

Pantheon Report

Generated at 2017-09-03 08:30:58 (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).

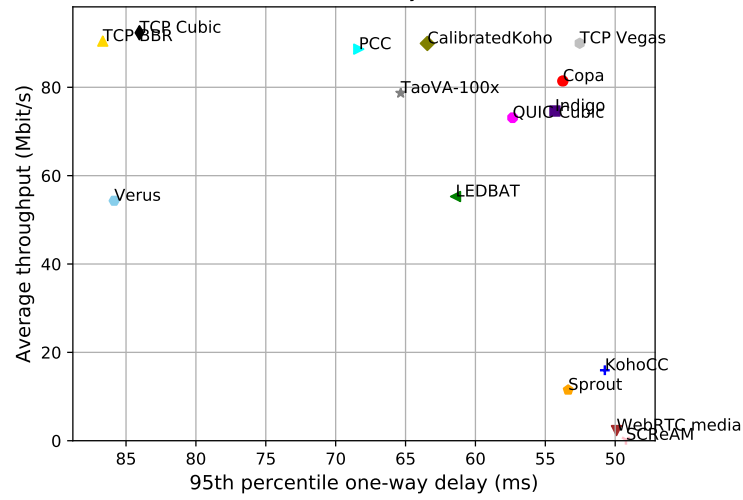
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

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

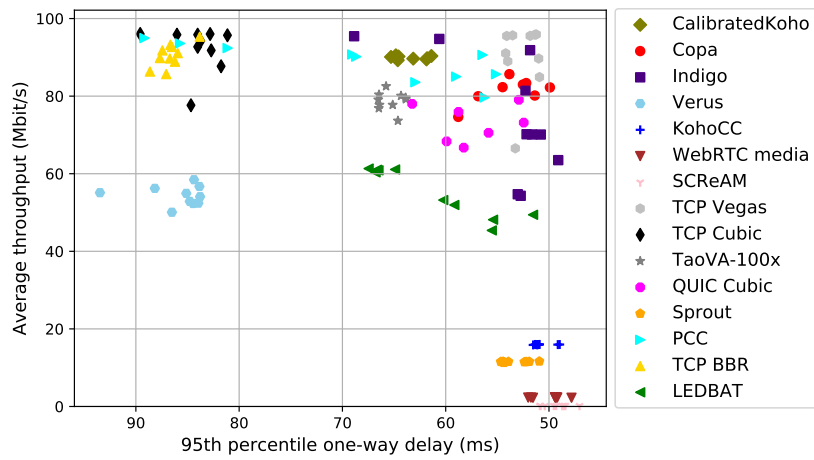
Git summary:

```
branch: master @ 2a98508c2457474d84cd2966a42b80b0bc62ecaf
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/genericCC @ f7ca42f251bf49b432bb71de6d13fa903515c366
third_party/indigo @ 10192113fb6902d25c86e0e3e4c85d7a05e43d7e
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	90.46	86.66	24.40
CalibratedKoho	8	89.92	63.44	0.05
Copa	8	81.42	53.75	0.01
TCP Cubic	10	92.35	84.04	0.31
Indigo	10	74.63	54.31	0.04
KohoCC	10	15.95	50.74	0.01
LEDBAT	10	55.28	61.42	0.02
PCC	10	88.64	68.34	5.09
QUIC Cubic	7	73.12	57.34	0.41
SCReAM	10	0.21	49.23	0.06
Sprout	10	11.50	53.36	0.00
TaoVA-100x	10	78.70	65.35	0.04
TCP Vegas	10	89.96	52.54	0.20
Verus	10	54.32	85.85	35.45
WebRTC media	10	2.30	49.91	0.00

Run 1: Statistics of TCP BBR

Start at: 2017-09-03 04:30:07

End at: 2017-09-03 04:30:37

Local clock offset: 0.141 ms

Remote clock offset: 0.605 ms

Below is generated by plot.py at 2017-09-03 08:19:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.34 Mbit/s

95th percentile per-packet one-way delay: 88.641 ms

Loss rate: 24.46%

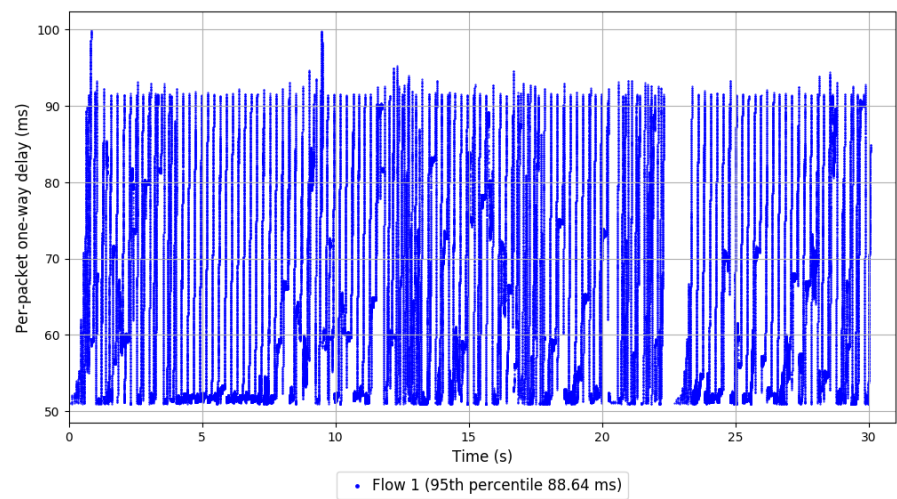
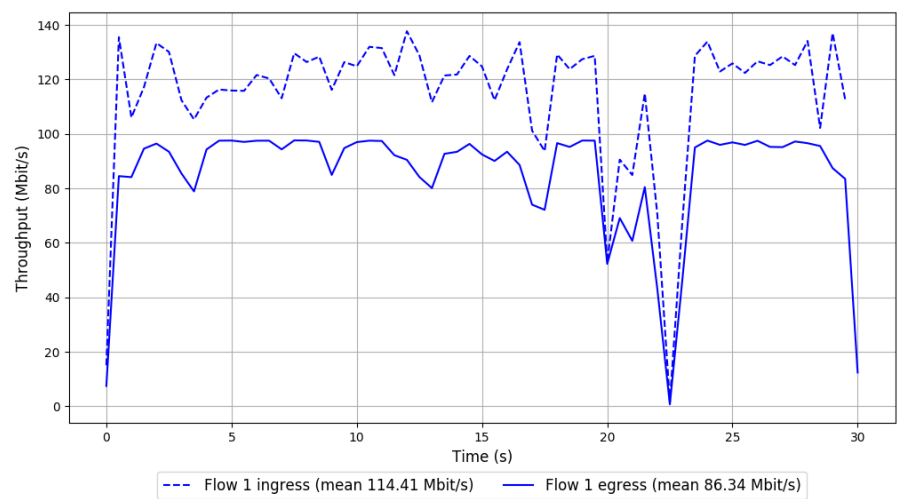
-- Flow 1:

Average throughput: 86.34 Mbit/s

95th percentile per-packet one-way delay: 88.641 ms

Loss rate: 24.46%

Run 1: Report of TCP BBR — Data Link

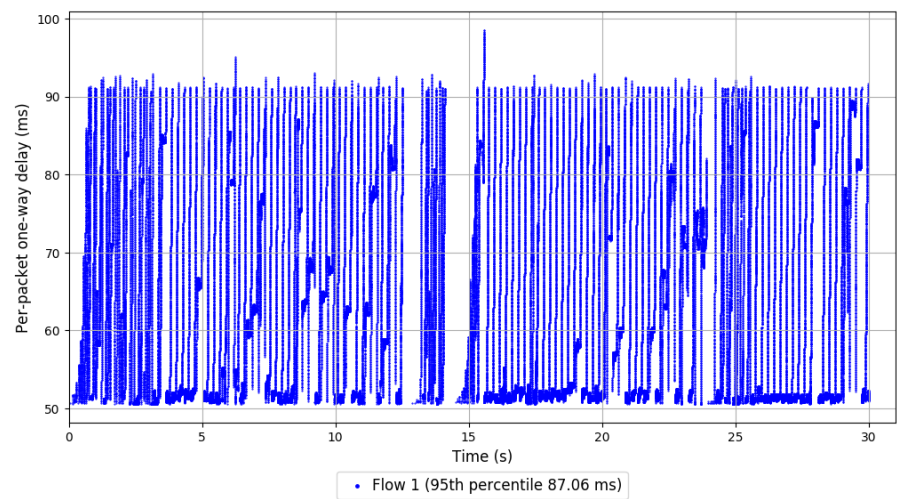
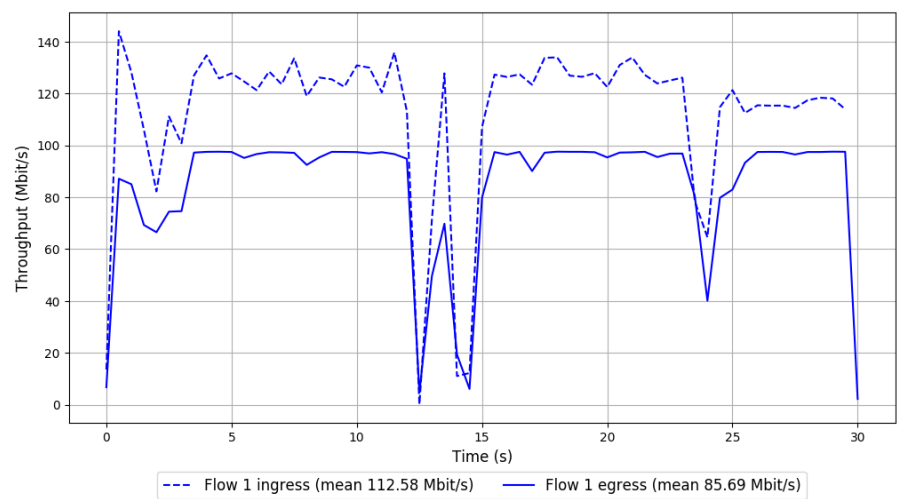


Run 2: Statistics of TCP BBR

Start at: 2017-09-03 04:51:12
End at: 2017-09-03 04:51:42
Local clock offset: 0.806 ms
Remote clock offset: -0.095 ms

Below is generated by plot.py at 2017-09-03 08:19:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 85.69 Mbit/s
95th percentile per-packet one-way delay: 87.061 ms
Loss rate: 23.91%
-- Flow 1:
Average throughput: 85.69 Mbit/s
95th percentile per-packet one-way delay: 87.061 ms
Loss rate: 23.91%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2017-09-03 05:12:19

End at: 2017-09-03 05:12:49

Local clock offset: 0.923 ms

Remote clock offset: 0.044 ms

Below is generated by plot.py at 2017-09-03 08:19:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.71 Mbit/s

95th percentile per-packet one-way delay: 86.713 ms

Loss rate: 23.89%

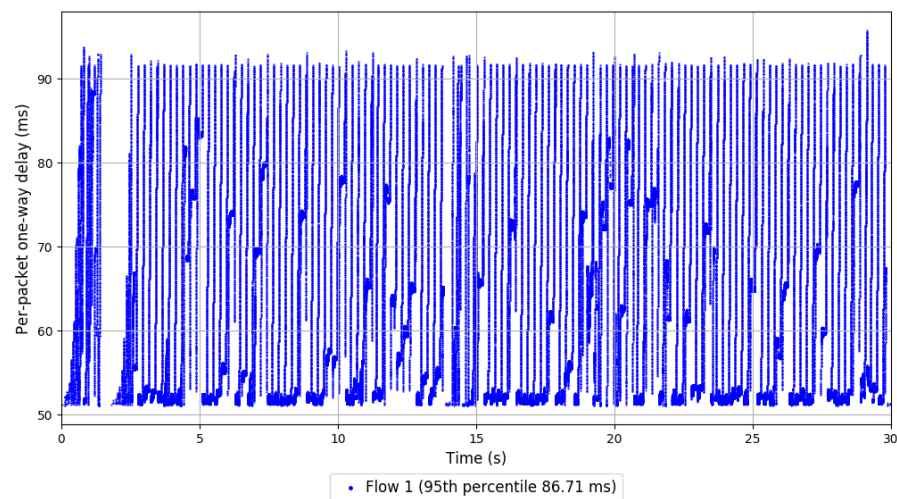
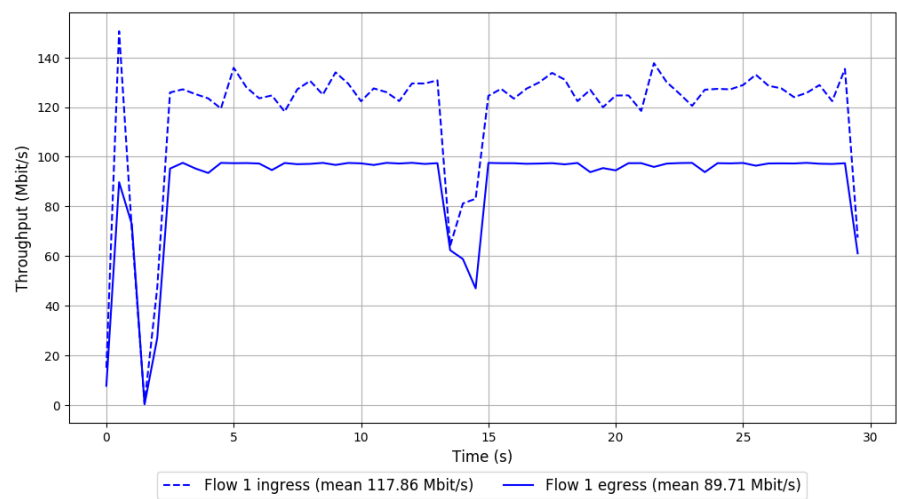
-- Flow 1:

Average throughput: 89.71 Mbit/s

95th percentile per-packet one-way delay: 86.713 ms

Loss rate: 23.89%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2017-09-03 05:33:04

End at: 2017-09-03 05:33:34

Local clock offset: 0.788 ms

Remote clock offset: -0.998 ms

Below is generated by plot.py at 2017-09-03 08:19:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.08 Mbit/s

95th percentile per-packet one-way delay: 85.946 ms

Loss rate: 24.44%

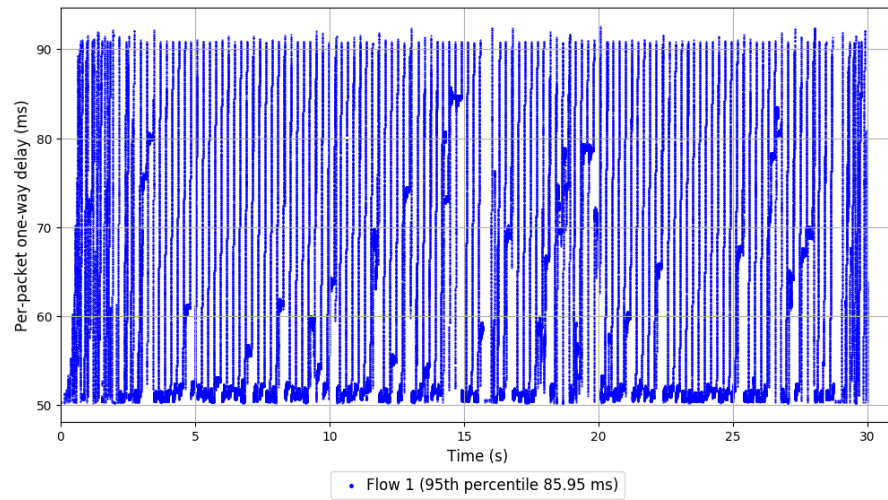
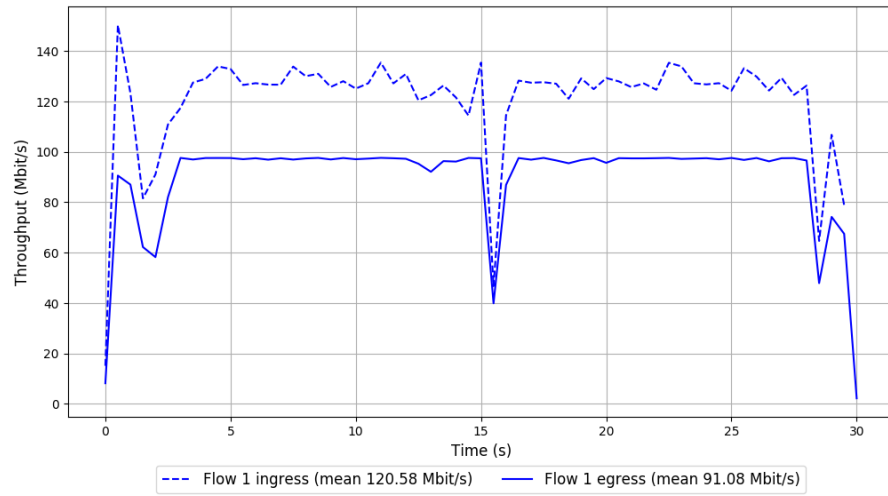
-- Flow 1:

Average throughput: 91.08 Mbit/s

95th percentile per-packet one-way delay: 85.946 ms

Loss rate: 24.44%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2017-09-03 05:53:46

End at: 2017-09-03 05:54:16

Local clock offset: 0.837 ms

Remote clock offset: -1.421 ms

Below is generated by plot.py at 2017-09-03 08:19:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.78 Mbit/s

95th percentile per-packet one-way delay: 87.433 ms

Loss rate: 25.28%

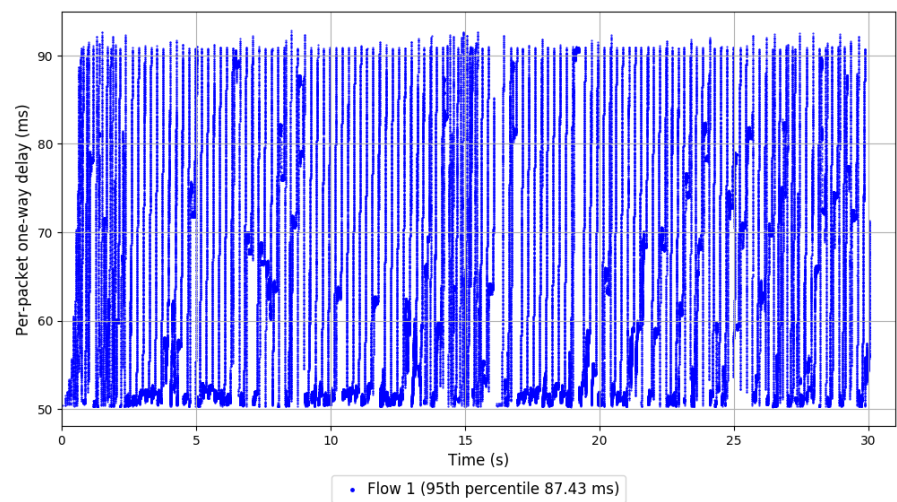
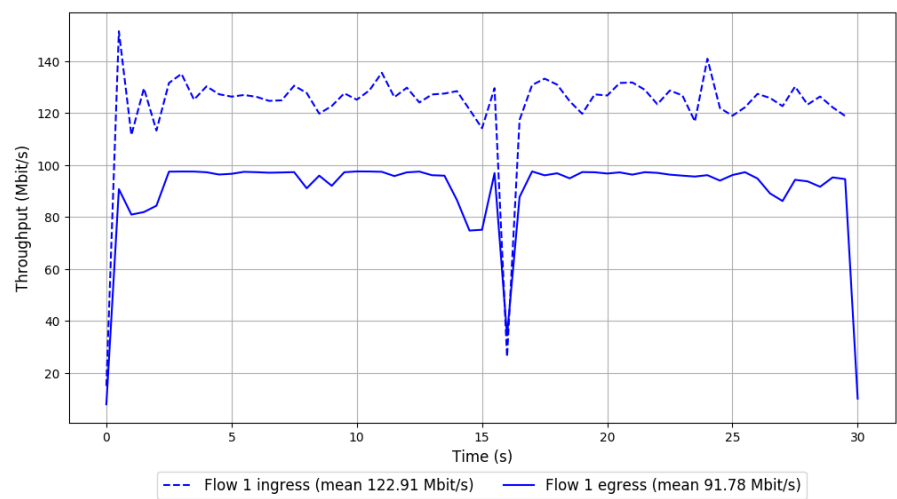
-- Flow 1:

Average throughput: 91.78 Mbit/s

95th percentile per-packet one-way delay: 87.433 ms

Loss rate: 25.28%

Run 5: Report of TCP BBR — Data Link

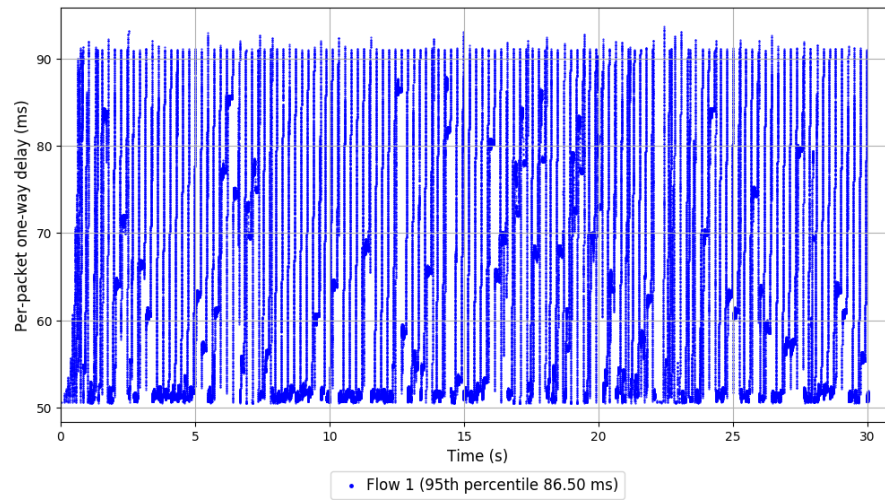
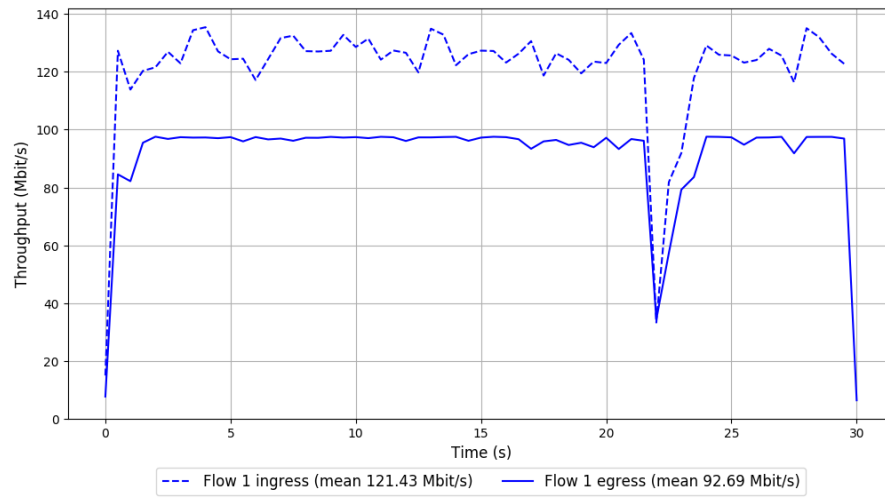


Run 6: Statistics of TCP BBR

Start at: 2017-09-03 06:14:17
End at: 2017-09-03 06:14:47
Local clock offset: 1.097 ms
Remote clock offset: -1.517 ms

Below is generated by plot.py at 2017-09-03 08:19:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.69 Mbit/s
95th percentile per-packet one-way delay: 86.502 ms
Loss rate: 23.67%
-- Flow 1:
Average throughput: 92.69 Mbit/s
95th percentile per-packet one-way delay: 86.502 ms
Loss rate: 23.67%

Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

Start at: 2017-09-03 06:34:24

End at: 2017-09-03 06:34:54

Local clock offset: 1.077 ms

Remote clock offset: -1.685 ms

Below is generated by plot.py at 2017-09-03 08:20:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.26 Mbit/s

95th percentile per-packet one-way delay: 86.653 ms

Loss rate: 24.52%

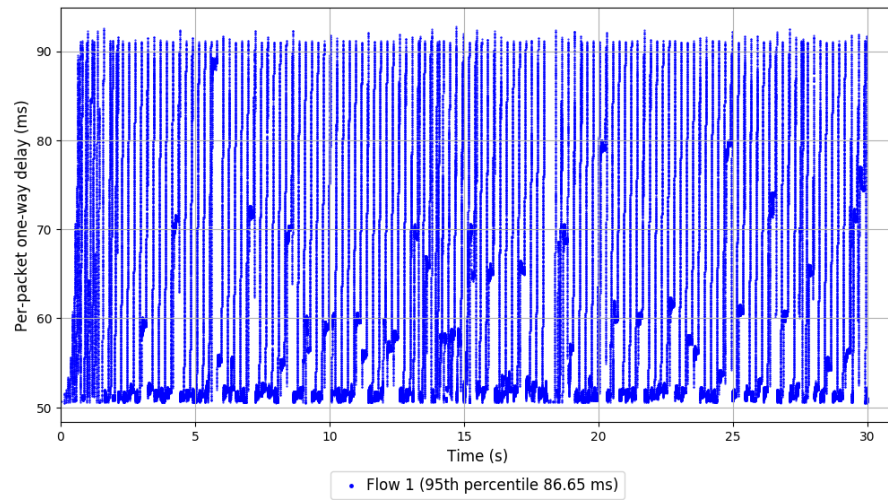
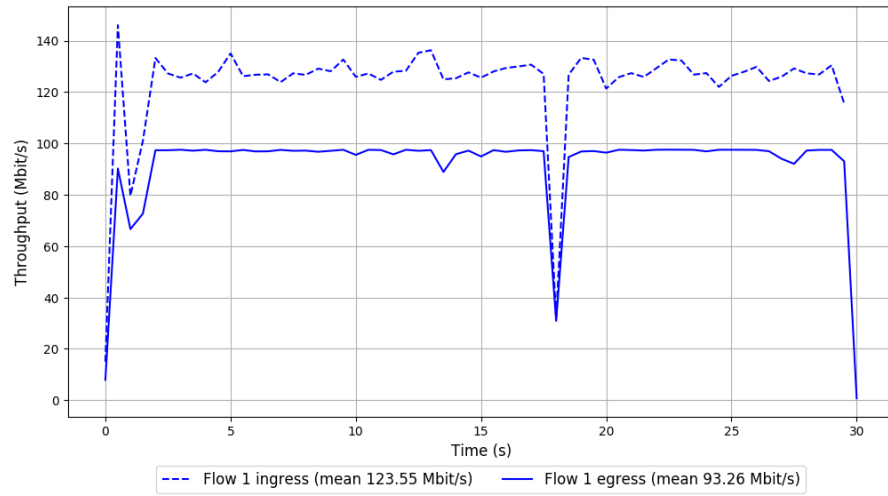
-- Flow 1:

Average throughput: 93.26 Mbit/s

95th percentile per-packet one-way delay: 86.653 ms

Loss rate: 24.52%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: 2017-09-03 06:54:43

End at: 2017-09-03 06:55:13

Local clock offset: 1.076 ms

Remote clock offset: -1.651 ms

Below is generated by plot.py at 2017-09-03 08:20:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.88 Mbit/s

95th percentile per-packet one-way delay: 86.209 ms

Loss rate: 24.71%

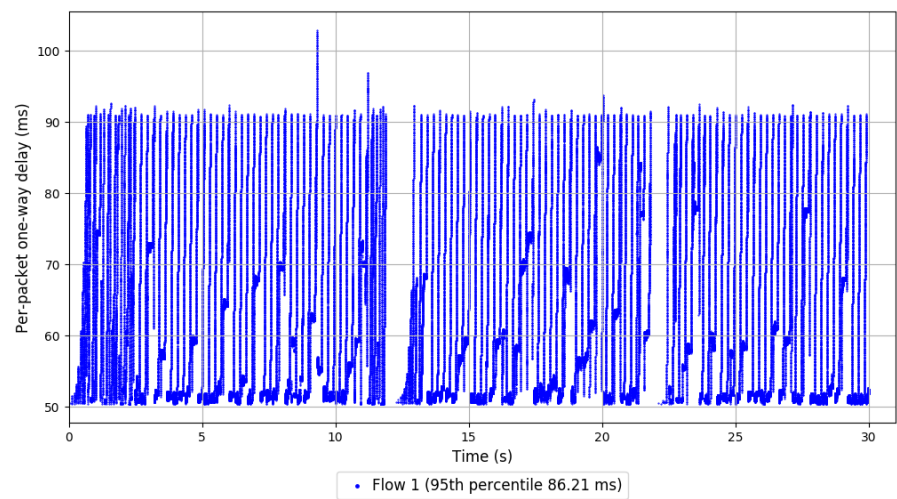
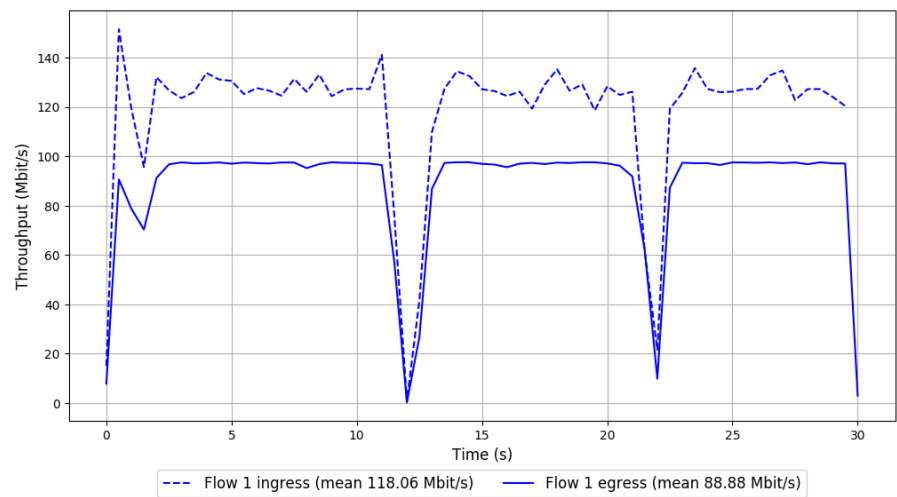
-- Flow 1:

Average throughput: 88.88 Mbit/s

95th percentile per-packet one-way delay: 86.209 ms

Loss rate: 24.71%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: 2017-09-03 07:14:56

End at: 2017-09-03 07:15:26

Local clock offset: 0.77 ms

Remote clock offset: -1.198 ms

Below is generated by plot.py at 2017-09-03 08:20:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.82 Mbit/s

95th percentile per-packet one-way delay: 87.669 ms

Loss rate: 24.71%

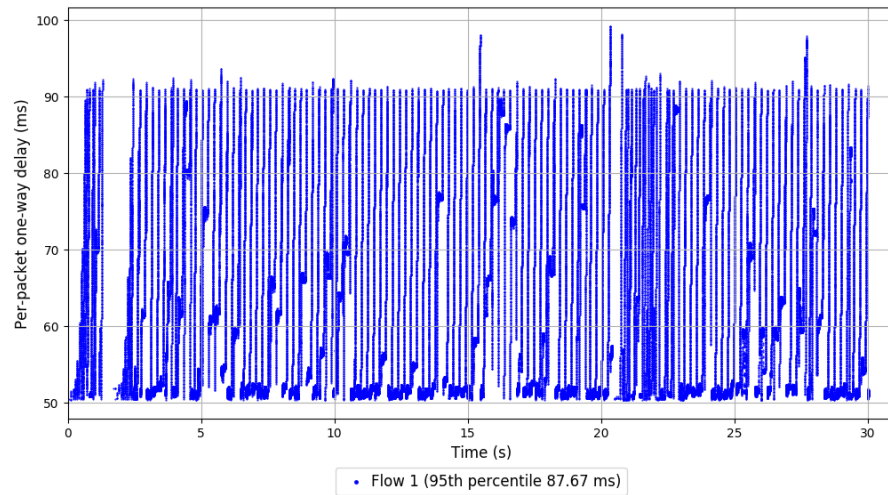
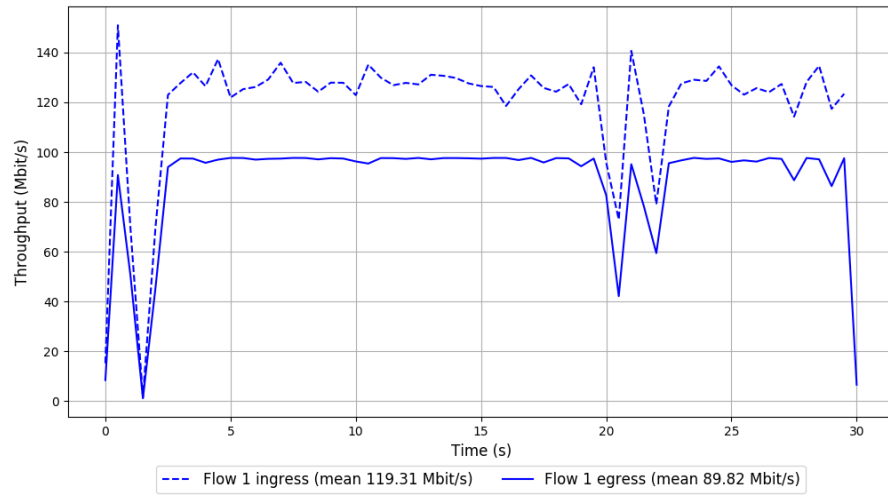
-- Flow 1:

Average throughput: 89.82 Mbit/s

95th percentile per-packet one-way delay: 87.669 ms

Loss rate: 24.71%

Run 9: Report of TCP BBR — Data Link

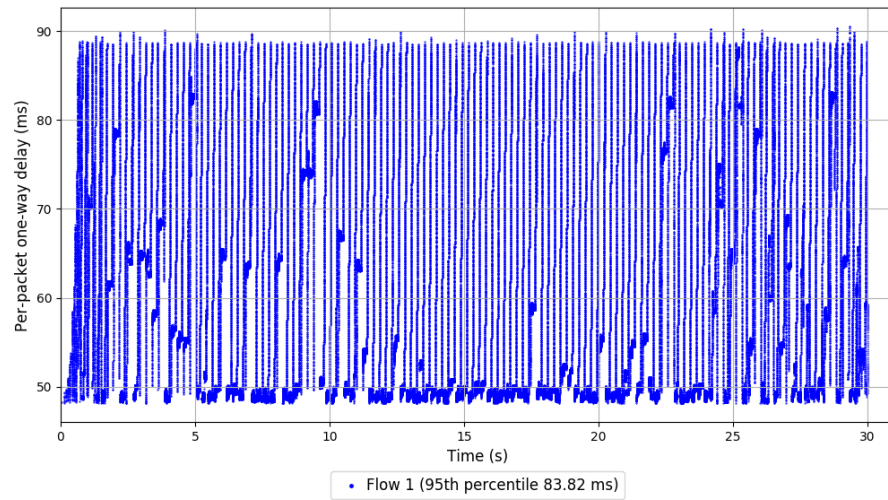
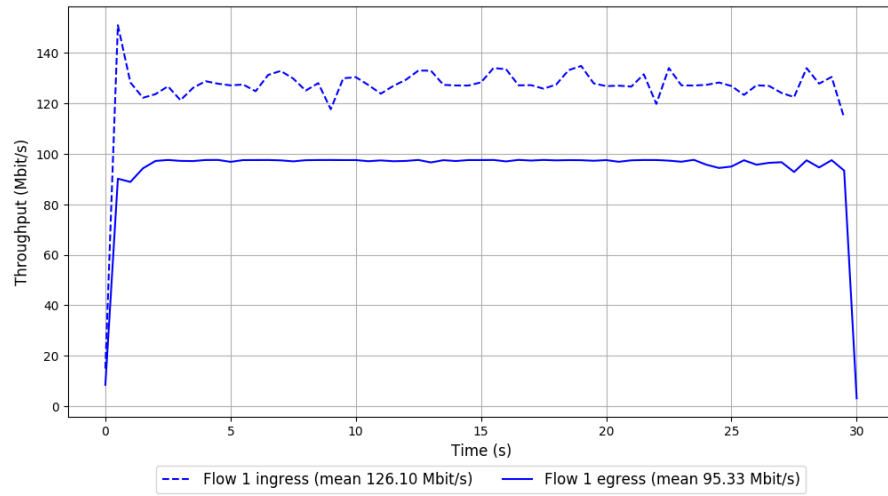


Run 10: Statistics of TCP BBR

Start at: 2017-09-03 07:35:10
End at: 2017-09-03 07:35:40
Local clock offset: 0.563 ms
Remote clock offset: -3.074 ms

Below is generated by plot.py at 2017-09-03 08:20:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.33 Mbit/s
95th percentile per-packet one-way delay: 83.821 ms
Loss rate: 24.40%
-- Flow 1:
Average throughput: 95.33 Mbit/s
95th percentile per-packet one-way delay: 83.821 ms
Loss rate: 24.40%

Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of CalibratedKoho

Start at: 2017-09-03 04:18:56

End at: 2017-09-03 04:19:26

Local clock offset: 0.03 ms

Remote clock offset: 0.139 ms

Below is generated by plot.py at 2017-09-03 08:20:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.22 Mbit/s

95th percentile per-packet one-way delay: 64.567 ms

Loss rate: 0.03%

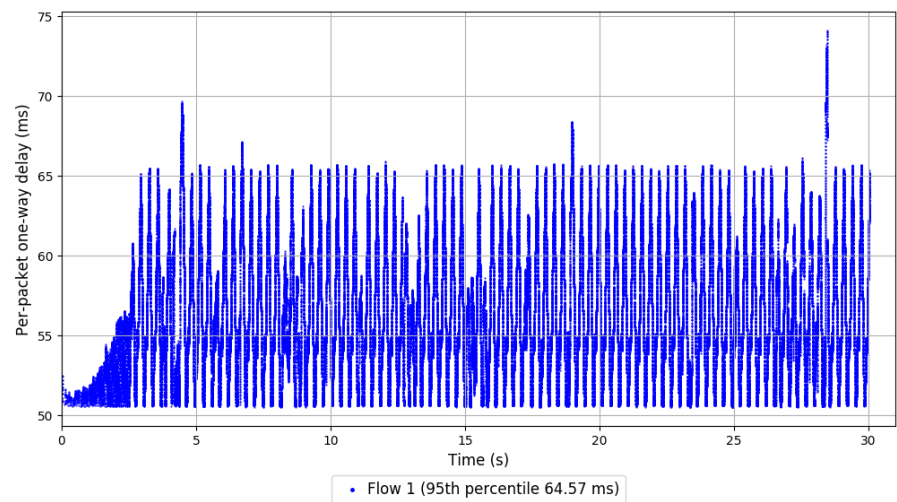
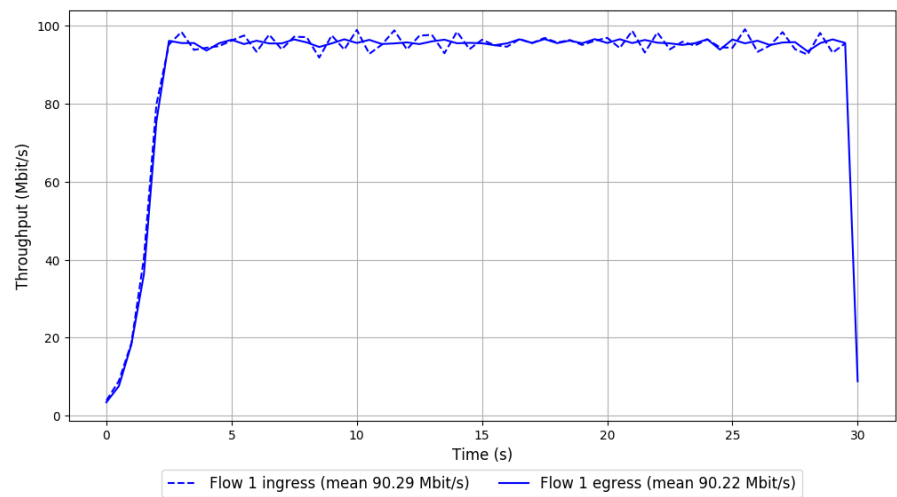
-- Flow 1:

Average throughput: 90.22 Mbit/s

95th percentile per-packet one-way delay: 64.567 ms

Loss rate: 0.03%

Run 1: Report of CalibratedKoho — Data Link

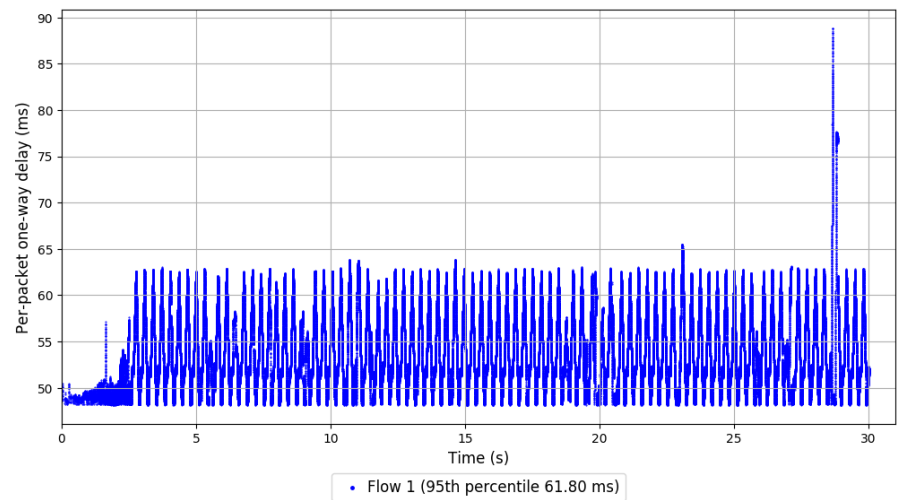
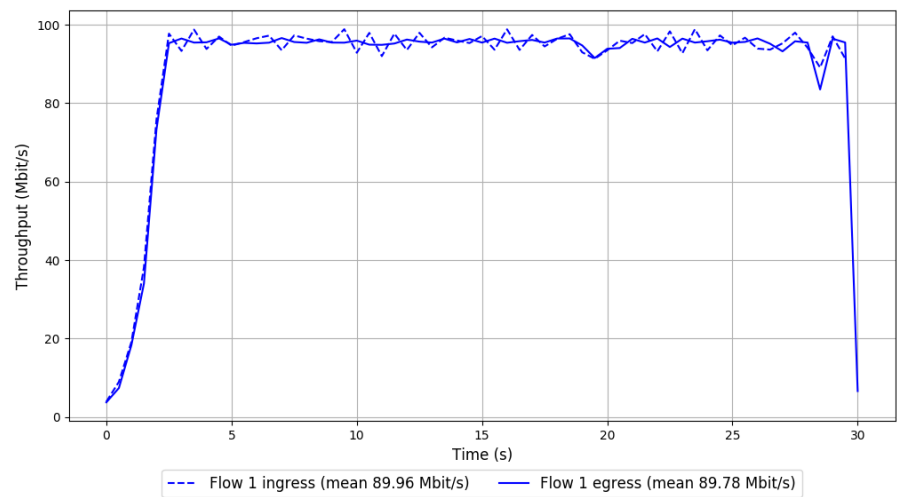


Run 2: Statistics of CalibratedKoho

Start at: 2017-09-03 04:40:02
End at: 2017-09-03 04:40:32
Local clock offset: 0.496 ms
Remote clock offset: -2.184 ms

Below is generated by plot.py at 2017-09-03 08:20:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.78 Mbit/s
95th percentile per-packet one-way delay: 61.803 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 89.78 Mbit/s
95th percentile per-packet one-way delay: 61.803 ms
Loss rate: 0.18%

Run 2: Report of CalibratedKoho — Data Link

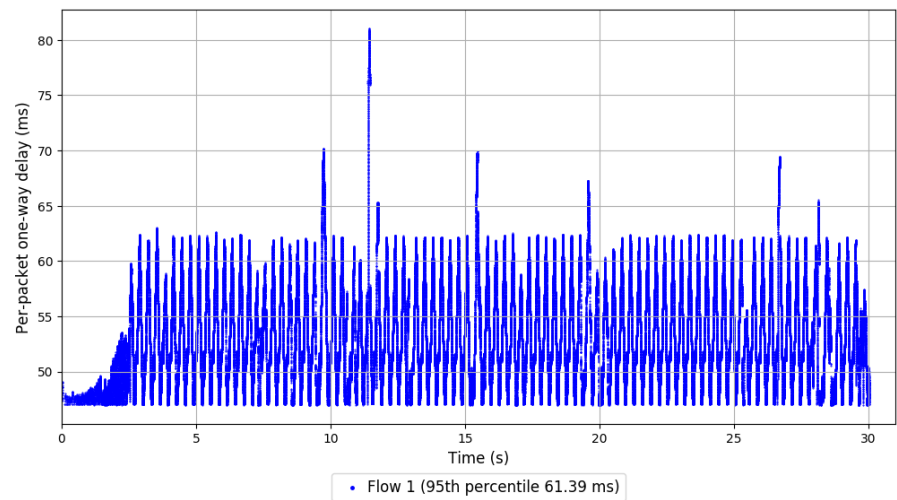
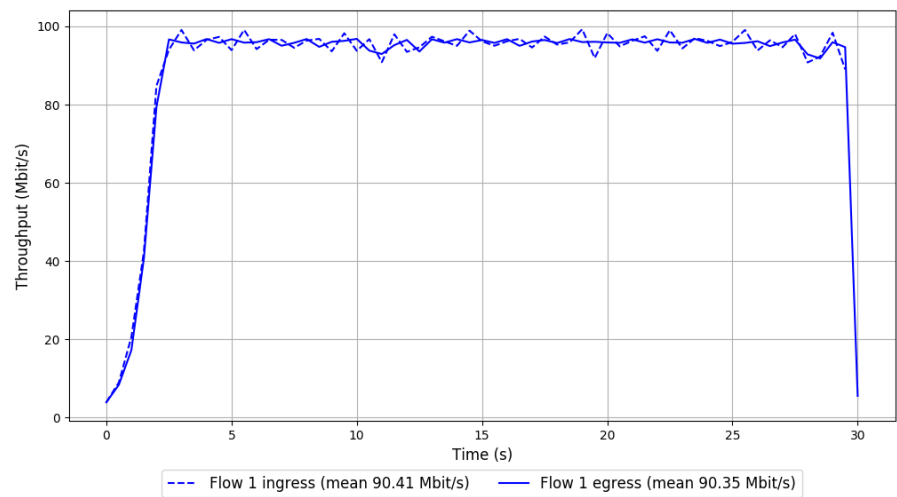


Run 3: Statistics of CalibratedKoho

Start at: 2017-09-03 05:01:03
End at: 2017-09-03 05:01:33
Local clock offset: 0.845 ms
Remote clock offset: -2.252 ms

Below is generated by plot.py at 2017-09-03 08:20:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.35 Mbit/s
95th percentile per-packet one-way delay: 61.387 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 90.35 Mbit/s
95th percentile per-packet one-way delay: 61.387 ms
Loss rate: 0.05%

Run 3: Report of CalibratedKoho — Data Link

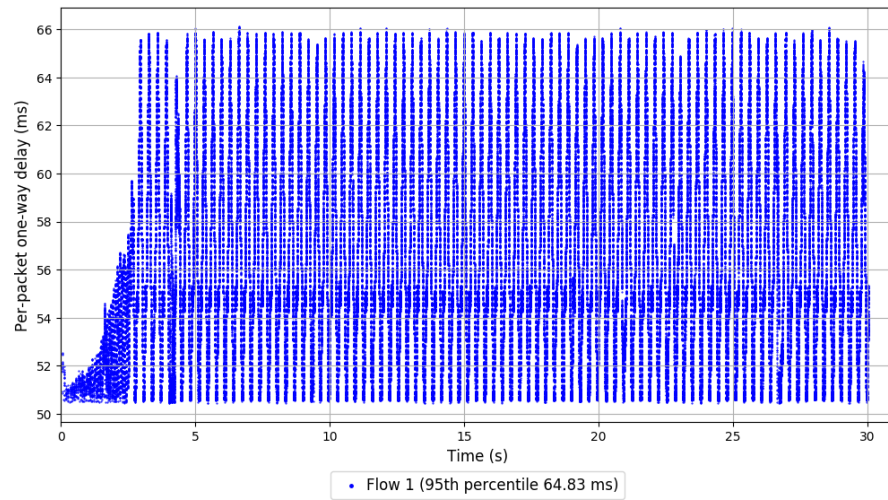
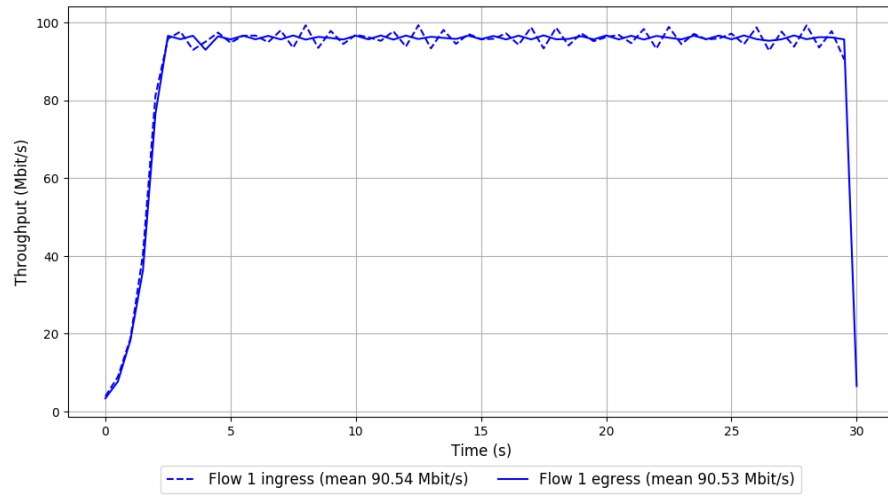


Run 4: Statistics of CalibratedKoho

Start at: 2017-09-03 05:22:09
End at: 2017-09-03 05:22:39
Local clock offset: 0.901 ms
Remote clock offset: -0.755 ms

Below is generated by plot.py at 2017-09-03 08:20:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.53 Mbit/s
95th percentile per-packet one-way delay: 64.828 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 90.53 Mbit/s
95th percentile per-packet one-way delay: 64.828 ms
Loss rate: 0.00%

Run 4: Report of CalibratedKoho — Data Link



Run 5: Statistics of CalibratedKoho

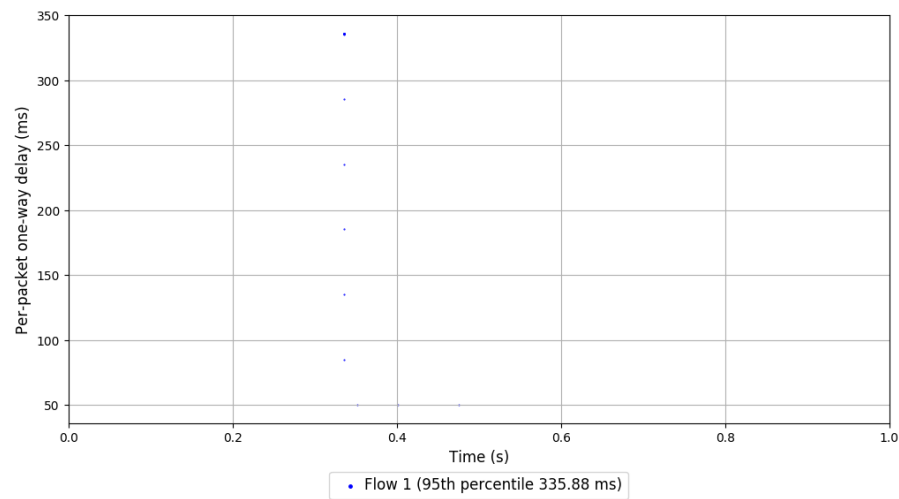
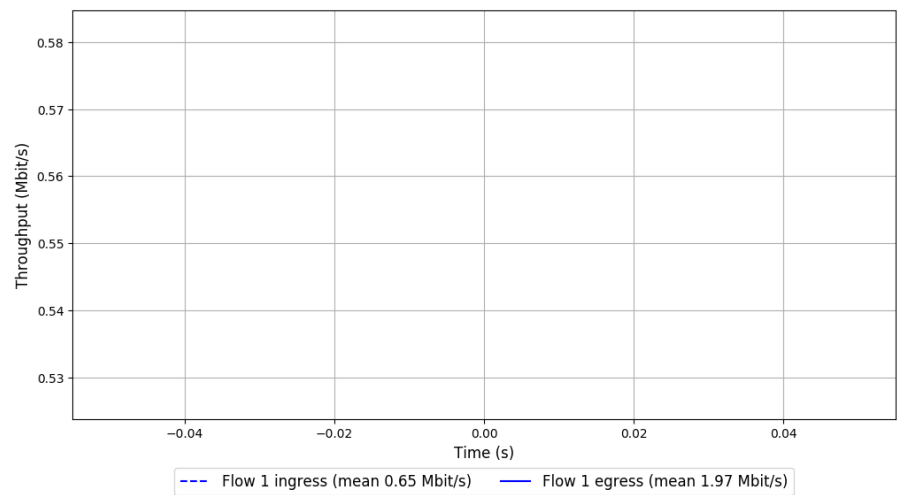
Start at: 2017-09-03 05:42:30

End at: 2017-09-03 05:43:00

Local clock offset: 0.885 ms

Remote clock offset: -1.135 ms

Run 5: Report of CalibratedKoho — Data Link

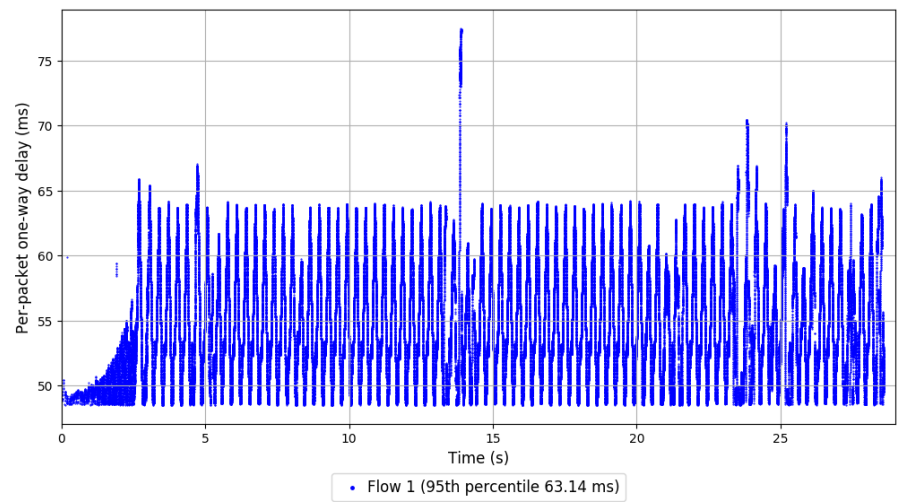
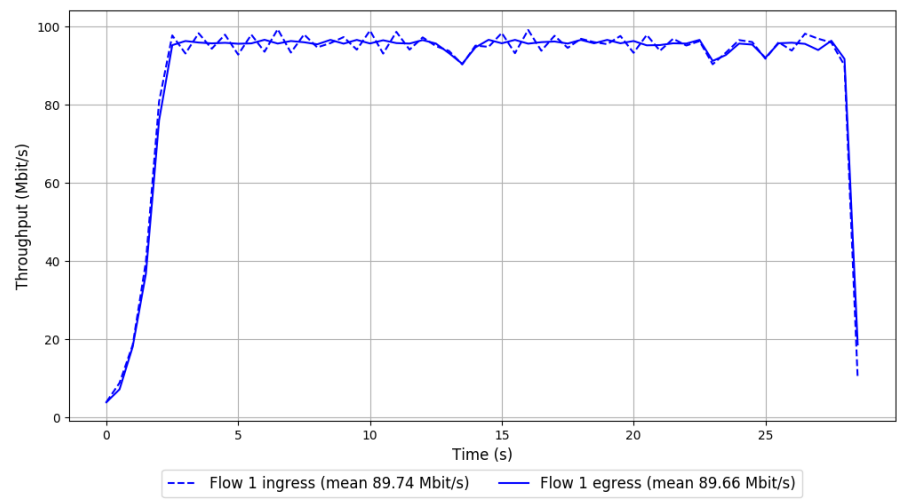


Run 6: Statistics of CalibratedKoho

Start at: 2017-09-03 06:03:30
End at: 2017-09-03 06:04:00
Local clock offset: 0.915 ms
Remote clock offset: -3.649 ms

Below is generated by plot.py at 2017-09-03 08:20:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.66 Mbit/s
95th percentile per-packet one-way delay: 63.142 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 89.66 Mbit/s
95th percentile per-packet one-way delay: 63.142 ms
Loss rate: 0.08%

Run 6: Report of CalibratedKoho — Data Link



Run 7: Statistics of CalibratedKoho

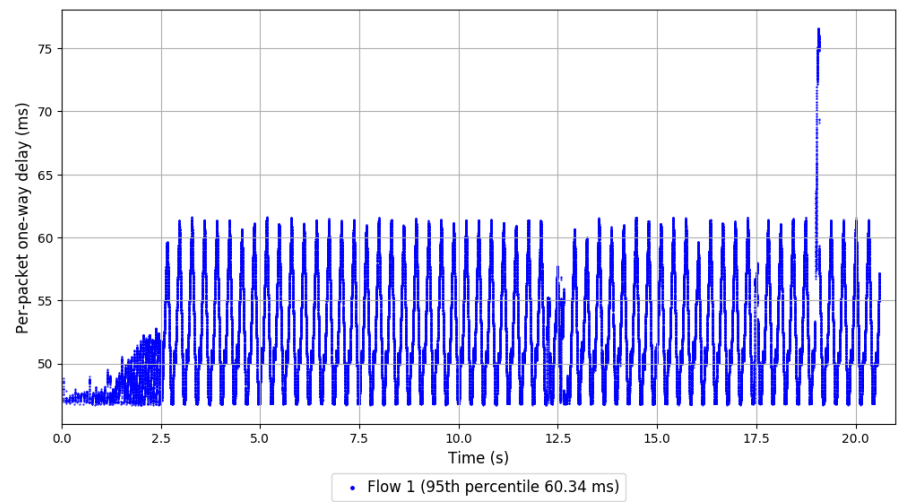
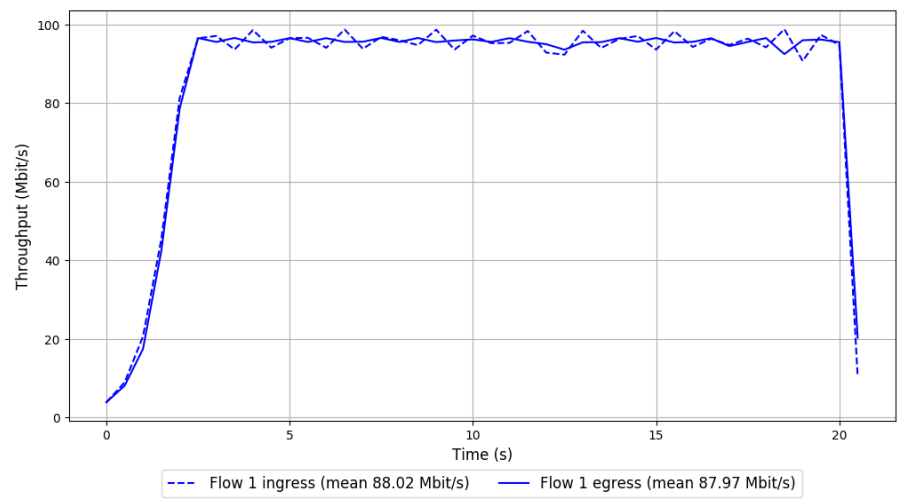
Start at: 2017-09-03 06:23:38

End at: 2017-09-03 06:24:08

Local clock offset: 1.132 ms

Remote clock offset: -3.758 ms

Run 7: Report of CalibratedKoho — Data Link

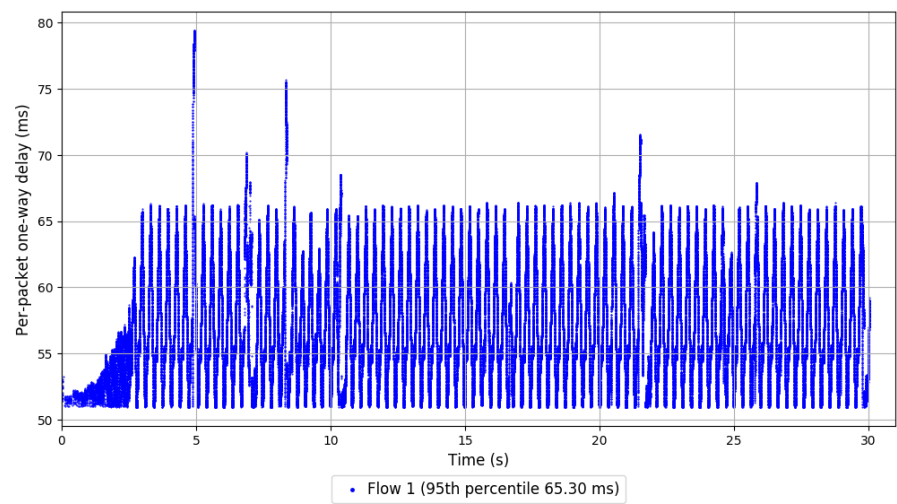
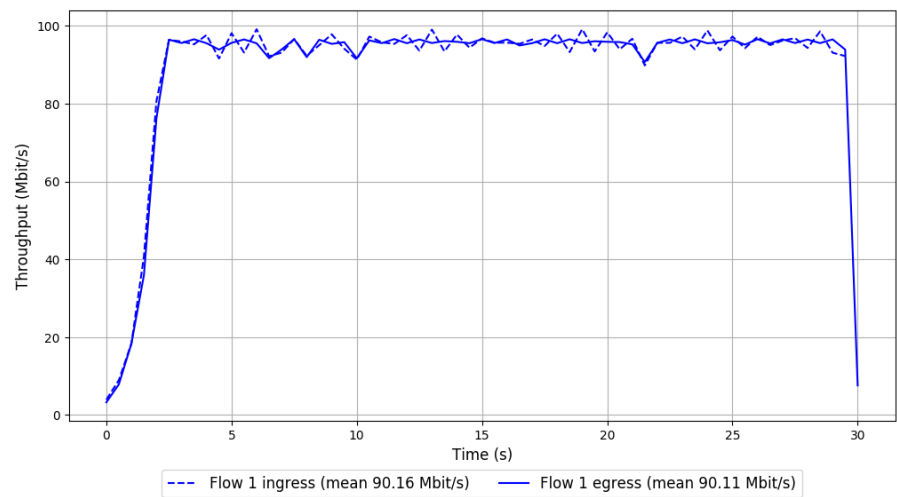


Run 8: Statistics of CalibratedKoho

Start at: 2017-09-03 06:43:51
End at: 2017-09-03 06:44:21
Local clock offset: 1.068 ms
Remote clock offset: -1.276 ms

Below is generated by plot.py at 2017-09-03 08:21:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.11 Mbit/s
95th percentile per-packet one-way delay: 65.297 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 90.11 Mbit/s
95th percentile per-packet one-way delay: 65.297 ms
Loss rate: 0.03%

Run 8: Report of CalibratedKoho — Data Link

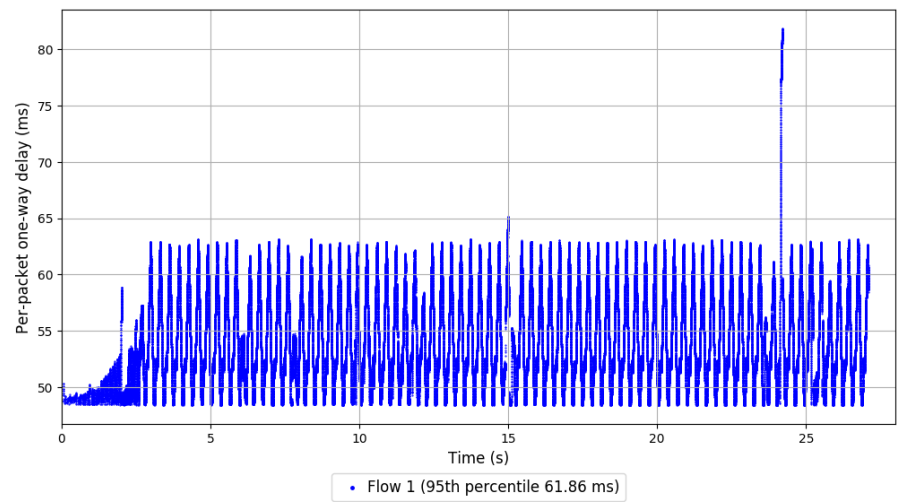
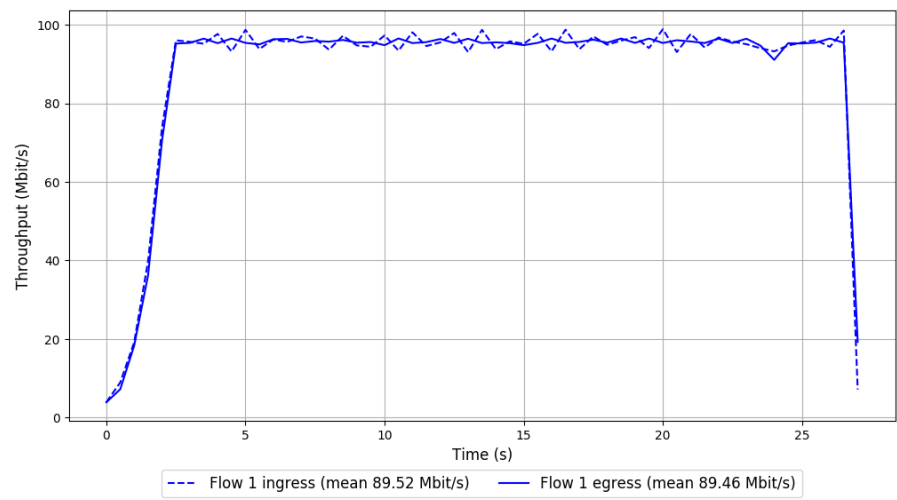


Run 9: Statistics of CalibratedKoho

Start at: 2017-09-03 07:04:11
End at: 2017-09-03 07:04:41
Local clock offset: 0.985 ms
Remote clock offset: -3.498 ms

Below is generated by plot.py at 2017-09-03 08:21:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.46 Mbit/s
95th percentile per-packet one-way delay: 61.863 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 89.46 Mbit/s
95th percentile per-packet one-way delay: 61.863 ms
Loss rate: 0.03%

Run 9: Report of CalibratedKoho — Data Link



Run 10: Statistics of CalibratedKoho

Start at: 2017-09-03 07:24:22

End at: 2017-09-03 07:24:52

Local clock offset: 0.767 ms

Remote clock offset: -1.097 ms

Below is generated by plot.py at 2017-09-03 08:21:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.26 Mbit/s

95th percentile per-packet one-way delay: 64.641 ms

Loss rate: 0.02%

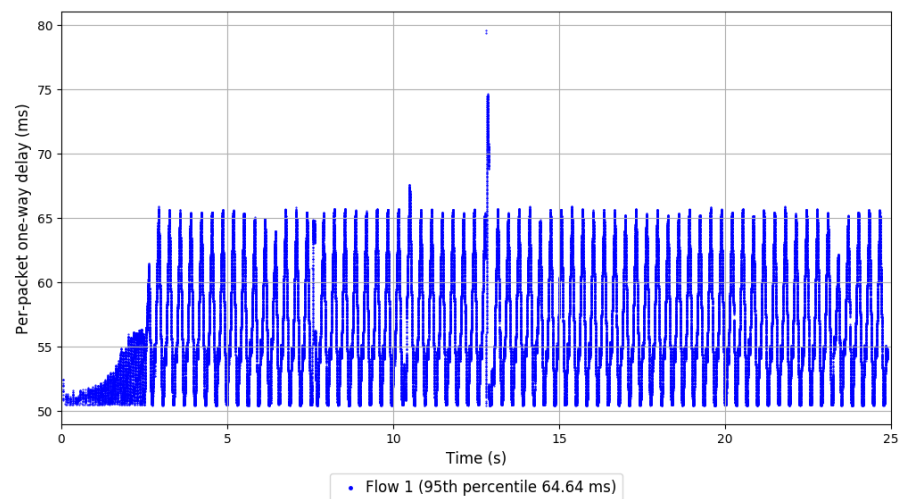
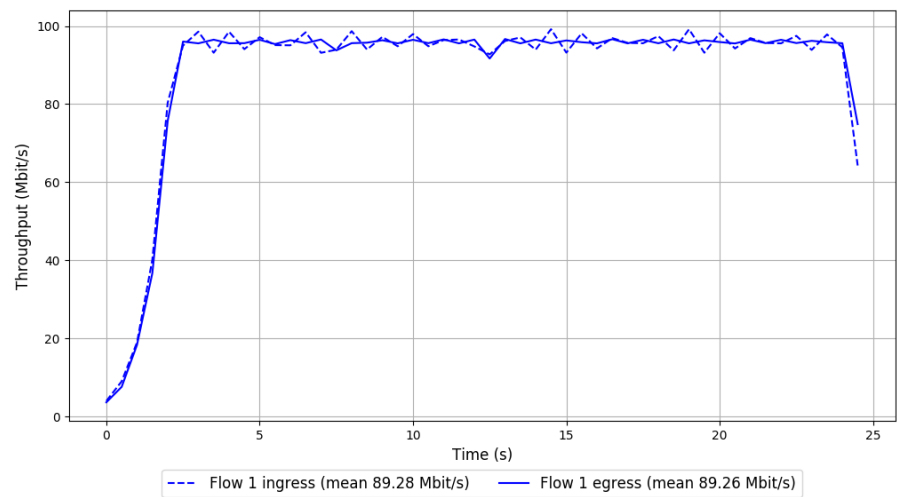
-- Flow 1:

Average throughput: 89.26 Mbit/s

95th percentile per-packet one-way delay: 64.641 ms

Loss rate: 0.02%

Run 10: Report of CalibratedKoho — Data Link



Run 1: Statistics of Copa

Start at: 2017-09-03 04:23:03

End at: 2017-09-03 04:23:33

Local clock offset: 0.109 ms

Remote clock offset: 0.139 ms

Below is generated by plot.py at 2017-09-03 08:21:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.15 Mbit/s

95th percentile per-packet one-way delay: 51.373 ms

Loss rate: 0.01%

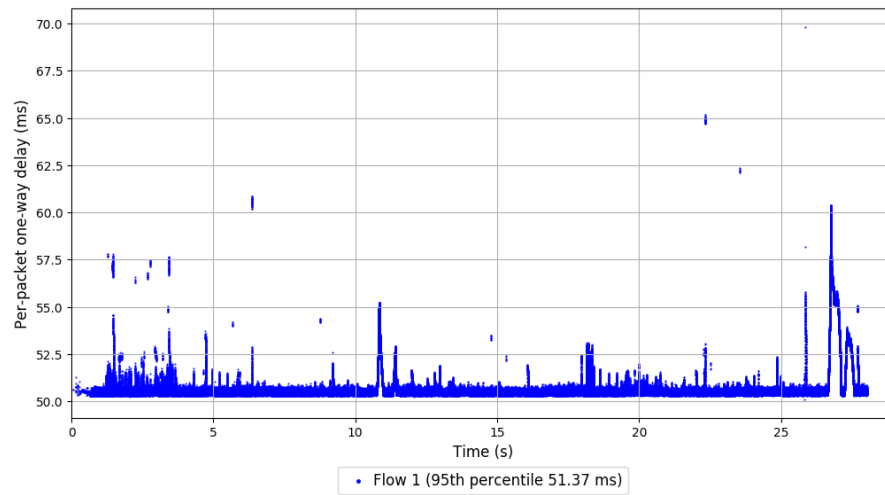
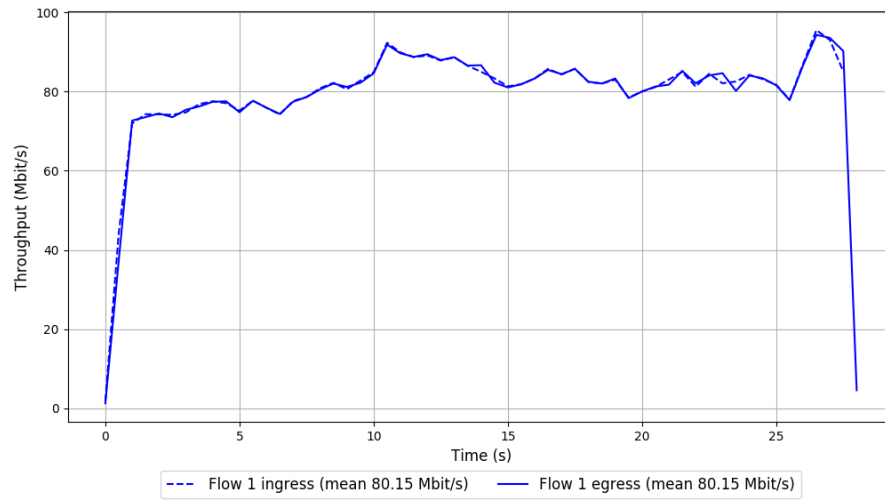
-- Flow 1:

Average throughput: 80.15 Mbit/s

95th percentile per-packet one-way delay: 51.373 ms

Loss rate: 0.01%

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: 2017-09-03 04:44:13

End at: 2017-09-03 04:44:43

Local clock offset: 0.618 ms

Remote clock offset: 0.426 ms

Below is generated by plot.py at 2017-09-03 08:21:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.67 Mbit/s

95th percentile per-packet one-way delay: 53.834 ms

Loss rate: 0.00%

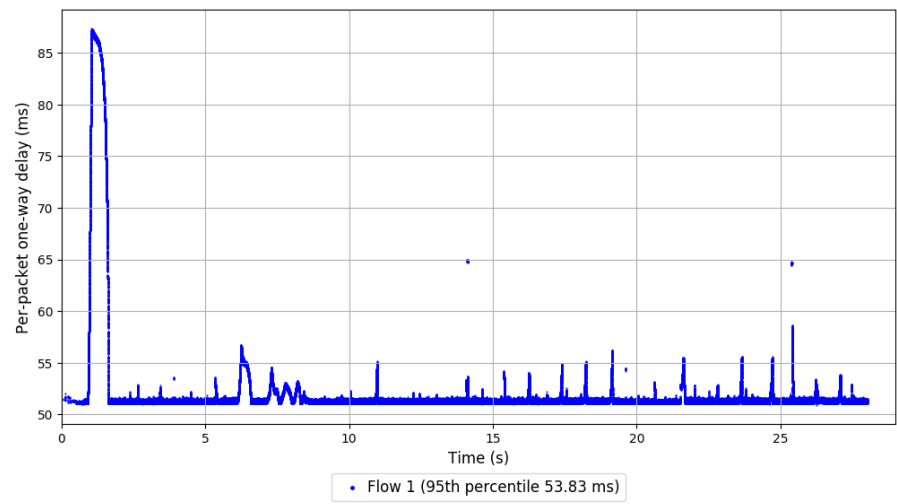
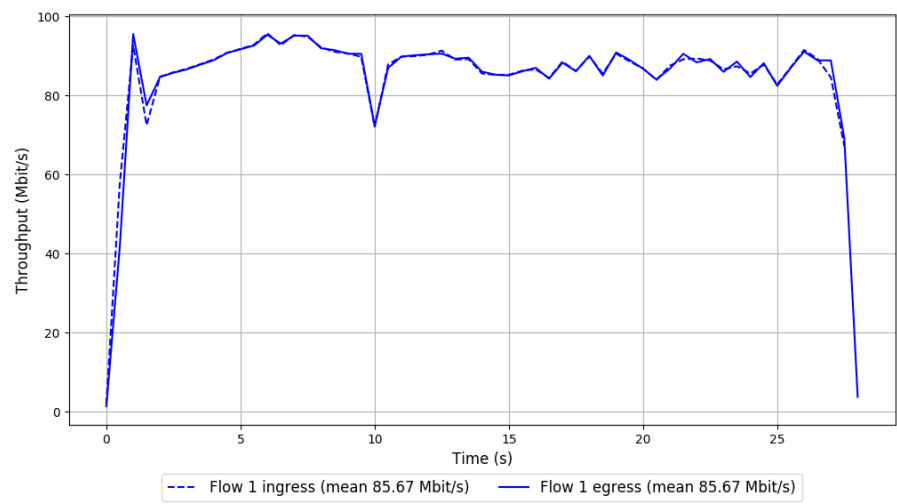
-- Flow 1:

Average throughput: 85.67 Mbit/s

95th percentile per-packet one-way delay: 53.834 ms

Loss rate: 0.00%

Run 2: Report of Copa — Data Link

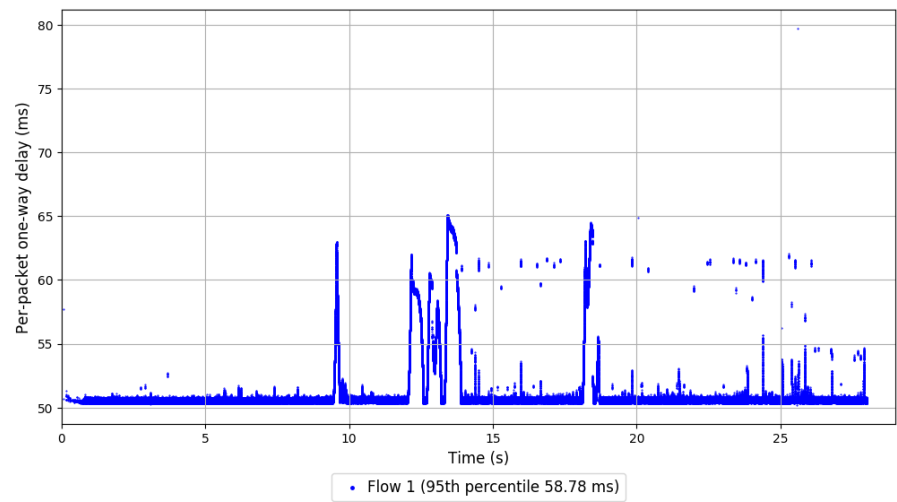
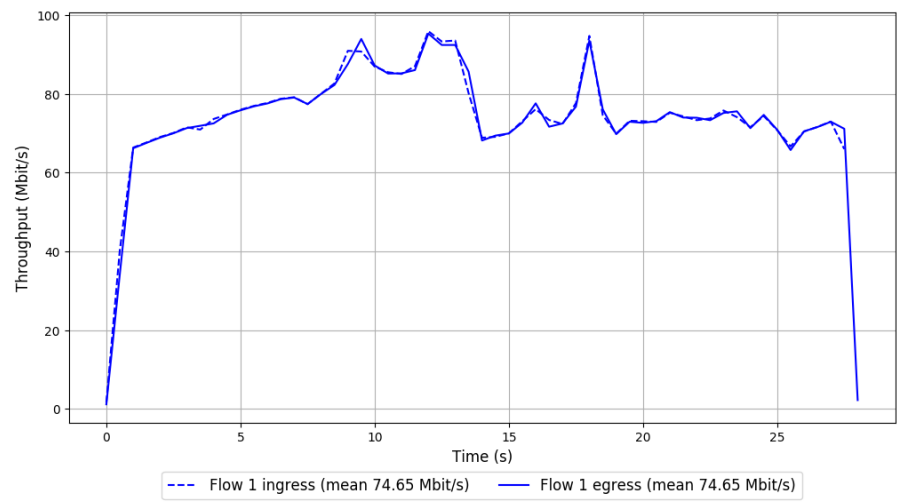


Run 3: Statistics of Copa

Start at: 2017-09-03 05:05:15
End at: 2017-09-03 05:05:45
Local clock offset: 0.86 ms
Remote clock offset: -0.339 ms

Below is generated by plot.py at 2017-09-03 08:21:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.65 Mbit/s
95th percentile per-packet one-way delay: 58.784 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 74.65 Mbit/s
95th percentile per-packet one-way delay: 58.784 ms
Loss rate: 0.03%

Run 3: Report of Copa — Data Link

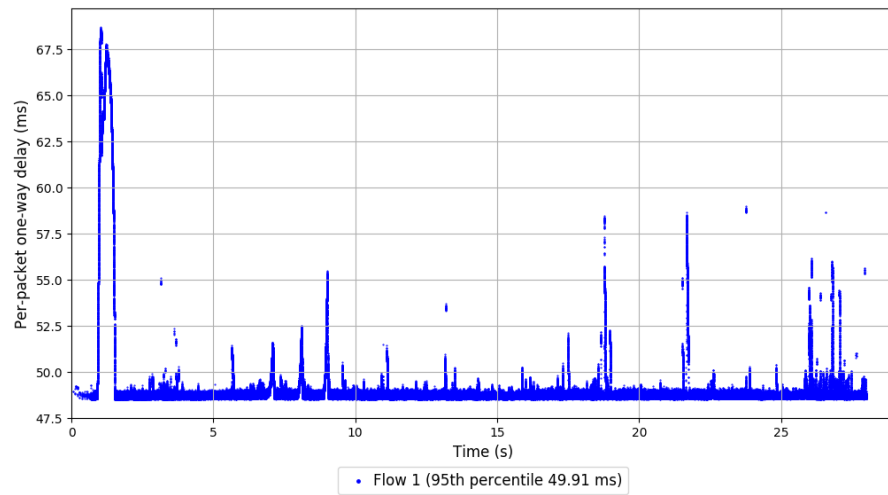
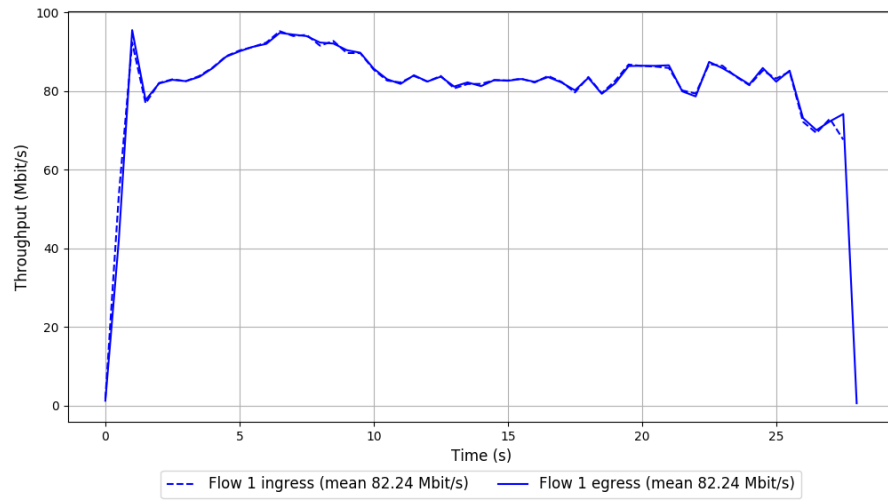


Run 4: Statistics of Copa

Start at: 2017-09-03 05:26:16
End at: 2017-09-03 05:26:47
Local clock offset: 0.793 ms
Remote clock offset: -2.856 ms

Below is generated by plot.py at 2017-09-03 08:21:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.24 Mbit/s
95th percentile per-packet one-way delay: 49.910 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 82.24 Mbit/s
95th percentile per-packet one-way delay: 49.910 ms
Loss rate: 0.02%

Run 4: Report of Copa — Data Link

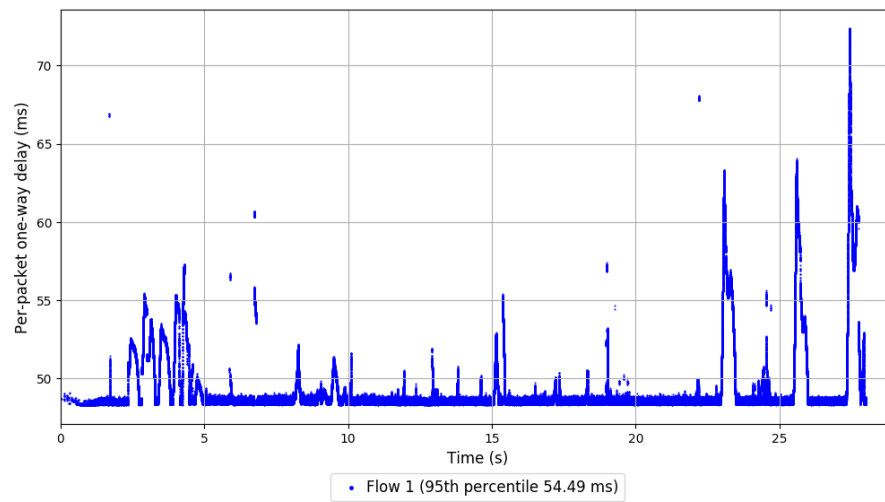
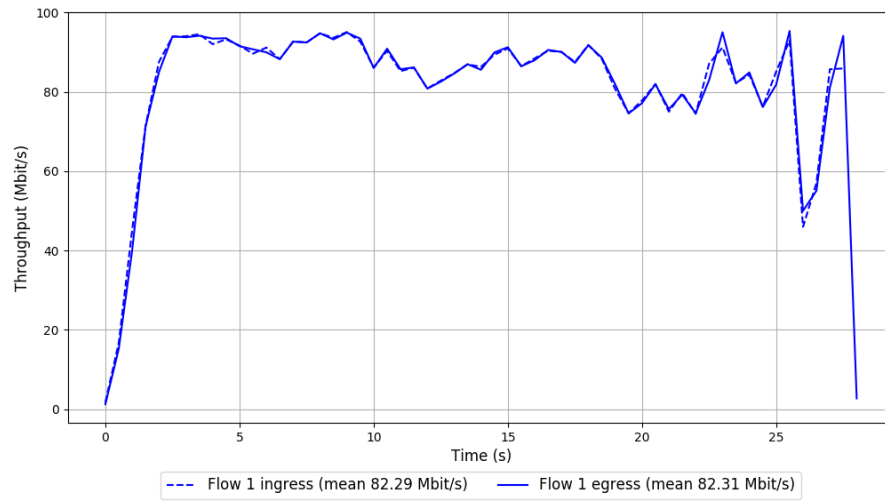


Run 5: Statistics of Copa

Start at: 2017-09-03 05:46:25
End at: 2017-09-03 05:46:55
Local clock offset: 0.786 ms
Remote clock offset: -3.294 ms

Below is generated by plot.py at 2017-09-03 08:21:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.31 Mbit/s
95th percentile per-packet one-way delay: 54.493 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 82.31 Mbit/s
95th percentile per-packet one-way delay: 54.493 ms
Loss rate: 0.00%

Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

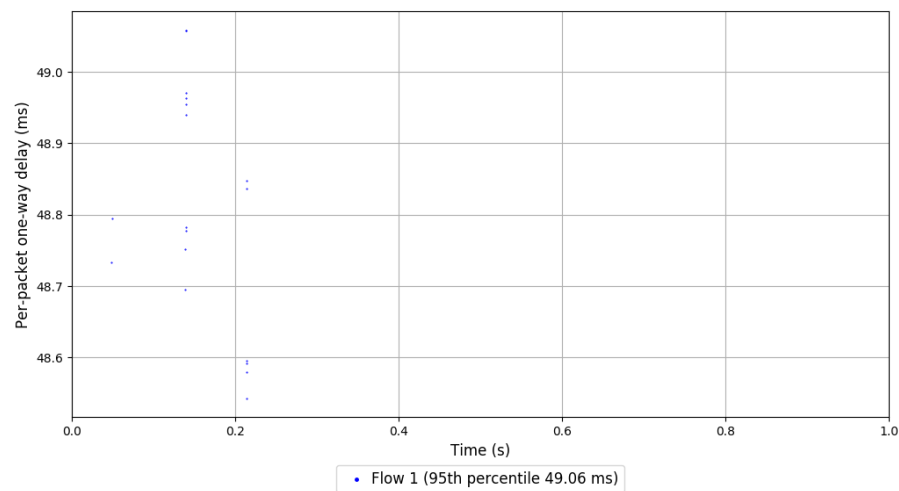
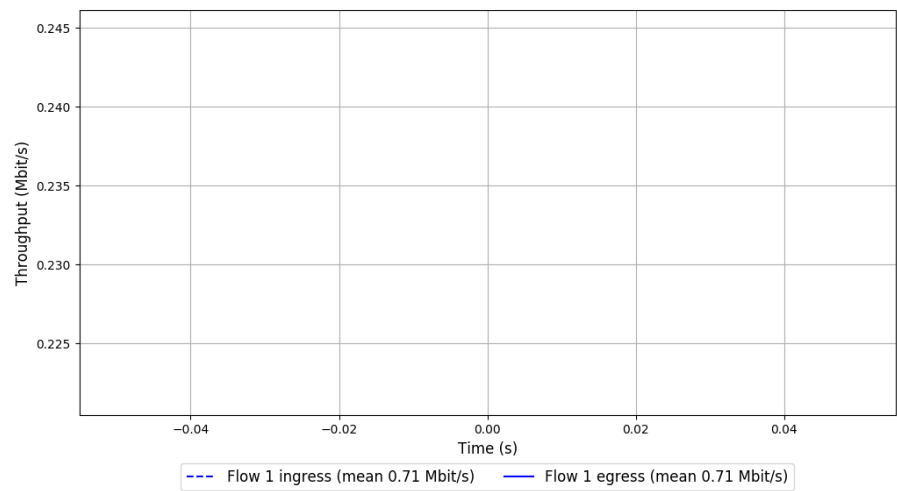
Start at: 2017-09-03 06:07:33

End at: 2017-09-03 06:08:03

Local clock offset: 1.028 ms

Remote clock offset: -3.72 ms

Run 6: Report of Copa — Data Link

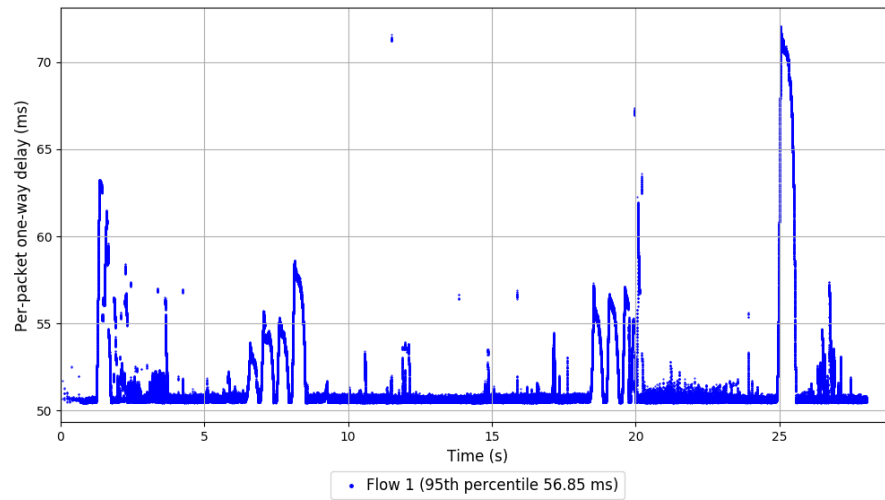
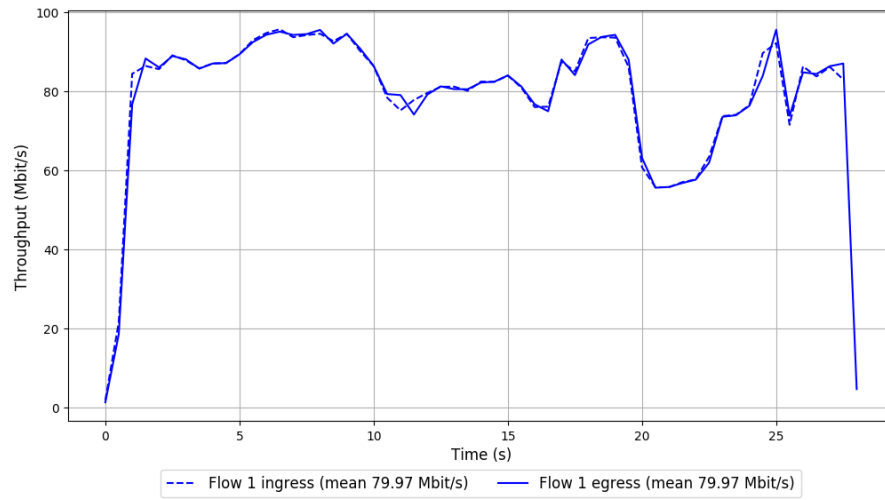


Run 7: Statistics of Copa

Start at: 2017-09-03 06:27:38
End at: 2017-09-03 06:28:08
Local clock offset: 1.004 ms
Remote clock offset: -1.582 ms

Below is generated by plot.py at 2017-09-03 08:22:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 79.97 Mbit/s
95th percentile per-packet one-way delay: 56.852 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 79.97 Mbit/s
95th percentile per-packet one-way delay: 56.852 ms
Loss rate: 0.00%

Run 7: Report of Copa — Data Link

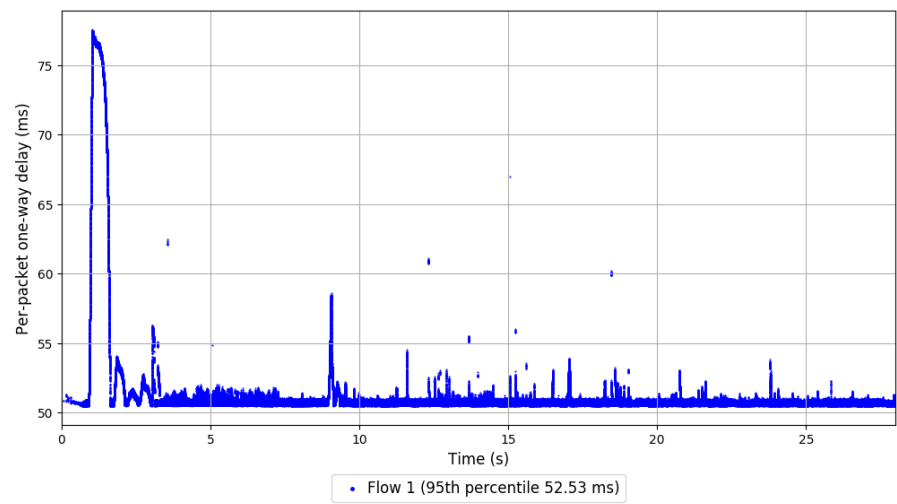
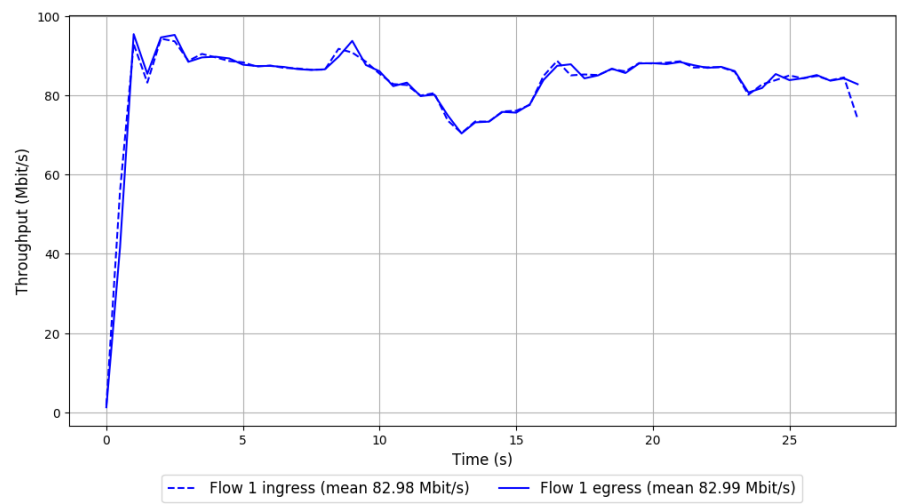


Run 8: Statistics of Copa

Start at: 2017-09-03 06:47:54
End at: 2017-09-03 06:48:24
Local clock offset: 0.99 ms
Remote clock offset: -1.776 ms

Below is generated by plot.py at 2017-09-03 08:22:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.99 Mbit/s
95th percentile per-packet one-way delay: 52.526 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 82.99 Mbit/s
95th percentile per-packet one-way delay: 52.526 ms
Loss rate: 0.00%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

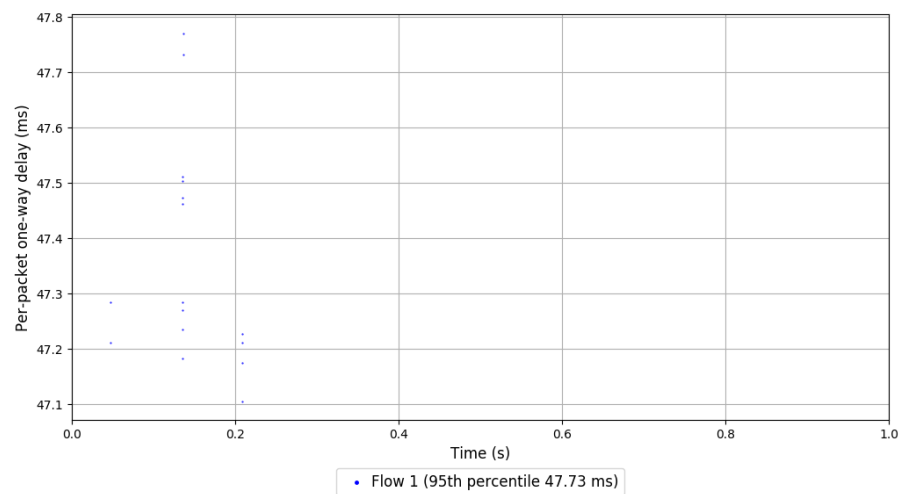
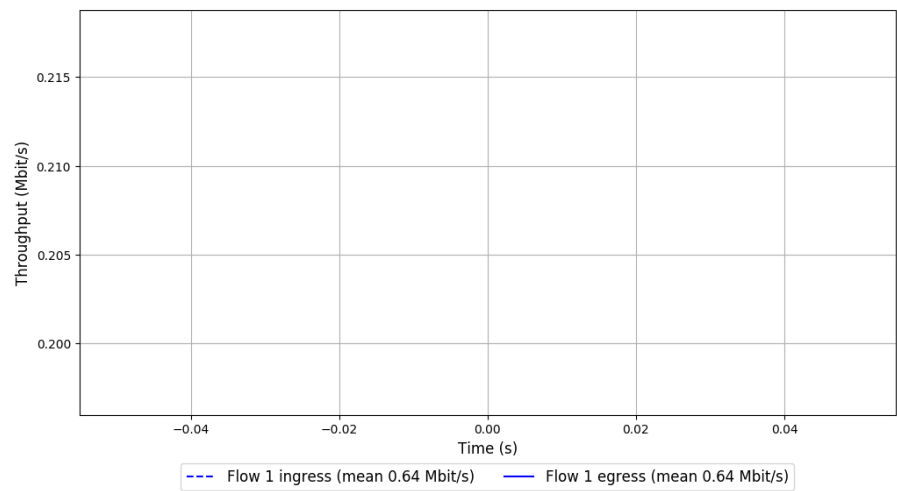
Start at: 2017-09-03 07:08:14

End at: 2017-09-03 07:08:44

Local clock offset: 0.944 ms

Remote clock offset: -3.382 ms

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: 2017-09-03 07:28:22

End at: 2017-09-03 07:28:52

Local clock offset: 0.597 ms

Remote clock offset: -3.043 ms

Below is generated by plot.py at 2017-09-03 08:22:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.37 Mbit/s

95th percentile per-packet one-way delay: 52.206 ms

Loss rate: 0.02%

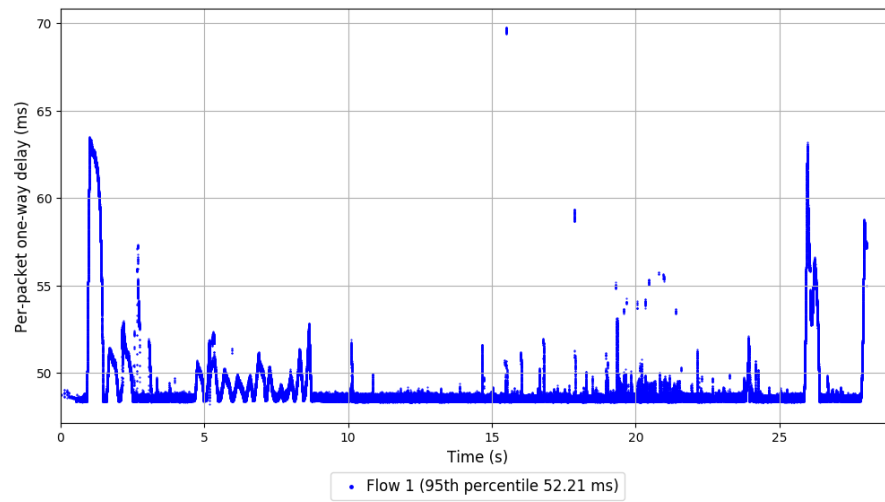
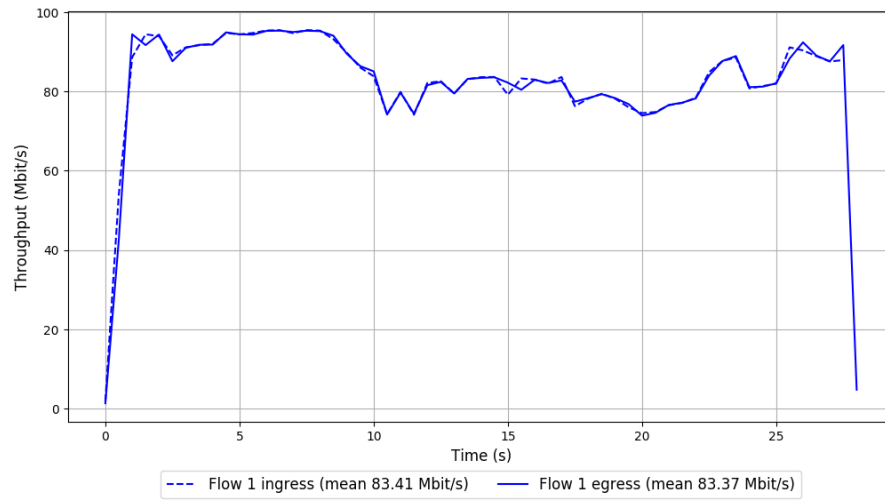
-- Flow 1:

Average throughput: 83.37 Mbit/s

95th percentile per-packet one-way delay: 52.206 ms

Loss rate: 0.02%

Run 10: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

Start at: 2017-09-03 04:21:39

End at: 2017-09-03 04:22:09

Local clock offset: 0.098 ms

Remote clock offset: 0.066 ms

Below is generated by plot.py at 2017-09-03 08:22:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.84 Mbit/s

95th percentile per-packet one-way delay: 84.020 ms

Loss rate: 0.32%

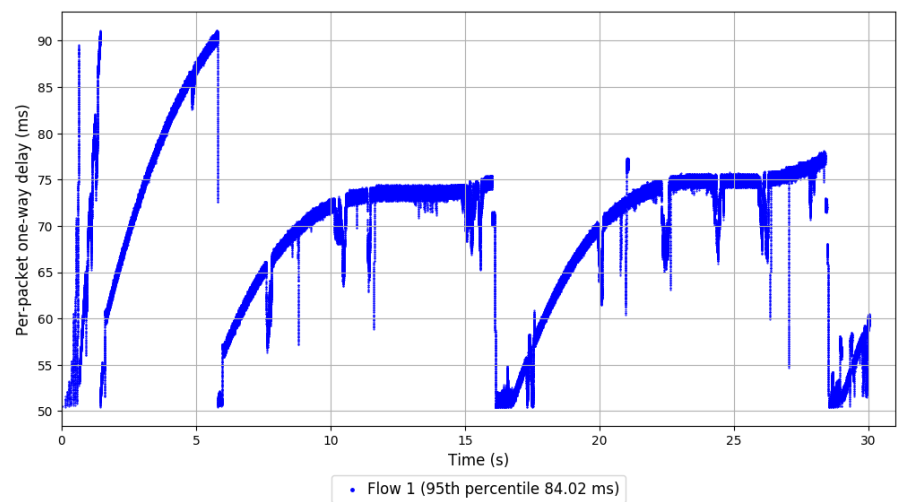
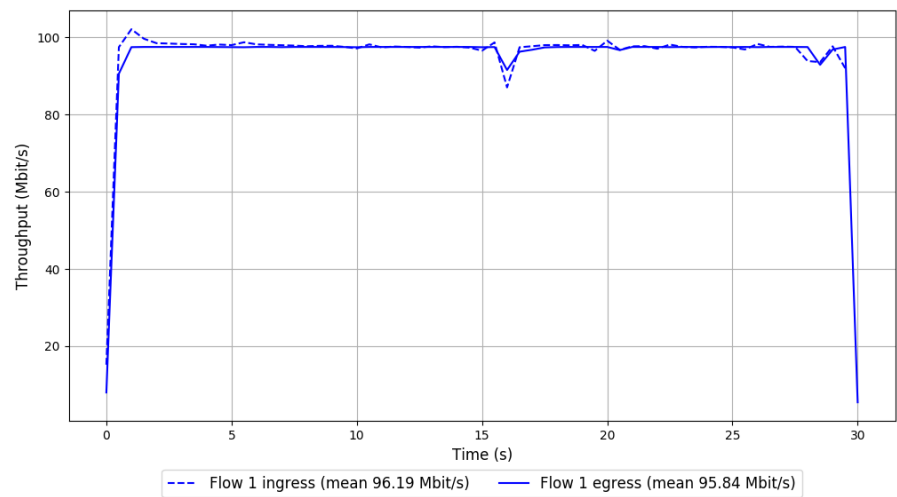
-- Flow 1:

Average throughput: 95.84 Mbit/s

95th percentile per-packet one-way delay: 84.020 ms

Loss rate: 0.32%

Run 1: Report of TCP Cubic — Data Link

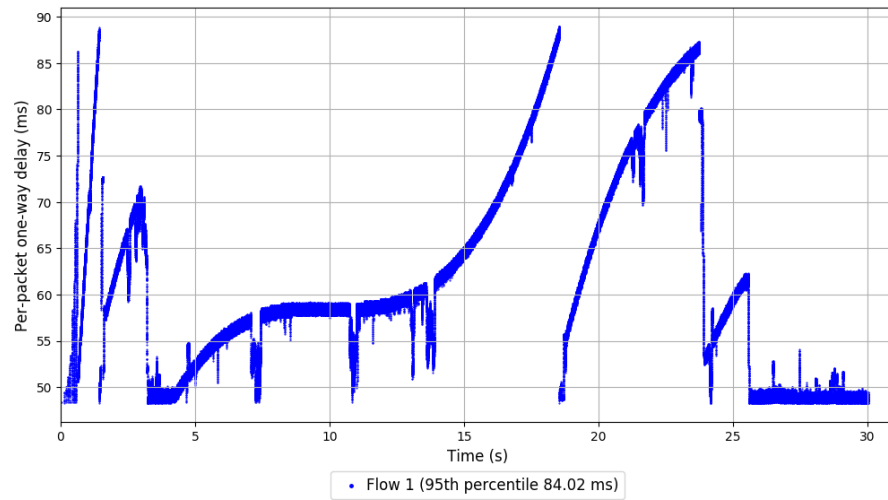
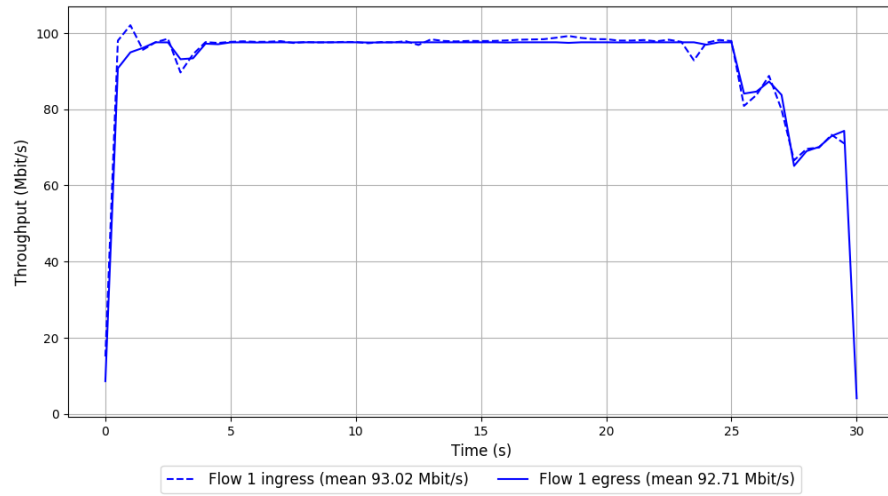


Run 2: Statistics of TCP Cubic

Start at: 2017-09-03 04:42:49
End at: 2017-09-03 04:43:19
Local clock offset: 0.615 ms
Remote clock offset: -2.058 ms

Below is generated by plot.py at 2017-09-03 08:22:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.71 Mbit/s
95th percentile per-packet one-way delay: 84.016 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 92.71 Mbit/s
95th percentile per-packet one-way delay: 84.016 ms
Loss rate: 0.34%

Run 2: Report of TCP Cubic — Data Link

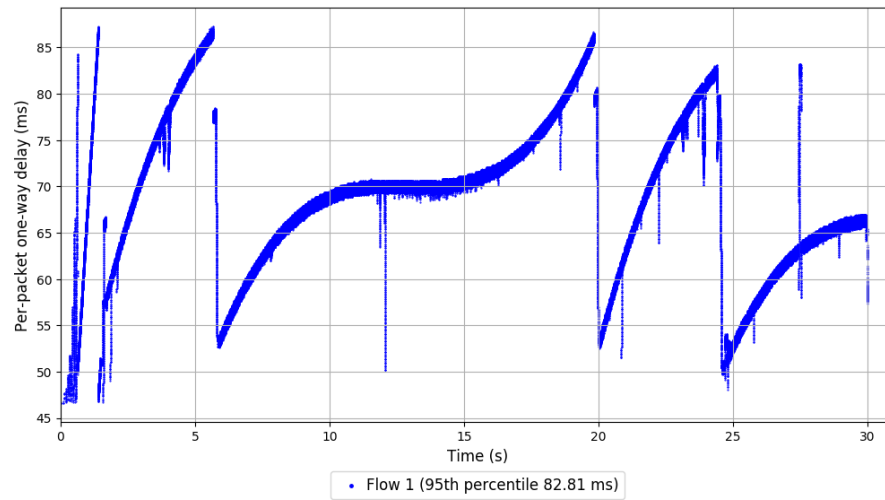
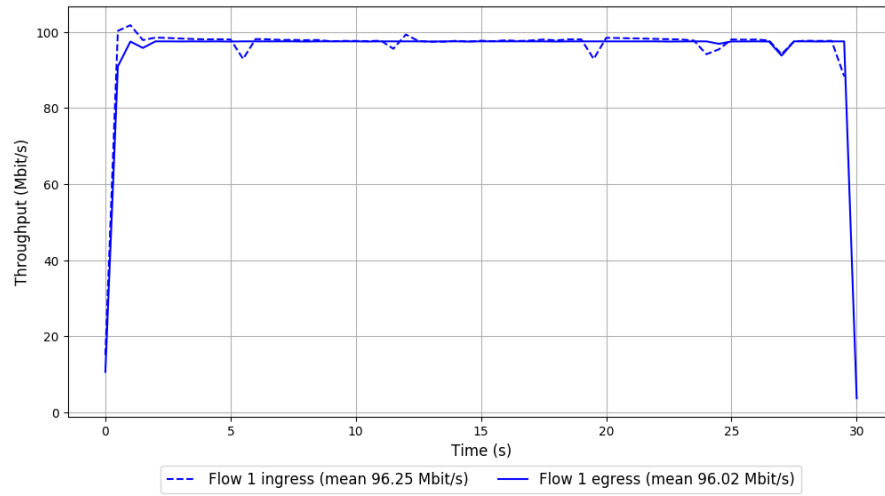


Run 3: Statistics of TCP Cubic

Start at: 2017-09-03 05:03:48
End at: 2017-09-03 05:04:18
Local clock offset: 0.949 ms
Remote clock offset: -2.505 ms

Below is generated by plot.py at 2017-09-03 08:22:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.02 Mbit/s
95th percentile per-packet one-way delay: 82.811 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 96.02 Mbit/s
95th percentile per-packet one-way delay: 82.811 ms
Loss rate: 0.21%

Run 3: Report of TCP Cubic — Data Link

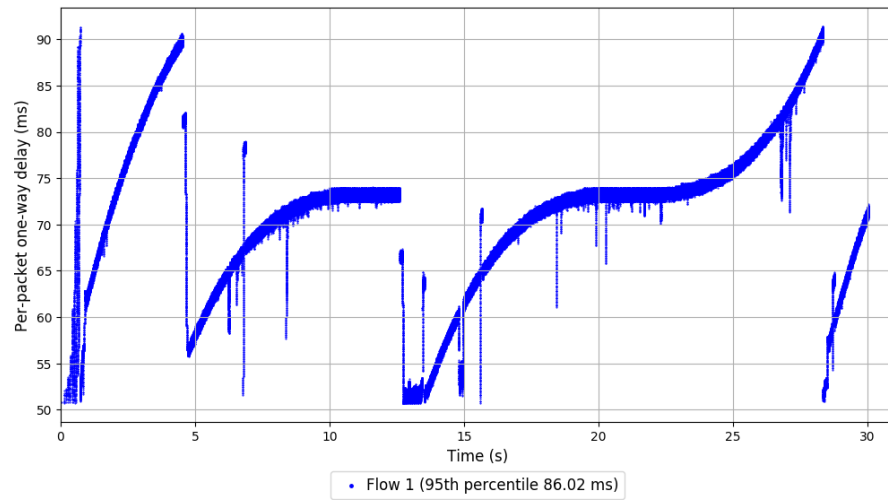
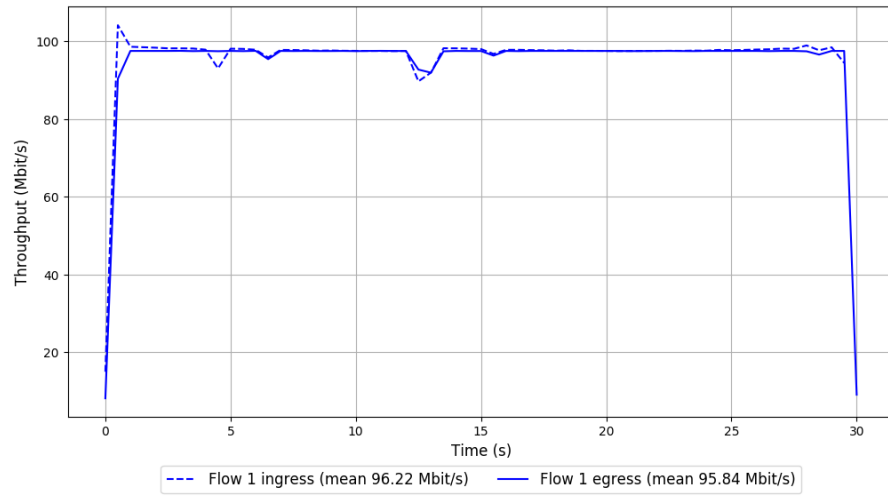


Run 4: Statistics of TCP Cubic

Start at: 2017-09-03 05:24:53
End at: 2017-09-03 05:25:23
Local clock offset: 0.789 ms
Remote clock offset: -0.395 ms

Below is generated by plot.py at 2017-09-03 08:23:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.84 Mbit/s
95th percentile per-packet one-way delay: 86.021 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 95.84 Mbit/s
95th percentile per-packet one-way delay: 86.021 ms
Loss rate: 0.35%

Run 4: Report of TCP Cubic — Data Link

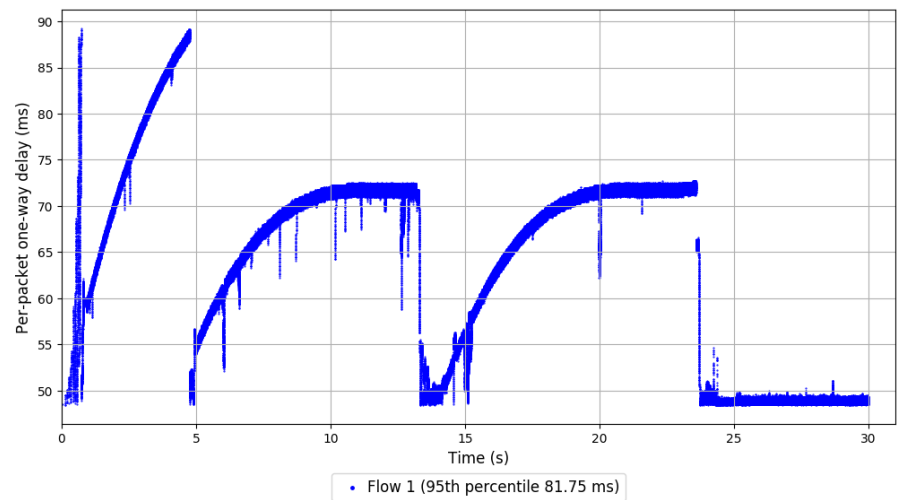
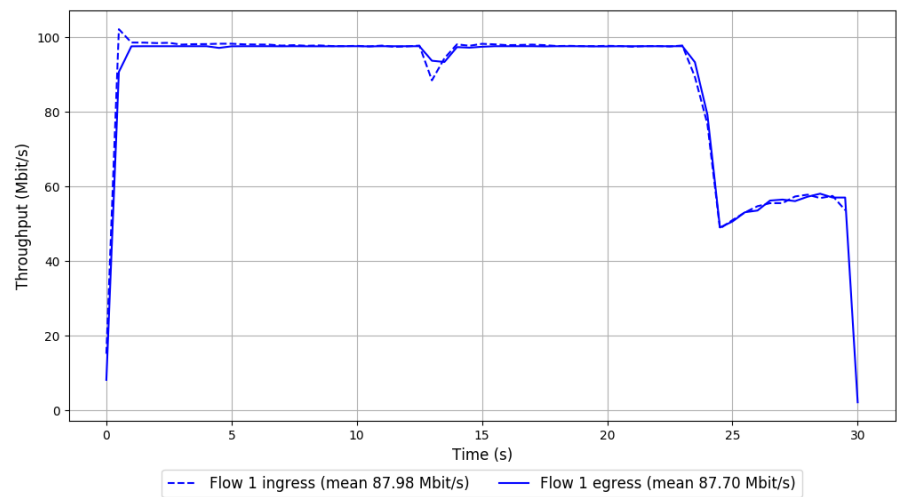


Run 5: Statistics of TCP Cubic

Start at: 2017-09-03 05:45:03
End at: 2017-09-03 05:45:33
Local clock offset: 0.797 ms
Remote clock offset: -3.311 ms

Below is generated by plot.py at 2017-09-03 08:23:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.70 Mbit/s
95th percentile per-packet one-way delay: 81.748 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 87.70 Mbit/s
95th percentile per-packet one-way delay: 81.748 ms
Loss rate: 0.32%

Run 5: Report of TCP Cubic — Data Link

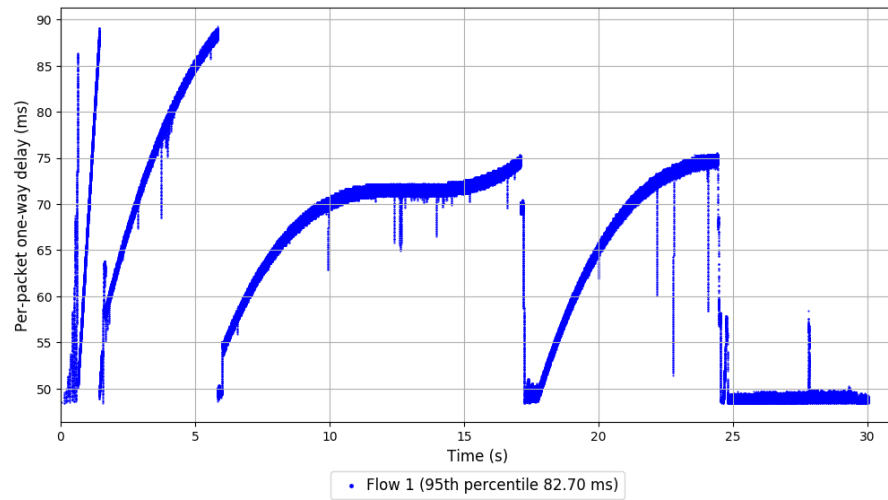
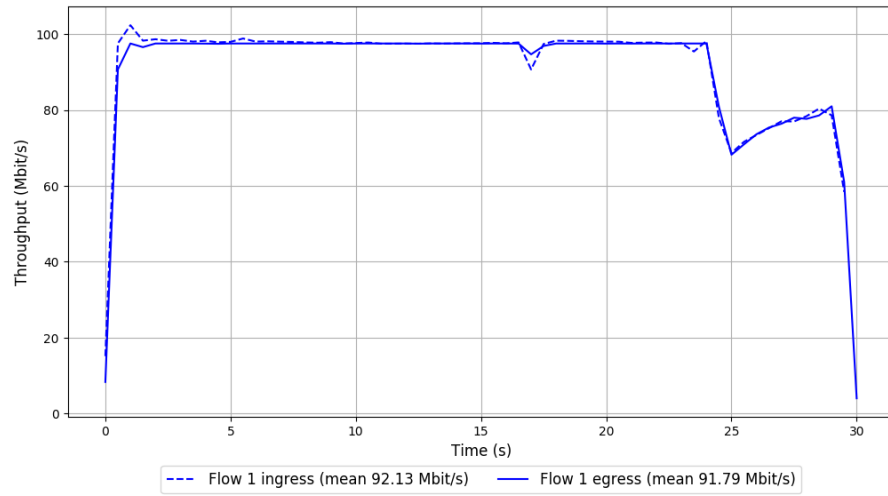


Run 6: Statistics of TCP Cubic

Start at: 2017-09-03 06:06:10
End at: 2017-09-03 06:06:40
Local clock offset: 1.02 ms
Remote clock offset: -3.645 ms

Below is generated by plot.py at 2017-09-03 08:23:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.79 Mbit/s
95th percentile per-packet one-way delay: 82.703 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 91.79 Mbit/s
95th percentile per-packet one-way delay: 82.703 ms
Loss rate: 0.37%

Run 6: Report of TCP Cubic — Data Link

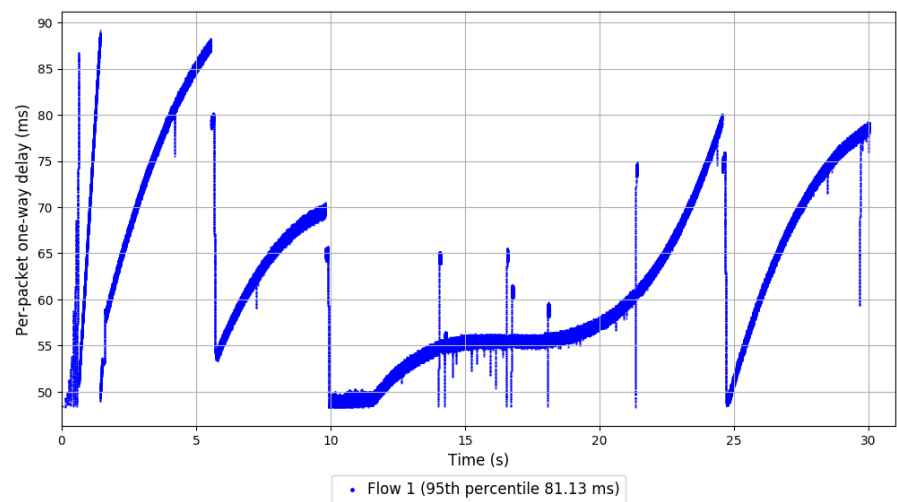
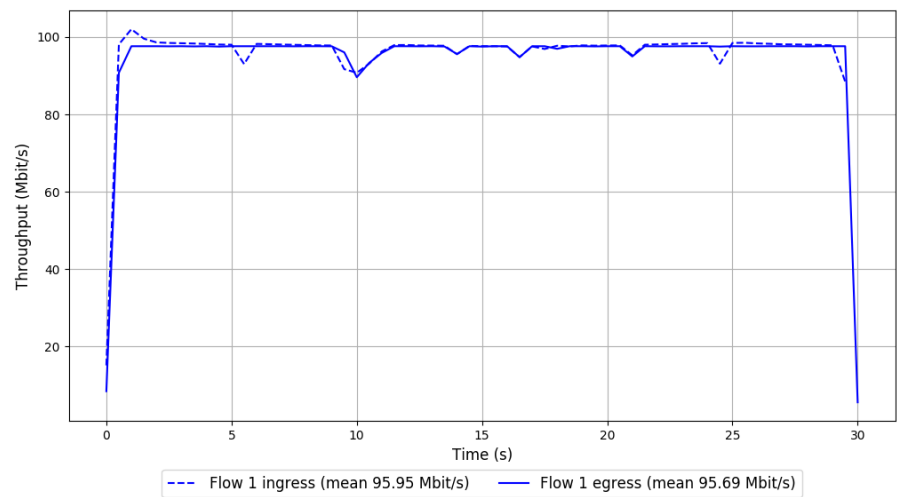


Run 7: Statistics of TCP Cubic

Start at: 2017-09-03 06:26:16
End at: 2017-09-03 06:26:46
Local clock offset: 1.044 ms
Remote clock offset: -3.654 ms

Below is generated by plot.py at 2017-09-03 08:23:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.69 Mbit/s
95th percentile per-packet one-way delay: 81.133 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 95.69 Mbit/s
95th percentile per-packet one-way delay: 81.133 ms
Loss rate: 0.21%

Run 7: Report of TCP Cubic — Data Link

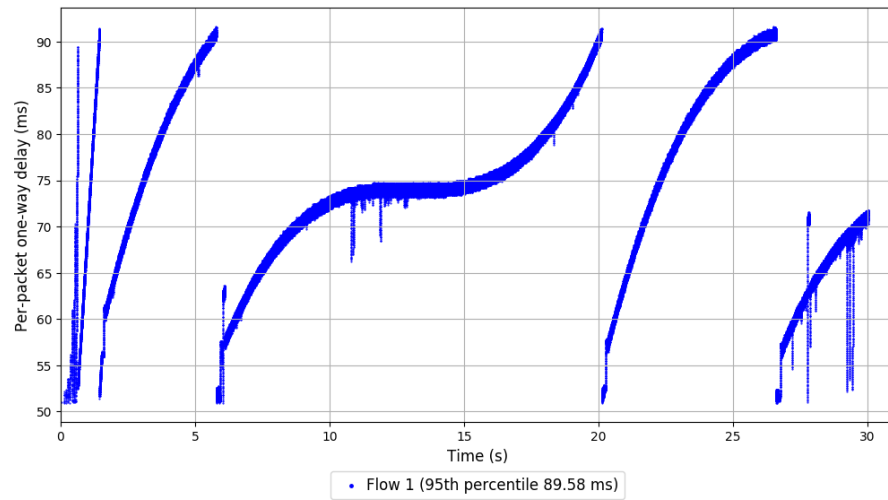
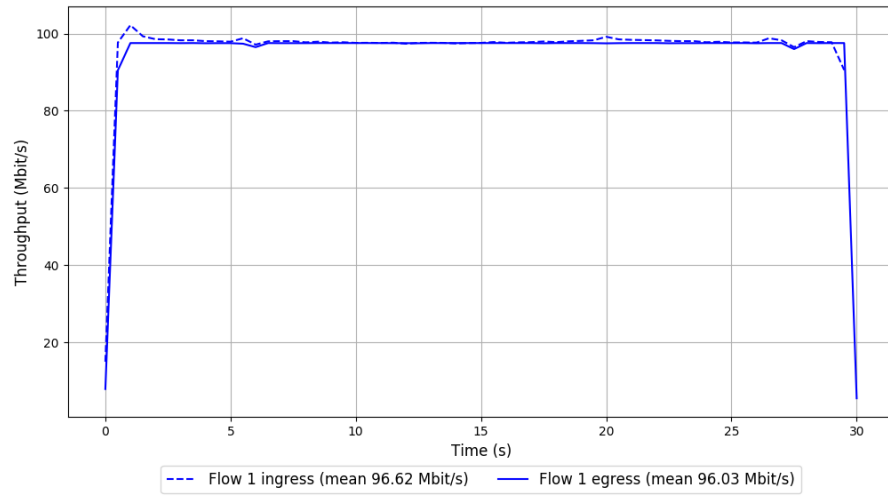


Run 8: Statistics of TCP Cubic

Start at: 2017-09-03 06:46:32
End at: 2017-09-03 06:47:02
Local clock offset: 1.071 ms
Remote clock offset: -1.308 ms

Below is generated by plot.py at 2017-09-03 08:23:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.03 Mbit/s
95th percentile per-packet one-way delay: 89.579 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 96.03 Mbit/s
95th percentile per-packet one-way delay: 89.579 ms
Loss rate: 0.56%

Run 8: Report of TCP Cubic — Data Link

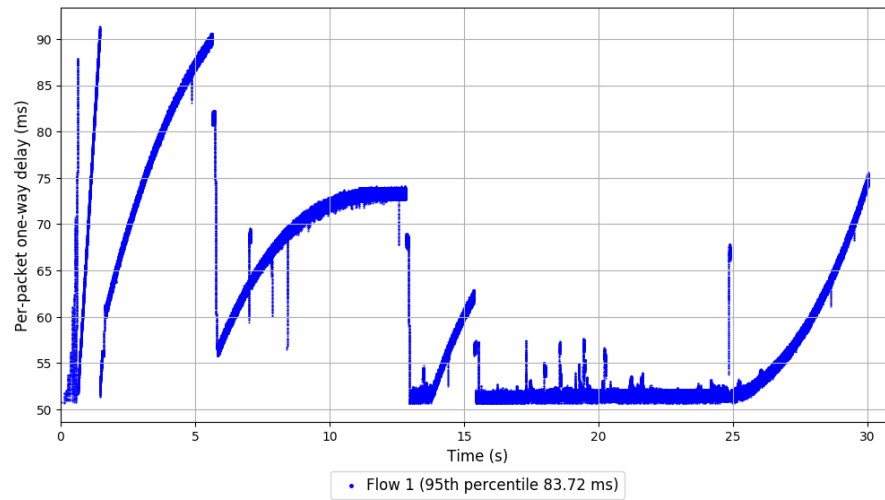
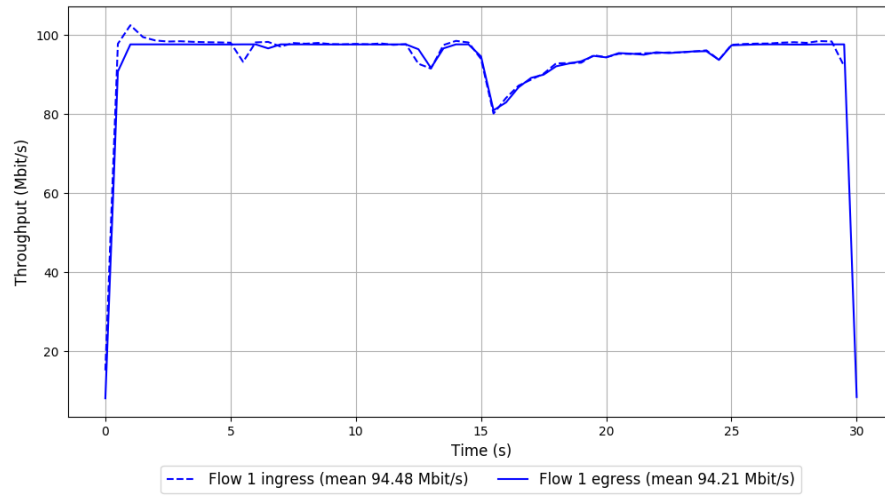


Run 9: Statistics of TCP Cubic

Start at: 2017-09-03 07:06:52
End at: 2017-09-03 07:07:22
Local clock offset: 0.995 ms
Remote clock offset: -0.916 ms

Below is generated by plot.py at 2017-09-03 08:23:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.21 Mbit/s
95th percentile per-packet one-way delay: 83.720 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 94.21 Mbit/s
95th percentile per-packet one-way delay: 83.720 ms
Loss rate: 0.23%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2017-09-03 07:27:01

End at: 2017-09-03 07:27:31

Local clock offset: 0.661 ms

Remote clock offset: -1.177 ms

Below is generated by plot.py at 2017-09-03 08:23:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.65 Mbit/s

95th percentile per-packet one-way delay: 84.665 ms

Loss rate: 0.17%

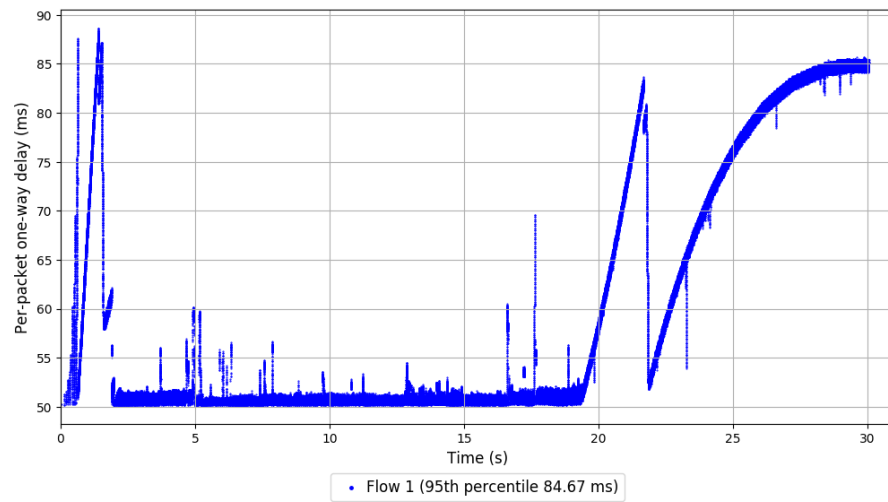
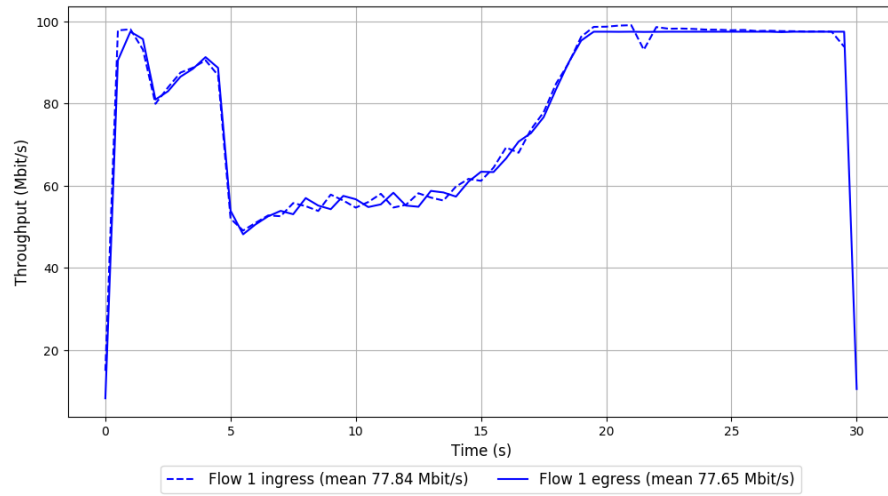
-- Flow 1:

Average throughput: 77.65 Mbit/s

95th percentile per-packet one-way delay: 84.665 ms

Loss rate: 0.17%

Run 10: Report of TCP Cubic — Data Link

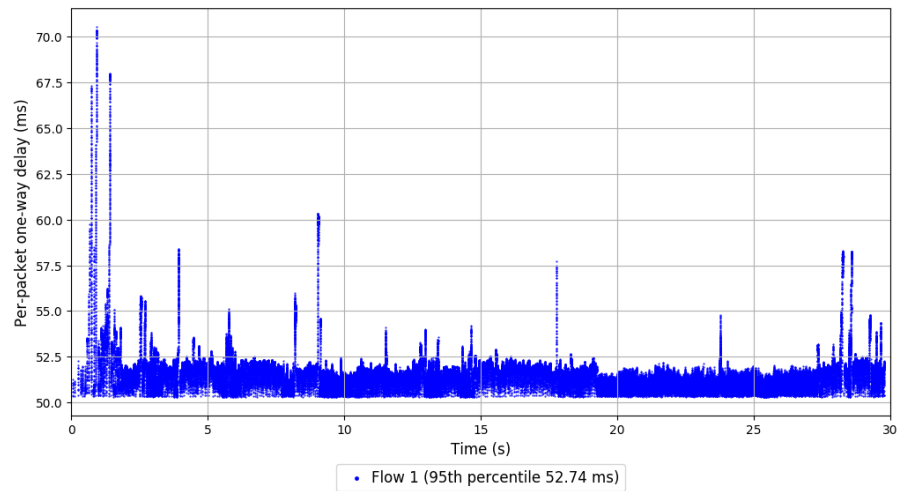
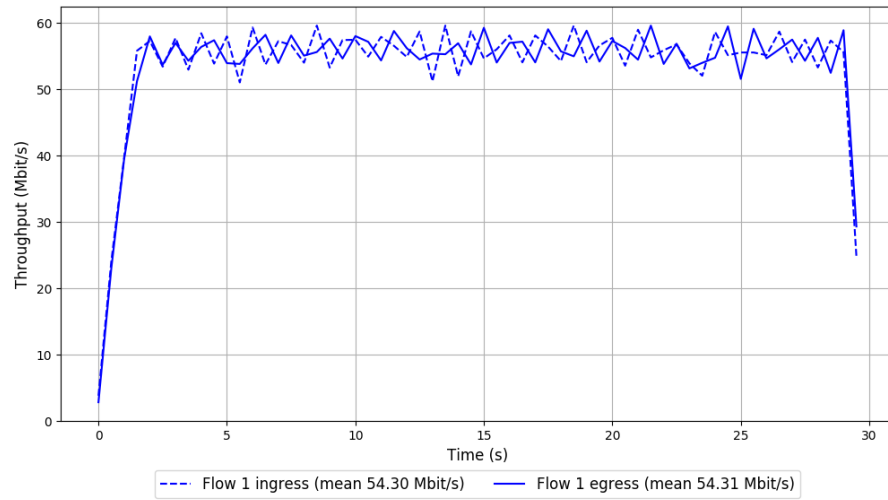


```
Run 1: Statistics of Indigo

Start at: 2017-09-03 04:25:57
End at: 2017-09-03 04:26:27
Local clock offset: 0.151 ms
Remote clock offset: 0.1 ms

# Below is generated by plot.py at 2017-09-03 08:23:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 54.31 Mbit/s
95th percentile per-packet one-way delay: 52.739 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 54.31 Mbit/s
95th percentile per-packet one-way delay: 52.739 ms
Loss rate: 0.00%
```


Run 1: Report of Indigo — Data Link

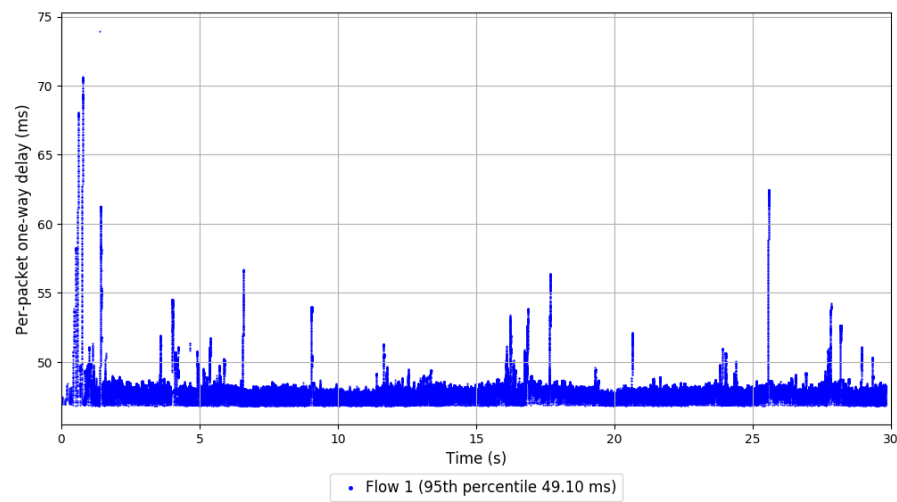
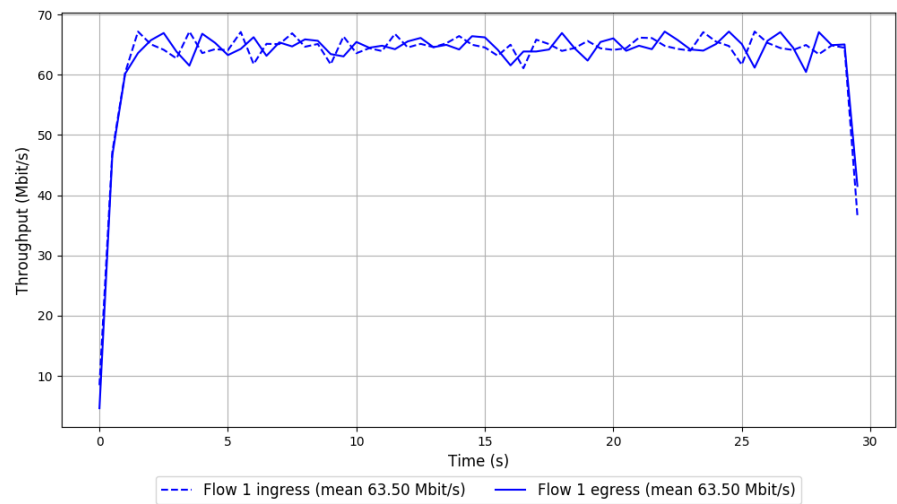


Run 2: Statistics of Indigo

Start at: 2017-09-03 04:47:05
End at: 2017-09-03 04:47:35
Local clock offset: 0.62 ms
Remote clock offset: -2.212 ms

Below is generated by plot.py at 2017-09-03 08:23:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 63.50 Mbit/s
95th percentile per-packet one-way delay: 49.105 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 63.50 Mbit/s
95th percentile per-packet one-way delay: 49.105 ms
Loss rate: 0.00%

Run 2: Report of Indigo — Data Link



Run 3: Statistics of Indigo

Start at: 2017-09-03 05:08:10

End at: 2017-09-03 05:08:40

Local clock offset: 0.855 ms

Remote clock offset: -2.486 ms

Below is generated by plot.py at 2017-09-03 08:23:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 70.10 Mbit/s

95th percentile per-packet one-way delay: 50.797 ms

Loss rate: 0.00%

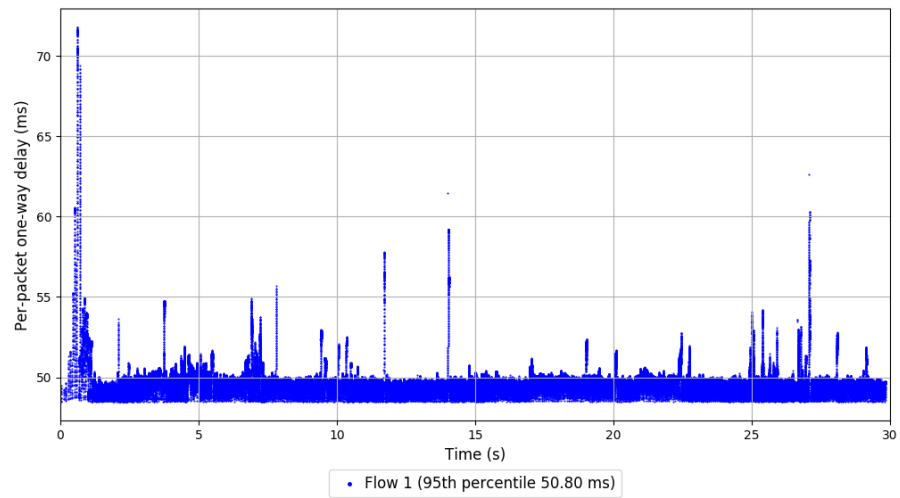
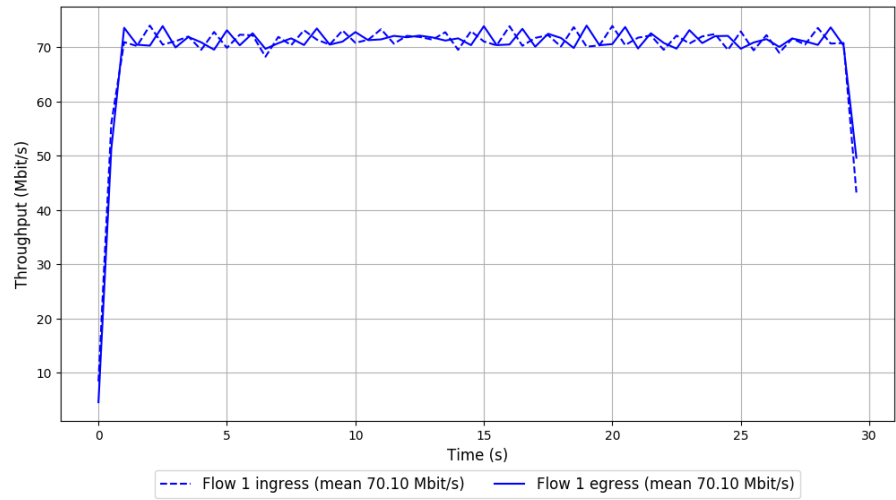
-- Flow 1:

Average throughput: 70.10 Mbit/s

95th percentile per-packet one-way delay: 50.797 ms

Loss rate: 0.00%

Run 3: Report of Indigo — Data Link



Run 4: Statistics of Indigo

Start at: 2017-09-03 05:29:04

End at: 2017-09-03 05:29:34

Local clock offset: 0.874 ms

Remote clock offset: -0.362 ms

Below is generated by plot.py at 2017-09-03 08:23:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 54.71 Mbit/s

95th percentile per-packet one-way delay: 53.024 ms

Loss rate: 0.00%

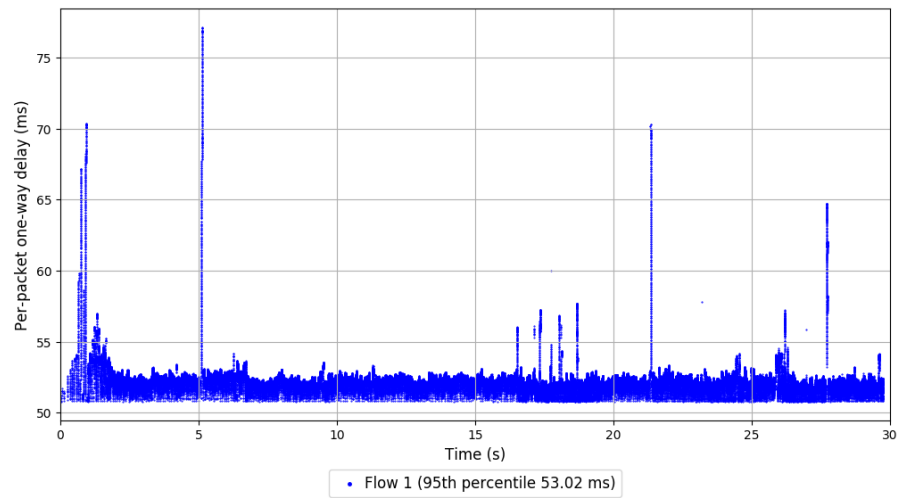
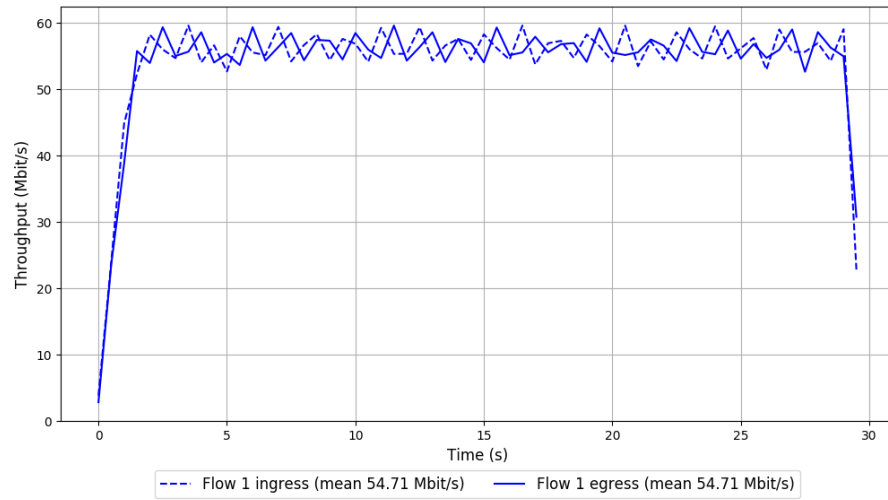
-- Flow 1:

Average throughput: 54.71 Mbit/s

95th percentile per-packet one-way delay: 53.024 ms

Loss rate: 0.00%

Run 4: Report of Indigo — Data Link



Run 5: Statistics of Indigo

Start at: 2017-09-03 05:49:28

End at: 2017-09-03 05:49:58

Local clock offset: 0.92 ms

Remote clock offset: -1.291 ms

Below is generated by plot.py at 2017-09-03 08:23:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.44 Mbit/s

95th percentile per-packet one-way delay: 68.866 ms

Loss rate: 0.30%

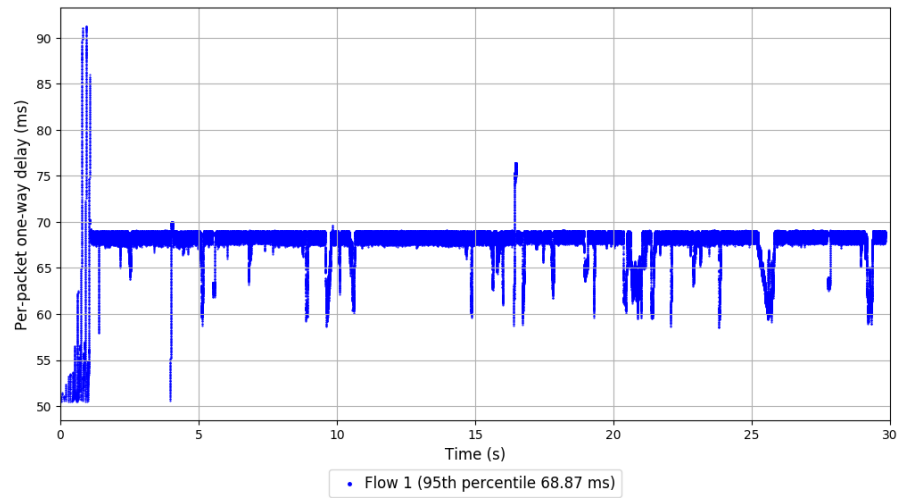
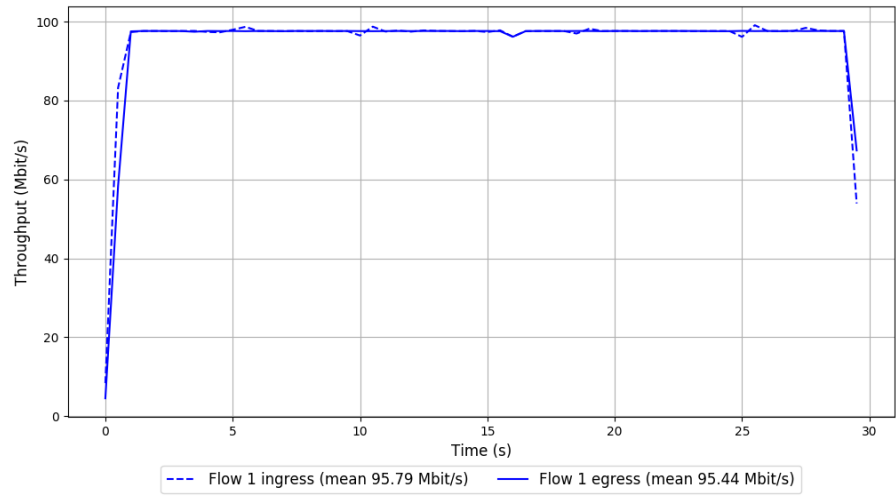
-- Flow 1:

Average throughput: 95.44 Mbit/s

95th percentile per-packet one-way delay: 68.866 ms

Loss rate: 0.30%

Run 5: Report of Indigo — Data Link

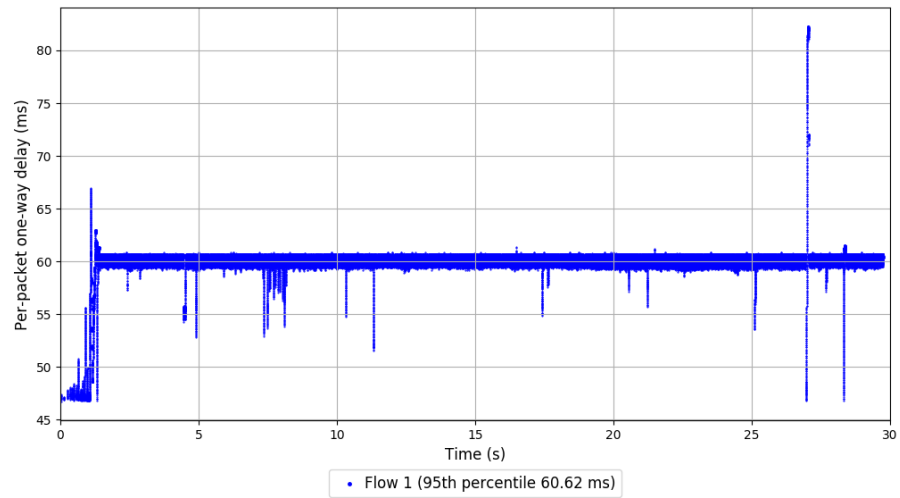
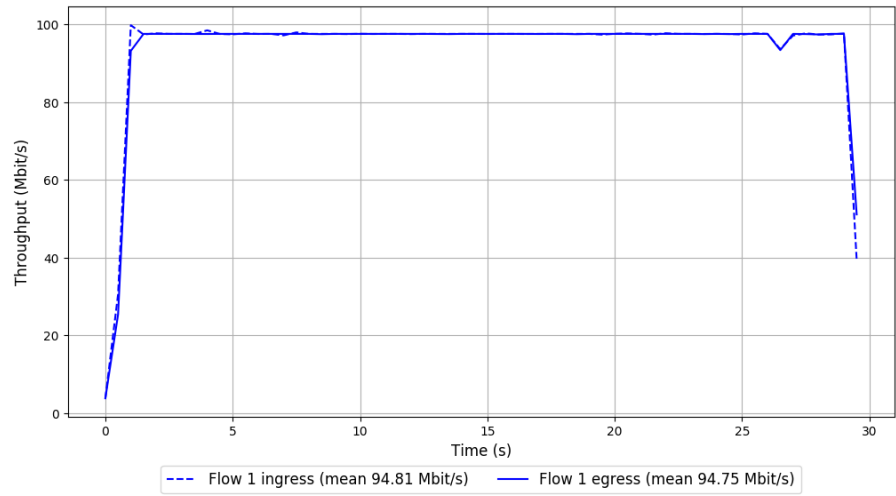


Run 6: Statistics of Indigo

Start at: 2017-09-03 06:10:12
End at: 2017-09-03 06:10:42
Local clock offset: 0.982 ms
Remote clock offset: -3.654 ms

Below is generated by plot.py at 2017-09-03 08:24:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.75 Mbit/s
95th percentile per-packet one-way delay: 60.621 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 94.75 Mbit/s
95th percentile per-packet one-way delay: 60.621 ms
Loss rate: 0.02%

Run 6: Report of Indigo — Data Link

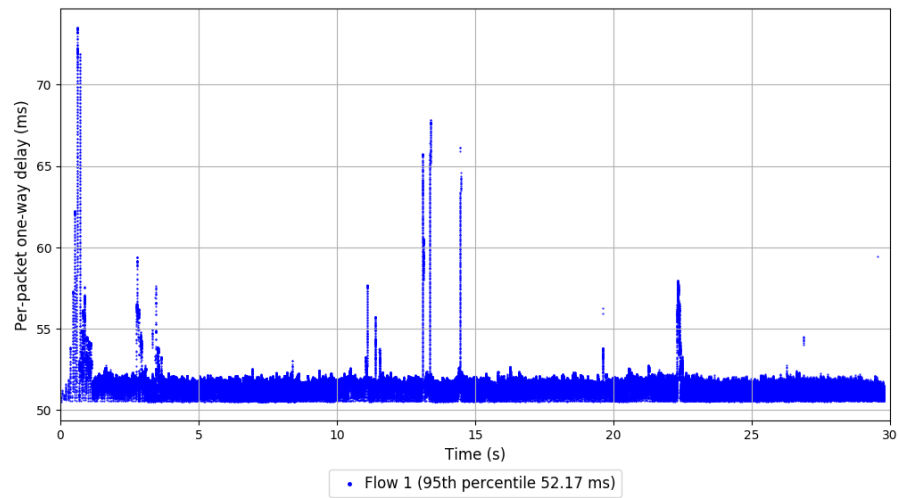
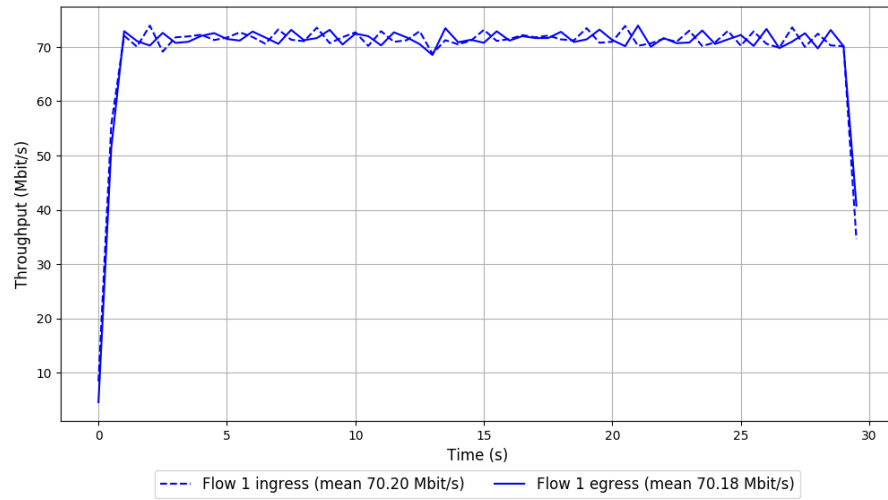


Run 7: Statistics of Indigo

Start at: 2017-09-03 06:30:23
End at: 2017-09-03 06:30:53
Local clock offset: 1.029 ms
Remote clock offset: -1.713 ms

Below is generated by plot.py at 2017-09-03 08:24:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 70.18 Mbit/s
95th percentile per-packet one-way delay: 52.171 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 70.18 Mbit/s
95th percentile per-packet one-way delay: 52.171 ms
Loss rate: 0.02%

Run 7: Report of Indigo — Data Link

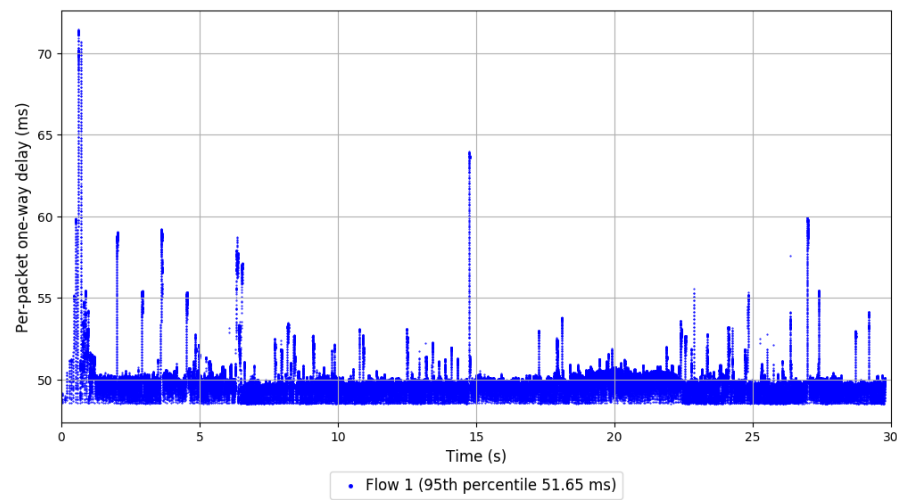
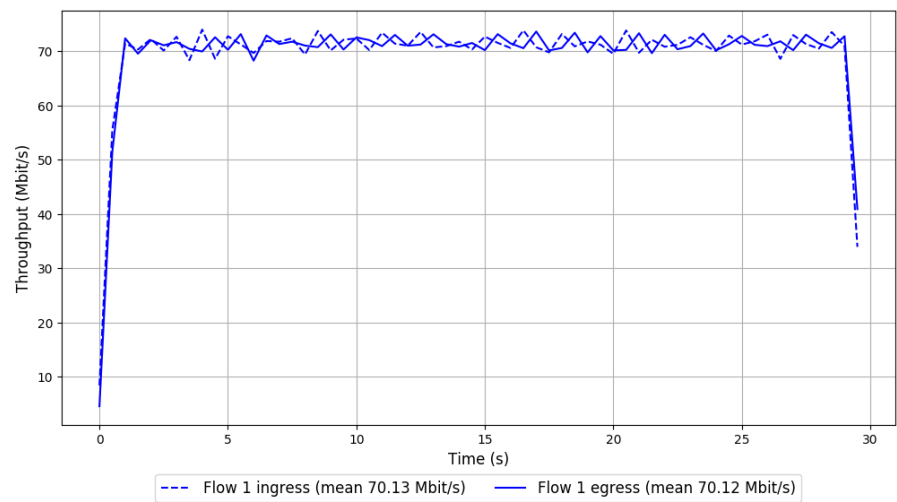


Run 8: Statistics of Indigo

Start at: 2017-09-03 06:50:41
End at: 2017-09-03 06:51:11
Local clock offset: 0.972 ms
Remote clock offset: -3.711 ms

Below is generated by plot.py at 2017-09-03 08:24:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 70.12 Mbit/s
95th percentile per-packet one-way delay: 51.649 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 70.12 Mbit/s
95th percentile per-packet one-way delay: 51.649 ms
Loss rate: 0.01%

Run 8: Report of Indigo — Data Link



Run 9: Statistics of Indigo

Start at: 2017-09-03 07:10:52

End at: 2017-09-03 07:11:22

Local clock offset: 0.932 ms

Remote clock offset: -3.408 ms

Below is generated by plot.py at 2017-09-03 08:24:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.85 Mbit/s

95th percentile per-packet one-way delay: 51.828 ms

Loss rate: 0.00%

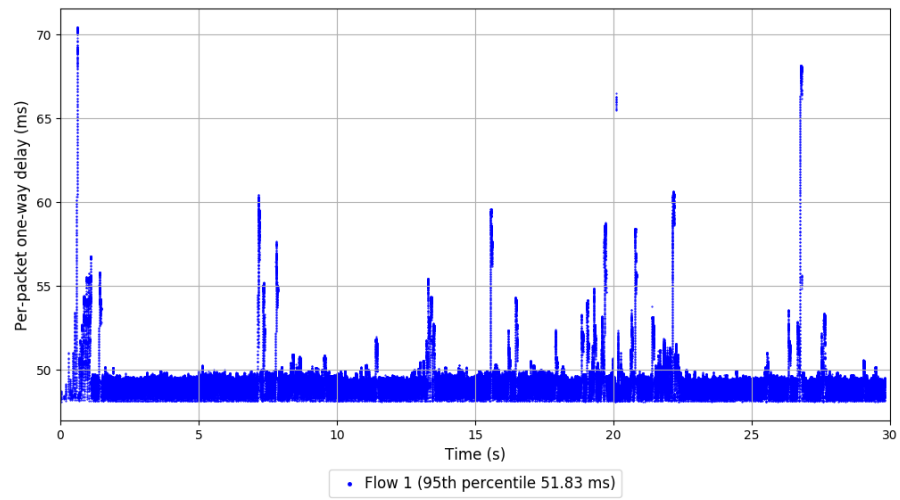
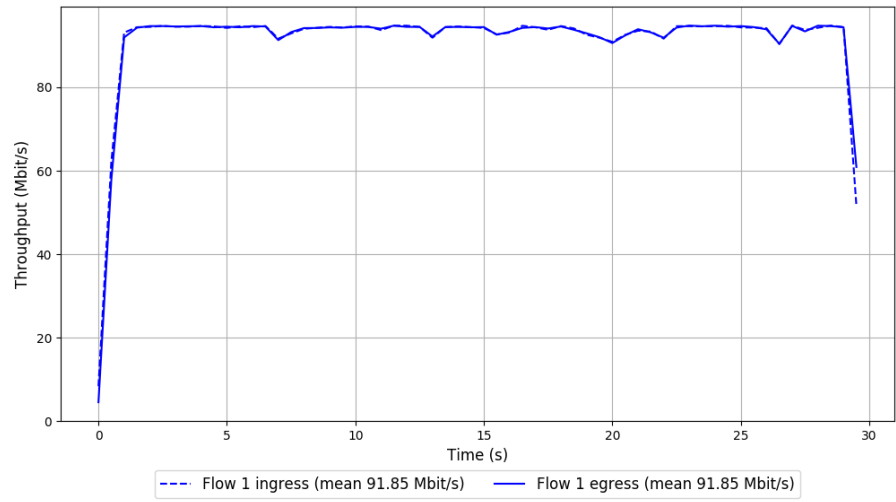
-- Flow 1:

Average throughput: 91.85 Mbit/s

95th percentile per-packet one-way delay: 51.828 ms

Loss rate: 0.00%

Run 9: Report of Indigo — Data Link



Run 10: Statistics of Indigo

Start at: 2017-09-03 07:31:07

End at: 2017-09-03 07:31:37

Local clock offset: 0.64 ms

Remote clock offset: -0.96 ms

Below is generated by plot.py at 2017-09-03 08:24:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.36 Mbit/s

95th percentile per-packet one-way delay: 52.275 ms

Loss rate: 0.01%

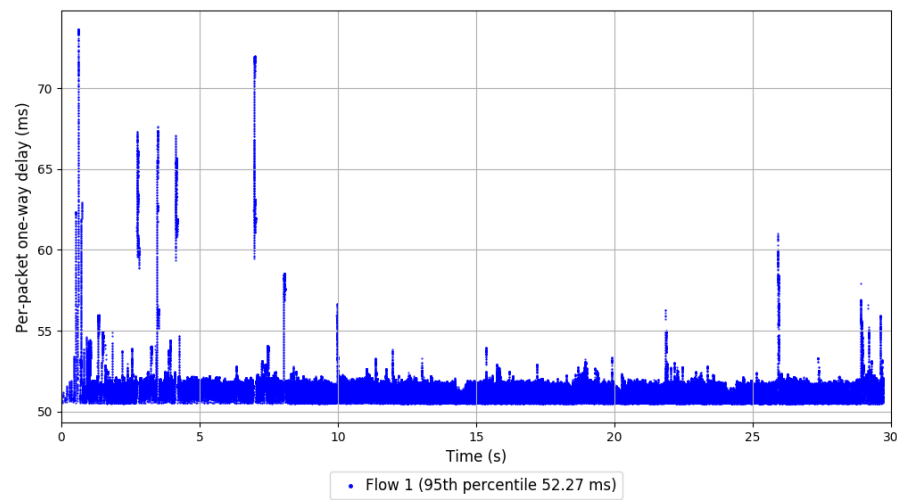
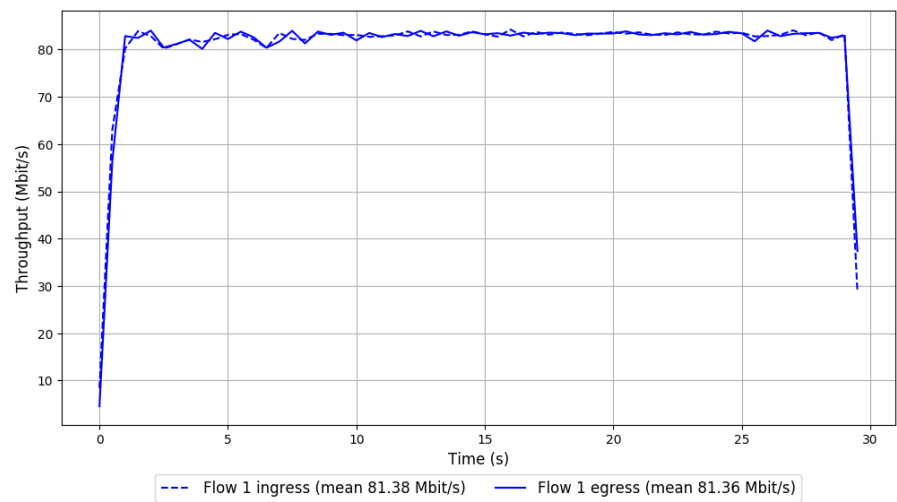
-- Flow 1:

Average throughput: 81.36 Mbit/s

95th percentile per-packet one-way delay: 52.275 ms

Loss rate: 0.01%

Run 10: Report of Indigo — Data Link

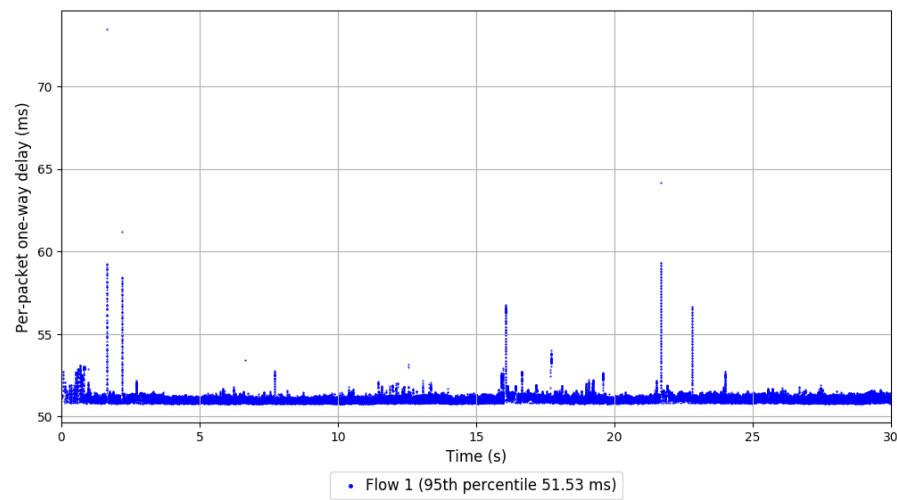
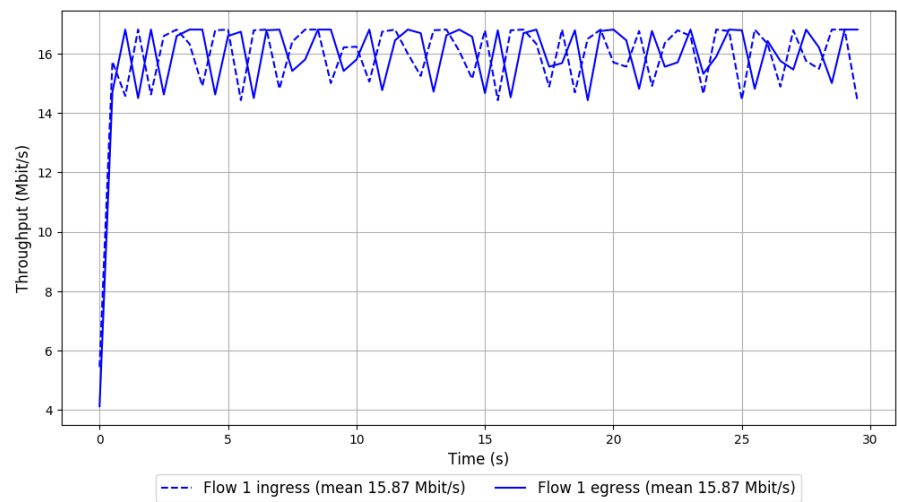


```
Run 1: Statistics of KohoCC

Start at: 2017-09-03 04:33:14
End at: 2017-09-03 04:33:44
Local clock offset: 0.364 ms
Remote clock offset: 0.559 ms

# Below is generated by plot.py at 2017-09-03 08:24:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.87 Mbit/s
95th percentile per-packet one-way delay: 51.533 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 15.87 Mbit/s
95th percentile per-packet one-way delay: 51.533 ms
Loss rate: 0.00%
```

Run 1: Report of KohoCC — Data Link



Run 2: Statistics of KohoCC

Start at: 2017-09-03 04:54:11

End at: 2017-09-03 04:54:41

Local clock offset: 0.881 ms

Remote clock offset: 0.286 ms

Below is generated by plot.py at 2017-09-03 08:24:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 16.00 Mbit/s

95th percentile per-packet one-way delay: 51.348 ms

Loss rate: 0.00%

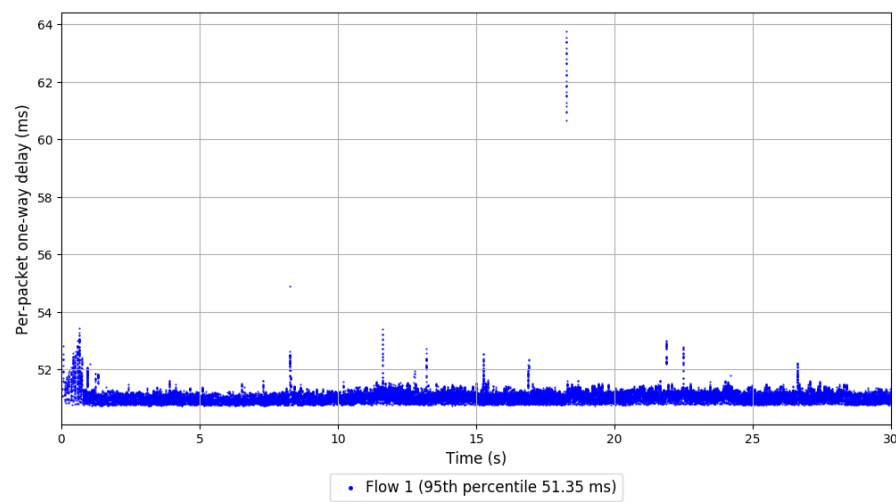
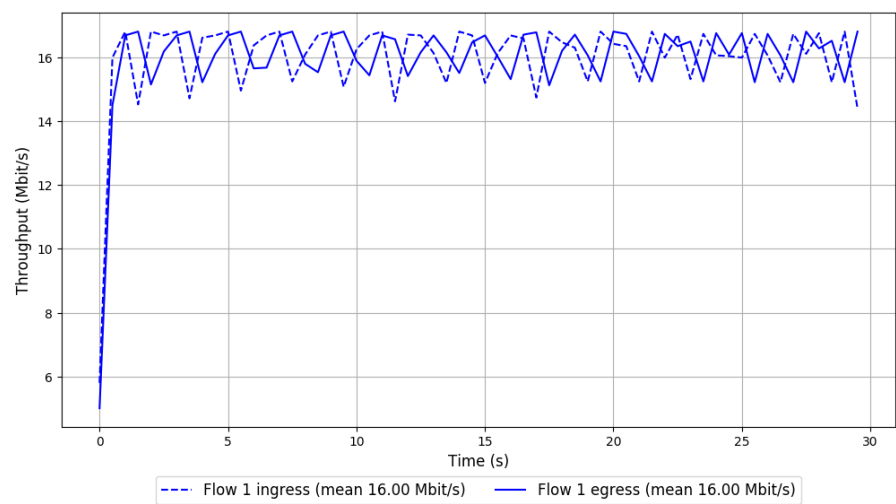
-- Flow 1:

Average throughput: 16.00 Mbit/s

95th percentile per-packet one-way delay: 51.348 ms

Loss rate: 0.00%

Run 2: Report of KohoCC — Data Link

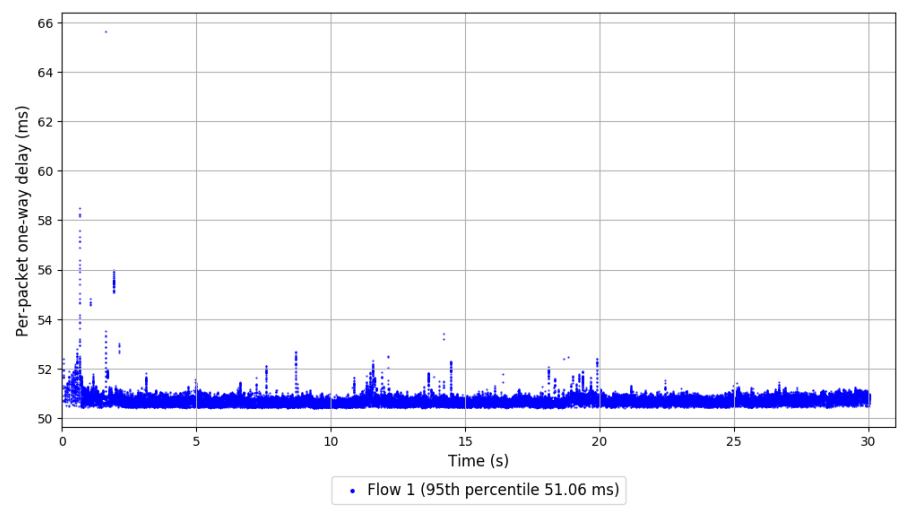
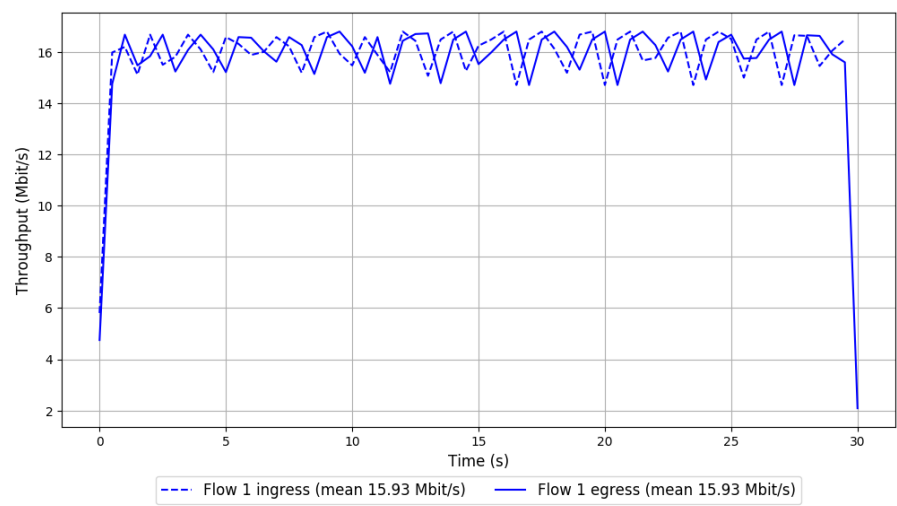


Run 3: Statistics of KohoCC

Start at: 2017-09-03 05:15:22
End at: 2017-09-03 05:15:52
Local clock offset: 0.904 ms
Remote clock offset: -0.624 ms

Below is generated by plot.py at 2017-09-03 08:24:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.93 Mbit/s
95th percentile per-packet one-way delay: 51.062 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 15.93 Mbit/s
95th percentile per-packet one-way delay: 51.062 ms
Loss rate: 0.00%

Run 3: Report of KohoCC — Data Link

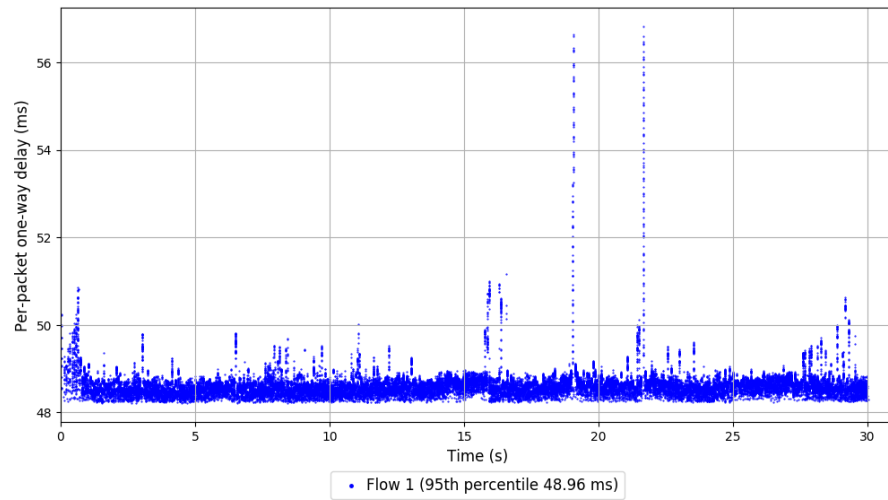
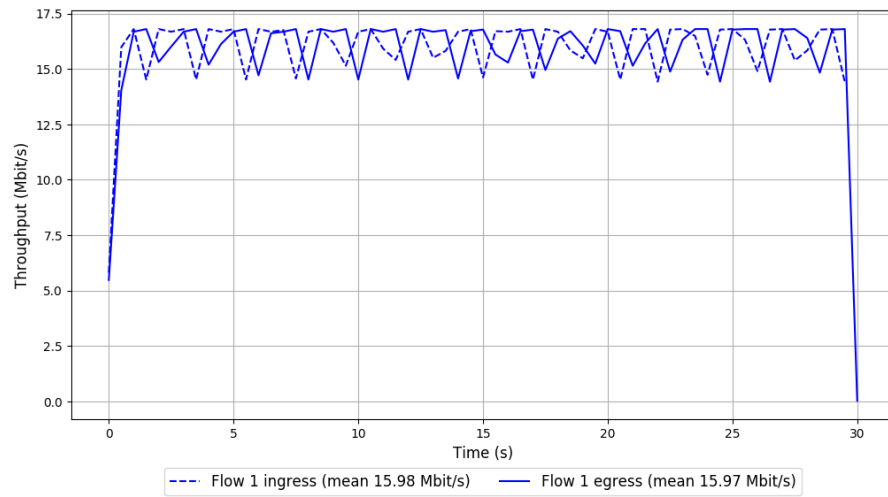


Run 4: Statistics of KohoCC

Start at: 2017-09-03 05:35:53
End at: 2017-09-03 05:36:23
Local clock offset: 0.843 ms
Remote clock offset: -3.074 ms

Below is generated by plot.py at 2017-09-03 08:24:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.97 Mbit/s
95th percentile per-packet one-way delay: 48.963 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 15.97 Mbit/s
95th percentile per-packet one-way delay: 48.963 ms
Loss rate: 0.04%

Run 4: Report of KohoCC — Data Link

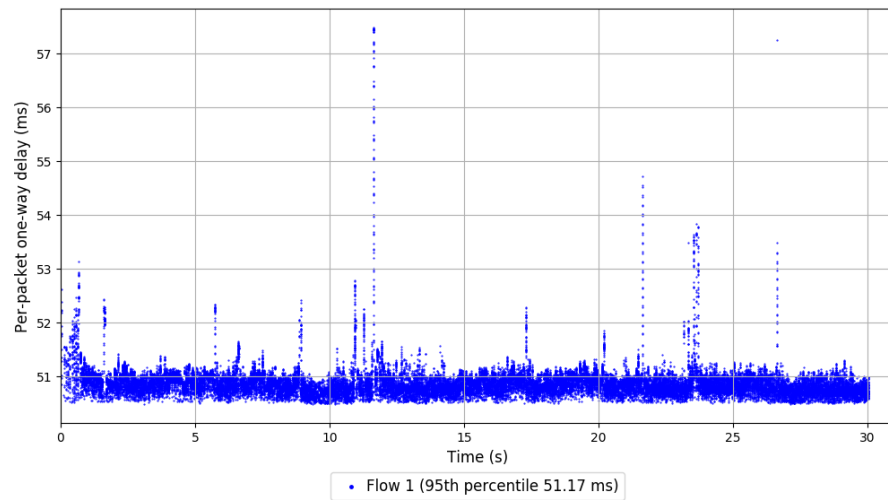
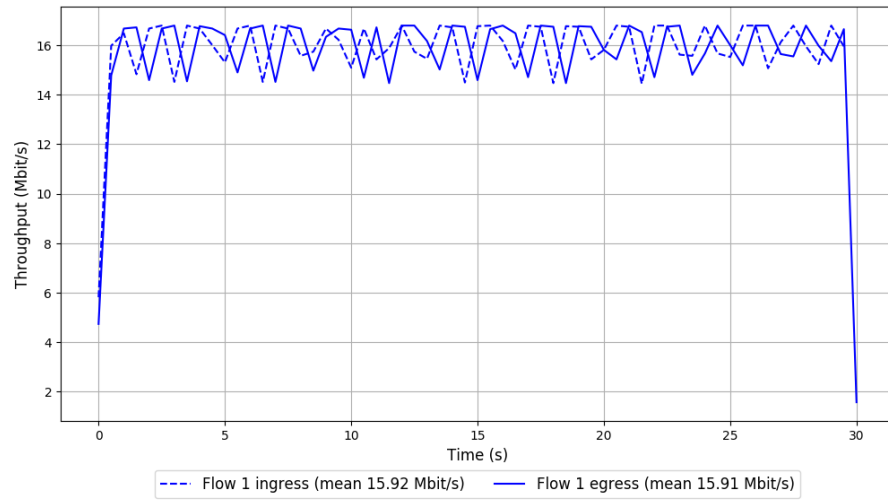


Run 5: Statistics of KohoCC

Start at: 2017-09-03 05:56:49
End at: 2017-09-03 05:57:19
Local clock offset: 0.877 ms
Remote clock offset: -1.533 ms

Below is generated by plot.py at 2017-09-03 08:24:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.91 Mbit/s
95th percentile per-packet one-way delay: 51.167 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 15.91 Mbit/s
95th percentile per-packet one-way delay: 51.167 ms
Loss rate: 0.08%

Run 5: Report of KohoCC — Data Link

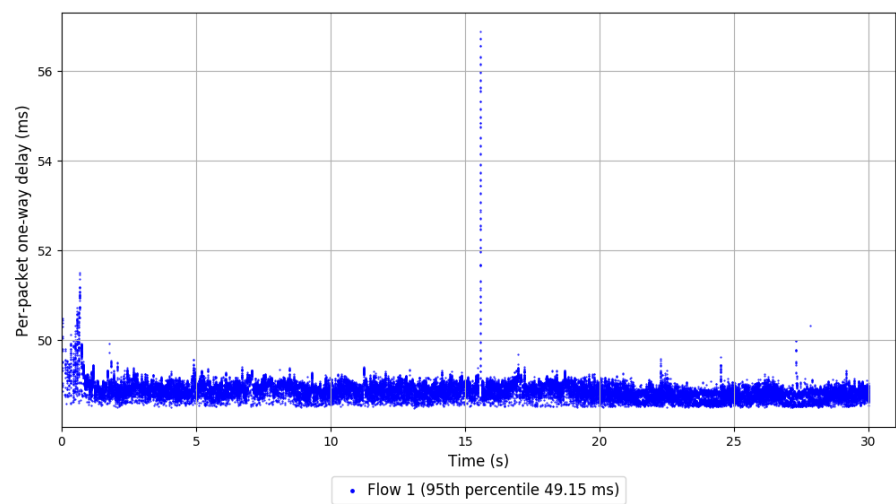
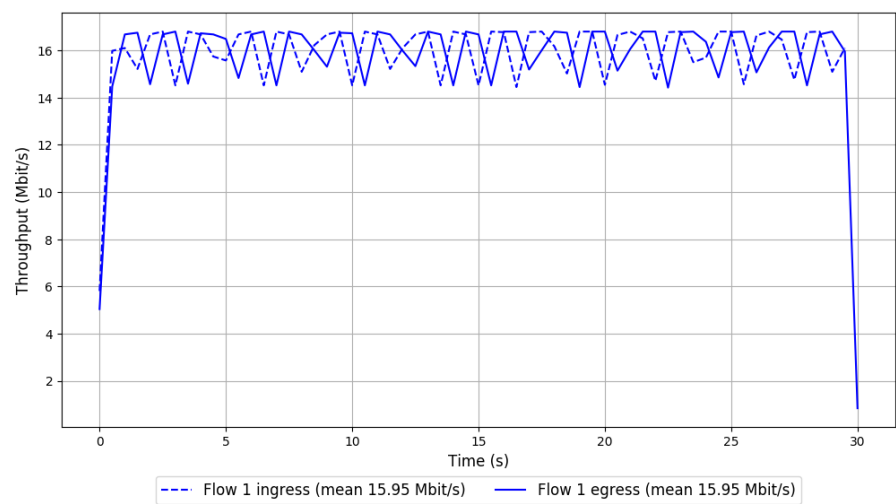


Run 6: Statistics of KohoCC

Start at: 2017-09-03 06:17:05
End at: 2017-09-03 06:17:35
Local clock offset: 1.041 ms
Remote clock offset: -3.629 ms

Below is generated by plot.py at 2017-09-03 08:24:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.95 Mbit/s
95th percentile per-packet one-way delay: 49.146 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 15.95 Mbit/s
95th percentile per-packet one-way delay: 49.146 ms
Loss rate: 0.00%

Run 6: Report of KohoCC — Data Link

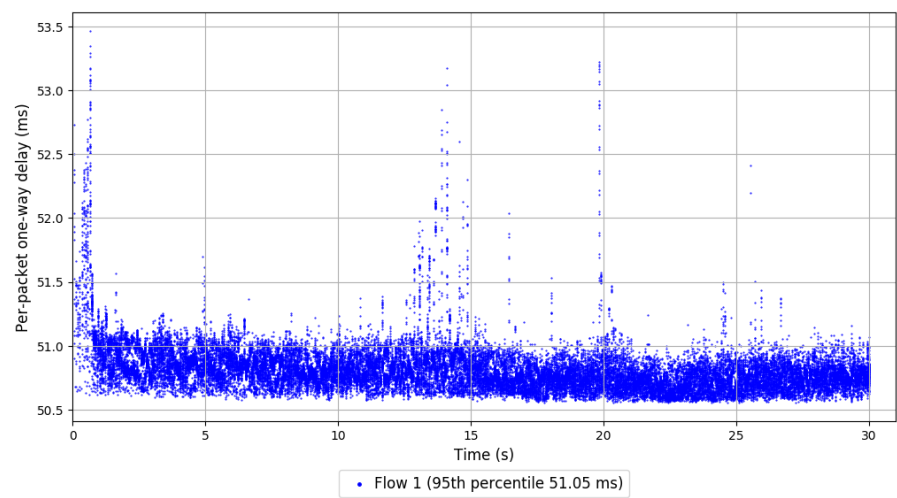
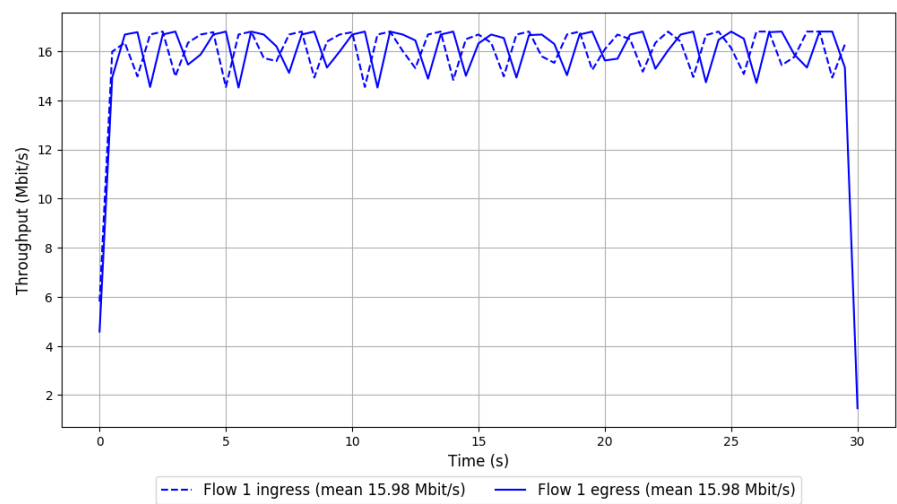


Run 7: Statistics of KohoCC

Start at: 2017-09-03 06:37:13
End at: 2017-09-03 06:37:43
Local clock offset: 1.01 ms
Remote clock offset: -1.695 ms

Below is generated by plot.py at 2017-09-03 08:24:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.98 Mbit/s
95th percentile per-packet one-way delay: 51.050 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 15.98 Mbit/s
95th percentile per-packet one-way delay: 51.050 ms
Loss rate: 0.00%

Run 7: Report of KohoCC — Data Link

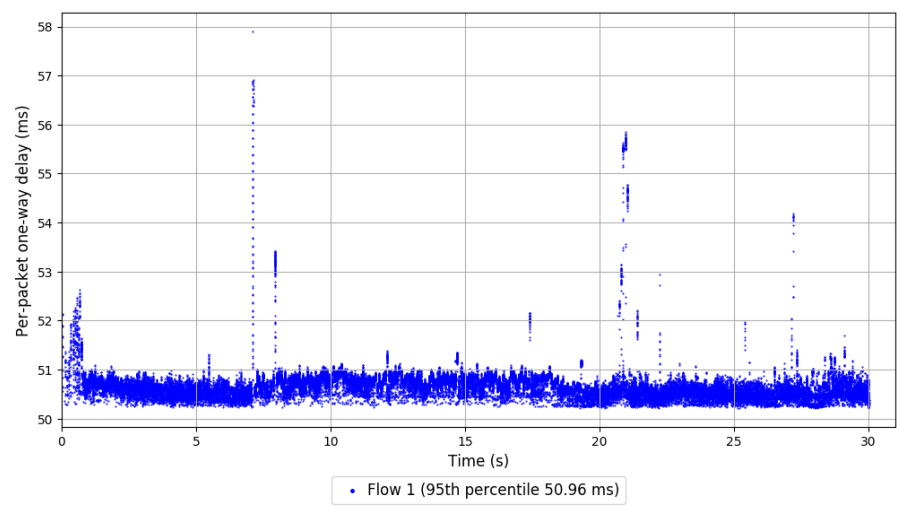
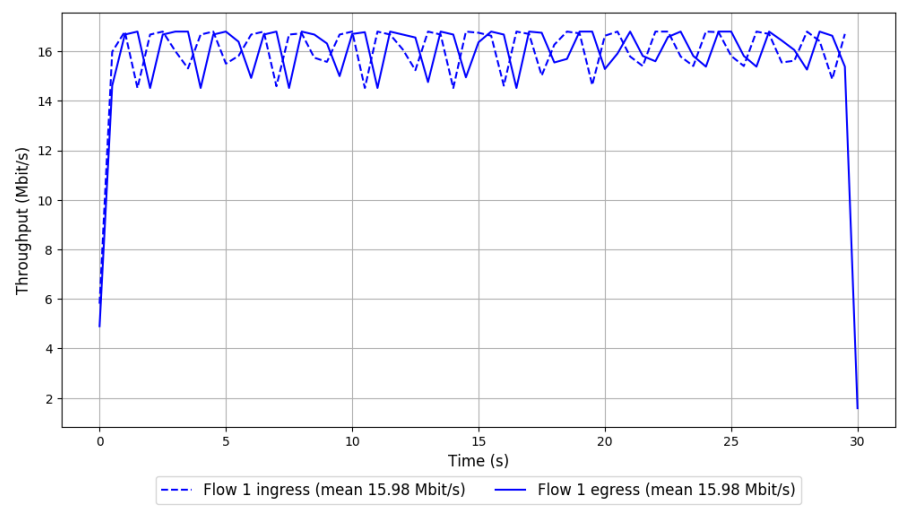


Run 8: Statistics of KohoCC

Start at: 2017-09-03 06:57:32
End at: 2017-09-03 06:58:02
Local clock offset: 1.054 ms
Remote clock offset: -1.557 ms

Below is generated by plot.py at 2017-09-03 08:24:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.98 Mbit/s
95th percentile per-packet one-way delay: 50.961 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 15.98 Mbit/s
95th percentile per-packet one-way delay: 50.961 ms
Loss rate: 0.01%

Run 8: Report of KohoCC — Data Link



Run 9: Statistics of KohoCC

Start at: 2017-09-03 07:17:44

End at: 2017-09-03 07:18:14

Local clock offset: 0.849 ms

Remote clock offset: -1.19 ms

Below is generated by plot.py at 2017-09-03 08:24:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 15.95 Mbit/s

95th percentile per-packet one-way delay: 51.259 ms

Loss rate: 0.00%

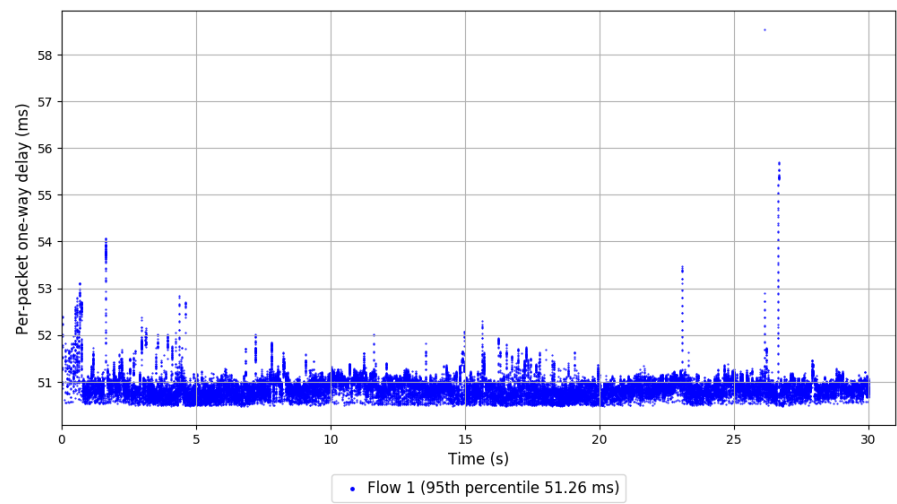
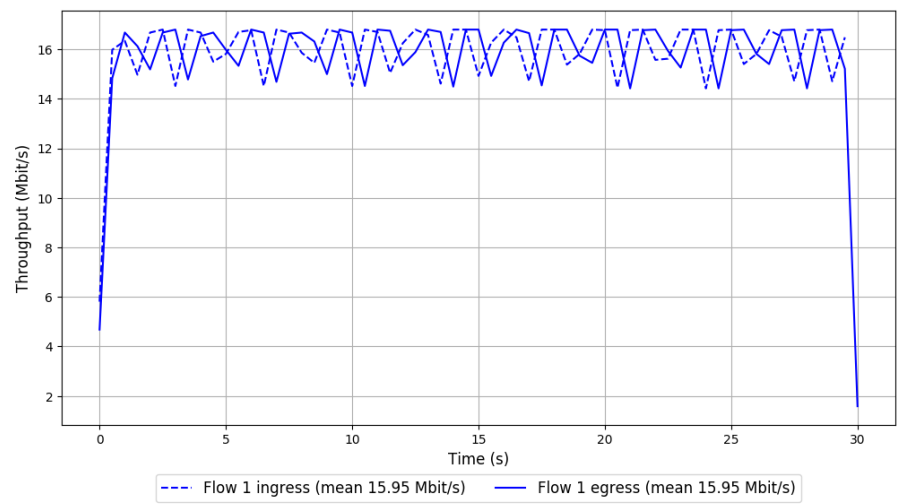
-- Flow 1:

Average throughput: 15.95 Mbit/s

95th percentile per-packet one-way delay: 51.259 ms

Loss rate: 0.00%

Run 9: Report of KohoCC — Data Link



Run 10: Statistics of KohoCC

Start at: 2017-09-03 07:37:58

End at: 2017-09-03 07:38:28

Local clock offset: 0.538 ms

Remote clock offset: -0.88 ms

Below is generated by plot.py at 2017-09-03 08:24:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 16.00 Mbit/s

95th percentile per-packet one-way delay: 50.915 ms

Loss rate: 0.00%

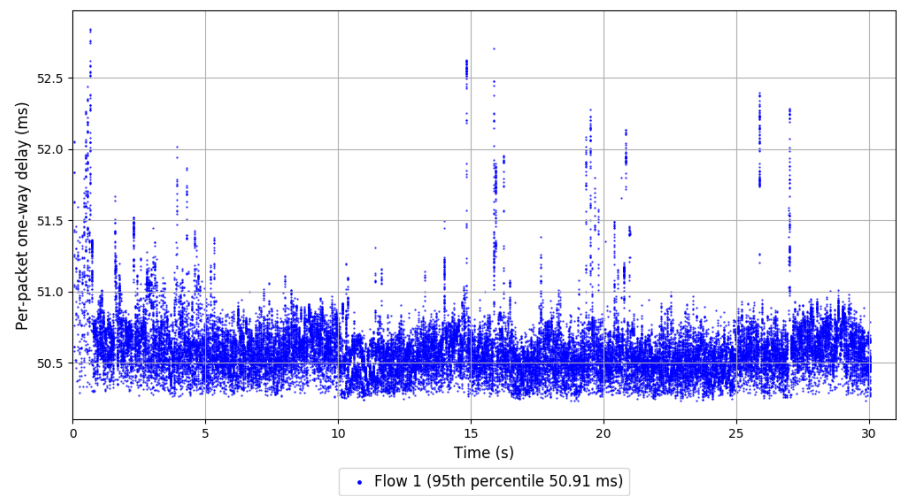
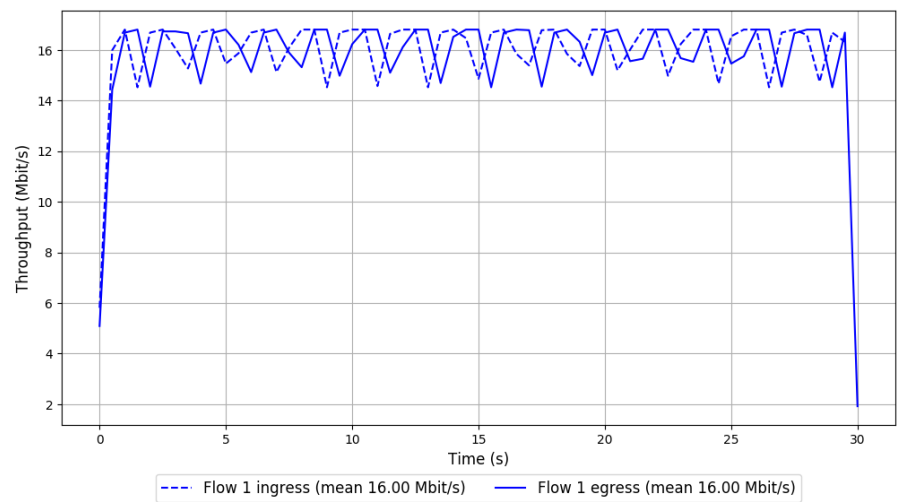
-- Flow 1:

Average throughput: 16.00 Mbit/s

95th percentile per-packet one-way delay: 50.915 ms

Loss rate: 0.00%

Run 10: Report of KohoCC — Data Link

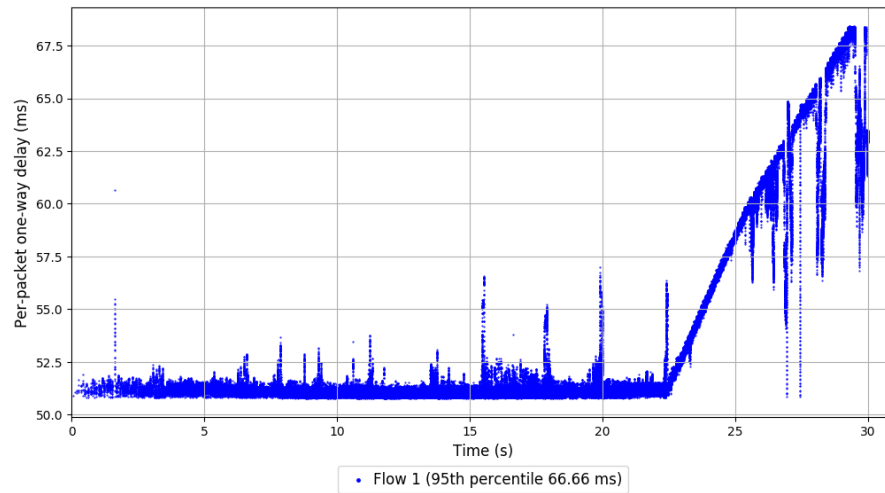
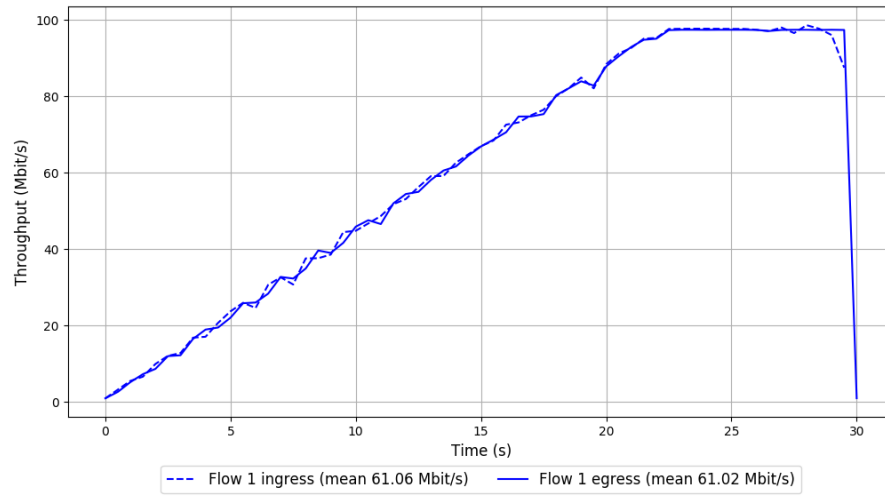


```
Run 1: Statistics of LEDBAT

Start at: 2017-09-03 04:24:33
End at: 2017-09-03 04:25:03
Local clock offset: 0.14 ms
Remote clock offset: 0.612 ms

# Below is generated by plot.py at 2017-09-03 08:24:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 61.02 Mbit/s
95th percentile per-packet one-way delay: 66.662 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 61.02 Mbit/s
95th percentile per-packet one-way delay: 66.662 ms
Loss rate: 0.03%
```


Run 1: Report of LEDBAT — Data Link

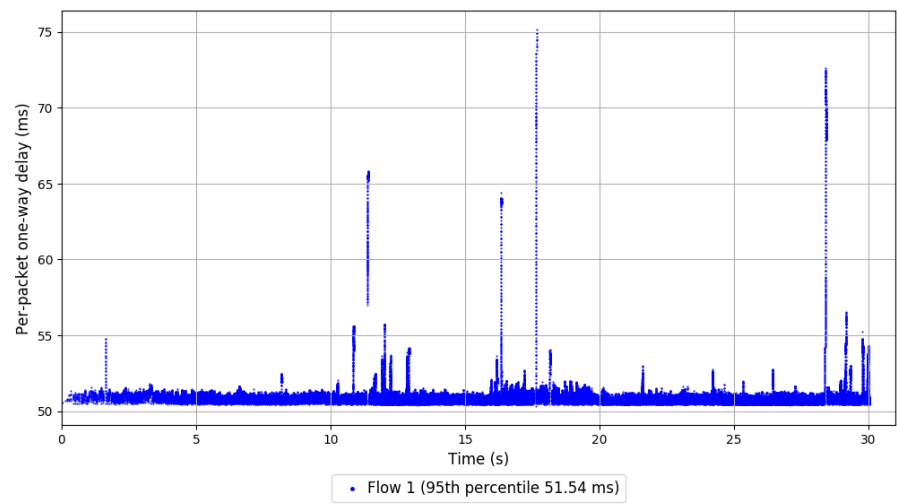
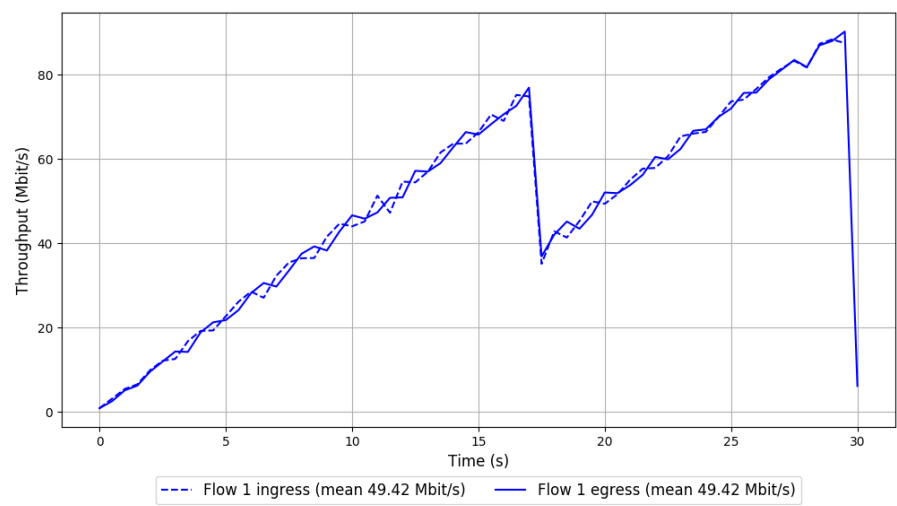


Run 2: Statistics of LEDBAT

Start at: 2017-09-03 04:45:44
End at: 2017-09-03 04:46:14
Local clock offset: 0.582 ms
Remote clock offset: -0.035 ms

Below is generated by plot.py at 2017-09-03 08:24:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 49.42 Mbit/s
95th percentile per-packet one-way delay: 51.543 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 49.42 Mbit/s
95th percentile per-packet one-way delay: 51.543 ms
Loss rate: 0.01%

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: 2017-09-03 05:06:46

End at: 2017-09-03 05:07:16

Local clock offset: 0.953 ms

Remote clock offset: 0.031 ms

Below is generated by plot.py at 2017-09-03 08:24:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 60.35 Mbit/s

95th percentile per-packet one-way delay: 66.795 ms

Loss rate: 0.00%

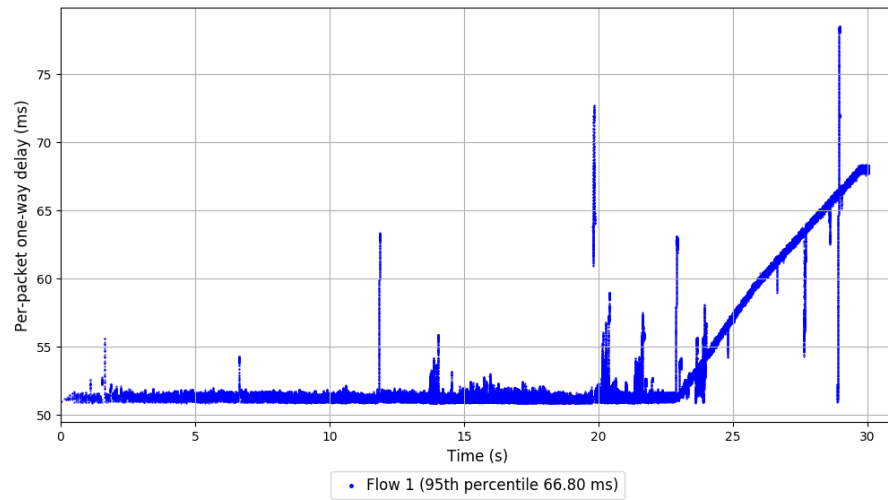
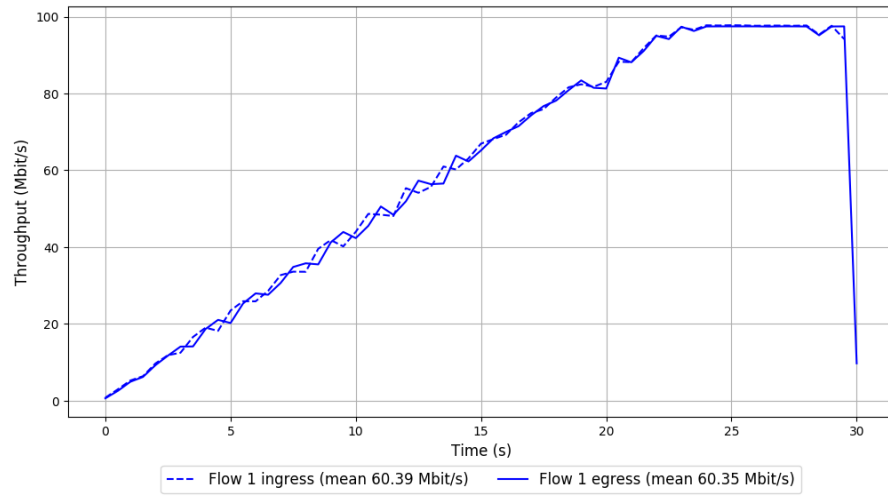
-- Flow 1:

Average throughput: 60.35 Mbit/s

95th percentile per-packet one-way delay: 66.795 ms

Loss rate: 0.00%

Run 3: Report of LEDBAT — Data Link

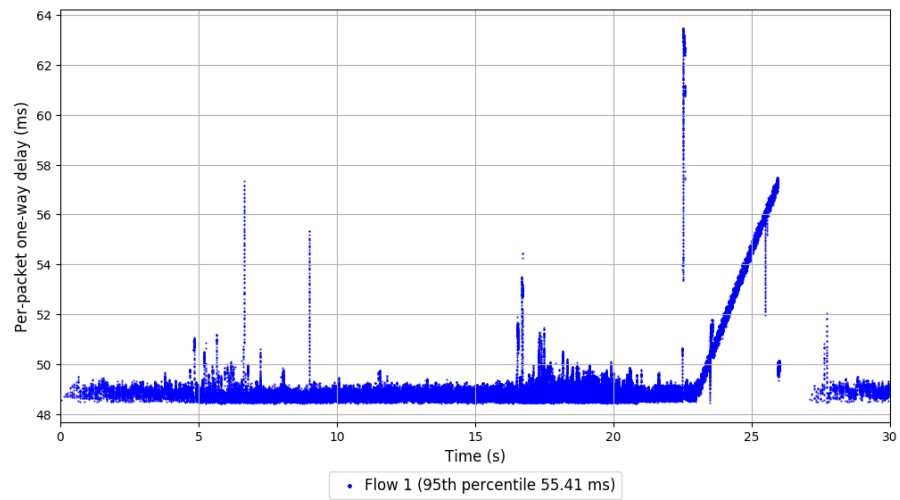
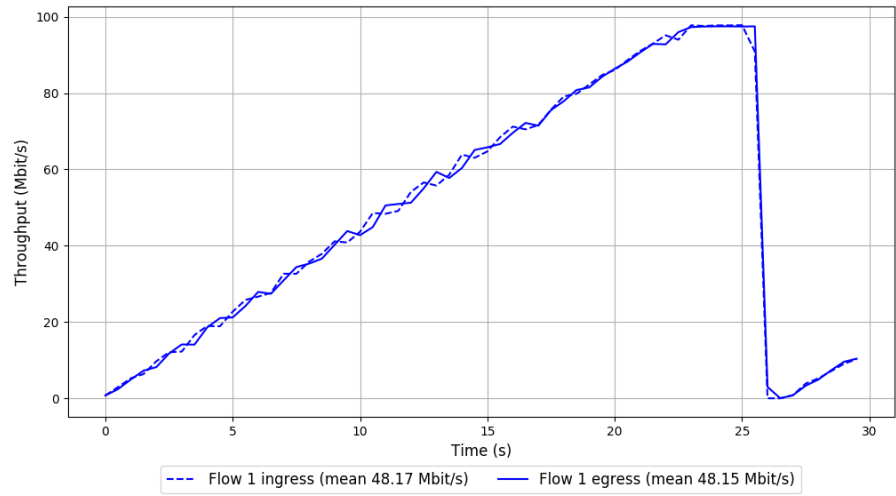


Run 4: Statistics of LEDBAT

Start at: 2017-09-03 05:27:43
End at: 2017-09-03 05:28:13
Local clock offset: 0.873 ms
Remote clock offset: -2.905 ms

Below is generated by plot.py at 2017-09-03 08:24:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 48.15 Mbit/s
95th percentile per-packet one-way delay: 55.415 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 48.15 Mbit/s
95th percentile per-packet one-way delay: 55.415 ms
Loss rate: 0.05%

Run 4: Report of LEDBAT — Data Link

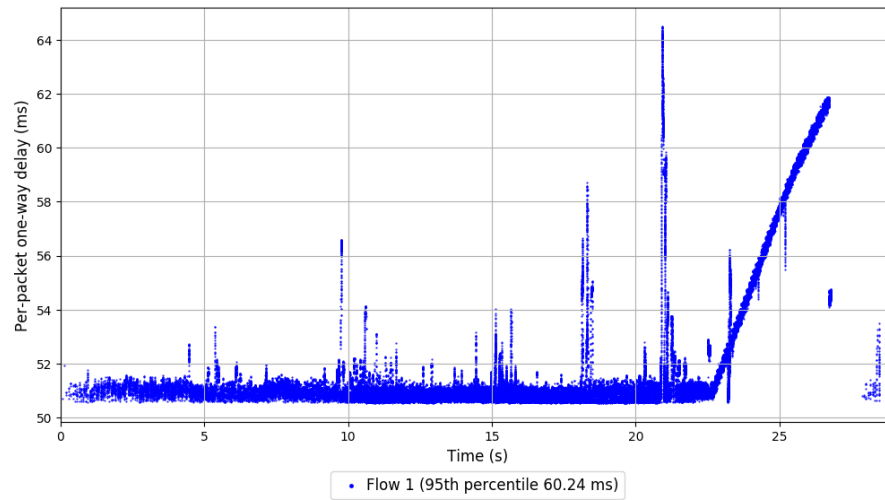
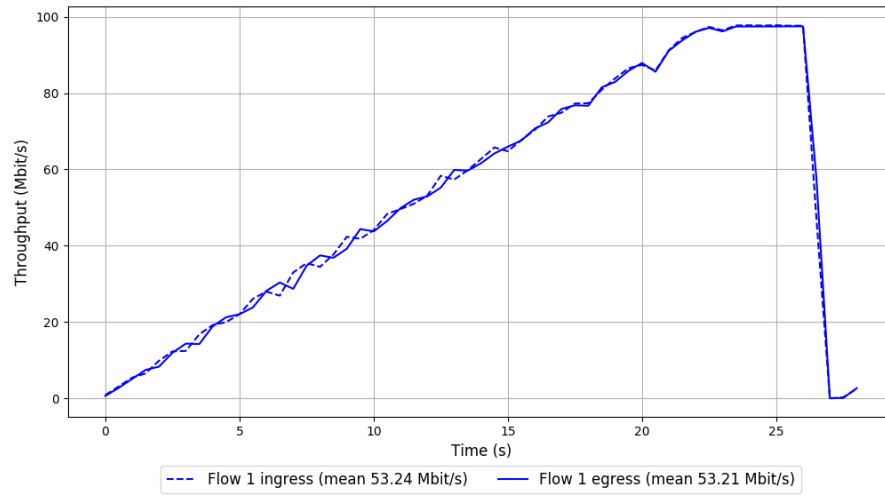


Run 5: Statistics of LEDBAT

Start at: 2017-09-03 05:48:04
End at: 2017-09-03 05:48:34
Local clock offset: 0.938 ms
Remote clock offset: -1.179 ms

Below is generated by plot.py at 2017-09-03 08:25:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 53.21 Mbit/s
95th percentile per-packet one-way delay: 60.239 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 53.21 Mbit/s
95th percentile per-packet one-way delay: 60.239 ms
Loss rate: 0.05%

Run 5: Report of LEDBAT — Data Link

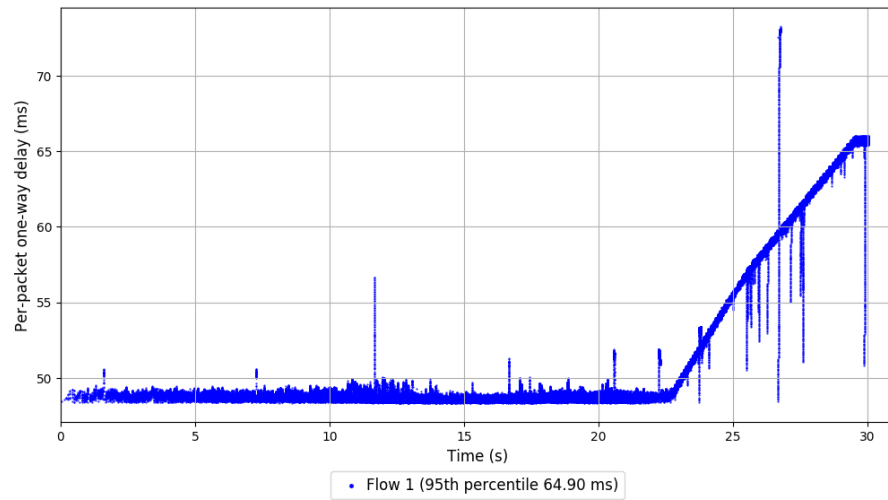
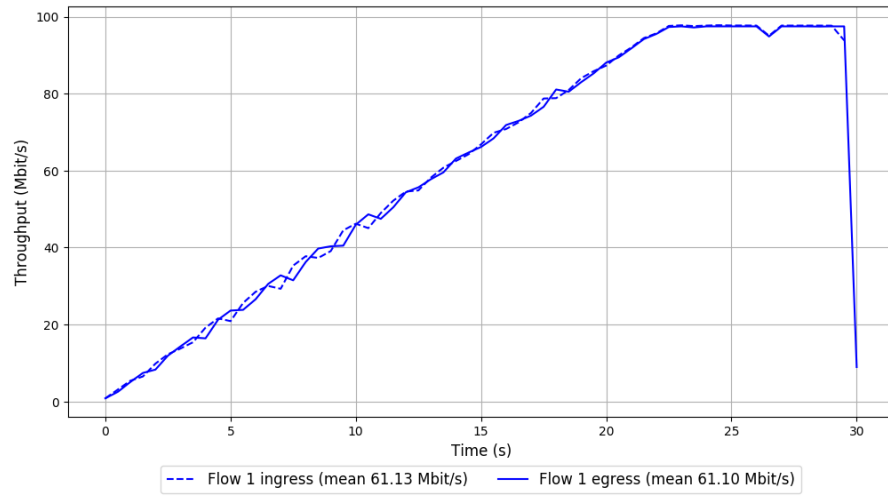


Run 6: Statistics of LEDBAT

Start at: 2017-09-03 06:08:50
End at: 2017-09-03 06:09:20
Local clock offset: 0.94 ms
Remote clock offset: -3.569 ms

Below is generated by plot.py at 2017-09-03 08:25:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 61.10 Mbit/s
95th percentile per-packet one-way delay: 64.902 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 61.10 Mbit/s
95th percentile per-packet one-way delay: 64.902 ms
Loss rate: 0.01%

Run 6: Report of LEDBAT — Data Link

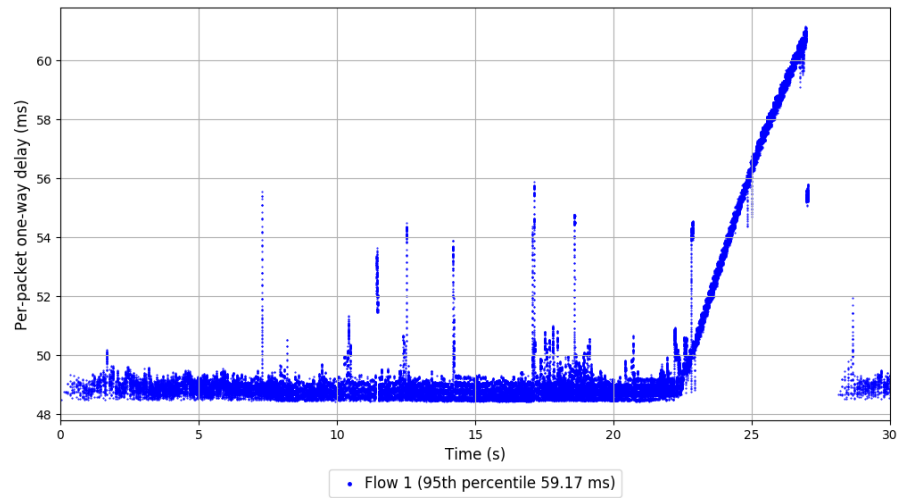
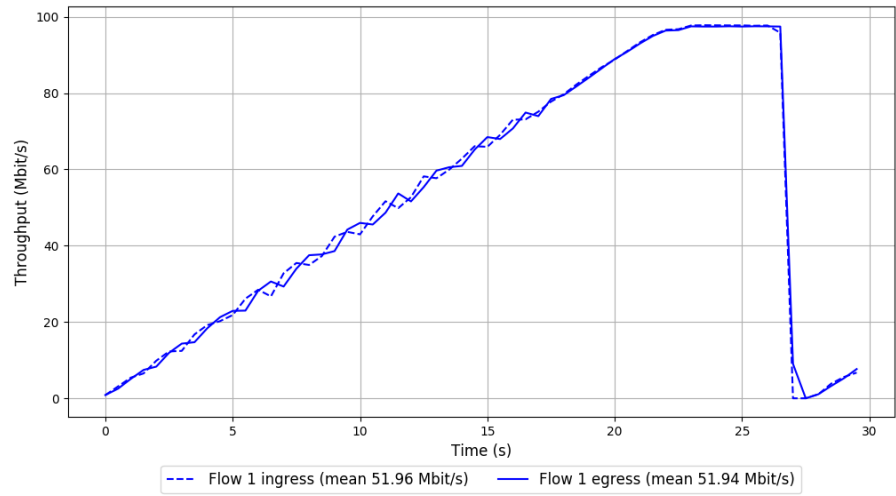


Run 7: Statistics of LEDBAT

Start at: 2017-09-03 06:29:02
End at: 2017-09-03 06:29:32
Local clock offset: 1.073 ms
Remote clock offset: -3.711 ms

Below is generated by plot.py at 2017-09-03 08:25:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 51.94 Mbit/s
95th percentile per-packet one-way delay: 59.167 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 51.94 Mbit/s
95th percentile per-packet one-way delay: 59.167 ms
Loss rate: 0.03%

Run 7: Report of LEDBAT — Data Link

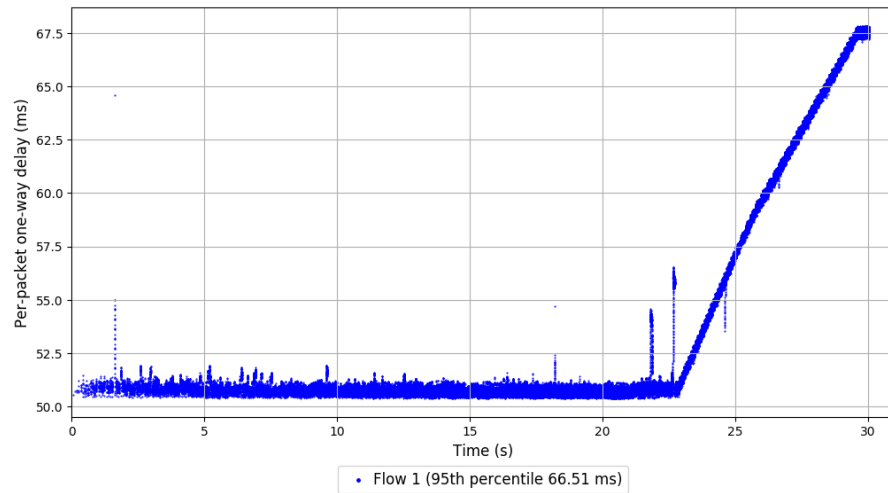
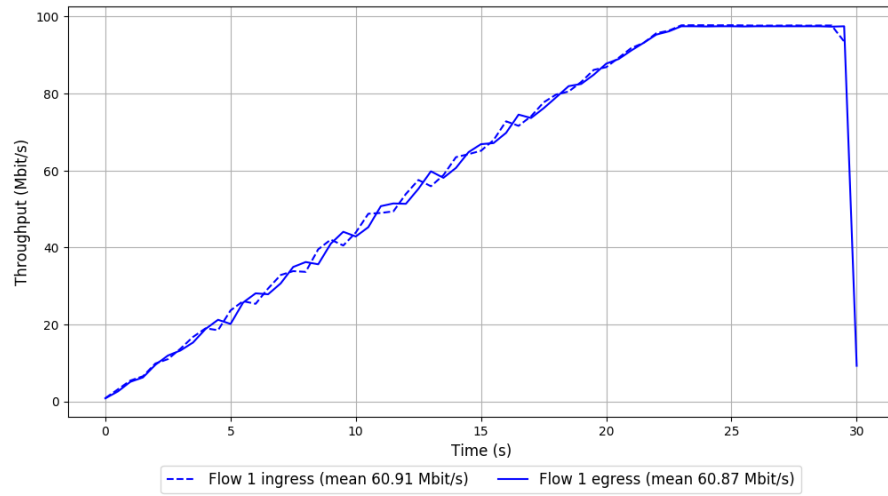


Run 8: Statistics of LEDBAT

Start at: 2017-09-03 06:49:20
End at: 2017-09-03 06:49:50
Local clock offset: 1.073 ms
Remote clock offset: -1.767 ms

Below is generated by plot.py at 2017-09-03 08:25:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 60.87 Mbit/s
95th percentile per-packet one-way delay: 66.512 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 60.87 Mbit/s
95th percentile per-packet one-way delay: 66.512 ms
Loss rate: 0.00%

Run 8: Report of LEDBAT — Data Link

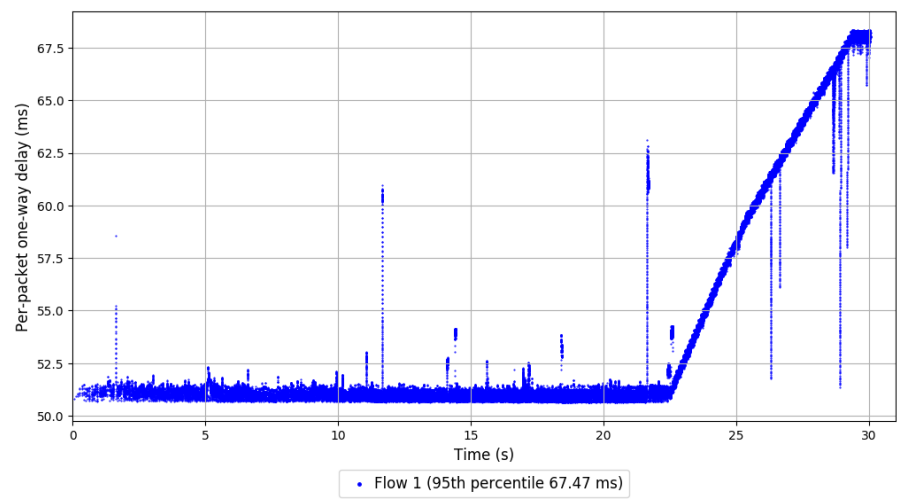
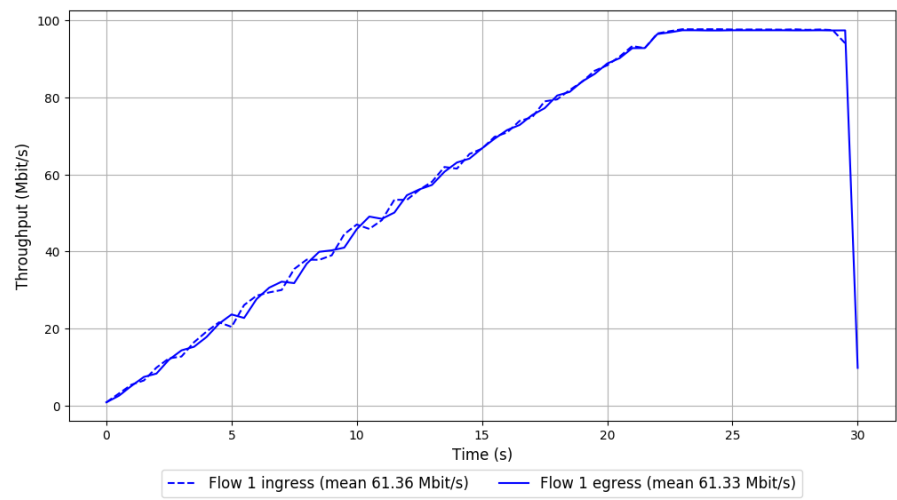


Run 9: Statistics of LEDBAT

Start at: 2017-09-03 07:09:31
End at: 2017-09-03 07:10:01
Local clock offset: 0.924 ms
Remote clock offset: -0.944 ms

Below is generated by plot.py at 2017-09-03 08:25:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 61.33 Mbit/s
95th percentile per-packet one-way delay: 67.468 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 61.33 Mbit/s
95th percentile per-packet one-way delay: 67.468 ms
Loss rate: 0.00%

Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: 2017-09-03 07:29:47

End at: 2017-09-03 07:30:17

Local clock offset: 0.7 ms

Remote clock offset: -1.093 ms

Below is generated by plot.py at 2017-09-03 08:25:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 45.39 Mbit/s

95th percentile per-packet one-way delay: 55.543 ms

Loss rate: 0.04%

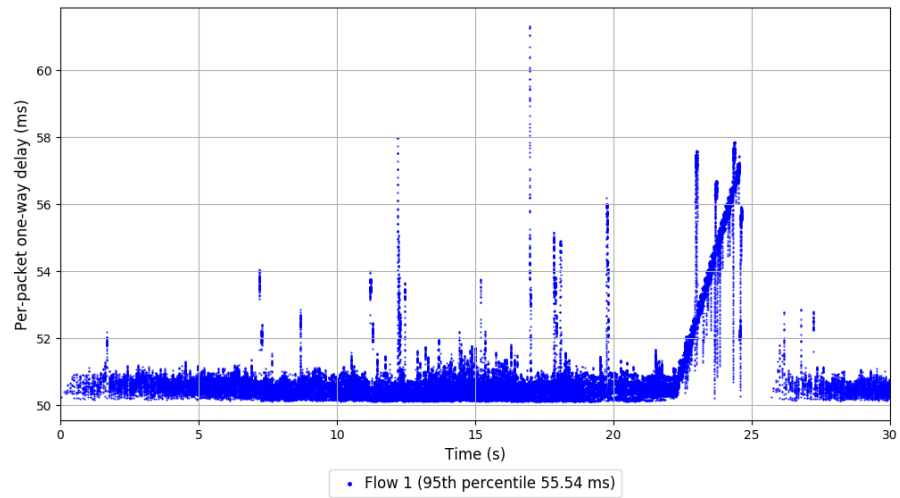
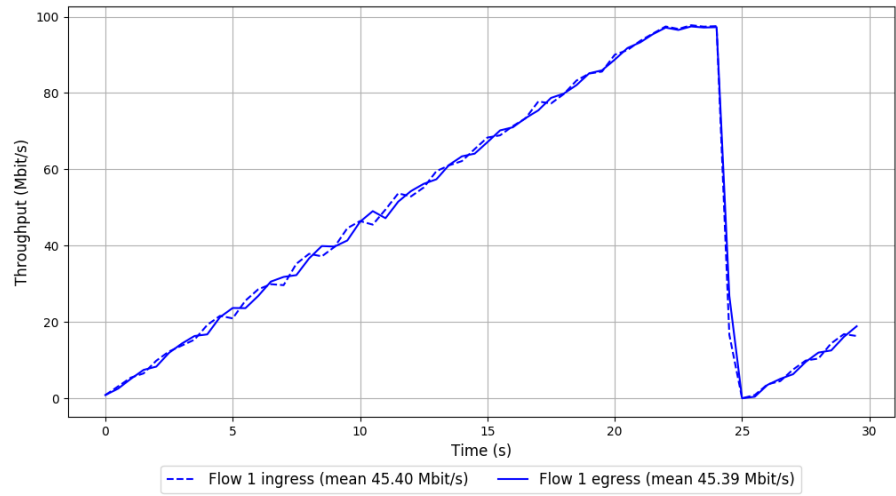
-- Flow 1:

Average throughput: 45.39 Mbit/s

95th percentile per-packet one-way delay: 55.543 ms

Loss rate: 0.04%

Run 10: Report of LEDBAT — Data Link

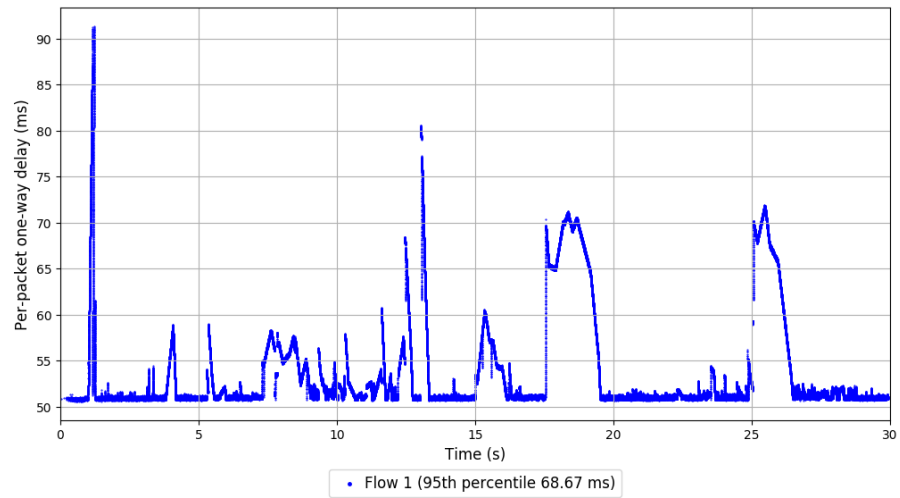
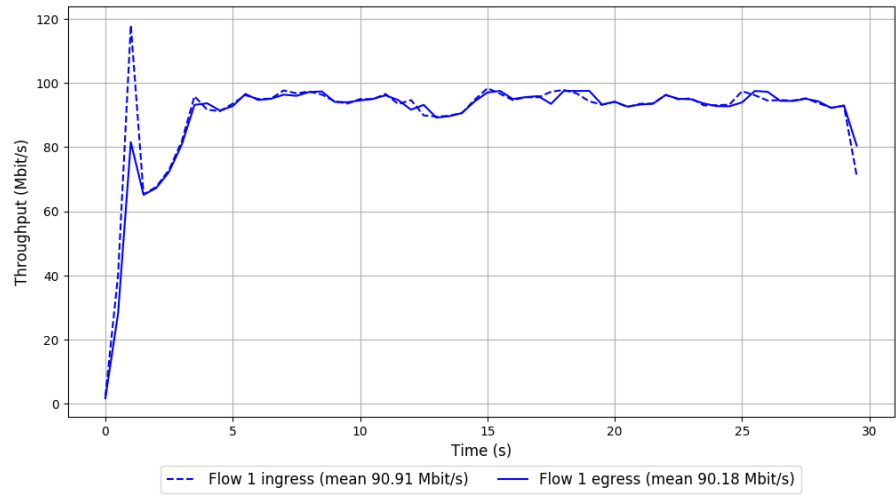


```
Run 1: Statistics of PCC

Start at: 2017-09-03 04:17:35
End at: 2017-09-03 04:18:05
Local clock offset: -0.005 ms
Remote clock offset: 0.562 ms

# Below is generated by plot.py at 2017-09-03 08:25:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.18 Mbit/s
95th percentile per-packet one-way delay: 68.667 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 90.18 Mbit/s
95th percentile per-packet one-way delay: 68.667 ms
Loss rate: 0.81%
```

Run 1: Report of PCC — Data Link

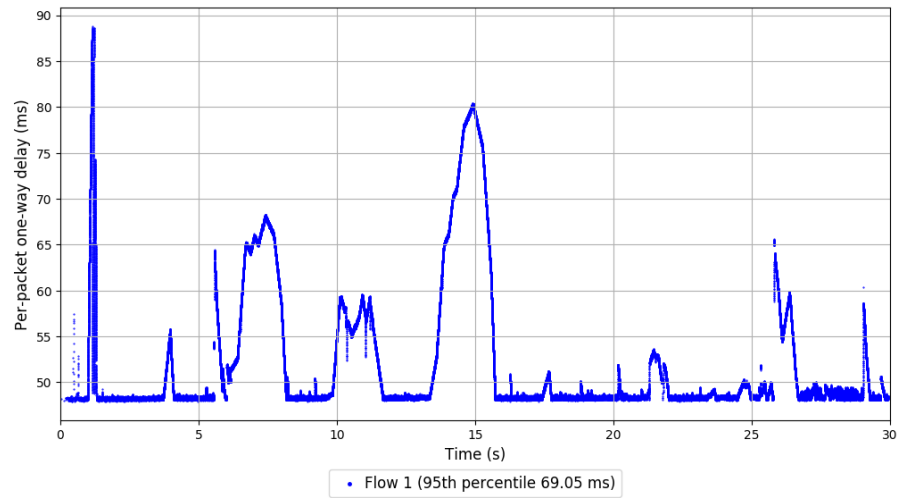
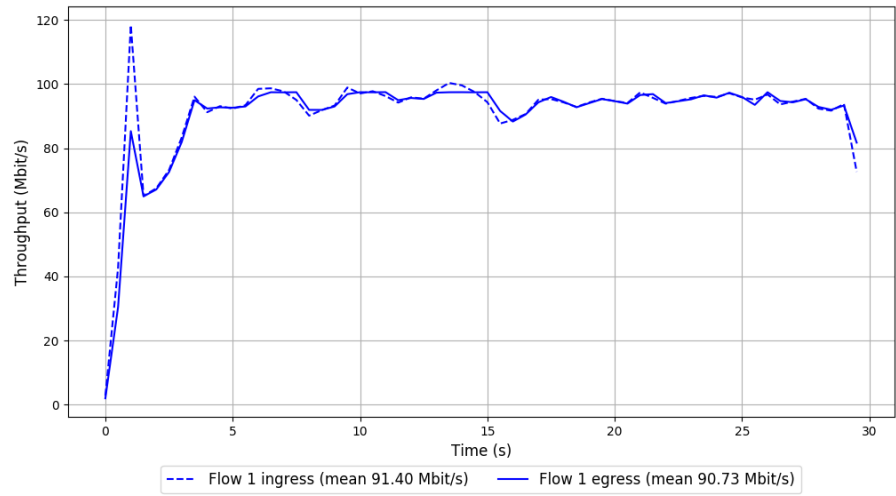


Run 2: Statistics of PCC

Start at: 2017-09-03 04:38:34
End at: 2017-09-03 04:39:04
Local clock offset: 0.477 ms
Remote clock offset: -2.224 ms

Below is generated by plot.py at 2017-09-03 08:25:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.73 Mbit/s
95th percentile per-packet one-way delay: 69.049 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 90.73 Mbit/s
95th percentile per-packet one-way delay: 69.049 ms
Loss rate: 0.73%

Run 2: Report of PCC — Data Link

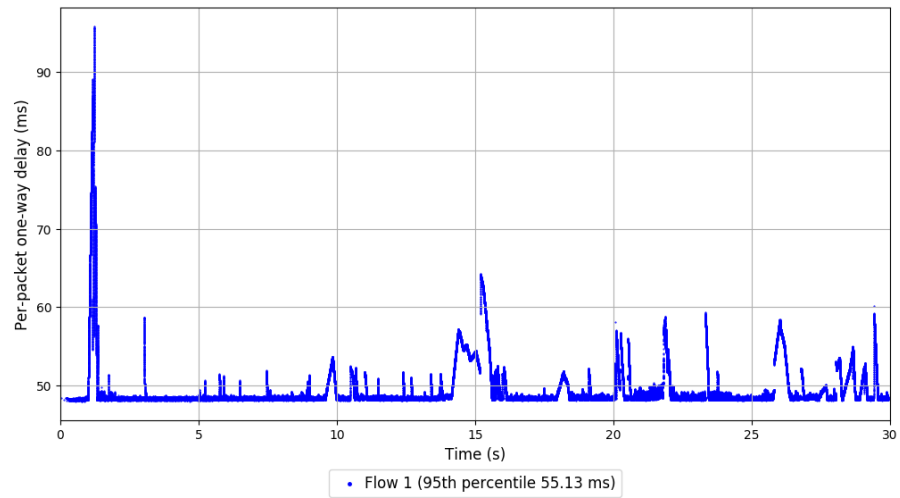
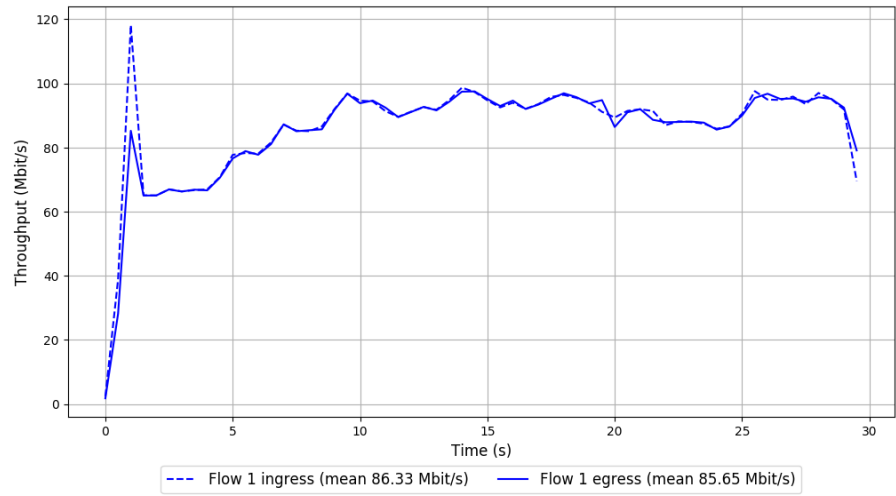


Run 3: Statistics of PCC

Start at: 2017-09-03 04:59:39
End at: 2017-09-03 05:00:09
Local clock offset: 0.91 ms
Remote clock offset: -2.371 ms

Below is generated by plot.py at 2017-09-03 08:25:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 85.65 Mbit/s
95th percentile per-packet one-way delay: 55.126 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 85.65 Mbit/s
95th percentile per-packet one-way delay: 55.126 ms
Loss rate: 0.78%

Run 3: Report of PCC — Data Link

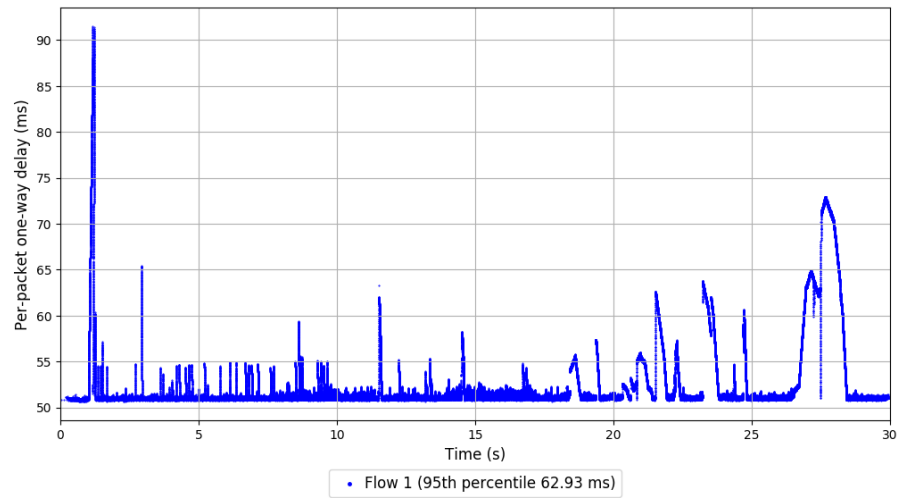
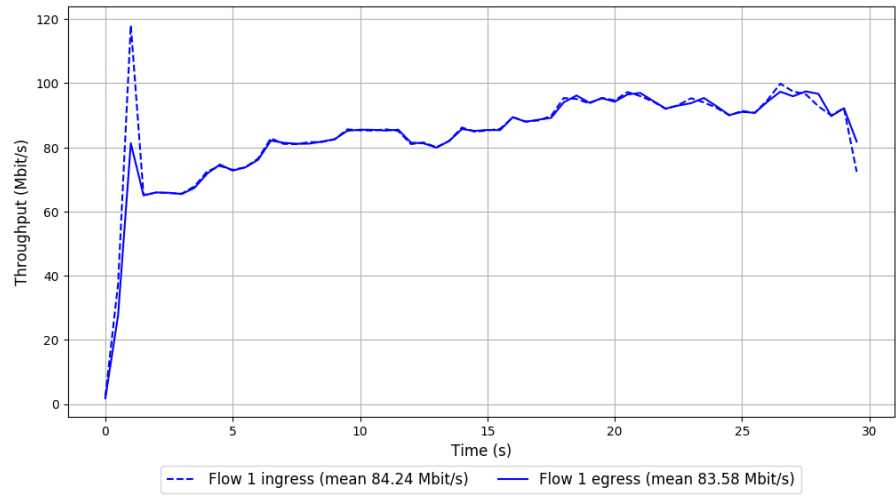


Run 4: Statistics of PCC

Start at: 2017-09-03 05:20:46
End at: 2017-09-03 05:21:16
Local clock offset: 0.879 ms
Remote clock offset: -0.383 ms

Below is generated by plot.py at 2017-09-03 08:25:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.58 Mbit/s
95th percentile per-packet one-way delay: 62.934 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 83.58 Mbit/s
95th percentile per-packet one-way delay: 62.934 ms
Loss rate: 0.81%

Run 4: Report of PCC — Data Link

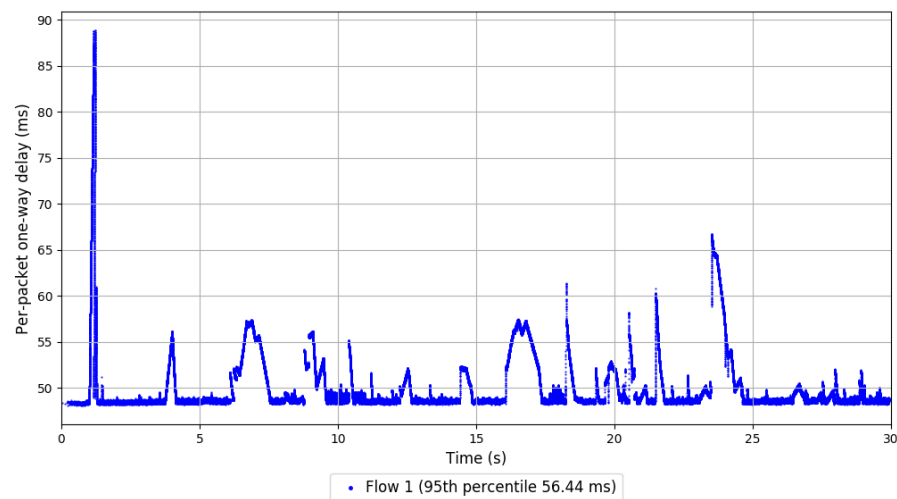
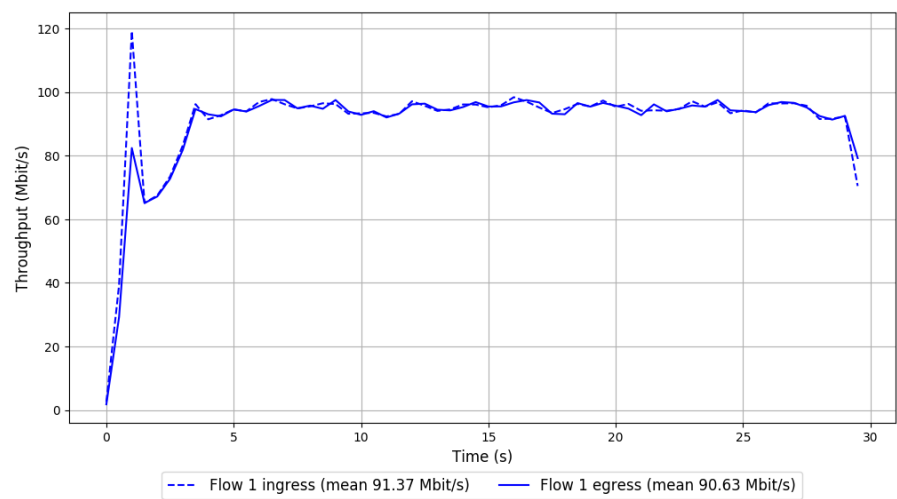


Run 5: Statistics of PCC

Start at: 2017-09-03 05:41:09
End at: 2017-09-03 05:41:39
Local clock offset: 0.778 ms
Remote clock offset: -3.205 ms

Below is generated by plot.py at 2017-09-03 08:26:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.63 Mbit/s
95th percentile per-packet one-way delay: 56.435 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 90.63 Mbit/s
95th percentile per-packet one-way delay: 56.435 ms
Loss rate: 0.81%

Run 5: Report of PCC — Data Link

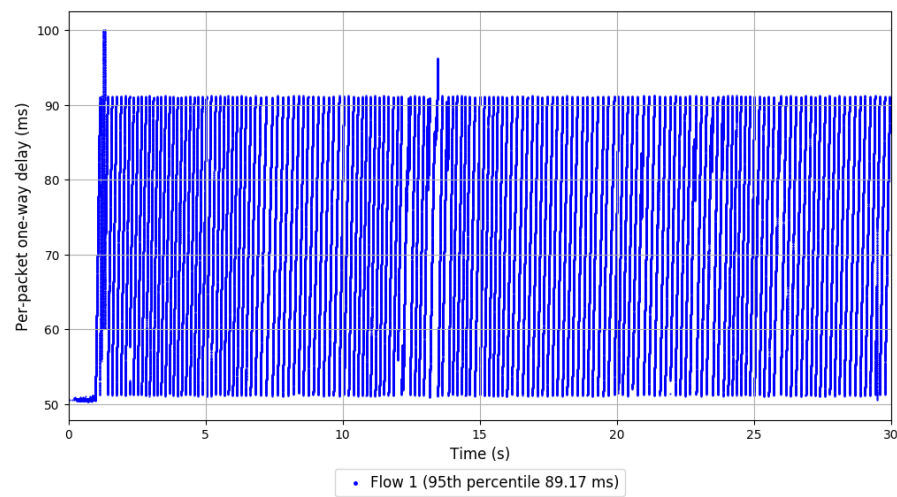
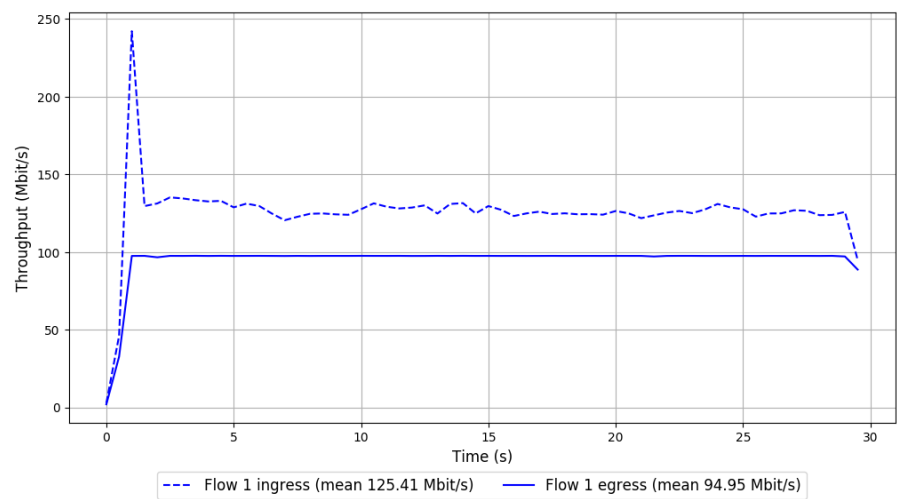


Run 6: Statistics of PCC

Start at: 2017-09-03 06:02:08
End at: 2017-09-03 06:02:38
Local clock offset: 0.906 ms
Remote clock offset: -1.568 ms

Below is generated by plot.py at 2017-09-03 08:26:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.95 Mbit/s
95th percentile per-packet one-way delay: 89.166 ms
Loss rate: 24.24%
-- Flow 1:
Average throughput: 94.95 Mbit/s
95th percentile per-packet one-way delay: 89.166 ms
Loss rate: 24.24%

Run 6: Report of PCC — Data Link

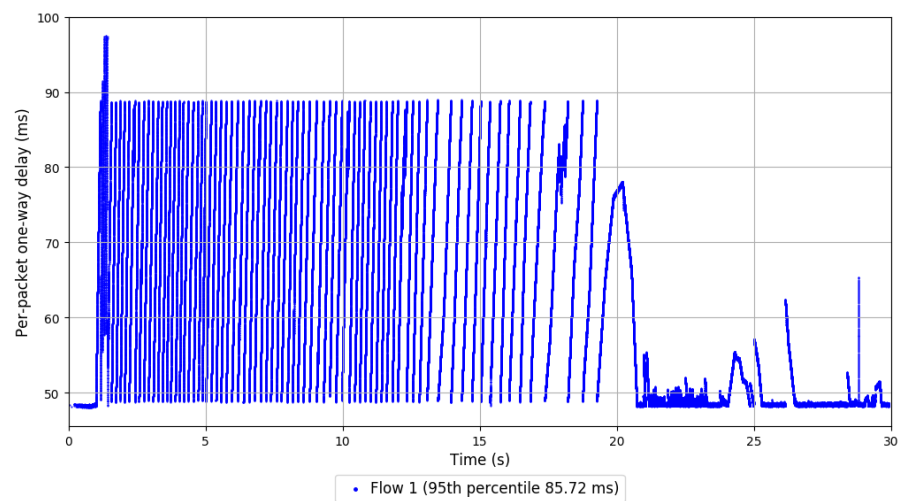
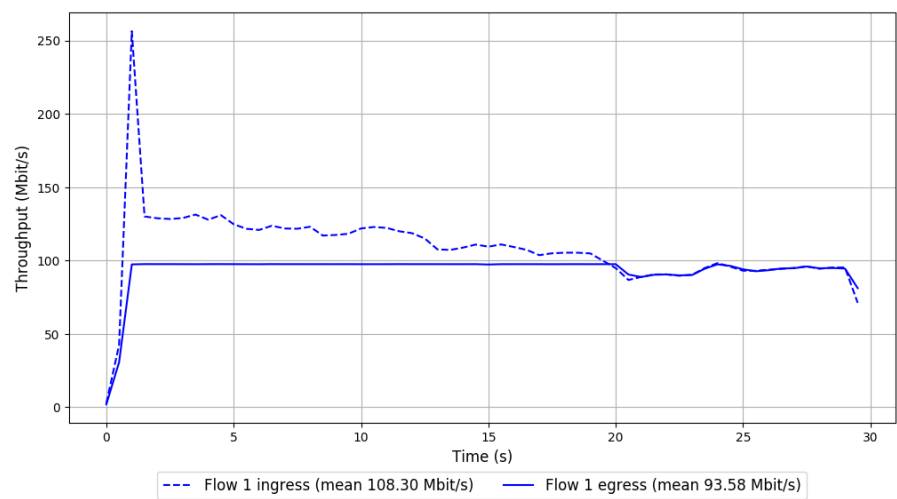


Run 7: Statistics of PCC

Start at: 2017-09-03 06:22:17
End at: 2017-09-03 06:22:47
Local clock offset: 1.153 ms
Remote clock offset: -3.646 ms

Below is generated by plot.py at 2017-09-03 08:26:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.58 Mbit/s
95th percentile per-packet one-way delay: 85.721 ms
Loss rate: 13.61%
-- Flow 1:
Average throughput: 93.58 Mbit/s
95th percentile per-packet one-way delay: 85.721 ms
Loss rate: 13.61%

Run 7: Report of PCC — Data Link

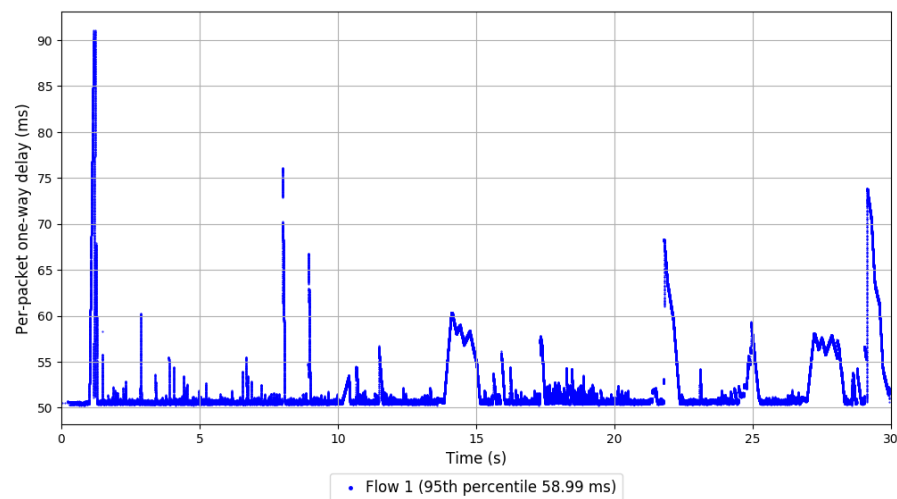
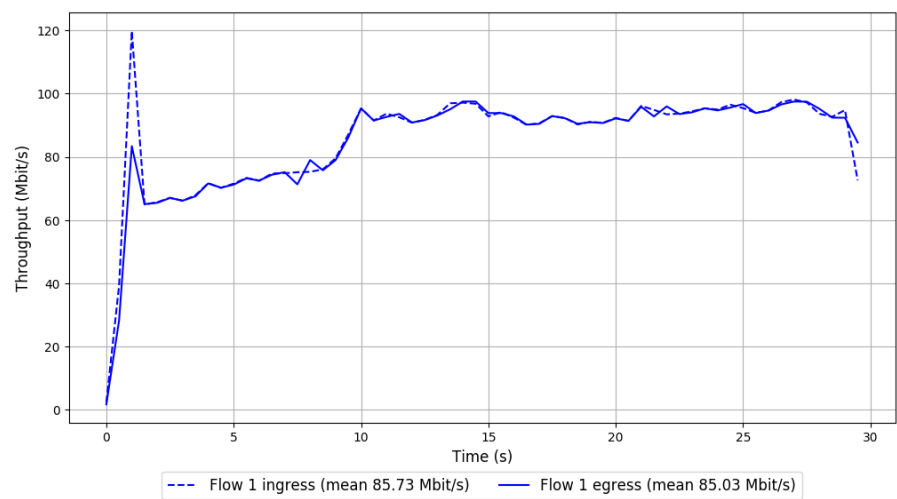


Run 8: Statistics of PCC

Start at: 2017-09-03 06:42:31
End at: 2017-09-03 06:43:01
Local clock offset: 1.085 ms
Remote clock offset: -1.806 ms

Below is generated by plot.py at 2017-09-03 08:26:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 85.03 Mbit/s
95th percentile per-packet one-way delay: 58.989 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 85.03 Mbit/s
95th percentile per-packet one-way delay: 58.989 ms
Loss rate: 0.81%

Run 8: Report of PCC — Data Link

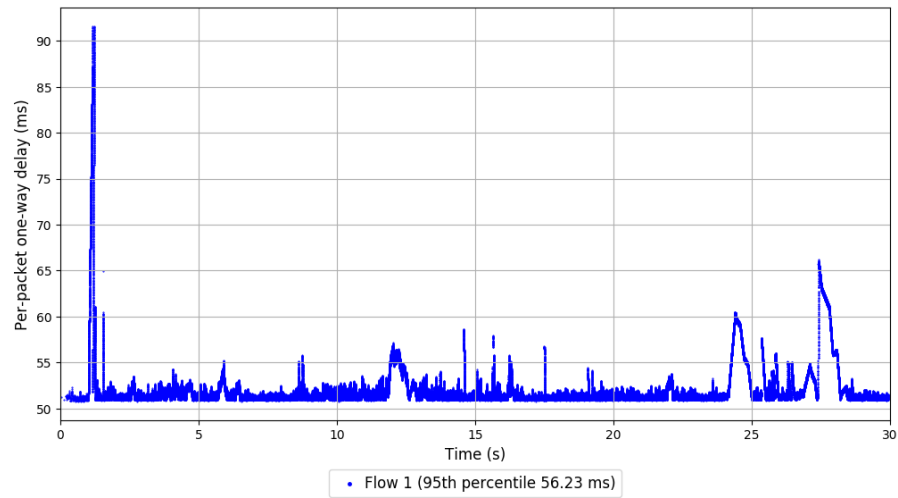
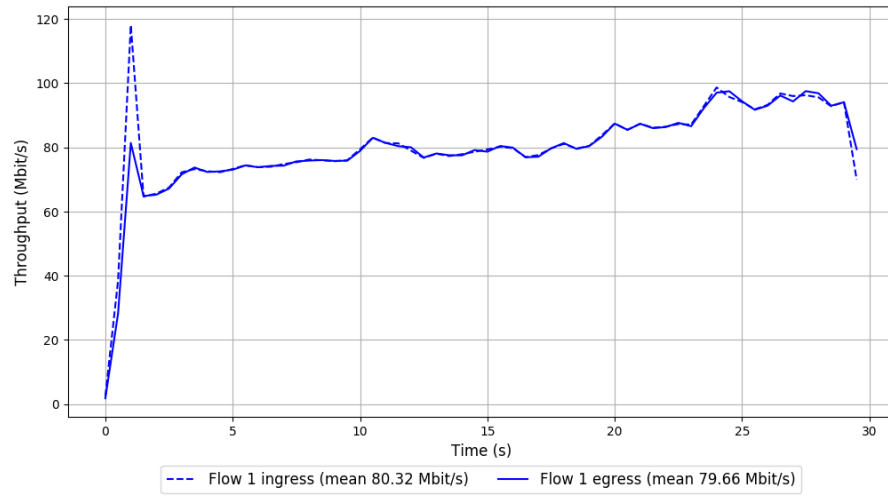


Run 9: Statistics of PCC

Start at: 2017-09-03 07:02:51
End at: 2017-09-03 07:03:21
Local clock offset: 0.932 ms
Remote clock offset: -1.083 ms

Below is generated by plot.py at 2017-09-03 08:26:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 79.66 Mbit/s
95th percentile per-packet one-way delay: 56.235 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 79.66 Mbit/s
95th percentile per-packet one-way delay: 56.235 ms
Loss rate: 0.85%

Run 9: Report of PCC — Data Link

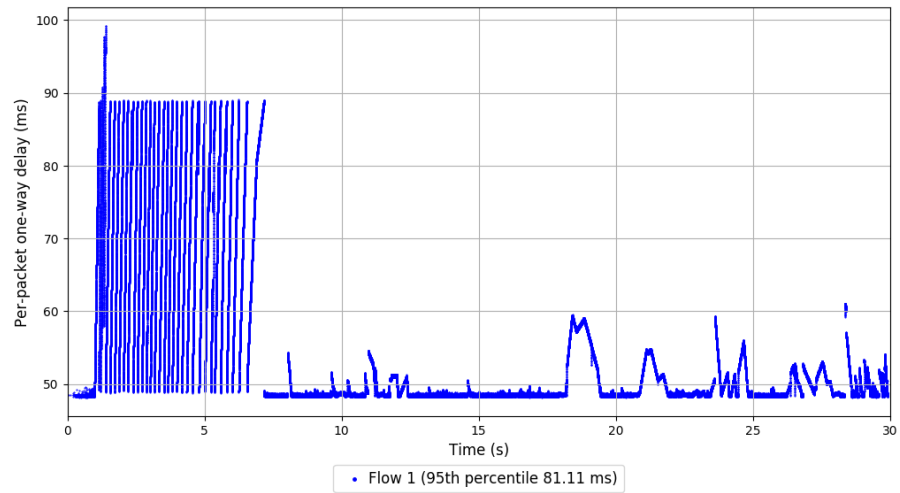
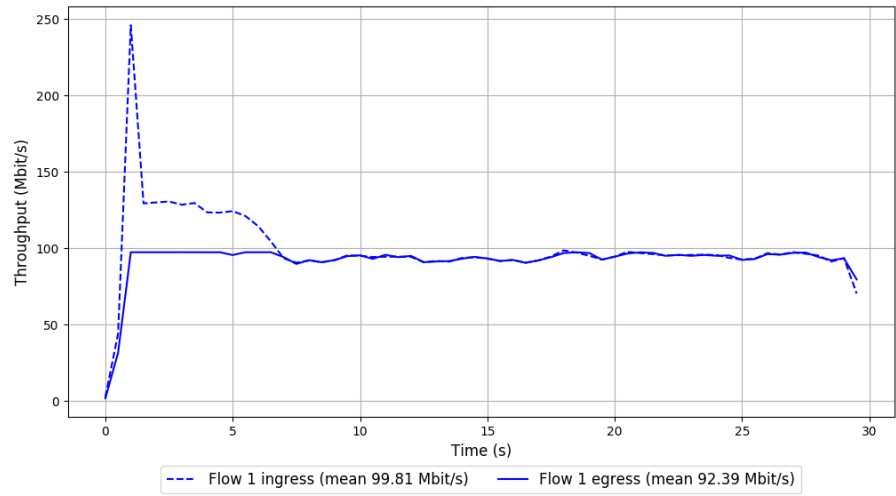


Run 10: Statistics of PCC

Start at: 2017-09-03 07:23:01
End at: 2017-09-03 07:23:31
Local clock offset: 0.746 ms
Remote clock offset: -3.359 ms

Below is generated by plot.py at 2017-09-03 08:26:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.39 Mbit/s
95th percentile per-packet one-way delay: 81.113 ms
Loss rate: 7.43%
-- Flow 1:
Average throughput: 92.39 Mbit/s
95th percentile per-packet one-way delay: 81.113 ms
Loss rate: 7.43%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

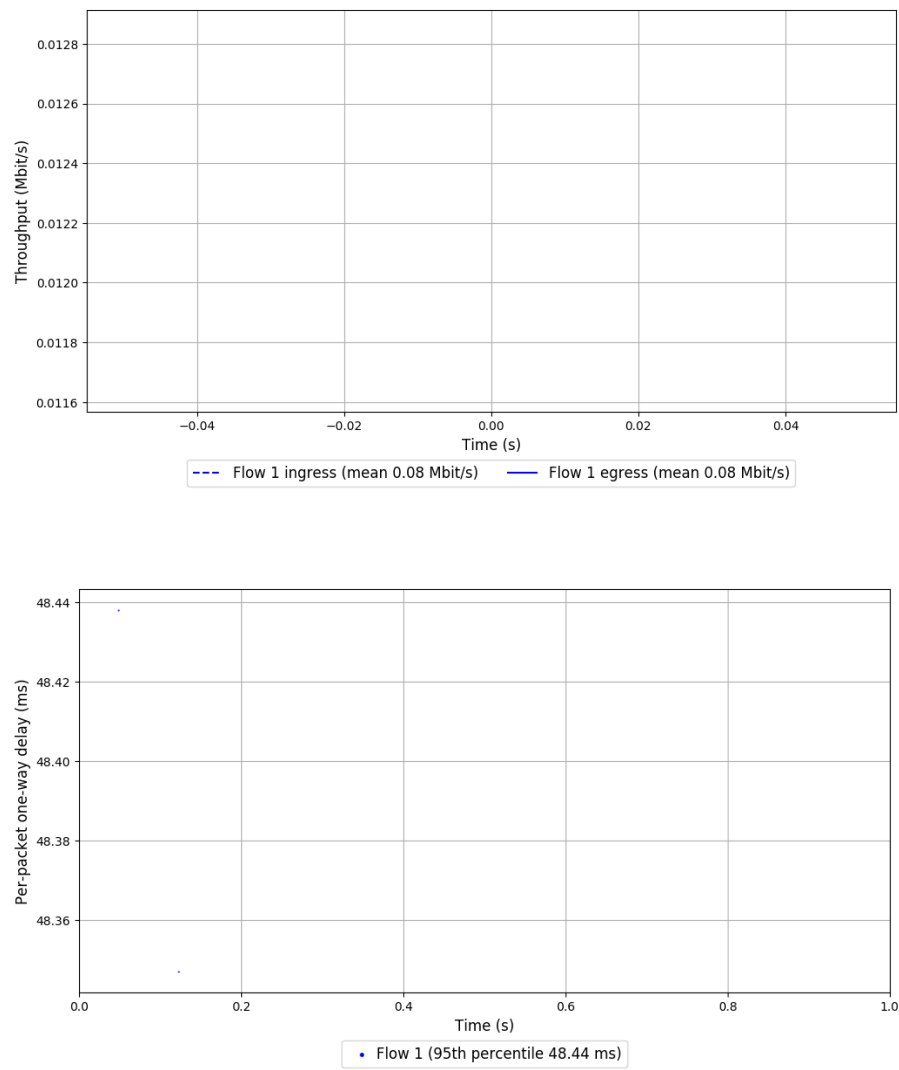
Start at: 2017-09-03 04:37:17

End at: 2017-09-03 04:37:47

Local clock offset: 0.445 ms

Remote clock offset: -2.047 ms

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2017-09-03 04:58:13

End at: 2017-09-03 04:58:43

Local clock offset: 0.805 ms

Remote clock offset: 0.279 ms

Below is generated by plot.py at 2017-09-03 08:26:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.01 Mbit/s

95th percentile per-packet one-way delay: 63.246 ms

Loss rate: 0.38%

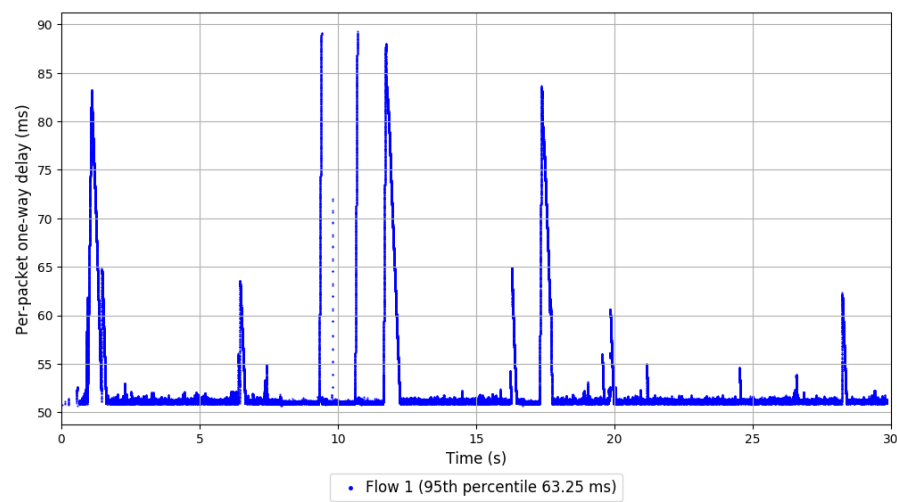
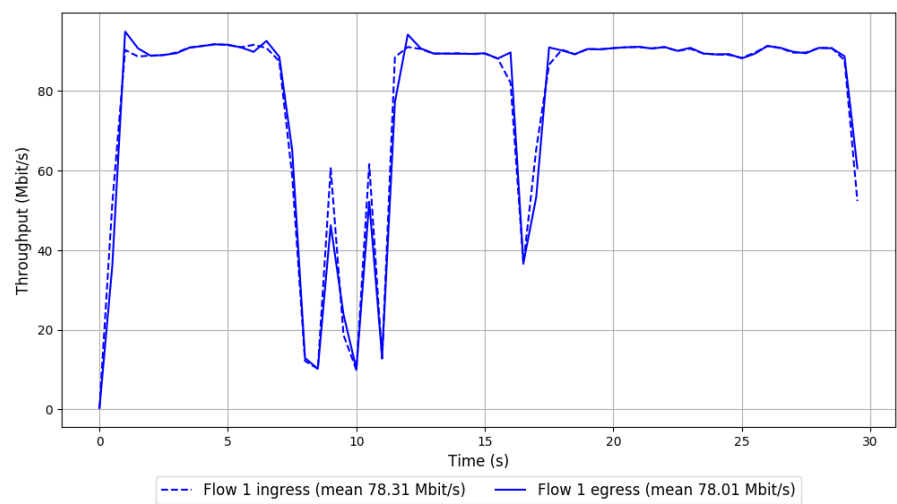
-- Flow 1:

Average throughput: 78.01 Mbit/s

95th percentile per-packet one-way delay: 63.246 ms

Loss rate: 0.38%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2017-09-03 05:19:22

End at: 2017-09-03 05:19:52

Local clock offset: 0.902 ms

Remote clock offset: -2.69 ms

Below is generated by plot.py at 2017-09-03 08:26:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.18 Mbit/s

95th percentile per-packet one-way delay: 52.445 ms

Loss rate: 0.68%

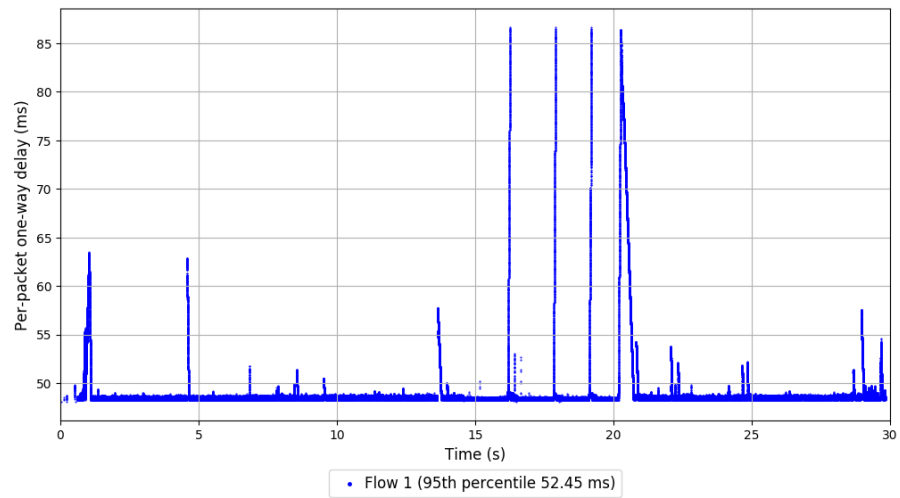
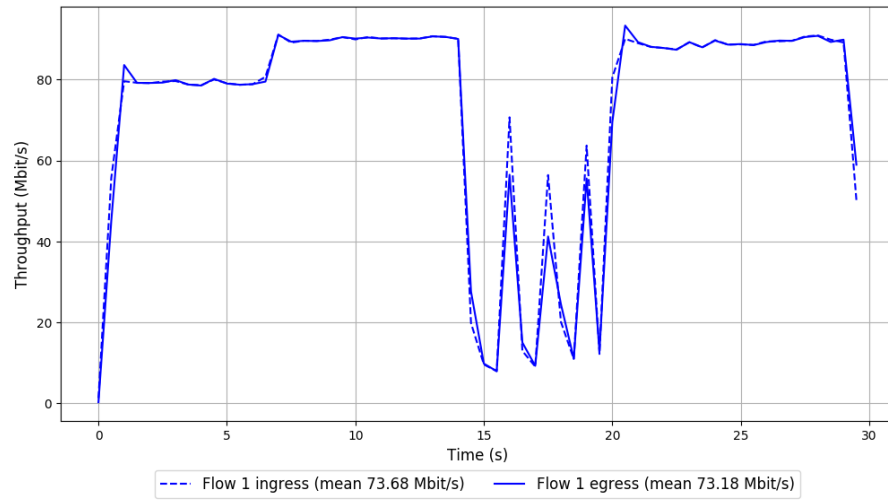
-- Flow 1:

Average throughput: 73.18 Mbit/s

95th percentile per-packet one-way delay: 52.445 ms

Loss rate: 0.68%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

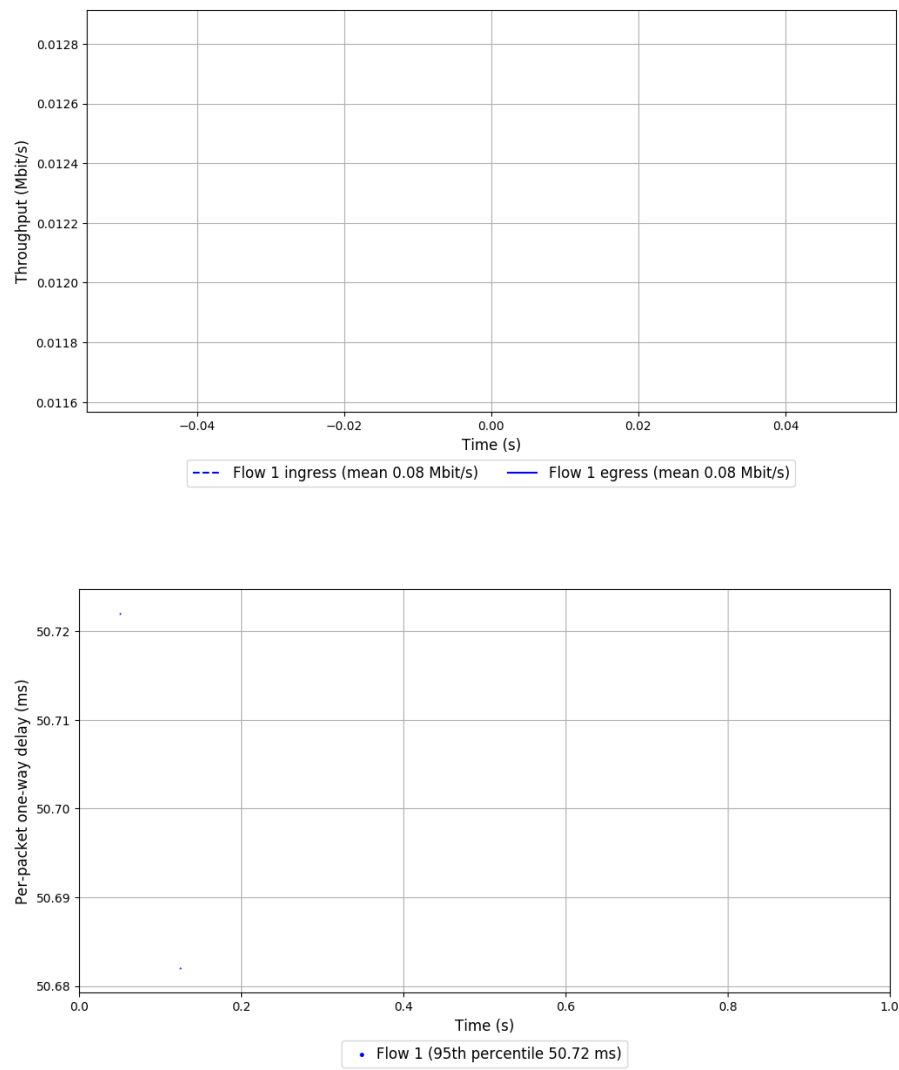
Start at: 2017-09-03 05:39:53

End at: 2017-09-03 05:40:23

Local clock offset: 0.772 ms

Remote clock offset: -0.738 ms

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2017-09-03 06:00:46

End at: 2017-09-03 06:01:16

Local clock offset: 0.989 ms

Remote clock offset: -1.469 ms

Below is generated by plot.py at 2017-09-03 08:26:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.06 Mbit/s

95th percentile per-packet one-way delay: 52.917 ms

Loss rate: 0.00%

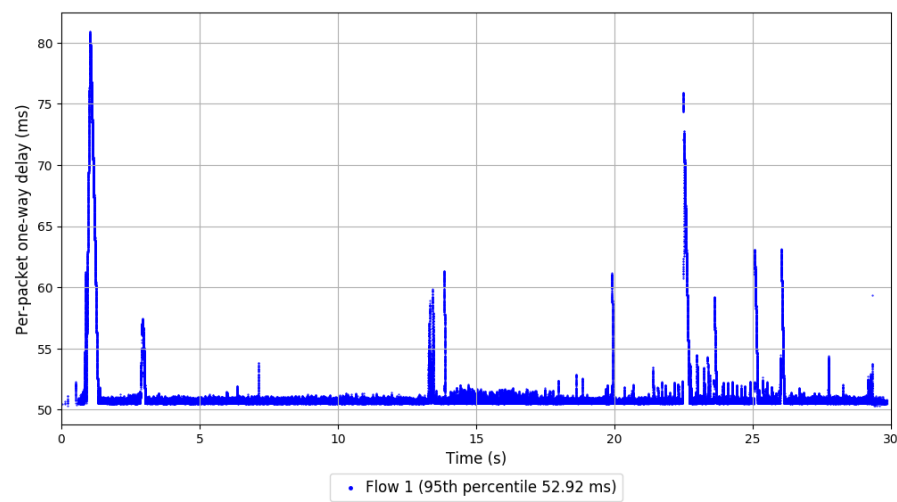
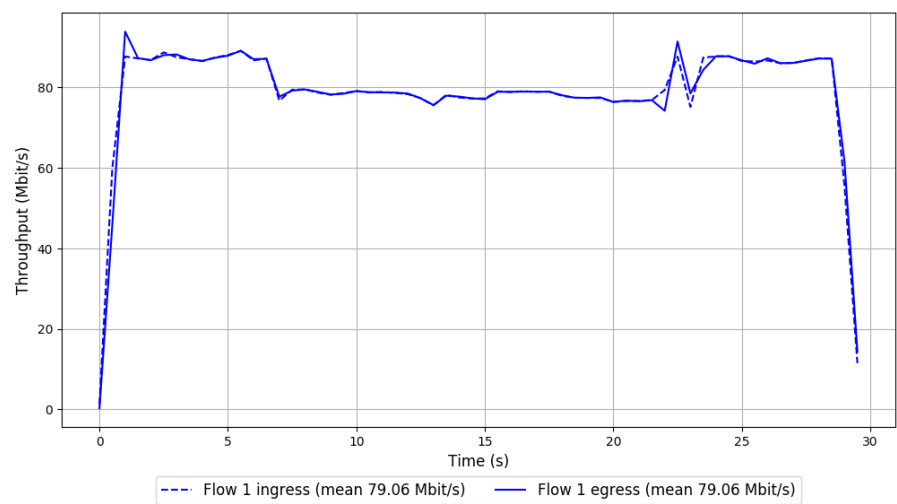
-- Flow 1:

Average throughput: 79.06 Mbit/s

95th percentile per-packet one-way delay: 52.917 ms

Loss rate: 0.00%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

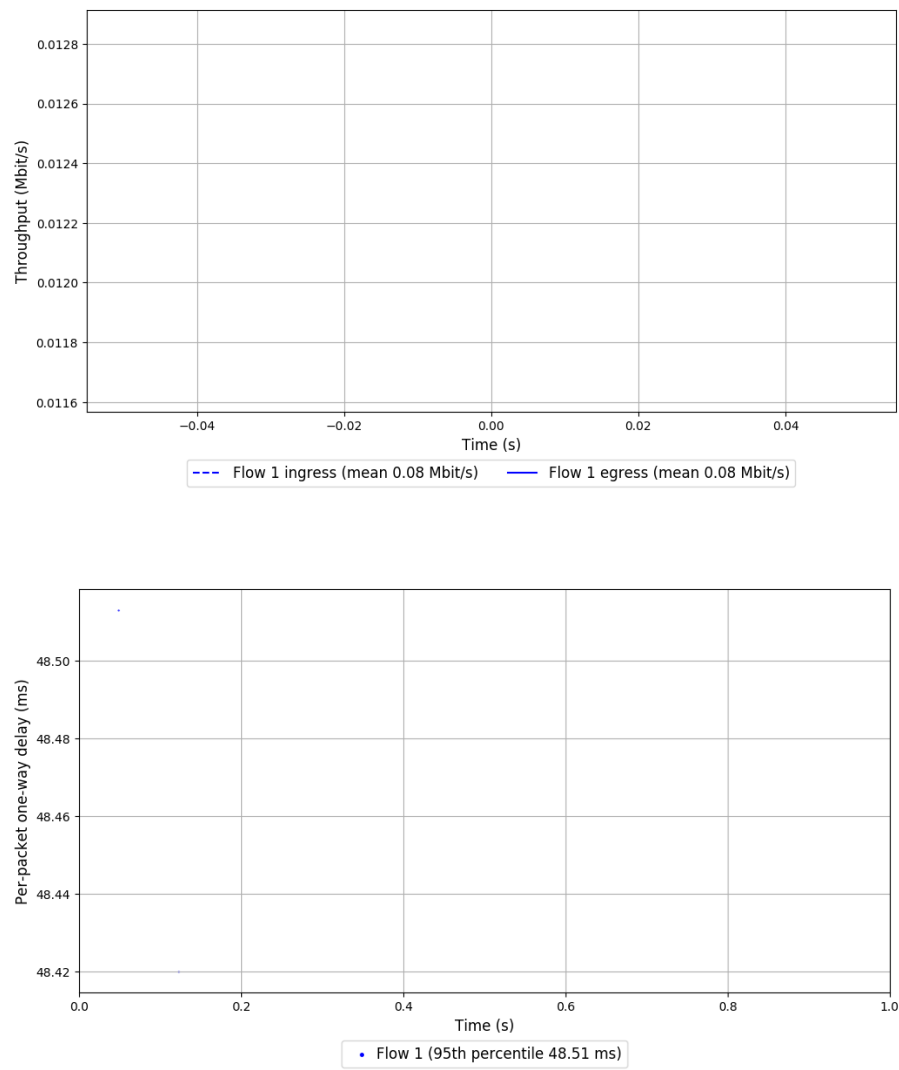
Start at: 2017-09-03 06:21:01

End at: 2017-09-03 06:21:31

Local clock offset: 1.048 ms

Remote clock offset: -3.59 ms

Run 6: Report of QUIC Cubic — Data Link

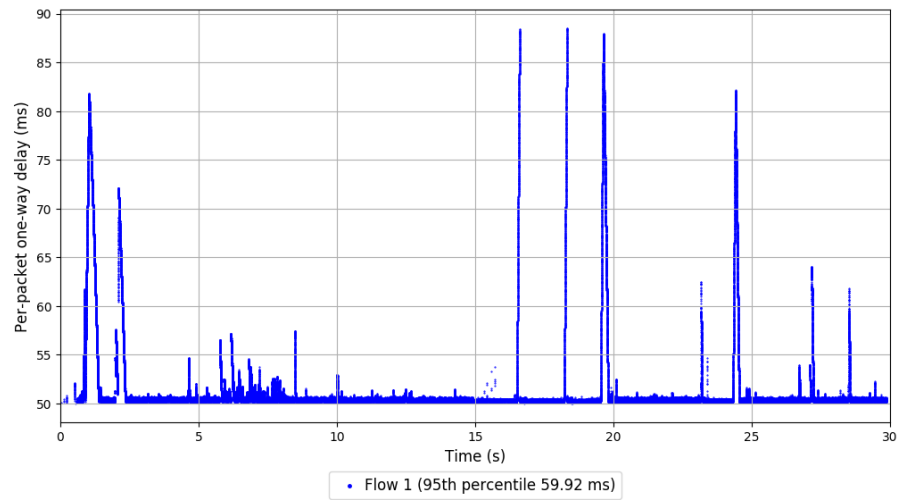
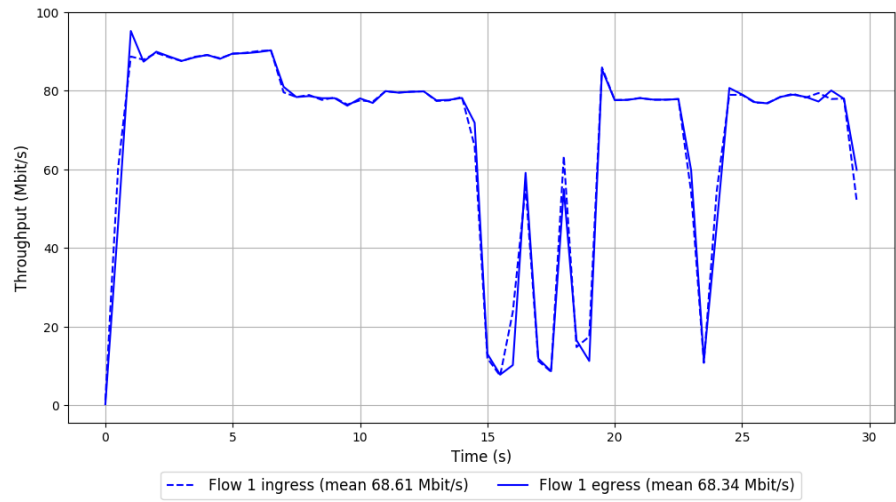


Run 7: Statistics of QUIC Cubic

Start at: 2017-09-03 06:41:09
End at: 2017-09-03 06:41:39
Local clock offset: 1.084 ms
Remote clock offset: -1.822 ms

Below is generated by plot.py at 2017-09-03 08:26:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 68.34 Mbit/s
95th percentile per-packet one-way delay: 59.916 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 68.34 Mbit/s
95th percentile per-packet one-way delay: 59.916 ms
Loss rate: 0.40%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2017-09-03 07:01:29

End at: 2017-09-03 07:01:59

Local clock offset: 0.924 ms

Remote clock offset: -1.55 ms

Below is generated by plot.py at 2017-09-03 08:27:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.94 Mbit/s

95th percentile per-packet one-way delay: 58.759 ms

Loss rate: 0.32%

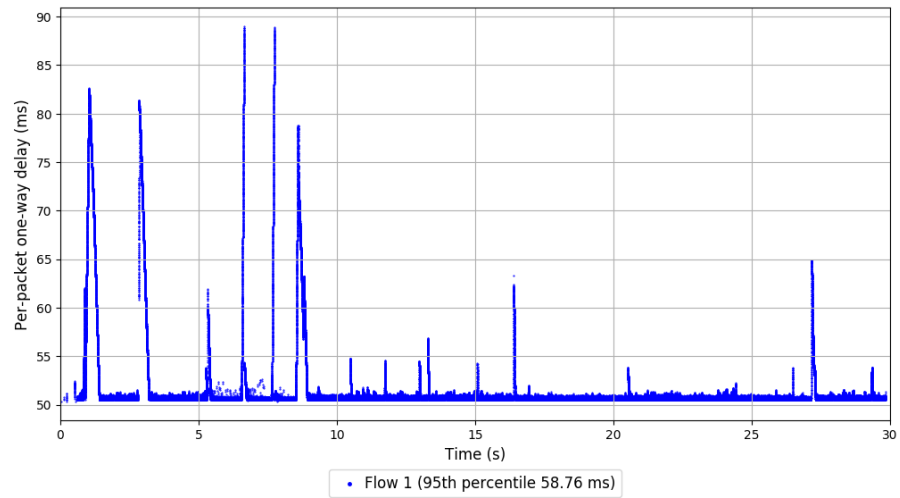
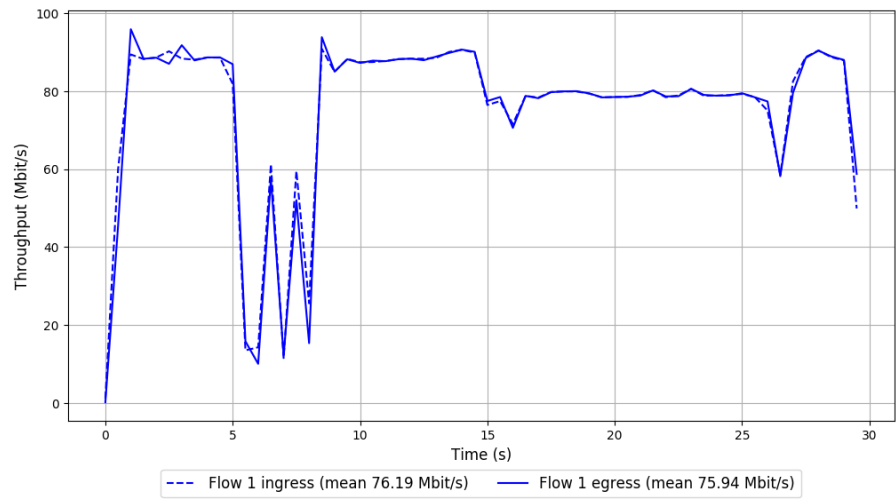
-- Flow 1:

Average throughput: 75.94 Mbit/s

95th percentile per-packet one-way delay: 58.759 ms

Loss rate: 0.32%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2017-09-03 07:21:40

End at: 2017-09-03 07:22:10

Local clock offset: 0.787 ms

Remote clock offset: -3.21 ms

Below is generated by plot.py at 2017-09-03 08:27:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 66.73 Mbit/s

95th percentile per-packet one-way delay: 58.255 ms

Loss rate: 0.46%

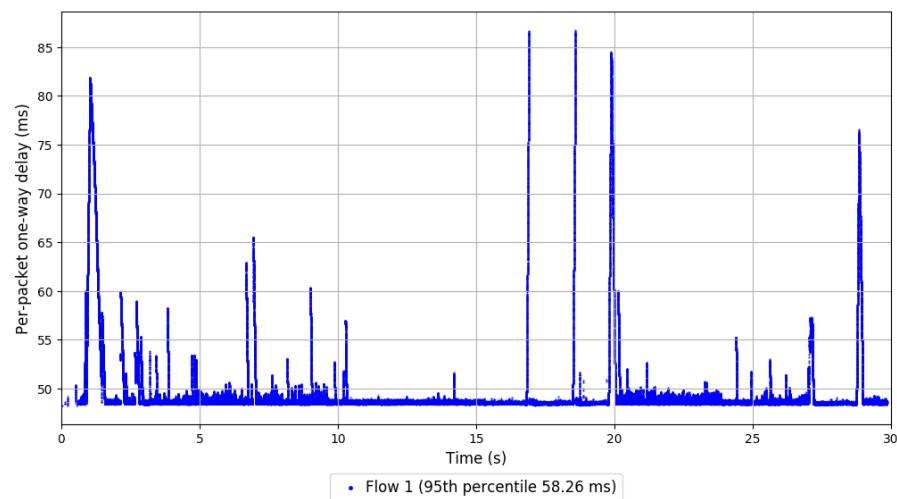
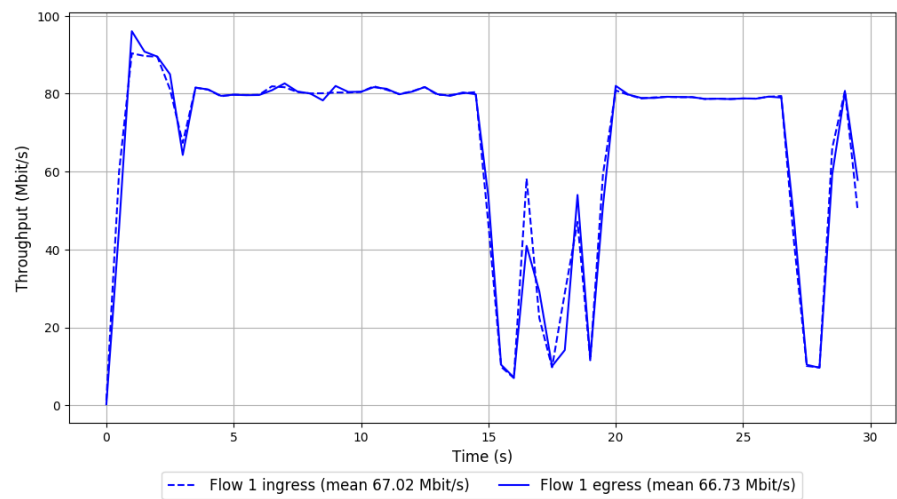
-- Flow 1:

Average throughput: 66.73 Mbit/s

95th percentile per-packet one-way delay: 58.255 ms

Loss rate: 0.46%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2017-09-03 07:41:53

End at: 2017-09-03 07:42:23

Local clock offset: 0.452 ms

Remote clock offset: -2.882 ms

Below is generated by plot.py at 2017-09-03 08:27:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 70.55 Mbit/s

95th percentile per-packet one-way delay: 55.851 ms

Loss rate: 0.60%

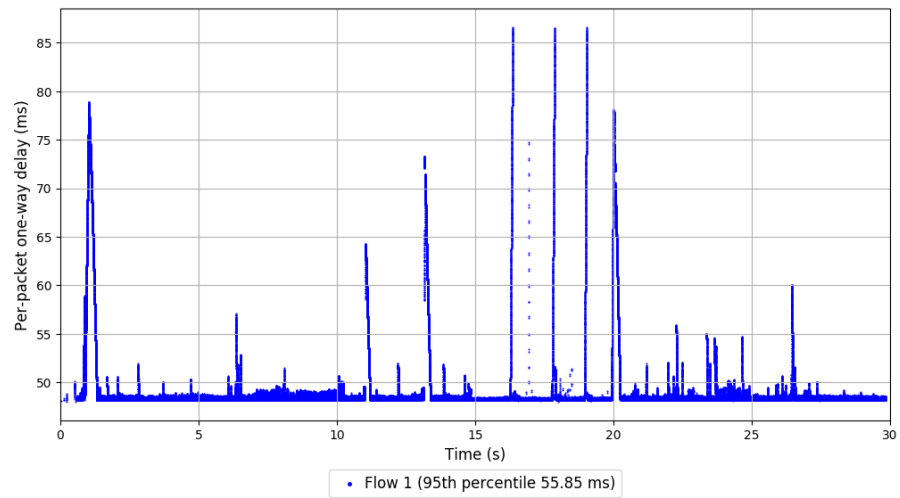
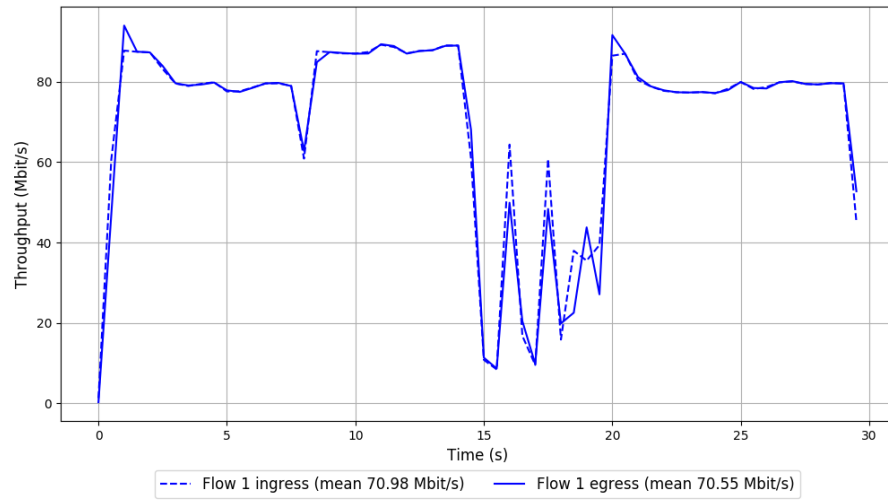
-- Flow 1:

Average throughput: 70.55 Mbit/s

95th percentile per-packet one-way delay: 55.851 ms

Loss rate: 0.60%

Run 10: Report of QUIC Cubic — Data Link



Run 1: Statistics of SCReAM

Start at: 2017-09-03 04:20:22

End at: 2017-09-03 04:20:52

Local clock offset: -0.027 ms

Remote clock offset: 0.155 ms

Below is generated by plot.py at 2017-09-03 08:27:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 50.884 ms

Loss rate: 0.00%

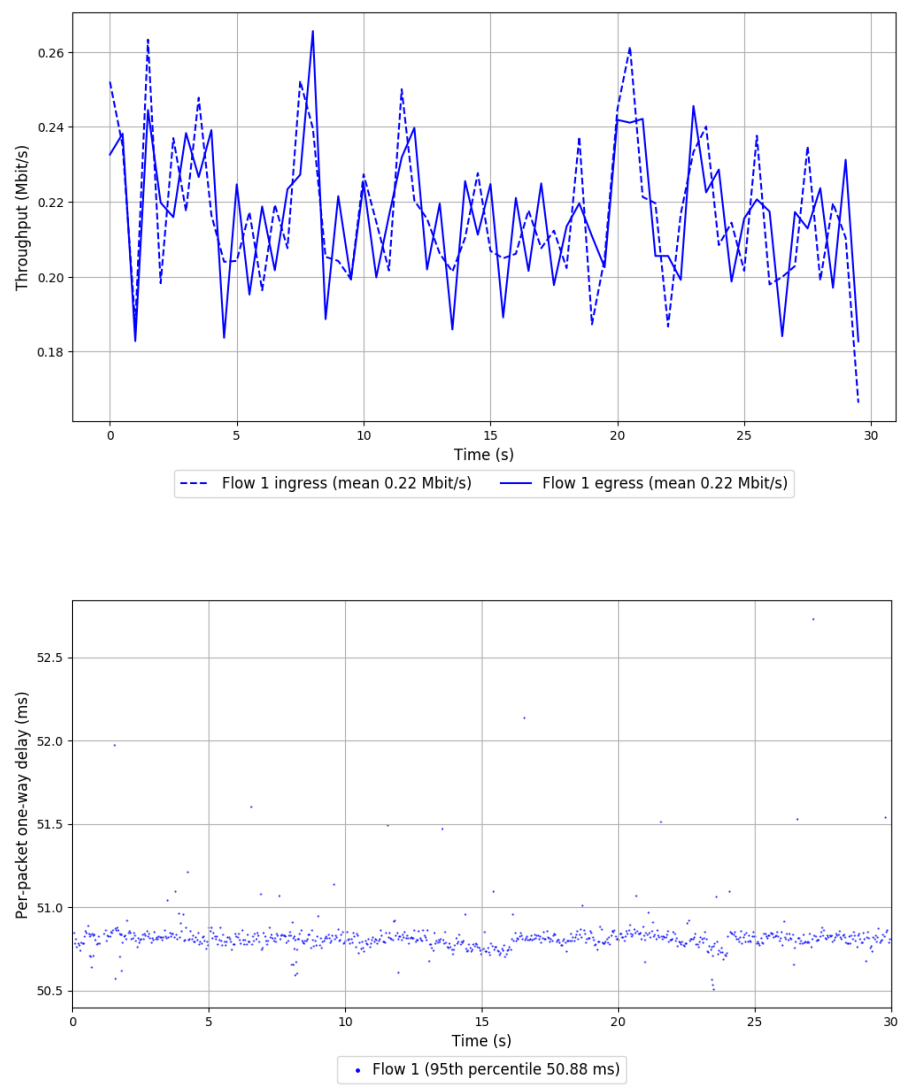
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 50.884 ms

Loss rate: 0.00%

Run 1: Report of SReAM — Data Link

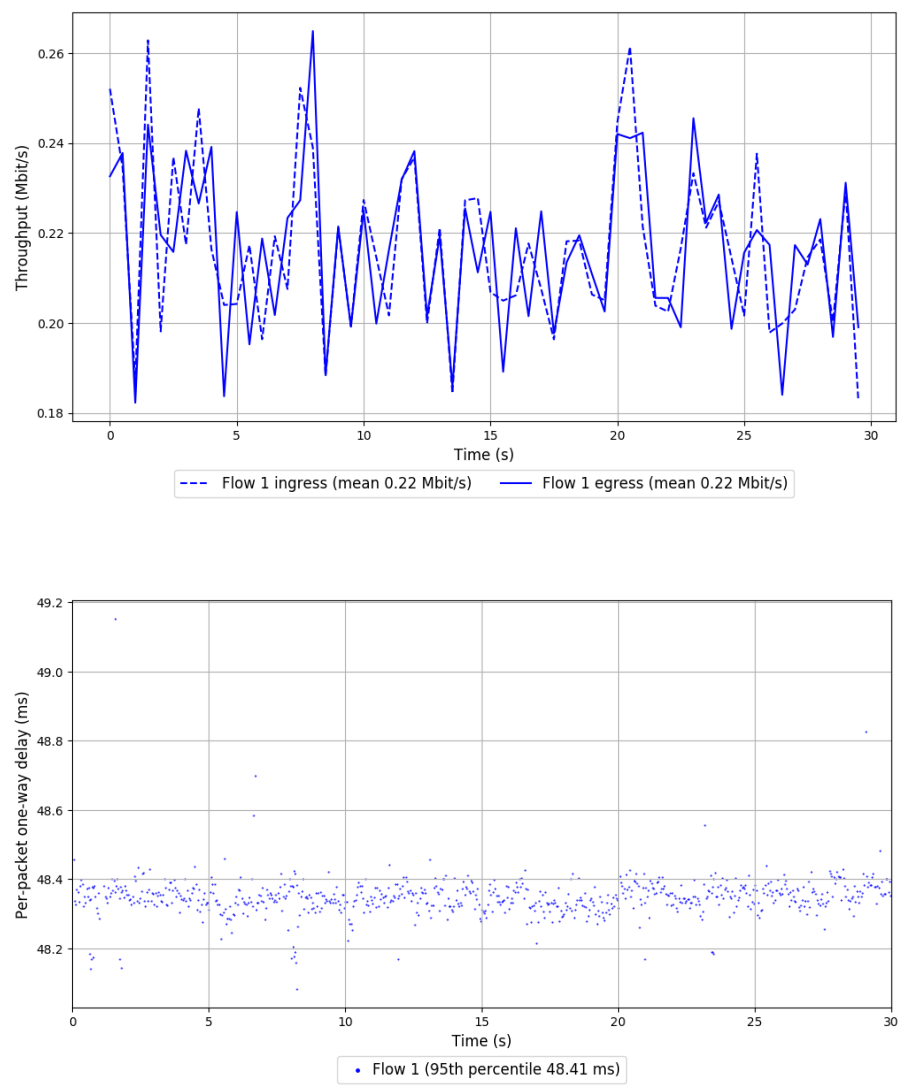


Run 2: Statistics of SCReAM

Start at: 2017-09-03 04:41:32
End at: 2017-09-03 04:42:02
Local clock offset: 0.559 ms
Remote clock offset: -2.175 ms

Below is generated by plot.py at 2017-09-03 08:27:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.410 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.410 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

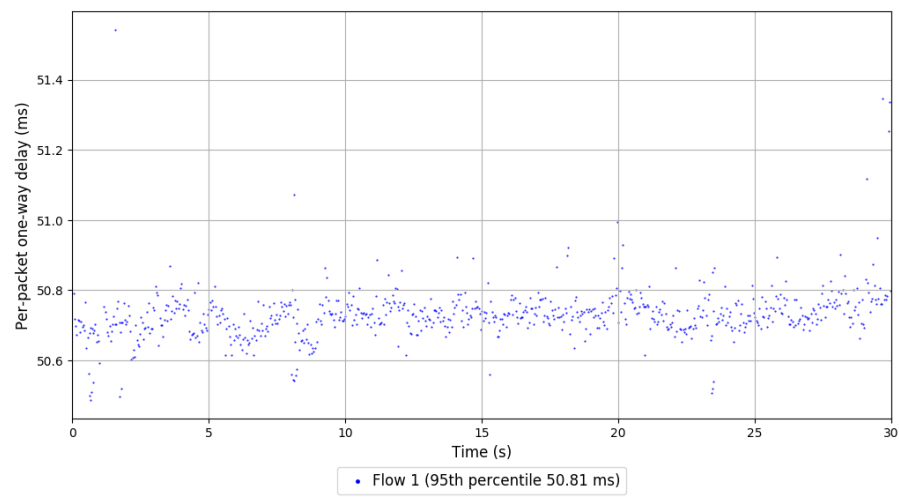
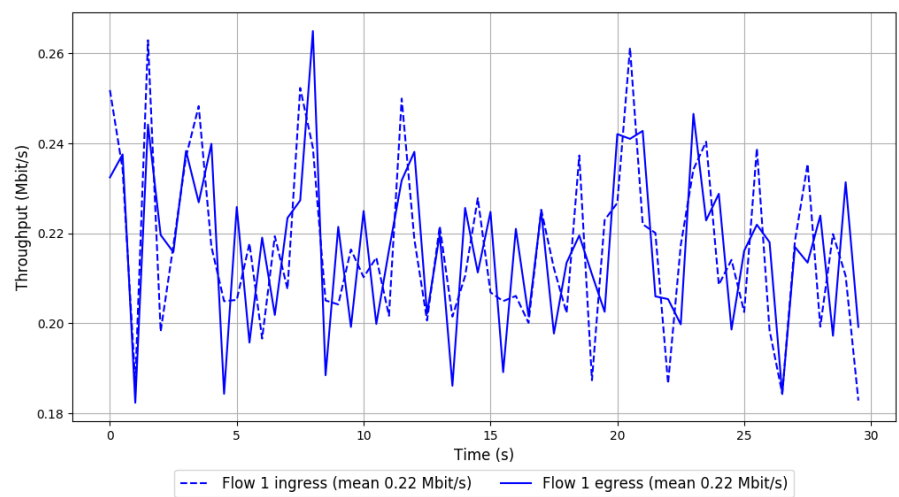


Run 3: Statistics of SCReAM

Start at: 2017-09-03 05:02:31
End at: 2017-09-03 05:03:01
Local clock offset: 0.922 ms
Remote clock offset: -0.279 ms

Below is generated by plot.py at 2017-09-03 08:27:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.814 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.814 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

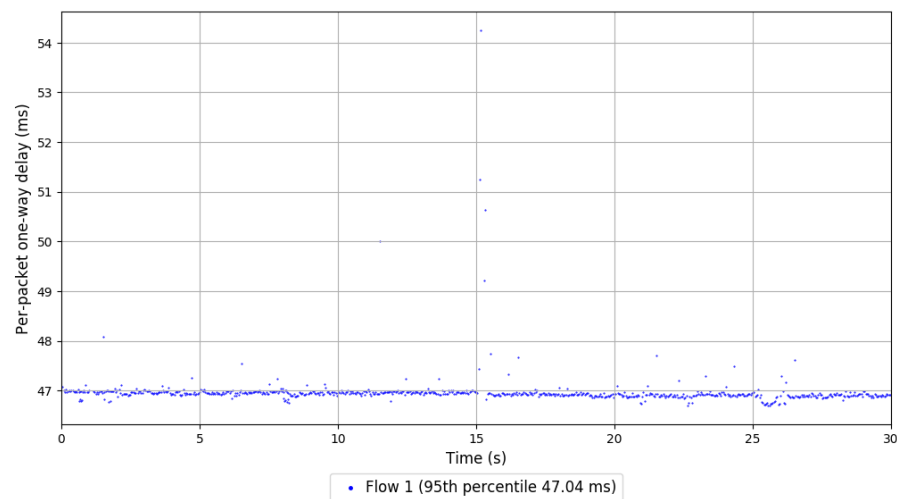
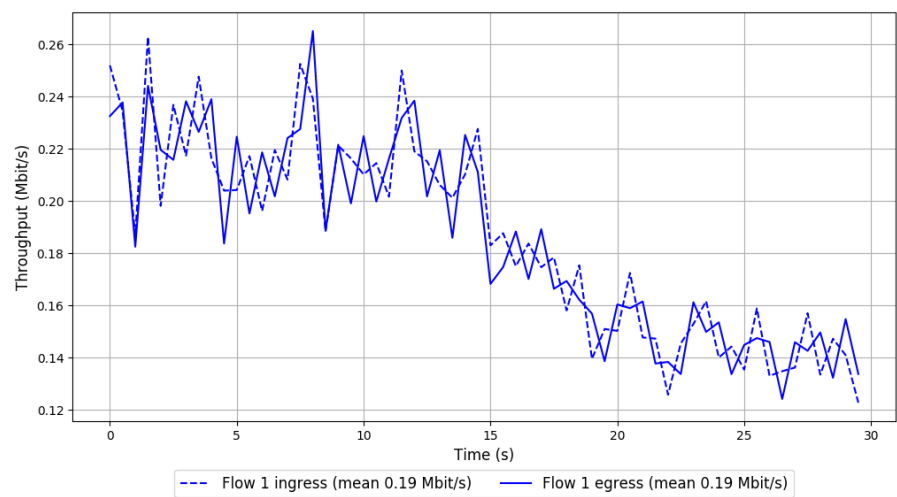


Run 4: Statistics of SCReAM

Start at: 2017-09-03 05:23:36
End at: 2017-09-03 05:24:06
Local clock offset: 0.882 ms
Remote clock offset: -2.814 ms

Below is generated by plot.py at 2017-09-03 08:27:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 47.042 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 47.042 ms
Loss rate: 0.31%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

Start at: 2017-09-03 05:43:46

End at: 2017-09-03 05:44:16

Local clock offset: 0.8 ms

Remote clock offset: -3.317 ms

Below is generated by plot.py at 2017-09-03 08:27:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 48.695 ms

Loss rate: 0.00%

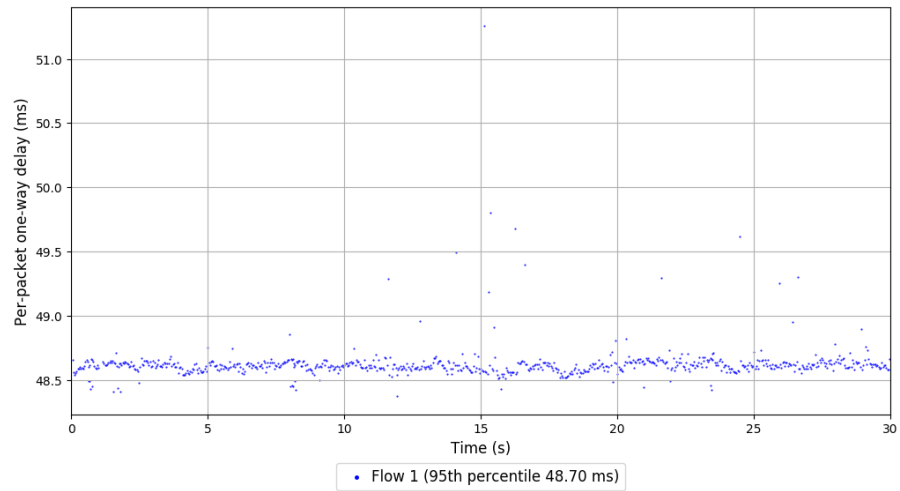
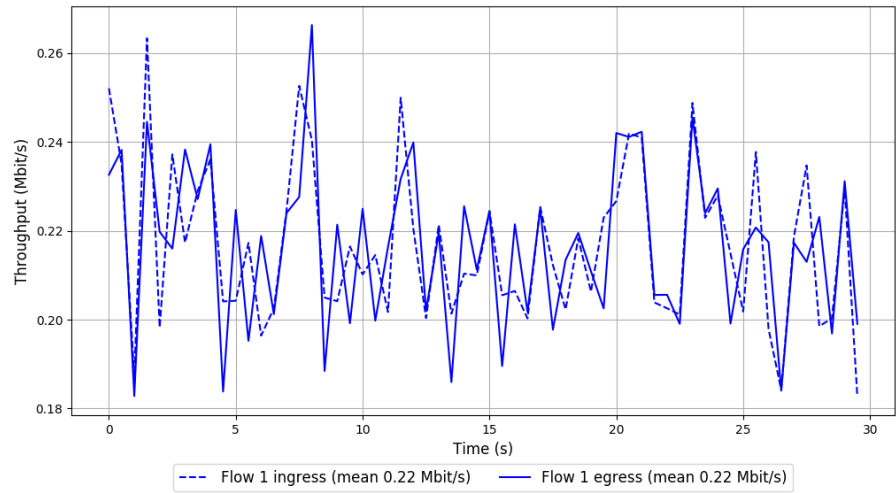
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 48.695 ms

Loss rate: 0.00%

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SCReAM

Start at: 2017-09-03 06:04:54

End at: 2017-09-03 06:05:24

Local clock offset: 0.92 ms

Remote clock offset: -3.74 ms

Below is generated by plot.py at 2017-09-03 08:27:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.18 Mbit/s

95th percentile per-packet one-way delay: 48.700 ms

Loss rate: 0.15%

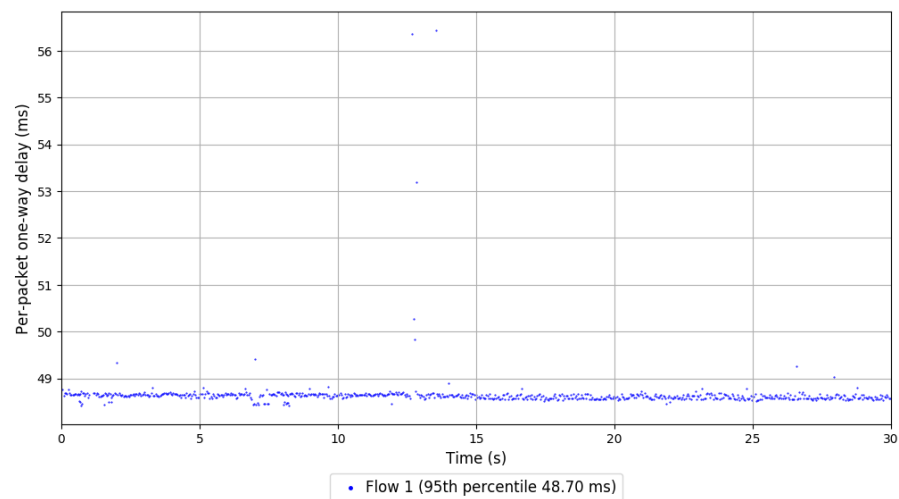
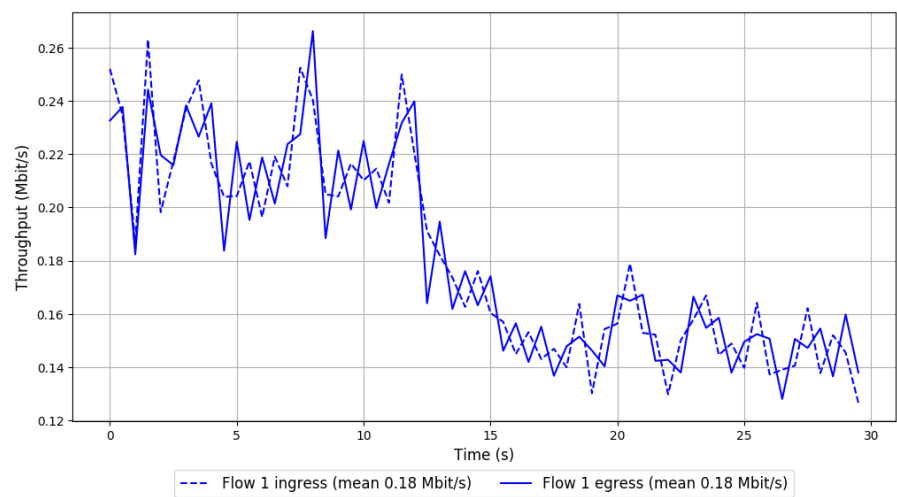
-- Flow 1:

Average throughput: 0.18 Mbit/s

95th percentile per-packet one-way delay: 48.700 ms

Loss rate: 0.15%

Run 6: Report of SReAM — Data Link

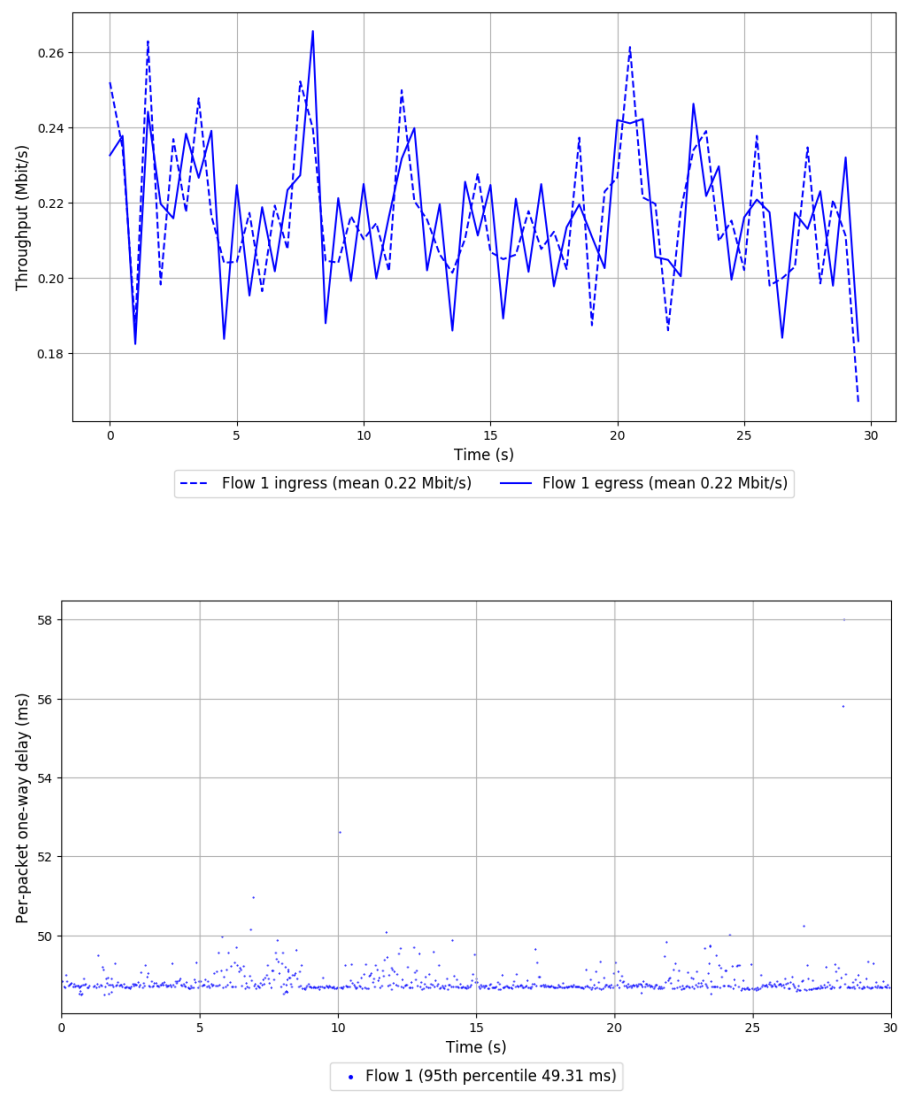


Run 7: Statistics of SCReAM

Start at: 2017-09-03 06:24:59
End at: 2017-09-03 06:25:29
Local clock offset: 1.052 ms
Remote clock offset: -3.694 ms

Below is generated by plot.py at 2017-09-03 08:27:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 49.309 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 49.309 ms
Loss rate: 0.00%

Run 7: Report of SReAM — Data Link

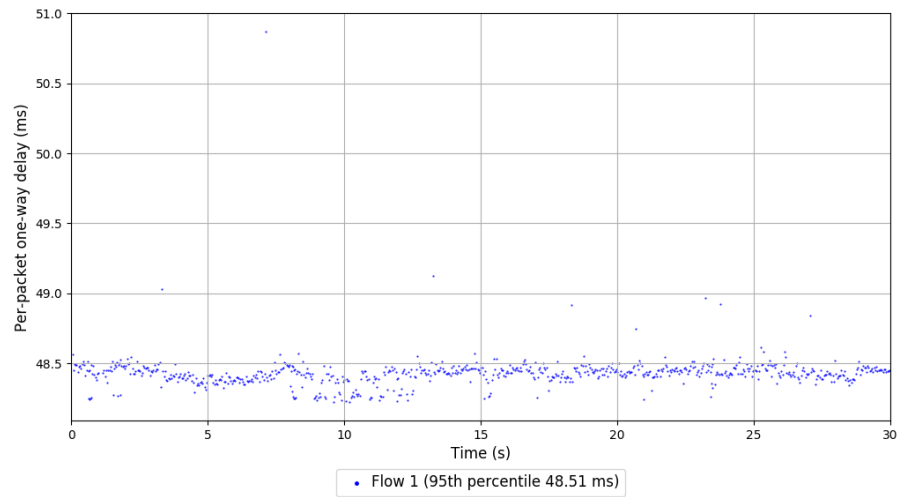
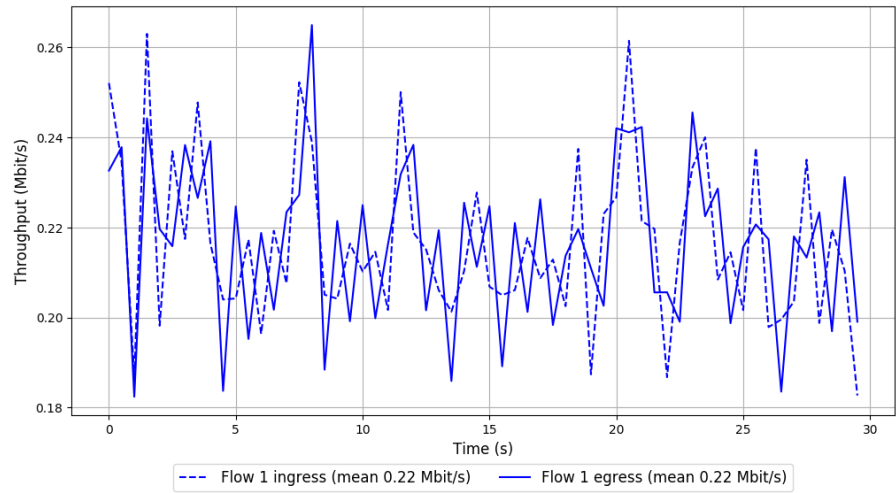


Run 8: Statistics of SCReAM

Start at: 2017-09-03 06:45:15
End at: 2017-09-03 06:45:45
Local clock offset: 1.07 ms
Remote clock offset: -3.724 ms

Below is generated by plot.py at 2017-09-03 08:27:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.512 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.512 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

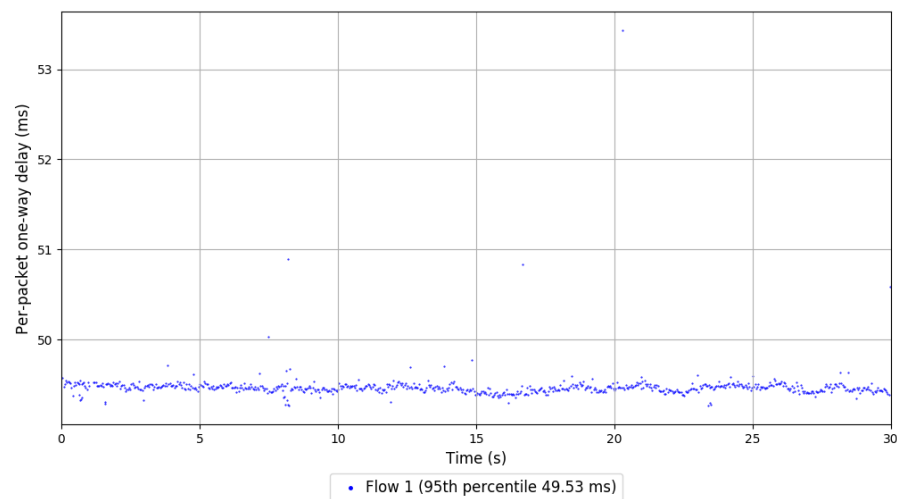
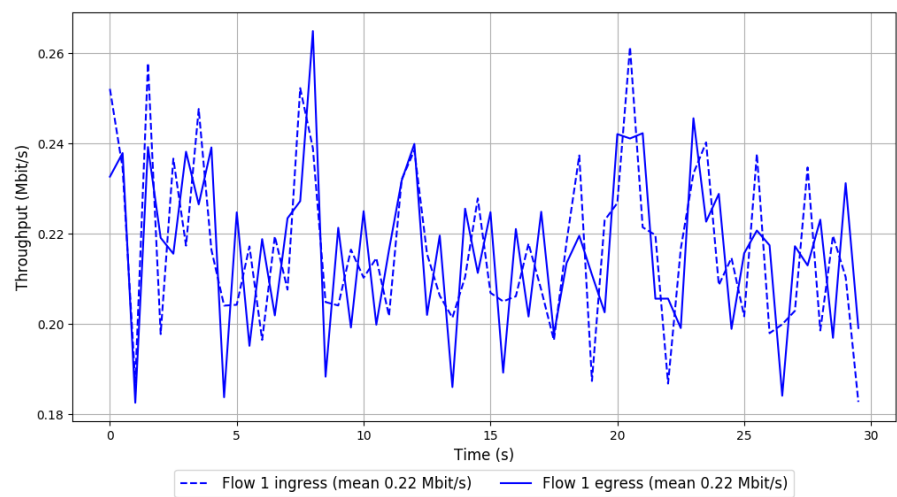


Run 9: Statistics of SCReAM

Start at: 2017-09-03 07:05:35
End at: 2017-09-03 07:06:05
Local clock offset: 0.989 ms
Remote clock offset: -0.926 ms

Below is generated by plot.py at 2017-09-03 08:27:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 49.528 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 49.528 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SCReAM

Start at: 2017-09-03 07:25:44

End at: 2017-09-03 07:26:14

Local clock offset: 0.745 ms

Remote clock offset: -1.152 ms

Below is generated by plot.py at 2017-09-03 08:27:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.17 Mbit/s

95th percentile per-packet one-way delay: 50.409 ms

Loss rate: 0.16%

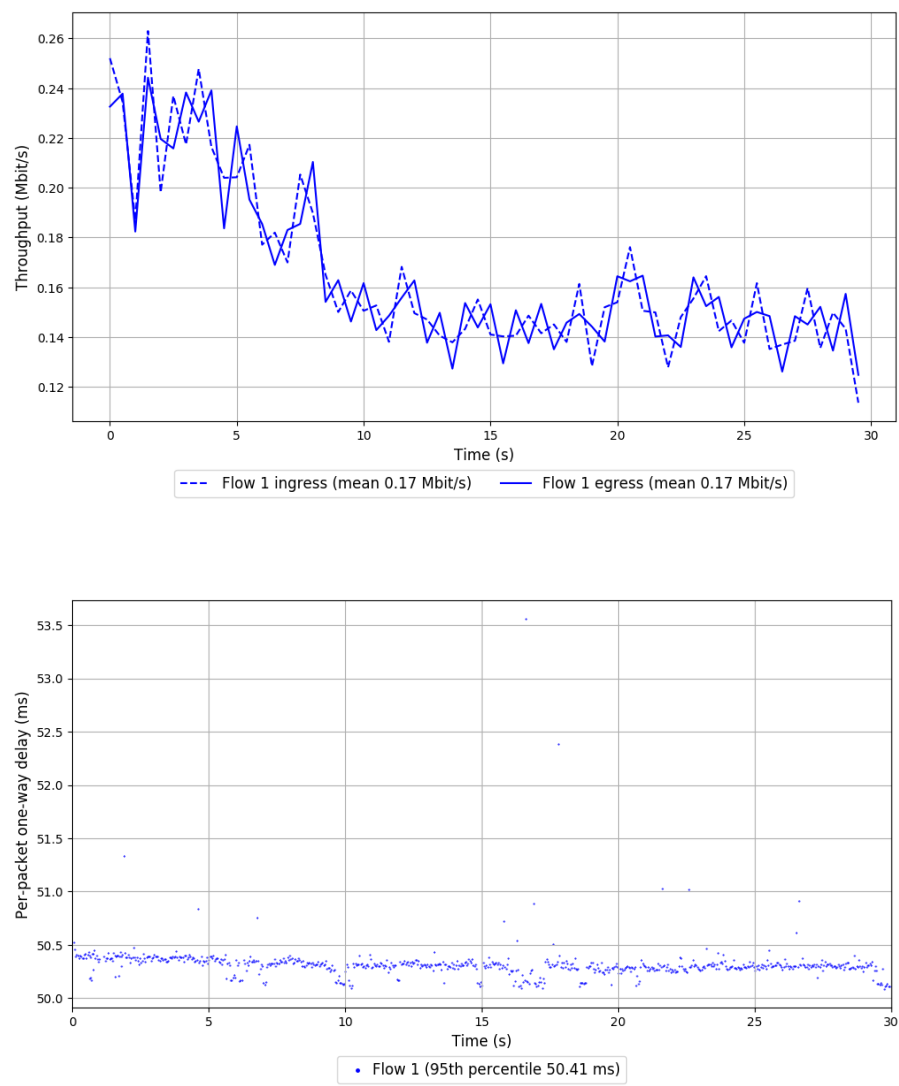
-- Flow 1:

Average throughput: 0.17 Mbit/s

95th percentile per-packet one-way delay: 50.409 ms

Loss rate: 0.16%

Run 10: Report of SReAM — Data Link

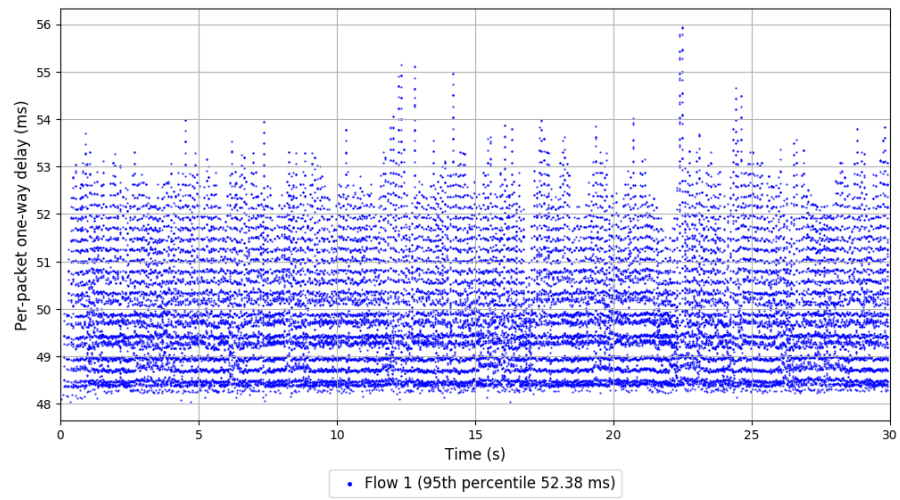
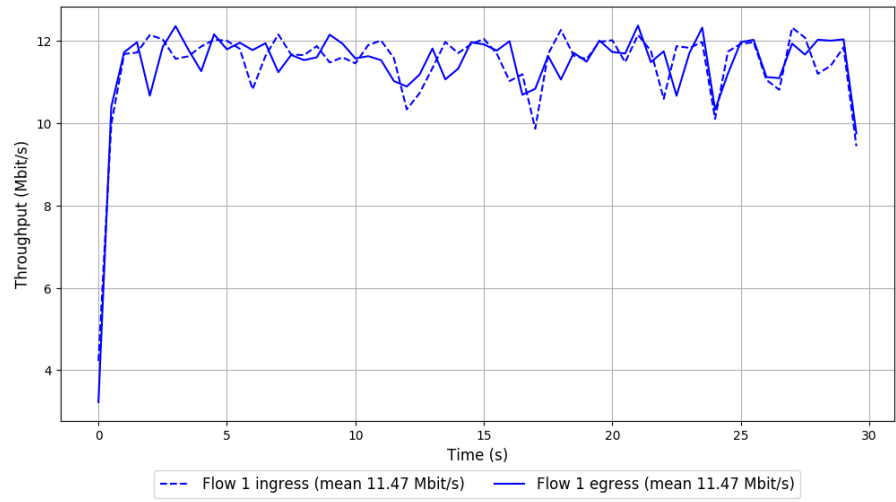


Run 1: Statistics of Sprout

Start at: 2017-09-03 04:28:49
End at: 2017-09-03 04:29:19
Local clock offset: 0.16 ms
Remote clock offset: -2.078 ms

Below is generated by plot.py at 2017-09-03 08:27:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.47 Mbit/s
95th percentile per-packet one-way delay: 52.379 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.47 Mbit/s
95th percentile per-packet one-way delay: 52.379 ms
Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

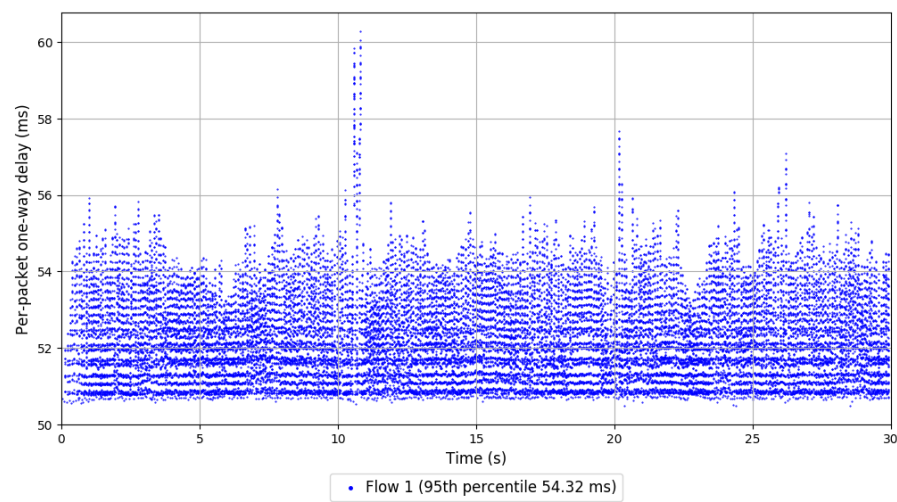
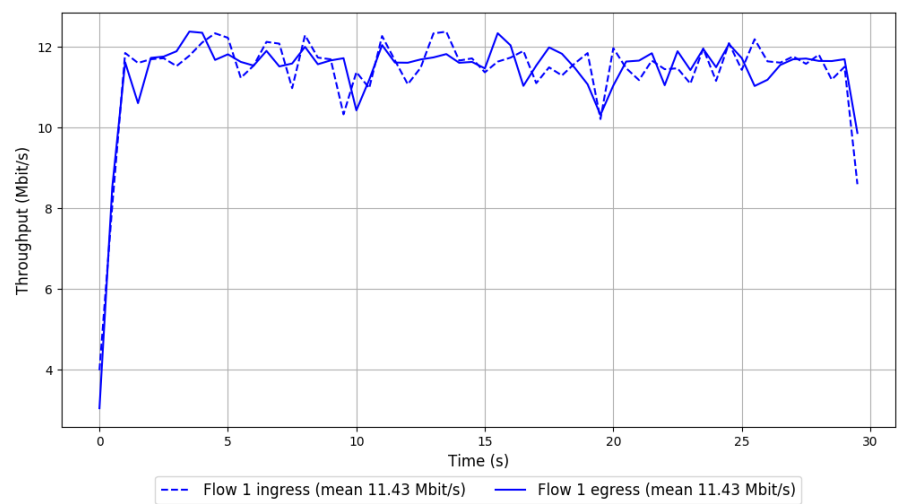


Run 2: Statistics of Sprout

Start at: 2017-09-03 04:49:54
End at: 2017-09-03 04:50:24
Local clock offset: 0.679 ms
Remote clock offset: -0.125 ms

Below is generated by plot.py at 2017-09-03 08:27:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.43 Mbit/s
95th percentile per-packet one-way delay: 54.322 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.43 Mbit/s
95th percentile per-packet one-way delay: 54.322 ms
Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

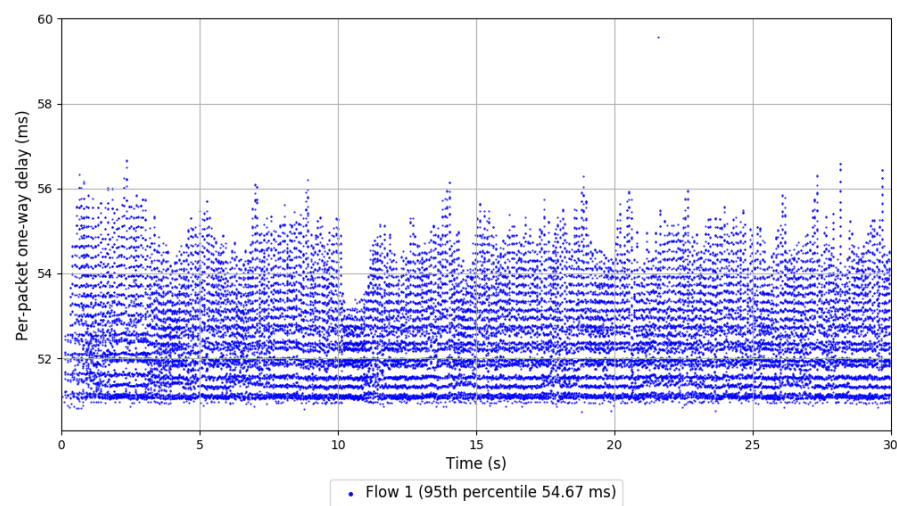
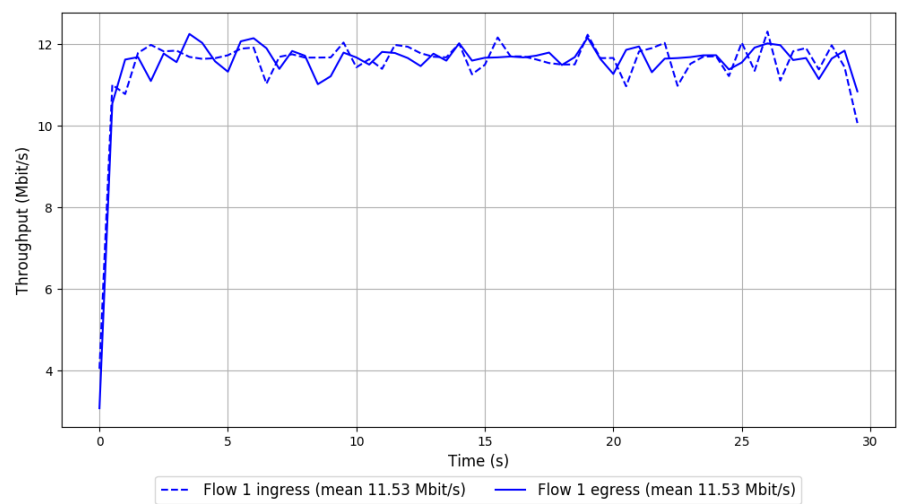


Run 3: Statistics of Sprout

Start at: 2017-09-03 05:11:01
End at: 2017-09-03 05:11:31
Local clock offset: 0.829 ms
Remote clock offset: 0.031 ms

Below is generated by plot.py at 2017-09-03 08:27:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.53 Mbit/s
95th percentile per-packet one-way delay: 54.667 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.53 Mbit/s
95th percentile per-packet one-way delay: 54.667 ms
Loss rate: 0.00%

Run 3: Report of Sprout — Data Link

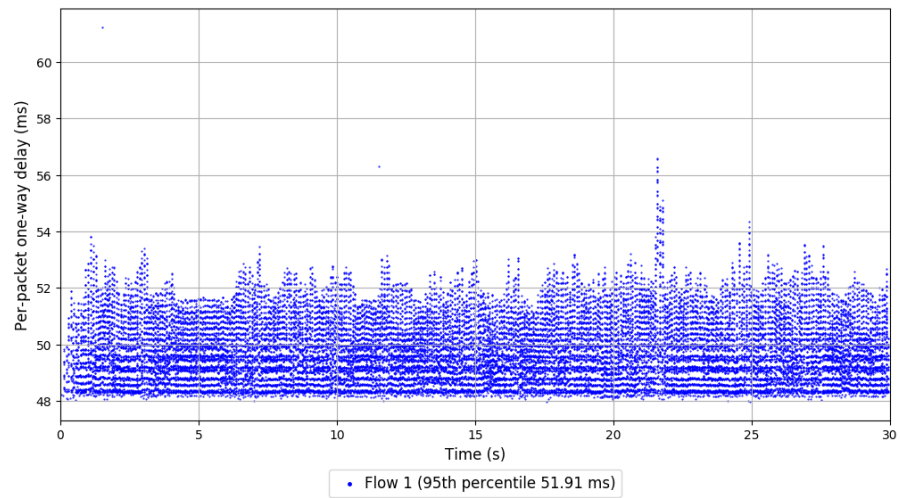
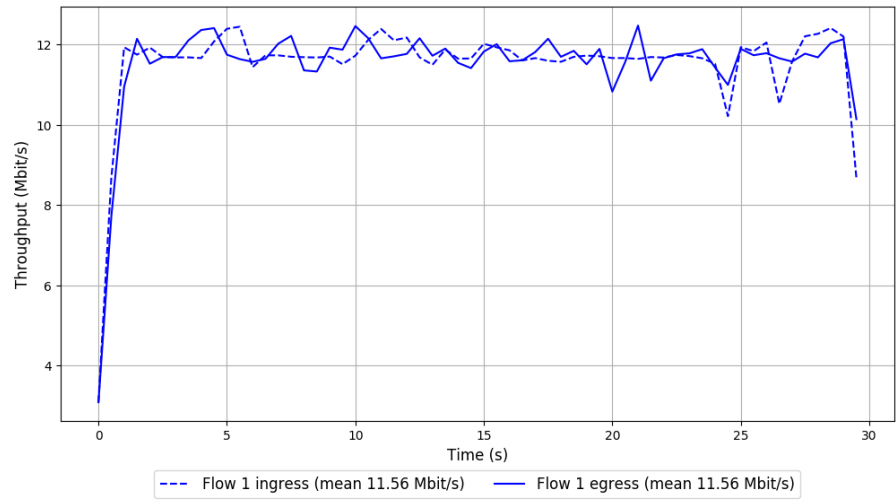


Run 4: Statistics of Sprout

Start at: 2017-09-03 05:31:46
End at: 2017-09-03 05:32:17
Local clock offset: 0.873 ms
Remote clock offset: -3.064 ms

Below is generated by plot.py at 2017-09-03 08:27:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.56 Mbit/s
95th percentile per-packet one-way delay: 51.909 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.56 Mbit/s
95th percentile per-packet one-way delay: 51.909 ms
Loss rate: 0.00%

Run 4: Report of Sprout — Data Link

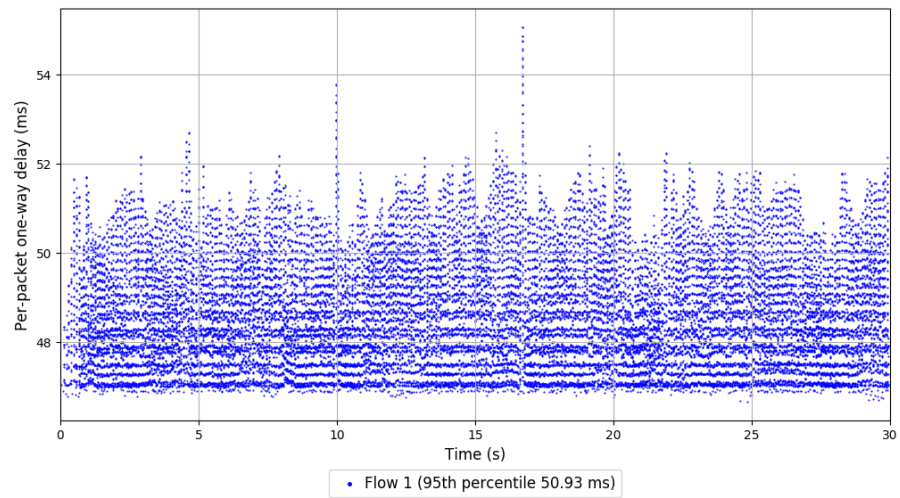
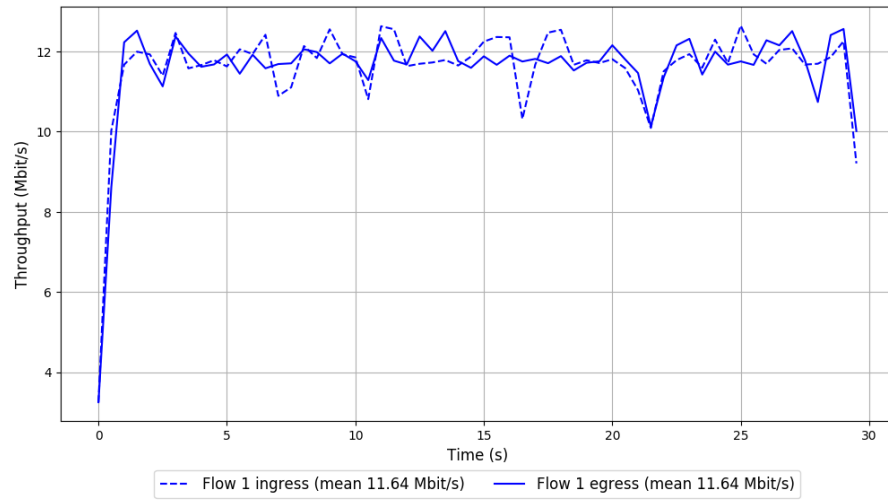


Run 5: Statistics of Sprout

Start at: 2017-09-03 05:52:28
End at: 2017-09-03 05:52:58
Local clock offset: 0.922 ms
Remote clock offset: -3.341 ms

Below is generated by plot.py at 2017-09-03 08:27:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.64 Mbit/s
95th percentile per-packet one-way delay: 50.932 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.64 Mbit/s
95th percentile per-packet one-way delay: 50.932 ms
Loss rate: 0.00%

Run 5: Report of Sprout — Data Link

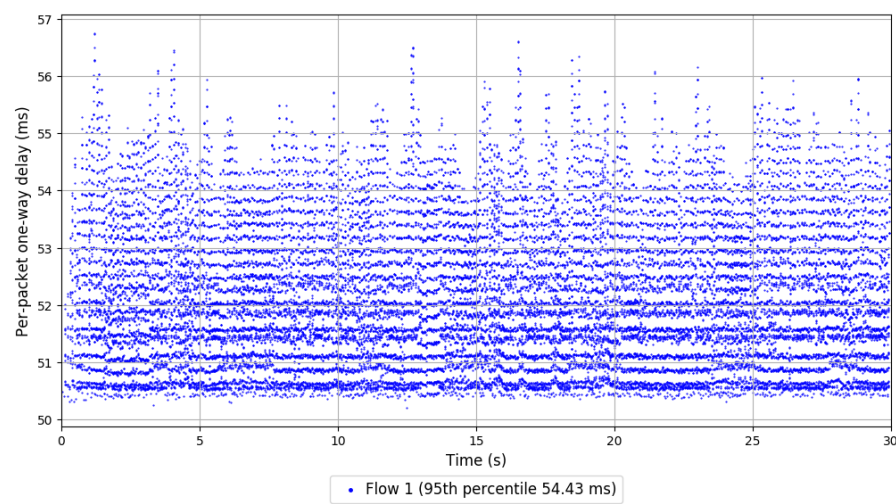
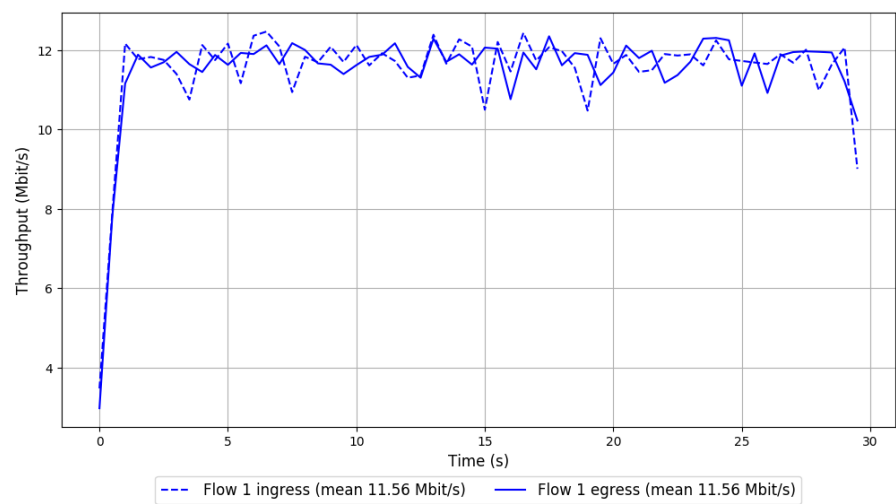


Run 6: Statistics of Sprout

Start at: 2017-09-03 06:13:00
End at: 2017-09-03 06:13:30
Local clock offset: 1.015 ms
Remote clock offset: -1.521 ms

Below is generated by plot.py at 2017-09-03 08:27:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.56 Mbit/s
95th percentile per-packet one-way delay: 54.429 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.56 Mbit/s
95th percentile per-packet one-way delay: 54.429 ms
Loss rate: 0.00%

Run 6: Report of Sprout — Data Link

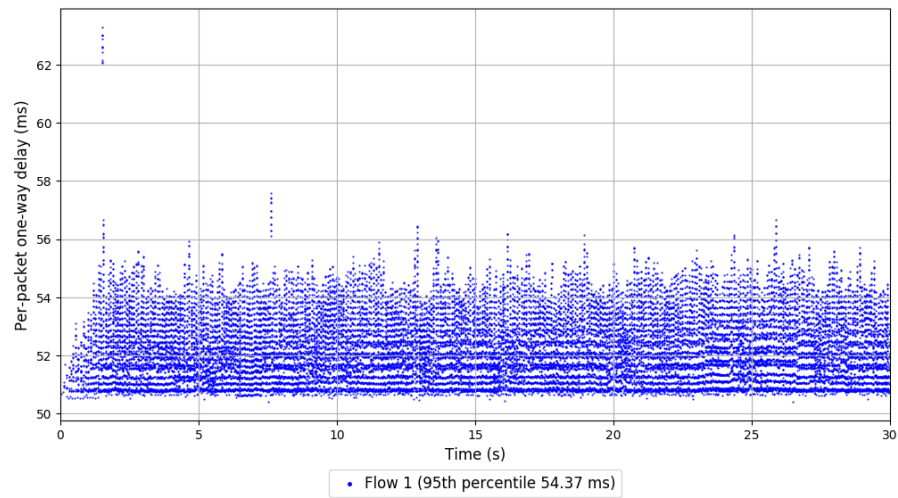
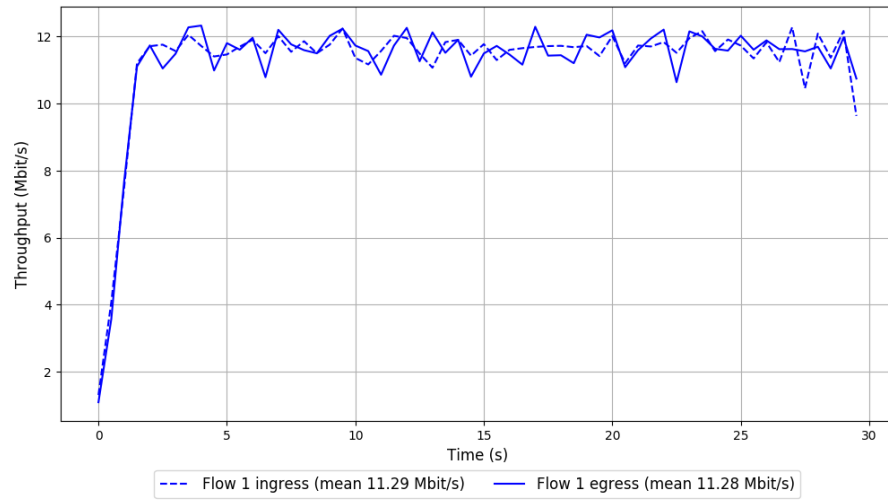


Run 7: Statistics of Sprout

Start at: 2017-09-03 06:33:07
End at: 2017-09-03 06:33:37
Local clock offset: 1.026 ms
Remote clock offset: -1.676 ms

Below is generated by plot.py at 2017-09-03 08:27:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.28 Mbit/s
95th percentile per-packet one-way delay: 54.372 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.28 Mbit/s
95th percentile per-packet one-way delay: 54.372 ms
Loss rate: 0.00%

Run 7: Report of Sprout — Data Link

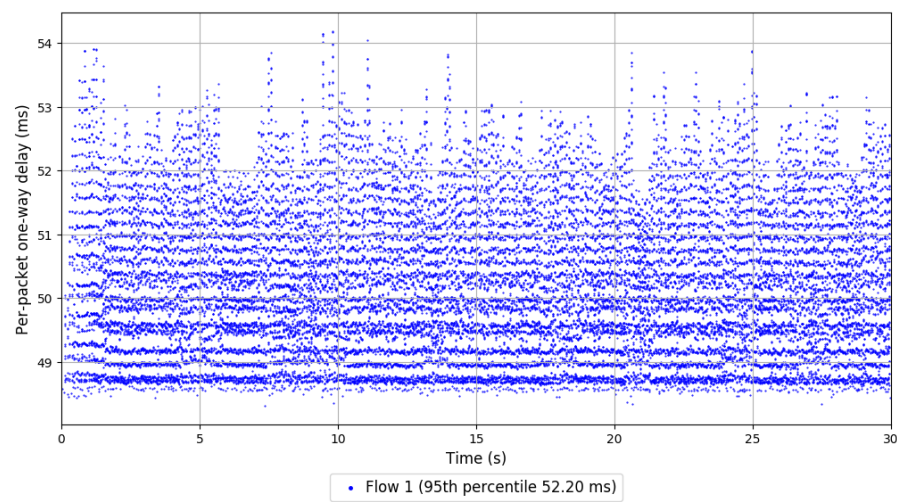
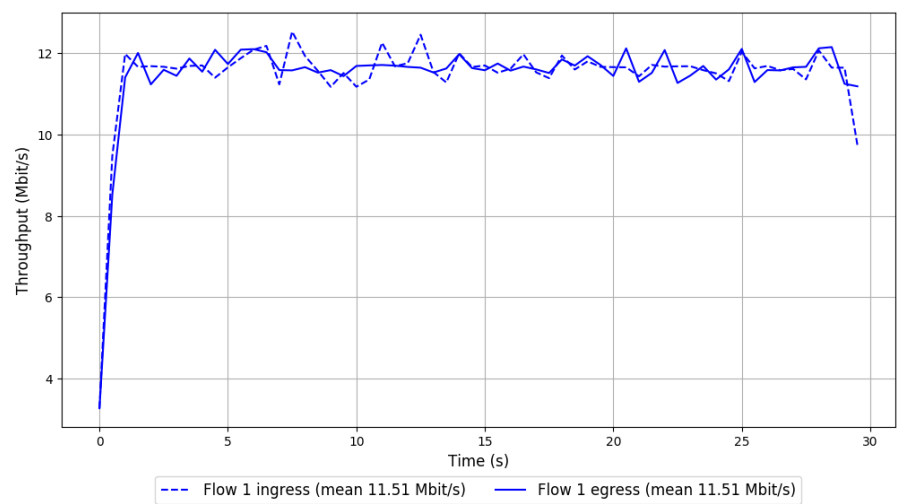


Run 8: Statistics of Sprout

Start at: 2017-09-03 06:53:26
End at: 2017-09-03 06:53:56
Local clock offset: 0.98 ms
Remote clock offset: -3.669 ms

Below is generated by plot.py at 2017-09-03 08:27:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.51 Mbit/s
95th percentile per-packet one-way delay: 52.204 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 11.51 Mbit/s
95th percentile per-packet one-way delay: 52.204 ms
Loss rate: 0.04%

Run 8: Report of Sprout — Data Link

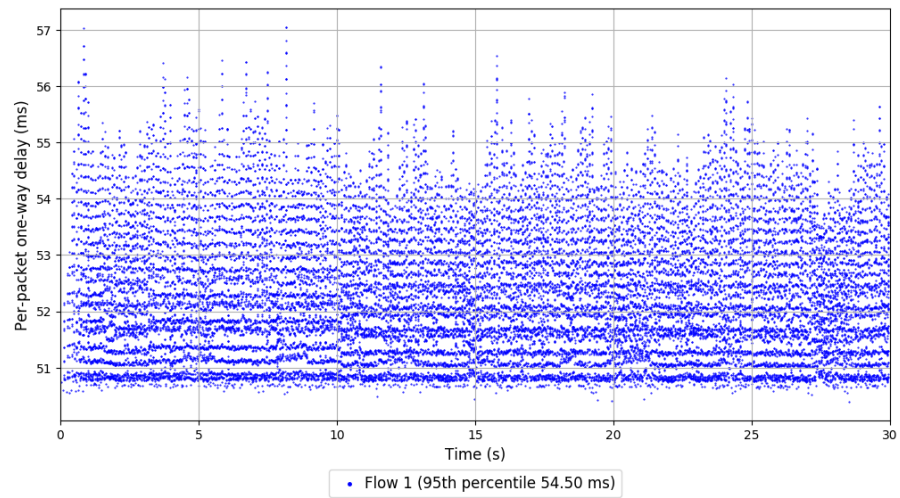
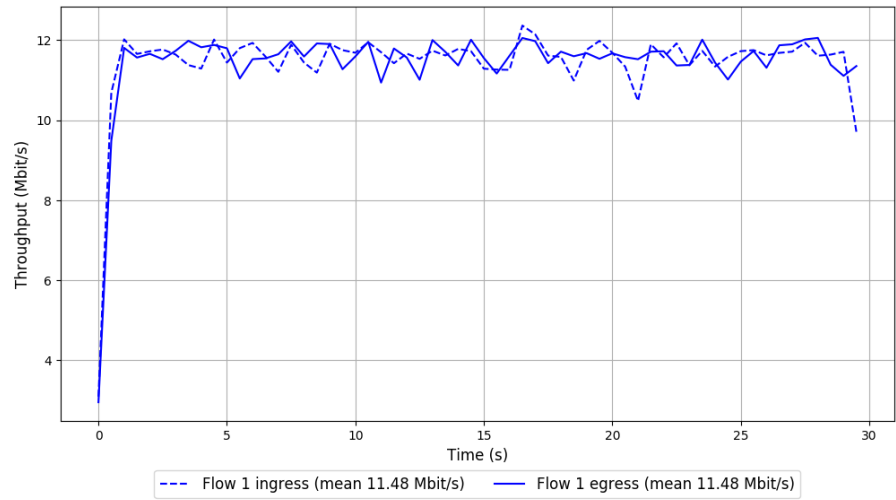


Run 9: Statistics of Sprout

Start at: 2017-09-03 07:13:38
End at: 2017-09-03 07:14:08
Local clock offset: 0.784 ms
Remote clock offset: -1.247 ms

Below is generated by plot.py at 2017-09-03 08:27:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.48 Mbit/s
95th percentile per-packet one-way delay: 54.500 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.48 Mbit/s
95th percentile per-packet one-way delay: 54.500 ms
Loss rate: 0.00%

Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: 2017-09-03 07:33:52

End at: 2017-09-03 07:34:22

Local clock offset: 0.517 ms

Remote clock offset: -0.945 ms

Below is generated by plot.py at 2017-09-03 08:27:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.55 Mbit/s

95th percentile per-packet one-way delay: 53.932 ms

Loss rate: 0.00%

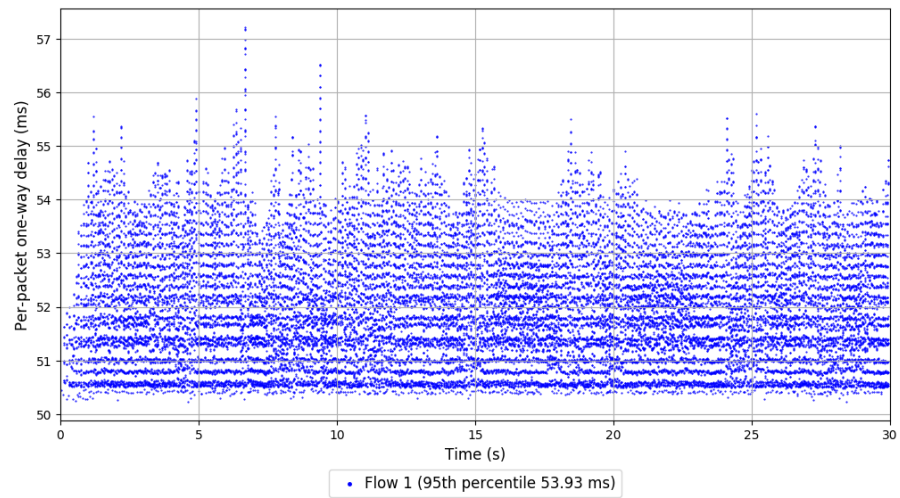
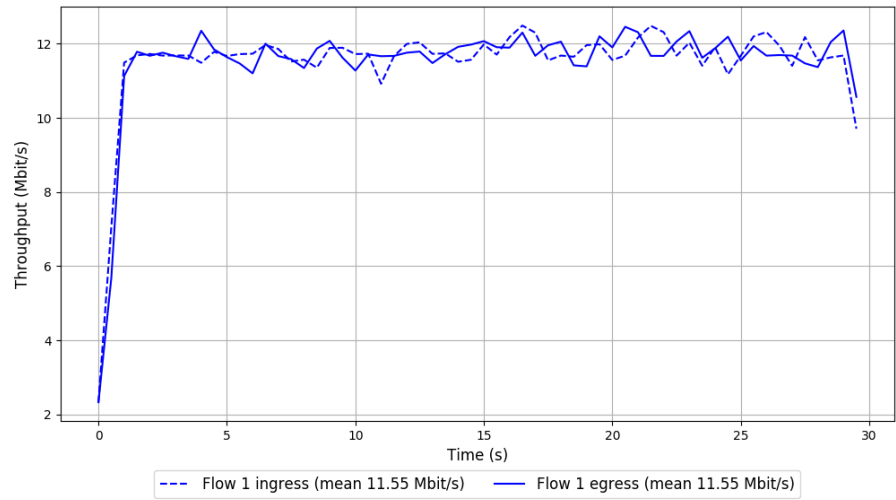
-- Flow 1:

Average throughput: 11.55 Mbit/s

95th percentile per-packet one-way delay: 53.932 ms

Loss rate: 0.00%

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: 2017-09-03 04:31:39

End at: 2017-09-03 04:32:09

Local clock offset: 0.216 ms

Remote clock offset: -1.969 ms

Below is generated by plot.py at 2017-09-03 08:27:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.60 Mbit/s

95th percentile per-packet one-way delay: 63.881 ms

Loss rate: 0.00%

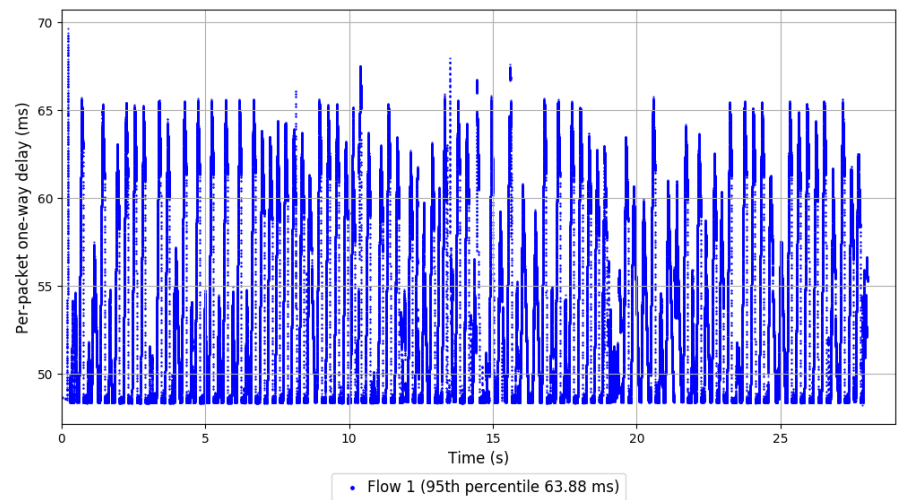
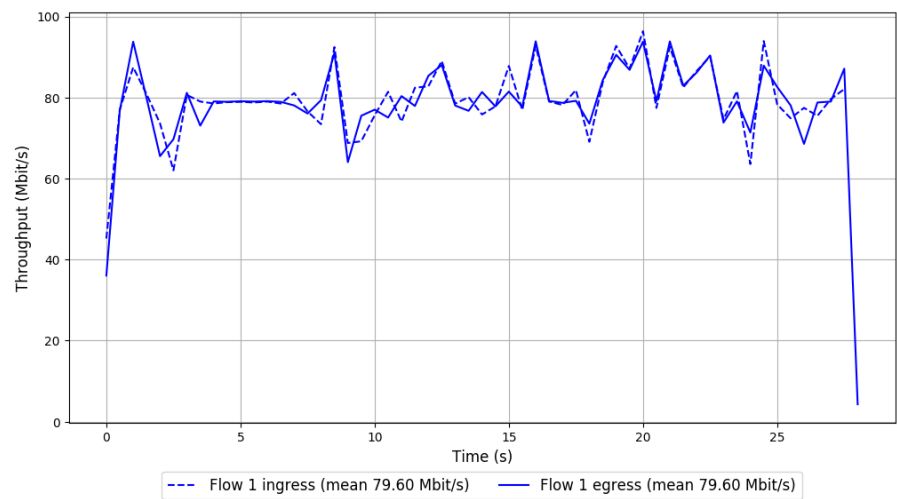
-- Flow 1:

Average throughput: 79.60 Mbit/s

95th percentile per-packet one-way delay: 63.881 ms

Loss rate: 0.00%

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



Run 2: Statistics of TaoVA-100x

Start at: 2017-09-03 04:52:38

End at: 2017-09-03 04:53:08

Local clock offset: 0.828 ms

Remote clock offset: -2.255 ms

Below is generated by plot.py at 2017-09-03 08:27:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.20 Mbit/s

95th percentile per-packet one-way delay: 63.857 ms

Loss rate: 0.02%

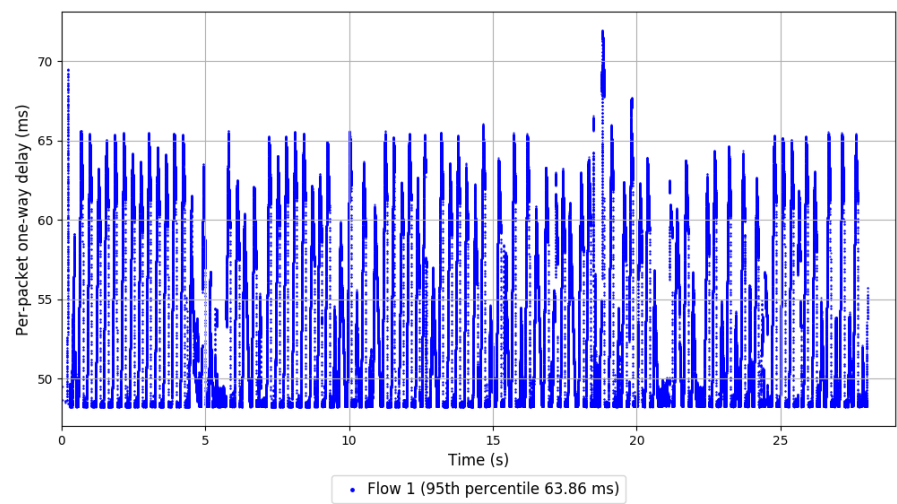
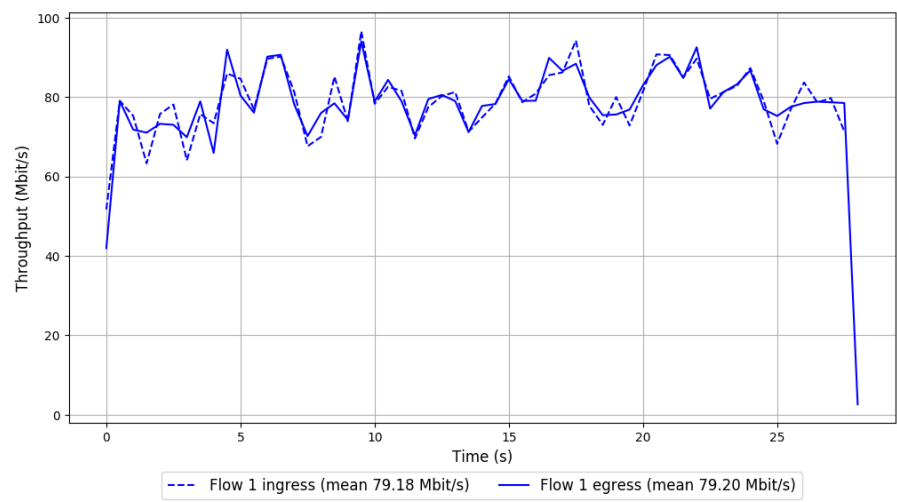
-- Flow 1:

Average throughput: 79.20 Mbit/s

95th percentile per-packet one-way delay: 63.857 ms

Loss rate: 0.02%

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



Run 3: Statistics of TaoVA-100x

Start at: 2017-09-03 05:13:46

End at: 2017-09-03 05:14:16

Local clock offset: 0.824 ms

Remote clock offset: -2.63 ms

Below is generated by plot.py at 2017-09-03 08:27:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.09 Mbit/s

95th percentile per-packet one-way delay: 64.326 ms

Loss rate: 0.00%

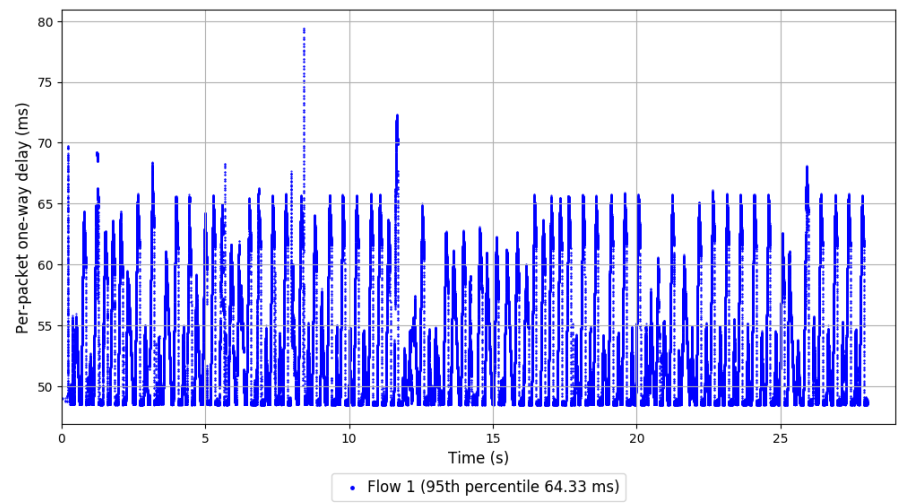
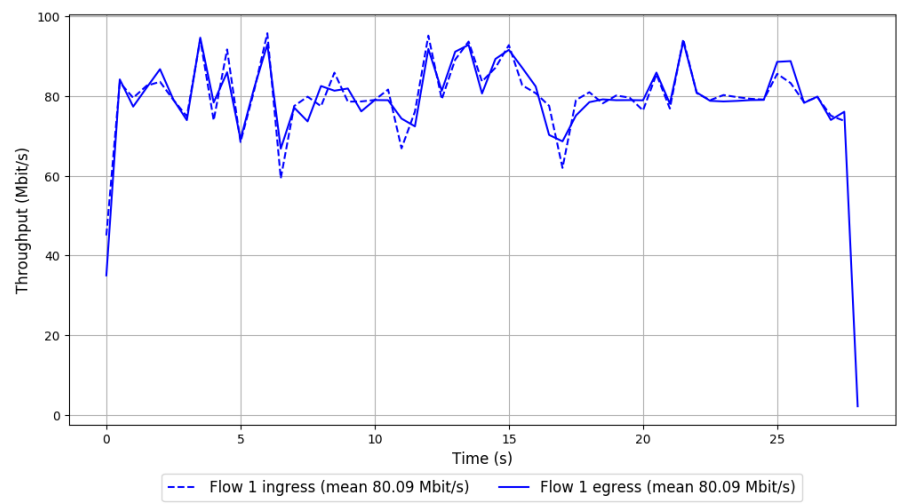
-- Flow 1:

Average throughput: 80.09 Mbit/s

95th percentile per-packet one-way delay: 64.326 ms

Loss rate: 0.00%

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



Run 4: Statistics of TaoVA-100x

Start at: 2017-09-03 05:34:28

End at: 2017-09-03 05:34:58

Local clock offset: 0.801 ms

Remote clock offset: -0.499 ms

Below is generated by plot.py at 2017-09-03 08:28:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.75 Mbit/s

95th percentile per-packet one-way delay: 65.134 ms

Loss rate: 0.00%

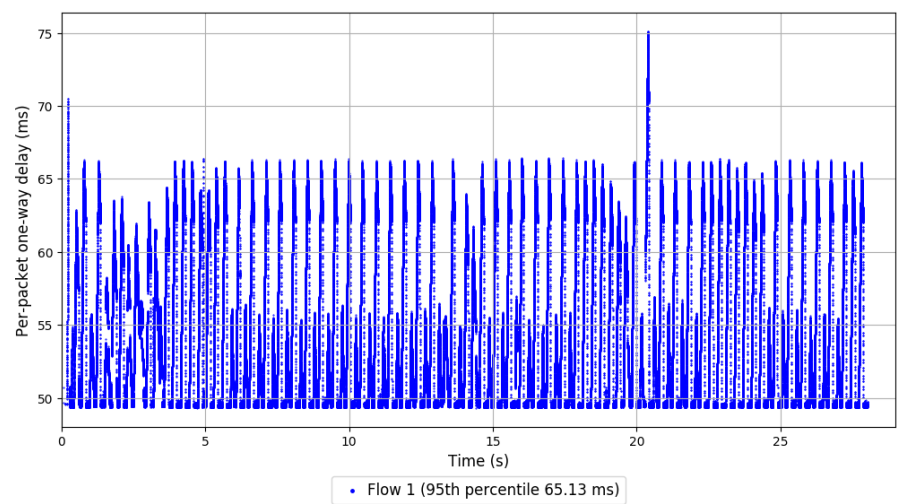
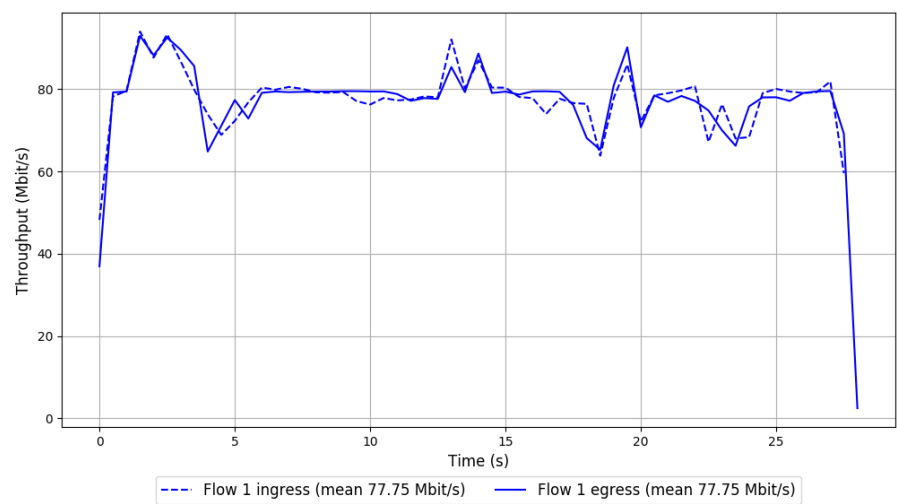
-- Flow 1:

Average throughput: 77.75 Mbit/s

95th percentile per-packet one-way delay: 65.134 ms

Loss rate: 0.00%

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



Run 5: Statistics of TaoVA-100x

Start at: 2017-09-03 05:55:17

End at: 2017-09-03 05:55:47

Local clock offset: 0.943 ms

Remote clock offset: -3.559 ms

Below is generated by plot.py at 2017-09-03 08:28:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.66 Mbit/s

95th percentile per-packet one-way delay: 64.626 ms

Loss rate: 0.03%

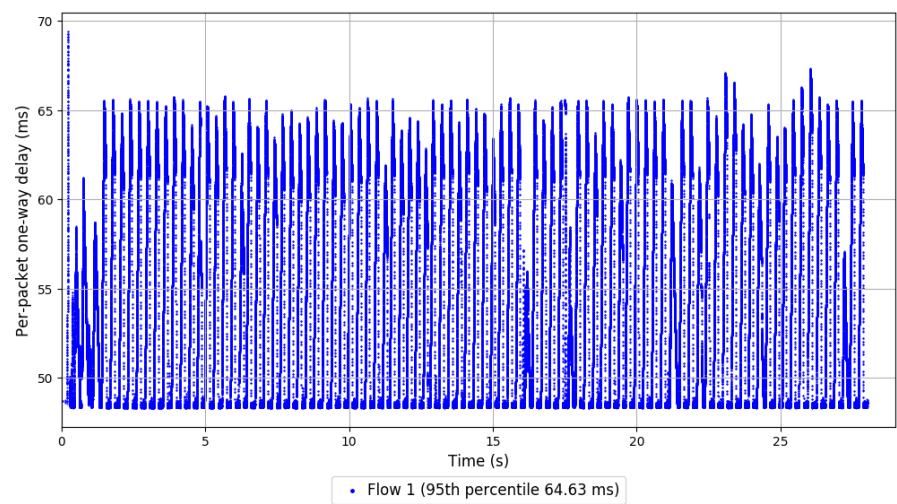
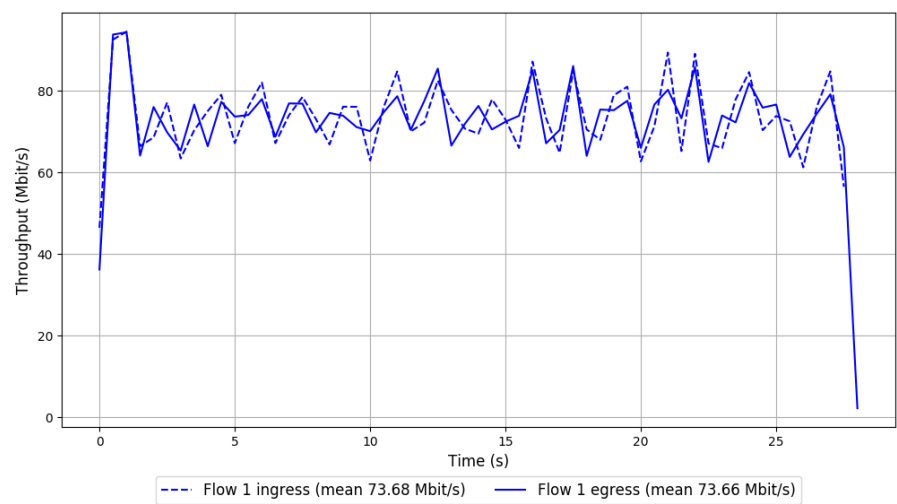
-- Flow 1:

Average throughput: 73.66 Mbit/s

95th percentile per-packet one-way delay: 64.626 ms

Loss rate: 0.03%

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



Run 6: Statistics of TaoVA-100x

Start at: 2017-09-03 06:15:41

End at: 2017-09-03 06:16:11

Local clock offset: 1.119 ms

Remote clock offset: -1.641 ms

Below is generated by plot.py at 2017-09-03 08:28:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.75 Mbit/s

95th percentile per-packet one-way delay: 66.413 ms

Loss rate: 0.06%

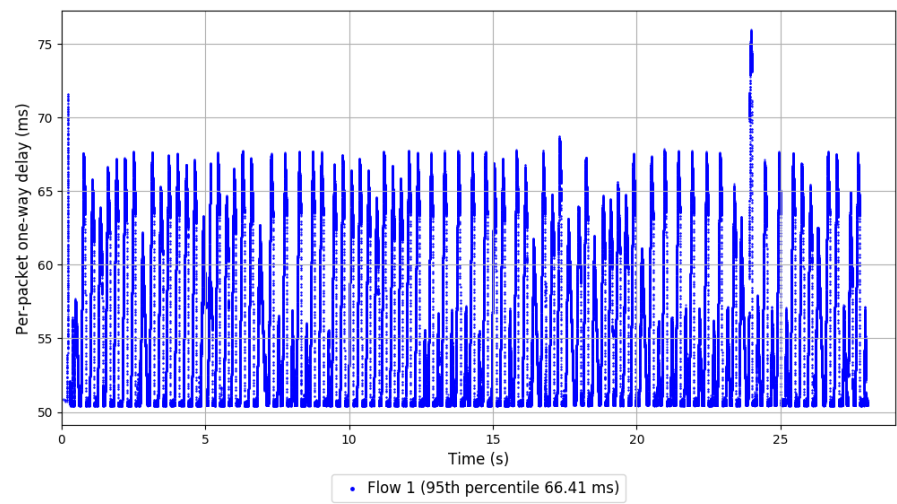
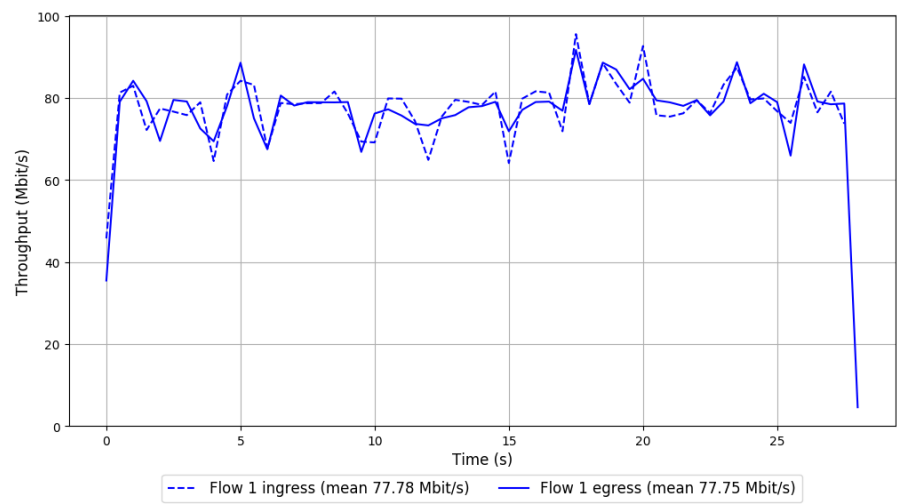
-- Flow 1:

Average throughput: 77.75 Mbit/s

95th percentile per-packet one-way delay: 66.413 ms

Loss rate: 0.06%

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



Run 7: Statistics of TaoVA-100x

Start at: 2017-09-03 06:35:48

End at: 2017-09-03 06:36:18

Local clock offset: 1.093 ms

Remote clock offset: -1.314 ms

Below is generated by plot.py at 2017-09-03 08:28:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.39 Mbit/s

95th percentile per-packet one-way delay: 66.460 ms

Loss rate: 0.08%

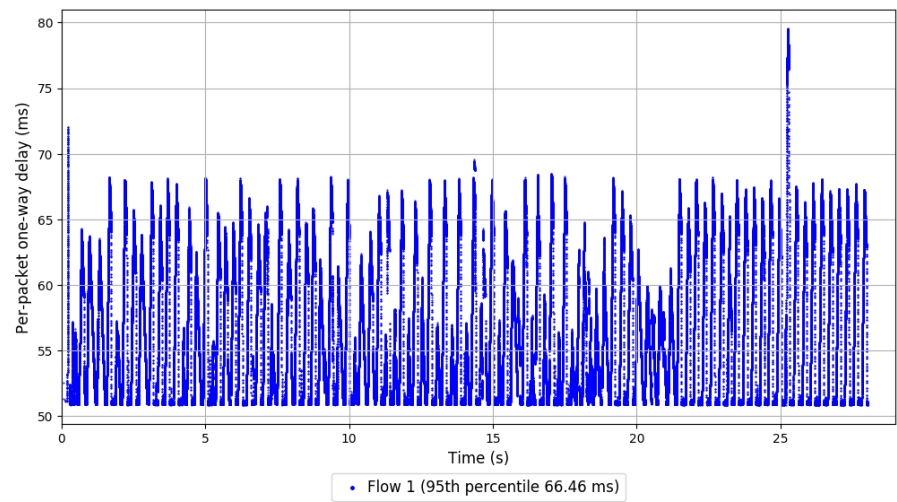
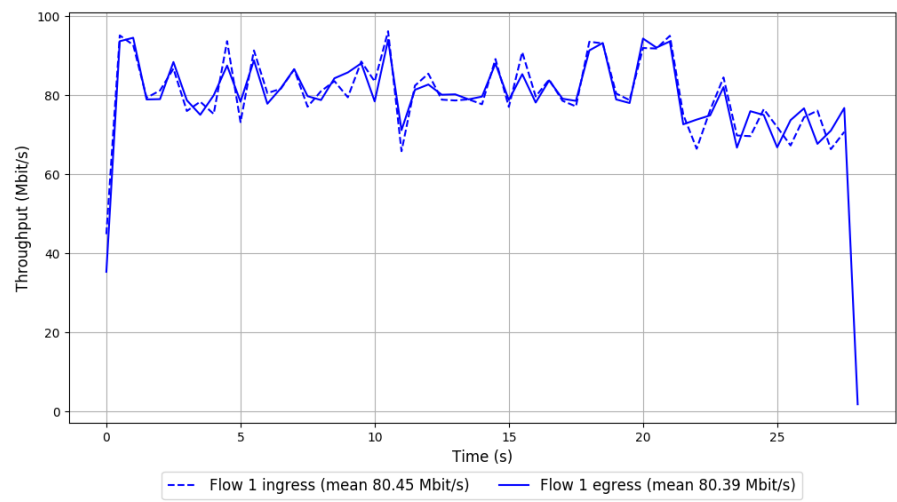
-- Flow 1:

Average throughput: 80.39 Mbit/s

95th percentile per-packet one-way delay: 66.460 ms

Loss rate: 0.08%

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



Run 8: Statistics of TaoVA-100x

Start at: 2017-09-03 06:56:08

End at: 2017-09-03 06:56:38

Local clock offset: 1.03 ms

Remote clock offset: -1.533 ms

Below is generated by plot.py at 2017-09-03 08:28:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.09 Mbit/s

95th percentile per-packet one-way delay: 66.532 ms

Loss rate: 0.01%

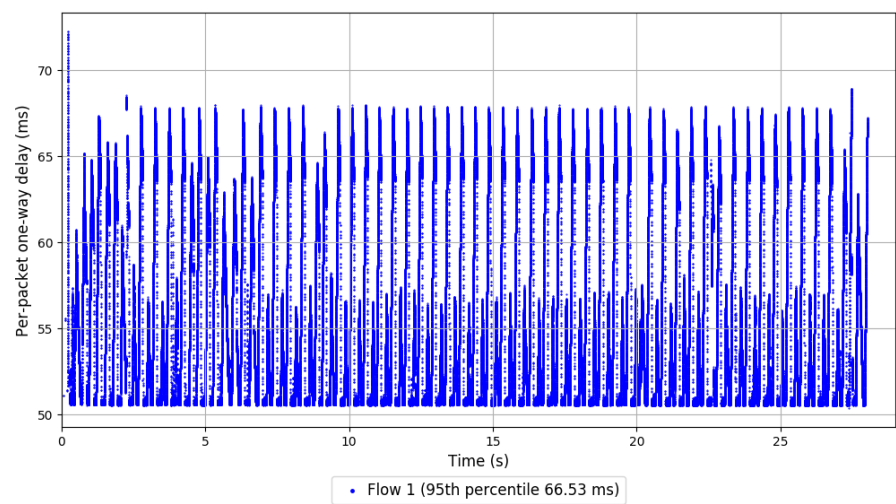
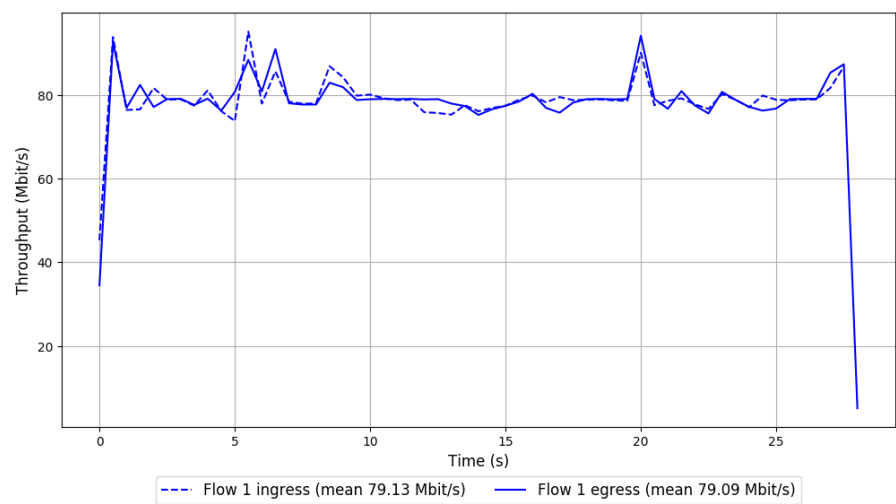
-- Flow 1:

Average throughput: 79.09 Mbit/s

95th percentile per-packet one-way delay: 66.532 ms

Loss rate: 0.01%

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



Run 9: Statistics of TaoVA-100x

Start at: 2017-09-03 07:16:19

End at: 2017-09-03 07:16:49

Local clock offset: 0.828 ms

Remote clock offset: -1.337 ms

Below is generated by plot.py at 2017-09-03 08:28:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.56 Mbit/s

95th percentile per-packet one-way delay: 65.774 ms

Loss rate: 0.08%

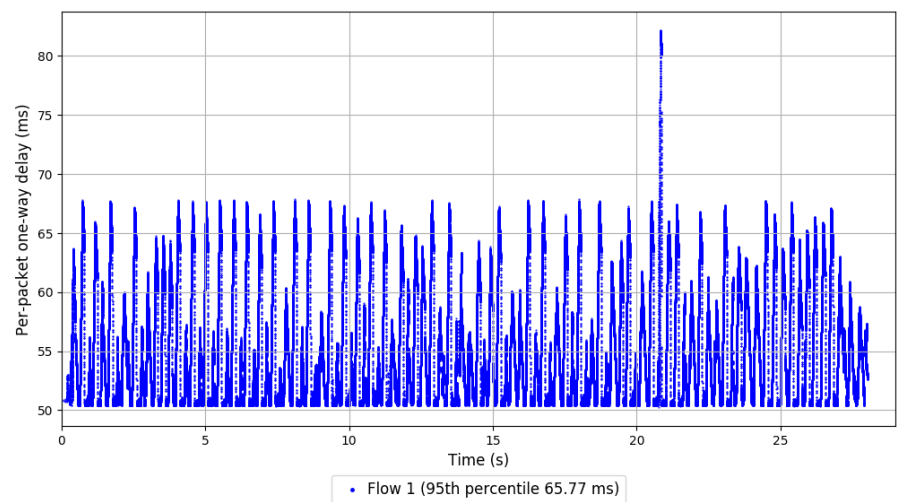
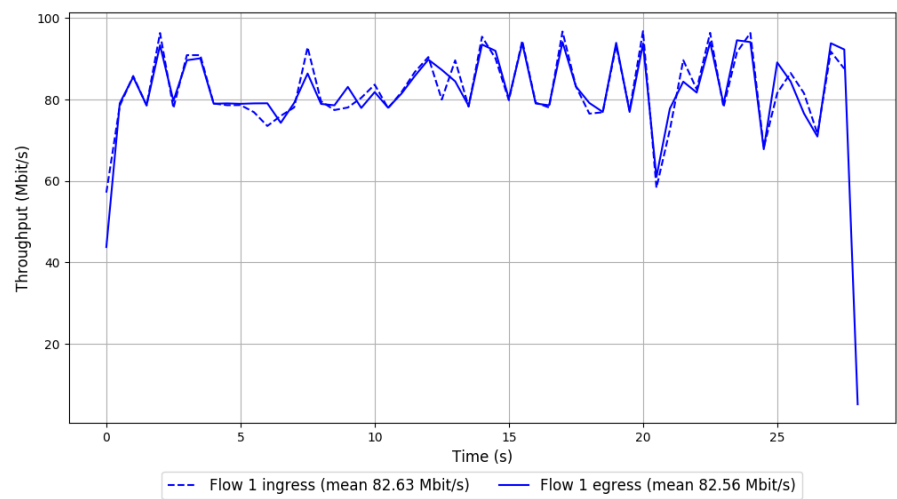
-- Flow 1:

Average throughput: 82.56 Mbit/s

95th percentile per-packet one-way delay: 65.774 ms

Loss rate: 0.08%

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



Run 10: Statistics of TaoVA-100x

Start at: 2017-09-03 07:36:33

End at: 2017-09-03 07:37:03

Local clock offset: 0.562 ms

Remote clock offset: -1.01 ms

Below is generated by plot.py at 2017-09-03 08:29:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 76.89 Mbit/s

95th percentile per-packet one-way delay: 66.476 ms

Loss rate: 0.08%

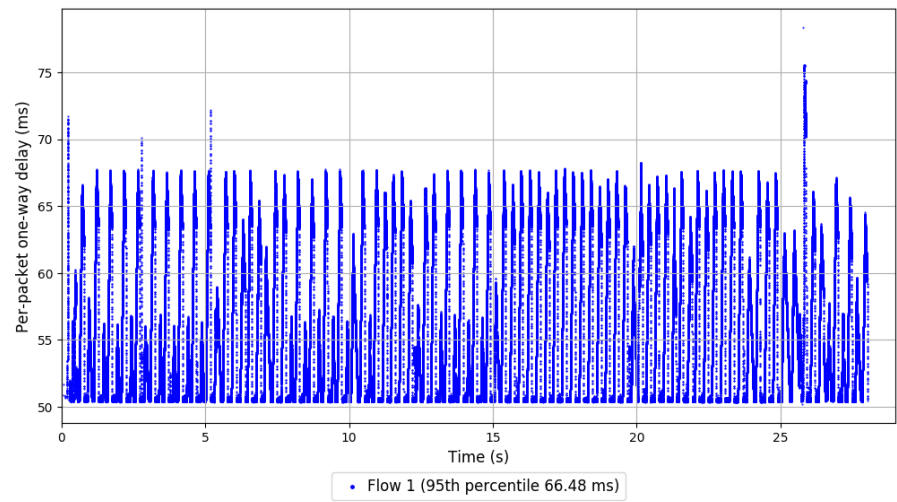
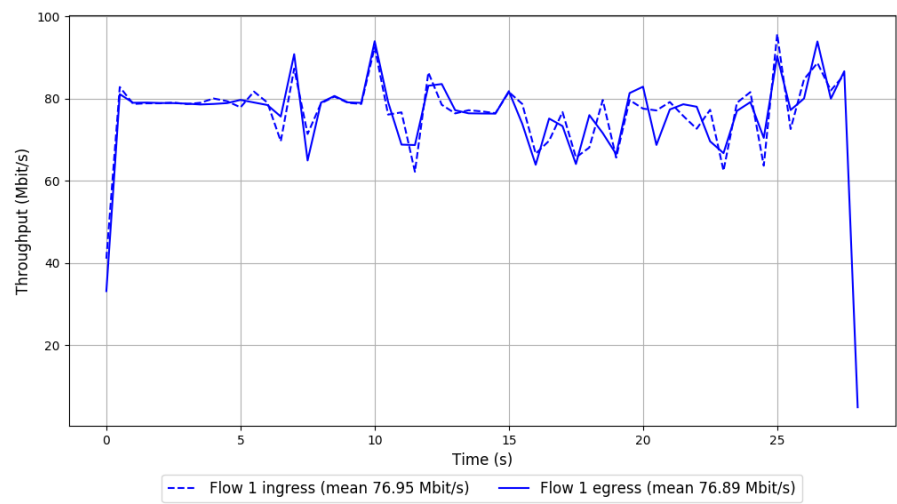
-- Flow 1:

Average throughput: 76.89 Mbit/s

95th percentile per-packet one-way delay: 66.476 ms

Loss rate: 0.08%

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

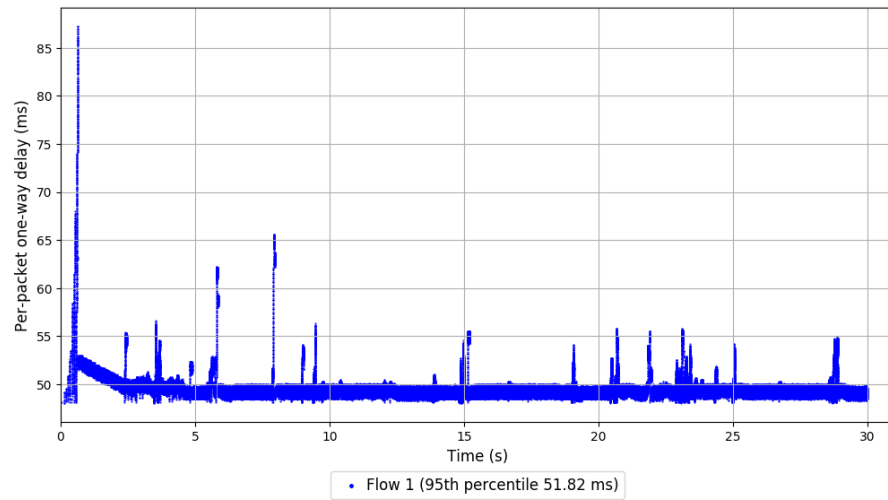
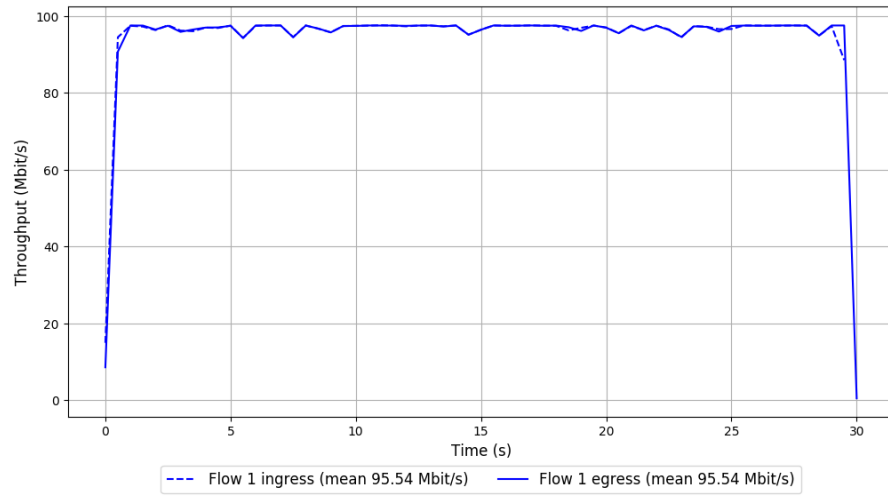


Run 1: Statistics of TCP Vegas

Start at: 2017-09-03 04:27:21
End at: 2017-09-03 04:27:51
Local clock offset: 0.215 ms
Remote clock offset: -2.102 ms

Below is generated by plot.py at 2017-09-03 08:29:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.54 Mbit/s
95th percentile per-packet one-way delay: 51.823 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 95.54 Mbit/s
95th percentile per-packet one-way delay: 51.823 ms
Loss rate: 0.00%

Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: 2017-09-03 04:48:30

End at: 2017-09-03 04:49:00

Local clock offset: 0.667 ms

Remote clock offset: 0.372 ms

Below is generated by plot.py at 2017-09-03 08:29:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.98 Mbit/s

95th percentile per-packet one-way delay: 53.991 ms

Loss rate: 0.29%

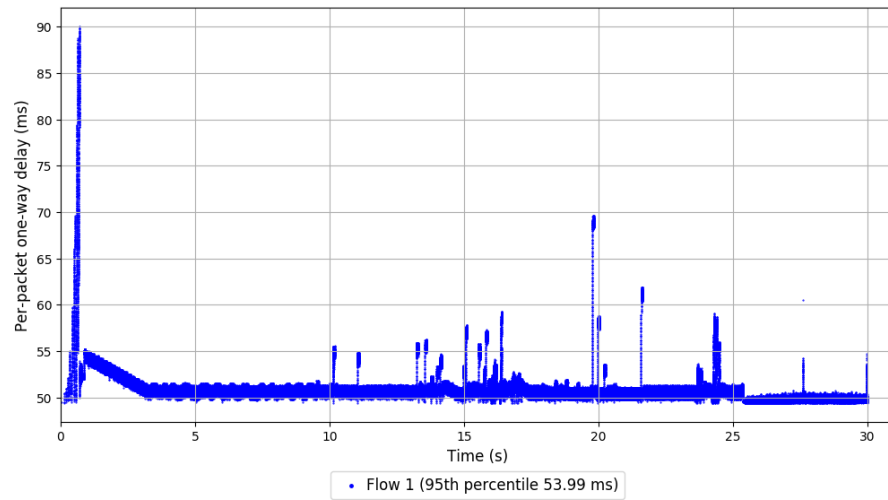
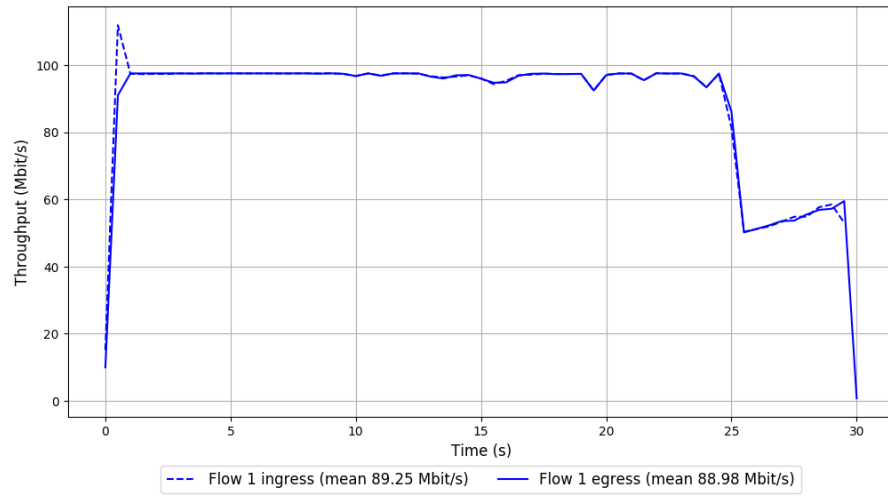
-- Flow 1:

Average throughput: 88.98 Mbit/s

95th percentile per-packet one-way delay: 53.991 ms

Loss rate: 0.29%

Run 2: Report of TCP Vegas — Data Link

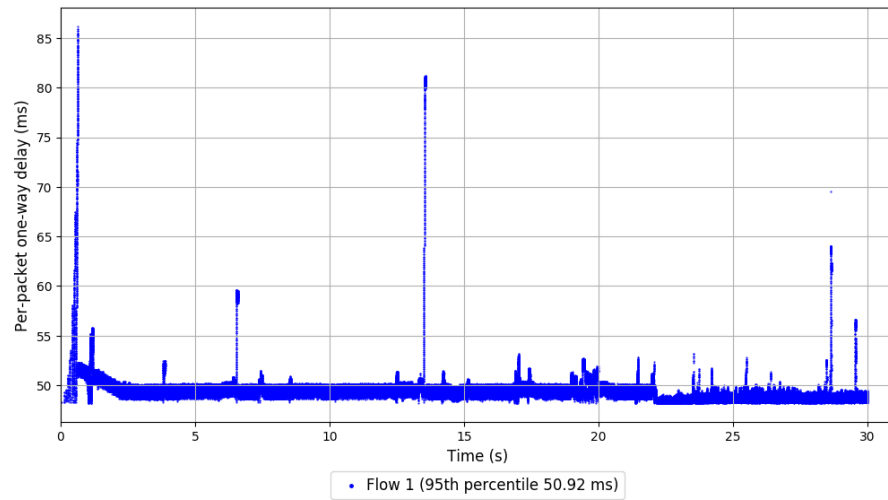
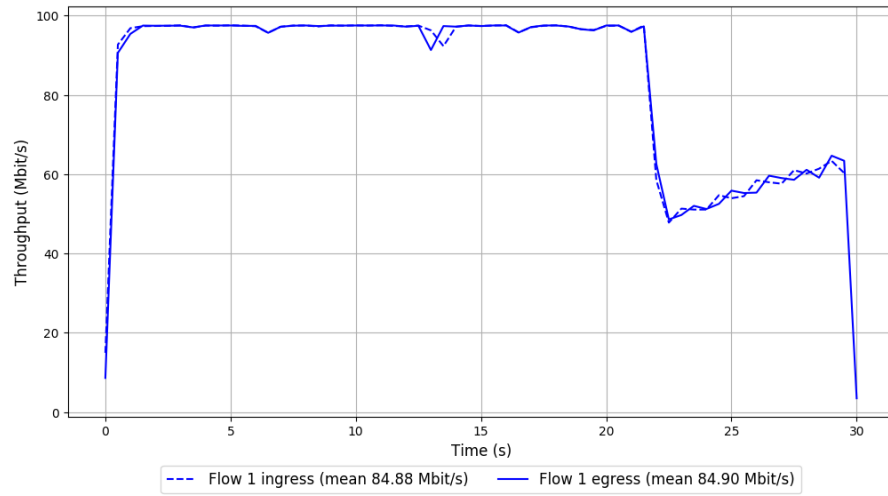


Run 3: Statistics of TCP Vegas

Start at: 2017-09-03 05:09:36
End at: 2017-09-03 05:10:06
Local clock offset: 0.85 ms
Remote clock offset: -2.602 ms

Below is generated by plot.py at 2017-09-03 08:29:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 84.90 Mbit/s
95th percentile per-packet one-way delay: 50.919 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 84.90 Mbit/s
95th percentile per-packet one-way delay: 50.919 ms
Loss rate: 0.02%

Run 3: Report of TCP Vegas — Data Link

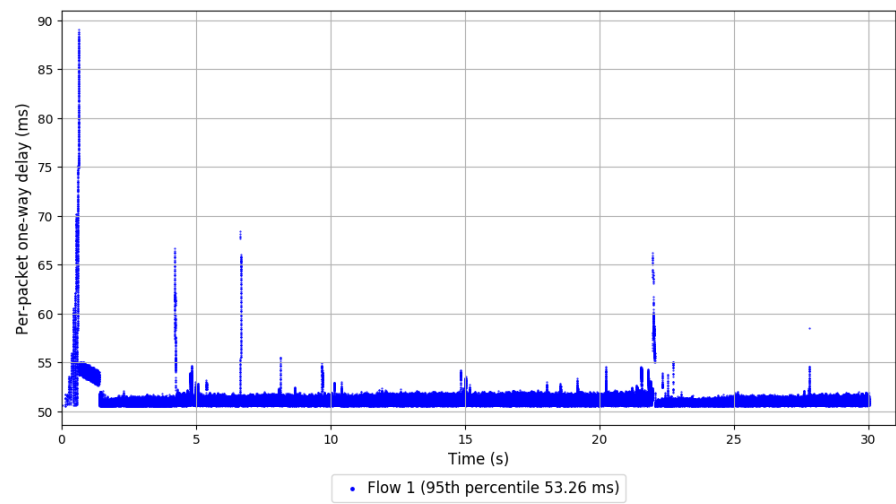
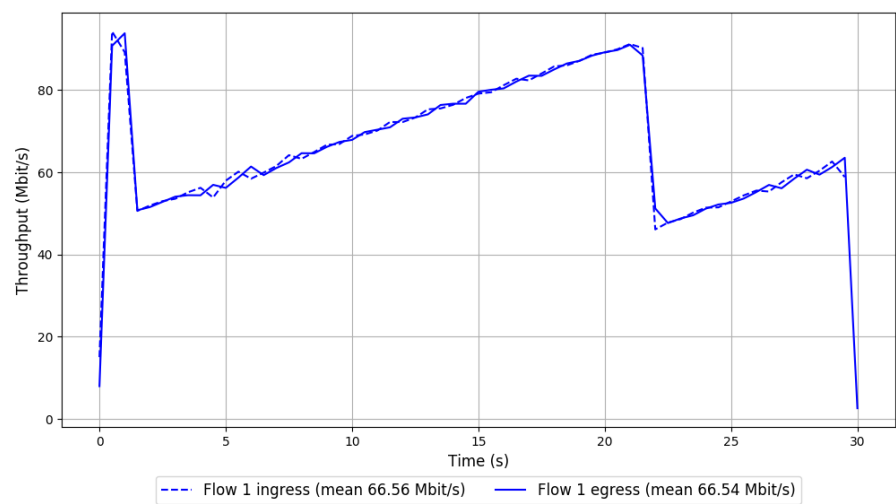


Run 4: Statistics of TCP Vegas

Start at: 2017-09-03 05:30:25
End at: 2017-09-03 05:30:55
Local clock offset: 0.775 ms
Remote clock offset: -0.941 ms

Below is generated by plot.py at 2017-09-03 08:29:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 66.54 Mbit/s
95th percentile per-packet one-way delay: 53.261 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 66.54 Mbit/s
95th percentile per-packet one-way delay: 53.261 ms
Loss rate: 0.05%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: 2017-09-03 05:51:00

End at: 2017-09-03 05:51:30

Local clock offset: 0.937 ms

Remote clock offset: -3.37 ms

Below is generated by plot.py at 2017-09-03 08:29:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.69 Mbit/s

95th percentile per-packet one-way delay: 51.001 ms

Loss rate: 0.70%

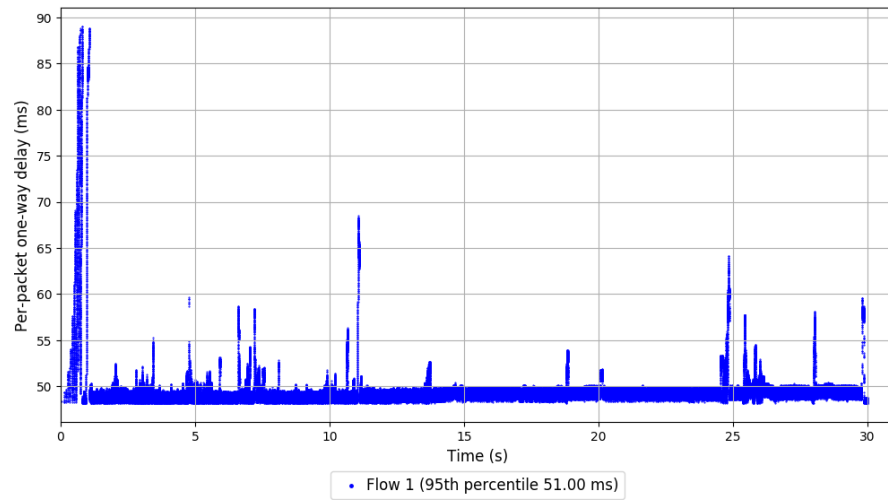
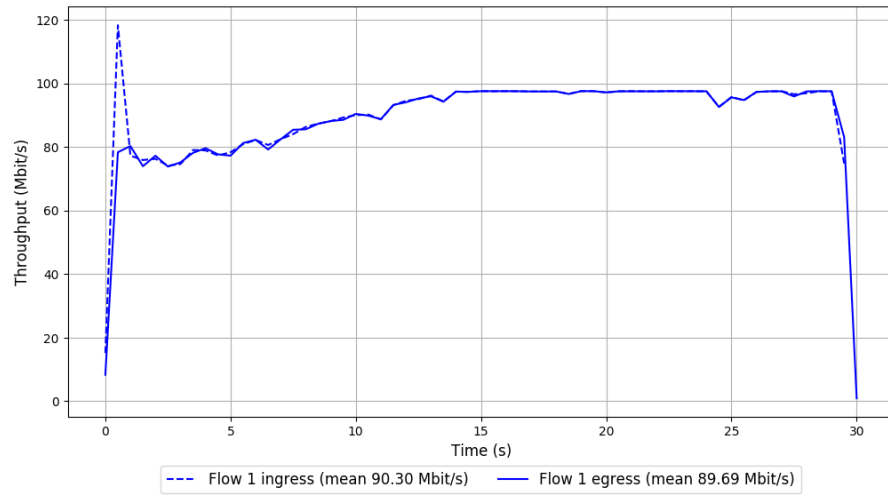
-- Flow 1:

Average throughput: 89.69 Mbit/s

95th percentile per-packet one-way delay: 51.001 ms

Loss rate: 0.70%

Run 5: Report of TCP Vegas — Data Link

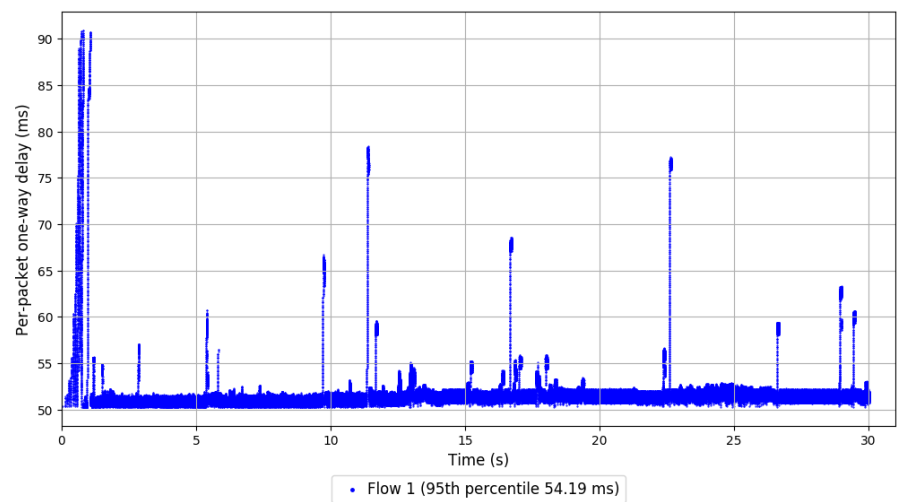
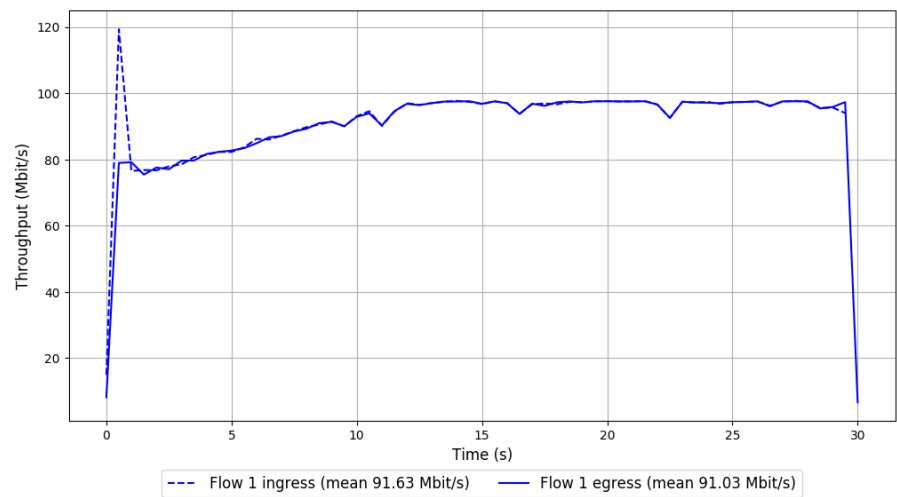


Run 6: Statistics of TCP Vegas

Start at: 2017-09-03 06:11:37
End at: 2017-09-03 06:12:07
Local clock offset: 1.068 ms
Remote clock offset: -1.499 ms

Below is generated by plot.py at 2017-09-03 08:29:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.03 Mbit/s
95th percentile per-packet one-way delay: 54.192 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 91.03 Mbit/s
95th percentile per-packet one-way delay: 54.192 ms
Loss rate: 0.68%

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: 2017-09-03 06:31:44

End at: 2017-09-03 06:32:14

Local clock offset: 1.03 ms

Remote clock offset: -3.74 ms

Below is generated by plot.py at 2017-09-03 08:29:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.91 Mbit/s

95th percentile per-packet one-way delay: 51.230 ms

Loss rate: 0.27%

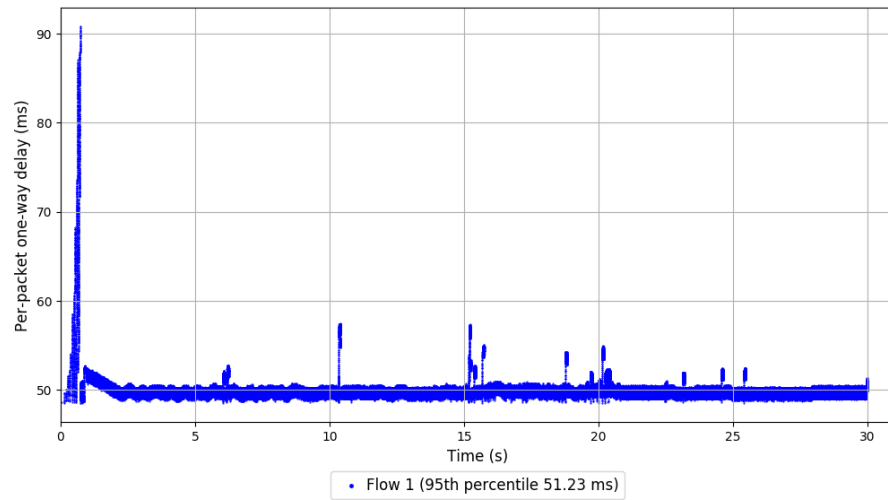
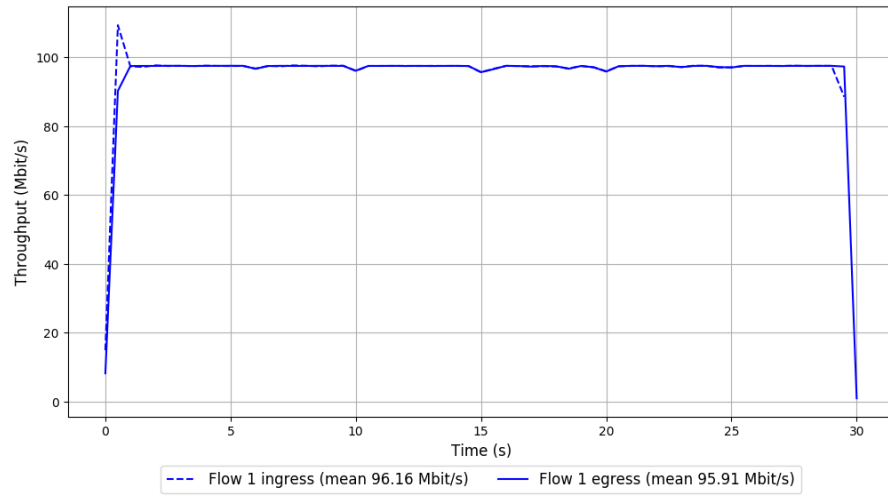
-- Flow 1:

Average throughput: 95.91 Mbit/s

95th percentile per-packet one-way delay: 51.230 ms

Loss rate: 0.27%

Run 7: Report of TCP Vegas — Data Link

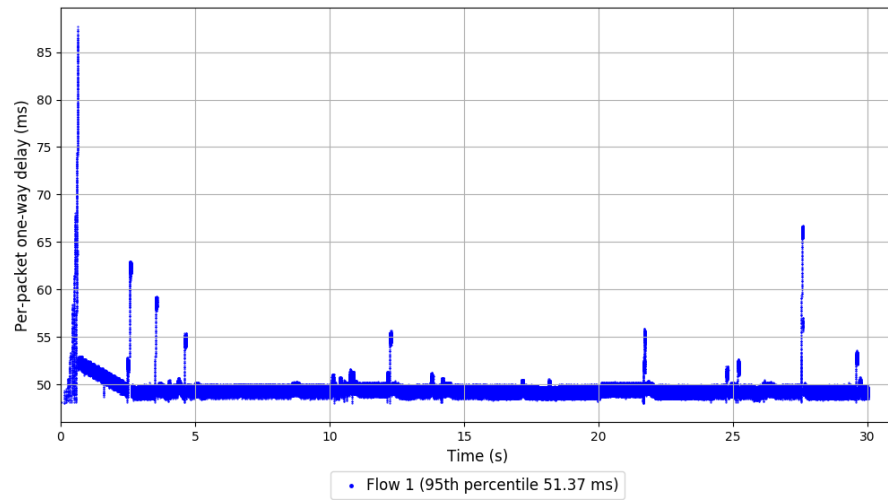
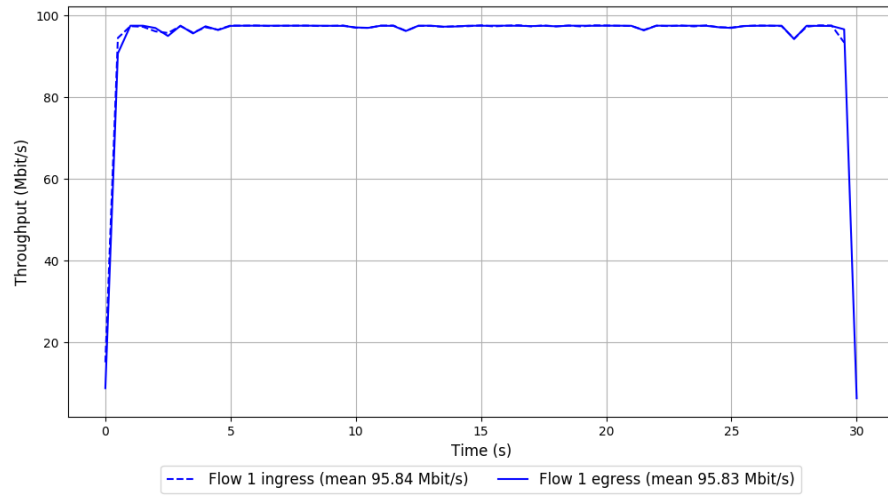


Run 8: Statistics of TCP Vegas

Start at: 2017-09-03 06:52:03
End at: 2017-09-03 06:52:33
Local clock offset: 1.062 ms
Remote clock offset: -3.835 ms

Below is generated by plot.py at 2017-09-03 08:29:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.83 Mbit/s
95th percentile per-packet one-way delay: 51.365 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 95.83 Mbit/s
95th percentile per-packet one-way delay: 51.365 ms
Loss rate: 0.00%

Run 8: Report of TCP Vegas — Data Link

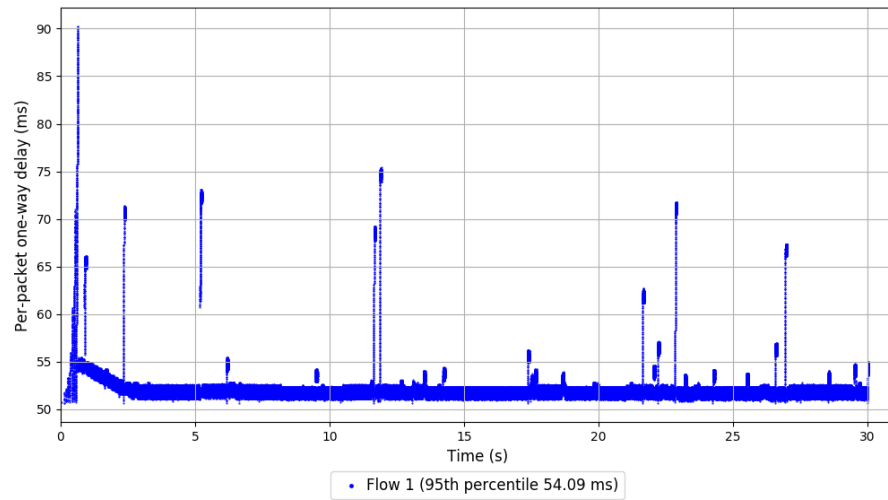
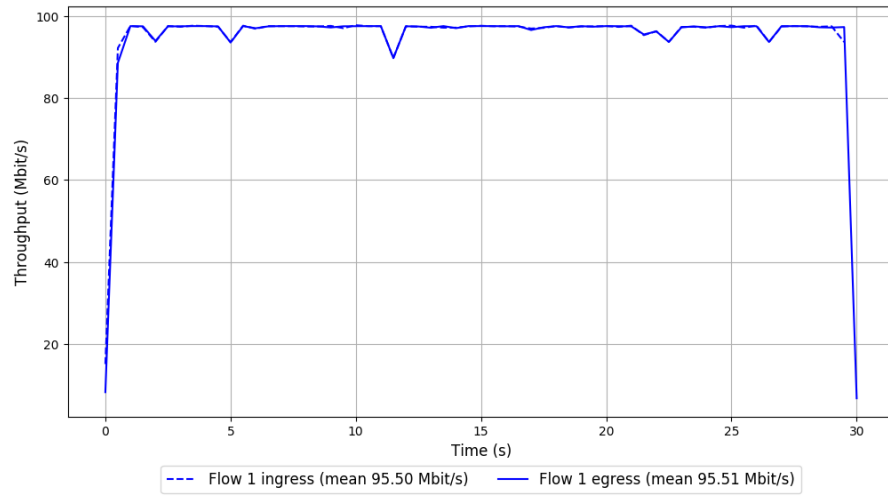


Run 9: Statistics of TCP Vegas

Start at: 2017-09-03 07:12:16
End at: 2017-09-03 07:12:46
Local clock offset: 0.922 ms
Remote clock offset: -0.895 ms

Below is generated by plot.py at 2017-09-03 08:30:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.51 Mbit/s
95th percentile per-packet one-way delay: 54.091 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 95.51 Mbit/s
95th percentile per-packet one-way delay: 54.091 ms
Loss rate: 0.00%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: 2017-09-03 07:32:30

End at: 2017-09-03 07:33:00

Local clock offset: 0.557 ms

Remote clock offset: -0.927 ms

Below is generated by plot.py at 2017-09-03 08:30:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.66 Mbit/s

95th percentile per-packet one-way delay: 53.521 ms

Loss rate: 0.00%

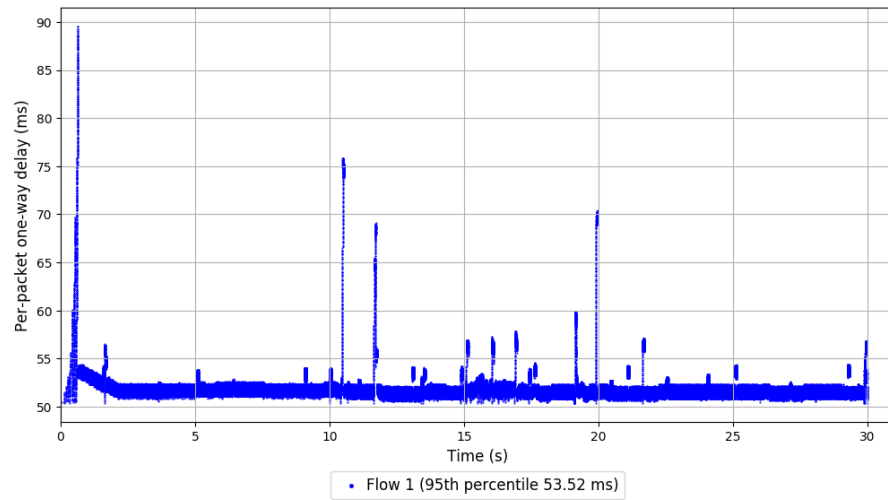
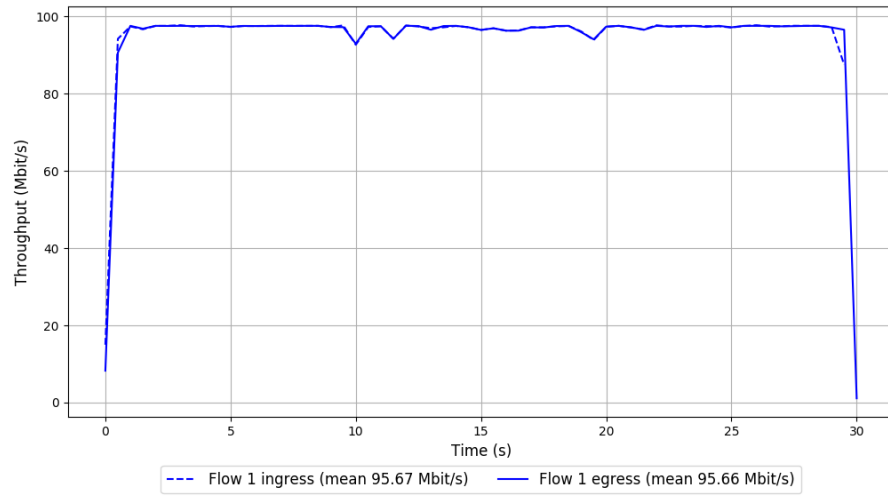
-- Flow 1:

Average throughput: 95.66 Mbit/s

95th percentile per-packet one-way delay: 53.521 ms

Loss rate: 0.00%

Run 10: Report of TCP Vegas — Data Link

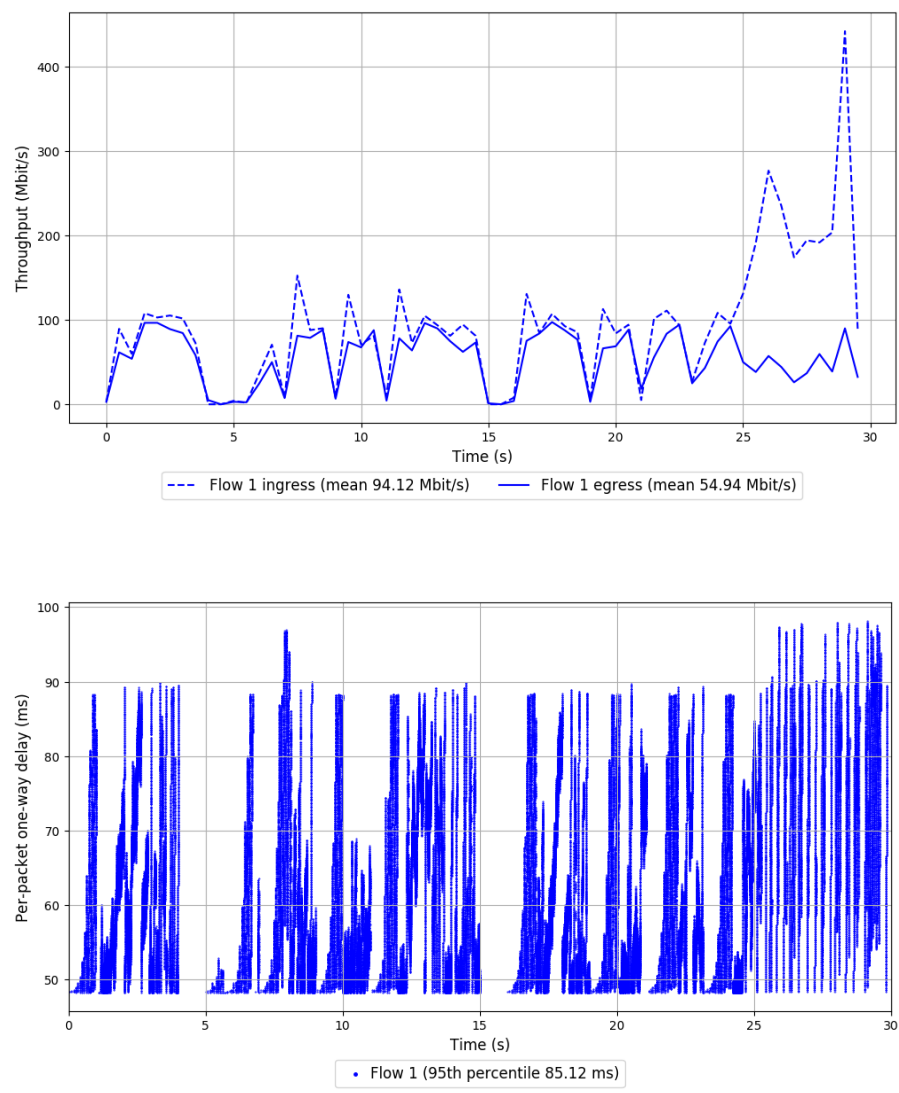


Run 1: Statistics of Verus

Start at: 2017-09-03 04:35:50
End at: 2017-09-03 04:36:20
Local clock offset: 0.326 ms
Remote clock offset: -2.119 ms

Below is generated by plot.py at 2017-09-03 08:30:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 54.94 Mbit/s
95th percentile per-packet one-way delay: 85.118 ms
Loss rate: 41.60%
-- Flow 1:
Average throughput: 54.94 Mbit/s
95th percentile per-packet one-way delay: 85.118 ms
Loss rate: 41.60%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: 2017-09-03 04:56:48

End at: 2017-09-03 04:57:18

Local clock offset: 0.813 ms

Remote clock offset: 0.212 ms

Below is generated by plot.py at 2017-09-03 08:30:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 56.23 Mbit/s

95th percentile per-packet one-way delay: 88.164 ms

Loss rate: 43.76%

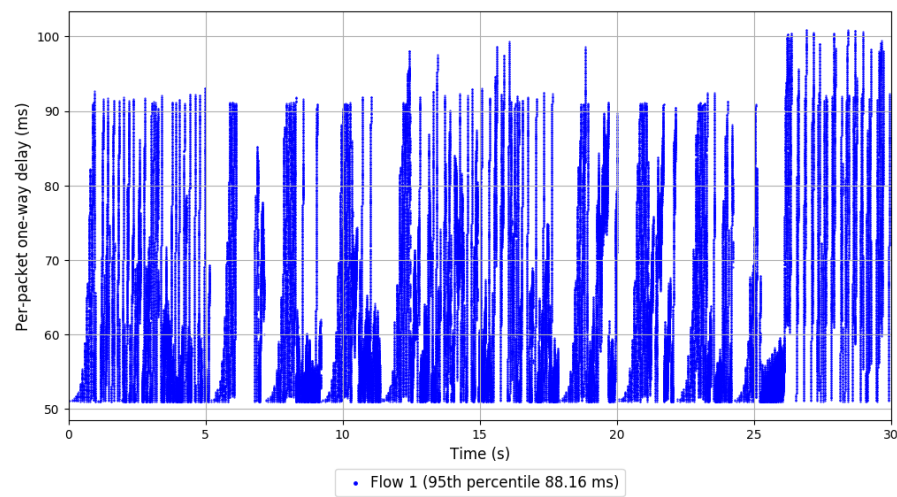
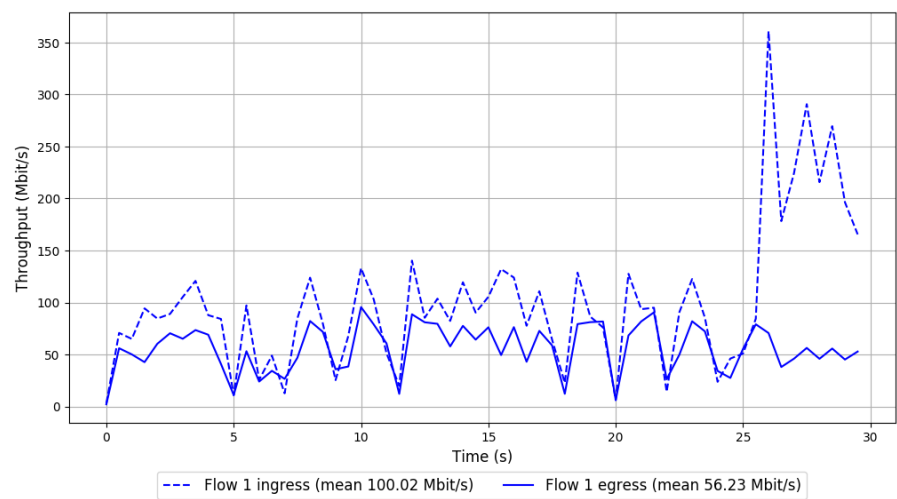
-- Flow 1:

Average throughput: 56.23 Mbit/s

95th percentile per-packet one-way delay: 88.164 ms

Loss rate: 43.76%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: 2017-09-03 05:17:58

End at: 2017-09-03 05:18:28

Local clock offset: 0.789 ms

Remote clock offset: -2.7 ms

Below is generated by plot.py at 2017-09-03 08:30:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 54.09 Mbit/s

95th percentile per-packet one-way delay: 83.782 ms

Loss rate: 24.42%

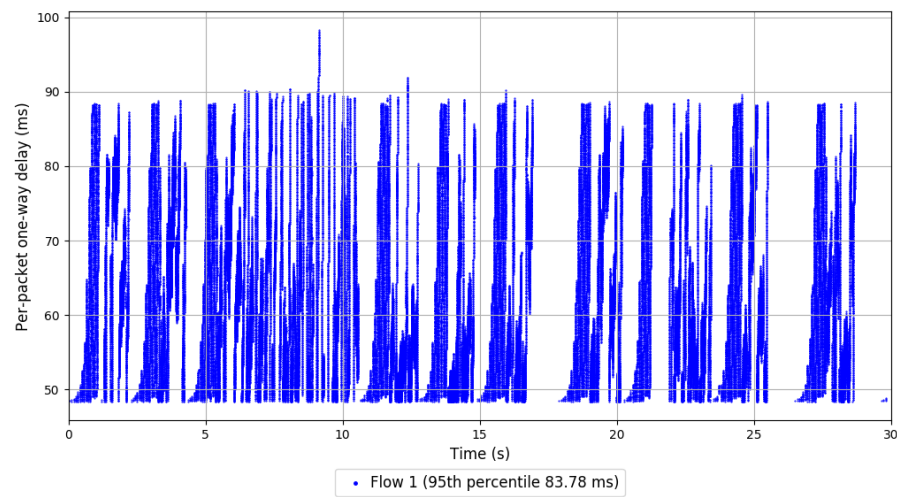
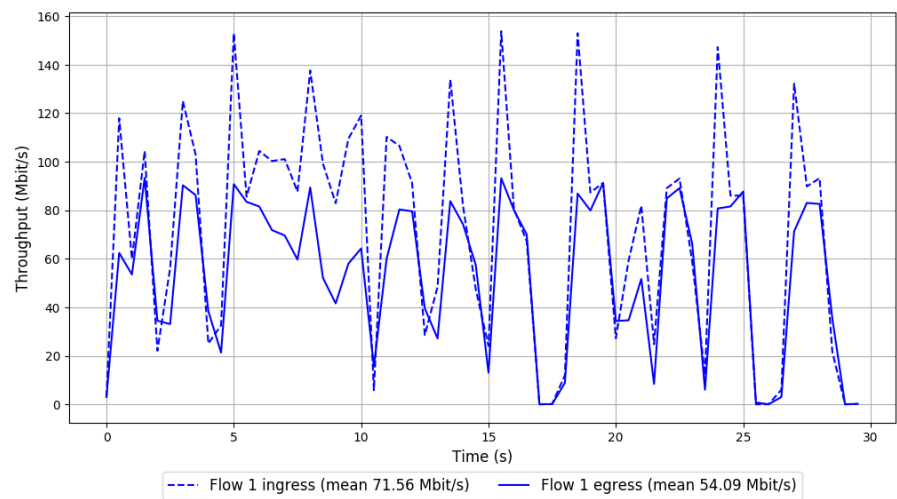
-- Flow 1:

Average throughput: 54.09 Mbit/s

95th percentile per-packet one-way delay: 83.782 ms

Loss rate: 24.42%

Run 3: Report of Verus — Data Link

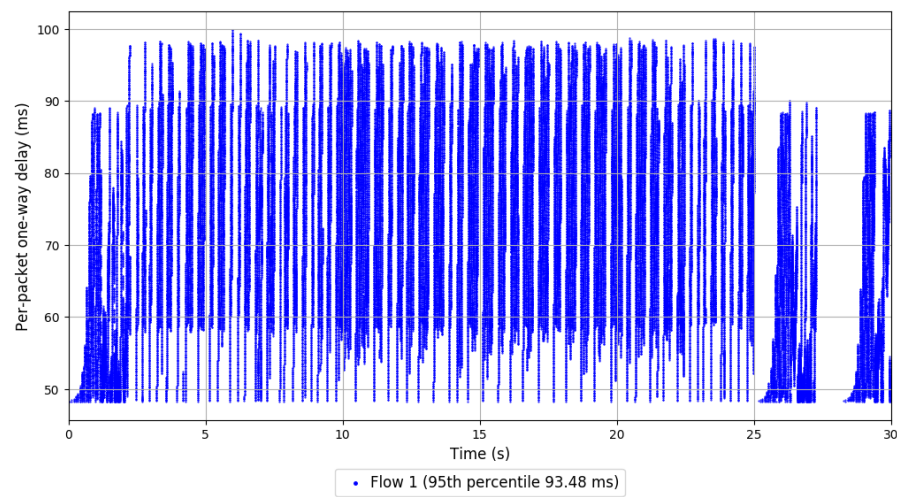
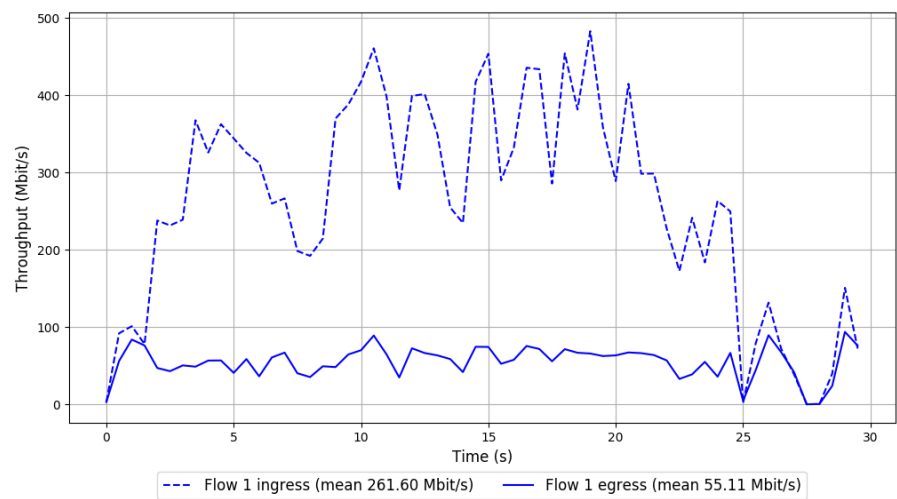


Run 4: Statistics of Verus

Start at: 2017-09-03 05:38:28
End at: 2017-09-03 05:38:58
Local clock offset: 0.798 ms
Remote clock offset: -3.203 ms

Below is generated by plot.py at 2017-09-03 08:30:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 55.11 Mbit/s
95th percentile per-packet one-way delay: 93.478 ms
Loss rate: 78.93%
-- Flow 1:
Average throughput: 55.11 Mbit/s
95th percentile per-packet one-way delay: 93.478 ms
Loss rate: 78.93%

Run 4: Report of Verus — Data Link

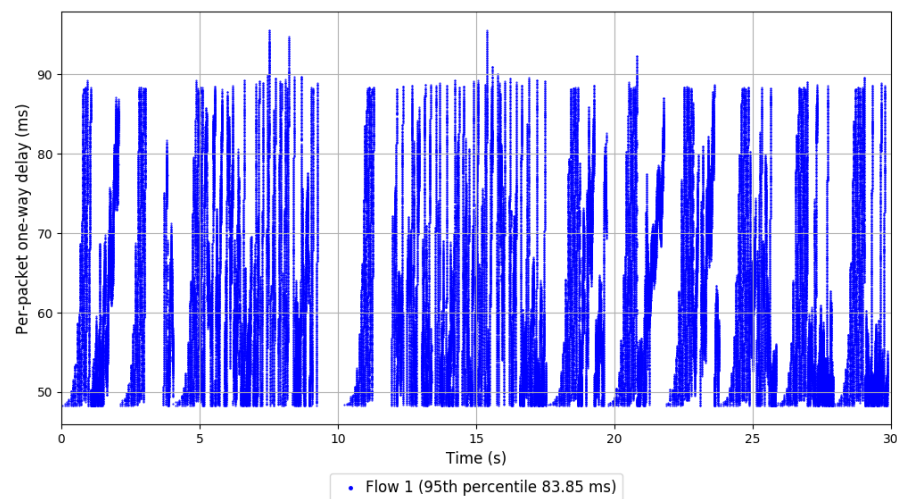
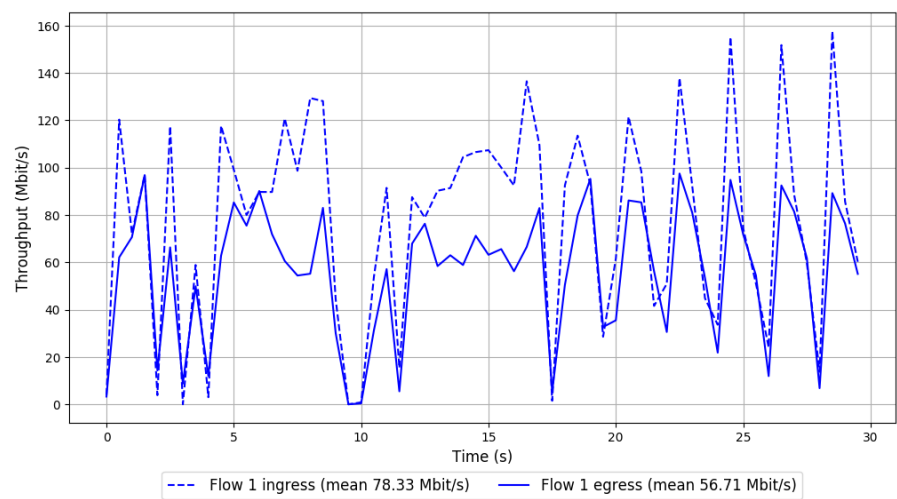


Run 5: Statistics of Verus

Start at: 2017-09-03 05:59:24
End at: 2017-09-03 05:59:54
Local clock offset: 0.981 ms
Remote clock offset: -3.488 ms

Below is generated by plot.py at 2017-09-03 08:30:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 56.71 Mbit/s
95th percentile per-packet one-way delay: 83.847 ms
Loss rate: 27.59%
-- Flow 1:
Average throughput: 56.71 Mbit/s
95th percentile per-packet one-way delay: 83.847 ms
Loss rate: 27.59%

Run 5: Report of Verus — Data Link

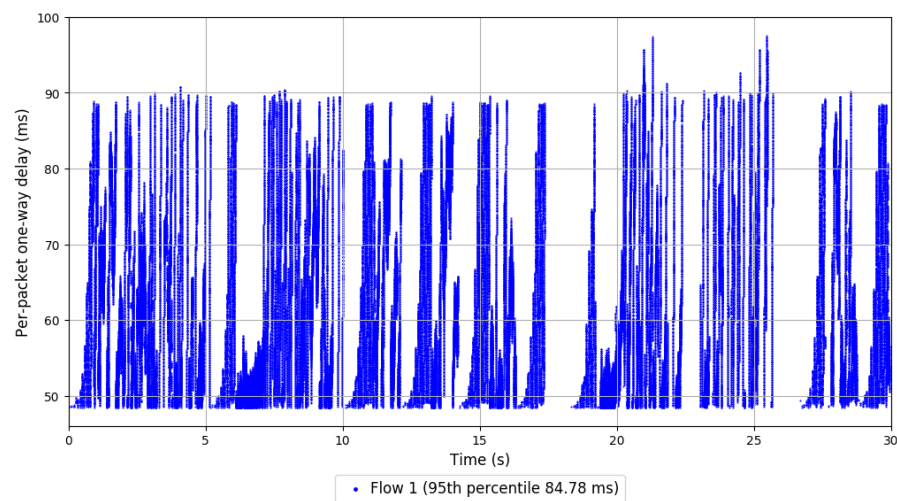
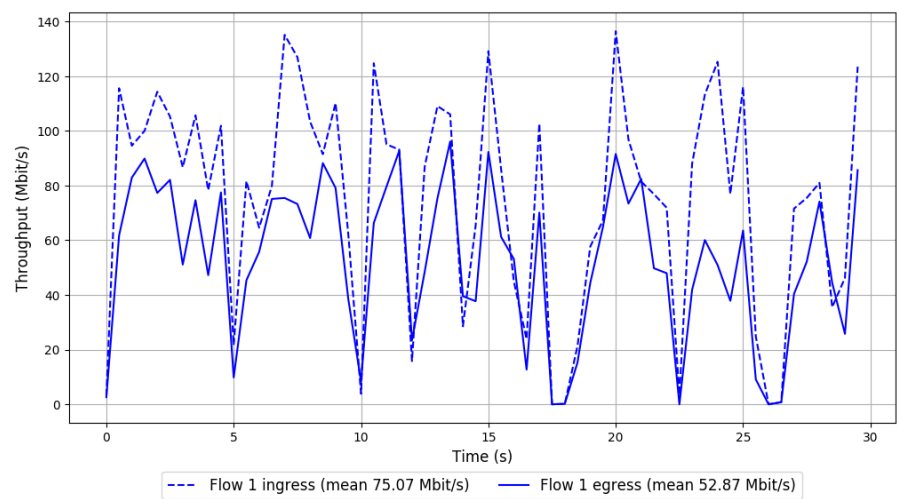


Run 6: Statistics of Verus

Start at: 2017-09-03 06:19:40
End at: 2017-09-03 06:20:10
Local clock offset: 1.134 ms
Remote clock offset: -3.622 ms

Below is generated by plot.py at 2017-09-03 08:30:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 52.87 Mbit/s
95th percentile per-packet one-way delay: 84.780 ms
Loss rate: 29.57%
-- Flow 1:
Average throughput: 52.87 Mbit/s
95th percentile per-packet one-way delay: 84.780 ms
Loss rate: 29.57%

Run 6: Report of Verus — Data Link

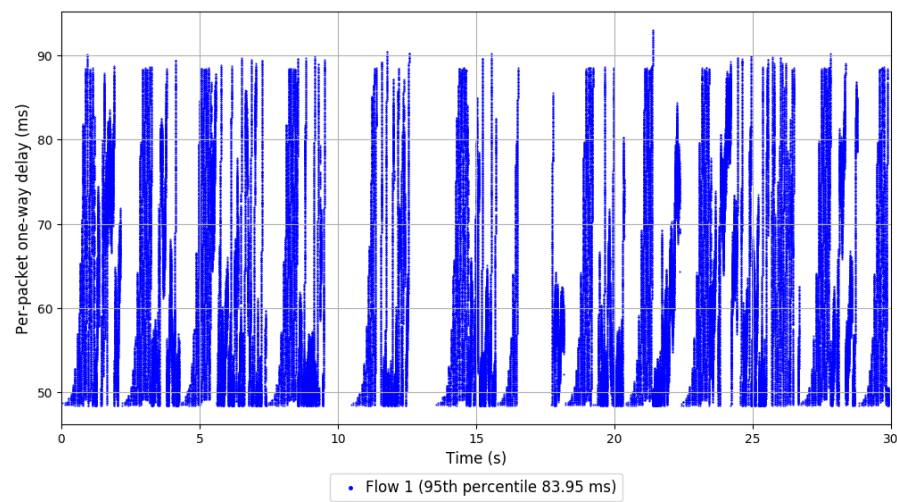
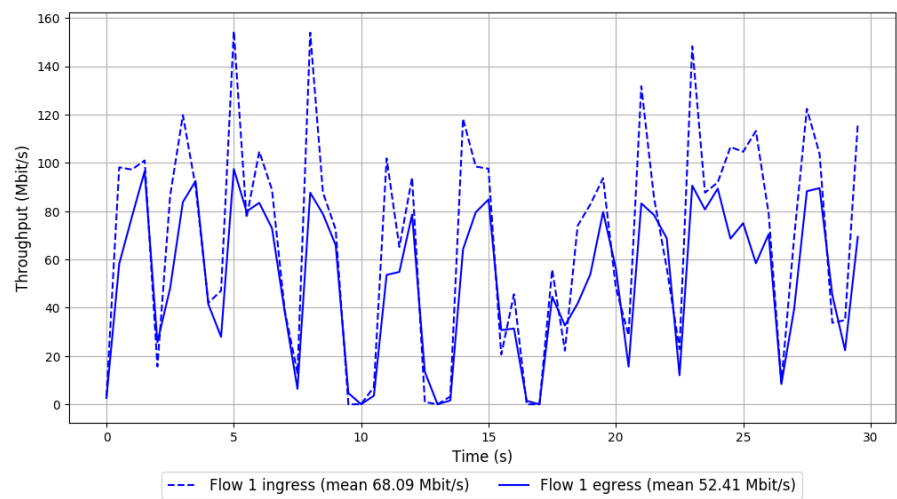


Run 7: Statistics of Verus

Start at: 2017-09-03 06:39:48
End at: 2017-09-03 06:40:18
Local clock offset: 1.081 ms
Remote clock offset: -3.788 ms

Below is generated by plot.py at 2017-09-03 08:30:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 52.41 Mbit/s
95th percentile per-packet one-way delay: 83.950 ms
Loss rate: 23.02%
-- Flow 1:
Average throughput: 52.41 Mbit/s
95th percentile per-packet one-way delay: 83.950 ms
Loss rate: 23.02%

Run 7: Report of Verus — Data Link



Run 8: Statistics of Verus

Start at: 2017-09-03 07:00:07

End at: 2017-09-03 07:00:37

Local clock offset: 1.023 ms

Remote clock offset: -3.55 ms

Below is generated by plot.py at 2017-09-03 08:30:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 52.32 Mbit/s

95th percentile per-packet one-way delay: 84.462 ms

Loss rate: 28.86%

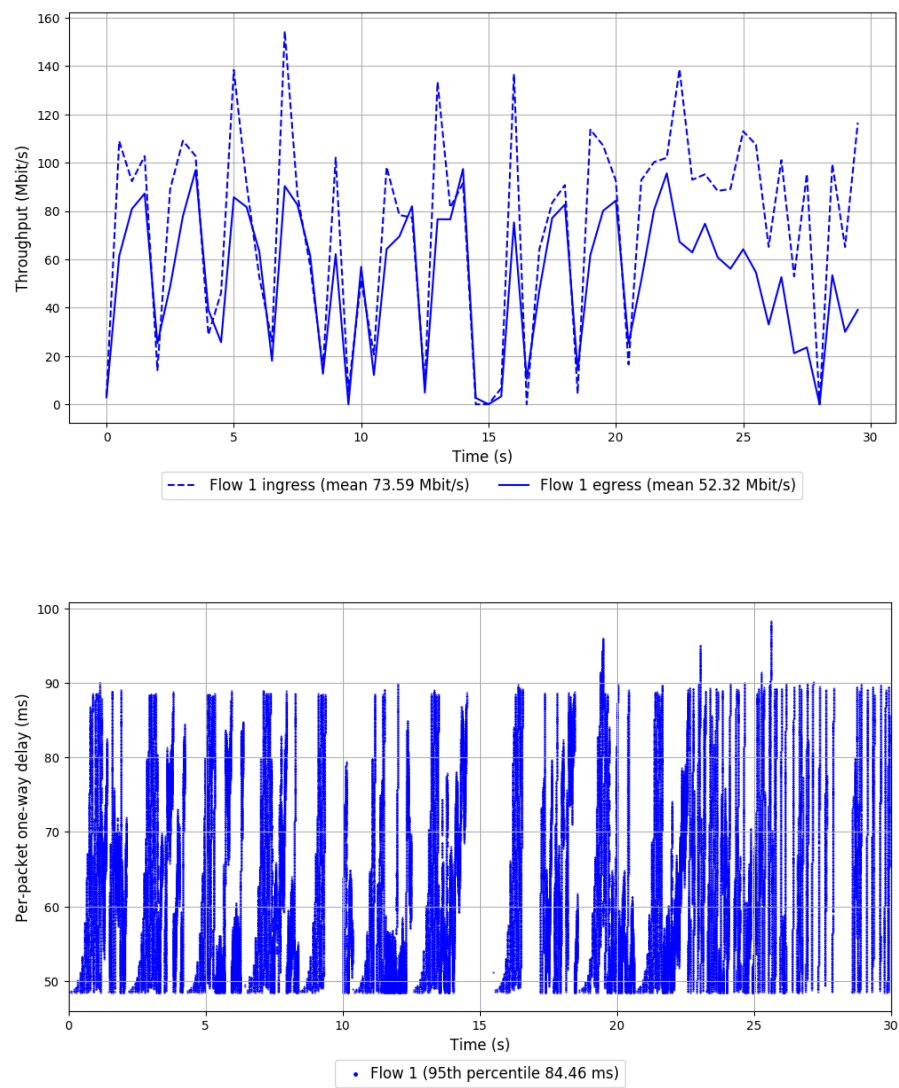
-- Flow 1:

Average throughput: 52.32 Mbit/s

95th percentile per-packet one-way delay: 84.462 ms

Loss rate: 28.86%

Run 8: Report of Verus — Data Link

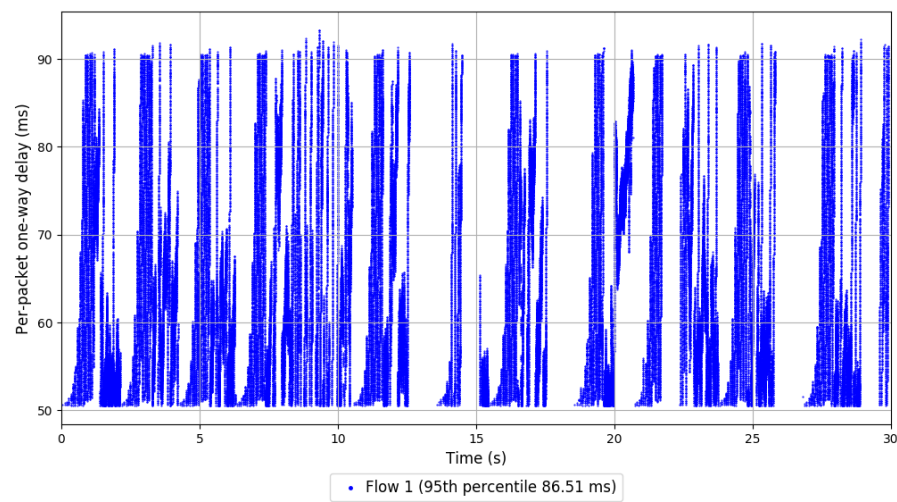
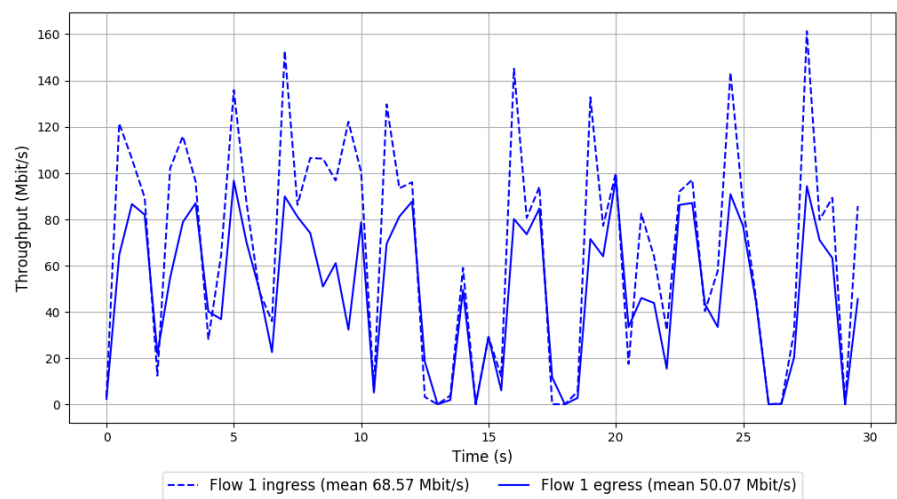


Run 9: Statistics of Verus

Start at: 2017-09-03 07:20:19
End at: 2017-09-03 07:20:49
Local clock offset: 0.816 ms
Remote clock offset: -1.142 ms

Below is generated by plot.py at 2017-09-03 08:30:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.07 Mbit/s
95th percentile per-packet one-way delay: 86.510 ms
Loss rate: 26.89%
-- Flow 1:
Average throughput: 50.07 Mbit/s
95th percentile per-packet one-way delay: 86.510 ms
Loss rate: 26.89%

Run 9: Report of Verus — Data Link

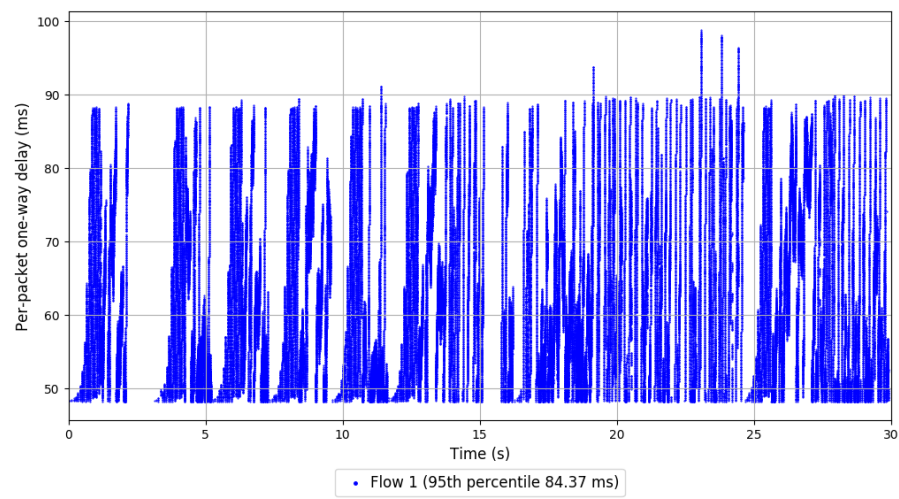
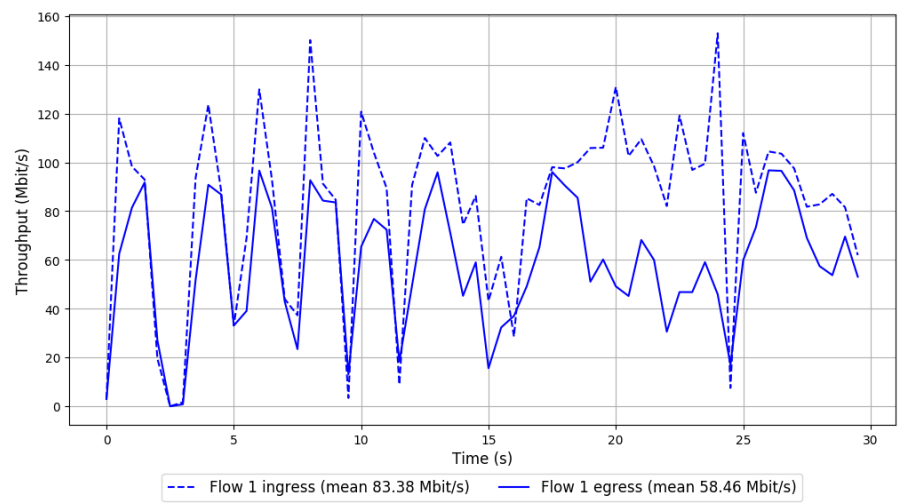


Run 10: Statistics of Verus

Start at: 2017-09-03 07:40:32
End at: 2017-09-03 07:41:02
Local clock offset: 0.389 ms
Remote clock offset: -2.941 ms

Below is generated by plot.py at 2017-09-03 08:30:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 58.46 Mbit/s
95th percentile per-packet one-way delay: 84.372 ms
Loss rate: 29.89%
-- Flow 1:
Average throughput: 58.46 Mbit/s
95th percentile per-packet one-way delay: 84.372 ms
Loss rate: 29.89%

Run 10: Report of Verus — Data Link

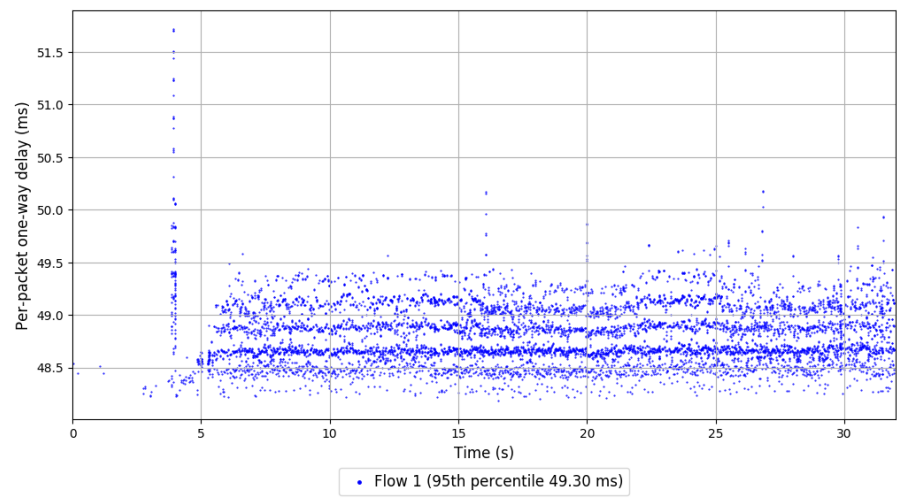
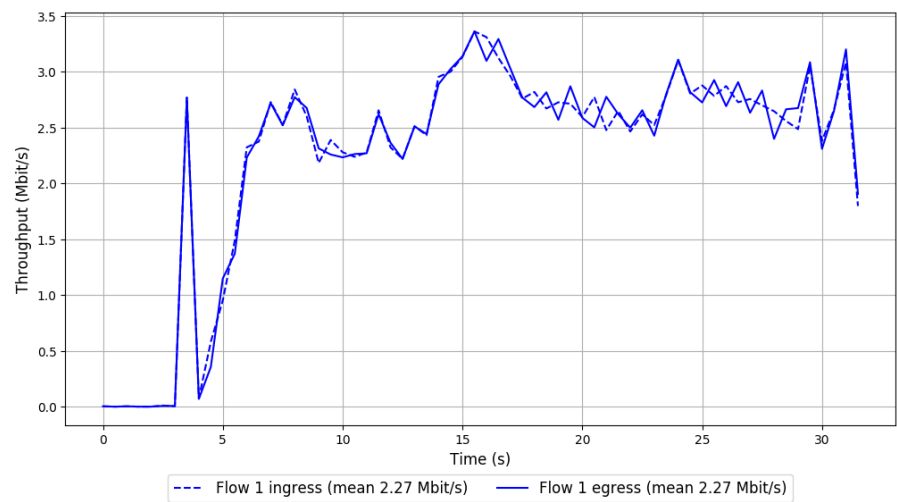


Run 1: Statistics of WebRTC media

Start at: 2017-09-03 04:34:33
End at: 2017-09-03 04:35:03
Local clock offset: 0.276 ms
Remote clock offset: -2.184 ms

Below is generated by plot.py at 2017-09-03 08:30:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 49.305 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 49.305 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

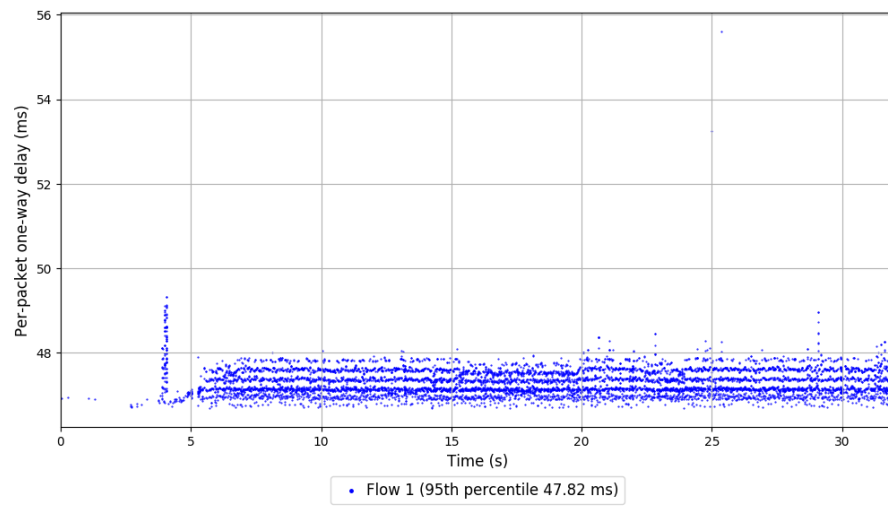
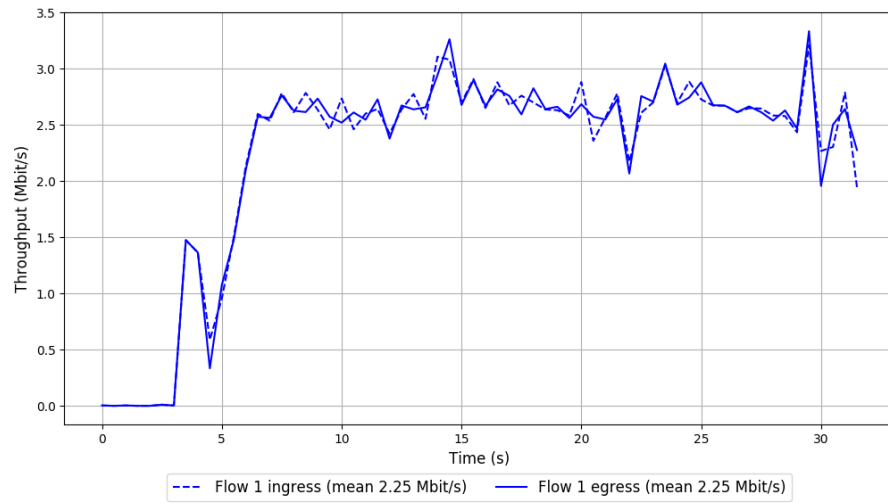


Run 2: Statistics of WebRTC media

Start at: 2017-09-03 04:55:31
End at: 2017-09-03 04:56:01
Local clock offset: 0.785 ms
Remote clock offset: -2.262 ms

Below is generated by plot.py at 2017-09-03 08:30:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 47.819 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 47.819 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

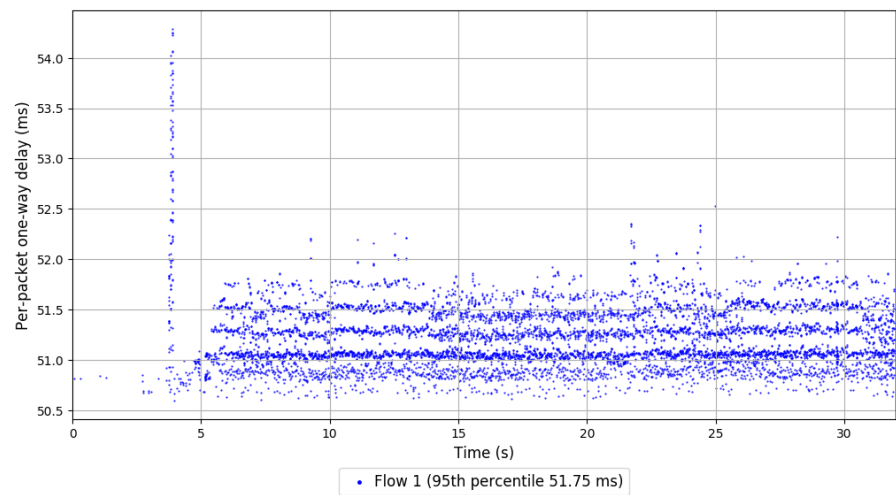
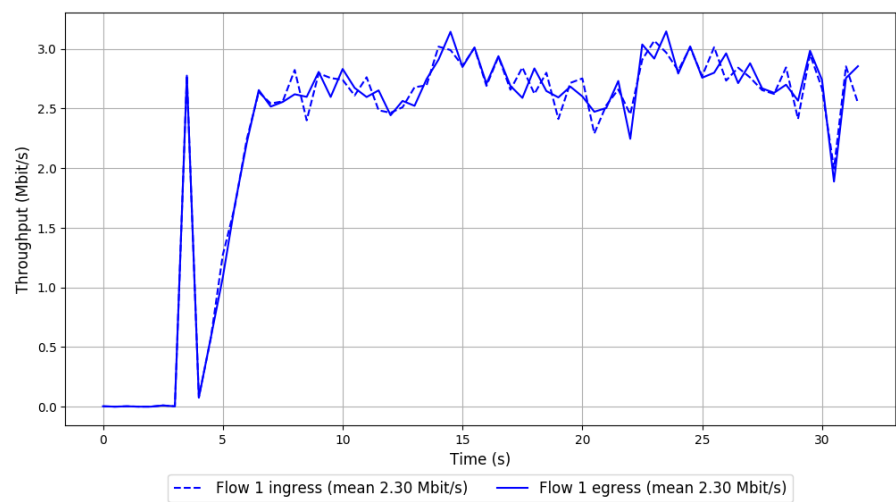


Run 3: Statistics of WebRTC media

Start at: 2017-09-03 05:16:41
End at: 2017-09-03 05:17:11
Local clock offset: 0.812 ms
Remote clock offset: -0.124 ms

Below is generated by plot.py at 2017-09-03 08:30:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 51.748 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 51.748 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

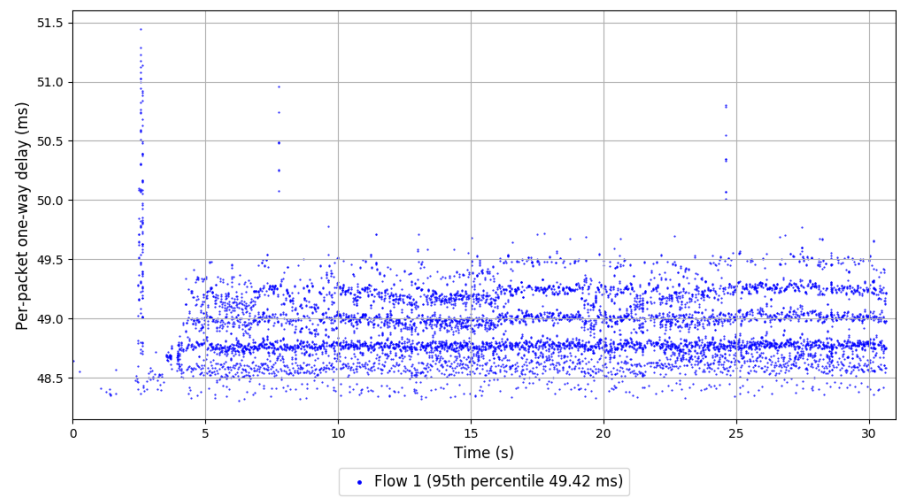
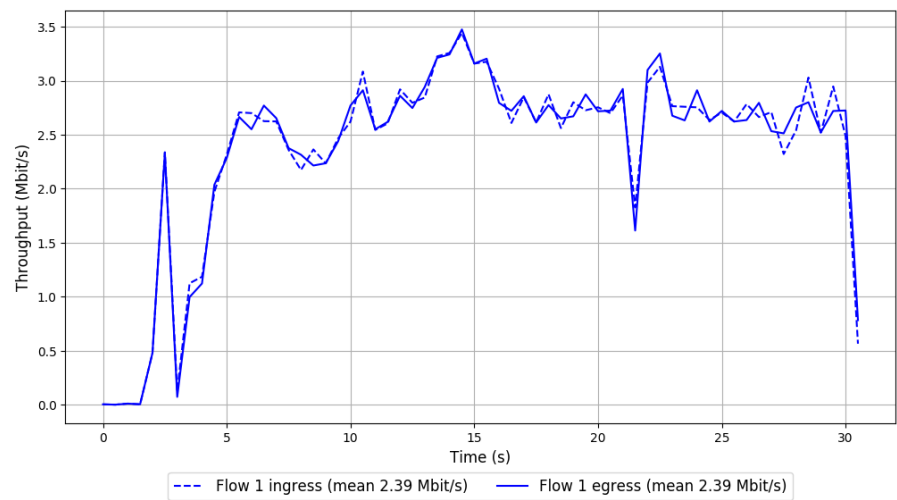


Run 4: Statistics of WebRTC media

Start at: 2017-09-03 05:37:11
End at: 2017-09-03 05:37:41
Local clock offset: 0.765 ms
Remote clock offset: -3.111 ms

Below is generated by plot.py at 2017-09-03 08:30:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.39 Mbit/s
95th percentile per-packet one-way delay: 49.418 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.39 Mbit/s
95th percentile per-packet one-way delay: 49.418 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link

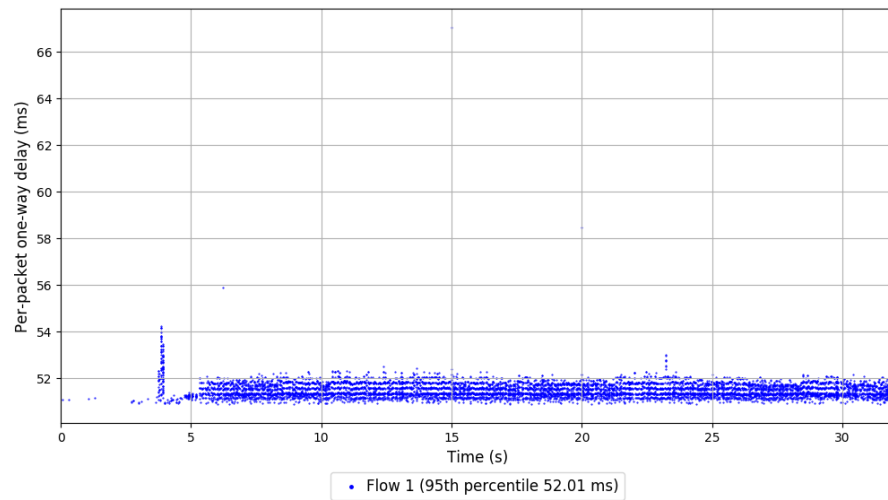
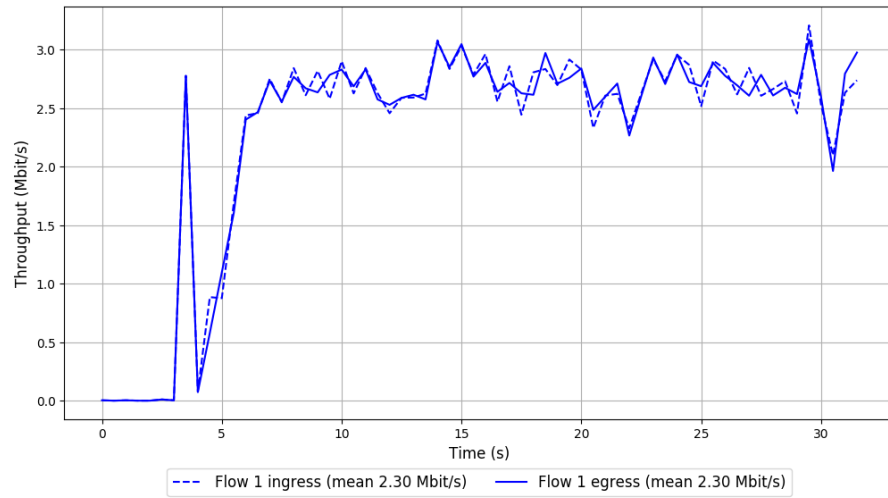


Run 5: Statistics of WebRTC media

Start at: 2017-09-03 05:58:07
End at: 2017-09-03 05:58:37
Local clock offset: 0.864 ms
Remote clock offset: -0.955 ms

Below is generated by plot.py at 2017-09-03 08:30:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 52.009 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 52.009 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

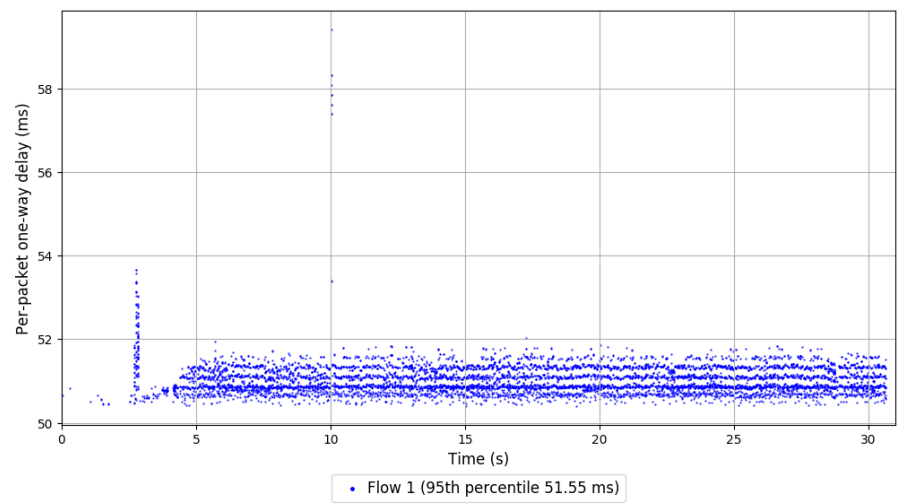
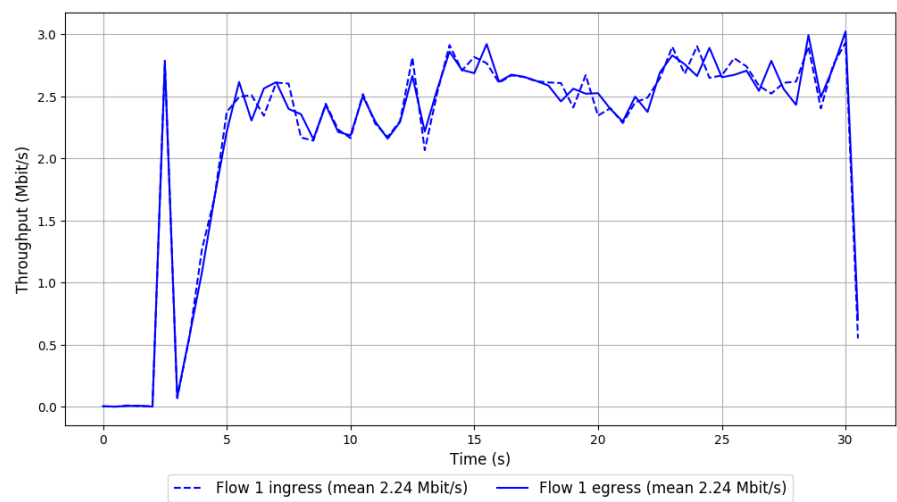


Run 6: Statistics of WebRTC media

Start at: 2017-09-03 06:18:23
End at: 2017-09-03 06:18:53
Local clock offset: 1.01 ms
Remote clock offset: -1.537 ms

Below is generated by plot.py at 2017-09-03 08:30:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.24 Mbit/s
95th percentile per-packet one-way delay: 51.552 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.24 Mbit/s
95th percentile per-packet one-way delay: 51.552 ms
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: 2017-09-03 06:38:31

End at: 2017-09-03 06:39:01

Local clock offset: 1.015 ms

Remote clock offset: -3.81 ms

Below is generated by plot.py at 2017-09-03 08:30:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.30 Mbit/s

95th percentile per-packet one-way delay: 49.402 ms

Loss rate: 0.00%

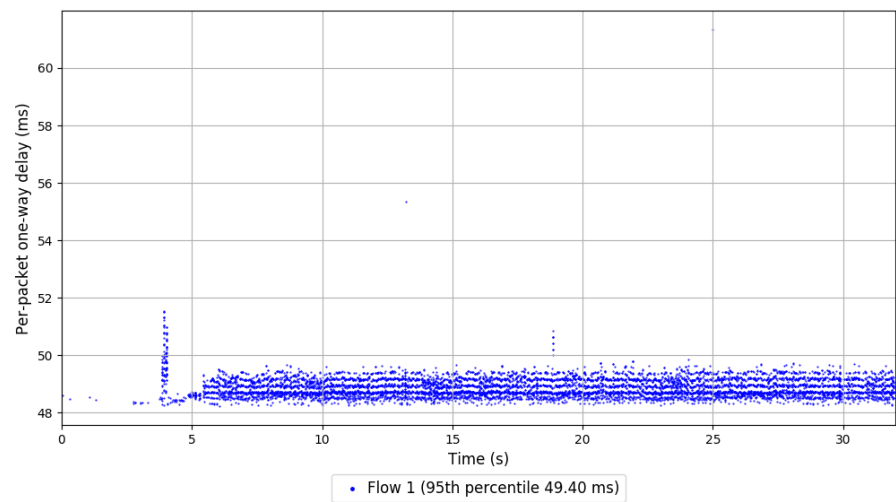
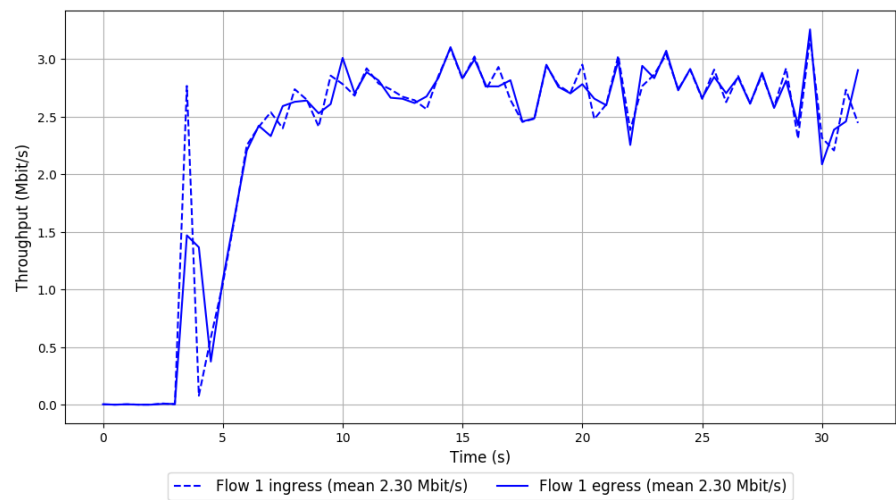
-- Flow 1:

Average throughput: 2.30 Mbit/s

95th percentile per-packet one-way delay: 49.402 ms

Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

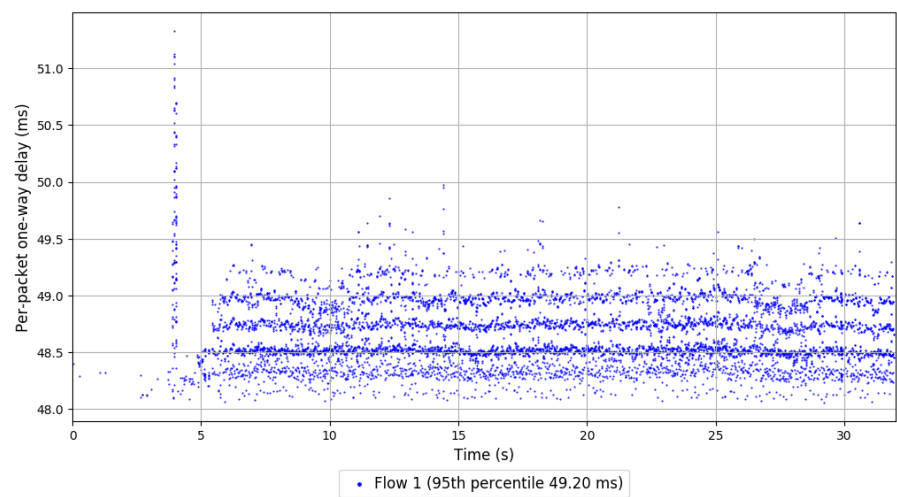
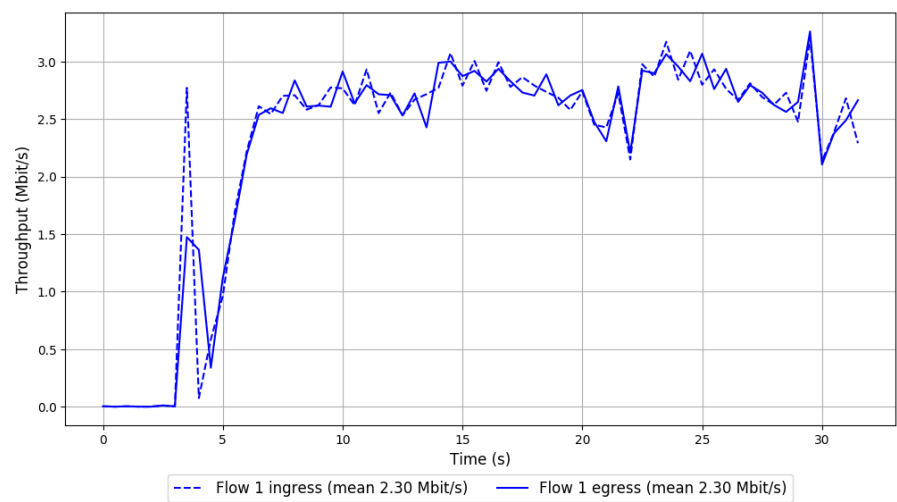


Run 8: Statistics of WebRTC media

Start at: 2017-09-03 06:58:51
End at: 2017-09-03 06:59:21
Local clock offset: 0.961 ms
Remote clock offset: -3.583 ms

Below is generated by plot.py at 2017-09-03 08:30:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 49.199 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 49.199 ms
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

Start at: 2017-09-03 07:19:02

End at: 2017-09-03 07:19:32

Local clock offset: 0.718 ms

Remote clock offset: -3.34 ms

Below is generated by plot.py at 2017-09-03 08:30:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.30 Mbit/s

95th percentile per-packet one-way delay: 49.348 ms

Loss rate: 0.00%

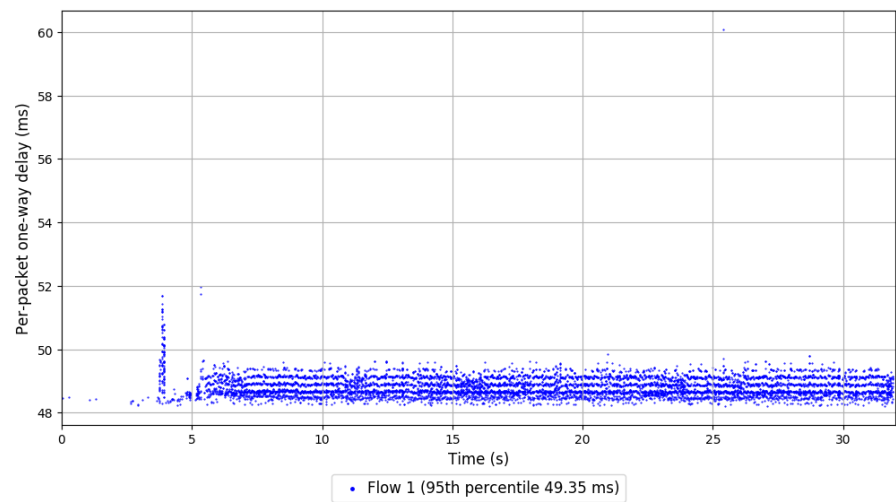
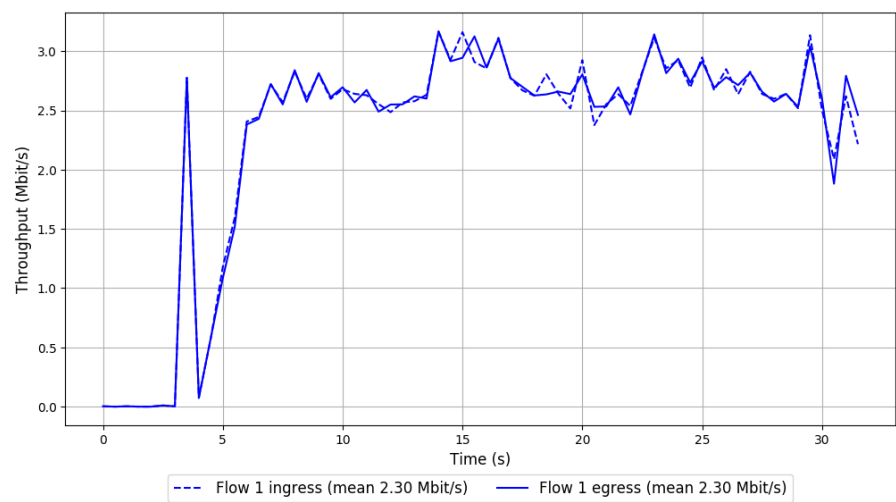
-- Flow 1:

Average throughput: 2.30 Mbit/s

95th percentile per-packet one-way delay: 49.348 ms

Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2017-09-03 07:39:15

End at: 2017-09-03 07:39:45

Local clock offset: 0.446 ms

Remote clock offset: -3.014 ms

Below is generated by plot.py at 2017-09-03 08:30:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.31 Mbit/s

95th percentile per-packet one-way delay: 49.278 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.31 Mbit/s

95th percentile per-packet one-way delay: 49.278 ms

Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

