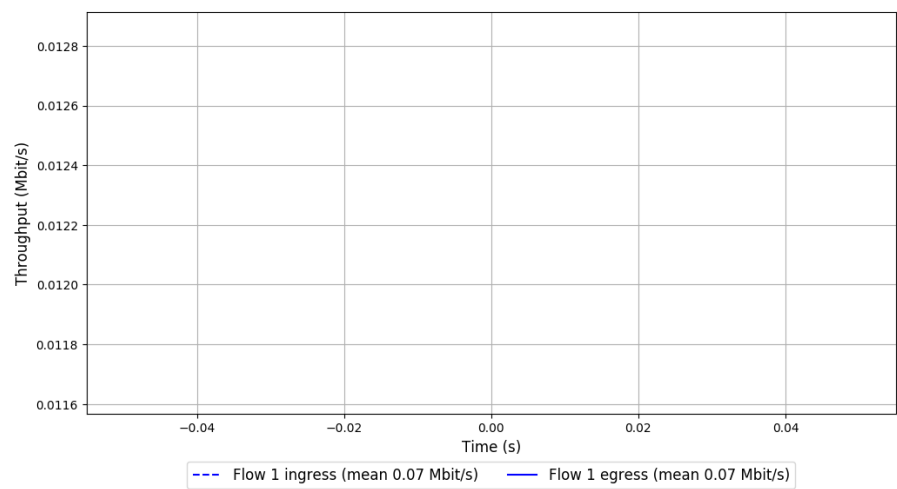
Start at: 2017-08-16 22:07:30

End at: 2017-08-16 22:08:00

Local clock offset: -0.498 ms

Remote clock offset: -2.931 ms

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2017-08-16 22:27:42

End at: 2017-08-16 22:28:12

Local clock offset: -0.437 ms

Remote clock offset: -1.56 ms

Below is generated by plot.py at 2017-08-17 01:59:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 46.12 Mbit/s

95th percentile per-packet one-way delay: 57.499 ms

Loss rate: 0.63%

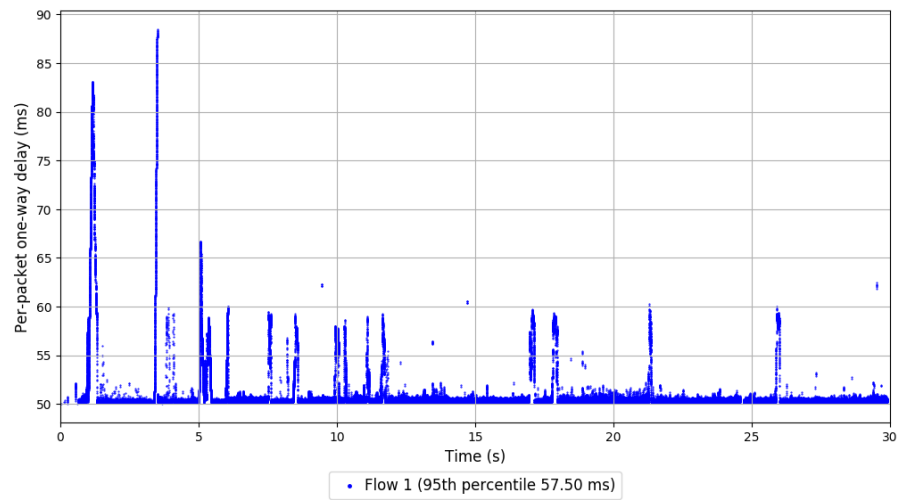
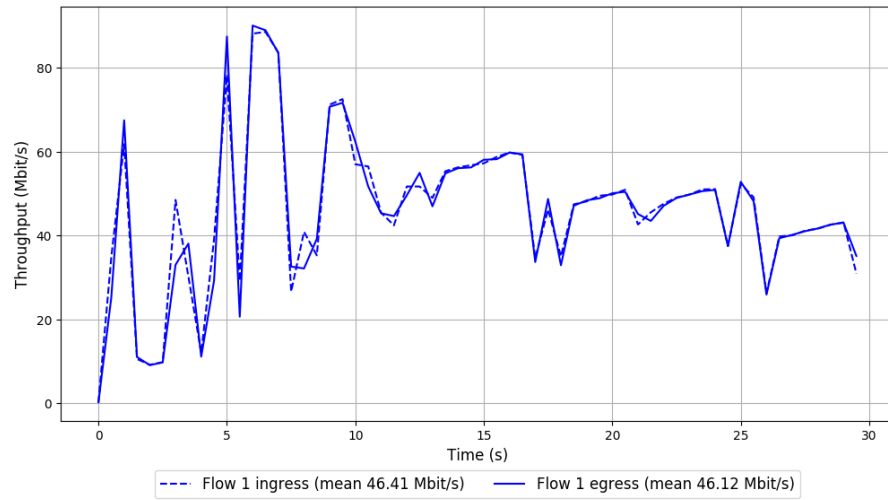
-- Flow 1:

Average throughput: 46.12 Mbit/s

95th percentile per-packet one-way delay: 57.499 ms

Loss rate: 0.63%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

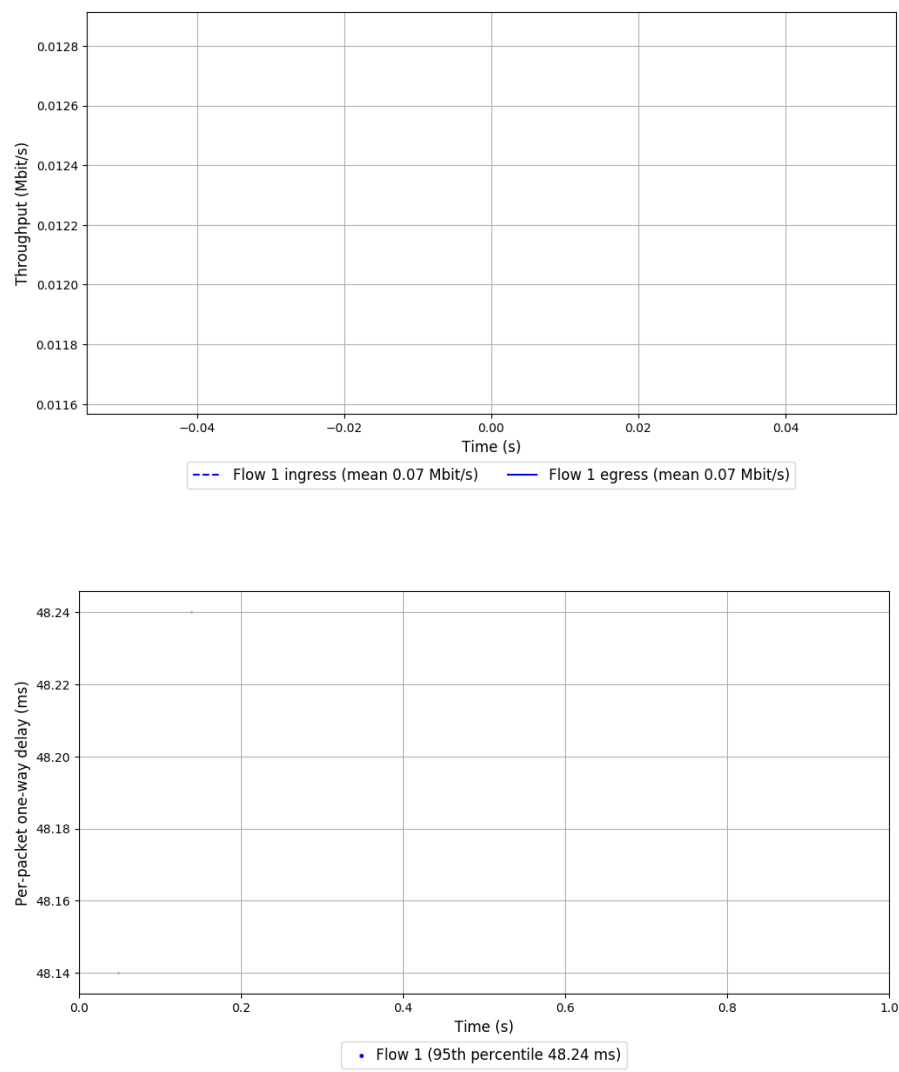
Start at: 2017-08-16 22:48:55

End at: 2017-08-16 22:49:25

Local clock offset: -0.325 ms

Remote clock offset: -3.678 ms

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2017-08-16 23:09:28

End at: 2017-08-16 23:09:58

Local clock offset: -0.171 ms

Remote clock offset: -3.609 ms

Below is generated by plot.py at 2017-08-17 01:59:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 65.75 Mbit/s

95th percentile per-packet one-way delay: 53.862 ms

Loss rate: 0.44%

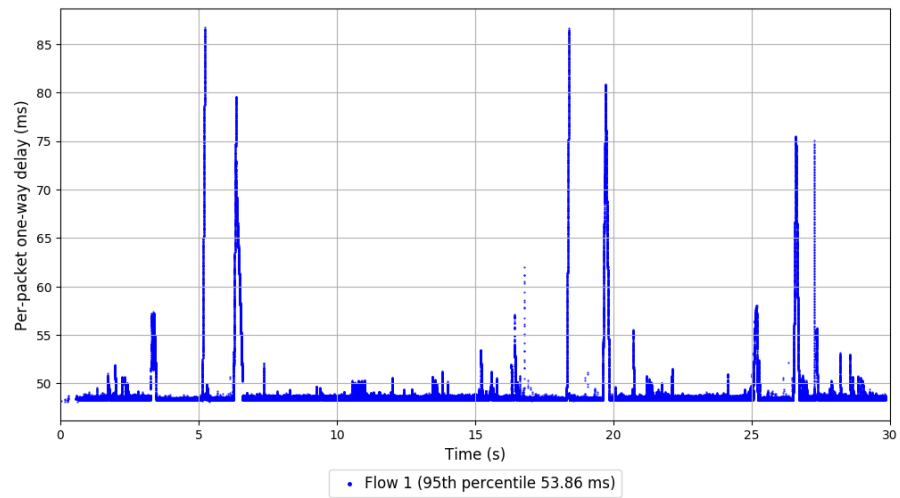
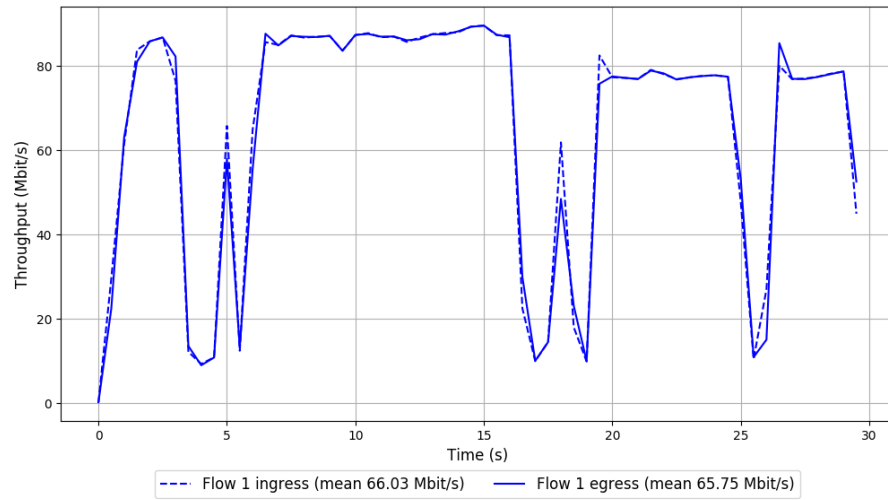
-- Flow 1:

Average throughput: 65.75 Mbit/s

95th percentile per-packet one-way delay: 53.862 ms

Loss rate: 0.44%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

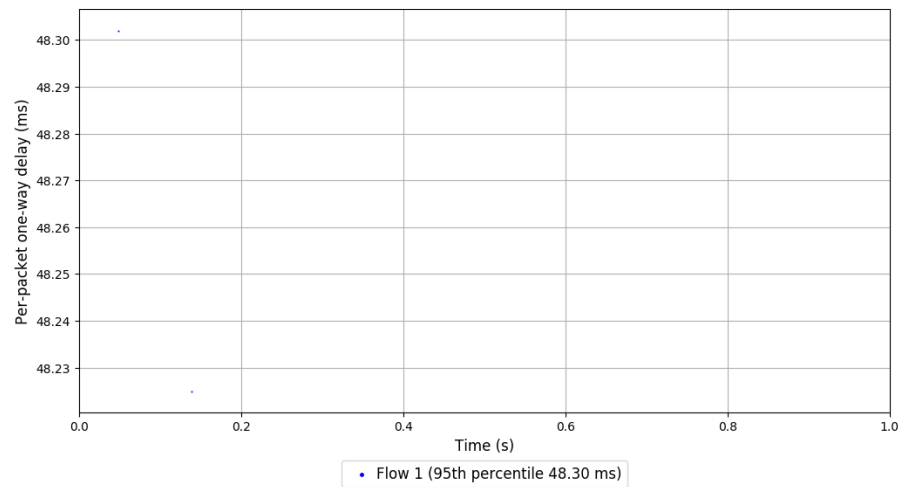
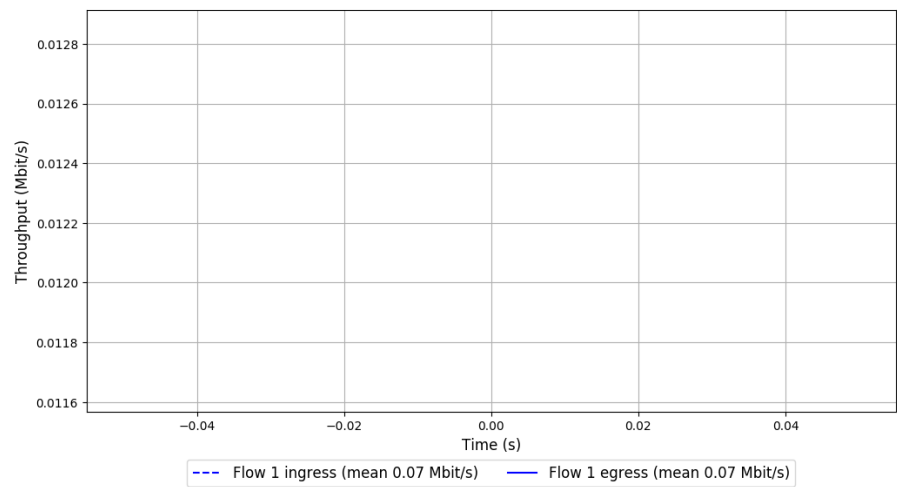
Start at: 2017-08-16 23:29:59

End at: 2017-08-16 23:30:29

Local clock offset: 0.109 ms

Remote clock offset: -4.021 ms

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2017-08-16 23:50:34

End at: 2017-08-16 23:51:04

Local clock offset: 0.337 ms

Remote clock offset: -4.05 ms

Below is generated by plot.py at 2017-08-17 01:59:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 65.72 Mbit/s

95th percentile per-packet one-way delay: 52.625 ms

Loss rate: 0.26%

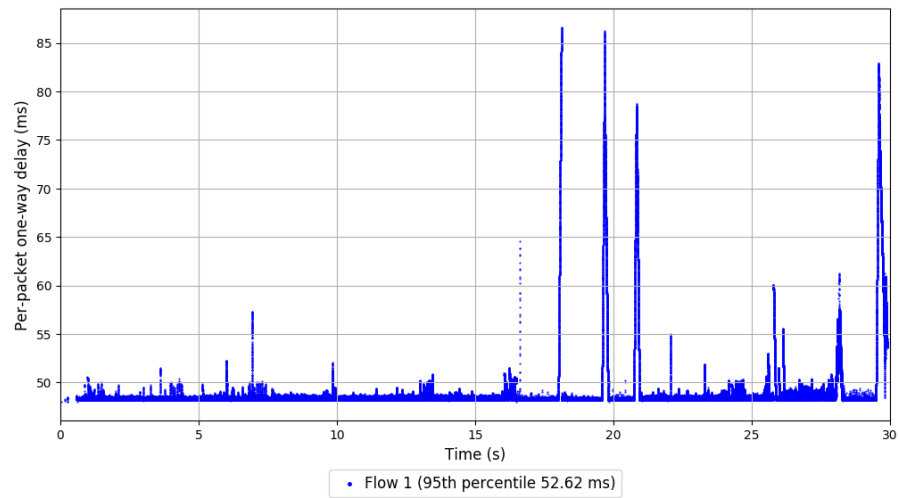
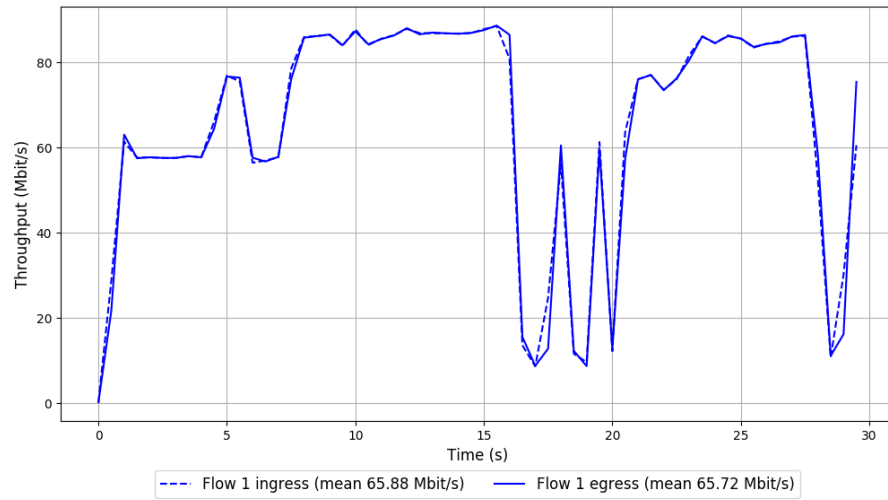
-- Flow 1:

Average throughput: 65.72 Mbit/s

95th percentile per-packet one-way delay: 52.625 ms

Loss rate: 0.26%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

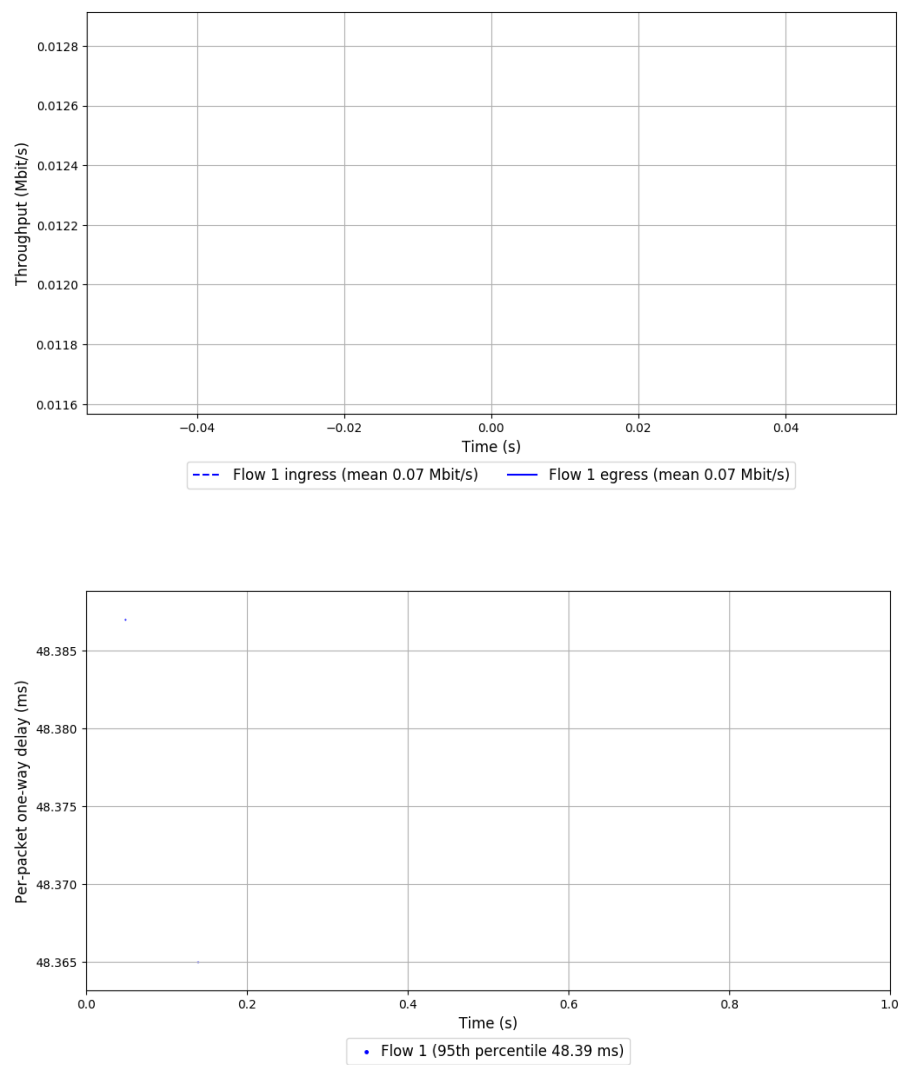
Start at: 2017-08-17 00:11:05

End at: 2017-08-17 00:11:35

Local clock offset: 0.342 ms

Remote clock offset: -4.118 ms

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2017-08-17 00:31:27

End at: 2017-08-17 00:31:57

Local clock offset: 0.27 ms

Remote clock offset: -1.467 ms

Below is generated by plot.py at 2017-08-17 01:59:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 67.11 Mbit/s

95th percentile per-packet one-way delay: 58.349 ms

Loss rate: 0.05%

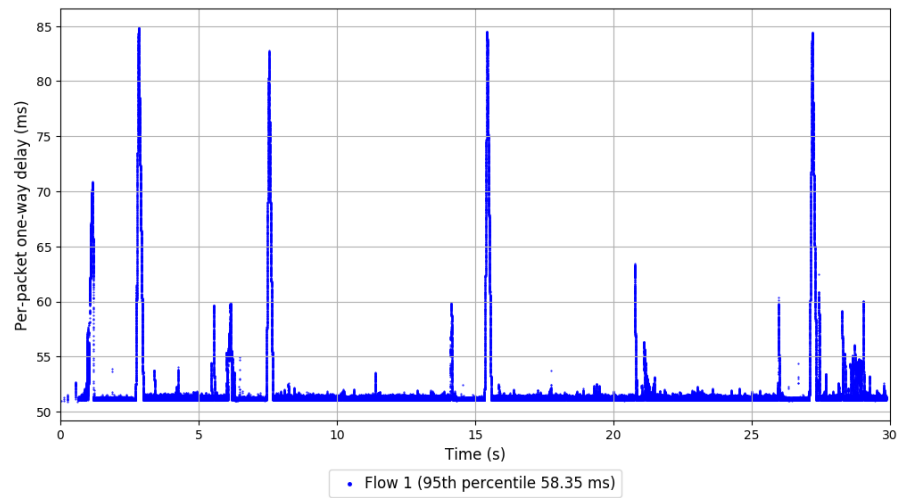
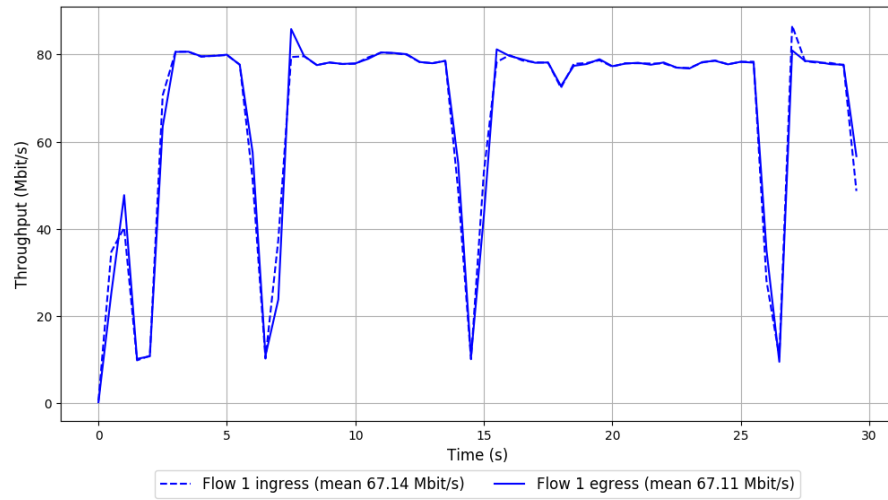
-- Flow 1:

Average throughput: 67.11 Mbit/s

95th percentile per-packet one-way delay: 58.349 ms

Loss rate: 0.05%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2017-08-17 00:52:00

End at: 2017-08-17 00:52:30

Local clock offset: 0.327 ms

Remote clock offset: -1.451 ms

Below is generated by plot.py at 2017-08-17 01:59:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 66.91 Mbit/s

95th percentile per-packet one-way delay: 59.338 ms

Loss rate: 0.25%

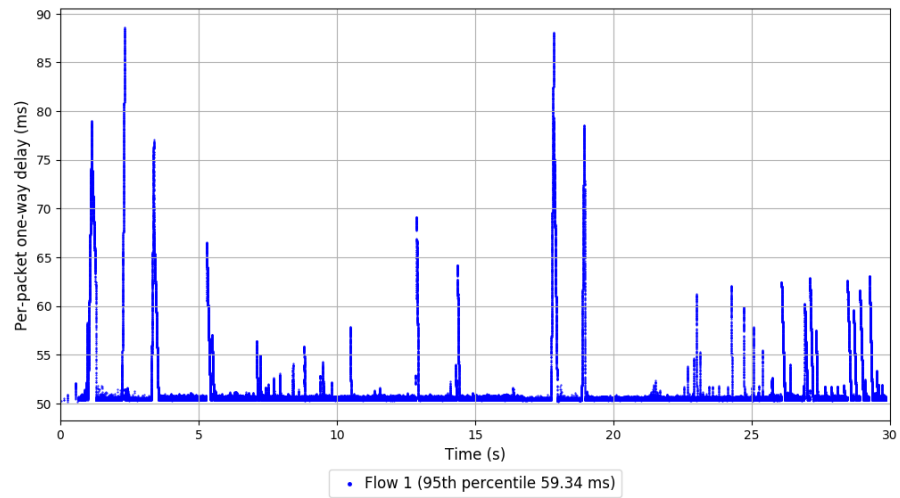
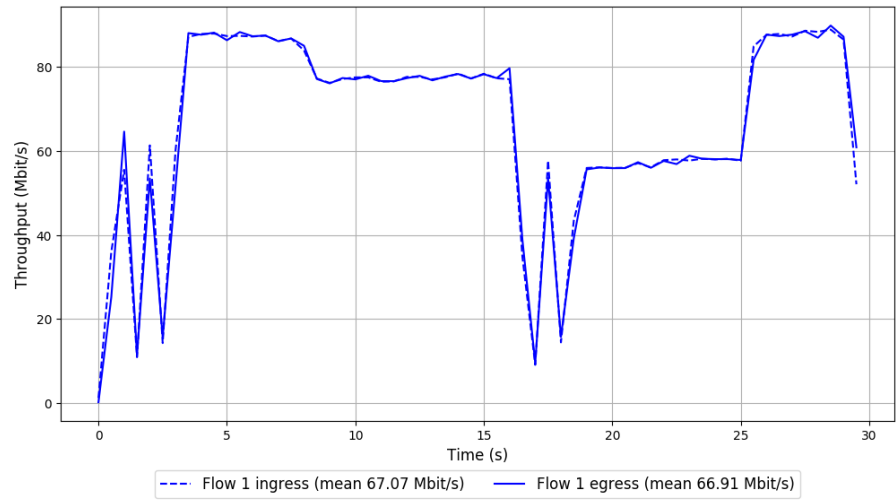
-- Flow 1:

Average throughput: 66.91 Mbit/s

95th percentile per-packet one-way delay: 59.338 ms

Loss rate: 0.25%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2017-08-17 01:12:38

End at: 2017-08-17 01:13:08

Local clock offset: 0.377 ms

Remote clock offset: -3.369 ms

Below is generated by plot.py at 2017-08-17 02:00:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.36 Mbit/s

95th percentile per-packet one-way delay: 51.838 ms

Loss rate: 0.31%

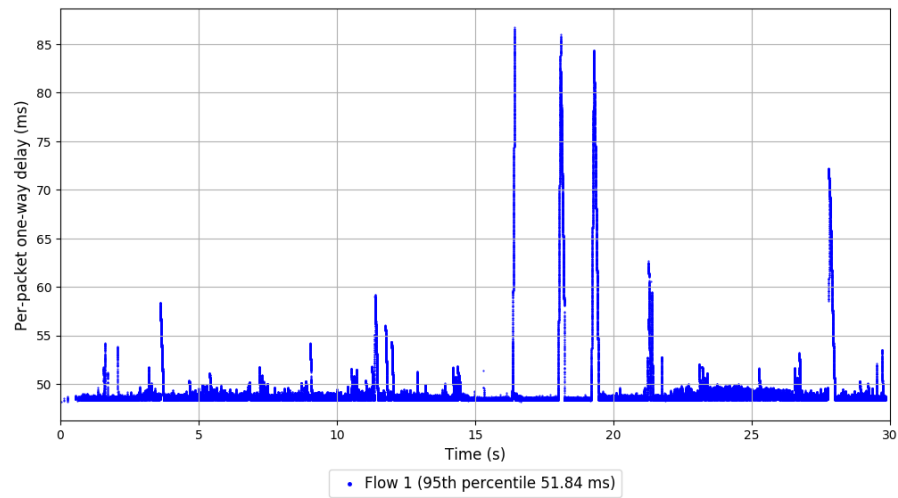
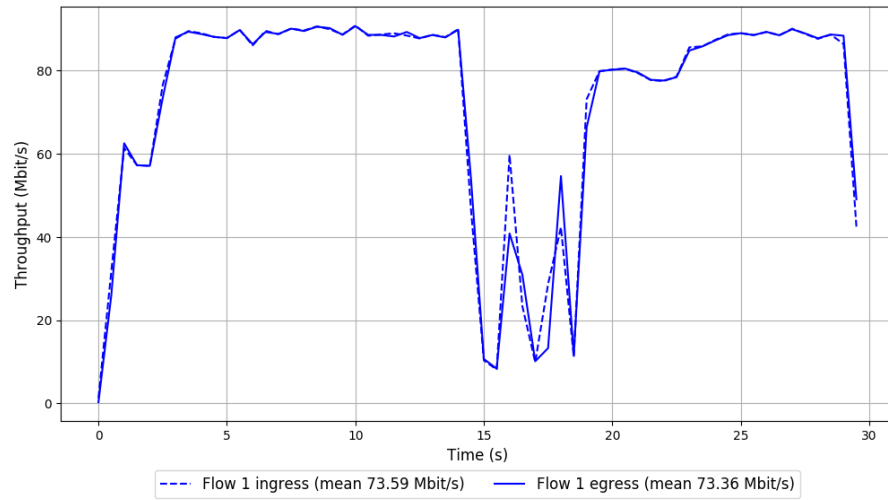
-- Flow 1:

Average throughput: 73.36 Mbit/s

95th percentile per-packet one-way delay: 51.838 ms

Loss rate: 0.31%

Run 10: Report of QUIC Cubic — Data Link

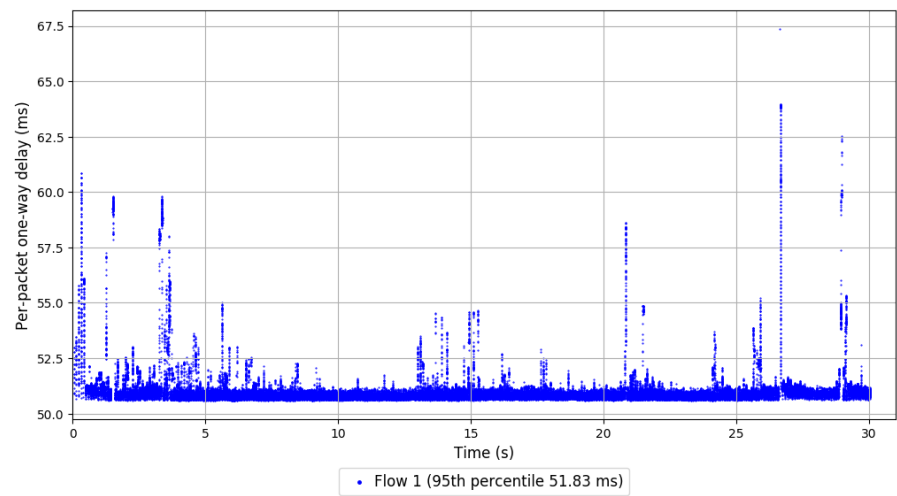
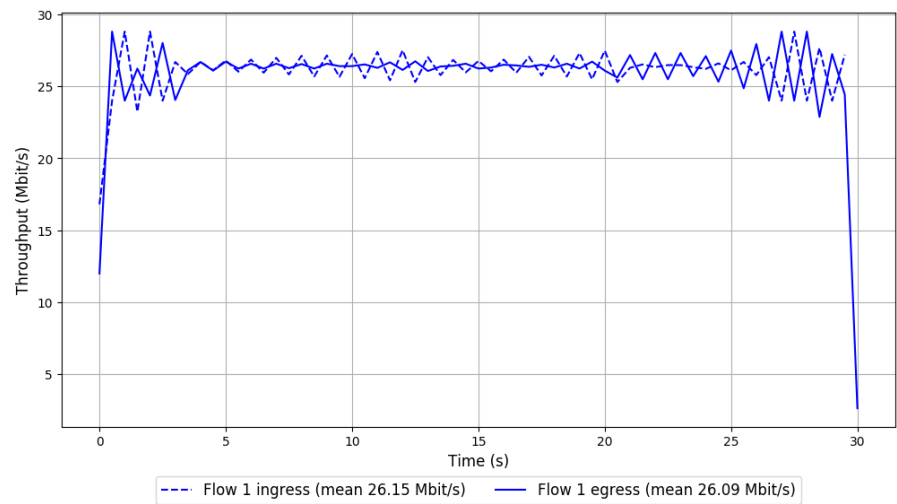


Run 1: Statistics of Saturator

Start at: 2017-08-16 22:10:07
End at: 2017-08-16 22:10:37
Local clock offset: -0.561 ms
Remote clock offset: -0.882 ms

Below is generated by plot.py at 2017-08-17 02:00:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 26.09 Mbit/s
95th percentile per-packet one-way delay: 51.829 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 26.09 Mbit/s
95th percentile per-packet one-way delay: 51.829 ms
Loss rate: 0.23%

Run 1: Report of Saturator — Data Link

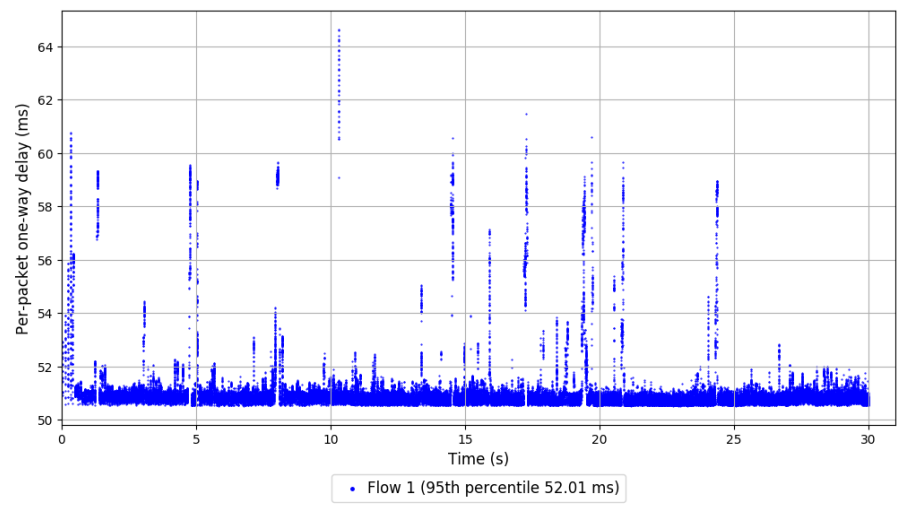
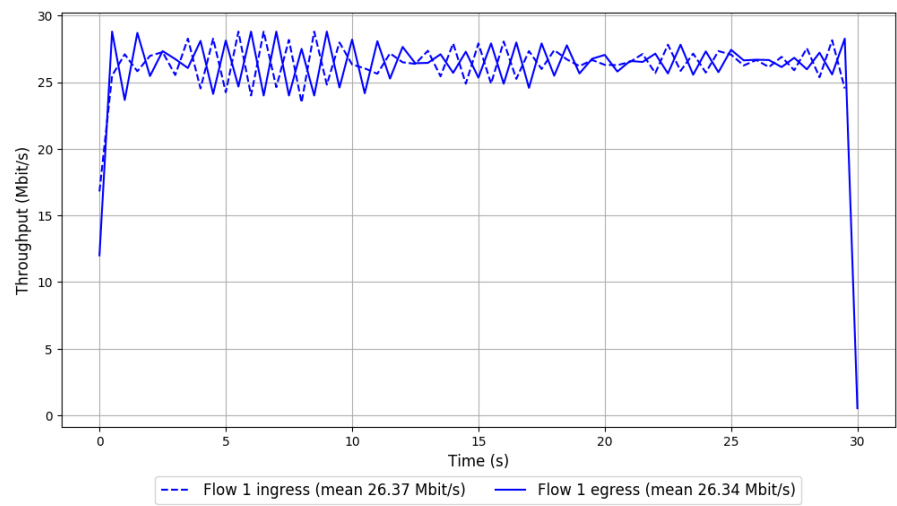


Run 2: Statistics of Saturator

Start at: 2017-08-16 22:30:33
End at: 2017-08-16 22:31:03
Local clock offset: -0.519 ms
Remote clock offset: -1.348 ms

Below is generated by plot.py at 2017-08-17 02:00:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 26.34 Mbit/s
95th percentile per-packet one-way delay: 52.012 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 26.34 Mbit/s
95th percentile per-packet one-way delay: 52.012 ms
Loss rate: 0.13%

Run 2: Report of Saturator — Data Link

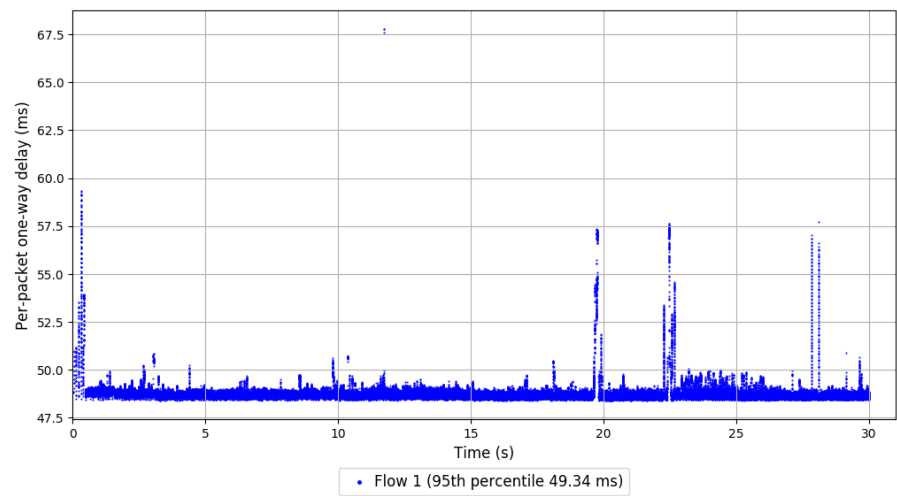
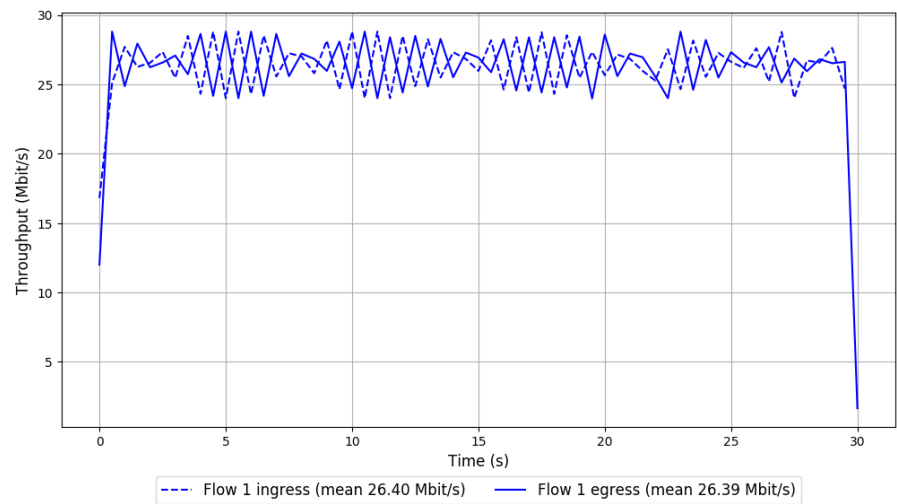


Run 3: Statistics of Saturator

Start at: 2017-08-16 22:51:37
End at: 2017-08-16 22:52:08
Local clock offset: -0.375 ms
Remote clock offset: -3.782 ms

Below is generated by plot.py at 2017-08-17 02:00:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 26.39 Mbit/s
95th percentile per-packet one-way delay: 49.342 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 26.39 Mbit/s
95th percentile per-packet one-way delay: 49.342 ms
Loss rate: 0.03%

Run 3: Report of Saturator — Data Link



Run 4: Statistics of Saturator

Start at: 2017-08-16 23:12:09

End at: 2017-08-16 23:12:39

Local clock offset: -0.058 ms

Remote clock offset: -1.04 ms

Below is generated by plot.py at 2017-08-17 02:00:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 26.28 Mbit/s

95th percentile per-packet one-way delay: 51.502 ms

Loss rate: 0.00%

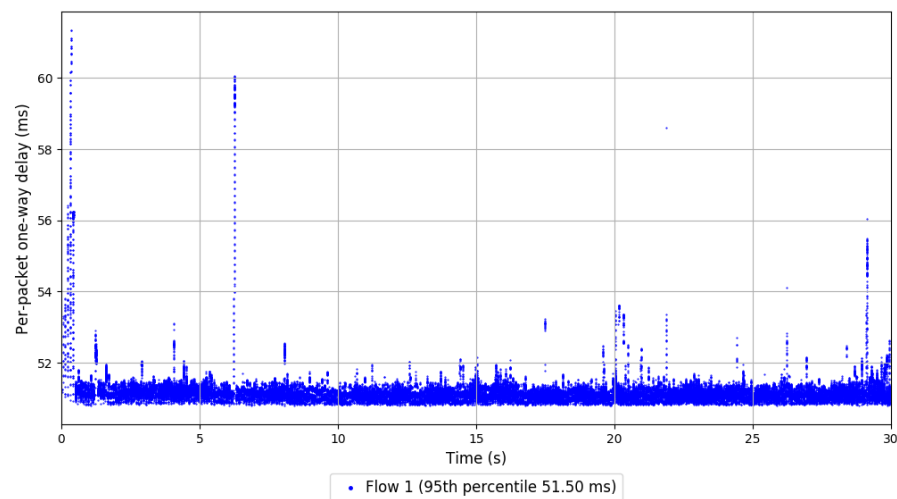
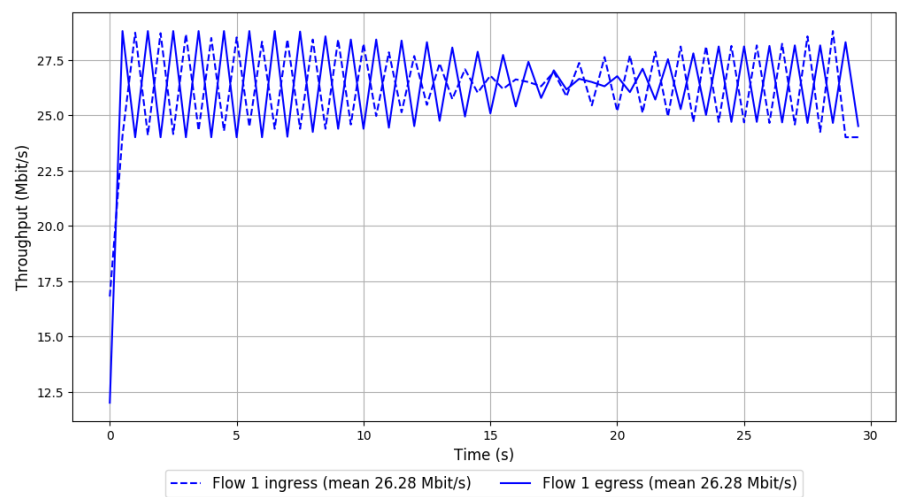
-- Flow 1:

Average throughput: 26.28 Mbit/s

95th percentile per-packet one-way delay: 51.502 ms

Loss rate: 0.00%

Run 4: Report of Saturator — Data Link

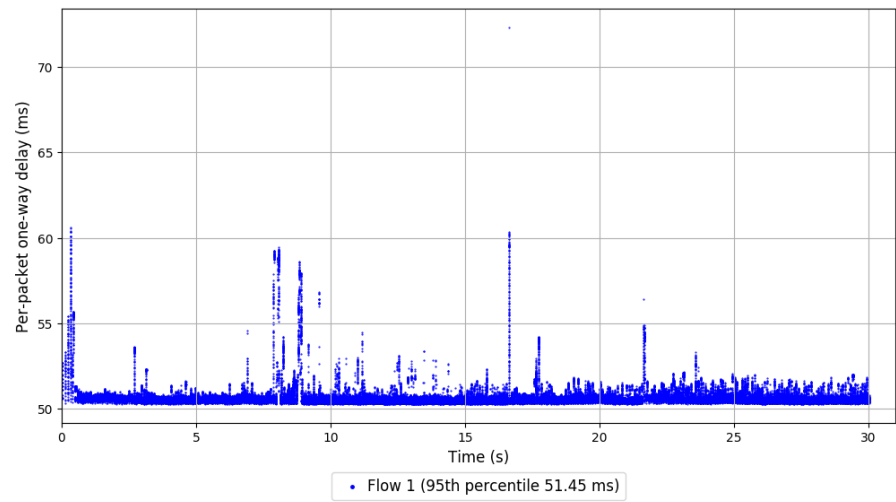
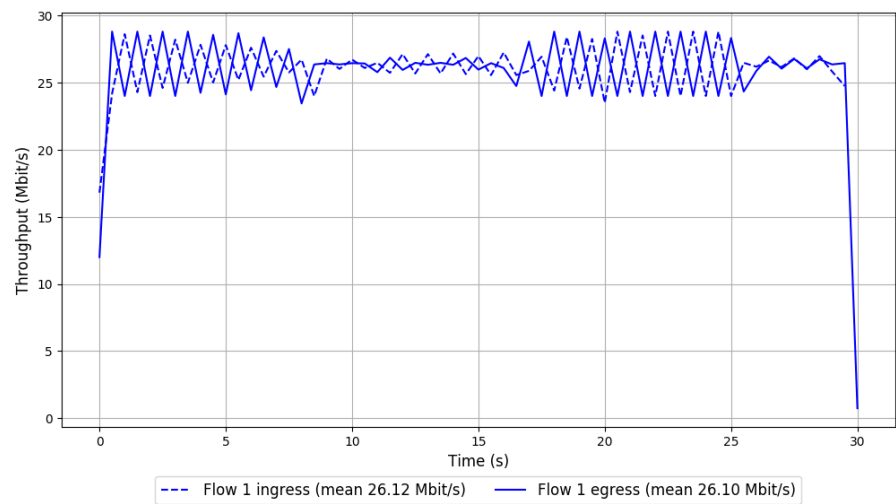


Run 5: Statistics of Saturator

Start at: 2017-08-16 23:32:38
End at: 2017-08-16 23:33:08
Local clock offset: 0.21 ms
Remote clock offset: -1.828 ms

Below is generated by plot.py at 2017-08-17 02:00:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 26.10 Mbit/s
95th percentile per-packet one-way delay: 51.450 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 26.10 Mbit/s
95th percentile per-packet one-way delay: 51.450 ms
Loss rate: 0.05%

Run 5: Report of Saturator — Data Link

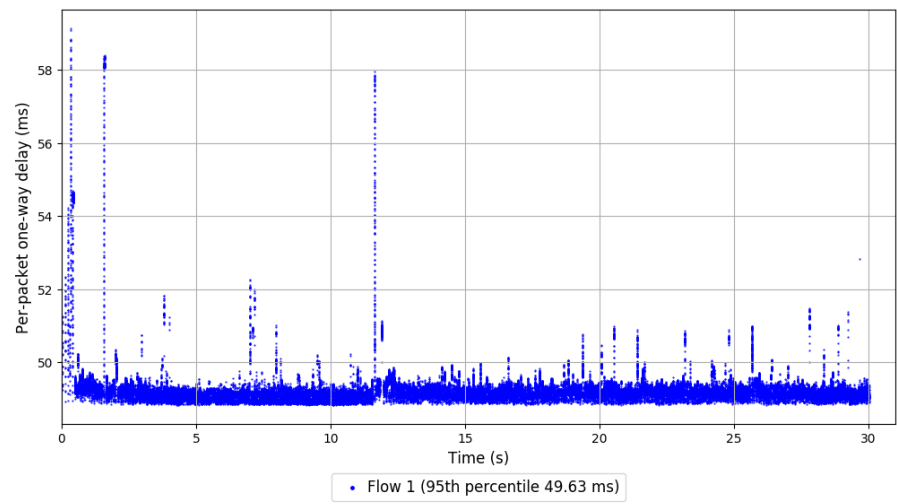
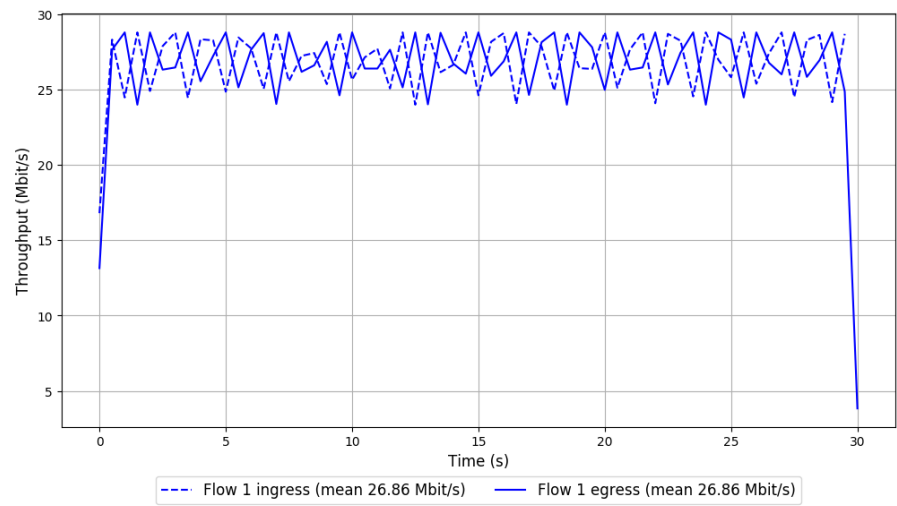


Run 6: Statistics of Saturator

Start at: 2017-08-16 23:53:22
End at: 2017-08-16 23:53:52
Local clock offset: 0.326 ms
Remote clock offset: -1.949 ms

Below is generated by plot.py at 2017-08-17 02:00:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 26.86 Mbit/s
95th percentile per-packet one-way delay: 49.631 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 26.86 Mbit/s
95th percentile per-packet one-way delay: 49.631 ms
Loss rate: 0.00%

Run 6: Report of Saturator — Data Link



Run 7: Statistics of Saturator

Start at: 2017-08-17 00:13:45

End at: 2017-08-17 00:14:15

Local clock offset: 0.335 ms

Remote clock offset: -1.57 ms

Below is generated by plot.py at 2017-08-17 02:00:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 26.50 Mbit/s

95th percentile per-packet one-way delay: 51.633 ms

Loss rate: 0.00%

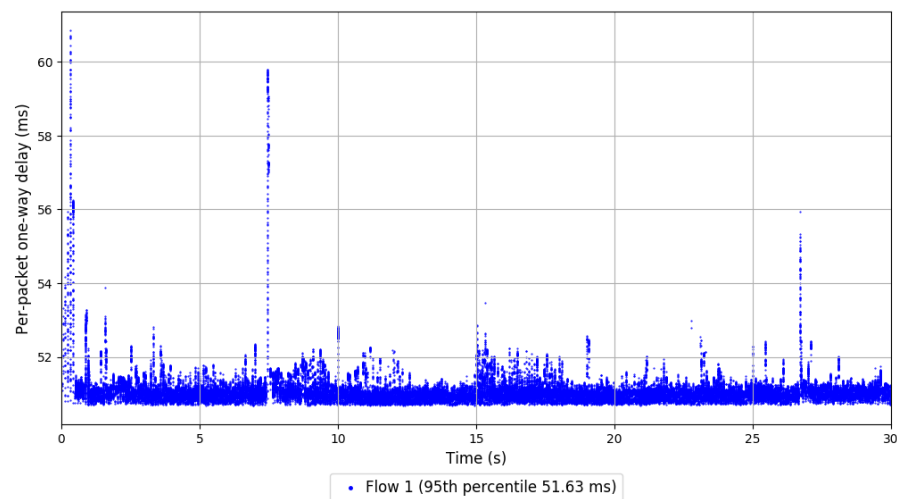
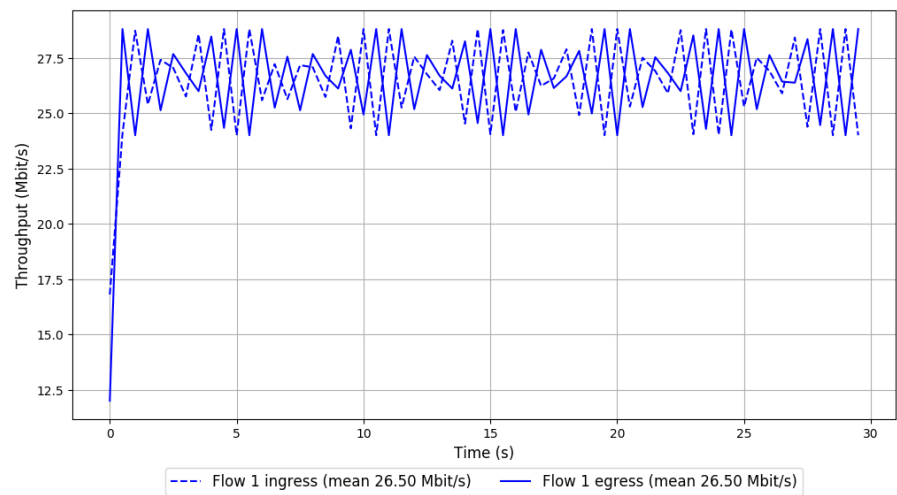
-- Flow 1:

Average throughput: 26.50 Mbit/s

95th percentile per-packet one-way delay: 51.633 ms

Loss rate: 0.00%

Run 7: Report of Saturator — Data Link

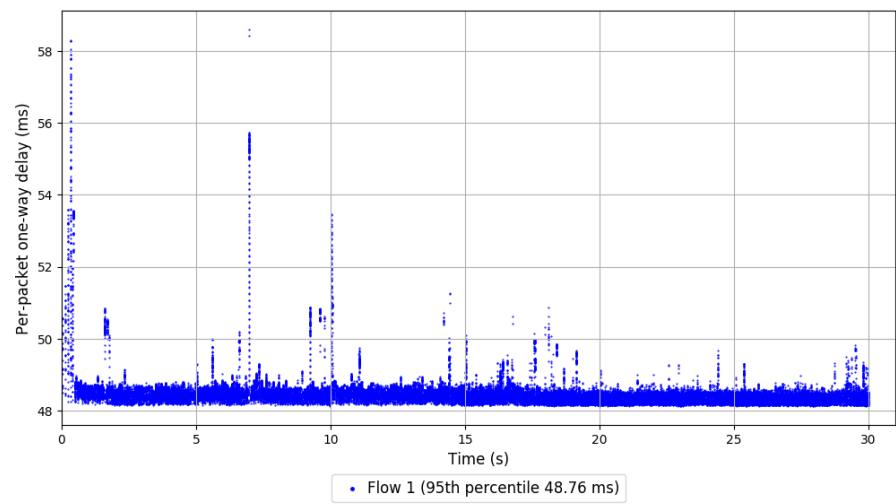
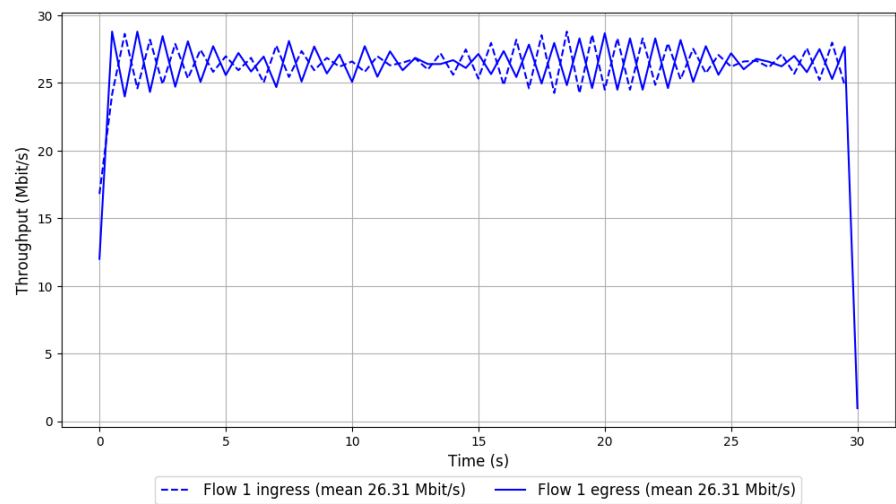


Run 8: Statistics of Saturator

Start at: 2017-08-17 00:34:15
End at: 2017-08-17 00:34:45
Local clock offset: 0.308 ms
Remote clock offset: -4.078 ms

Below is generated by plot.py at 2017-08-17 02:00:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 26.31 Mbit/s
95th percentile per-packet one-way delay: 48.755 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 26.31 Mbit/s
95th percentile per-packet one-way delay: 48.755 ms
Loss rate: 0.01%

Run 8: Report of Saturator — Data Link

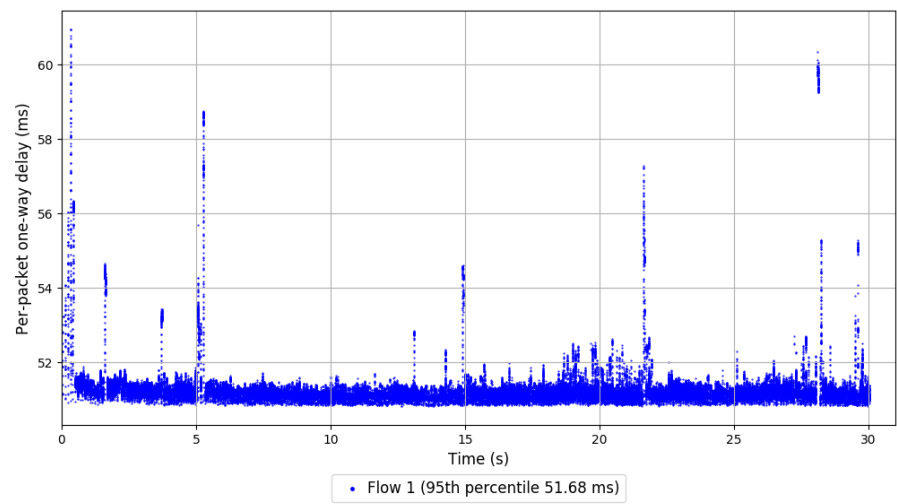
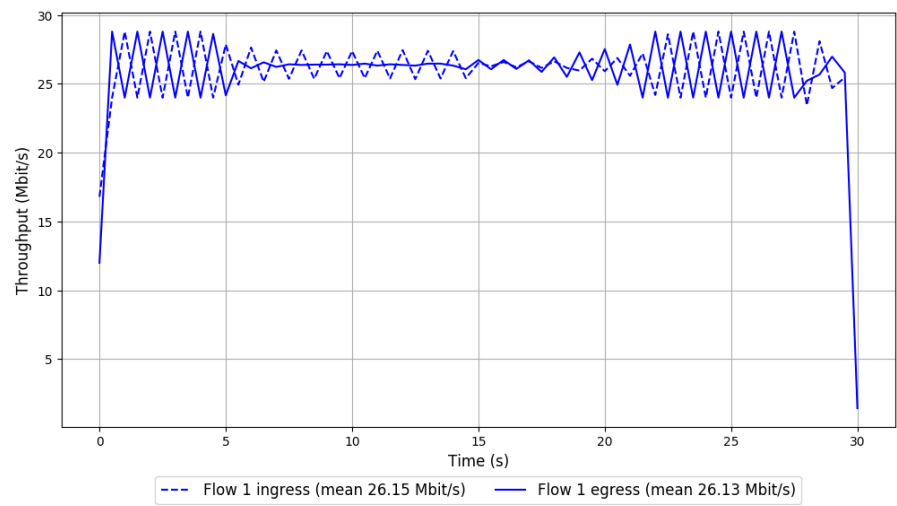


Run 9: Statistics of Saturator

Start at: 2017-08-17 00:54:42
End at: 2017-08-17 00:55:12
Local clock offset: 0.344 ms
Remote clock offset: -1.067 ms

Below is generated by plot.py at 2017-08-17 02:00:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 26.13 Mbit/s
95th percentile per-packet one-way delay: 51.679 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 26.13 Mbit/s
95th percentile per-packet one-way delay: 51.679 ms
Loss rate: 0.09%

Run 9: Report of Saturator — Data Link



Run 10: Statistics of Saturator

Start at: 2017-08-17 01:15:20

End at: 2017-08-17 01:15:50

Local clock offset: 0.276 ms

Remote clock offset: -0.856 ms

Below is generated by plot.py at 2017-08-17 02:00:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 26.34 Mbit/s

95th percentile per-packet one-way delay: 51.679 ms

Loss rate: 0.00%

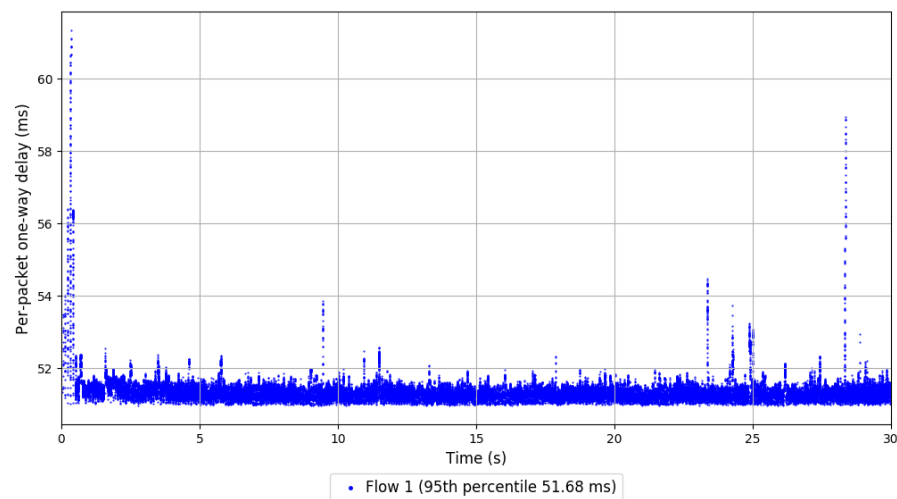
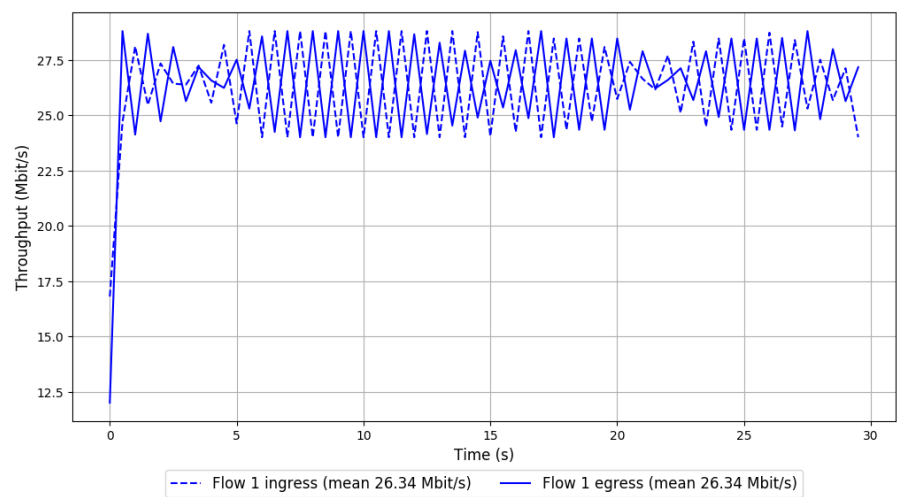
-- Flow 1:

Average throughput: 26.34 Mbit/s

95th percentile per-packet one-way delay: 51.679 ms

Loss rate: 0.00%

Run 10: Report of Saturator — Data Link

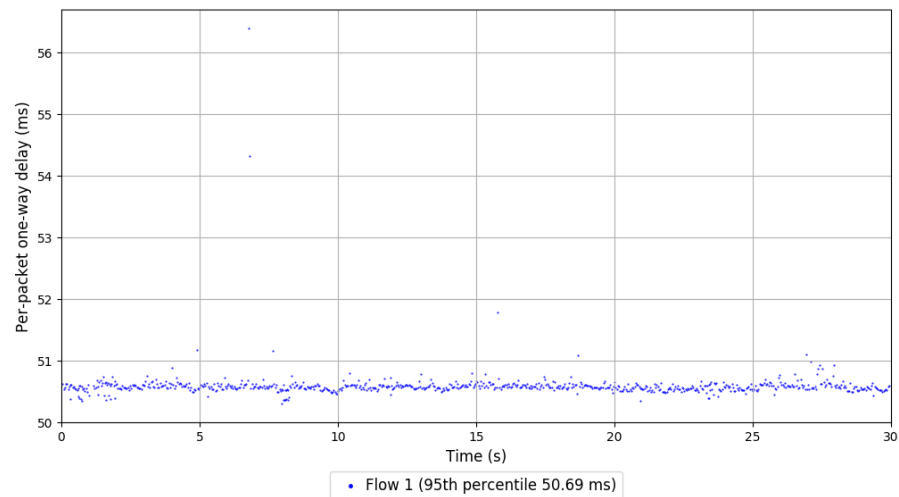
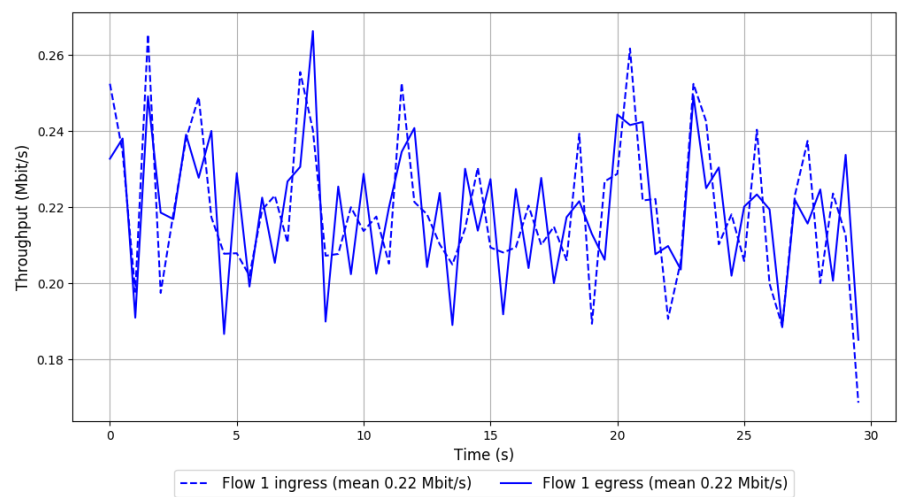


```
Run 1: Statistics of SCReAM

Start at: 2017-08-16 22:03:34
End at: 2017-08-16 22:04:04
Local clock offset: -0.541 ms
Remote clock offset: -0.65 ms

# Below is generated by plot.py at 2017-08-17 02:00:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.693 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.693 ms
Loss rate: 0.00%
```

Run 1: Report of SReAM — Data Link

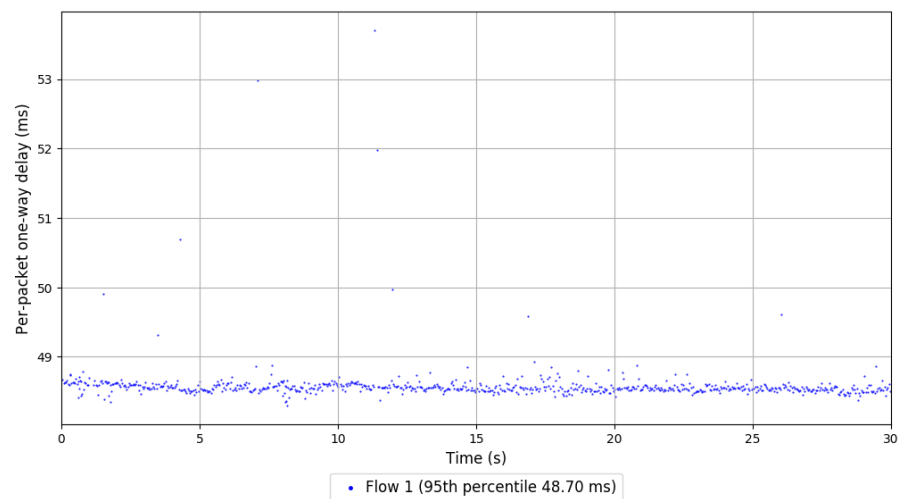
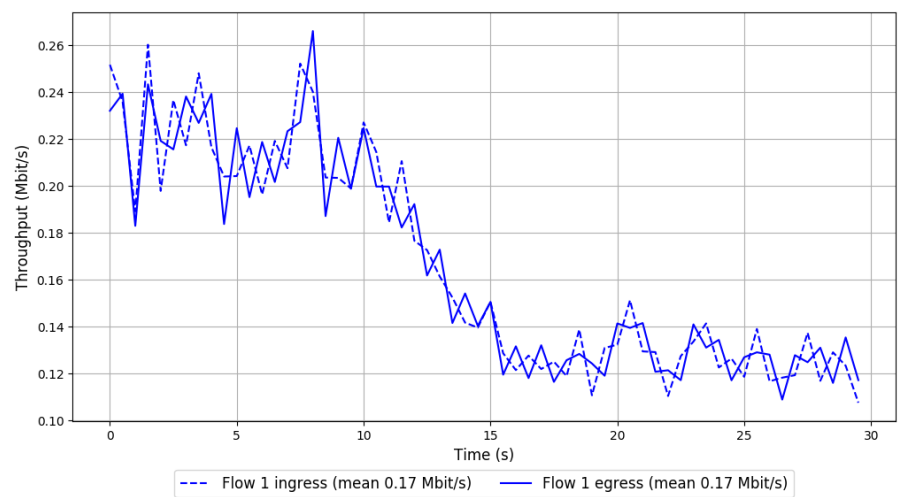


Run 2: Statistics of SCReAM

Start at: 2017-08-16 22:23:44
End at: 2017-08-16 22:24:14
Local clock offset: -0.56 ms
Remote clock offset: -3.347 ms

Below is generated by plot.py at 2017-08-17 02:00:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 48.704 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 48.704 ms
Loss rate: 0.17%

Run 2: Report of SReAM — Data Link

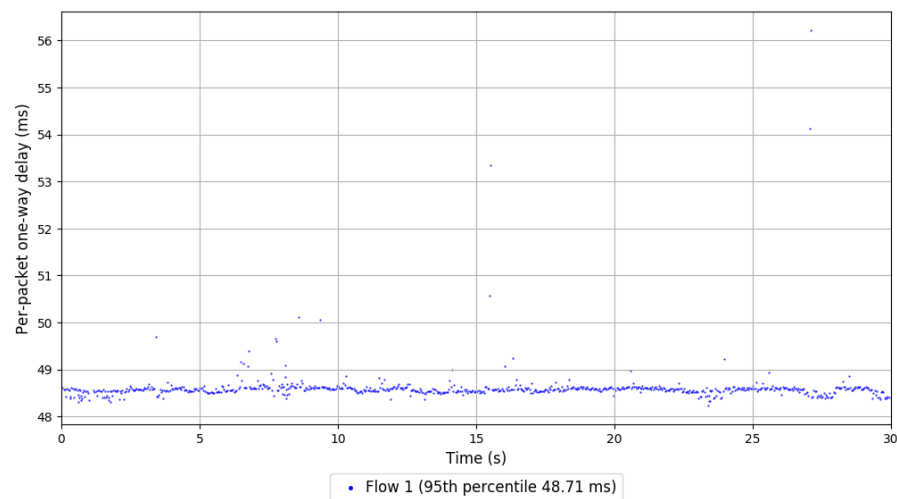
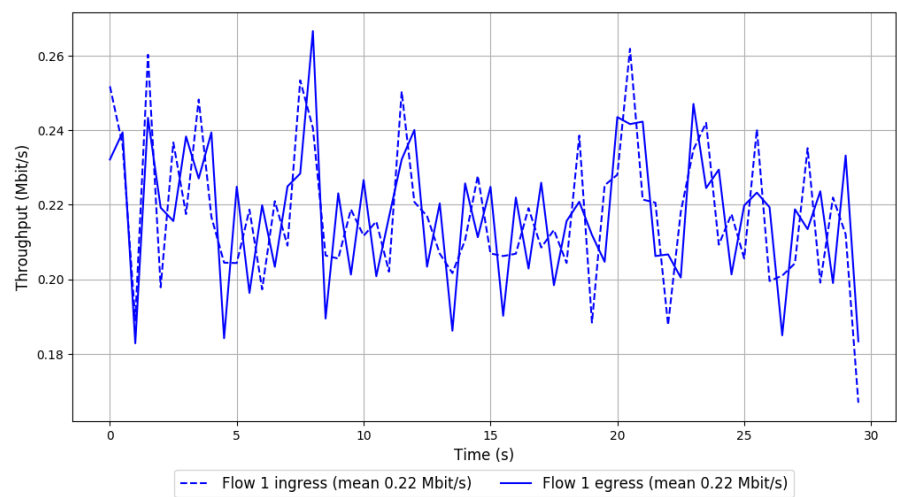


Run 3: Statistics of SCReAM

Start at: 2017-08-16 22:44:54
End at: 2017-08-16 22:45:24
Local clock offset: -0.337 ms
Remote clock offset: -3.799 ms

Below is generated by plot.py at 2017-08-17 02:00:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.713 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.713 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

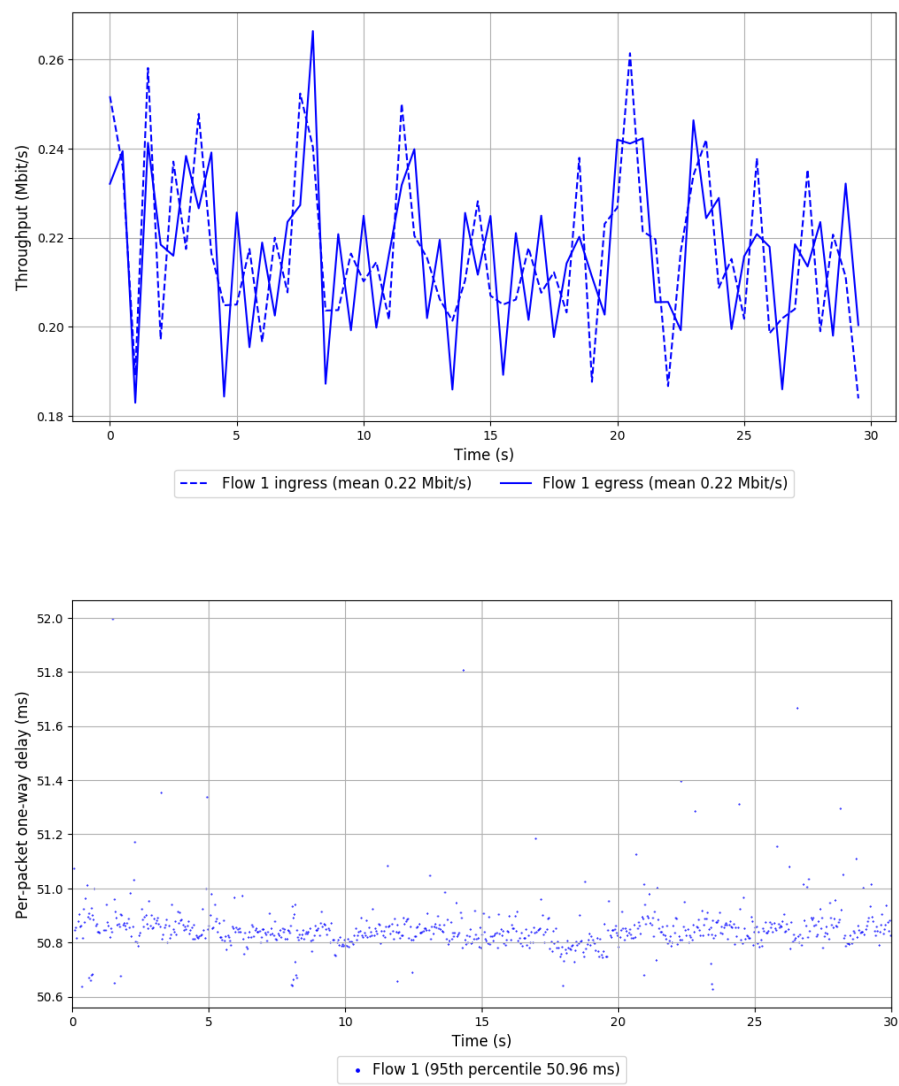


Run 4: Statistics of SCReAM

Start at: 2017-08-16 23:05:30
End at: 2017-08-16 23:06:00
Local clock offset: -0.242 ms
Remote clock offset: -1.552 ms

Below is generated by plot.py at 2017-08-17 02:00:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.962 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.962 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

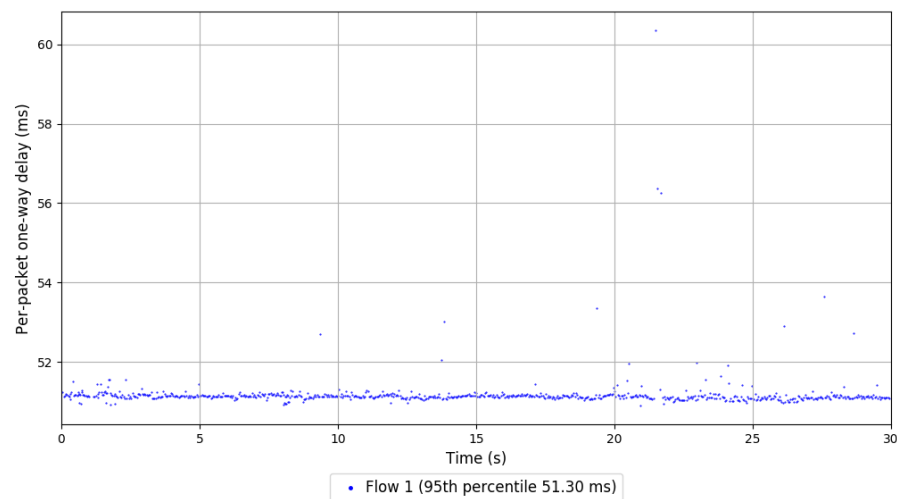
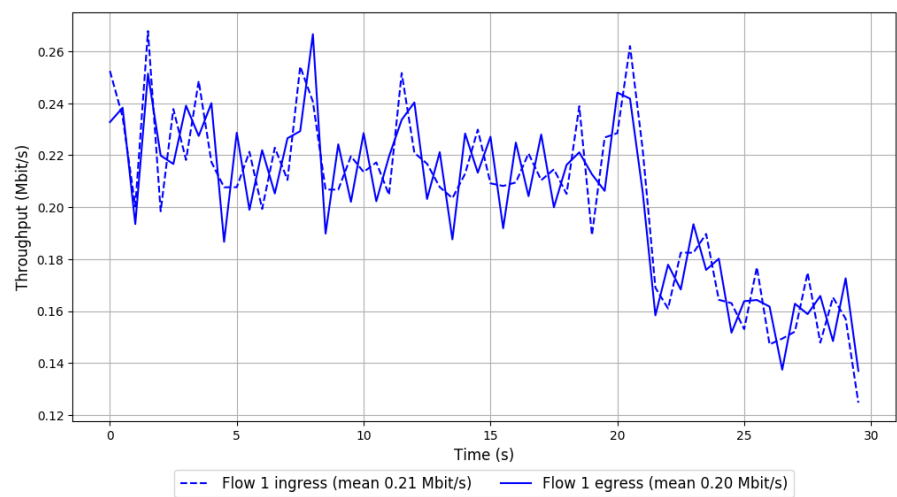


Run 5: Statistics of SCReAM

Start at: 2017-08-16 23:25:59
End at: 2017-08-16 23:26:29
Local clock offset: 0.116 ms
Remote clock offset: -1.366 ms

Below is generated by plot.py at 2017-08-17 02:00:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 51.295 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 51.295 ms
Loss rate: 0.31%

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SCReAM

Start at: 2017-08-16 23:46:34

End at: 2017-08-16 23:47:04

Local clock offset: 0.387 ms

Remote clock offset: -1.94 ms

Below is generated by plot.py at 2017-08-17 02:00:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.09 Mbit/s

95th percentile per-packet one-way delay: 59.777 ms

Loss rate: 2.83%

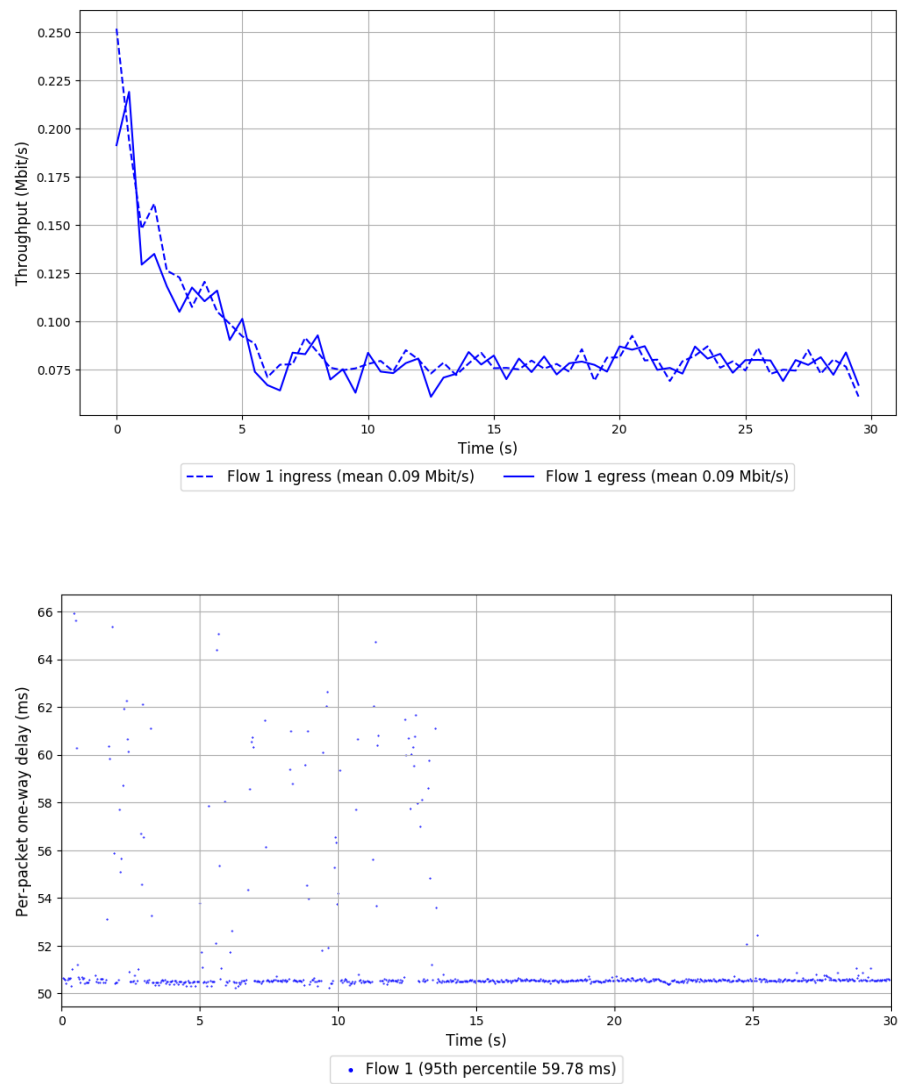
-- Flow 1:

Average throughput: 0.09 Mbit/s

95th percentile per-packet one-way delay: 59.777 ms

Loss rate: 2.83%

Run 6: Report of SReAM — Data Link

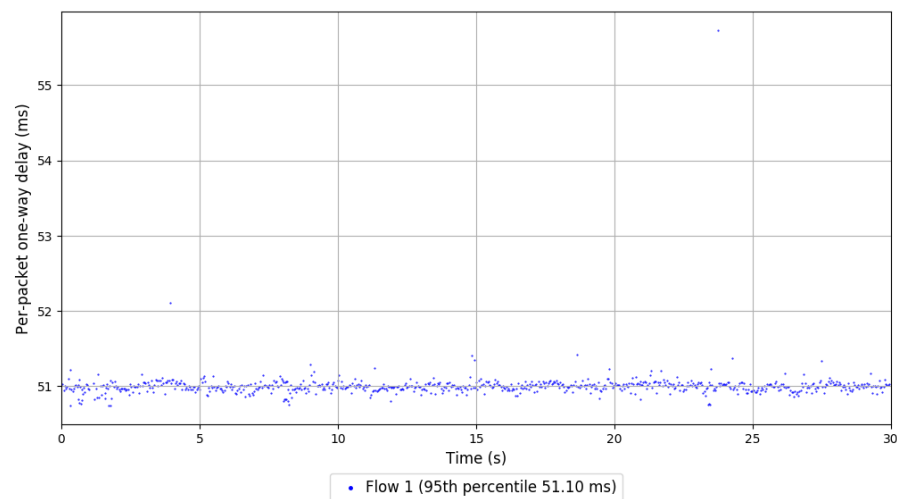
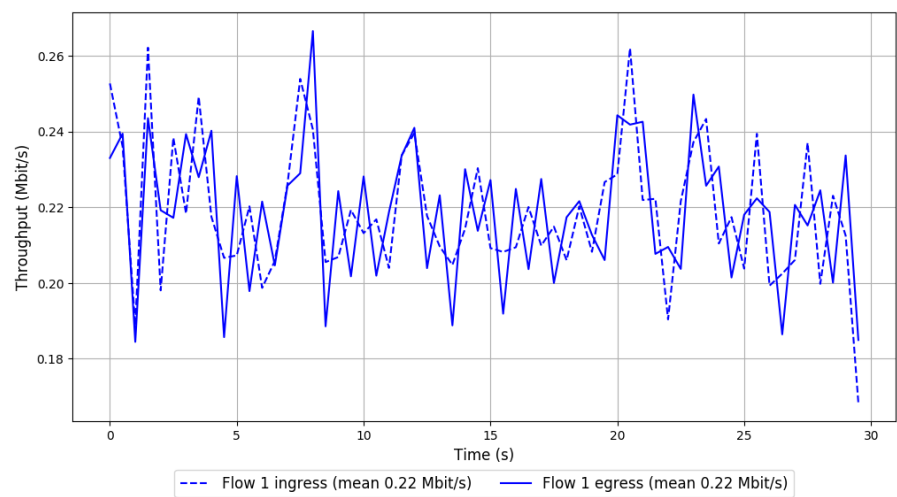


Run 7: Statistics of SCReAM

Start at: 2017-08-17 00:07:08
End at: 2017-08-17 00:07:38
Local clock offset: 0.273 ms
Remote clock offset: -1.588 ms

Below is generated by plot.py at 2017-08-17 02:00:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 51.103 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 51.103 ms
Loss rate: 0.00%

Run 7: Report of SReAM — Data Link

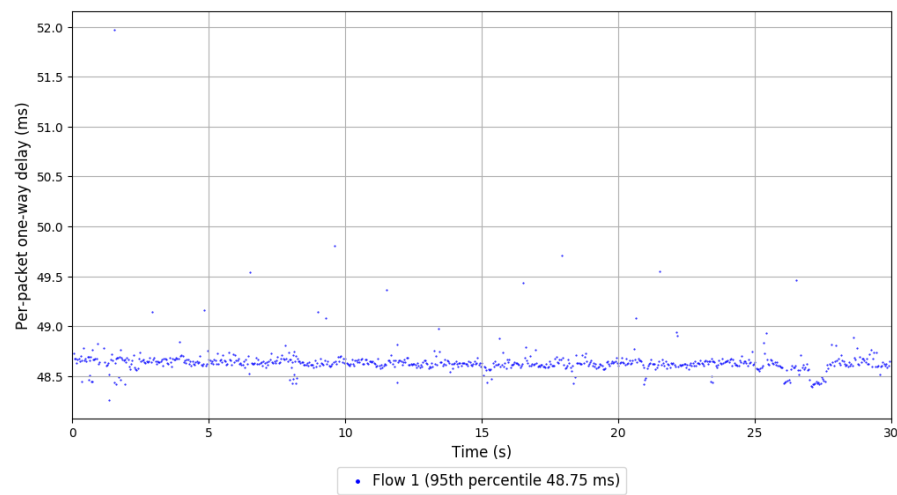
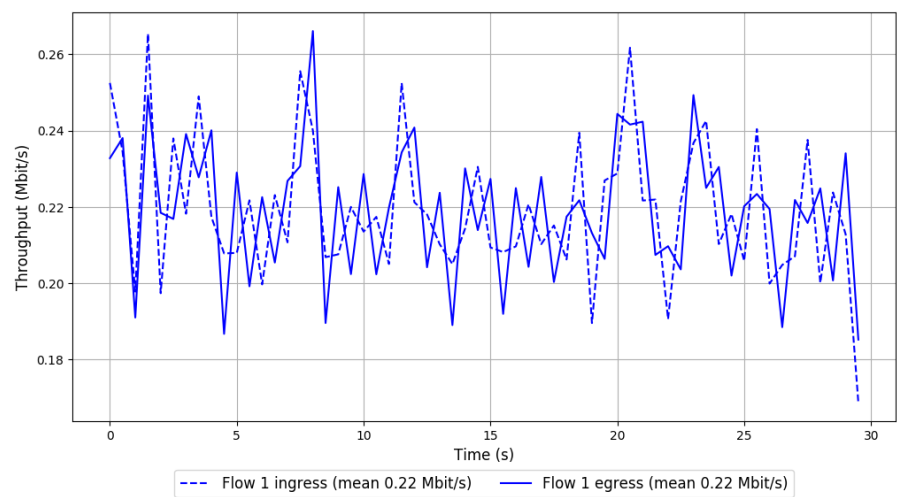


Run 8: Statistics of SCReAM

Start at: 2017-08-17 00:27:27
End at: 2017-08-17 00:27:57
Local clock offset: 0.243 ms
Remote clock offset: -4.194 ms

Below is generated by plot.py at 2017-08-17 02:00:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.746 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.746 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

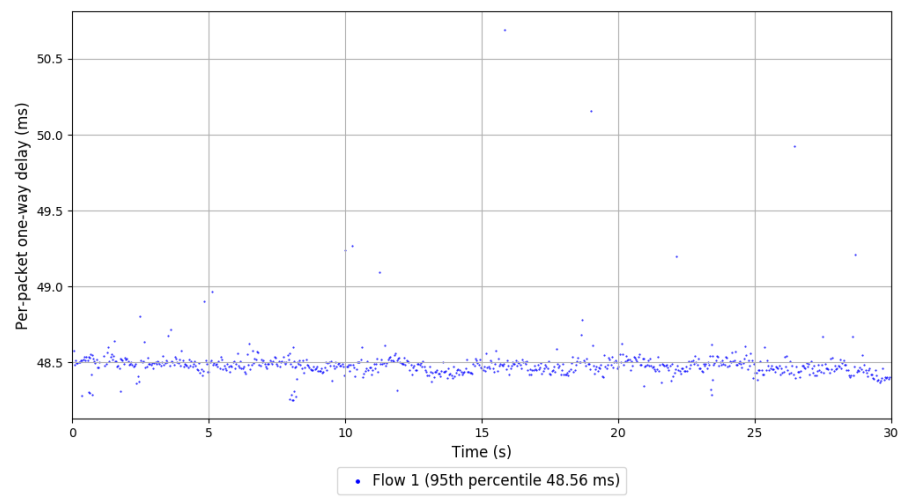
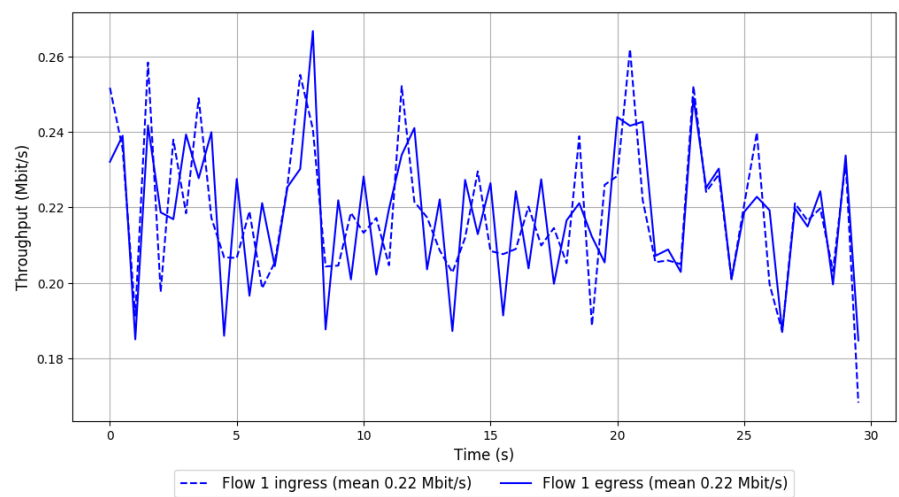


Run 9: Statistics of SCReAM

Start at: 2017-08-17 00:48:03
End at: 2017-08-17 00:48:33
Local clock offset: 0.216 ms
Remote clock offset: -3.708 ms

Below is generated by plot.py at 2017-08-17 02:00:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.562 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.562 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SReAM

Start at: 2017-08-17 01:08:40

End at: 2017-08-17 01:09:10

Local clock offset: 0.354 ms

Remote clock offset: -3.26 ms

Below is generated by plot.py at 2017-08-17 02:00:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 48.580 ms

Loss rate: 0.00%

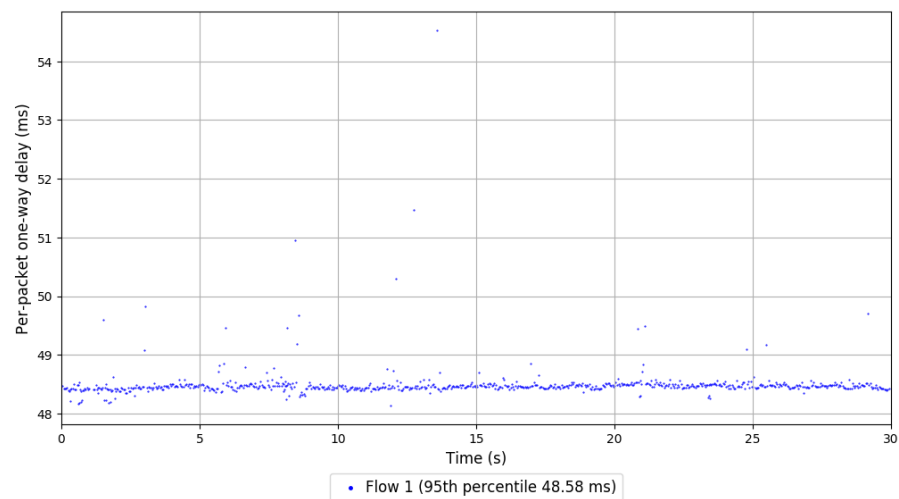
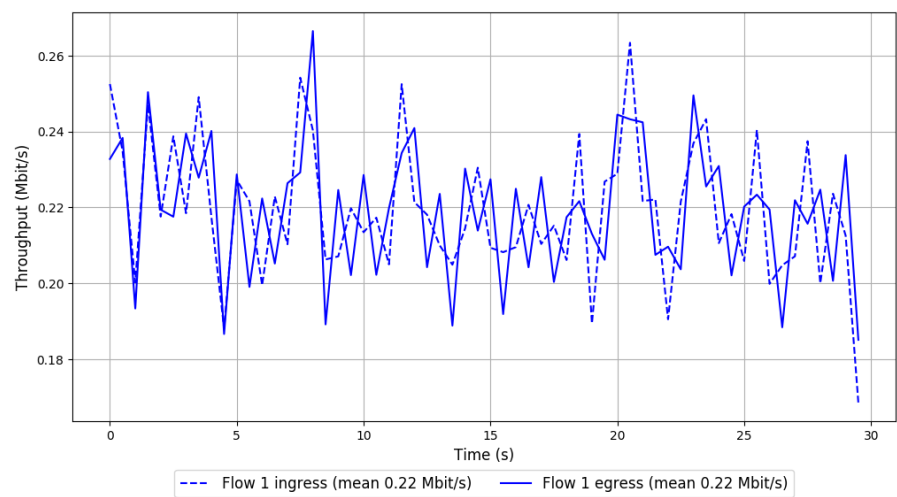
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 48.580 ms

Loss rate: 0.00%

Run 10: Report of SCReAM — Data Link

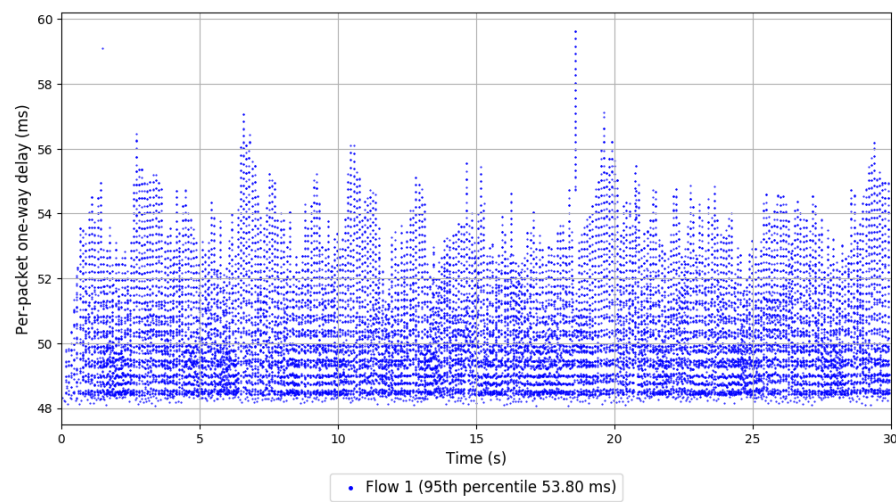
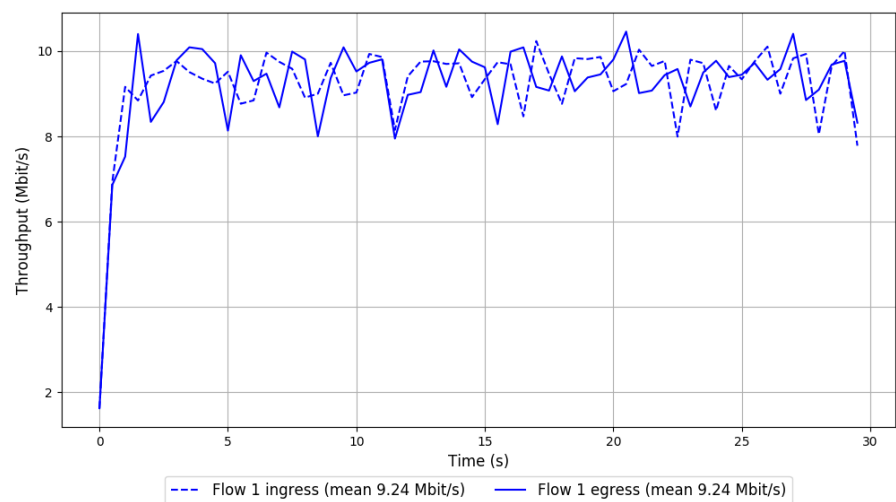


Run 1: Statistics of Sprout

Start at: 2017-08-16 22:14:12
End at: 2017-08-16 22:14:42
Local clock offset: -0.561 ms
Remote clock offset: -3.172 ms

Below is generated by plot.py at 2017-08-17 02:00:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.24 Mbit/s
95th percentile per-packet one-way delay: 53.798 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.24 Mbit/s
95th percentile per-packet one-way delay: 53.798 ms
Loss rate: 0.00%

Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

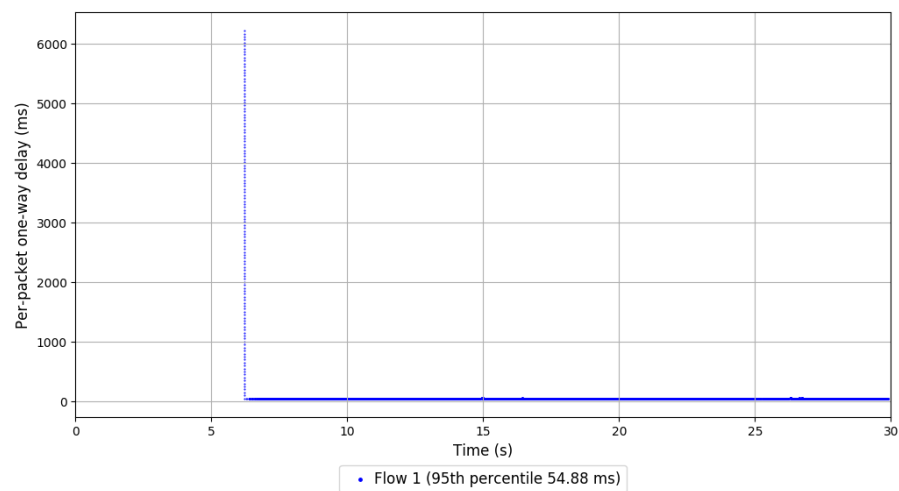
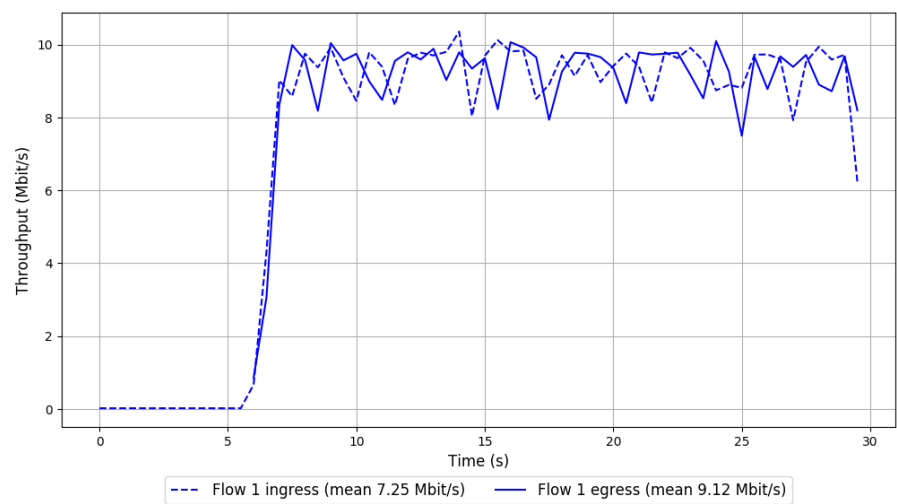
Start at: 2017-08-16 22:34:45

End at: 2017-08-16 22:35:16

Local clock offset: -0.489 ms

Remote clock offset: -1.542 ms

Run 2: Report of Sprout — Data Link

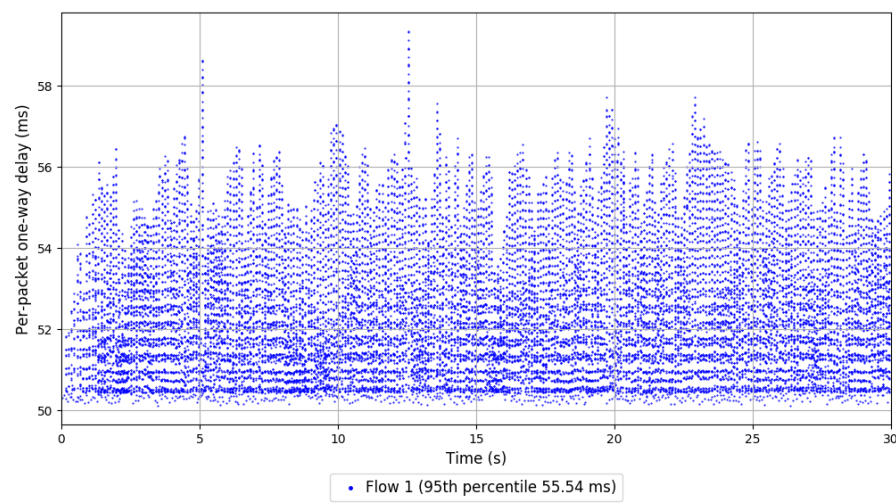
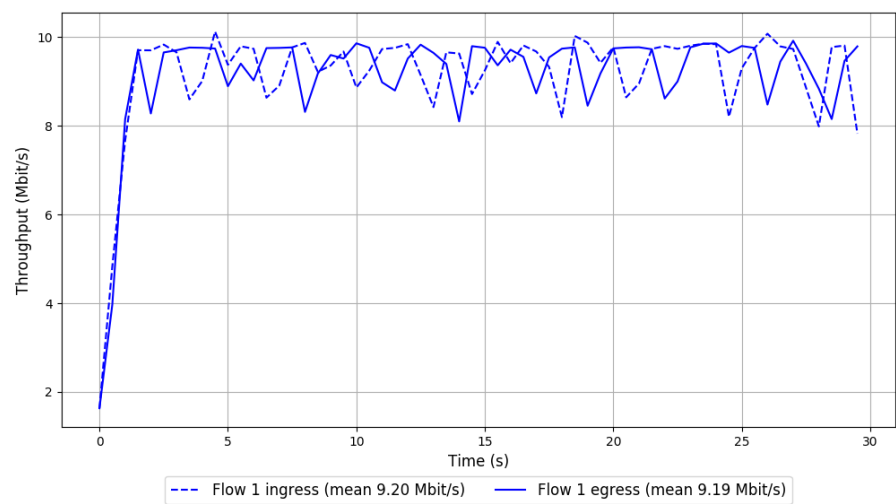


Run 3: Statistics of Sprout

Start at: 2017-08-16 22:55:56
End at: 2017-08-16 22:56:26
Local clock offset: -0.228 ms
Remote clock offset: -1.57 ms

Below is generated by plot.py at 2017-08-17 02:00:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.19 Mbit/s
95th percentile per-packet one-way delay: 55.539 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 9.19 Mbit/s
95th percentile per-packet one-way delay: 55.539 ms
Loss rate: 0.07%

Run 3: Report of Sprout — Data Link

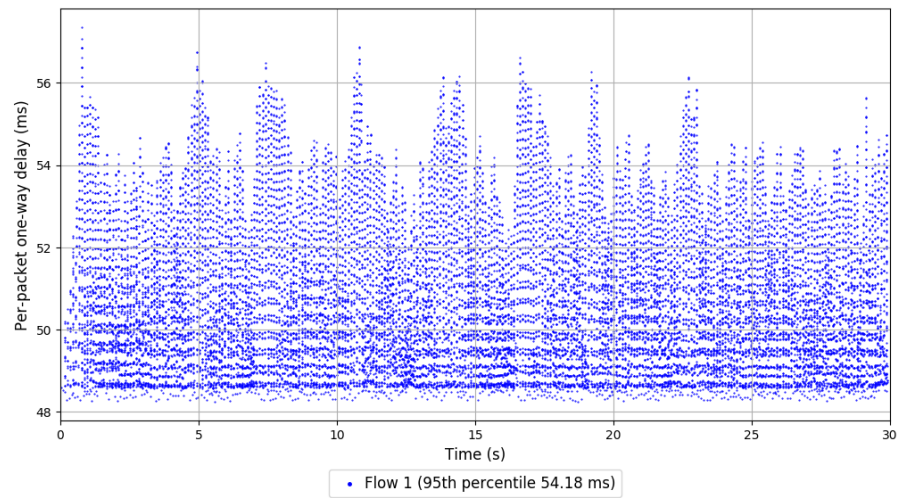
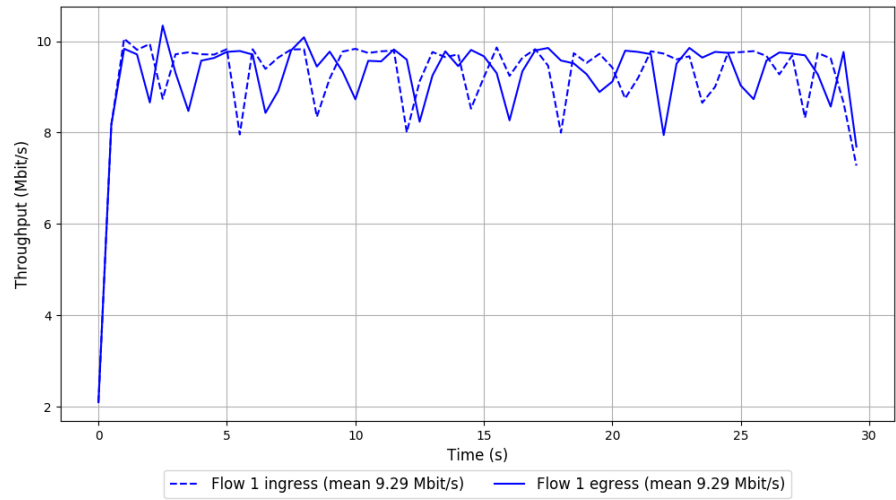


Run 4: Statistics of Sprout

Start at: 2017-08-16 23:16:09
End at: 2017-08-16 23:16:39
Local clock offset: -0.012 ms
Remote clock offset: -3.703 ms

Below is generated by plot.py at 2017-08-17 02:00:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.29 Mbit/s
95th percentile per-packet one-way delay: 54.176 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.29 Mbit/s
95th percentile per-packet one-way delay: 54.176 ms
Loss rate: 0.00%

Run 4: Report of Sprout — Data Link

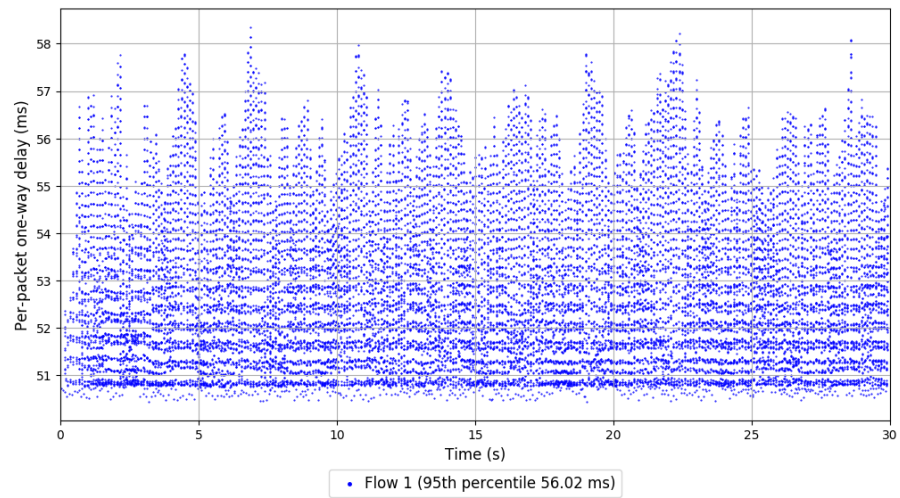
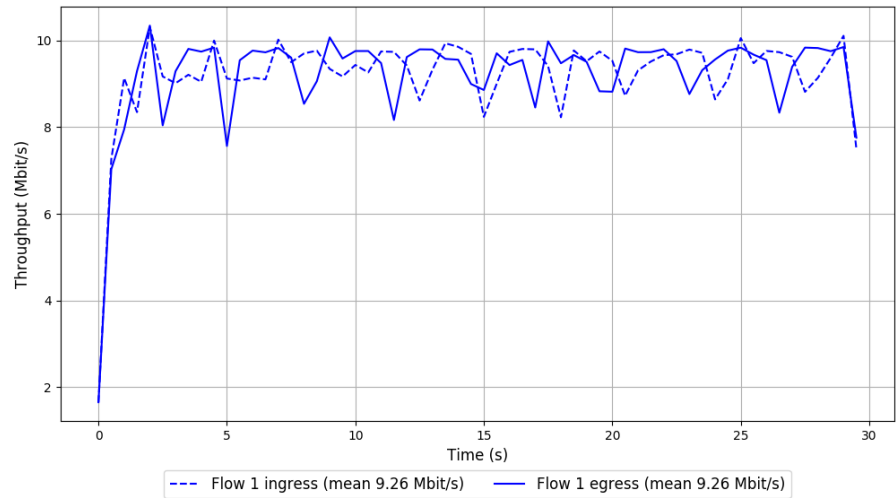


Run 5: Statistics of Sprout

Start at: 2017-08-16 23:36:50
End at: 2017-08-16 23:37:20
Local clock offset: 0.204 ms
Remote clock offset: -1.803 ms

Below is generated by plot.py at 2017-08-17 02:00:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.26 Mbit/s
95th percentile per-packet one-way delay: 56.018 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.26 Mbit/s
95th percentile per-packet one-way delay: 56.018 ms
Loss rate: 0.00%

Run 5: Report of Sprout — Data Link

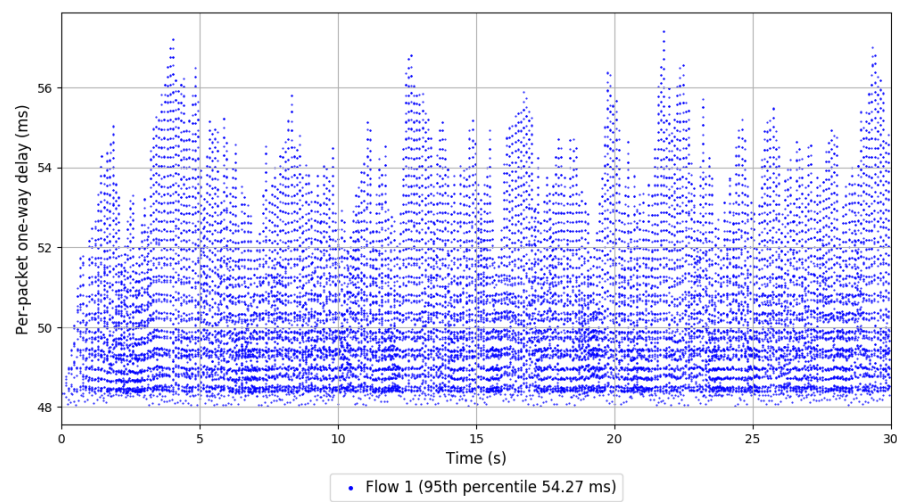
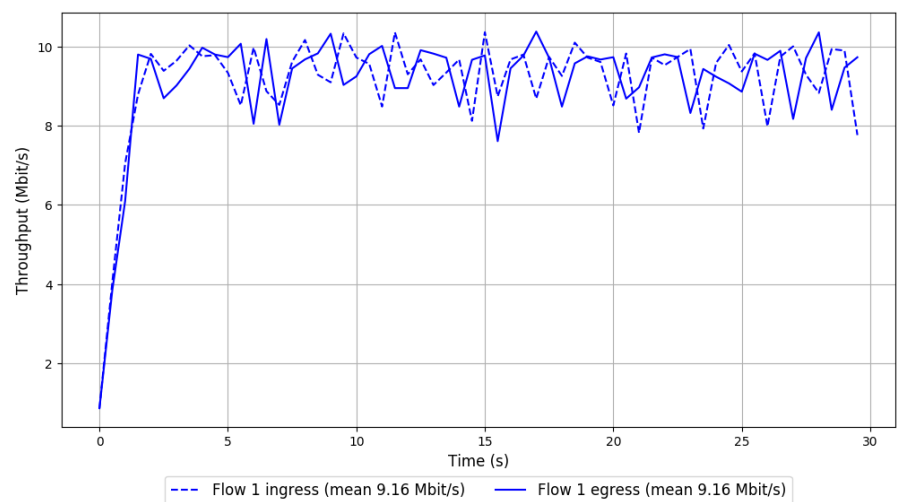


Run 6: Statistics of Sprout

Start at: 2017-08-16 23:57:32
End at: 2017-08-16 23:58:02
Local clock offset: 0.299 ms
Remote clock offset: -4.089 ms

Below is generated by plot.py at 2017-08-17 02:00:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.16 Mbit/s
95th percentile per-packet one-way delay: 54.265 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.16 Mbit/s
95th percentile per-packet one-way delay: 54.265 ms
Loss rate: 0.00%

Run 6: Report of Sprout — Data Link

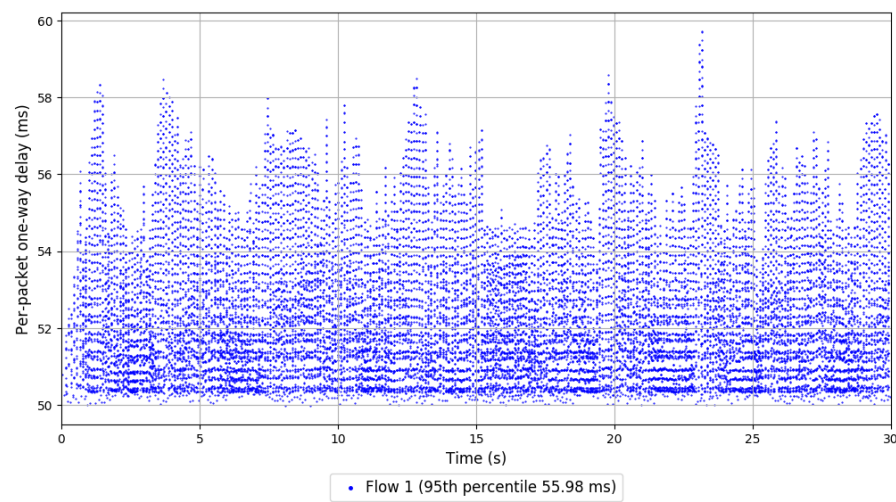
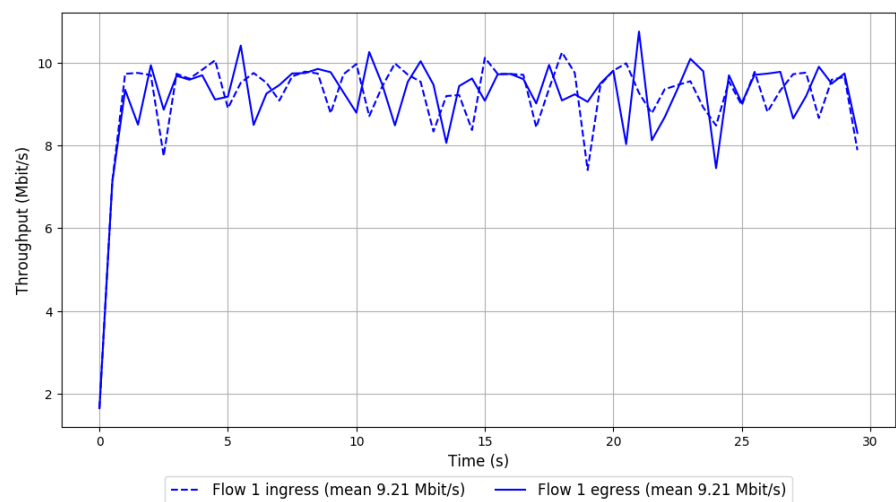


Run 7: Statistics of Sprout

Start at: 2017-08-17 00:17:51
End at: 2017-08-17 00:18:21
Local clock offset: 0.353 ms
Remote clock offset: -2.112 ms

Below is generated by plot.py at 2017-08-17 02:00:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.21 Mbit/s
95th percentile per-packet one-way delay: 55.984 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.21 Mbit/s
95th percentile per-packet one-way delay: 55.984 ms
Loss rate: 0.00%

Run 7: Report of Sprout — Data Link

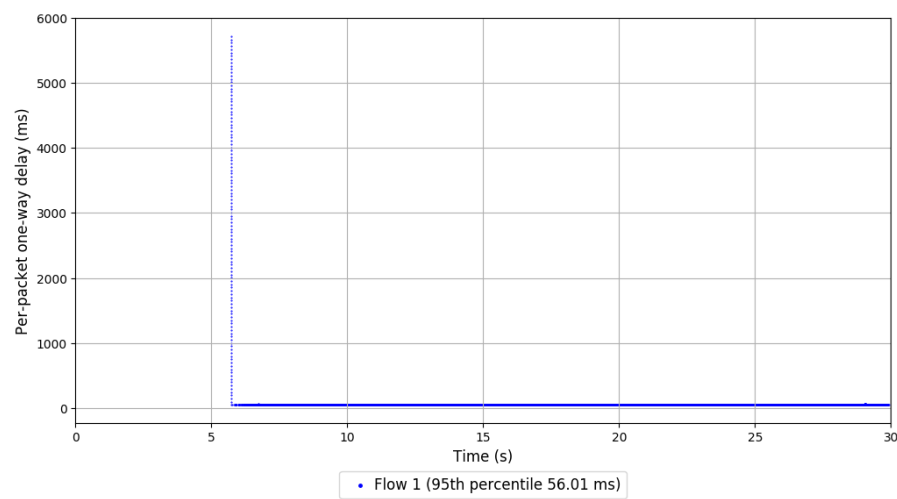
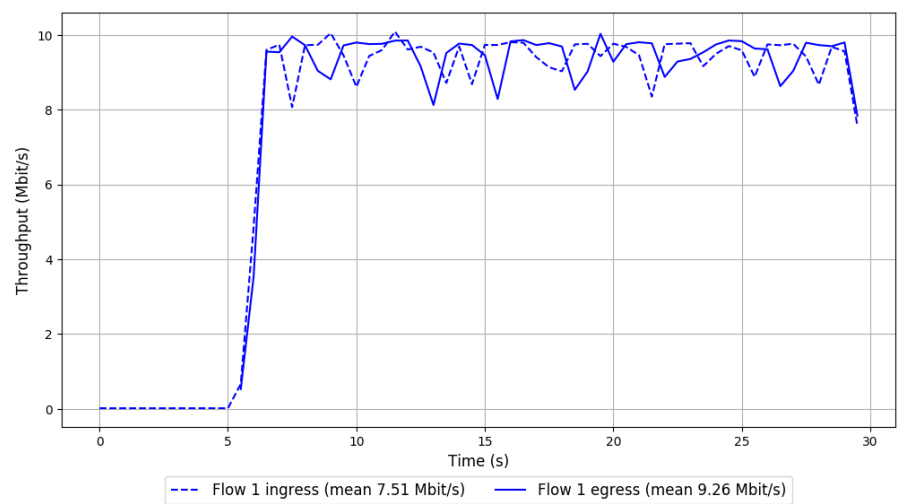


Run 8: Statistics of Sprout

Start at: 2017-08-17 00:38:26
End at: 2017-08-17 00:38:56
Local clock offset: 0.255 ms
Remote clock offset: -1.824 ms

Below is generated by plot.py at 2017-08-17 02:00:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.26 Mbit/s
95th percentile per-packet one-way delay: 56.006 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.26 Mbit/s
95th percentile per-packet one-way delay: 56.006 ms
Loss rate: 0.00%

Run 8: Report of Sprout — Data Link

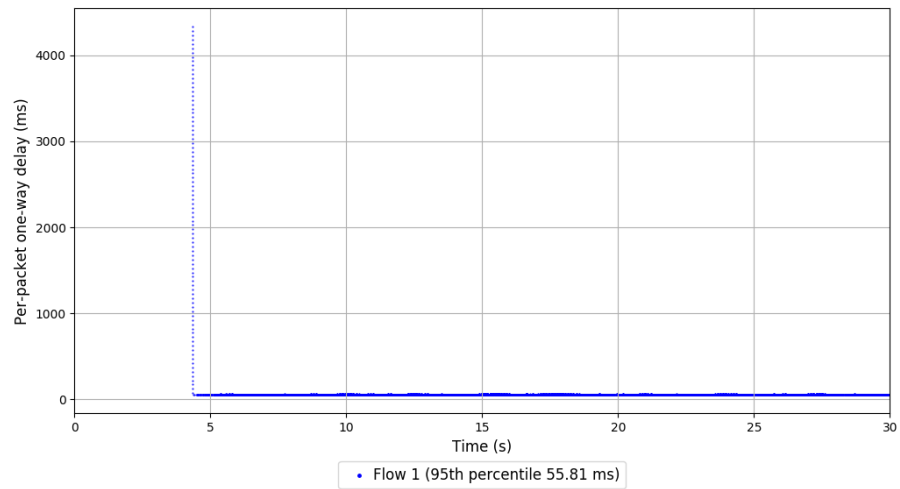
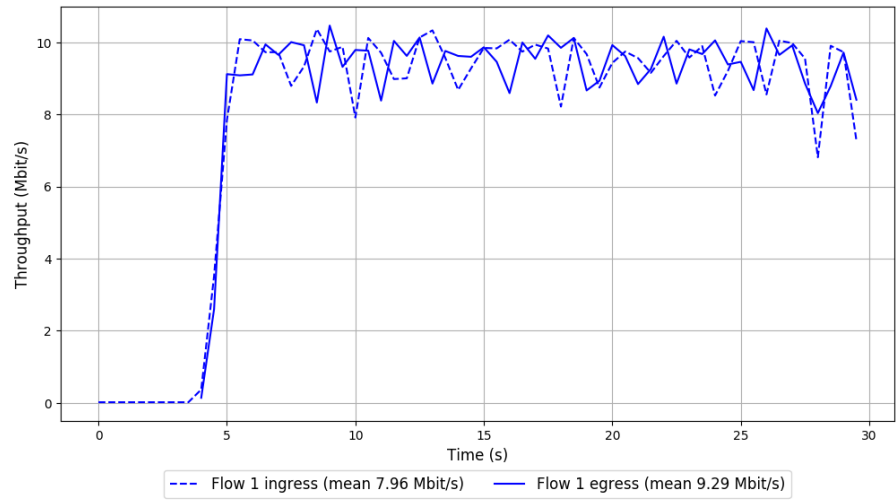


Run 9: Statistics of Sprout

Start at: 2017-08-17 00:58:50
End at: 2017-08-17 00:59:20
Local clock offset: 0.255 ms
Remote clock offset: -0.948 ms

Below is generated by plot.py at 2017-08-17 02:00:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.29 Mbit/s
95th percentile per-packet one-way delay: 55.808 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.29 Mbit/s
95th percentile per-packet one-way delay: 55.808 ms
Loss rate: 0.00%

Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: 2017-08-17 01:19:25

End at: 2017-08-17 01:19:55

Local clock offset: 0.355 ms

Remote clock offset: -3.335 ms

Below is generated by plot.py at 2017-08-17 02:00:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 9.17 Mbit/s

95th percentile per-packet one-way delay: 53.686 ms

Loss rate: 0.00%

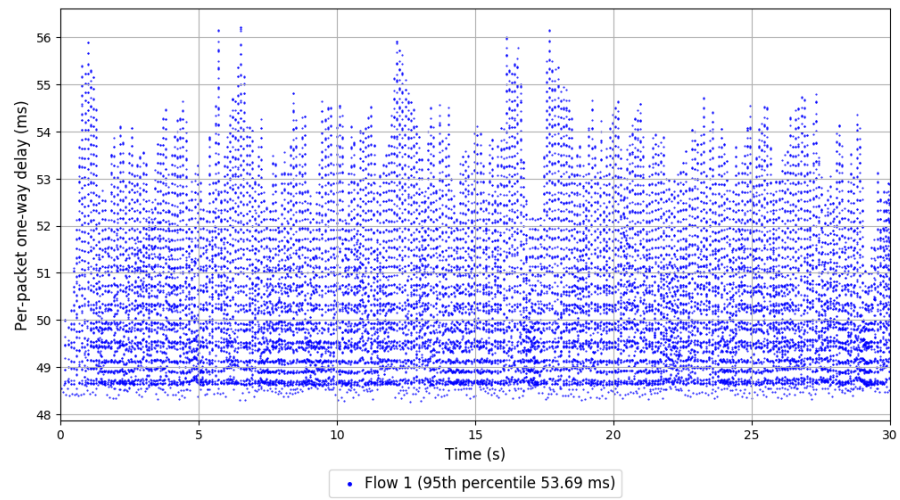
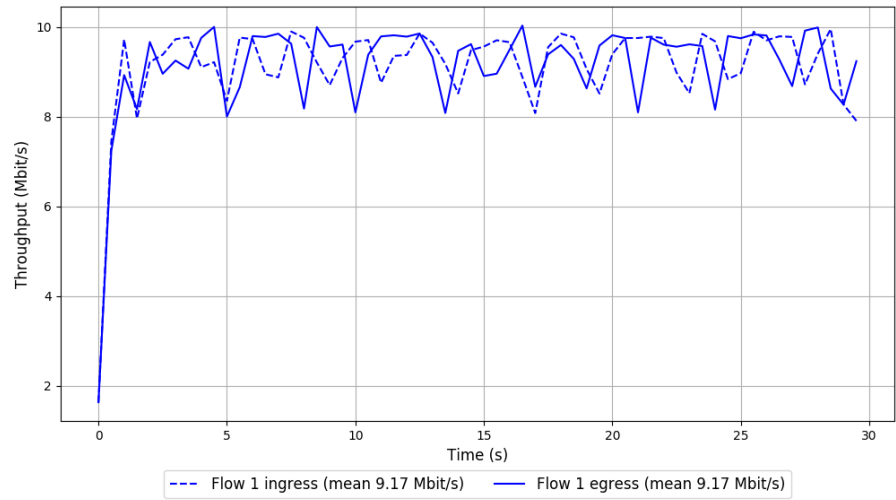
-- Flow 1:

Average throughput: 9.17 Mbit/s

95th percentile per-packet one-way delay: 53.686 ms

Loss rate: 0.00%

Run 10: Report of Sprout — Data Link

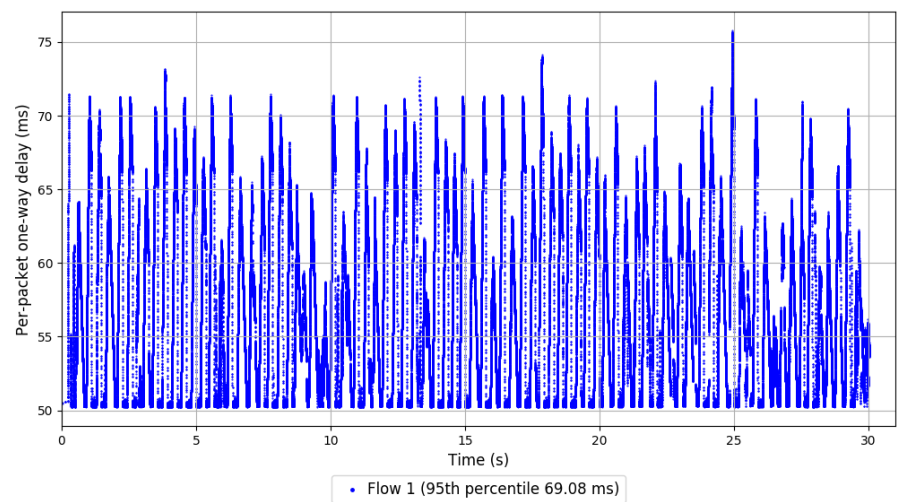
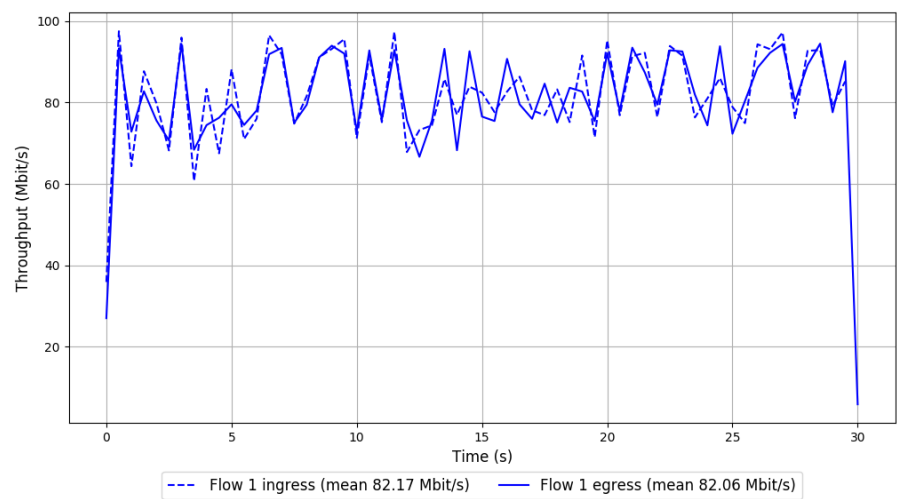


```
Run 1: Statistics of TaoVA-100x

Start at: 2017-08-16 22:02:08
End at: 2017-08-16 22:02:39
Local clock offset: -0.505 ms
Remote clock offset: -0.718 ms

# Below is generated by plot.py at 2017-08-17 02:01:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.06 Mbit/s
95th percentile per-packet one-way delay: 69.085 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 82.06 Mbit/s
95th percentile per-packet one-way delay: 69.085 ms
Loss rate: 0.15%
```

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



Run 2: Statistics of TaoVA-100x

Start at: 2017-08-16 22:22:18

End at: 2017-08-16 22:22:48

Local clock offset: -0.546 ms

Remote clock offset: -3.359 ms

Below is generated by plot.py at 2017-08-17 02:01:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.21 Mbit/s

95th percentile per-packet one-way delay: 68.207 ms

Loss rate: 0.20%

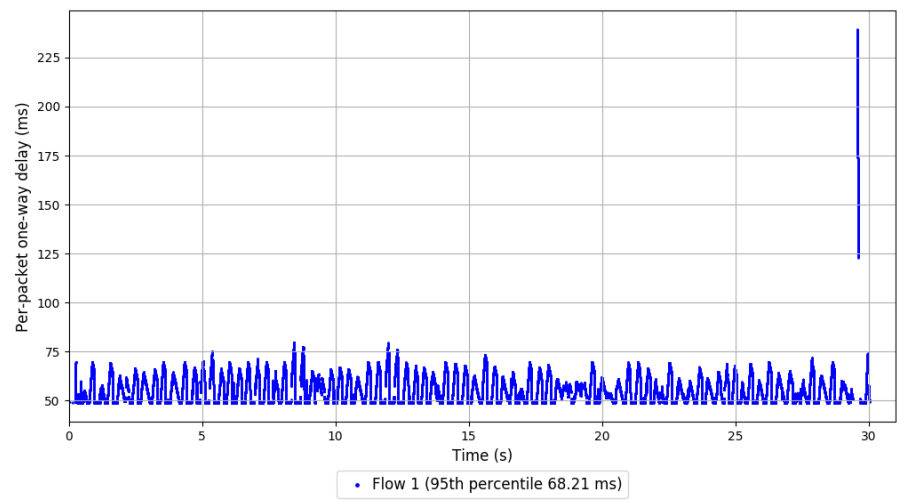
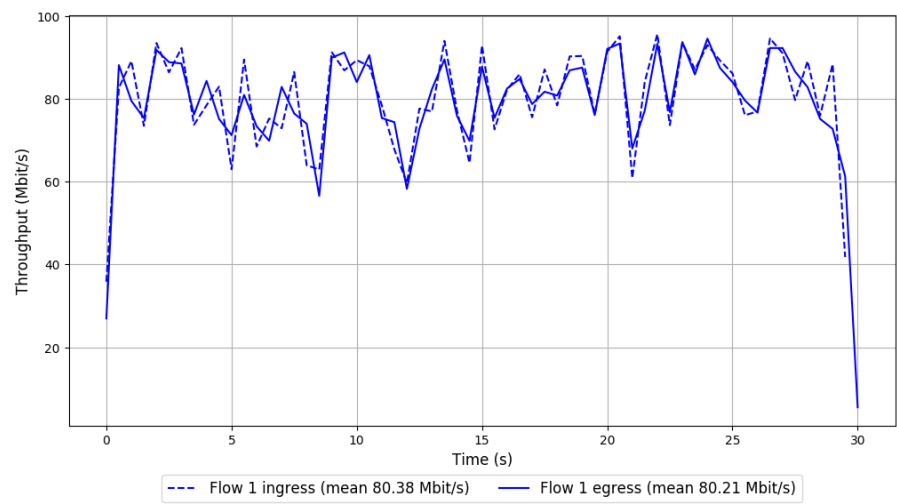
-- Flow 1:

Average throughput: 80.21 Mbit/s

95th percentile per-packet one-way delay: 68.207 ms

Loss rate: 0.20%

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

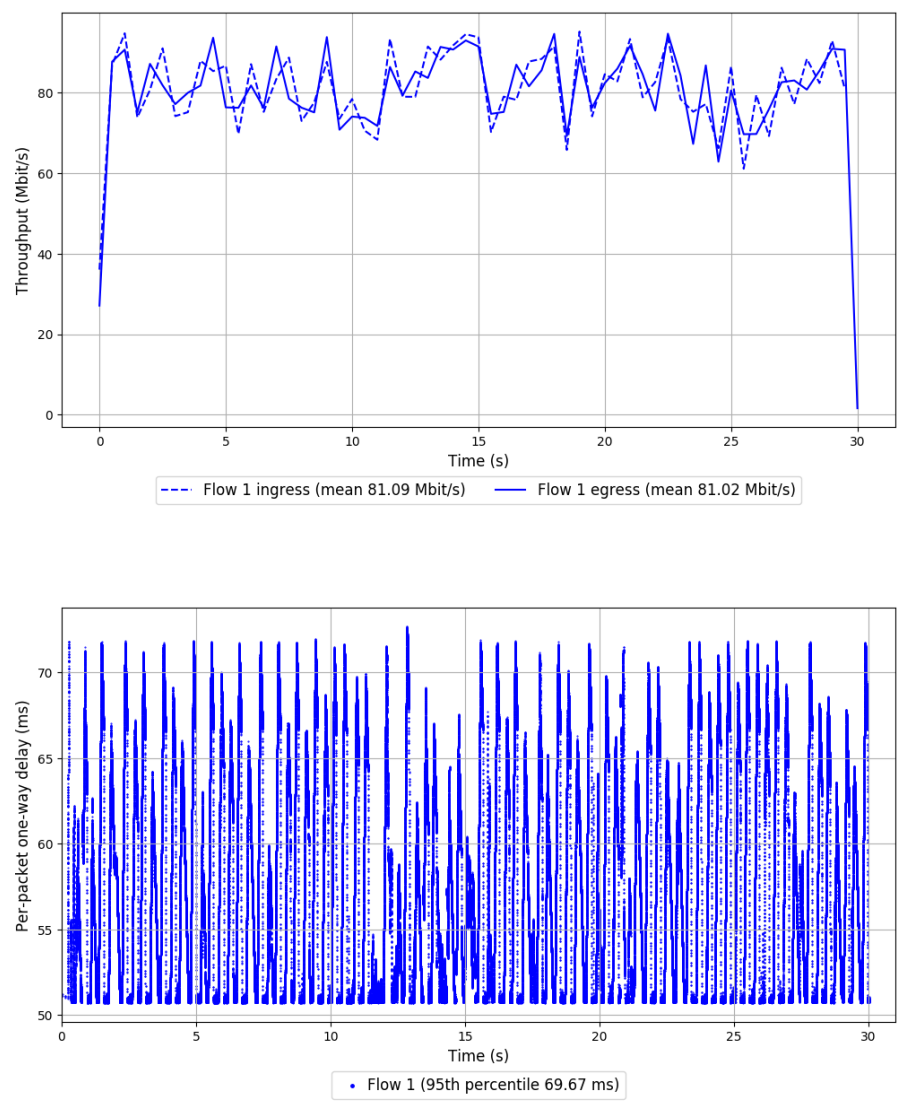


Run 3: Statistics of TaoVA-100x

Start at: 2017-08-16 22:43:16
End at: 2017-08-16 22:43:46
Local clock offset: -0.375 ms
Remote clock offset: -1.235 ms

Below is generated by plot.py at 2017-08-17 02:01:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 81.02 Mbit/s
95th percentile per-packet one-way delay: 69.675 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 81.02 Mbit/s
95th percentile per-packet one-way delay: 69.675 ms
Loss rate: 0.10%

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



Run 4: Statistics of TaoVA-100x

Start at: 2017-08-16 23:04:04

End at: 2017-08-16 23:04:34

Local clock offset: -0.235 ms

Remote clock offset: -3.737 ms

Below is generated by plot.py at 2017-08-17 02:01:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.10 Mbit/s

95th percentile per-packet one-way delay: 67.286 ms

Loss rate: 0.04%

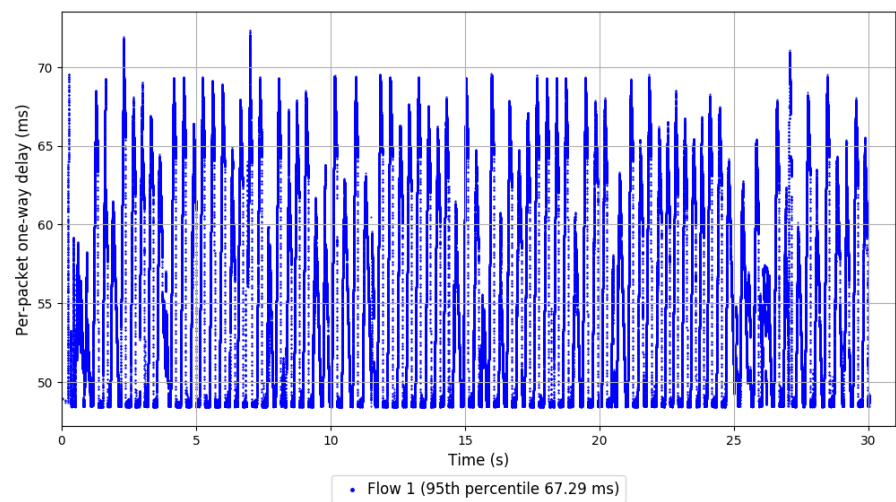
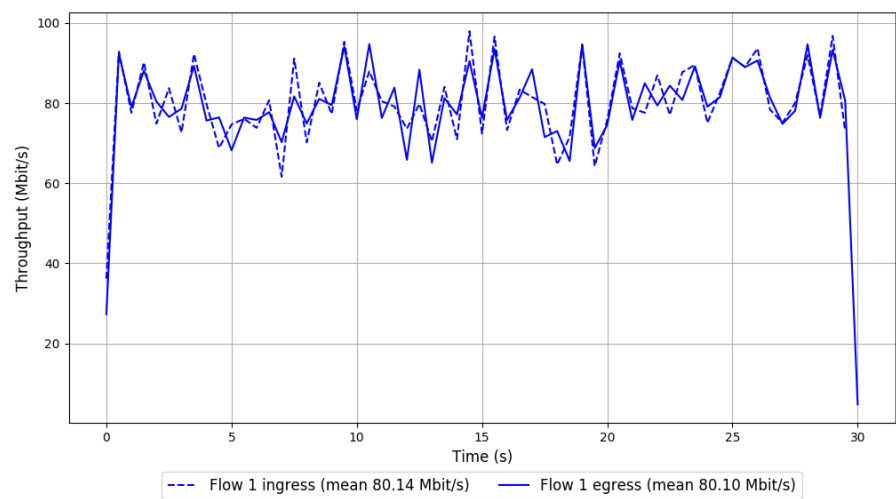
-- Flow 1:

Average throughput: 80.10 Mbit/s

95th percentile per-packet one-way delay: 67.286 ms

Loss rate: 0.04%

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



Run 5: Statistics of TaoVA-100x

Start at: 2017-08-16 23:24:28

End at: 2017-08-16 23:24:58

Local clock offset: 0.034 ms

Remote clock offset: -3.889 ms

Below is generated by plot.py at 2017-08-17 02:01:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.35 Mbit/s

95th percentile per-packet one-way delay: 67.621 ms

Loss rate: 0.03%

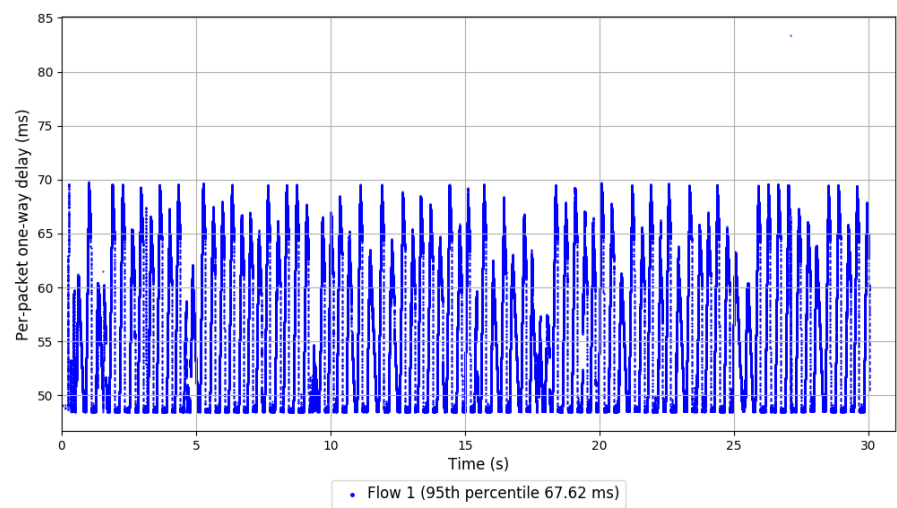
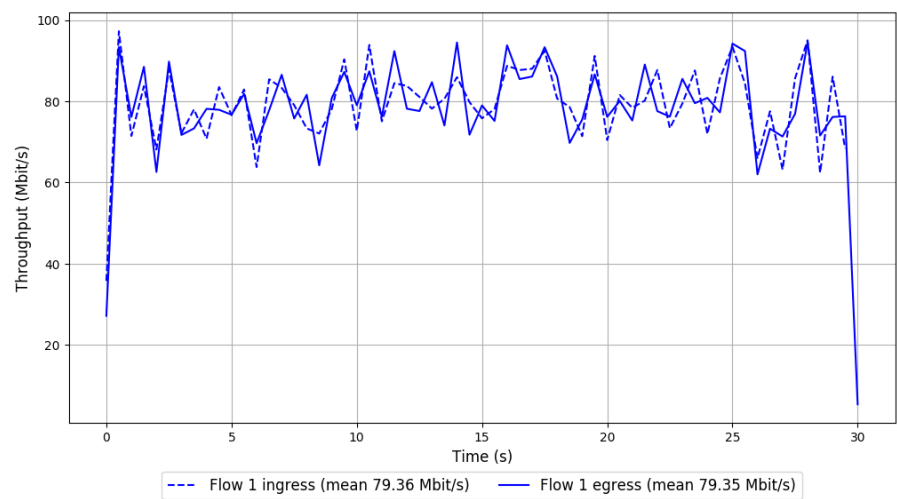
-- Flow 1:

Average throughput: 79.35 Mbit/s

95th percentile per-packet one-way delay: 67.621 ms

Loss rate: 0.03%

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



Run 6: Statistics of TaoVA-100x

Start at: 2017-08-16 23:45:03

End at: 2017-08-16 23:45:33

Local clock offset: 0.293 ms

Remote clock offset: -1.482 ms

Below is generated by plot.py at 2017-08-17 02:01:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.39 Mbit/s

95th percentile per-packet one-way delay: 70.525 ms

Loss rate: 0.10%

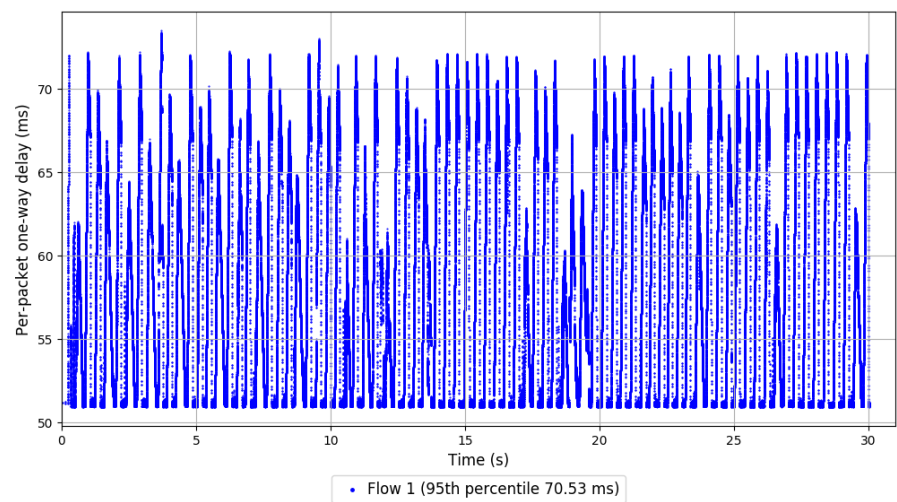
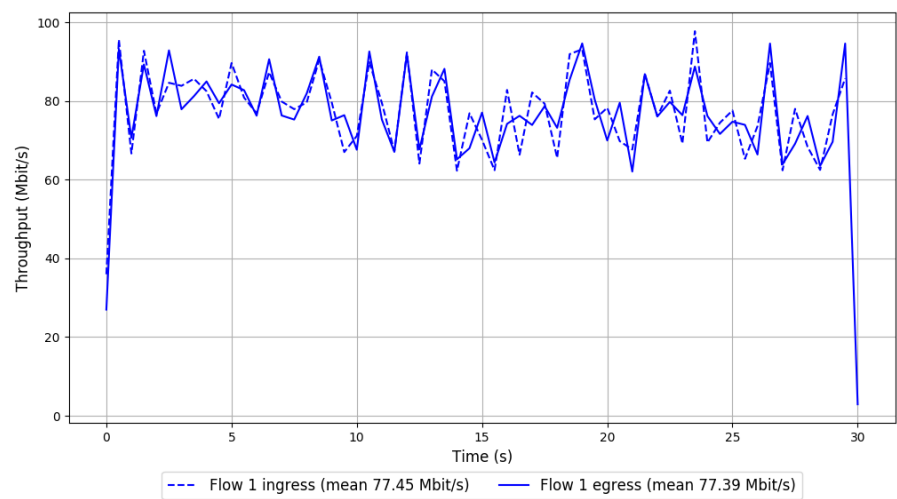
-- Flow 1:

Average throughput: 77.39 Mbit/s

95th percentile per-packet one-way delay: 70.525 ms

Loss rate: 0.10%

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



Run 7: Statistics of TaoVA-100x

Start at: 2017-08-17 00:05:42

End at: 2017-08-17 00:06:13

Local clock offset: 0.29 ms

Remote clock offset: -2.046 ms

Below is generated by plot.py at 2017-08-17 02:02:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 76.15 Mbit/s

95th percentile per-packet one-way delay: 69.988 ms

Loss rate: 0.12%

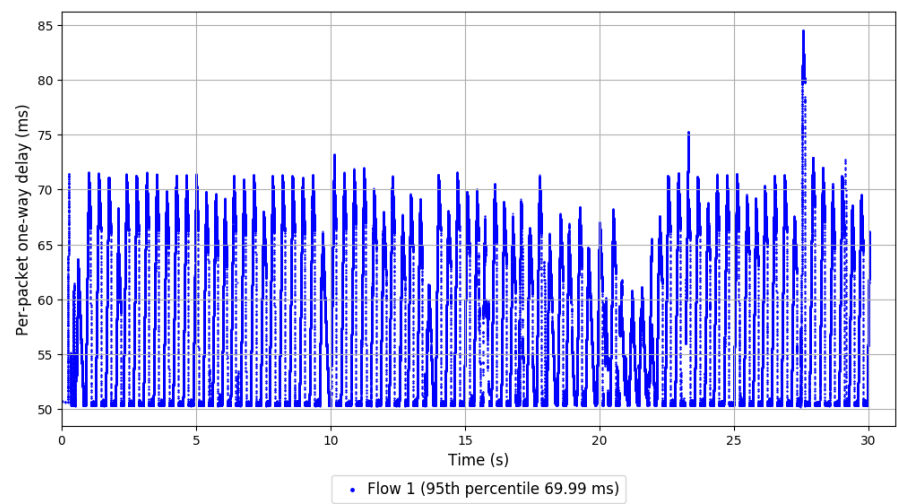
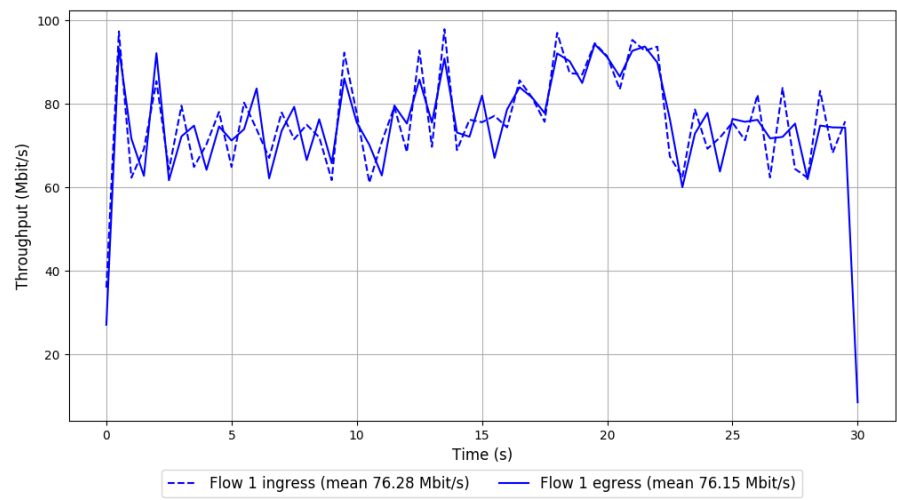
-- Flow 1:

Average throughput: 76.15 Mbit/s

95th percentile per-packet one-way delay: 69.988 ms

Loss rate: 0.12%

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



Run 8: Statistics of TaoVA-100x

Start at: 2017-08-17 00:25:58

End at: 2017-08-17 00:26:28

Local clock offset: 0.237 ms

Remote clock offset: -4.059 ms

Below is generated by plot.py at 2017-08-17 02:02:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.29 Mbit/s

95th percentile per-packet one-way delay: 67.764 ms

Loss rate: 0.13%

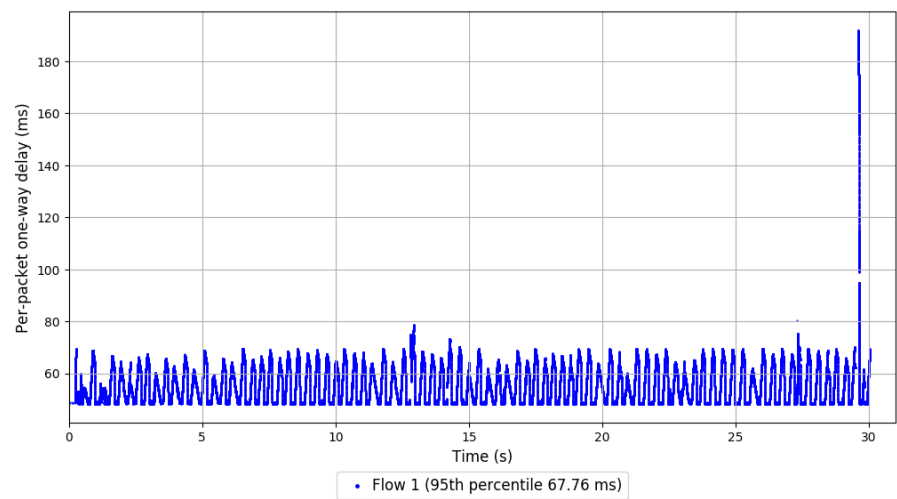
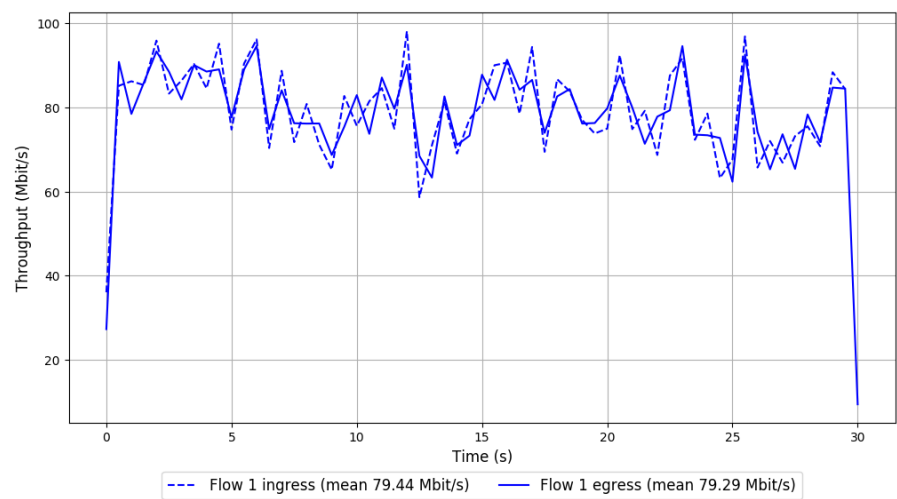
-- Flow 1:

Average throughput: 79.29 Mbit/s

95th percentile per-packet one-way delay: 67.764 ms

Loss rate: 0.13%

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



Run 9: Statistics of TaoVA-100x

Start at: 2017-08-17 00:46:35

End at: 2017-08-17 00:47:05

Local clock offset: 0.312 ms

Remote clock offset: -1.2 ms

Below is generated by plot.py at 2017-08-17 02:02:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.23 Mbit/s

95th percentile per-packet one-way delay: 68.753 ms

Loss rate: 0.02%

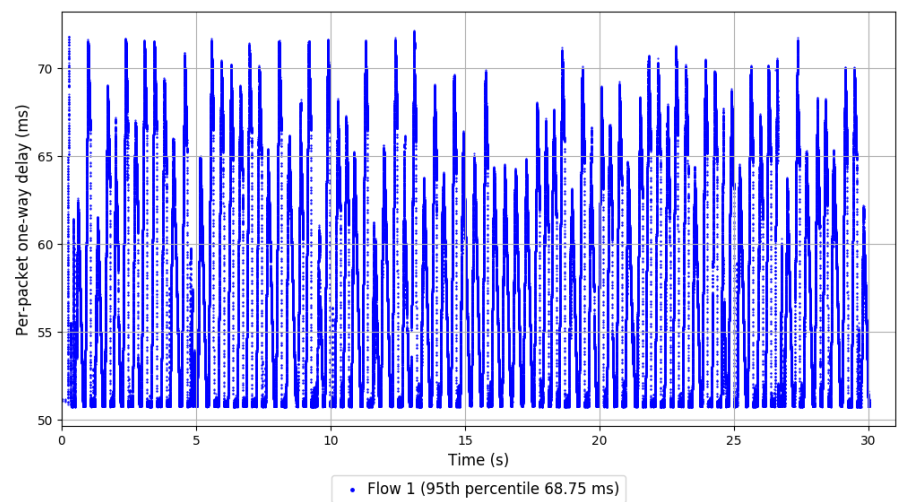
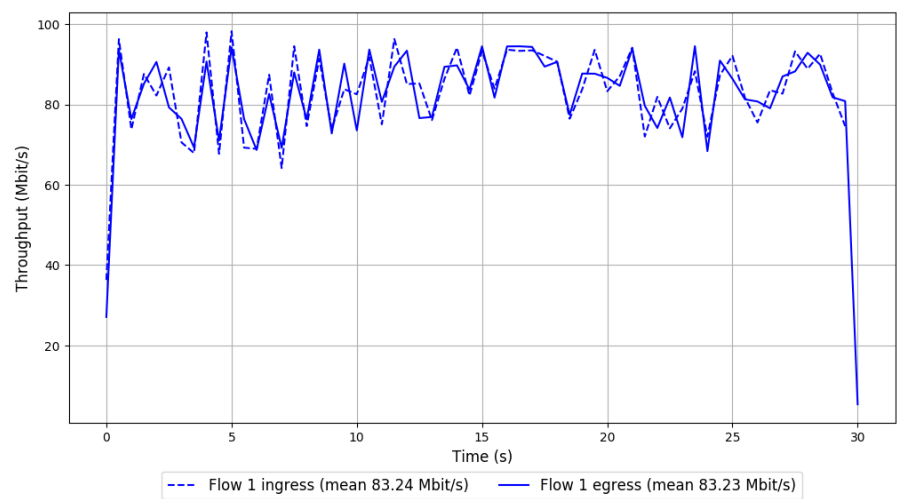
-- Flow 1:

Average throughput: 83.23 Mbit/s

95th percentile per-packet one-way delay: 68.753 ms

Loss rate: 0.02%

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



Run 10: Statistics of TaoVA-100x

Start at: 2017-08-17 01:07:06

End at: 2017-08-17 01:07:36

Local clock offset: 0.233 ms

Remote clock offset: -0.832 ms

Below is generated by plot.py at 2017-08-17 02:02:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.21 Mbit/s

95th percentile per-packet one-way delay: 69.167 ms

Loss rate: 0.00%

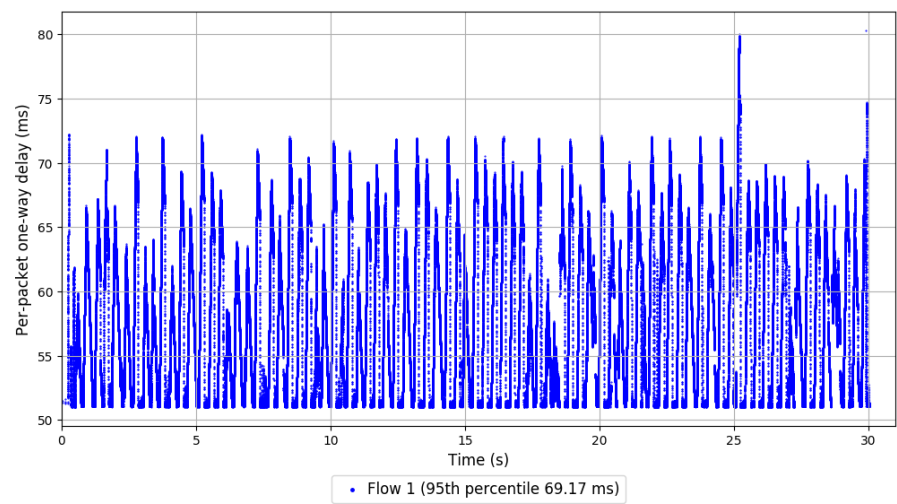
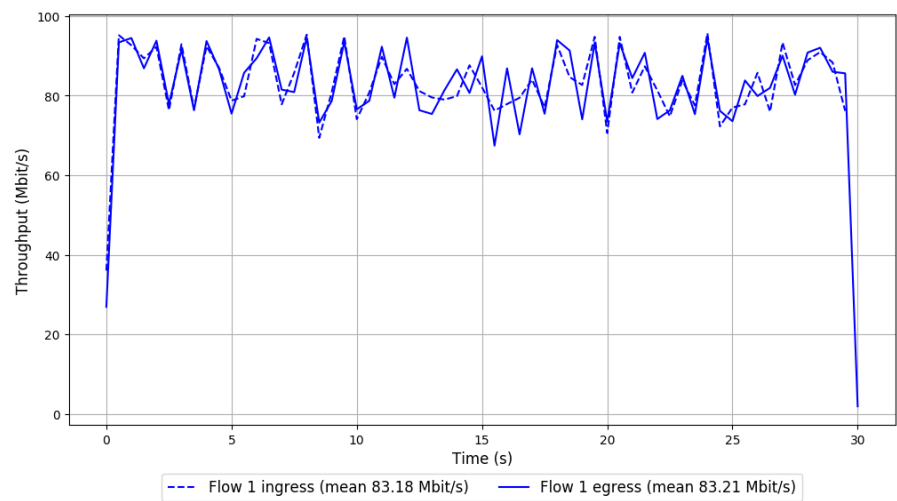
-- Flow 1:

Average throughput: 83.21 Mbit/s

95th percentile per-packet one-way delay: 69.167 ms

Loss rate: 0.00%

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

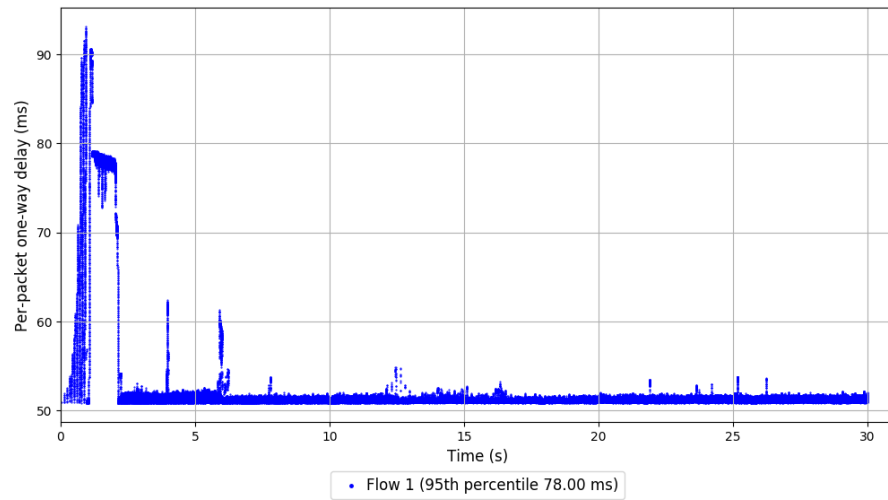
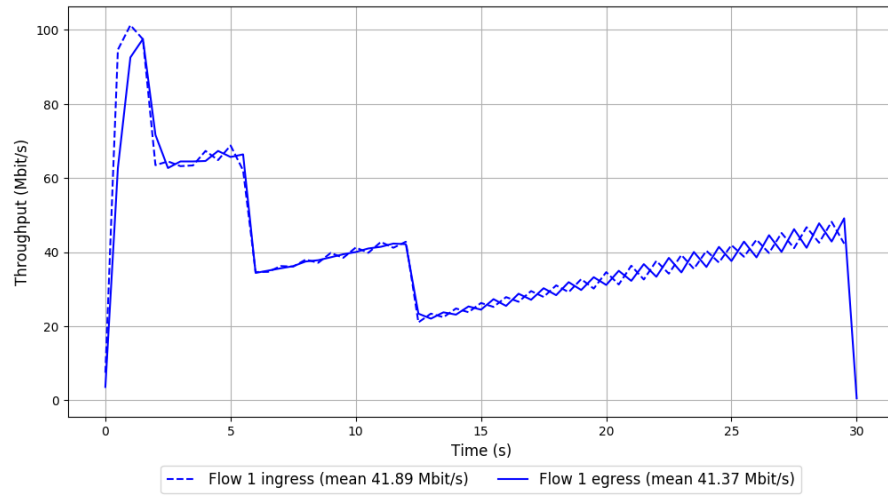


Run 1: Statistics of TCP Vegas

Start at: 2017-08-16 22:08:47
End at: 2017-08-16 22:09:17
Local clock offset: -0.58 ms
Remote clock offset: -0.374 ms

Below is generated by plot.py at 2017-08-17 02:02:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 41.37 Mbit/s
95th percentile per-packet one-way delay: 78.001 ms
Loss rate: 1.27%
-- Flow 1:
Average throughput: 41.37 Mbit/s
95th percentile per-packet one-way delay: 78.001 ms
Loss rate: 1.27%

Run 1: Report of TCP Vegas — Data Link

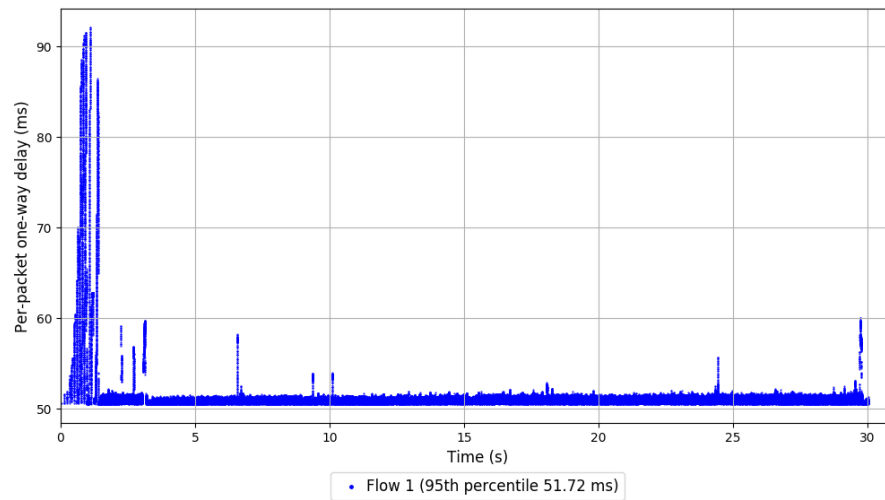
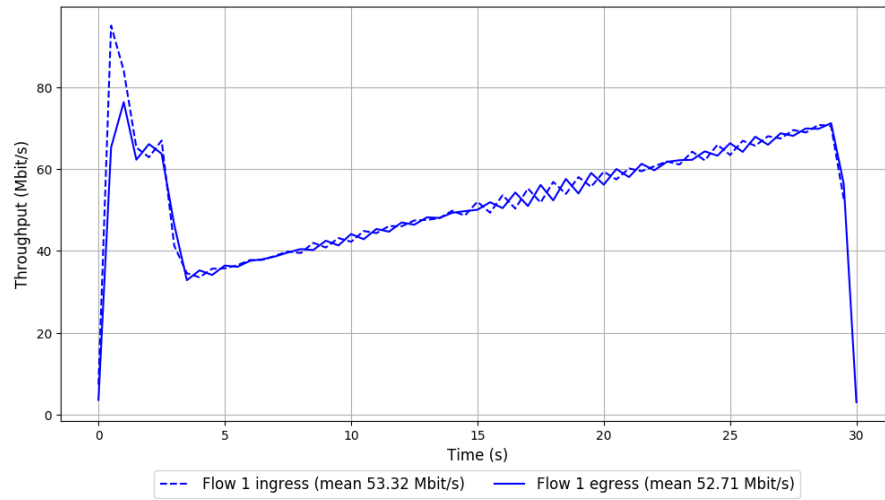


Run 2: Statistics of TCP Vegas

Start at: 2017-08-16 22:29:10
End at: 2017-08-16 22:29:40
Local clock offset: -0.457 ms
Remote clock offset: -1.488 ms

Below is generated by plot.py at 2017-08-17 02:02:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 52.71 Mbit/s
95th percentile per-packet one-way delay: 51.720 ms
Loss rate: 1.15%
-- Flow 1:
Average throughput: 52.71 Mbit/s
95th percentile per-packet one-way delay: 51.720 ms
Loss rate: 1.15%

Run 2: Report of TCP Vegas — Data Link

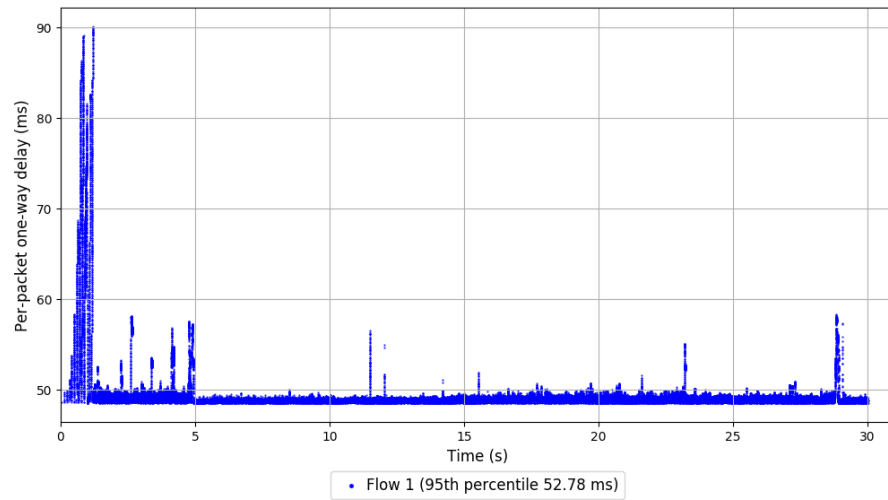
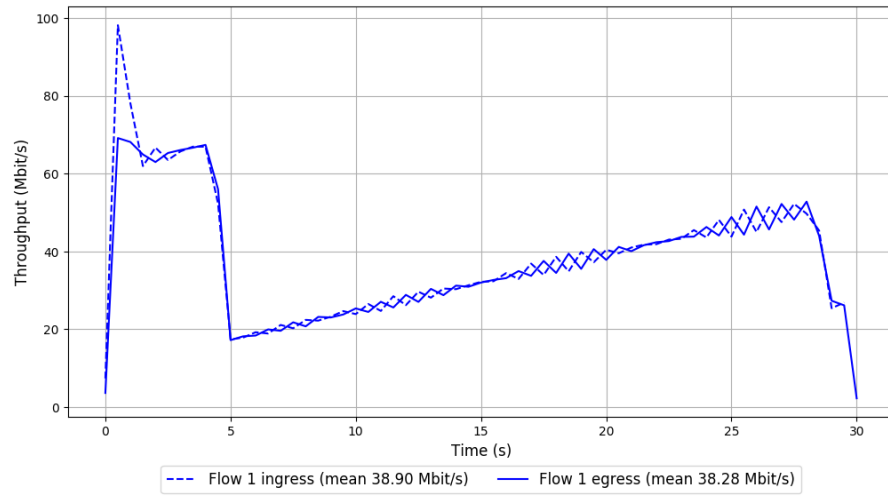


Run 3: Statistics of TCP Vegas

Start at: 2017-08-16 22:50:11
End at: 2017-08-16 22:50:42
Local clock offset: -0.379 ms
Remote clock offset: -3.649 ms

Below is generated by plot.py at 2017-08-17 02:02:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 38.28 Mbit/s
95th percentile per-packet one-way delay: 52.783 ms
Loss rate: 1.60%
-- Flow 1:
Average throughput: 38.28 Mbit/s
95th percentile per-packet one-way delay: 52.783 ms
Loss rate: 1.60%

Run 3: Report of TCP Vegas — Data Link

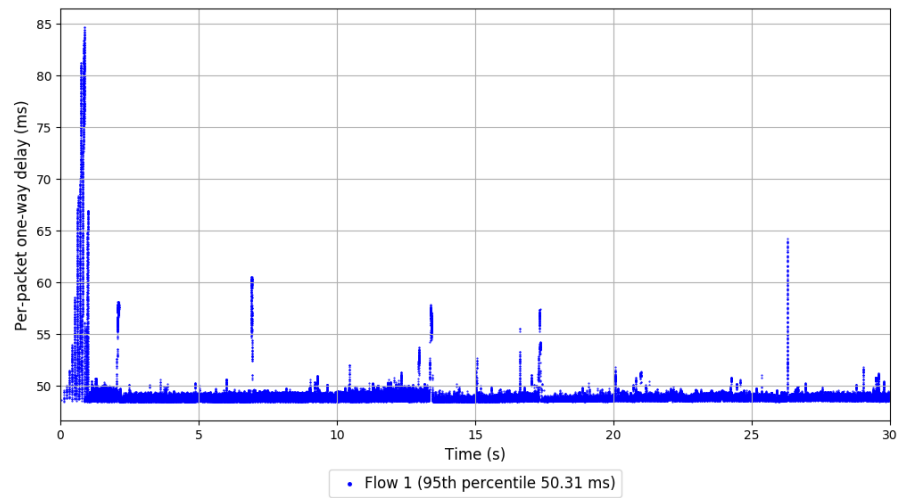
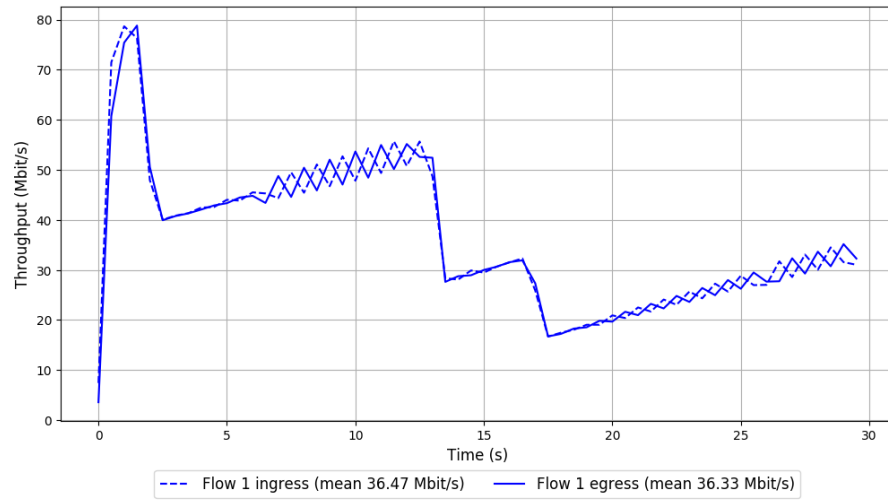


Run 4: Statistics of TCP Vegas

Start at: 2017-08-16 23:10:49
End at: 2017-08-16 23:11:19
Local clock offset: -0.175 ms
Remote clock offset: -3.687 ms

Below is generated by plot.py at 2017-08-17 02:02:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 36.33 Mbit/s
95th percentile per-packet one-way delay: 50.308 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 36.33 Mbit/s
95th percentile per-packet one-way delay: 50.308 ms
Loss rate: 0.43%

Run 4: Report of TCP Vegas — Data Link

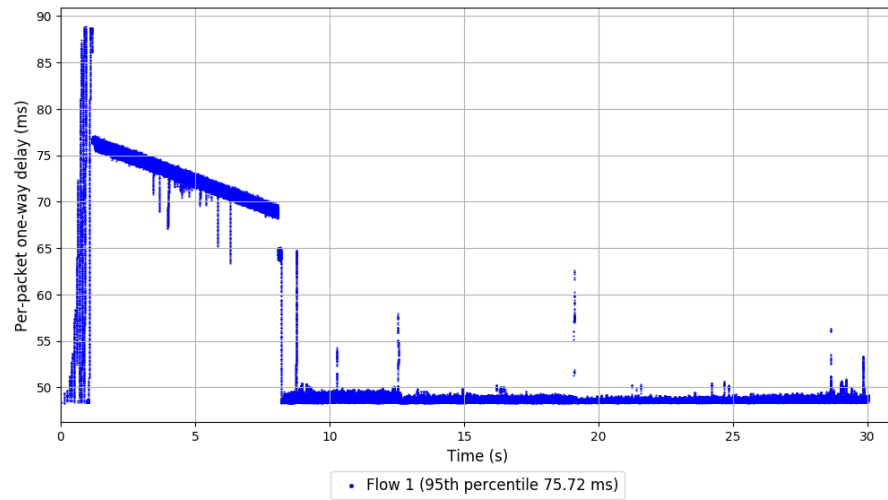
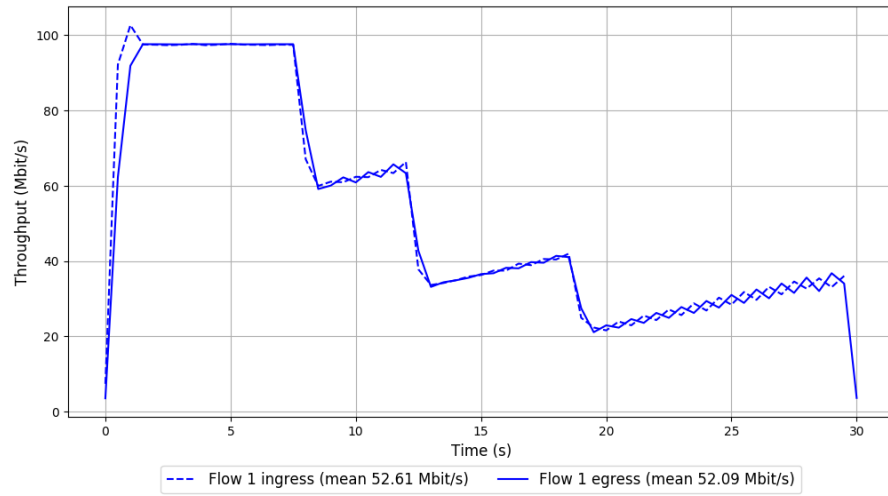


Run 5: Statistics of TCP Vegas

Start at: 2017-08-16 23:31:16
End at: 2017-08-16 23:31:46
Local clock offset: 0.145 ms
Remote clock offset: -3.842 ms

Below is generated by plot.py at 2017-08-17 02:02:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 52.09 Mbit/s
95th percentile per-packet one-way delay: 75.720 ms
Loss rate: 0.99%
-- Flow 1:
Average throughput: 52.09 Mbit/s
95th percentile per-packet one-way delay: 75.720 ms
Loss rate: 0.99%

Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: 2017-08-16 23:51:57

End at: 2017-08-16 23:52:27

Local clock offset: 0.378 ms

Remote clock offset: -1.43 ms

Below is generated by plot.py at 2017-08-17 02:02:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.90 Mbit/s

95th percentile per-packet one-way delay: 58.650 ms

Loss rate: 0.00%

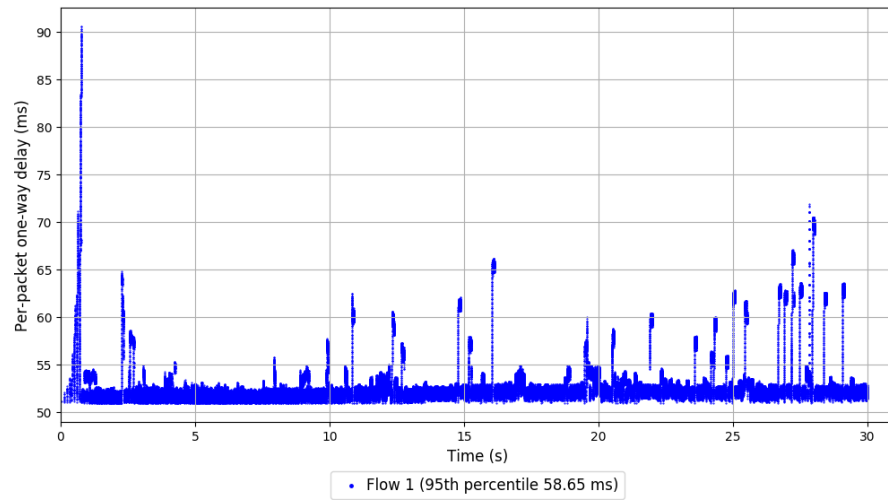
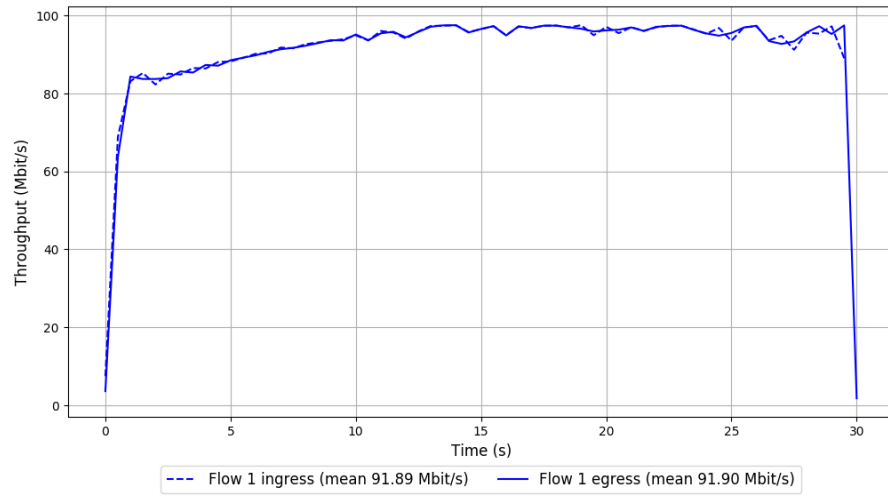
-- Flow 1:

Average throughput: 91.90 Mbit/s

95th percentile per-packet one-way delay: 58.650 ms

Loss rate: 0.00%

Run 6: Report of TCP Vegas — Data Link

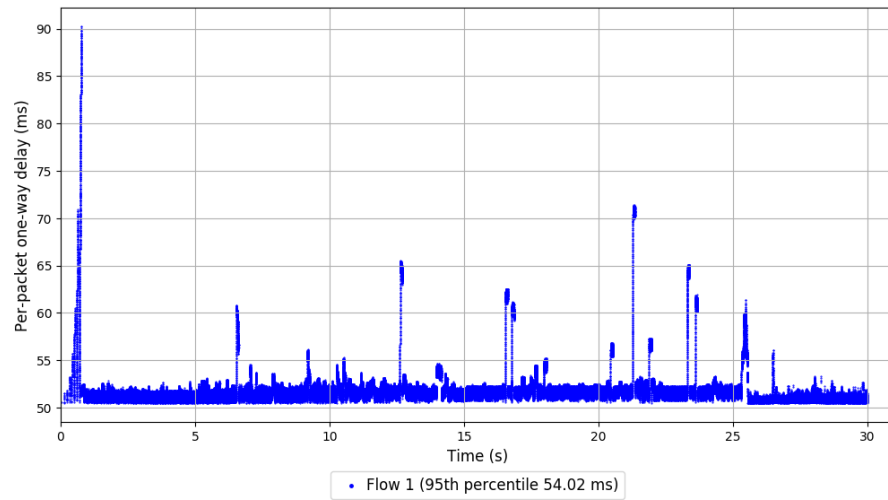
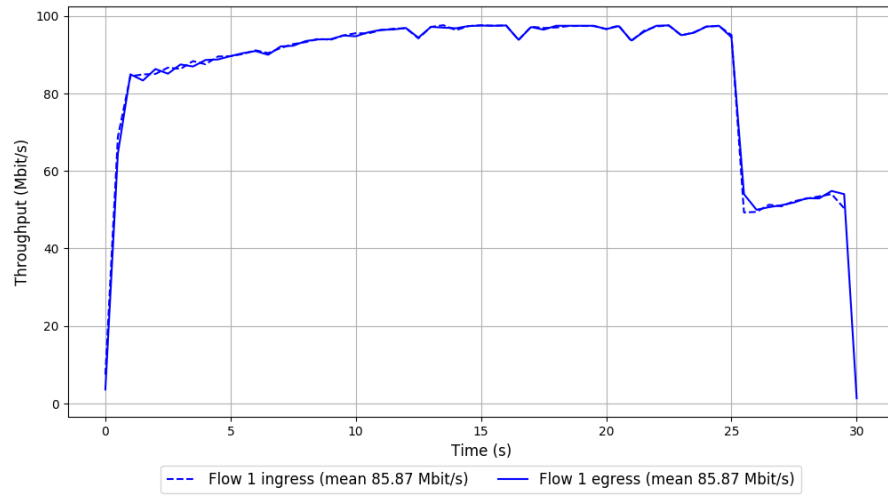


Run 7: Statistics of TCP Vegas

Start at: 2017-08-17 00:12:23
End at: 2017-08-17 00:12:53
Local clock offset: 0.262 ms
Remote clock offset: -2.067 ms

Below is generated by plot.py at 2017-08-17 02:03:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 85.87 Mbit/s
95th percentile per-packet one-way delay: 54.021 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 85.87 Mbit/s
95th percentile per-packet one-way delay: 54.021 ms
Loss rate: 0.01%

Run 7: Report of TCP Vegas — Data Link

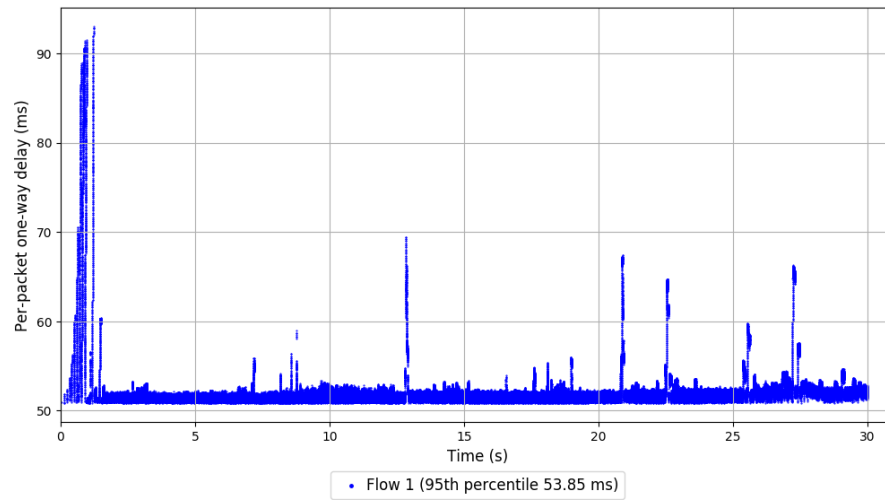
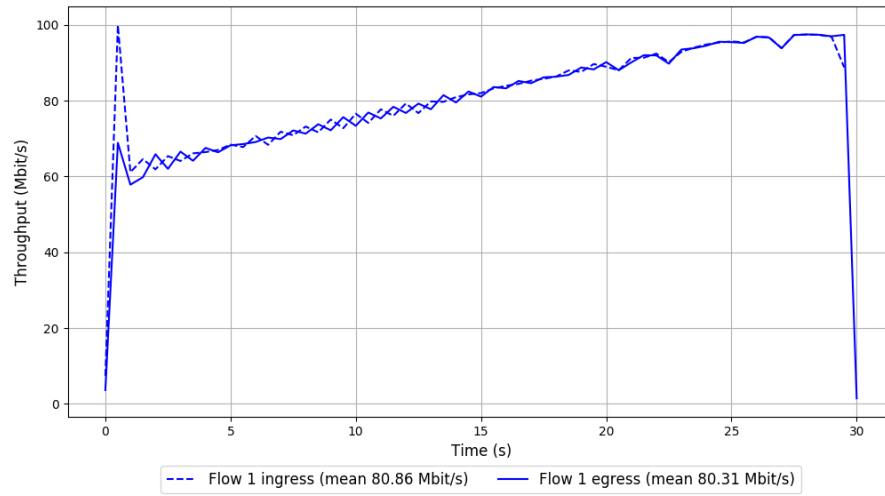


Run 8: Statistics of TCP Vegas

Start at: 2017-08-17 00:32:51
End at: 2017-08-17 00:33:21
Local clock offset: 0.335 ms
Remote clock offset: -1.566 ms

Below is generated by plot.py at 2017-08-17 02:03:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.31 Mbit/s
95th percentile per-packet one-way delay: 53.847 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 80.31 Mbit/s
95th percentile per-packet one-way delay: 53.847 ms
Loss rate: 0.71%

Run 8: Report of TCP Vegas — Data Link

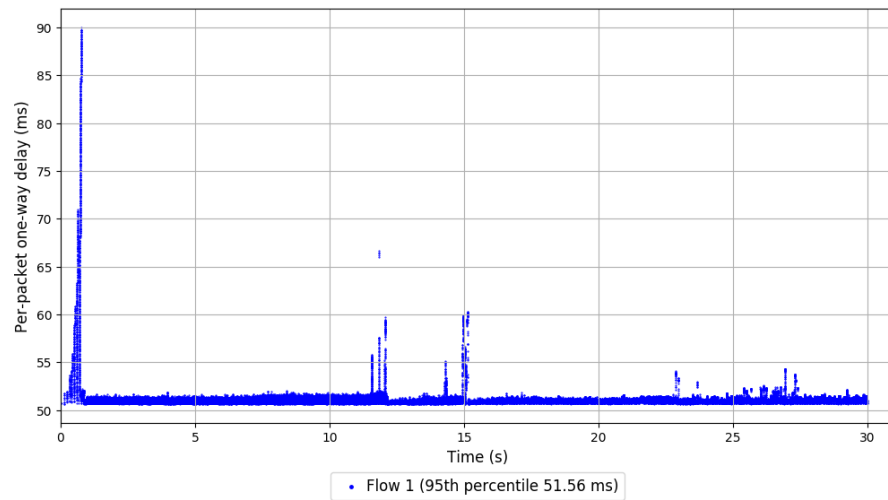
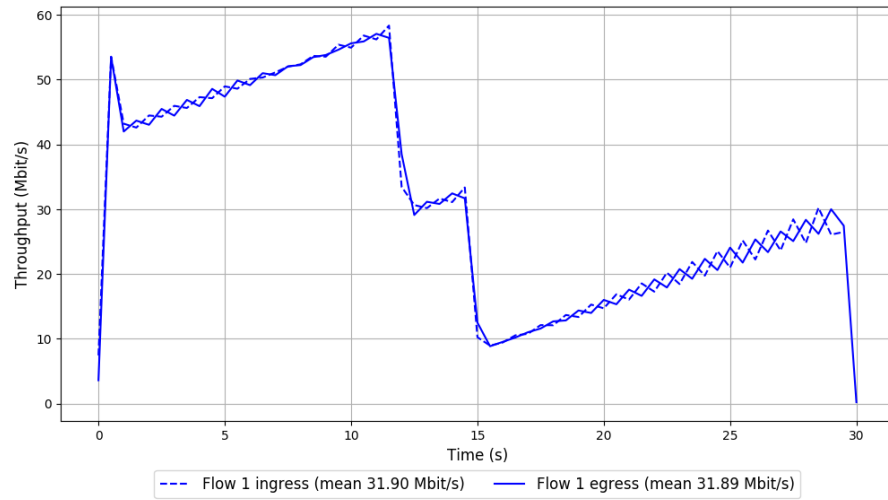


Run 9: Statistics of TCP Vegas

Start at: 2017-08-17 00:53:22
End at: 2017-08-17 00:53:52
Local clock offset: 0.308 ms
Remote clock offset: -1.083 ms

Below is generated by plot.py at 2017-08-17 02:03:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 31.89 Mbit/s
95th percentile per-packet one-way delay: 51.558 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 31.89 Mbit/s
95th percentile per-packet one-way delay: 51.558 ms
Loss rate: 0.06%

Run 9: Report of TCP Vegas — Data Link

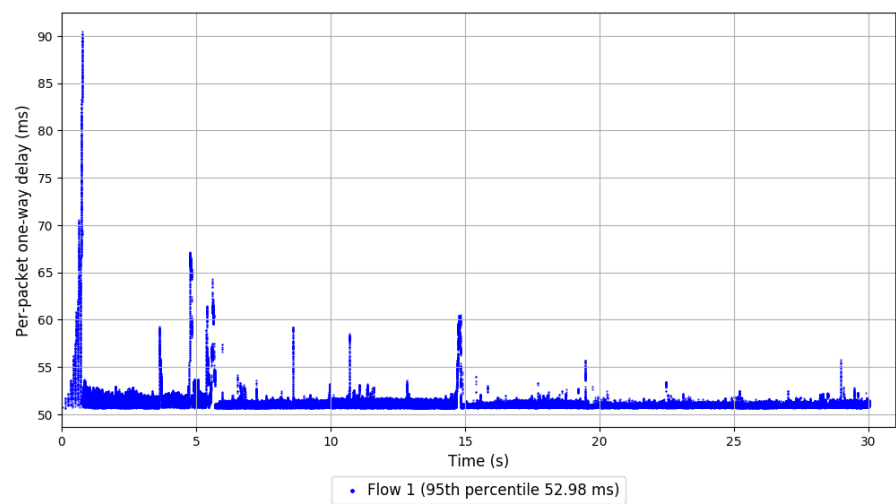
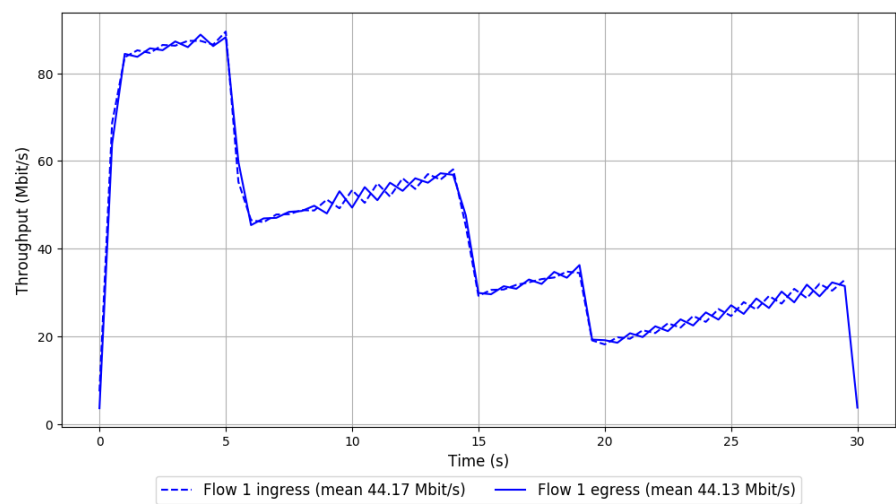


Run 10: Statistics of TCP Vegas

Start at: 2017-08-17 01:14:00
End at: 2017-08-17 01:14:30
Local clock offset: 0.27 ms
Remote clock offset: -1.141 ms

Below is generated by plot.py at 2017-08-17 02:03:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 44.13 Mbit/s
95th percentile per-packet one-way delay: 52.983 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 44.13 Mbit/s
95th percentile per-packet one-way delay: 52.983 ms
Loss rate: 0.08%

Run 10: Report of TCP Vegas — Data Link

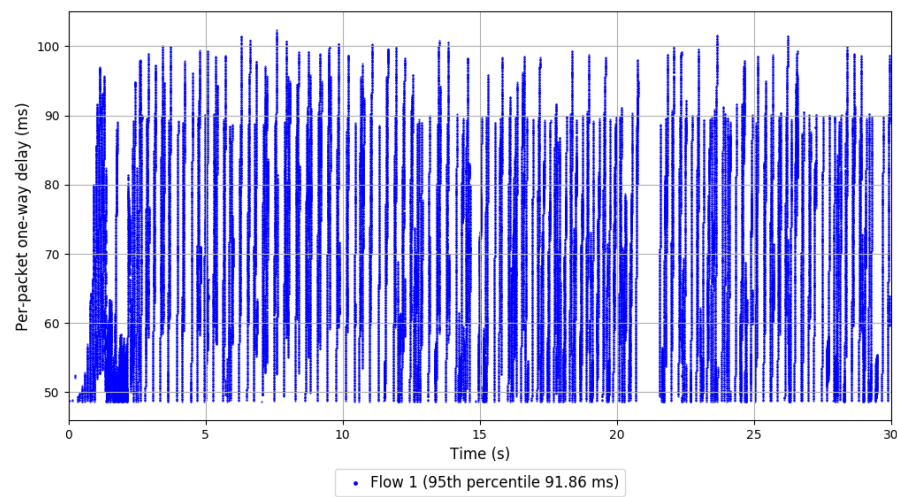
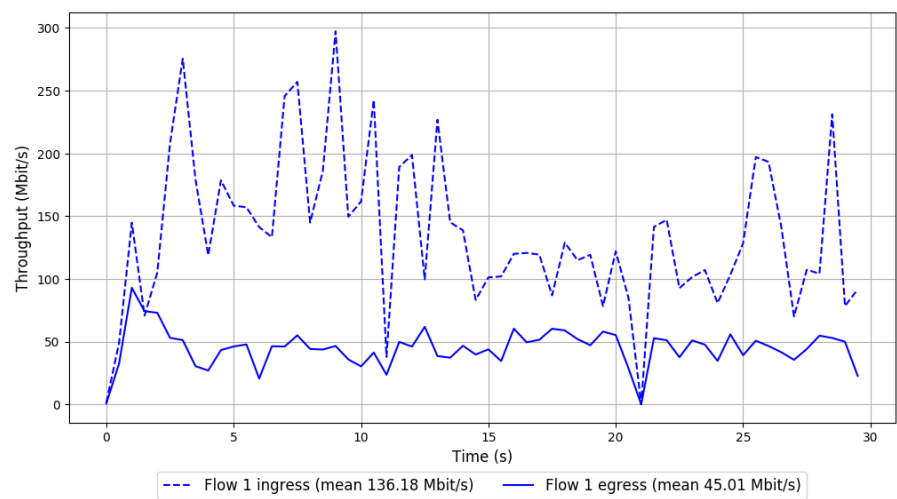


Run 1: Statistics of Verus

Start at: 2017-08-16 22:15:30
End at: 2017-08-16 22:16:00
Local clock offset: -0.586 ms
Remote clock offset: -3.114 ms

Below is generated by plot.py at 2017-08-17 02:03:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 45.01 Mbit/s
95th percentile per-packet one-way delay: 91.858 ms
Loss rate: 66.93%
-- Flow 1:
Average throughput: 45.01 Mbit/s
95th percentile per-packet one-way delay: 91.858 ms
Loss rate: 66.93%

Run 1: Report of Verus — Data Link

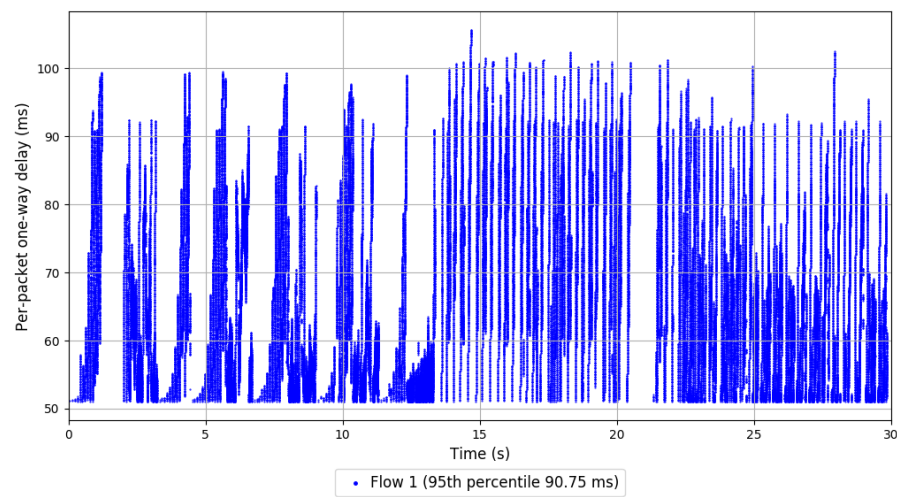
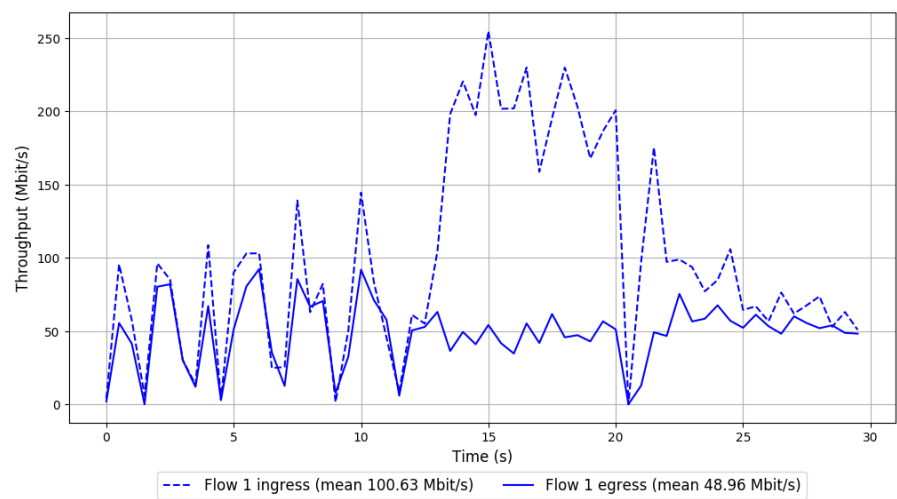


Run 2: Statistics of Verus

Start at: 2017-08-16 22:36:03
End at: 2017-08-16 22:36:33
Local clock offset: -0.476 ms
Remote clock offset: -1.167 ms

Below is generated by plot.py at 2017-08-17 02:03:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 48.96 Mbit/s
95th percentile per-packet one-way delay: 90.748 ms
Loss rate: 51.34%
-- Flow 1:
Average throughput: 48.96 Mbit/s
95th percentile per-packet one-way delay: 90.748 ms
Loss rate: 51.34%

Run 2: Report of Verus — Data Link

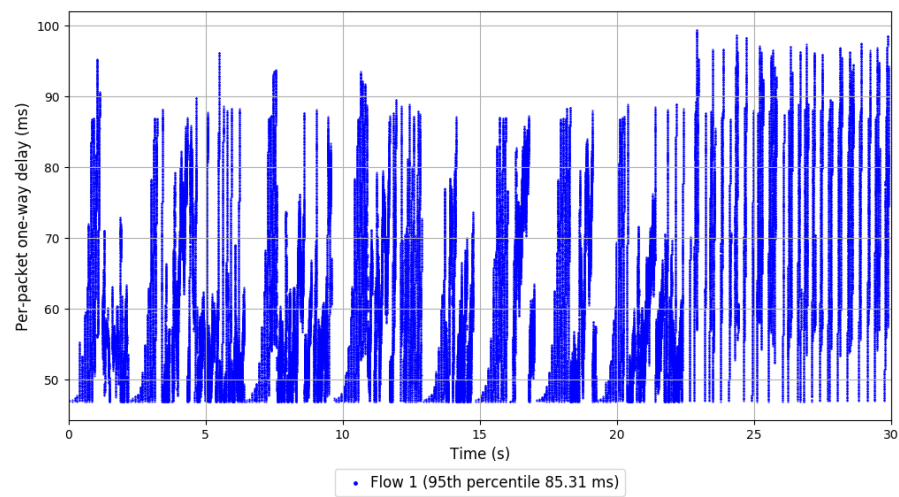
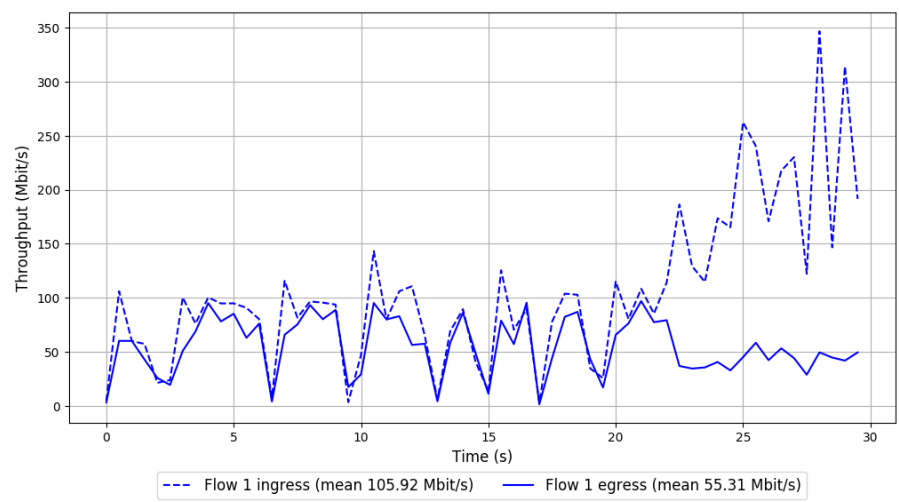


Run 3: Statistics of Verus

Start at: 2017-08-16 22:57:14
End at: 2017-08-16 22:57:44
Local clock offset: -0.311 ms
Remote clock offset: -3.625 ms

Below is generated by plot.py at 2017-08-17 02:03:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 55.31 Mbit/s
95th percentile per-packet one-way delay: 85.309 ms
Loss rate: 47.75%
-- Flow 1:
Average throughput: 55.31 Mbit/s
95th percentile per-packet one-way delay: 85.309 ms
Loss rate: 47.75%

Run 3: Report of Verus — Data Link

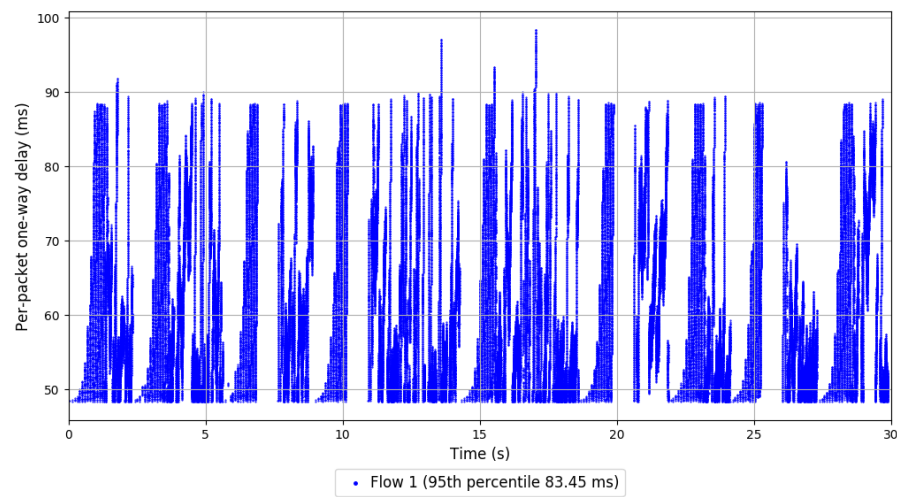
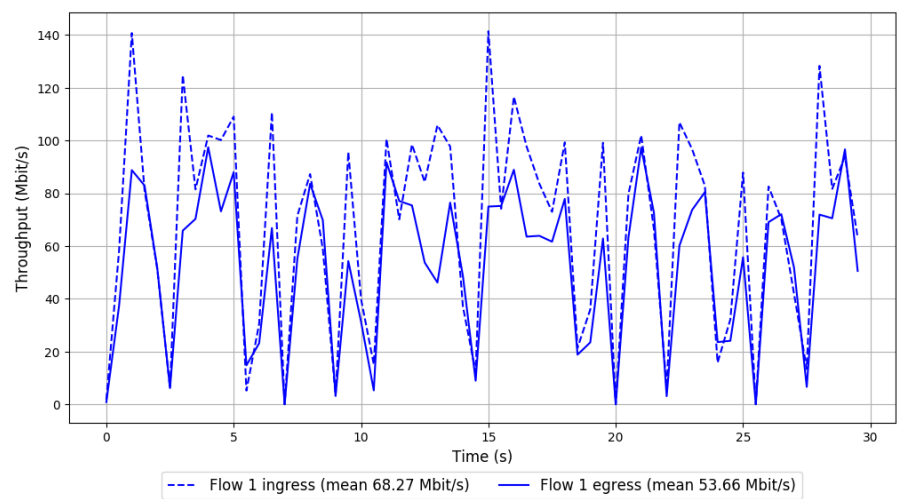


Run 4: Statistics of Verus

Start at: 2017-08-16 23:17:28
End at: 2017-08-16 23:17:58
Local clock offset: 0.024 ms
Remote clock offset: -3.781 ms

Below is generated by plot.py at 2017-08-17 02:03:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 53.66 Mbit/s
95th percentile per-packet one-way delay: 83.455 ms
Loss rate: 21.42%
-- Flow 1:
Average throughput: 53.66 Mbit/s
95th percentile per-packet one-way delay: 83.455 ms
Loss rate: 21.42%

Run 4: Report of Verus — Data Link

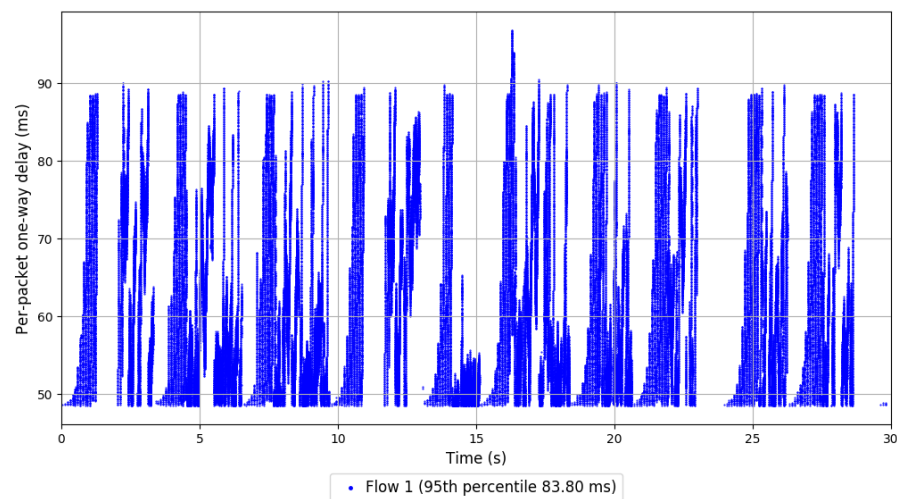
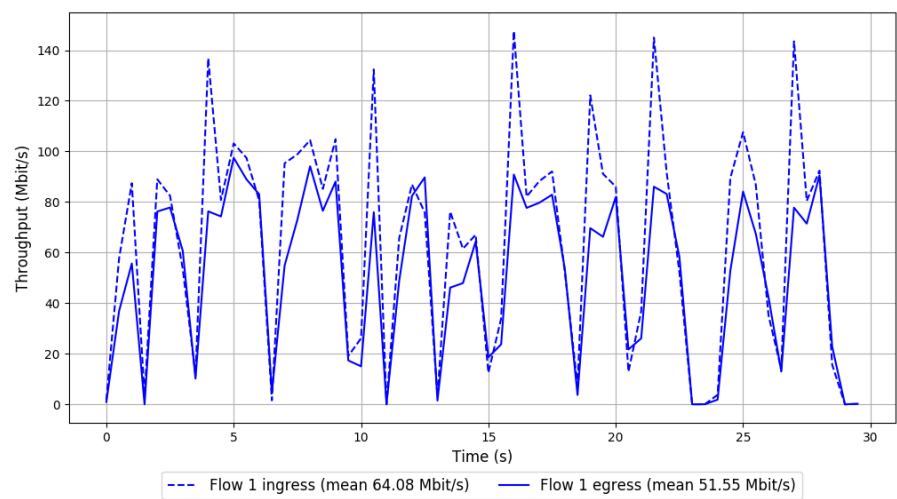


Run 5: Statistics of Verus

Start at: 2017-08-16 23:38:07
End at: 2017-08-16 23:38:37
Local clock offset: 0.282 ms
Remote clock offset: -3.838 ms

Below is generated by plot.py at 2017-08-17 02:03:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 51.55 Mbit/s
95th percentile per-packet one-way delay: 83.801 ms
Loss rate: 19.55%
-- Flow 1:
Average throughput: 51.55 Mbit/s
95th percentile per-packet one-way delay: 83.801 ms
Loss rate: 19.55%

Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: 2017-08-16 23:58:50

End at: 2017-08-16 23:59:20

Local clock offset: 0.291 ms

Remote clock offset: -1.55 ms

Below is generated by plot.py at 2017-08-17 02:03:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 51.09 Mbit/s

95th percentile per-packet one-way delay: 88.176 ms

Loss rate: 48.66%

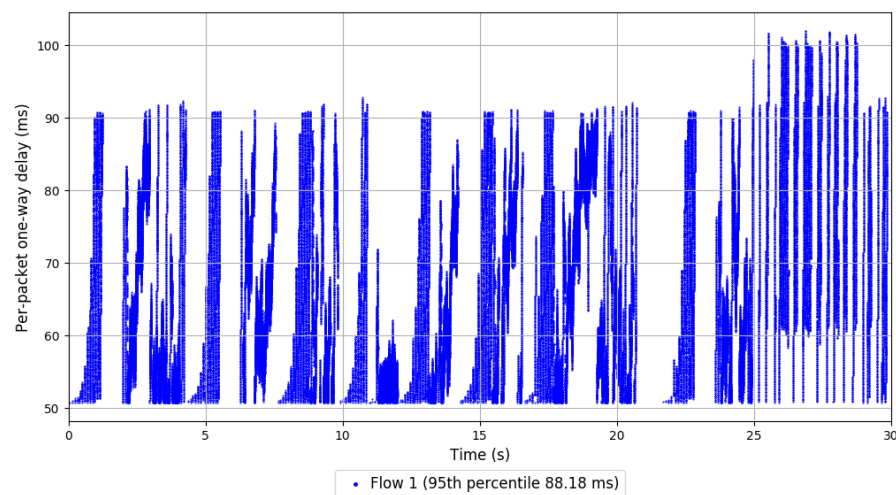
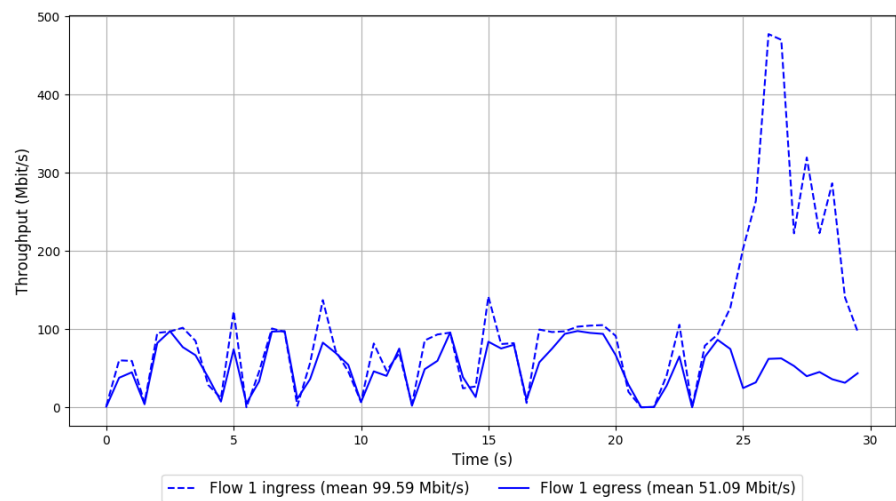
-- Flow 1:

Average throughput: 51.09 Mbit/s

95th percentile per-packet one-way delay: 88.176 ms

Loss rate: 48.66%

Run 6: Report of Verus — Data Link

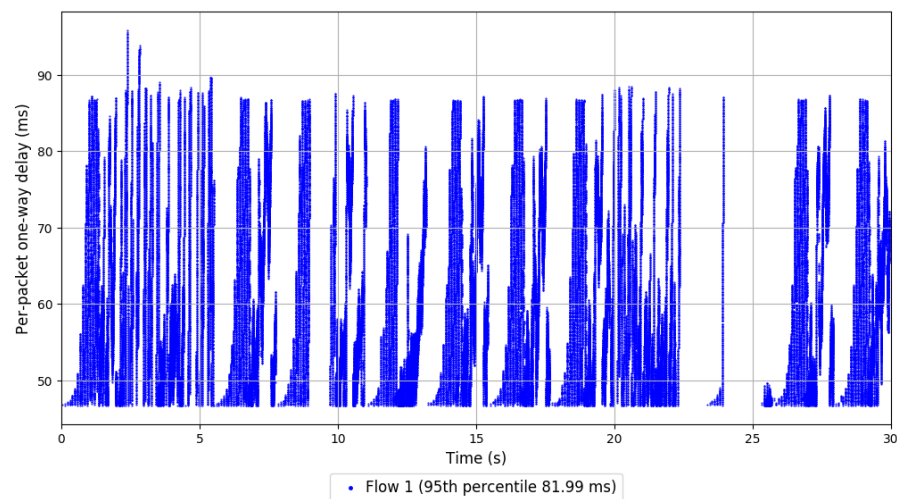
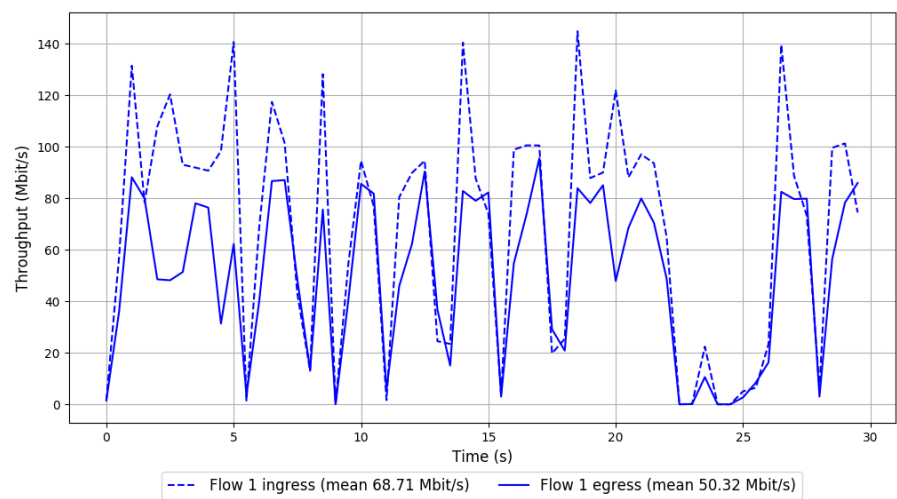


Run 7: Statistics of Verus

Start at: 2017-08-17 00:19:09
End at: 2017-08-17 00:19:39
Local clock offset: 0.272 ms
Remote clock offset: -4.199 ms

Below is generated by plot.py at 2017-08-17 02:03:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.32 Mbit/s
95th percentile per-packet one-way delay: 81.989 ms
Loss rate: 26.72%
-- Flow 1:
Average throughput: 50.32 Mbit/s
95th percentile per-packet one-way delay: 81.989 ms
Loss rate: 26.72%

Run 7: Report of Verus — Data Link

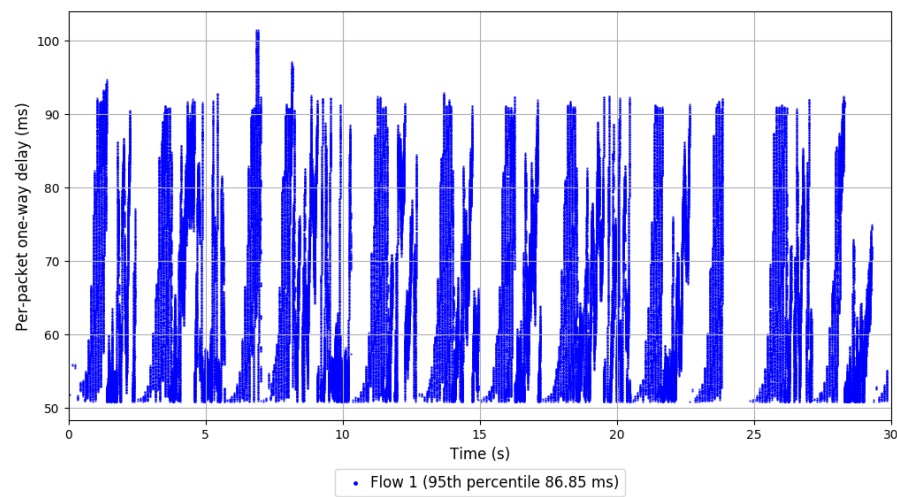
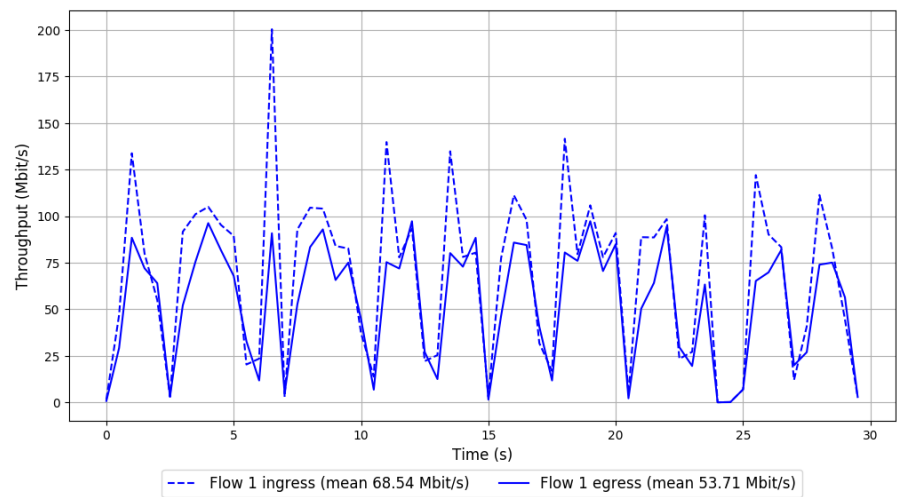


Run 8: Statistics of Verus

Start at: 2017-08-17 00:39:43
End at: 2017-08-17 00:40:13
Local clock offset: 0.31 ms
Remote clock offset: -1.239 ms

Below is generated by plot.py at 2017-08-17 02:03:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 53.71 Mbit/s
95th percentile per-packet one-way delay: 86.852 ms
Loss rate: 21.63%
-- Flow 1:
Average throughput: 53.71 Mbit/s
95th percentile per-packet one-way delay: 86.852 ms
Loss rate: 21.63%

Run 8: Report of Verus — Data Link

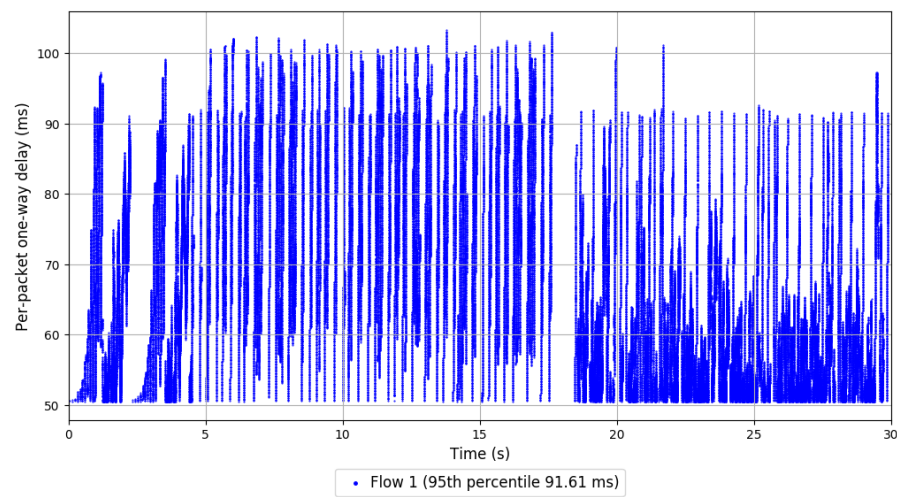
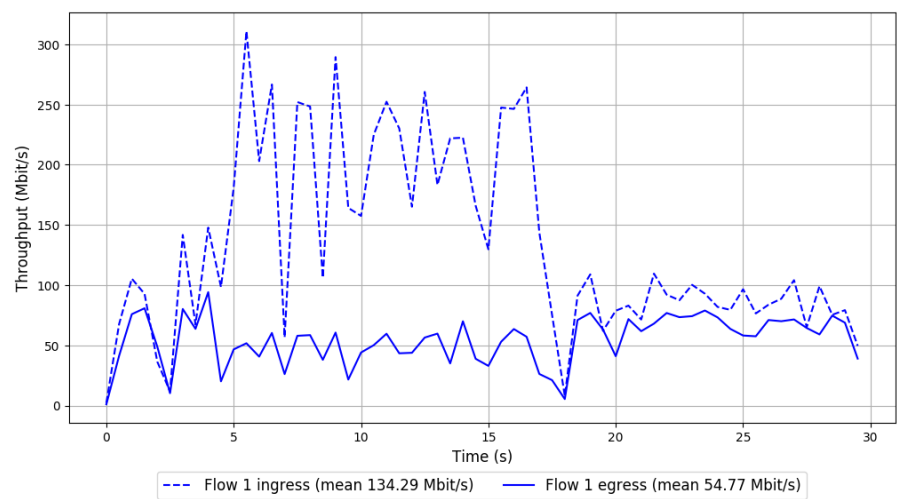


Run 9: Statistics of Verus

Start at: 2017-08-17 01:00:08
End at: 2017-08-17 01:00:38
Local clock offset: 0.254 ms
Remote clock offset: -1.365 ms

Below is generated by plot.py at 2017-08-17 02:03:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 54.77 Mbit/s
95th percentile per-packet one-way delay: 91.606 ms
Loss rate: 59.17%
-- Flow 1:
Average throughput: 54.77 Mbit/s
95th percentile per-packet one-way delay: 91.606 ms
Loss rate: 59.17%

Run 9: Report of Verus — Data Link

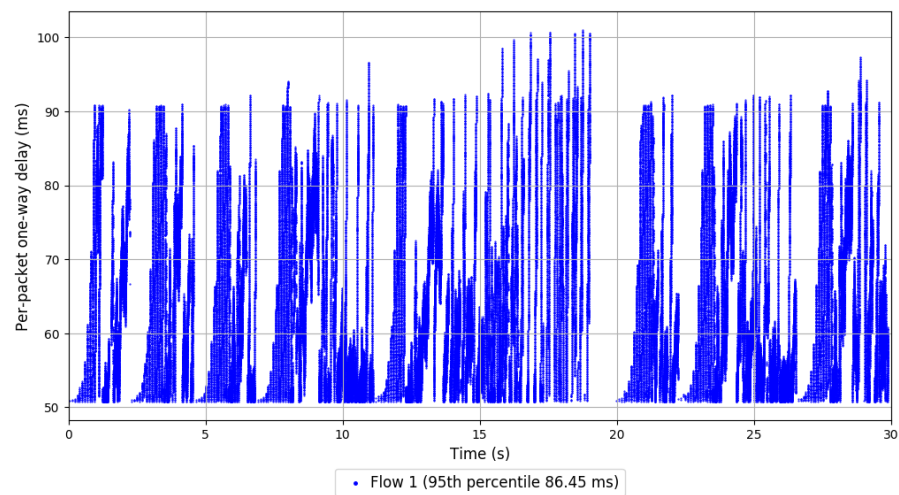
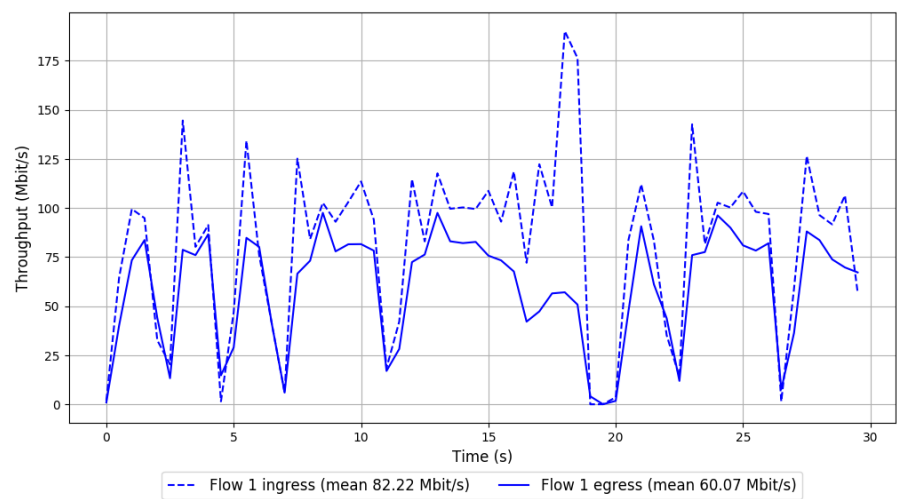


Run 10: Statistics of Verus

Start at: 2017-08-17 01:20:43
End at: 2017-08-17 01:21:13
Local clock offset: 0.265 ms
Remote clock offset: -0.916 ms

Below is generated by plot.py at 2017-08-17 02:03:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 60.07 Mbit/s
95th percentile per-packet one-way delay: 86.451 ms
Loss rate: 26.92%
-- Flow 1:
Average throughput: 60.07 Mbit/s
95th percentile per-packet one-way delay: 86.451 ms
Loss rate: 26.92%

Run 10: Report of Verus — Data Link

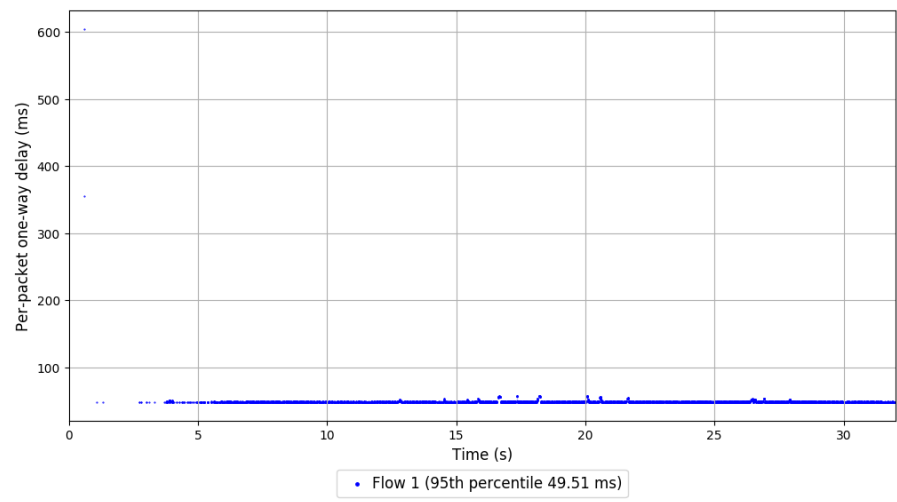
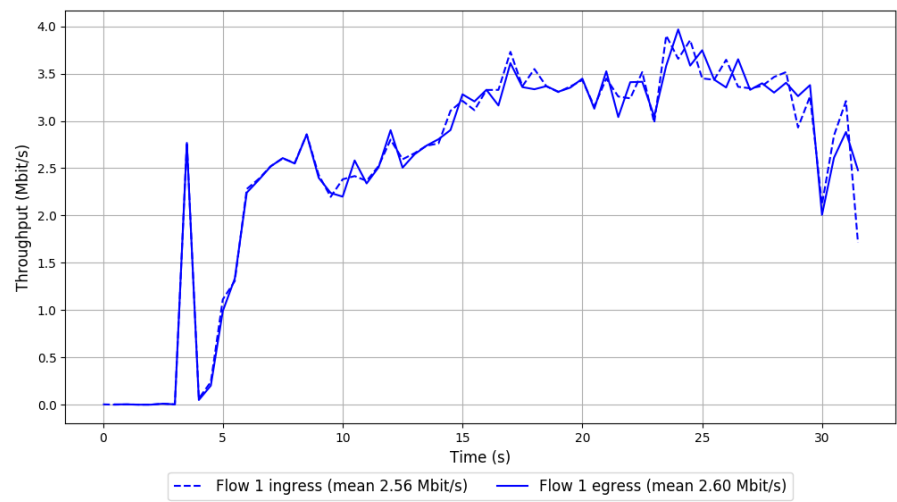


Run 1: Statistics of WebRTC media

Start at: 2017-08-16 22:04:51
End at: 2017-08-16 22:05:21
Local clock offset: -0.506 ms
Remote clock offset: -2.951 ms

Below is generated by plot.py at 2017-08-17 02:03:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.60 Mbit/s
95th percentile per-packet one-way delay: 49.514 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 2.60 Mbit/s
95th percentile per-packet one-way delay: 49.514 ms
Loss rate: 0.29%

Run 1: Report of WebRTC media — Data Link

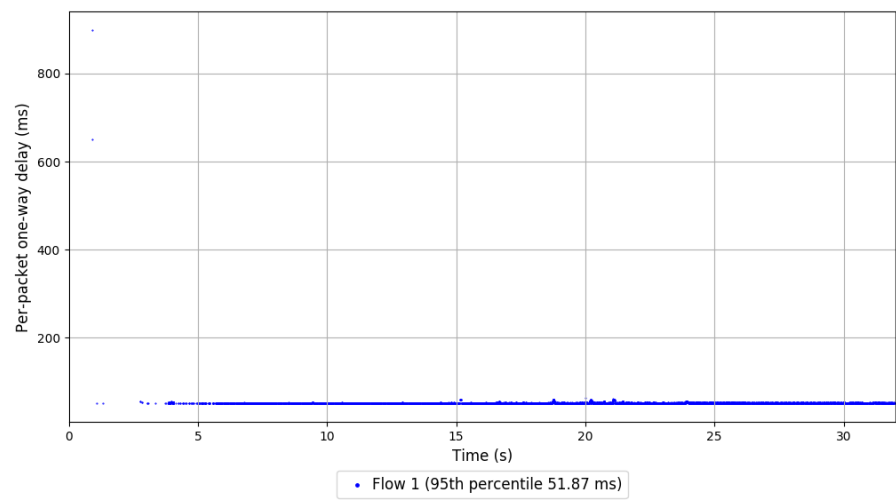
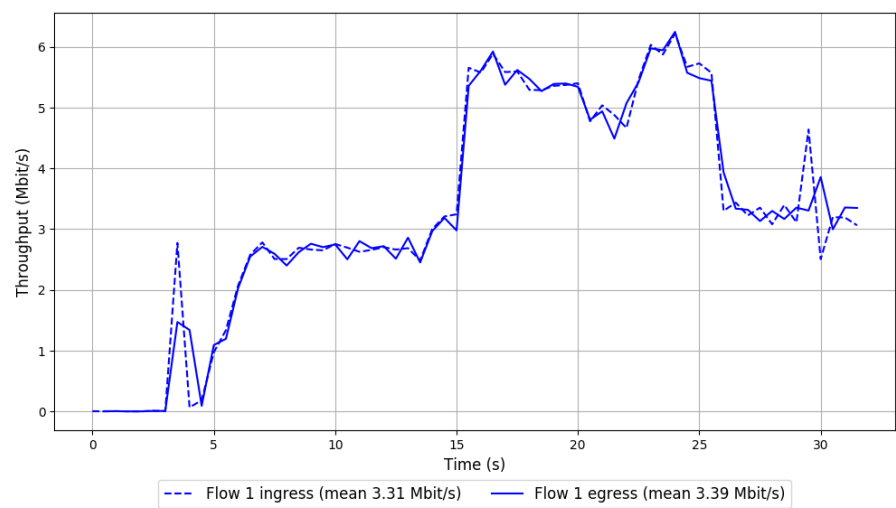


Run 2: Statistics of WebRTC media

Start at: 2017-08-16 22:25:01
End at: 2017-08-16 22:25:31
Local clock offset: -0.459 ms
Remote clock offset: -1.358 ms

Below is generated by plot.py at 2017-08-17 02:03:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 3.39 Mbit/s
95th percentile per-packet one-way delay: 51.868 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 3.39 Mbit/s
95th percentile per-packet one-way delay: 51.868 ms
Loss rate: 0.20%

Run 2: Report of WebRTC media — Data Link

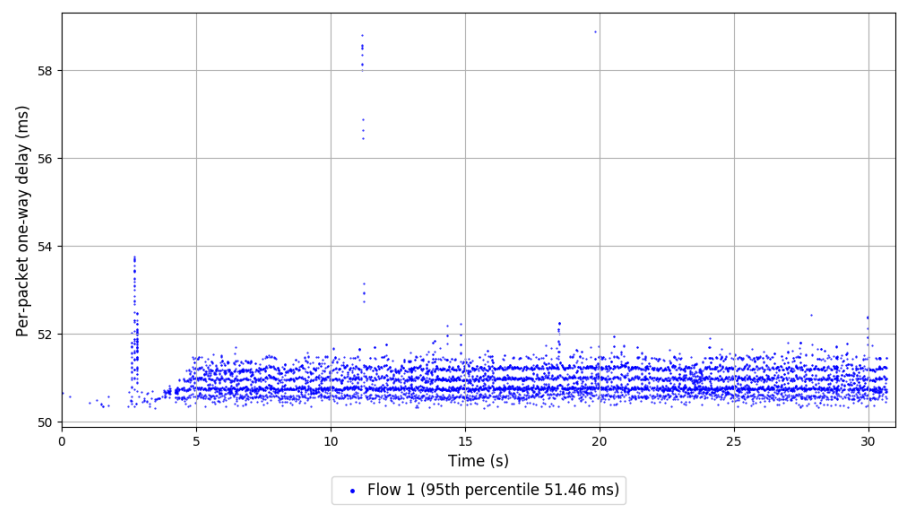
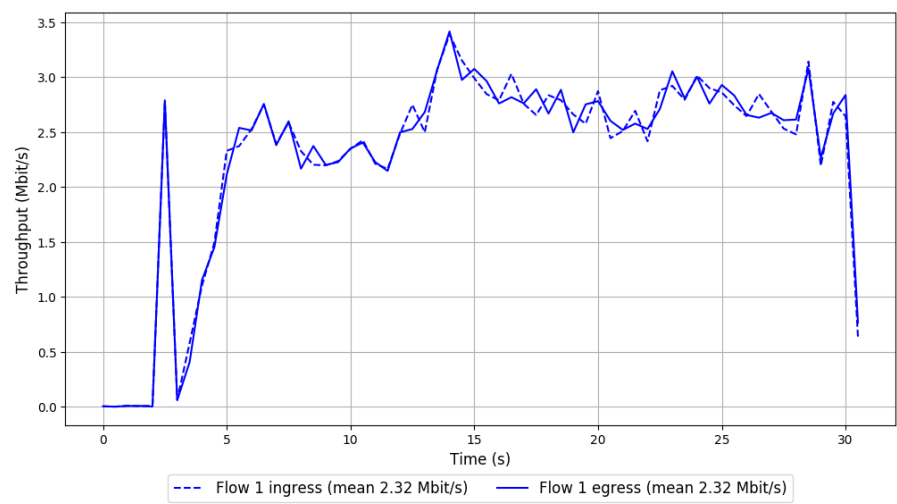


Run 3: Statistics of WebRTC media

Start at: 2017-08-16 22:46:11
End at: 2017-08-16 22:46:41
Local clock offset: -0.417 ms
Remote clock offset: -1.727 ms

Below is generated by plot.py at 2017-08-17 02:04:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 51.457 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 51.457 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

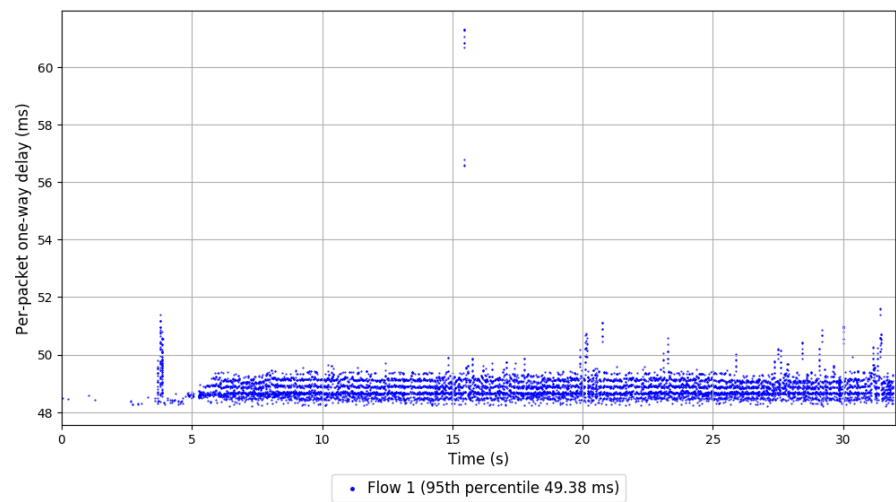
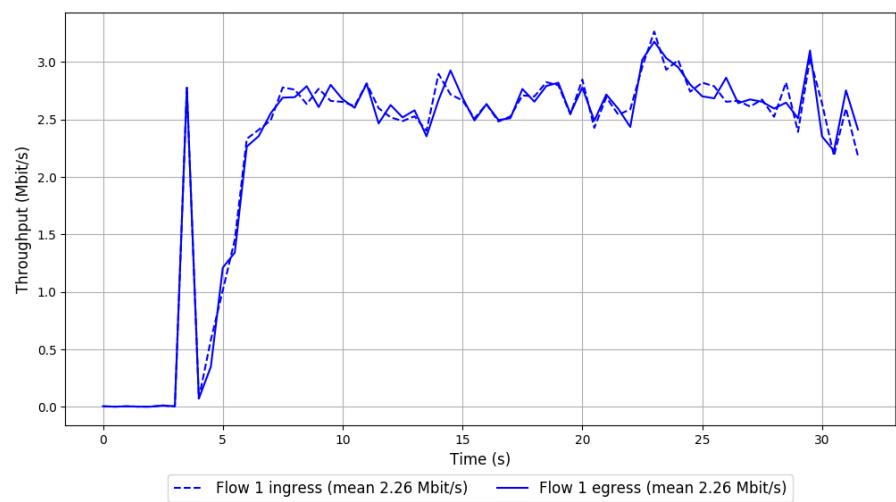


Run 4: Statistics of WebRTC media

Start at: 2017-08-16 23:06:47
End at: 2017-08-16 23:07:17
Local clock offset: -0.212 ms
Remote clock offset: -3.721 ms

Below is generated by plot.py at 2017-08-17 02:04:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.26 Mbit/s
95th percentile per-packet one-way delay: 49.383 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.26 Mbit/s
95th percentile per-packet one-way delay: 49.383 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2017-08-16 23:27:16

End at: 2017-08-16 23:27:46

Local clock offset: 0.057 ms

Remote clock offset: -3.952 ms

Below is generated by plot.py at 2017-08-17 02:04:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 49.161 ms

Loss rate: 0.00%

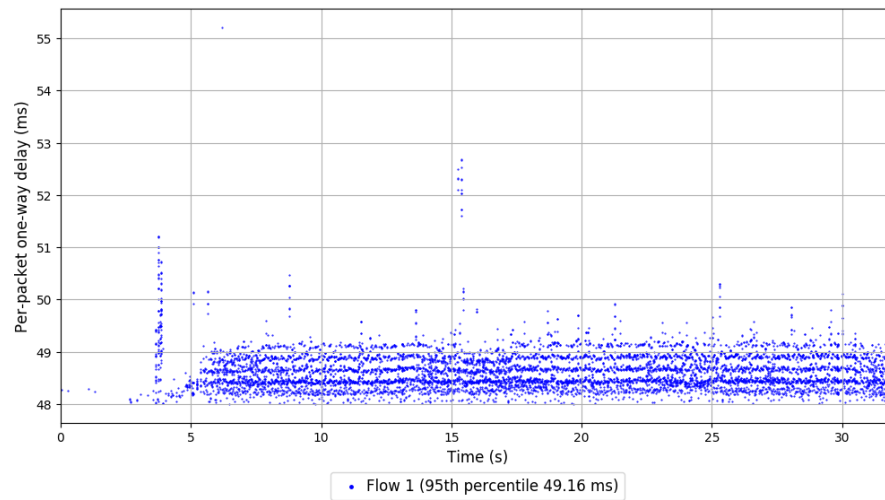
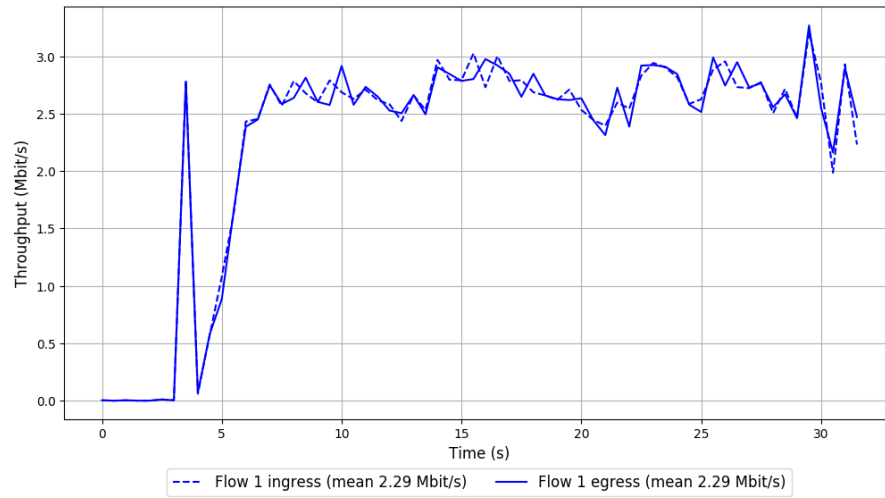
-- Flow 1:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 49.161 ms

Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

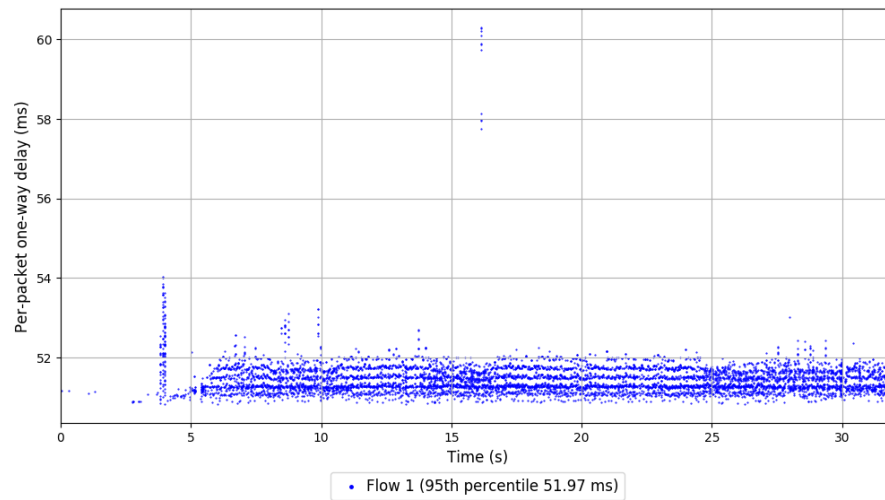
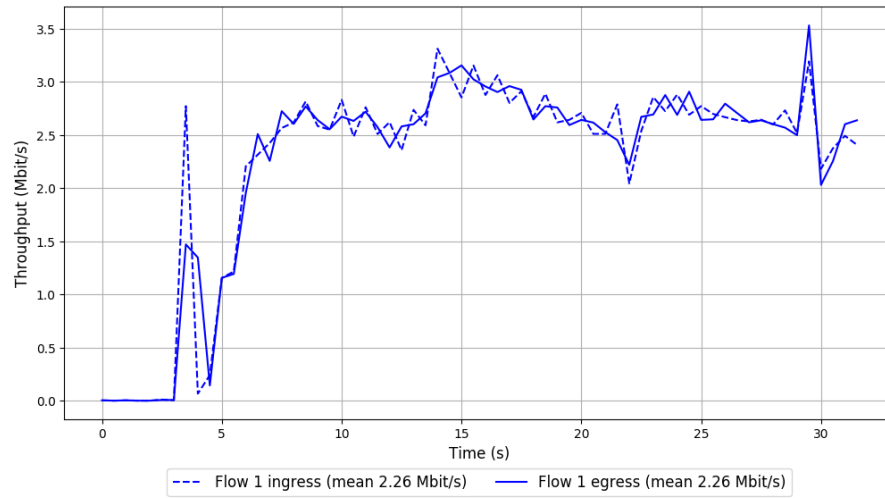


Run 6: Statistics of WebRTC media

Start at: 2017-08-16 23:47:51
End at: 2017-08-16 23:48:21
Local clock offset: 0.392 ms
Remote clock offset: -1.334 ms

Below is generated by plot.py at 2017-08-17 02:04:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.26 Mbit/s
95th percentile per-packet one-way delay: 51.965 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 2.26 Mbit/s
95th percentile per-packet one-way delay: 51.965 ms
Loss rate: 0.01%

Run 6: Report of WebRTC media — Data Link

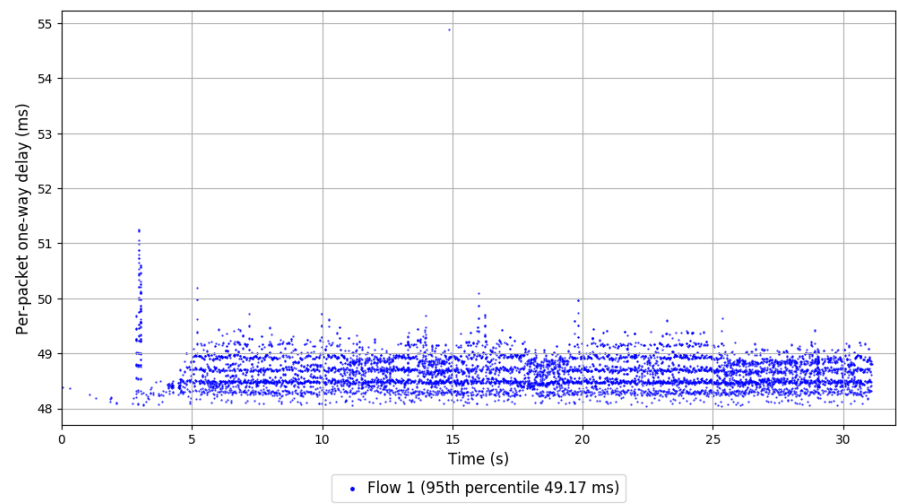
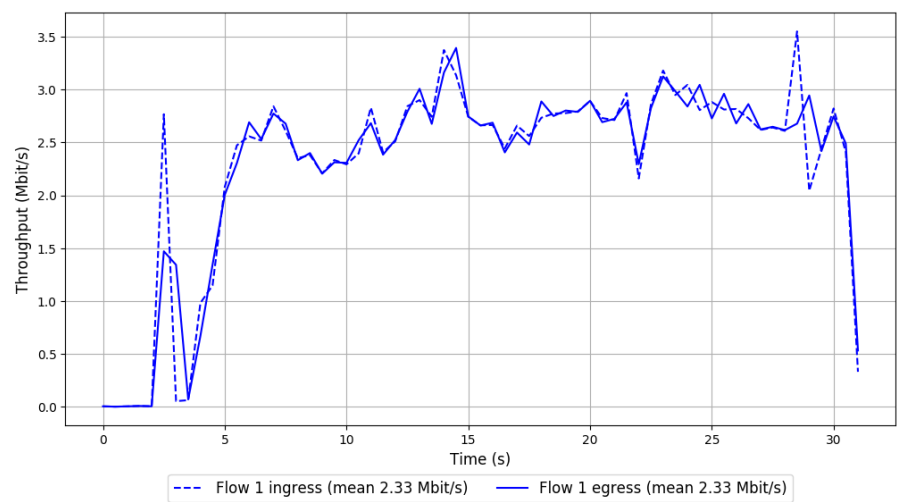


Run 7: Statistics of WebRTC media

Start at: 2017-08-17 00:08:25
End at: 2017-08-17 00:08:55
Local clock offset: 0.274 ms
Remote clock offset: -4.108 ms

Below is generated by plot.py at 2017-08-17 02:04:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: 49.173 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: 49.173 ms
Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

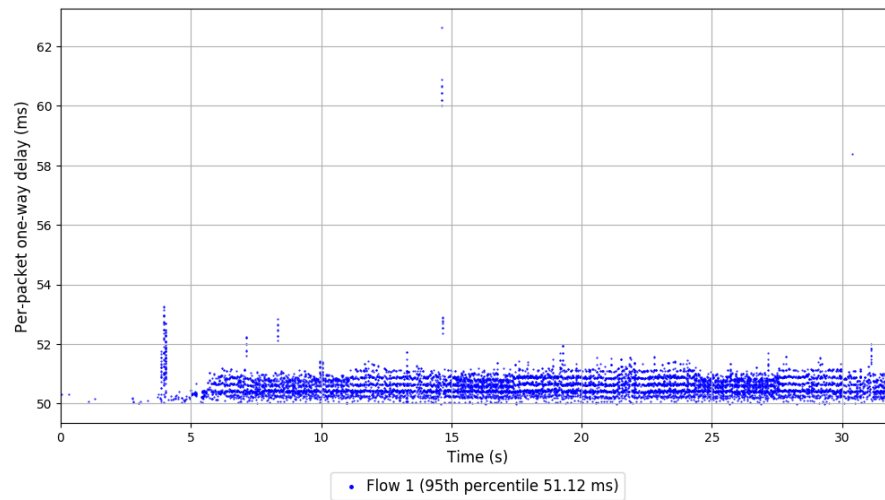
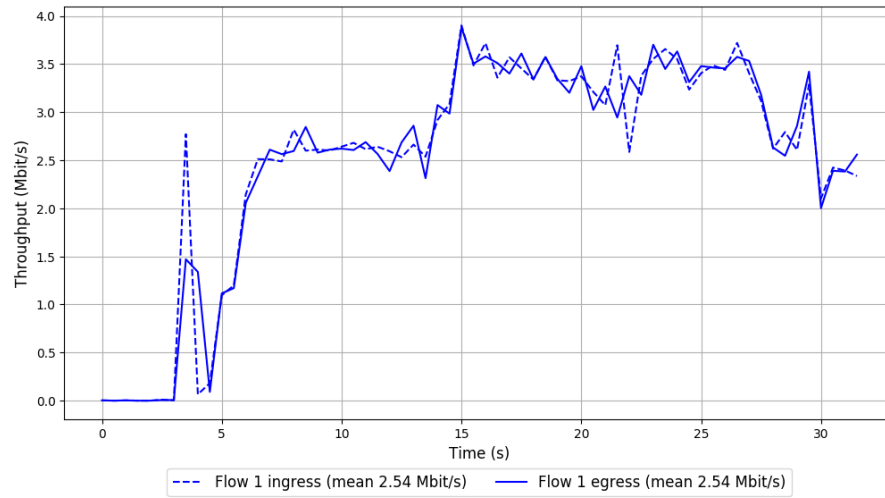


Run 8: Statistics of WebRTC media

Start at: 2017-08-17 00:28:44
End at: 2017-08-17 00:29:14
Local clock offset: 0.311 ms
Remote clock offset: -2.113 ms

Below is generated by plot.py at 2017-08-17 02:04:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.54 Mbit/s
95th percentile per-packet one-way delay: 51.121 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 2.54 Mbit/s
95th percentile per-packet one-way delay: 51.121 ms
Loss rate: 0.04%

Run 8: Report of WebRTC media — Data Link

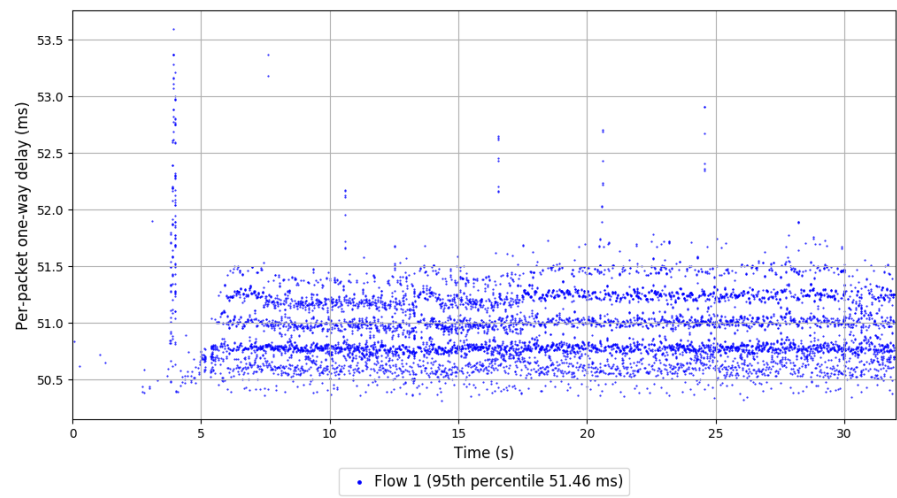
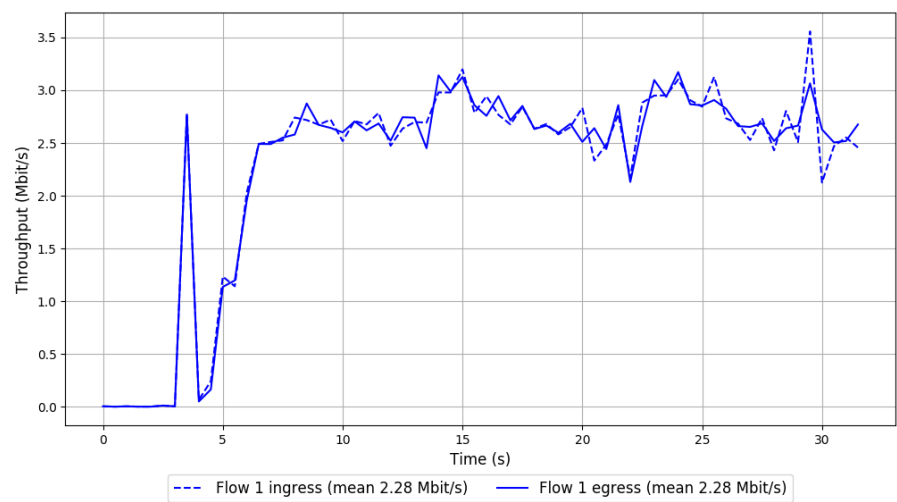


Run 9: Statistics of WebRTC media

Start at: 2017-08-17 00:49:20
End at: 2017-08-17 00:49:50
Local clock offset: 0.245 ms
Remote clock offset: -1.594 ms

Below is generated by plot.py at 2017-08-17 02:04:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.28 Mbit/s
95th percentile per-packet one-way delay: 51.461 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.28 Mbit/s
95th percentile per-packet one-way delay: 51.461 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2017-08-17 01:09:57

End at: 2017-08-17 01:10:27

Local clock offset: 0.258 ms

Remote clock offset: -3.362 ms

Below is generated by plot.py at 2017-08-17 02:04:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.47 Mbit/s

95th percentile per-packet one-way delay: 49.209 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 2.47 Mbit/s

95th percentile per-packet one-way delay: 49.209 ms

Loss rate: 0.01%

Run 10: Report of WebRTC media — Data Link

