

Pantheon Report

Generated at 2017-09-17 16:42:45 (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).

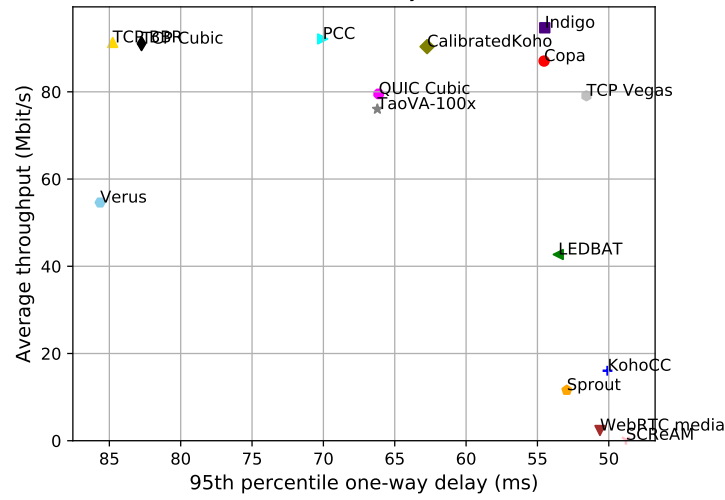
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

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

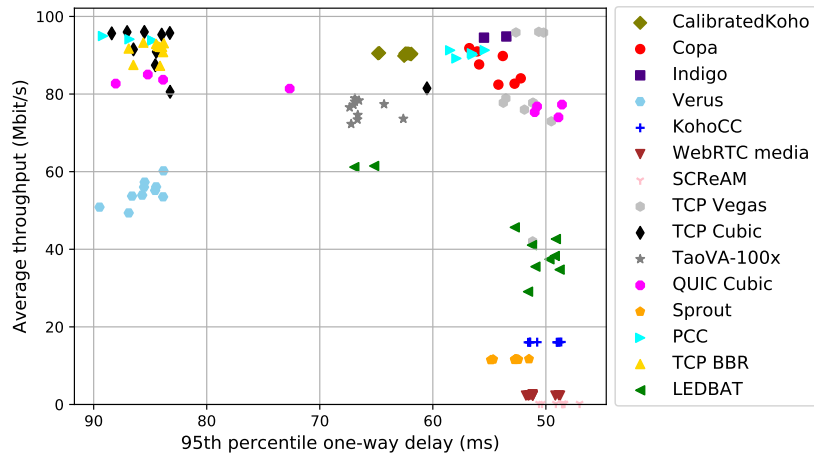
Git summary:

```
branch: master @ 57453dc11f8da93a2e03eea75289fea01b816298
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/genericCC @ f7ca42f251bf49b432bb71de6d13fa903515c366
third_party/indigo @ b19f3730105f9aa95452552af924e3719b03cc55
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
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	91.32	84.77	24.98
CalibratedKoho	10	90.36	62.73	0.05
Copa	7	87.05	54.54	0.02
TCP Cubic	10	91.06	82.75	0.27
Indigo	2	94.68	54.49	0.24
KohoCC	10	16.05	50.09	0.00
LEDBAT	10	42.70	53.54	0.04
PCC	9	92.12	70.05	6.81
QUIC Cubic	8	79.53	66.13	0.28
SCReAM	10	0.22	48.80	0.00
Sprout	10	11.60	52.94	0.13
TaoVA-100x	10	76.05	66.22	0.03
TCP Vegas	10	79.08	51.57	0.32
Verus	10	54.62	85.65	29.82
WebRTC media	10	2.34	50.62	0.02

Run 1: Statistics of TCP BBR

Start at: 2017-09-17 12:38:06

End at: 2017-09-17 12:38:36

Local clock offset: -1.069 ms

Remote clock offset: 0.206 ms

Below is generated by plot.py at 2017-09-17 16:25:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.25 Mbit/s

95th percentile per-packet one-way delay: 85.605 ms

Loss rate: 24.91%

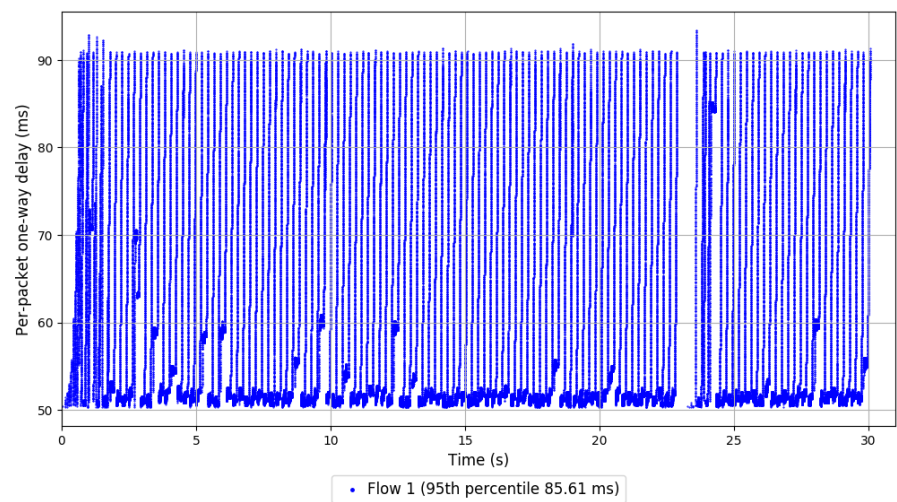
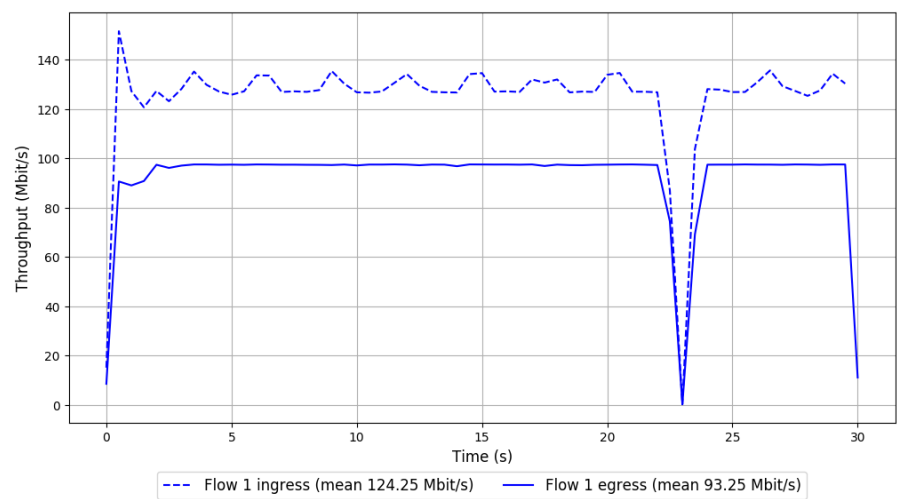
-- Flow 1:

Average throughput: 93.25 Mbit/s

95th percentile per-packet one-way delay: 85.605 ms

Loss rate: 24.91%

Run 1: Report of TCP BBR — Data Link

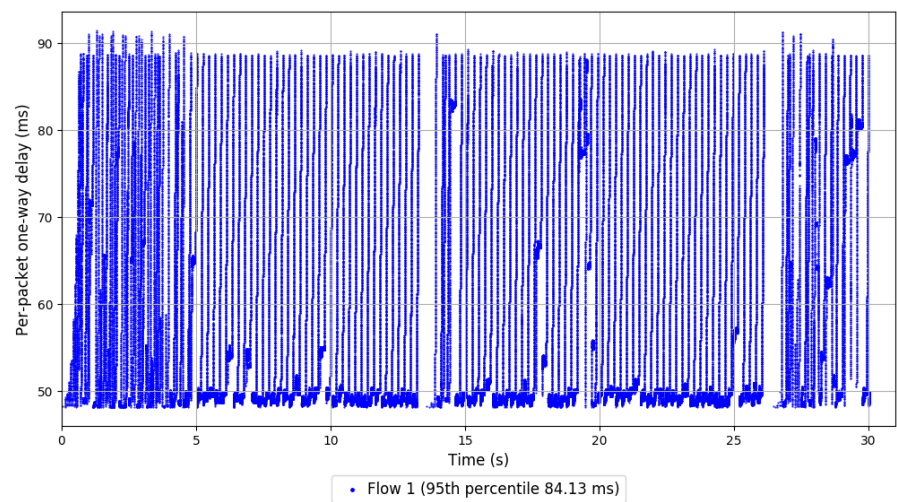
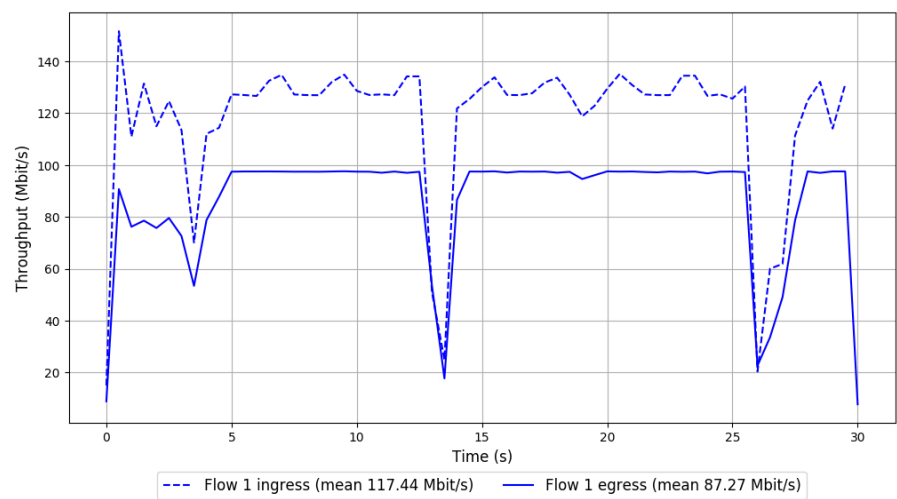


Run 2: Statistics of TCP BBR

Start at: 2017-09-17 12:58:03
End at: 2017-09-17 12:58:33
Local clock offset: -0.773 ms
Remote clock offset: -2.256 ms

Below is generated by plot.py at 2017-09-17 16:25:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.27 Mbit/s
95th percentile per-packet one-way delay: 84.131 ms
Loss rate: 25.68%
-- Flow 1:
Average throughput: 87.27 Mbit/s
95th percentile per-packet one-way delay: 84.131 ms
Loss rate: 25.68%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2017-09-17 13:17:53

End at: 2017-09-17 13:18:23

Local clock offset: -0.861 ms

Remote clock offset: -2.835 ms

Below is generated by plot.py at 2017-09-17 16:25:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.81 Mbit/s

95th percentile per-packet one-way delay: 83.861 ms

Loss rate: 25.30%

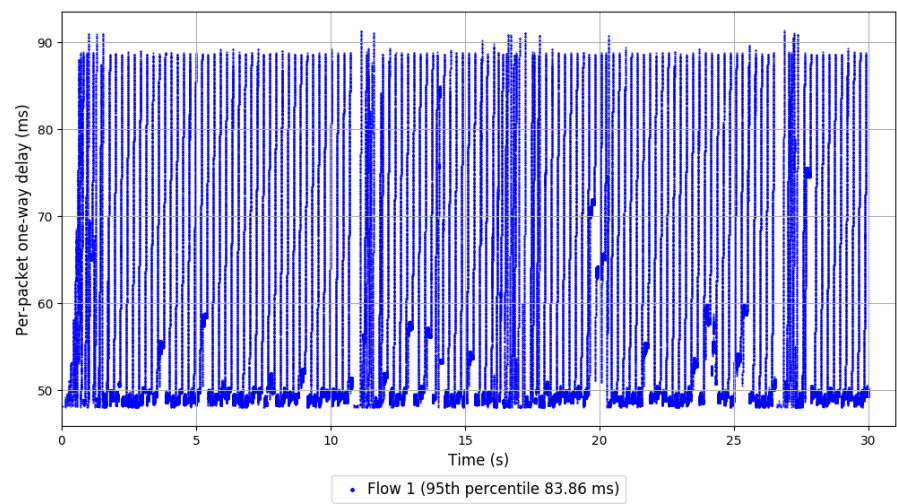
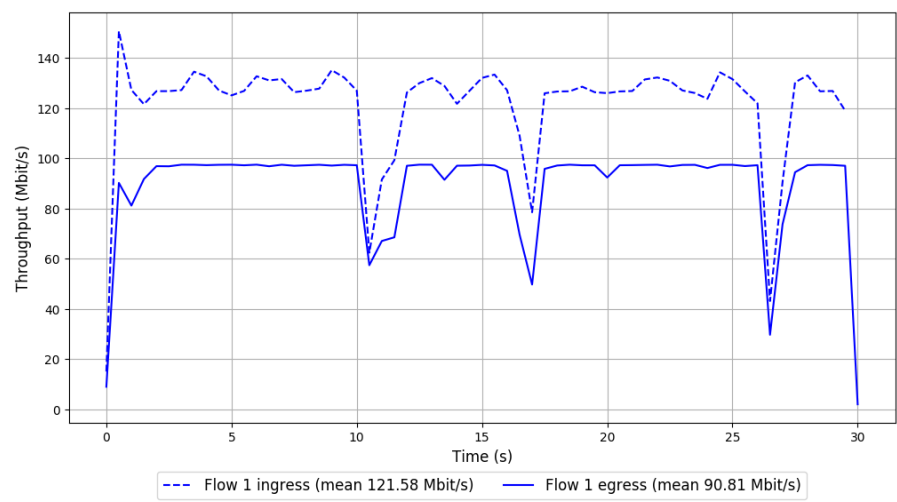
-- Flow 1:

Average throughput: 90.81 Mbit/s

95th percentile per-packet one-way delay: 83.861 ms

Loss rate: 25.30%

Run 3: Report of TCP BBR — Data Link

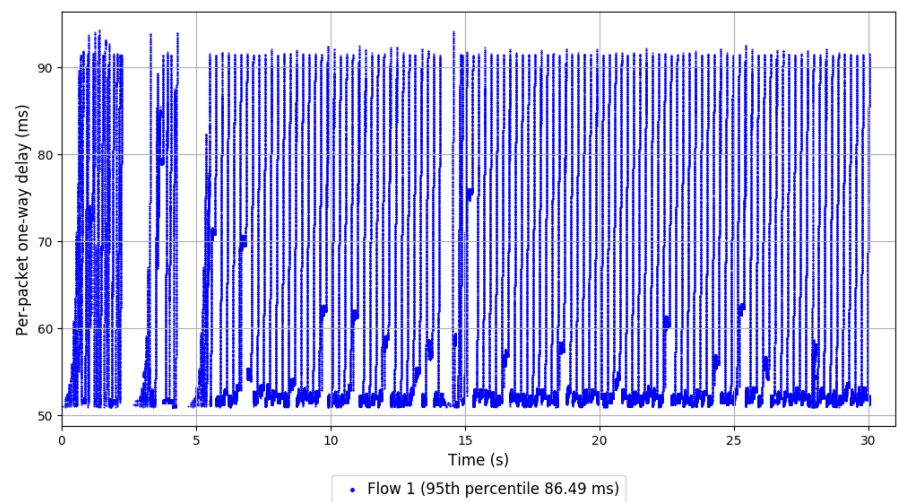
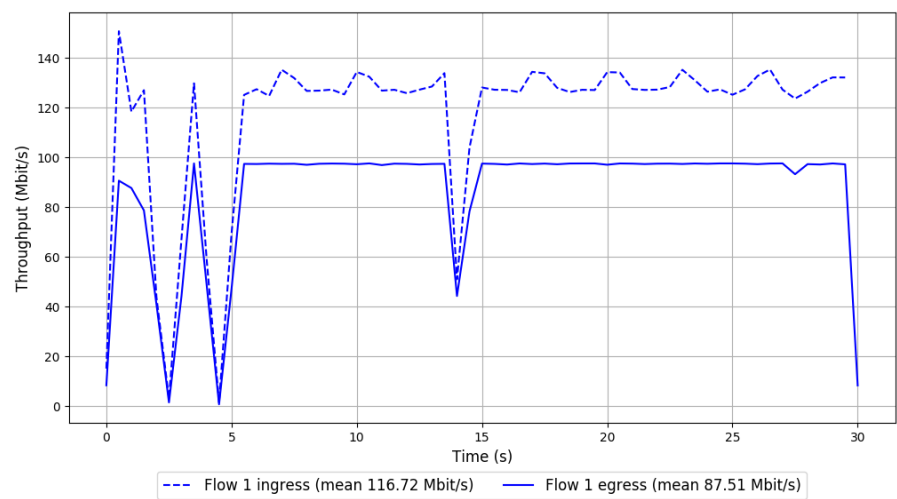


Run 4: Statistics of TCP BBR

Start at: 2017-09-17 13:37:56
End at: 2017-09-17 13:38:26
Local clock offset: -0.792 ms
Remote clock offset: -0.775 ms

Below is generated by plot.py at 2017-09-17 16:25:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.51 Mbit/s
95th percentile per-packet one-way delay: 86.489 ms
Loss rate: 25.02%
-- Flow 1:
Average throughput: 87.51 Mbit/s
95th percentile per-packet one-way delay: 86.489 ms
Loss rate: 25.02%

Run 4: Report of TCP BBR — Data Link

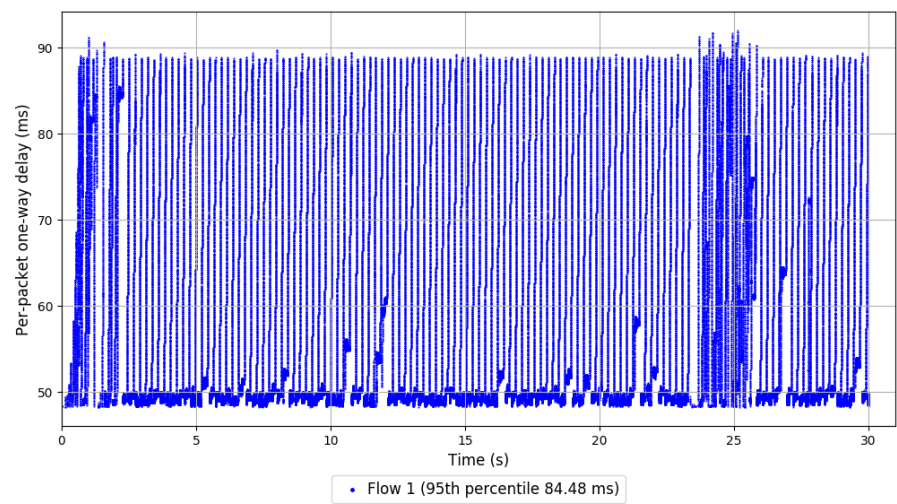
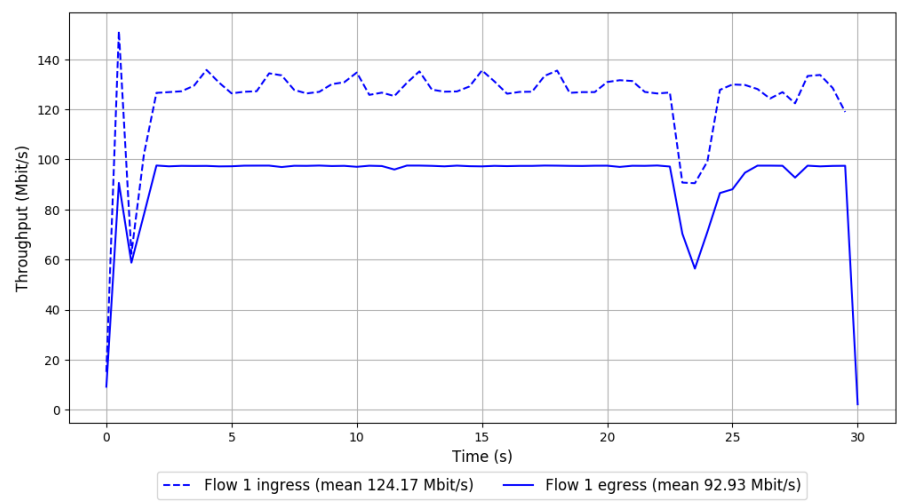


Run 5: Statistics of TCP BBR

Start at: 2017-09-17 13:57:50
End at: 2017-09-17 13:58:20
Local clock offset: -0.757 ms
Remote clock offset: -3.696 ms

Below is generated by plot.py at 2017-09-17 16:25:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.93 Mbit/s
95th percentile per-packet one-way delay: 84.476 ms
Loss rate: 25.15%
-- Flow 1:
Average throughput: 92.93 Mbit/s
95th percentile per-packet one-way delay: 84.476 ms
Loss rate: 25.15%

Run 5: Report of TCP BBR — Data Link

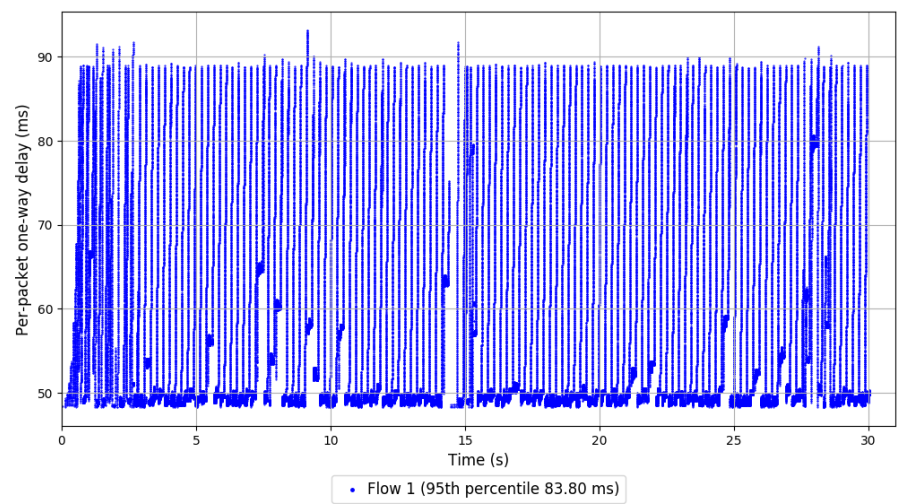
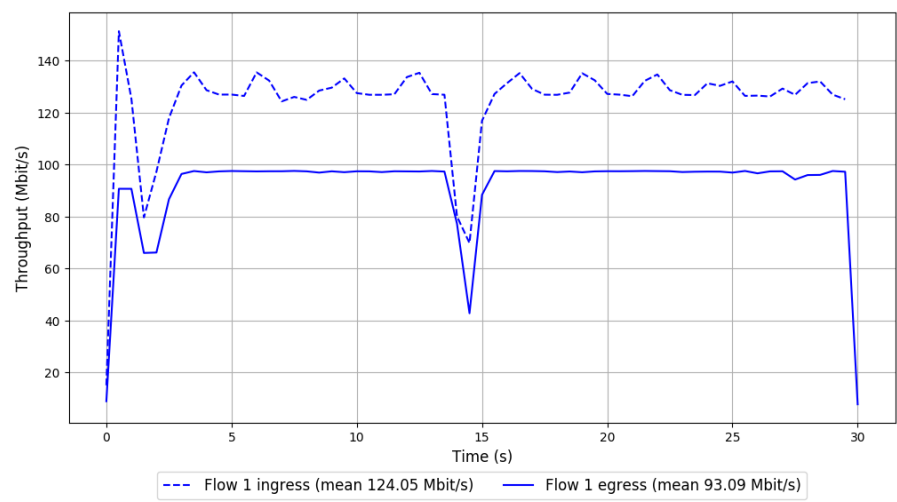


Run 6: Statistics of TCP BBR

Start at: 2017-09-17 14:17:55
End at: 2017-09-17 14:18:25
Local clock offset: -0.688 ms
Remote clock offset: -3.952 ms

Below is generated by plot.py at 2017-09-17 16:25:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.09 Mbit/s
95th percentile per-packet one-way delay: 83.795 ms
Loss rate: 24.95%
-- Flow 1:
Average throughput: 93.09 Mbit/s
95th percentile per-packet one-way delay: 83.795 ms
Loss rate: 24.95%

Run 6: Report of TCP BBR — Data Link

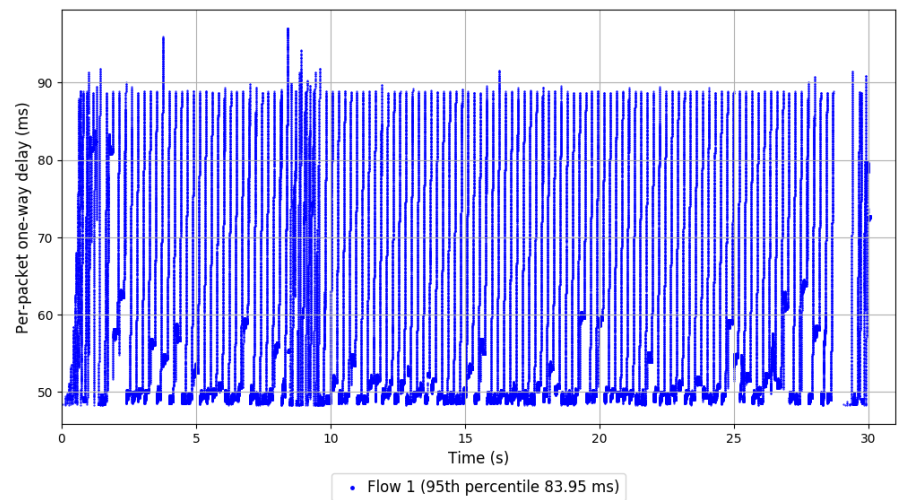
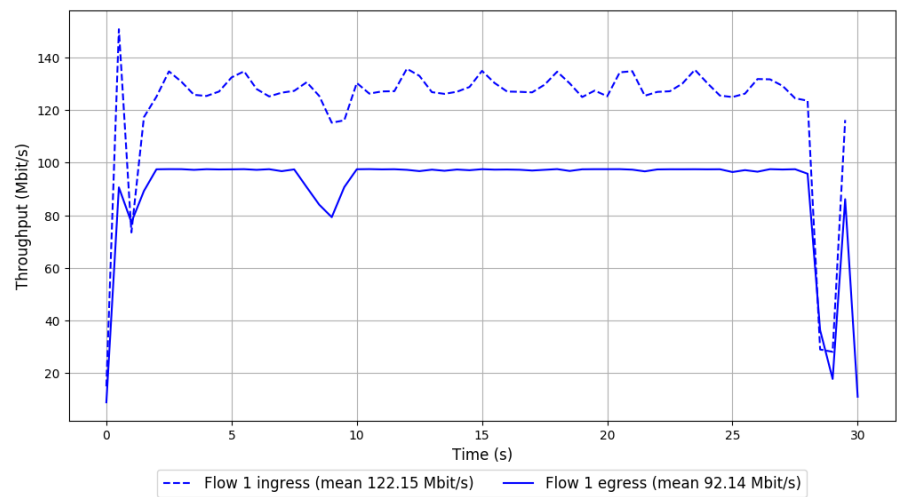


Run 7: Statistics of TCP BBR

Start at: 2017-09-17 14:37:52
End at: 2017-09-17 14:38:22
Local clock offset: -0.518 ms
Remote clock offset: -3.854 ms

Below is generated by plot.py at 2017-09-17 16:25:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.14 Mbit/s
95th percentile per-packet one-way delay: 83.949 ms
Loss rate: 24.52%
-- Flow 1:
Average throughput: 92.14 Mbit/s
95th percentile per-packet one-way delay: 83.949 ms
Loss rate: 24.52%

Run 7: Report of TCP BBR — Data Link

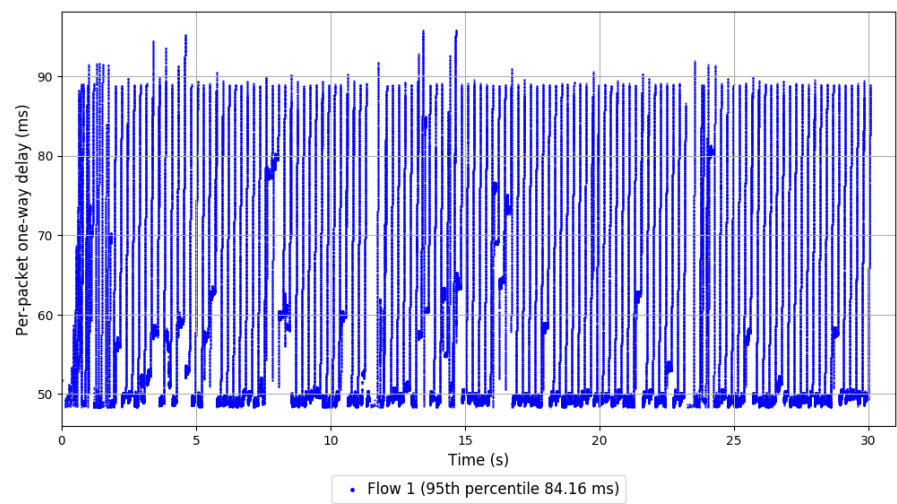
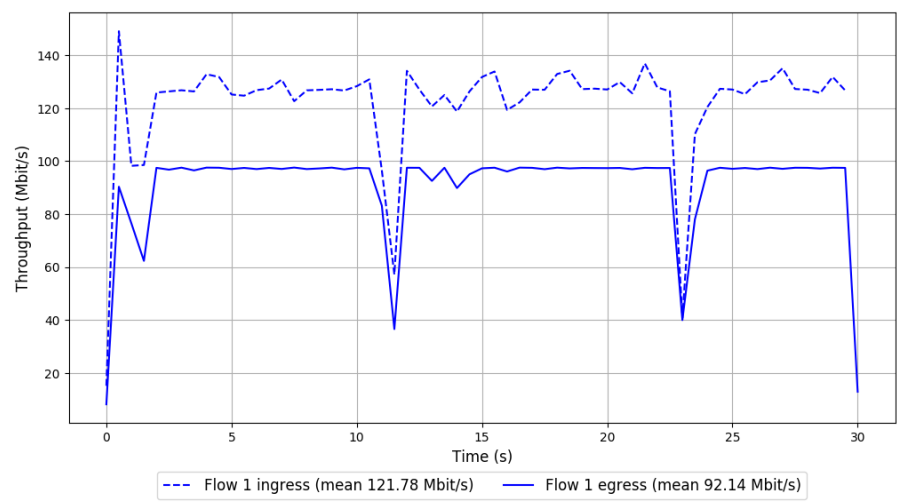


Run 8: Statistics of TCP BBR

Start at: 2017-09-17 14:58:07
End at: 2017-09-17 14:58:37
Local clock offset: -0.248 ms
Remote clock offset: -3.432 ms

Below is generated by plot.py at 2017-09-17 16:25:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.14 Mbit/s
95th percentile per-packet one-way delay: 84.155 ms
Loss rate: 24.25%
-- Flow 1:
Average throughput: 92.14 Mbit/s
95th percentile per-packet one-way delay: 84.155 ms
Loss rate: 24.25%

Run 8: Report of TCP BBR — Data Link

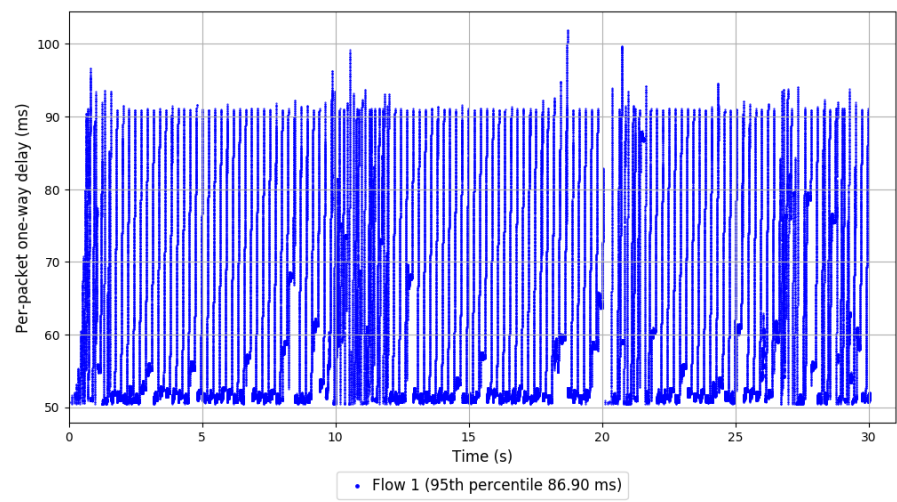
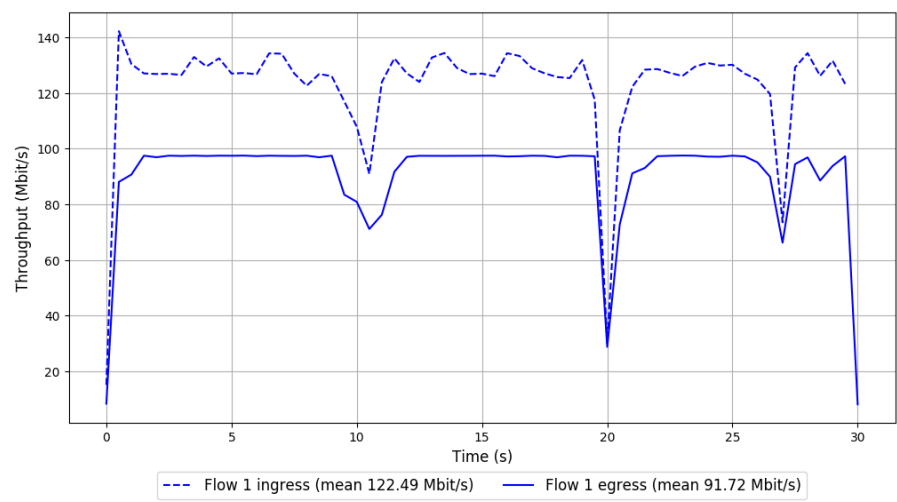


Run 9: Statistics of TCP BBR

Start at: 2017-09-17 15:18:14
End at: 2017-09-17 15:18:44
Local clock offset: -0.126 ms
Remote clock offset: -1.082 ms

Below is generated by plot.py at 2017-09-17 16:27:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.72 Mbit/s
95th percentile per-packet one-way delay: 86.901 ms
Loss rate: 25.11%
-- Flow 1:
Average throughput: 91.72 Mbit/s
95th percentile per-packet one-way delay: 86.901 ms
Loss rate: 25.11%

Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

Start at: 2017-09-17 15:38:28

End at: 2017-09-17 15:38:58

Local clock offset: -0.112 ms

Remote clock offset: -2.99 ms

Below is generated by plot.py at 2017-09-17 16:27:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.37 Mbit/s

95th percentile per-packet one-way delay: 84.328 ms

Loss rate: 24.94%

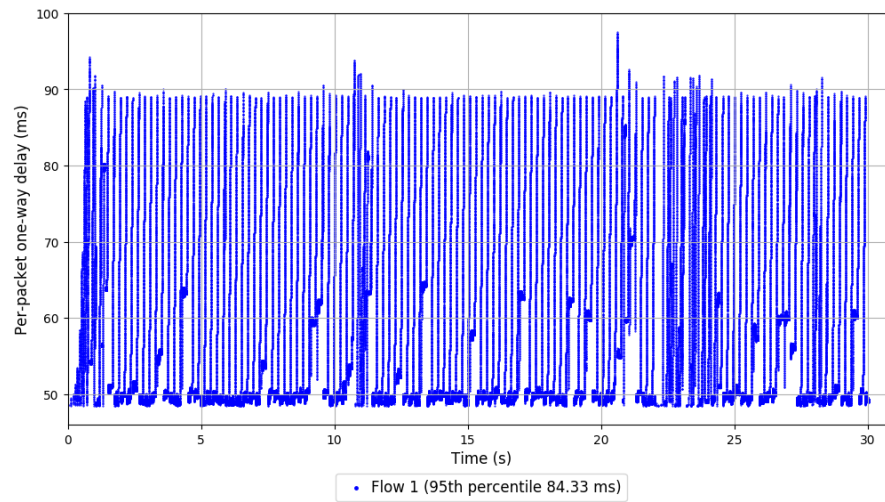
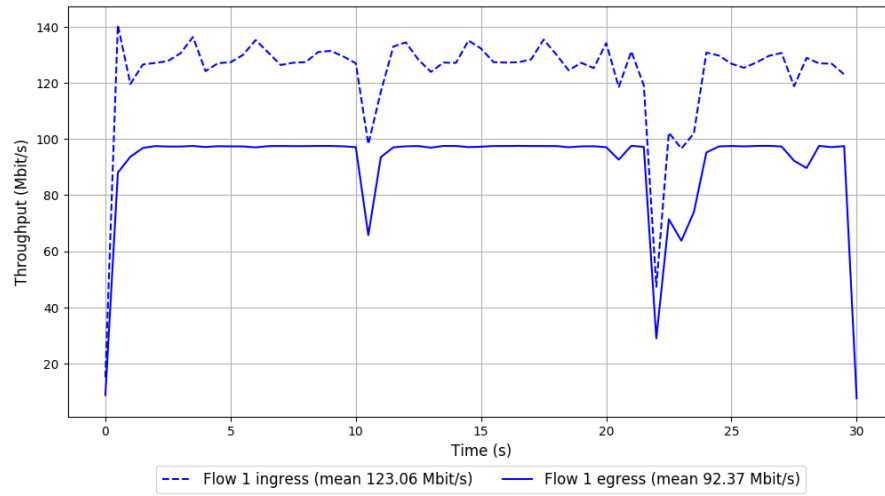
-- Flow 1:

Average throughput: 92.37 Mbit/s

95th percentile per-packet one-way delay: 84.328 ms

Loss rate: 24.94%

Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of CalibratedKoho

Start at: 2017-09-17 12:40:50

End at: 2017-09-17 12:41:20

Local clock offset: -1.032 ms

Remote clock offset: 0.211 ms

Below is generated by plot.py at 2017-09-17 16:27:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.59 Mbit/s

95th percentile per-packet one-way delay: 64.743 ms

Loss rate: 0.00%

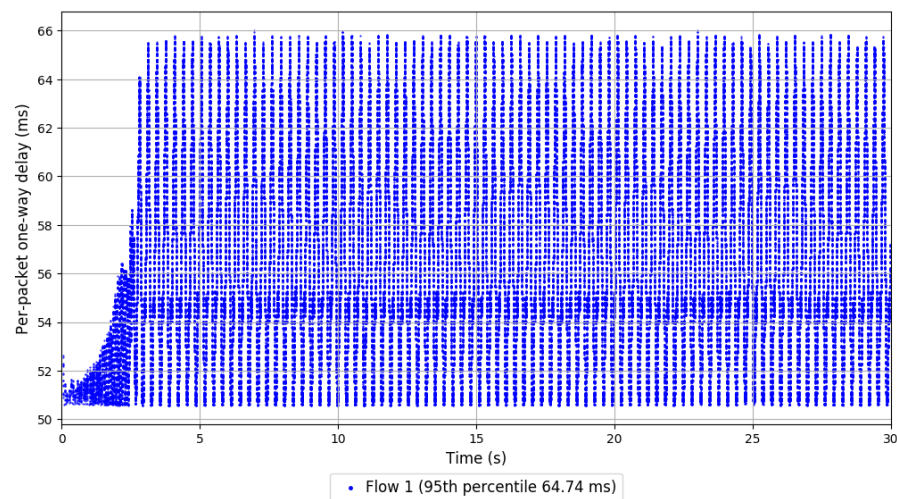
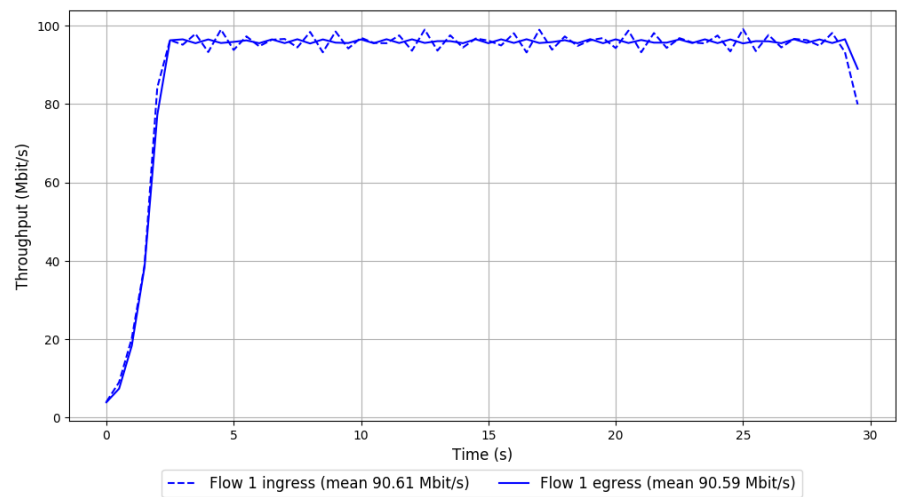
-- Flow 1:

Average throughput: 90.59 Mbit/s

95th percentile per-packet one-way delay: 64.743 ms

Loss rate: 0.00%

Run 1: Report of CalibratedKoho — Data Link

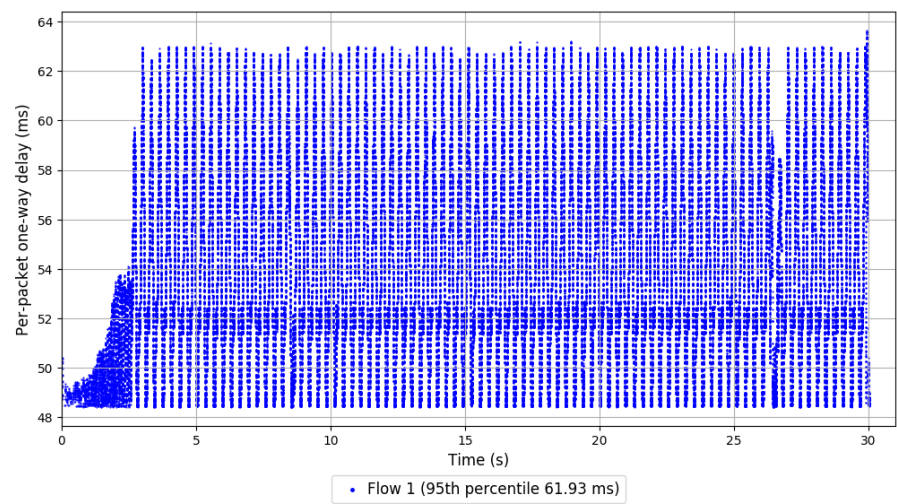
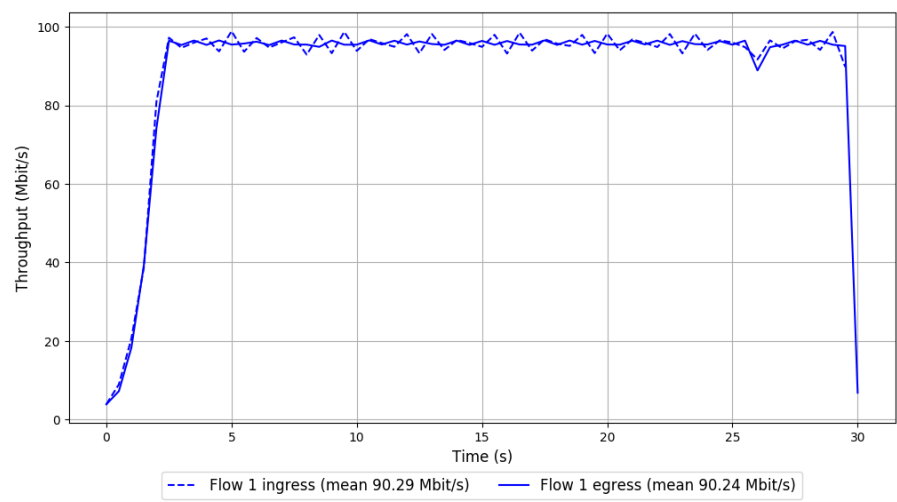


Run 2: Statistics of CalibratedKoho

Start at: 2017-09-17 13:00:45
End at: 2017-09-17 13:01:15
Local clock offset: -0.866 ms
Remote clock offset: -2.356 ms

Below is generated by plot.py at 2017-09-17 16:27:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.24 Mbit/s
95th percentile per-packet one-way delay: 61.931 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 90.24 Mbit/s
95th percentile per-packet one-way delay: 61.931 ms
Loss rate: 0.06%

Run 2: Report of CalibratedKoho — Data Link



Run 3: Statistics of CalibratedKoho

Start at: 2017-09-17 13:20:36

End at: 2017-09-17 13:21:06

Local clock offset: -0.85 ms

Remote clock offset: -0.395 ms

Below is generated by plot.py at 2017-09-17 16:27:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.48 Mbit/s

95th percentile per-packet one-way delay: 64.841 ms

Loss rate: 0.07%

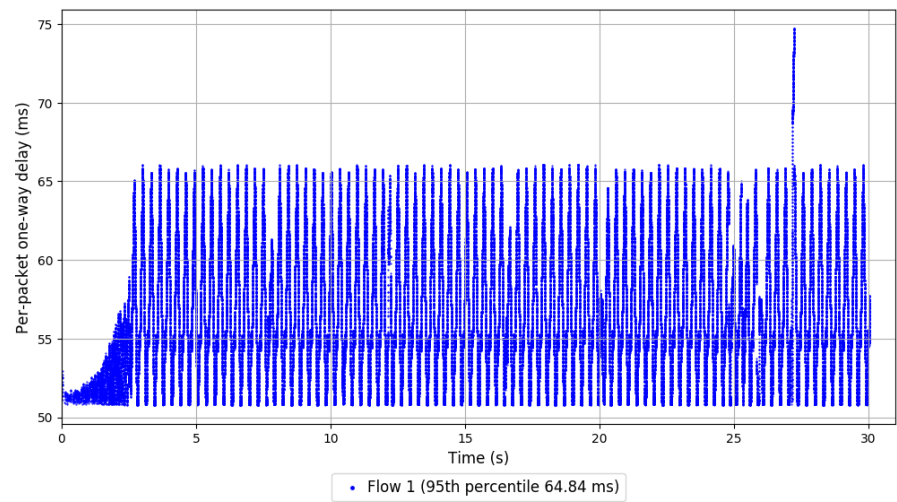
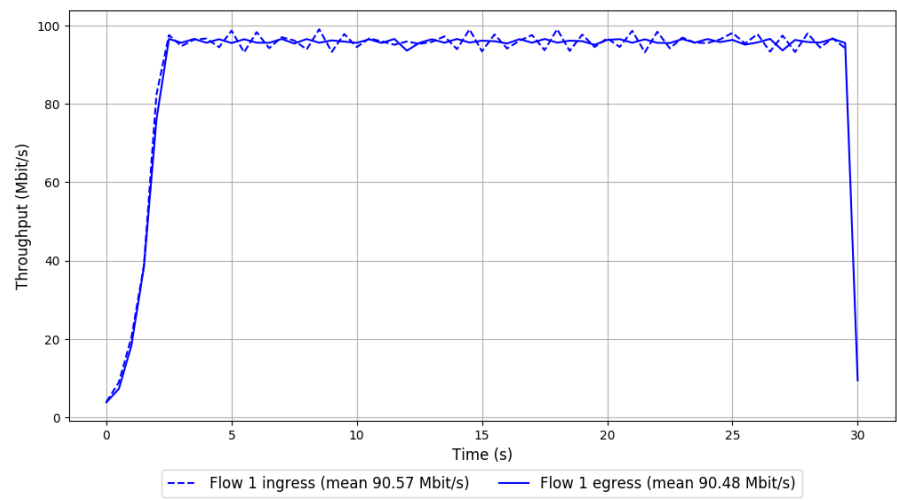
-- Flow 1:

Average throughput: 90.48 Mbit/s

95th percentile per-packet one-way delay: 64.841 ms

Loss rate: 0.07%

Run 3: Report of CalibratedKoho — Data Link

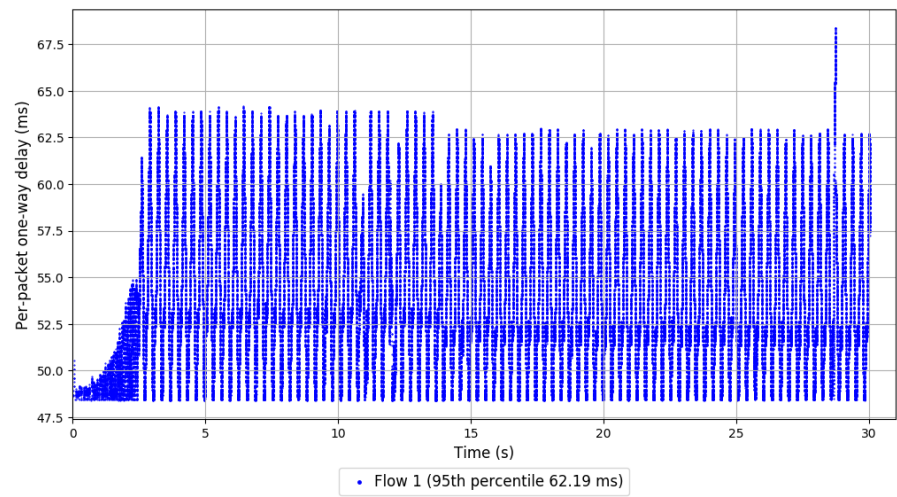
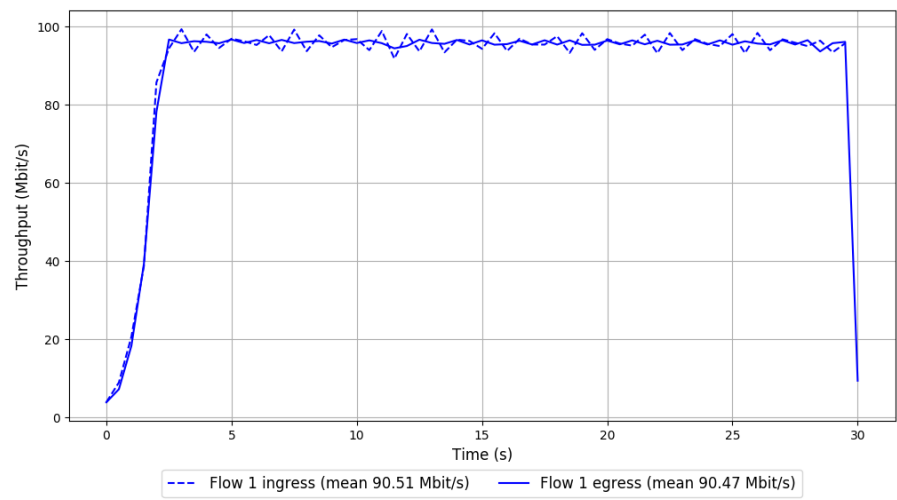


Run 4: Statistics of CalibratedKoho

Start at: 2017-09-17 13:40:39
End at: 2017-09-17 13:41:09
Local clock offset: -0.799 ms
Remote clock offset: -3.344 ms

Below is generated by plot.py at 2017-09-17 16:27:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.47 Mbit/s
95th percentile per-packet one-way delay: 62.188 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 90.47 Mbit/s
95th percentile per-packet one-way delay: 62.188 ms
Loss rate: 0.01%

Run 4: Report of CalibratedKoho — Data Link

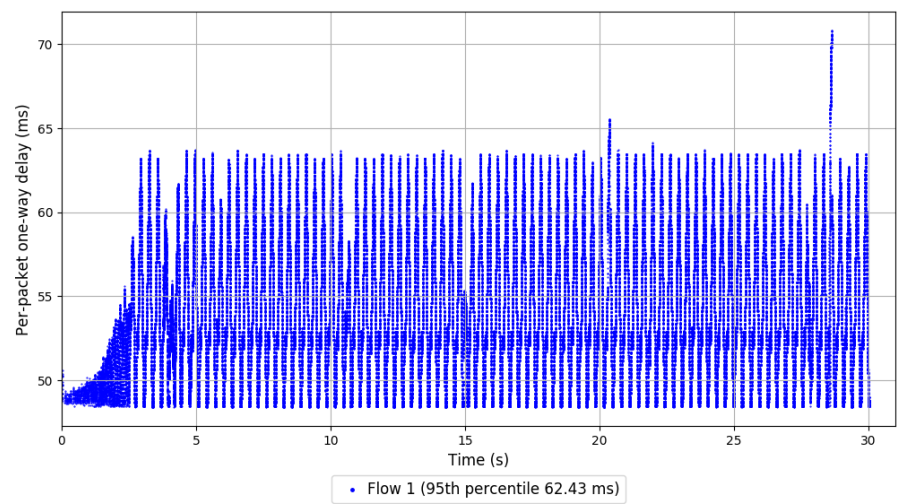
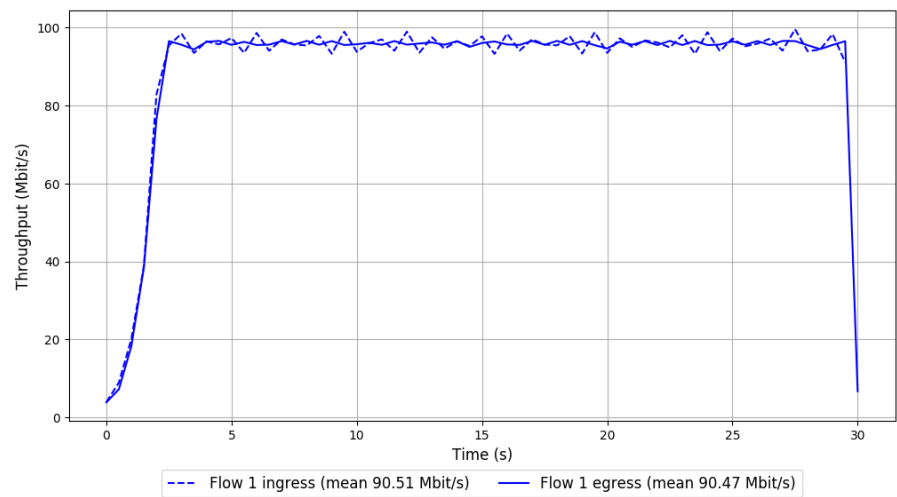


Run 5: Statistics of CalibratedKoho

Start at: 2017-09-17 14:00:33
End at: 2017-09-17 14:01:03
Local clock offset: -0.749 ms
Remote clock offset: -3.773 ms

Below is generated by plot.py at 2017-09-17 16:27:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.47 Mbit/s
95th percentile per-packet one-way delay: 62.427 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 90.47 Mbit/s
95th percentile per-packet one-way delay: 62.427 ms
Loss rate: 0.05%

Run 5: Report of CalibratedKoho — Data Link

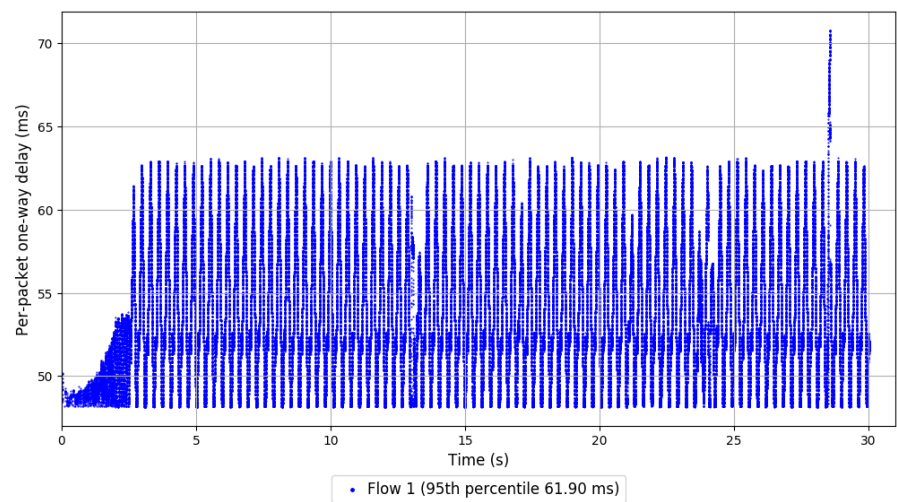
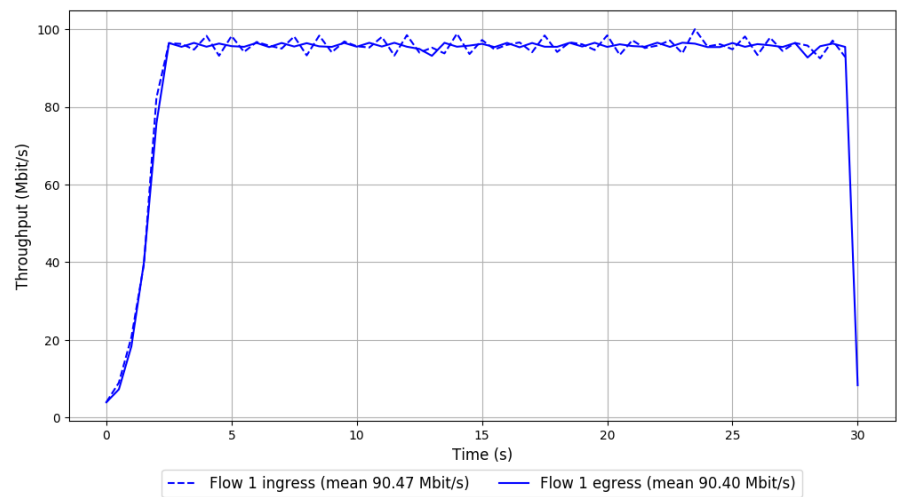


Run 6: Statistics of CalibratedKoho

Start at: 2017-09-17 14:20:38
End at: 2017-09-17 14:21:08
Local clock offset: -0.577 ms
Remote clock offset: -4.007 ms

Below is generated by plot.py at 2017-09-17 16:27:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.40 Mbit/s
95th percentile per-packet one-way delay: 61.898 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 90.40 Mbit/s
95th percentile per-packet one-way delay: 61.898 ms
Loss rate: 0.07%

Run 6: Report of CalibratedKoho — Data Link

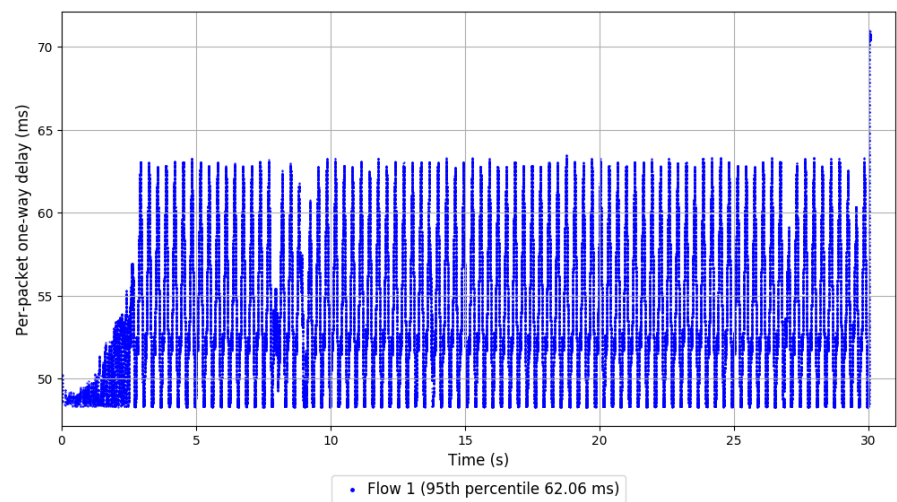
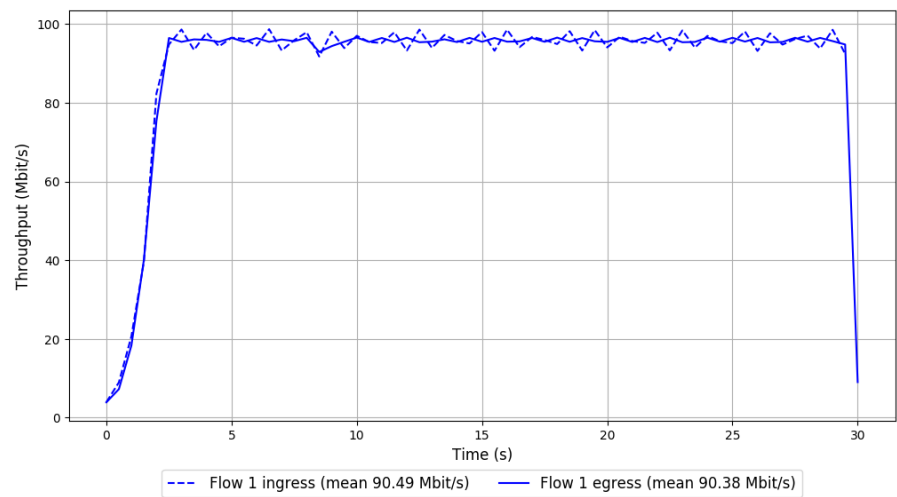


Run 7: Statistics of CalibratedKoho

Start at: 2017-09-17 14:40:36
End at: 2017-09-17 14:41:06
Local clock offset: -0.489 ms
Remote clock offset: -3.748 ms

Below is generated by plot.py at 2017-09-17 16:28:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.38 Mbit/s
95th percentile per-packet one-way delay: 62.058 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 90.38 Mbit/s
95th percentile per-packet one-way delay: 62.058 ms
Loss rate: 0.05%

Run 7: Report of CalibratedKoho — Data Link

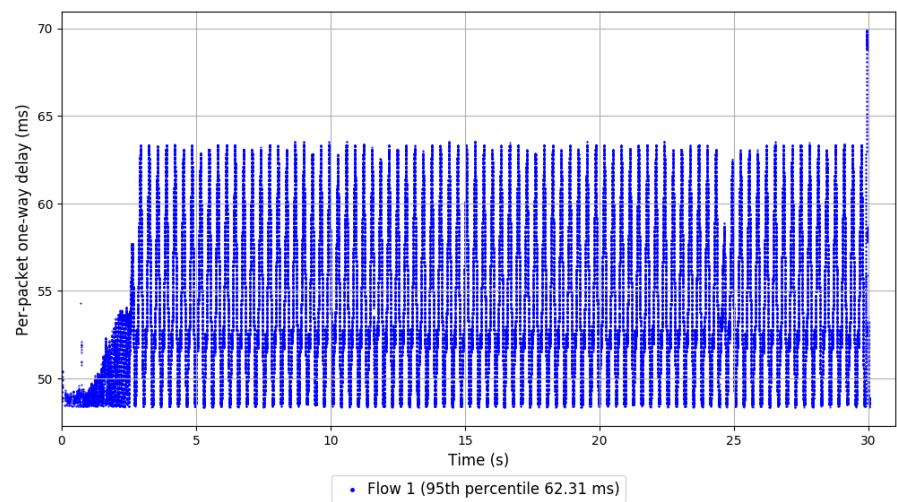
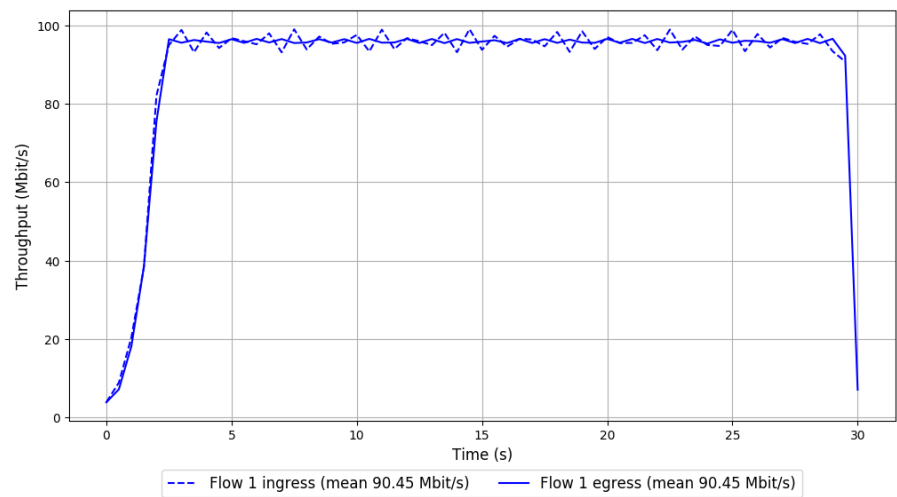


Run 8: Statistics of CalibratedKoho

Start at: 2017-09-17 15:00:52
End at: 2017-09-17 15:01:22
Local clock offset: -0.326 ms
Remote clock offset: -3.476 ms

Below is generated by plot.py at 2017-09-17 16:28:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.45 Mbit/s
95th percentile per-packet one-way delay: 62.309 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 90.45 Mbit/s
95th percentile per-packet one-way delay: 62.309 ms
Loss rate: 0.00%

Run 8: Report of CalibratedKoho — Data Link



Run 9: Statistics of CalibratedKoho

Start at: 2017-09-17 15:20:58

End at: 2017-09-17 15:21:28

Local clock offset: -0.191 ms

Remote clock offset: -3.05 ms

Below is generated by plot.py at 2017-09-17 16:28:25

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.83 Mbit/s

95th percentile per-packet one-way delay: 62.537 ms

Loss rate: 0.10%

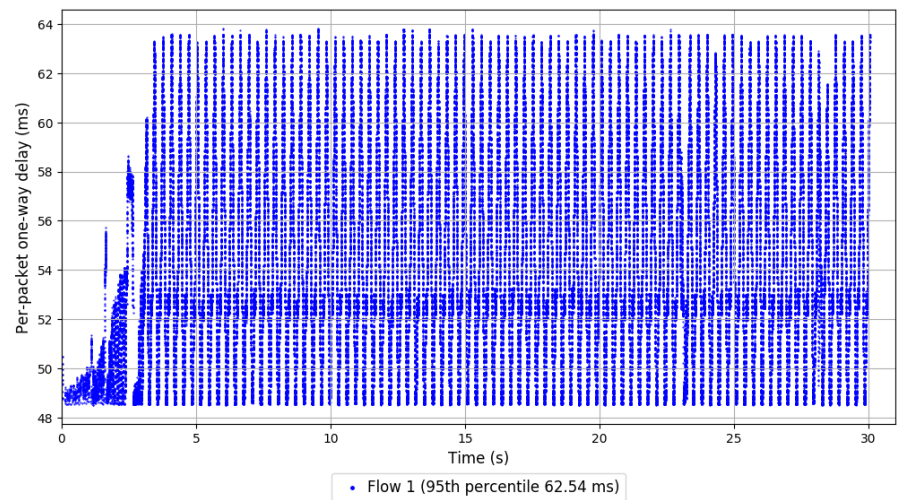
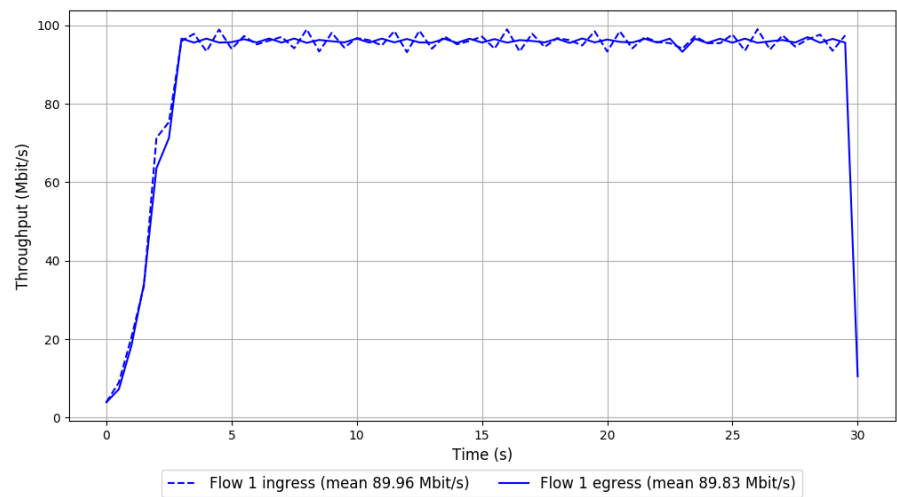
-- Flow 1:

Average throughput: 89.83 Mbit/s

95th percentile per-packet one-way delay: 62.537 ms

Loss rate: 0.10%

Run 9: Report of CalibratedKoho — Data Link



Run 10: Statistics of CalibratedKoho

Start at: 2017-09-17 15:41:13

End at: 2017-09-17 15:41:43

Local clock offset: -0.083 ms

Remote clock offset: -3.03 ms

Below is generated by plot.py at 2017-09-17 16:28:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.27 Mbit/s

95th percentile per-packet one-way delay: 62.403 ms

Loss rate: 0.08%

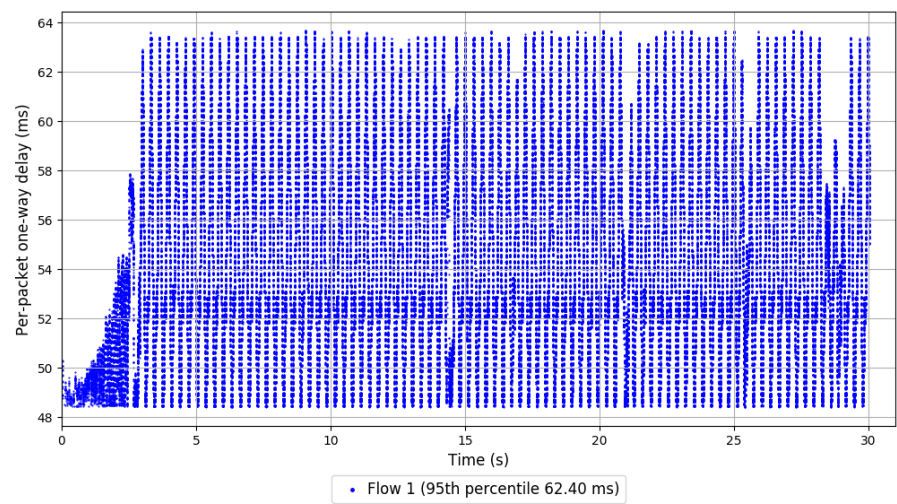
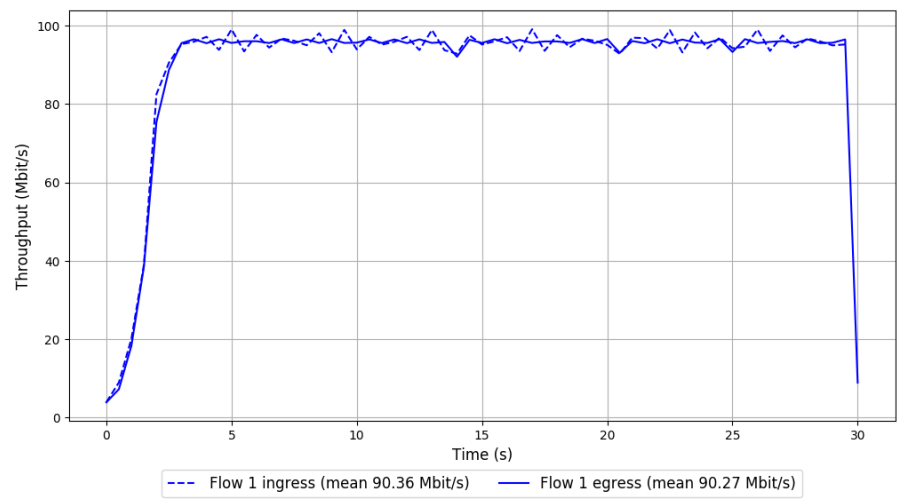
-- Flow 1:

Average throughput: 90.27 Mbit/s

95th percentile per-packet one-way delay: 62.403 ms

Loss rate: 0.08%

Run 10: Report of CalibratedKoho — Data Link



Run 1: Statistics of Copa

Start at: 2017-09-17 12:46:07

End at: 2017-09-17 12:46:37

Local clock offset: -0.933 ms

Remote clock offset: 0.189 ms

Below is generated by plot.py at 2017-09-17 16:29:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.05 Mbit/s

95th percentile per-packet one-way delay: 52.223 ms

Loss rate: 0.00%

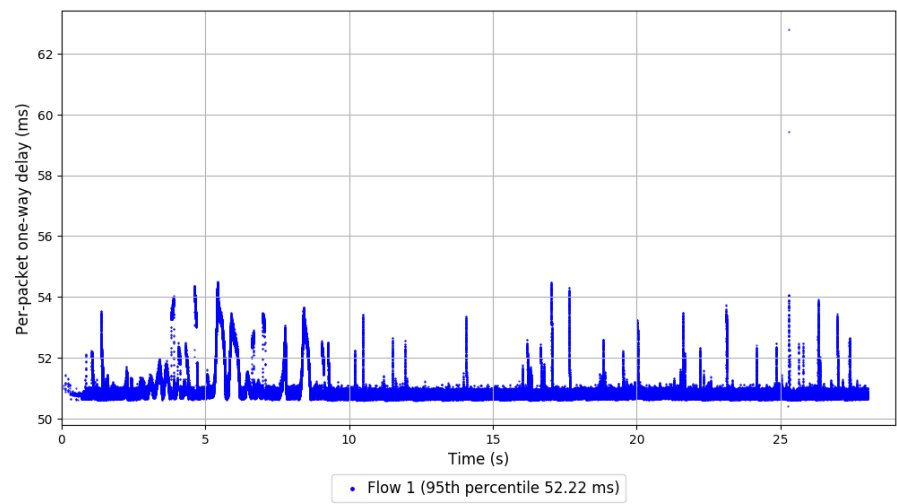
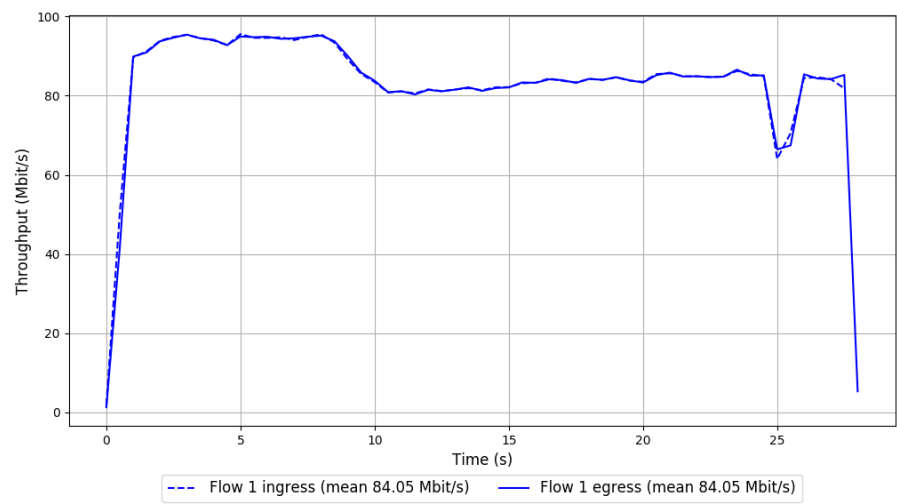
-- Flow 1:

Average throughput: 84.05 Mbit/s

95th percentile per-packet one-way delay: 52.223 ms

Loss rate: 0.00%

Run 1: Report of Copa — Data Link

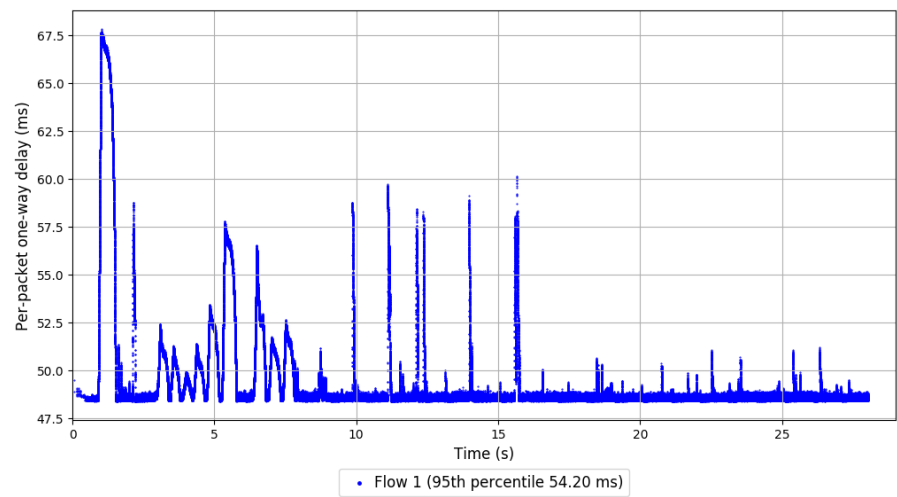
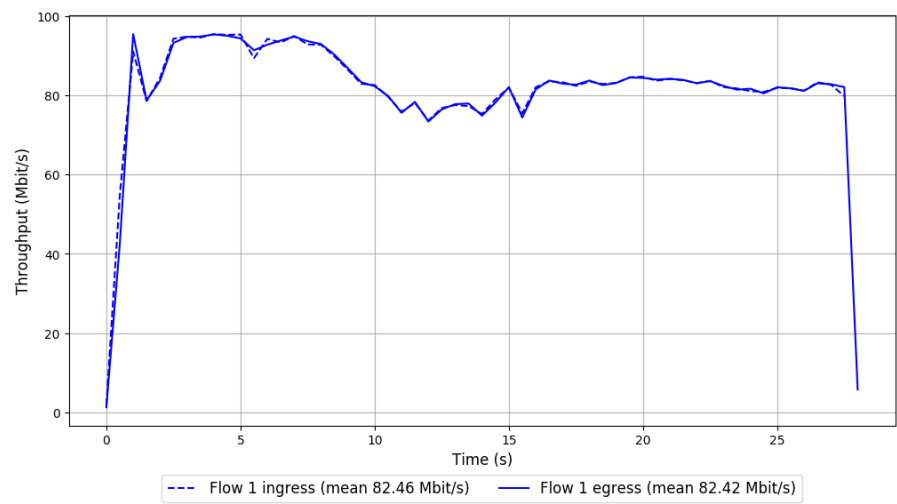


Run 2: Statistics of Copa

Start at: 2017-09-17 13:05:56
End at: 2017-09-17 13:06:26
Local clock offset: -0.883 ms
Remote clock offset: -2.447 ms

Below is generated by plot.py at 2017-09-17 16:29:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.42 Mbit/s
95th percentile per-packet one-way delay: 54.201 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 82.42 Mbit/s
95th percentile per-packet one-way delay: 54.201 ms
Loss rate: 0.05%

Run 2: Report of Copa — Data Link

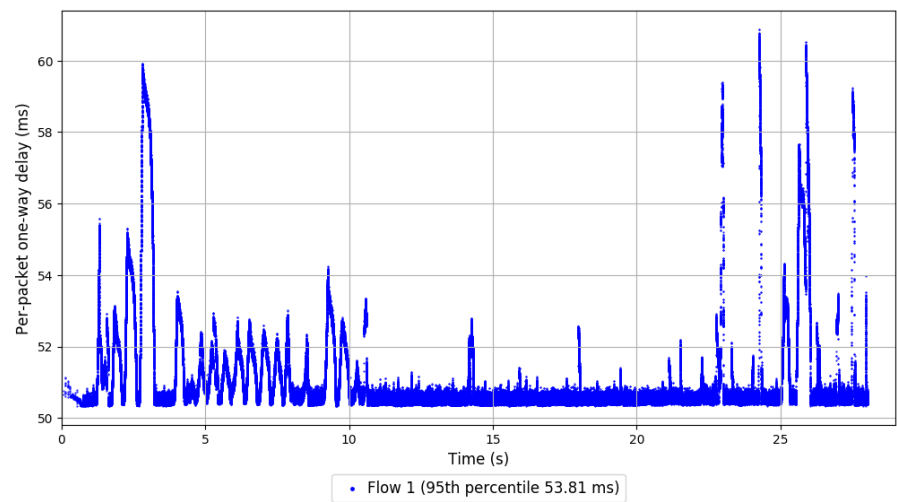
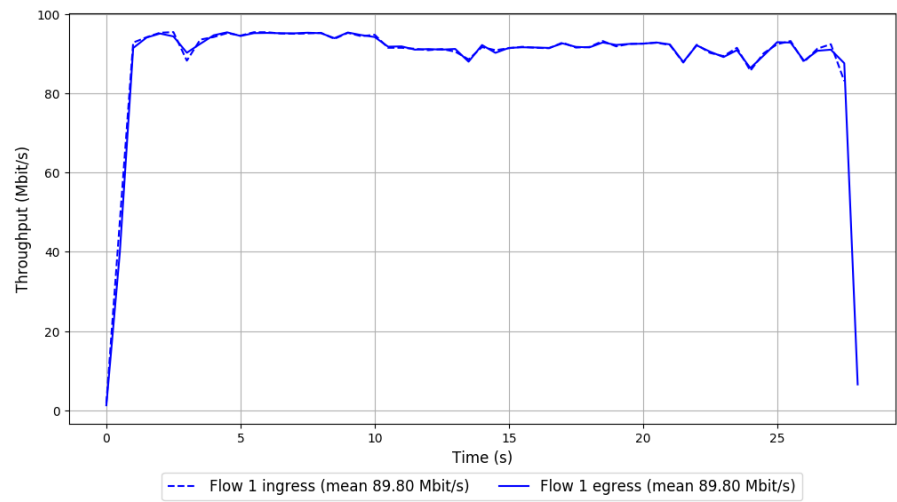


Run 3: Statistics of Copa

Start at: 2017-09-17 13:25:56
End at: 2017-09-17 13:26:26
Local clock offset: -0.986 ms
Remote clock offset: -0.875 ms

Below is generated by plot.py at 2017-09-17 16:29:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.80 Mbit/s
95th percentile per-packet one-way delay: 53.809 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 89.80 Mbit/s
95th percentile per-packet one-way delay: 53.809 ms
Loss rate: 0.00%

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

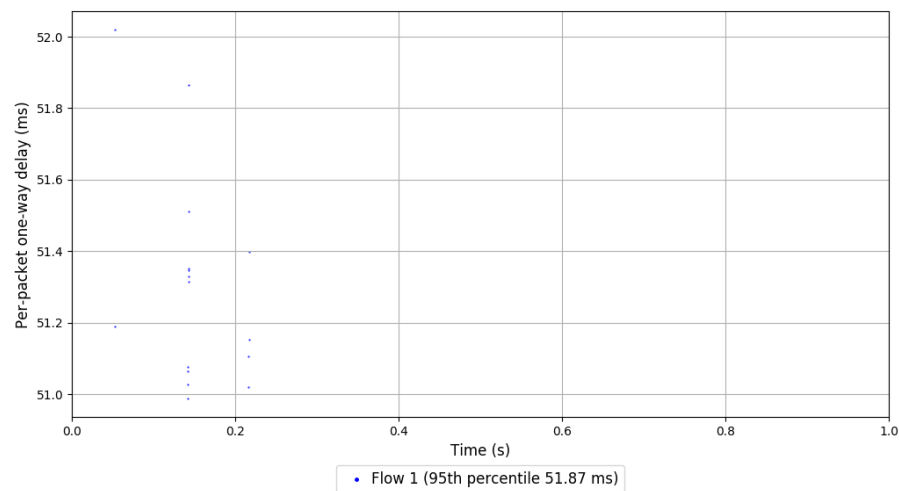
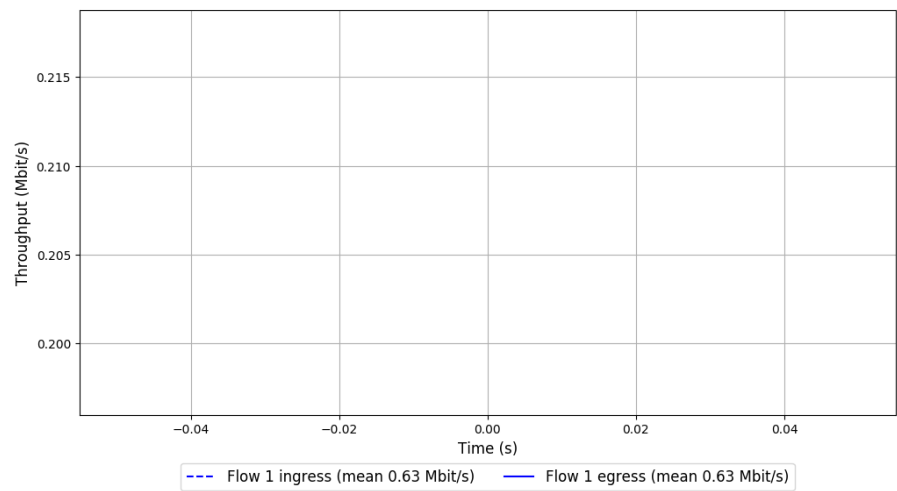
Start at: 2017-09-17 13:45:58

End at: 2017-09-17 13:46:28

Local clock offset: -0.739 ms

Remote clock offset: -1.058 ms

Run 4: Report of Copa — Data Link

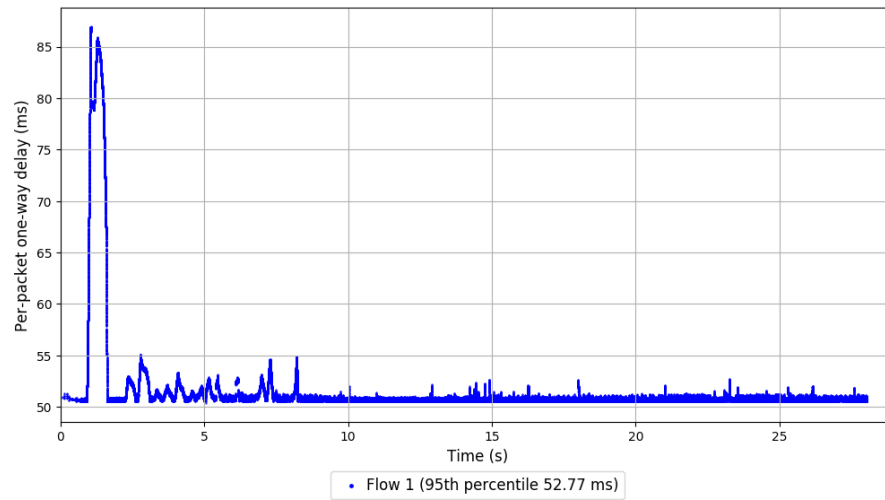
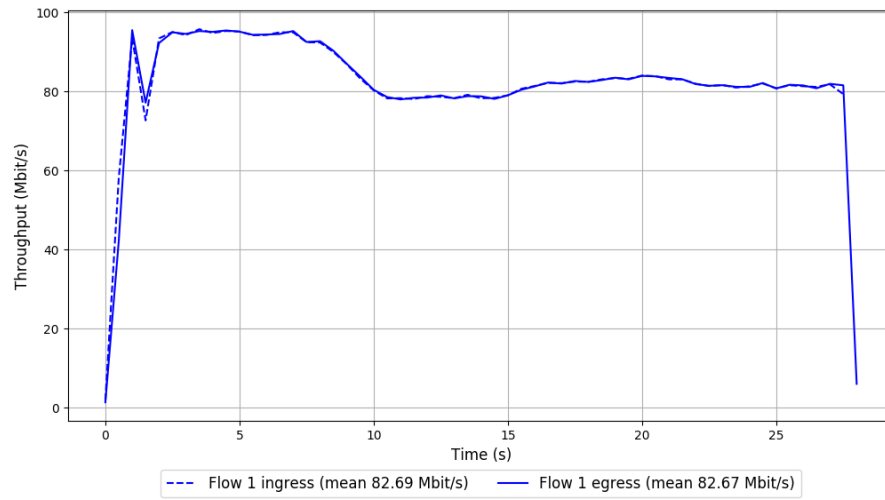


Run 5: Statistics of Copa

Start at: 2017-09-17 14:05:54
End at: 2017-09-17 14:06:24
Local clock offset: -0.76 ms
Remote clock offset: -1.831 ms

Below is generated by plot.py at 2017-09-17 16:29:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.67 Mbit/s
95th percentile per-packet one-way delay: 52.770 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 82.67 Mbit/s
95th percentile per-packet one-way delay: 52.770 ms
Loss rate: 0.03%

Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

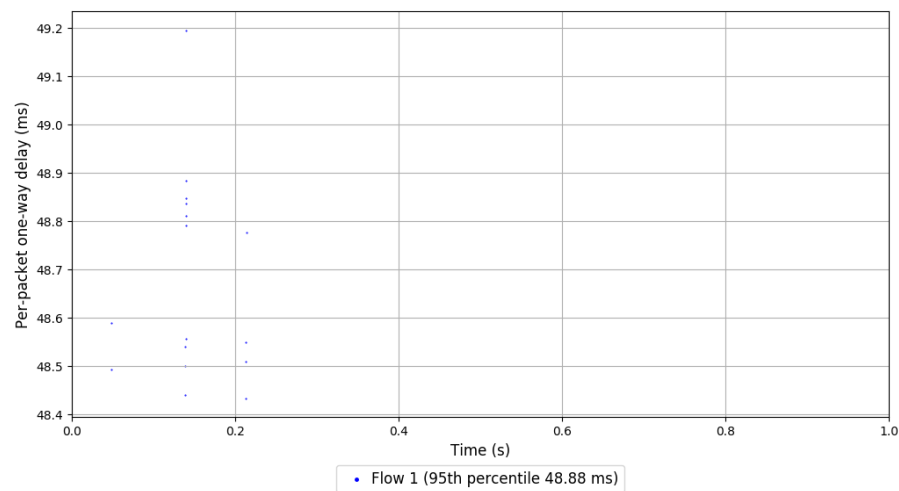
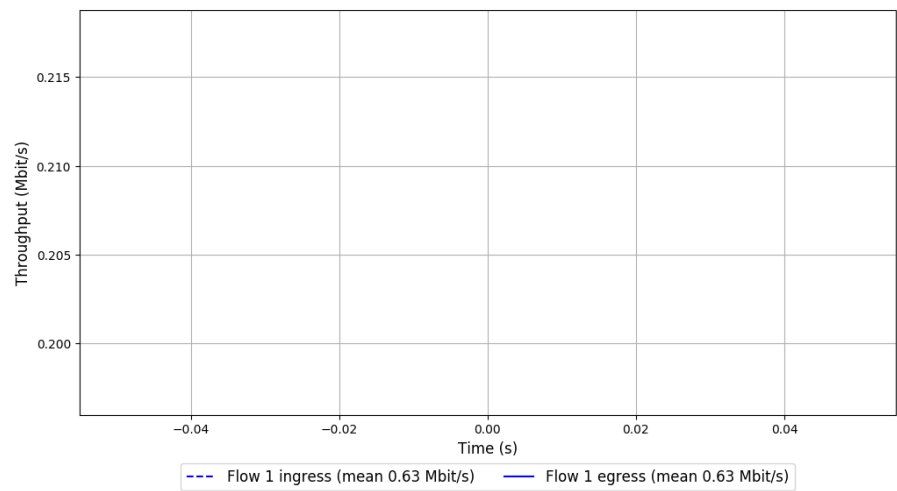
Start at: 2017-09-17 14:25:59

End at: 2017-09-17 14:26:29

Local clock offset: -0.612 ms

Remote clock offset: -3.983 ms

Run 6: Report of Copa — Data Link

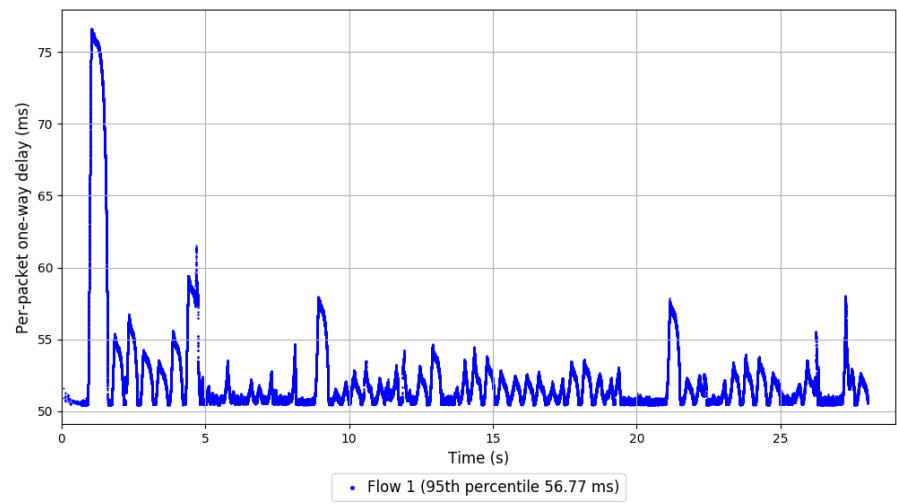
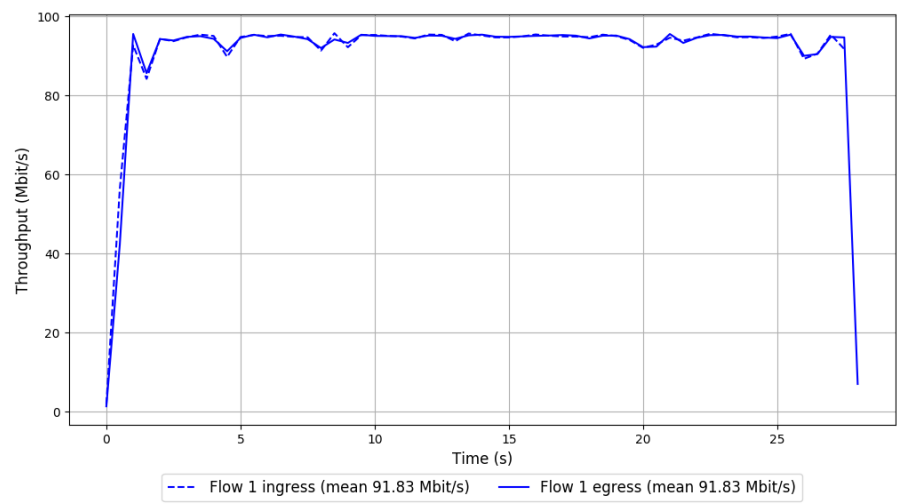


Run 7: Statistics of Copa

Start at: 2017-09-17 14:45:59
End at: 2017-09-17 14:46:29
Local clock offset: -0.422 ms
Remote clock offset: -1.67 ms

Below is generated by plot.py at 2017-09-17 16:30:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.83 Mbit/s
95th percentile per-packet one-way delay: 56.773 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 91.83 Mbit/s
95th percentile per-packet one-way delay: 56.773 ms
Loss rate: 0.01%

Run 7: Report of Copa — Data Link

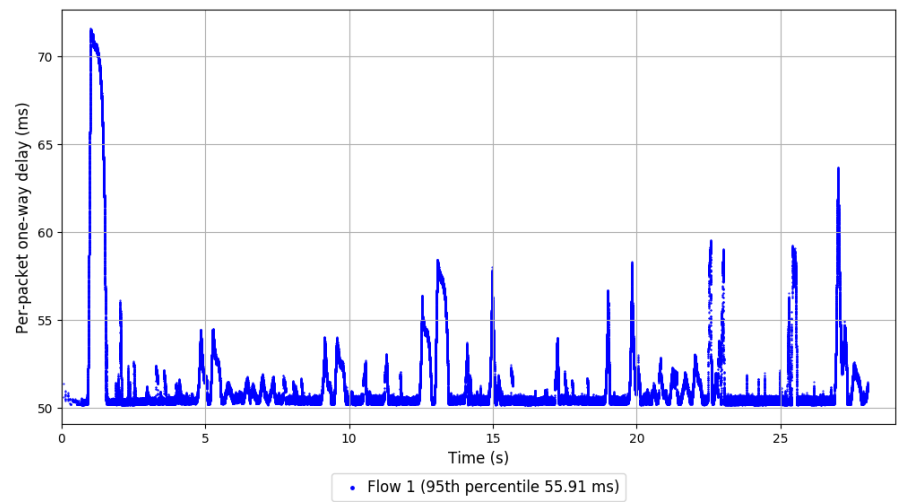
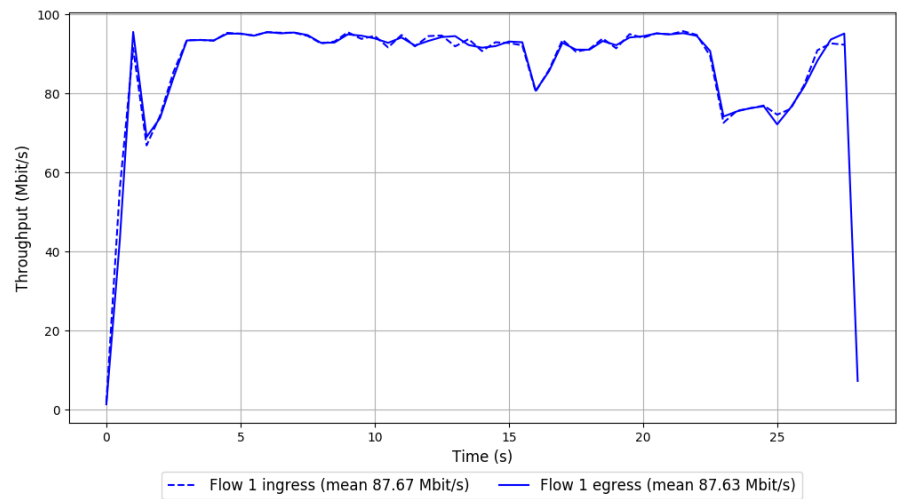


Run 8: Statistics of Copa

Start at: 2017-09-17 15:06:13
End at: 2017-09-17 15:06:43
Local clock offset: -0.198 ms
Remote clock offset: -1.274 ms

Below is generated by plot.py at 2017-09-17 16:30:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.63 Mbit/s
95th percentile per-packet one-way delay: 55.905 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 87.63 Mbit/s
95th percentile per-packet one-way delay: 55.905 ms
Loss rate: 0.04%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

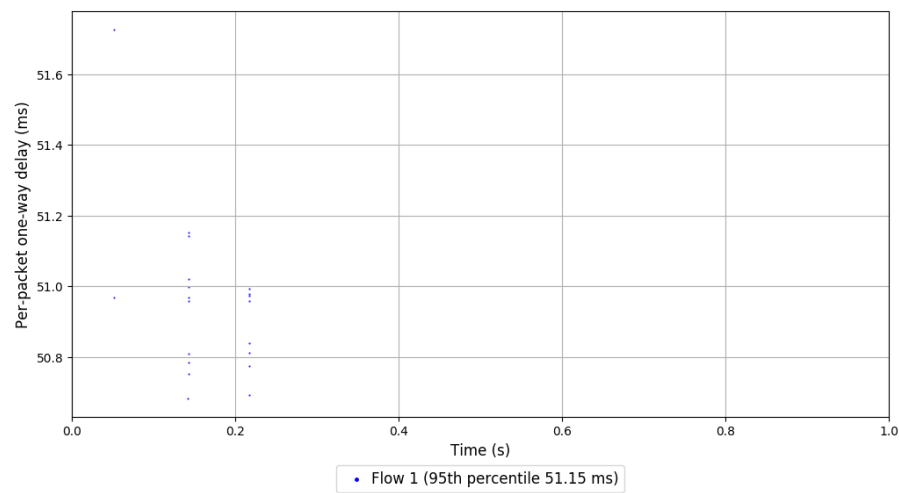
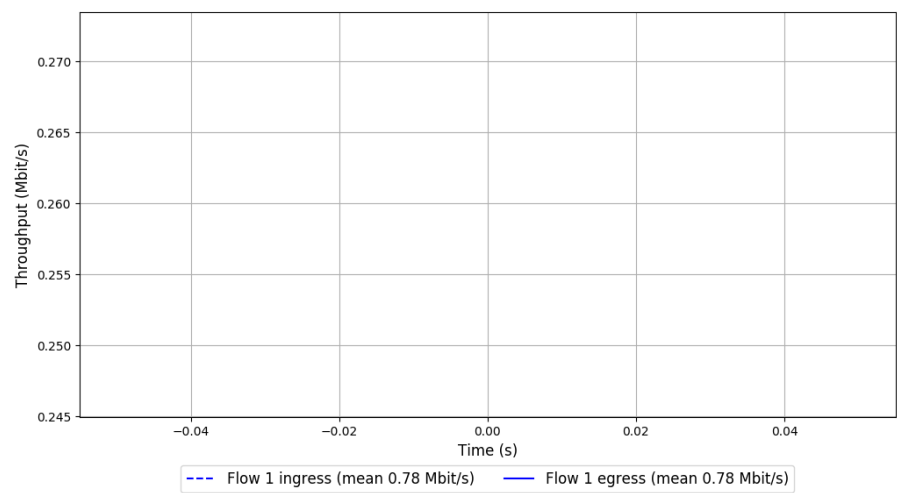
Start at: 2017-09-17 15:26:18

End at: 2017-09-17 15:26:48

Local clock offset: -0.073 ms

Remote clock offset: -1.017 ms

Run 9: Report of Copa — Data Link

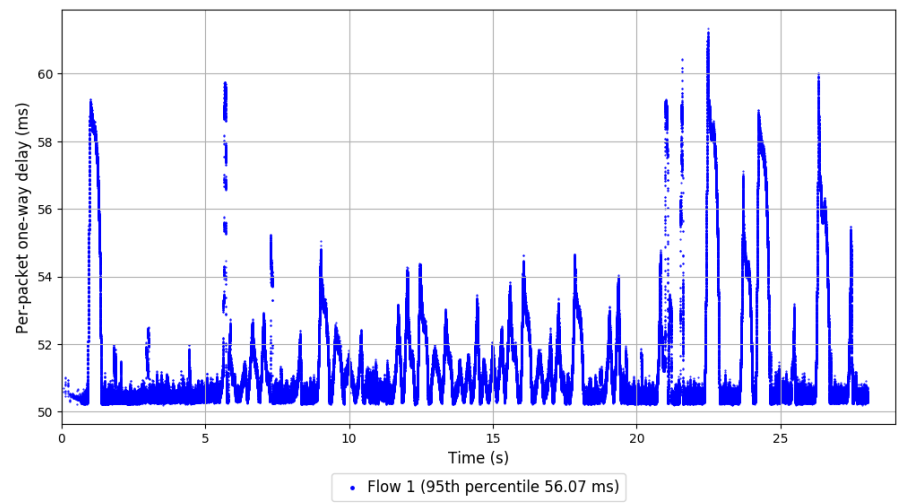
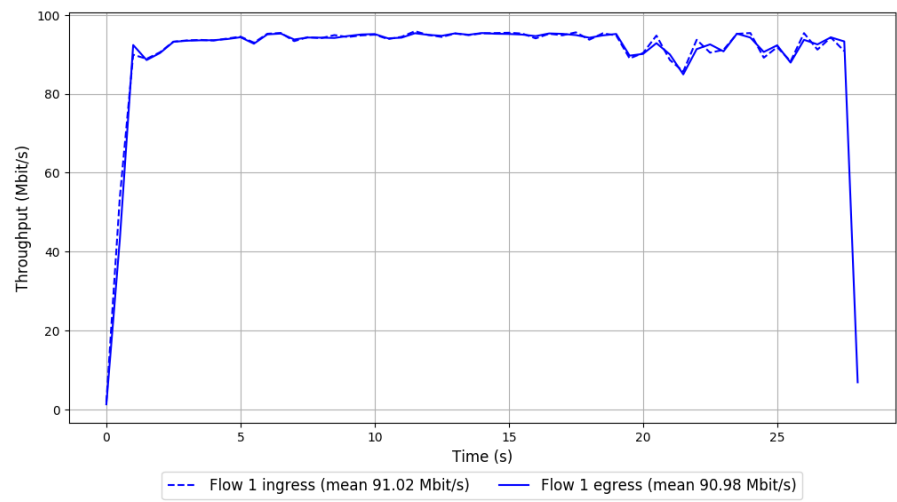


Run 10: Statistics of Copa

Start at: 2017-09-17 15:46:41
End at: 2017-09-17 15:47:11
Local clock offset: -0.075 ms
Remote clock offset: -0.967 ms

Below is generated by plot.py at 2017-09-17 16:30:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.98 Mbit/s
95th percentile per-packet one-way delay: 56.071 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 90.98 Mbit/s
95th percentile per-packet one-way delay: 56.071 ms
Loss rate: 0.04%

Run 10: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

Start at: 2017-09-17 12:35:27

End at: 2017-09-17 12:35:57

Local clock offset: -0.99 ms

Remote clock offset: 0.667 ms

Below is generated by plot.py at 2017-09-17 16:30:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.01 Mbit/s

95th percentile per-packet one-way delay: 85.515 ms

Loss rate: 0.21%

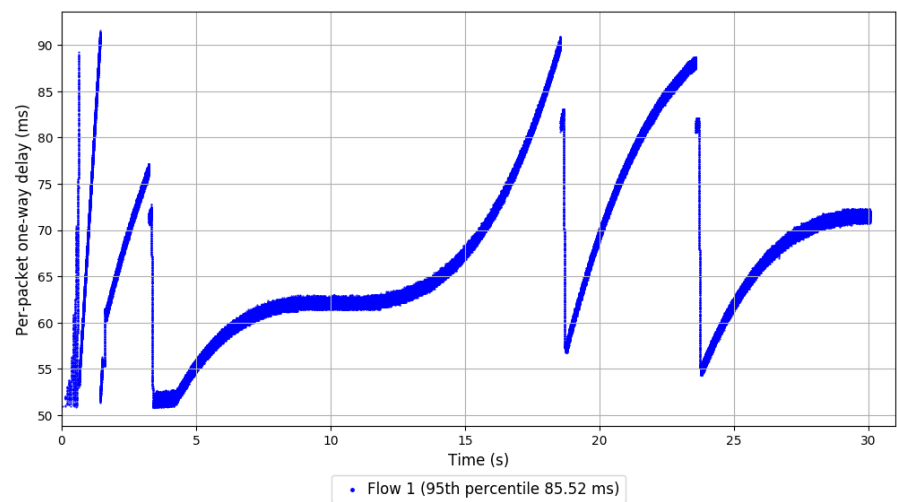
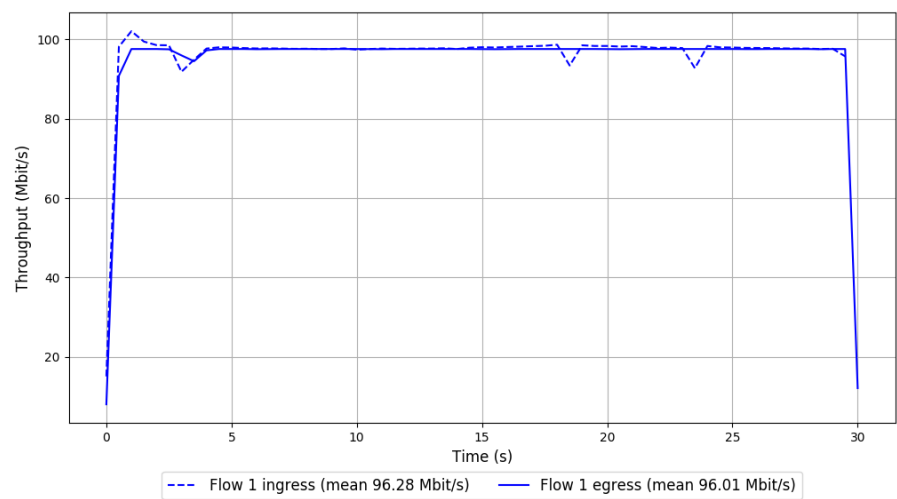
-- Flow 1:

Average throughput: 96.01 Mbit/s

95th percentile per-packet one-way delay: 85.515 ms

Loss rate: 0.21%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: 2017-09-17 12:55:24

End at: 2017-09-17 12:55:54

Local clock offset: -0.761 ms

Remote clock offset: 0.38 ms

Below is generated by plot.py at 2017-09-17 16:30:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.64 Mbit/s

95th percentile per-packet one-way delay: 88.405 ms

Loss rate: 0.43%

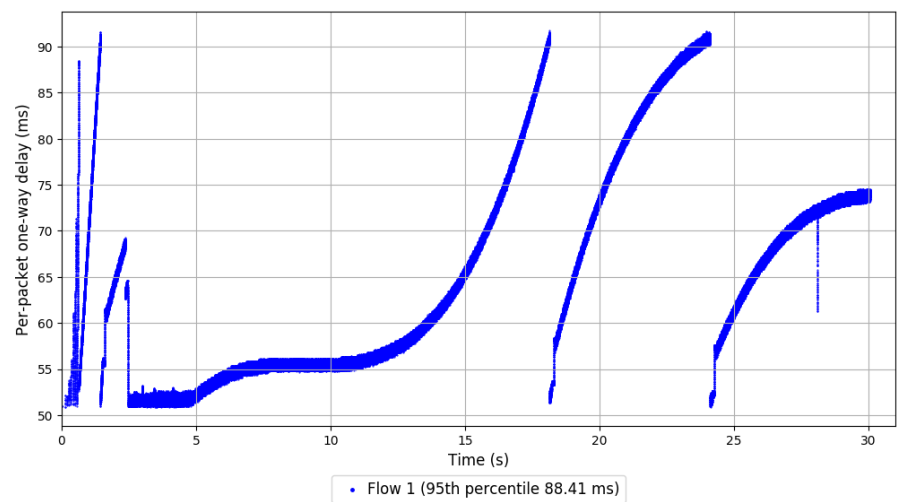
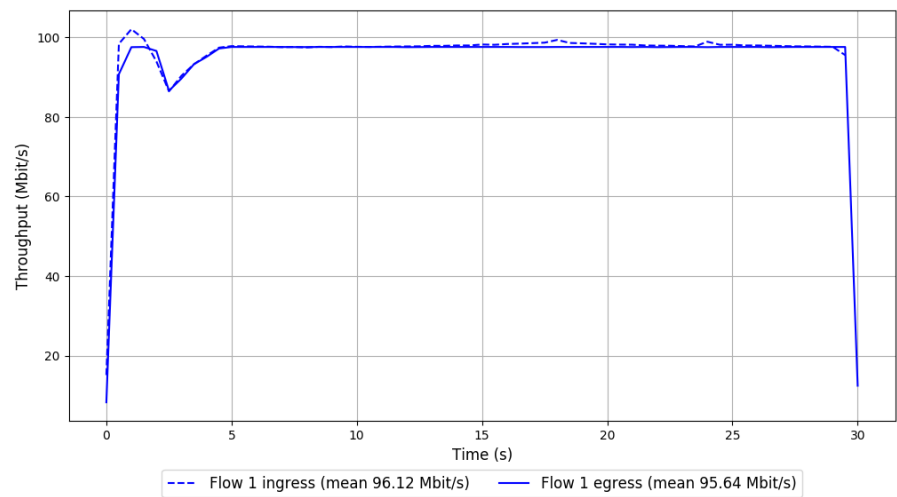
-- Flow 1:

Average throughput: 95.64 Mbit/s

95th percentile per-packet one-way delay: 88.405 ms

Loss rate: 0.43%

Run 2: Report of TCP Cubic — Data Link

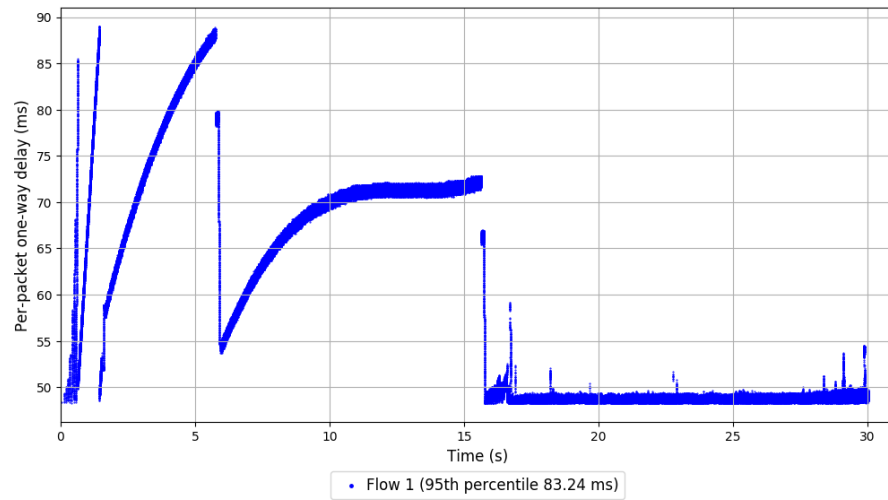
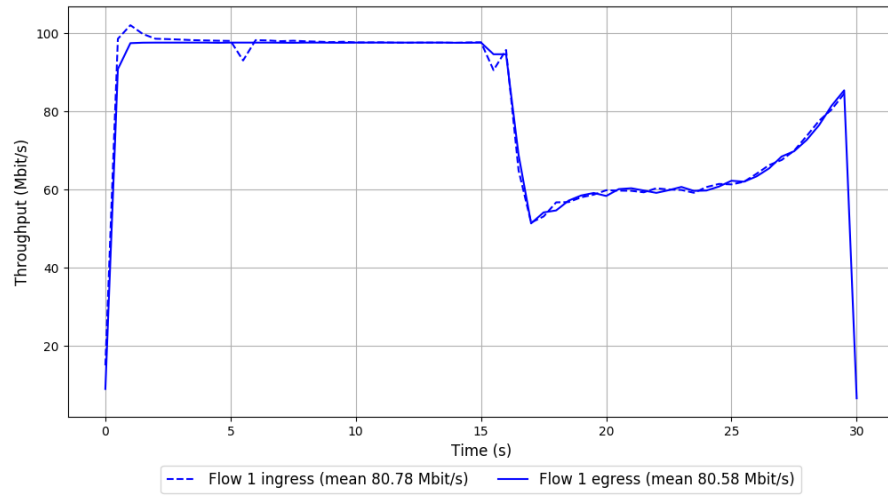


Run 3: Statistics of TCP Cubic

Start at: 2017-09-17 13:15:15
End at: 2017-09-17 13:15:45
Local clock offset: -0.935 ms
Remote clock offset: -2.604 ms

Below is generated by plot.py at 2017-09-17 16:30:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.58 Mbit/s
95th percentile per-packet one-way delay: 83.241 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 80.58 Mbit/s
95th percentile per-packet one-way delay: 83.241 ms
Loss rate: 0.25%

Run 3: Report of TCP Cubic — Data Link

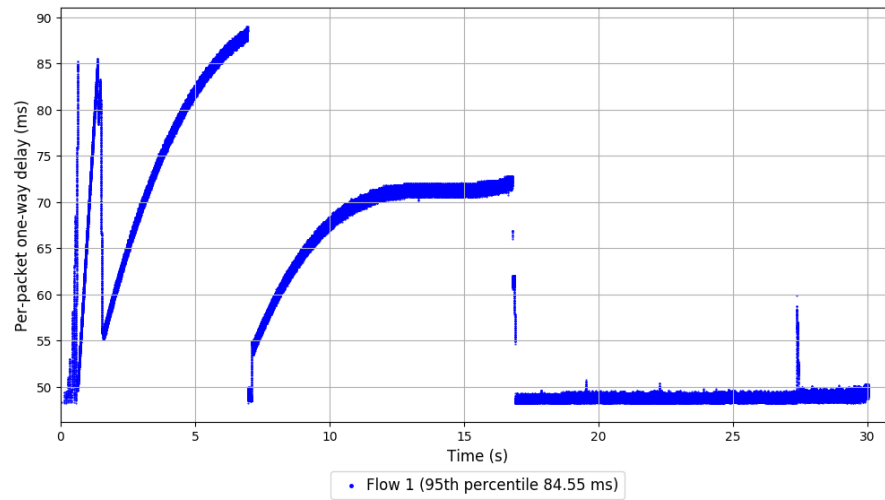
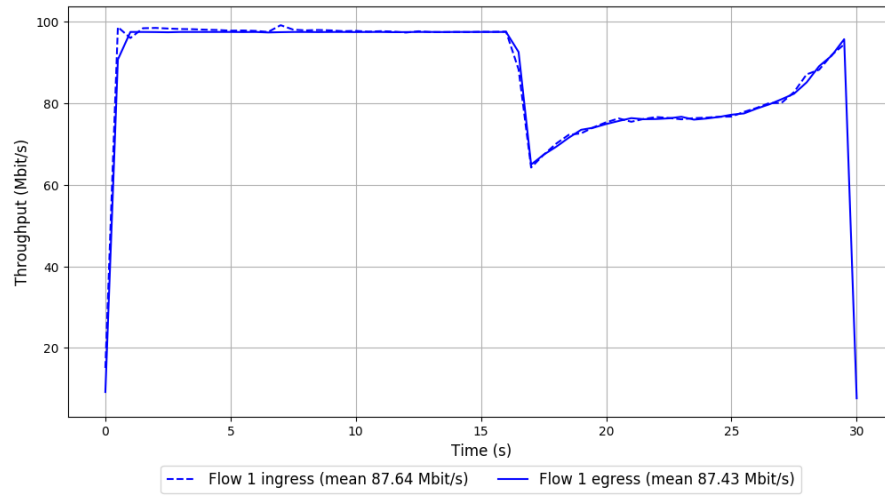


Run 4: Statistics of TCP Cubic

Start at: 2017-09-17 13:35:17
End at: 2017-09-17 13:35:47
Local clock offset: -0.921 ms
Remote clock offset: -3.232 ms

Below is generated by plot.py at 2017-09-17 16:30:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.43 Mbit/s
95th percentile per-packet one-way delay: 84.546 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 87.43 Mbit/s
95th percentile per-packet one-way delay: 84.546 ms
Loss rate: 0.23%

Run 4: Report of TCP Cubic — Data Link

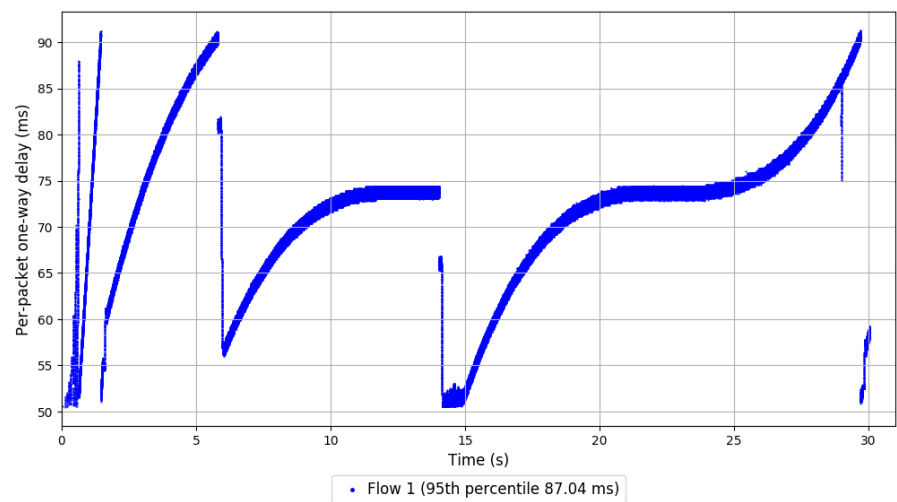
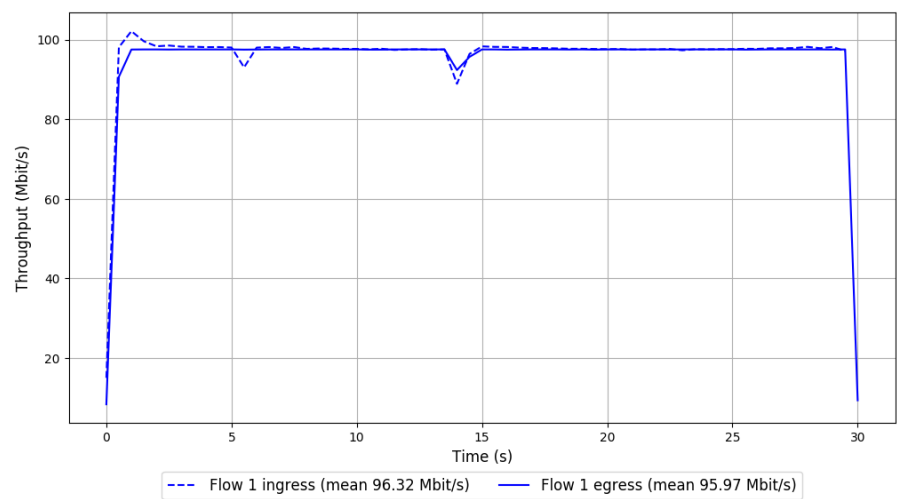


Run 5: Statistics of TCP Cubic

Start at: 2017-09-17 13:55:10
End at: 2017-09-17 13:55:40
Local clock offset: -0.783 ms
Remote clock offset: -1.583 ms

Below is generated by plot.py at 2017-09-17 16:31:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.97 Mbit/s
95th percentile per-packet one-way delay: 87.041 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 95.97 Mbit/s
95th percentile per-packet one-way delay: 87.041 ms
Loss rate: 0.33%

Run 5: Report of TCP Cubic — Data Link

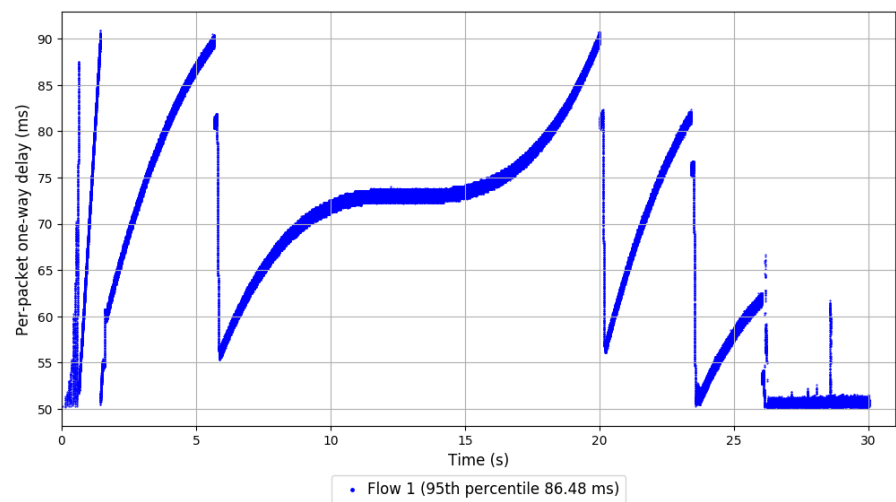
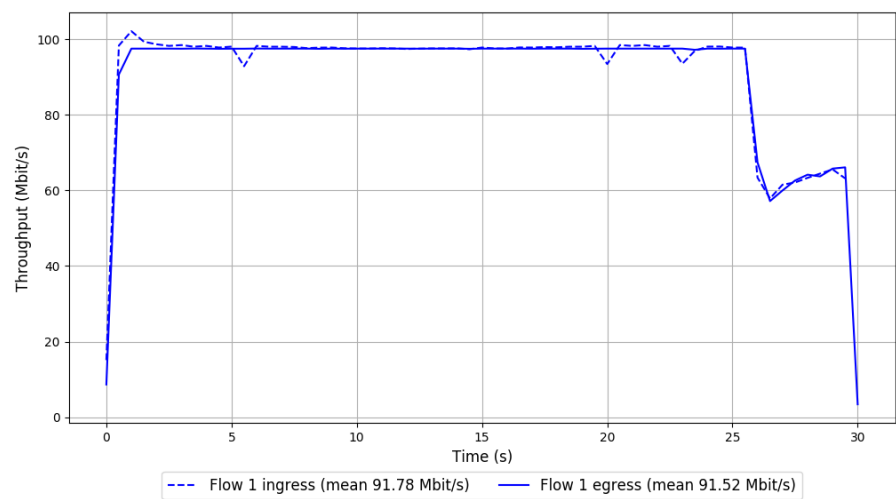


Run 6: Statistics of TCP Cubic

Start at: 2017-09-17 14:15:15
End at: 2017-09-17 14:15:45
Local clock offset: -0.584 ms
Remote clock offset: -1.902 ms

Below is generated by plot.py at 2017-09-17 16:31:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.52 Mbit/s
95th percentile per-packet one-way delay: 86.480 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 91.52 Mbit/s
95th percentile per-packet one-way delay: 86.480 ms
Loss rate: 0.29%

Run 6: Report of TCP Cubic — Data Link

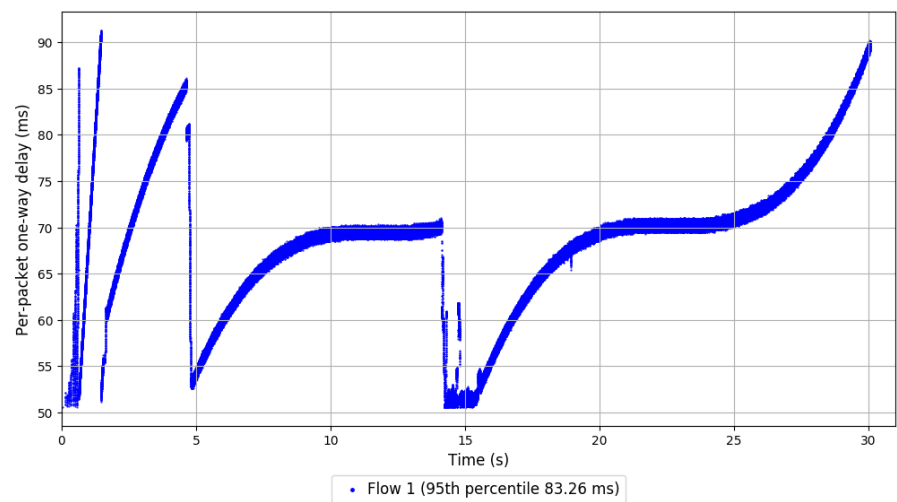
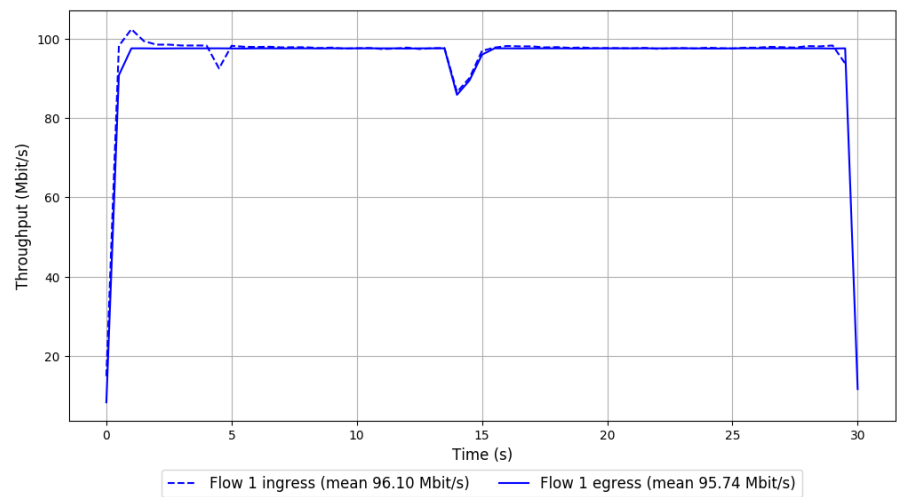


Run 7: Statistics of TCP Cubic

Start at: 2017-09-17 14:35:12
End at: 2017-09-17 14:35:42
Local clock offset: -0.54 ms
Remote clock offset: -1.795 ms

Below is generated by plot.py at 2017-09-17 16:32:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.74 Mbit/s
95th percentile per-packet one-way delay: 83.263 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 95.74 Mbit/s
95th percentile per-packet one-way delay: 83.263 ms
Loss rate: 0.27%

Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: 2017-09-17 14:55:28

End at: 2017-09-17 14:55:58

Local clock offset: -0.276 ms

Remote clock offset: -1.41 ms

Below is generated by plot.py at 2017-09-17 16:32:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.48 Mbit/s

95th percentile per-packet one-way delay: 60.519 ms

Loss rate: 0.04%

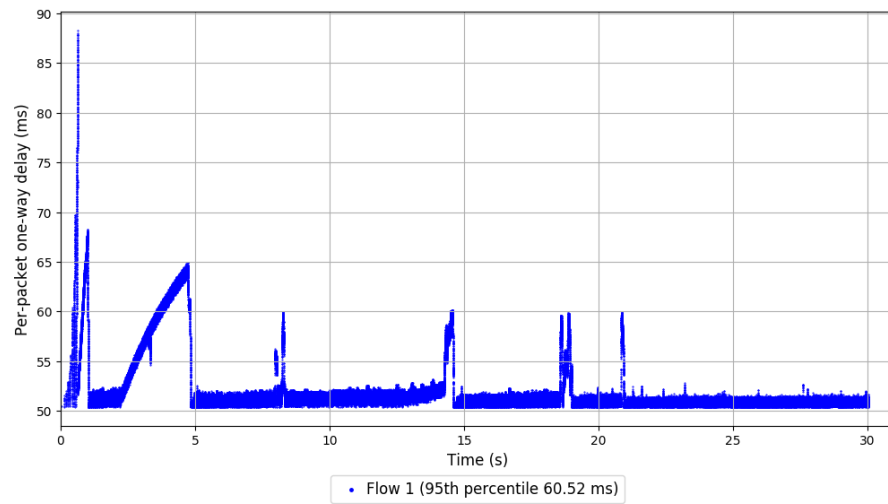
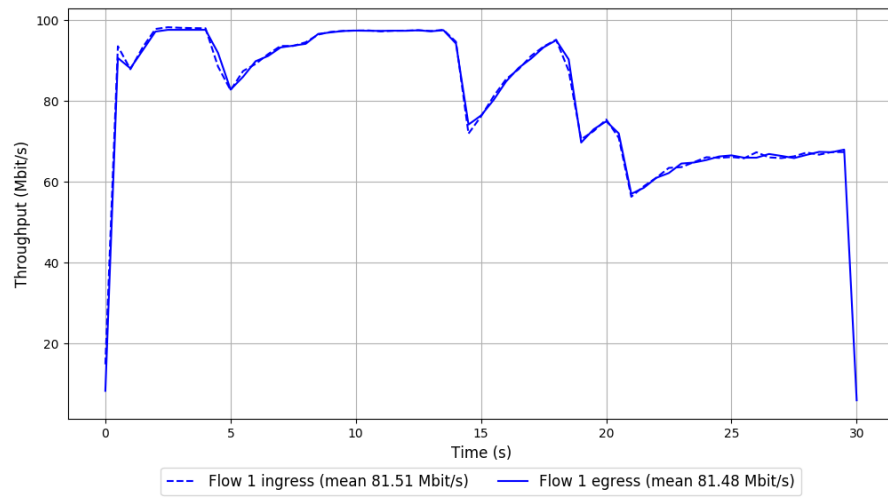
-- Flow 1:

Average throughput: 81.48 Mbit/s

95th percentile per-packet one-way delay: 60.519 ms

Loss rate: 0.04%

Run 8: Report of TCP Cubic — Data Link

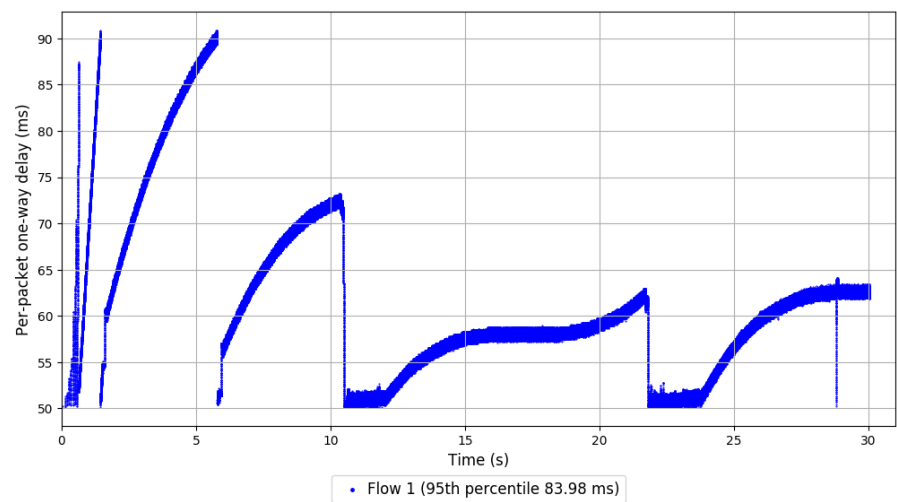
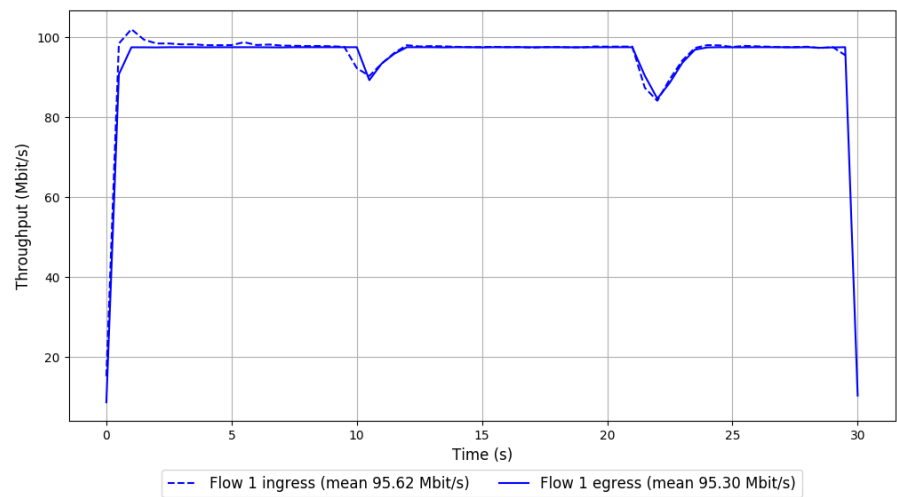


Run 9: Statistics of TCP Cubic

Start at: 2017-09-17 15:15:35
End at: 2017-09-17 15:16:05
Local clock offset: -0.137 ms
Remote clock offset: -1.162 ms

Below is generated by plot.py at 2017-09-17 16:32:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.30 Mbit/s
95th percentile per-packet one-way delay: 83.983 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 95.30 Mbit/s
95th percentile per-packet one-way delay: 83.983 ms
Loss rate: 0.28%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2017-09-17 15:35:48

End at: 2017-09-17 15:36:18

Local clock offset: -0.018 ms

Remote clock offset: -1.03 ms

Below is generated by plot.py at 2017-09-17 16:32:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.90 Mbit/s

95th percentile per-packet one-way delay: 84.466 ms

Loss rate: 0.33%

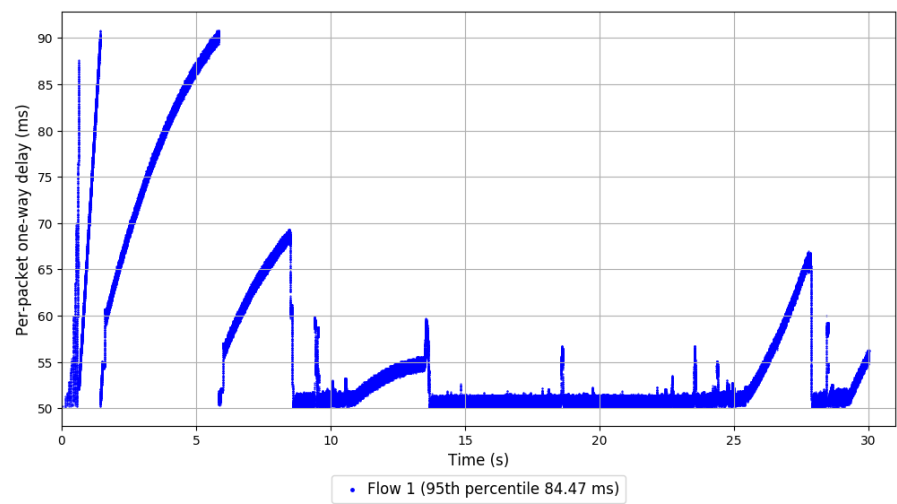
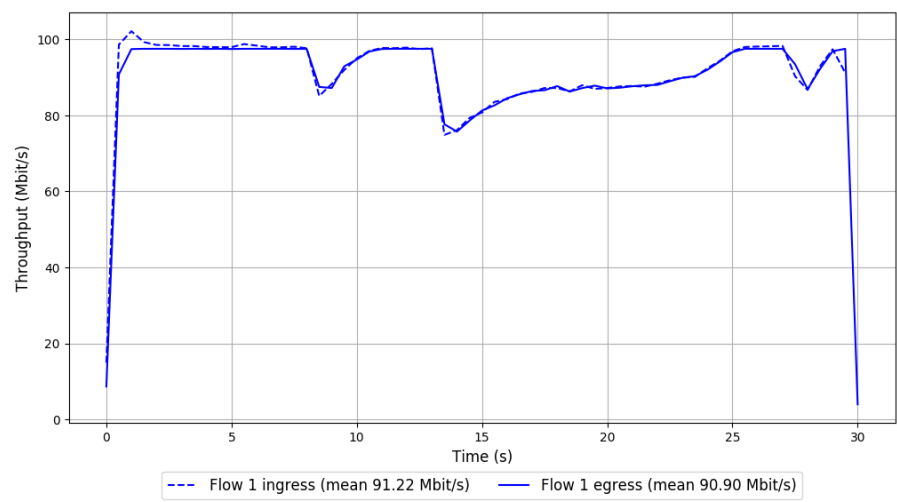
-- Flow 1:

Average throughput: 90.90 Mbit/s

95th percentile per-packet one-way delay: 84.466 ms

Loss rate: 0.33%

Run 10: Report of TCP Cubic — Data Link



Run 1: Statistics of Indigo

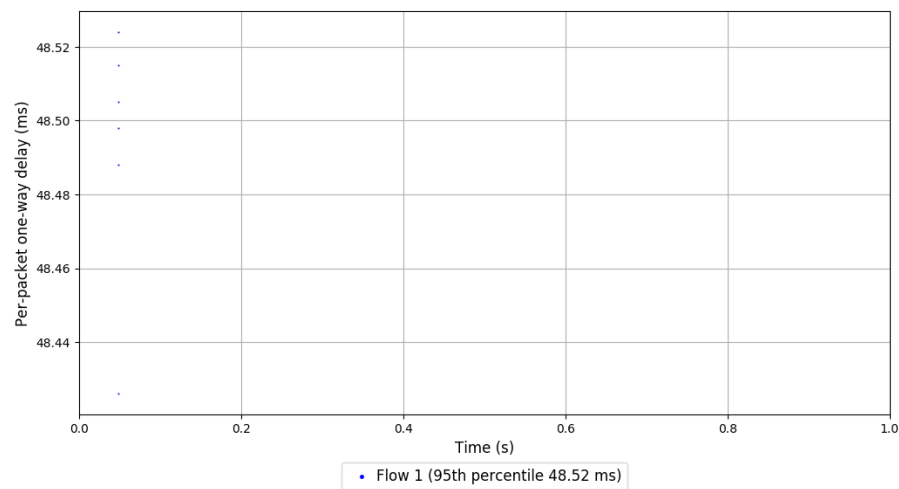
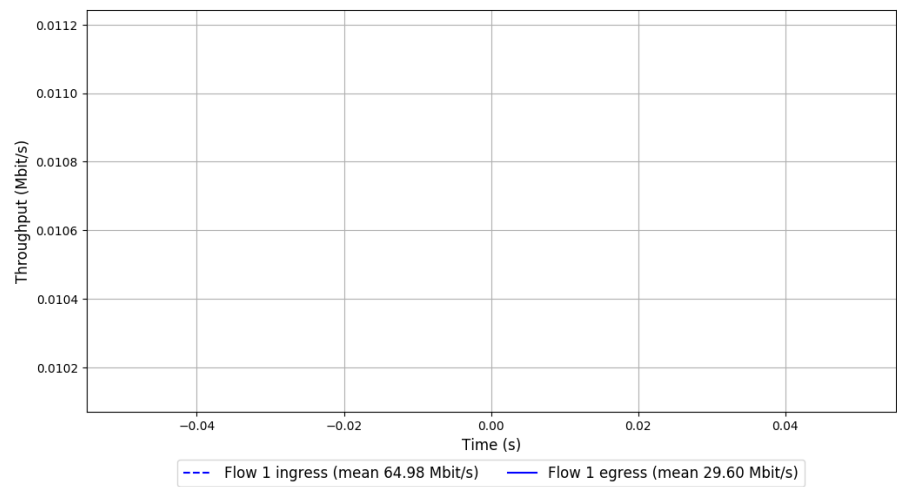
Start at: 2017-09-17 12:52:47

End at: 2017-09-17 12:53:17

Local clock offset: -0.784 ms

Remote clock offset: -2.128 ms

Run 1: Report of Indigo — Data Link



Run 2: Statistics of Indigo

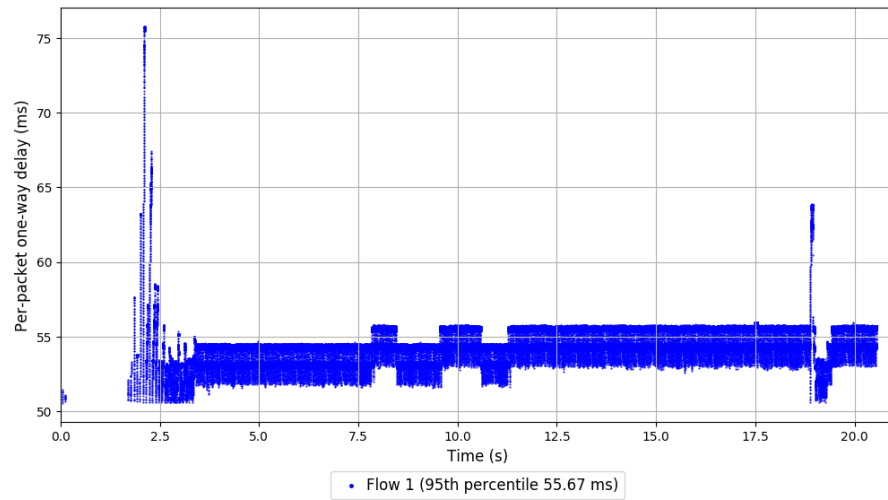
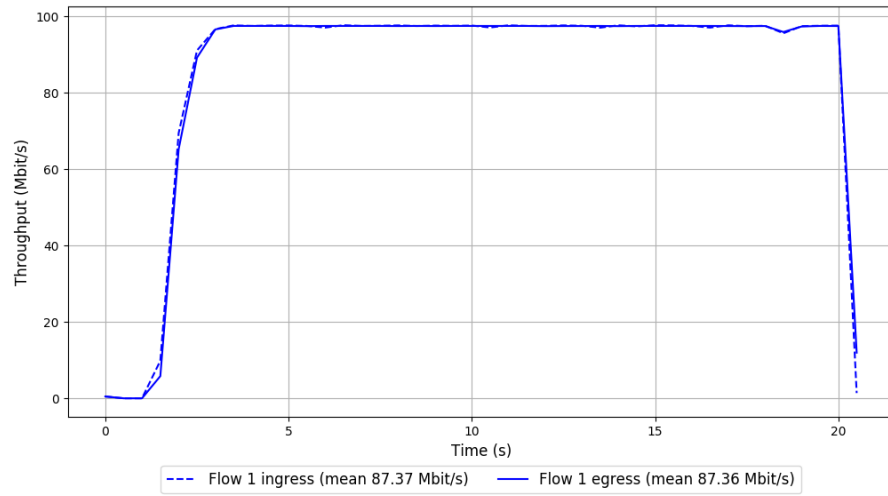
Start at: 2017-09-17 13:12:34

End at: 2017-09-17 13:13:04

Local clock offset: -0.82 ms

Remote clock offset: -0.397 ms

Run 2: Report of Indigo — Data Link



Run 3: Statistics of Indigo

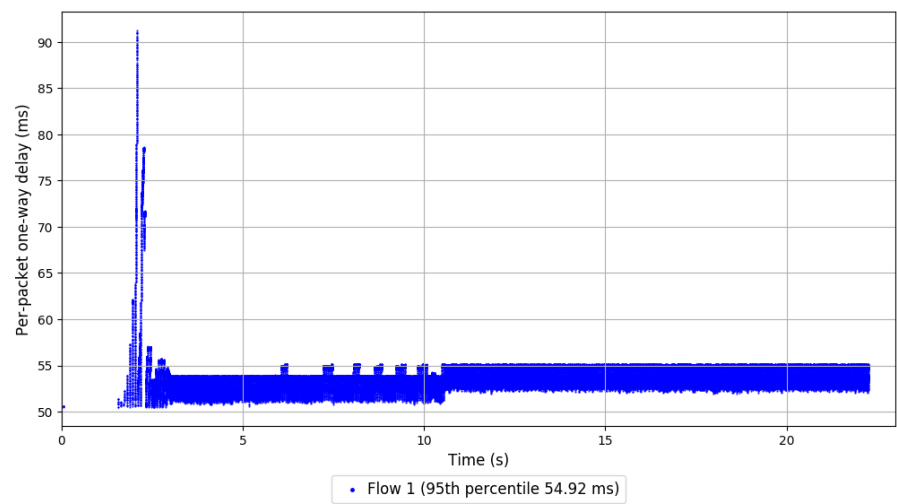
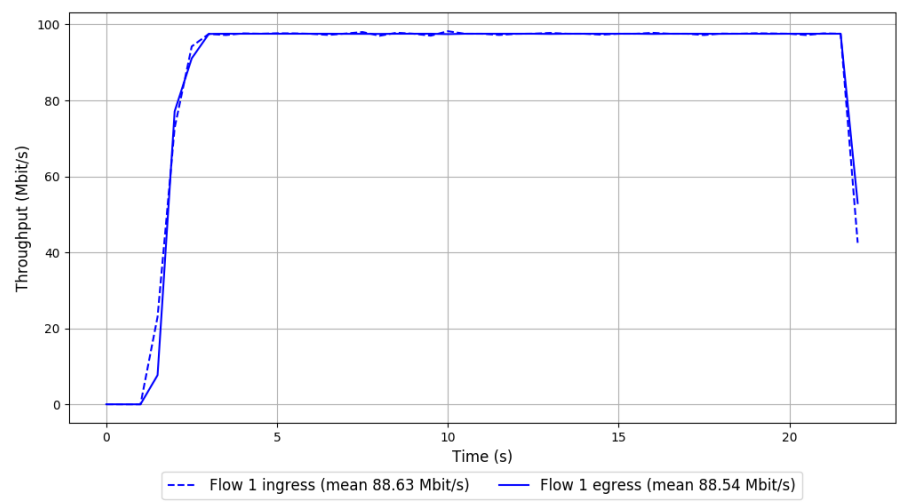
Start at: 2017-09-17 13:32:35

End at: 2017-09-17 13:33:05

Local clock offset: -0.846 ms

Remote clock offset: -1.045 ms

Run 3: Report of Indigo — Data Link



Run 4: Statistics of Indigo

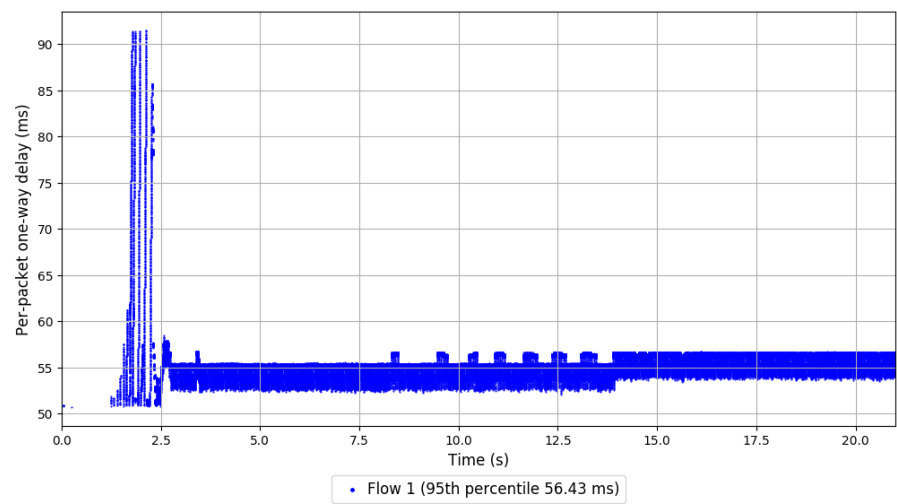
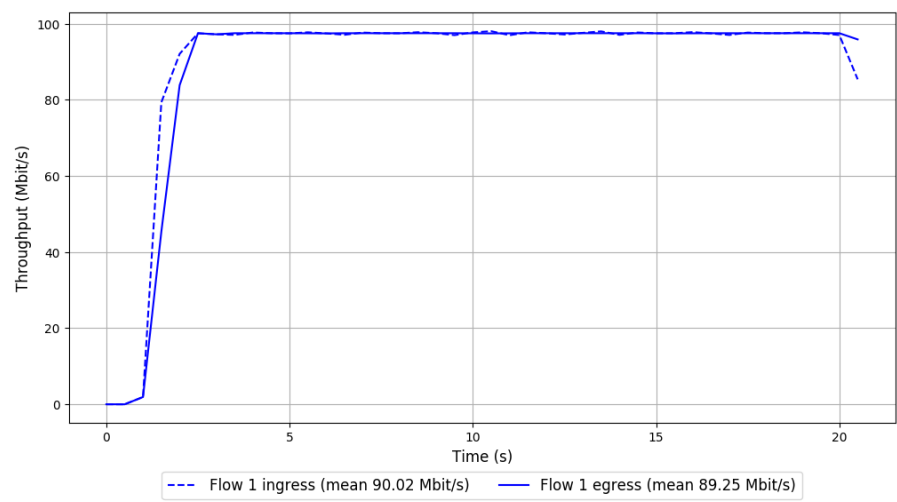
Start at: 2017-09-17 13:52:30

End at: 2017-09-17 13:53:00

Local clock offset: -0.713 ms

Remote clock offset: -1.161 ms

Run 4: Report of Indigo — Data Link



Run 5: Statistics of Indigo

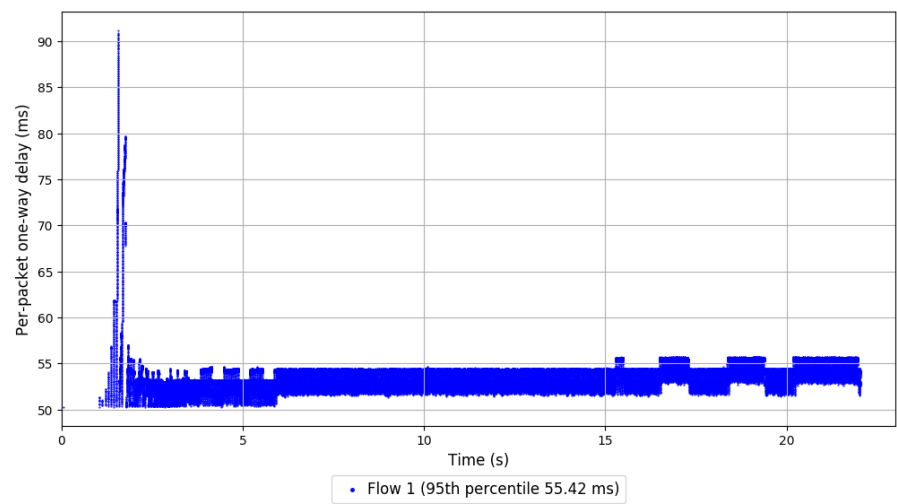
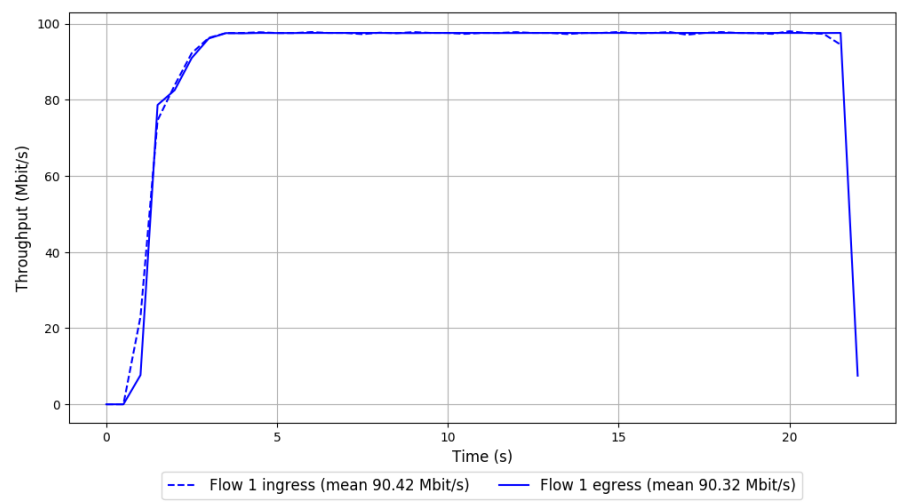
Start at: 2017-09-17 14:12:33

End at: 2017-09-17 14:13:03

Local clock offset: -0.716 ms

Remote clock offset: -1.879 ms

Run 5: Report of Indigo — Data Link



Run 6: Statistics of Indigo

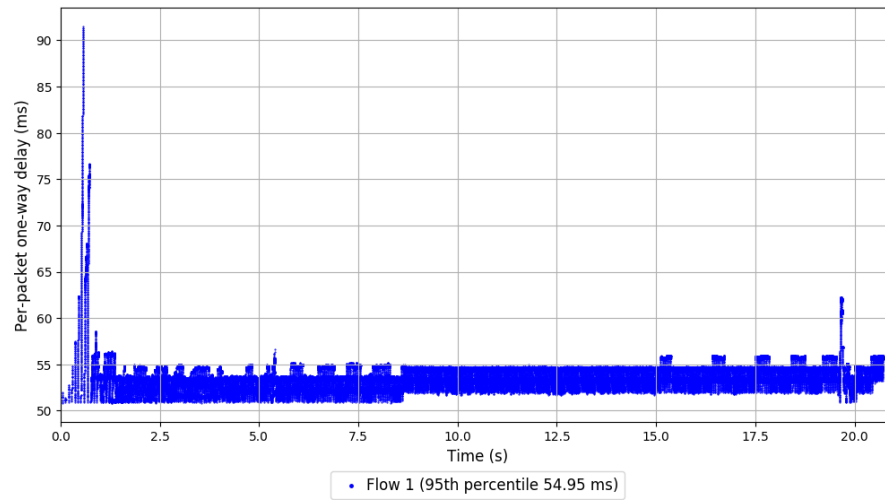
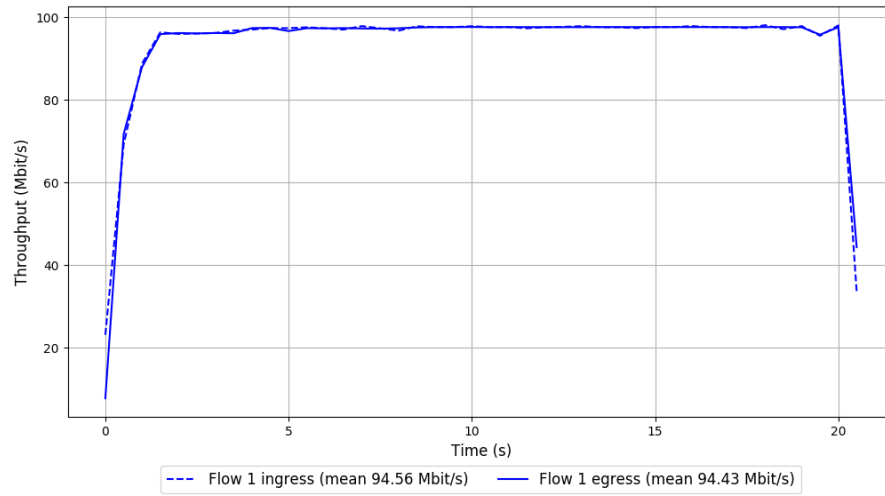
Start at: 2017-09-17 14:32:30

End at: 2017-09-17 14:33:00

Local clock offset: -0.448 ms

Remote clock offset: -1.42 ms

Run 6: Report of Indigo — Data Link

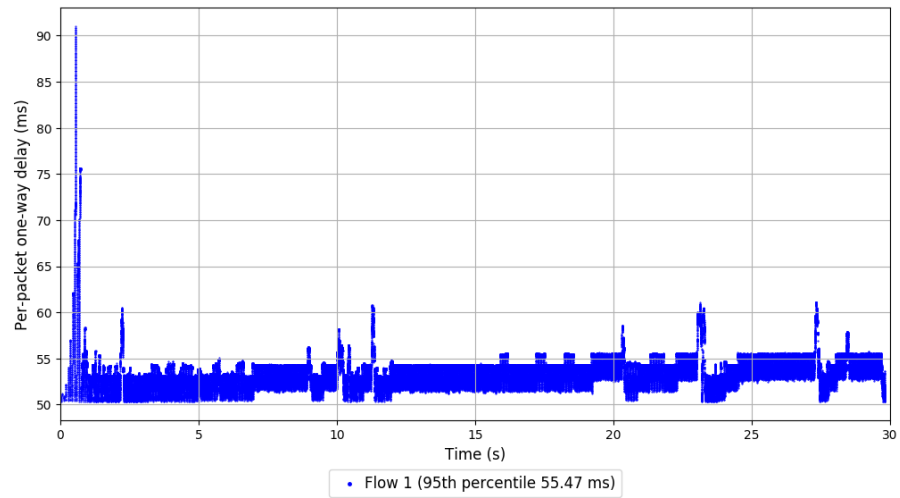
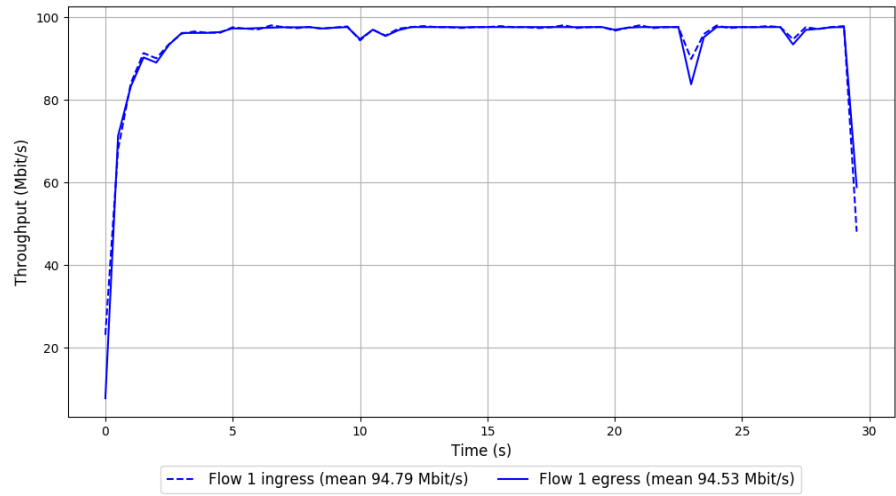


Run 7: Statistics of Indigo

Start at: 2017-09-17 14:52:43
End at: 2017-09-17 14:53:13
Local clock offset: -0.279 ms
Remote clock offset: -1.501 ms

Below is generated by plot.py at 2017-09-17 16:33:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.53 Mbit/s
95th percentile per-packet one-way delay: 55.474 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 94.53 Mbit/s
95th percentile per-packet one-way delay: 55.474 ms
Loss rate: 0.26%

Run 7: Report of Indigo — Data Link



Run 8: Statistics of Indigo

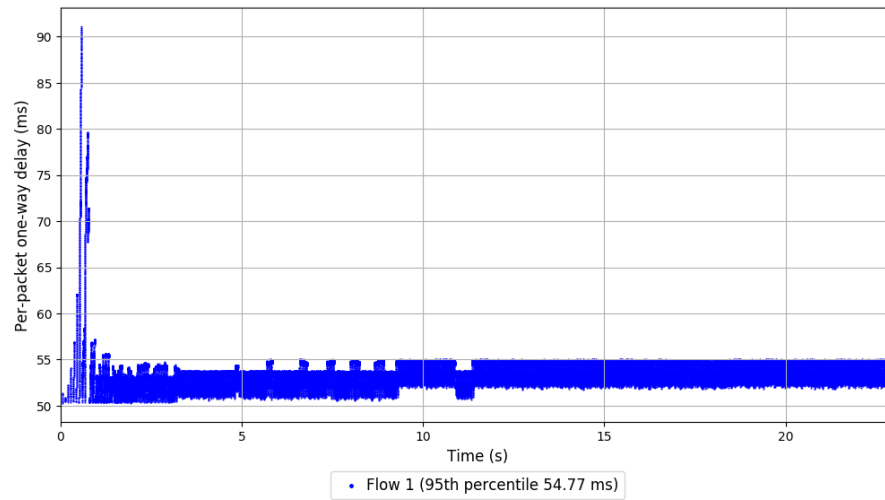
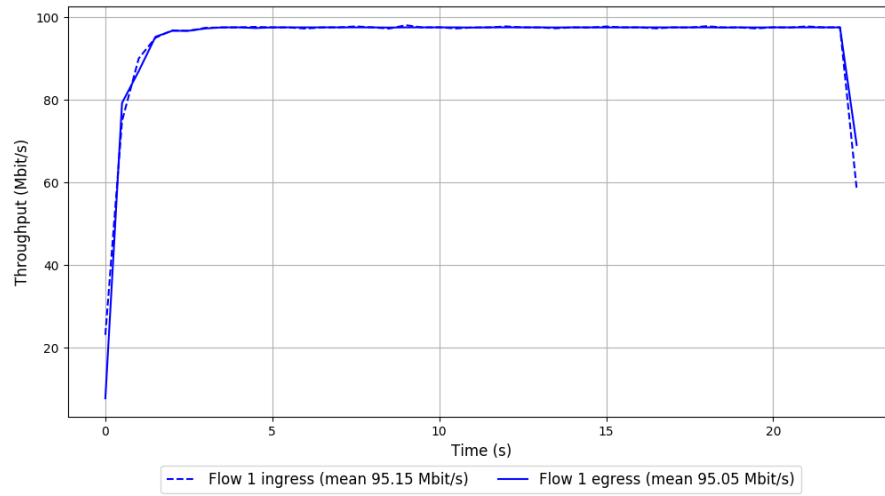
Start at: 2017-09-17 15:12:53

End at: 2017-09-17 15:13:23

Local clock offset: -0.15 ms

Remote clock offset: -1.195 ms

Run 8: Report of Indigo — Data Link



Run 9: Statistics of Indigo

Start at: 2017-09-17 15:33:01

End at: 2017-09-17 15:33:31

Local clock offset: -0.051 ms

Remote clock offset: -3.0 ms

Below is generated by plot.py at 2017-09-17 16:33:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.83 Mbit/s

95th percentile per-packet one-way delay: 53.498 ms

Loss rate: 0.22%

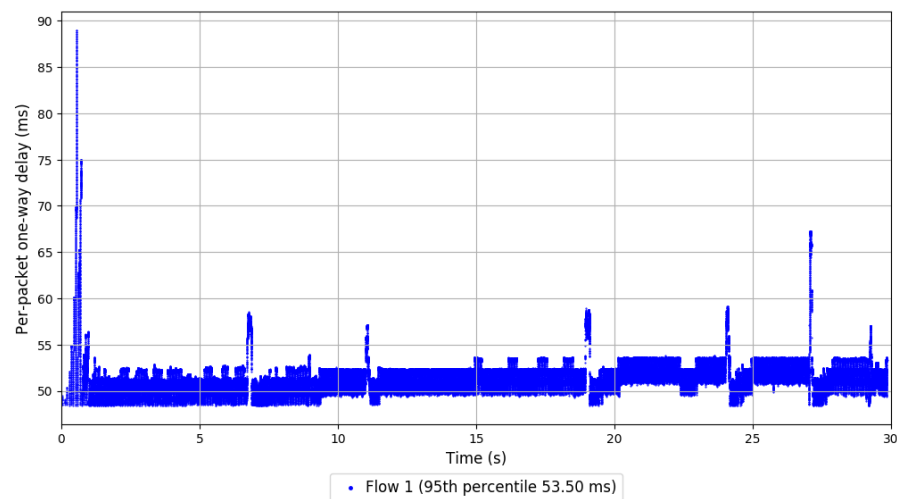
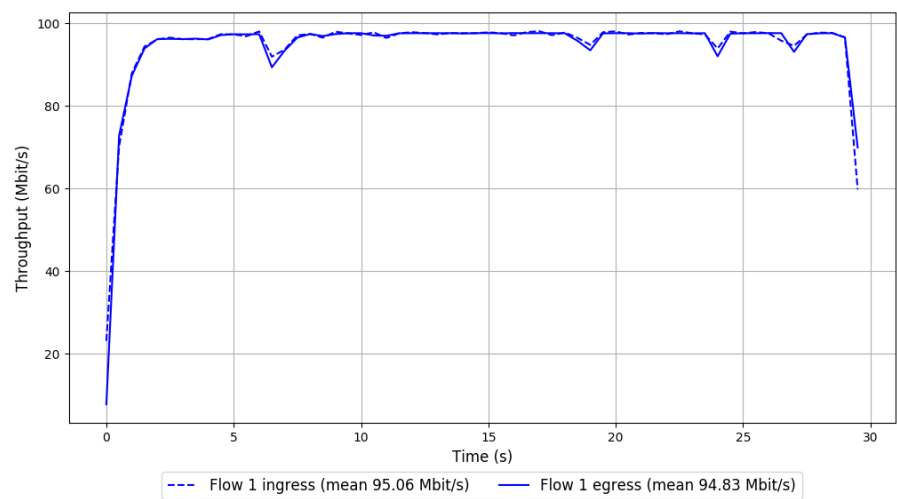
-- Flow 1:

Average throughput: 94.83 Mbit/s

95th percentile per-packet one-way delay: 53.498 ms

Loss rate: 0.22%

Run 9: Report of Indigo — Data Link



Run 10: Statistics of Indigo

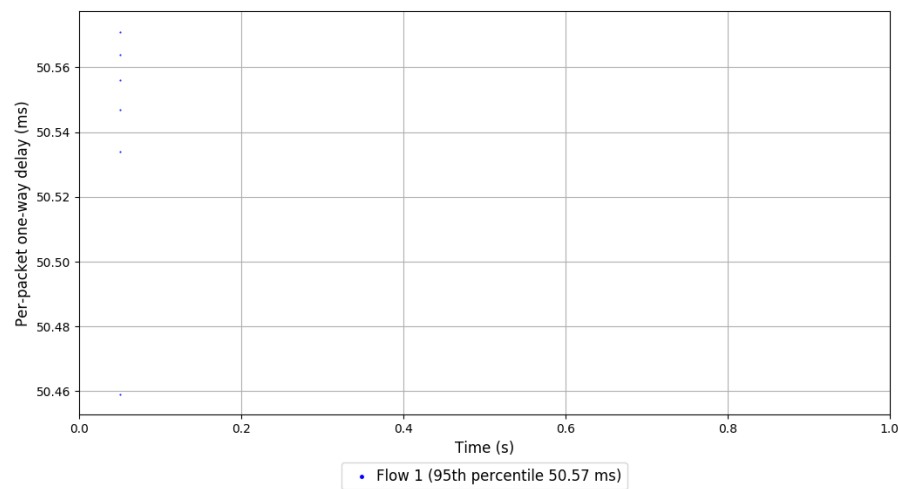
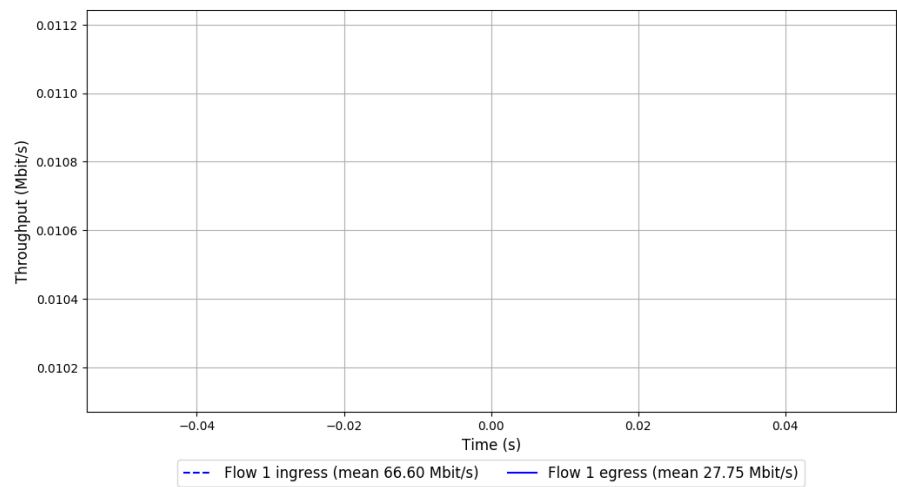
Start at: 2017-09-17 15:53:34

End at: 2017-09-17 15:54:04

Local clock offset: 0.092 ms

Remote clock offset: -0.777 ms

Run 10: Report of Indigo — Data Link



Run 1: Statistics of KohoCC

Start at: 2017-09-17 12:36:48

End at: 2017-09-17 12:37:18

Local clock offset: -0.96 ms

Remote clock offset: -1.835 ms

Below is generated by plot.py at 2017-09-17 16:33:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 16.03 Mbit/s

95th percentile per-packet one-way delay: 48.982 ms

Loss rate: 0.00%

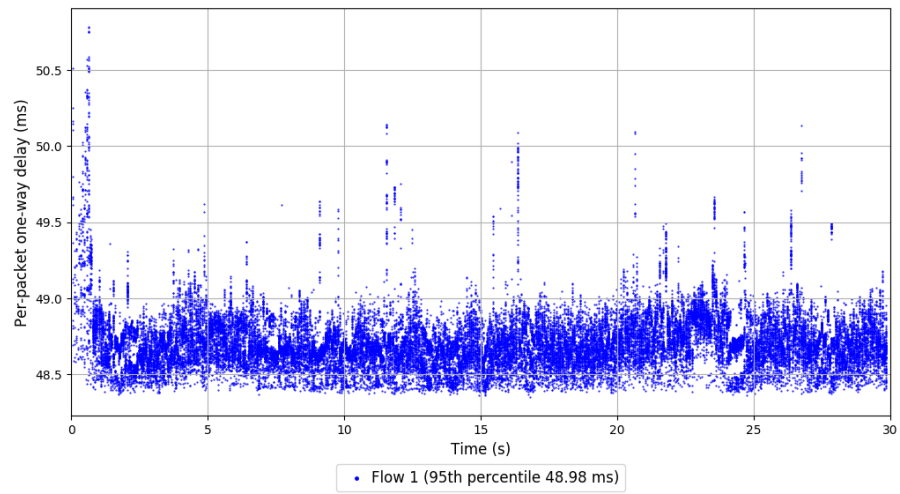
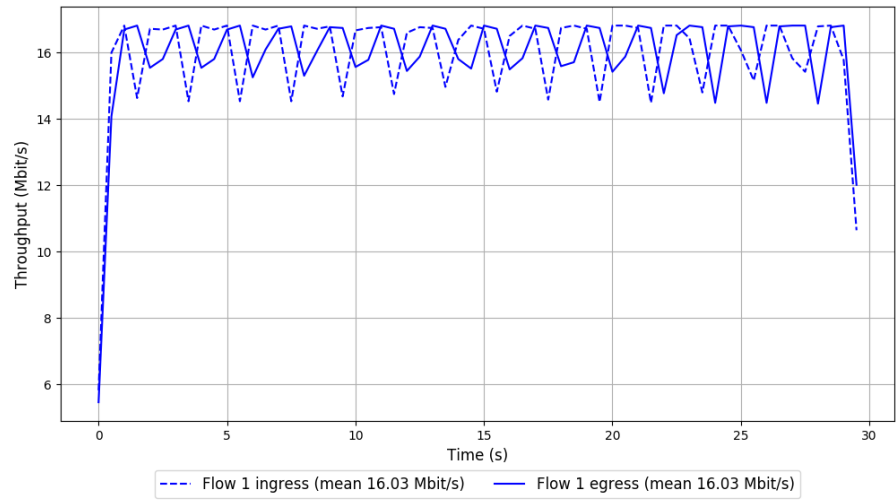
-- Flow 1:

Average throughput: 16.03 Mbit/s

95th percentile per-packet one-way delay: 48.982 ms

Loss rate: 0.00%

Run 1: Report of KohoCC — Data Link

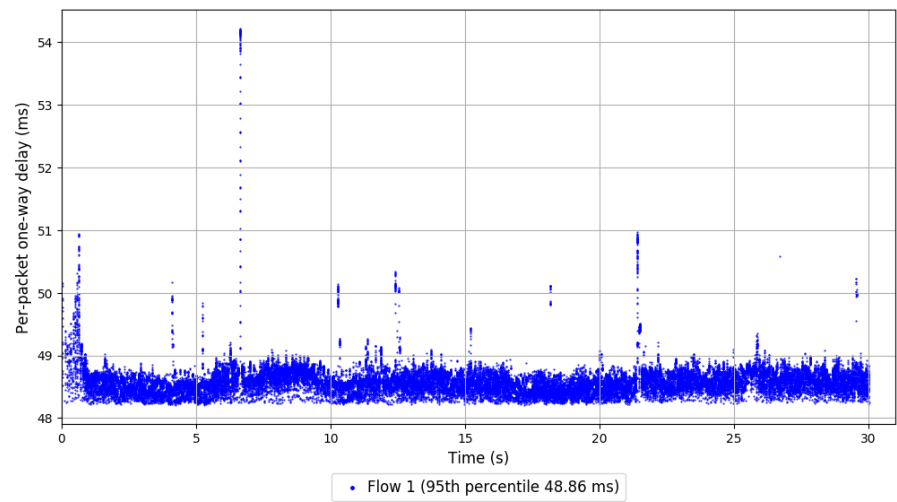
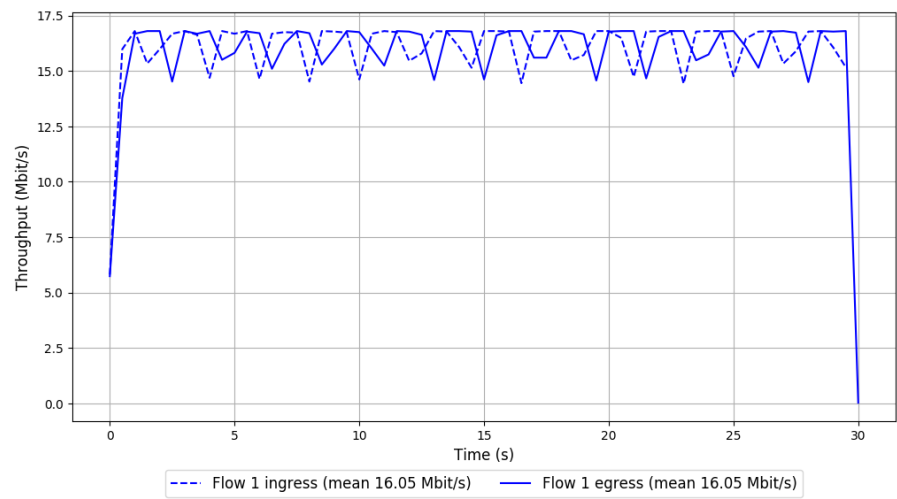


Run 2: Statistics of KohoCC

Start at: 2017-09-17 12:56:45
End at: 2017-09-17 12:57:15
Local clock offset: -0.884 ms
Remote clock offset: -2.226 ms

Below is generated by plot.py at 2017-09-17 16:33:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 16.05 Mbit/s
95th percentile per-packet one-way delay: 48.858 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 16.05 Mbit/s
95th percentile per-packet one-way delay: 48.858 ms
Loss rate: 0.00%

Run 2: Report of KohoCC — Data Link

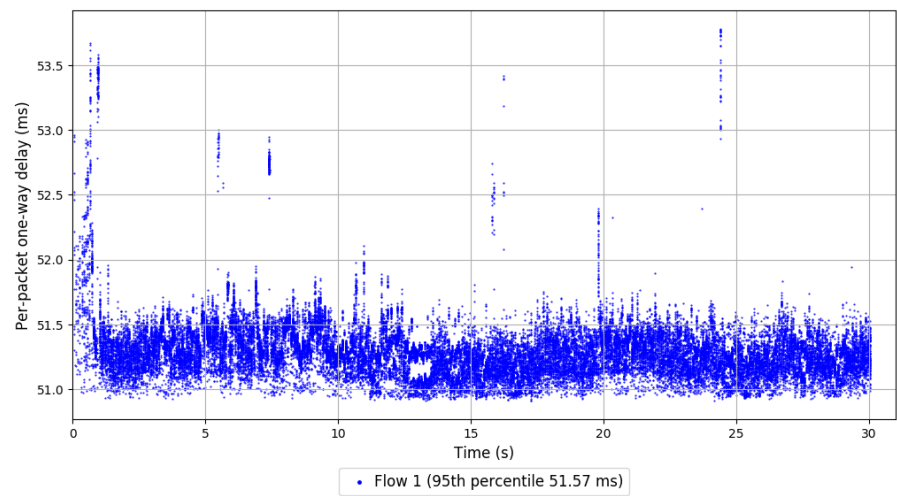
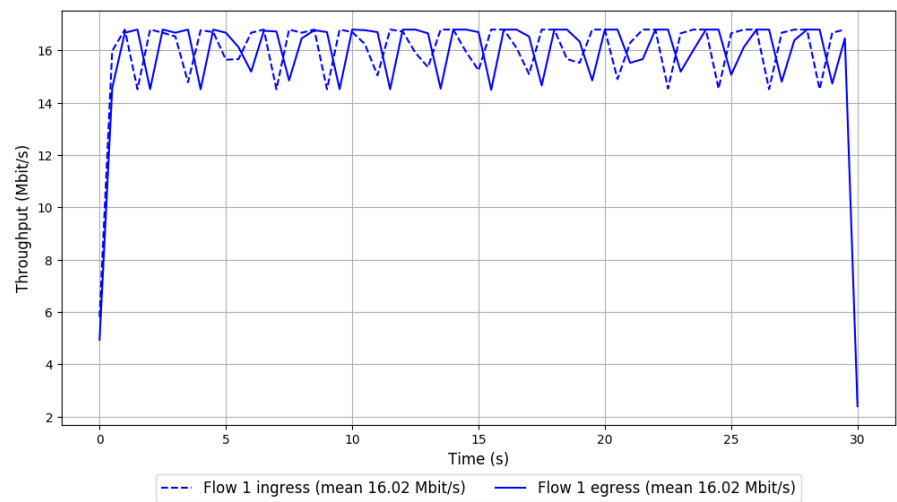


Run 3: Statistics of KohoCC

Start at: 2017-09-17 13:16:35
End at: 2017-09-17 13:17:05
Local clock offset: -0.941 ms
Remote clock offset: -0.248 ms

Below is generated by plot.py at 2017-09-17 16:33:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 16.02 Mbit/s
95th percentile per-packet one-way delay: 51.572 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 16.02 Mbit/s
95th percentile per-packet one-way delay: 51.572 ms
Loss rate: 0.00%

Run 3: Report of KohoCC — Data Link

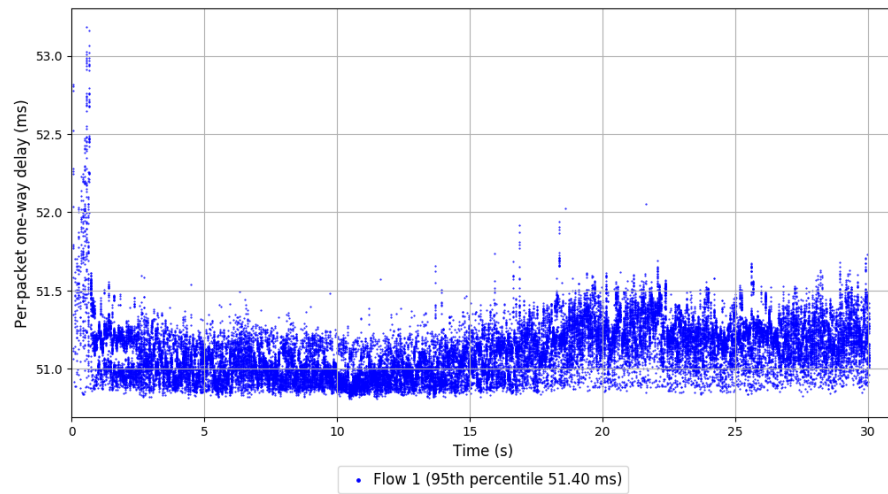
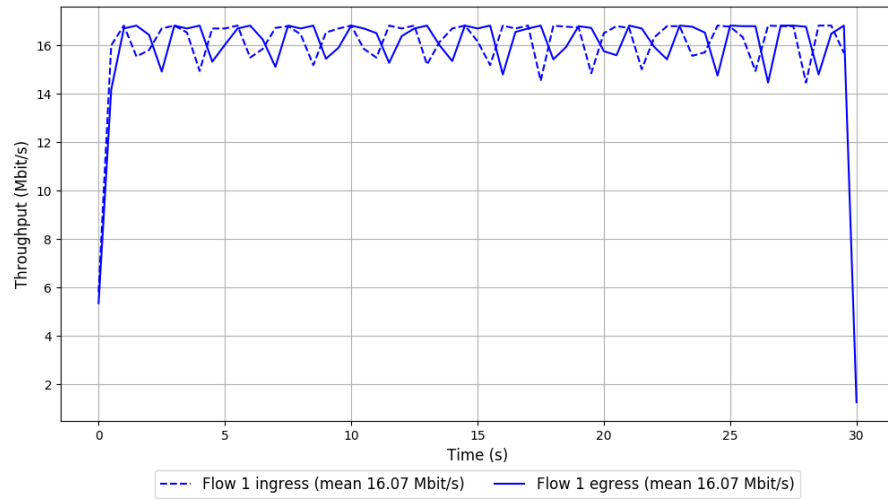


Run 4: Statistics of KohoCC

Start at: 2017-09-17 13:36:38
End at: 2017-09-17 13:37:08
Local clock offset: -0.91 ms
Remote clock offset: -0.704 ms

Below is generated by plot.py at 2017-09-17 16:33:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 16.07 Mbit/s
95th percentile per-packet one-way delay: 51.398 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 16.07 Mbit/s
95th percentile per-packet one-way delay: 51.398 ms
Loss rate: 0.00%

Run 4: Report of KohoCC — Data Link

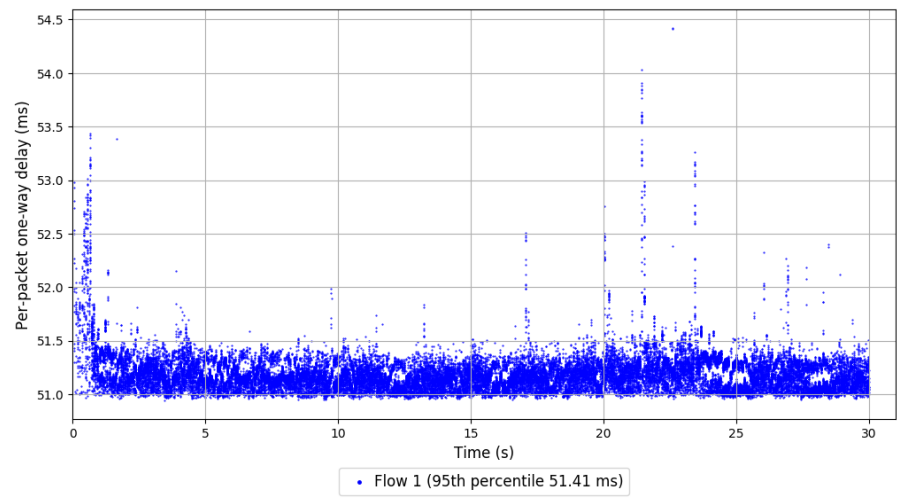
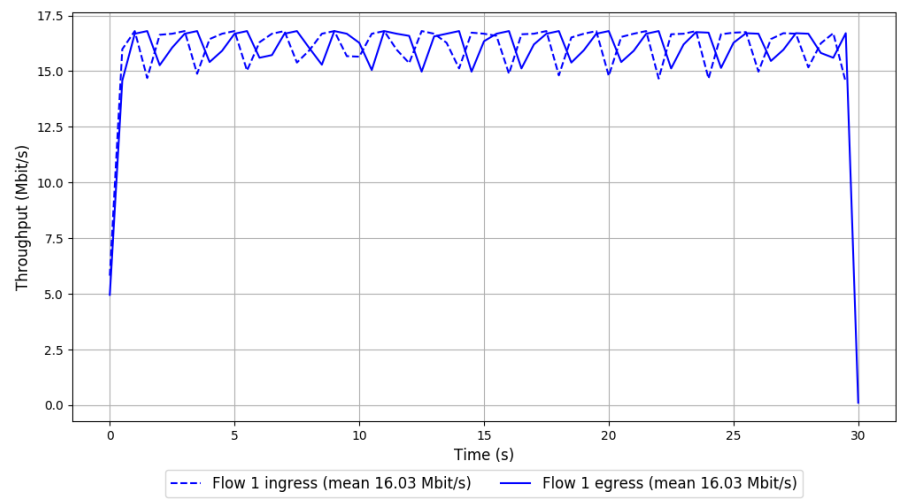


Run 5: Statistics of KohoCC

Start at: 2017-09-17 13:56:32
End at: 2017-09-17 13:57:02
Local clock offset: -0.775 ms
Remote clock offset: -1.179 ms

Below is generated by plot.py at 2017-09-17 16:33:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 16.03 Mbit/s
95th percentile per-packet one-way delay: 51.405 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 16.03 Mbit/s
95th percentile per-packet one-way delay: 51.405 ms
Loss rate: 0.00%

Run 5: Report of KohoCC — Data Link

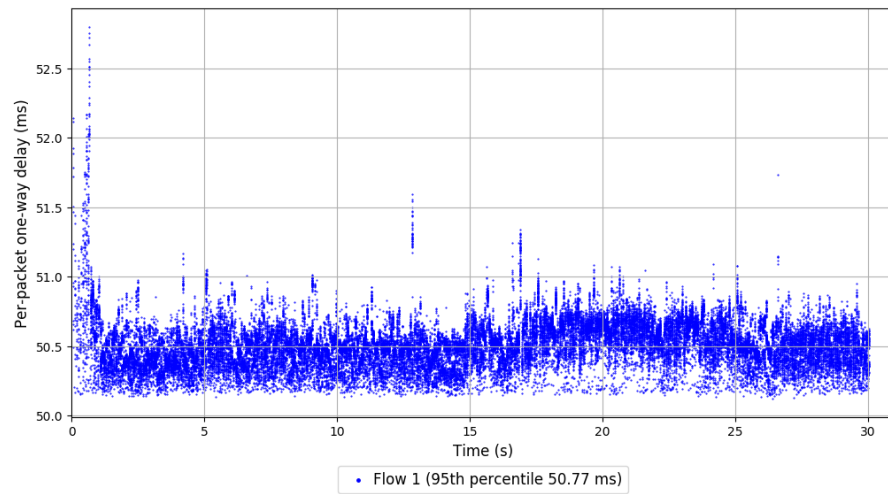
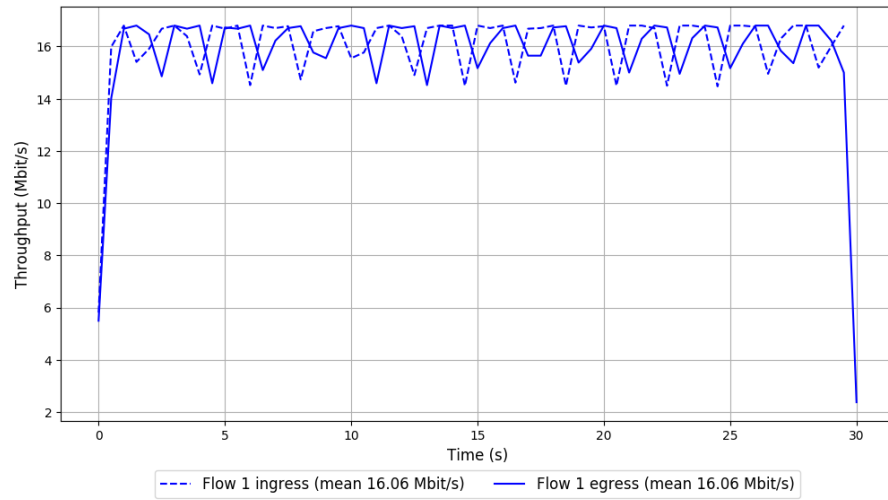


Run 6: Statistics of KohoCC

Start at: 2017-09-17 14:16:36
End at: 2017-09-17 14:17:06
Local clock offset: -0.594 ms
Remote clock offset: -1.994 ms

Below is generated by plot.py at 2017-09-17 16:33:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 16.06 Mbit/s
95th percentile per-packet one-way delay: 50.771 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 16.06 Mbit/s
95th percentile per-packet one-way delay: 50.771 ms
Loss rate: 0.00%

Run 6: Report of KohoCC — Data Link

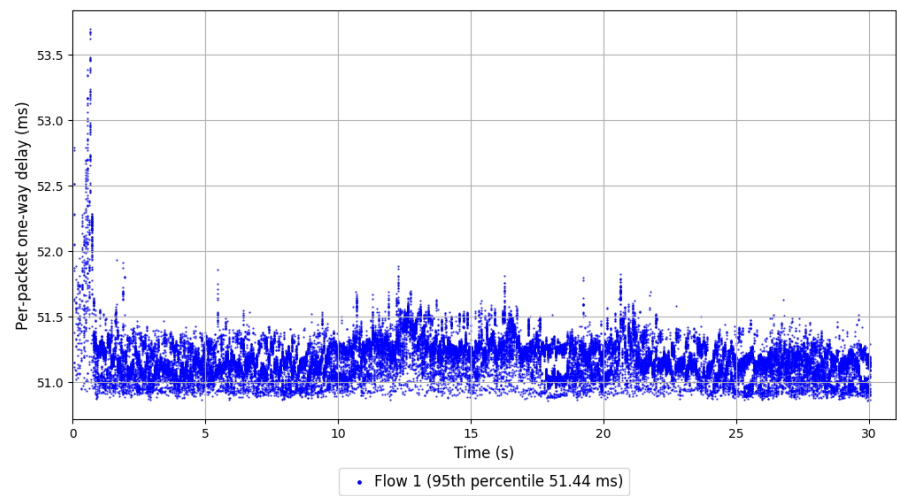
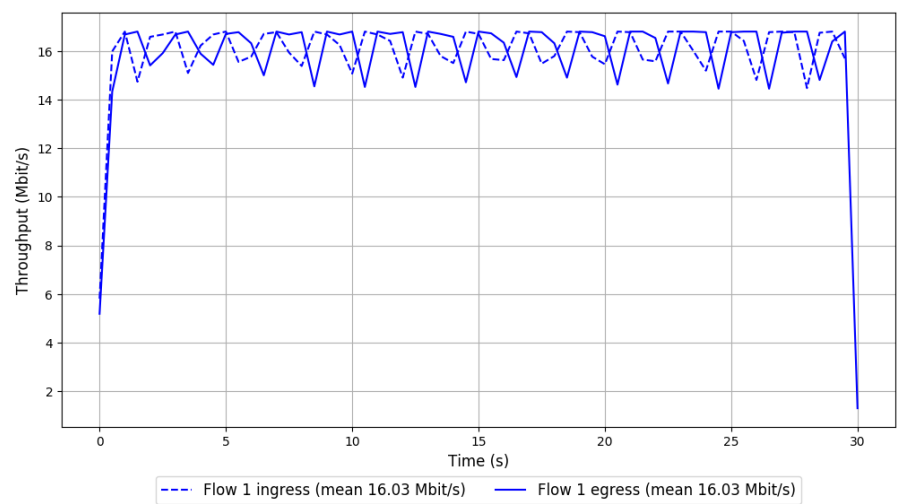


Run 7: Statistics of KohoCC

Start at: 2017-09-17 14:36:34
End at: 2017-09-17 14:37:04
Local clock offset: -0.411 ms
Remote clock offset: -1.366 ms

Below is generated by plot.py at 2017-09-17 16:33:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 16.03 Mbit/s
95th percentile per-packet one-way delay: 51.437 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 16.03 Mbit/s
95th percentile per-packet one-way delay: 51.437 ms
Loss rate: 0.00%

Run 7: Report of KohoCC — Data Link



Run 8: Statistics of KohoCC

Start at: 2017-09-17 14:56:49

End at: 2017-09-17 14:57:19

Local clock offset: -0.353 ms

Remote clock offset: -3.48 ms

Below is generated by plot.py at 2017-09-17 16:33:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 16.11 Mbit/s

95th percentile per-packet one-way delay: 48.641 ms

Loss rate: 0.00%

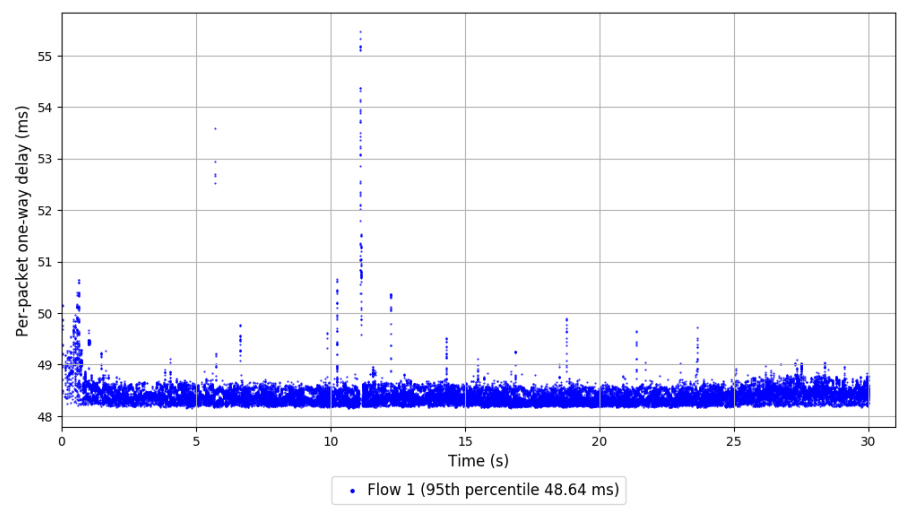
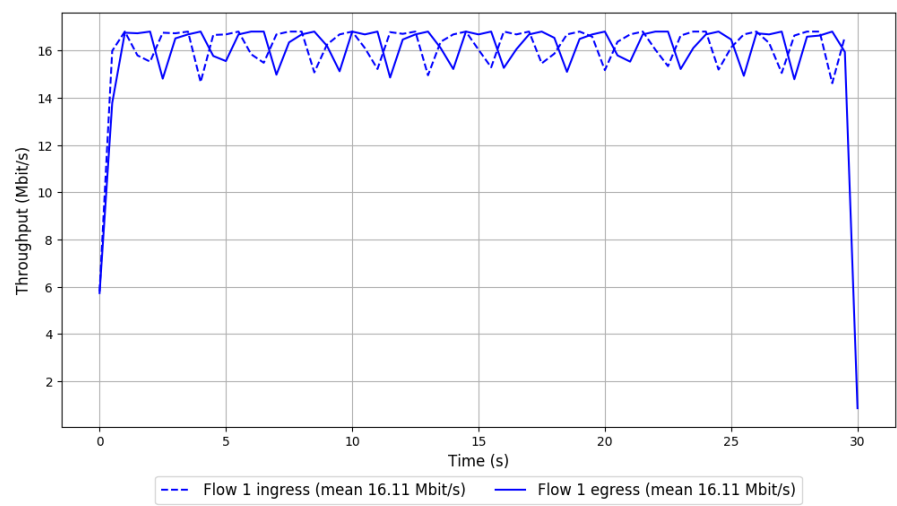
-- Flow 1:

Average throughput: 16.11 Mbit/s

95th percentile per-packet one-way delay: 48.641 ms

Loss rate: 0.00%

Run 8: Report of KohoCC — Data Link

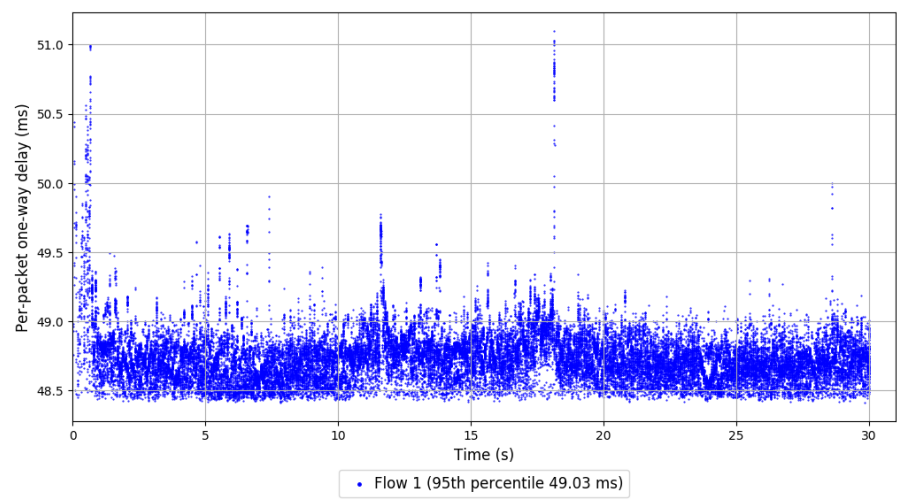
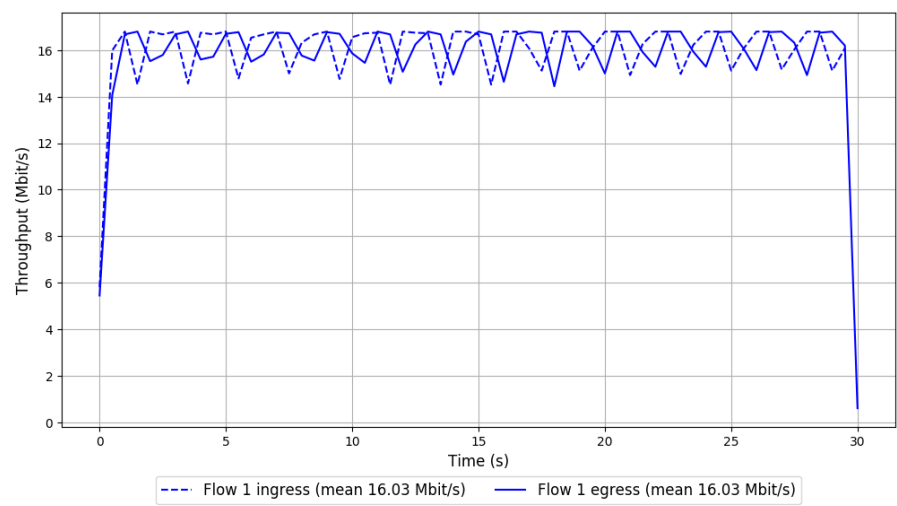


Run 9: Statistics of KohoCC

Start at: 2017-09-17 15:16:56
End at: 2017-09-17 15:17:26
Local clock offset: -0.243 ms
Remote clock offset: -3.218 ms

Below is generated by plot.py at 2017-09-17 16:33:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 16.03 Mbit/s
95th percentile per-packet one-way delay: 49.034 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 16.03 Mbit/s
95th percentile per-packet one-way delay: 49.034 ms
Loss rate: 0.00%

Run 9: Report of KohoCC — Data Link

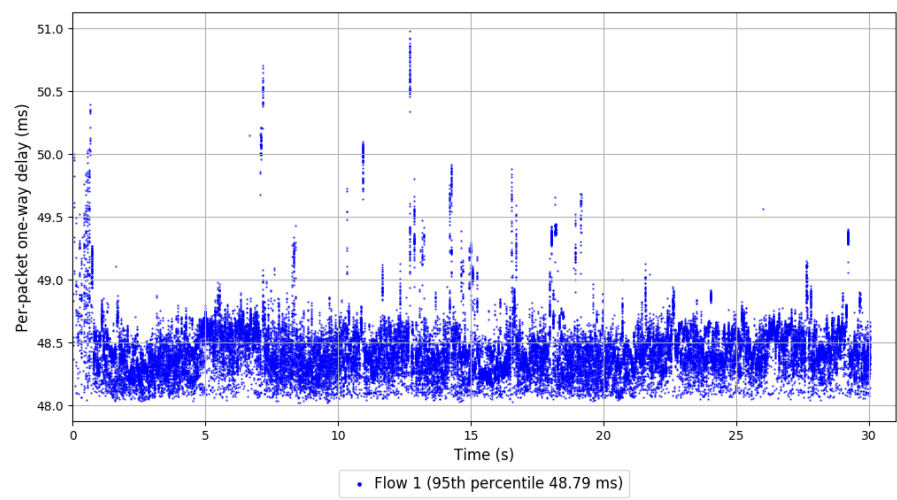
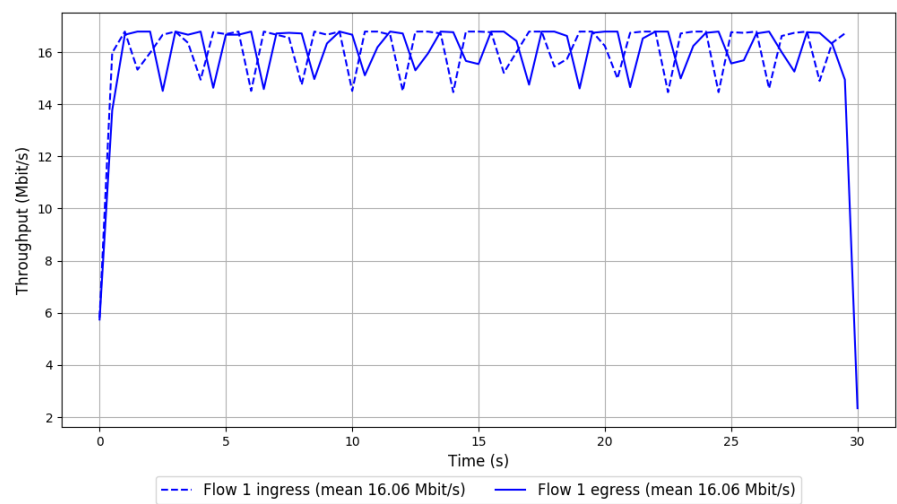


Run 10: Statistics of KohoCC

Start at: 2017-09-17 15:37:10
End at: 2017-09-17 15:37:40
Local clock offset: -0.014 ms
Remote clock offset: -3.126 ms

Below is generated by plot.py at 2017-09-17 16:33:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 16.06 Mbit/s
95th percentile per-packet one-way delay: 48.786 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 16.06 Mbit/s
95th percentile per-packet one-way delay: 48.786 ms
Loss rate: 0.00%

Run 10: Report of KohoCC — Data Link

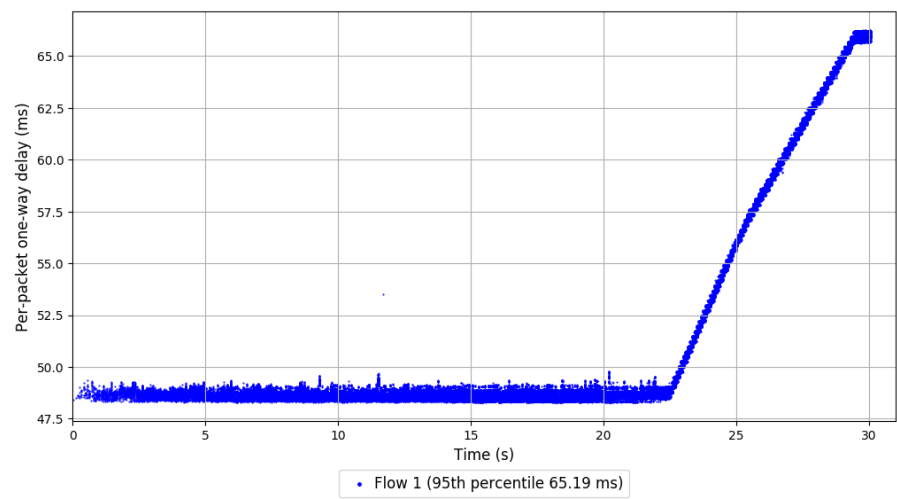
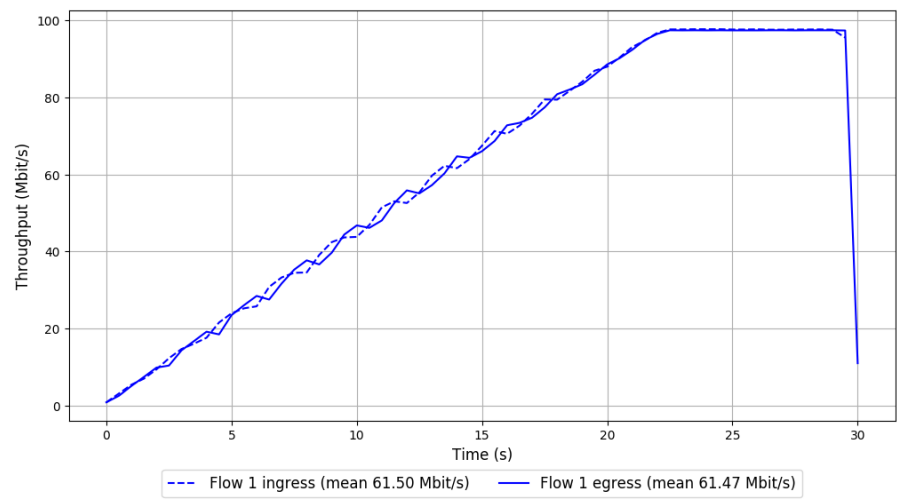


Run 1: Statistics of LEDBAT

Start at: 2017-09-17 12:50:04
End at: 2017-09-17 12:50:34
Local clock offset: -0.882 ms
Remote clock offset: -1.995 ms

Below is generated by plot.py at 2017-09-17 16:33:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 61.47 Mbit/s
95th percentile per-packet one-way delay: 65.191 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 61.47 Mbit/s
95th percentile per-packet one-way delay: 65.191 ms
Loss rate: 0.00%

Run 1: Report of LEDBAT — Data Link

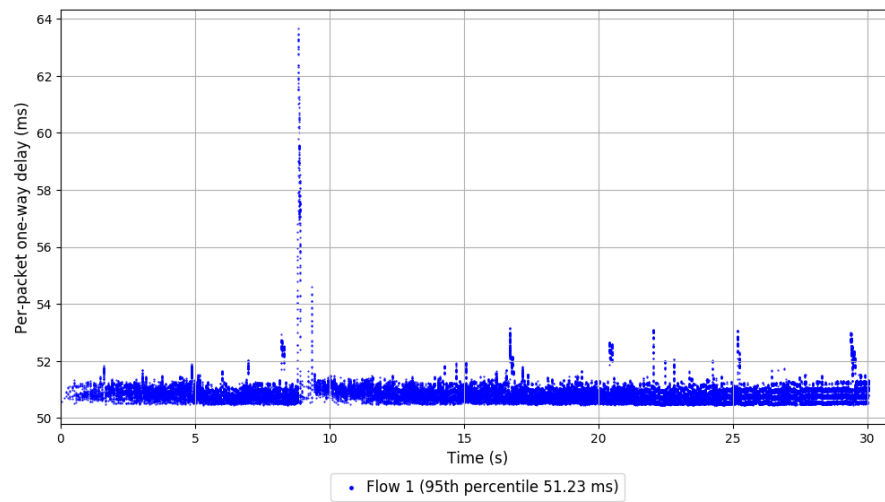
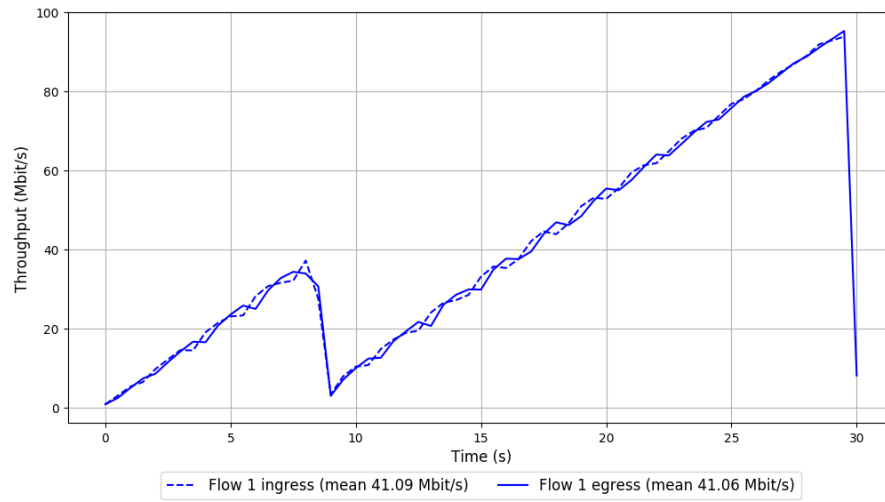


```
Run 2: Statistics of LEDBAT

Start at: 2017-09-17 13:09:52
End at: 2017-09-17 13:10:22
Local clock offset: -0.917 ms
Remote clock offset: -0.54 ms

# Below is generated by plot.py at 2017-09-17 16:33:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 41.06 Mbit/s
95th percentile per-packet one-way delay: 51.232 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 41.06 Mbit/s
95th percentile per-packet one-way delay: 51.232 ms
Loss rate: 0.05%
```

Run 2: Report of LEDBAT — Data Link

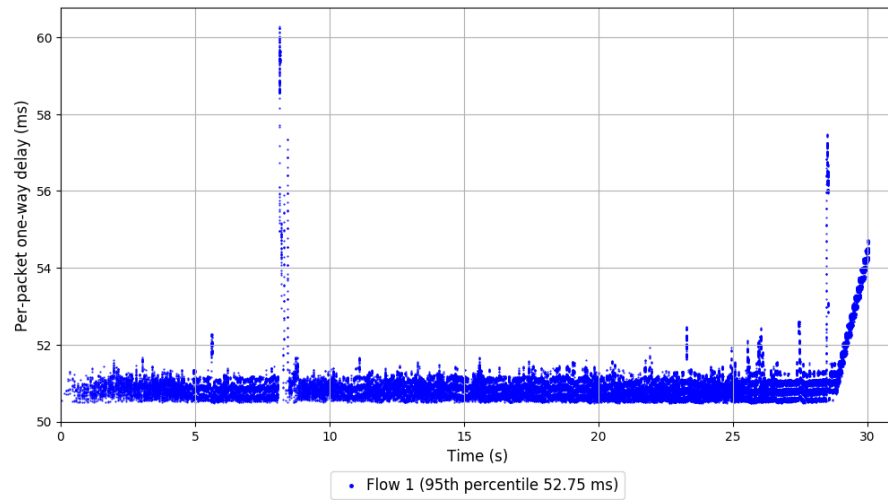
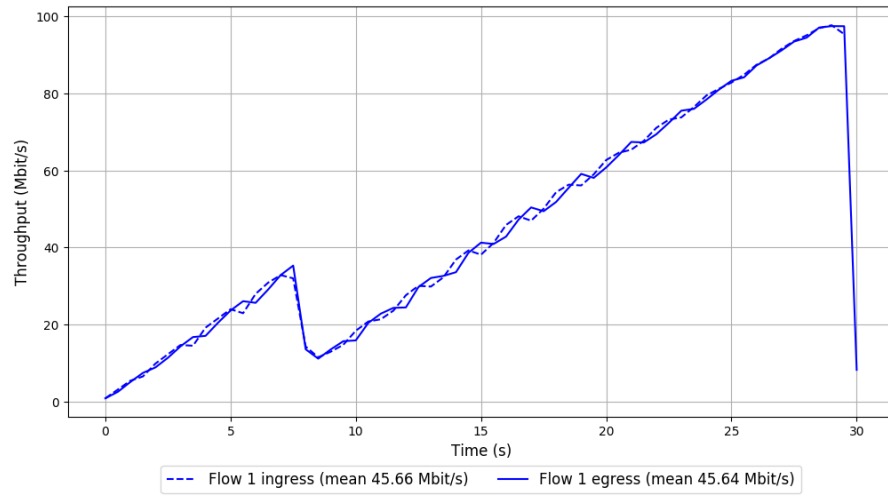


Run 3: Statistics of LEDBAT

Start at: 2017-09-17 13:29:53
End at: 2017-09-17 13:30:23
Local clock offset: -0.852 ms
Remote clock offset: -0.958 ms

Below is generated by plot.py at 2017-09-17 16:33:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 45.64 Mbit/s
95th percentile per-packet one-way delay: 52.753 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 45.64 Mbit/s
95th percentile per-packet one-way delay: 52.753 ms
Loss rate: 0.02%

Run 3: Report of LEDBAT — Data Link

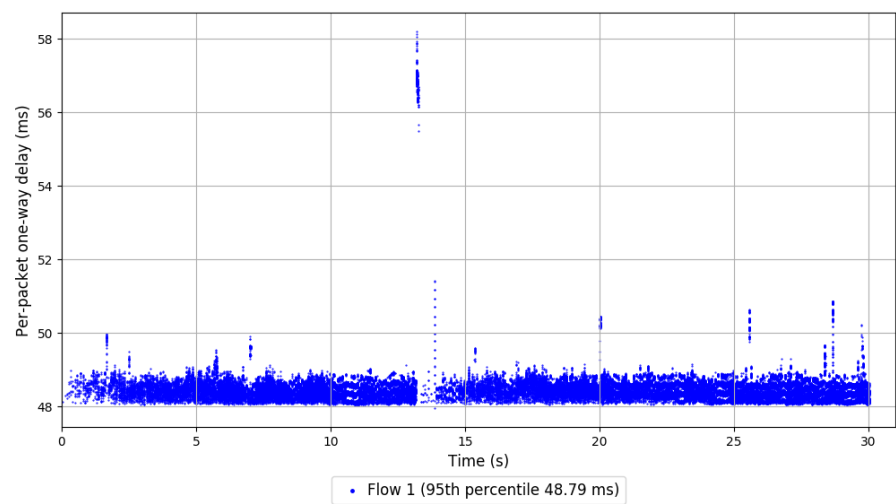
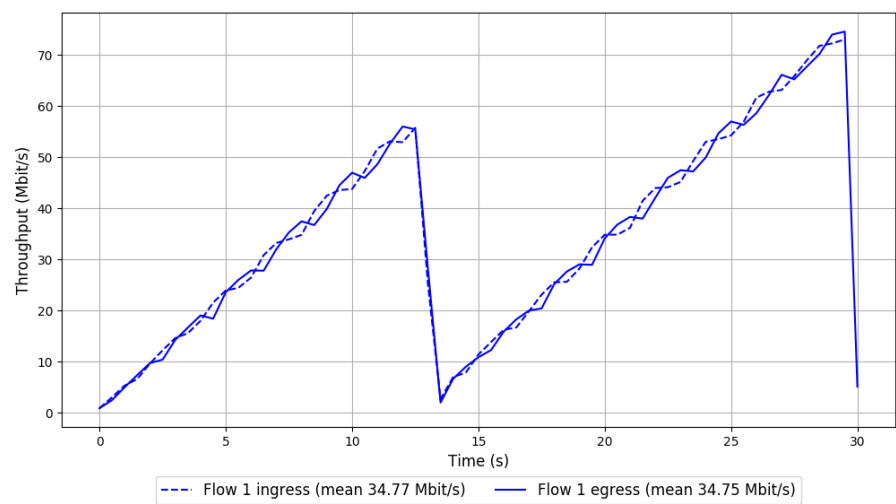


Run 4: Statistics of LEDBAT

Start at: 2017-09-17 13:49:48
End at: 2017-09-17 13:50:18
Local clock offset: -0.723 ms
Remote clock offset: -3.616 ms

Below is generated by plot.py at 2017-09-17 16:33:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 34.75 Mbit/s
95th percentile per-packet one-way delay: 48.786 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 34.75 Mbit/s
95th percentile per-packet one-way delay: 48.786 ms
Loss rate: 0.05%

Run 4: Report of LEDBAT — Data Link

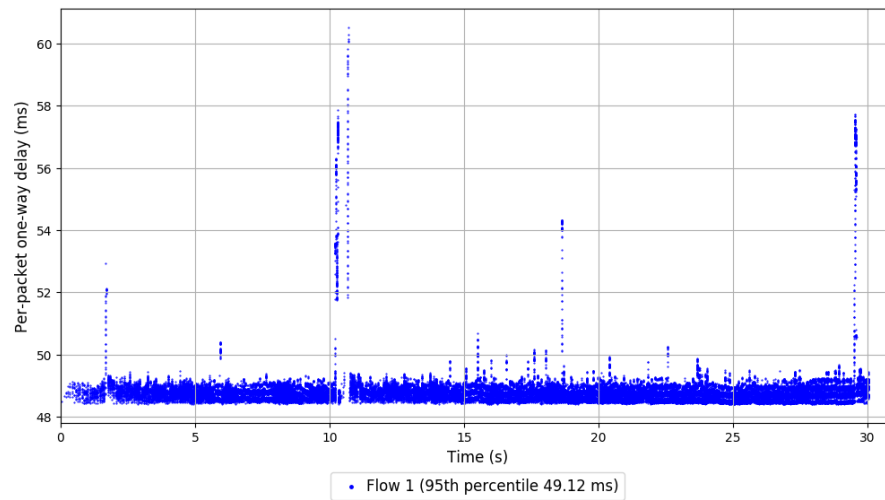
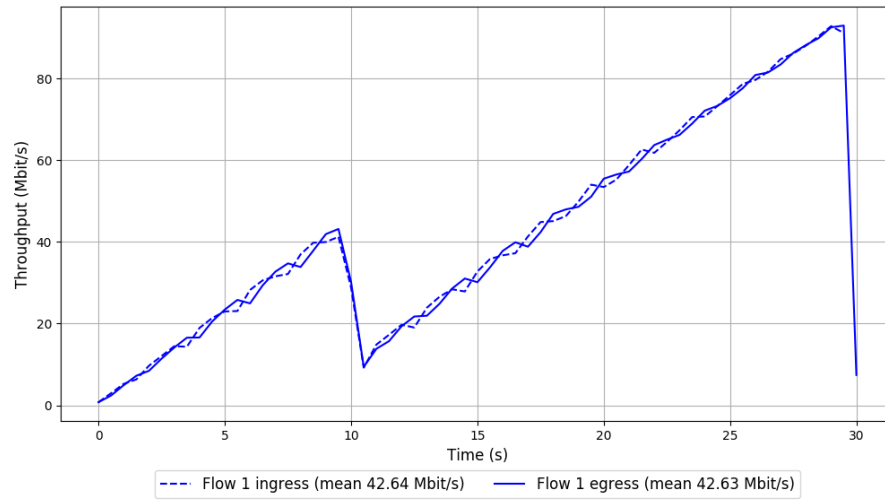


Run 5: Statistics of LEDBAT

Start at: 2017-09-17 14:09:51
End at: 2017-09-17 14:10:21
Local clock offset: -0.626 ms
Remote clock offset: -3.827 ms

Below is generated by plot.py at 2017-09-17 16:33:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 42.63 Mbit/s
95th percentile per-packet one-way delay: 49.118 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 42.63 Mbit/s
95th percentile per-packet one-way delay: 49.118 ms
Loss rate: 0.02%

Run 5: Report of LEDBAT — Data Link

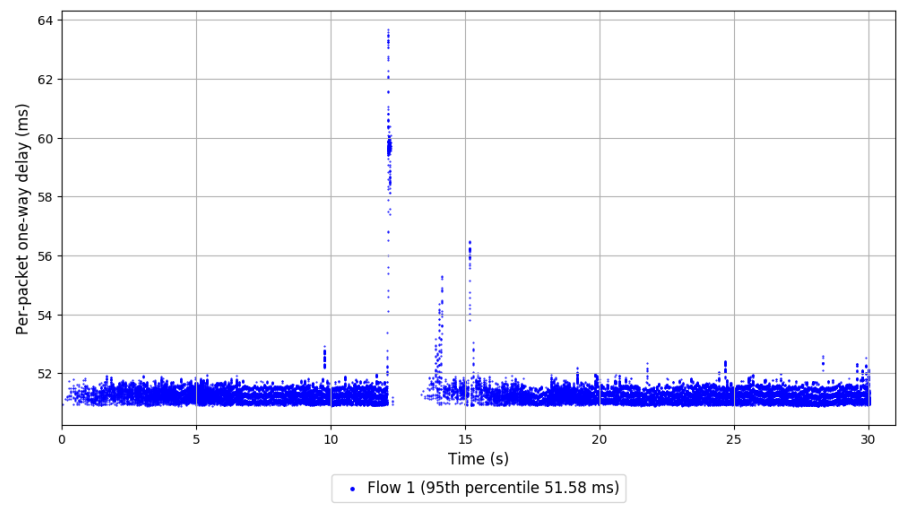
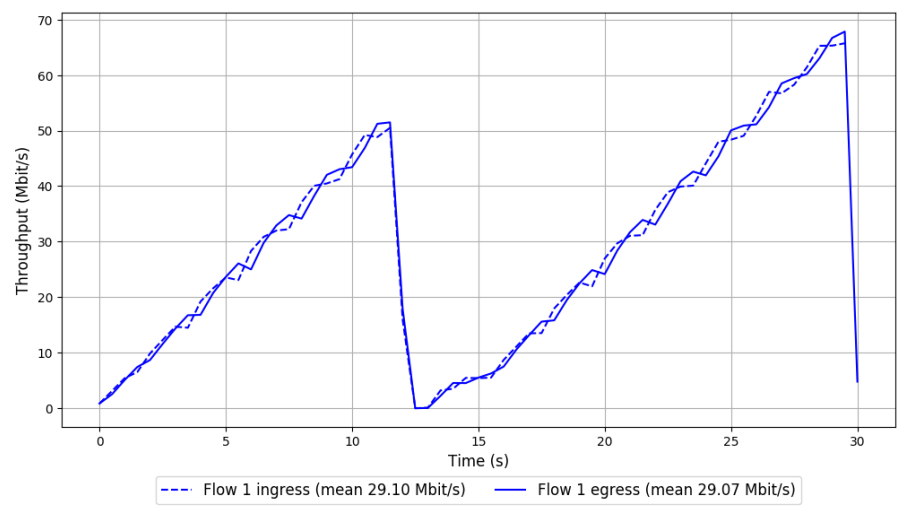


Run 6: Statistics of LEDBAT

Start at: 2017-09-17 14:29:49
End at: 2017-09-17 14:30:19
Local clock offset: -0.475 ms
Remote clock offset: -1.367 ms

Below is generated by plot.py at 2017-09-17 16:33:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 29.07 Mbit/s
95th percentile per-packet one-way delay: 51.579 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 29.07 Mbit/s
95th percentile per-packet one-way delay: 51.579 ms
Loss rate: 0.11%

Run 6: Report of LEDBAT — Data Link

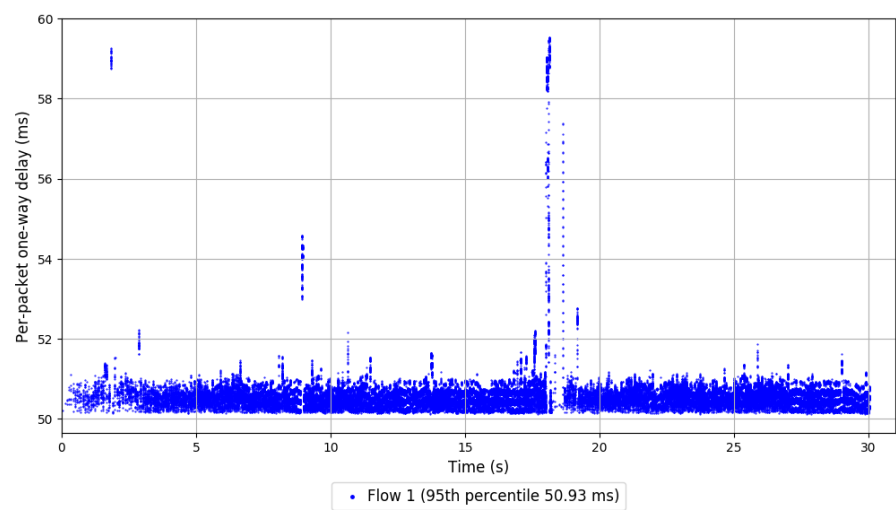
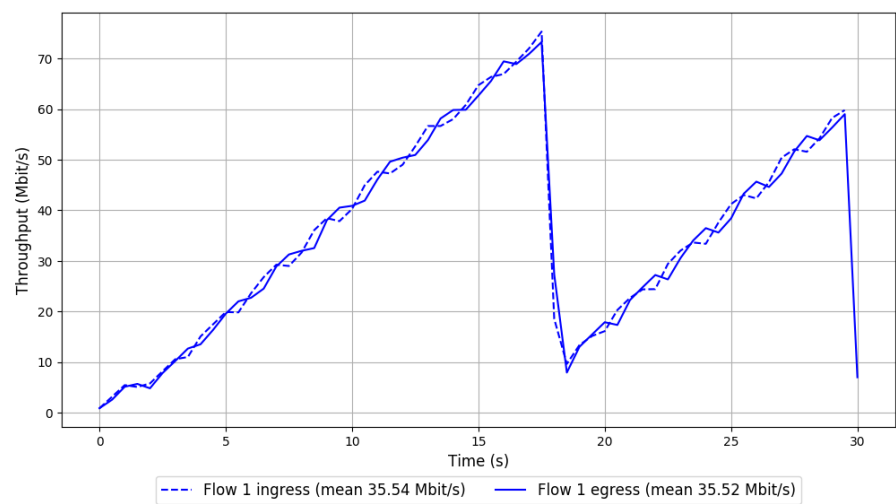


Run 7: Statistics of LEDBAT

Start at: 2017-09-17 14:49:59
End at: 2017-09-17 14:50:29
Local clock offset: -0.297 ms
Remote clock offset: -1.556 ms

Below is generated by plot.py at 2017-09-17 16:34:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 35.52 Mbit/s
95th percentile per-packet one-way delay: 50.927 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 35.52 Mbit/s
95th percentile per-packet one-way delay: 50.927 ms
Loss rate: 0.04%

Run 7: Report of LEDBAT — Data Link

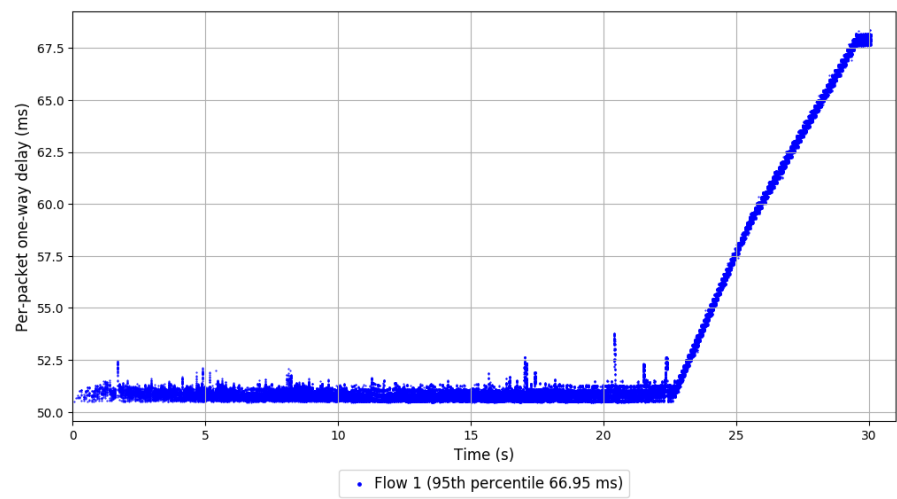
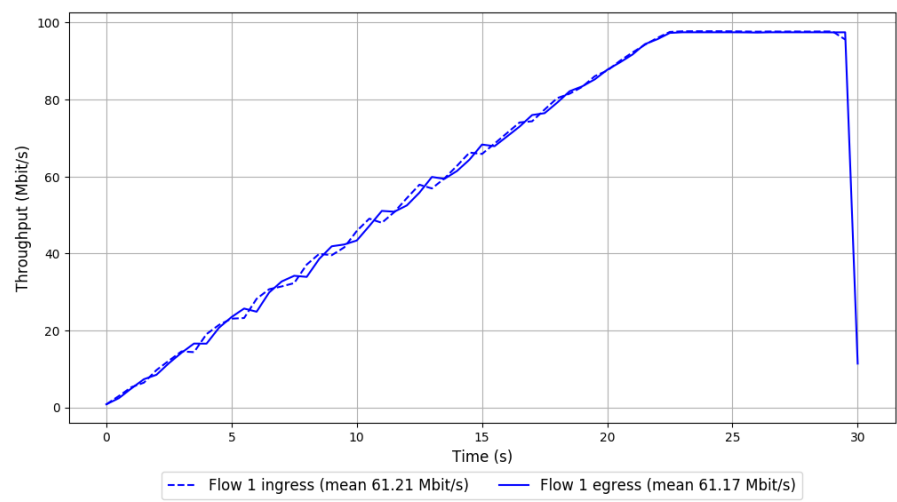


Run 8: Statistics of LEDBAT

Start at: 2017-09-17 15:10:09
End at: 2017-09-17 15:10:39
Local clock offset: -0.178 ms
Remote clock offset: -1.112 ms

Below is generated by plot.py at 2017-09-17 16:34:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 61.17 Mbit/s
95th percentile per-packet one-way delay: 66.949 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 61.17 Mbit/s
95th percentile per-packet one-way delay: 66.949 ms
Loss rate: 0.00%

Run 8: Report of LEDBAT — Data Link

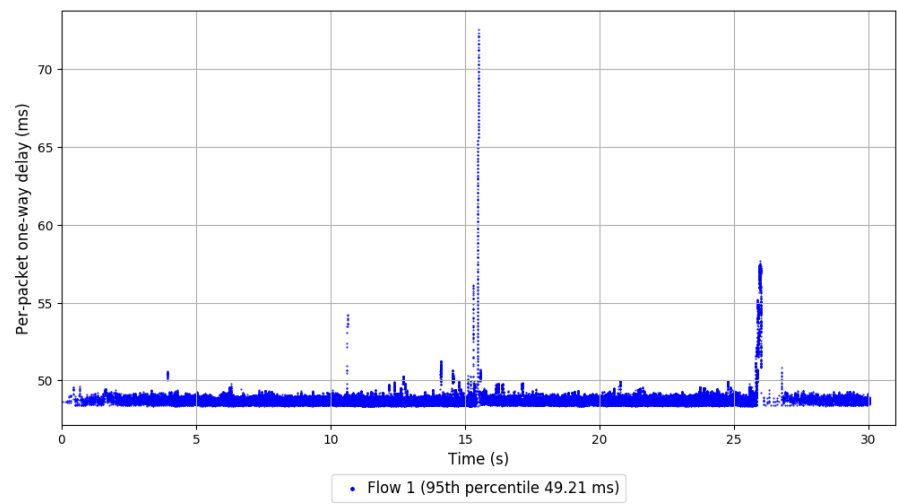
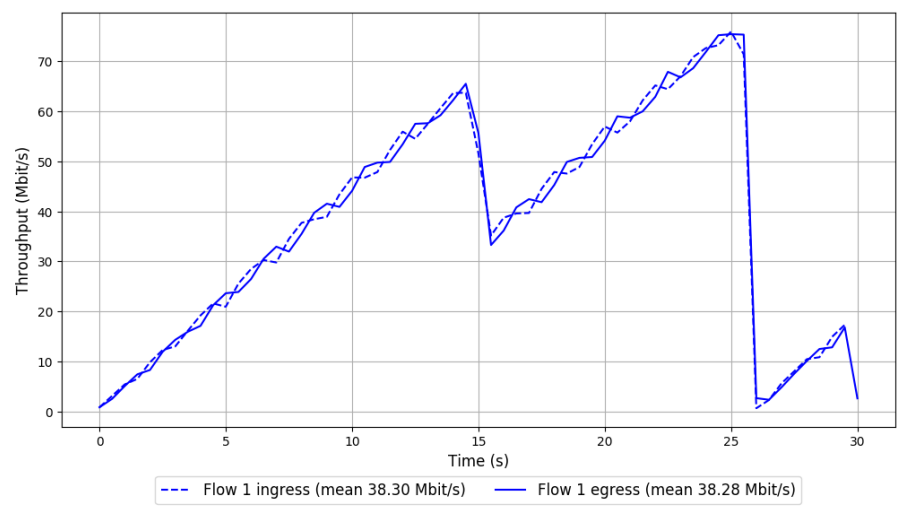


Run 9: Statistics of LEDBAT

Start at: 2017-09-17 15:30:09
End at: 2017-09-17 15:30:39
Local clock offset: -0.144 ms
Remote clock offset: -3.126 ms

Below is generated by plot.py at 2017-09-17 16:34:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 38.28 Mbit/s
95th percentile per-packet one-way delay: 49.213 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 38.28 Mbit/s
95th percentile per-packet one-way delay: 49.213 ms
Loss rate: 0.06%

Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: 2017-09-17 15:50:44

End at: 2017-09-17 15:51:14

Local clock offset: 0.077 ms

Remote clock offset: -0.731 ms

Below is generated by plot.py at 2017-09-17 16:34:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 37.42 Mbit/s

95th percentile per-packet one-way delay: 49.686 ms

Loss rate: 0.03%

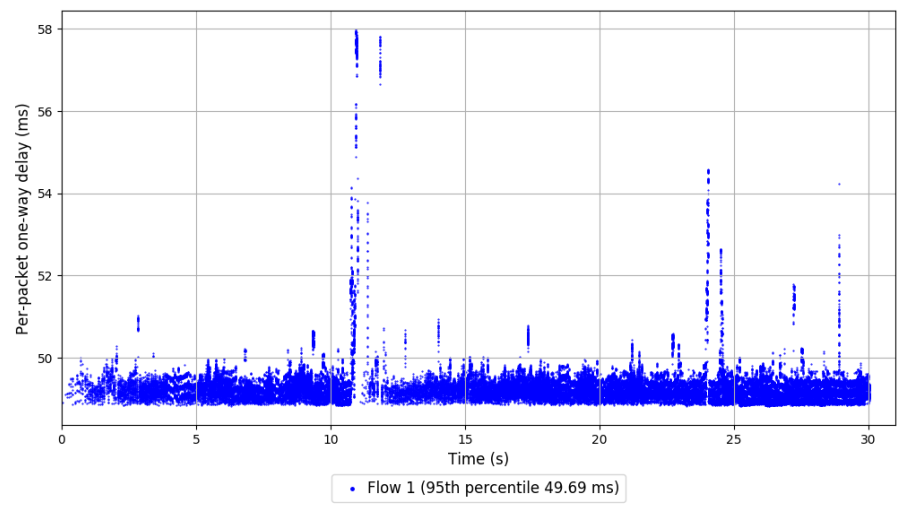
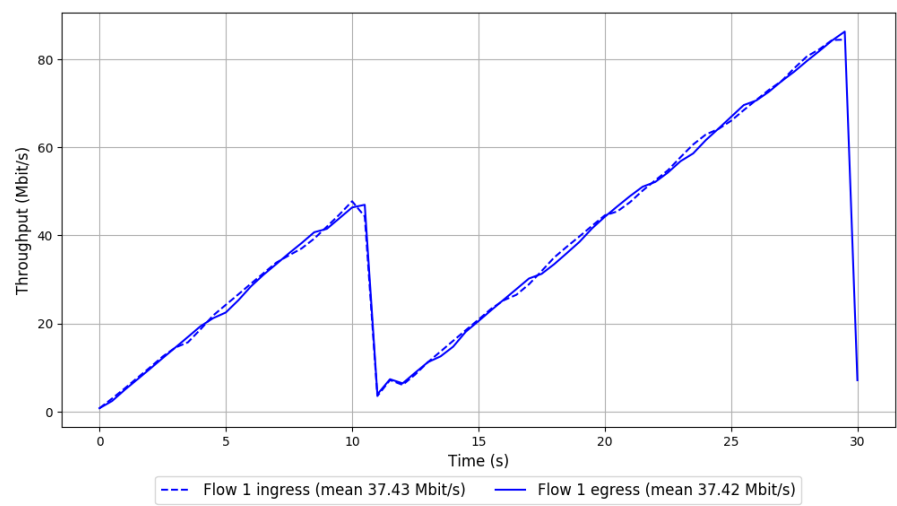
-- Flow 1:

Average throughput: 37.42 Mbit/s

95th percentile per-packet one-way delay: 49.686 ms

Loss rate: 0.03%

Run 10: Report of LEDBAT — Data Link

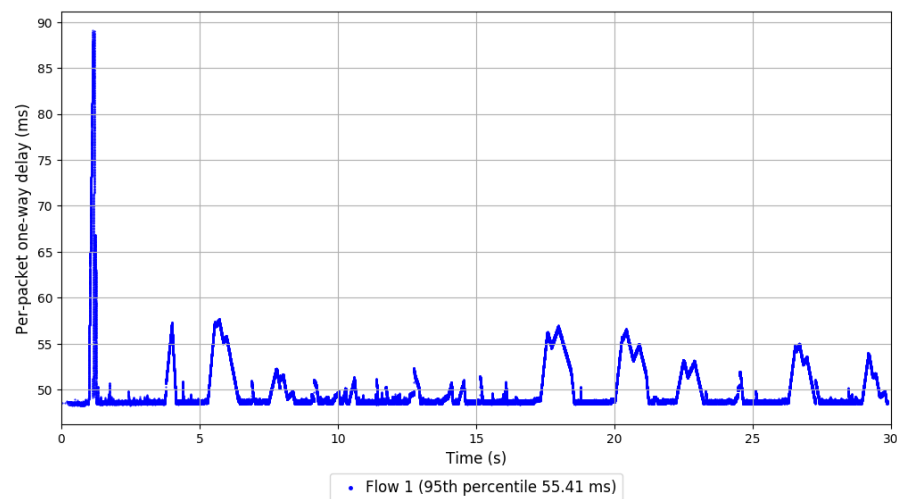
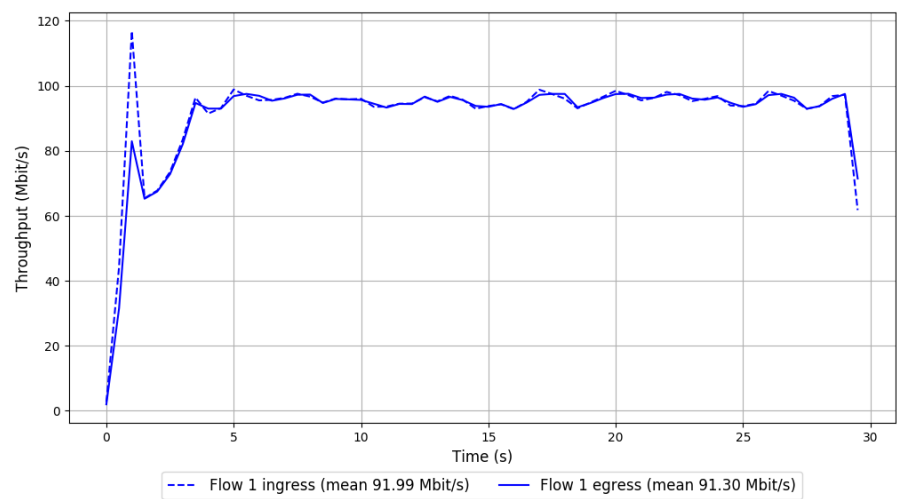


Run 1: Statistics of PCC

Start at: 2017-09-17 12:43:30
End at: 2017-09-17 12:44:00
Local clock offset: -0.886 ms
Remote clock offset: -1.854 ms

Below is generated by plot.py at 2017-09-17 16:35:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.30 Mbit/s
95th percentile per-packet one-way delay: 55.407 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 91.30 Mbit/s
95th percentile per-packet one-way delay: 55.407 ms
Loss rate: 0.75%

Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

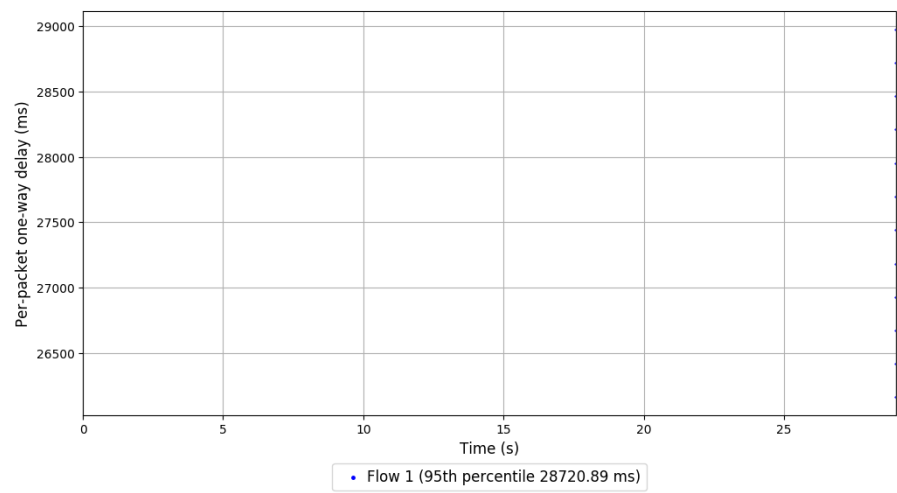
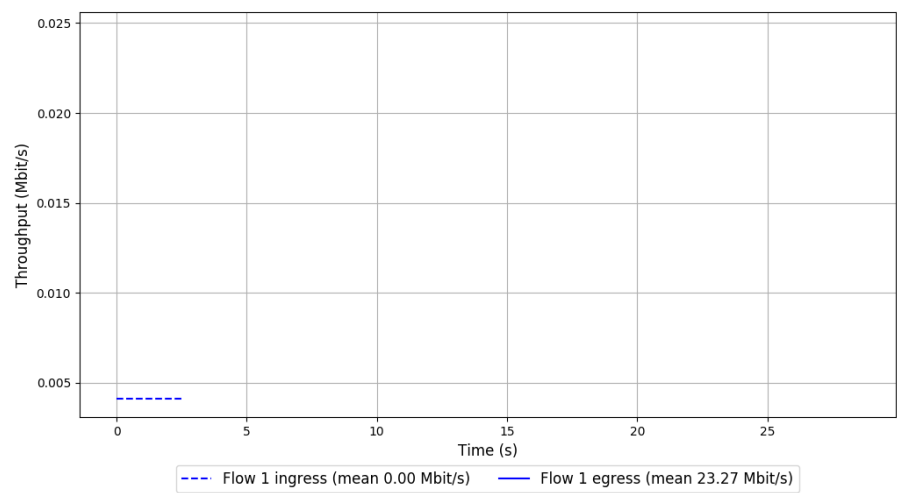
Start at: 2017-09-17 13:03:23

End at: 2017-09-17 13:03:53

Local clock offset: -0.787 ms

Remote clock offset: -0.294 ms

Run 2: Report of PCC — Data Link

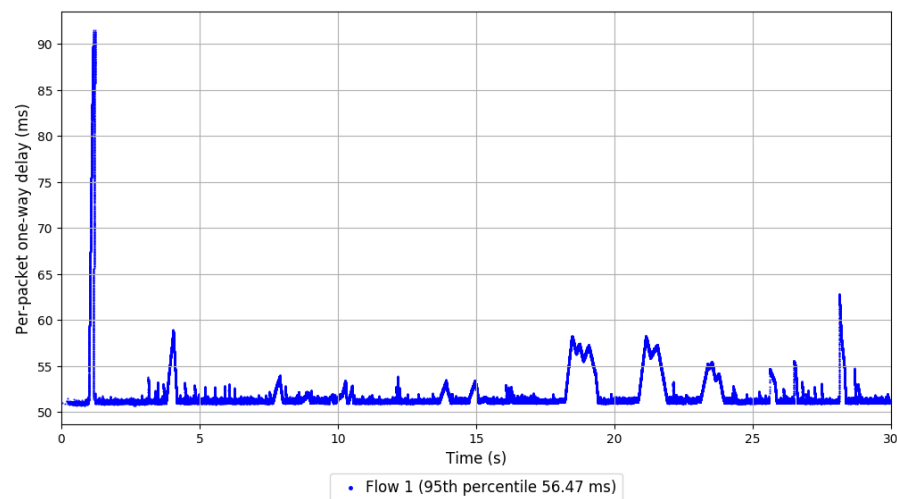
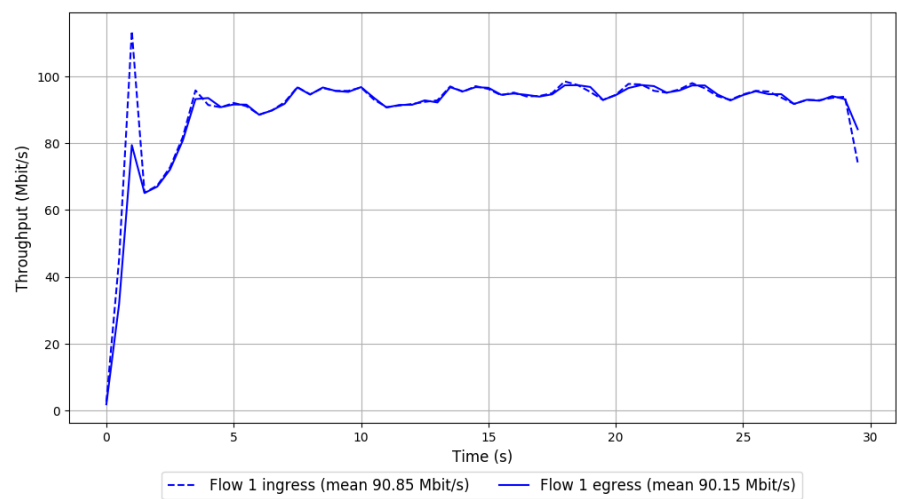


Run 3: Statistics of PCC

Start at: 2017-09-17 13:23:19
End at: 2017-09-17 13:23:49
Local clock offset: -0.957 ms
Remote clock offset: -0.389 ms

Below is generated by plot.py at 2017-09-17 16:35:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.15 Mbit/s
95th percentile per-packet one-way delay: 56.469 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 90.15 Mbit/s
95th percentile per-packet one-way delay: 56.469 ms
Loss rate: 0.77%

Run 3: Report of PCC — Data Link

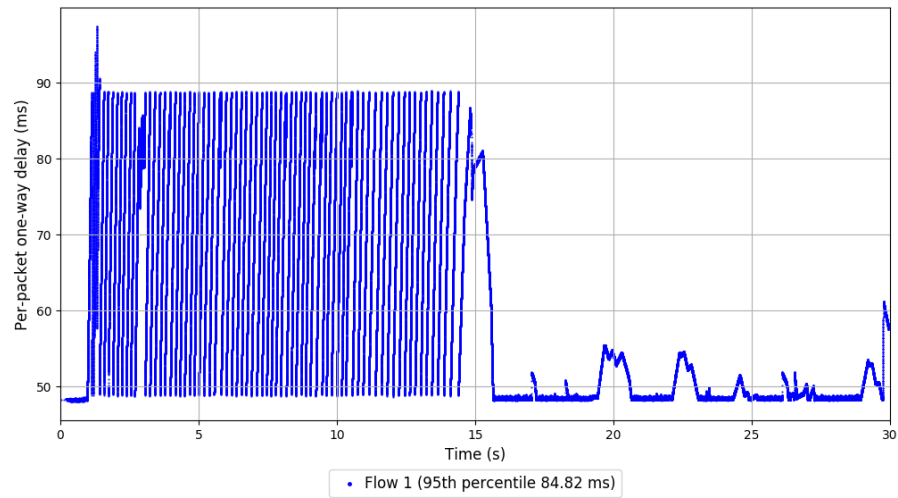
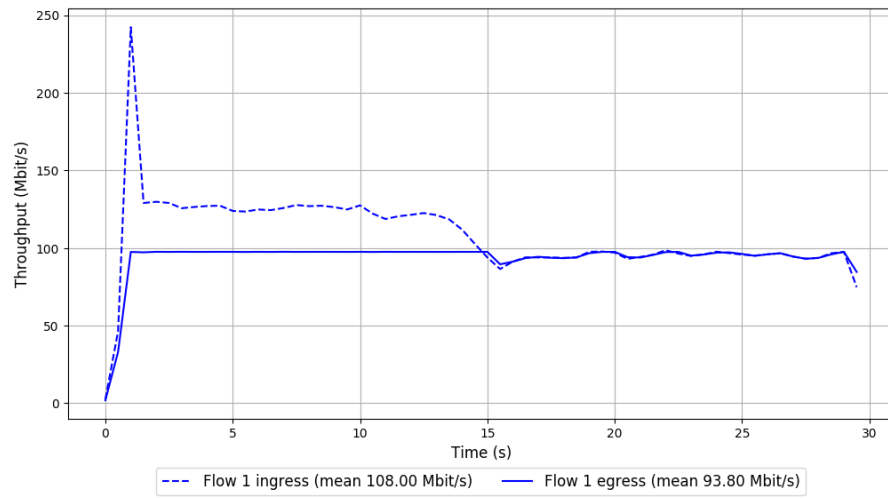


Run 4: Statistics of PCC

Start at: 2017-09-17 13:43:21
End at: 2017-09-17 13:43:51
Local clock offset: -0.761 ms
Remote clock offset: -3.435 ms

Below is generated by plot.py at 2017-09-17 16:35:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.80 Mbit/s
95th percentile per-packet one-way delay: 84.817 ms
Loss rate: 13.12%
-- Flow 1:
Average throughput: 93.80 Mbit/s
95th percentile per-packet one-way delay: 84.817 ms
Loss rate: 13.12%

Run 4: Report of PCC — Data Link

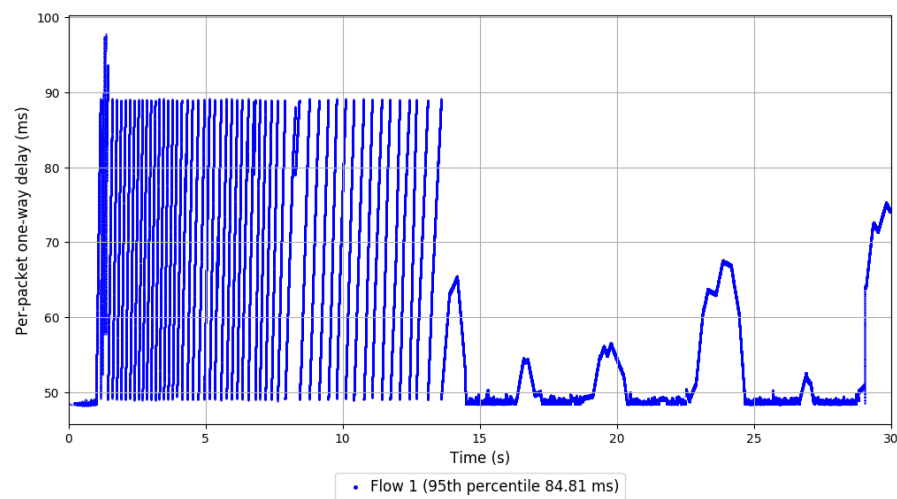
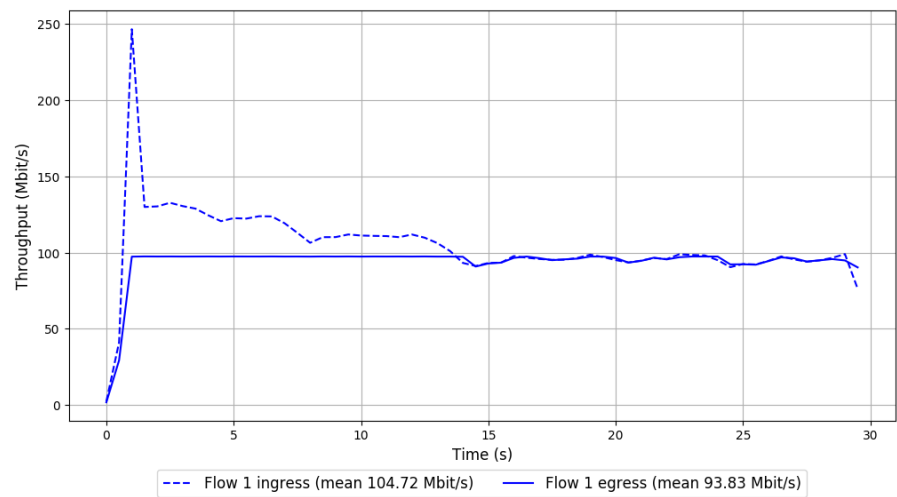


Run 5: Statistics of PCC

Start at: 2017-09-17 14:03:17
End at: 2017-09-17 14:03:47
Local clock offset: -0.643 ms
Remote clock offset: -3.776 ms

Below is generated by plot.py at 2017-09-17 16:35:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.83 Mbit/s
95th percentile per-packet one-way delay: 84.812 ms
Loss rate: 10.32%
-- Flow 1:
Average throughput: 93.83 Mbit/s
95th percentile per-packet one-way delay: 84.812 ms
Loss rate: 10.32%

Run 5: Report of PCC — Data Link

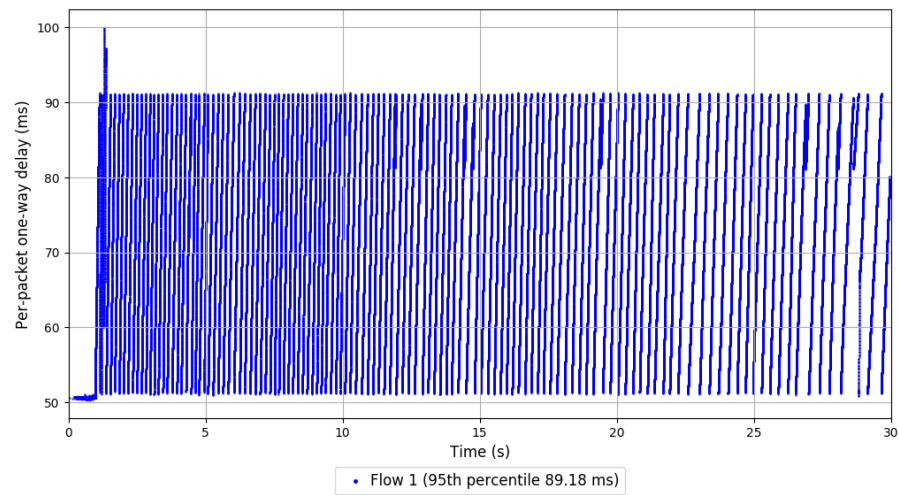
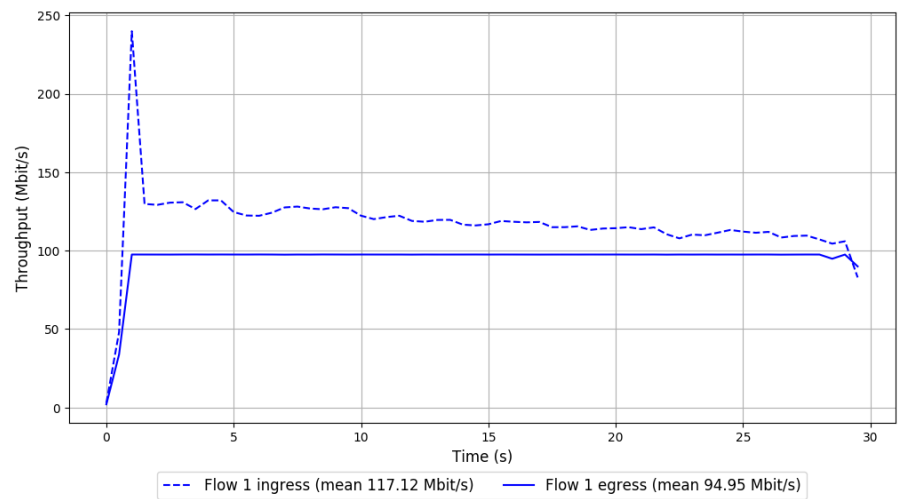


Run 6: Statistics of PCC

Start at: 2017-09-17 14:23:21
End at: 2017-09-17 14:23:51
Local clock offset: -0.631 ms
Remote clock offset: -1.912 ms

Below is generated by plot.py at 2017-09-17 16:35:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.95 Mbit/s
95th percentile per-packet one-way delay: 89.180 ms
Loss rate: 18.86%
-- Flow 1:
Average throughput: 94.95 Mbit/s
95th percentile per-packet one-way delay: 89.180 ms
Loss rate: 18.86%

Run 6: Report of PCC — Data Link

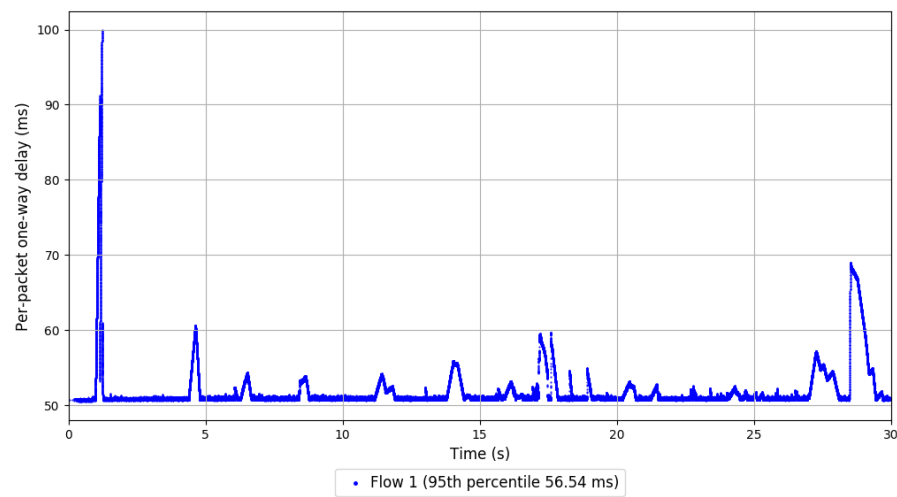
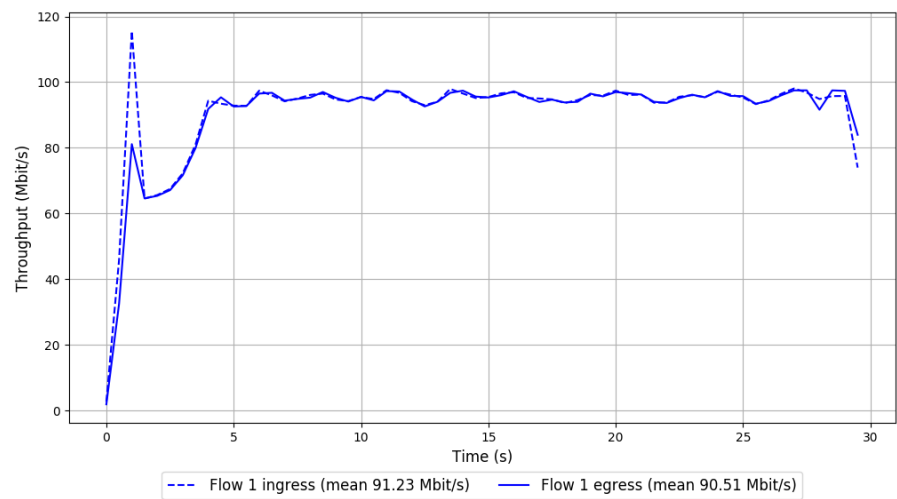


Run 7: Statistics of PCC

Start at: 2017-09-17 14:43:22
End at: 2017-09-17 14:43:52
Local clock offset: -0.463 ms
Remote clock offset: -1.288 ms

Below is generated by plot.py at 2017-09-17 16:35:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.51 Mbit/s
95th percentile per-packet one-way delay: 56.542 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 90.51 Mbit/s
95th percentile per-packet one-way delay: 56.542 ms
Loss rate: 0.79%

Run 7: Report of PCC — Data Link

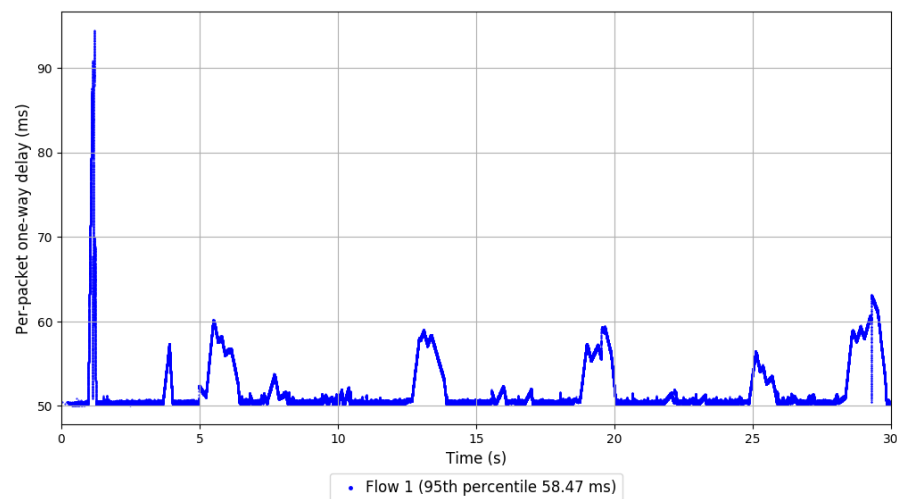
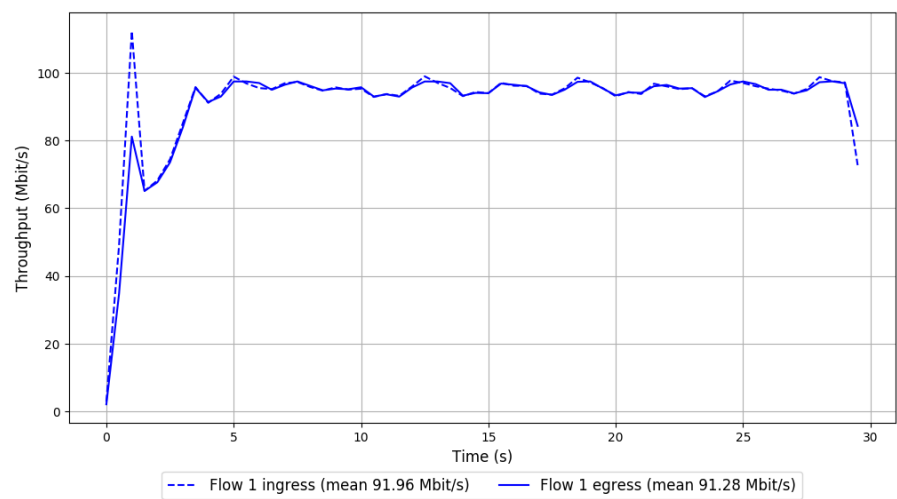


Run 8: Statistics of PCC

Start at: 2017-09-17 15:03:36
End at: 2017-09-17 15:04:06
Local clock offset: -0.213 ms
Remote clock offset: -1.238 ms

Below is generated by plot.py at 2017-09-17 16:35:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.28 Mbit/s
95th percentile per-packet one-way delay: 58.465 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 91.28 Mbit/s
95th percentile per-packet one-way delay: 58.465 ms
Loss rate: 0.75%

Run 8: Report of PCC — Data Link

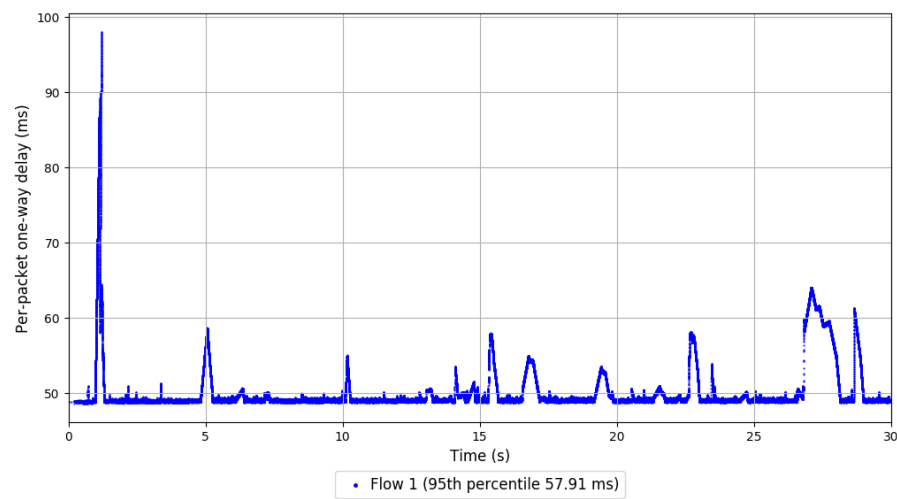
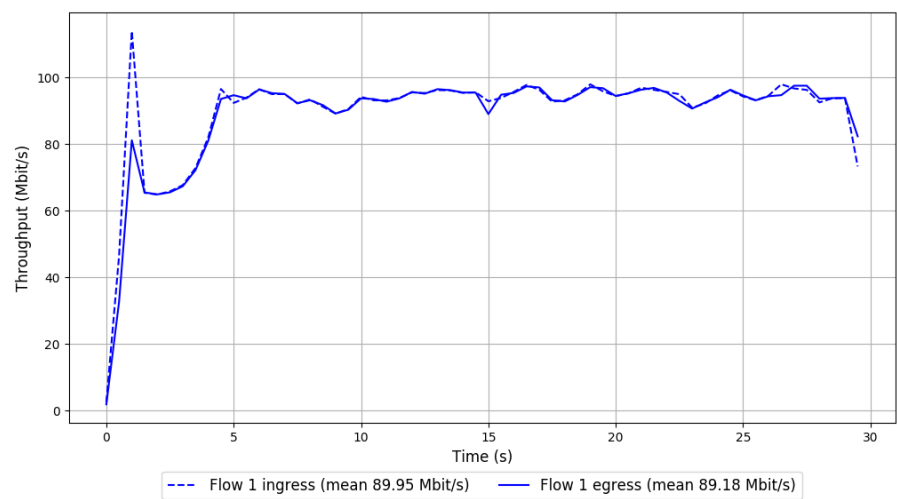


Run 9: Statistics of PCC

Start at: 2017-09-17 15:23:41
End at: 2017-09-17 15:24:11
Local clock offset: -0.192 ms
Remote clock offset: -1.096 ms

Below is generated by plot.py at 2017-09-17 16:35:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.18 Mbit/s
95th percentile per-packet one-way delay: 57.913 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 89.18 Mbit/s
95th percentile per-packet one-way delay: 57.913 ms
Loss rate: 0.86%

Run 9: Report of PCC — Data Link

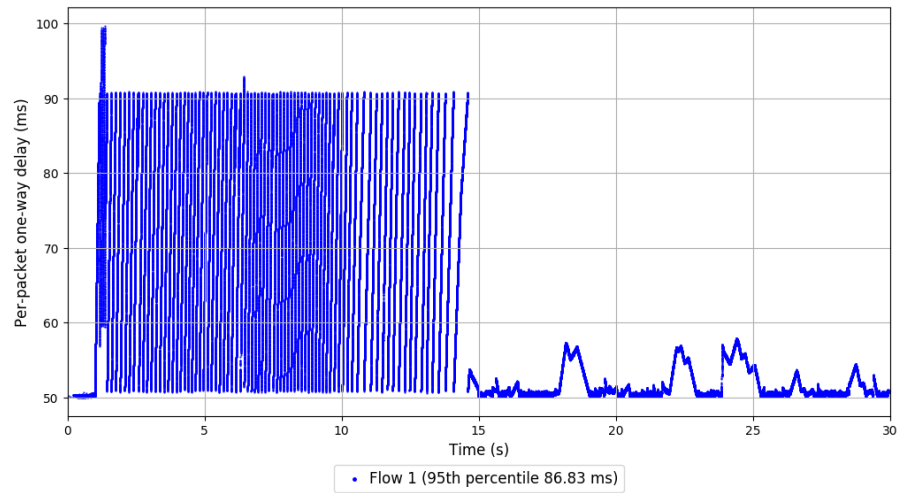
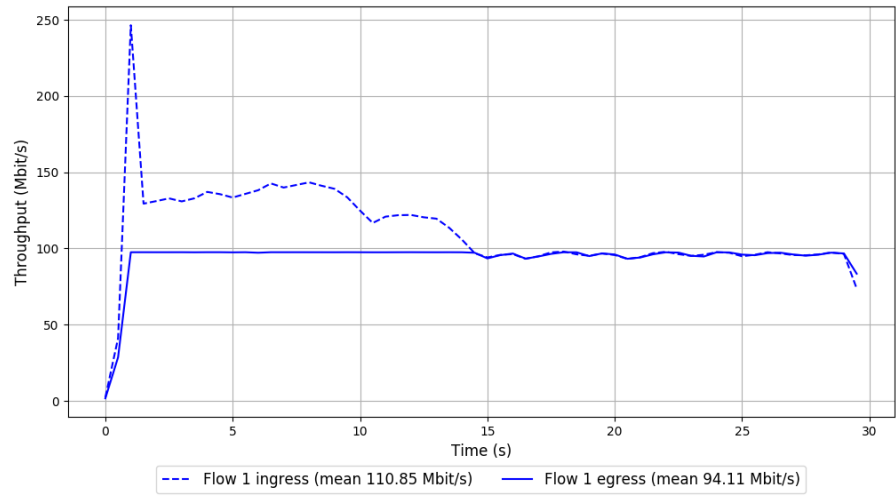


Run 10: Statistics of PCC

Start at: 2017-09-17 15:44:02
End at: 2017-09-17 15:44:32
Local clock offset: 0.023 ms
Remote clock offset: -0.949 ms

Below is generated by plot.py at 2017-09-17 16:36:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.11 Mbit/s
95th percentile per-packet one-way delay: 86.832 ms
Loss rate: 15.10%
-- Flow 1:
Average throughput: 94.11 Mbit/s
95th percentile per-packet one-way delay: 86.832 ms
Loss rate: 15.10%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

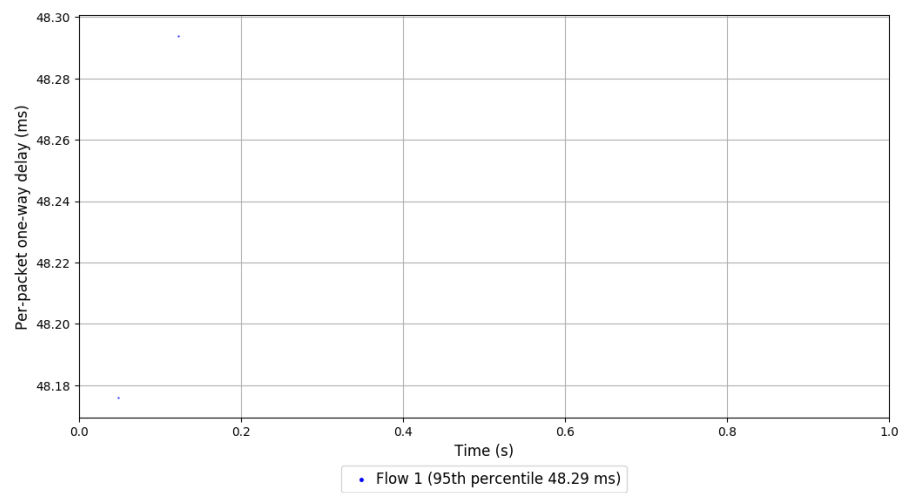
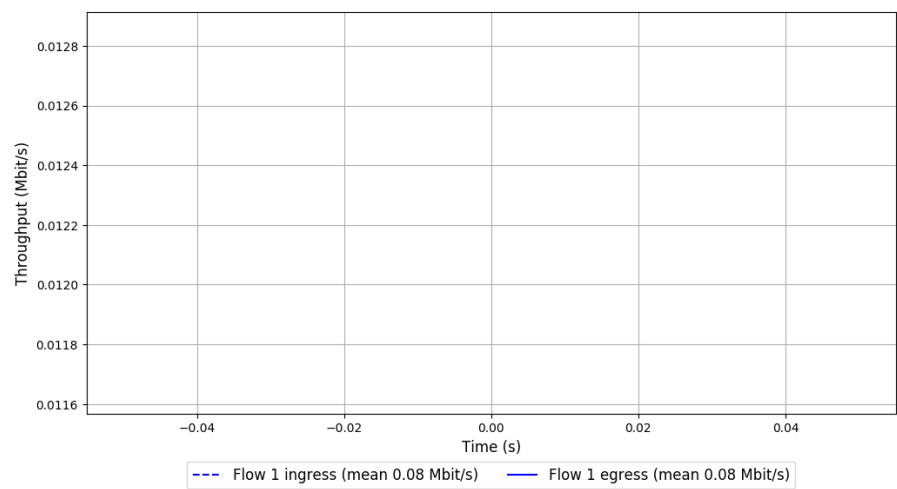
Start at: 2017-09-17 12:42:13

End at: 2017-09-17 12:42:43

Local clock offset: -0.896 ms

Remote clock offset: -1.987 ms

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

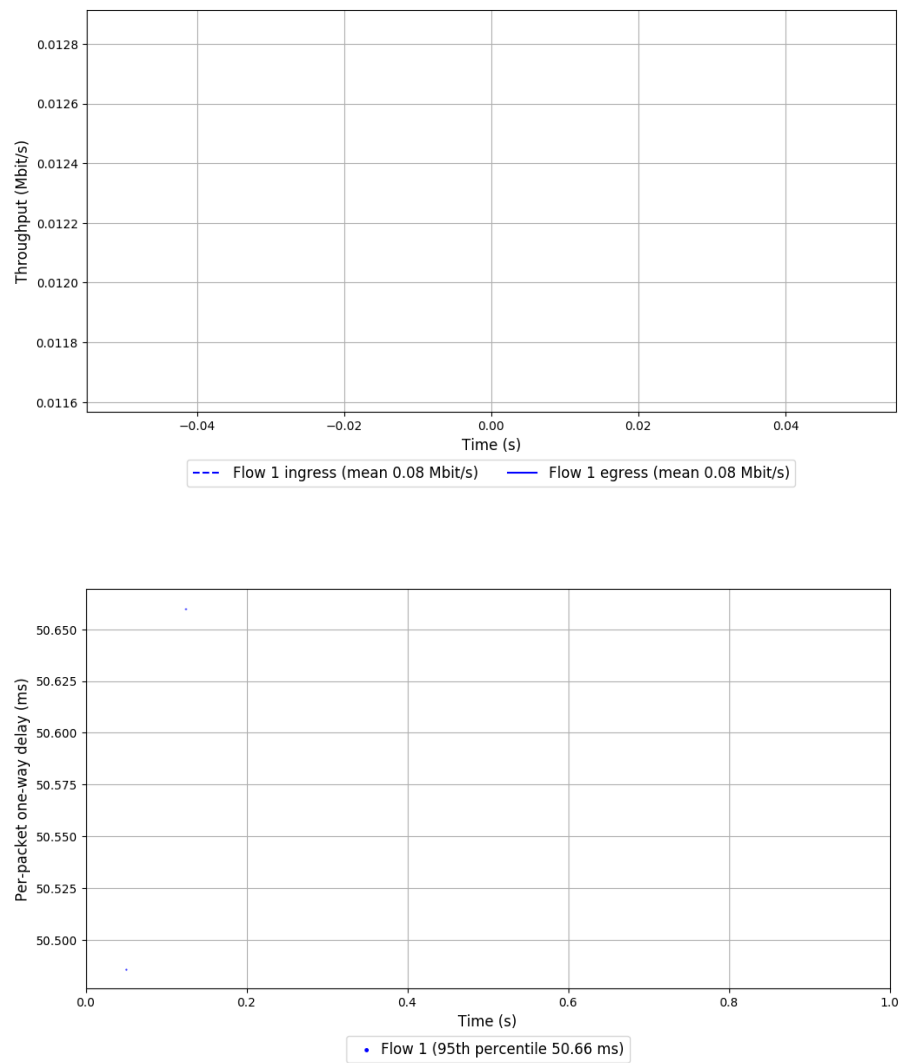
Start at: 2017-09-17 13:02:07

End at: 2017-09-17 13:02:37

Local clock offset: -0.9 ms

Remote clock offset: -0.223 ms

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2017-09-17 13:21:58

End at: 2017-09-17 13:22:28

Local clock offset: -0.883 ms

Remote clock offset: -0.861 ms

Below is generated by plot.py at 2017-09-17 16:36:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 76.79 Mbit/s

95th percentile per-packet one-way delay: 50.780 ms

Loss rate: 0.00%

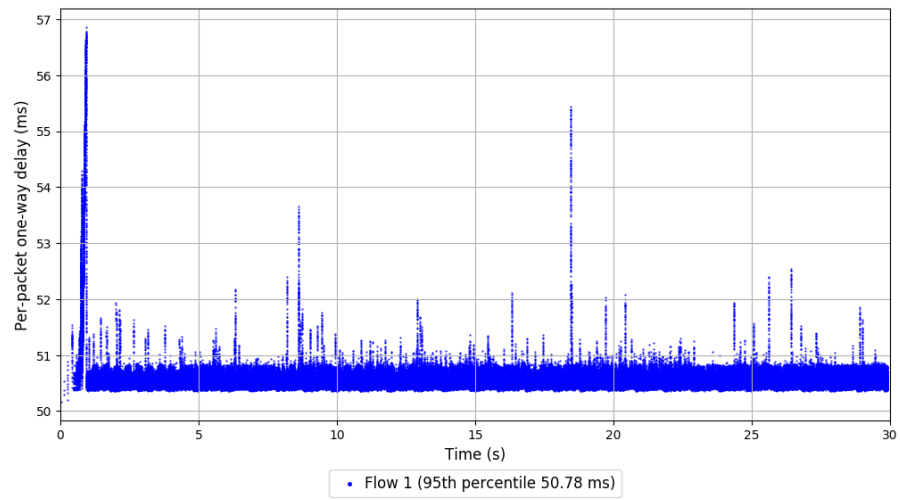
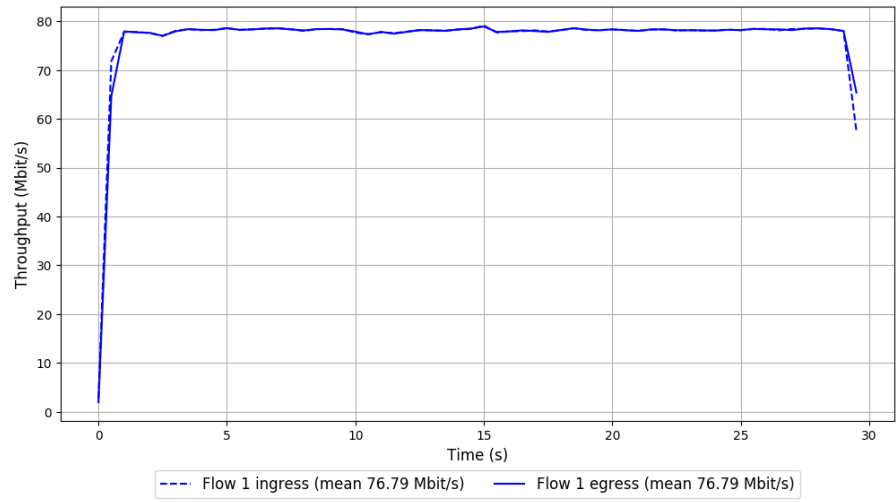
-- Flow 1:

Average throughput: 76.79 Mbit/s

95th percentile per-packet one-way delay: 50.780 ms

Loss rate: 0.00%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2017-09-17 13:42:01

End at: 2017-09-17 13:42:31

Local clock offset: -0.804 ms

Remote clock offset: -3.375 ms

Below is generated by plot.py at 2017-09-17 16:36:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 74.00 Mbit/s

95th percentile per-packet one-way delay: 48.886 ms

Loss rate: 0.01%

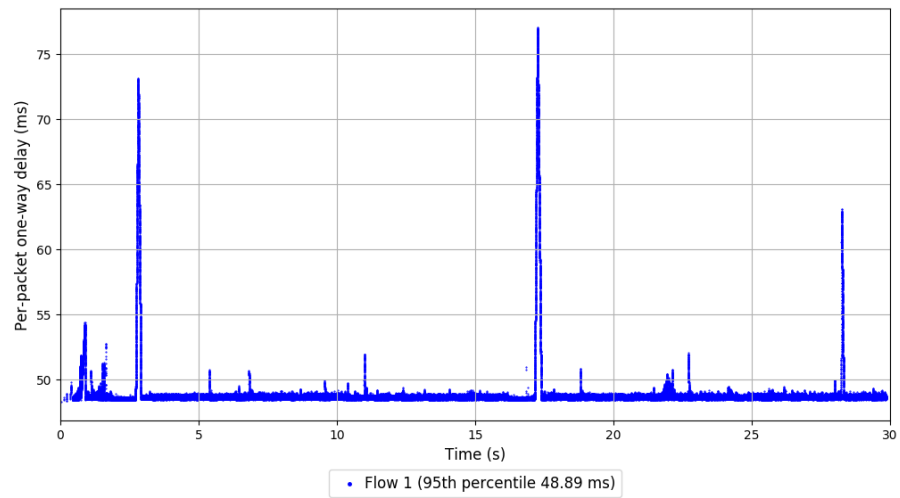
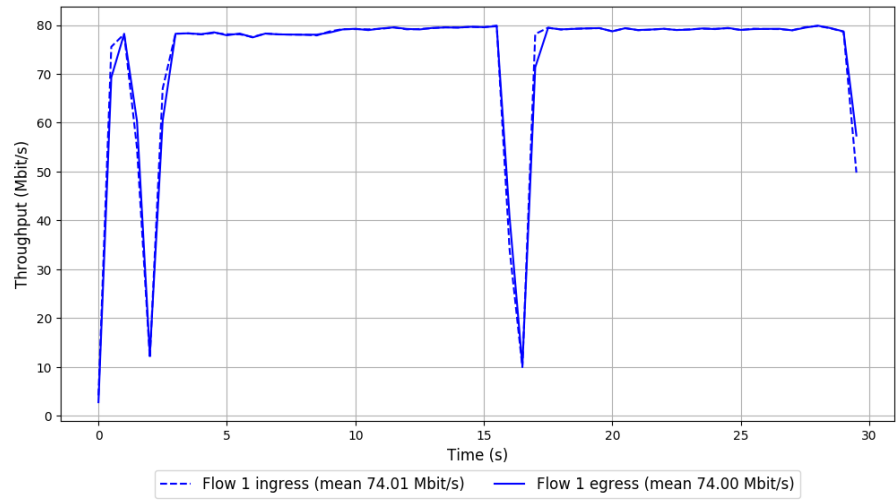
-- Flow 1:

Average throughput: 74.00 Mbit/s

95th percentile per-packet one-way delay: 48.886 ms

Loss rate: 0.01%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2017-09-17 14:01:56

End at: 2017-09-17 14:02:26

Local clock offset: -0.751 ms

Remote clock offset: -3.831 ms

Below is generated by plot.py at 2017-09-17 16:36:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.28 Mbit/s

95th percentile per-packet one-way delay: 48.575 ms

Loss rate: 0.00%

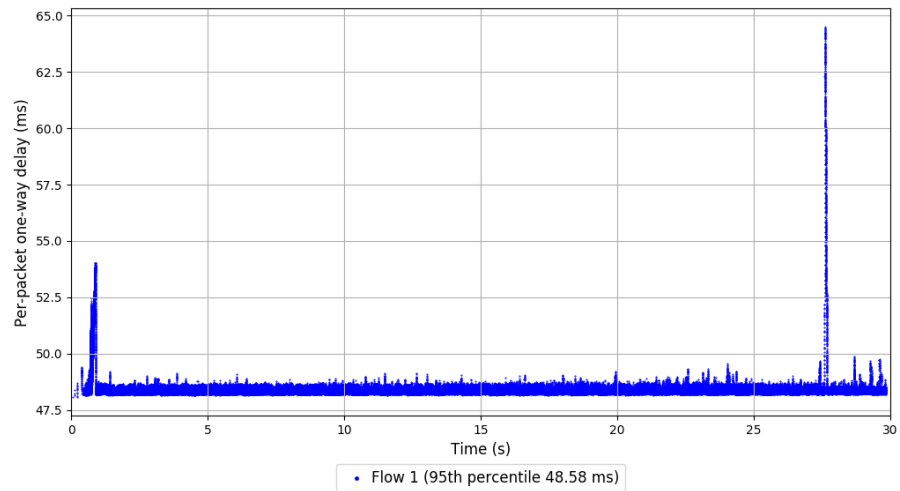
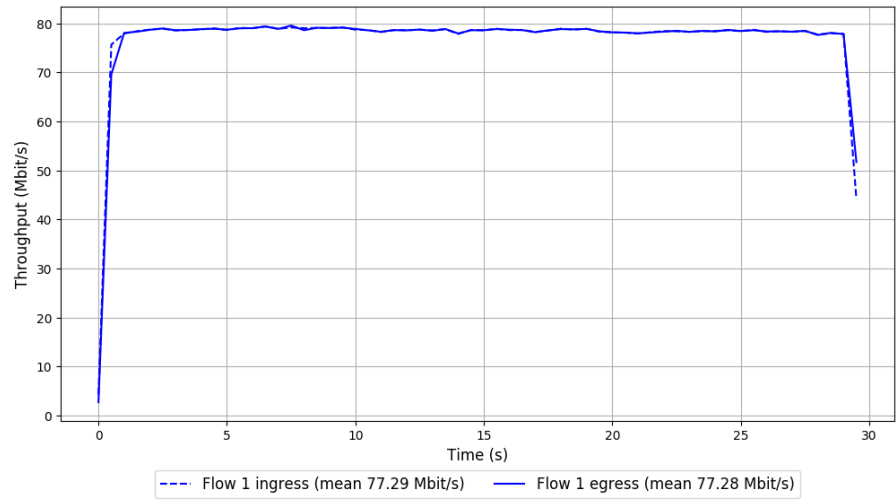
-- Flow 1:

Average throughput: 77.28 Mbit/s

95th percentile per-packet one-way delay: 48.575 ms

Loss rate: 0.00%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2017-09-17 14:22:00

End at: 2017-09-17 14:22:30

Local clock offset: -0.664 ms

Remote clock offset: -1.496 ms

Below is generated by plot.py at 2017-09-17 16:37:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.69 Mbit/s

95th percentile per-packet one-way delay: 88.050 ms

Loss rate: 0.70%

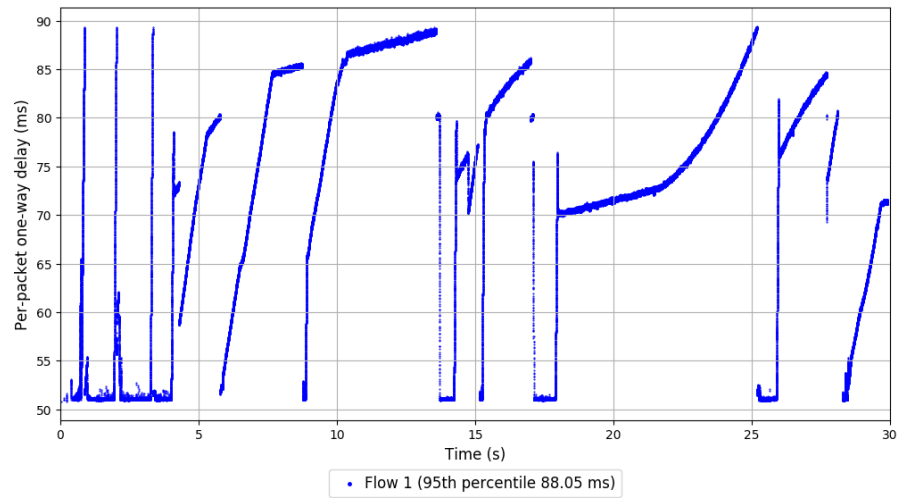
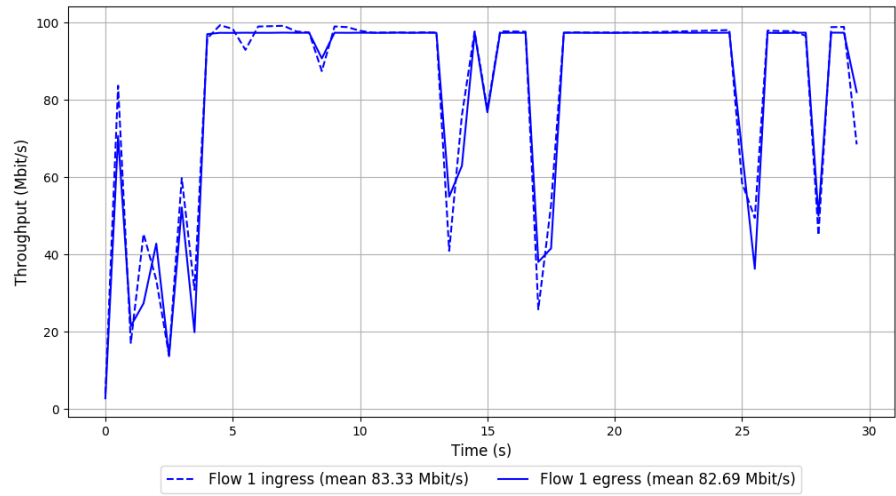
-- Flow 1:

Average throughput: 82.69 Mbit/s

95th percentile per-packet one-way delay: 88.050 ms

Loss rate: 0.70%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: 2017-09-17 14:42:00

End at: 2017-09-17 14:42:30

Local clock offset: -0.378 ms

Remote clock offset: -1.75 ms

Below is generated by plot.py at 2017-09-17 16:37:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.38 Mbit/s

95th percentile per-packet one-way delay: 72.662 ms

Loss rate: 0.35%

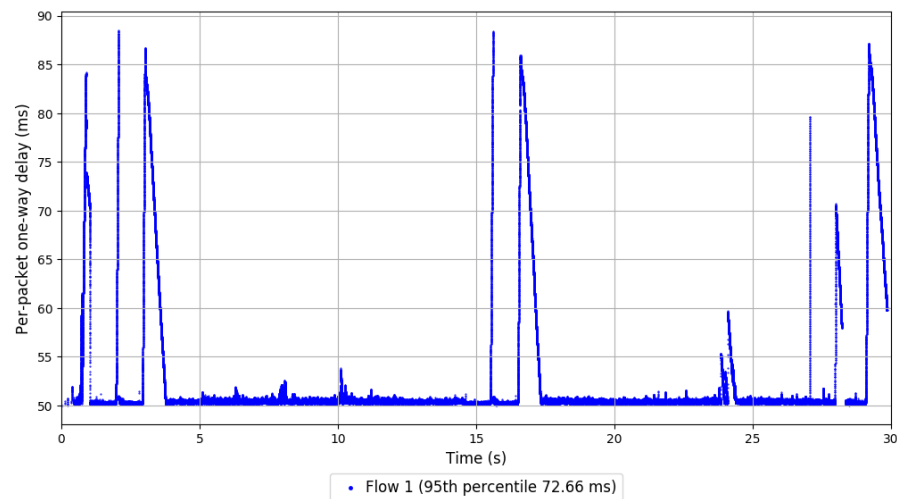
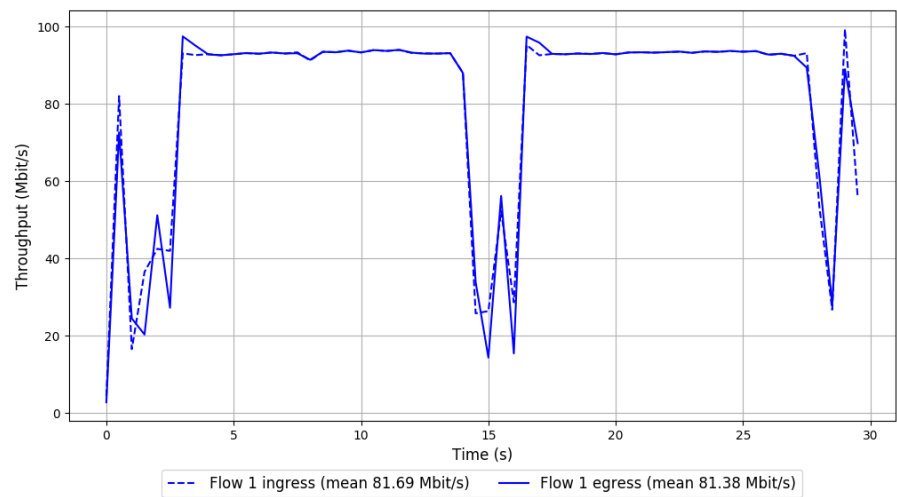
-- Flow 1:

Average throughput: 81.38 Mbit/s

95th percentile per-packet one-way delay: 72.662 ms

Loss rate: 0.35%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2017-09-17 15:02:15

End at: 2017-09-17 15:02:45

Local clock offset: -0.201 ms

Remote clock offset: -0.816 ms

Below is generated by plot.py at 2017-09-17 16:37:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.69 Mbit/s

95th percentile per-packet one-way delay: 83.861 ms

Loss rate: 0.59%

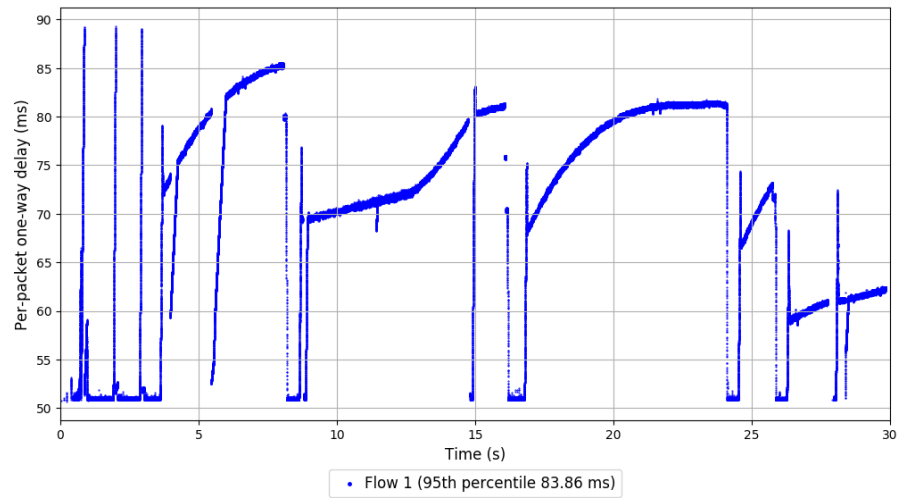
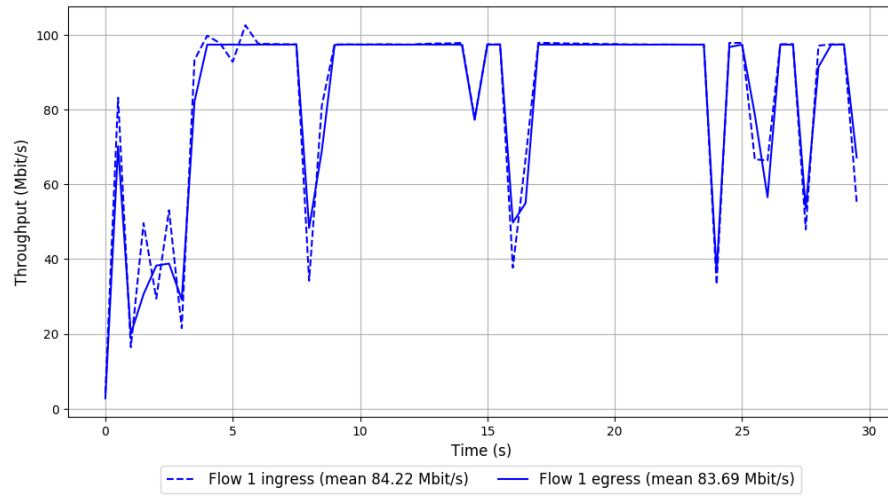
-- Flow 1:

Average throughput: 83.69 Mbit/s

95th percentile per-packet one-way delay: 83.861 ms

Loss rate: 0.59%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2017-09-17 15:22:20

End at: 2017-09-17 15:22:50

Local clock offset: -0.09 ms

Remote clock offset: -0.681 ms

Below is generated by plot.py at 2017-09-17 16:37:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.34 Mbit/s

95th percentile per-packet one-way delay: 50.990 ms

Loss rate: 0.05%

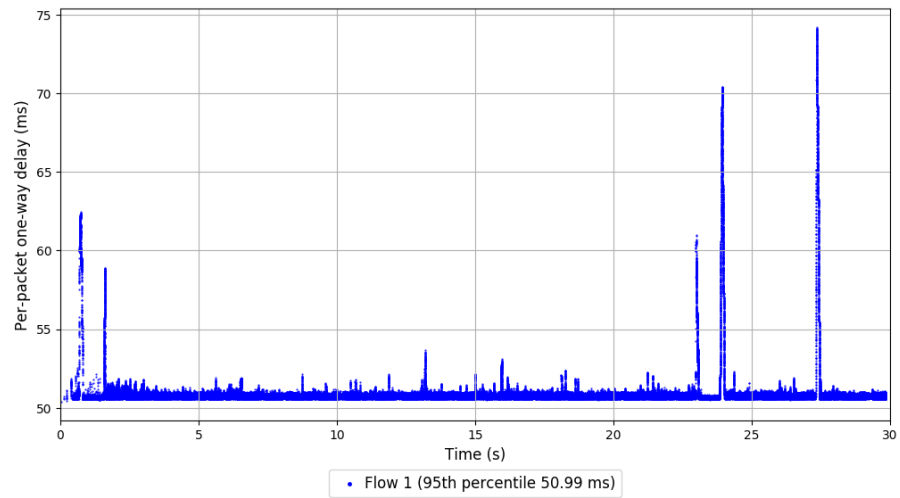
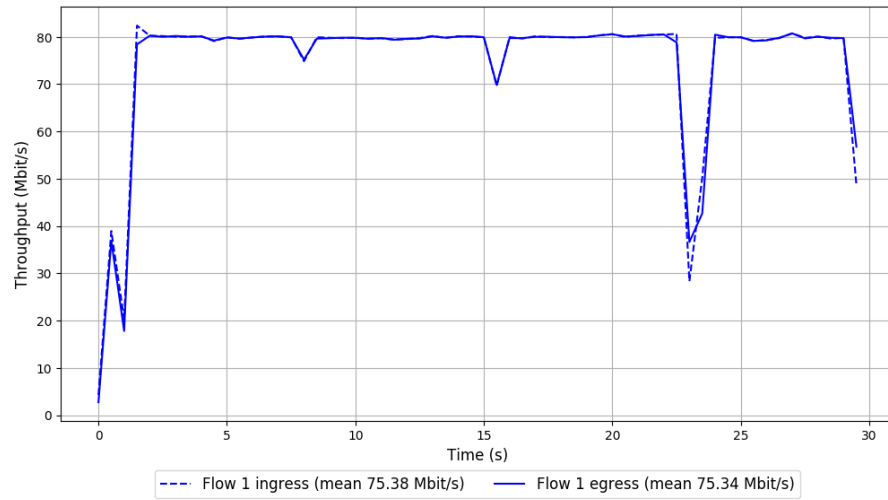
-- Flow 1:

Average throughput: 75.34 Mbit/s

95th percentile per-packet one-way delay: 50.990 ms

Loss rate: 0.05%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2017-09-17 15:42:38

End at: 2017-09-17 15:43:08

Local clock offset: -0.09 ms

Remote clock offset: -2.937 ms

Below is generated by plot.py at 2017-09-17 16:37:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.03 Mbit/s

95th percentile per-packet one-way delay: 85.213 ms

Loss rate: 0.58%

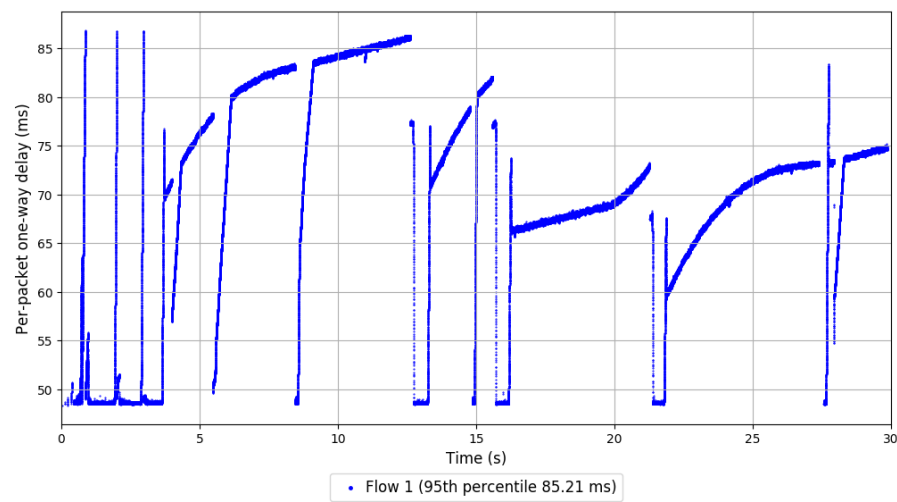
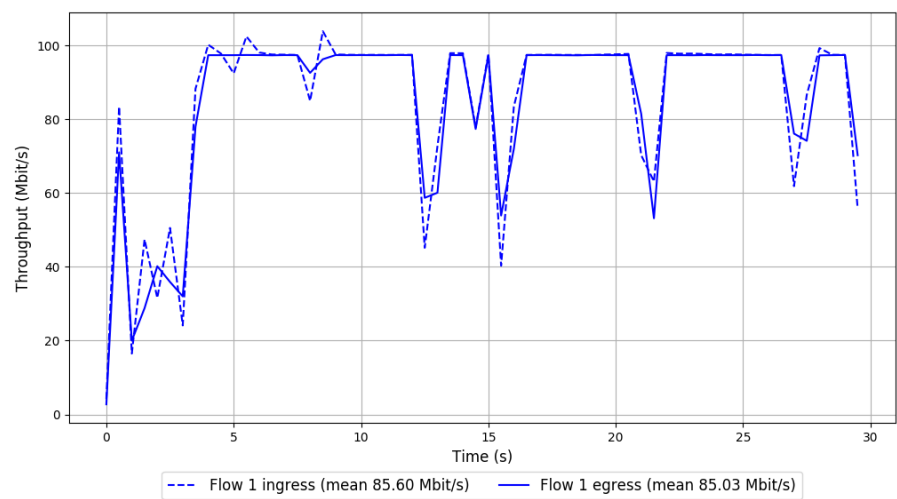
-- Flow 1:

Average throughput: 85.03 Mbit/s

95th percentile per-packet one-way delay: 85.213 ms

Loss rate: 0.58%

Run 10: Report of QUIC Cubic — Data Link

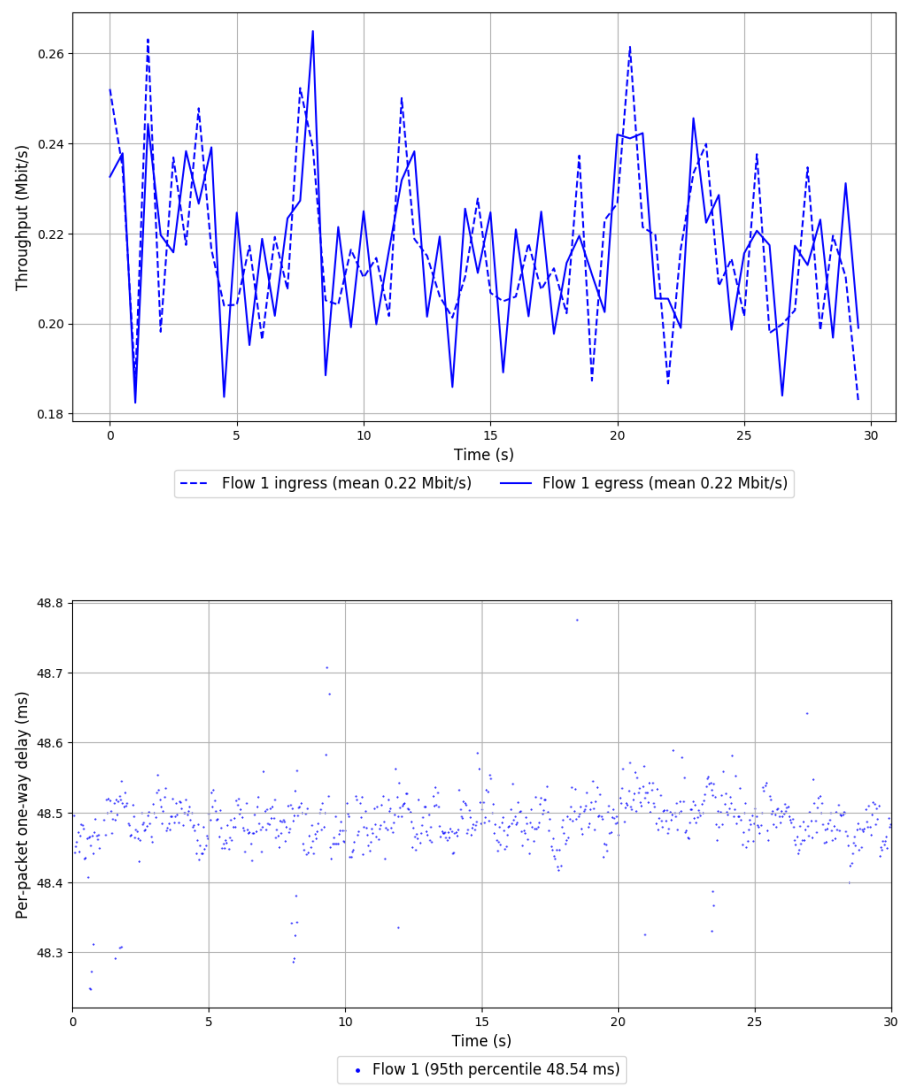


Run 1: Statistics of SCReAM

Start at: 2017-09-17 12:48:48
End at: 2017-09-17 12:49:18
Local clock offset: -0.9 ms
Remote clock offset: -1.943 ms

Below is generated by plot.py at 2017-09-17 16:37:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.538 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.538 ms
Loss rate: 0.00%

Run 1: Report of SReAM — Data Link

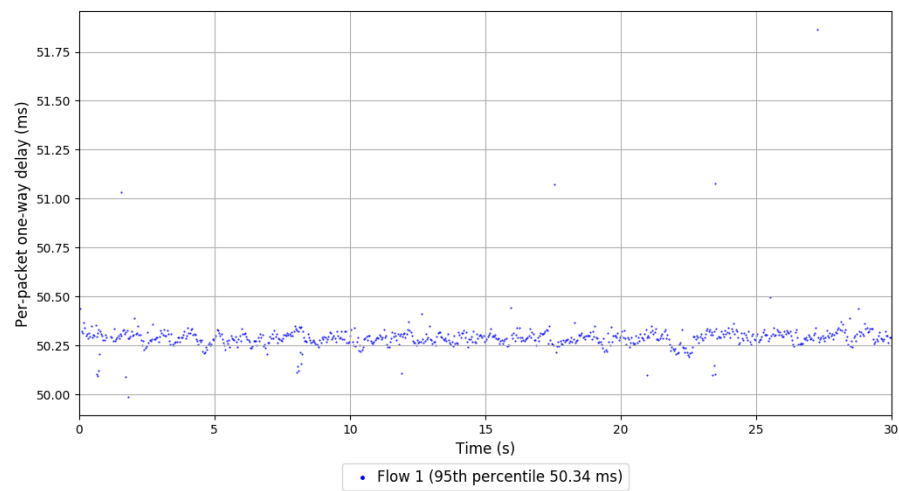
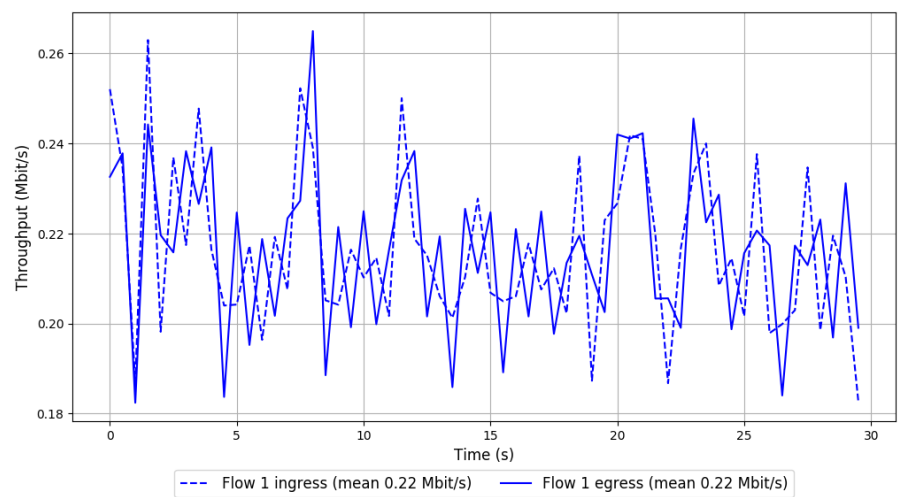


Run 2: Statistics of SCReAM

Start at: 2017-09-17 13:08:36
End at: 2017-09-17 13:09:06
Local clock offset: -0.803 ms
Remote clock offset: -0.514 ms

Below is generated by plot.py at 2017-09-17 16:37:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.339 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.339 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

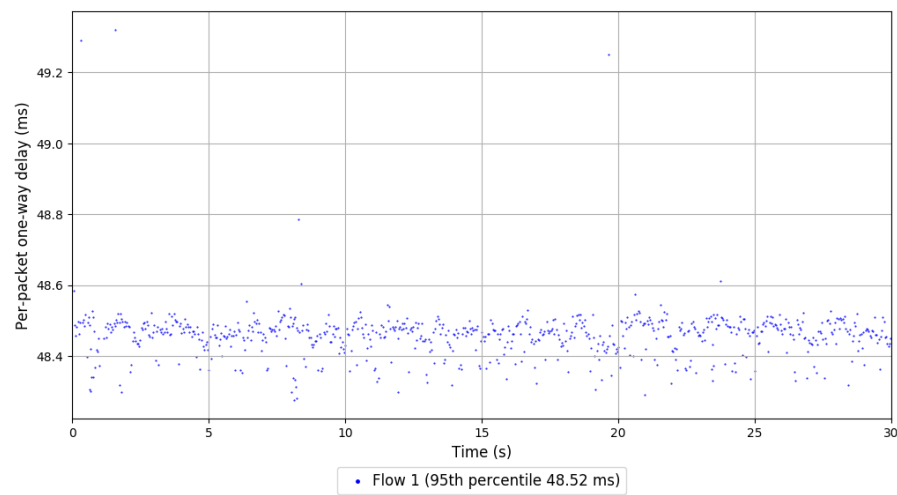
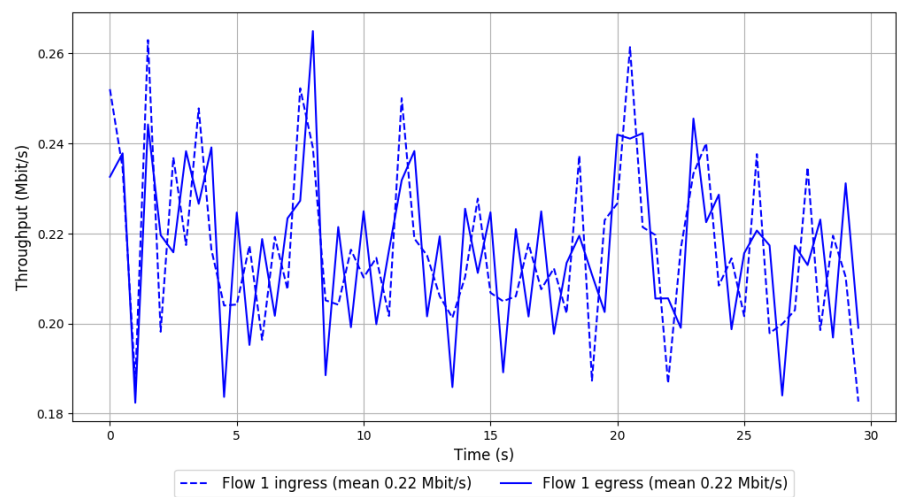


Run 3: Statistics of SCReAM

Start at: 2017-09-17 13:28:37
End at: 2017-09-17 13:29:07
Local clock offset: -0.881 ms
Remote clock offset: -3.132 ms

Below is generated by plot.py at 2017-09-17 16:37:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.516 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.516 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

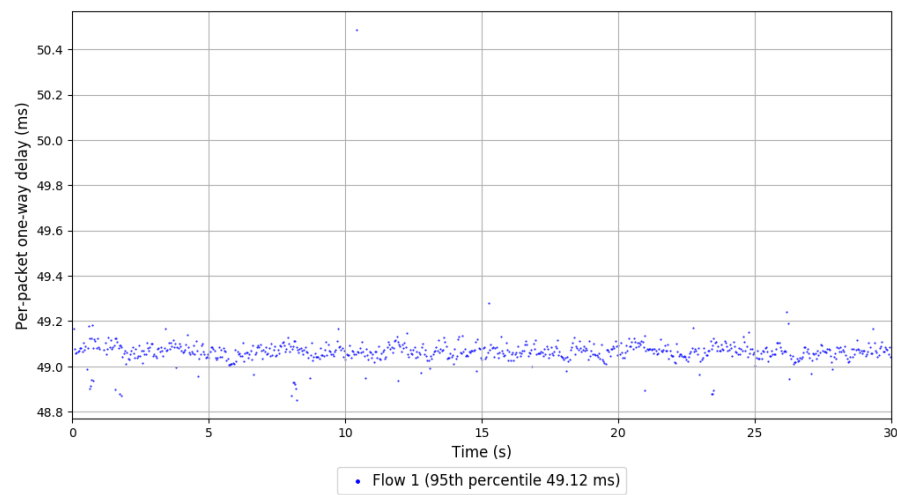
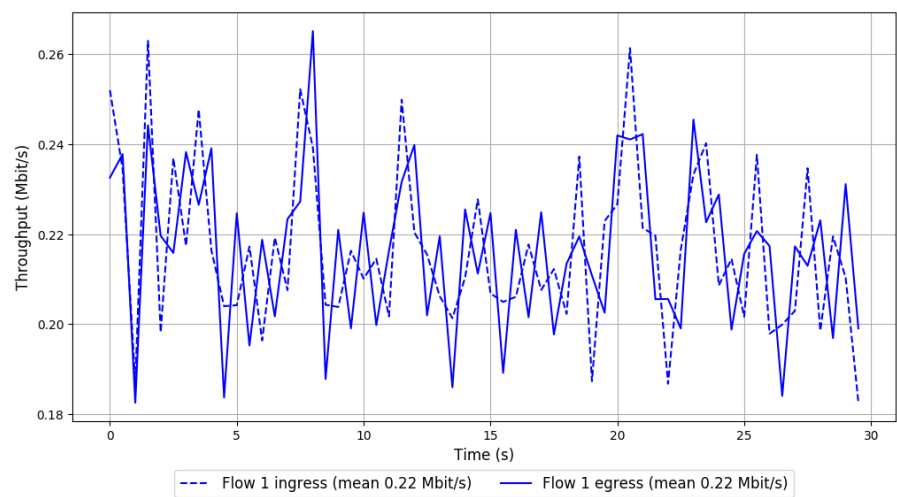


Run 4: Statistics of SCReAM

Start at: 2017-09-17 13:48:31
End at: 2017-09-17 13:49:01
Local clock offset: -0.816 ms
Remote clock offset: -1.432 ms

Below is generated by plot.py at 2017-09-17 16:37:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 49.116 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 49.116 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

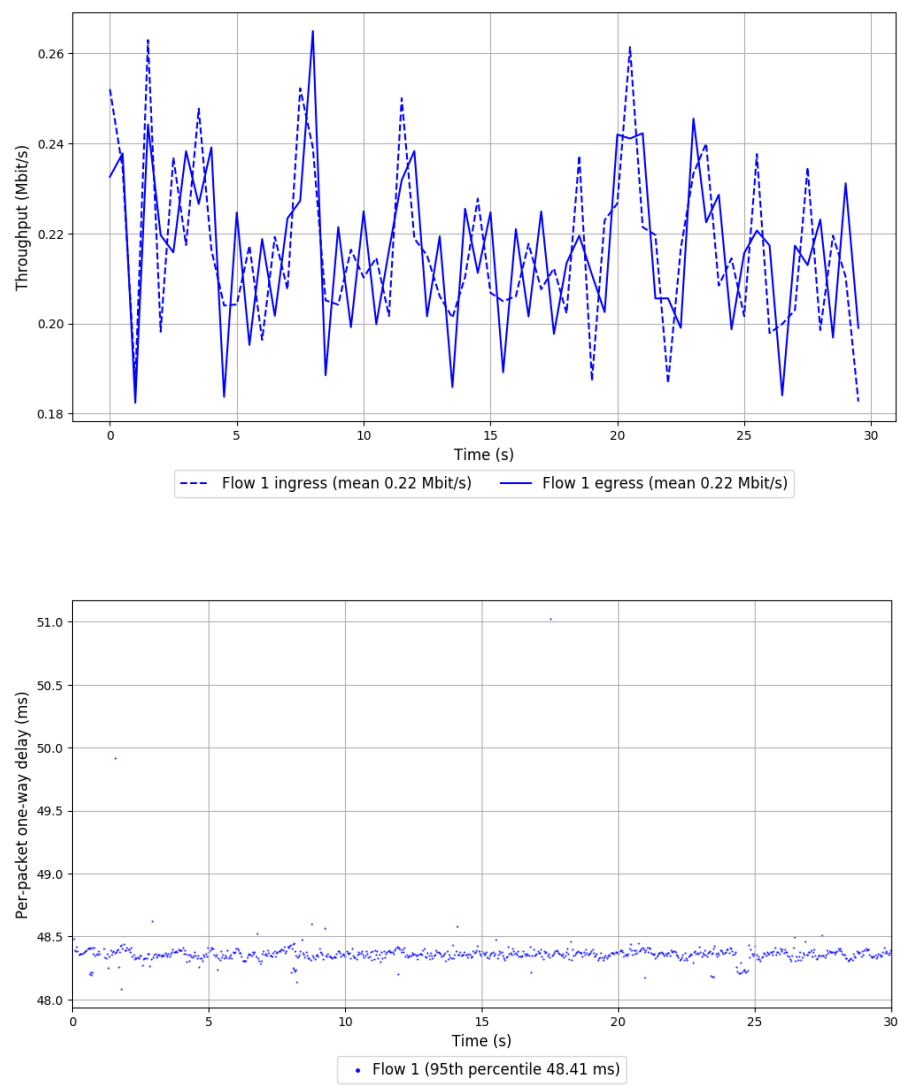


Run 5: Statistics of SCReAM

Start at: 2017-09-17 14:08:34
End at: 2017-09-17 14:09:04
Local clock offset: -0.639 ms
Remote clock offset: -3.822 ms

Below is generated by plot.py at 2017-09-17 16:37:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.414 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.414 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

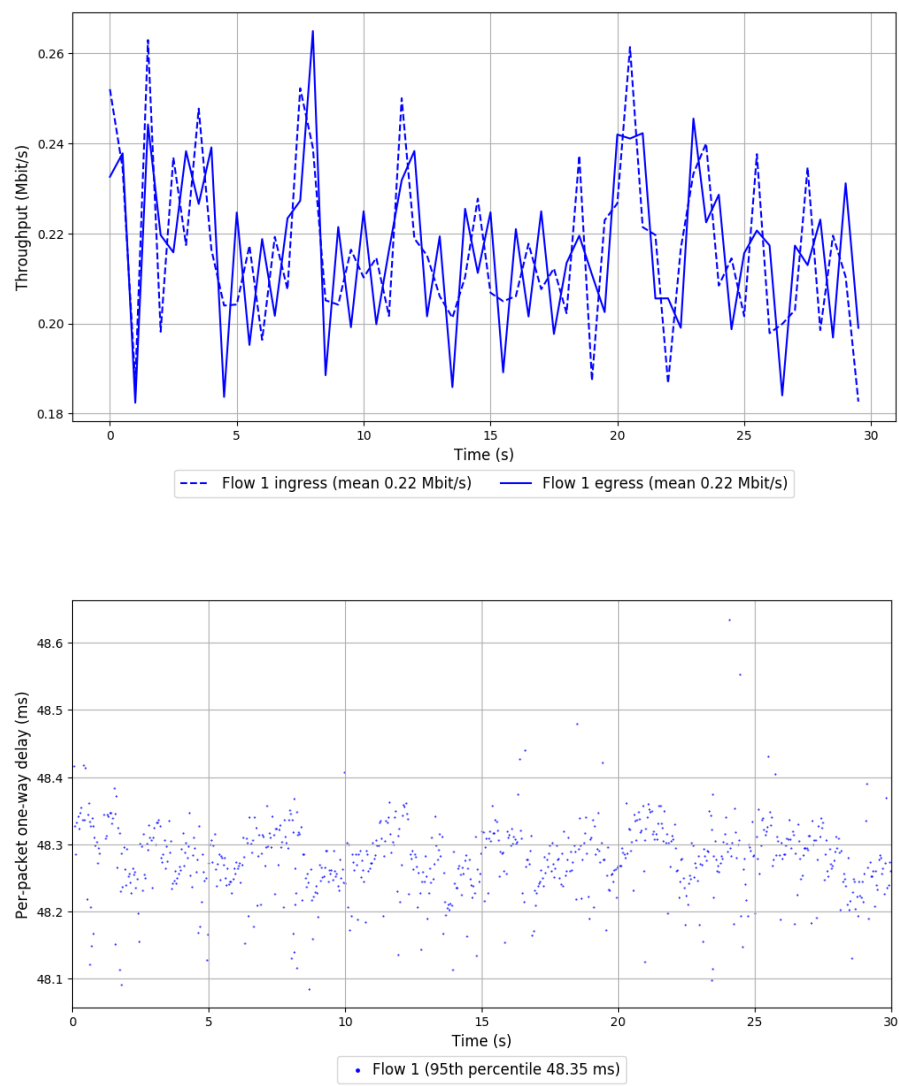


Run 6: Statistics of SCReAM

Start at: 2017-09-17 14:28:32
End at: 2017-09-17 14:29:02
Local clock offset: -0.497 ms
Remote clock offset: -3.909 ms

Below is generated by plot.py at 2017-09-17 16:37:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.350 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.350 ms
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

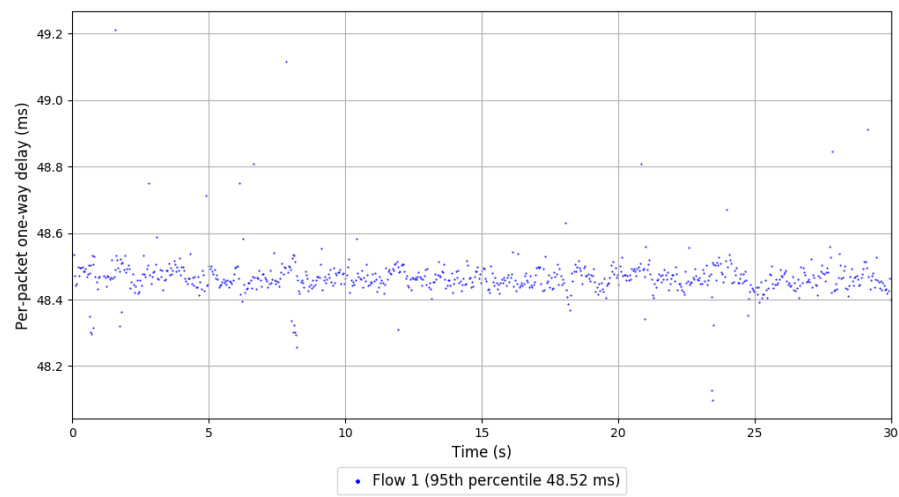
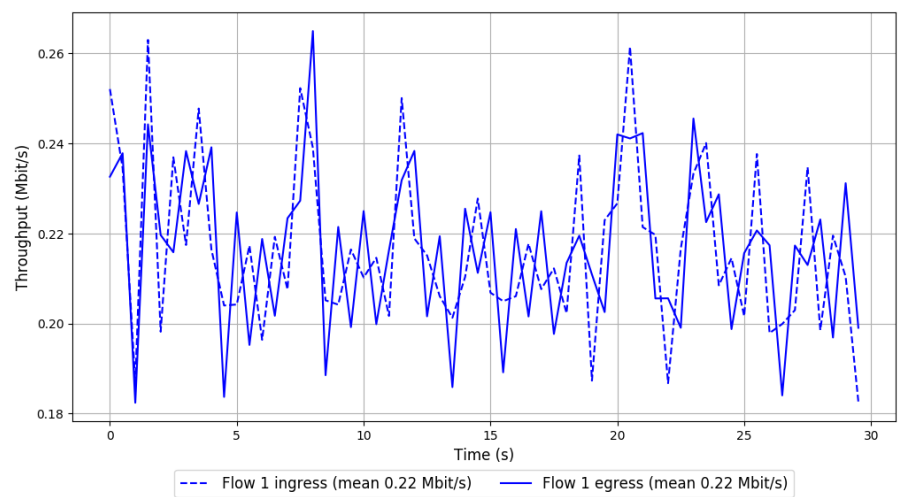


Run 7: Statistics of SCReAM

Start at: 2017-09-17 14:48:43
End at: 2017-09-17 14:49:13
Local clock offset: -0.423 ms
Remote clock offset: -3.537 ms

Below is generated by plot.py at 2017-09-17 16:37:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.524 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.524 ms
Loss rate: 0.00%

Run 7: Report of SReAM — Data Link

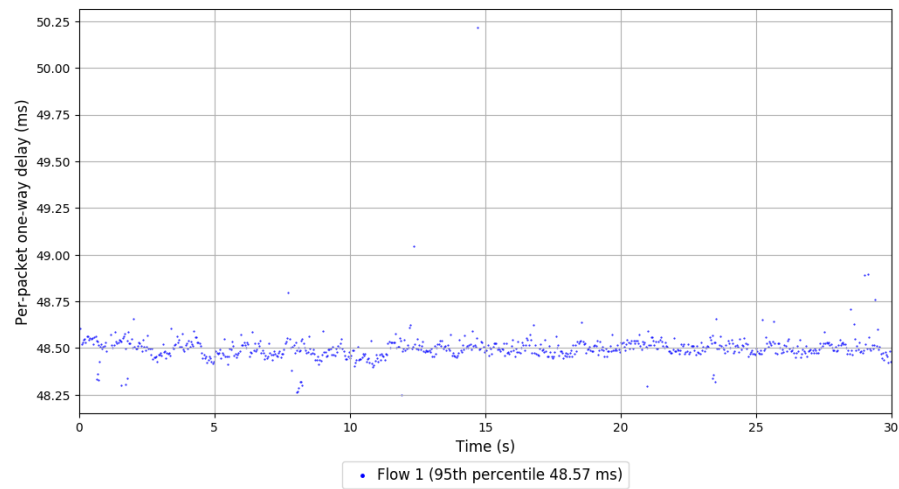
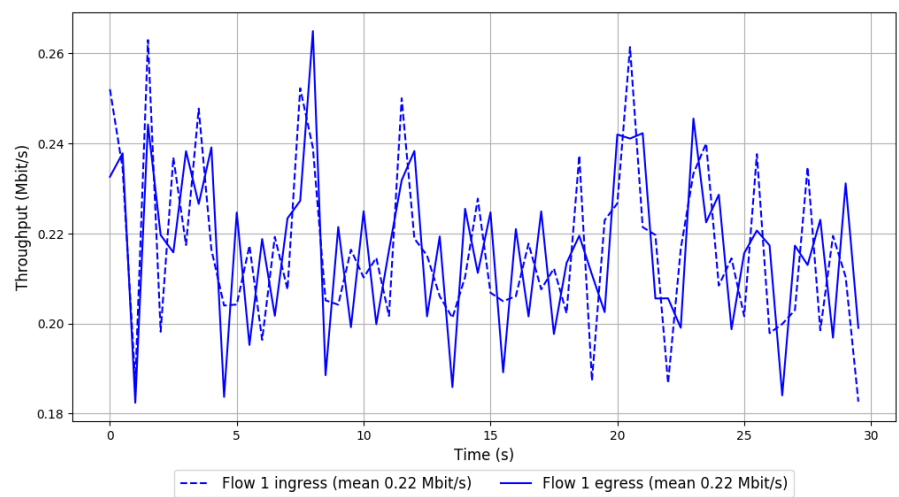


Run 8: Statistics of SCReAM

Start at: 2017-09-17 15:08:53
End at: 2017-09-17 15:09:23
Local clock offset: -0.164 ms
Remote clock offset: -3.255 ms

Below is generated by plot.py at 2017-09-17 16:37:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.567 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.567 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

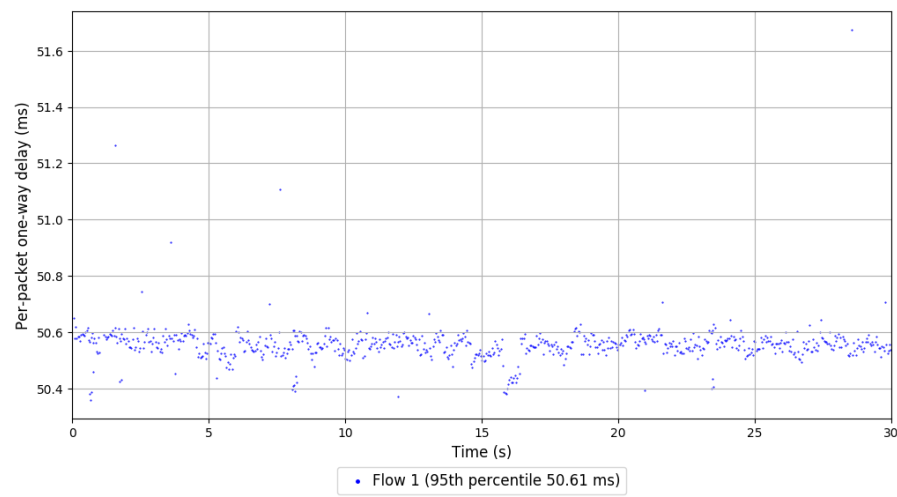
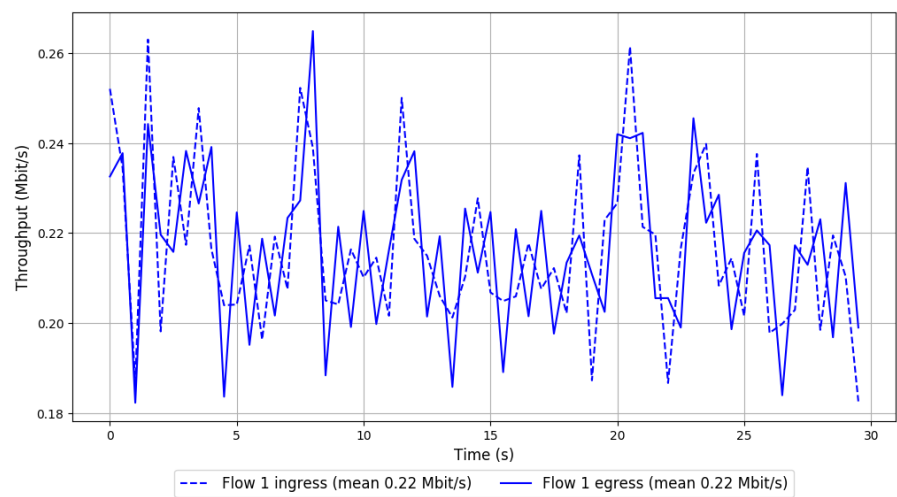


Run 9: Statistics of SCReAM

Start at: 2017-09-17 15:28:52
End at: 2017-09-17 15:29:22
Local clock offset: -0.051 ms
Remote clock offset: -1.017 ms

Below is generated by plot.py at 2017-09-17 16:37:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.606 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.606 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link

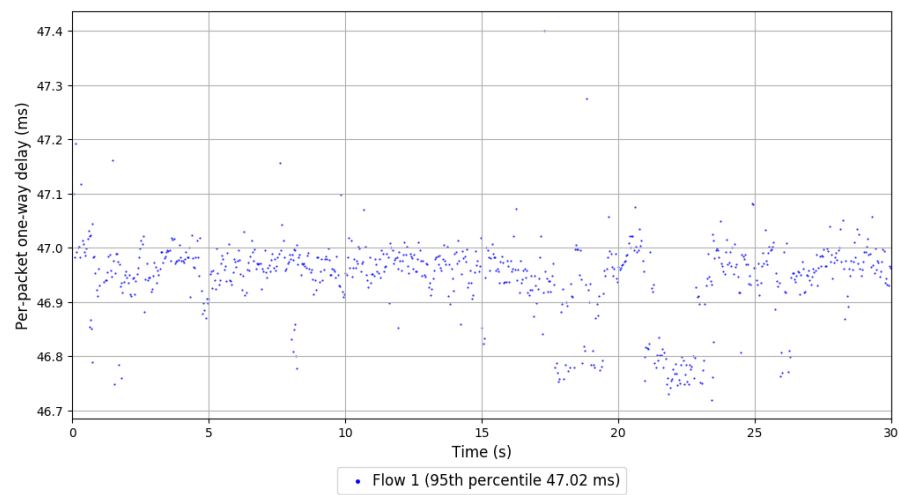
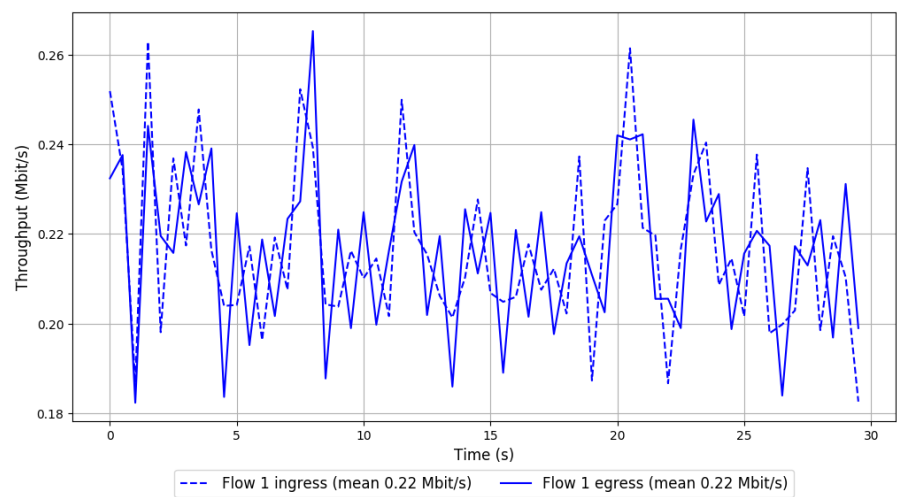


Run 10: Statistics of SCReAM

Start at: 2017-09-17 15:49:27
End at: 2017-09-17 15:49:57
Local clock offset: -0.053 ms
Remote clock offset: -2.906 ms

Below is generated by plot.py at 2017-09-17 16:37:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 47.018 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 47.018 ms
Loss rate: 0.00%

Run 10: Report of SReAM — Data Link

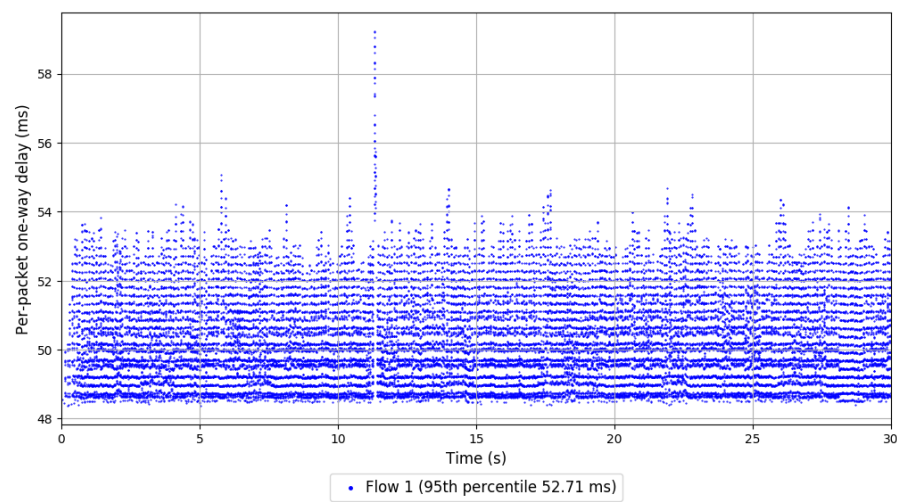
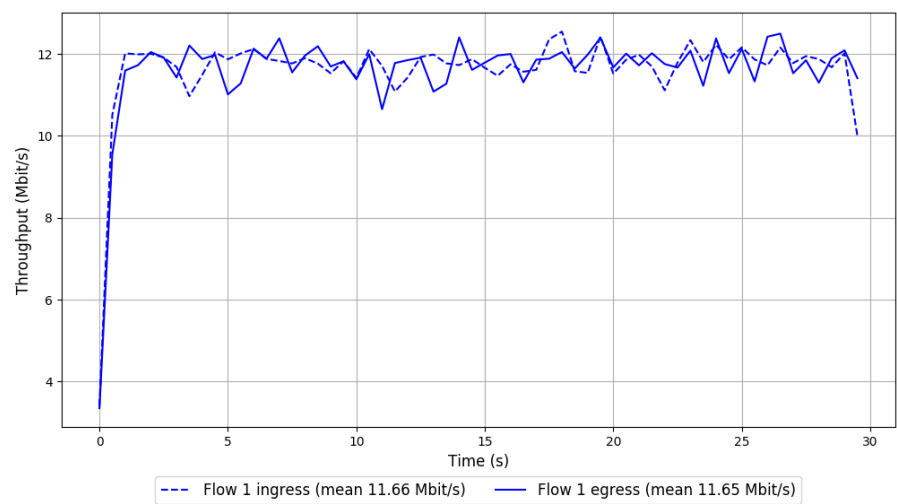


Run 1: Statistics of Sprout

Start at: 2017-09-17 12:44:49
End at: 2017-09-17 12:45:19
Local clock offset: -0.951 ms
Remote clock offset: -1.942 ms

Below is generated by plot.py at 2017-09-17 16:37:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.65 Mbit/s
95th percentile per-packet one-way delay: 52.712 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 11.65 Mbit/s
95th percentile per-packet one-way delay: 52.712 ms
Loss rate: 0.08%

Run 1: Report of Sprout — Data Link

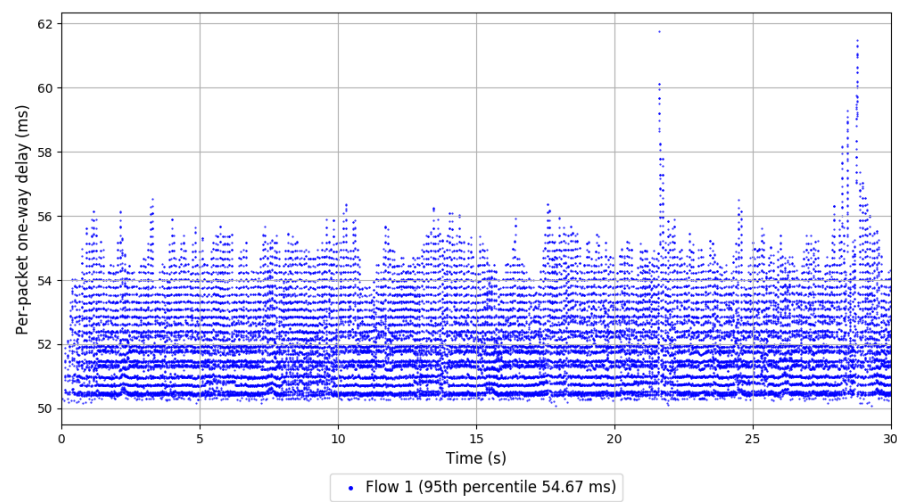
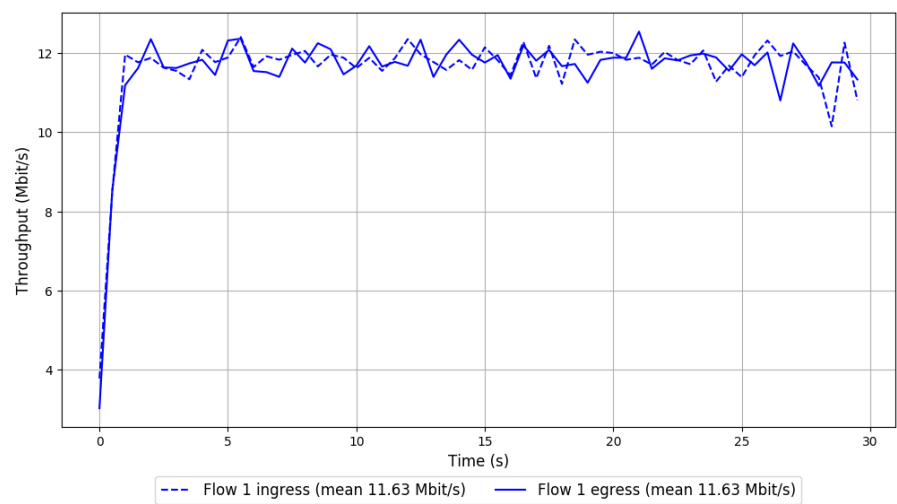


Run 2: Statistics of Sprout

Start at: 2017-09-17 13:04:39
End at: 2017-09-17 13:05:09
Local clock offset: -0.807 ms
Remote clock offset: -0.306 ms

Below is generated by plot.py at 2017-09-17 16:37:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.63 Mbit/s
95th percentile per-packet one-way delay: 54.667 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 11.63 Mbit/s
95th percentile per-packet one-way delay: 54.667 ms
Loss rate: 0.04%

Run 2: Report of Sprout — Data Link

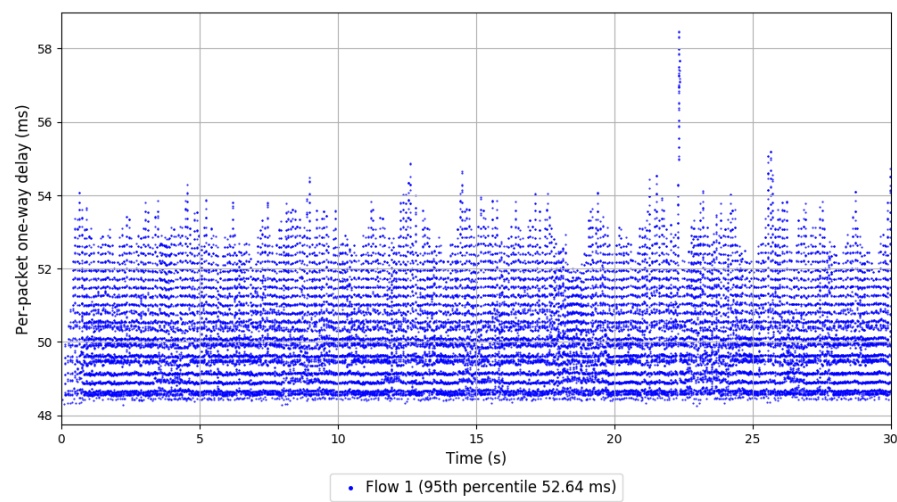
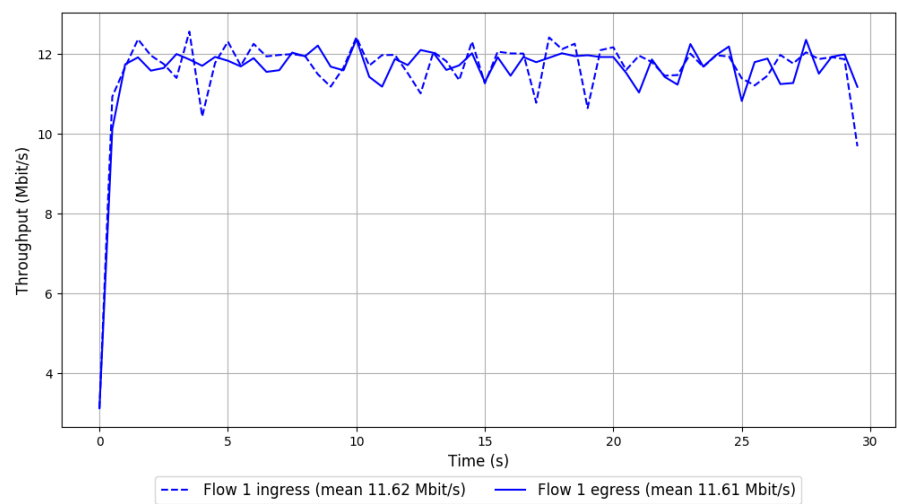


Run 3: Statistics of Sprout

Start at: 2017-09-17 13:24:39
End at: 2017-09-17 13:25:09
Local clock offset: -0.98 ms
Remote clock offset: -2.981 ms

Below is generated by plot.py at 2017-09-17 16:37:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.61 Mbit/s
95th percentile per-packet one-way delay: 52.640 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 11.61 Mbit/s
95th percentile per-packet one-way delay: 52.640 ms
Loss rate: 0.08%

Run 3: Report of Sprout — Data Link

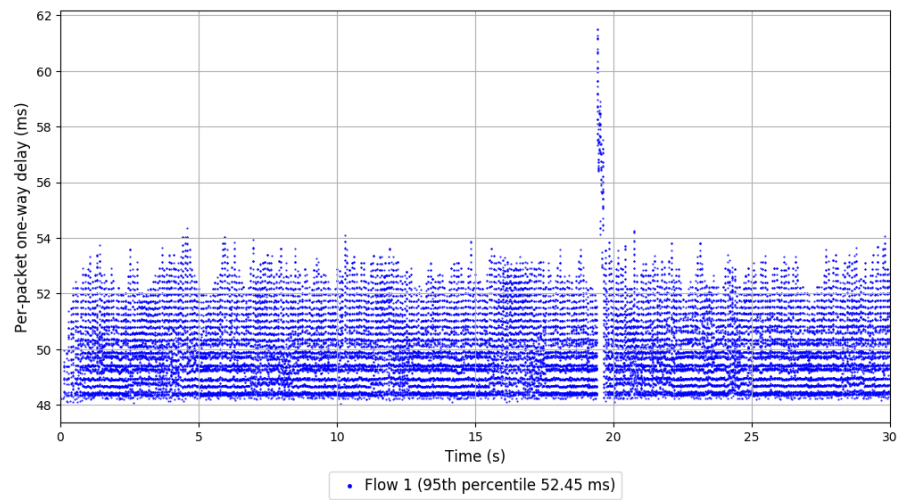
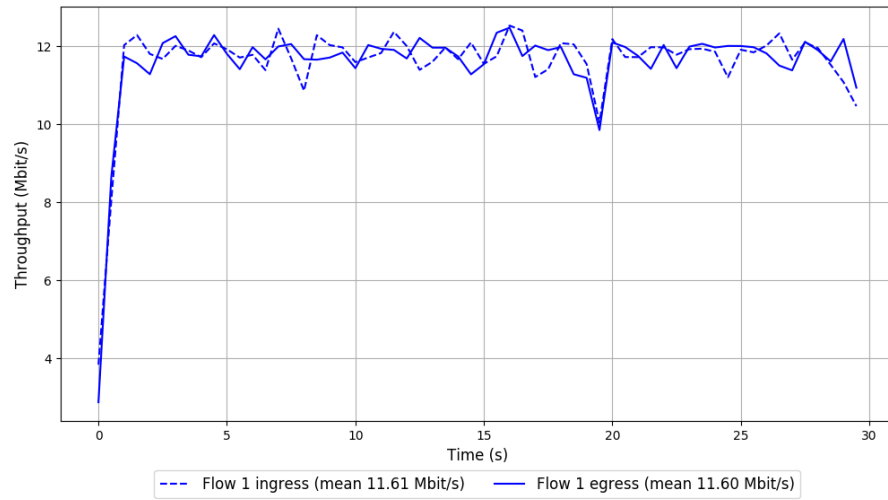


Run 4: Statistics of Sprout

Start at: 2017-09-17 13:44:41
End at: 2017-09-17 13:45:11
Local clock offset: -0.773 ms
Remote clock offset: -3.446 ms

Below is generated by plot.py at 2017-09-17 16:37:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.60 Mbit/s
95th percentile per-packet one-way delay: 52.447 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 11.60 Mbit/s
95th percentile per-packet one-way delay: 52.447 ms
Loss rate: 0.10%

Run 4: Report of Sprout — Data Link

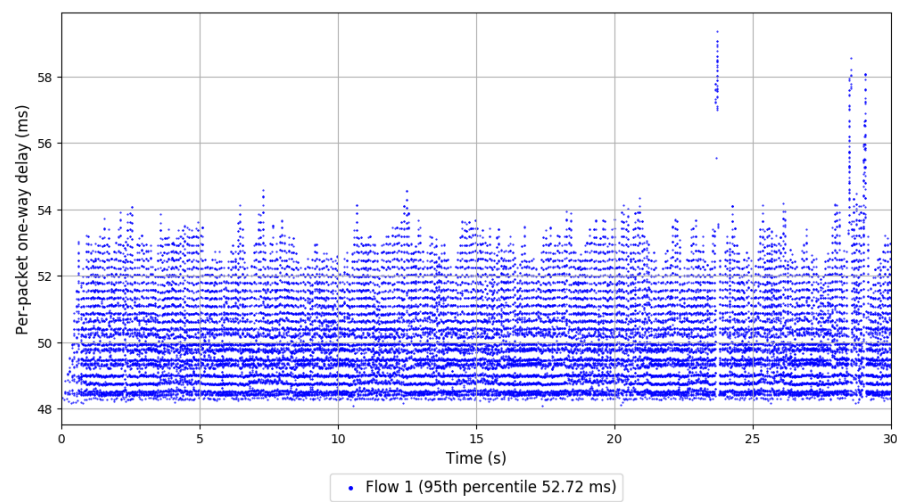
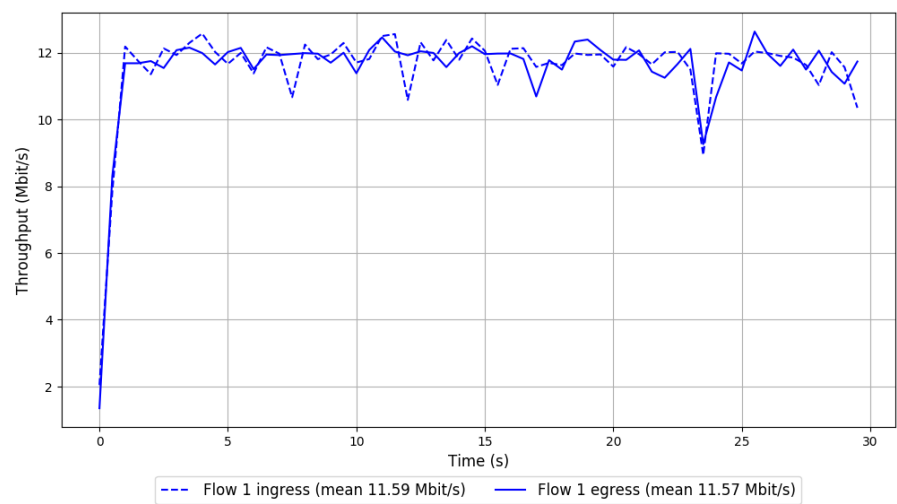


Run 5: Statistics of Sprout

Start at: 2017-09-17 14:04:37
End at: 2017-09-17 14:05:07
Local clock offset: -0.634 ms
Remote clock offset: -3.725 ms

Below is generated by plot.py at 2017-09-17 16:37:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.57 Mbit/s
95th percentile per-packet one-way delay: 52.717 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 11.57 Mbit/s
95th percentile per-packet one-way delay: 52.717 ms
Loss rate: 0.18%

Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

Start at: 2017-09-17 14:24:42

End at: 2017-09-17 14:25:12

Local clock offset: -0.607 ms

Remote clock offset: -3.99 ms

Below is generated by plot.py at 2017-09-17 16:37:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.72 Mbit/s

95th percentile per-packet one-way delay: 51.494 ms

Loss rate: 0.11%

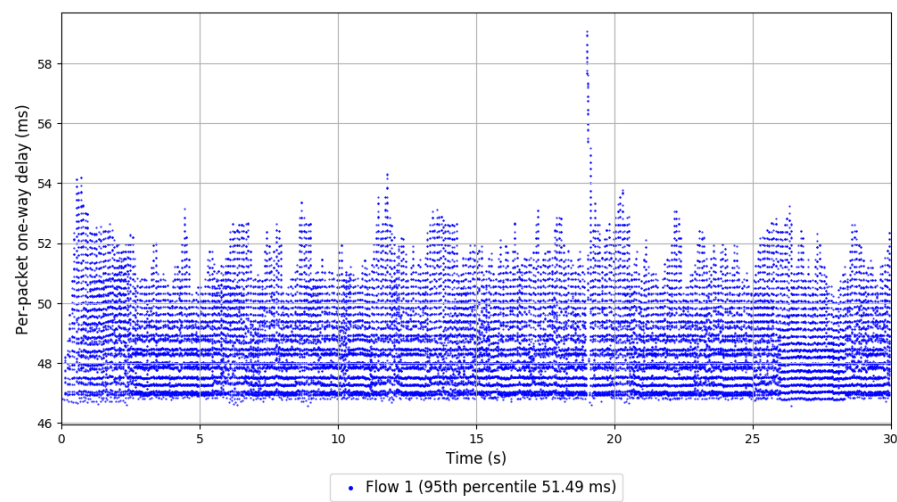
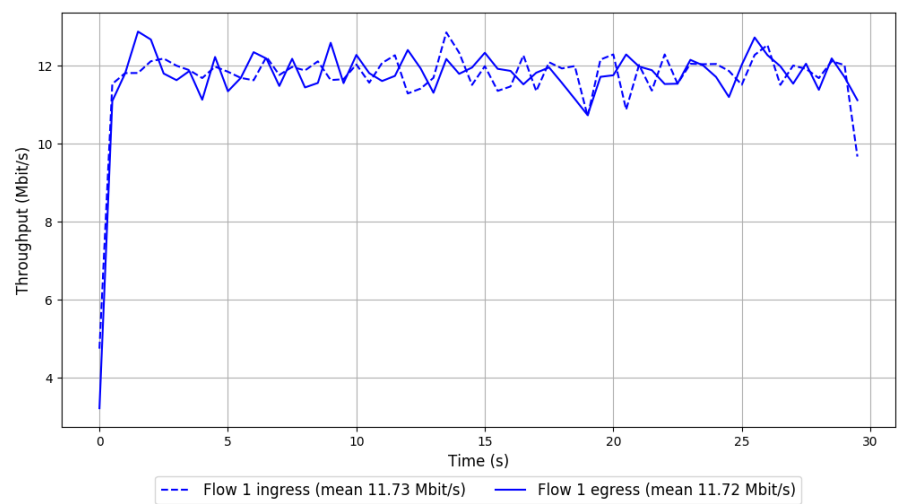
-- Flow 1:

Average throughput: 11.72 Mbit/s

95th percentile per-packet one-way delay: 51.494 ms

Loss rate: 0.11%

Run 6: Report of Sprout — Data Link

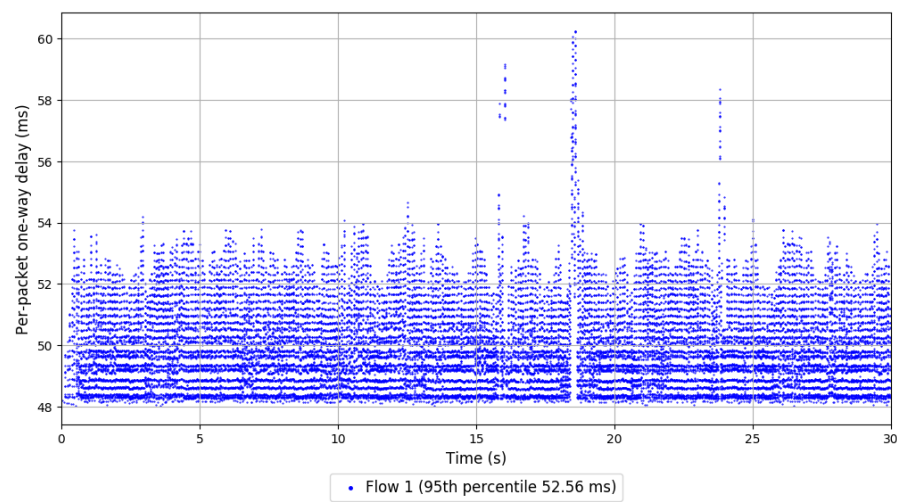
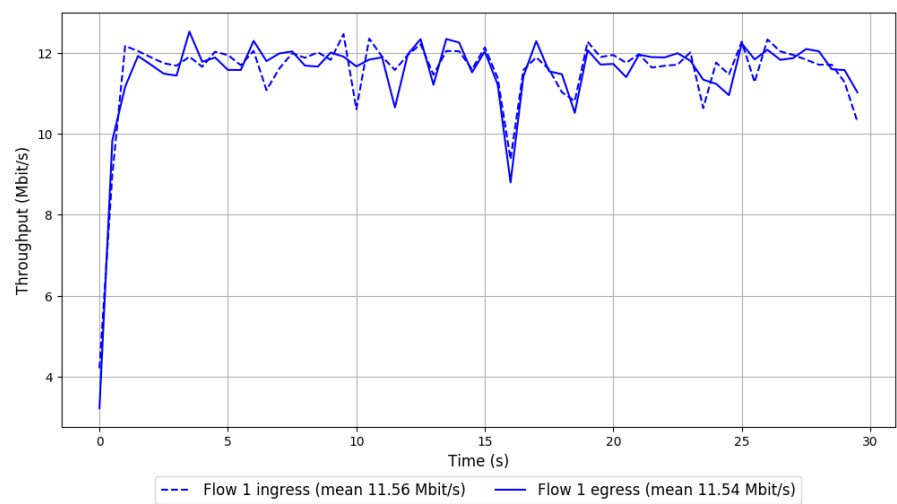


Run 7: Statistics of Sprout

Start at: 2017-09-17 14:44:42
End at: 2017-09-17 14:45:12
Local clock offset: -0.456 ms
Remote clock offset: -3.804 ms

Below is generated by plot.py at 2017-09-17 16:37:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.54 Mbit/s
95th percentile per-packet one-way delay: 52.558 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 11.54 Mbit/s
95th percentile per-packet one-way delay: 52.558 ms
Loss rate: 0.18%

Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

Start at: 2017-09-17 15:04:56

End at: 2017-09-17 15:05:26

Local clock offset: -0.283 ms

Remote clock offset: -1.18 ms

Below is generated by plot.py at 2017-09-17 16:37:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.48 Mbit/s

95th percentile per-packet one-way delay: 54.866 ms

Loss rate: 0.42%

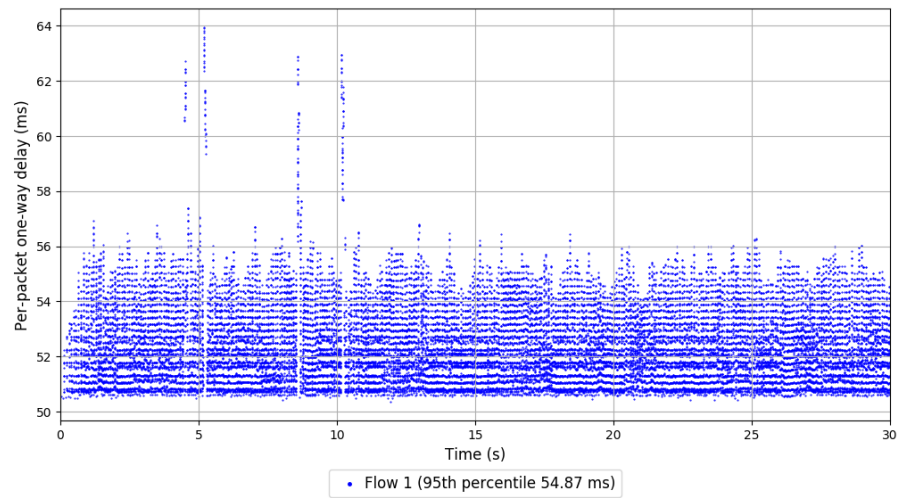
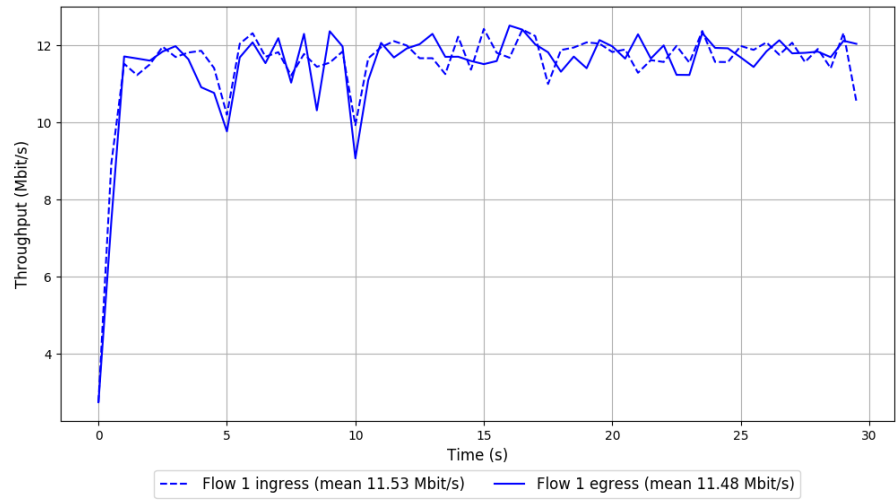
-- Flow 1:

Average throughput: 11.48 Mbit/s

95th percentile per-packet one-way delay: 54.866 ms

Loss rate: 0.42%

Run 8: Report of Sprout — Data Link

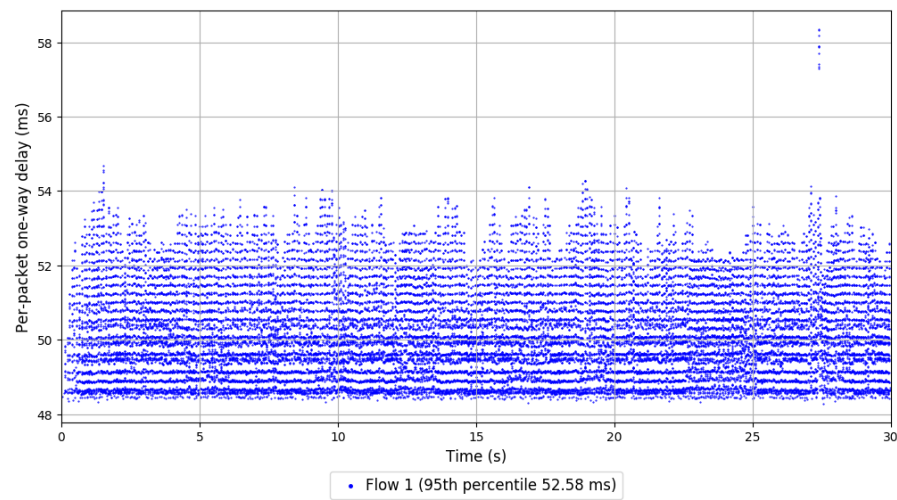
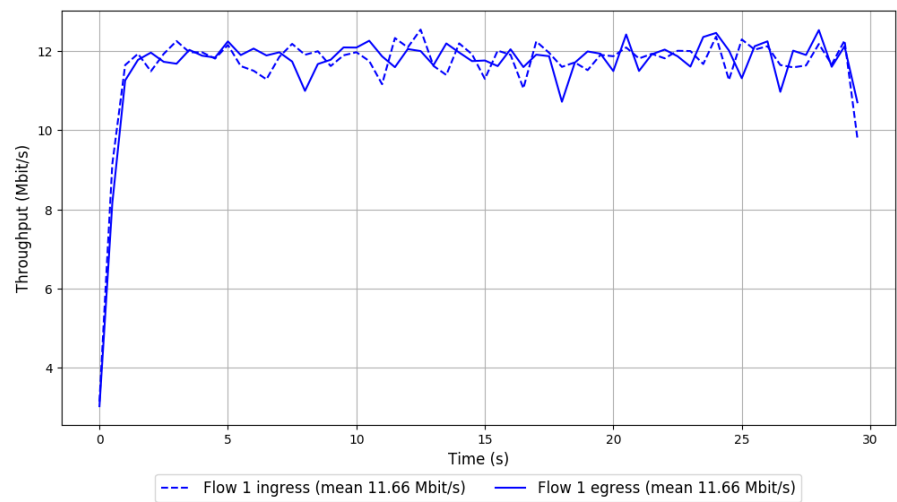


Run 9: Statistics of Sprout

Start at: 2017-09-17 15:25:01
End at: 2017-09-17 15:25:31
Local clock offset: -0.099 ms
Remote clock offset: -3.069 ms

Below is generated by plot.py at 2017-09-17 16:37:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.66 Mbit/s
95th percentile per-packet one-way delay: 52.583 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 11.66 Mbit/s
95th percentile per-packet one-way delay: 52.583 ms
Loss rate: 0.02%

Run 9: Report of Sprout — Data Link

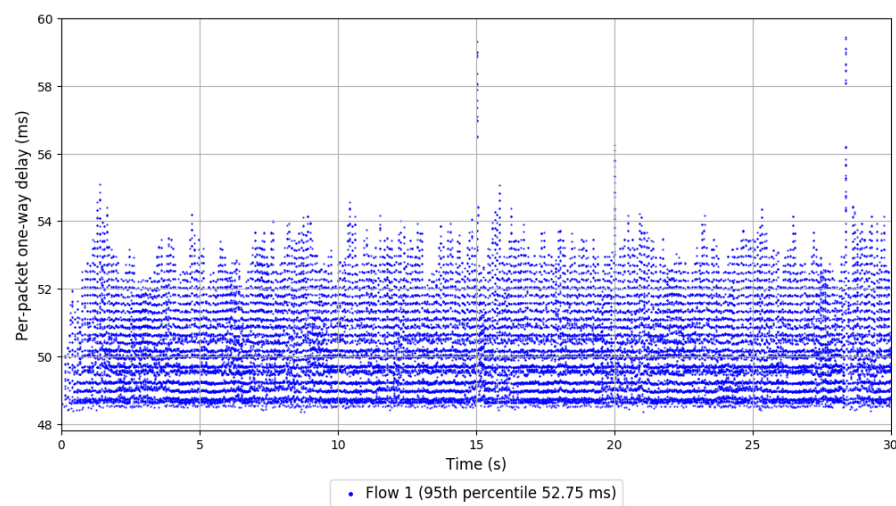
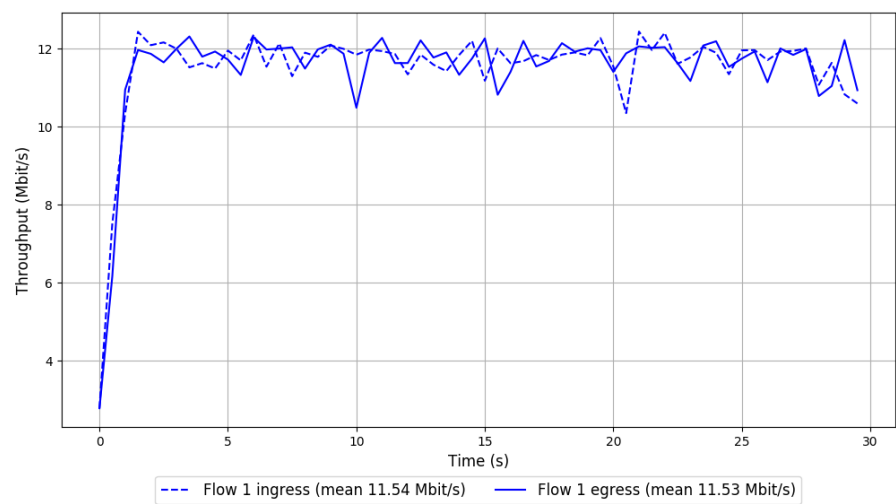


Run 10: Statistics of Sprout

Start at: 2017-09-17 15:45:24
End at: 2017-09-17 15:45:54
Local clock offset: -0.065 ms
Remote clock offset: -2.934 ms

Below is generated by plot.py at 2017-09-17 16:37:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.53 Mbit/s
95th percentile per-packet one-way delay: 52.753 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 11.53 Mbit/s
95th percentile per-packet one-way delay: 52.753 ms
Loss rate: 0.11%

Run 10: Report of Sprout — Data Link

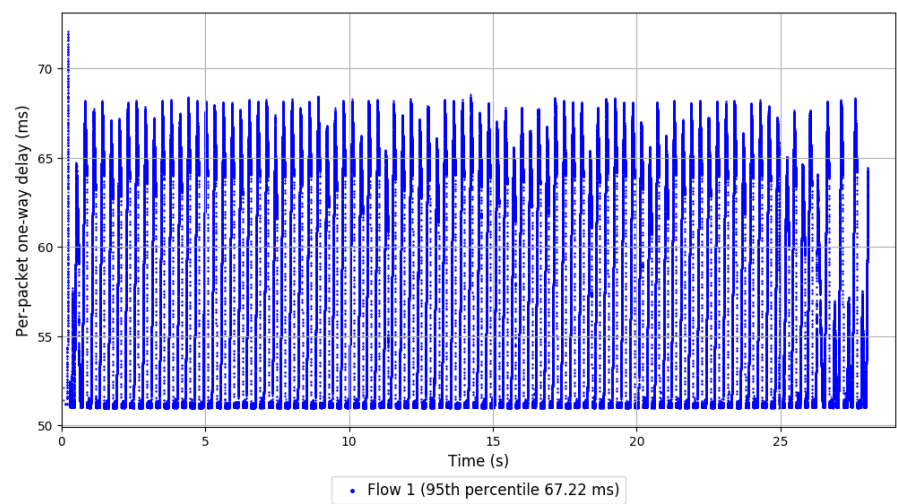
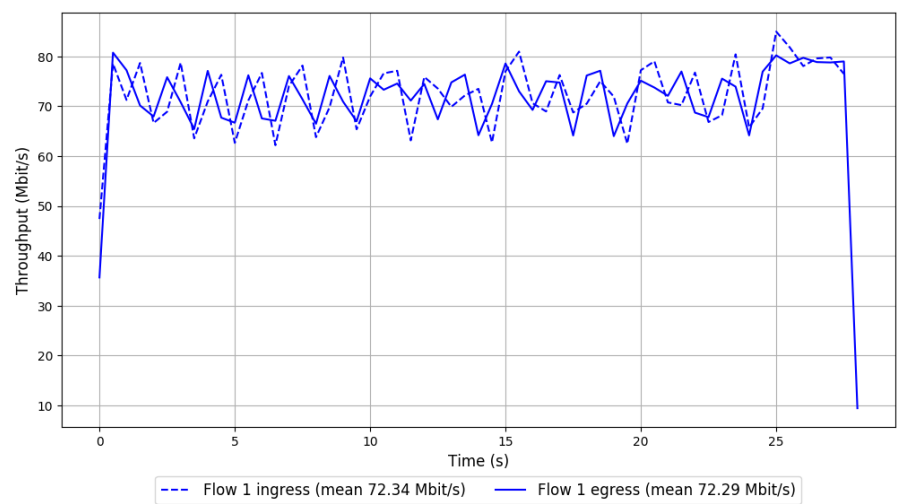


```
Run 1: Statistics of TaoVA-100x

Start at: 2017-09-17 12:51:25
End at: 2017-09-17 12:51:55
Local clock offset: -0.866 ms
Remote clock offset: 0.456 ms

# Below is generated by plot.py at 2017-09-17 16:39:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.29 Mbit/s
95th percentile per-packet one-way delay: 67.222 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 72.29 Mbit/s
95th percentile per-packet one-way delay: 67.222 ms
Loss rate: 0.01%
```

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



Run 2: Statistics of TaoVA-100x

Start at: 2017-09-17 13:11:11

End at: 2017-09-17 13:11:41

Local clock offset: -0.936 ms

Remote clock offset: 0.064 ms

Below is generated by plot.py at 2017-09-17 16:39:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.89 Mbit/s

95th percentile per-packet one-way delay: 66.897 ms

Loss rate: 0.02%

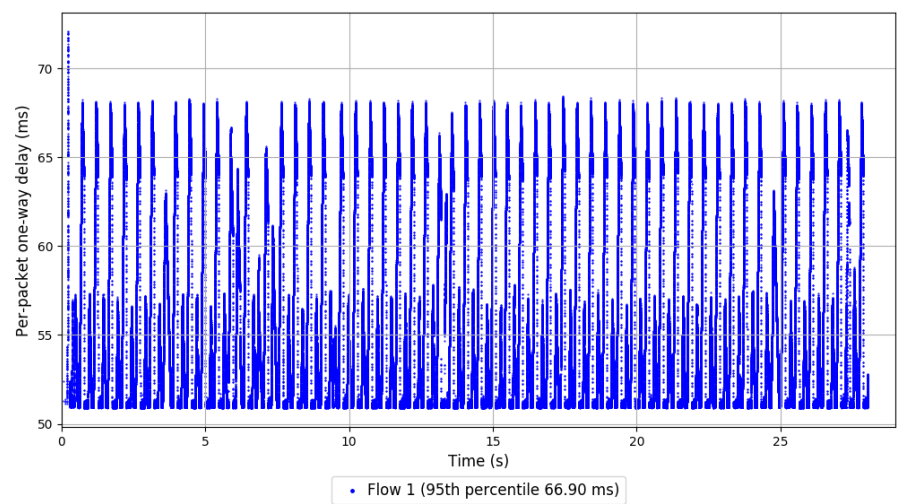
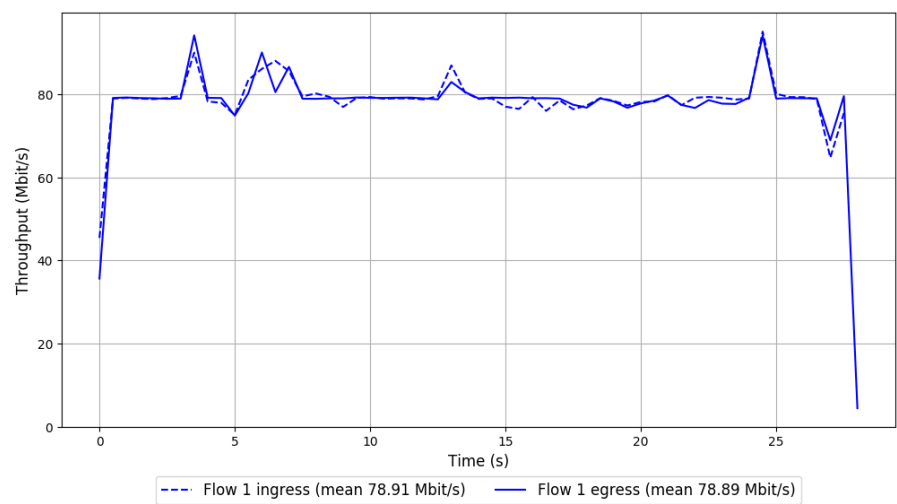
-- Flow 1:

Average throughput: 78.89 Mbit/s

95th percentile per-packet one-way delay: 66.897 ms

Loss rate: 0.02%

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

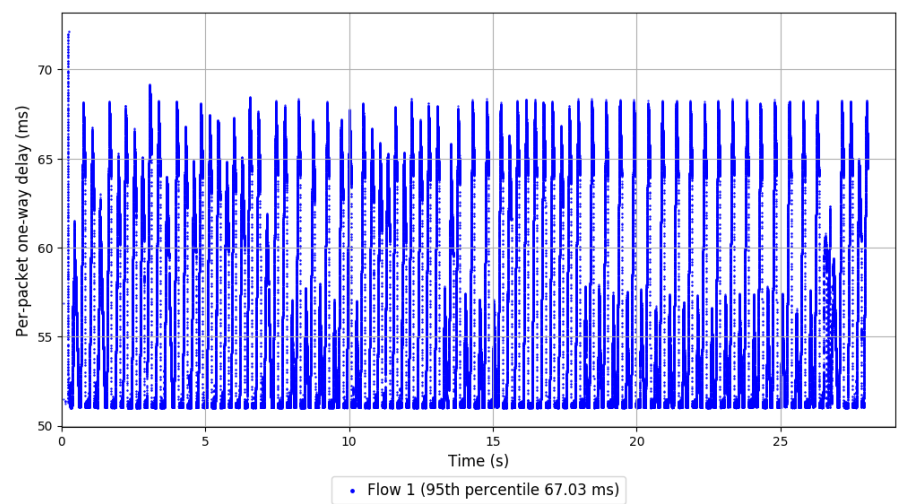
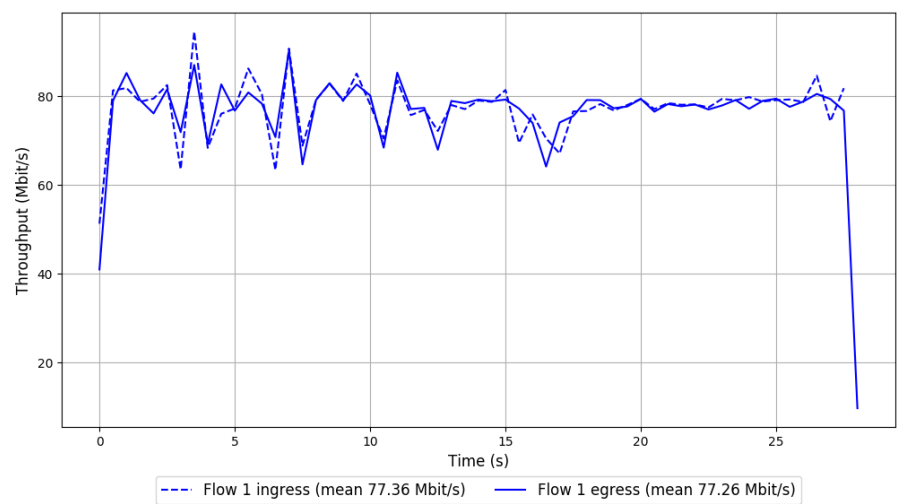


Run 3: Statistics of TaoVA-100x

Start at: 2017-09-17 13:31:12
End at: 2017-09-17 13:31:42
Local clock offset: -0.945 ms
Remote clock offset: -0.568 ms

Below is generated by plot.py at 2017-09-17 16:39:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.26 Mbit/s
95th percentile per-packet one-way delay: 67.026 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 77.26 Mbit/s
95th percentile per-packet one-way delay: 67.026 ms
Loss rate: 0.11%

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



Run 4: Statistics of TaoVA-100x

Start at: 2017-09-17 13:51:07

End at: 2017-09-17 13:51:37

Local clock offset: -0.83 ms

Remote clock offset: -1.466 ms

Below is generated by plot.py at 2017-09-17 16:39:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 74.62 Mbit/s

95th percentile per-packet one-way delay: 66.641 ms

Loss rate: 0.01%

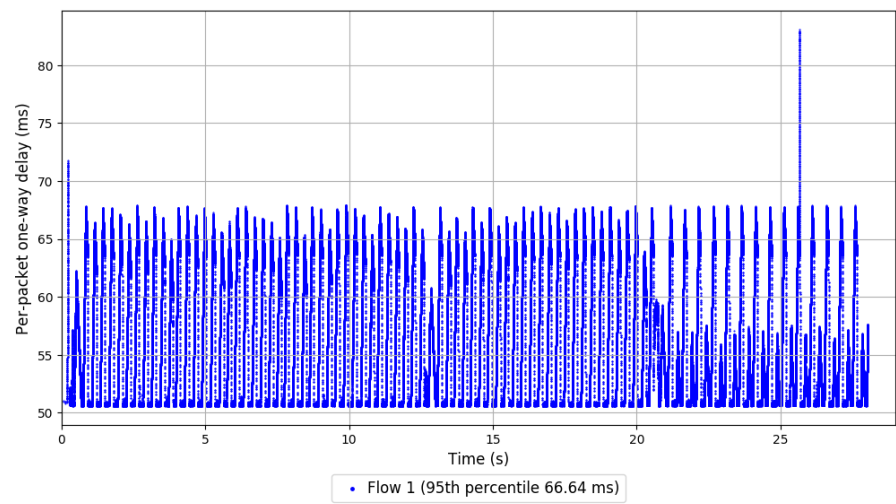
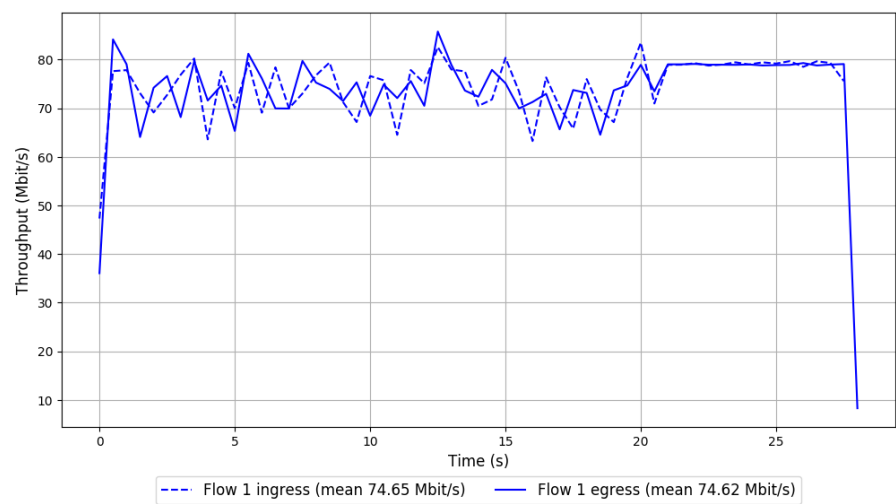
-- Flow 1:

Average throughput: 74.62 Mbit/s

95th percentile per-packet one-way delay: 66.641 ms

Loss rate: 0.01%

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

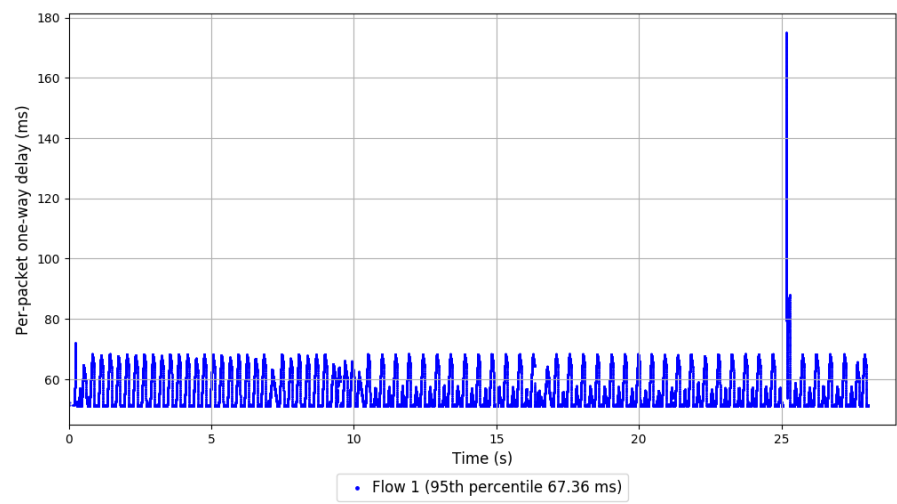
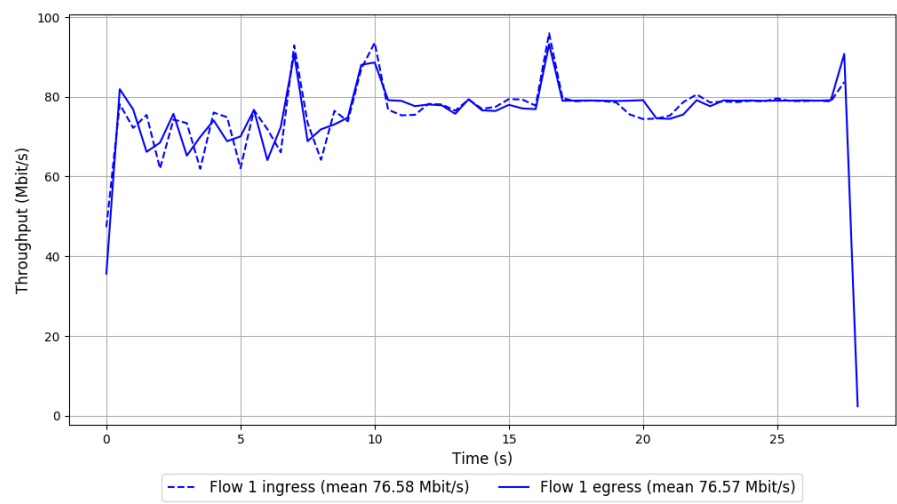


Run 5: Statistics of TaoVA-100x

Start at: 2017-09-17 14:11:10
End at: 2017-09-17 14:11:40
Local clock offset: -0.7 ms
Remote clock offset: -1.325 ms

Below is generated by plot.py at 2017-09-17 16:39:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.57 Mbit/s
95th percentile per-packet one-way delay: 67.361 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 76.57 Mbit/s
95th percentile per-packet one-way delay: 67.361 ms
Loss rate: 0.03%

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

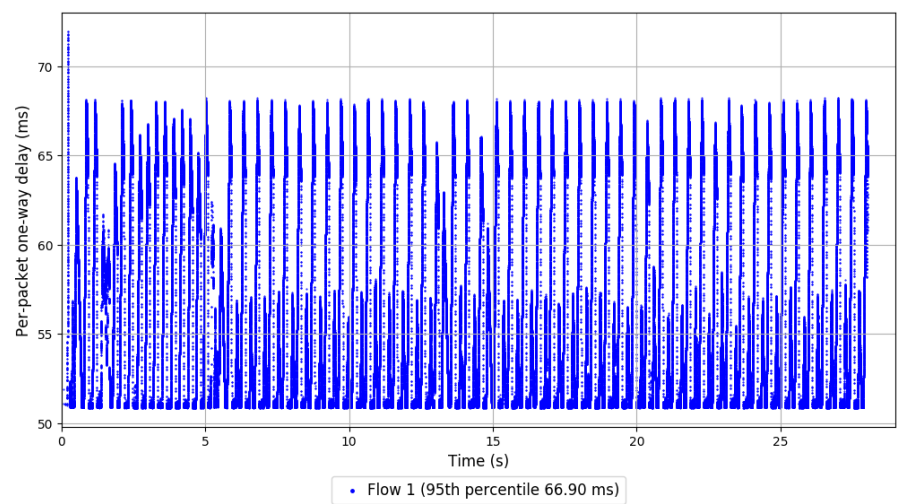
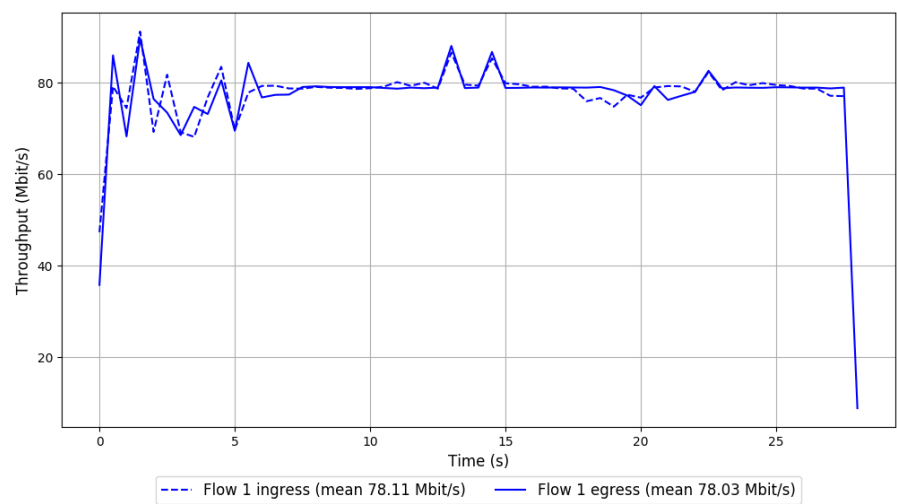


Run 6: Statistics of TaoVA-100x

Start at: 2017-09-17 14:31:07
End at: 2017-09-17 14:31:37
Local clock offset: -0.461 ms
Remote clock offset: -1.414 ms

Below is generated by plot.py at 2017-09-17 16:39:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.03 Mbit/s
95th percentile per-packet one-way delay: 66.904 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 78.03 Mbit/s
95th percentile per-packet one-way delay: 66.904 ms
Loss rate: 0.07%

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

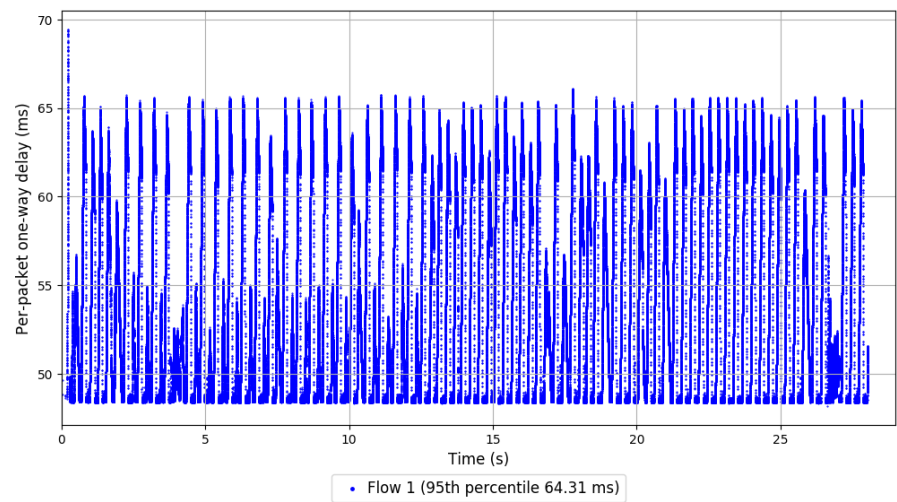
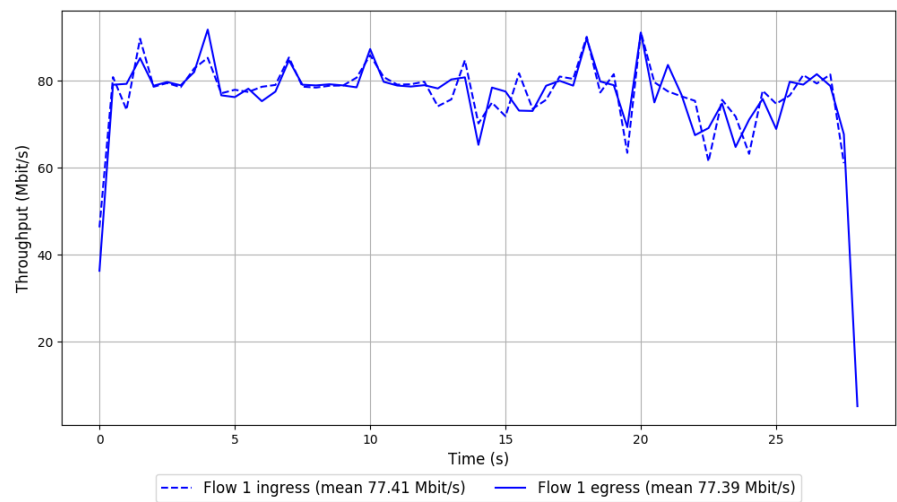


Run 7: Statistics of TaoVA-100x

Start at: 2017-09-17 14:51:19
End at: 2017-09-17 14:51:49
Local clock offset: -0.372 ms
Remote clock offset: -3.584 ms

Below is generated by plot.py at 2017-09-17 16:39:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.39 Mbit/s
95th percentile per-packet one-way delay: 64.312 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 77.39 Mbit/s
95th percentile per-packet one-way delay: 64.312 ms
Loss rate: 0.01%

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

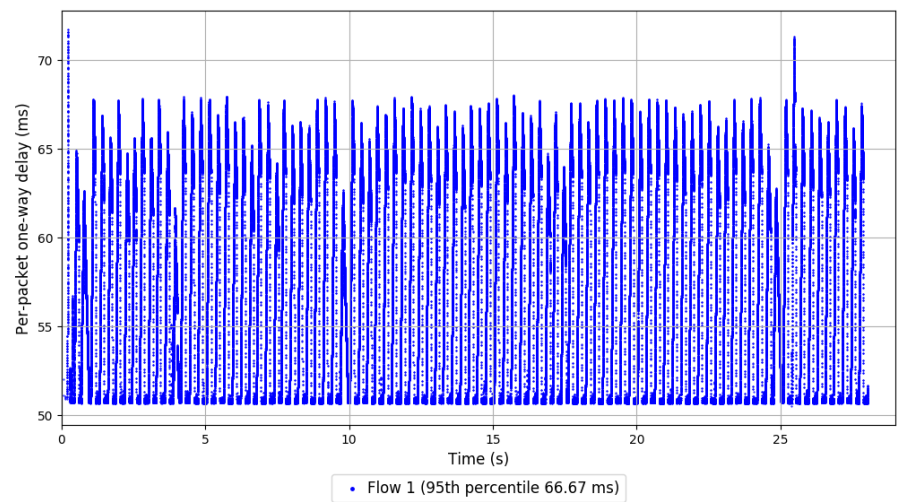
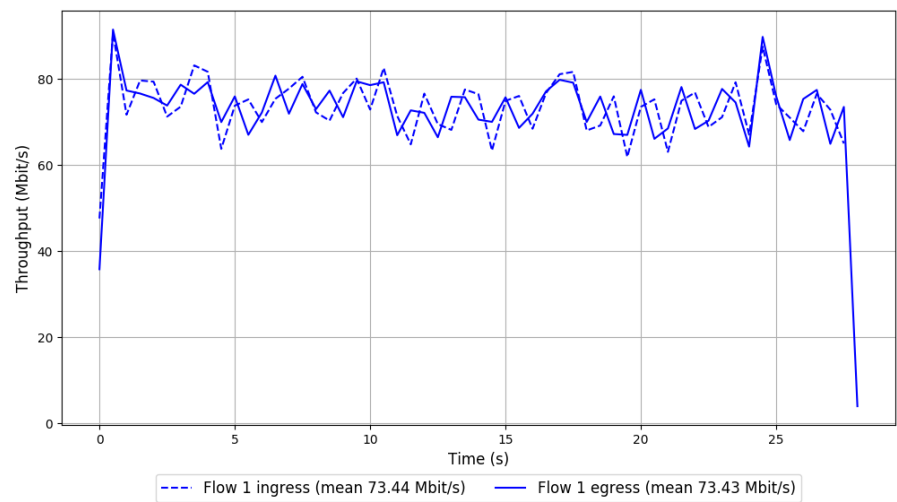


Run 8: Statistics of TaoVA-100x

Start at: 2017-09-17 15:11:30
End at: 2017-09-17 15:12:00
Local clock offset: -0.259 ms
Remote clock offset: -0.757 ms

Below is generated by plot.py at 2017-09-17 16:39:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 73.43 Mbit/s
95th percentile per-packet one-way delay: 66.667 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 73.43 Mbit/s
95th percentile per-packet one-way delay: 66.667 ms
Loss rate: 0.03%

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



Run 9: Statistics of TaoVA-100x

Start at: 2017-09-17 15:31:33

End at: 2017-09-17 15:32:03

Local clock offset: -0.147 ms

Remote clock offset: -3.065 ms

Below is generated by plot.py at 2017-09-17 16:41:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.63 Mbit/s

95th percentile per-packet one-way delay: 62.608 ms

Loss rate: 0.02%

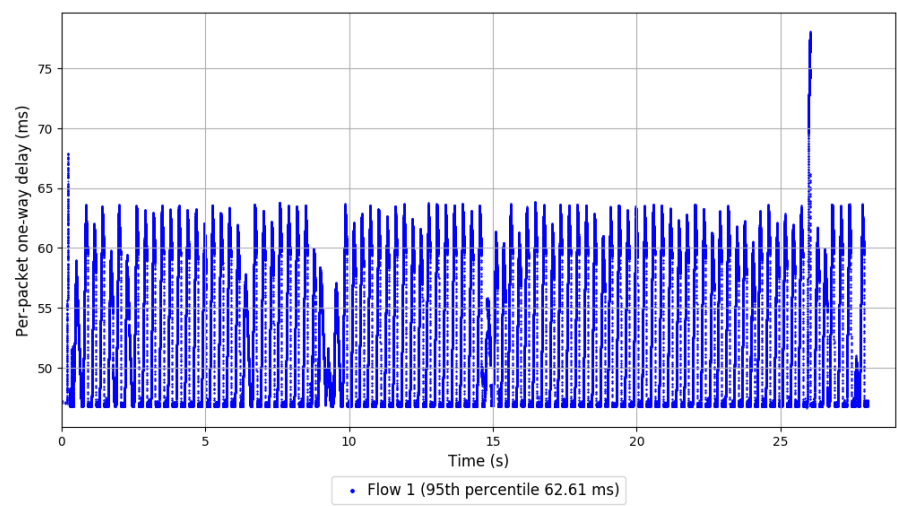
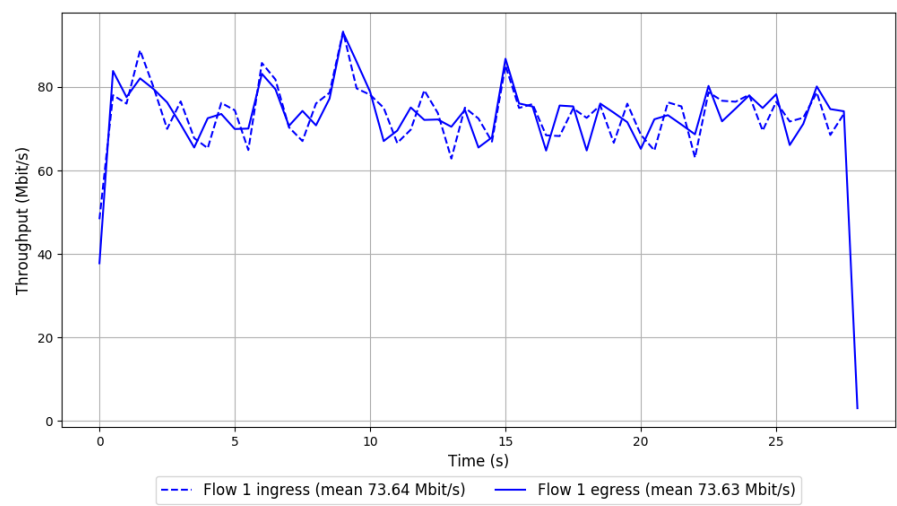
-- Flow 1:

Average throughput: 73.63 Mbit/s

95th percentile per-packet one-way delay: 62.608 ms

Loss rate: 0.02%

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



Run 10: Statistics of TaoVA-100x

Start at: 2017-09-17 15:52:05

End at: 2017-09-17 15:52:35

Local clock offset: -0.029 ms

Remote clock offset: -0.885 ms

Below is generated by plot.py at 2017-09-17 16:41:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.34 Mbit/s

95th percentile per-packet one-way delay: 66.533 ms

Loss rate: 0.00%

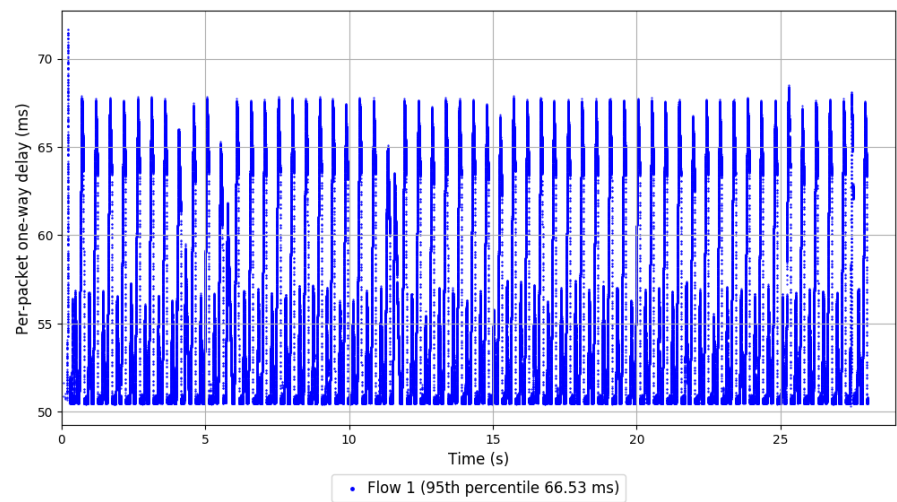
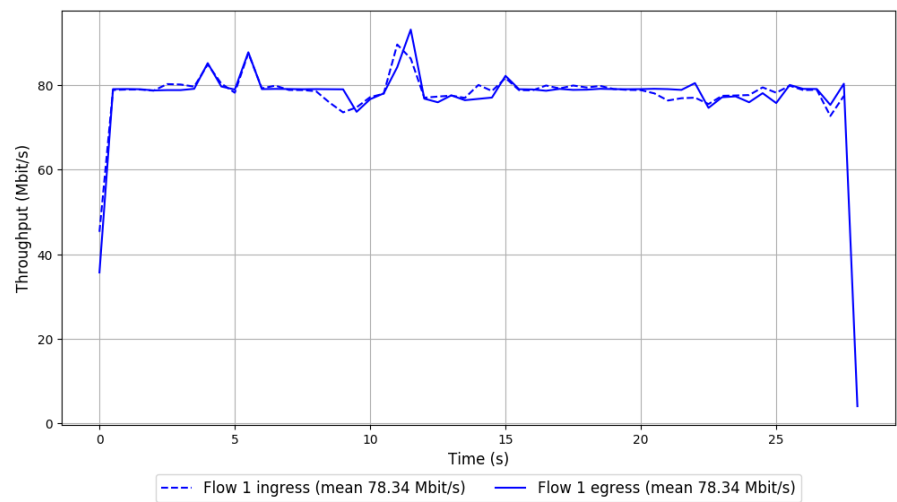
-- Flow 1:

Average throughput: 78.34 Mbit/s

95th percentile per-packet one-way delay: 66.533 ms

Loss rate: 0.00%

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

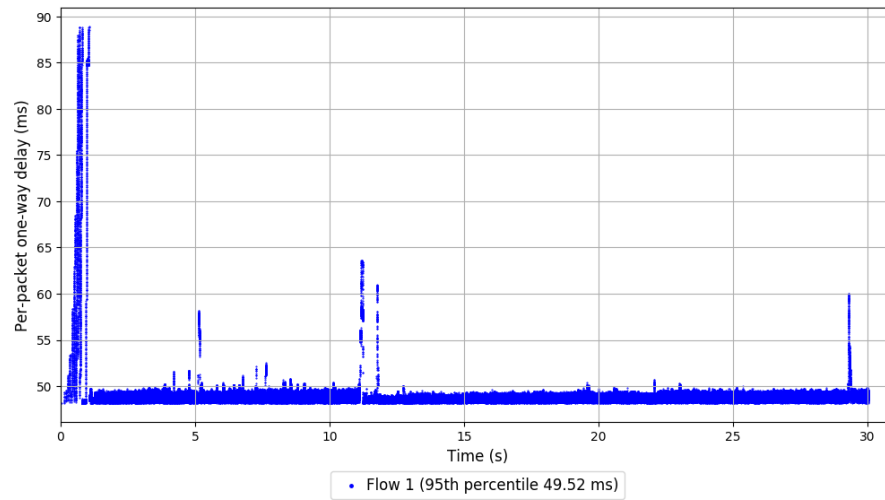
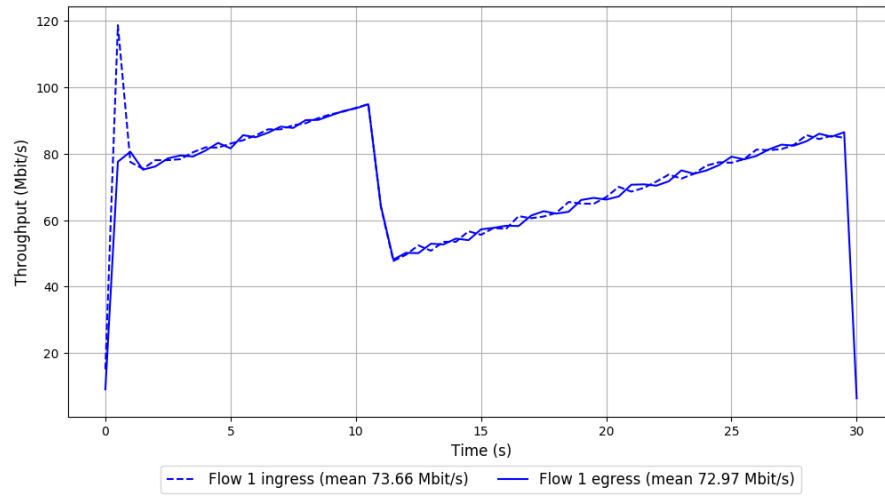


Run 1: Statistics of TCP Vegas

Start at: 2017-09-17 12:34:06
End at: 2017-09-17 12:34:36
Local clock offset: -1.104 ms
Remote clock offset: -1.911 ms

Below is generated by plot.py at 2017-09-17 16:41:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 72.97 Mbit/s
95th percentile per-packet one-way delay: 49.520 ms
Loss rate: 0.94%
-- Flow 1:
Average throughput: 72.97 Mbit/s
95th percentile per-packet one-way delay: 49.520 ms
Loss rate: 0.94%

Run 1: Report of TCP Vegas — Data Link

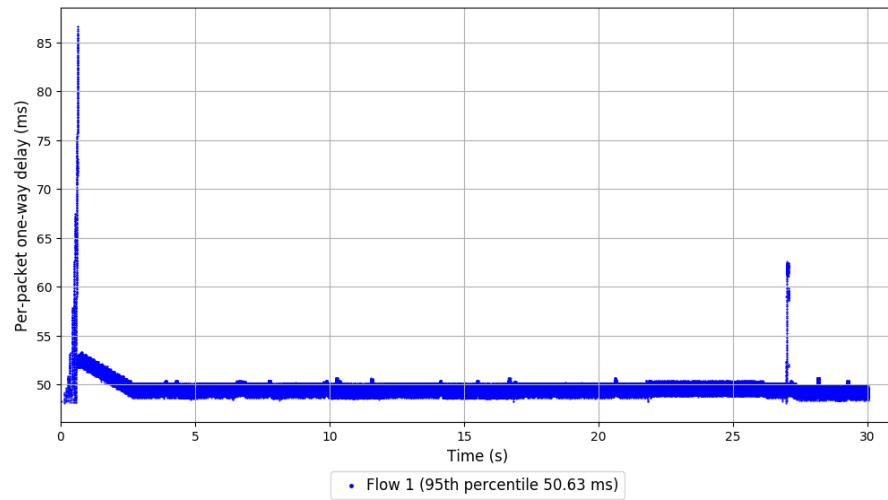
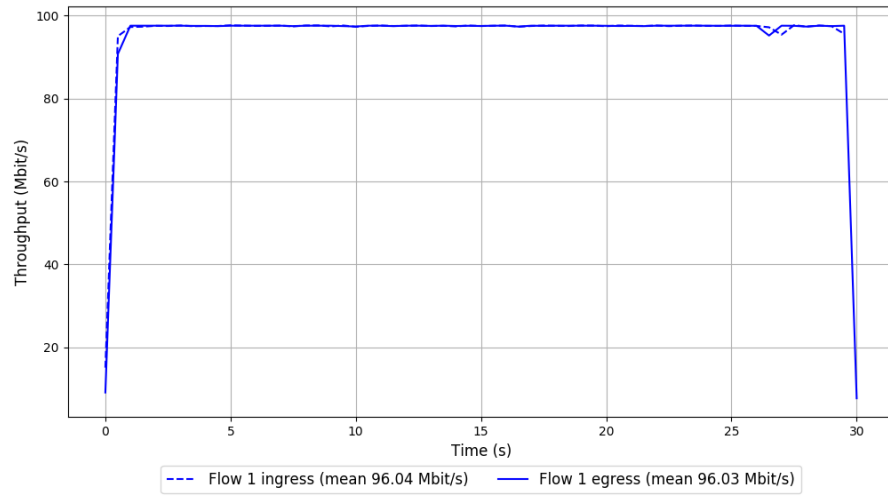


Run 2: Statistics of TCP Vegas

Start at: 2017-09-17 12:54:03
End at: 2017-09-17 12:54:33
Local clock offset: -0.756 ms
Remote clock offset: -2.143 ms

Below is generated by plot.py at 2017-09-17 16:41:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.03 Mbit/s
95th percentile per-packet one-way delay: 50.630 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.03 Mbit/s
95th percentile per-packet one-way delay: 50.630 ms
Loss rate: 0.00%

Run 2: Report of TCP Vegas — Data Link

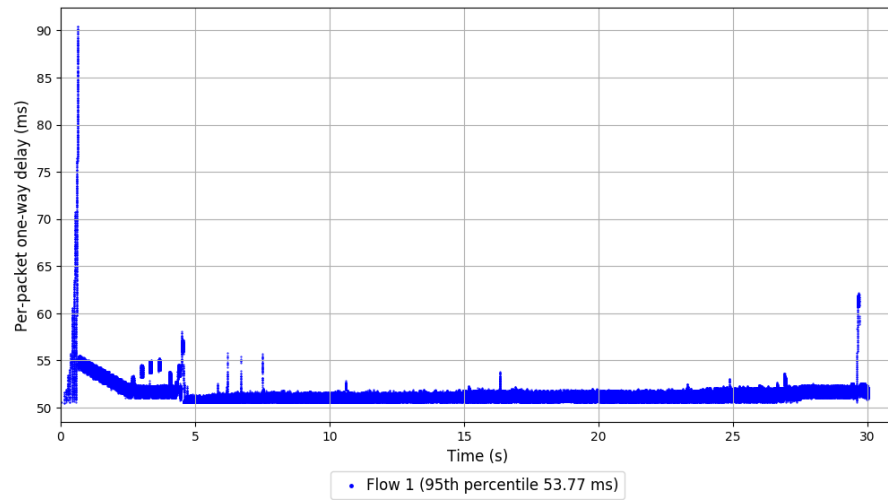
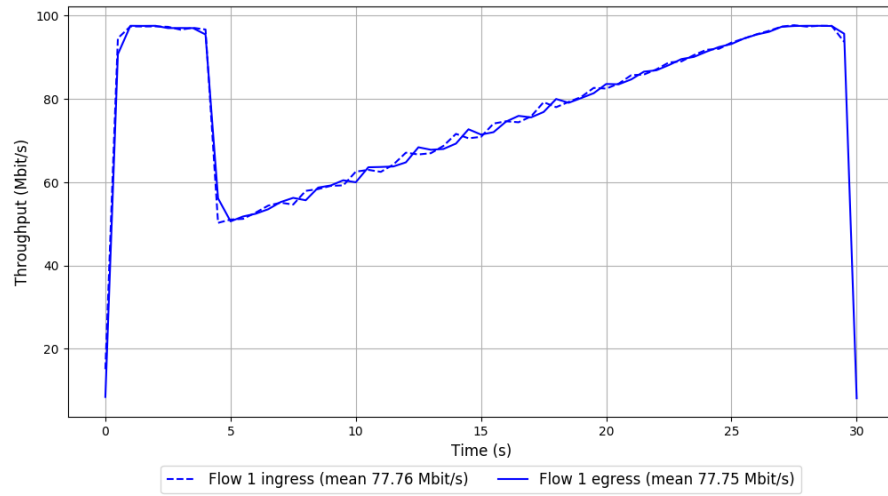


Run 3: Statistics of TCP Vegas

Start at: 2017-09-17 13:13:54
End at: 2017-09-17 13:14:24
Local clock offset: -0.954 ms
Remote clock offset: -0.564 ms

Below is generated by plot.py at 2017-09-17 16:41:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.75 Mbit/s
95th percentile per-packet one-way delay: 53.766 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 77.75 Mbit/s
95th percentile per-packet one-way delay: 53.766 ms
Loss rate: 0.01%

Run 3: Report of TCP Vegas — Data Link

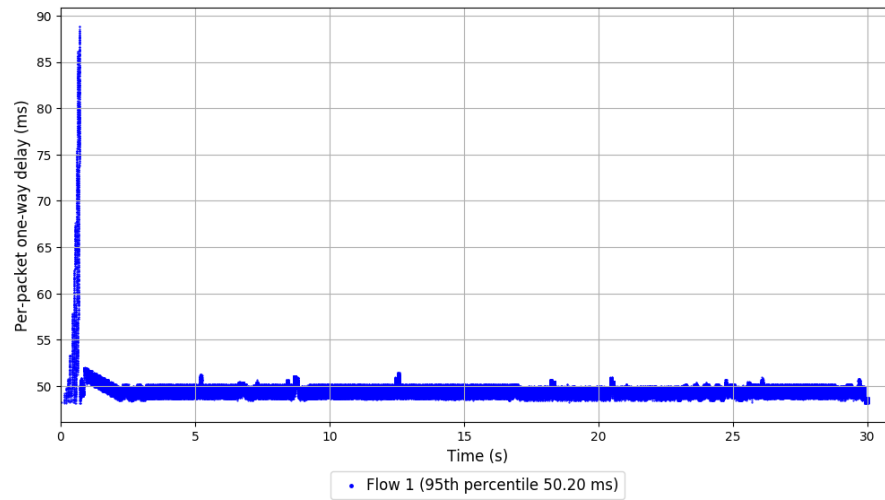
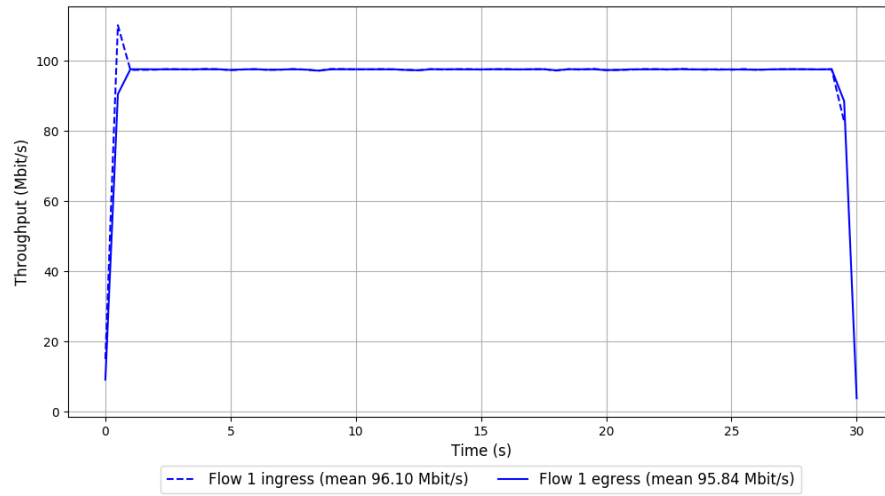


Run 4: Statistics of TCP Vegas

Start at: 2017-09-17 13:33:56
End at: 2017-09-17 13:34:26
Local clock offset: -0.82 ms
Remote clock offset: -3.159 ms

Below is generated by plot.py at 2017-09-17 16:41:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.84 Mbit/s
95th percentile per-packet one-way delay: 50.203 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 95.84 Mbit/s
95th percentile per-packet one-way delay: 50.203 ms
Loss rate: 0.27%

Run 4: Report of TCP Vegas — Data Link

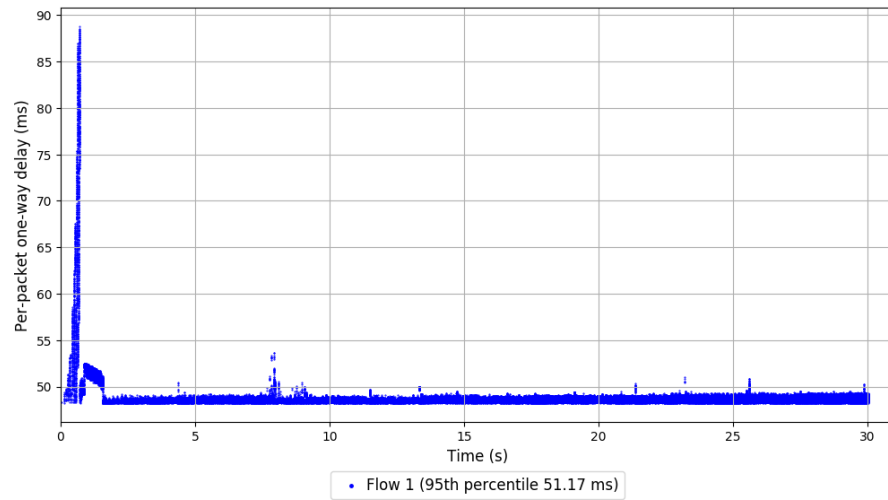
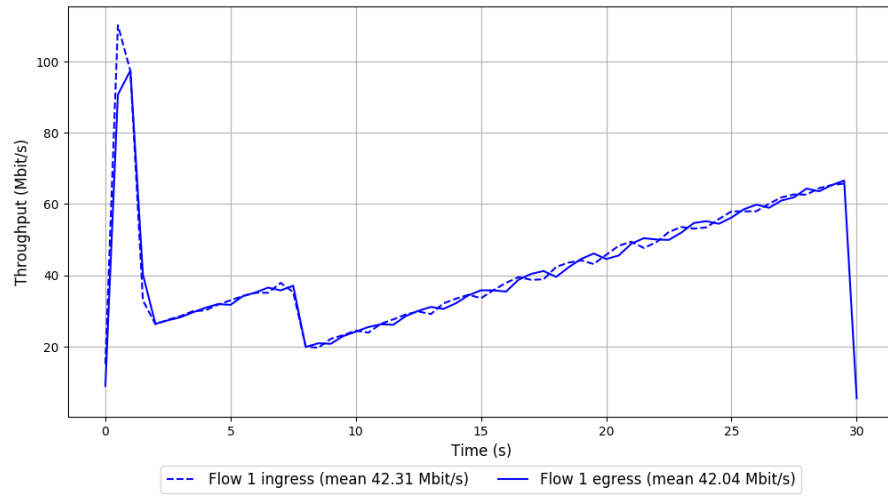


Run 5: Statistics of TCP Vegas

Start at: 2017-09-17 13:53:51
End at: 2017-09-17 13:54:21
Local clock offset: -0.703 ms
Remote clock offset: -3.546 ms

Below is generated by plot.py at 2017-09-17 16:41:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 42.04 Mbit/s
95th percentile per-packet one-way delay: 51.171 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 42.04 Mbit/s
95th percentile per-packet one-way delay: 51.171 ms
Loss rate: 0.63%

Run 5: Report of TCP Vegas — Data Link

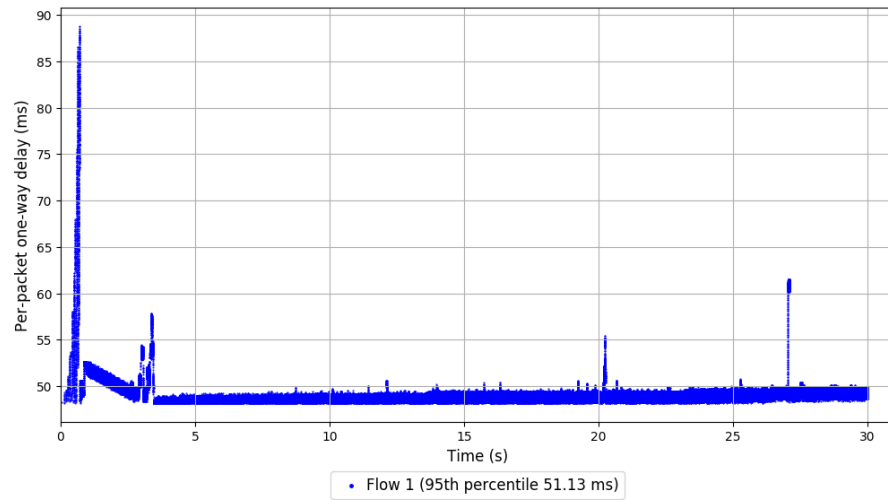
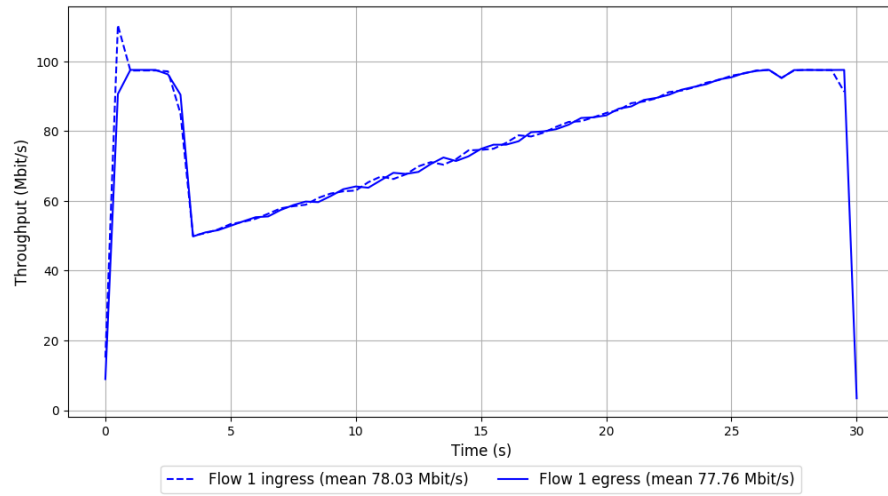


Run 6: Statistics of TCP Vegas

Start at: 2017-09-17 14:13:55
End at: 2017-09-17 14:14:25
Local clock offset: -0.687 ms
Remote clock offset: -3.984 ms

Below is generated by plot.py at 2017-09-17 16:41:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.76 Mbit/s
95th percentile per-packet one-way delay: 51.133 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 77.76 Mbit/s
95th percentile per-packet one-way delay: 51.133 ms
Loss rate: 0.34%

Run 6: Report of TCP Vegas — Data Link

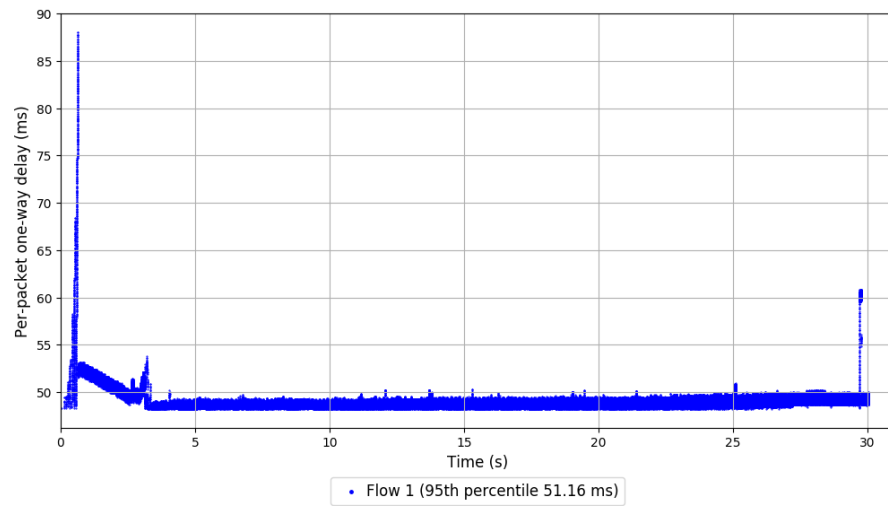
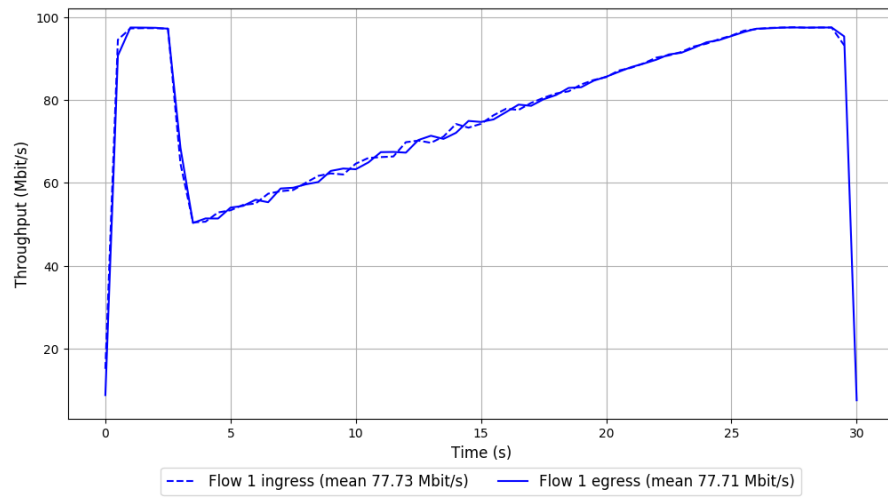


Run 7: Statistics of TCP Vegas

Start at: 2017-09-17 14:33:51
End at: 2017-09-17 14:34:21
Local clock offset: -0.42 ms
Remote clock offset: -4.025 ms

Below is generated by plot.py at 2017-09-17 16:41:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.71 Mbit/s
95th percentile per-packet one-way delay: 51.159 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 77.71 Mbit/s
95th percentile per-packet one-way delay: 51.159 ms
Loss rate: 0.02%

Run 7: Report of TCP Vegas — Data Link



Run 8: Statistics of TCP Vegas

Start at: 2017-09-17 14:54:07

End at: 2017-09-17 14:54:37

Local clock offset: -0.38 ms

Remote clock offset: -3.52 ms

Below is generated by plot.py at 2017-09-17 16:41:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.99 Mbit/s

95th percentile per-packet one-way delay: 51.899 ms

Loss rate: 0.34%

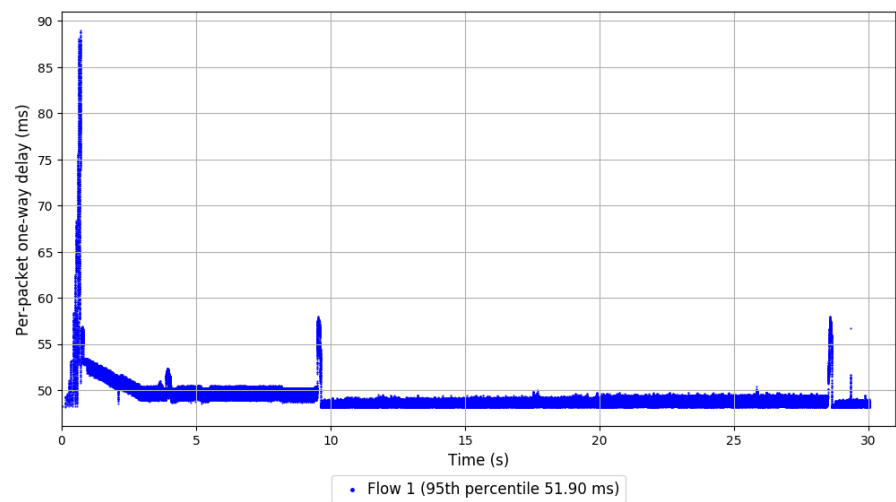
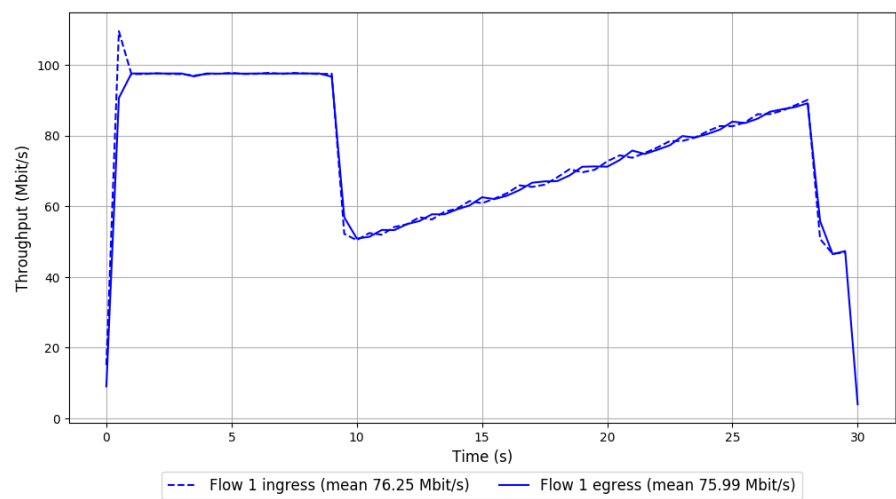
-- Flow 1:

Average throughput: 75.99 Mbit/s

95th percentile per-packet one-way delay: 51.899 ms

Loss rate: 0.34%

Run 8: Report of TCP Vegas — Data Link



Run 9: Statistics of TCP Vegas

Start at: 2017-09-17 15:14:14

End at: 2017-09-17 15:14:44

Local clock offset: -0.234 ms

Remote clock offset: -1.08 ms

Below is generated by plot.py at 2017-09-17 16:41:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.88 Mbit/s

95th percentile per-packet one-way delay: 53.540 ms

Loss rate: 0.33%

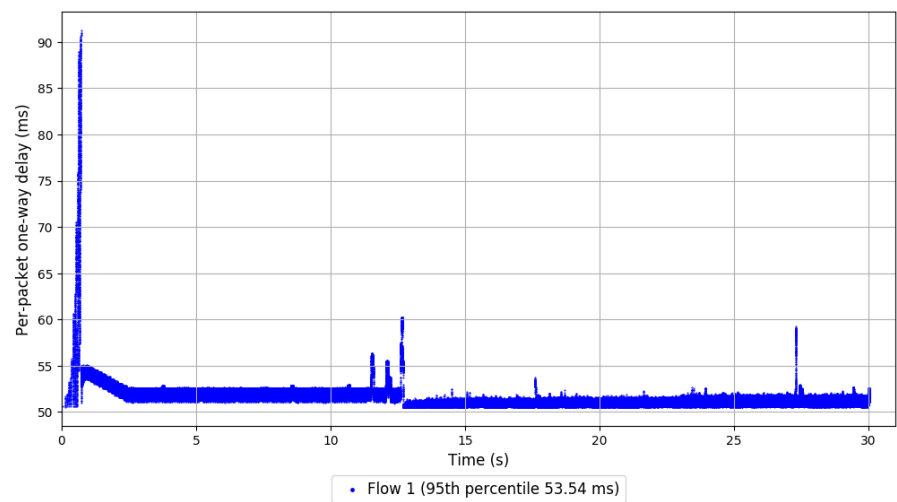
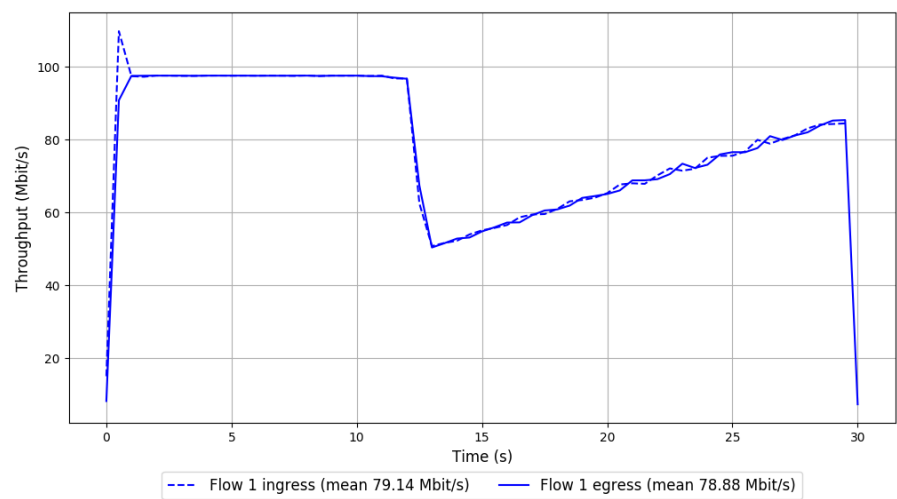
-- Flow 1:

Average throughput: 78.88 Mbit/s

95th percentile per-packet one-way delay: 53.540 ms

Loss rate: 0.33%

Run 9: Report of TCP Vegas — Data Link

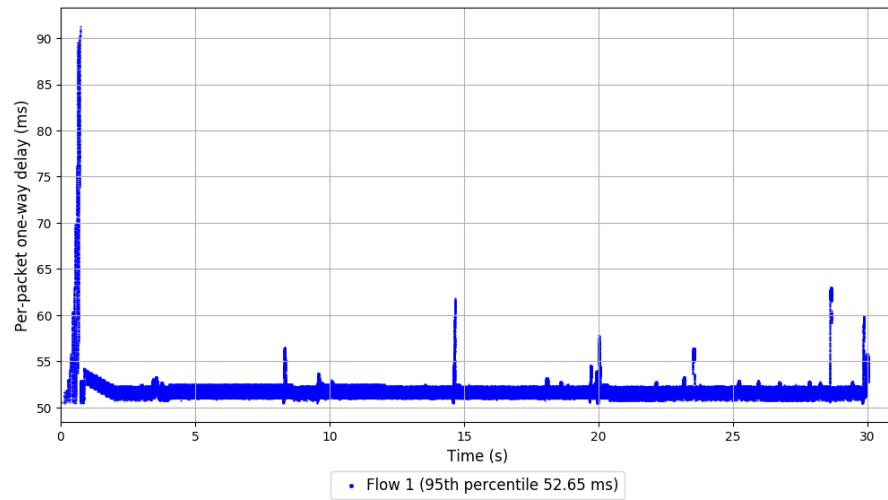
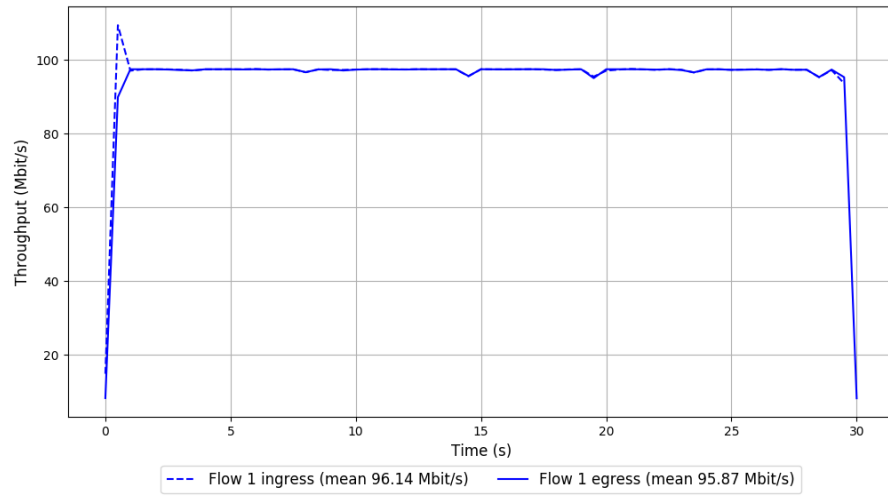


Run 10: Statistics of TCP Vegas

Start at: 2017-09-17 15:34:26
End at: 2017-09-17 15:34:56
Local clock offset: -0.143 ms
Remote clock offset: -1.051 ms

Below is generated by plot.py at 2017-09-17 16:42:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.87 Mbit/s
95th percentile per-packet one-way delay: 52.646 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 95.87 Mbit/s
95th percentile per-packet one-way delay: 52.646 ms
Loss rate: 0.27%

Run 10: Report of TCP Vegas — Data Link

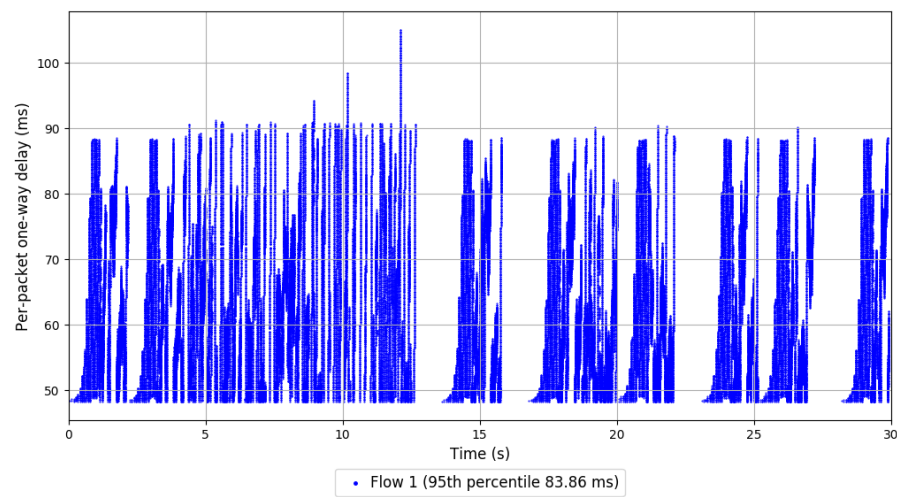
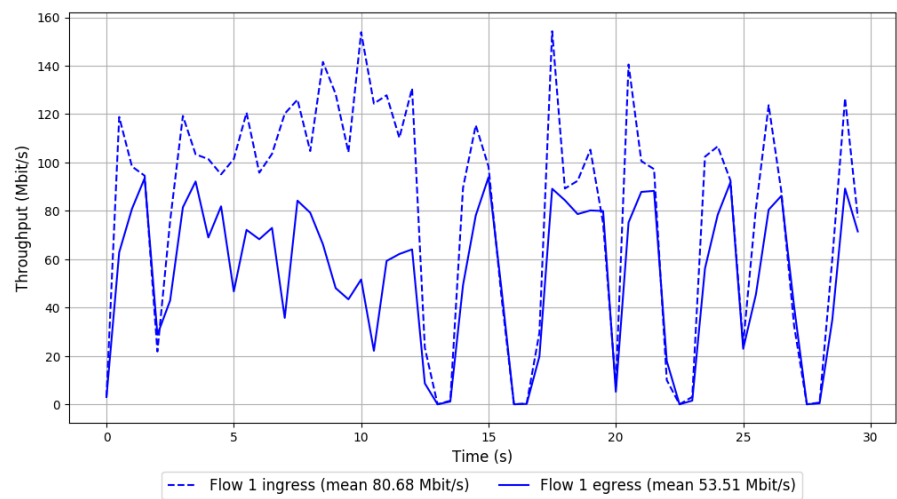


Run 1: Statistics of Verus

Start at: 2017-09-17 12:39:30
End at: 2017-09-17 12:40:00
Local clock offset: -0.951 ms
Remote clock offset: -2.007 ms

Below is generated by plot.py at 2017-09-17 16:42:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 53.51 Mbit/s
95th percentile per-packet one-way delay: 83.858 ms
Loss rate: 33.65%
-- Flow 1:
Average throughput: 53.51 Mbit/s
95th percentile per-packet one-way delay: 83.858 ms
Loss rate: 33.65%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: 2017-09-17 12:59:25

End at: 2017-09-17 12:59:55

Local clock offset: -0.889 ms

Remote clock offset: 0.246 ms

Below is generated by plot.py at 2017-09-17 16:42:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 53.71 Mbit/s

95th percentile per-packet one-way delay: 86.609 ms

Loss rate: 26.75%

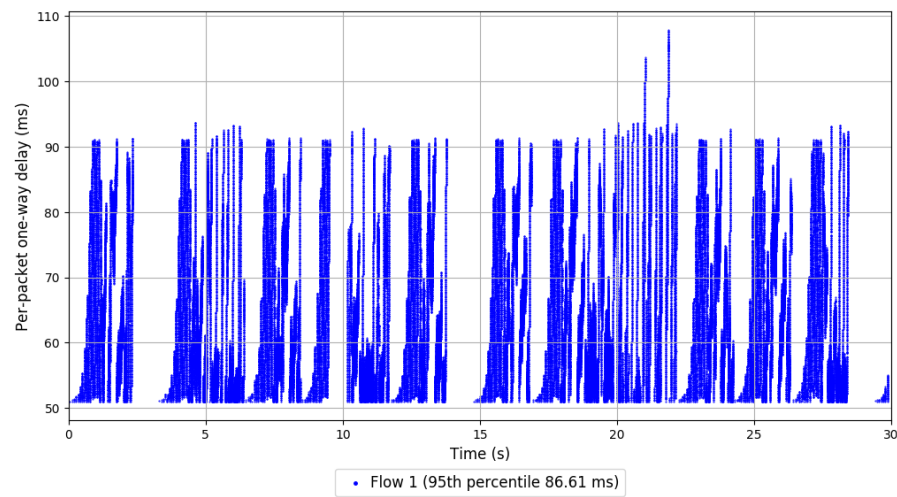
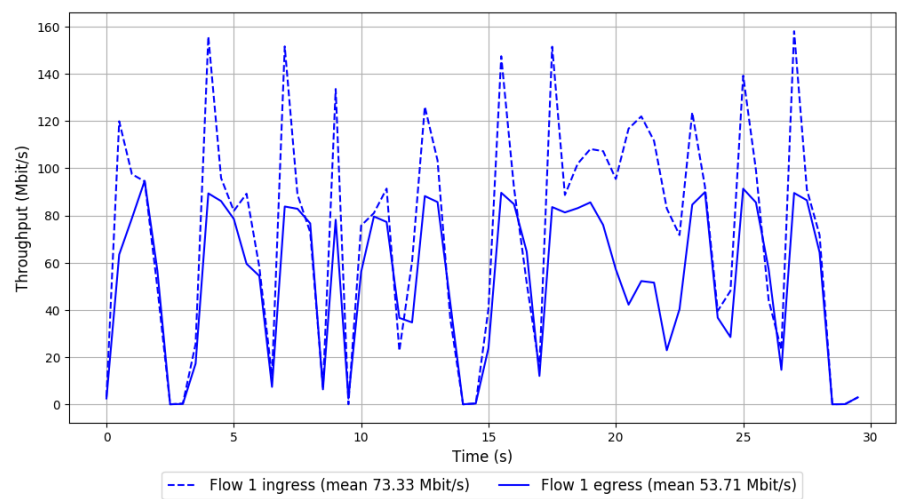
-- Flow 1:

Average throughput: 53.71 Mbit/s

95th percentile per-packet one-way delay: 86.609 ms

Loss rate: 26.75%

Run 2: Report of Verus — Data Link

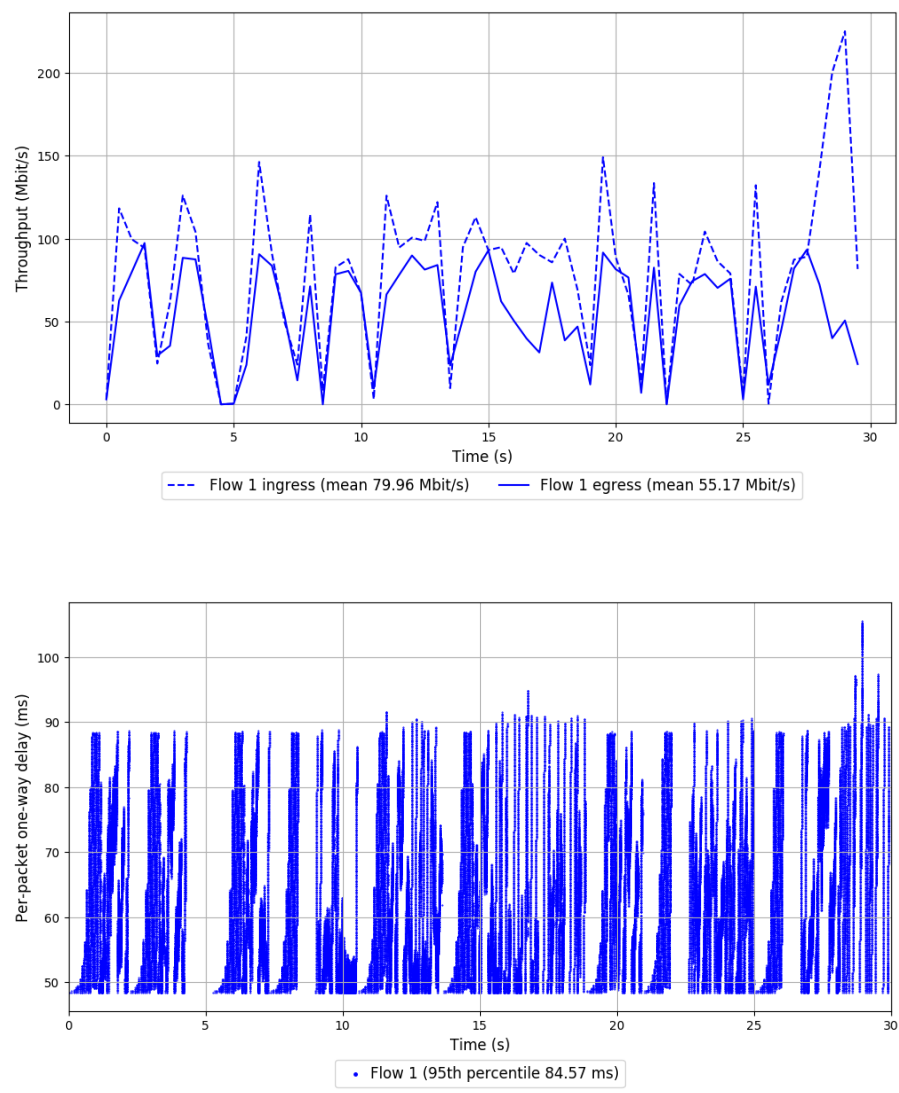


Run 3: Statistics of Verus

Start at: 2017-09-17 13:19:15
End at: 2017-09-17 13:19:45
Local clock offset: -0.844 ms
Remote clock offset: -2.756 ms

Below is generated by plot.py at 2017-09-17 16:42:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 55.17 Mbit/s
95th percentile per-packet one-way delay: 84.566 ms
Loss rate: 30.95%
-- Flow 1:
Average throughput: 55.17 Mbit/s
95th percentile per-packet one-way delay: 84.566 ms
Loss rate: 30.95%

Run 3: Report of Verus — Data Link

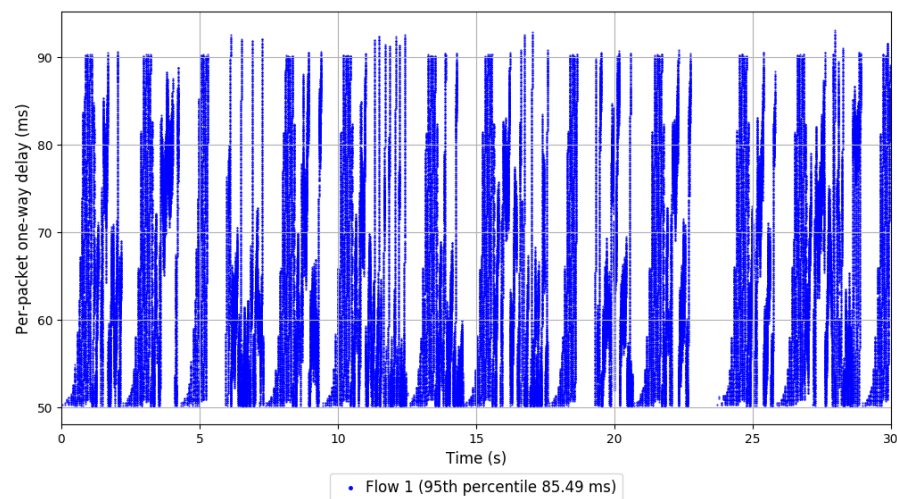
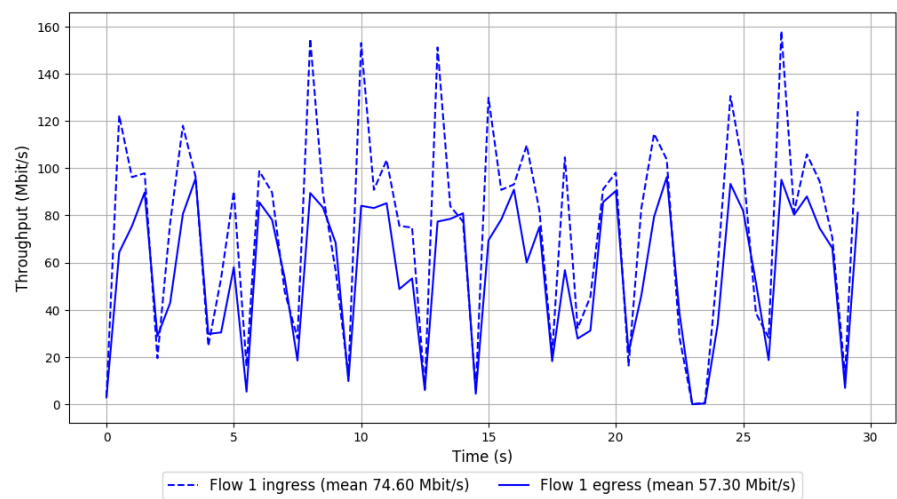


Run 4: Statistics of Verus

Start at: 2017-09-17 13:39:18
End at: 2017-09-17 13:39:48
Local clock offset: -0.9 ms
Remote clock offset: -1.366 ms

Below is generated by plot.py at 2017-09-17 16:42:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 57.30 Mbit/s
95th percentile per-packet one-way delay: 85.493 ms
Loss rate: 23.12%
-- Flow 1:
Average throughput: 57.30 Mbit/s
95th percentile per-packet one-way delay: 85.493 ms
Loss rate: 23.12%

Run 4: Report of Verus — Data Link

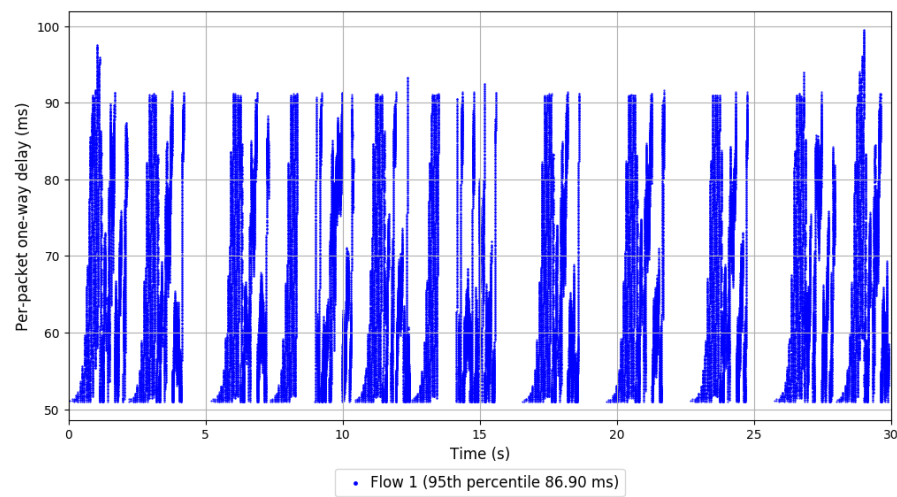
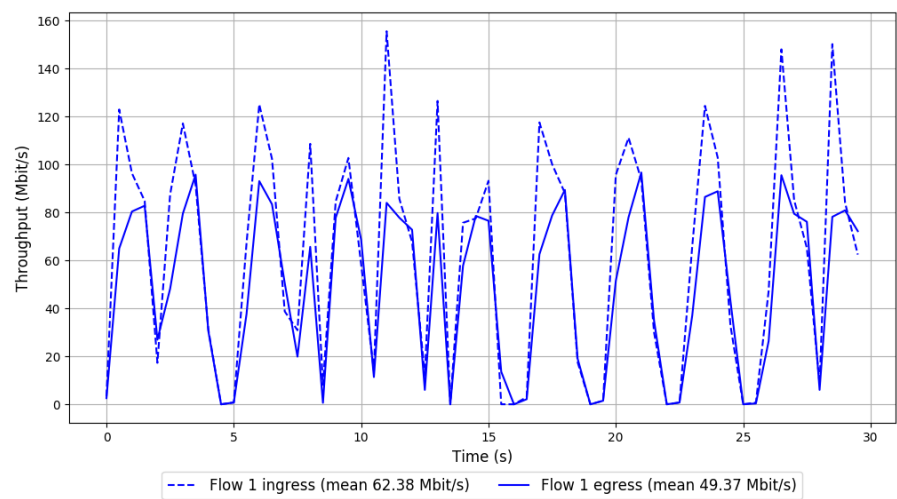


Run 5: Statistics of Verus

Start at: 2017-09-17 13:59:13
End at: 2017-09-17 13:59:43
Local clock offset: -0.771 ms
Remote clock offset: -1.175 ms

Below is generated by plot.py at 2017-09-17 16:42:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 49.37 Mbit/s
95th percentile per-packet one-way delay: 86.900 ms
Loss rate: 20.84%
-- Flow 1:
Average throughput: 49.37 Mbit/s
95th percentile per-packet one-way delay: 86.900 ms
Loss rate: 20.84%

Run 5: Report of Verus — Data Link

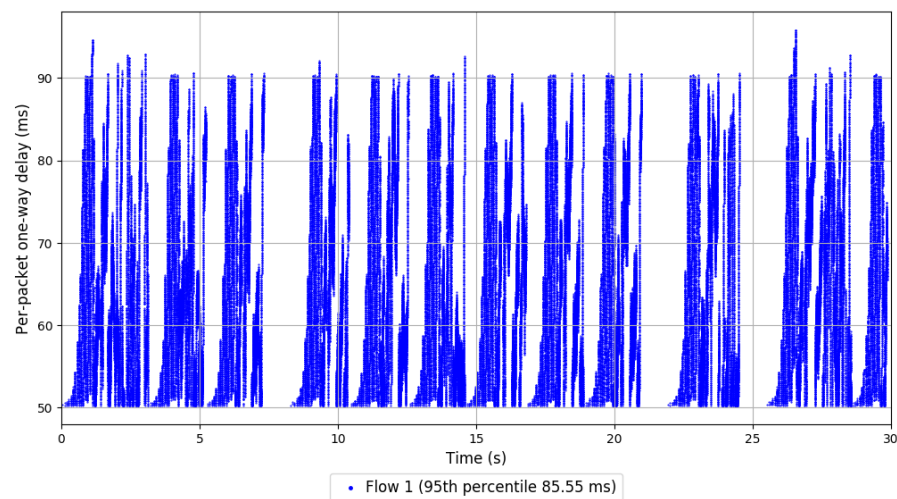
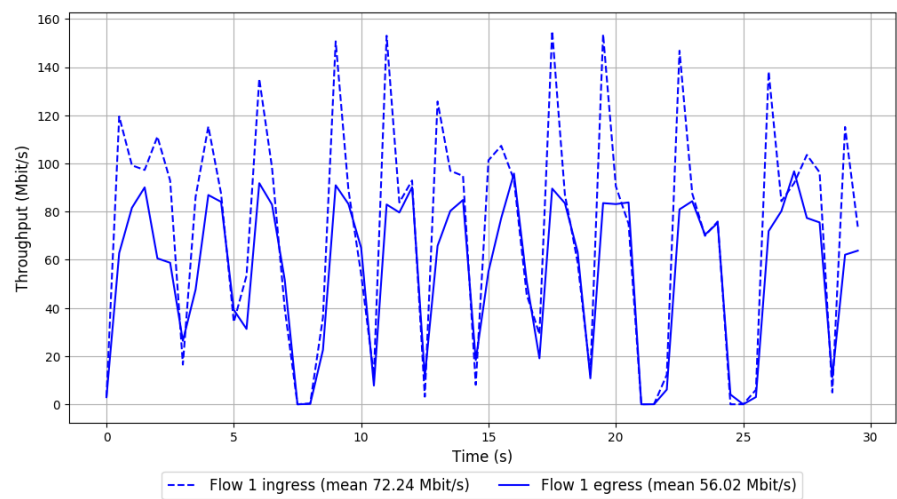


Run 6: Statistics of Verus

Start at: 2017-09-17 14:19:17
End at: 2017-09-17 14:19:47
Local clock offset: -0.606 ms
Remote clock offset: -1.914 ms

Below is generated by plot.py at 2017-09-17 16:42:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 56.02 Mbit/s
95th percentile per-packet one-way delay: 85.549 ms
Loss rate: 22.40%
-- Flow 1:
Average throughput: 56.02 Mbit/s
95th percentile per-packet one-way delay: 85.549 ms
Loss rate: 22.40%

Run 6: Report of Verus — Data Link

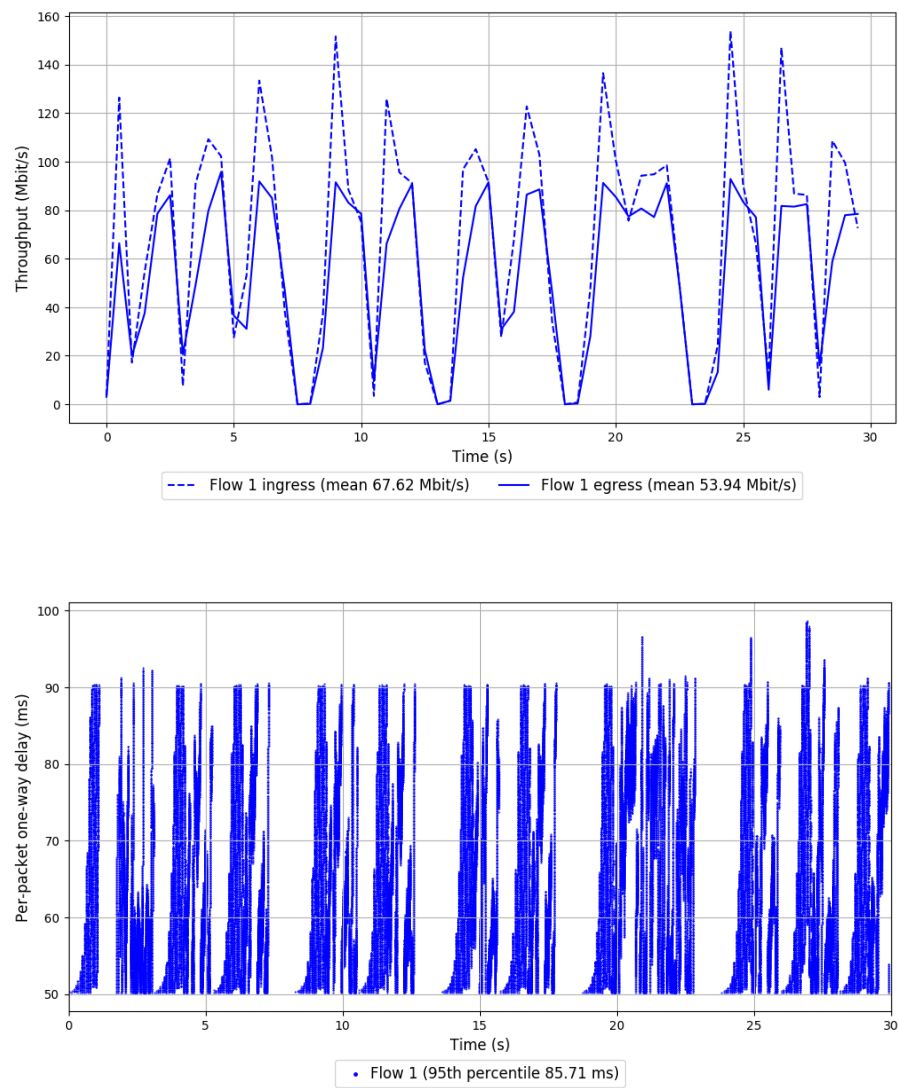


Run 7: Statistics of Verus

Start at: 2017-09-17 14:39:15
End at: 2017-09-17 14:39:45
Local clock offset: -0.487 ms
Remote clock offset: -1.864 ms

Below is generated by plot.py at 2017-09-17 16:42:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 53.94 Mbit/s
95th percentile per-packet one-way delay: 85.708 ms
Loss rate: 20.22%
-- Flow 1:
Average throughput: 53.94 Mbit/s
95th percentile per-packet one-way delay: 85.708 ms
Loss rate: 20.22%

Run 7: Report of Verus — Data Link



Run 8: Statistics of Verus

Start at: 2017-09-17 14:59:30

End at: 2017-09-17 15:00:00

Local clock offset: -0.344 ms

Remote clock offset: -3.5 ms

Below is generated by plot.py at 2017-09-17 16:42:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 56.09 Mbit/s

95th percentile per-packet one-way delay: 84.475 ms

Loss rate: 28.97%

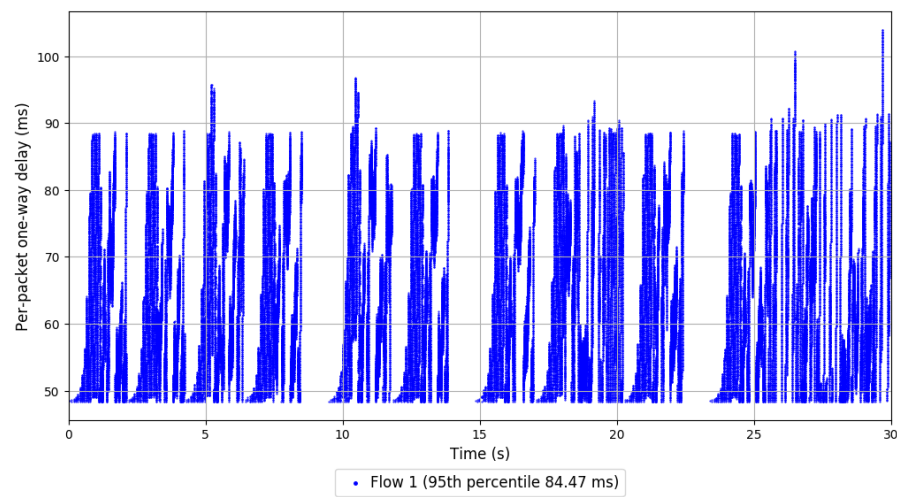
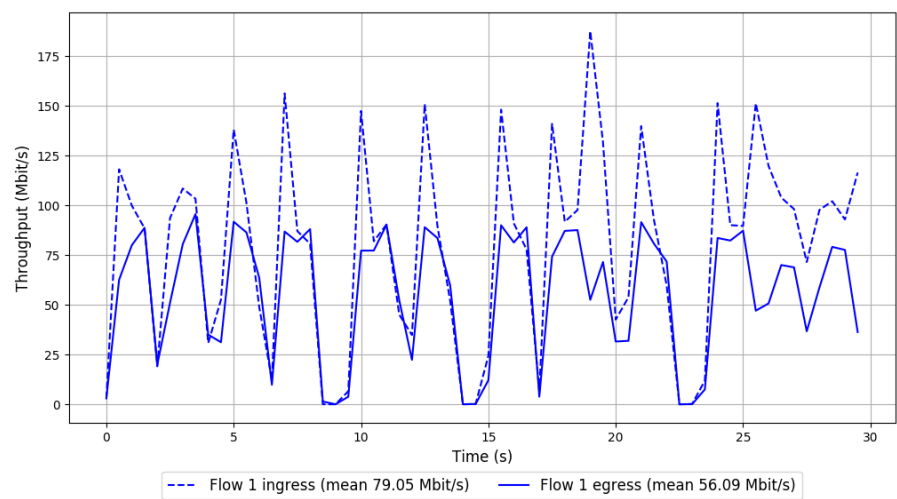
-- Flow 1:

Average throughput: 56.09 Mbit/s

95th percentile per-packet one-way delay: 84.475 ms

Loss rate: 28.97%

Run 8: Report of Verus — Data Link

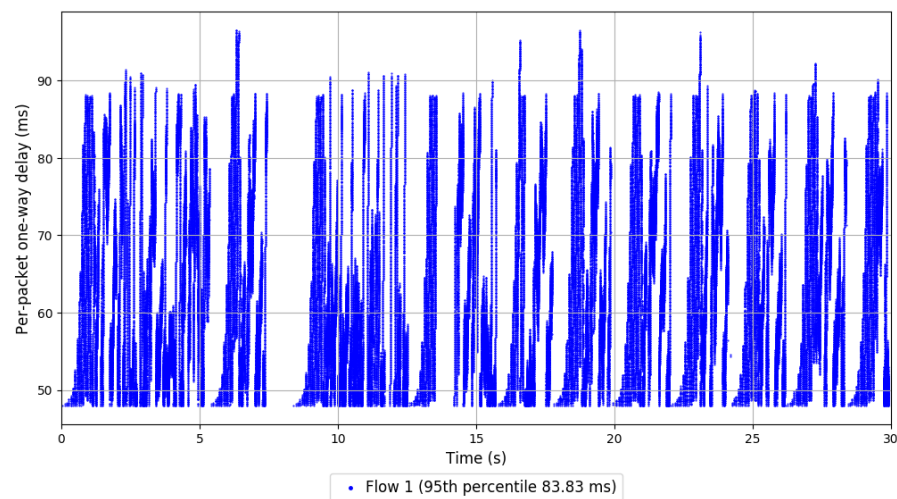
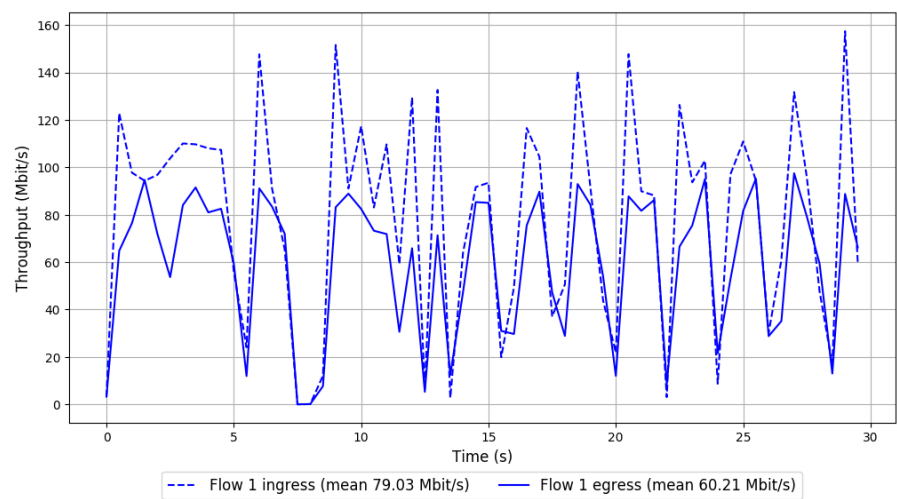


Run 9: Statistics of Verus

Start at: 2017-09-17 15:19:37
End at: 2017-09-17 15:20:07
Local clock offset: -0.099 ms
Remote clock offset: -3.248 ms

Below is generated by plot.py at 2017-09-17 16:42:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 60.21 Mbit/s
95th percentile per-packet one-way delay: 83.826 ms
Loss rate: 23.80%
-- Flow 1:
Average throughput: 60.21 Mbit/s
95th percentile per-packet one-way delay: 83.826 ms
Loss rate: 23.80%

Run 9: Report of Verus — Data Link

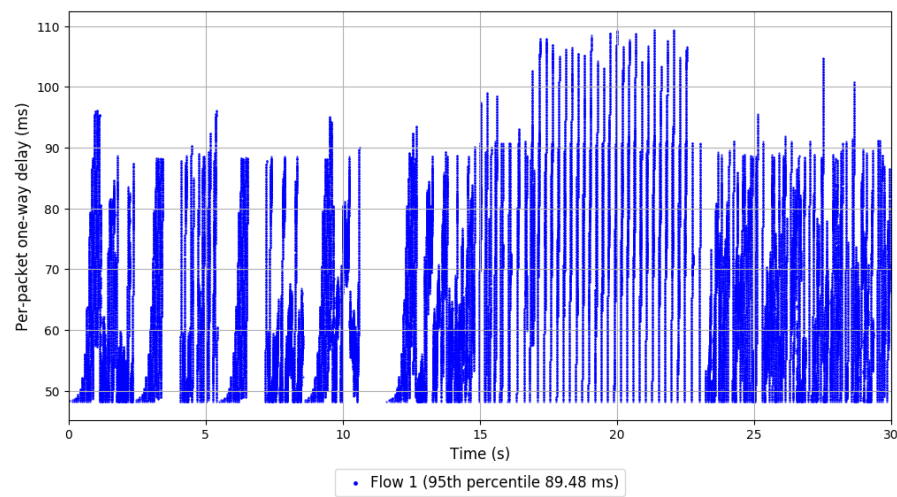
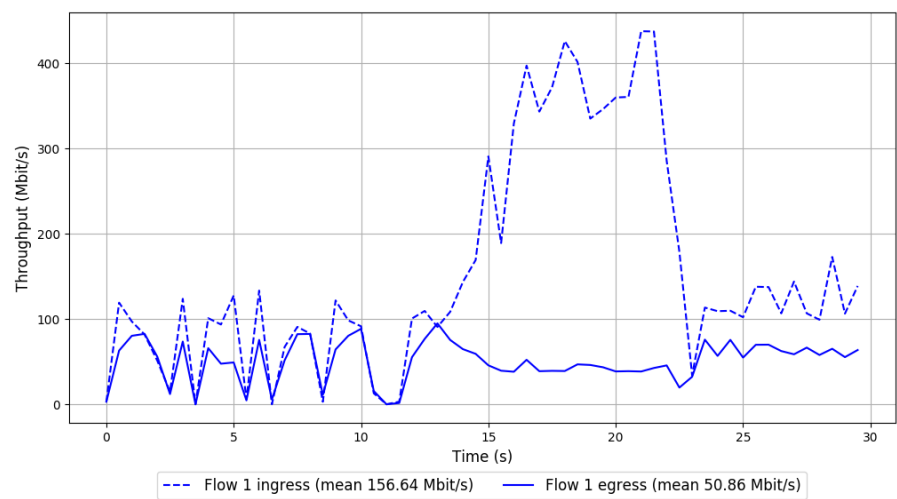


Run 10: Statistics of Verus

Start at: 2017-09-17 15:39:50
End at: 2017-09-17 15:40:21
Local clock offset: -0.037 ms
Remote clock offset: -2.935 ms

Below is generated by plot.py at 2017-09-17 16:42:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.86 Mbit/s
95th percentile per-packet one-way delay: 89.483 ms
Loss rate: 67.50%
-- Flow 1:
Average throughput: 50.86 Mbit/s
95th percentile per-packet one-way delay: 89.483 ms
Loss rate: 67.50%

Run 10: Report of Verus — Data Link



Run 1: Statistics of WebRTC media

Start at: 2017-09-17 12:47:31

End at: 2017-09-17 12:48:01

Local clock offset: -0.808 ms

Remote clock offset: 0.499 ms

Below is generated by plot.py at 2017-09-17 16:42:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 51.561 ms

Loss rate: 0.00%

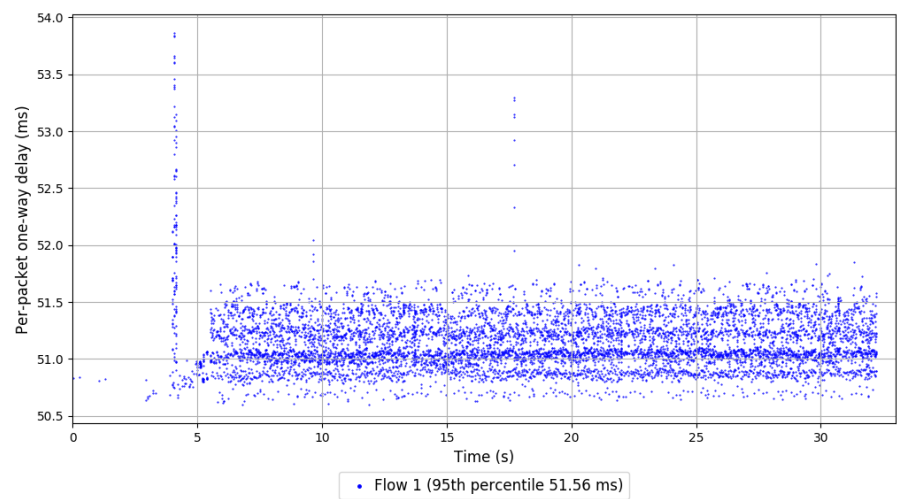
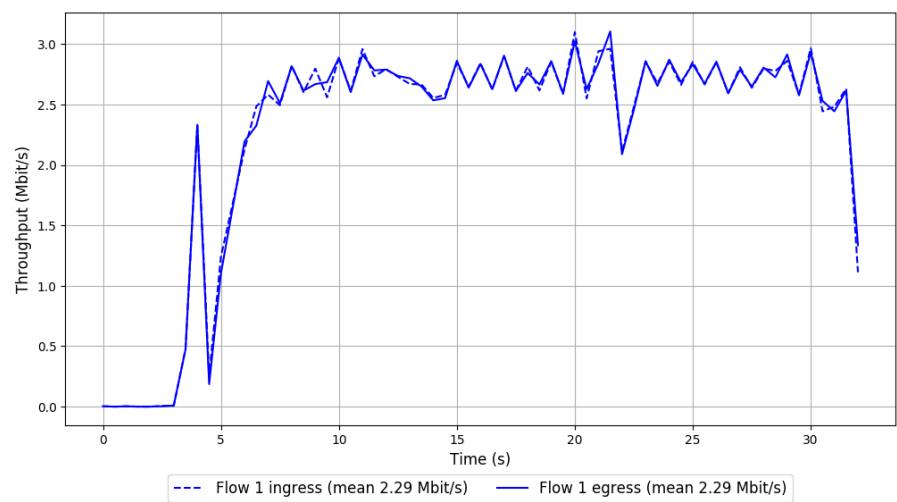
-- Flow 1:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 51.561 ms

Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

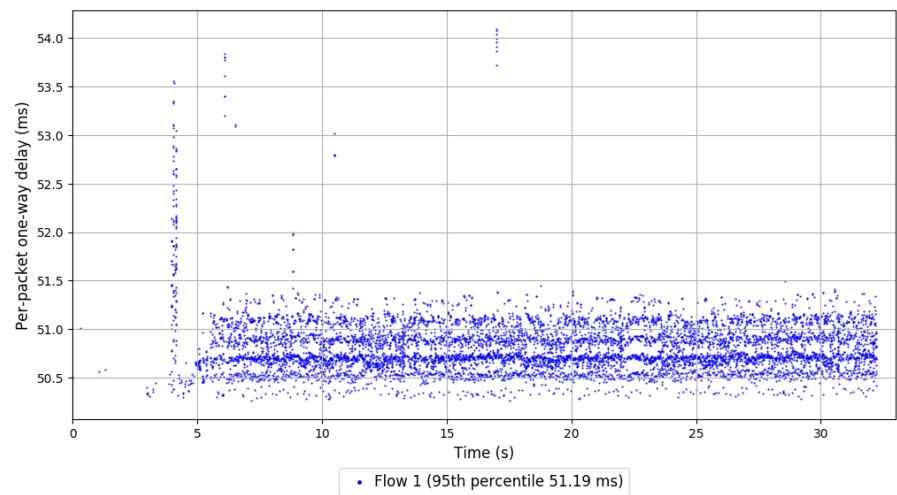
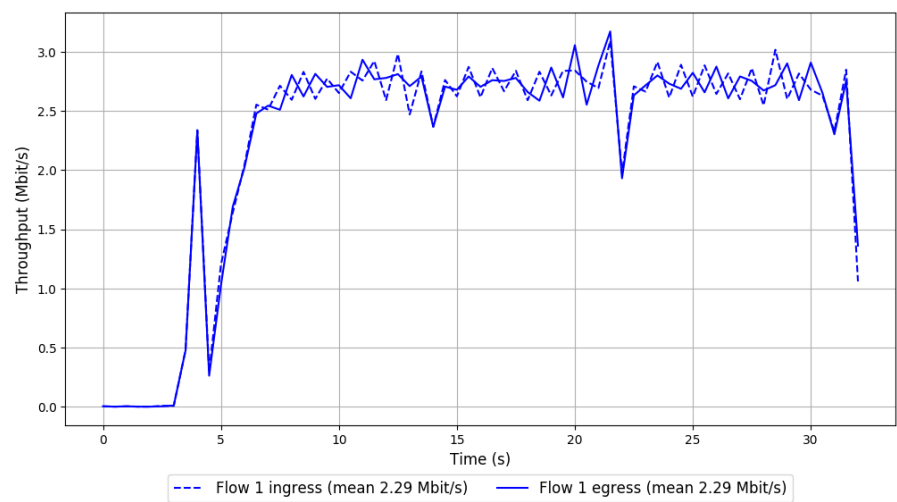


Run 2: Statistics of WebRTC media

Start at: 2017-09-17 13:07:19
End at: 2017-09-17 13:07:49
Local clock offset: -0.821 ms
Remote clock offset: -0.343 ms

Below is generated by plot.py at 2017-09-17 16:42:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 51.186 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 51.186 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

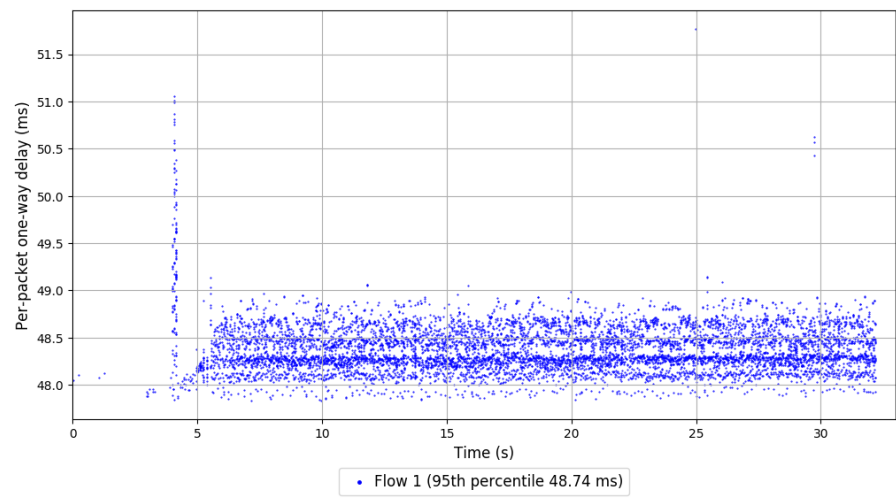
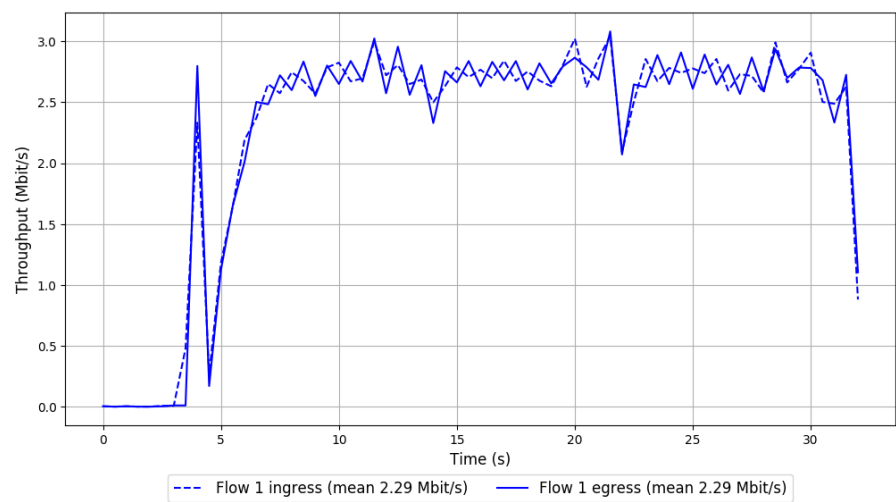


Run 3: Statistics of WebRTC media

Start at: 2017-09-17 13:27:20
End at: 2017-09-17 13:27:50
Local clock offset: -0.861 ms
Remote clock offset: -3.079 ms

Below is generated by plot.py at 2017-09-17 16:42:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 48.744 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 48.744 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

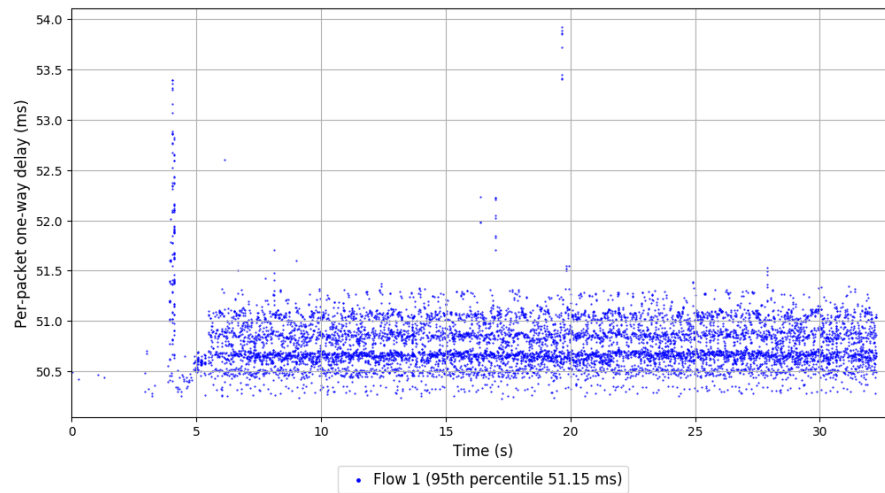
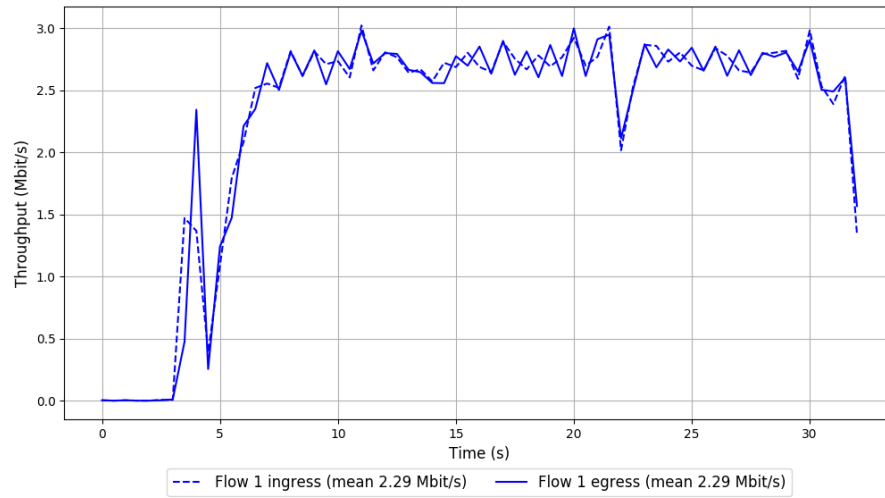


Run 4: Statistics of WebRTC media

Start at: 2017-09-17 13:47:15
End at: 2017-09-17 13:47:45
Local clock offset: -0.845 ms
Remote clock offset: -1.525 ms

Below is generated by plot.py at 2017-09-17 16:42:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 51.150 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 51.150 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link

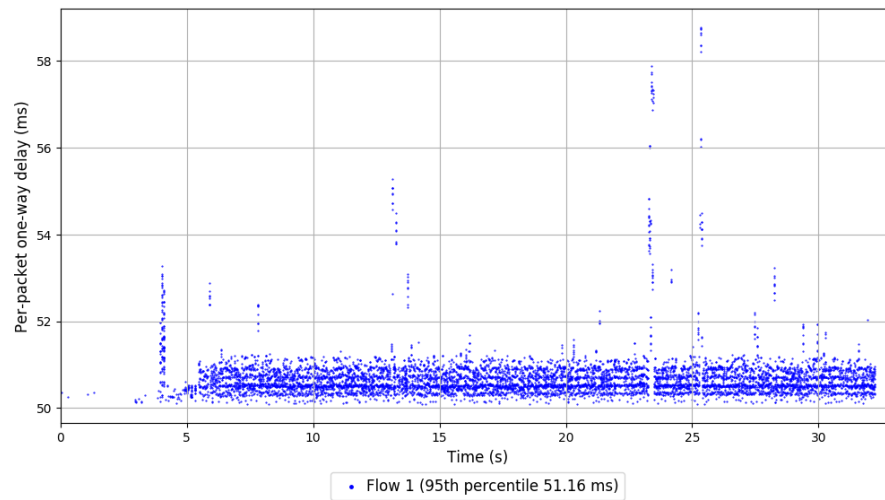
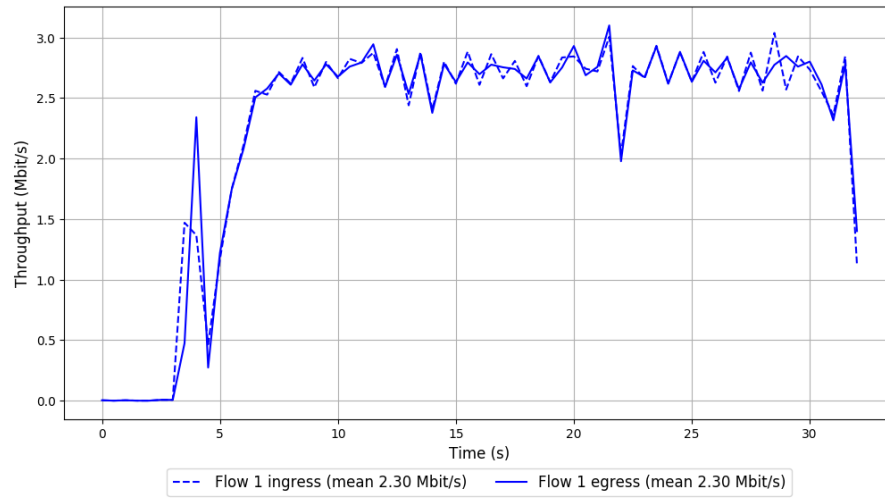


Run 5: Statistics of WebRTC media

Start at: 2017-09-17 14:07:18
End at: 2017-09-17 14:07:48
Local clock offset: -0.72 ms
Remote clock offset: -1.779 ms

Below is generated by plot.py at 2017-09-17 16:42:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 51.161 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 51.161 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

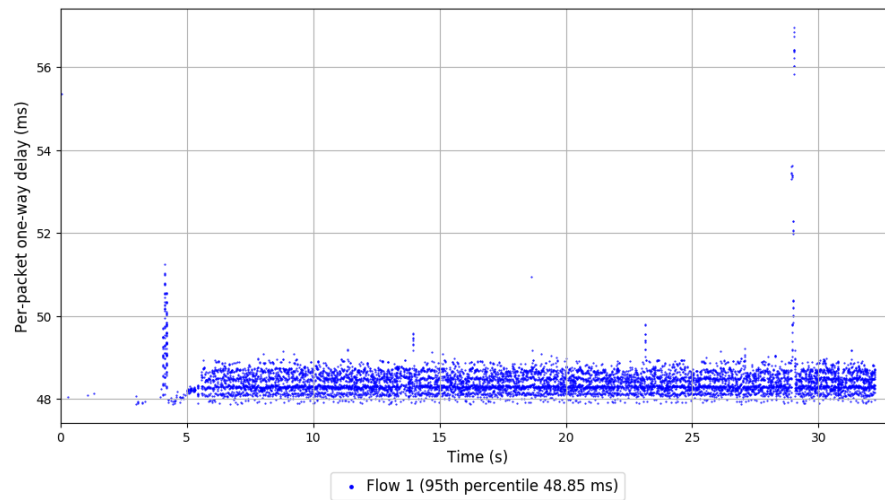
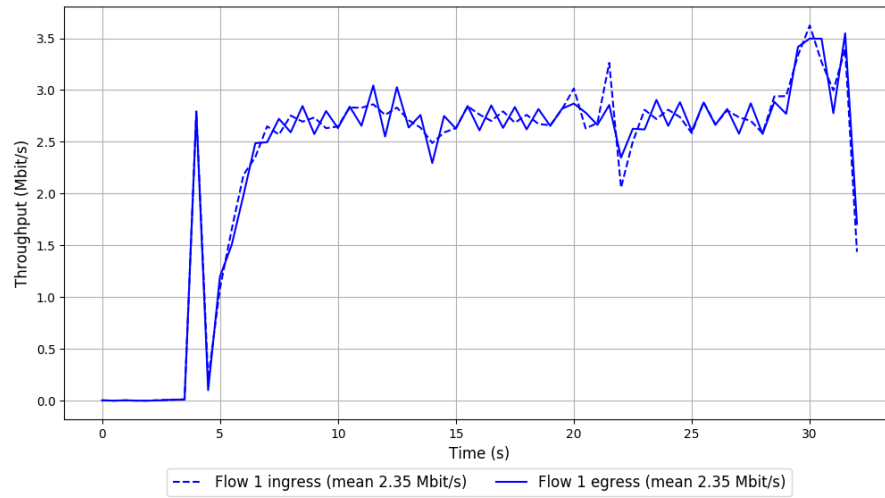


Run 6: Statistics of WebRTC media

Start at: 2017-09-17 14:27:15
End at: 2017-09-17 14:27:45
Local clock offset: -0.498 ms
Remote clock offset: -3.955 ms

Below is generated by plot.py at 2017-09-17 16:42:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 48.853 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 48.853 ms
Loss rate: 0.04%

Run 6: Report of WebRTC media — Data Link

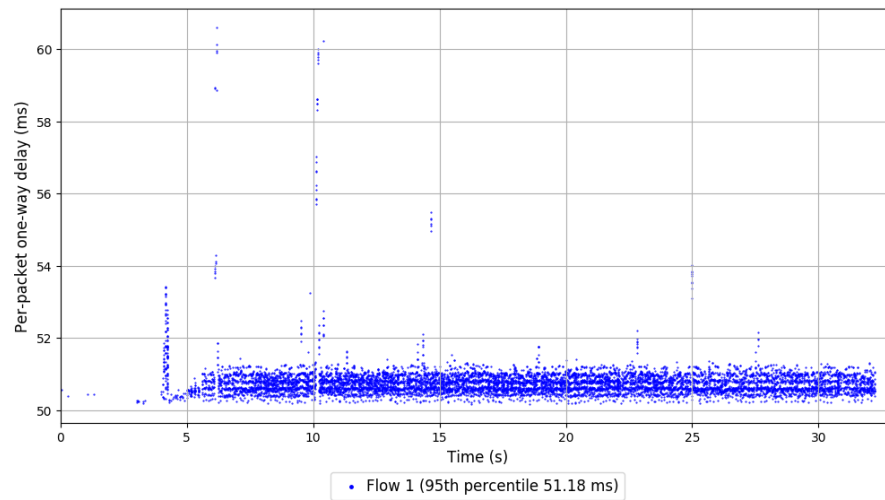
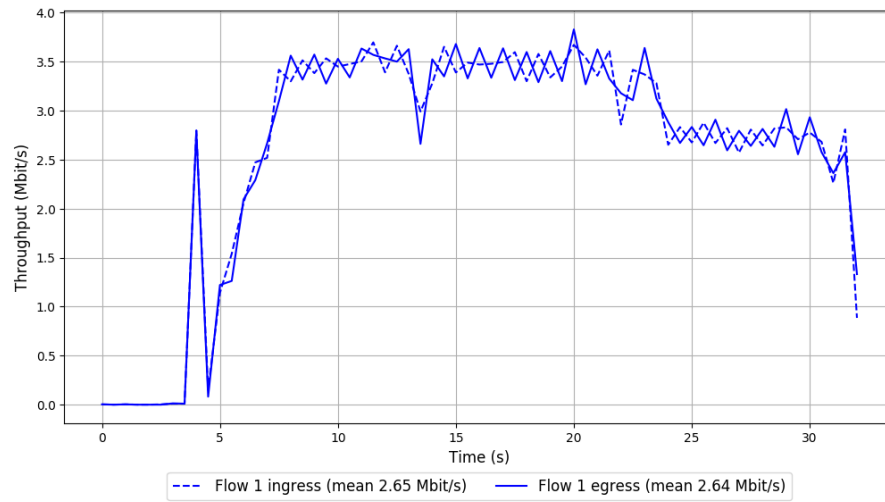


Run 7: Statistics of WebRTC media

Start at: 2017-09-17 14:47:26
End at: 2017-09-17 14:47:56
Local clock offset: -0.404 ms
Remote clock offset: -1.642 ms

Below is generated by plot.py at 2017-09-17 16:42:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.64 Mbit/s
95th percentile per-packet one-way delay: 51.179 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 2.64 Mbit/s
95th percentile per-packet one-way delay: 51.179 ms
Loss rate: 0.13%

Run 7: Report of WebRTC media — Data Link

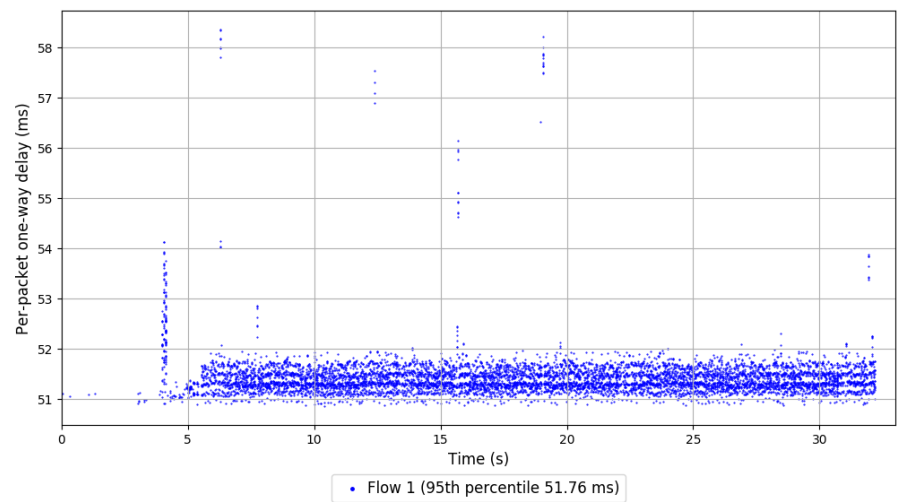
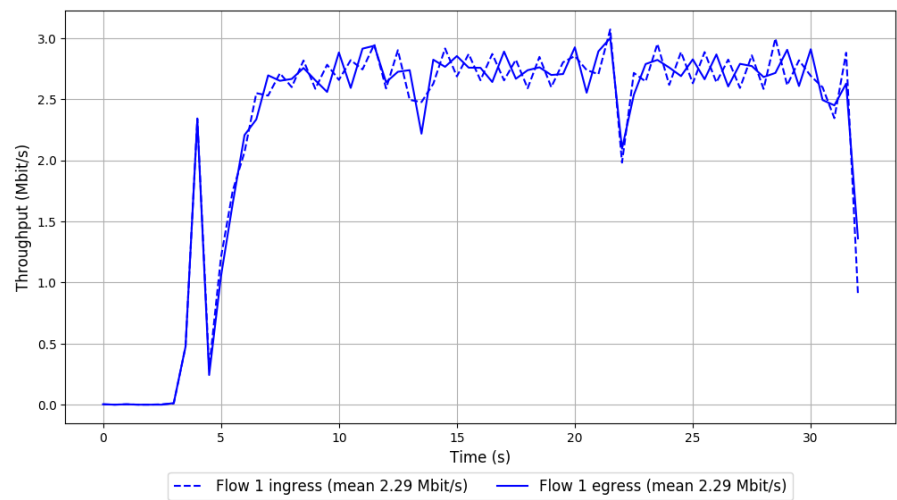


Run 8: Statistics of WebRTC media

Start at: 2017-09-17 15:07:37
End at: 2017-09-17 15:08:07
Local clock offset: -0.295 ms
Remote clock offset: -0.644 ms

Below is generated by plot.py at 2017-09-17 16:42:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 51.761 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 51.761 ms
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

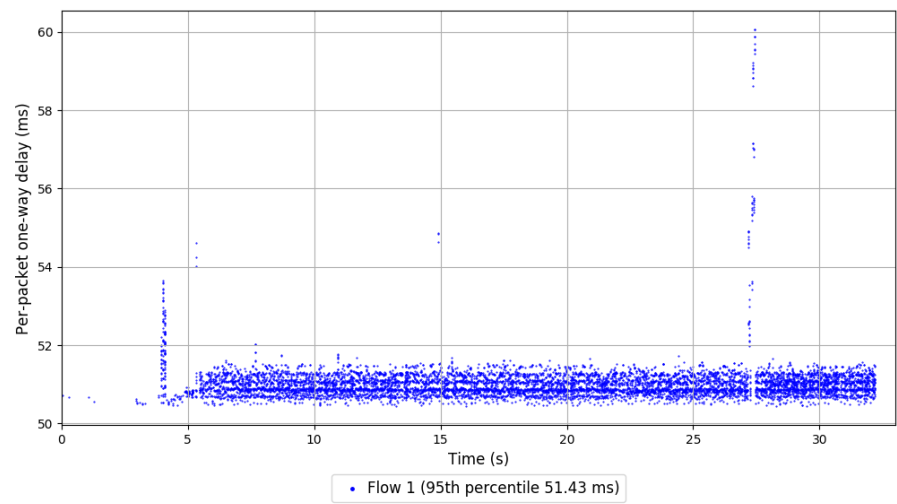
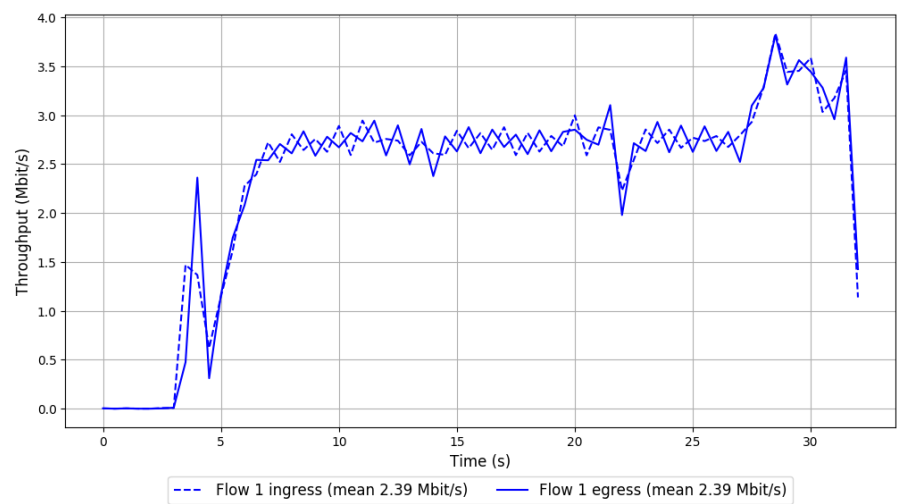


Run 9: Statistics of WebRTC media

Start at: 2017-09-17 15:27:35
End at: 2017-09-17 15:28:05
Local clock offset: -0.089 ms
Remote clock offset: -0.566 ms

Below is generated by plot.py at 2017-09-17 16:42:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.39 Mbit/s
95th percentile per-packet one-way delay: 51.428 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 2.39 Mbit/s
95th percentile per-packet one-way delay: 51.428 ms
Loss rate: 0.04%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2017-09-17 15:48:11
End at: 2017-09-17 15:48:41
Local clock offset: -0.065 ms
Remote clock offset: -2.863 ms

Below is generated by plot.py at 2017-09-17 16:42:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 49.162 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 49.162 ms
Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

