

Pantheon Report

Generated at 2017-09-03 11:48:30 (UTC).

Data path: AWS Korea Ethernet (*local*) → China 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).

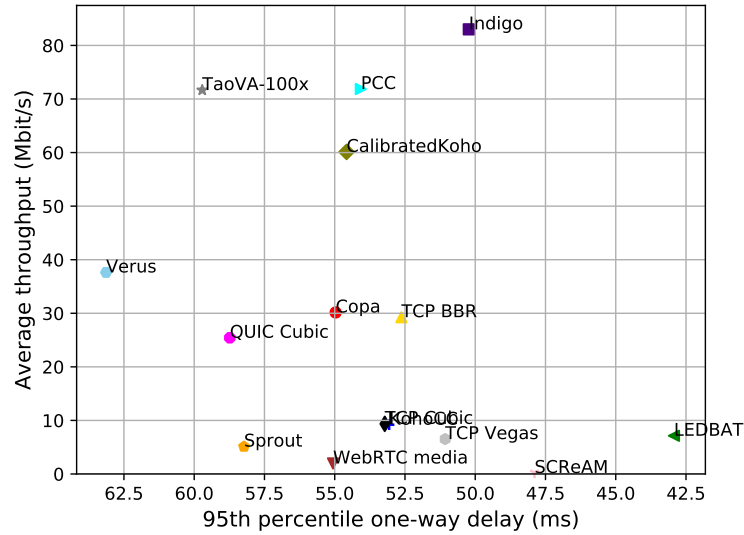
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

NTP offsets were measured against `ntp.nict.jp` and have been applied to correct the timestamps in logs.

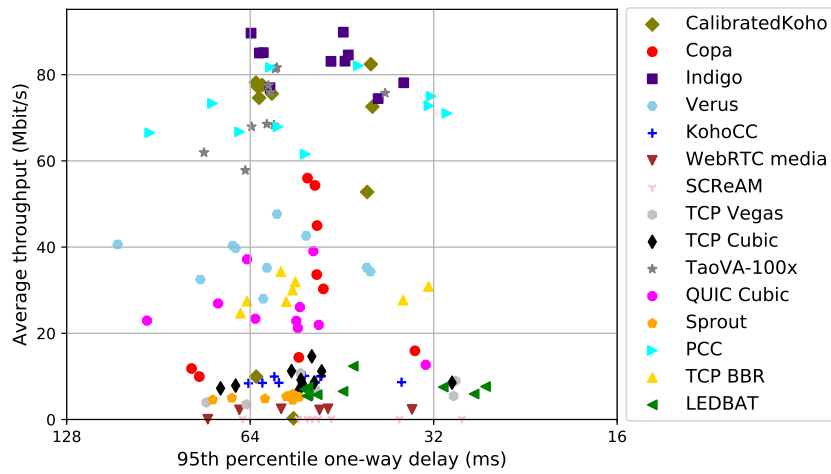
Git summary:

```
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 Korea Ethernet to China Ethernet, 10 runs of 30s each per scheme
(mean of all runs by scheme)



test from AWS Korea Ethernet to China Ethernet, 10 runs of 30s each per scheme



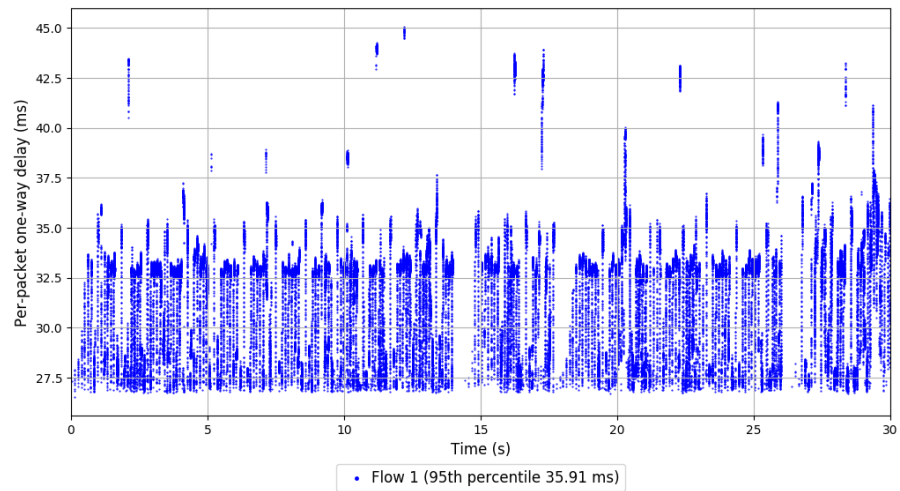
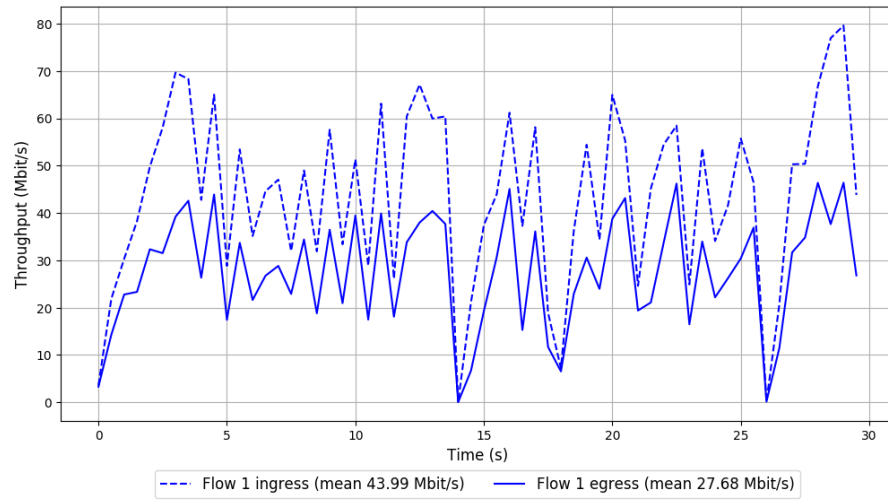
scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	8	29.27	52.63	30.90
CalibratedKoho	10	60.12	54.58	2.08
Copa	9	30.15	54.97	0.04
TCP Cubic	10	9.36	53.22	0.63
Indigo	10	83.00	50.23	5.02
KohoCC	9	9.20	53.07	0.09
LEDBAT	10	7.13	42.93	0.25
PCC	10	71.87	54.07	1.58
QUIC Cubic	10	25.43	58.73	0.17
SCReAM	8	0.20	47.89	0.15
Sprout	10	5.12	58.23	2.90
TaoVA-100x	10	71.67	59.71	2.12
TCP Vegas	8	6.52	51.07	0.56
Verus	10	37.62	63.14	65.98
WebRTC media	6	1.96	55.06	0.05

Run 1: Statistics of TCP BBR

Start at: 2017-09-03 08:27:20
End at: 2017-09-03 08:27:50
Local clock offset: 18.585 ms
Remote clock offset: -2.808 ms

Below is generated by plot.py at 2017-09-03 11:41:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 27.68 Mbit/s
95th percentile per-packet one-way delay: 35.910 ms
Loss rate: 37.06%
-- Flow 1:
Average throughput: 27.68 Mbit/s
95th percentile per-packet one-way delay: 35.910 ms
Loss rate: 37.06%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

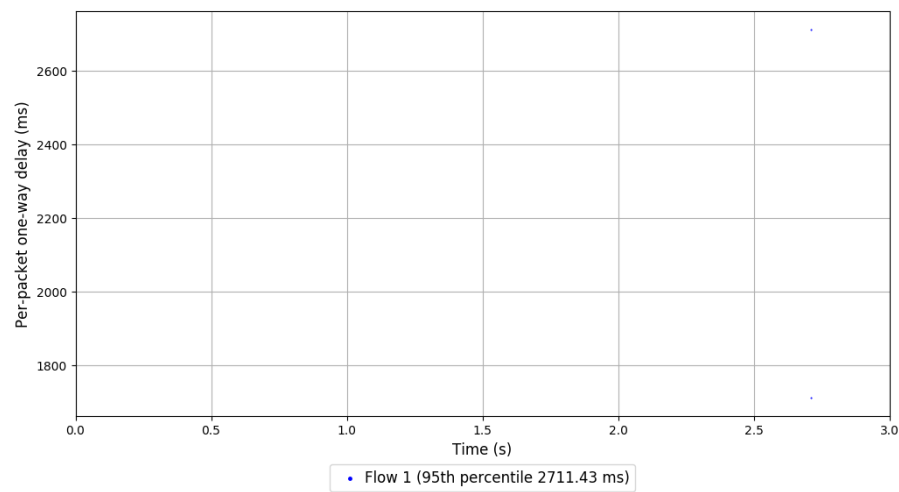
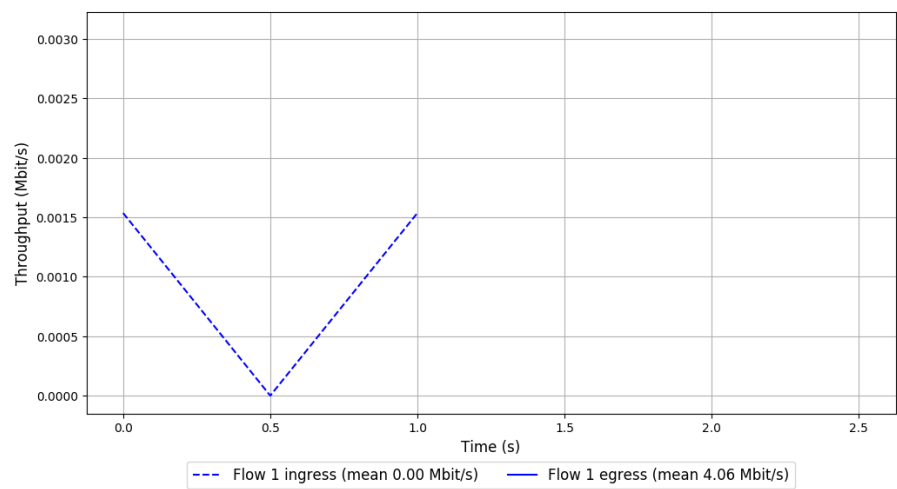
Start at: 2017-09-03 08:45:40

End at: 2017-09-03 08:46:10

Local clock offset: -1.14 ms

Remote clock offset: -2.635 ms

Run 2: Report of TCP BBR — Data Link

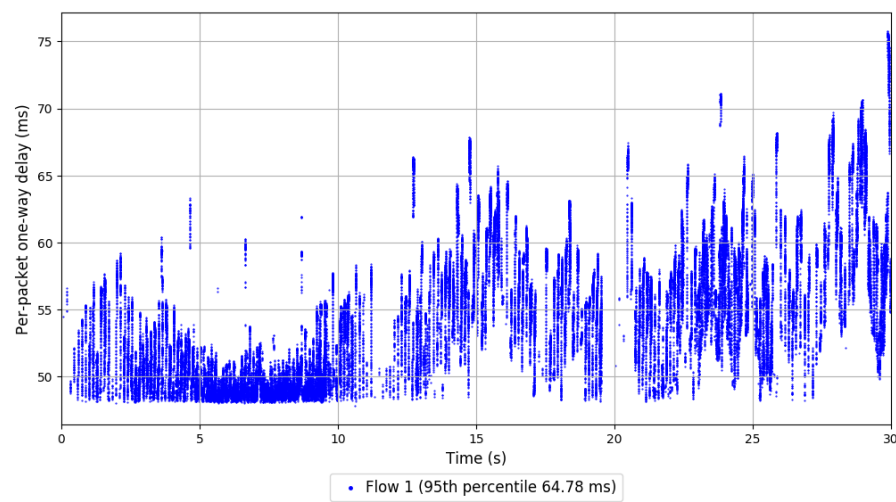
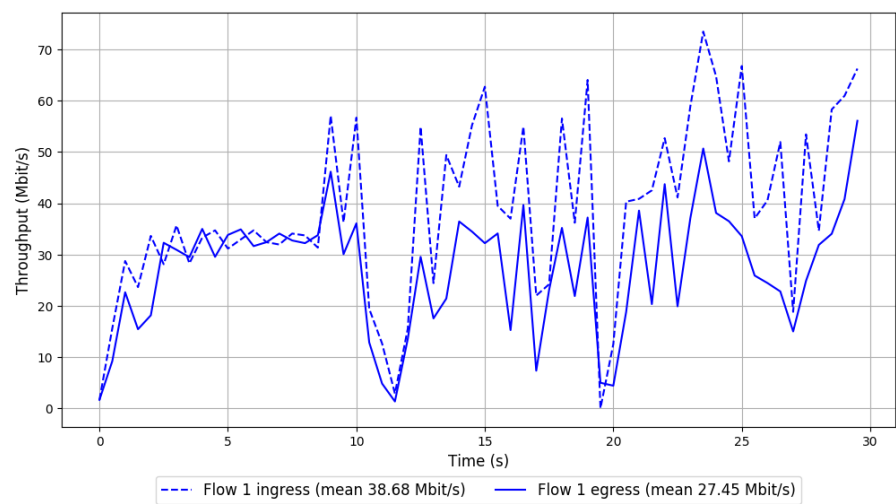


Run 3: Statistics of TCP BBR

Start at: 2017-09-03 09:03:47
End at: 2017-09-03 09:04:17
Local clock offset: -2.485 ms
Remote clock offset: -2.134 ms

Below is generated by plot.py at 2017-09-03 11:41:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 27.45 Mbit/s
95th percentile per-packet one-way delay: 64.778 ms
Loss rate: 29.03%
-- Flow 1:
Average throughput: 27.45 Mbit/s
95th percentile per-packet one-way delay: 64.778 ms
Loss rate: 29.03%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2017-09-03 09:21:58

End at: 2017-09-03 09:22:28

Local clock offset: 19.5 ms

Remote clock offset: -2.115 ms

Below is generated by plot.py at 2017-09-03 11:41:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.64 Mbit/s

95th percentile per-packet one-way delay: 66.366 ms

Loss rate: 31.47%

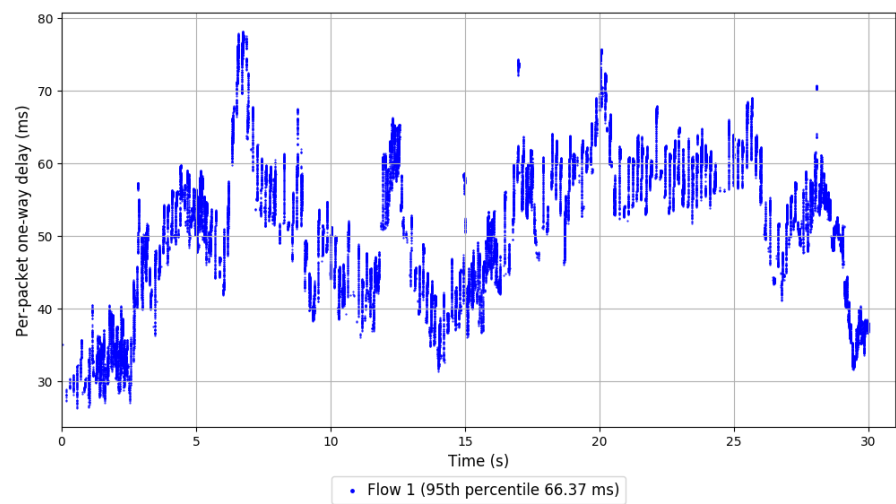
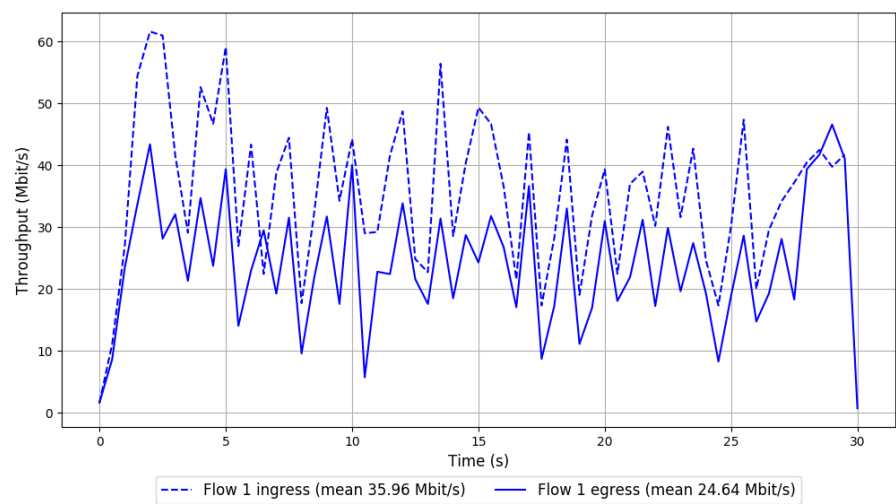
-- Flow 1:

Average throughput: 24.64 Mbit/s

95th percentile per-packet one-way delay: 66.366 ms

Loss rate: 31.47%

Run 4: Report of TCP BBR — Data Link

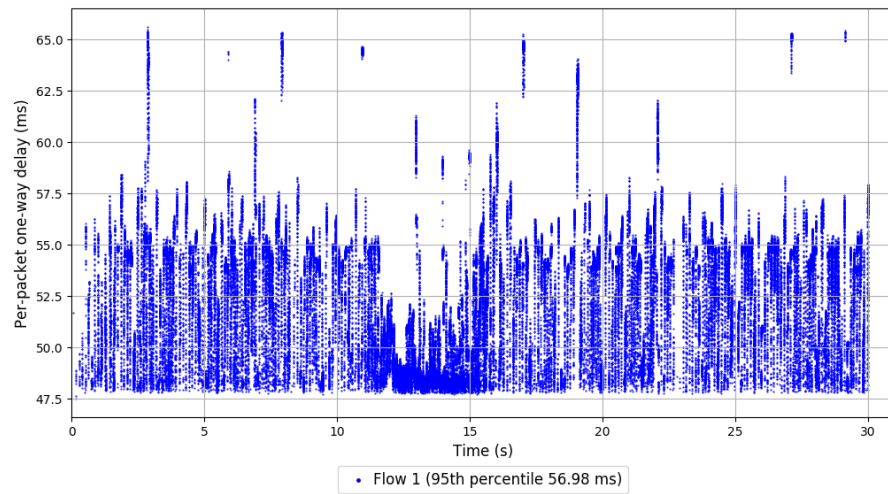
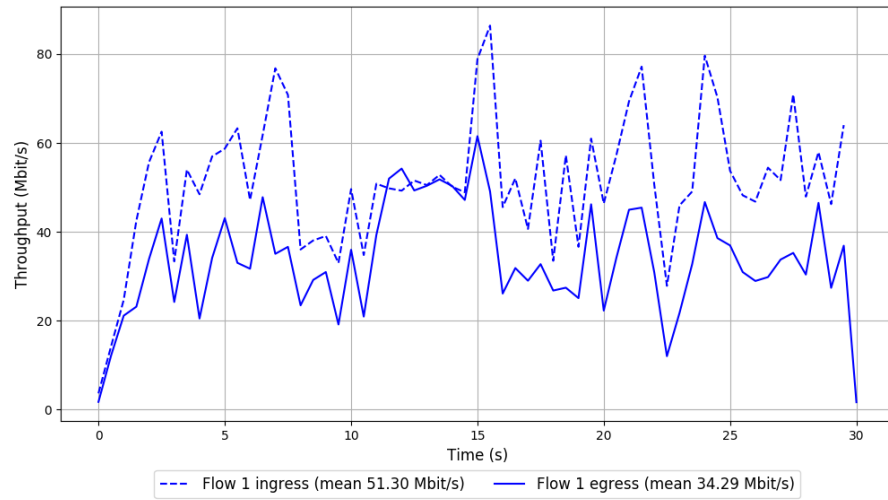


Run 5: Statistics of TCP BBR

Start at: 2017-09-03 09:40:10
End at: 2017-09-03 09:40:40
Local clock offset: -2.725 ms
Remote clock offset: -2.146 ms

Below is generated by plot.py at 2017-09-03 11:41:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 34.29 Mbit/s
95th percentile per-packet one-way delay: 56.978 ms
Loss rate: 33.15%
-- Flow 1:
Average throughput: 34.29 Mbit/s
95th percentile per-packet one-way delay: 56.978 ms
Loss rate: 33.15%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

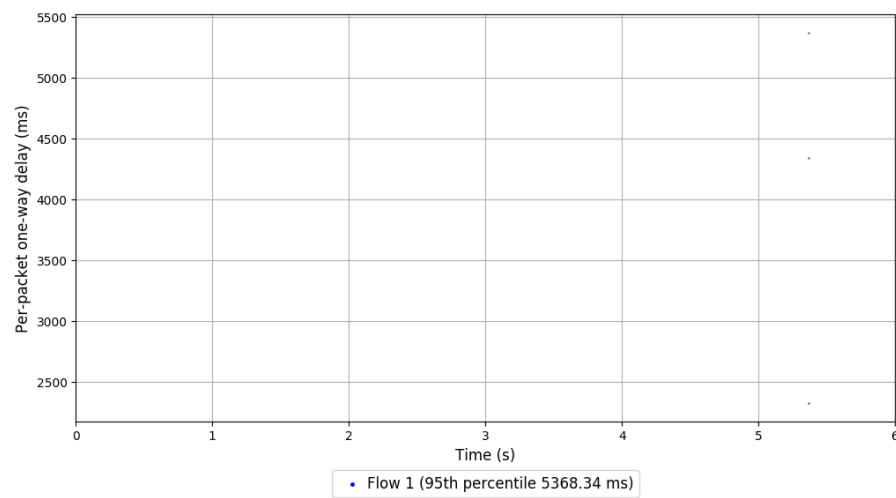
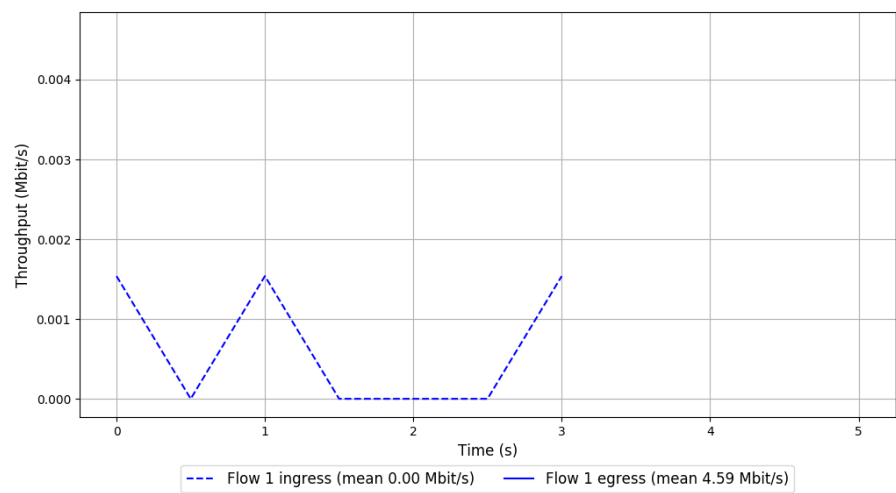
Start at: 2017-09-03 09:58:33

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

Local clock offset: -3.073 ms

Remote clock offset: -2.204 ms

Run 6: Report of TCP BBR — Data Link

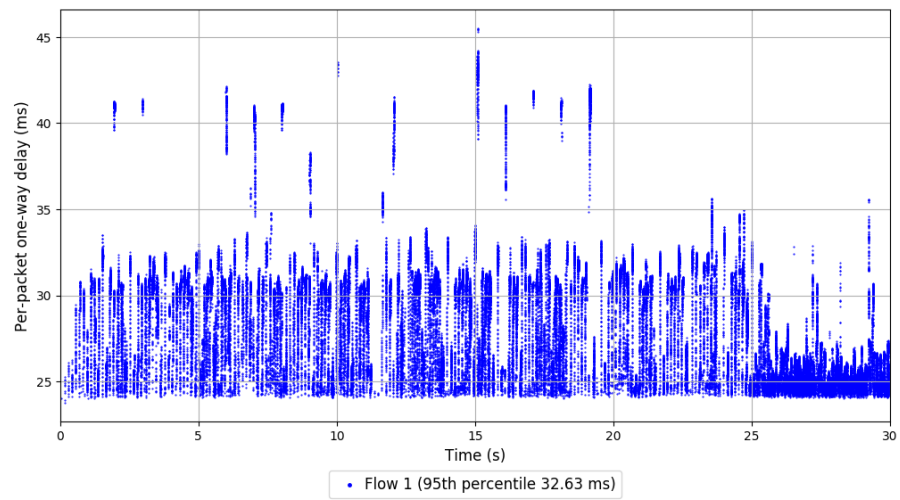
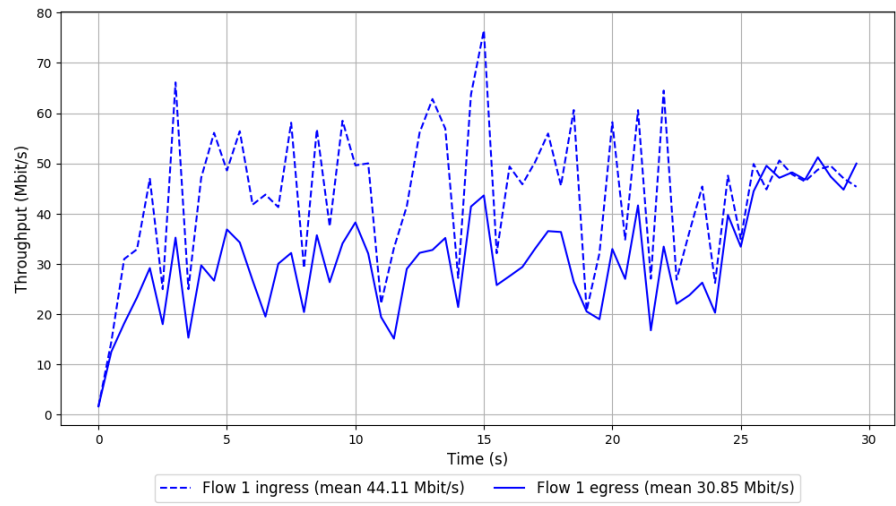


Run 7: Statistics of TCP BBR

Start at: 2017-09-03 10:16:46
End at: 2017-09-03 10:17:16
Local clock offset: 20.371 ms
Remote clock offset: -2.431 ms

Below is generated by plot.py at 2017-09-03 11:41:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 30.85 Mbit/s
95th percentile per-packet one-way delay: 32.634 ms
Loss rate: 30.08%
-- Flow 1:
Average throughput: 30.85 Mbit/s
95th percentile per-packet one-way delay: 32.634 ms
Loss rate: 30.08%

Run 7: Report of TCP BBR — Data Link

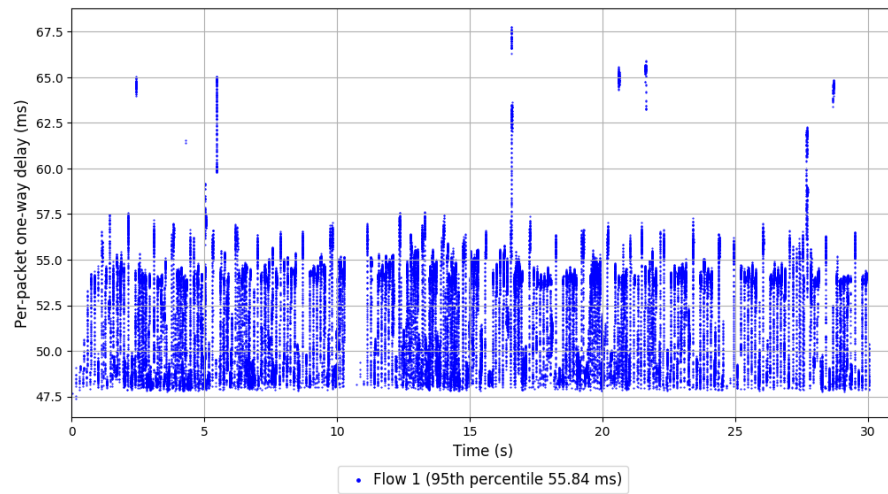
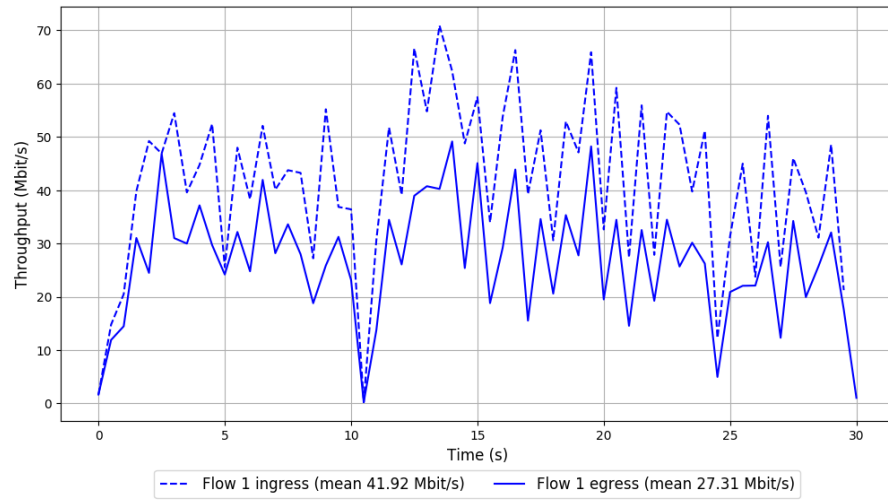


Run 8: Statistics of TCP BBR

Start at: 2017-09-03 10:35:00
End at: 2017-09-03 10:35:30
Local clock offset: -3.298 ms
Remote clock offset: -2.315 ms

Below is generated by plot.py at 2017-09-03 11:41:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 27.31 Mbit/s
95th percentile per-packet one-way delay: 55.839 ms
Loss rate: 34.84%
-- Flow 1:
Average throughput: 27.31 Mbit/s
95th percentile per-packet one-way delay: 55.839 ms
Loss rate: 34.84%

Run 8: Report of TCP BBR — Data Link

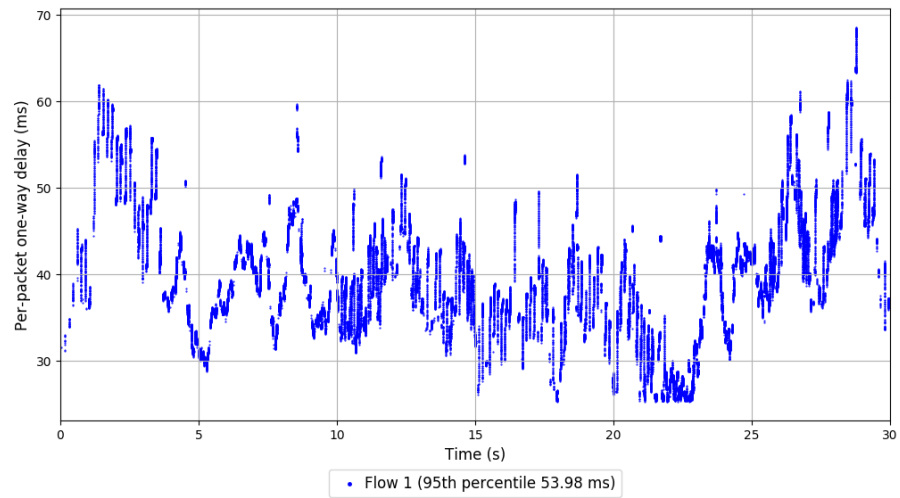
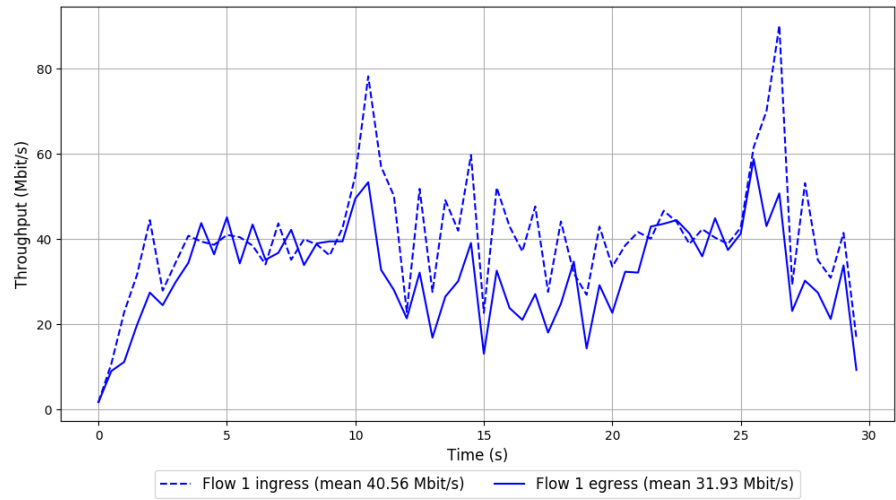


Run 9: Statistics of TCP BBR

Start at: 2017-09-03 10:53:12
End at: 2017-09-03 10:53:42
Local clock offset: 19.242 ms
Remote clock offset: -2.313 ms

Below is generated by plot.py at 2017-09-03 11:41:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 31.93 Mbit/s
95th percentile per-packet one-way delay: 53.976 ms
Loss rate: 21.27%
-- Flow 1:
Average throughput: 31.93 Mbit/s
95th percentile per-packet one-way delay: 53.976 ms
Loss rate: 21.27%

Run 9: Report of TCP BBR — Data Link

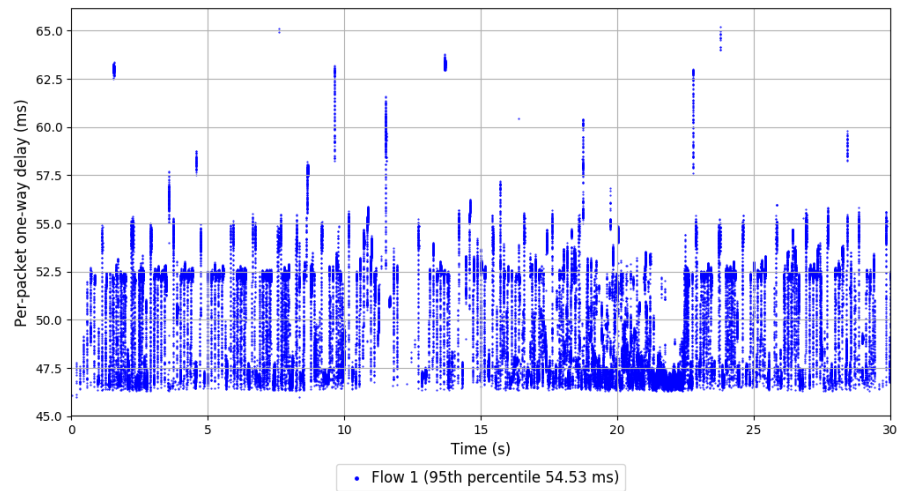
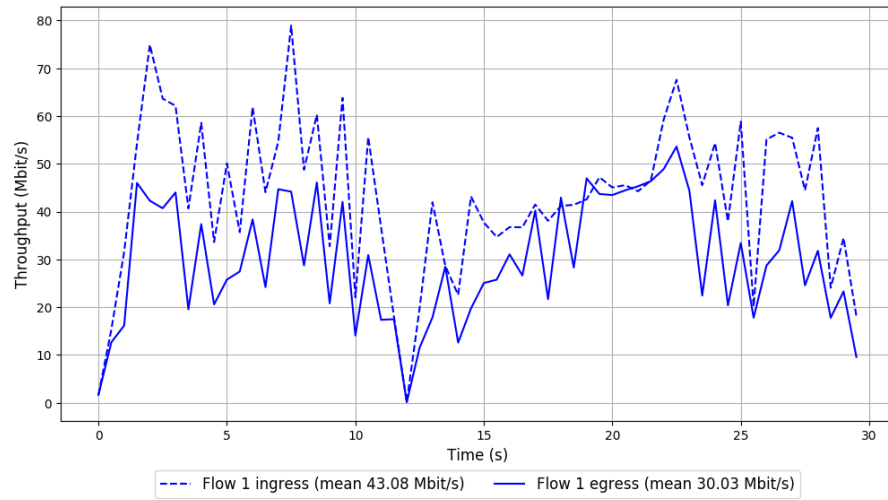


Run 10: Statistics of TCP BBR

Start at: 2017-09-03 11:11:26
End at: 2017-09-03 11:11:56
Local clock offset: -1.499 ms
Remote clock offset: -2.409 ms

Below is generated by plot.py at 2017-09-03 11:41:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 30.03 Mbit/s
95th percentile per-packet one-way delay: 54.532 ms
Loss rate: 30.29%
-- Flow 1:
Average throughput: 30.03 Mbit/s
95th percentile per-packet one-way delay: 54.532 ms
Loss rate: 30.29%

Run 10: Report of TCP BBR — Data Link

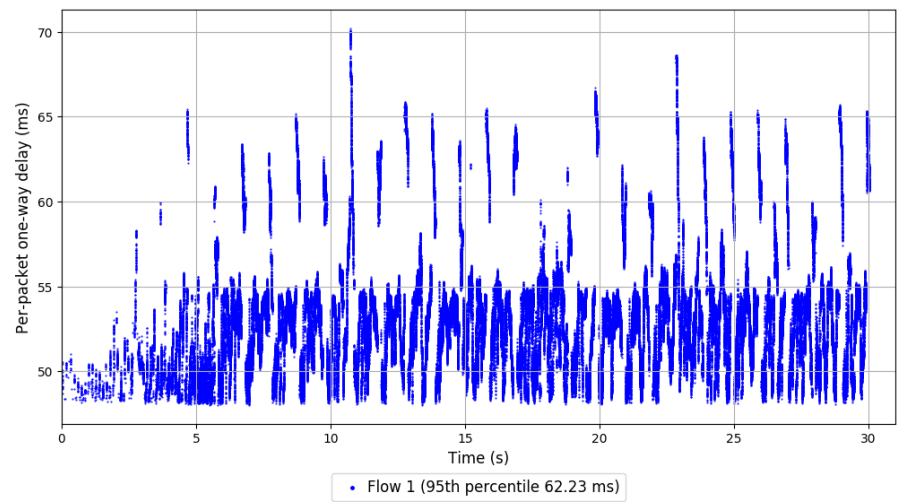
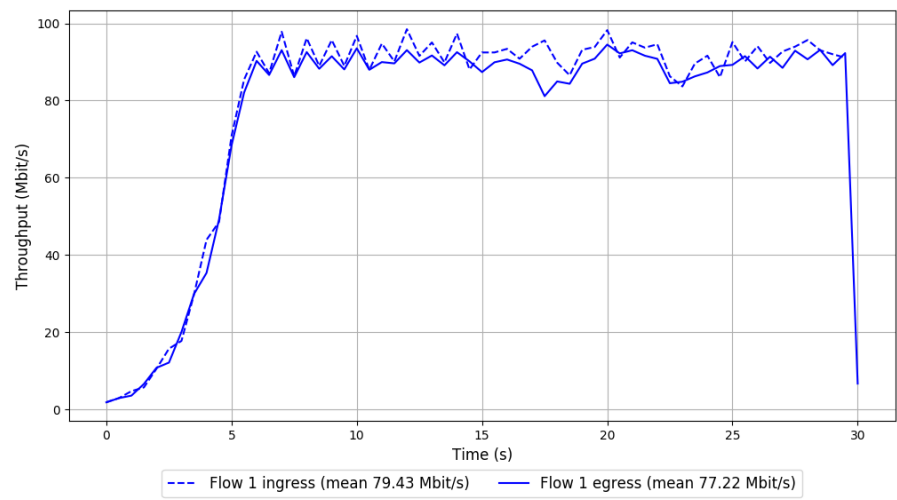


Run 1: Statistics of CalibratedKoho

Start at: 2017-09-03 08:38:17
End at: 2017-09-03 08:38:47
Local clock offset: -2.474 ms
Remote clock offset: -2.686 ms

Below is generated by plot.py at 2017-09-03 11:41:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.22 Mbit/s
95th percentile per-packet one-way delay: 62.231 ms
Loss rate: 2.74%
-- Flow 1:
Average throughput: 77.22 Mbit/s
95th percentile per-packet one-way delay: 62.231 ms
Loss rate: 2.74%

Run 1: Report of CalibratedKoho — Data Link



Run 2: Statistics of CalibratedKoho

Start at: 2017-09-03 08:56:30

End at: 2017-09-03 08:57:00

Local clock offset: -2.486 ms

Remote clock offset: -2.27 ms

Below is generated by plot.py at 2017-09-03 11:41:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 74.62 Mbit/s

95th percentile per-packet one-way delay: 61.885 ms

Loss rate: 1.28%

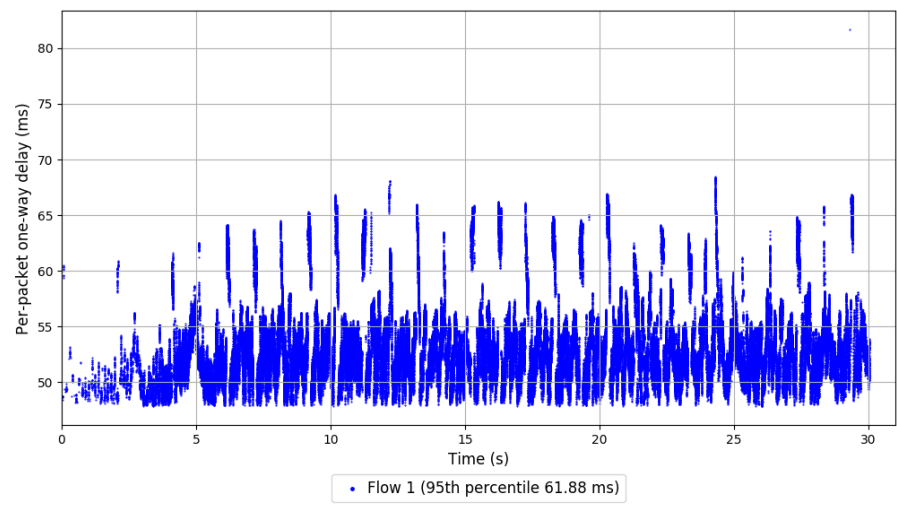
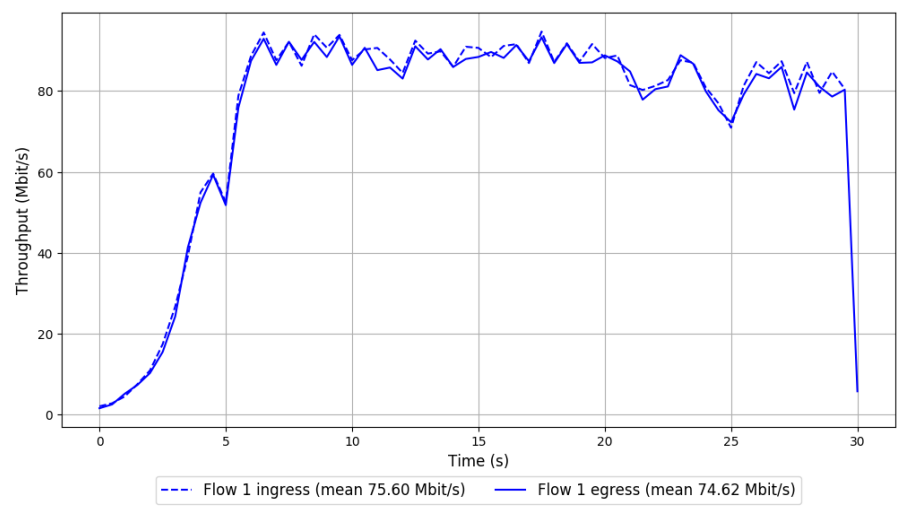
-- Flow 1:

Average throughput: 74.62 Mbit/s

95th percentile per-packet one-way delay: 61.885 ms

Loss rate: 1.28%

Run 2: Report of CalibratedKoho — Data Link

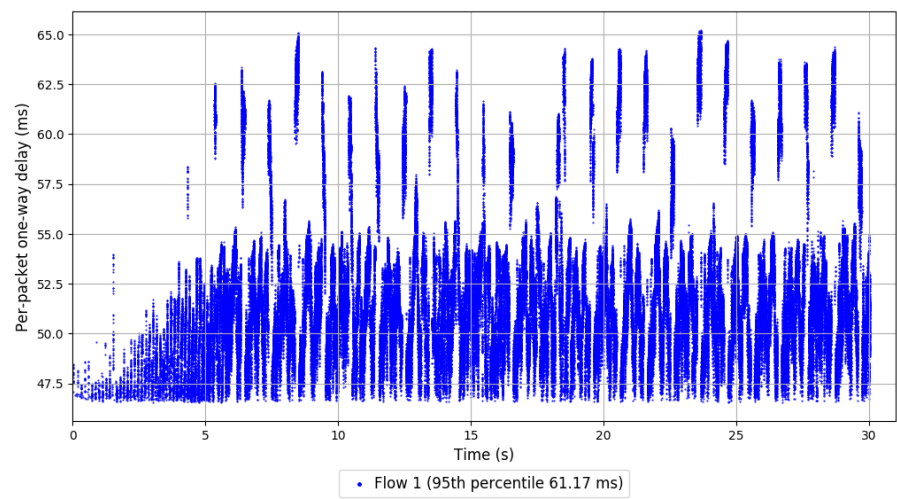
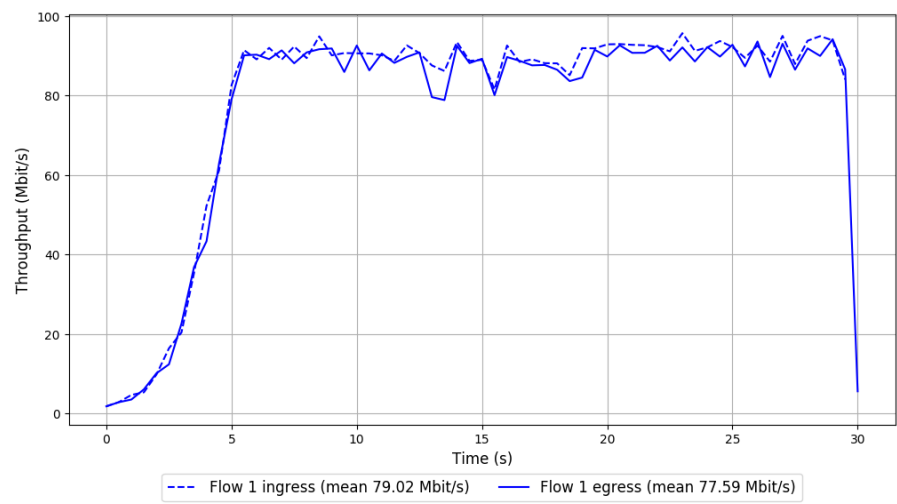


Run 3: Statistics of CalibratedKoho

Start at: 2017-09-03 09:14:41
End at: 2017-09-03 09:15:11
Local clock offset: -1.024 ms
Remote clock offset: -2.078 ms

Below is generated by plot.py at 2017-09-03 11:42:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.59 Mbit/s
95th percentile per-packet one-way delay: 61.170 ms
Loss rate: 1.79%
-- Flow 1:
Average throughput: 77.59 Mbit/s
95th percentile per-packet one-way delay: 61.170 ms
Loss rate: 1.79%

Run 3: Report of CalibratedKoho — Data Link

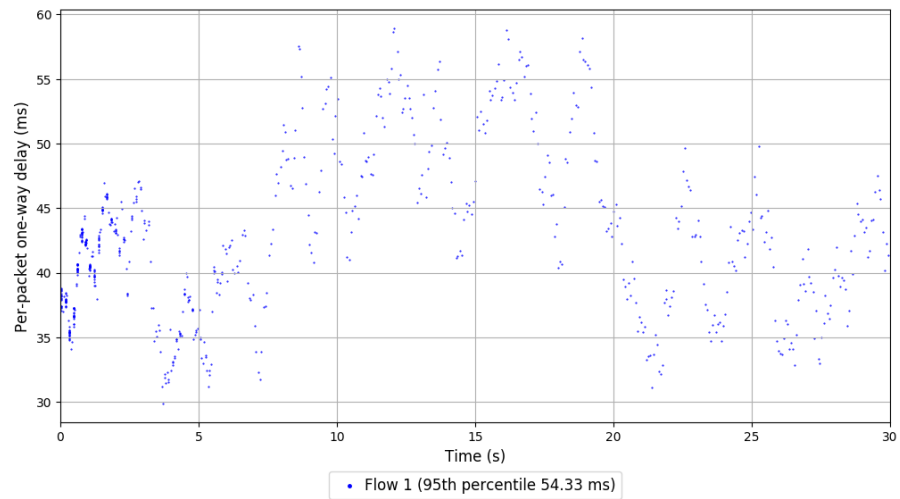
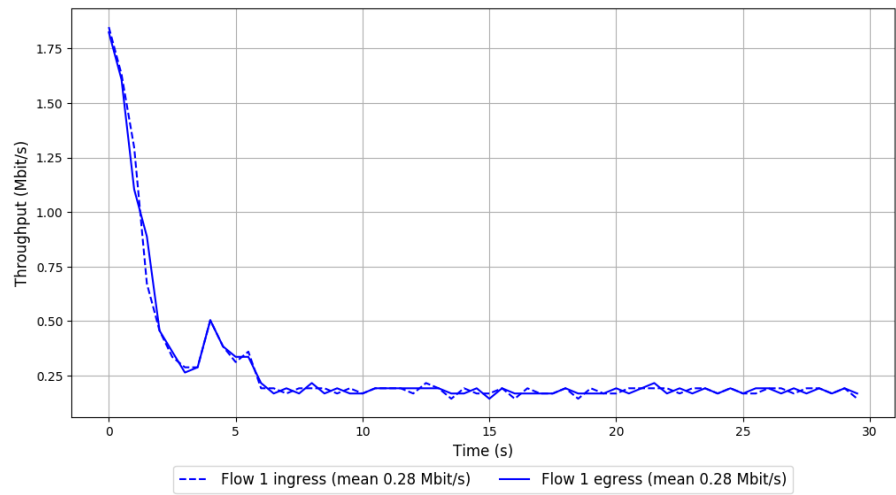


Run 4: Statistics of CalibratedKoho

Start at: 2017-09-03 09:32:53
End at: 2017-09-03 09:33:23
Local clock offset: 20.213 ms
Remote clock offset: -2.041 ms

Below is generated by plot.py at 2017-09-03 11:42:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.28 Mbit/s
95th percentile per-packet one-way delay: 54.331 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.28 Mbit/s
95th percentile per-packet one-way delay: 54.331 ms
Loss rate: 0.00%

Run 4: Report of CalibratedKoho — Data Link

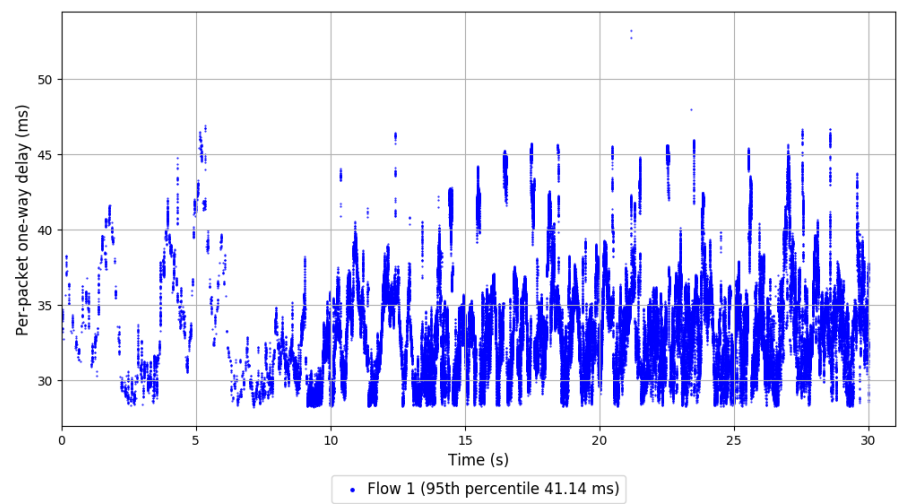
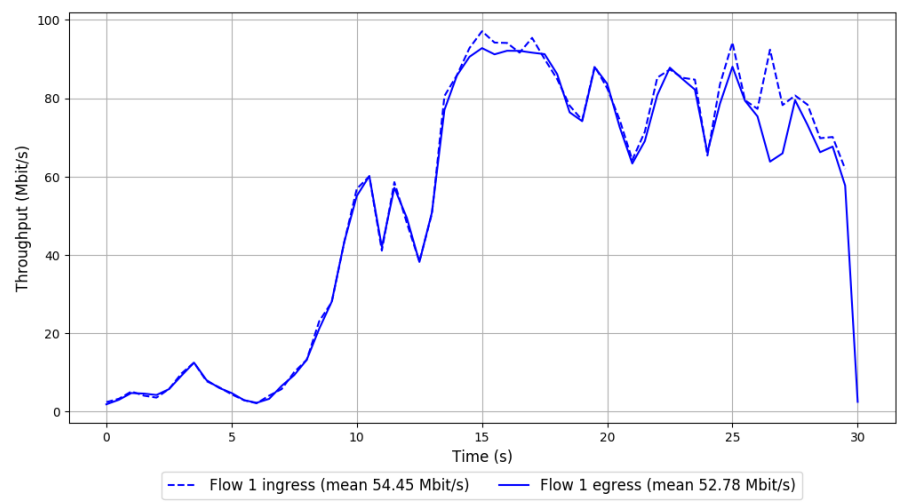


Run 5: Statistics of CalibratedKoho

Start at: 2017-09-03 09:51:13
End at: 2017-09-03 09:51:43
Local clock offset: 16.773 ms
Remote clock offset: -2.222 ms

Below is generated by plot.py at 2017-09-03 11:42:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 52.78 Mbit/s
95th percentile per-packet one-way delay: 41.143 ms
Loss rate: 3.05%
-- Flow 1:
Average throughput: 52.78 Mbit/s
95th percentile per-packet one-way delay: 41.143 ms
Loss rate: 3.05%

Run 5: Report of CalibratedKoho — Data Link



Run 6: Statistics of CalibratedKoho

Start at: 2017-09-03 10:09:26

End at: 2017-09-03 10:09:56

Local clock offset: 0.145 ms

Remote clock offset: -2.27 ms

Below is generated by plot.py at 2017-09-03 11:42:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.60 Mbit/s

95th percentile per-packet one-way delay: 58.965 ms

Loss rate: 3.40%

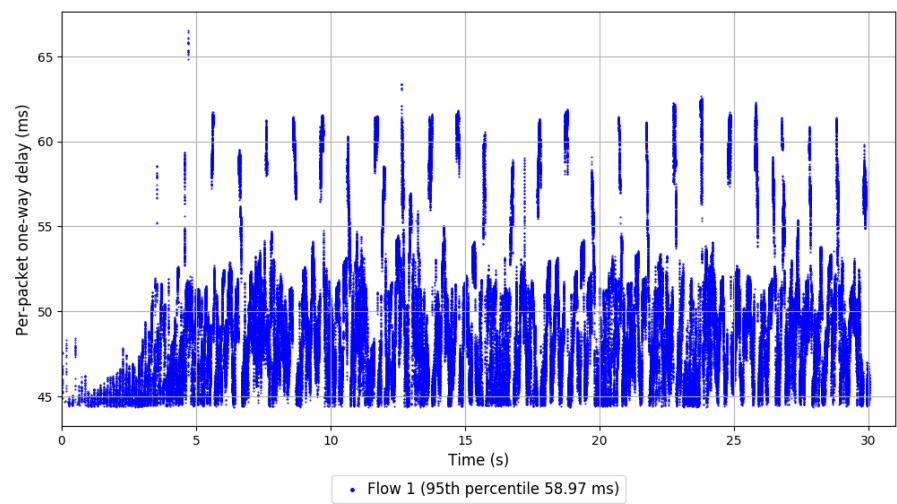
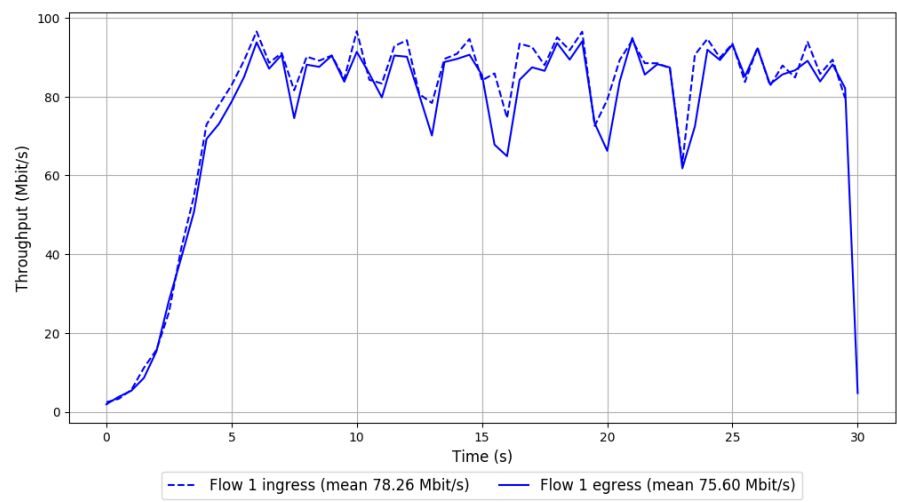
-- Flow 1:

Average throughput: 75.60 Mbit/s

95th percentile per-packet one-way delay: 58.965 ms

Loss rate: 3.40%

Run 6: Report of CalibratedKoho — Data Link

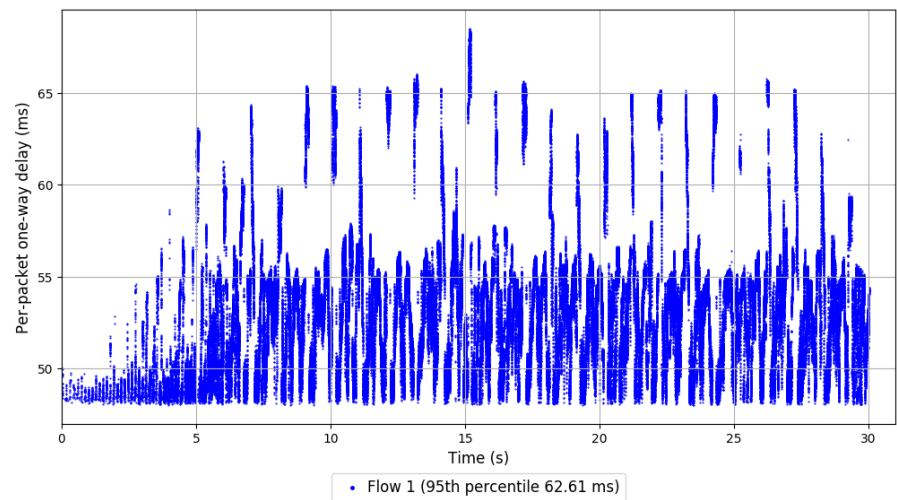
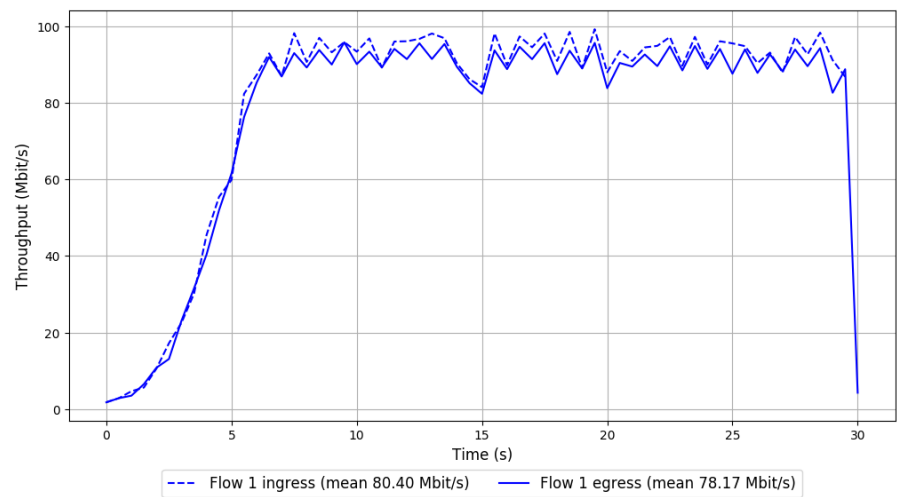


Run 7: Statistics of CalibratedKoho

Start at: 2017-09-03 10:27:42
End at: 2017-09-03 10:28:12
Local clock offset: -3.233 ms
Remote clock offset: -2.309 ms

Below is generated by plot.py at 2017-09-03 11:42:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.17 Mbit/s
95th percentile per-packet one-way delay: 62.614 ms
Loss rate: 2.75%
-- Flow 1:
Average throughput: 78.17 Mbit/s
95th percentile per-packet one-way delay: 62.614 ms
Loss rate: 2.75%

Run 7: Report of CalibratedKoho — Data Link

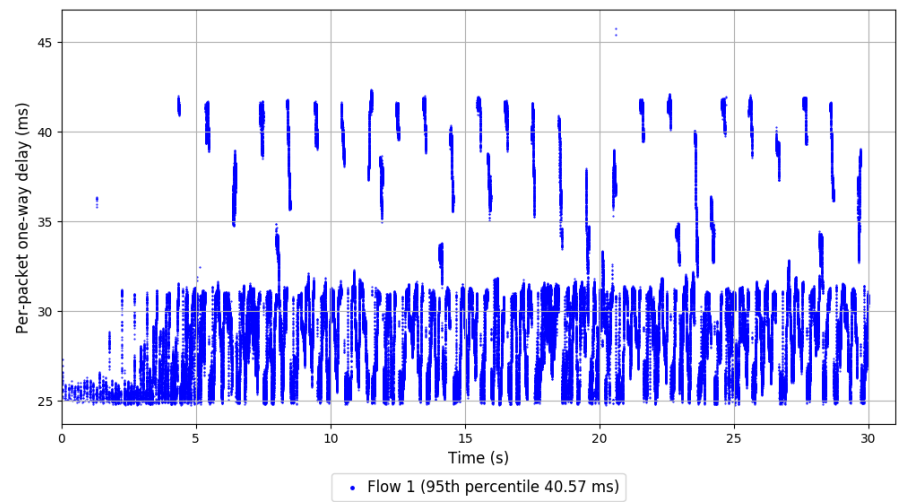
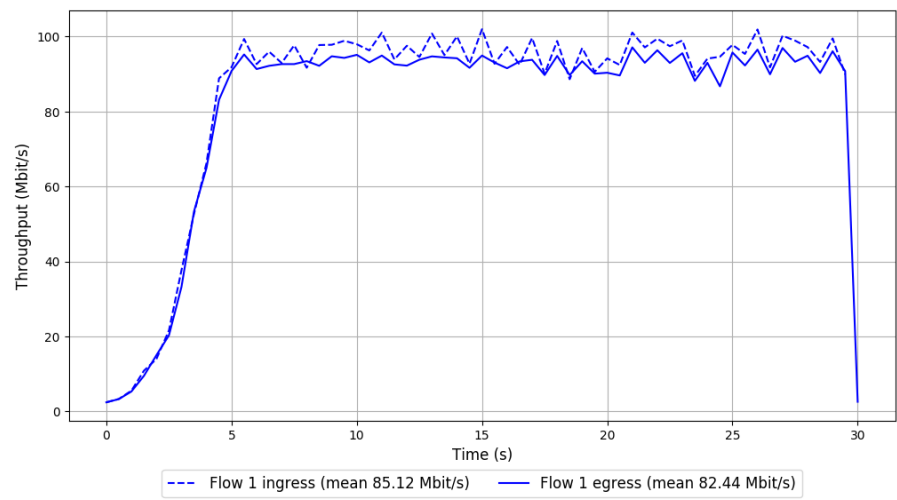


Run 8: Statistics of CalibratedKoho

Start at: 2017-09-03 10:45:55
End at: 2017-09-03 10:46:25
Local clock offset: 19.716 ms
Remote clock offset: -2.312 ms

Below is generated by plot.py at 2017-09-03 11:42:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.44 Mbit/s
95th percentile per-packet one-way delay: 40.567 ms
Loss rate: 3.13%
-- Flow 1:
Average throughput: 82.44 Mbit/s
95th percentile per-packet one-way delay: 40.567 ms
Loss rate: 3.13%

Run 8: Report of CalibratedKoho — Data Link

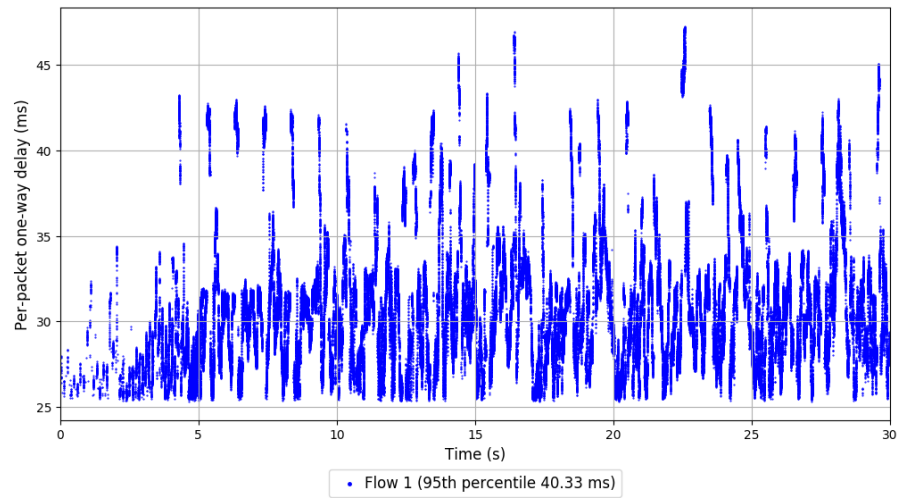
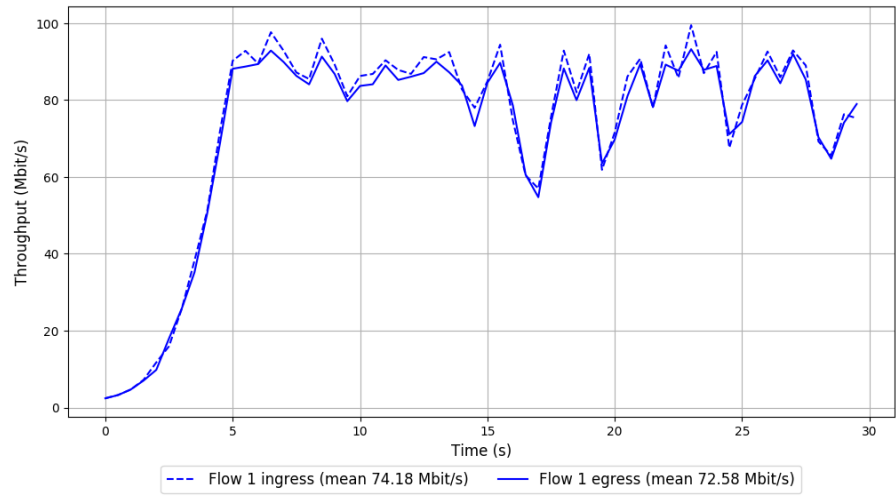


Run 9: Statistics of CalibratedKoho

Start at: 2017-09-03 11:04:06
End at: 2017-09-03 11:04:36
Local clock offset: 19.413 ms
Remote clock offset: -2.309 ms

Below is generated by plot.py at 2017-09-03 11:42:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 72.58 Mbit/s
95th percentile per-packet one-way delay: 40.327 ms
Loss rate: 2.16%
-- Flow 1:
Average throughput: 72.58 Mbit/s
95th percentile per-packet one-way delay: 40.327 ms
Loss rate: 2.16%

Run 9: Report of CalibratedKoho — Data Link

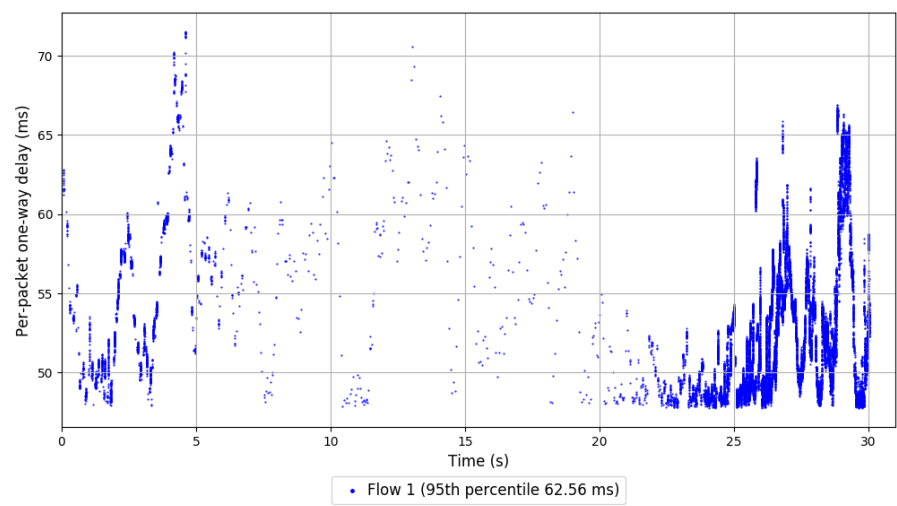
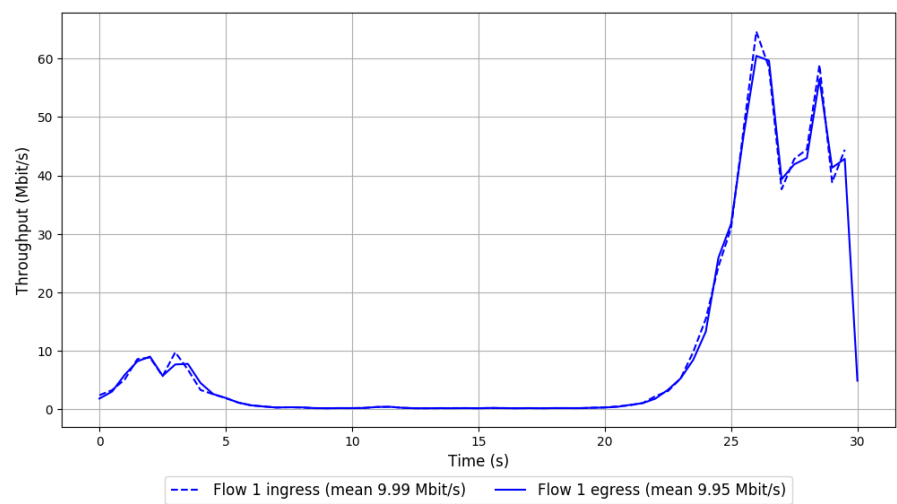


Run 10: Statistics of CalibratedKoho

Start at: 2017-09-03 11:22:27
End at: 2017-09-03 11:22:57
Local clock offset: -2.688 ms
Remote clock offset: -2.258 ms

Below is generated by plot.py at 2017-09-03 11:42:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.95 Mbit/s
95th percentile per-packet one-way delay: 62.559 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 9.95 Mbit/s
95th percentile per-packet one-way delay: 62.559 ms
Loss rate: 0.48%

Run 10: Report of CalibratedKoho — Data Link



Run 1: Statistics of Copa

Start at: 2017-09-03 08:33:19

End at: 2017-09-03 08:33:49

Local clock offset: -2.308 ms

Remote clock offset: -2.71 ms

Below is generated by plot.py at 2017-09-03 11:42:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 44.99 Mbit/s

95th percentile per-packet one-way delay: 49.711 ms

Loss rate: 0.08%

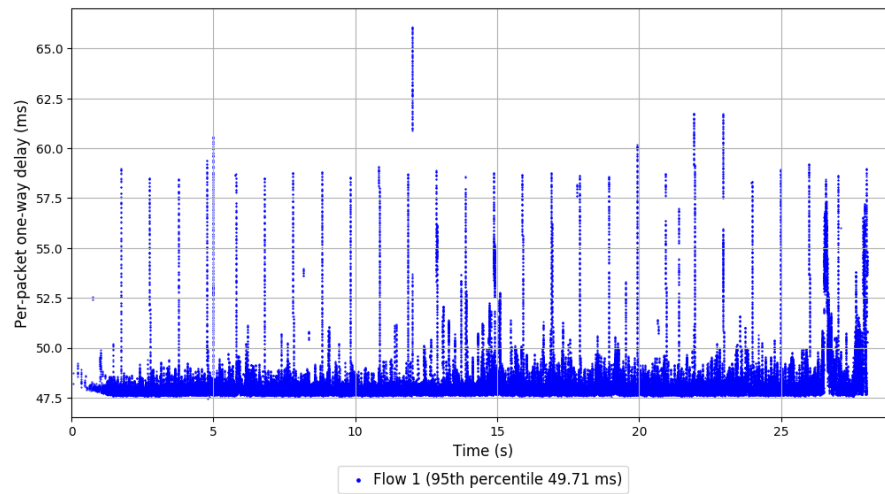
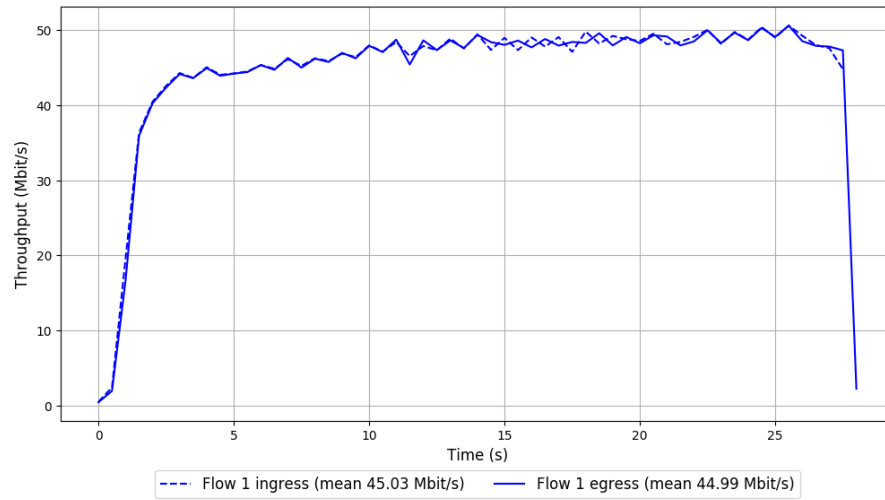
-- Flow 1:

Average throughput: 44.99 Mbit/s

95th percentile per-packet one-way delay: 49.711 ms

Loss rate: 0.08%

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

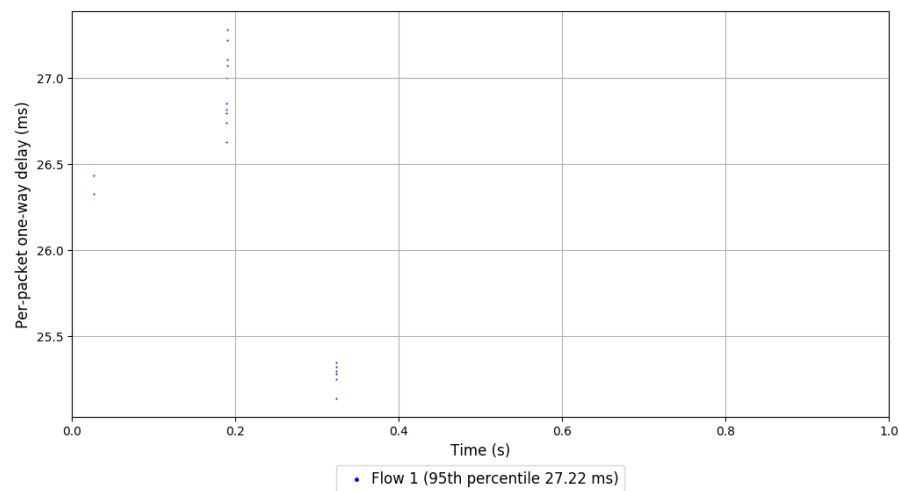
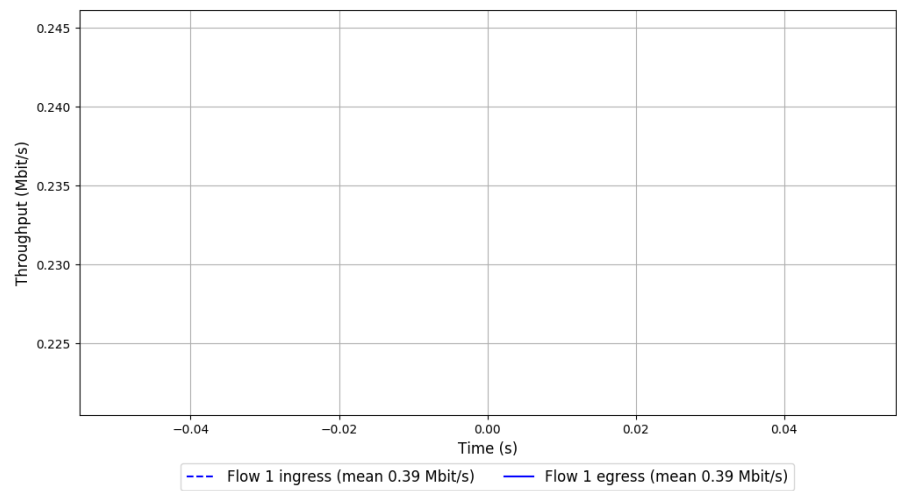
Start at: 2017-09-03 08:51:38

End at: 2017-09-03 08:52:08

Local clock offset: 20.834 ms

Remote clock offset: -2.451 ms

Run 2: Report of Copa — Data Link

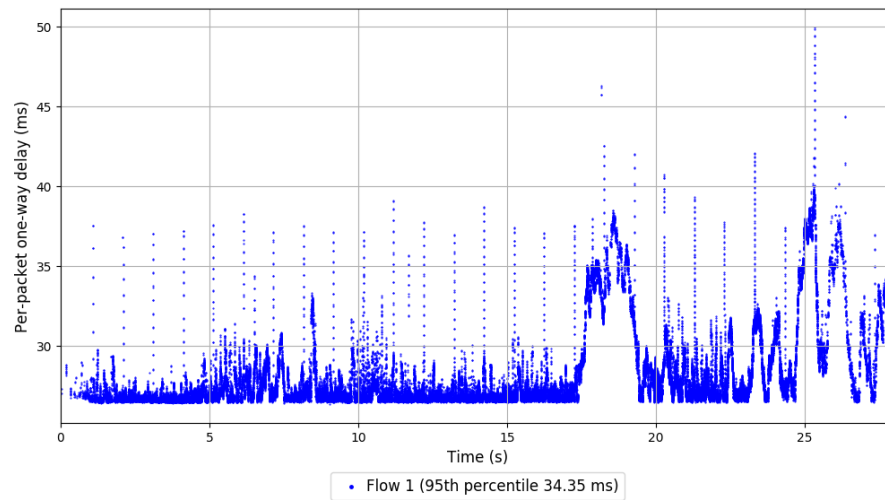
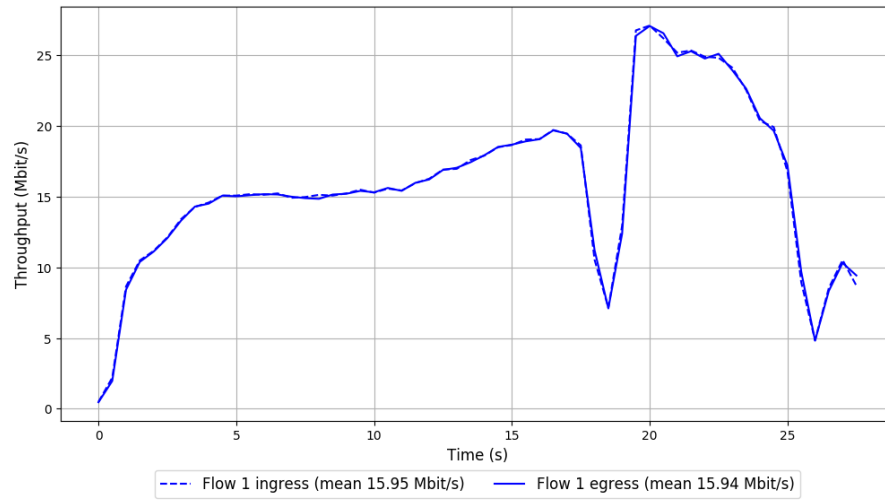


Run 3: Statistics of Copa

Start at: 2017-09-03 09:09:46
End at: 2017-09-03 09:10:16
Local clock offset: 19.08 ms
Remote clock offset: -2.087 ms

Below is generated by plot.py at 2017-09-03 11:42:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.94 Mbit/s
95th percentile per-packet one-way delay: 34.350 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 15.94 Mbit/s
95th percentile per-packet one-way delay: 34.350 ms
Loss rate: 0.06%

Run 3: Report of Copa — Data Link

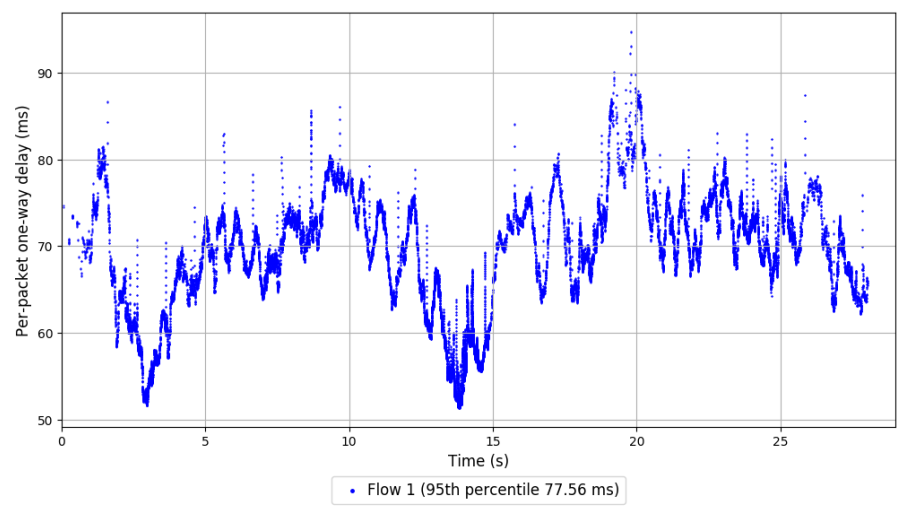
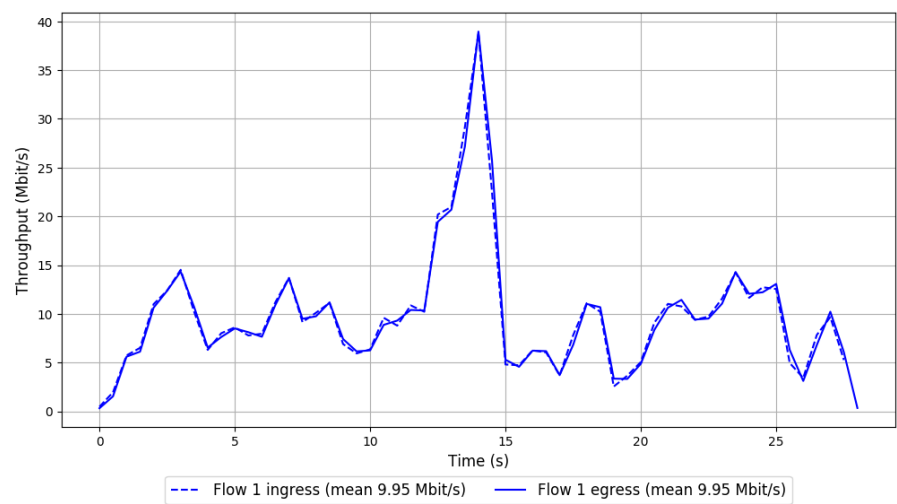


Run 4: Statistics of Copa

Start at: 2017-09-03 09:27:59
End at: 2017-09-03 09:28:29
Local clock offset: -2.435 ms
Remote clock offset: -1.927 ms

Below is generated by plot.py at 2017-09-03 11:42:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.95 Mbit/s
95th percentile per-packet one-way delay: 77.563 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 9.95 Mbit/s
95th percentile per-packet one-way delay: 77.563 ms
Loss rate: 0.03%

Run 4: Report of Copa — Data Link

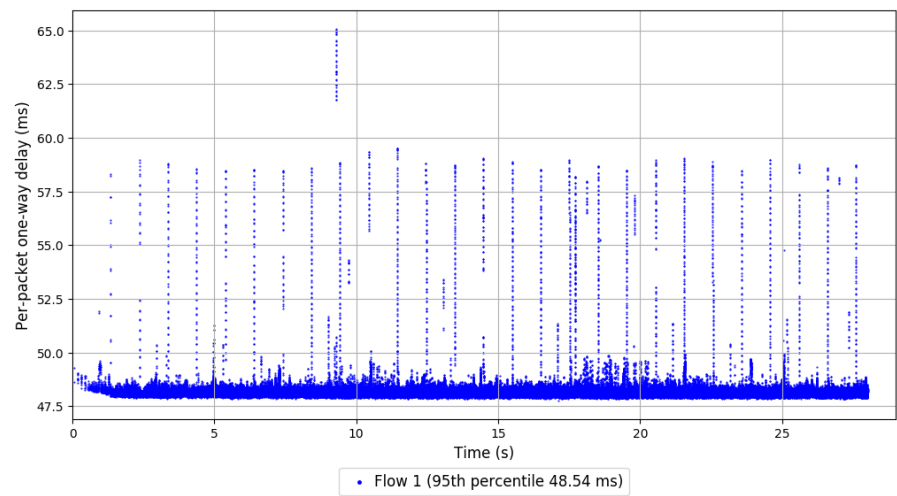
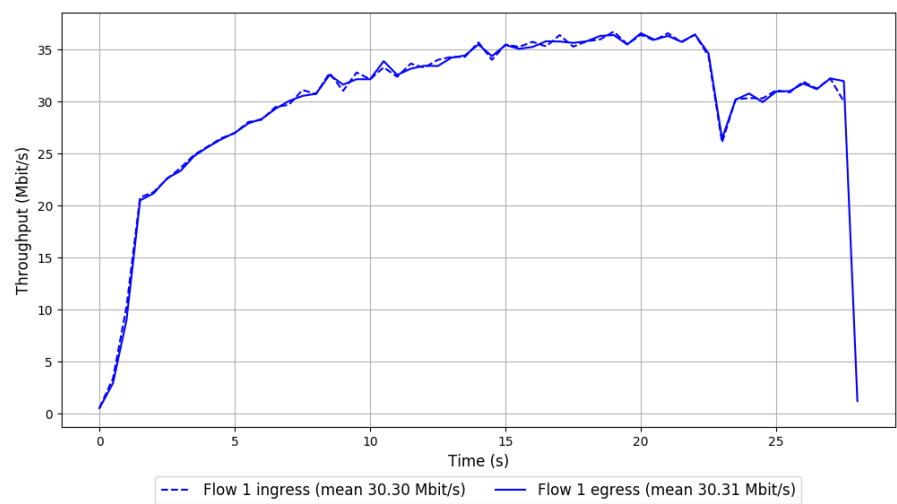


Run 5: Statistics of Copa

Start at: 2017-09-03 09:46:09
End at: 2017-09-03 09:46:39
Local clock offset: -2.77 ms
Remote clock offset: -2.171 ms

Below is generated by plot.py at 2017-09-03 11:42:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 30.31 Mbit/s
95th percentile per-packet one-way delay: 48.544 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 30.31 Mbit/s
95th percentile per-packet one-way delay: 48.544 ms
Loss rate: 0.01%

Run 5: Report of Copa — Data Link

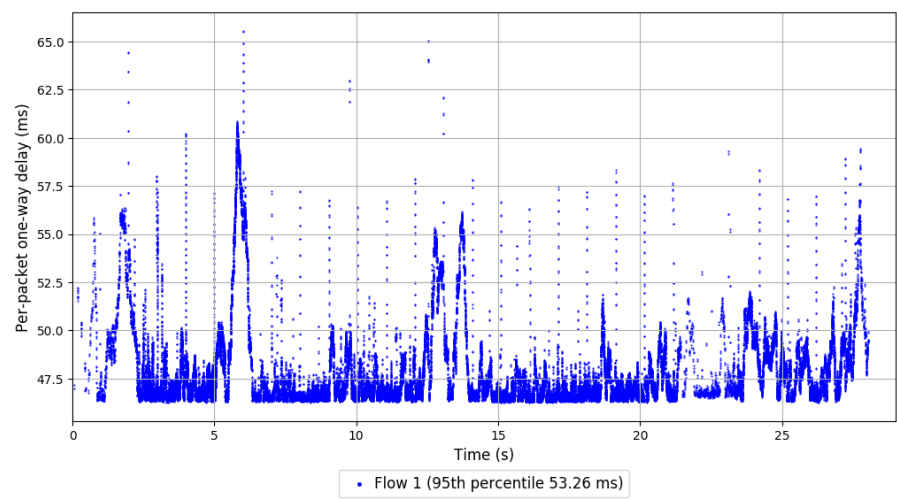
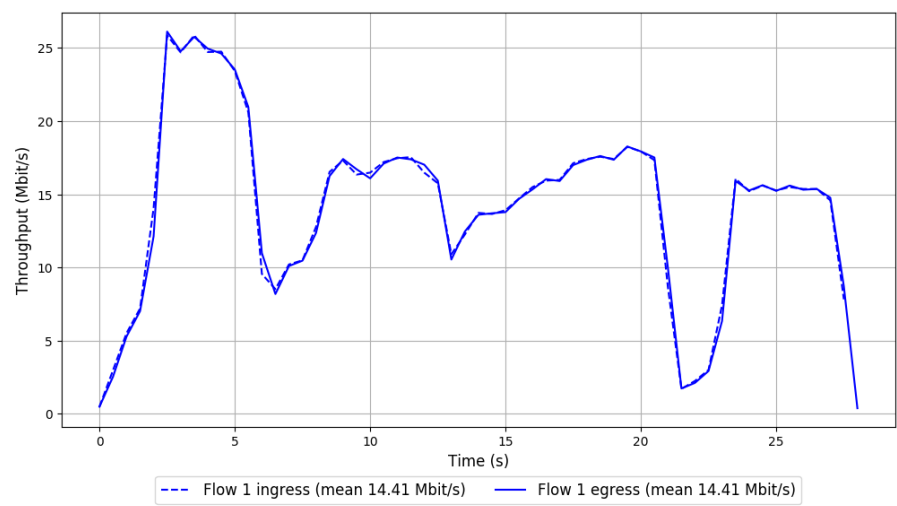


Run 6: Statistics of Copa

Start at: 2017-09-03 10:04:30
End at: 2017-09-03 10:05:00
Local clock offset: -1.711 ms
Remote clock offset: -2.216 ms

Below is generated by plot.py at 2017-09-03 11:42:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 14.41 Mbit/s
95th percentile per-packet one-way delay: 53.259 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 14.41 Mbit/s
95th percentile per-packet one-way delay: 53.259 ms
Loss rate: 0.02%

Run 6: Report of Copa — Data Link

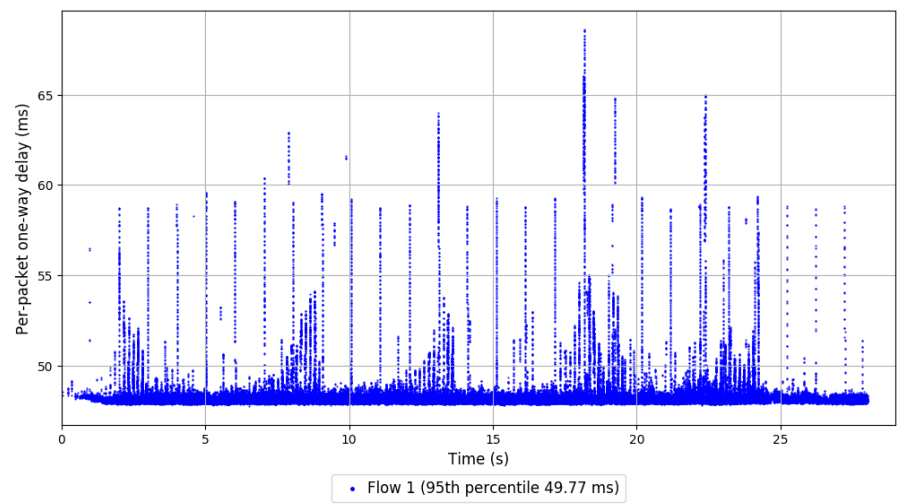
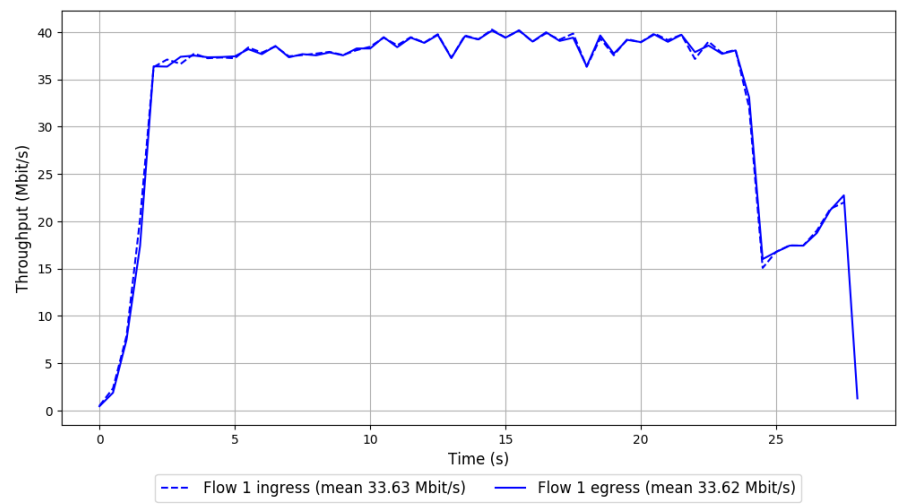


Run 7: Statistics of Copa

Start at: 2017-09-03 10:22:48
End at: 2017-09-03 10:23:18
Local clock offset: -3.206 ms
Remote clock offset: -2.447 ms

Below is generated by plot.py at 2017-09-03 11:42:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 33.62 Mbit/s
95th percentile per-packet one-way delay: 49.773 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 33.62 Mbit/s
95th percentile per-packet one-way delay: 49.773 ms
Loss rate: 0.06%

Run 7: Report of Copa — Data Link

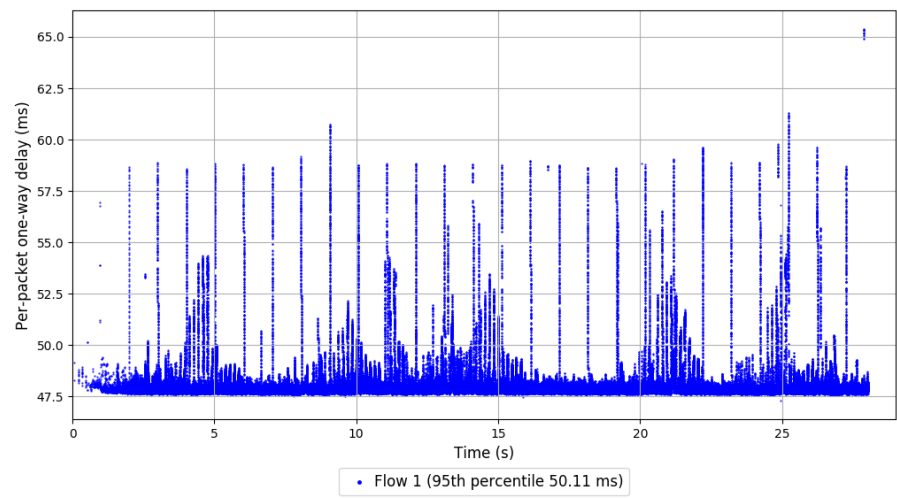
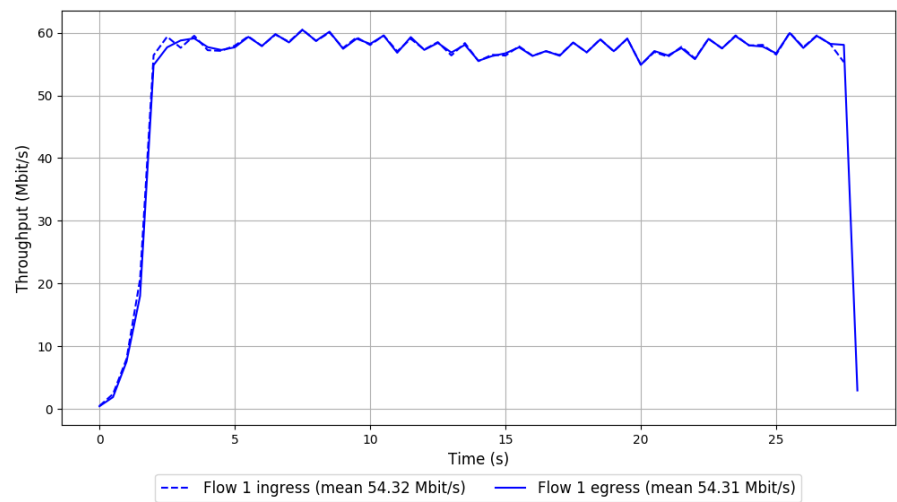


Run 8: Statistics of Copa

Start at: 2017-09-03 10:40:58
End at: 2017-09-03 10:41:28
Local clock offset: -3.171 ms
Remote clock offset: -2.303 ms

Below is generated by plot.py at 2017-09-03 11:42:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 54.31 Mbit/s
95th percentile per-packet one-way delay: 50.110 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 54.31 Mbit/s
95th percentile per-packet one-way delay: 50.110 ms
Loss rate: 0.02%

Run 8: Report of Copa — Data Link

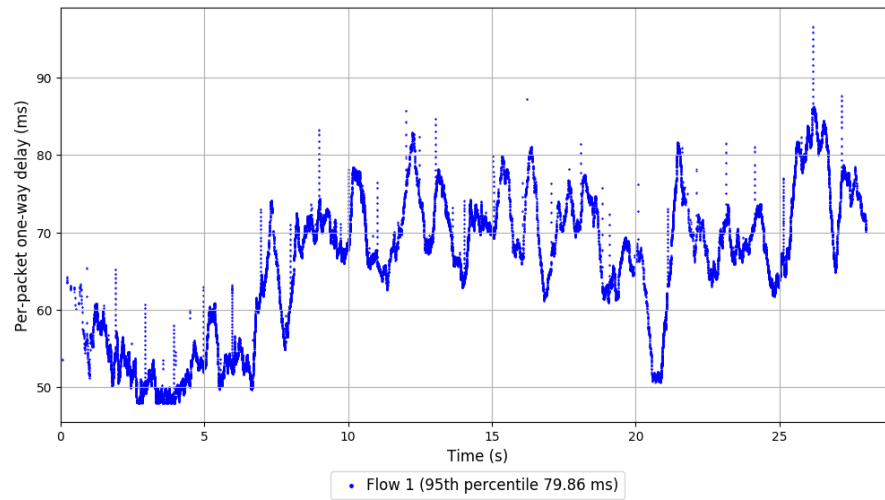
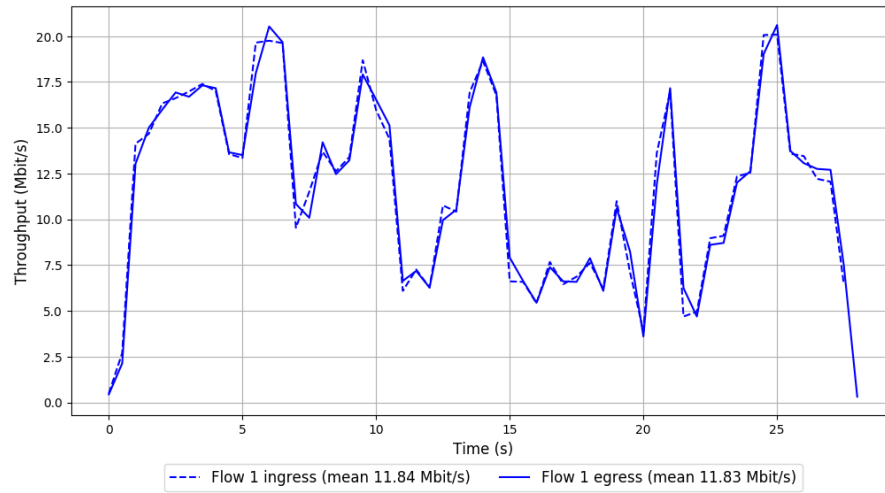


Run 9: Statistics of Copa

Start at: 2017-09-03 10:59:12
End at: 2017-09-03 10:59:42
Local clock offset: -3.029 ms
Remote clock offset: -2.295 ms

Below is generated by plot.py at 2017-09-03 11:42:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.83 Mbit/s
95th percentile per-packet one-way delay: 79.861 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 11.83 Mbit/s
95th percentile per-packet one-way delay: 79.861 ms
Loss rate: 0.03%

Run 9: Report of Copa — Data Link

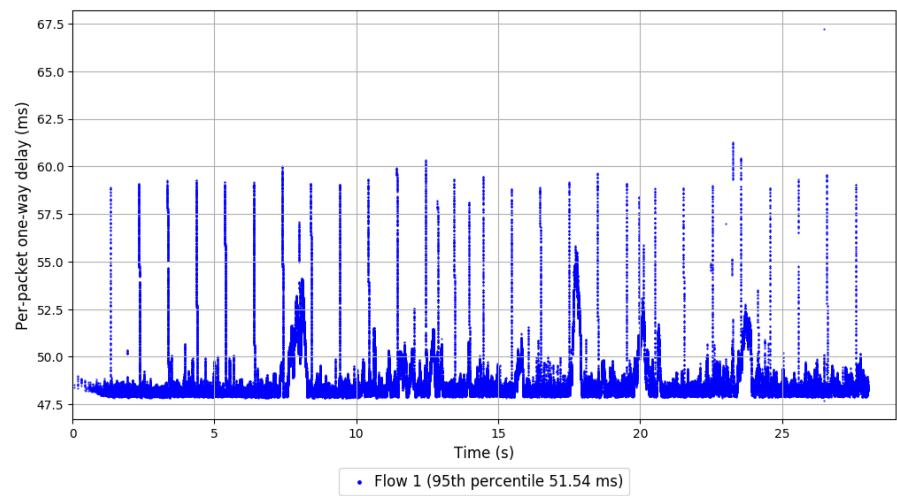
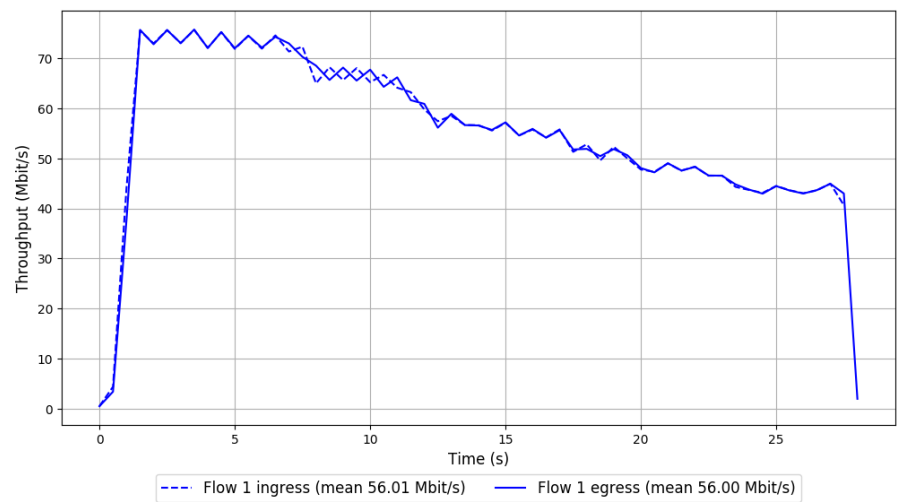


Run 10: Statistics of Copa

Start at: 2017-09-03 11:17:28
End at: 2017-09-03 11:17:58
Local clock offset: -2.726 ms
Remote clock offset: -2.341 ms

Below is generated by plot.py at 2017-09-03 11:43:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 56.00 Mbit/s
95th percentile per-packet one-way delay: 51.536 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 56.00 Mbit/s
95th percentile per-packet one-way delay: 51.536 ms
Loss rate: 0.01%

Run 10: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

Start at: 2017-09-03 08:35:47

End at: 2017-09-03 08:36:17

Local clock offset: -1.034 ms

Remote clock offset: -2.68 ms

Below is generated by plot.py at 2017-09-03 11:43:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 8.33 Mbit/s

95th percentile per-packet one-way delay: 52.544 ms

Loss rate: 0.79%

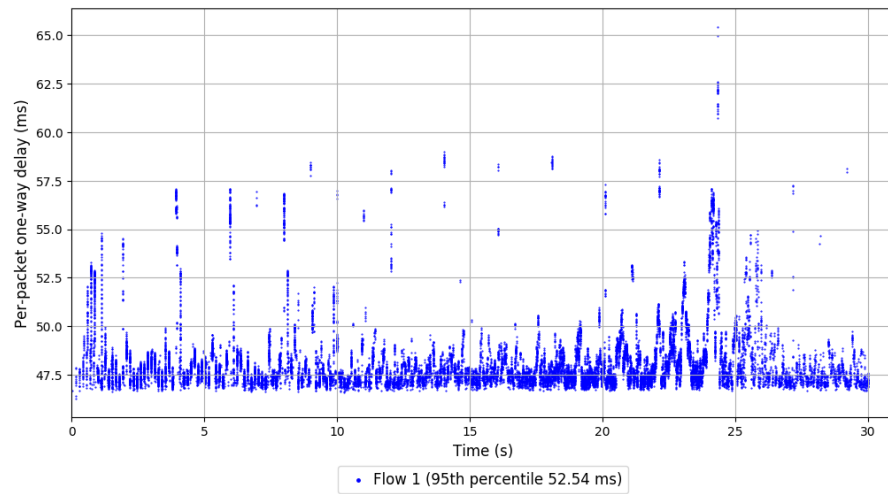
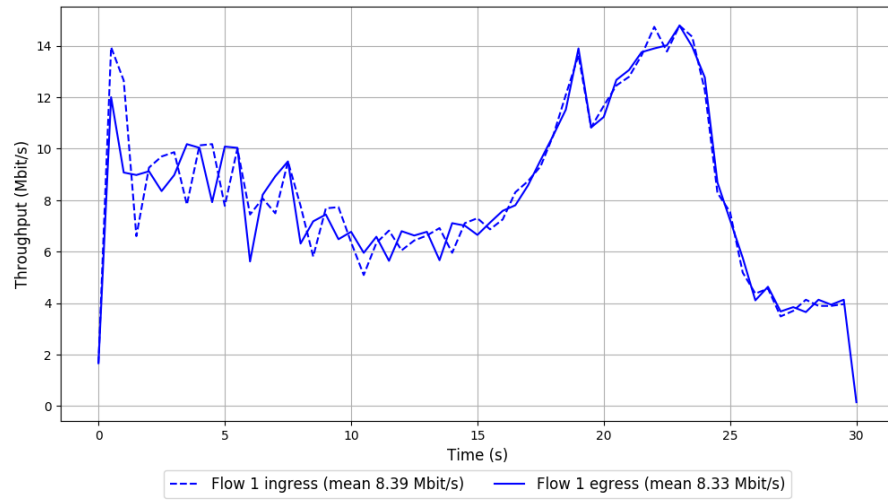
-- Flow 1:

Average throughput: 8.33 Mbit/s

95th percentile per-packet one-way delay: 52.544 ms

Loss rate: 0.79%

Run 1: Report of TCP Cubic — Data Link

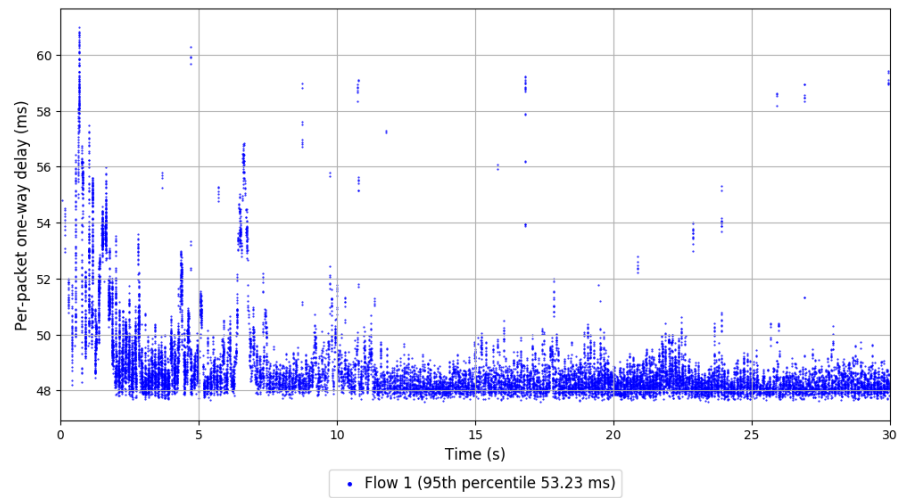
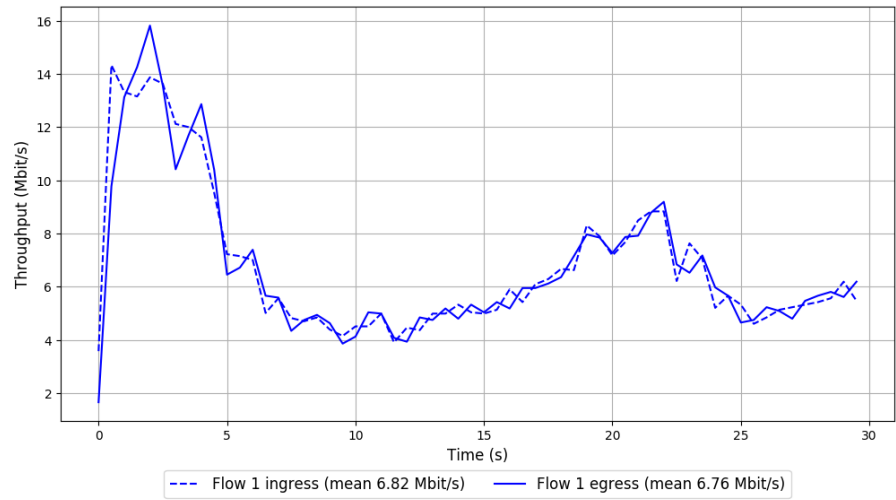


Run 2: Statistics of TCP Cubic

Start at: 2017-09-03 08:54:01
End at: 2017-09-03 08:54:31
Local clock offset: -2.427 ms
Remote clock offset: -2.456 ms

Below is generated by plot.py at 2017-09-03 11:43:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 6.76 Mbit/s
95th percentile per-packet one-way delay: 53.234 ms
Loss rate: 0.95%
-- Flow 1:
Average throughput: 6.76 Mbit/s
95th percentile per-packet one-way delay: 53.234 ms
Loss rate: 0.95%

Run 2: Report of TCP Cubic — Data Link

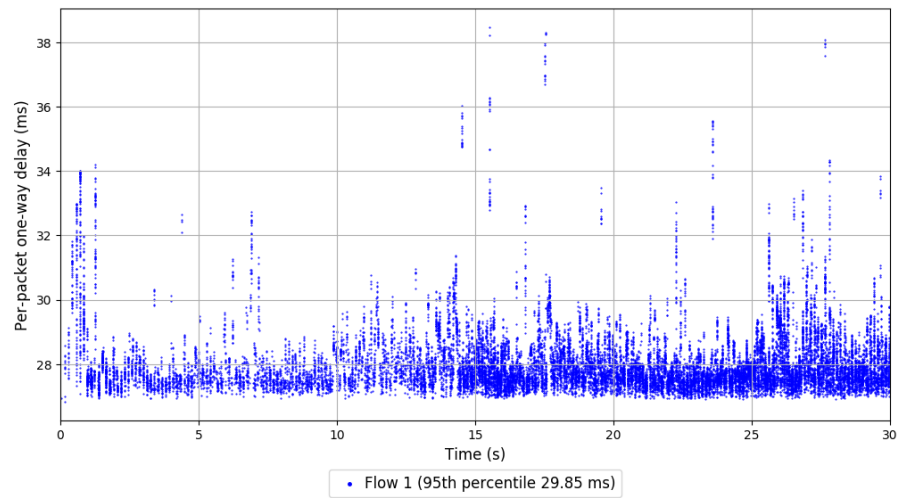
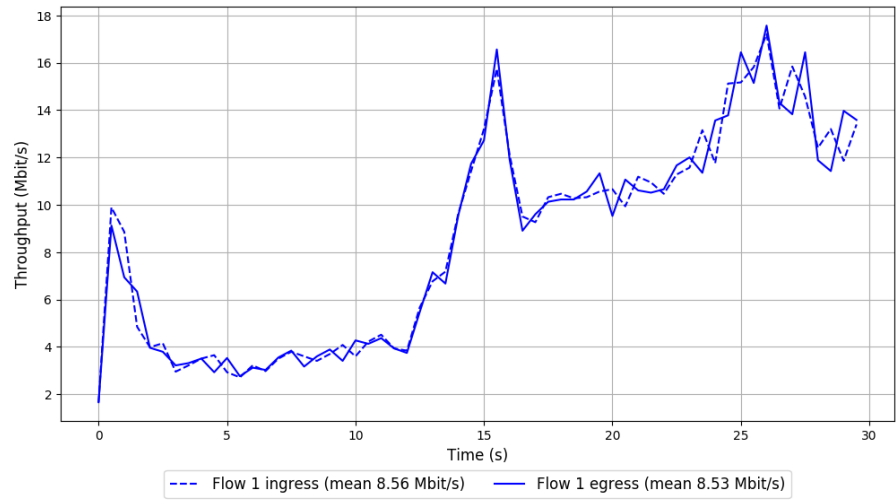


Run 3: Statistics of TCP Cubic

Start at: 2017-09-03 09:12:11
End at: 2017-09-03 09:12:41
Local clock offset: 18.547 ms
Remote clock offset: -2.113 ms

Below is generated by plot.py at 2017-09-03 11:43:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 8.53 Mbit/s
95th percentile per-packet one-way delay: 29.850 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 8.53 Mbit/s
95th percentile per-packet one-way delay: 29.850 ms
Loss rate: 0.31%

Run 3: Report of TCP Cubic — Data Link

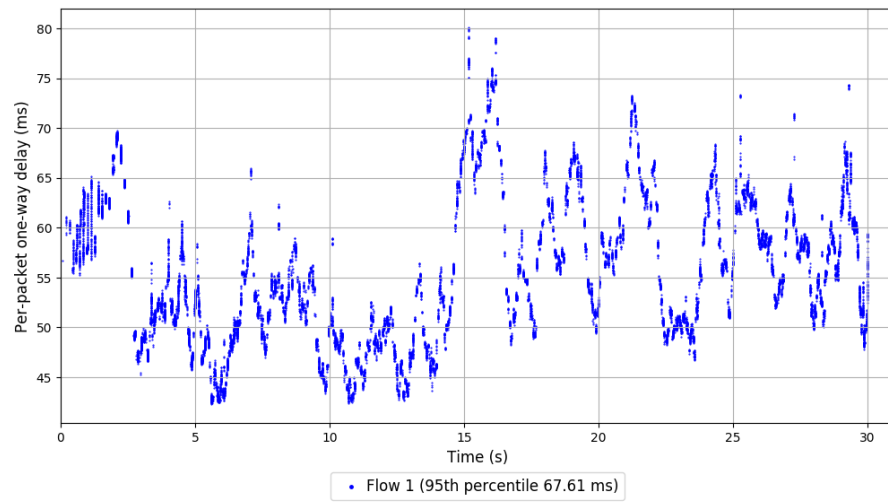
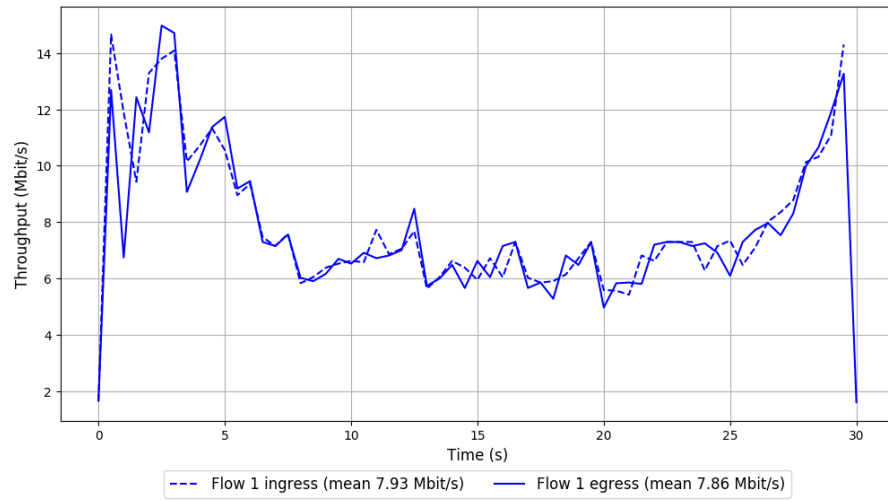


Run 4: Statistics of TCP Cubic

Start at: 2017-09-03 09:30:25
End at: 2017-09-03 09:30:55
Local clock offset: -1.095 ms
Remote clock offset: -6.155 ms

Below is generated by plot.py at 2017-09-03 11:43:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 7.86 Mbit/s
95th percentile per-packet one-way delay: 67.614 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 7.86 Mbit/s
95th percentile per-packet one-way delay: 67.614 ms
Loss rate: 0.91%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: 2017-09-03 09:48:41

End at: 2017-09-03 09:49:11

Local clock offset: -2.77 ms

Remote clock offset: -2.19 ms

Below is generated by plot.py at 2017-09-03 11:43:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.24 Mbit/s

95th percentile per-packet one-way delay: 54.747 ms

Loss rate: 0.29%

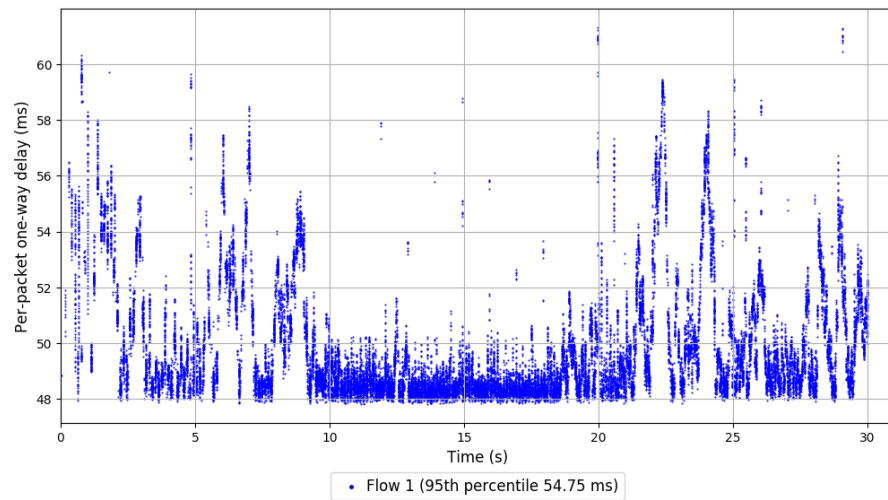
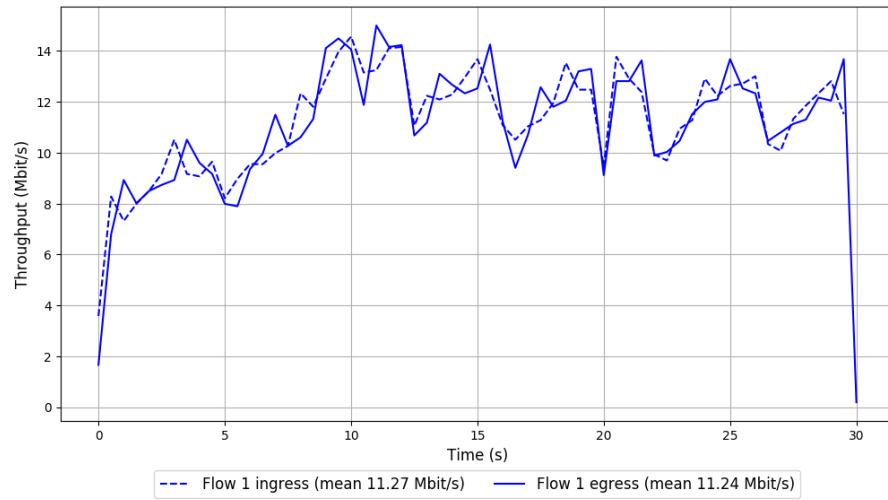
-- Flow 1:

Average throughput: 11.24 Mbit/s

95th percentile per-packet one-way delay: 54.747 ms

Loss rate: 0.29%

Run 5: Report of TCP Cubic — Data Link

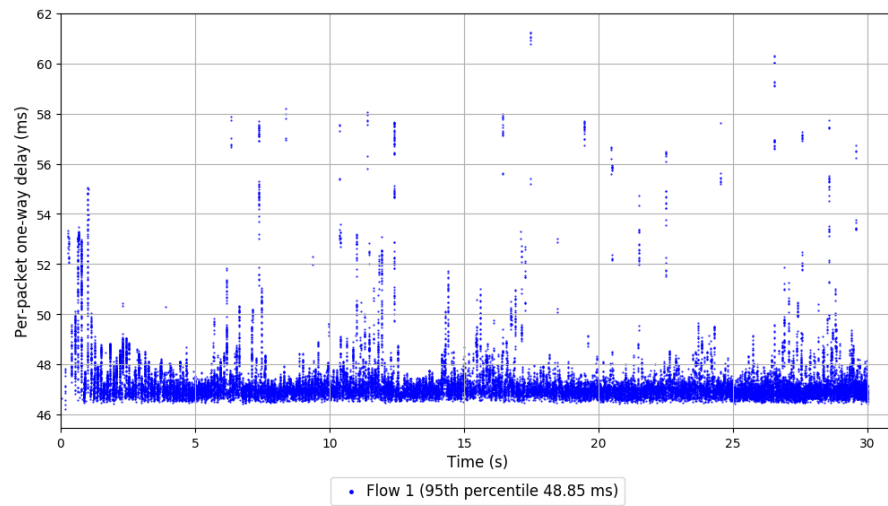
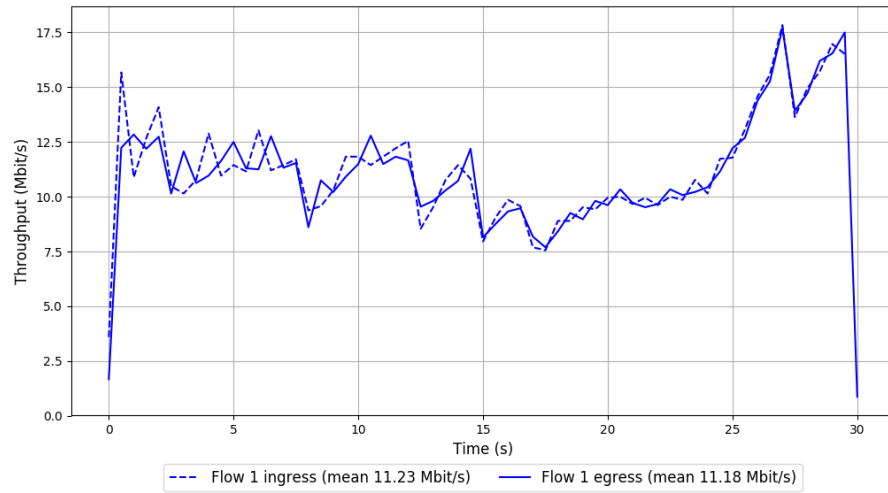


Run 6: Statistics of TCP Cubic

Start at: 2017-09-03 10:06:56
End at: 2017-09-03 10:07:26
Local clock offset: -1.684 ms
Remote clock offset: -2.272 ms

Below is generated by plot.py at 2017-09-03 11:43:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.18 Mbit/s
95th percentile per-packet one-way delay: 48.852 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 11.18 Mbit/s
95th percentile per-packet one-way delay: 48.852 ms
Loss rate: 0.55%

Run 6: Report of TCP Cubic — Data Link

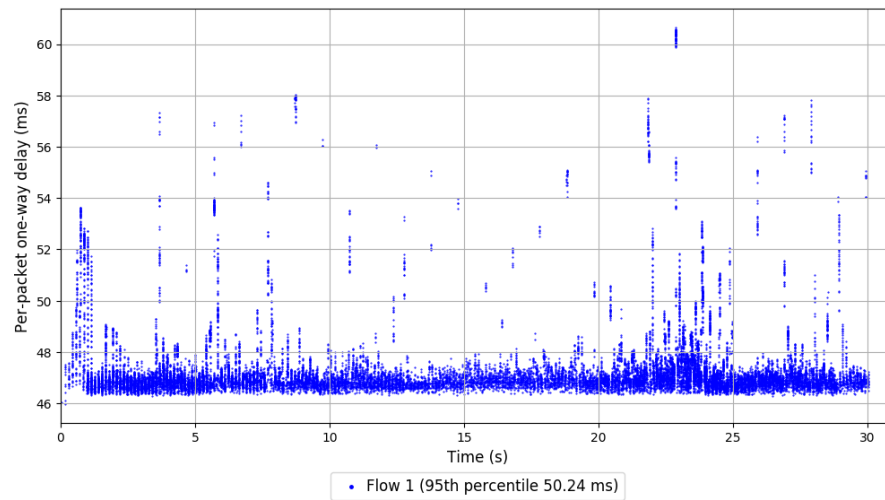
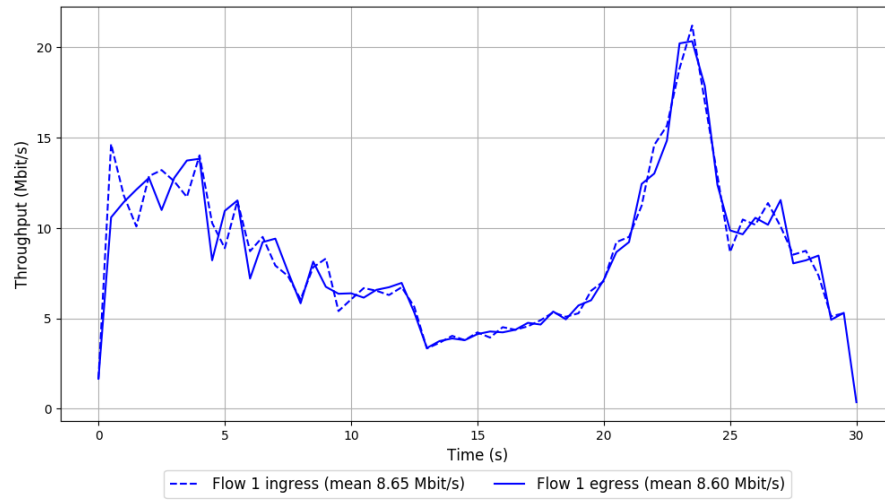


Run 7: Statistics of TCP Cubic

Start at: 2017-09-03 10:25:15
End at: 2017-09-03 10:25:45
Local clock offset: -1.877 ms
Remote clock offset: -2.382 ms

Below is generated by plot.py at 2017-09-03 11:43:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 8.60 Mbit/s
95th percentile per-packet one-way delay: 50.239 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 8.60 Mbit/s
95th percentile per-packet one-way delay: 50.239 ms
Loss rate: 0.59%

Run 7: Report of TCP Cubic — Data Link

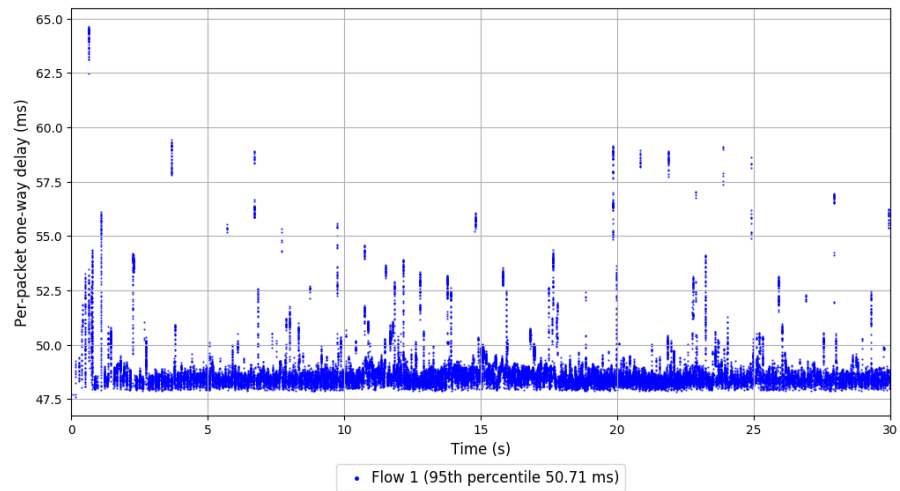
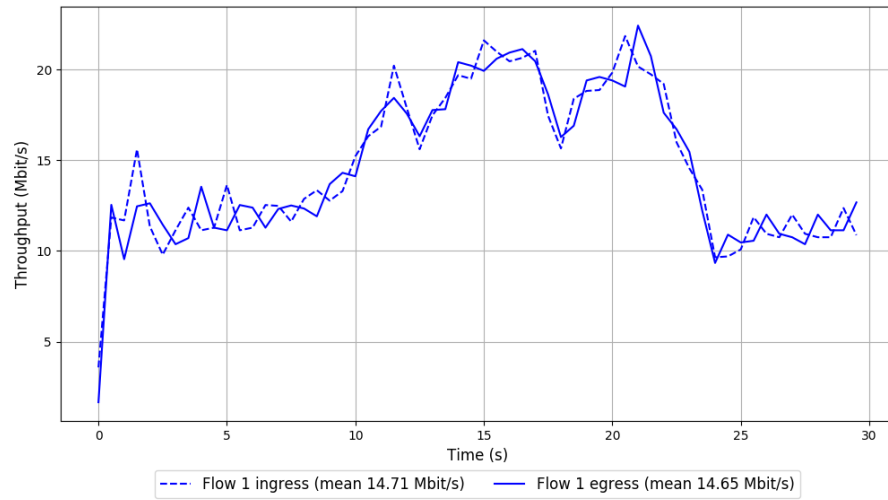


Run 8: Statistics of TCP Cubic

Start at: 2017-09-03 10:43:26
End at: 2017-09-03 10:43:56
Local clock offset: -3.197 ms
Remote clock offset: -2.301 ms

Below is generated by plot.py at 2017-09-03 11:43:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 14.65 Mbit/s
95th percentile per-packet one-way delay: 50.709 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 14.65 Mbit/s
95th percentile per-packet one-way delay: 50.709 ms
Loss rate: 0.44%

Run 8: Report of TCP Cubic — Data Link

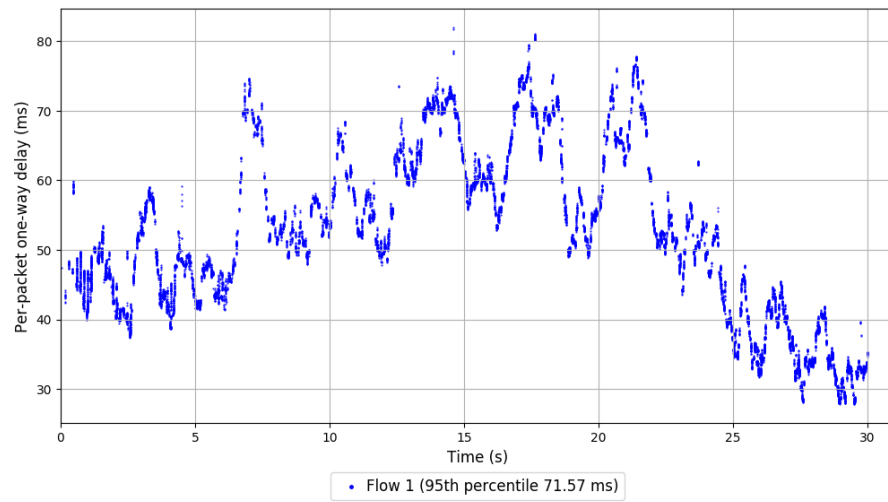
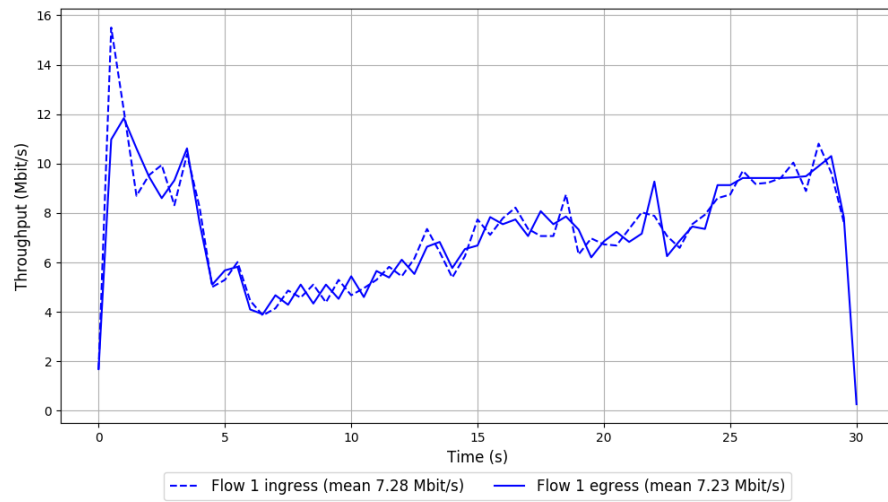


Run 9: Statistics of TCP Cubic

Start at: 2017-09-03 11:01:38
End at: 2017-09-03 11:02:08
Local clock offset: 16.999 ms
Remote clock offset: -2.308 ms

Below is generated by plot.py at 2017-09-03 11:43:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 7.23 Mbit/s
95th percentile per-packet one-way delay: 71.573 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 7.23 Mbit/s
95th percentile per-packet one-way delay: 71.573 ms
Loss rate: 0.71%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2017-09-03 11:19:58

End at: 2017-09-03 11:20:28

Local clock offset: -2.664 ms

Remote clock offset: -2.298 ms

Below is generated by plot.py at 2017-09-03 11:43:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 9.18 Mbit/s

95th percentile per-packet one-way delay: 52.840 ms

Loss rate: 0.77%

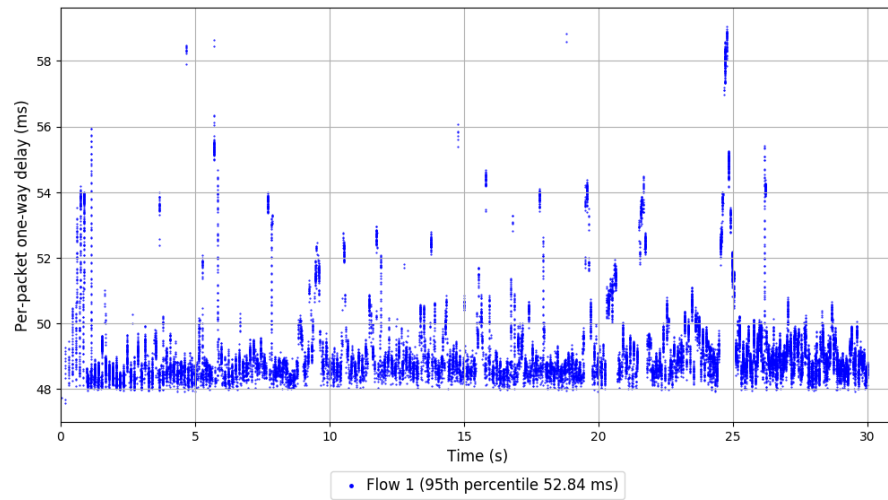
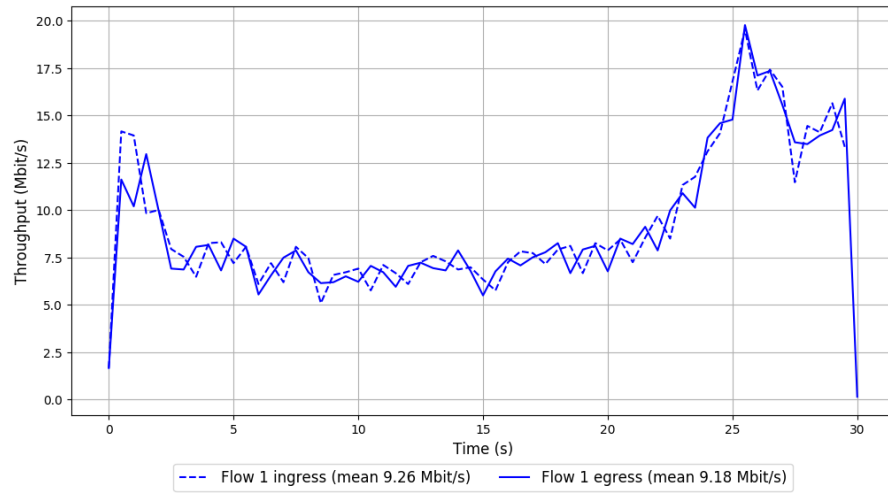
-- Flow 1:

Average throughput: 9.18 Mbit/s

95th percentile per-packet one-way delay: 52.840 ms

Loss rate: 0.77%

Run 10: Report of TCP Cubic — Data Link

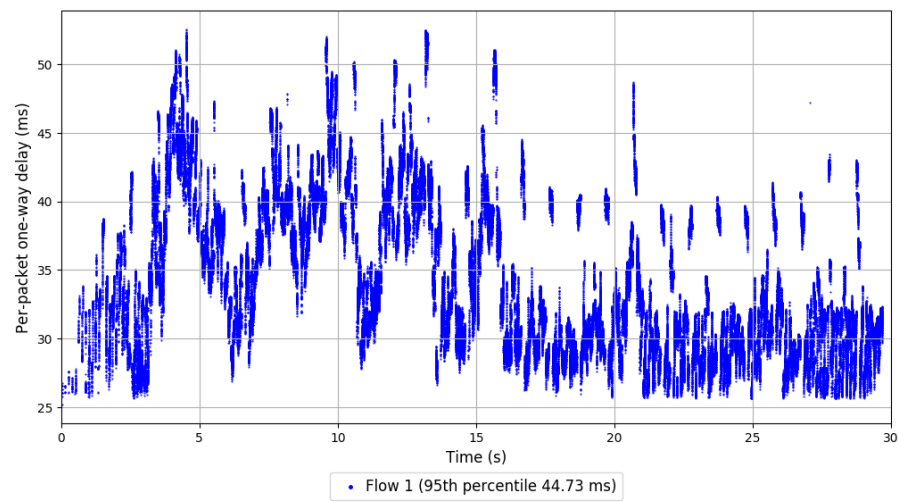
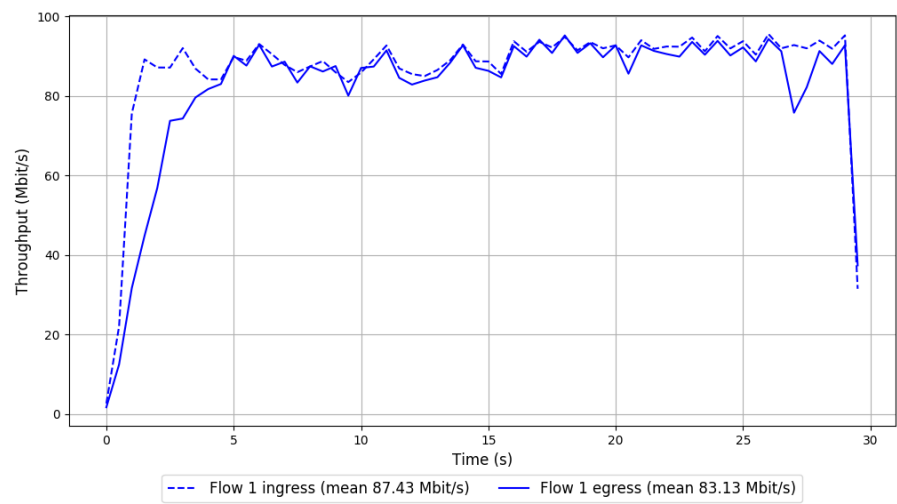


Run 1: Statistics of Indigo

Start at: 2017-09-03 08:22:31
End at: 2017-09-03 08:23:01
Local clock offset: 19.644 ms
Remote clock offset: -3.035 ms

Below is generated by plot.py at 2017-09-03 11:43:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.13 Mbit/s
95th percentile per-packet one-way delay: 44.730 ms
Loss rate: 4.89%
-- Flow 1:
Average throughput: 83.13 Mbit/s
95th percentile per-packet one-way delay: 44.730 ms
Loss rate: 4.89%

Run 1: Report of Indigo — Data Link

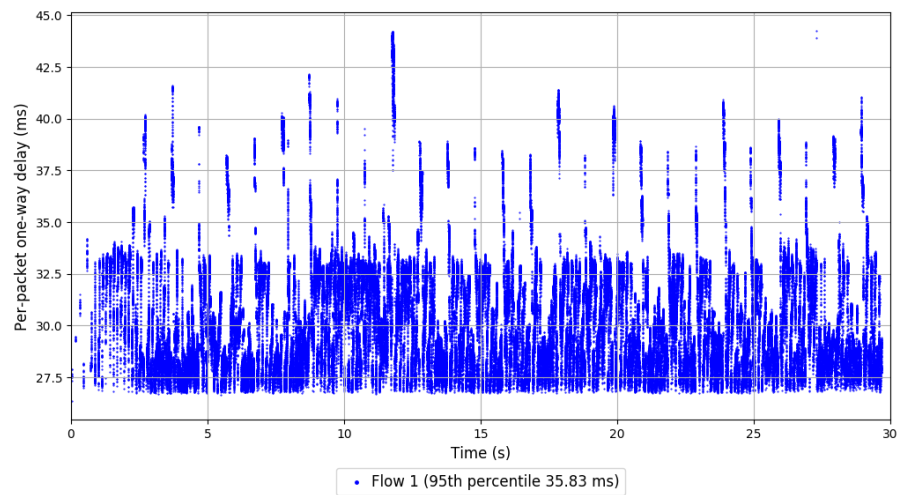
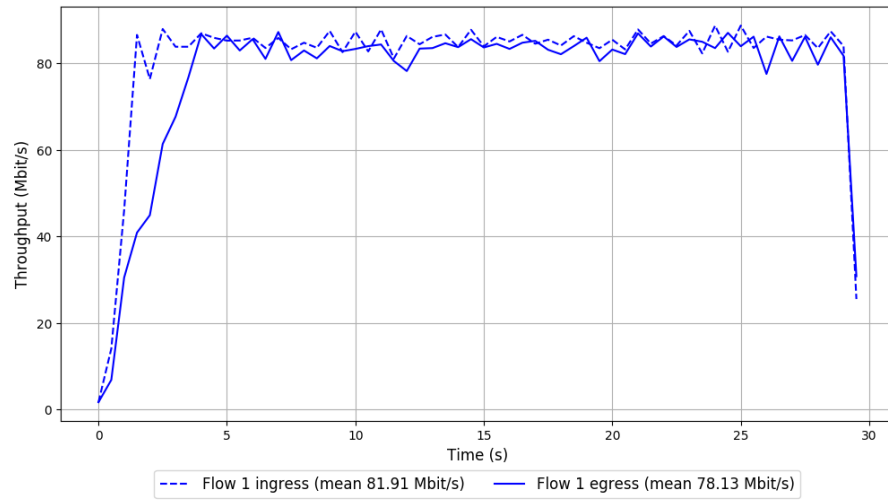


Run 2: Statistics of Indigo

Start at: 2017-09-03 08:40:50
End at: 2017-09-03 08:41:20
Local clock offset: 18.614 ms
Remote clock offset: -2.647 ms

Below is generated by plot.py at 2017-09-03 11:43:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.13 Mbit/s
95th percentile per-packet one-way delay: 35.831 ms
Loss rate: 4.61%
-- Flow 1:
Average throughput: 78.13 Mbit/s
95th percentile per-packet one-way delay: 35.831 ms
Loss rate: 4.61%

Run 2: Report of Indigo — Data Link

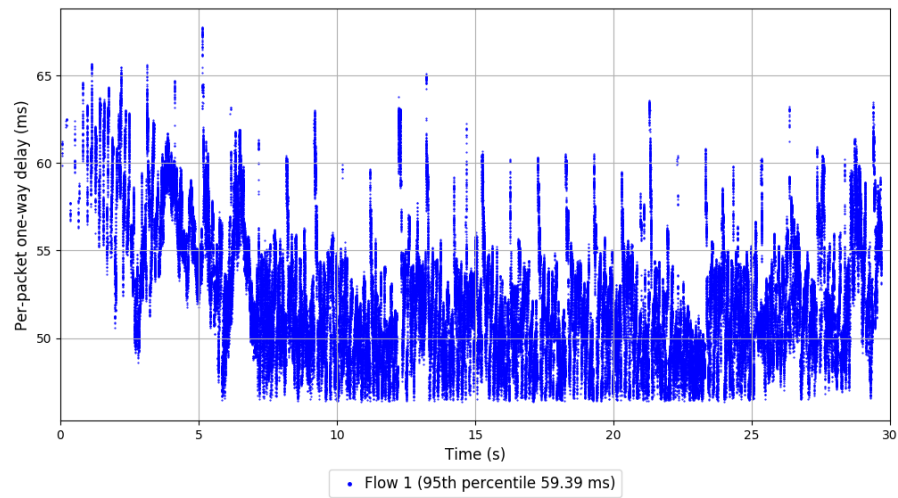
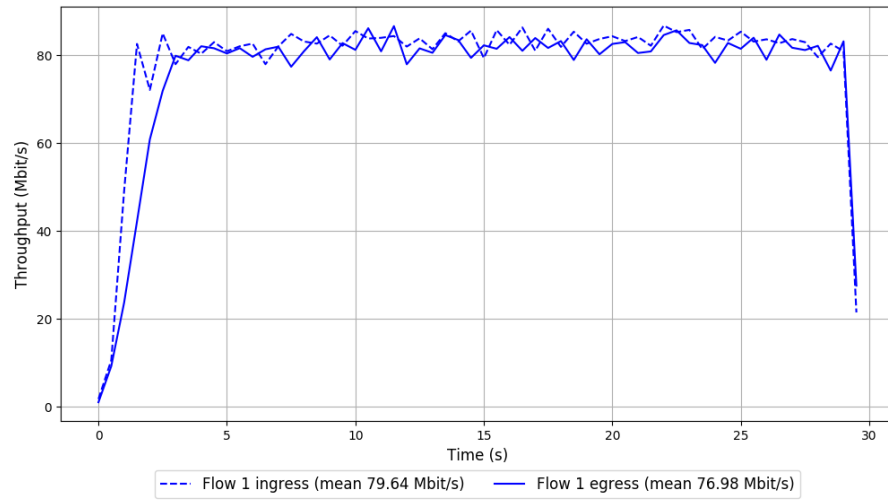


Run 3: Statistics of Indigo

Start at: 2017-09-03 08:58:58
End at: 2017-09-03 08:59:28
Local clock offset: -1.068 ms
Remote clock offset: -2.237 ms

Below is generated by plot.py at 2017-09-03 11:43:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.98 Mbit/s
95th percentile per-packet one-way delay: 59.388 ms
Loss rate: 3.36%
-- Flow 1:
Average throughput: 76.98 Mbit/s
95th percentile per-packet one-way delay: 59.388 ms
Loss rate: 3.36%

Run 3: Report of Indigo — Data Link

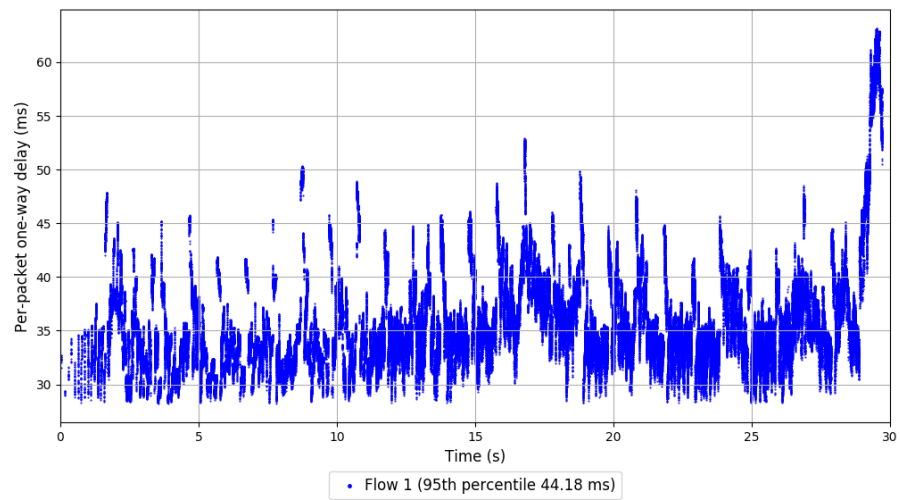
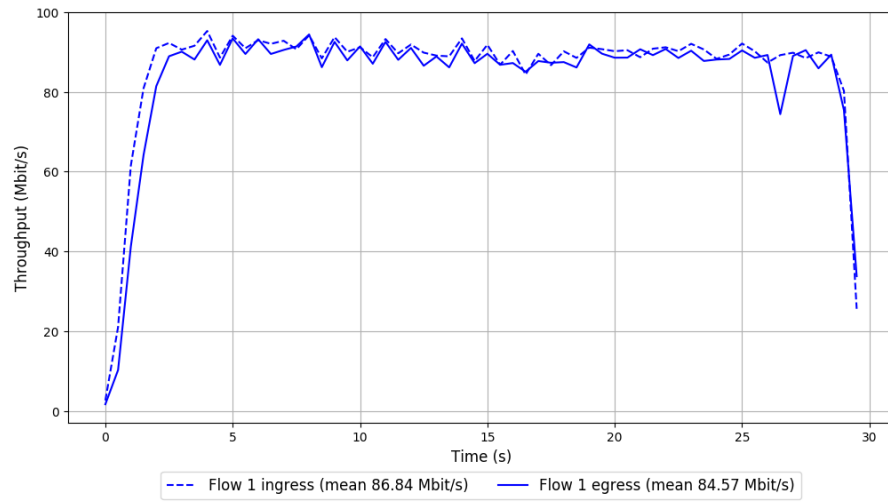


Run 4: Statistics of Indigo

Start at: 2017-09-03 09:17:08
End at: 2017-09-03 09:17:38
Local clock offset: 17.211 ms
Remote clock offset: -2.202 ms

Below is generated by plot.py at 2017-09-03 11:43:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 84.57 Mbit/s
95th percentile per-packet one-way delay: 44.180 ms
Loss rate: 2.55%
-- Flow 1:
Average throughput: 84.57 Mbit/s
95th percentile per-packet one-way delay: 44.180 ms
Loss rate: 2.55%

Run 4: Report of Indigo — Data Link

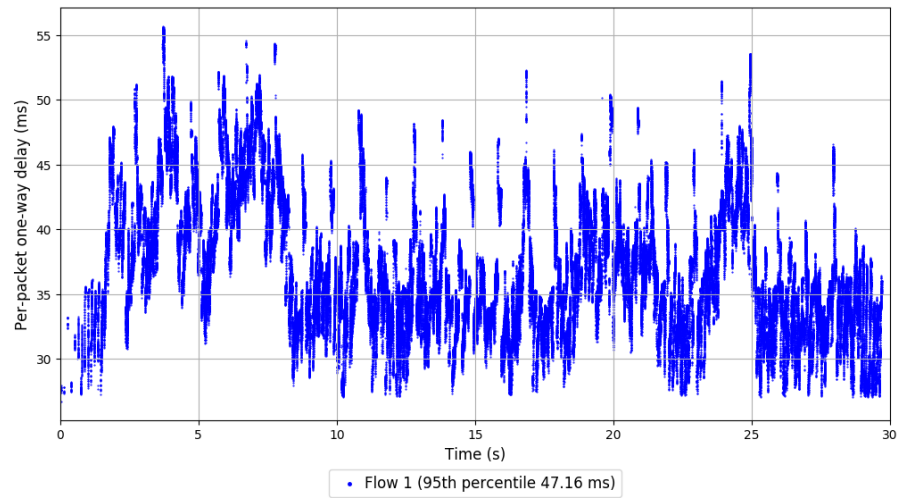
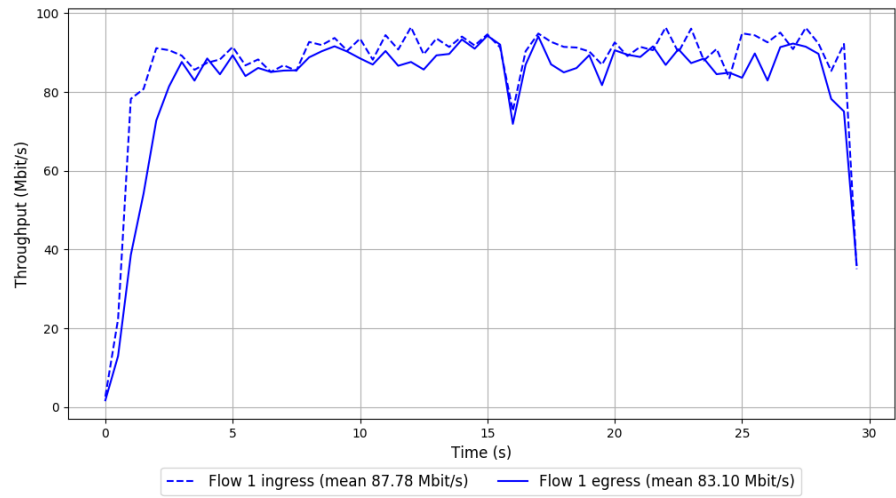


Run 5: Statistics of Indigo

Start at: 2017-09-03 09:35:19
End at: 2017-09-03 09:35:49
Local clock offset: 18.469 ms
Remote clock offset: -2.039 ms

Below is generated by plot.py at 2017-09-03 11:43:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.10 Mbit/s
95th percentile per-packet one-way delay: 47.165 ms
Loss rate: 5.31%
-- Flow 1:
Average throughput: 83.10 Mbit/s
95th percentile per-packet one-way delay: 47.165 ms
Loss rate: 5.31%

Run 5: Report of Indigo — Data Link

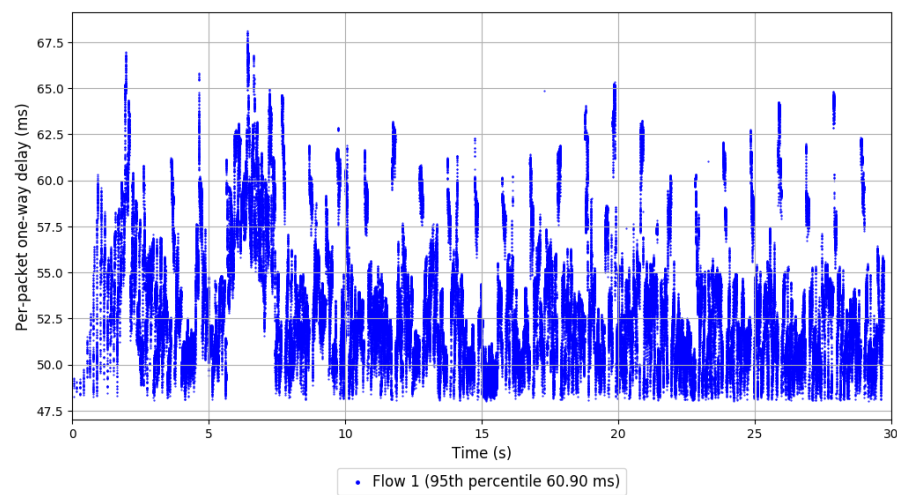
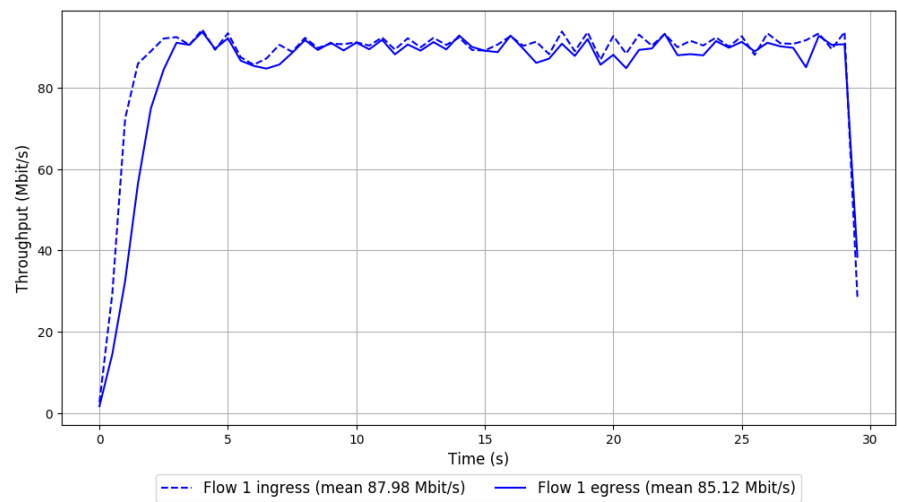


Run 6: Statistics of Indigo

Start at: 2017-09-03 09:53:39
End at: 2017-09-03 09:54:09
Local clock offset: -3.059 ms
Remote clock offset: -2.178 ms

Below is generated by plot.py at 2017-09-03 11:43:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 85.12 Mbit/s
95th percentile per-packet one-way delay: 60.899 ms
Loss rate: 3.23%
-- Flow 1:
Average throughput: 85.12 Mbit/s
95th percentile per-packet one-way delay: 60.899 ms
Loss rate: 3.23%

Run 6: Report of Indigo — Data Link

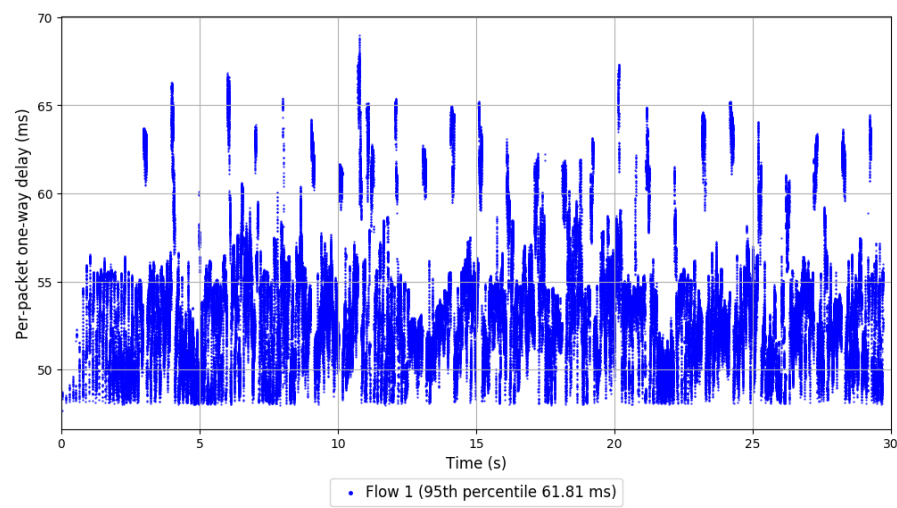
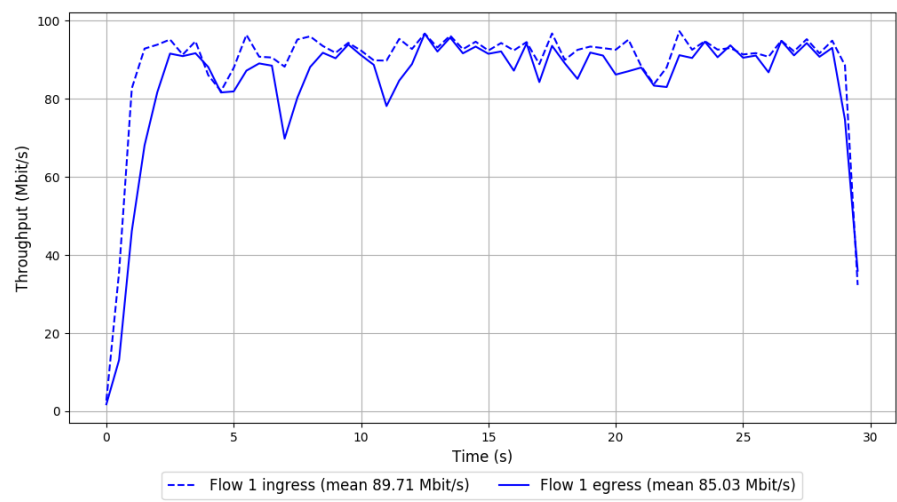


Run 7: Statistics of Indigo

Start at: 2017-09-03 10:11:54
End at: 2017-09-03 10:12:24
Local clock offset: -3.227 ms
Remote clock offset: -2.284 ms

Below is generated by plot.py at 2017-09-03 11:44:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 85.03 Mbit/s
95th percentile per-packet one-way delay: 61.814 ms
Loss rate: 5.20%
-- Flow 1:
Average throughput: 85.03 Mbit/s
95th percentile per-packet one-way delay: 61.814 ms
Loss rate: 5.20%

Run 7: Report of Indigo — Data Link

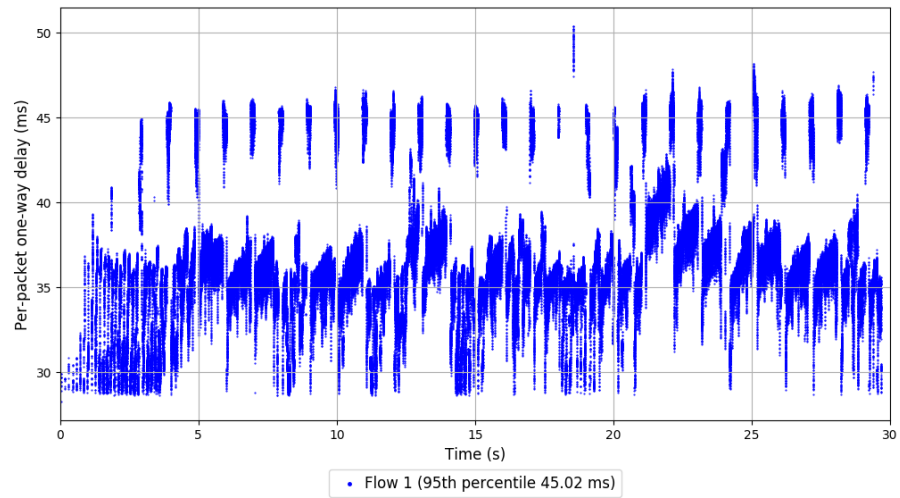
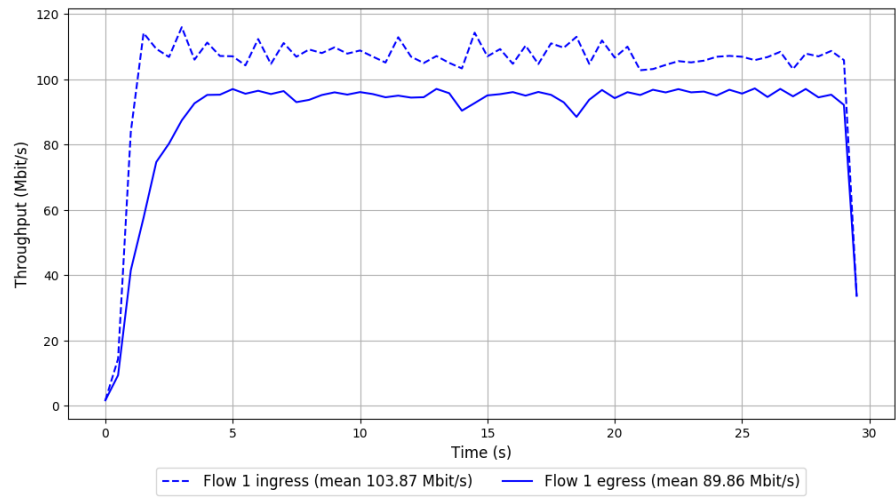


Run 8: Statistics of Indigo

Start at: 2017-09-03 10:30:09
End at: 2017-09-03 10:30:39
Local clock offset: 16.169 ms
Remote clock offset: -2.313 ms

Below is generated by plot.py at 2017-09-03 11:44:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.86 Mbit/s
95th percentile per-packet one-way delay: 45.019 ms
Loss rate: 13.52%
-- Flow 1:
Average throughput: 89.86 Mbit/s
95th percentile per-packet one-way delay: 45.019 ms
Loss rate: 13.52%

Run 8: Report of Indigo — Data Link

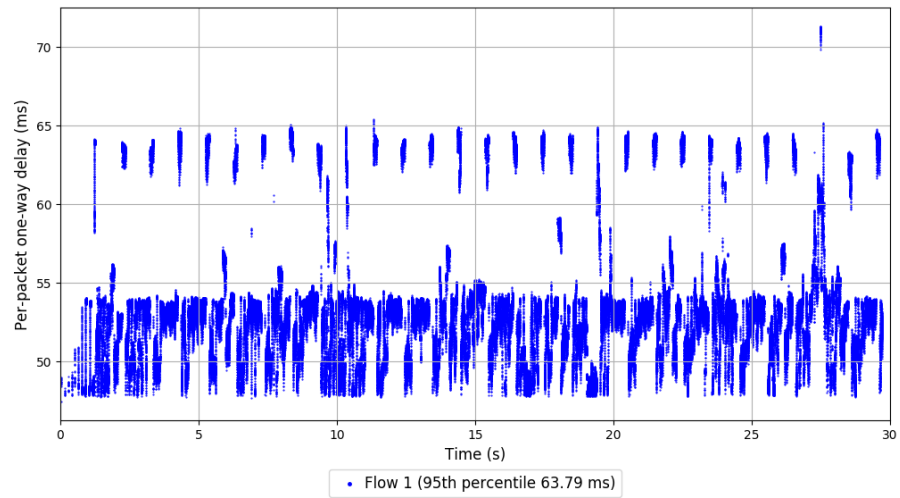
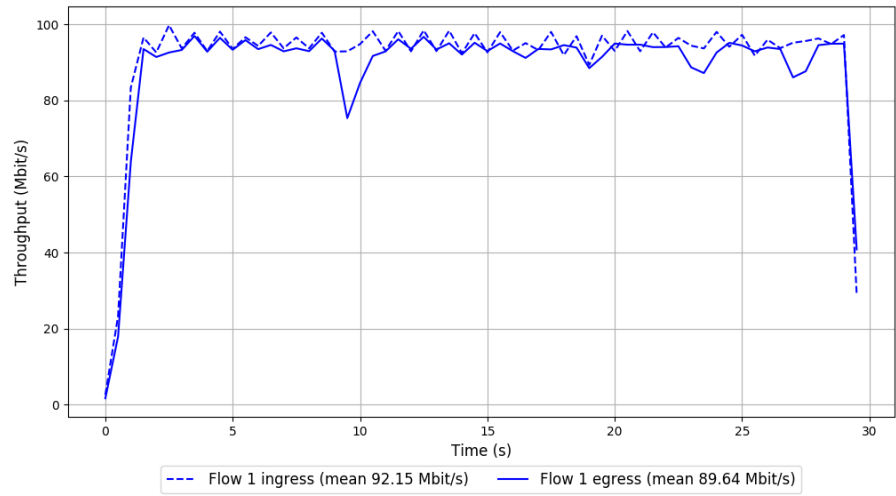


Run 9: Statistics of Indigo

Start at: 2017-09-03 10:48:22
End at: 2017-09-03 10:48:53
Local clock offset: -3.313 ms
Remote clock offset: -2.319 ms

Below is generated by plot.py at 2017-09-03 11:44:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.64 Mbit/s
95th percentile per-packet one-way delay: 63.789 ms
Loss rate: 2.70%
-- Flow 1:
Average throughput: 89.64 Mbit/s
95th percentile per-packet one-way delay: 63.789 ms
Loss rate: 2.70%

Run 9: Report of Indigo — Data Link

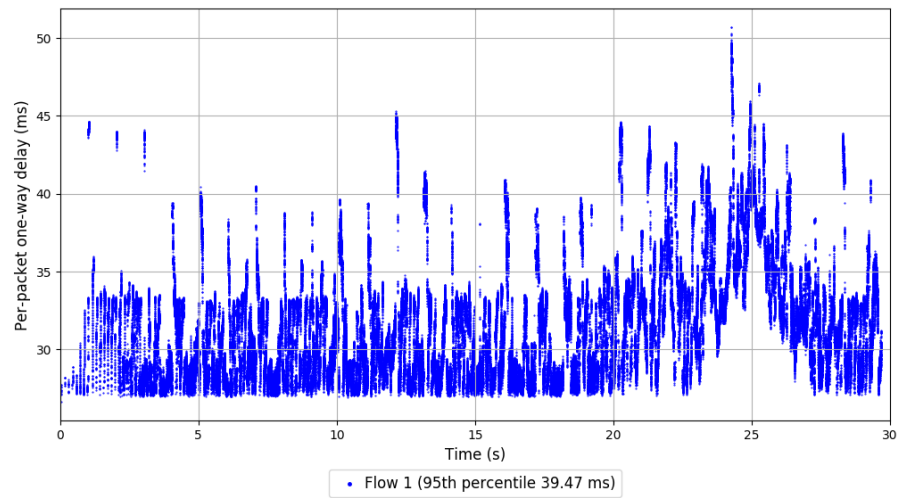
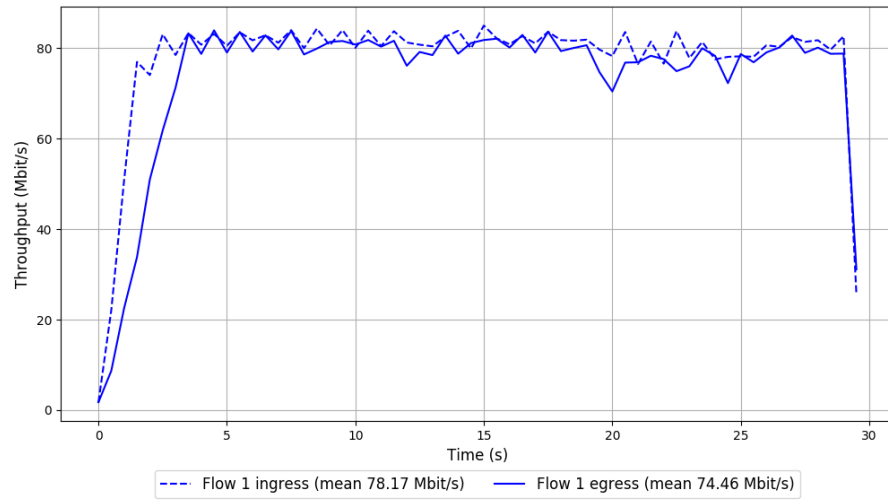


Run 10: Statistics of Indigo

Start at: 2017-09-03 11:06:32
End at: 2017-09-03 11:07:02
Local clock offset: 17.999 ms
Remote clock offset: -2.366 ms

Below is generated by plot.py at 2017-09-03 11:44:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.46 Mbit/s
95th percentile per-packet one-way delay: 39.467 ms
Loss rate: 4.78%
-- Flow 1:
Average throughput: 74.46 Mbit/s
95th percentile per-packet one-way delay: 39.467 ms
Loss rate: 4.78%

Run 10: Report of Indigo — Data Link

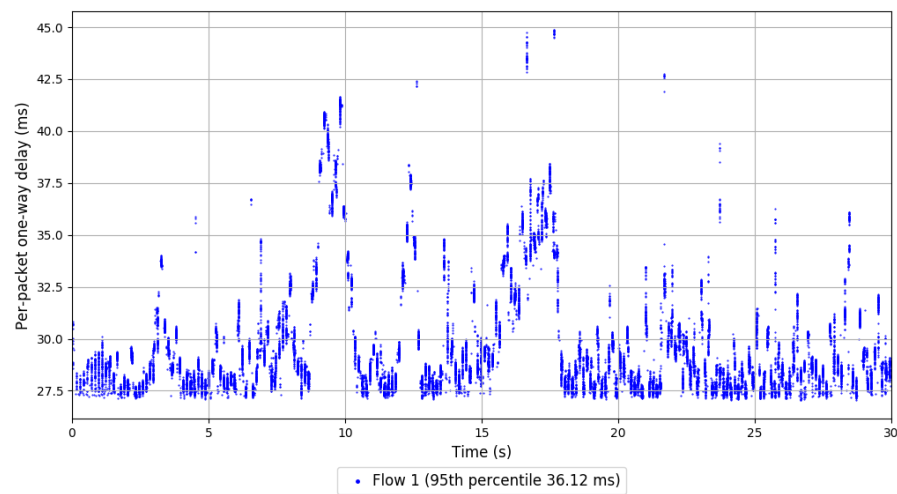
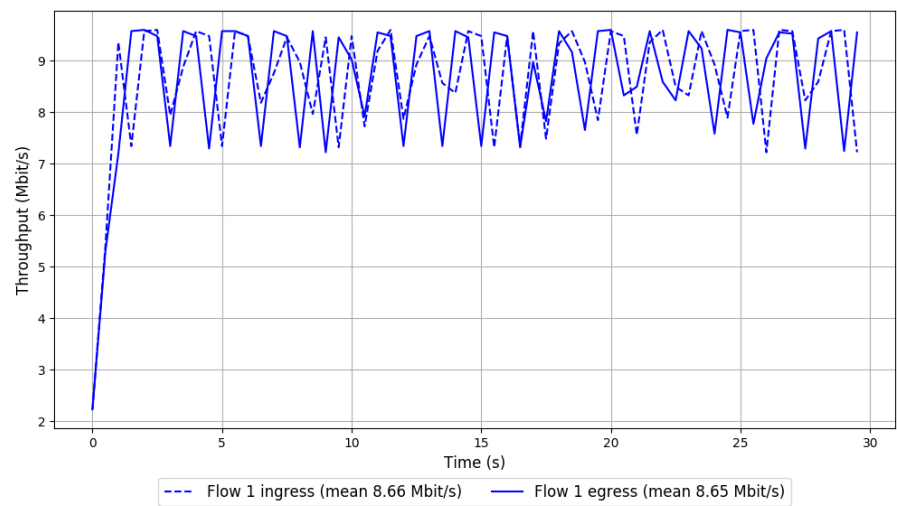


```
Run 1: Statistics of KohoCC

Start at: 2017-09-03 08:23:48
End at: 2017-09-03 08:24:18
Local clock offset: 18.532 ms
Remote clock offset: -2.92 ms

# Below is generated by plot.py at 2017-09-03 11:44:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.65 Mbit/s
95th percentile per-packet one-way delay: 36.123 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 8.65 Mbit/s
95th percentile per-packet one-way delay: 36.123 ms
Loss rate: 0.08%
```

Run 1: Report of KohoCC — Data Link

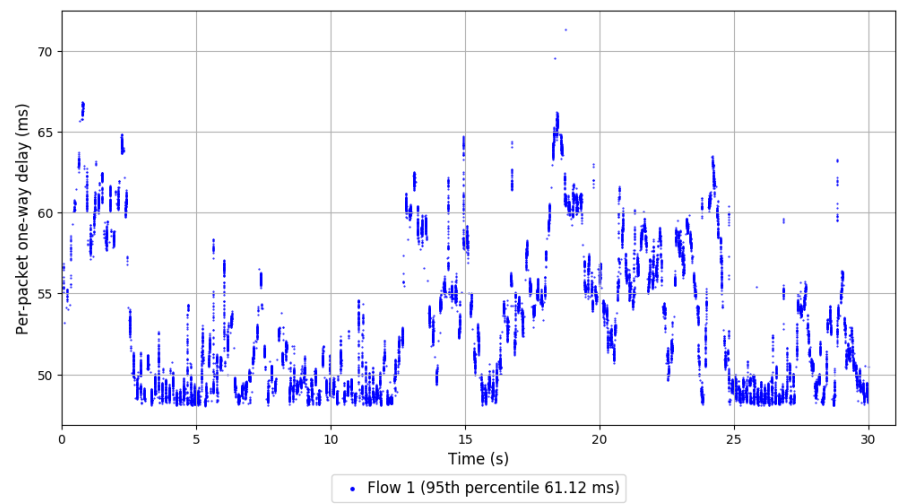
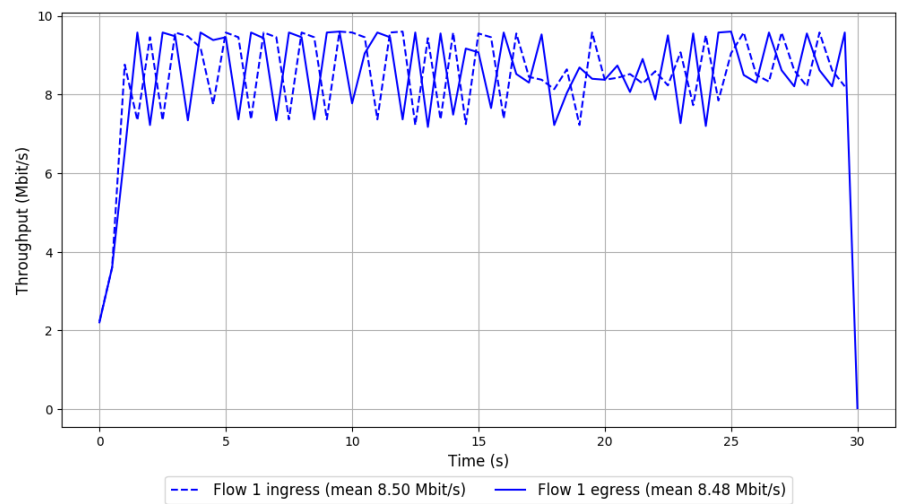


Run 2: Statistics of KohoCC

Start at: 2017-09-03 08:42:07
End at: 2017-09-03 08:42:37
Local clock offset: -2.482 ms
Remote clock offset: -2.679 ms

Below is generated by plot.py at 2017-09-03 11:44:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 8.48 Mbit/s
95th percentile per-packet one-way delay: 61.119 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 8.48 Mbit/s
95th percentile per-packet one-way delay: 61.119 ms
Loss rate: 0.17%

Run 2: Report of KohoCC — Data Link

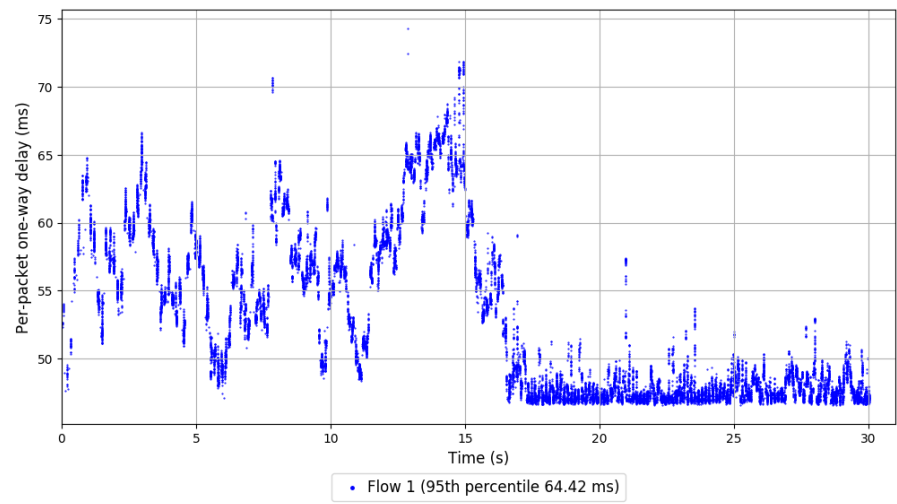
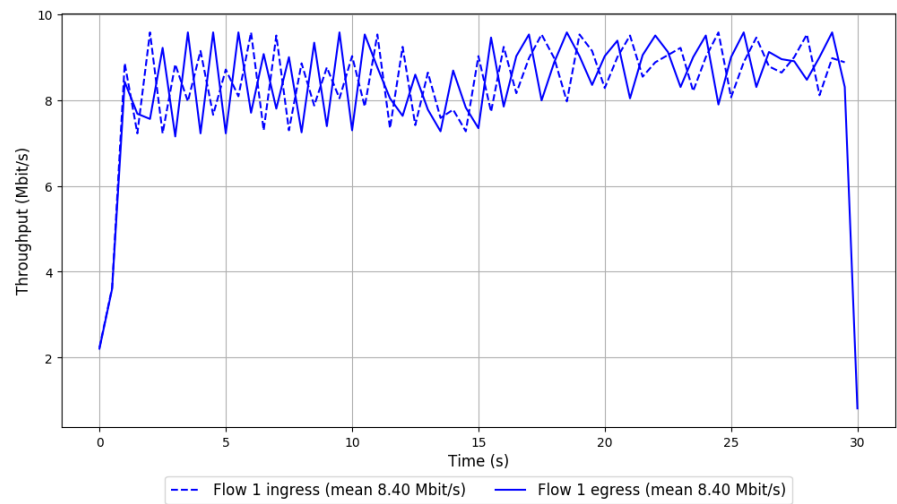


Run 3: Statistics of KohoCC

Start at: 2017-09-03 09:00:14
End at: 2017-09-03 09:00:44
Local clock offset: -1.079 ms
Remote clock offset: -2.269 ms

Below is generated by plot.py at 2017-09-03 11:44:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 8.40 Mbit/s
95th percentile per-packet one-way delay: 64.423 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 8.40 Mbit/s
95th percentile per-packet one-way delay: 64.423 ms
Loss rate: 0.09%

Run 3: Report of KohoCC — Data Link



Run 4: Statistics of KohoCC

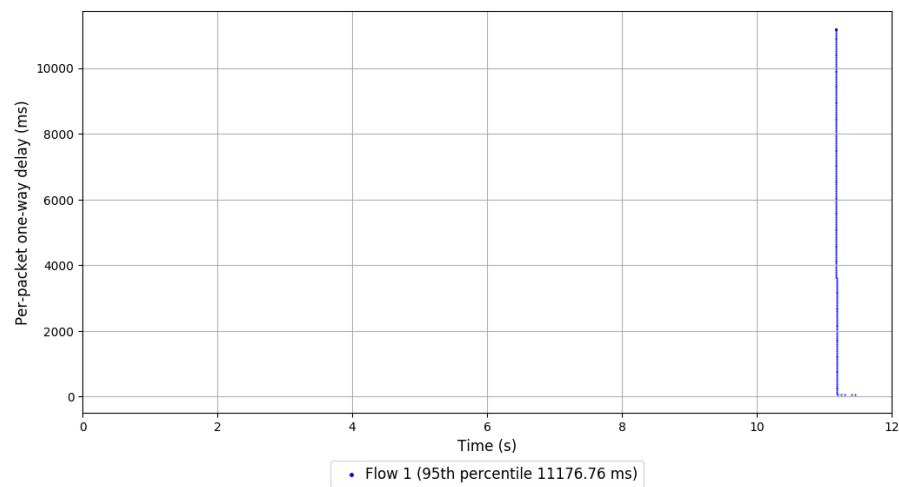
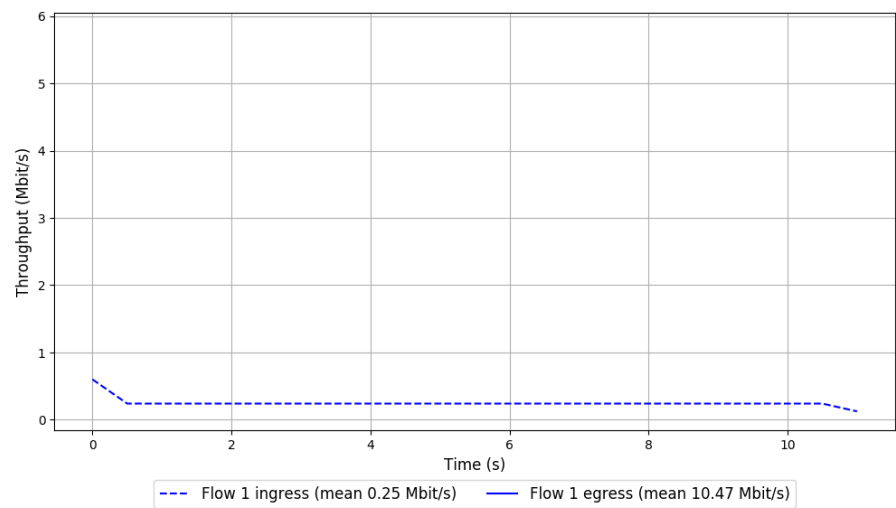
Start at: 2017-09-03 09:18:25

End at: 2017-09-03 09:18:55

Local clock offset: -2.52 ms

Remote clock offset: -3.963 ms

Run 4: Report of KohoCC — Data Link

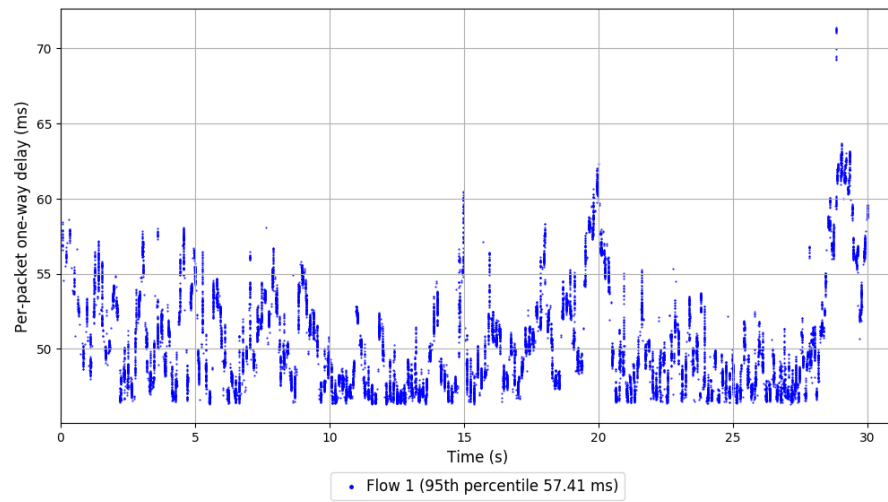
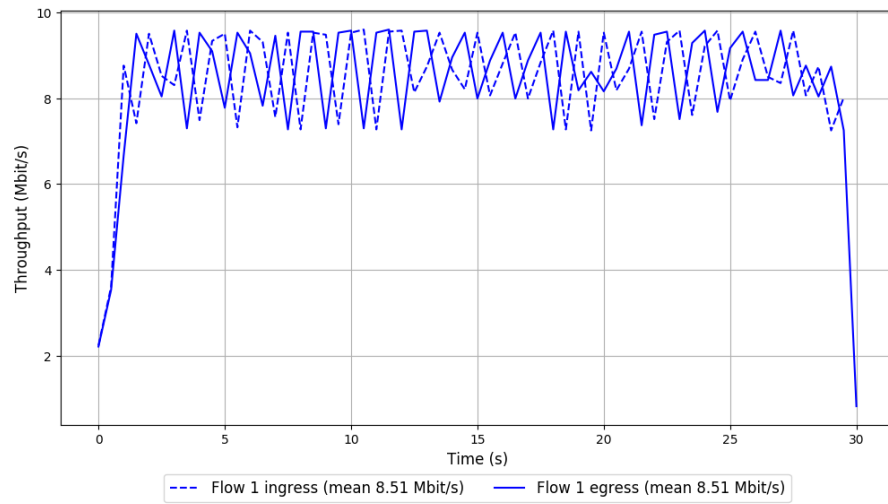


Run 5: Statistics of KohoCC

Start at: 2017-09-03 09:36:36
End at: 2017-09-03 09:37:06
Local clock offset: -1.225 ms
Remote clock offset: -2.144 ms

Below is generated by plot.py at 2017-09-03 11:44:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 8.51 Mbit/s
95th percentile per-packet one-way delay: 57.409 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 8.51 Mbit/s
95th percentile per-packet one-way delay: 57.409 ms
Loss rate: 0.02%

Run 5: Report of KohoCC — Data Link



Run 6: Statistics of KohoCC

Start at: 2017-09-03 09:54:57

End at: 2017-09-03 09:55:27

Local clock offset: -3.026 ms

Remote clock offset: -2.2 ms

Below is generated by plot.py at 2017-09-03 11:44:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 8.61 Mbit/s

95th percentile per-packet one-way delay: 50.004 ms

Loss rate: 0.01%

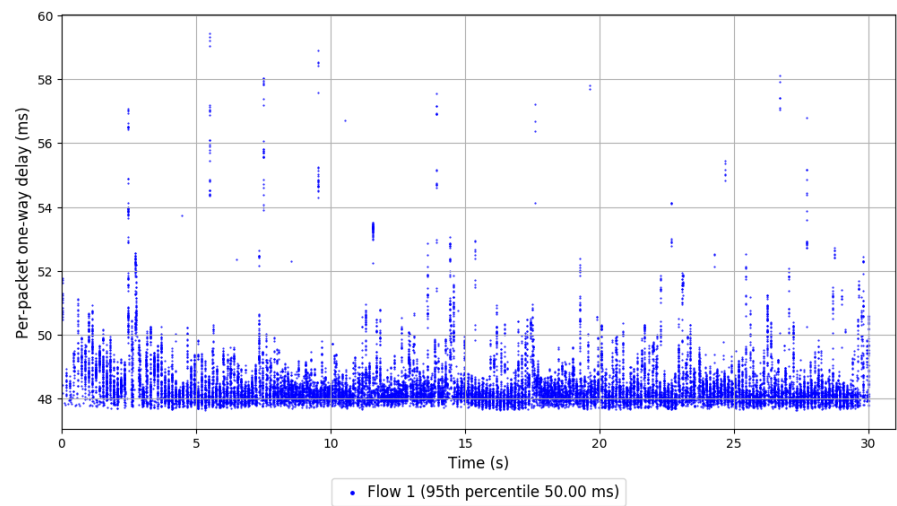
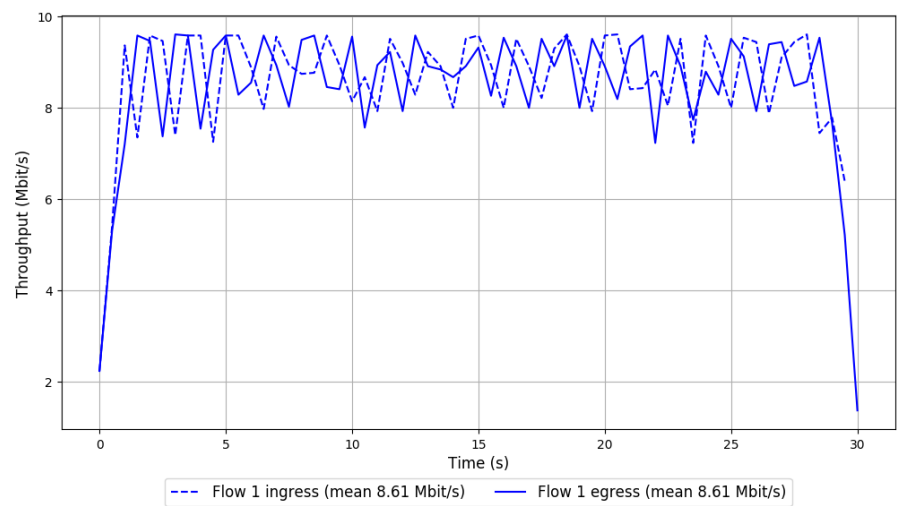
-- Flow 1:

Average throughput: 8.61 Mbit/s

95th percentile per-packet one-way delay: 50.004 ms

Loss rate: 0.01%

Run 6: Report of KohoCC — Data Link

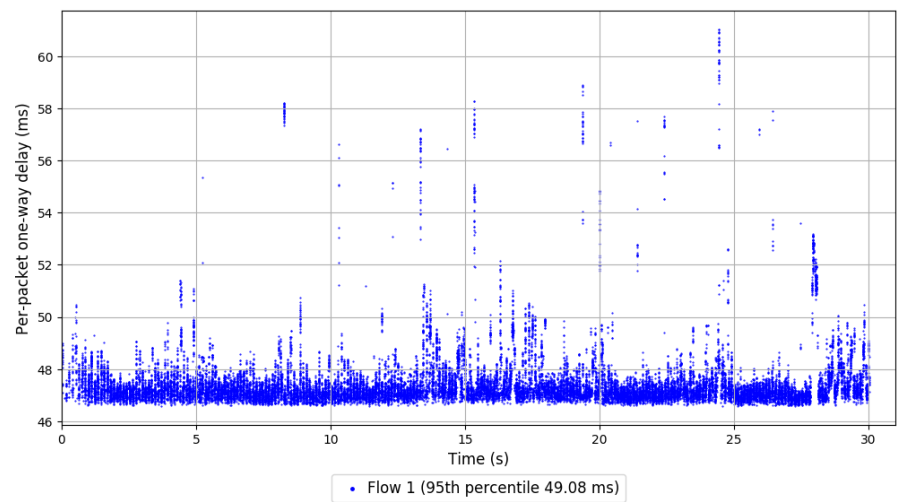
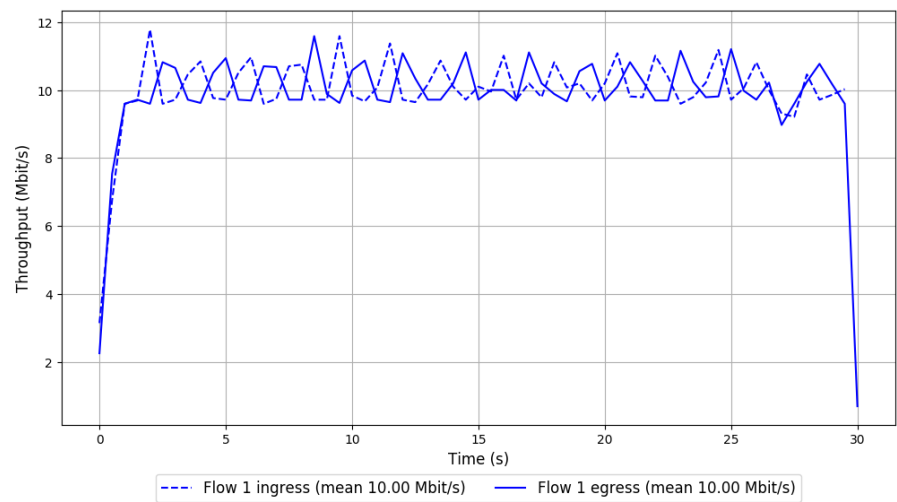


Run 7: Statistics of KohoCC

Start at: 2017-09-03 10:13:12
End at: 2017-09-03 10:13:42
Local clock offset: -1.825 ms
Remote clock offset: -2.279 ms

Below is generated by plot.py at 2017-09-03 11:44:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 10.00 Mbit/s
95th percentile per-packet one-way delay: 49.080 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 10.00 Mbit/s
95th percentile per-packet one-way delay: 49.080 ms
Loss rate: 0.01%

Run 7: Report of KohoCC — Data Link

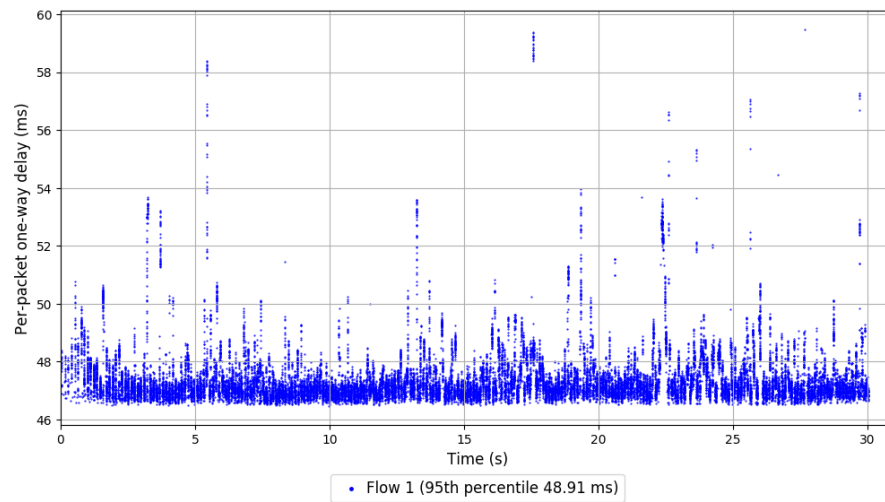
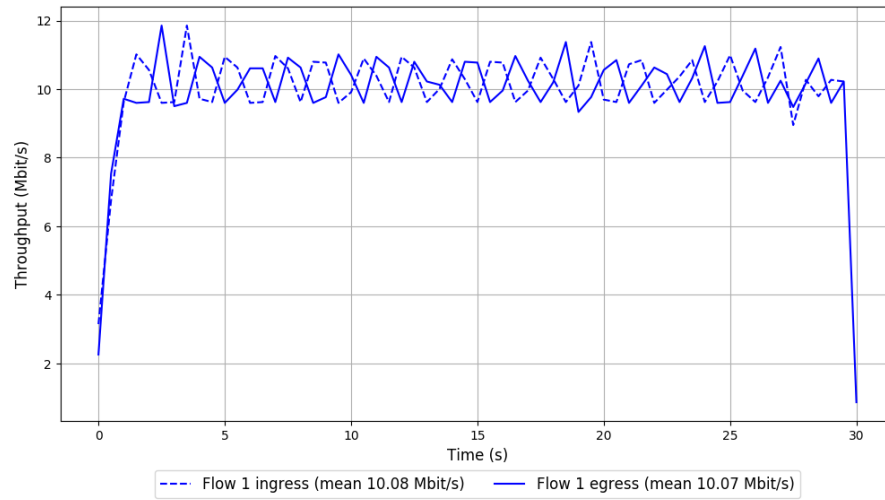


Run 8: Statistics of KohoCC

Start at: 2017-09-03 10:31:27
End at: 2017-09-03 10:31:57
Local clock offset: -1.755 ms
Remote clock offset: -2.372 ms

Below is generated by plot.py at 2017-09-03 11:44:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 10.07 Mbit/s
95th percentile per-packet one-way delay: 48.907 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 10.07 Mbit/s
95th percentile per-packet one-way delay: 48.907 ms
Loss rate: 0.11%

Run 8: Report of KohoCC — Data Link

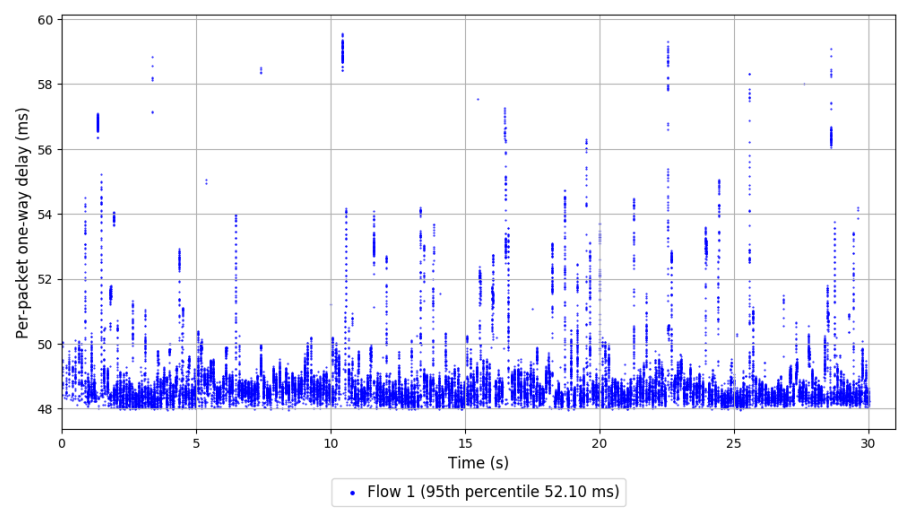
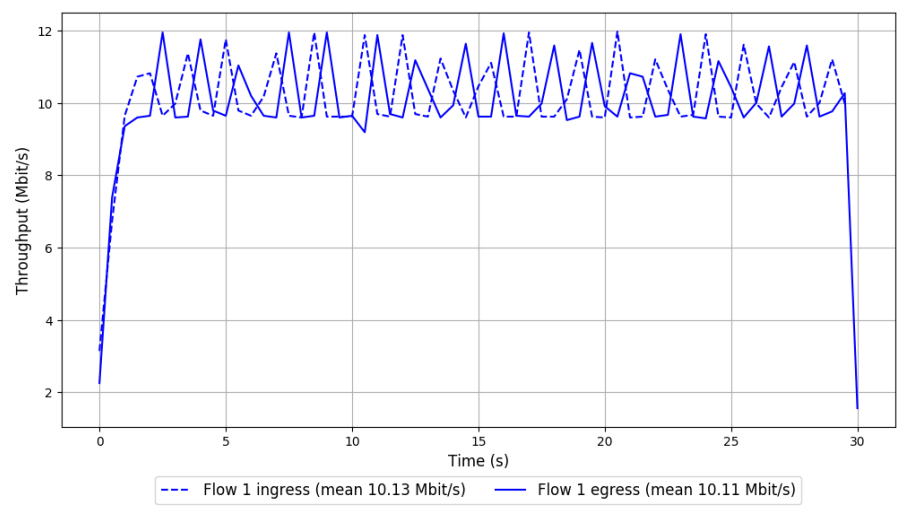


Run 9: Statistics of KohoCC

Start at: 2017-09-03 10:49:39
End at: 2017-09-03 10:50:09
Local clock offset: -3.297 ms
Remote clock offset: -2.339 ms

Below is generated by plot.py at 2017-09-03 11:44:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 10.11 Mbit/s
95th percentile per-packet one-way delay: 52.103 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 10.11 Mbit/s
95th percentile per-packet one-way delay: 52.103 ms
Loss rate: 0.23%

Run 9: Report of KohoCC — Data Link



Run 10: Statistics of KohoCC

Start at: 2017-09-03 11:07:48

End at: 2017-09-03 11:08:18

Local clock offset: -2.884 ms

Remote clock offset: -2.333 ms

Below is generated by plot.py at 2017-09-03 11:44:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 9.96 Mbit/s

95th percentile per-packet one-way delay: 58.417 ms

Loss rate: 0.07%

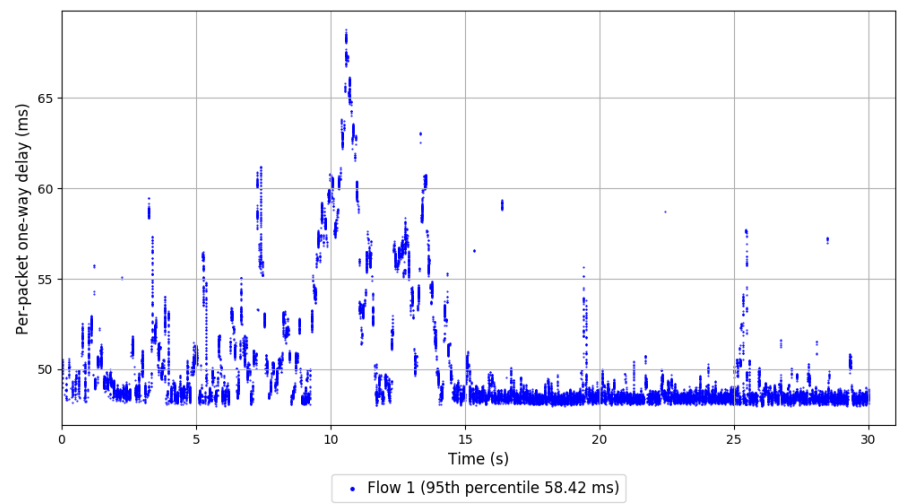
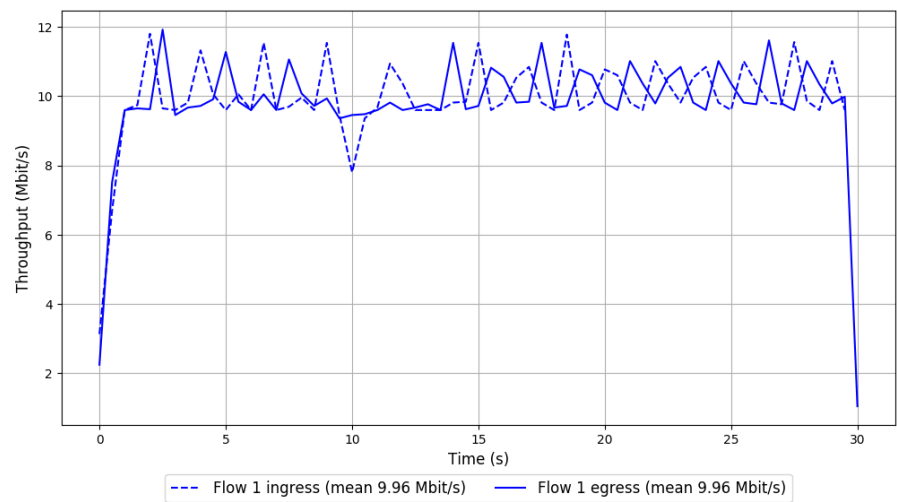
-- Flow 1:

Average throughput: 9.96 Mbit/s

95th percentile per-packet one-way delay: 58.417 ms

Loss rate: 0.07%

Run 10: Report of KohoCC — Data Link

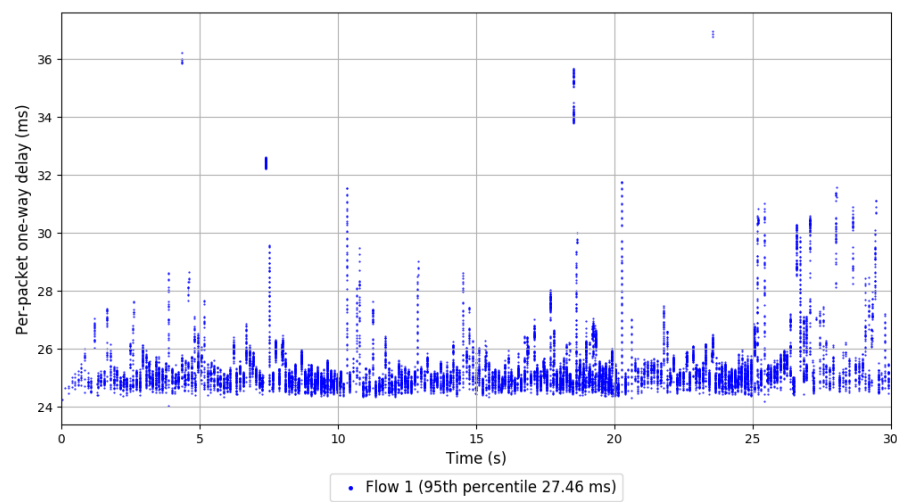
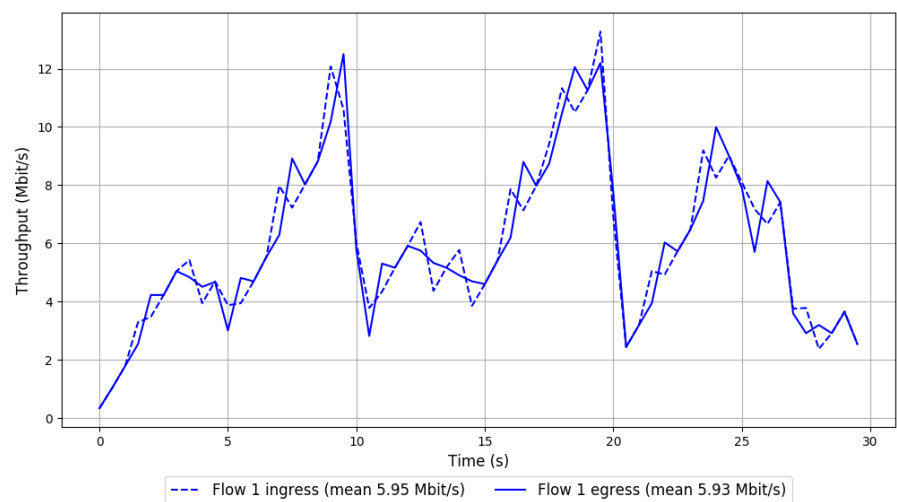


```
Run 1: Statistics of LEDBAT

Start at: 2017-09-03 08:28:33
End at: 2017-09-03 08:29:03
Local clock offset: 21.185 ms
Remote clock offset: -2.805 ms

# Below is generated by plot.py at 2017-09-03 11:44:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.93 Mbit/s
95th percentile per-packet one-way delay: 27.462 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 5.93 Mbit/s
95th percentile per-packet one-way delay: 27.462 ms
Loss rate: 0.28%
```


Run 1: Report of LEDBAT — Data Link

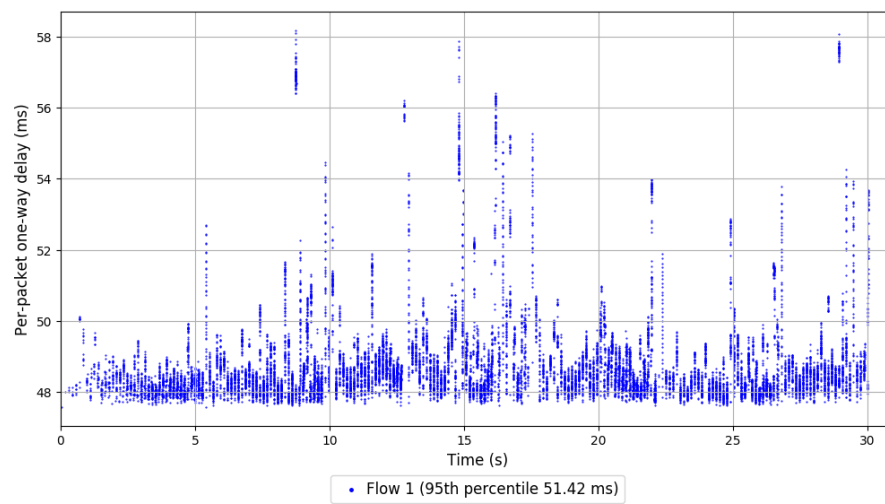
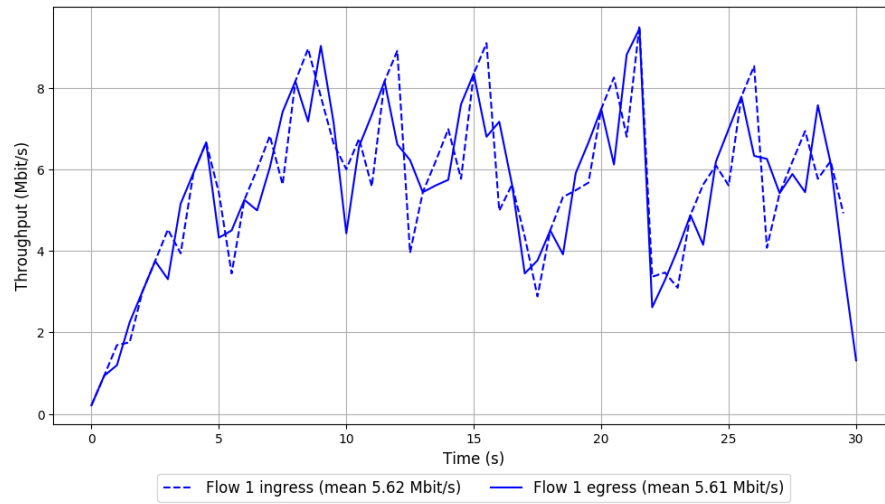


Run 2: Statistics of LEDBAT

Start at: 2017-09-03 08:46:50
End at: 2017-09-03 08:47:20
Local clock offset: -2.362 ms
Remote clock offset: -2.514 ms

Below is generated by plot.py at 2017-09-03 11:44:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 5.61 Mbit/s
95th percentile per-packet one-way delay: 51.422 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 5.61 Mbit/s
95th percentile per-packet one-way delay: 51.422 ms
Loss rate: 0.15%

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

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

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

Local clock offset: -1.092 ms

Remote clock offset: -2.03 ms

Below is generated by plot.py at 2017-09-03 11:44:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.45 Mbit/s

95th percentile per-packet one-way delay: 51.637 ms

Loss rate: 0.24%

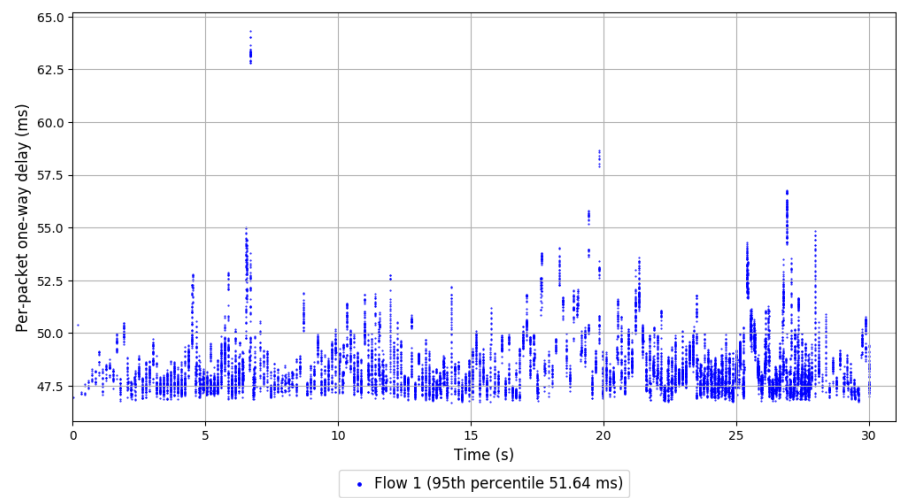
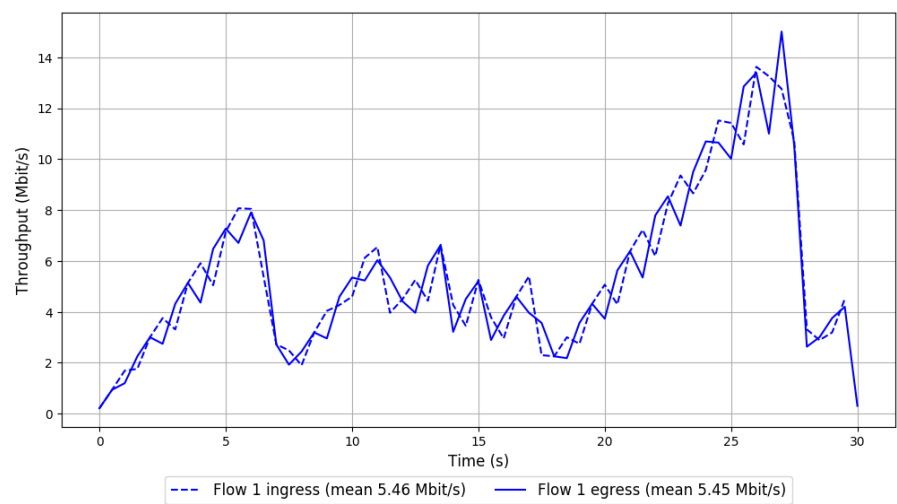
-- Flow 1:

Average throughput: 5.45 Mbit/s

95th percentile per-packet one-way delay: 51.637 ms

Loss rate: 0.24%

Run 3: Report of LEDBAT — Data Link

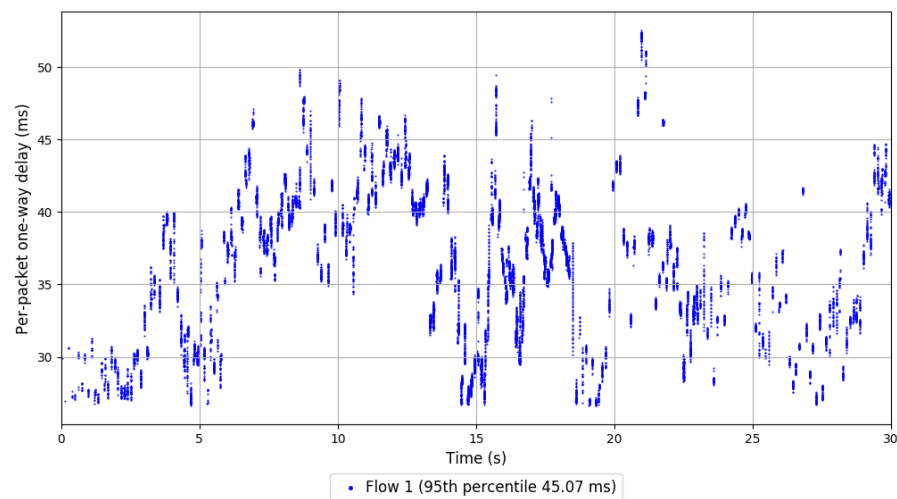
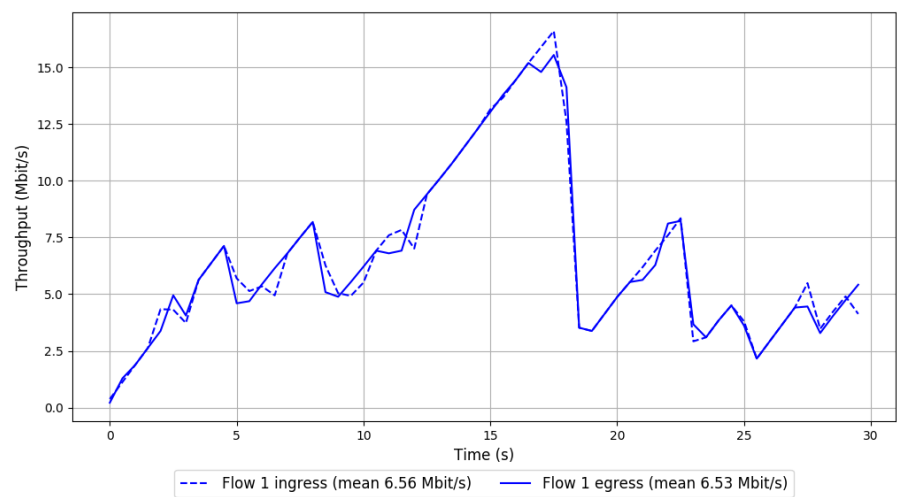


Run 4: Statistics of LEDBAT

Start at: 2017-09-03 09:23:11
End at: 2017-09-03 09:23:41
Local clock offset: 18.816 ms
Remote clock offset: -2.157 ms

Below is generated by plot.py at 2017-09-03 11:44:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 6.53 Mbit/s
95th percentile per-packet one-way delay: 45.068 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 6.53 Mbit/s
95th percentile per-packet one-way delay: 45.068 ms
Loss rate: 0.37%

Run 4: Report of LEDBAT — Data Link

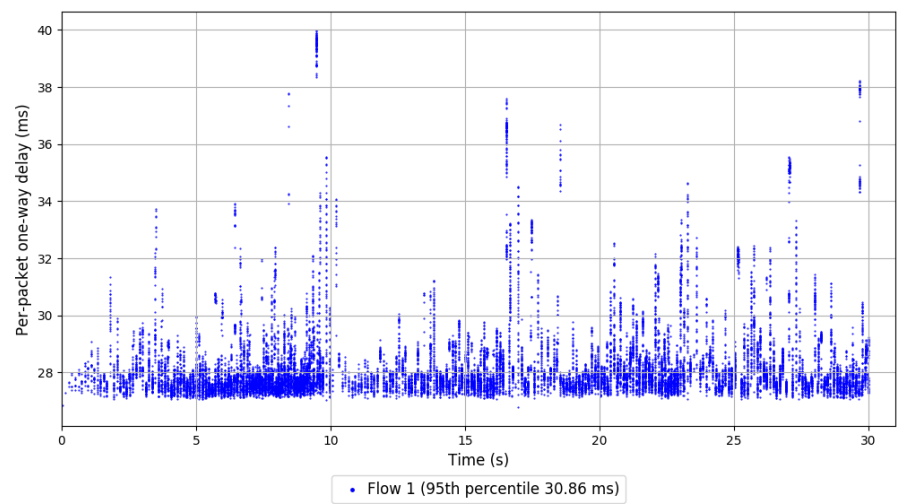
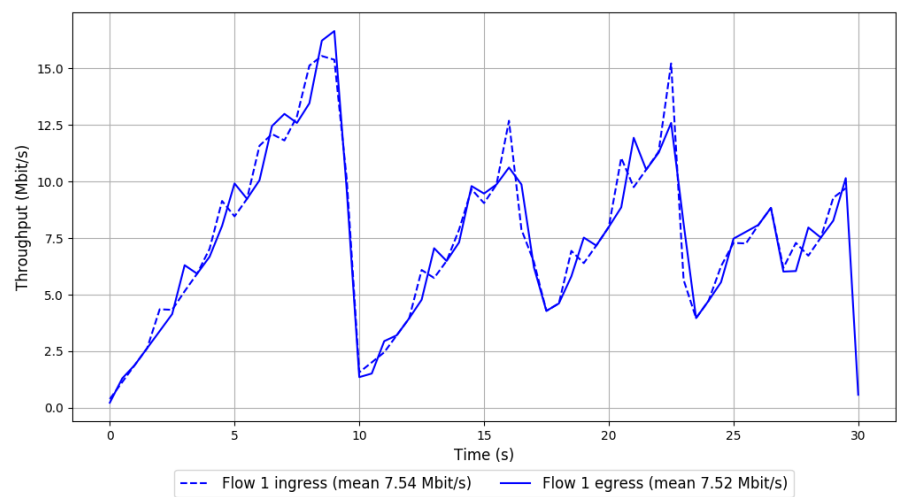


Run 5: Statistics of LEDBAT

Start at: 2017-09-03 09:41:23
End at: 2017-09-03 09:41:53
Local clock offset: 18.14 ms
Remote clock offset: -2.196 ms

Below is generated by plot.py at 2017-09-03 11:44:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 7.52 Mbit/s
95th percentile per-packet one-way delay: 30.857 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 7.52 Mbit/s
95th percentile per-packet one-way delay: 30.857 ms
Loss rate: 0.30%

Run 5: Report of LEDBAT — Data Link

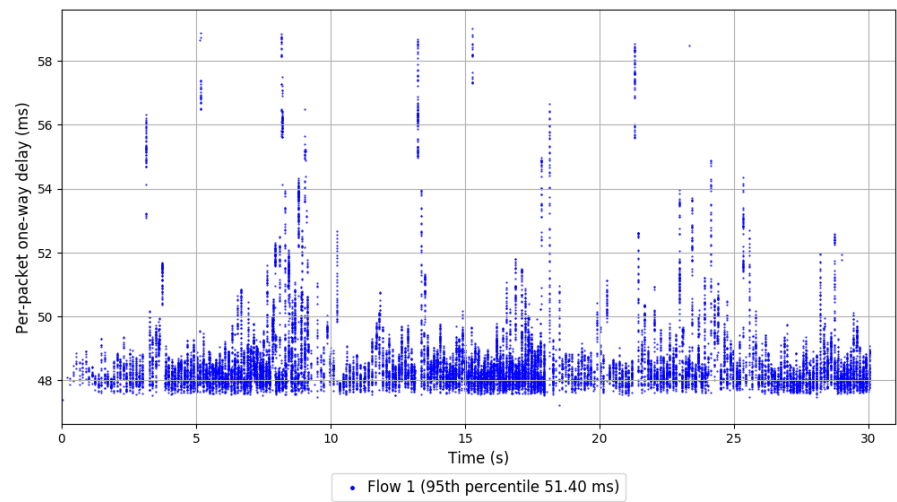
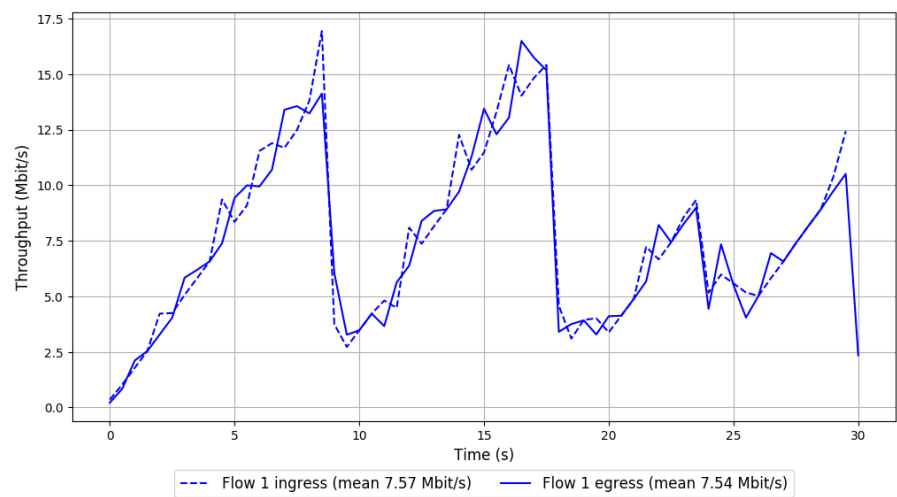


Run 6: Statistics of LEDBAT

Start at: 2017-09-03 09:59:43
End at: 2017-09-03 10:00:13
Local clock offset: -3.067 ms
Remote clock offset: -2.271 ms

Below is generated by plot.py at 2017-09-03 11:44:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 7.54 Mbit/s
95th percentile per-packet one-way delay: 51.403 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 7.54 Mbit/s
95th percentile per-packet one-way delay: 51.403 ms
Loss rate: 0.36%

Run 6: Report of LEDBAT — Data Link

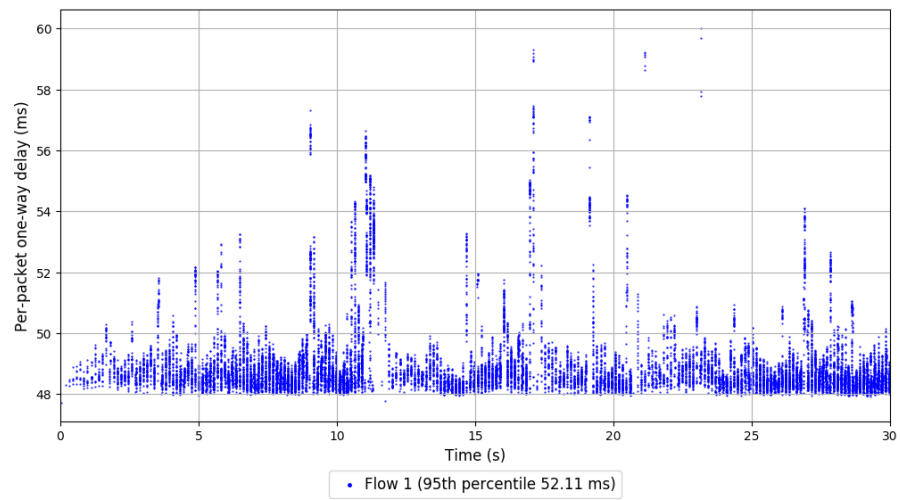
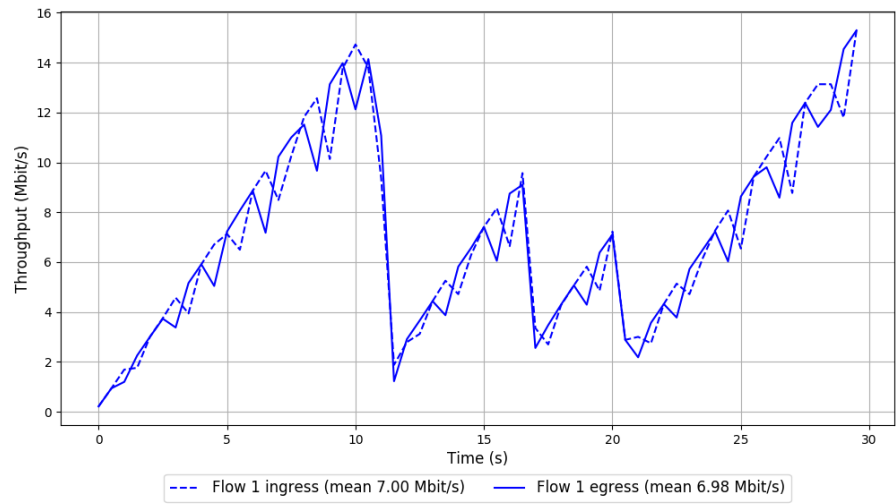


Run 7: Statistics of LEDBAT

Start at: 2017-09-03 10:17:59
End at: 2017-09-03 10:18:29
Local clock offset: -3.248 ms
Remote clock offset: -2.372 ms

Below is generated by plot.py at 2017-09-03 11:44:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 6.98 Mbit/s
95th percentile per-packet one-way delay: 52.109 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 6.98 Mbit/s
95th percentile per-packet one-way delay: 52.109 ms
Loss rate: 0.27%

Run 7: Report of LEDBAT — Data Link

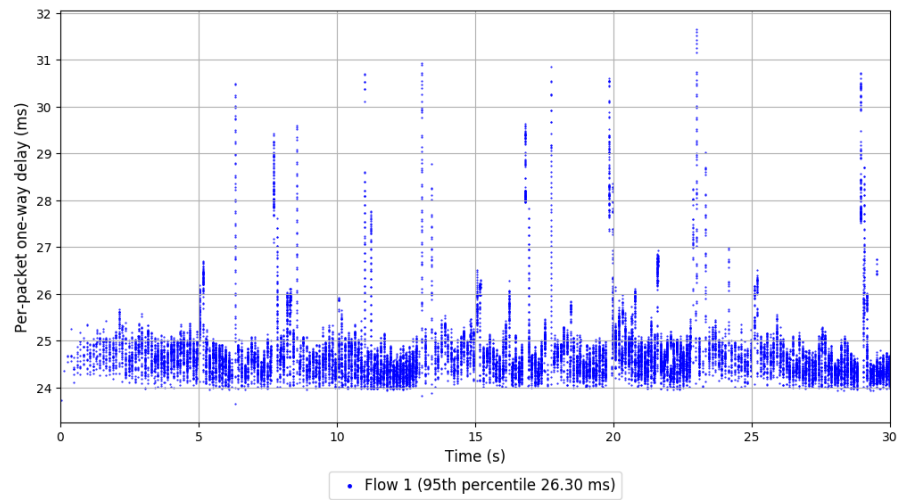
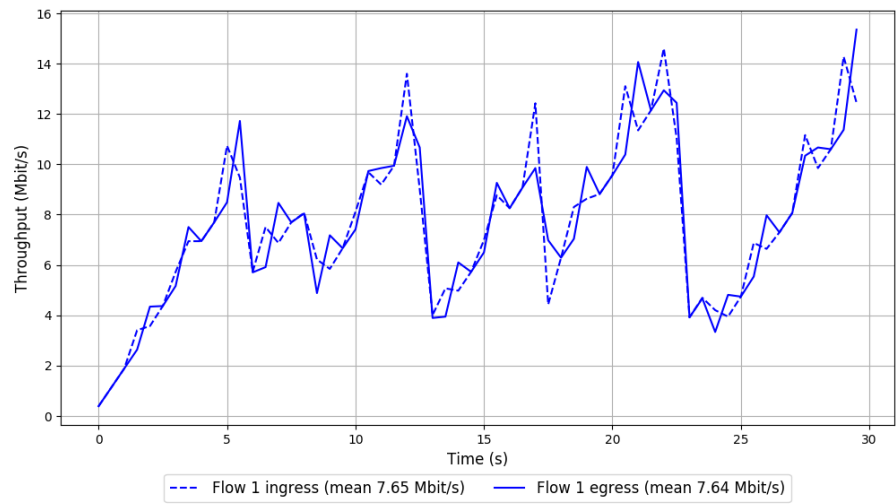


Run 8: Statistics of LEDBAT

Start at: 2017-09-03 10:36:12
End at: 2017-09-03 10:36:42
Local clock offset: 20.779 ms
Remote clock offset: -2.314 ms

Below is generated by plot.py at 2017-09-03 11:44:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 7.64 Mbit/s
95th percentile per-packet one-way delay: 26.300 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 7.64 Mbit/s
95th percentile per-packet one-way delay: 26.300 ms
Loss rate: 0.11%

Run 8: Report of LEDBAT — Data Link

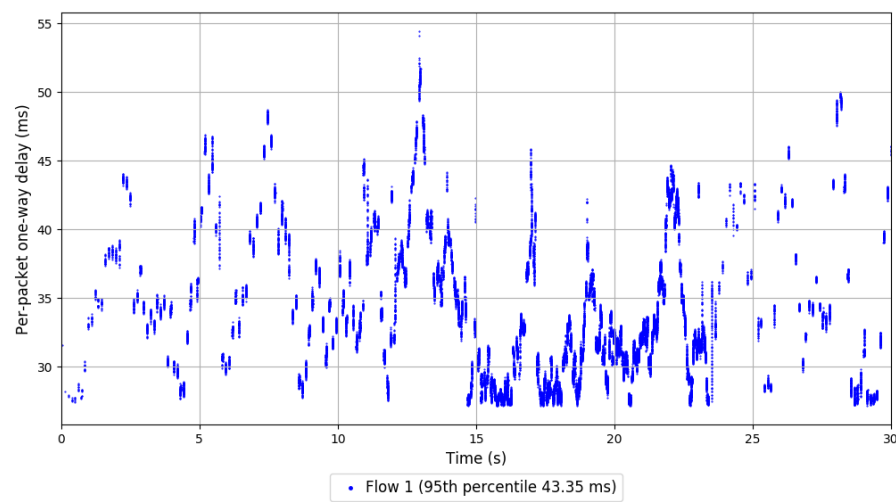
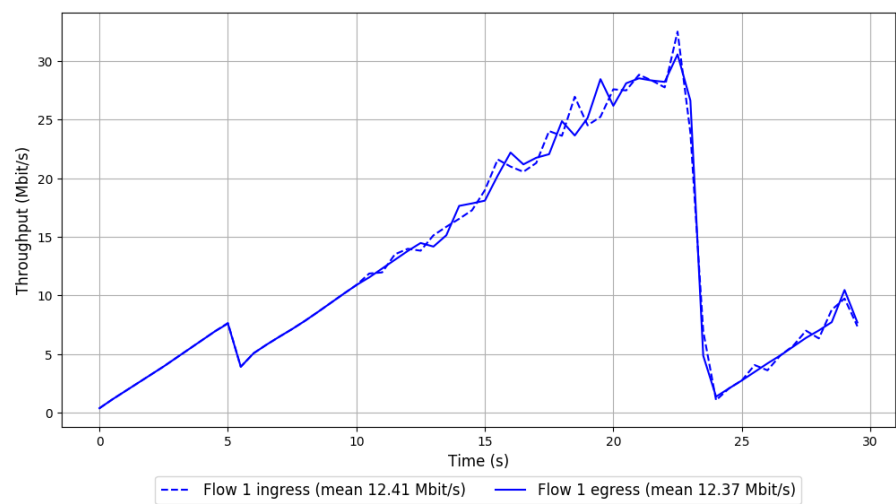


Run 9: Statistics of LEDBAT

Start at: 2017-09-03 10:54:26
End at: 2017-09-03 10:54:56
Local clock offset: 17.364 ms
Remote clock offset: -2.306 ms

Below is generated by plot.py at 2017-09-03 11:44:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.37 Mbit/s
95th percentile per-packet one-way delay: 43.354 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 12.37 Mbit/s
95th percentile per-packet one-way delay: 43.354 ms
Loss rate: 0.25%

Run 9: Report of LEDBAT — Data Link

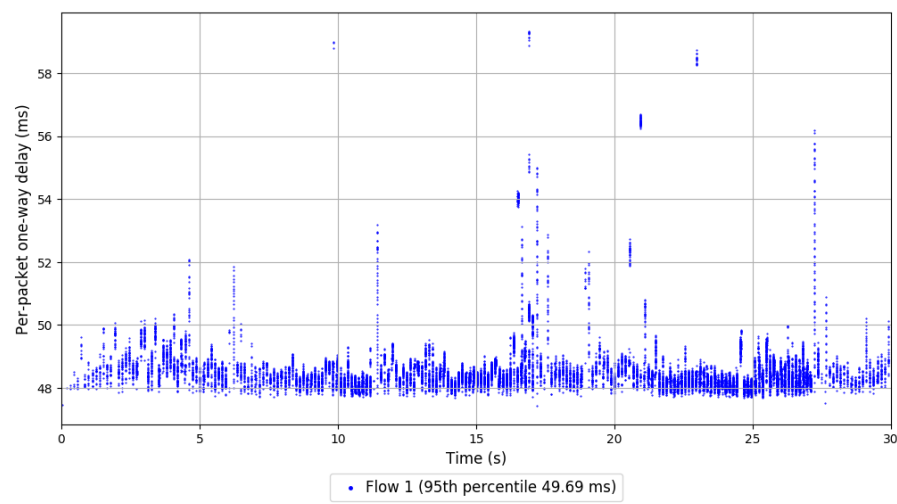
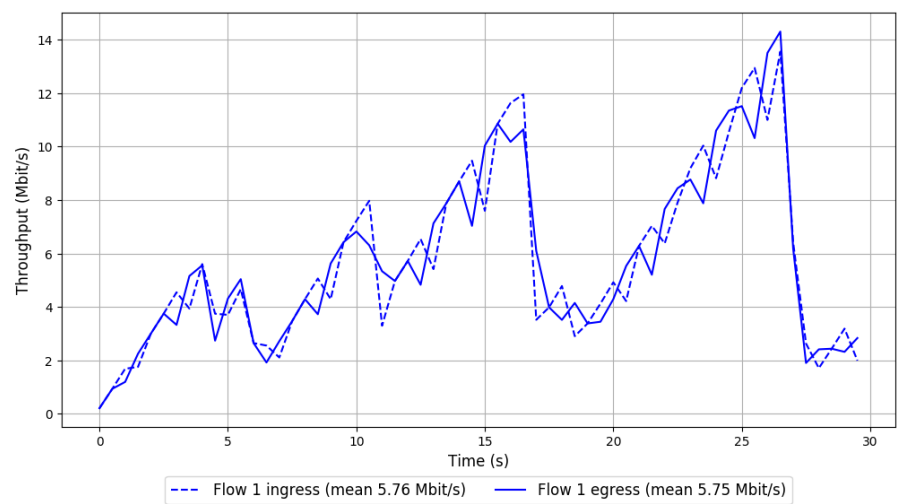


Run 10: Statistics of LEDBAT

Start at: 2017-09-03 11:12:39
End at: 2017-09-03 11:13:09
Local clock offset: -2.792 ms
Remote clock offset: -2.348 ms

Below is generated by plot.py at 2017-09-03 11:44:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 5.75 Mbit/s
95th percentile per-packet one-way delay: 49.688 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 5.75 Mbit/s
95th percentile per-packet one-way delay: 49.688 ms
Loss rate: 0.19%

Run 10: Report of LEDBAT — Data Link

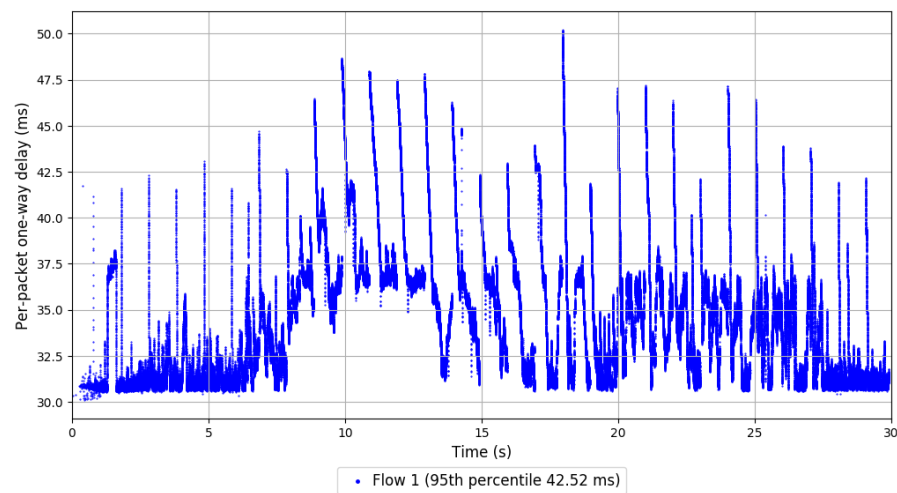
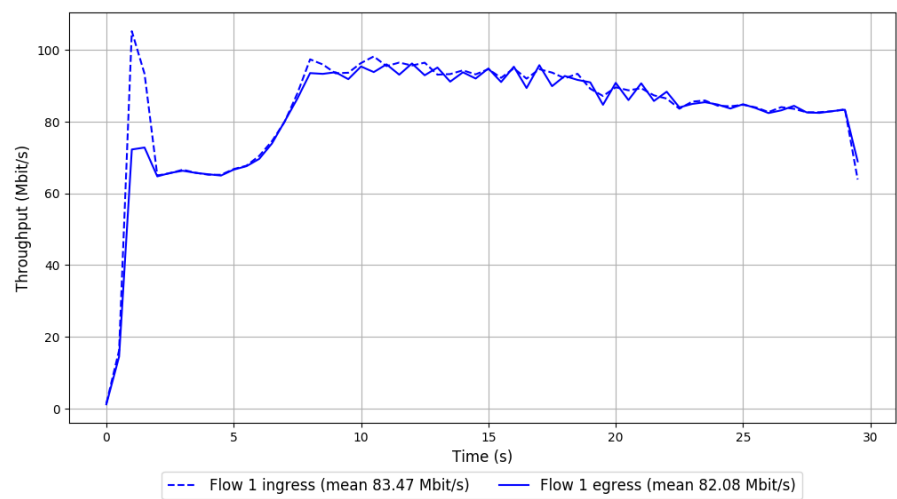


```
Run 1: Statistics of PCC

Start at: 2017-09-03 08:34:34
End at: 2017-09-03 08:35:04
Local clock offset: 15.046 ms
Remote clock offset: -2.693 ms

# Below is generated by plot.py at 2017-09-03 11:44:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.08 Mbit/s
95th percentile per-packet one-way delay: 42.524 ms
Loss rate: 1.68%
-- Flow 1:
Average throughput: 82.08 Mbit/s
95th percentile per-packet one-way delay: 42.524 ms
Loss rate: 1.68%
```

Run 1: Report of PCC — Data Link

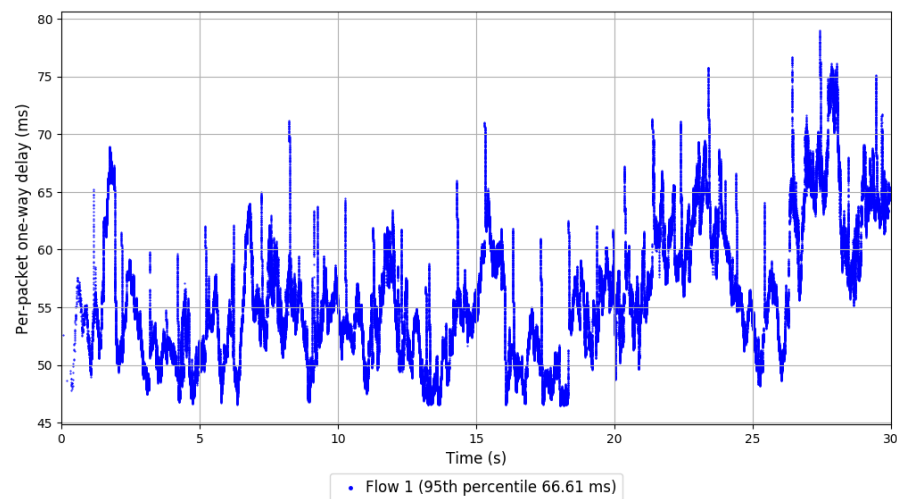
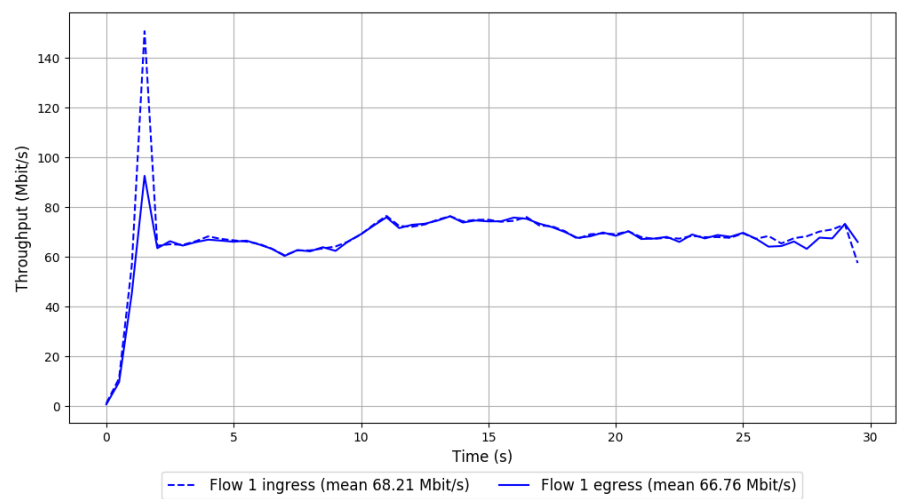


Run 2: Statistics of PCC

Start at: 2017-09-03 08:52:48
End at: 2017-09-03 08:53:18
Local clock offset: -0.927 ms
Remote clock offset: -2.398 ms

Below is generated by plot.py at 2017-09-03 11:44:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 66.76 Mbit/s
95th percentile per-packet one-way delay: 66.607 ms
Loss rate: 2.15%
-- Flow 1:
Average throughput: 66.76 Mbit/s
95th percentile per-packet one-way delay: 66.607 ms
Loss rate: 2.15%

Run 2: Report of PCC — Data Link

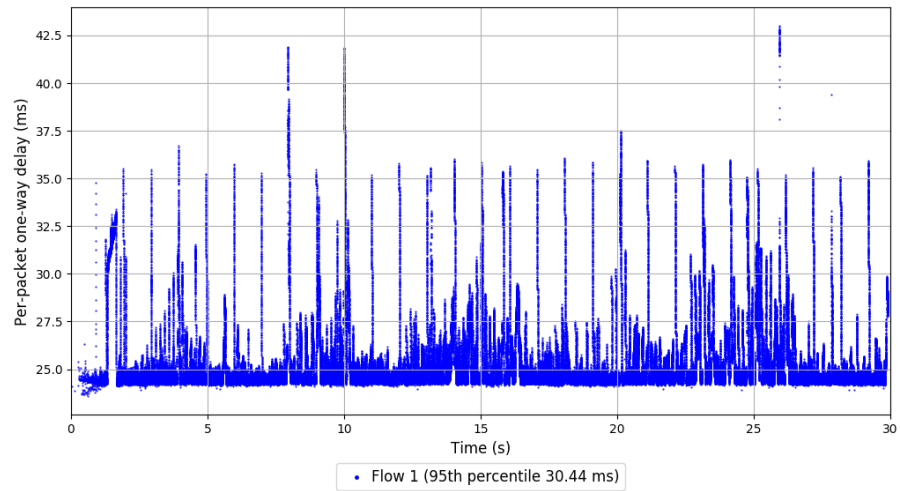
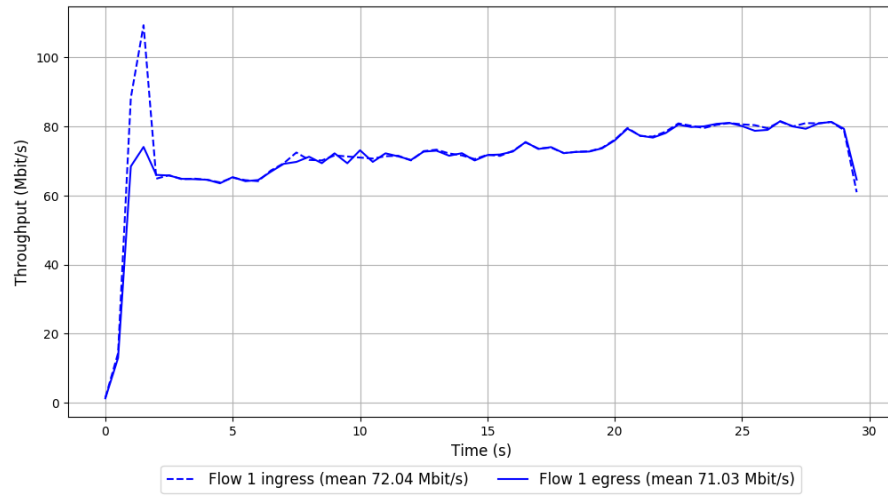


Run 3: Statistics of PCC

Start at: 2017-09-03 09:10:58
End at: 2017-09-03 09:11:28
Local clock offset: 21.389 ms
Remote clock offset: -2.087 ms

Below is generated by plot.py at 2017-09-03 11:44:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 71.03 Mbit/s
95th percentile per-packet one-way delay: 30.442 ms
Loss rate: 1.40%
-- Flow 1:
Average throughput: 71.03 Mbit/s
95th percentile per-packet one-way delay: 30.442 ms
Loss rate: 1.40%

Run 3: Report of PCC — Data Link



Run 4: Statistics of PCC

Start at: 2017-09-03 09:29:10

End at: 2017-09-03 09:29:40

Local clock offset: -2.455 ms

Remote clock offset: -2.07 ms

Below is generated by plot.py at 2017-09-03 11:44:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.34 Mbit/s

95th percentile per-packet one-way delay: 73.803 ms

Loss rate: 1.72%

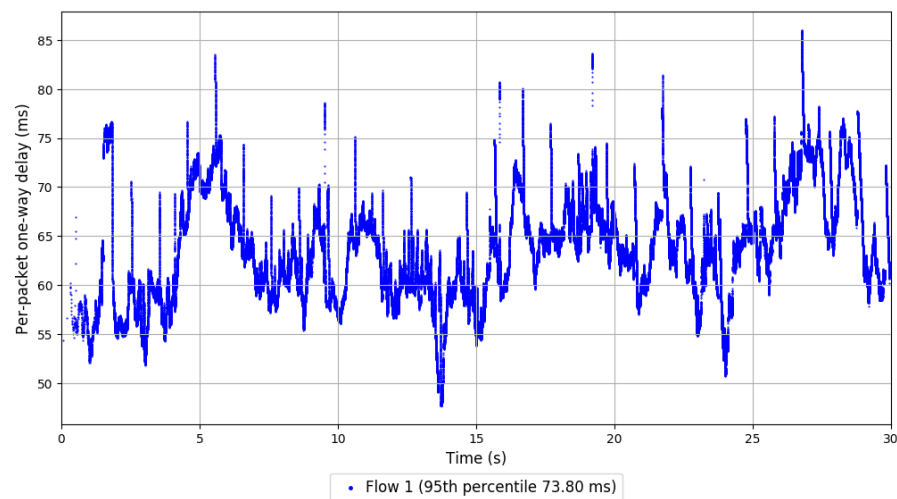
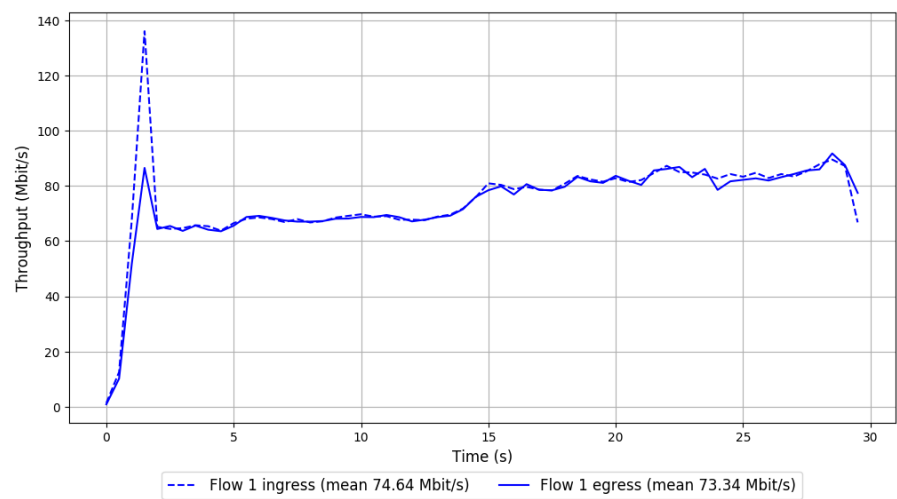
-- Flow 1:

Average throughput: 73.34 Mbit/s

95th percentile per-packet one-way delay: 73.803 ms

Loss rate: 1.72%

Run 4: Report of PCC — Data Link

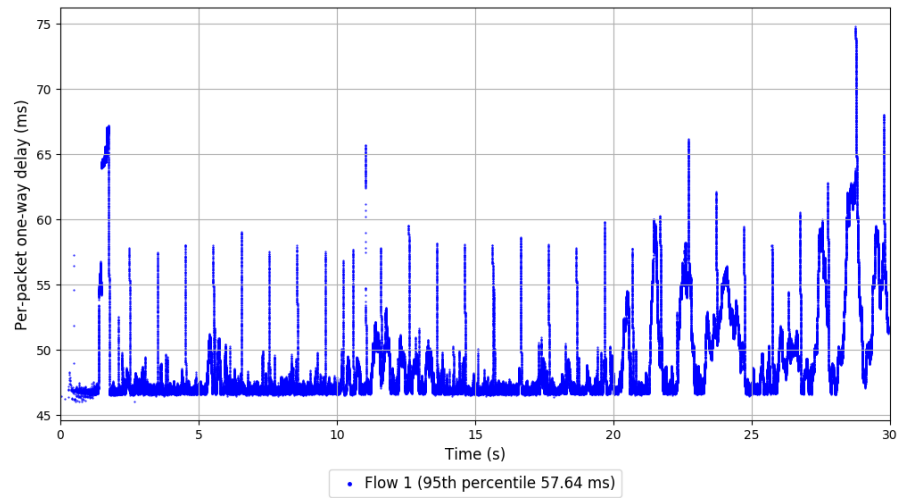
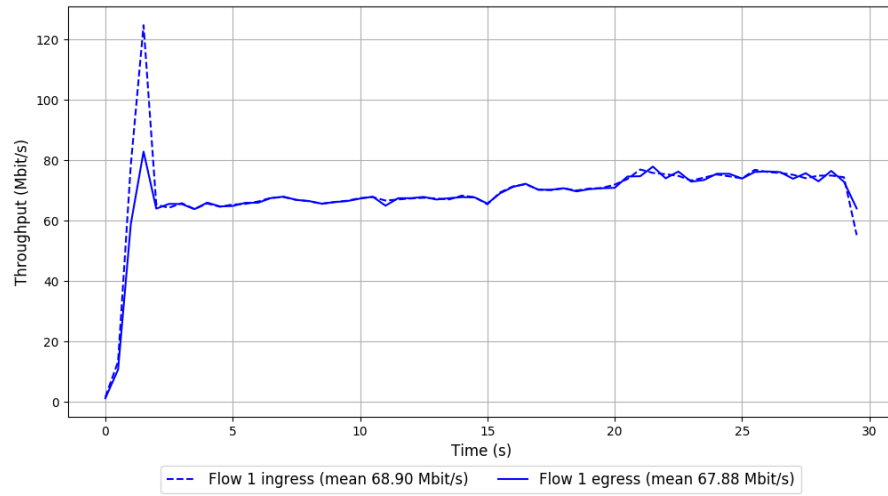


Run 5: Statistics of PCC

Start at: 2017-09-03 09:47:22
End at: 2017-09-03 09:47:52
Local clock offset: -1.447 ms
Remote clock offset: -2.125 ms

Below is generated by plot.py at 2017-09-03 11:45:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 67.88 Mbit/s
95th percentile per-packet one-way delay: 57.636 ms
Loss rate: 1.46%
-- Flow 1:
Average throughput: 67.88 Mbit/s
95th percentile per-packet one-way delay: 57.636 ms
Loss rate: 1.46%

Run 5: Report of PCC — Data Link

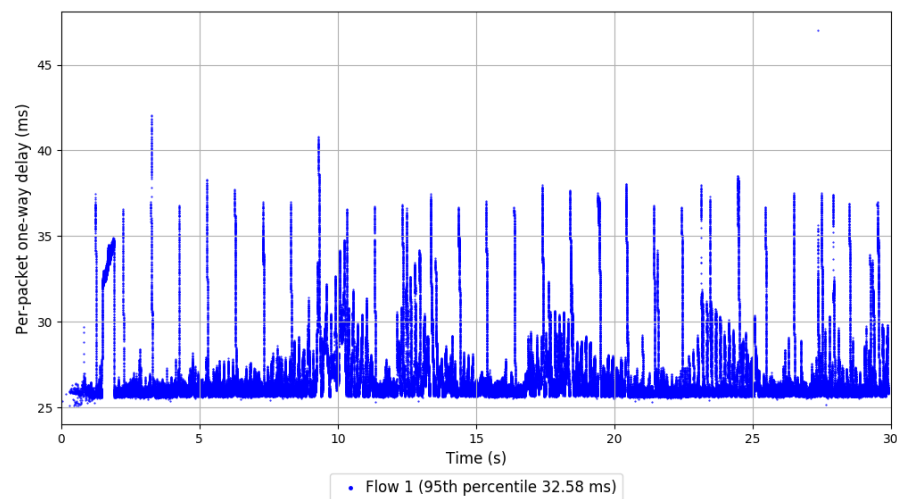
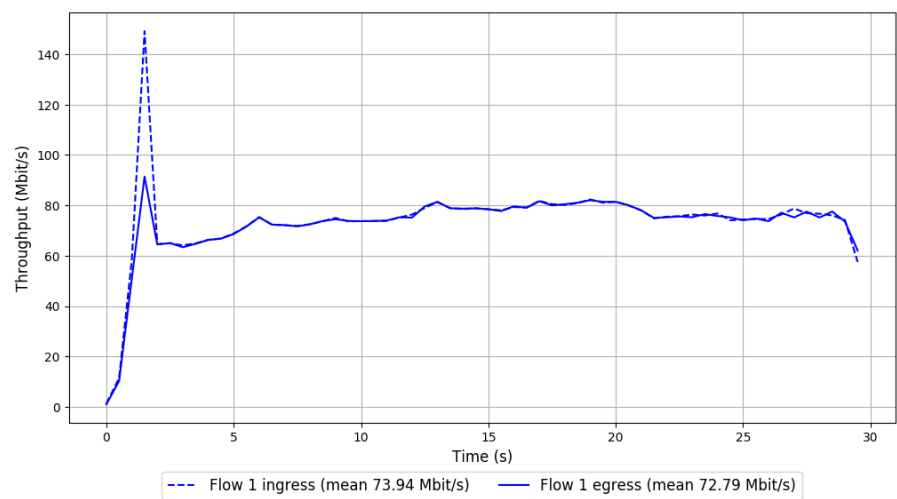


Run 6: Statistics of PCC

Start at: 2017-09-03 10:05:42
End at: 2017-09-03 10:06:12
Local clock offset: 19.021 ms
Remote clock offset: -2.195 ms

Below is generated by plot.py at 2017-09-03 11:45:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 72.79 Mbit/s
95th percentile per-packet one-way delay: 32.576 ms
Loss rate: 1.55%
-- Flow 1:
Average throughput: 72.79 Mbit/s
95th percentile per-packet one-way delay: 32.576 ms
Loss rate: 1.55%

Run 6: Report of PCC — Data Link

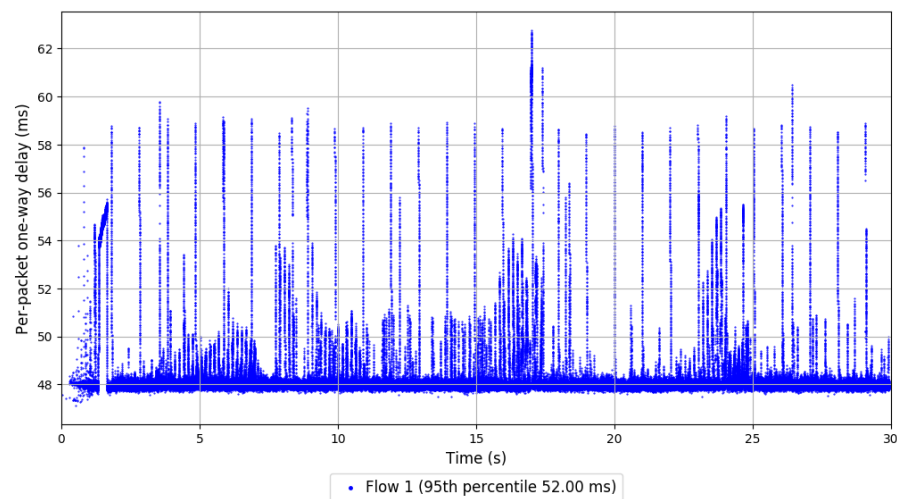
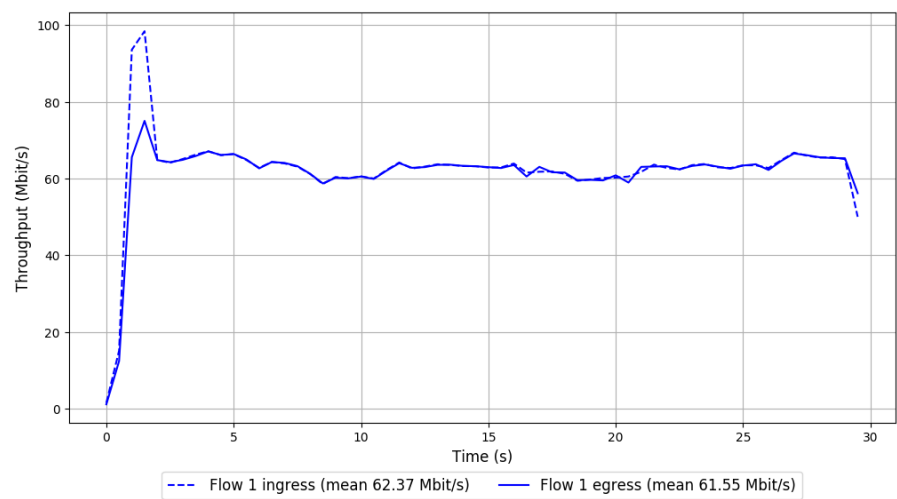


Run 7: Statistics of PCC

Start at: 2017-09-03 10:24:02
End at: 2017-09-03 10:24:32
Local clock offset: -3.252 ms
Remote clock offset: -2.356 ms

Below is generated by plot.py at 2017-09-03 11:45:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 61.55 Mbit/s
95th percentile per-packet one-way delay: 52.000 ms
Loss rate: 1.35%
-- Flow 1:
Average throughput: 61.55 Mbit/s
95th percentile per-packet one-way delay: 52.000 ms
Loss rate: 1.35%

Run 7: Report of PCC — Data Link

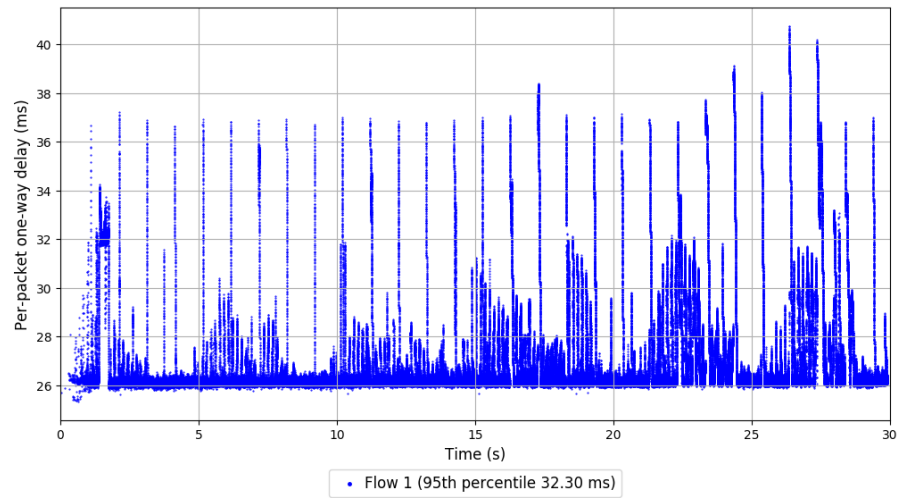
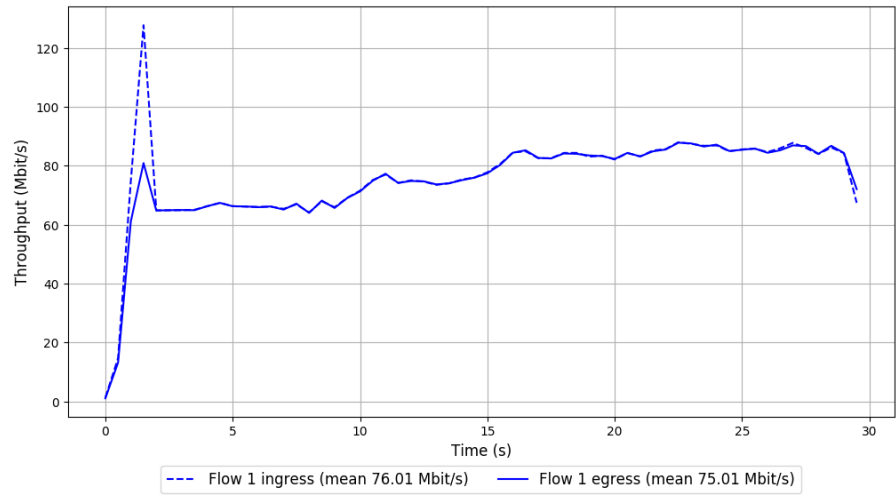


Run 8: Statistics of PCC

Start at: 2017-09-03 10:42:13
End at: 2017-09-03 10:42:43
Local clock offset: 18.561 ms
Remote clock offset: -2.274 ms

Below is generated by plot.py at 2017-09-03 11:45:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 75.01 Mbit/s
95th percentile per-packet one-way delay: 32.302 ms
Loss rate: 1.31%
-- Flow 1:
Average throughput: 75.01 Mbit/s
95th percentile per-packet one-way delay: 32.302 ms
Loss rate: 1.31%

Run 8: Report of PCC — Data Link

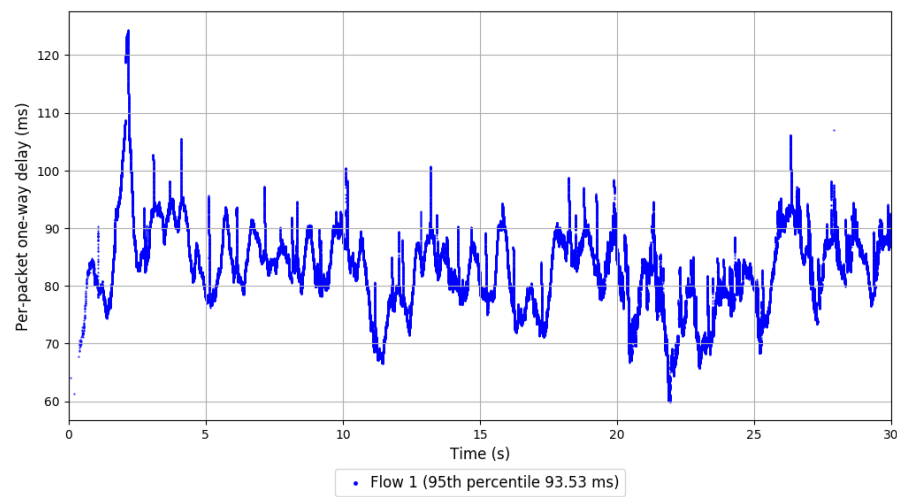
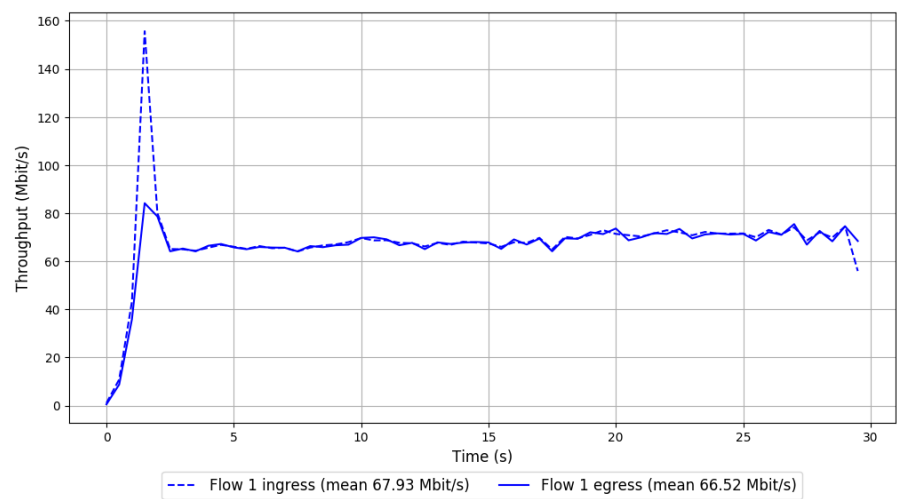


Run 9: Statistics of PCC

Start at: 2017-09-03 11:00:24
End at: 2017-09-03 11:00:54
Local clock offset: -3.145 ms
Remote clock offset: -2.418 ms

Below is generated by plot.py at 2017-09-03 11:45:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 66.52 Mbit/s
95th percentile per-packet one-way delay: 93.529 ms
Loss rate: 1.99%
-- Flow 1:
Average throughput: 66.52 Mbit/s
95th percentile per-packet one-way delay: 93.529 ms
Loss rate: 1.99%

Run 9: Report of PCC — Data Link

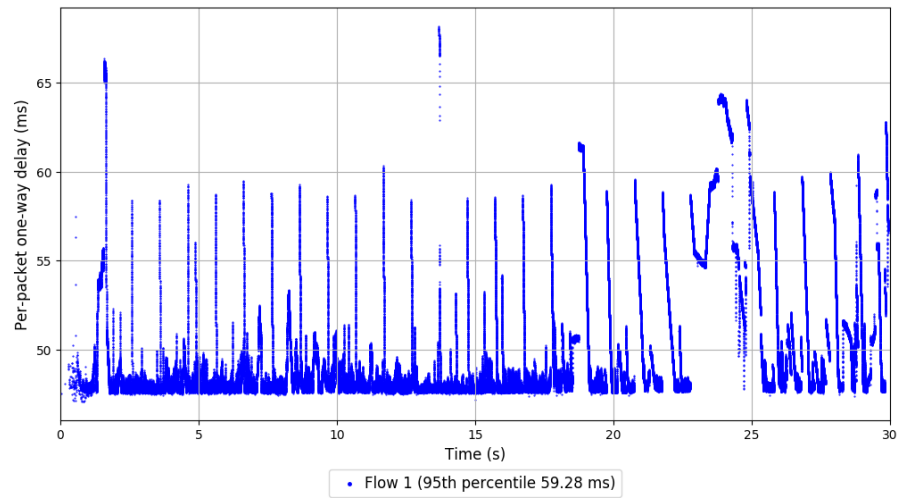
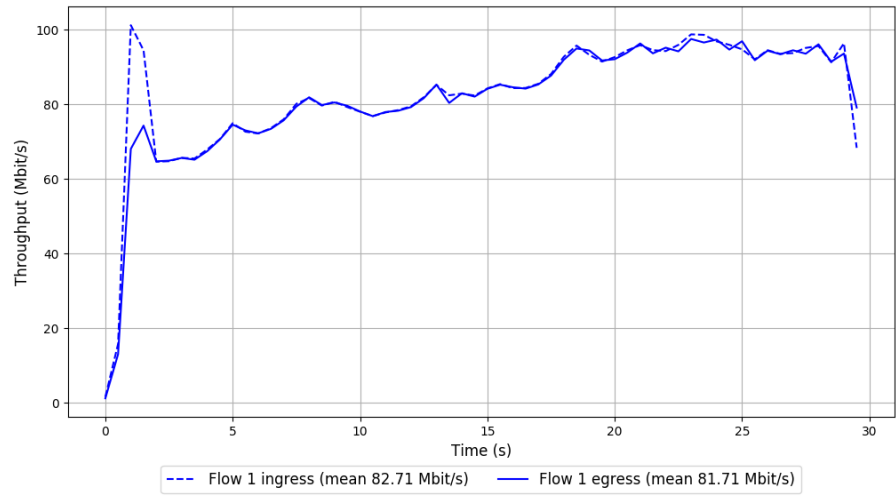


Run 10: Statistics of PCC

Start at: 2017-09-03 11:18:44
End at: 2017-09-03 11:19:14
Local clock offset: -2.632 ms
Remote clock offset: -2.322 ms

Below is generated by plot.py at 2017-09-03 11:45:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 81.71 Mbit/s
95th percentile per-packet one-way delay: 59.278 ms
Loss rate: 1.18%
-- Flow 1:
Average throughput: 81.71 Mbit/s
95th percentile per-packet one-way delay: 59.278 ms
Loss rate: 1.18%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2017-09-03 08:26:08

End at: 2017-09-03 08:26:38

Local clock offset: -2.403 ms

Remote clock offset: -2.885 ms

Below is generated by plot.py at 2017-09-03 11:45:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 21.21 Mbit/s

95th percentile per-packet one-way delay: 53.449 ms

Loss rate: 0.14%

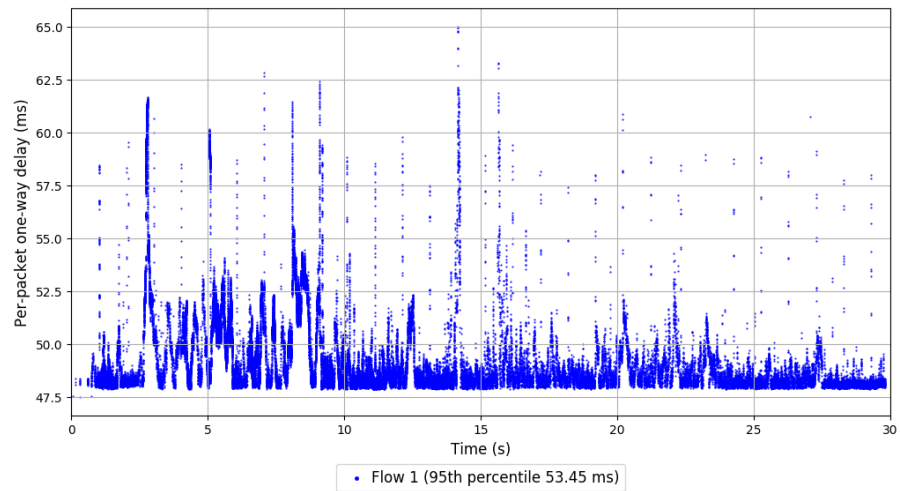
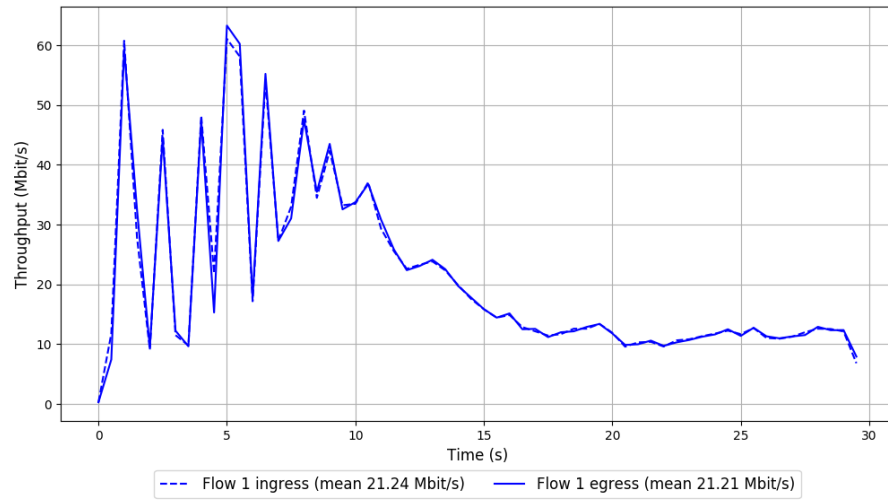
-- Flow 1:

Average throughput: 21.21 Mbit/s

95th percentile per-packet one-way delay: 53.449 ms

Loss rate: 0.14%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2017-09-03 08:44:28

End at: 2017-09-03 08:44:58

Local clock offset: -1.104 ms

Remote clock offset: -2.657 ms

Below is generated by plot.py at 2017-09-03 11:45:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 26.08 Mbit/s

95th percentile per-packet one-way delay: 53.039 ms

Loss rate: 0.24%

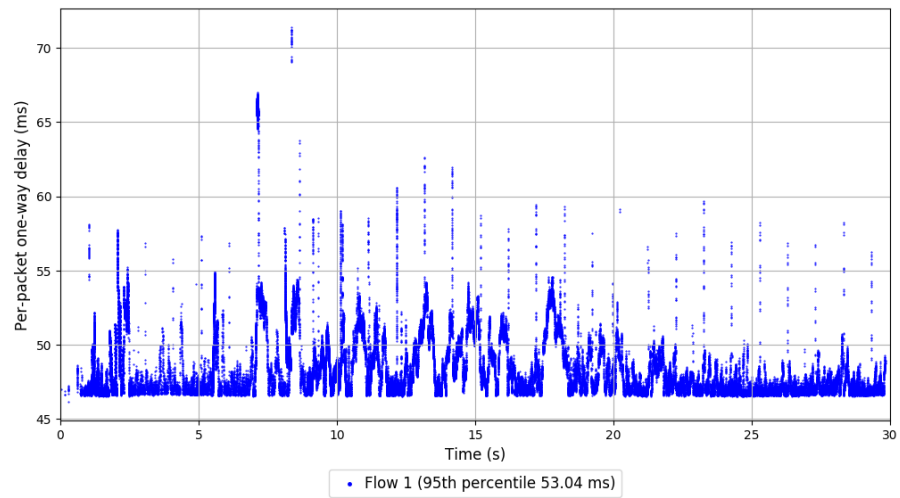
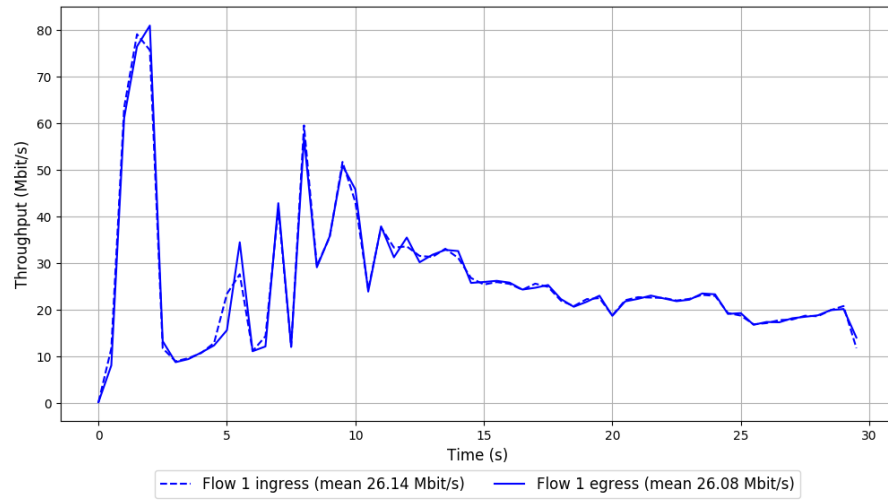
-- Flow 1:

Average throughput: 26.08 Mbit/s

95th percentile per-packet one-way delay: 53.039 ms

Loss rate: 0.24%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2017-09-03 09:02:35

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

Local clock offset: -2.477 ms

Remote clock offset: -2.196 ms

Below is generated by plot.py at 2017-09-03 11:45:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 26.92 Mbit/s

95th percentile per-packet one-way delay: 72.260 ms

Loss rate: 0.16%

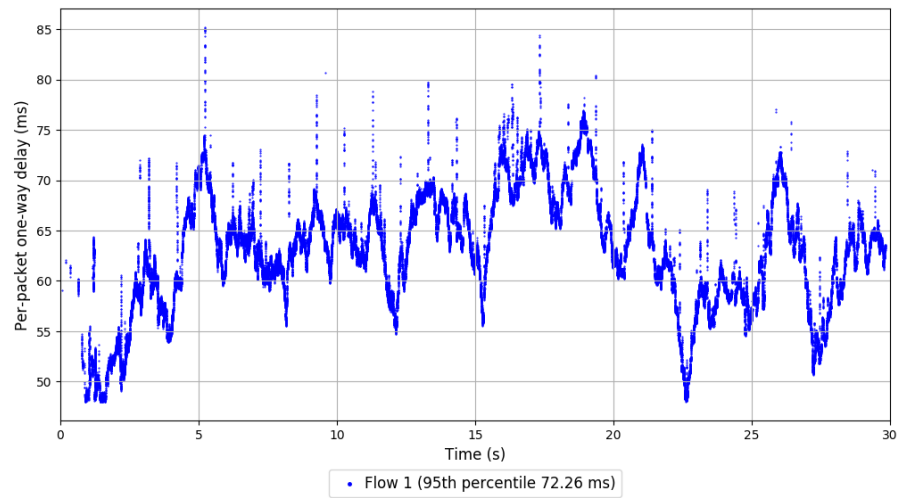
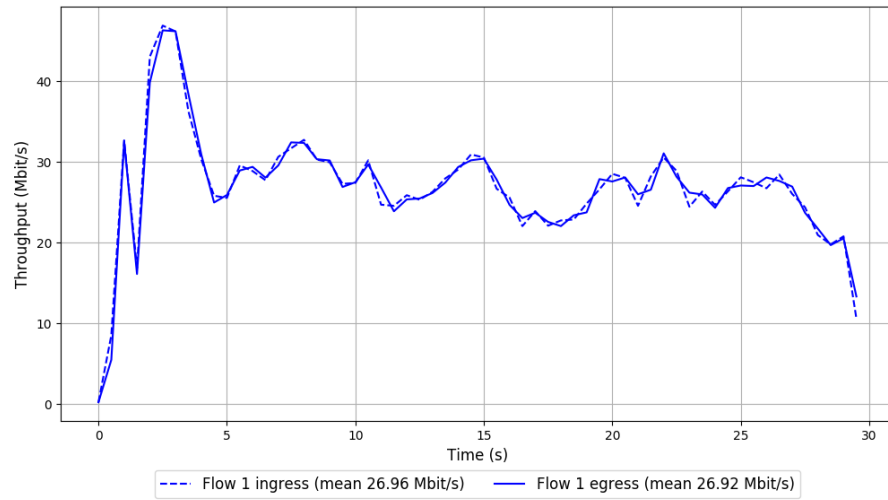
-- Flow 1:

Average throughput: 26.92 Mbit/s

95th percentile per-packet one-way delay: 72.260 ms

Loss rate: 0.16%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2017-09-03 09:20:45

End at: 2017-09-03 09:21:15

Local clock offset: -1.077 ms

Remote clock offset: -6.005 ms

Below is generated by plot.py at 2017-09-03 11:45:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 22.94 Mbit/s

95th percentile per-packet one-way delay: 94.517 ms

Loss rate: 0.06%

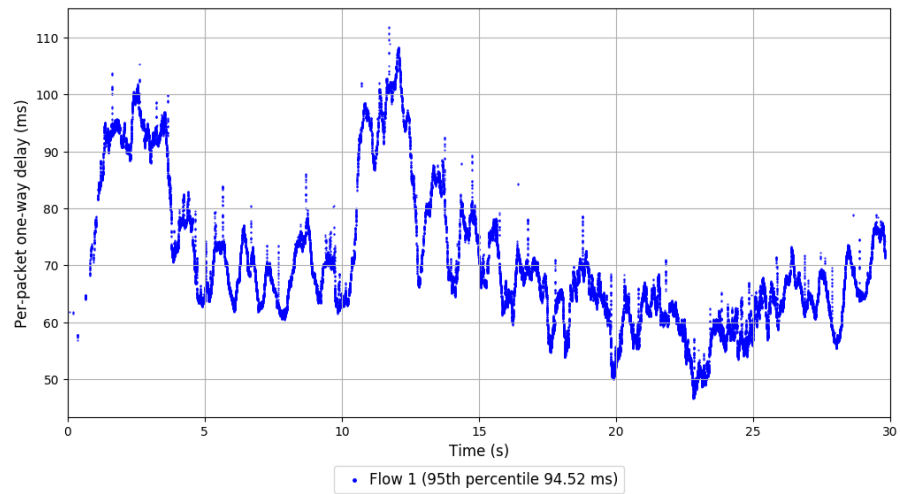
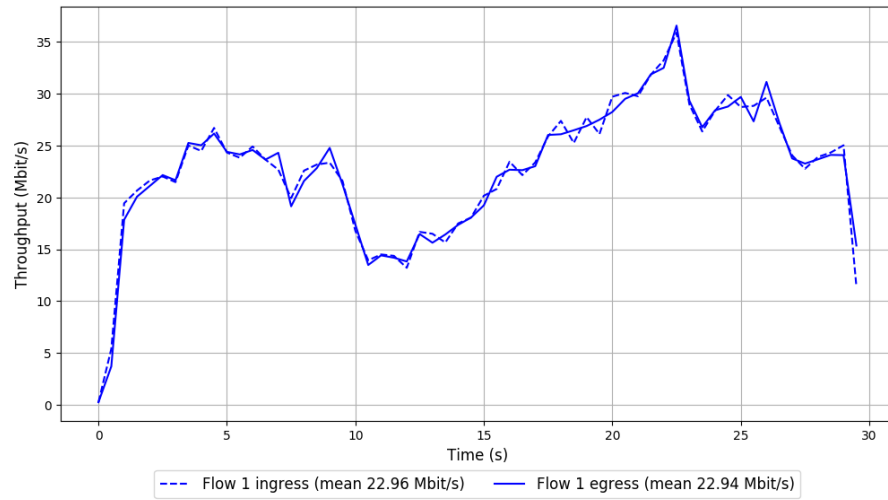
-- Flow 1:

Average throughput: 22.94 Mbit/s

95th percentile per-packet one-way delay: 94.517 ms

Loss rate: 0.06%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2017-09-03 09:38:57

End at: 2017-09-03 09:39:27

Local clock offset: -2.54 ms

Remote clock offset: -2.148 ms

Below is generated by plot.py at 2017-09-03 11:45:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 37.17 Mbit/s

95th percentile per-packet one-way delay: 64.755 ms

Loss rate: 0.10%

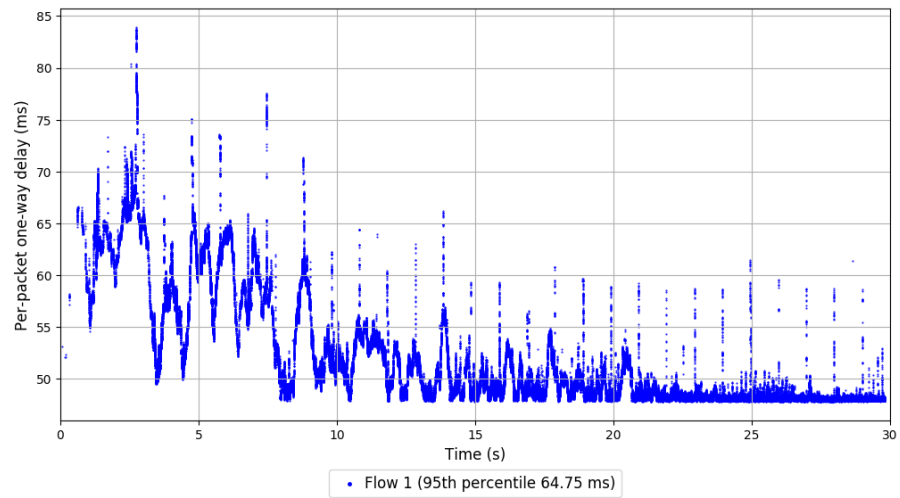
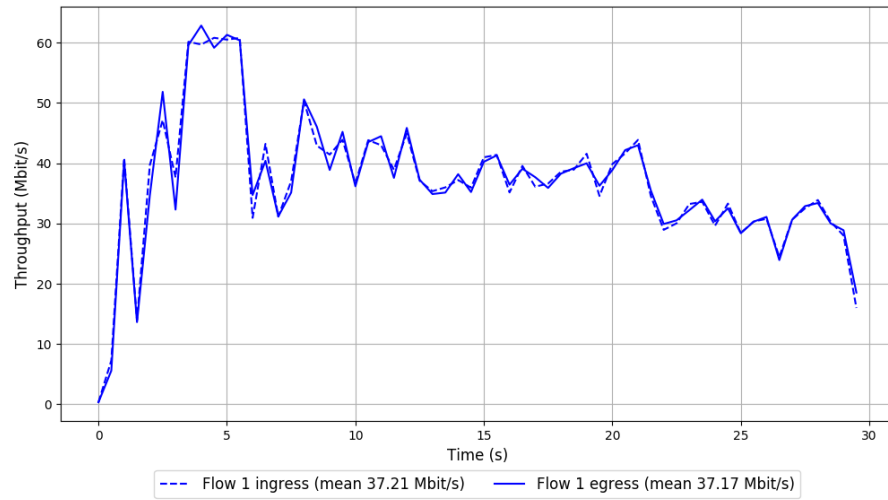
-- Flow 1:

Average throughput: 37.17 Mbit/s

95th percentile per-packet one-way delay: 64.755 ms

Loss rate: 0.10%

Run 5: Report of QUIC Cubic — Data Link

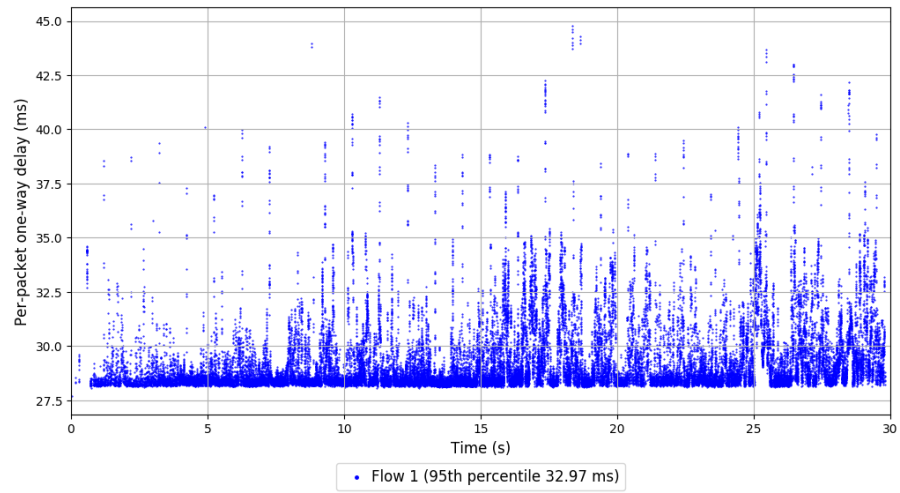
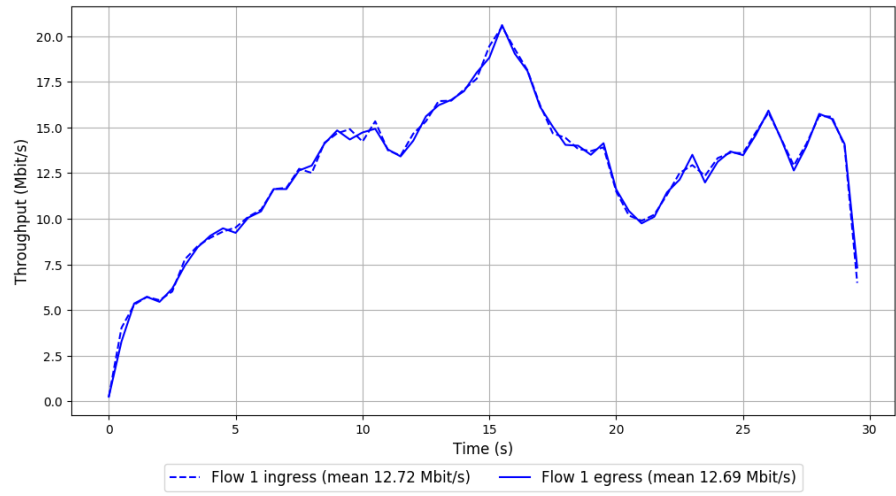


Run 6: Statistics of QUIC Cubic

Start at: 2017-09-03 09:57:21
End at: 2017-09-03 09:57:51
Local clock offset: 16.751 ms
Remote clock offset: -2.158 ms

Below is generated by plot.py at 2017-09-03 11:45:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.69 Mbit/s
95th percentile per-packet one-way delay: 32.973 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 12.69 Mbit/s
95th percentile per-packet one-way delay: 32.973 ms
Loss rate: 0.23%

Run 6: Report of QUIC Cubic — Data Link

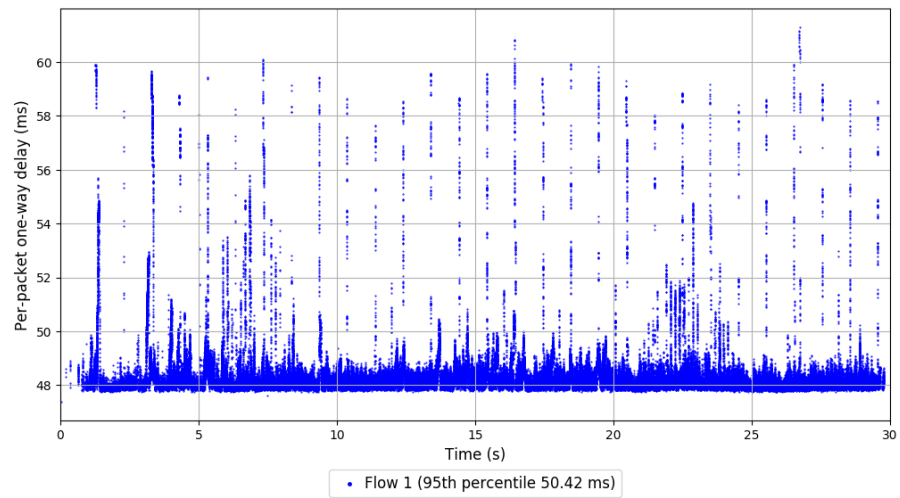
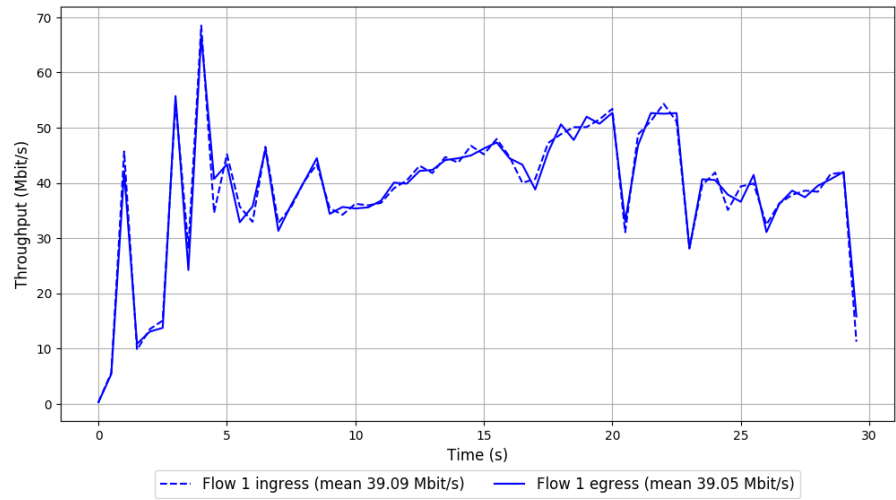


Run 7: Statistics of QUIC Cubic

Start at: 2017-09-03 10:15:33
End at: 2017-09-03 10:16:03
Local clock offset: -3.151 ms
Remote clock offset: -2.376 ms

Below is generated by plot.py at 2017-09-03 11:45:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 39.05 Mbit/s
95th percentile per-packet one-way delay: 50.416 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 39.05 Mbit/s
95th percentile per-packet one-way delay: 50.416 ms
Loss rate: 0.10%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2017-09-03 10:33:48

End at: 2017-09-03 10:34:18

Local clock offset: -3.277 ms

Remote clock offset: -2.351 ms

Below is generated by plot.py at 2017-09-03 11:45:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 21.94 Mbit/s

95th percentile per-packet one-way delay: 49.391 ms

Loss rate: 0.08%

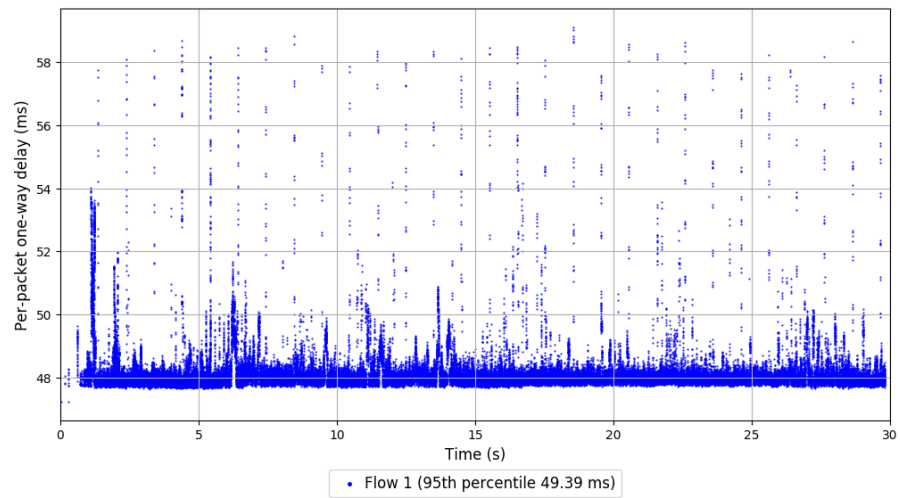
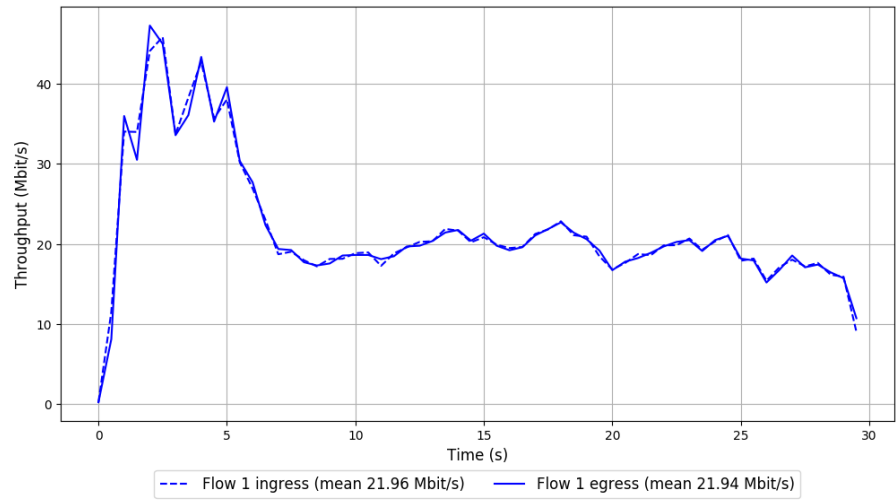
-- Flow 1:

Average throughput: 21.94 Mbit/s

95th percentile per-packet one-way delay: 49.391 ms

Loss rate: 0.08%

Run 8: Report of QUIC Cubic — Data Link

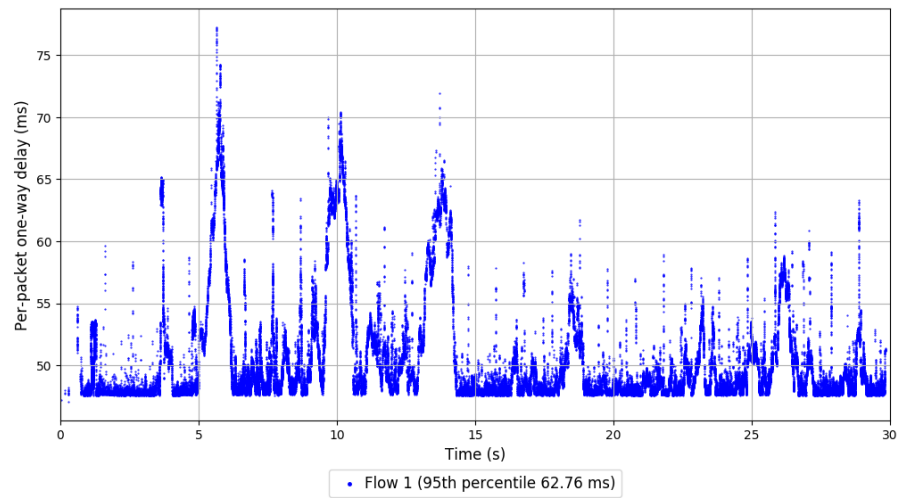
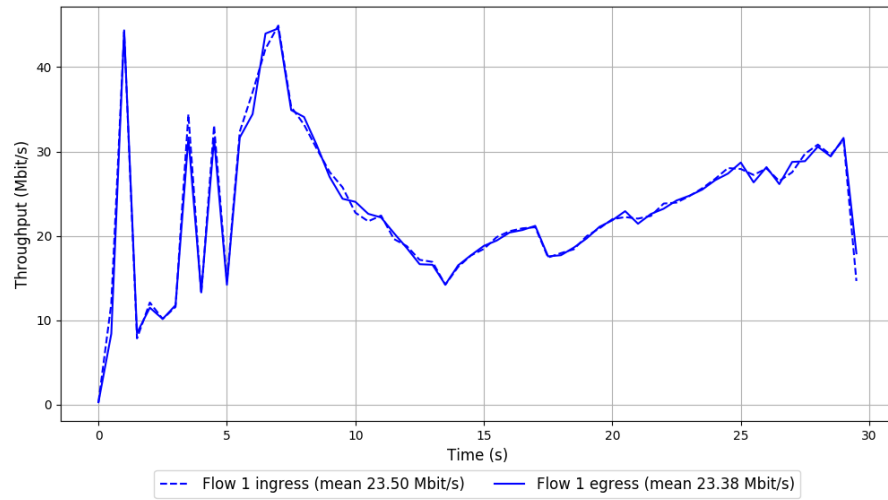


Run 9: Statistics of QUIC Cubic

Start at: 2017-09-03 10:52:00
End at: 2017-09-03 10:52:30
Local clock offset: -3.135 ms
Remote clock offset: -2.313 ms

Below is generated by plot.py at 2017-09-03 11:45:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 23.38 Mbit/s
95th percentile per-packet one-way delay: 62.764 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 23.38 Mbit/s
95th percentile per-packet one-way delay: 62.764 ms
Loss rate: 0.50%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2017-09-03 11:10:14

End at: 2017-09-03 11:10:44

Local clock offset: -2.951 ms

Remote clock offset: -2.369 ms

Below is generated by plot.py at 2017-09-03 11:45:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 22.88 Mbit/s

95th percentile per-packet one-way delay: 53.770 ms

Loss rate: 0.08%

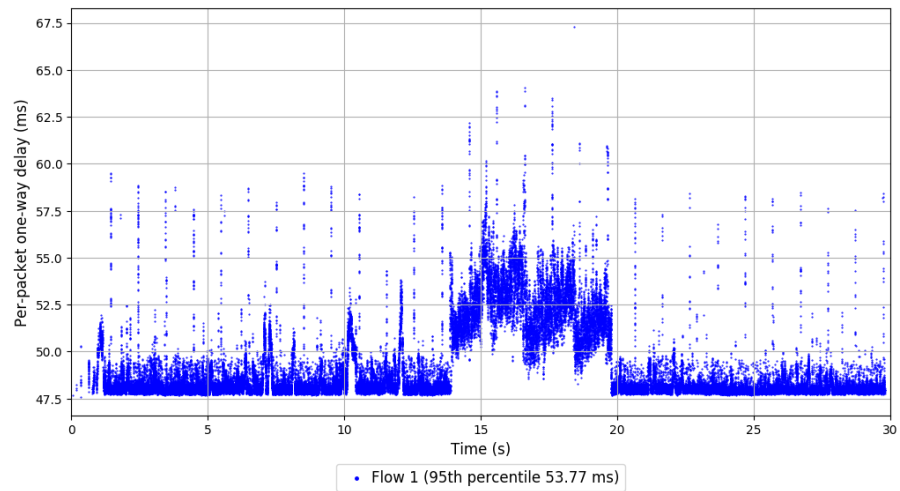
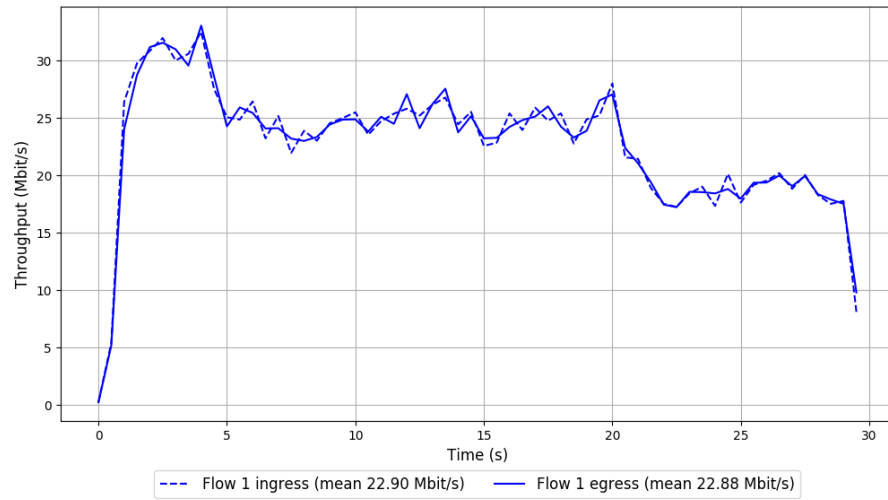
-- Flow 1:

Average throughput: 22.88 Mbit/s

95th percentile per-packet one-way delay: 53.770 ms

Loss rate: 0.08%

Run 10: Report of QUIC Cubic — Data Link



Run 1: Statistics of SCReAM

Start at: 2017-09-03 08:24:58

End at: 2017-09-03 08:25:29

Local clock offset: -2.52 ms

Remote clock offset: -2.973 ms

Below is generated by plot.py at 2017-09-03 11:45:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 51.540 ms

Loss rate: 0.14%

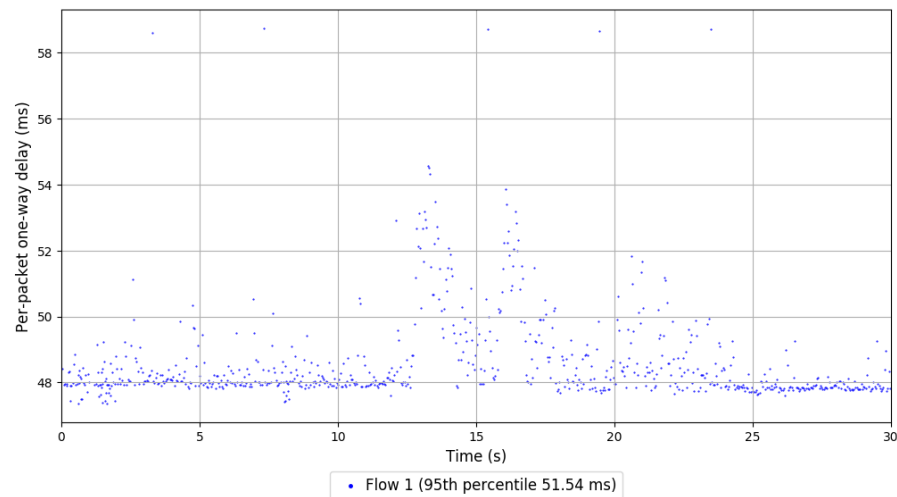
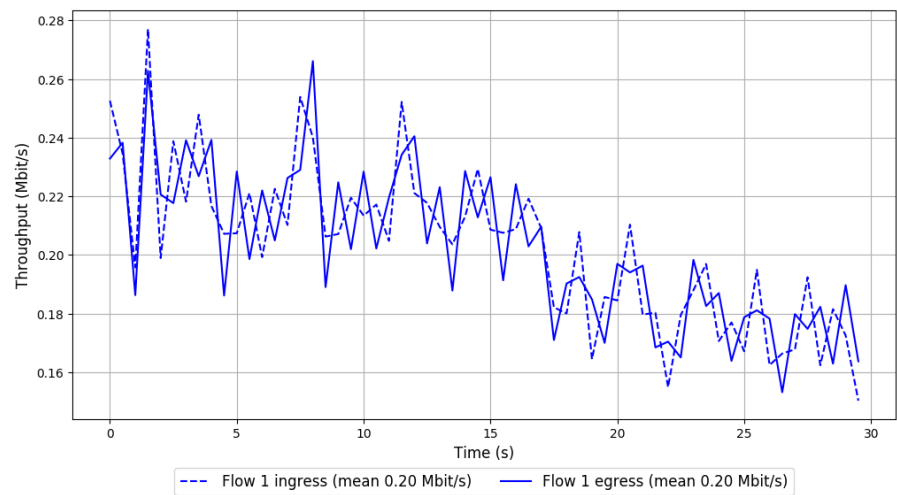
-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 51.540 ms

Loss rate: 0.14%

Run 1: Report of SReAM — Data Link

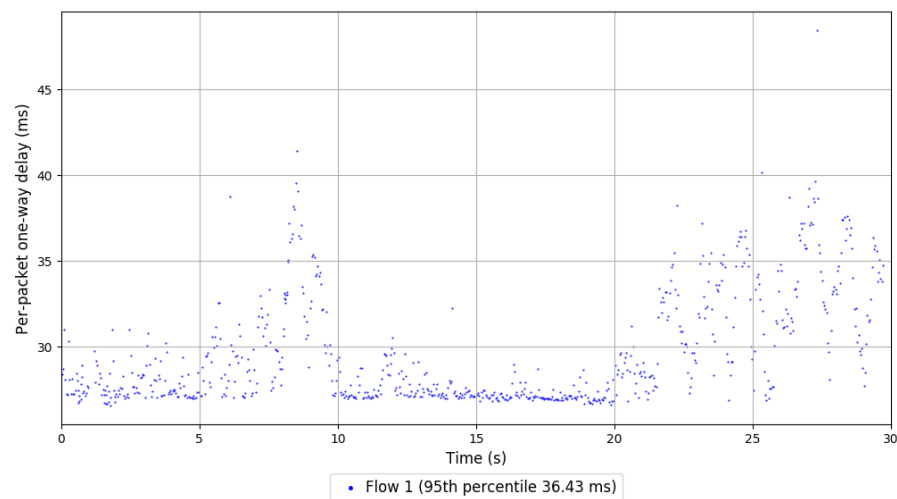
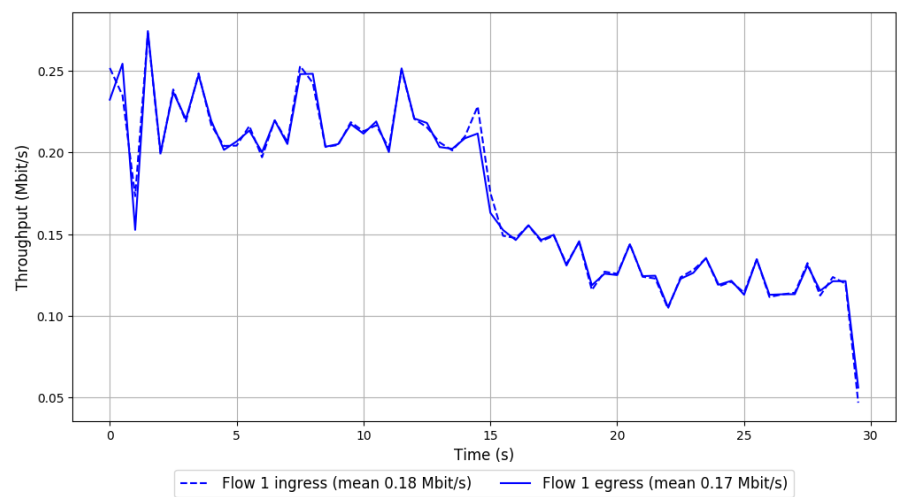


Run 2: Statistics of SCReAM

Start at: 2017-09-03 08:43:18
End at: 2017-09-03 08:43:48
Local clock offset: 18.501 ms
Remote clock offset: -2.728 ms

Below is generated by plot.py at 2017-09-03 11:45:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 36.431 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 36.431 ms
Loss rate: 0.31%

Run 2: Report of SReAM — Data Link

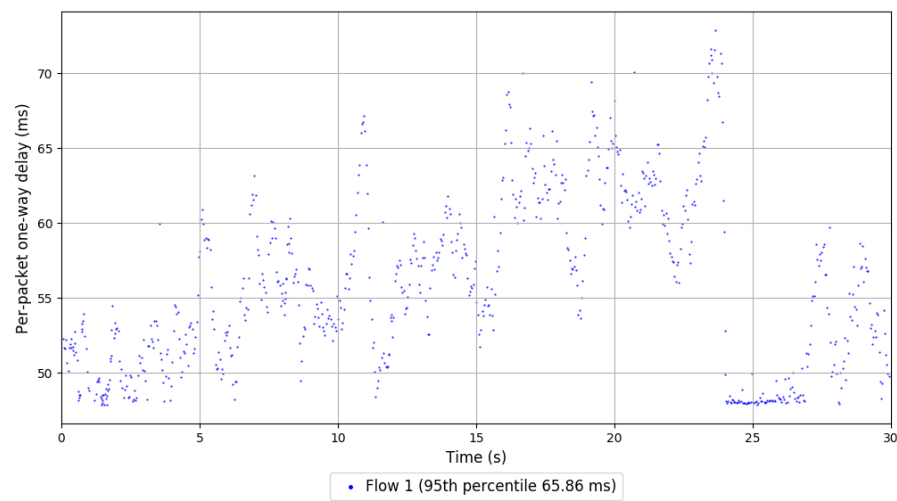
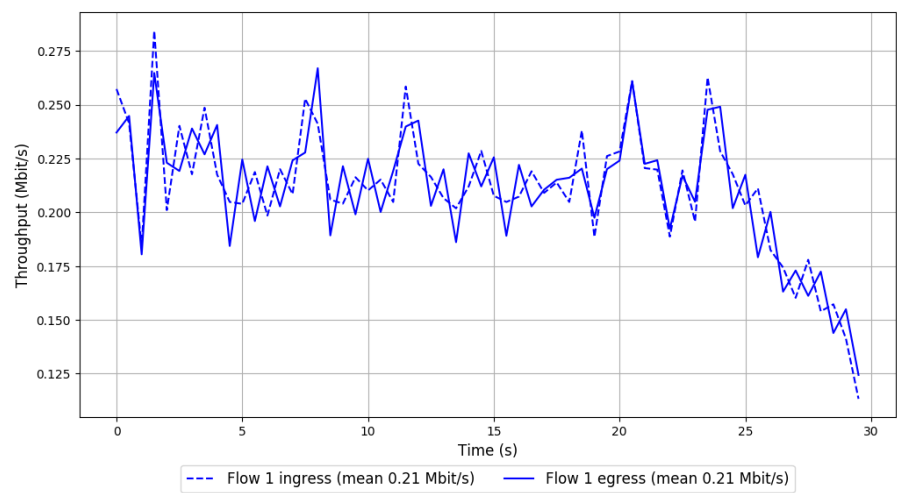


Run 3: Statistics of SCReAM

Start at: 2017-09-03 09:01:25
End at: 2017-09-03 09:01:55
Local clock offset: -2.377 ms
Remote clock offset: -2.219 ms

Below is generated by plot.py at 2017-09-03 11:45:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 65.855 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 65.855 ms
Loss rate: 0.14%

Run 3: Report of SReAM — Data Link



Run 4: Statistics of SCReAM

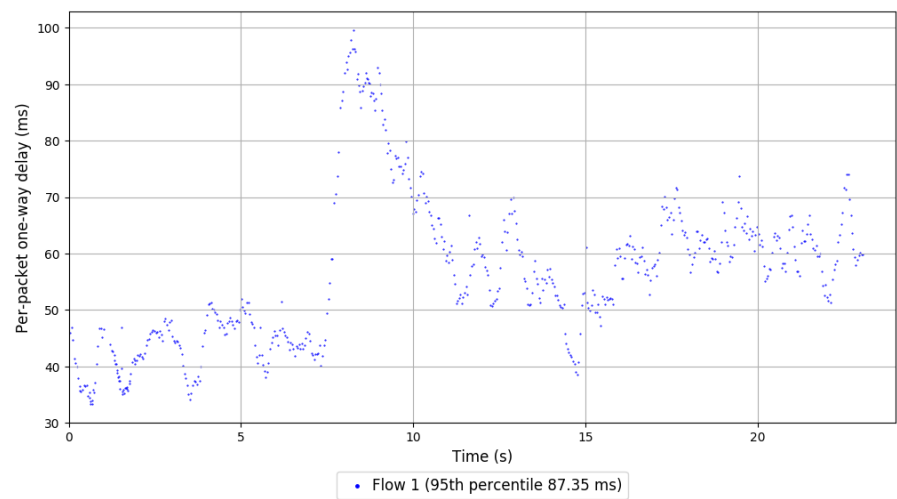
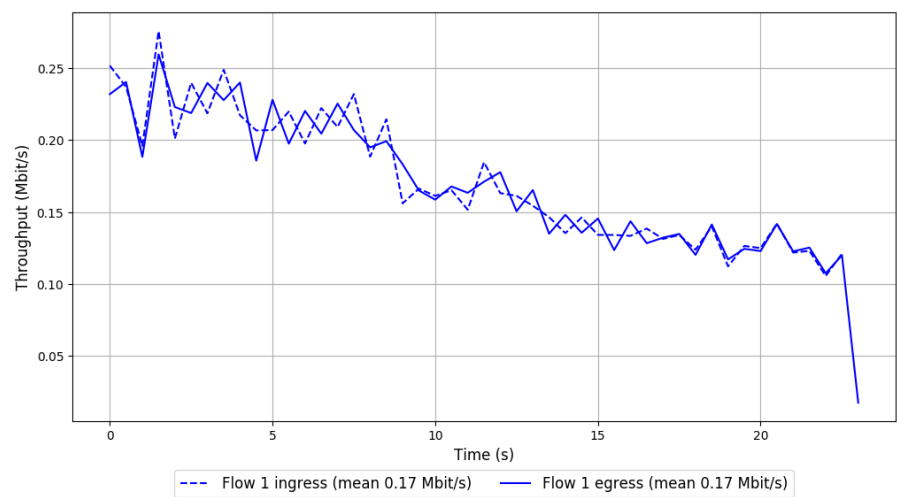
Start at: 2017-09-03 09:19:35

End at: 2017-09-03 09:20:05

Local clock offset: 17.662 ms

Remote clock offset: -2.046 ms

Run 4: Report of SReAM — Data Link

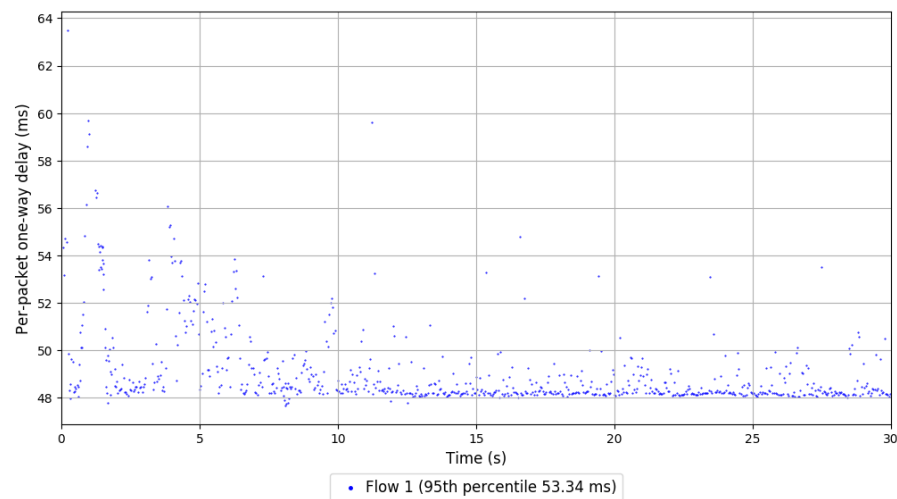
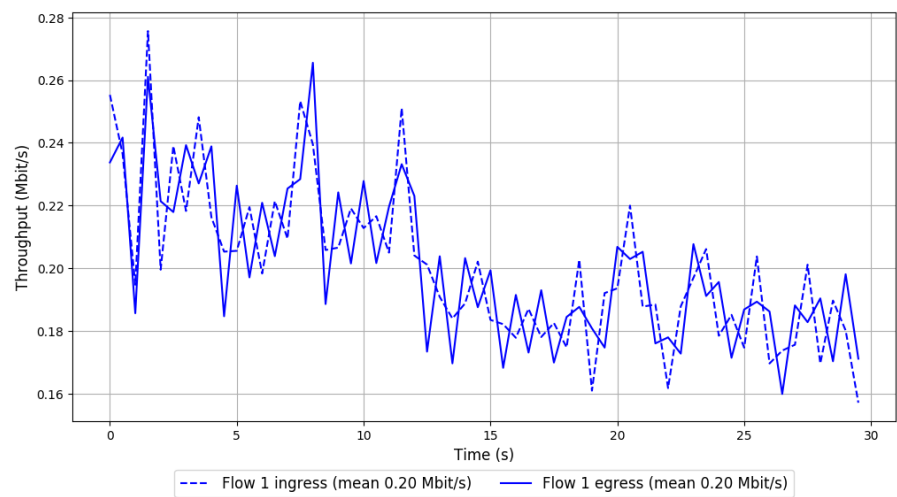


Run 5: Statistics of SCReAM

Start at: 2017-09-03 09:37:47
End at: 2017-09-03 09:38:17
Local clock offset: -2.672 ms
Remote clock offset: -2.099 ms

Below is generated by plot.py at 2017-09-03 11:45:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 53.338 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 53.338 ms
Loss rate: 0.14%

Run 5: Report of SReAM — Data Link

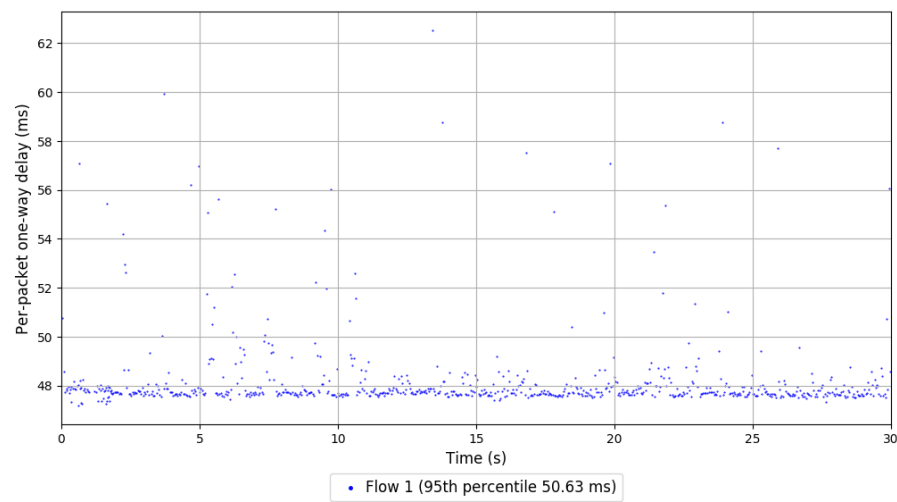
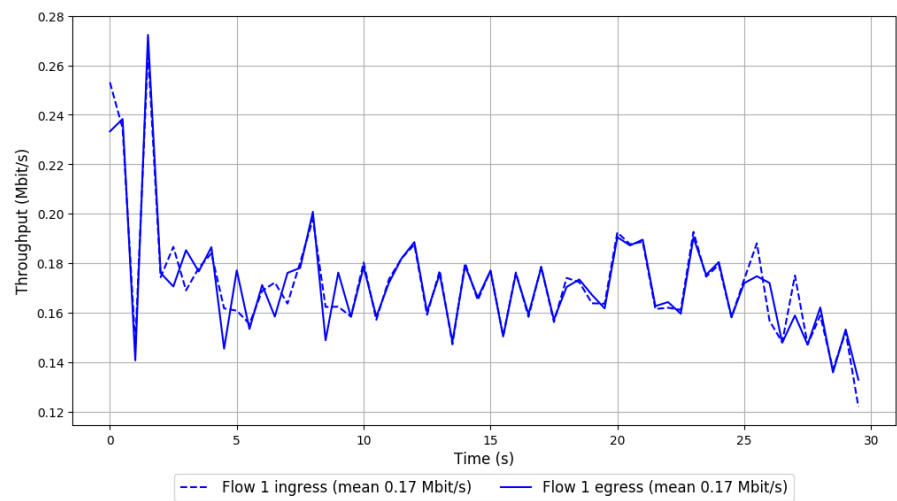


Run 6: Statistics of SCReAM

Start at: 2017-09-03 09:56:11
End at: 2017-09-03 09:56:41
Local clock offset: -2.914 ms
Remote clock offset: -2.172 ms

Below is generated by plot.py at 2017-09-03 11:45:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 50.635 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 50.635 ms
Loss rate: 0.15%

Run 6: Report of SReAM — Data Link

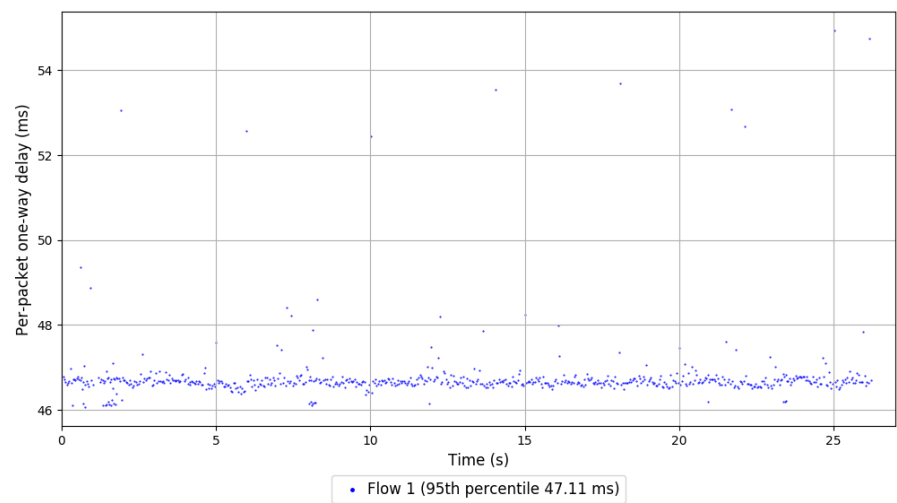
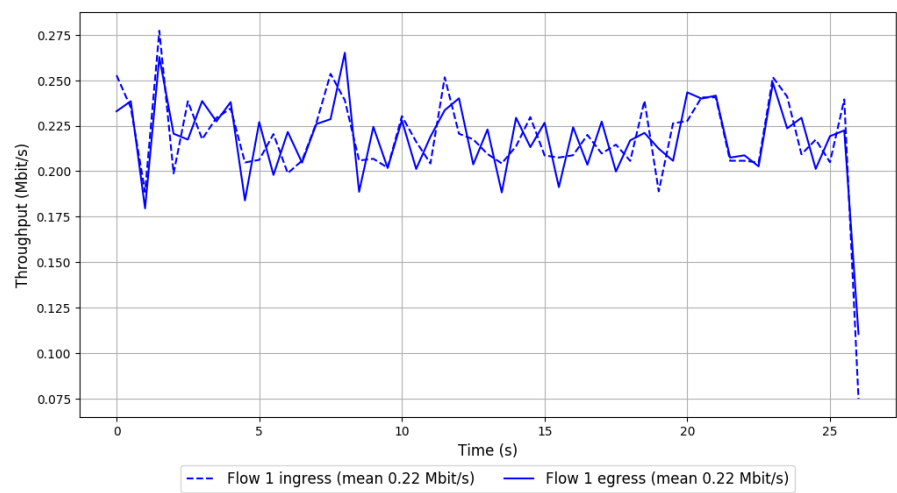


Run 7: Statistics of SCReAM

Start at: 2017-09-03 10:14:23
End at: 2017-09-03 10:14:53
Local clock offset: -1.681 ms
Remote clock offset: -2.286 ms

Below is generated by plot.py at 2017-09-03 11:45:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 47.110 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 47.110 ms
Loss rate: 0.00%

Run 7: Report of SCRaM — Data Link

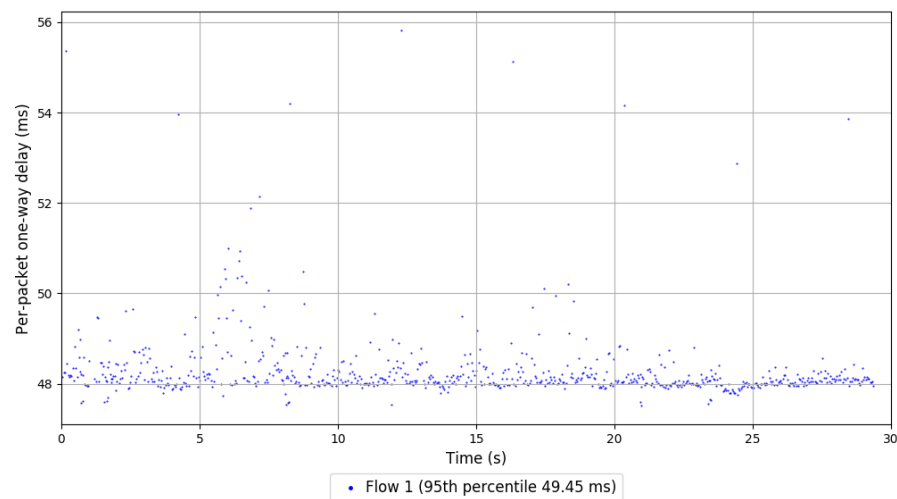
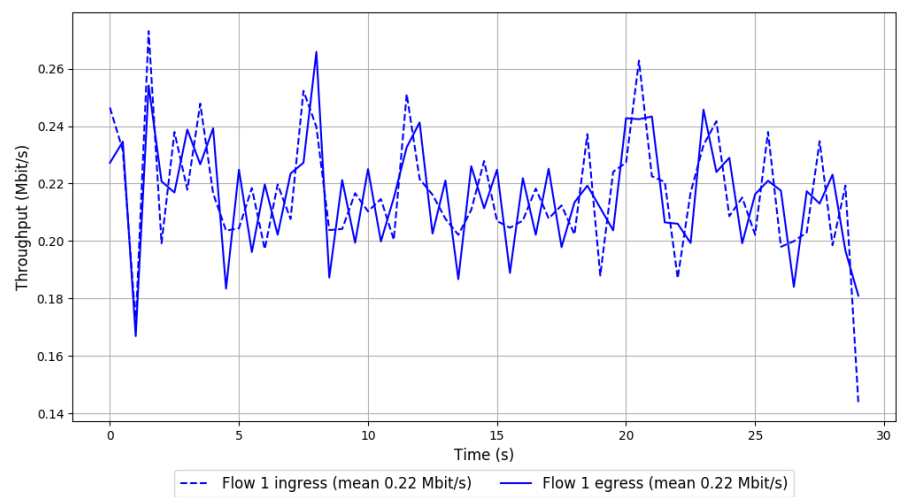


Run 8: Statistics of SCReAM

Start at: 2017-09-03 10:32:38
End at: 2017-09-03 10:33:08
Local clock offset: -3.176 ms
Remote clock offset: -2.376 ms

Below is generated by plot.py at 2017-09-03 11:45:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 49.449 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 49.449 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

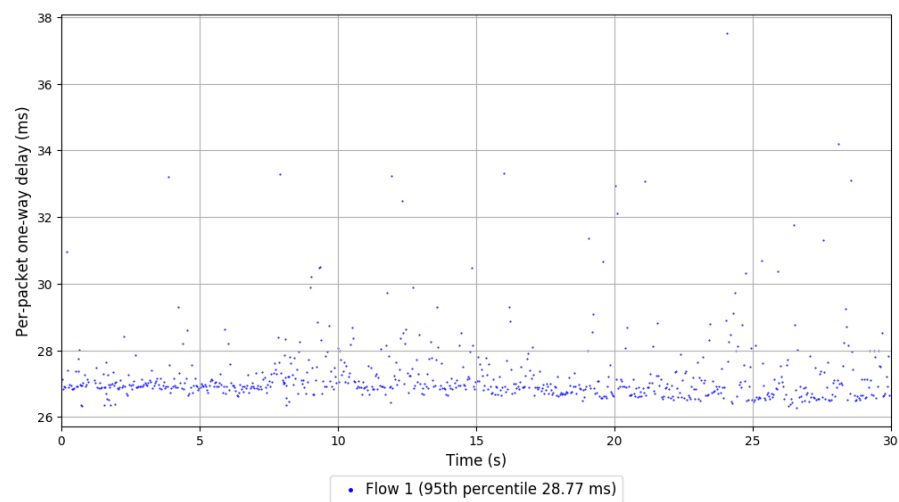
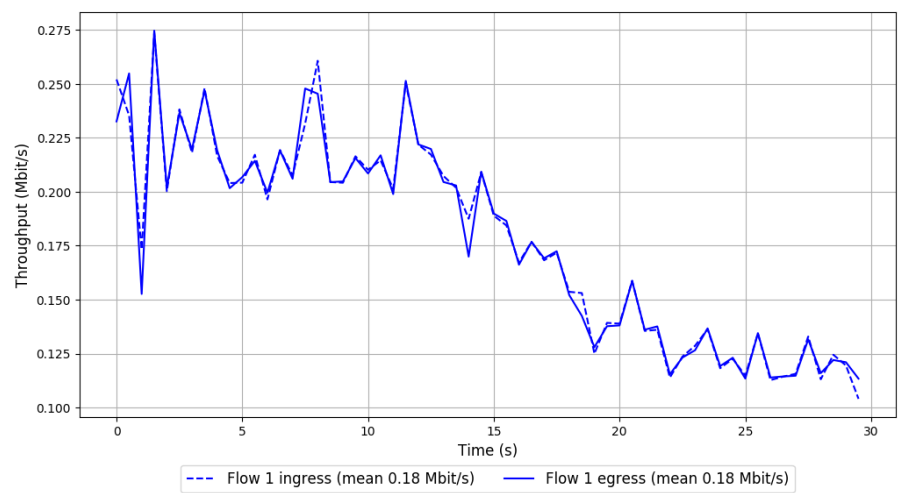


Run 9: Statistics of SCReAM

Start at: 2017-09-03 10:50:51
End at: 2017-09-03 10:51:21
Local clock offset: 18.041 ms
Remote clock offset: -2.348 ms

Below is generated by plot.py at 2017-09-03 11:45:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 28.767 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 28.767 ms
Loss rate: 0.28%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SReAM

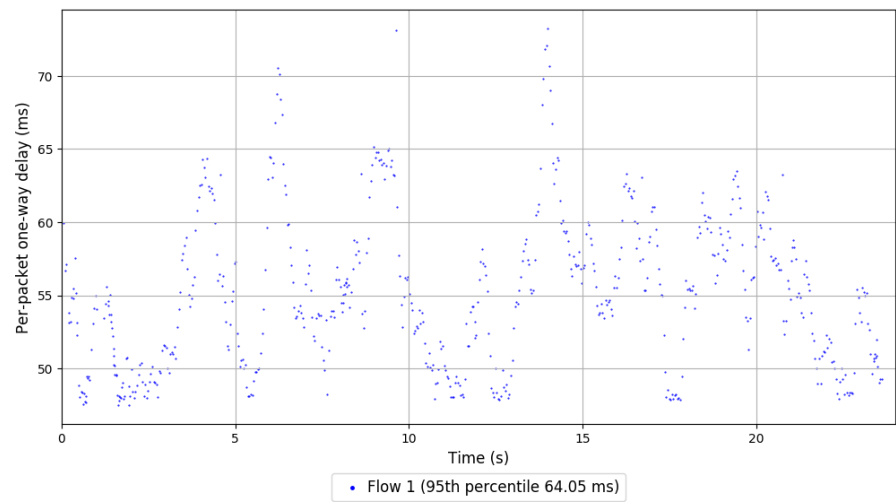
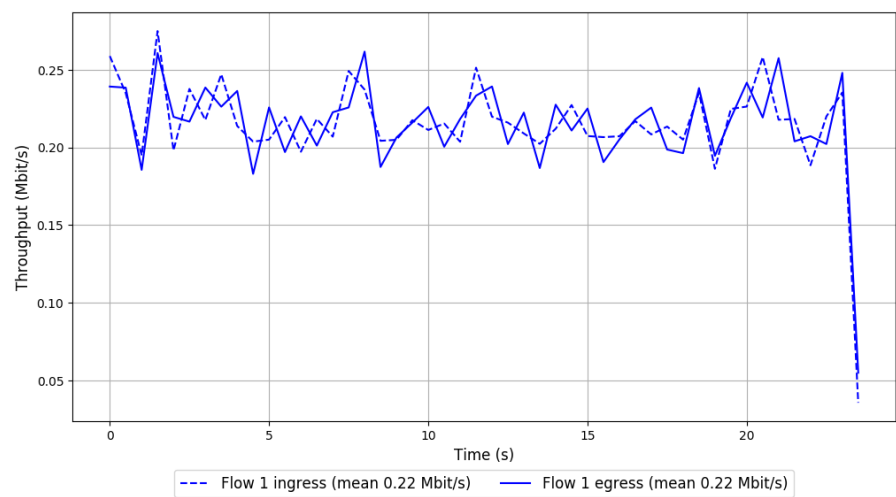
Start at: 2017-09-03 11:08:59

End at: 2017-09-03 11:09:29

Local clock offset: -2.818 ms

Remote clock offset: -2.412 ms

Run 10: Report of SReAM — Data Link

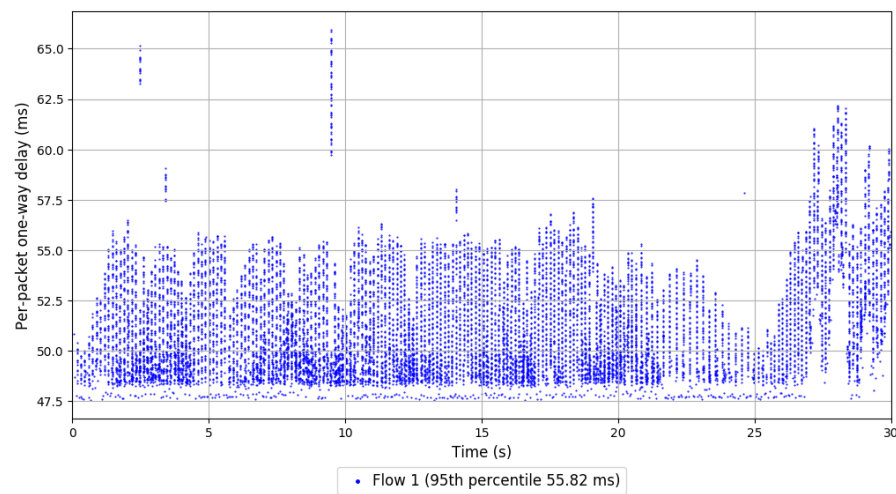
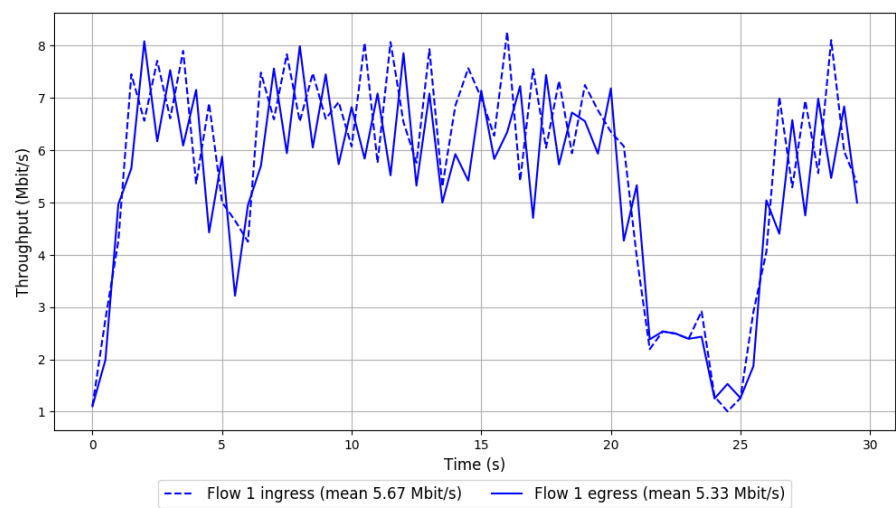


Run 1: Statistics of Sprout

Start at: 2017-09-03 08:29:43
End at: 2017-09-03 08:30:13
Local clock offset: -2.483 ms
Remote clock offset: -2.774 ms

Below is generated by plot.py at 2017-09-03 11:45:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 5.33 Mbit/s
95th percentile per-packet one-way delay: 55.822 ms
Loss rate: 5.99%
-- Flow 1:
Average throughput: 5.33 Mbit/s
95th percentile per-packet one-way delay: 55.822 ms
Loss rate: 5.99%

Run 1: Report of Sprout — Data Link

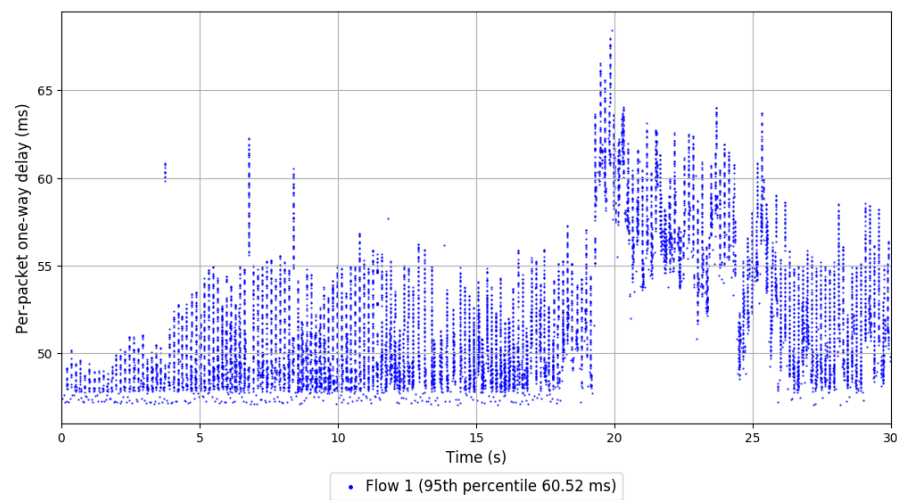
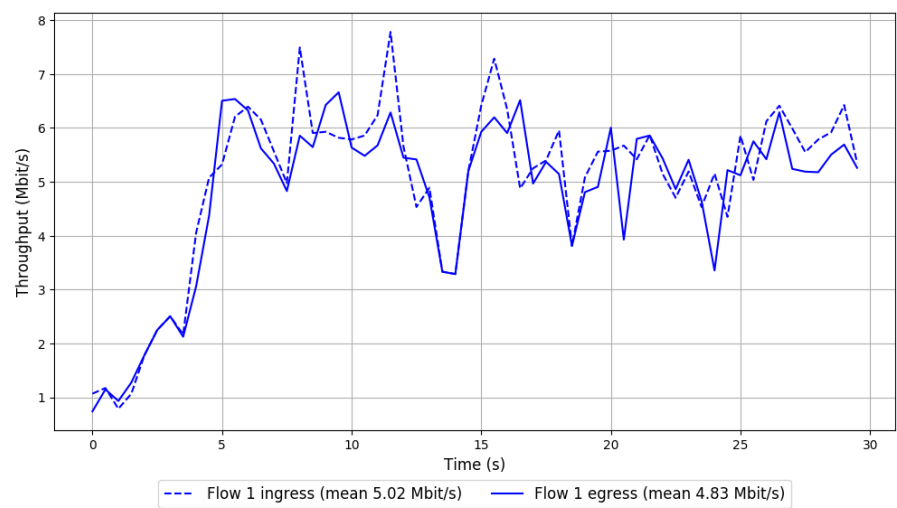


Run 2: Statistics of Sprout

Start at: 2017-09-03 08:48:01
End at: 2017-09-03 08:48:31
Local clock offset: -2.258 ms
Remote clock offset: -2.487 ms

Below is generated by plot.py at 2017-09-03 11:45:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.83 Mbit/s
95th percentile per-packet one-way delay: 60.518 ms
Loss rate: 3.73%
-- Flow 1:
Average throughput: 4.83 Mbit/s
95th percentile per-packet one-way delay: 60.518 ms
Loss rate: 3.73%

Run 2: Report of Sprout — Data Link

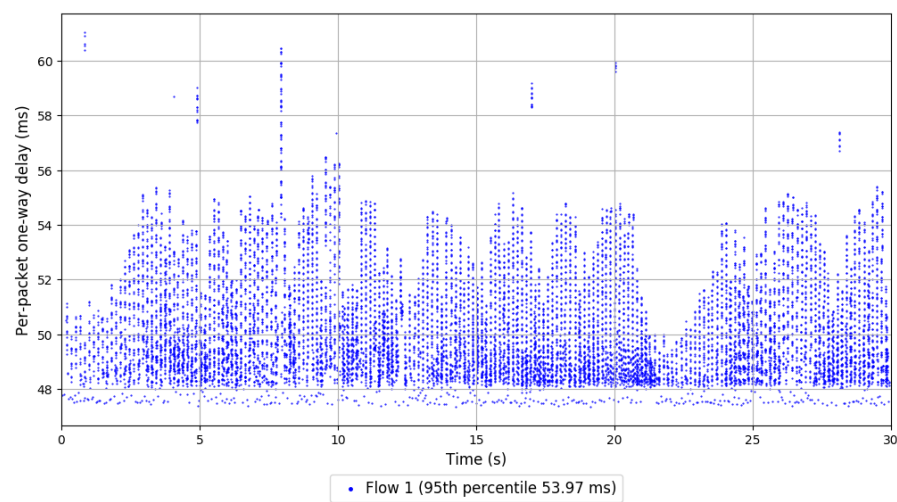
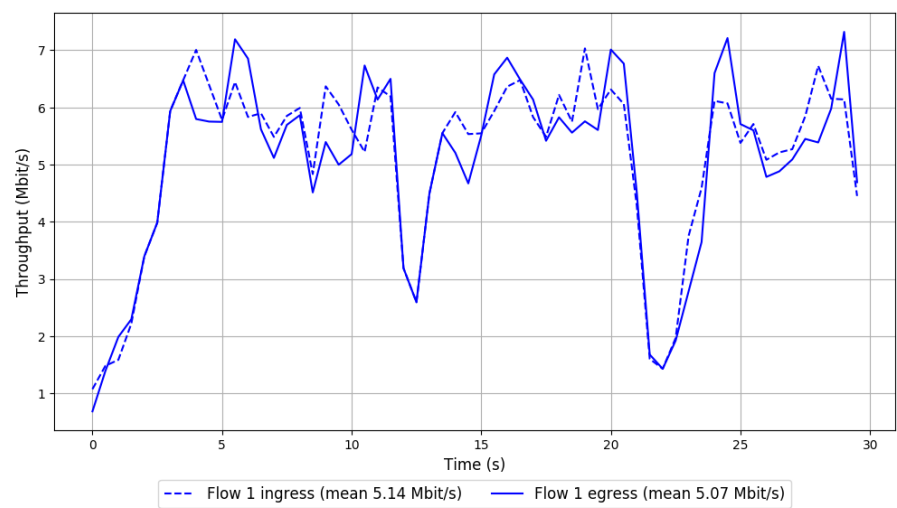


Run 3: Statistics of Sprout

Start at: 2017-09-03 09:06:10
End at: 2017-09-03 09:06:40
Local clock offset: -2.319 ms
Remote clock offset: -2.15 ms

Below is generated by plot.py at 2017-09-03 11:46:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 5.07 Mbit/s
95th percentile per-packet one-way delay: 53.967 ms
Loss rate: 1.42%
-- Flow 1:
Average throughput: 5.07 Mbit/s
95th percentile per-packet one-way delay: 53.967 ms
Loss rate: 1.42%

Run 3: Report of Sprout — Data Link

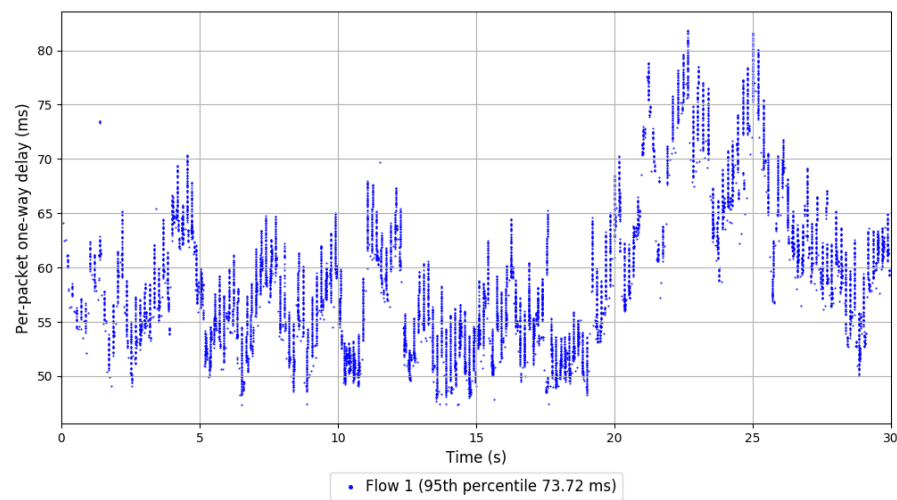
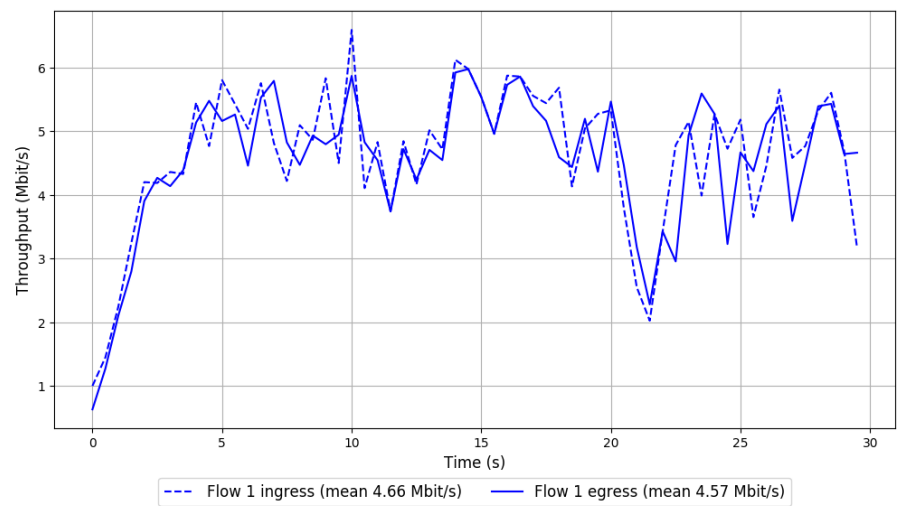


Run 4: Statistics of Sprout

Start at: 2017-09-03 09:24:22
End at: 2017-09-03 09:24:52
Local clock offset: -2.44 ms
Remote clock offset: -2.259 ms

Below is generated by plot.py at 2017-09-03 11:46:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.57 Mbit/s
95th percentile per-packet one-way delay: 73.719 ms
Loss rate: 1.79%
-- Flow 1:
Average throughput: 4.57 Mbit/s
95th percentile per-packet one-way delay: 73.719 ms
Loss rate: 1.79%

Run 4: Report of Sprout — Data Link

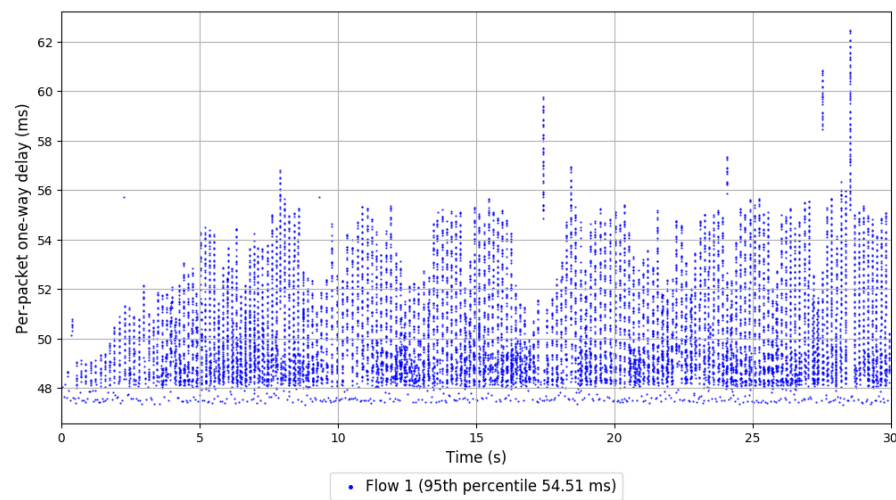
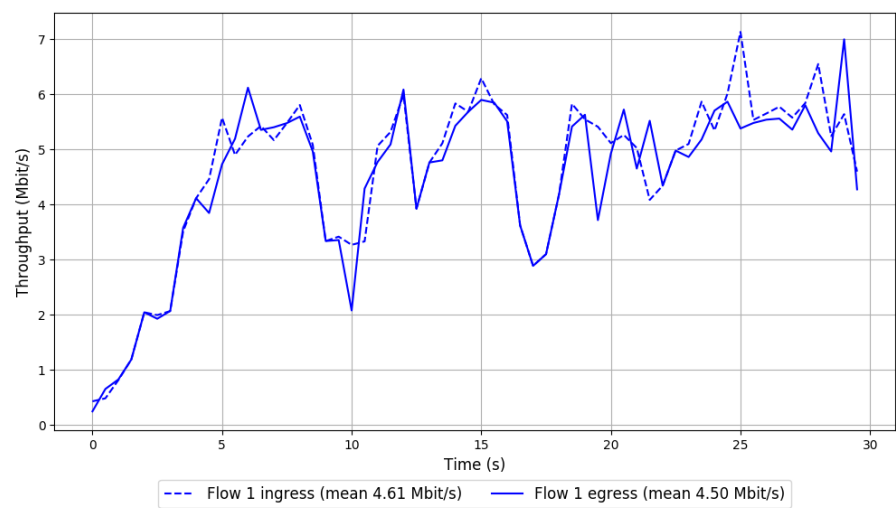


Run 5: Statistics of Sprout

Start at: 2017-09-03 09:42:34
End at: 2017-09-03 09:43:04
Local clock offset: -2.598 ms
Remote clock offset: -2.146 ms

Below is generated by plot.py at 2017-09-03 11:46:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.50 Mbit/s
95th percentile per-packet one-way delay: 54.510 ms
Loss rate: 2.41%
-- Flow 1:
Average throughput: 4.50 Mbit/s
95th percentile per-packet one-way delay: 54.510 ms
Loss rate: 2.41%

Run 5: Report of Sprout — Data Link

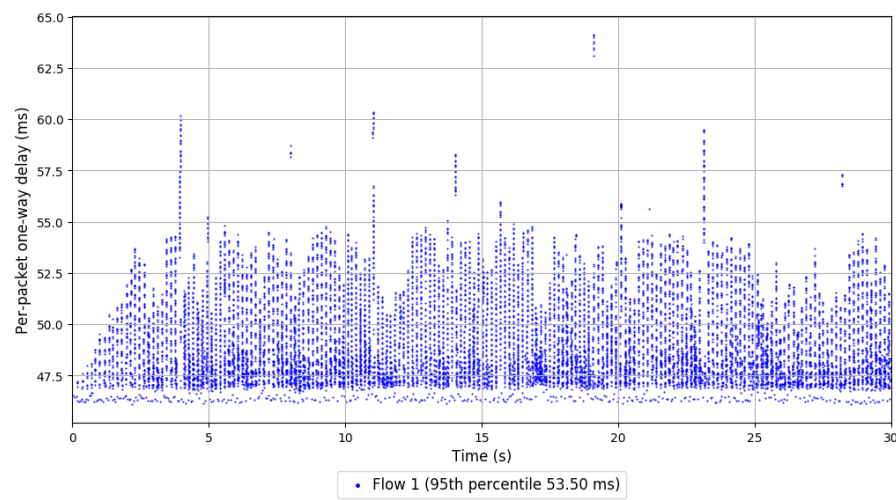
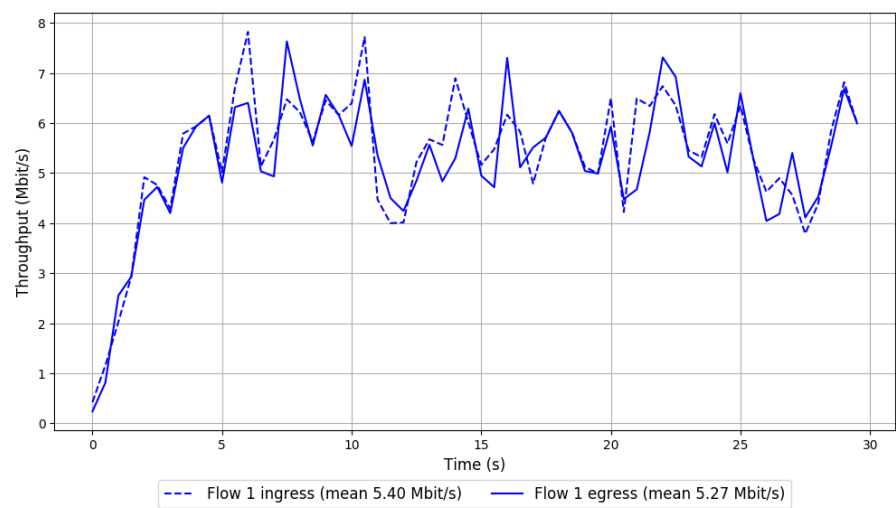


Run 6: Statistics of Sprout

Start at: 2017-09-03 10:00:54
End at: 2017-09-03 10:01:24
Local clock offset: -1.756 ms
Remote clock offset: -2.166 ms

Below is generated by plot.py at 2017-09-03 11:46:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 5.27 Mbit/s
95th percentile per-packet one-way delay: 53.501 ms
Loss rate: 2.35%
-- Flow 1:
Average throughput: 5.27 Mbit/s
95th percentile per-packet one-way delay: 53.501 ms
Loss rate: 2.35%

Run 6: Report of Sprout — Data Link

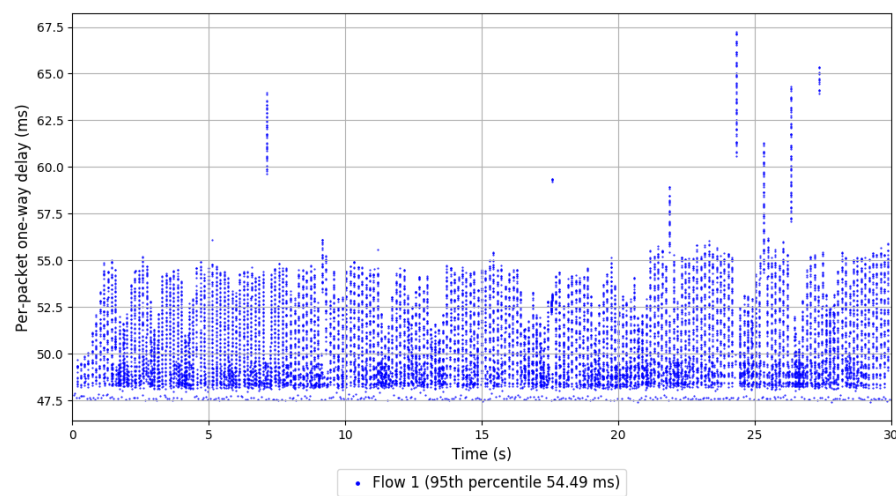
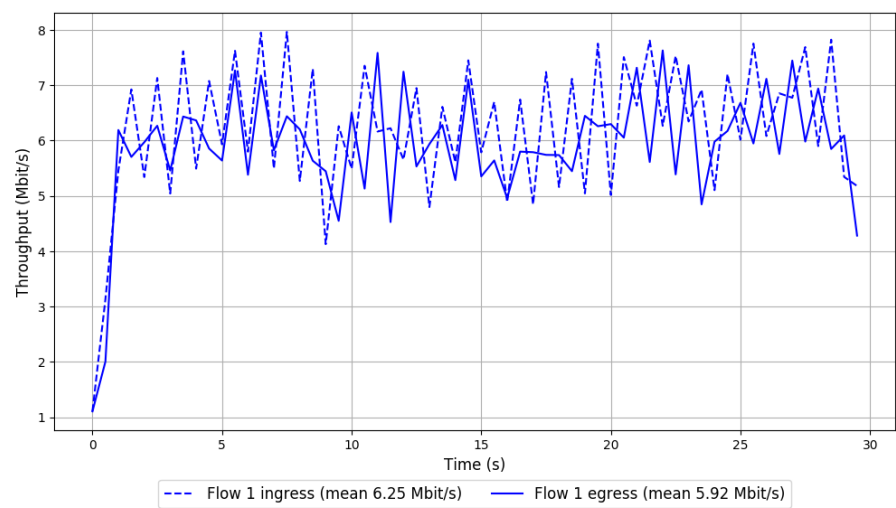


Run 7: Statistics of Sprout

Start at: 2017-09-03 10:19:10
End at: 2017-09-03 10:19:40
Local clock offset: -3.161 ms
Remote clock offset: -2.349 ms

Below is generated by plot.py at 2017-09-03 11:46:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 5.92 Mbit/s
95th percentile per-packet one-way delay: 54.495 ms
Loss rate: 5.19%
-- Flow 1:
Average throughput: 5.92 Mbit/s
95th percentile per-packet one-way delay: 54.495 ms
Loss rate: 5.19%

Run 7: Report of Sprout — Data Link

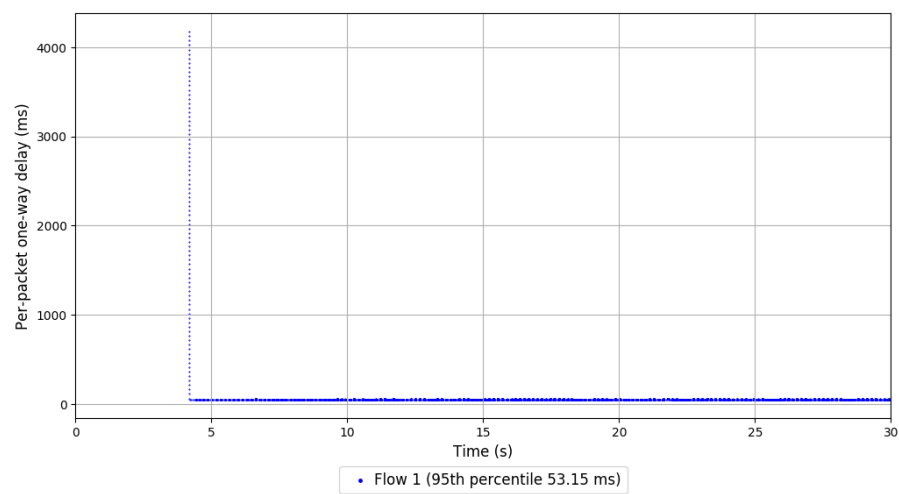
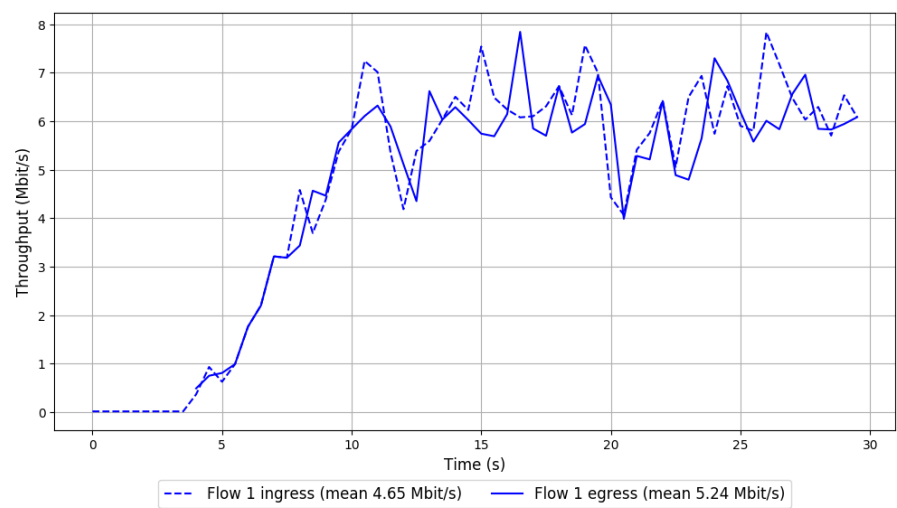


Run 8: Statistics of Sprout

Start at: 2017-09-03 10:37:23
End at: 2017-09-03 10:37:53
Local clock offset: -1.882 ms
Remote clock offset: -2.353 ms

Below is generated by plot.py at 2017-09-03 11:46:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 5.24 Mbit/s
95th percentile per-packet one-way delay: 53.149 ms
Loss rate: 2.88%
-- Flow 1:
Average throughput: 5.24 Mbit/s
95th percentile per-packet one-way delay: 53.149 ms
Loss rate: 2.88%

Run 8: Report of Sprout — Data Link

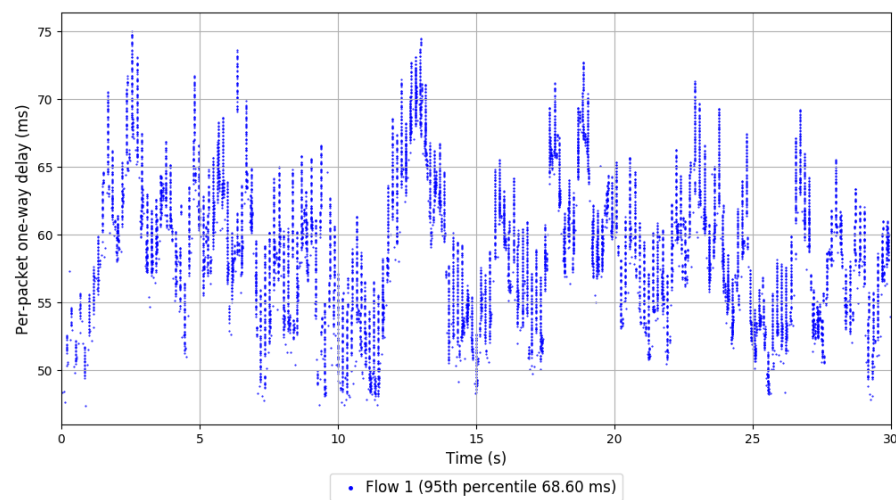
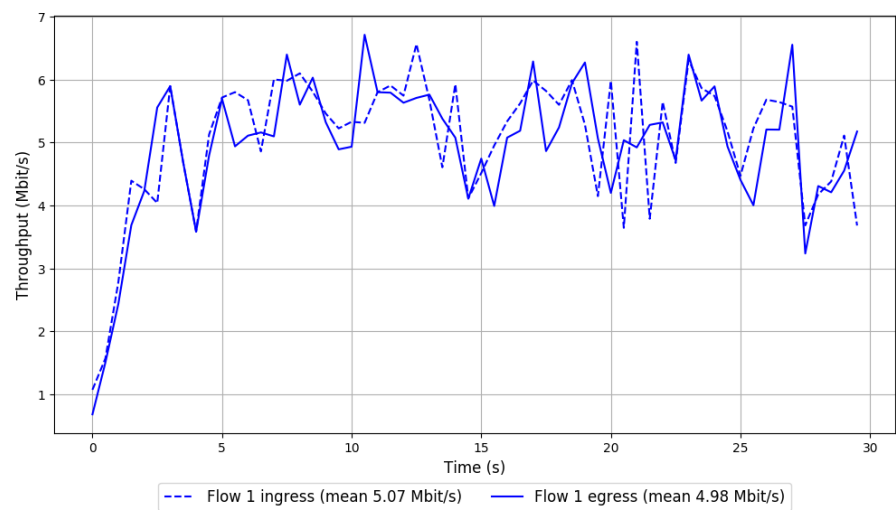


Run 9: Statistics of Sprout

Start at: 2017-09-03 10:55:37
End at: 2017-09-03 10:56:07
Local clock offset: -3.214 ms
Remote clock offset: -2.288 ms

Below is generated by plot.py at 2017-09-03 11:46:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.98 Mbit/s
95th percentile per-packet one-way delay: 68.597 ms
Loss rate: 1.71%
-- Flow 1:
Average throughput: 4.98 Mbit/s
95th percentile per-packet one-way delay: 68.597 ms
Loss rate: 1.71%

Run 9: Report of Sprout — Data Link

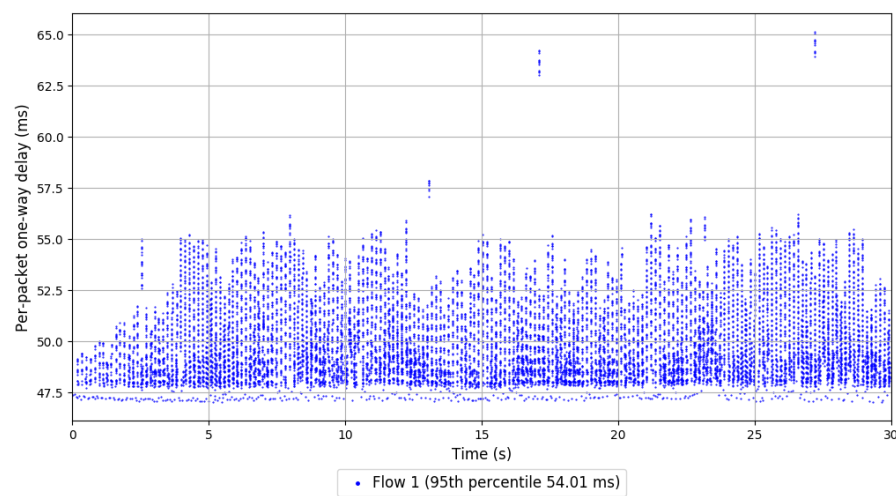
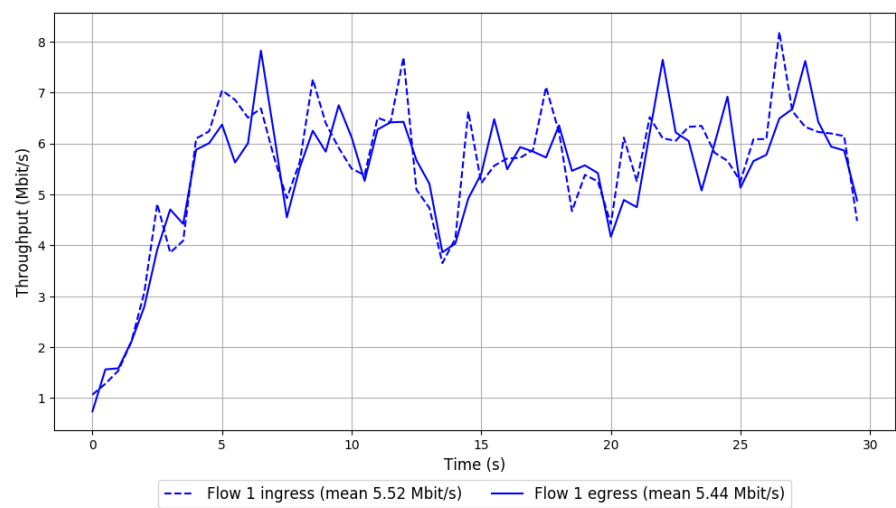


Run 10: Statistics of Sprout

Start at: 2017-09-03 11:13:49
End at: 2017-09-03 11:14:19
Local clock offset: -2.701 ms
Remote clock offset: -2.407 ms

Below is generated by plot.py at 2017-09-03 11:46:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 5.44 Mbit/s
95th percentile per-packet one-way delay: 54.011 ms
Loss rate: 1.49%
-- Flow 1:
Average throughput: 5.44 Mbit/s
95th percentile per-packet one-way delay: 54.011 ms
Loss rate: 1.49%

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: 2017-09-03 08:36:58

End at: 2017-09-03 08:37:28

Local clock offset: -2.407 ms

Remote clock offset: -2.65 ms

Below is generated by plot.py at 2017-09-03 11:46:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 67.94 Mbit/s

95th percentile per-packet one-way delay: 63.654 ms

Loss rate: 2.81%

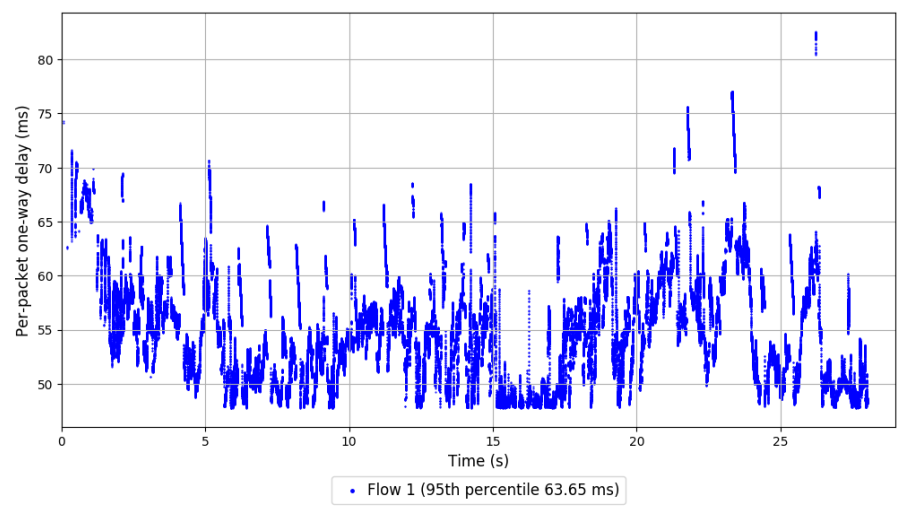
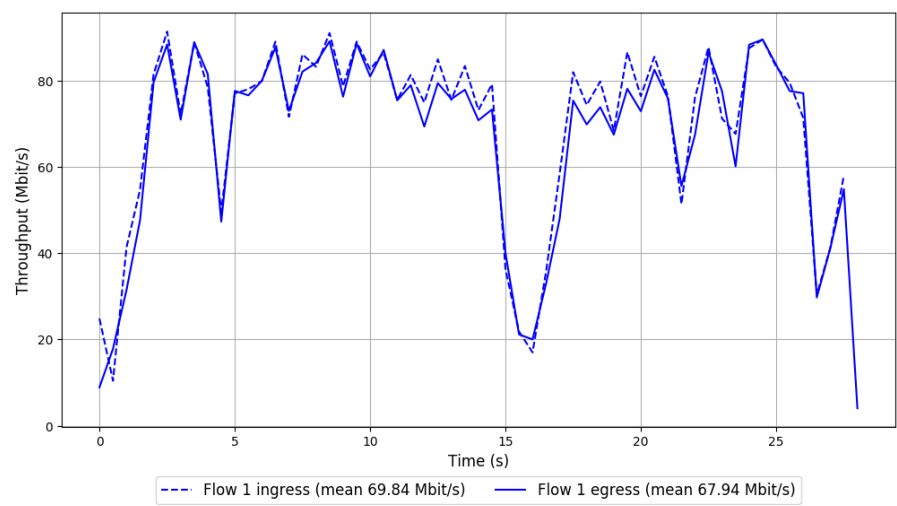
-- Flow 1:

Average throughput: 67.94 Mbit/s

95th percentile per-packet one-way delay: 63.654 ms

Loss rate: 2.81%

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



Run 2: Statistics of TaoVA-100x

Start at: 2017-09-03 08:55:12

End at: 2017-09-03 08:55:42

Local clock offset: -2.367 ms

Remote clock offset: -2.354 ms

Below is generated by plot.py at 2017-09-03 11:46:25

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.67 Mbit/s

95th percentile per-packet one-way delay: 57.866 ms

Loss rate: 1.10%

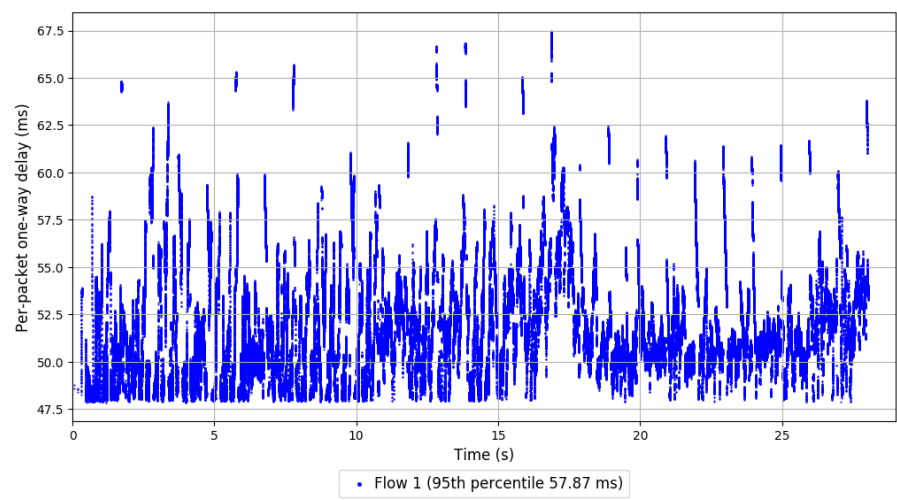
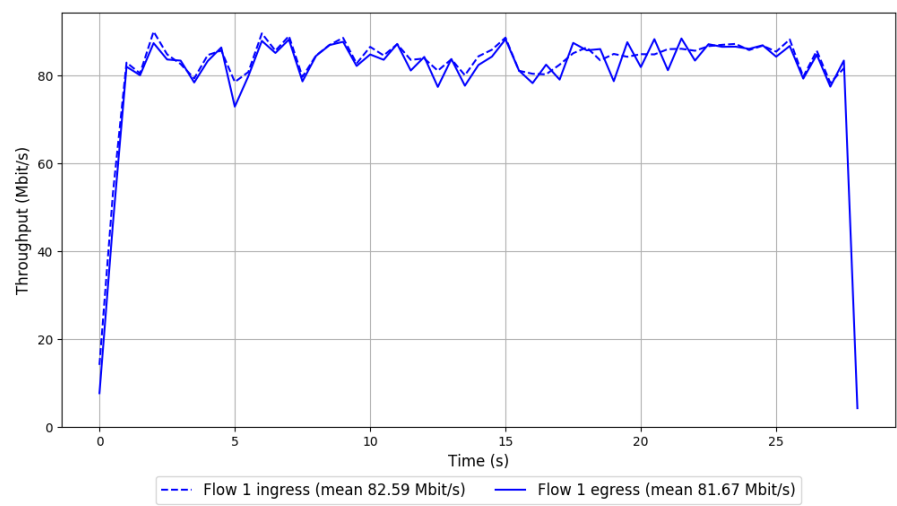
-- Flow 1:

Average throughput: 81.67 Mbit/s

95th percentile per-packet one-way delay: 57.866 ms

Loss rate: 1.10%

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



Run 3: Statistics of TaoVA-100x

Start at: 2017-09-03 09:13:22

End at: 2017-09-03 09:13:52

Local clock offset: -1.137 ms

Remote clock offset: -2.029 ms

Below is generated by plot.py at 2017-09-03 11:46:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.35 Mbit/s

95th percentile per-packet one-way delay: 58.226 ms

Loss rate: 0.85%

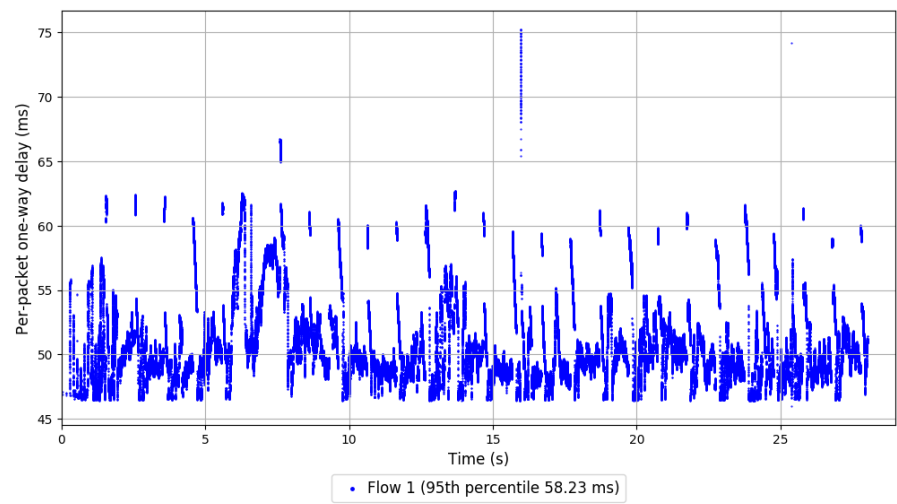
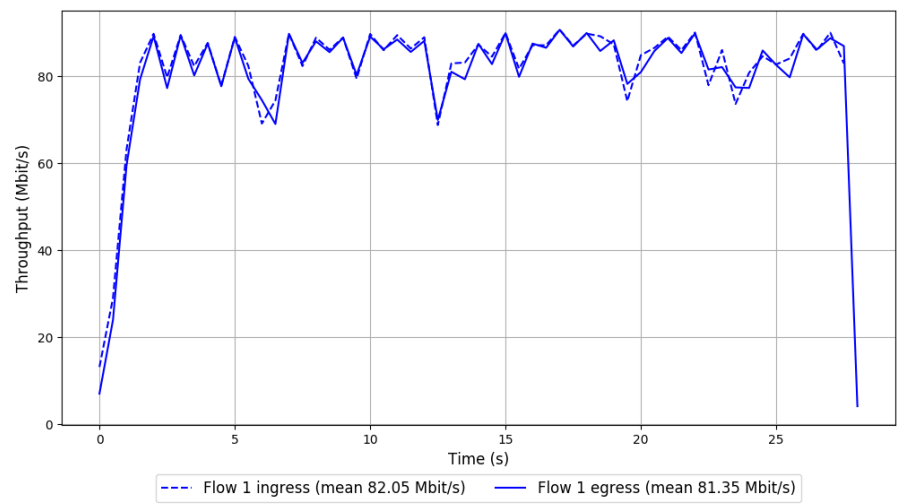
-- Flow 1:

Average throughput: 81.35 Mbit/s

95th percentile per-packet one-way delay: 58.226 ms

Loss rate: 0.85%

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



Run 4: Statistics of TaoVA-100x

Start at: 2017-09-03 09:31:36

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

Local clock offset: -2.51 ms

Remote clock offset: -2.604 ms

Below is generated by plot.py at 2017-09-03 11:46:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 61.93 Mbit/s

95th percentile per-packet one-way delay: 76.199 ms

Loss rate: 1.02%

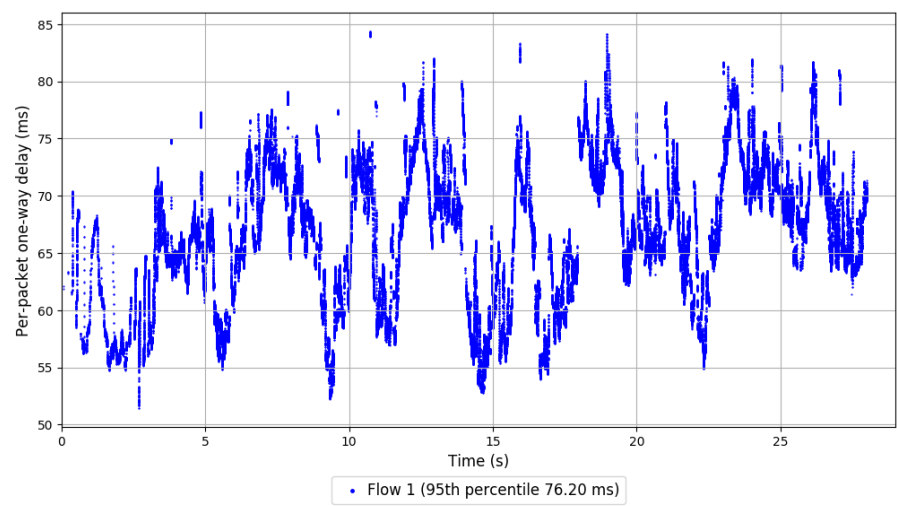
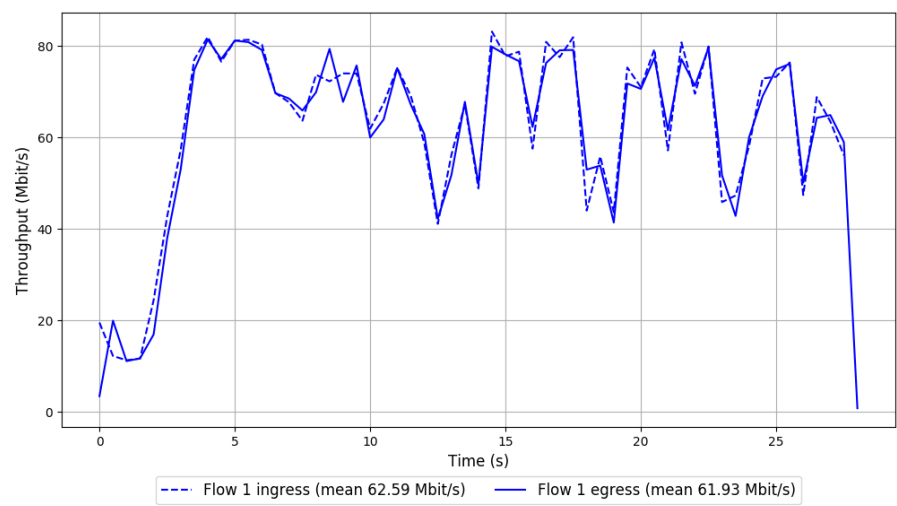
-- Flow 1:

Average throughput: 61.93 Mbit/s

95th percentile per-packet one-way delay: 76.199 ms

Loss rate: 1.02%

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



Run 5: Statistics of TaoVA-100x

Start at: 2017-09-03 09:49:52

End at: 2017-09-03 09:50:22

Local clock offset: -2.929 ms

Remote clock offset: -2.28 ms

Below is generated by plot.py at 2017-09-03 11:46:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 68.54 Mbit/s

95th percentile per-packet one-way delay: 60.090 ms

Loss rate: 2.12%

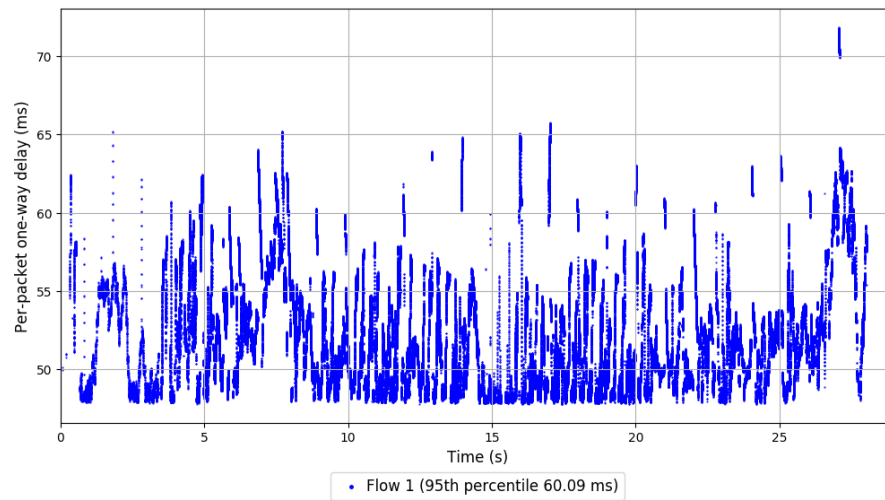
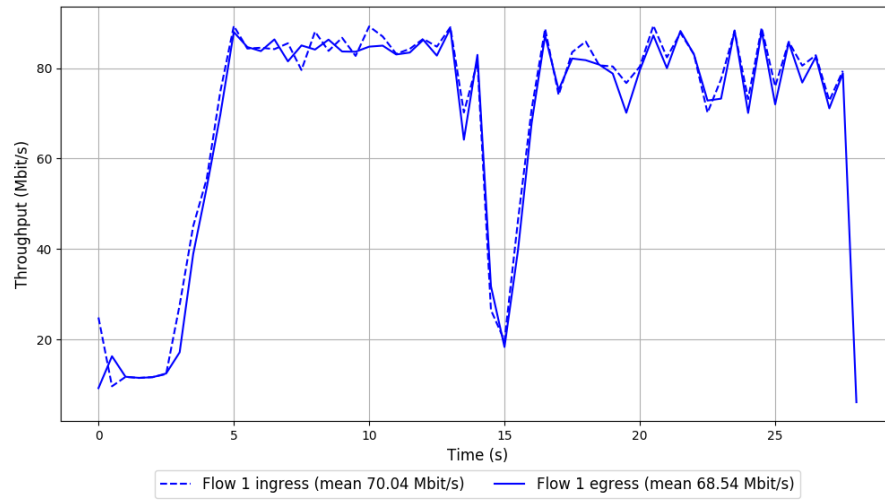
-- Flow 1:

Average throughput: 68.54 Mbit/s

95th percentile per-packet one-way delay: 60.090 ms

Loss rate: 2.12%

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

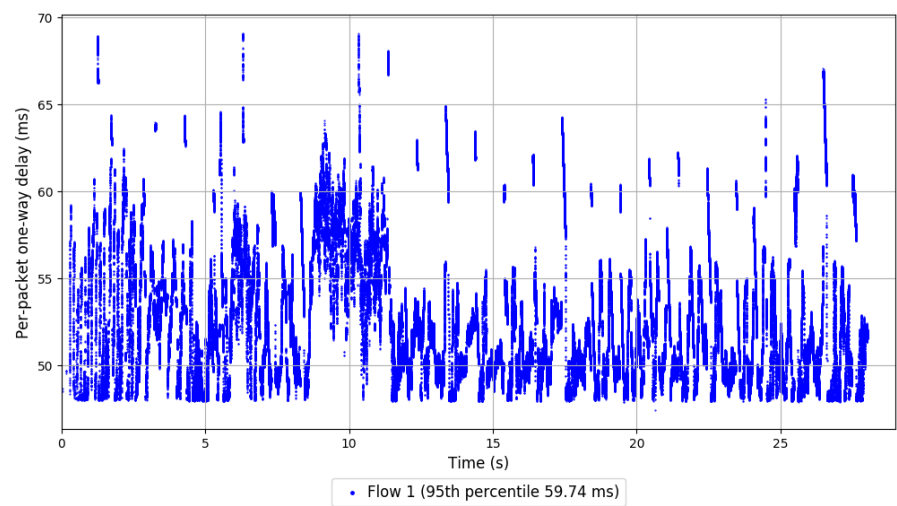
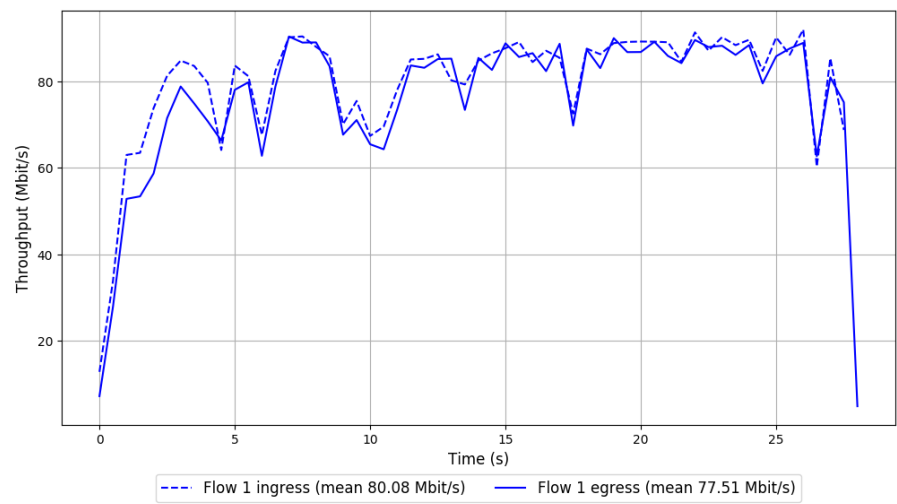


Run 6: Statistics of TaoVA-100x

Start at: 2017-09-03 10:08:07
End at: 2017-09-03 10:08:37
Local clock offset: -3.114 ms
Remote clock offset: -2.237 ms

Below is generated by plot.py at 2017-09-03 11:47:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.51 Mbit/s
95th percentile per-packet one-way delay: 59.744 ms
Loss rate: 3.22%
-- Flow 1:
Average throughput: 77.51 Mbit/s
95th percentile per-packet one-way delay: 59.744 ms
Loss rate: 3.22%

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

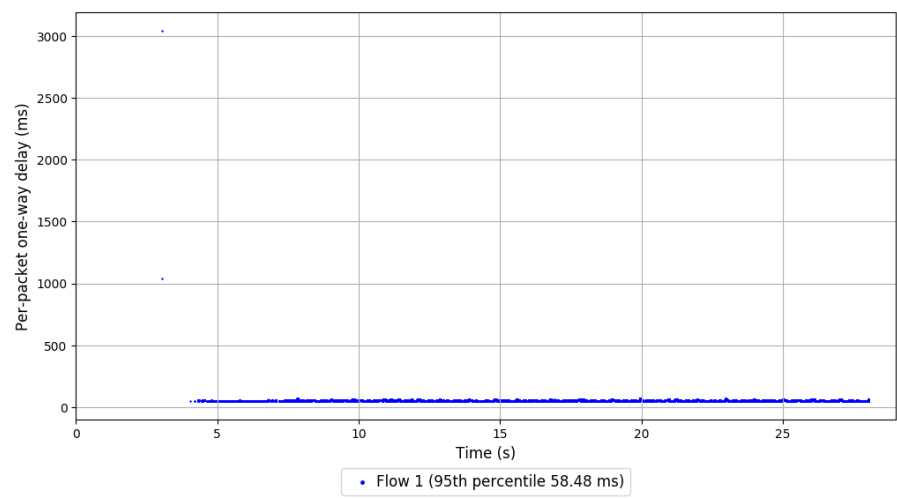
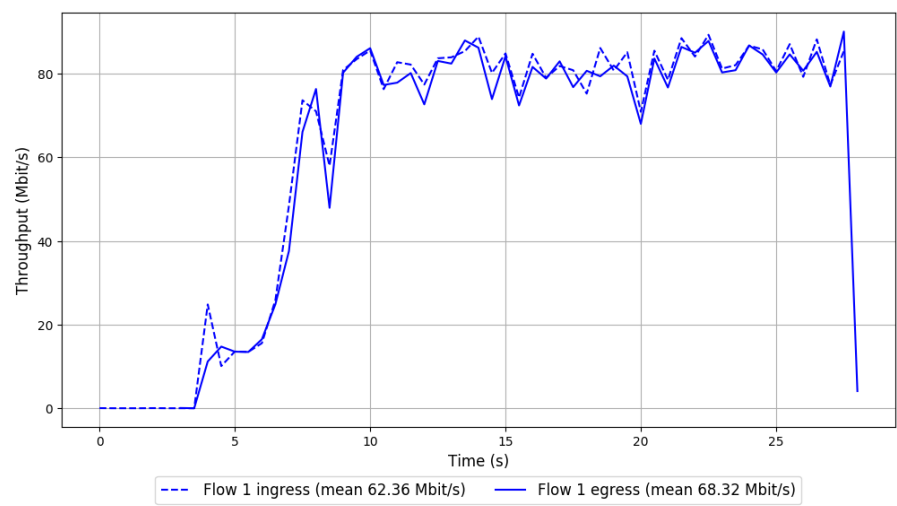


Run 7: Statistics of TaoVA-100x

Start at: 2017-09-03 10:26:25
End at: 2017-09-03 10:26:55
Local clock offset: -3.179 ms
Remote clock offset: -2.312 ms

Below is generated by plot.py at 2017-09-03 11:47:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 68.32 Mbit/s
95th percentile per-packet one-way delay: 58.485 ms
Loss rate: 2.13%
-- Flow 1:
Average throughput: 68.32 Mbit/s
95th percentile per-packet one-way delay: 58.485 ms
Loss rate: 2.13%

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

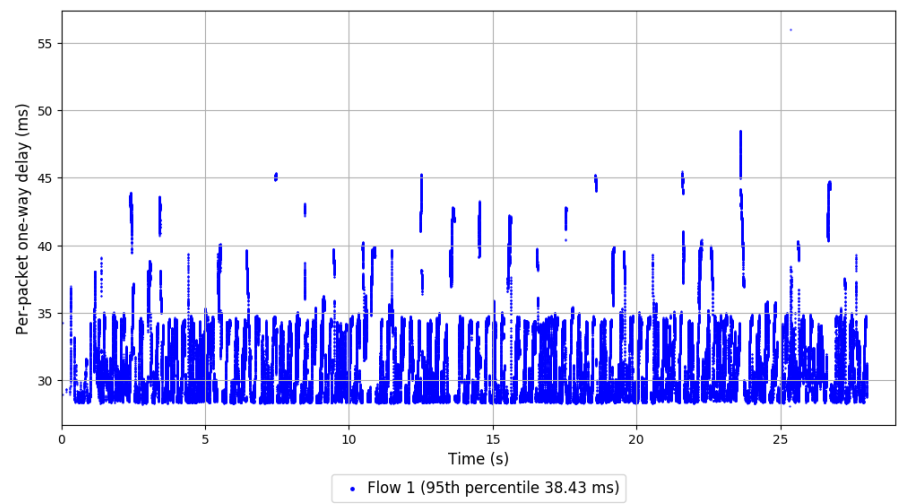
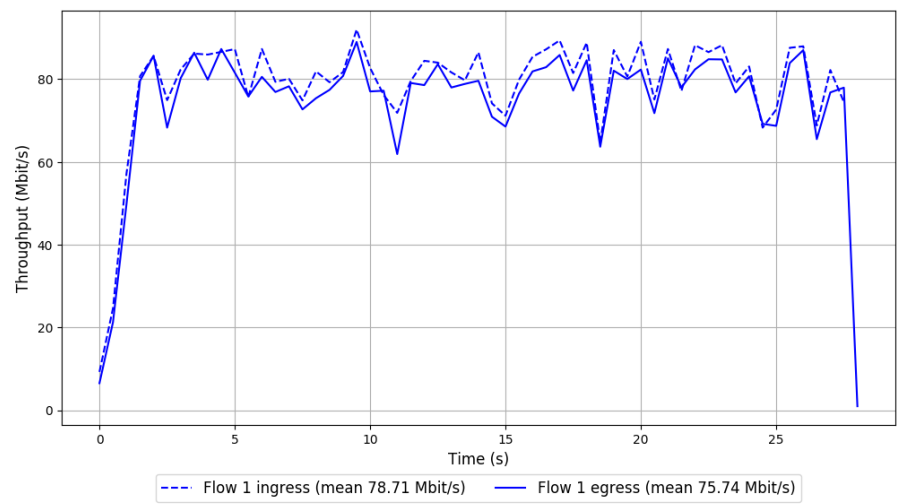


Run 8: Statistics of TaoVA-100x

Start at: 2017-09-03 10:44:37
End at: 2017-09-03 10:45:07
Local clock offset: 16.085 ms
Remote clock offset: -2.352 ms

Below is generated by plot.py at 2017-09-03 11:47:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 75.74 Mbit/s
95th percentile per-packet one-way delay: 38.428 ms
Loss rate: 3.78%
-- Flow 1:
Average throughput: 75.74 Mbit/s
95th percentile per-packet one-way delay: 38.428 ms
Loss rate: 3.78%

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



Run 9: Statistics of TaoVA-100x

Start at: 2017-09-03 11:02:49

End at: 2017-09-03 11:03:19

Local clock offset: 16.77 ms

Remote clock offset: -2.304 ms

Below is generated by plot.py at 2017-09-03 11:47:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 57.81 Mbit/s

95th percentile per-packet one-way delay: 65.175 ms

Loss rate: 1.44%

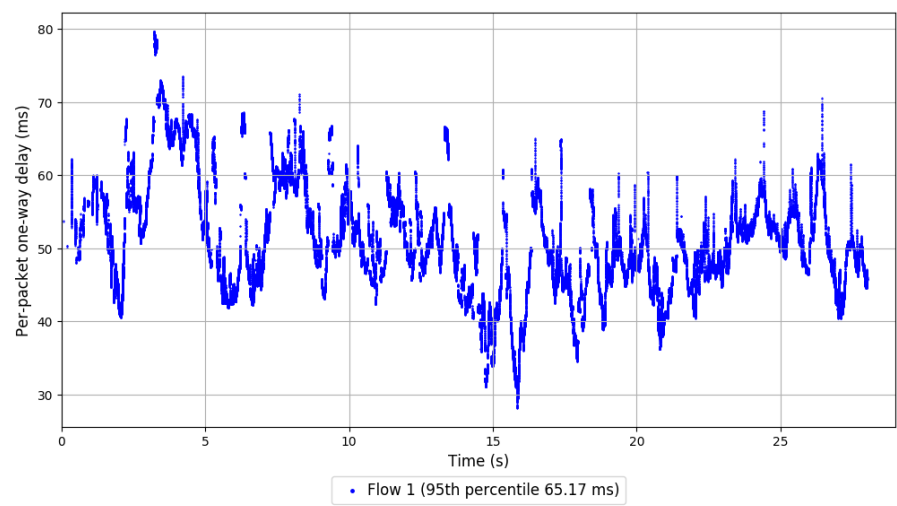
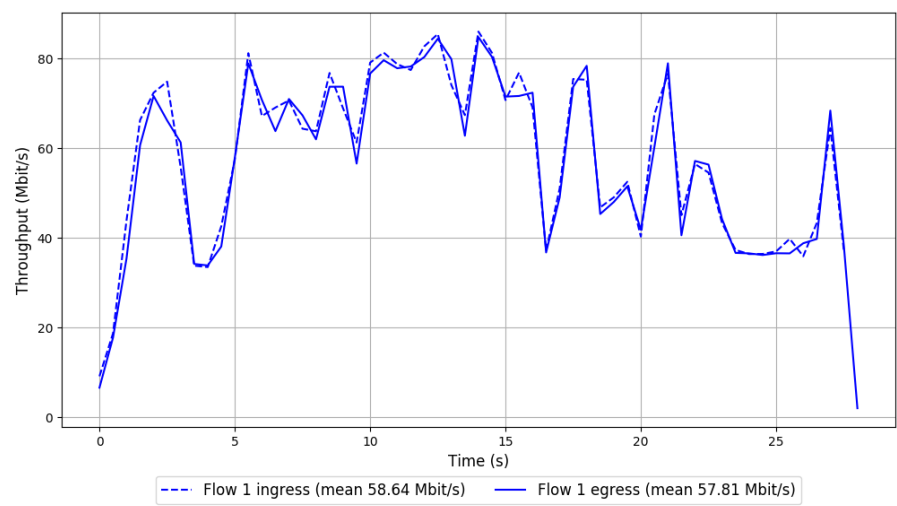
-- Flow 1:

Average throughput: 57.81 Mbit/s

95th percentile per-packet one-way delay: 65.175 ms

Loss rate: 1.44%

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

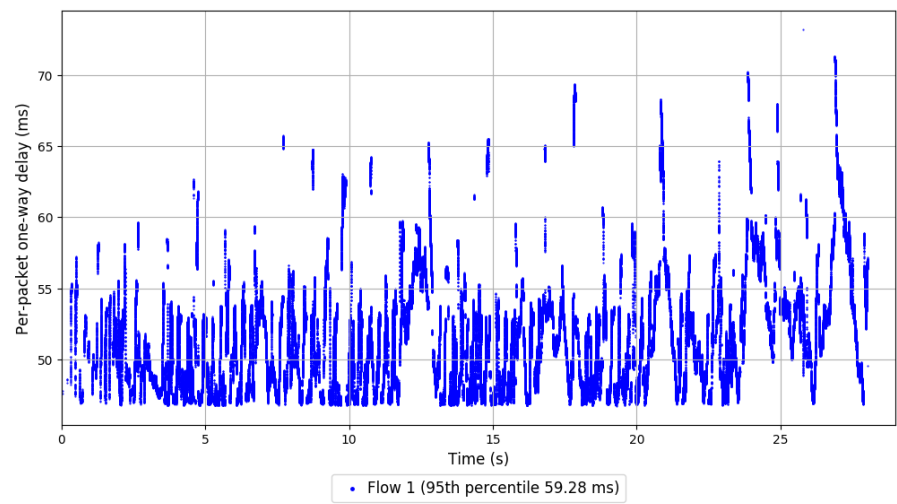
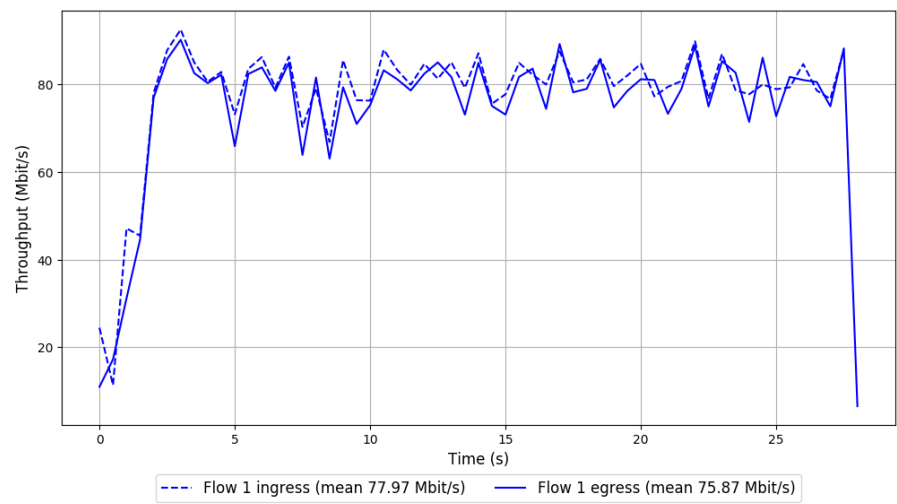


Run 10: Statistics of TaoVA-100x

Start at: 2017-09-03 11:21:09
End at: 2017-09-03 11:21:39
Local clock offset: -1.404 ms
Remote clock offset: -2.162 ms

Below is generated by plot.py at 2017-09-03 11:47:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 75.87 Mbit/s
95th percentile per-packet one-way delay: 59.276 ms
Loss rate: 2.69%
-- Flow 1:
Average throughput: 75.87 Mbit/s
95th percentile per-packet one-way delay: 59.276 ms
Loss rate: 2.69%

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

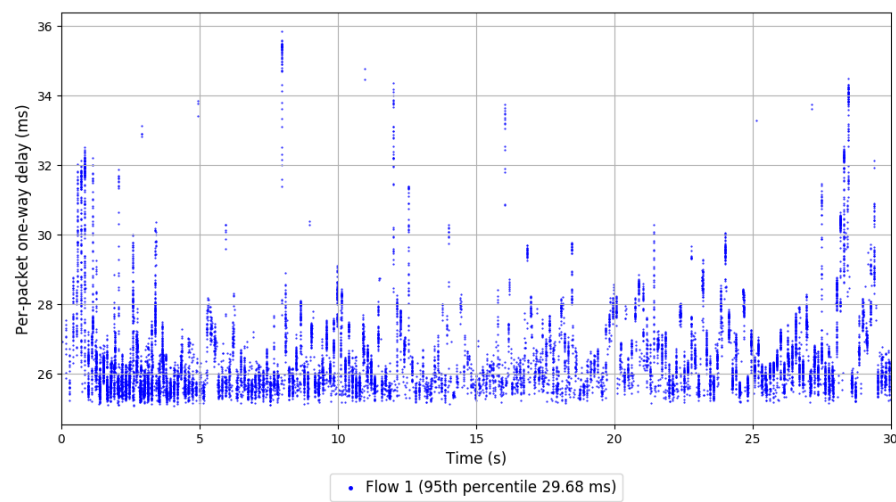
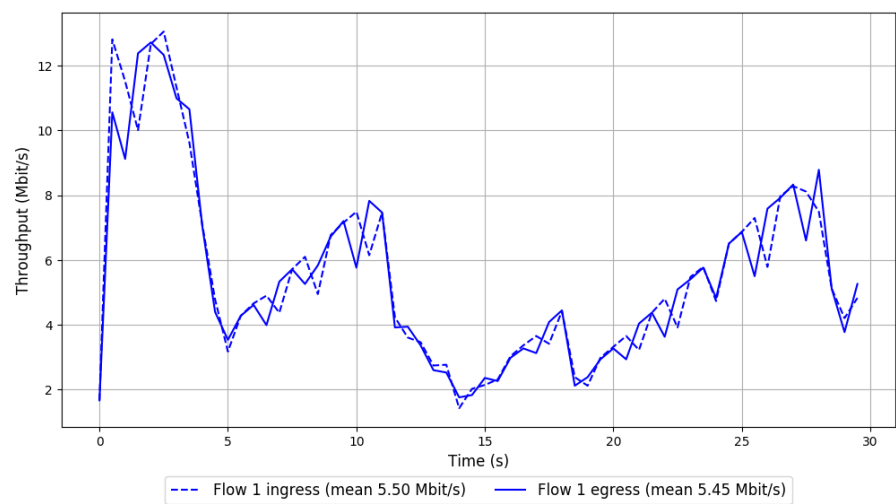


Run 1: Statistics of TCP Vegas

Start at: 2017-09-03 08:39:35
End at: 2017-09-03 08:40:05
Local clock offset: 20.204 ms
Remote clock offset: -2.679 ms

Below is generated by plot.py at 2017-09-03 11:47:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 5.45 Mbit/s
95th percentile per-packet one-way delay: 29.677 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 5.45 Mbit/s
95th percentile per-packet one-way delay: 29.677 ms
Loss rate: 0.81%

Run 1: Report of TCP Vegas — Data Link

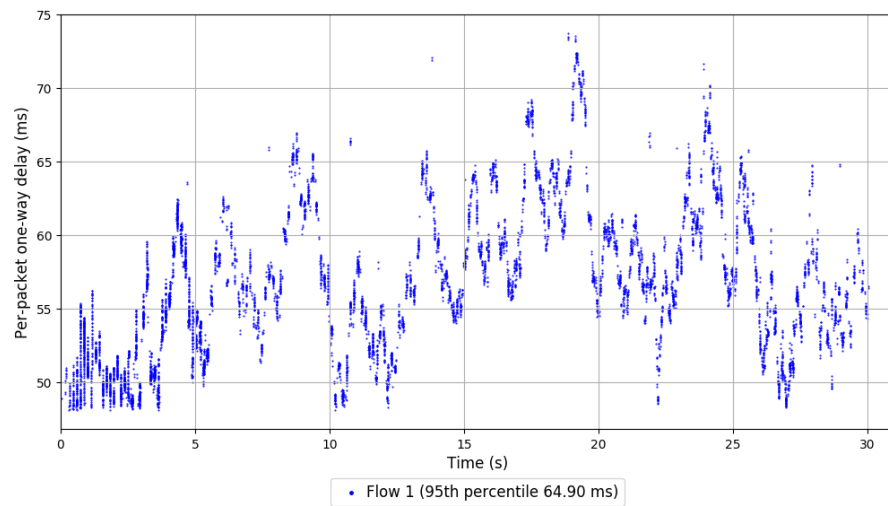
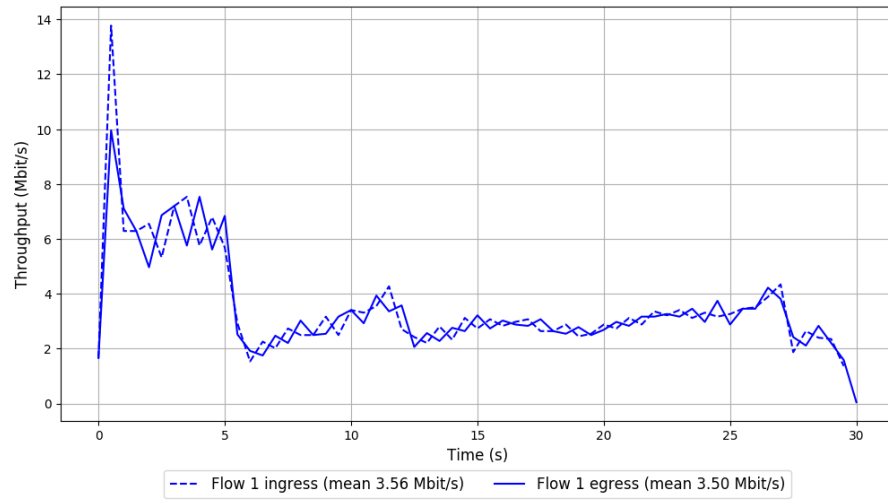


Run 2: Statistics of TCP Vegas

Start at: 2017-09-03 08:57:47
End at: 2017-09-03 08:58:17
Local clock offset: -2.488 ms
Remote clock offset: -2.269 ms

Below is generated by plot.py at 2017-09-03 11:47:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 3.50 Mbit/s
95th percentile per-packet one-way delay: 64.901 ms
Loss rate: 1.47%
-- Flow 1:
Average throughput: 3.50 Mbit/s
95th percentile per-packet one-way delay: 64.901 ms
Loss rate: 1.47%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

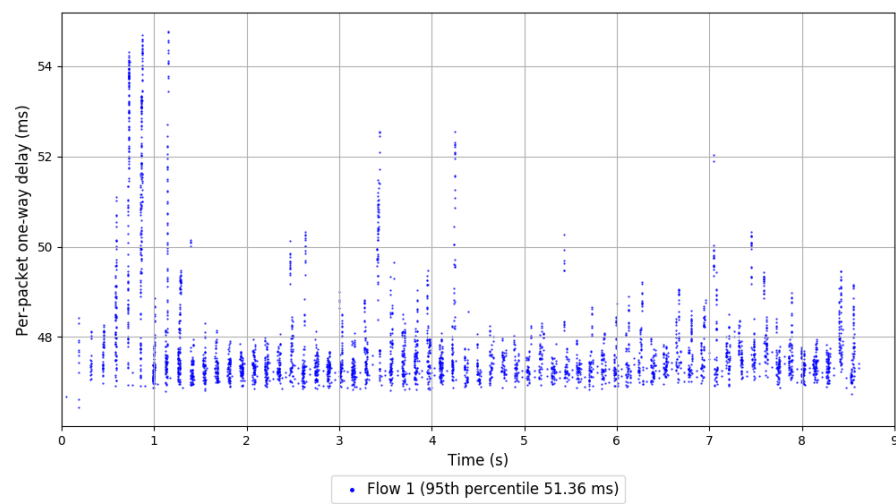
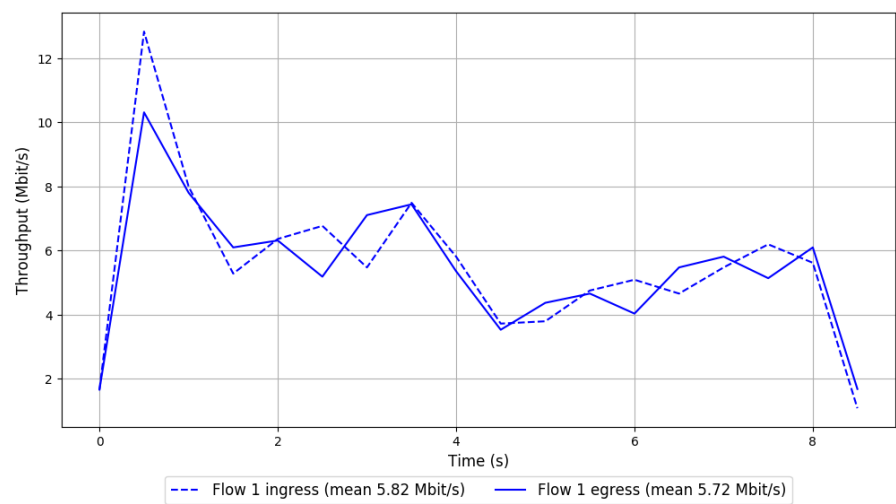
Start at: 2017-09-03 09:15:58

End at: 2017-09-03 09:16:28

Local clock offset: -1.163 ms

Remote clock offset: -1.95 ms

Run 3: Report of TCP Vegas — Data Link

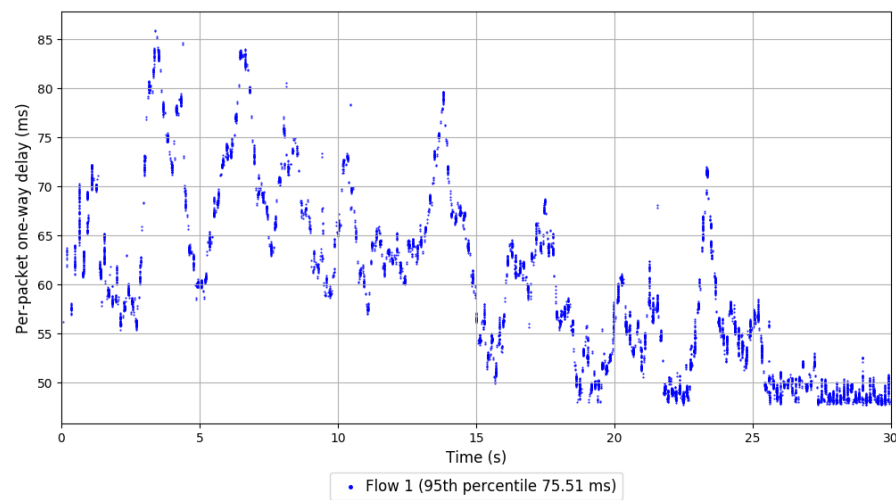
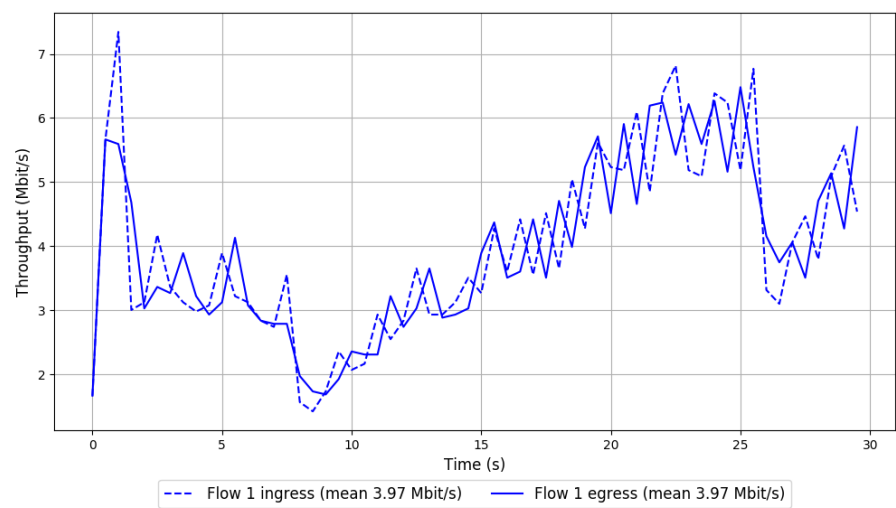


Run 4: Statistics of TCP Vegas

Start at: 2017-09-03 09:34:03
End at: 2017-09-03 09:34:34
Local clock offset: -2.451 ms
Remote clock offset: -2.054 ms

Below is generated by plot.py at 2017-09-03 11:47:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 3.97 Mbit/s
95th percentile per-packet one-way delay: 75.513 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 3.97 Mbit/s
95th percentile per-packet one-way delay: 75.513 ms
Loss rate: 0.06%

Run 4: Report of TCP Vegas — Data Link

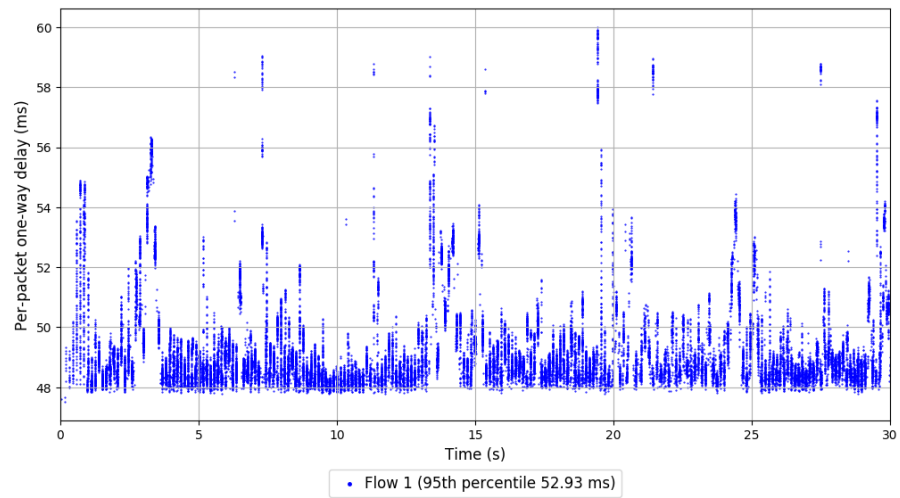
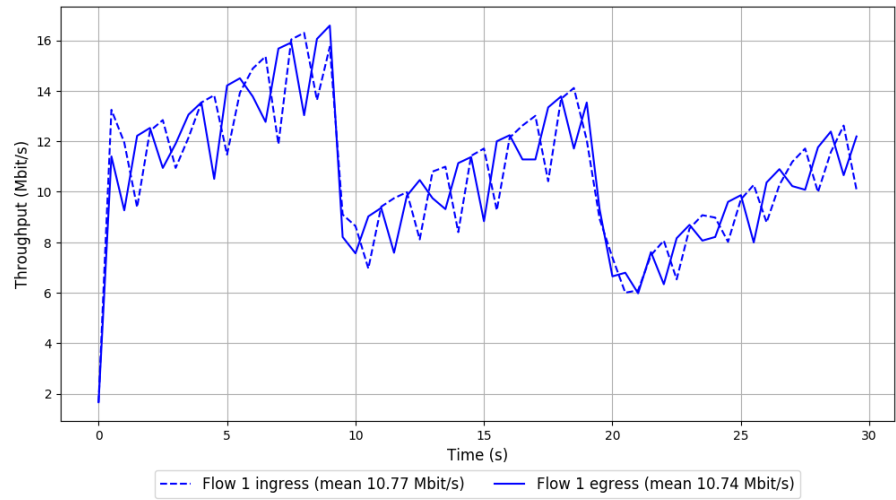


Run 5: Statistics of TCP Vegas

Start at: 2017-09-03 09:52:28
End at: 2017-09-03 09:52:58
Local clock offset: -3.029 ms
Remote clock offset: -2.138 ms

Below is generated by plot.py at 2017-09-03 11:47:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 10.74 Mbit/s
95th percentile per-packet one-way delay: 52.930 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 10.74 Mbit/s
95th percentile per-packet one-way delay: 52.930 ms
Loss rate: 0.32%

Run 5: Report of TCP Vegas — Data Link

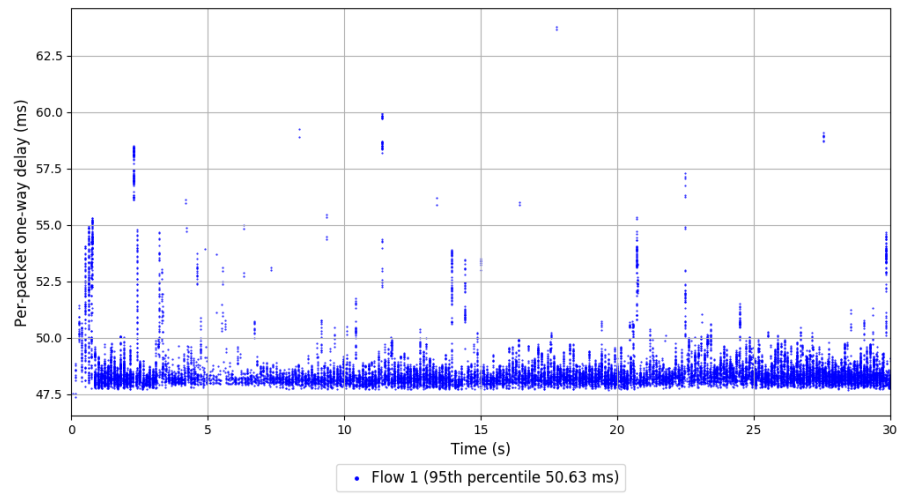
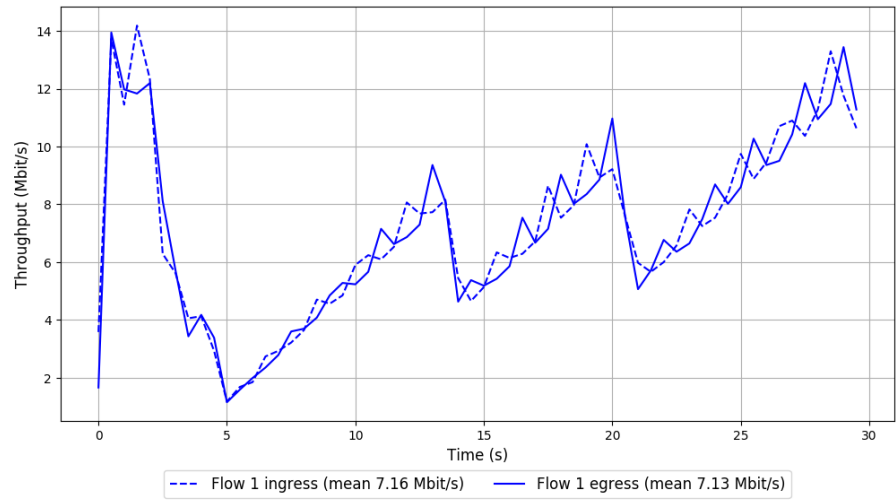


Run 6: Statistics of TCP Vegas

Start at: 2017-09-03 10:10:43
End at: 2017-09-03 10:11:13
Local clock offset: -3.17 ms
Remote clock offset: -2.282 ms

Below is generated by plot.py at 2017-09-03 11:47:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 7.13 Mbit/s
95th percentile per-packet one-way delay: 50.627 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 7.13 Mbit/s
95th percentile per-packet one-way delay: 50.627 ms
Loss rate: 0.47%

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: 2017-09-03 10:28:58

End at: 2017-09-03 10:29:28

Local clock offset: -3.15 ms

Remote clock offset: -2.34 ms

Below is generated by plot.py at 2017-09-03 11:47:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 6.99 Mbit/s

95th percentile per-packet one-way delay: 50.028 ms

Loss rate: 0.59%

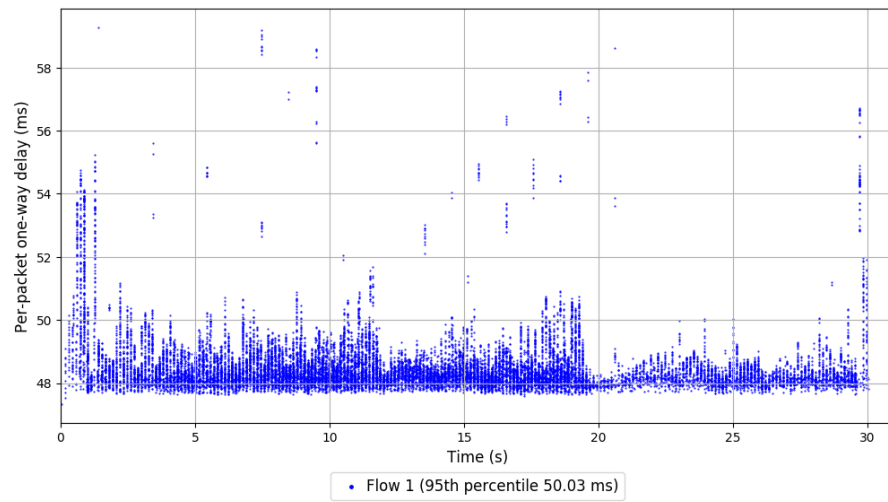
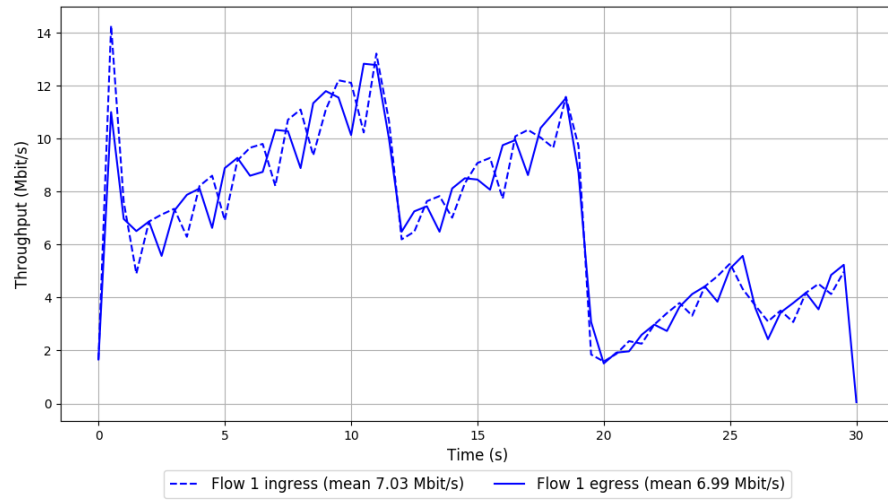
-- Flow 1:

Average throughput: 6.99 Mbit/s

95th percentile per-packet one-way delay: 50.028 ms

Loss rate: 0.59%

Run 7: Report of TCP Vegas — Data Link

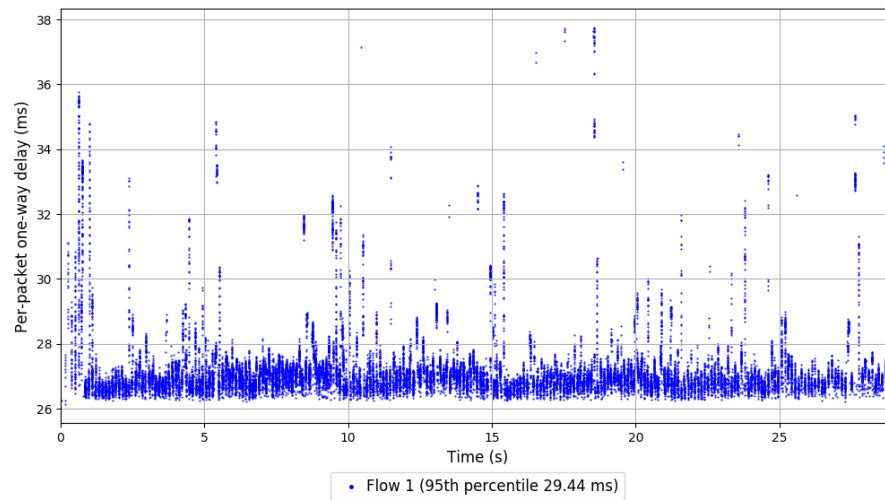
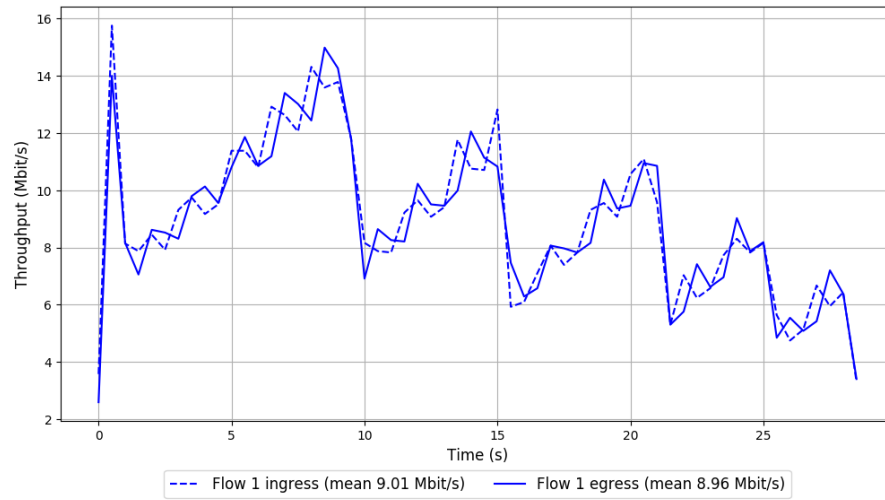


Run 8: Statistics of TCP Vegas

Start at: 2017-09-03 10:47:12
End at: 2017-09-03 10:47:42
Local clock offset: 18.181 ms
Remote clock offset: -2.303 ms

Below is generated by plot.py at 2017-09-03 11:47:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 8.96 Mbit/s
95th percentile per-packet one-way delay: 29.444 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 8.96 Mbit/s
95th percentile per-packet one-way delay: 29.444 ms
Loss rate: 0.60%

Run 8: Report of TCP Vegas — Data Link

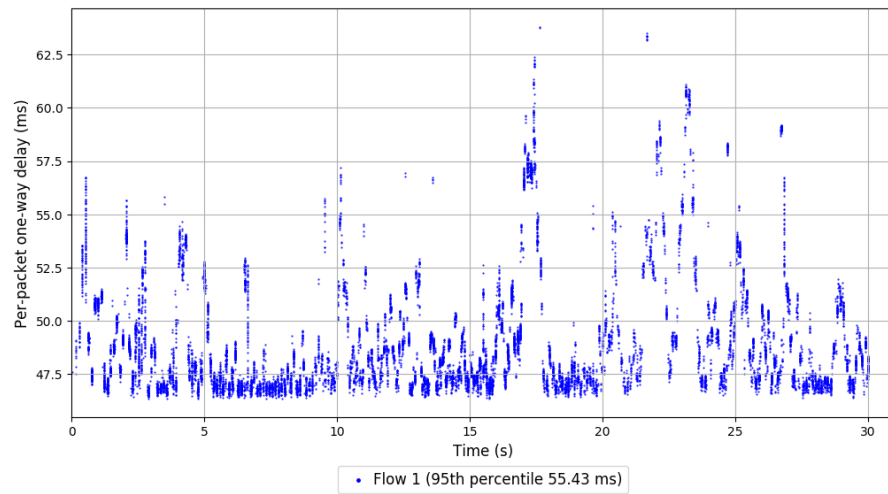
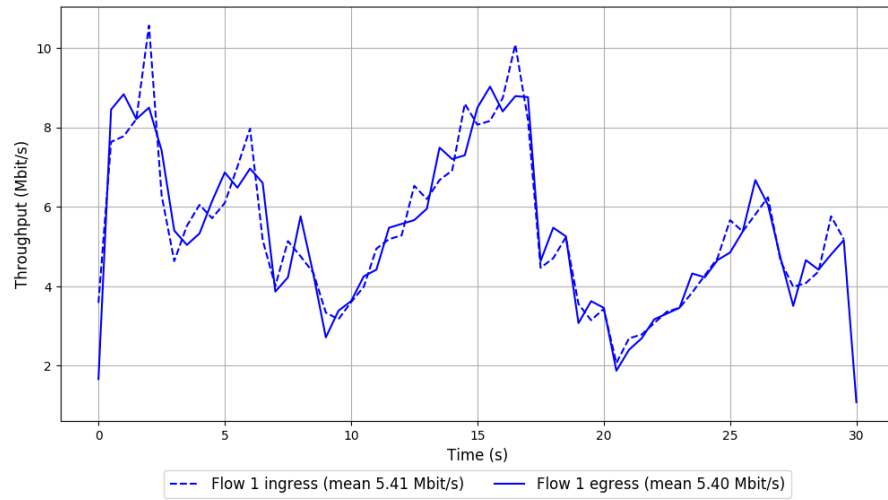


Run 9: Statistics of TCP Vegas

Start at: 2017-09-03 11:05:22
End at: 2017-09-03 11:05:52
Local clock offset: -1.615 ms
Remote clock offset: -2.347 ms

Below is generated by plot.py at 2017-09-03 11:47:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 5.40 Mbit/s
95th percentile per-packet one-way delay: 55.428 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 5.40 Mbit/s
95th percentile per-packet one-way delay: 55.428 ms
Loss rate: 0.16%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

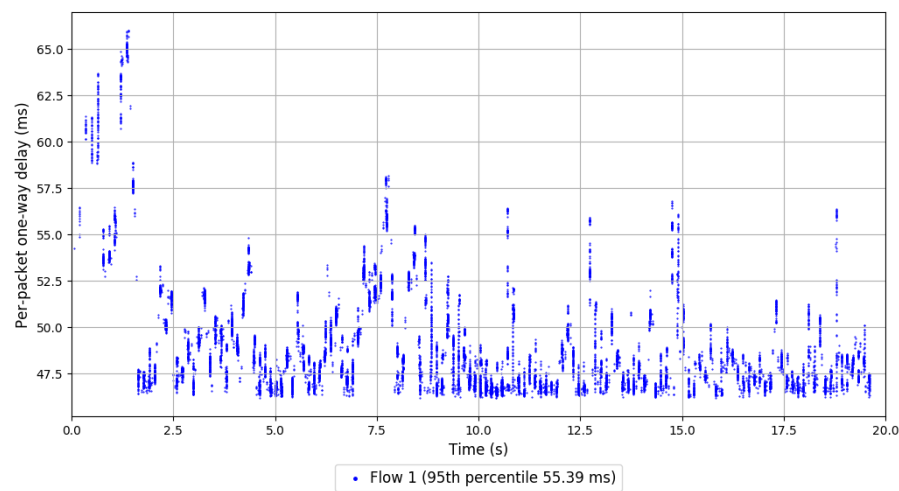
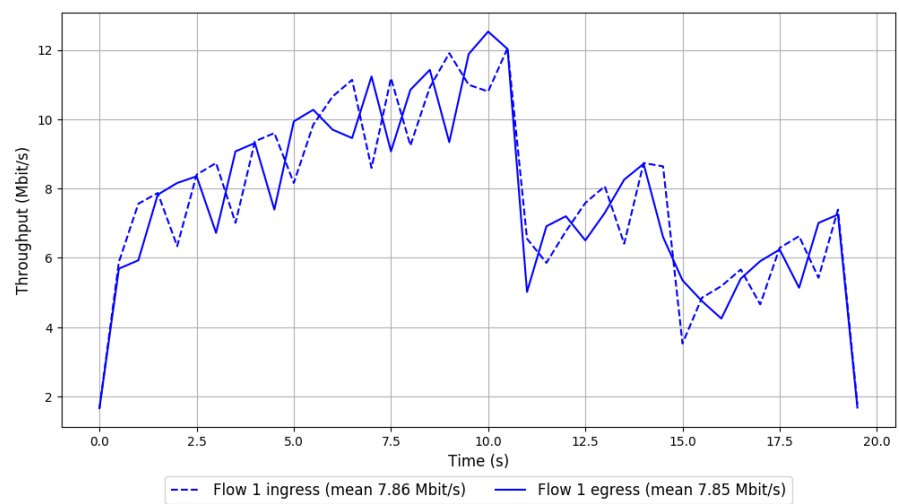
Start at: 2017-09-03 11:23:38

End at: 2017-09-03 11:24:08

Local clock offset: -1.196 ms

Remote clock offset: -2.334 ms

Run 10: Report of TCP Vegas — Data Link

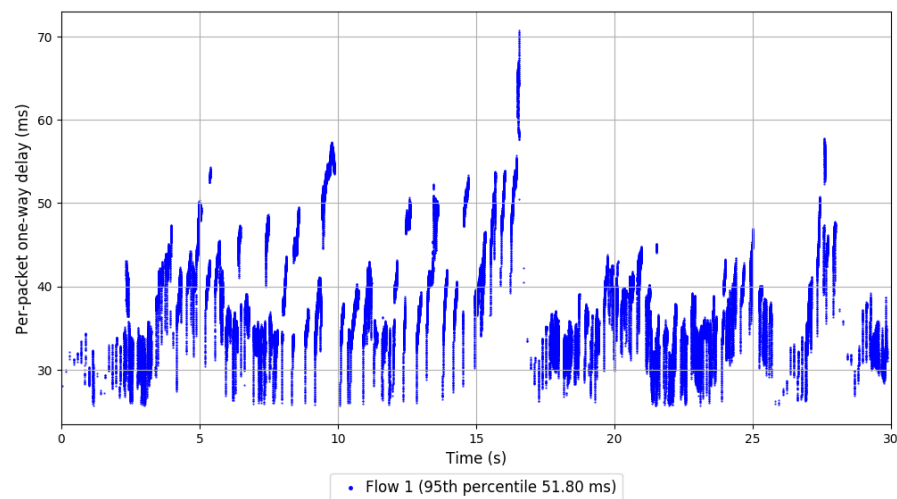
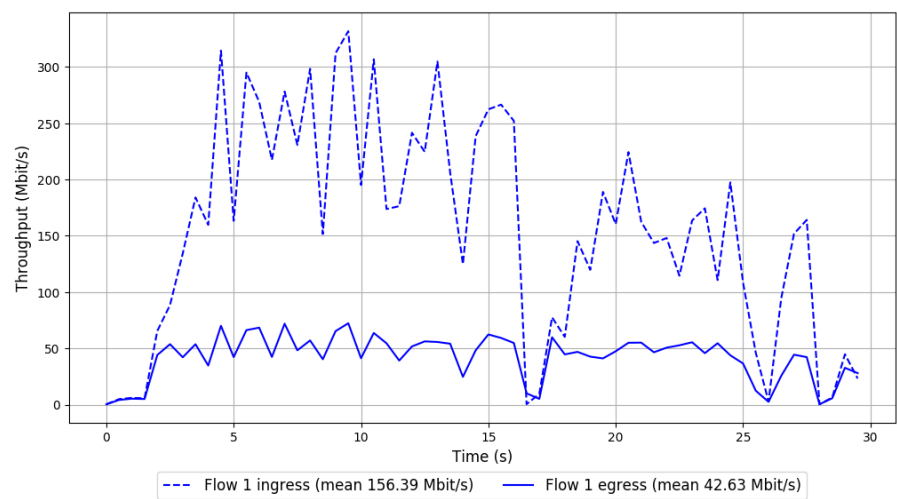


Run 1: Statistics of Verus

Start at: 2017-09-03 08:32:04
End at: 2017-09-03 08:32:34
Local clock offset: 20.032 ms
Remote clock offset: -2.673 ms

Below is generated by plot.py at 2017-09-03 11:47:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 42.63 Mbit/s
95th percentile per-packet one-way delay: 51.800 ms
Loss rate: 72.74%
-- Flow 1:
Average throughput: 42.63 Mbit/s
95th percentile per-packet one-way delay: 51.800 ms
Loss rate: 72.74%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: 2017-09-03 08:50:22

End at: 2017-09-03 08:50:52

Local clock offset: 18.949 ms

Remote clock offset: -2.41 ms

Below is generated by plot.py at 2017-09-03 11:47:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 47.65 Mbit/s

95th percentile per-packet one-way delay: 57.849 ms

Loss rate: 73.43%

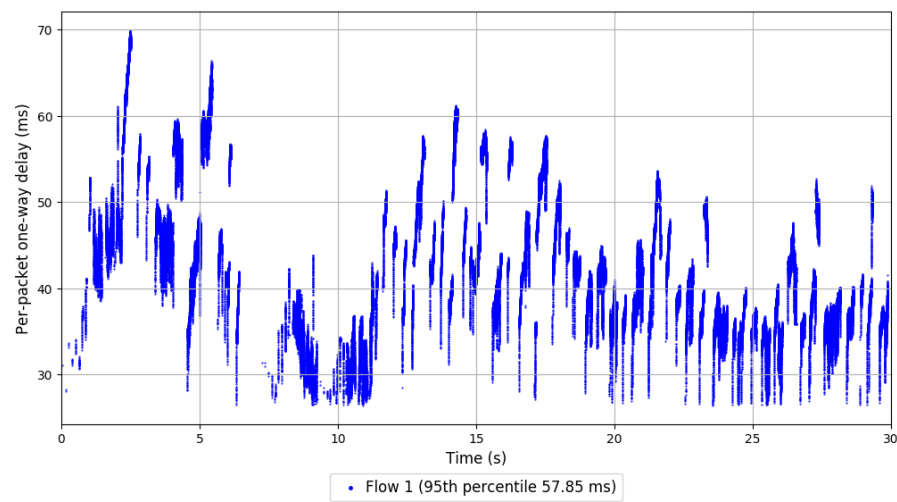
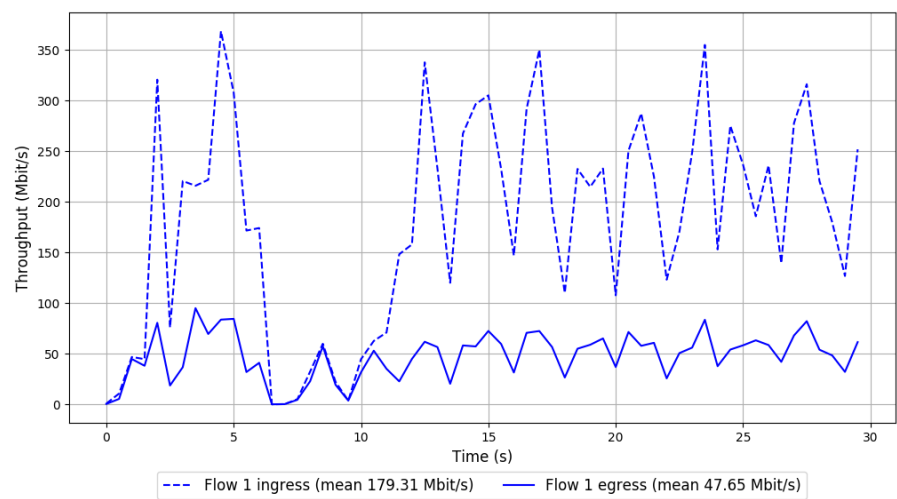
-- Flow 1:

Average throughput: 47.65 Mbit/s

95th percentile per-packet one-way delay: 57.849 ms

Loss rate: 73.43%

Run 2: Report of Verus — Data Link

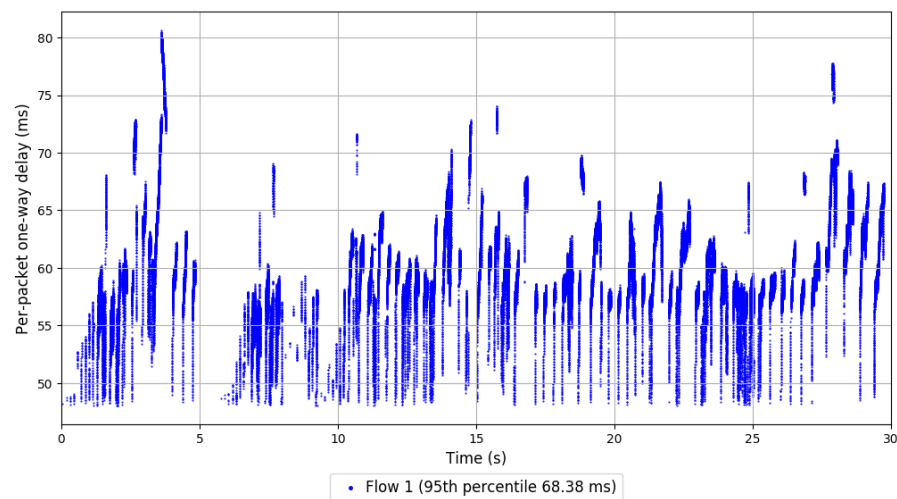
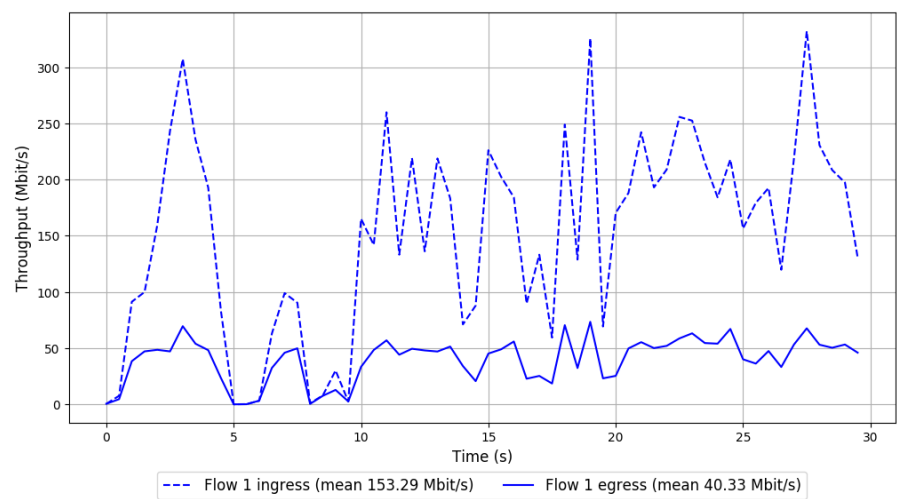


Run 3: Statistics of Verus

Start at: 2017-09-03 09:08:31
End at: 2017-09-03 09:09:01
Local clock offset: -2.457 ms
Remote clock offset: -2.105 ms

Below is generated by plot.py at 2017-09-03 11:47:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 40.33 Mbit/s
95th percentile per-packet one-way delay: 68.382 ms
Loss rate: 73.67%
-- Flow 1:
Average throughput: 40.33 Mbit/s
95th percentile per-packet one-way delay: 68.382 ms
Loss rate: 73.67%

Run 3: Report of Verus — Data Link

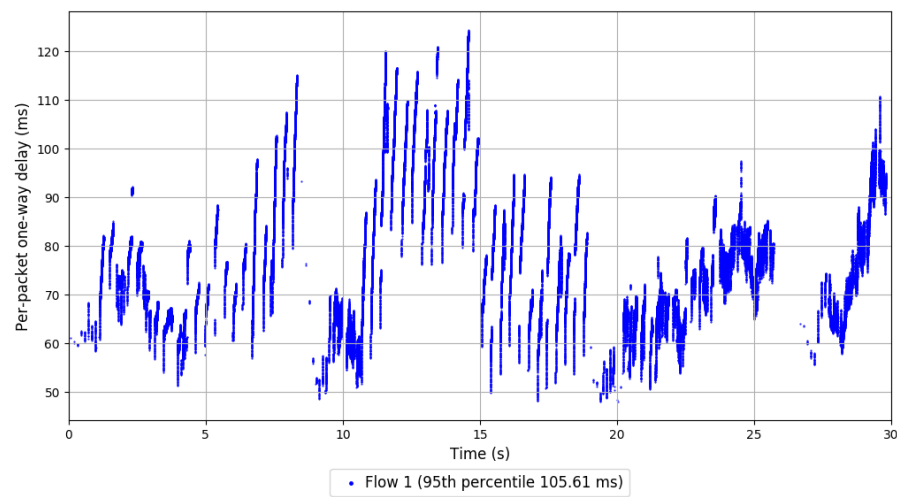
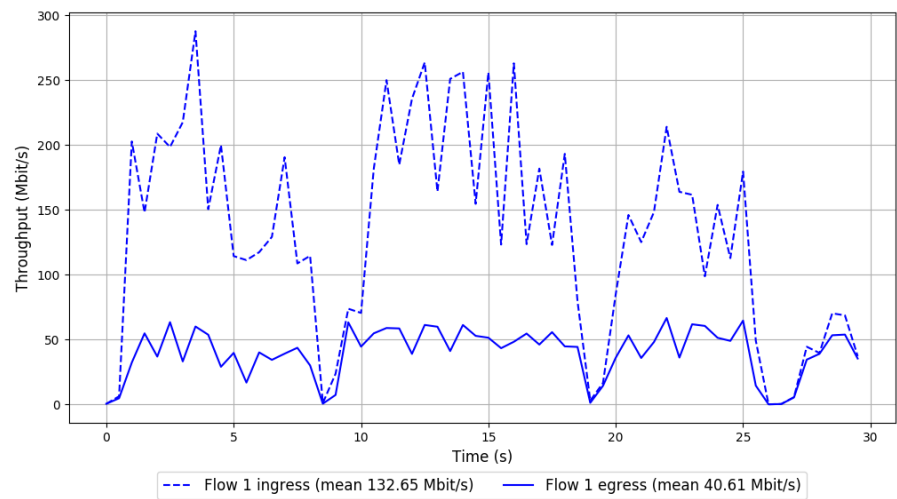


Run 4: Statistics of Verus

Start at: 2017-09-03 09:26:43
End at: 2017-09-03 09:27:13
Local clock offset: -2.416 ms
Remote clock offset: -2.028 ms

Below is generated by plot.py at 2017-09-03 11:48:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 40.61 Mbit/s
95th percentile per-packet one-way delay: 105.611 ms
Loss rate: 69.36%
-- Flow 1:
Average throughput: 40.61 Mbit/s
95th percentile per-packet one-way delay: 105.611 ms
Loss rate: 69.36%

Run 4: Report of Verus — Data Link

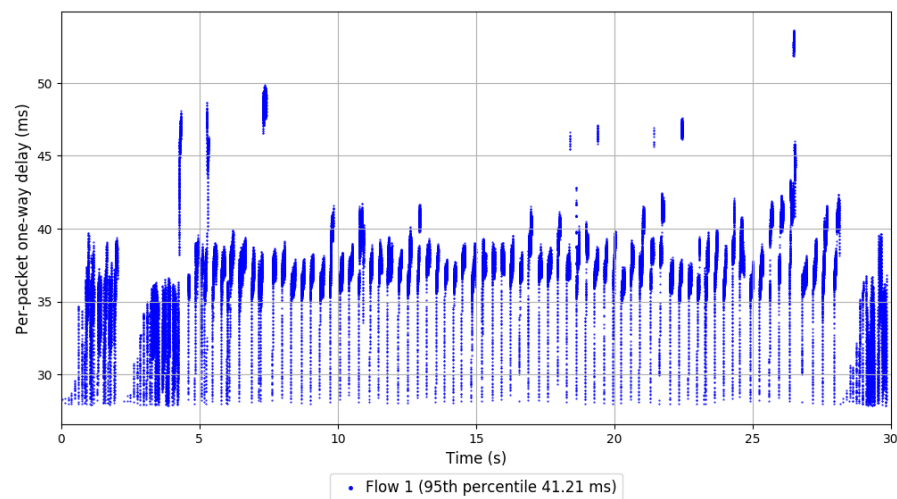
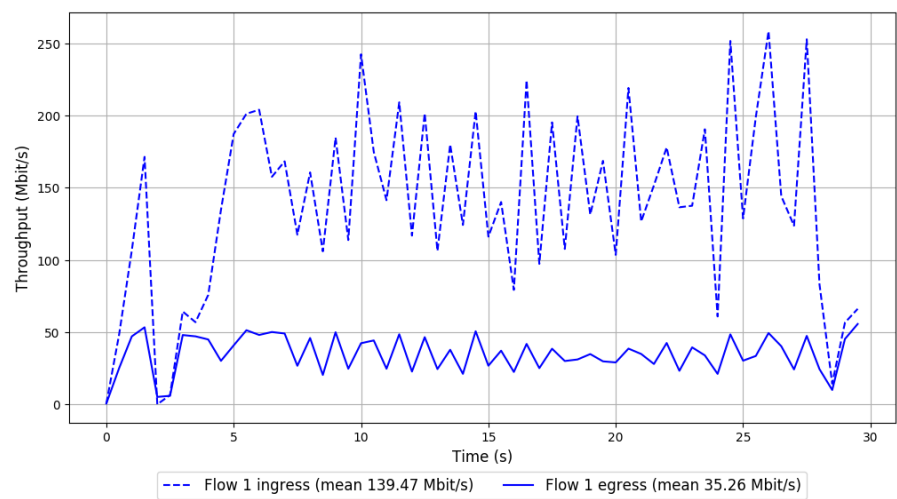


Run 5: Statistics of Verus

Start at: 2017-09-03 09:44:54
End at: 2017-09-03 09:45:24
Local clock offset: 17.145 ms
Remote clock offset: -2.058 ms

Below is generated by plot.py at 2017-09-03 11:48:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 35.26 Mbit/s
95th percentile per-packet one-way delay: 41.207 ms
Loss rate: 74.71%
-- Flow 1:
Average throughput: 35.26 Mbit/s
95th percentile per-packet one-way delay: 41.207 ms
Loss rate: 74.71%

Run 5: Report of Verus — Data Link

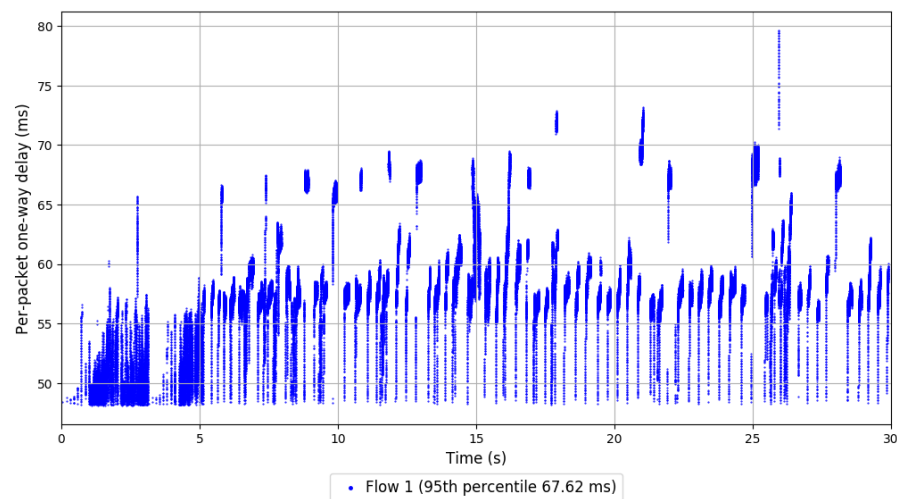
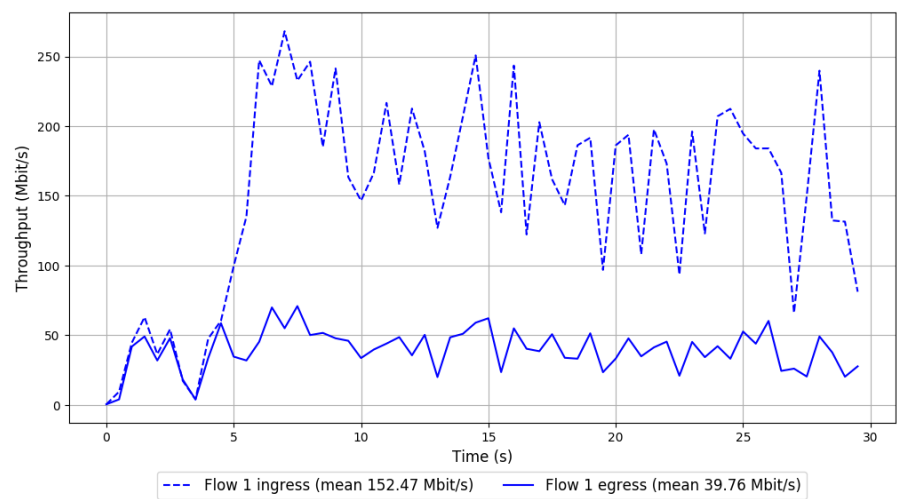


Run 6: Statistics of Verus

Start at: 2017-09-03 10:03:14
End at: 2017-09-03 10:03:44
Local clock offset: -3.192 ms
Remote clock offset: -2.107 ms

Below is generated by plot.py at 2017-09-03 11:48:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 39.76 Mbit/s
95th percentile per-packet one-way delay: 67.616 ms
Loss rate: 73.91%
-- Flow 1:
Average throughput: 39.76 Mbit/s
95th percentile per-packet one-way delay: 67.616 ms
Loss rate: 73.91%

Run 6: Report of Verus — Data Link

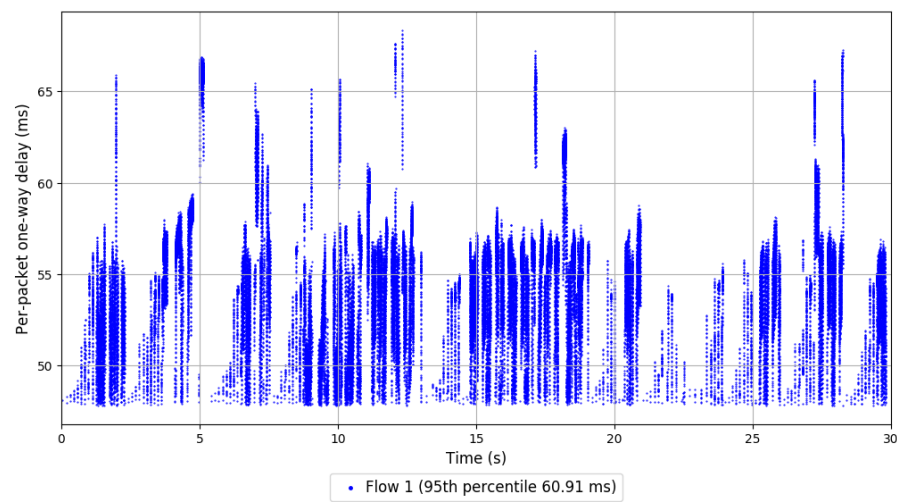
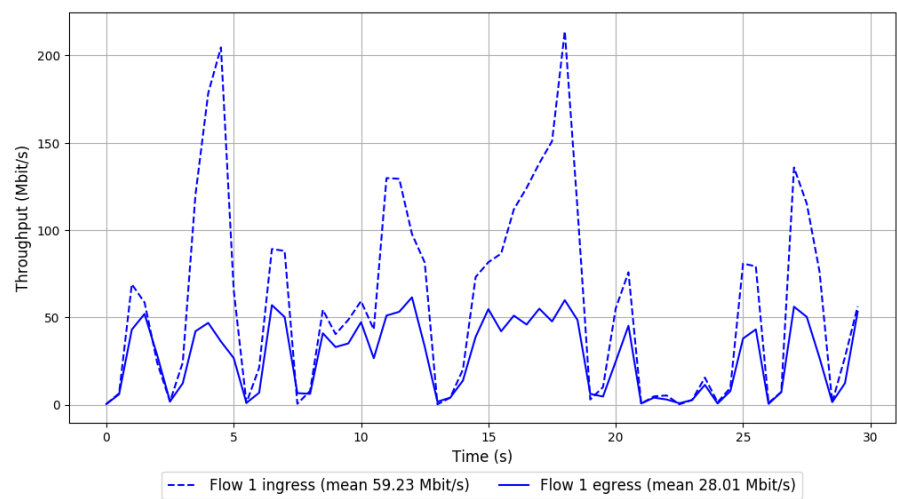


Run 7: Statistics of Verus

Start at: 2017-09-03 10:21:30
End at: 2017-09-03 10:22:00
Local clock offset: -3.274 ms
Remote clock offset: -2.328 ms

Below is generated by plot.py at 2017-09-03 11:48:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 28.01 Mbit/s
95th percentile per-packet one-way delay: 60.915 ms
Loss rate: 52.70%
-- Flow 1:
Average throughput: 28.01 Mbit/s
95th percentile per-packet one-way delay: 60.915 ms
Loss rate: 52.70%

Run 7: Report of Verus — Data Link

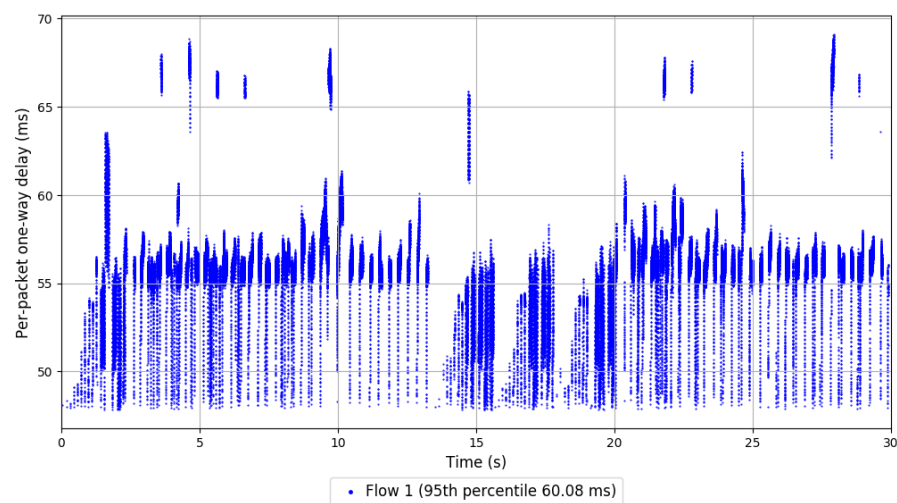
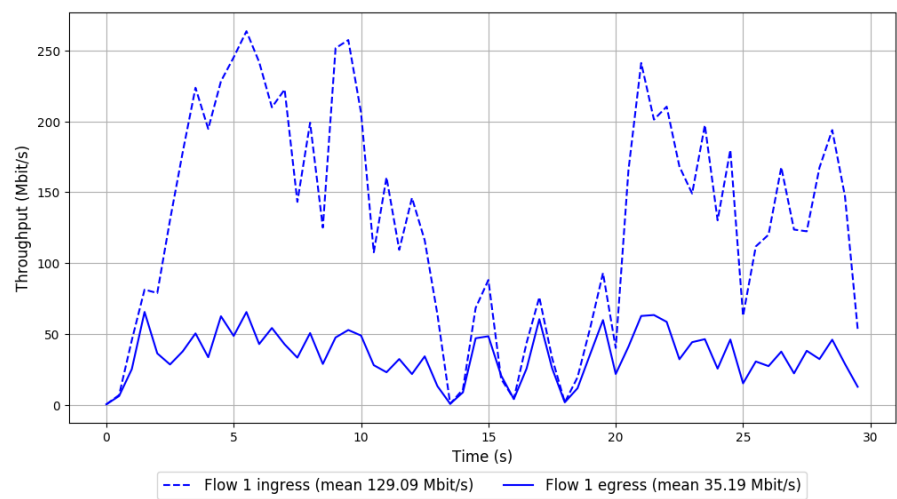


Run 8: Statistics of Verus

Start at: 2017-09-03 10:39:43
End at: 2017-09-03 10:40:13
Local clock offset: -3.326 ms
Remote clock offset: -2.283 ms

Below is generated by plot.py at 2017-09-03 11:48:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 35.19 Mbit/s
95th percentile per-packet one-way delay: 60.075 ms
Loss rate: 72.74%
-- Flow 1:
Average throughput: 35.19 Mbit/s
95th percentile per-packet one-way delay: 60.075 ms
Loss rate: 72.74%

Run 8: Report of Verus — Data Link

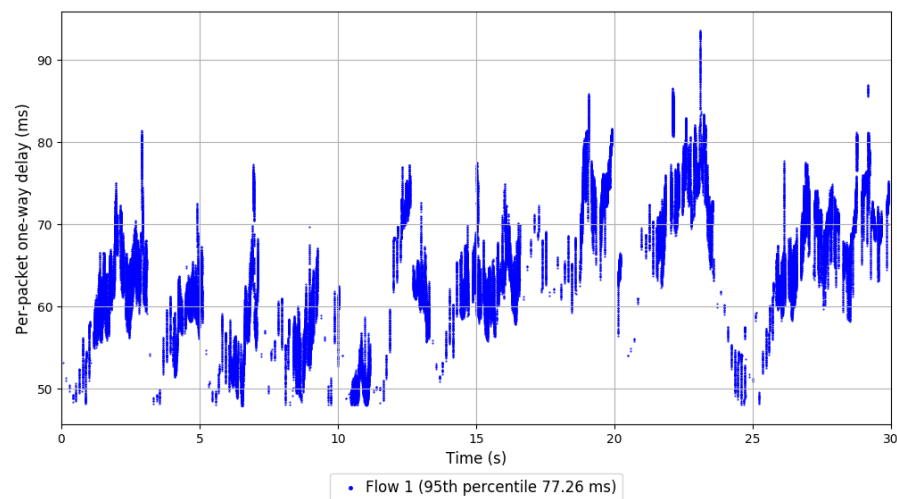
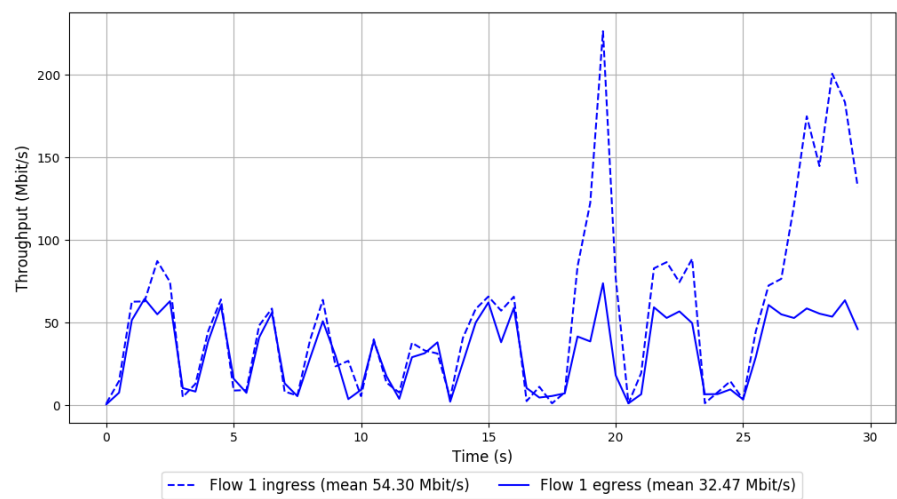


Run 9: Statistics of Verus

Start at: 2017-09-03 10:57:58
End at: 2017-09-03 10:58:28
Local clock offset: -3.157 ms
Remote clock offset: -2.388 ms

Below is generated by plot.py at 2017-09-03 11:48:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 32.47 Mbit/s
95th percentile per-packet one-way delay: 77.256 ms
Loss rate: 40.17%
-- Flow 1:
Average throughput: 32.47 Mbit/s
95th percentile per-packet one-way delay: 77.256 ms
Loss rate: 40.17%

Run 9: Report of Verus — Data Link

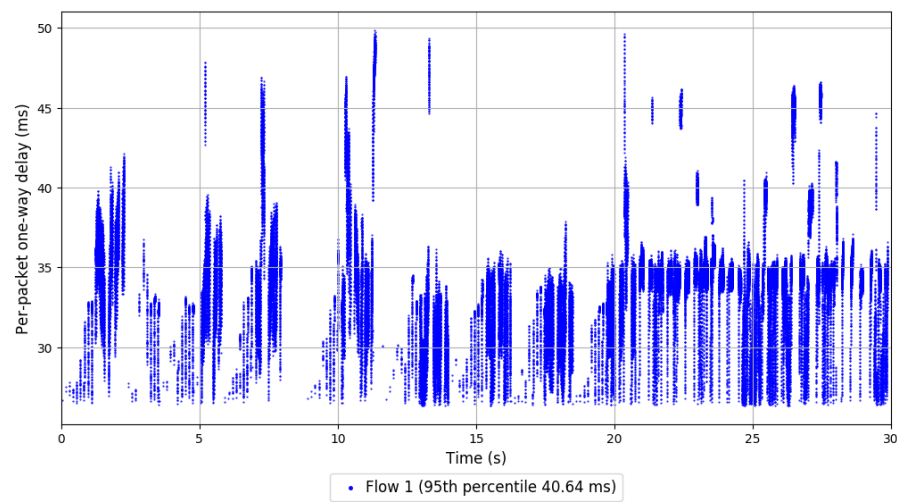
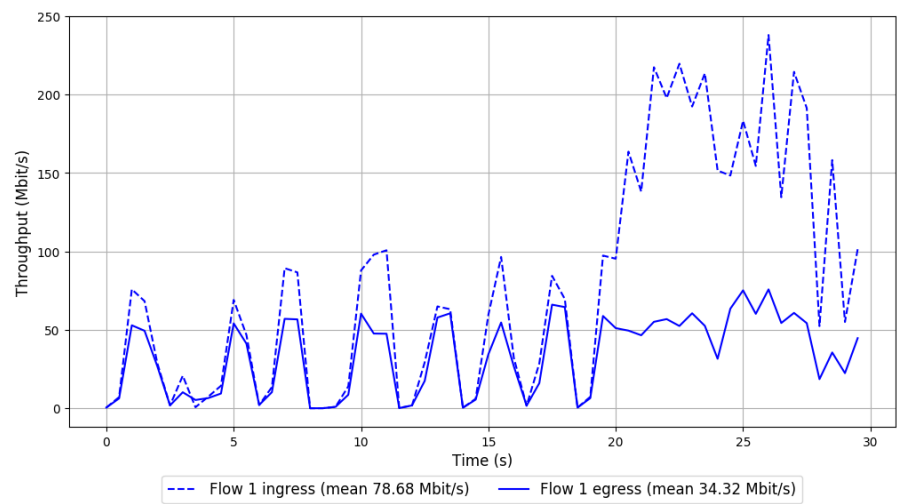


Run 10: Statistics of Verus

Start at: 2017-09-03 11:16:14
End at: 2017-09-03 11:16:44
Local clock offset: 18.86 ms
Remote clock offset: -2.295 ms

Below is generated by plot.py at 2017-09-03 11:48:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 34.32 Mbit/s
95th percentile per-packet one-way delay: 40.643 ms
Loss rate: 56.37%
-- Flow 1:
Average throughput: 34.32 Mbit/s
95th percentile per-packet one-way delay: 40.643 ms
Loss rate: 56.37%

Run 10: Report of Verus — Data Link



Run 1: Statistics of WebRTC media

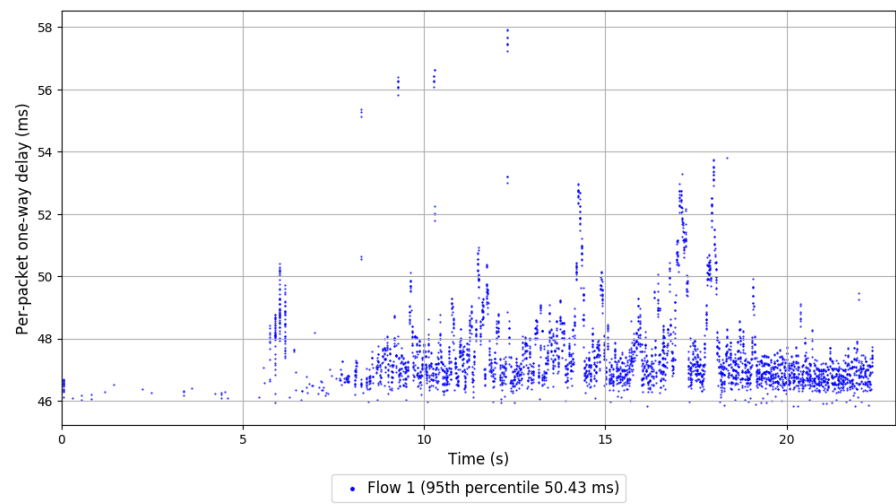
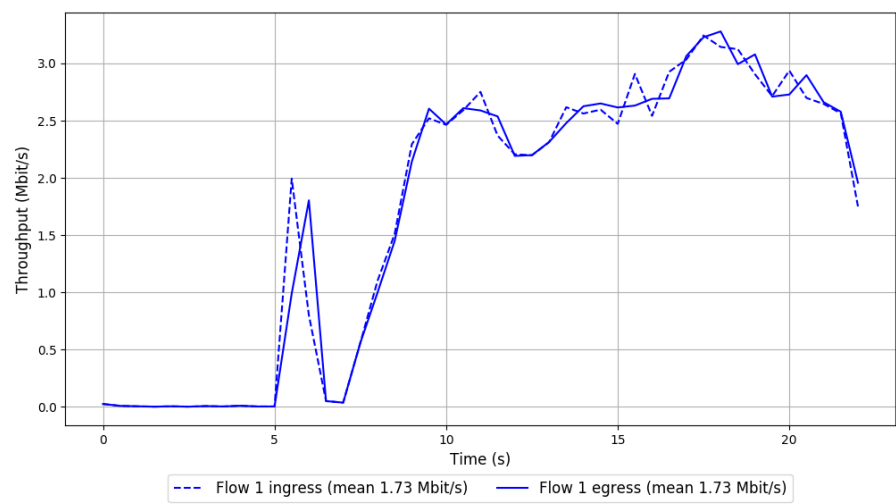
Start at: 2017-09-03 08:30:54

End at: 2017-09-03 08:31:24

Local clock offset: -1.05 ms

Remote clock offset: -2.729 ms

Run 1: Report of WebRTC media — Data Link

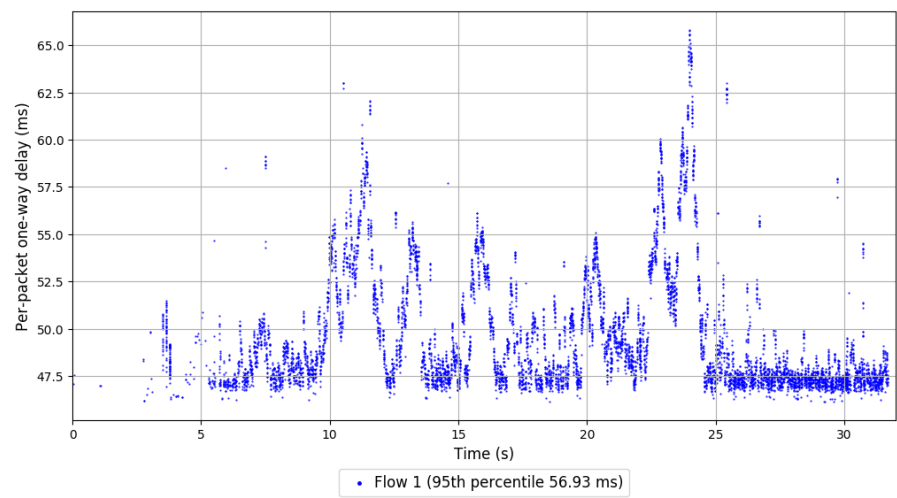
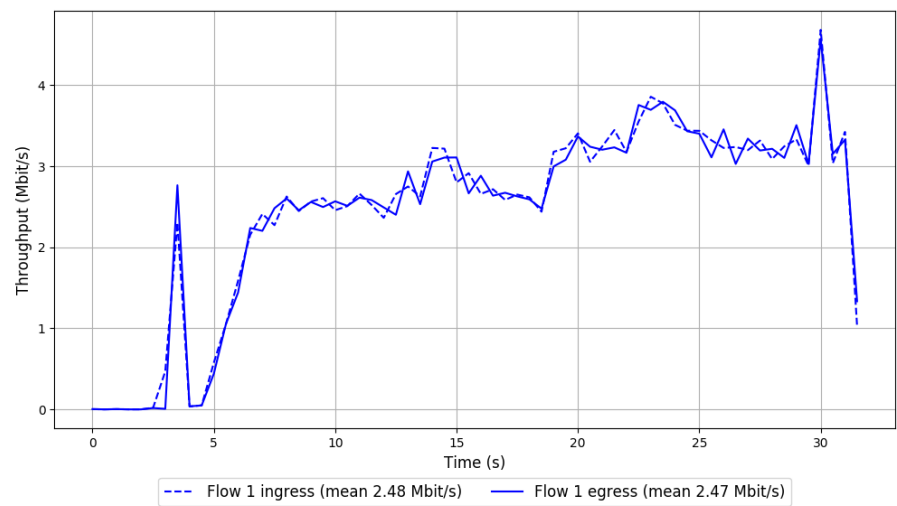


Run 2: Statistics of WebRTC media

Start at: 2017-09-03 08:49:11
End at: 2017-09-03 08:49:41
Local clock offset: -1.087 ms
Remote clock offset: -2.373 ms

Below is generated by plot.py at 2017-09-03 11:48:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.47 Mbit/s
95th percentile per-packet one-way delay: 56.926 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 2.47 Mbit/s
95th percentile per-packet one-way delay: 56.926 ms
Loss rate: 0.16%

Run 2: Report of WebRTC media — Data Link

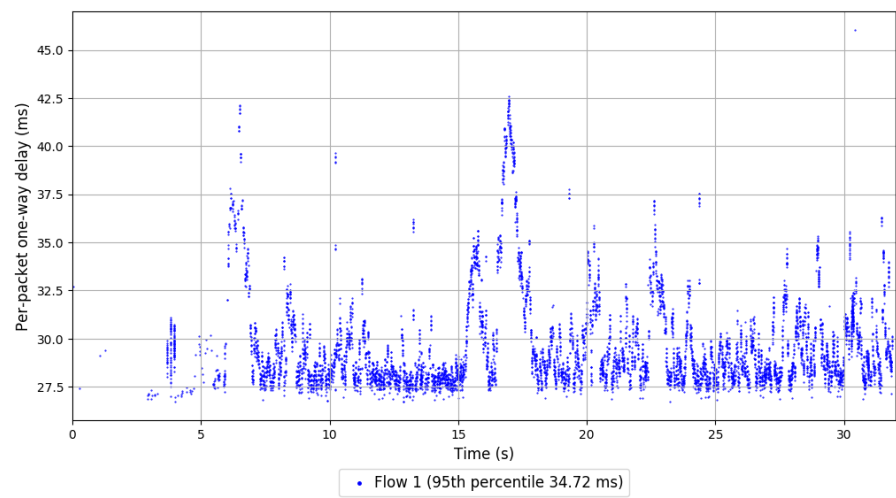
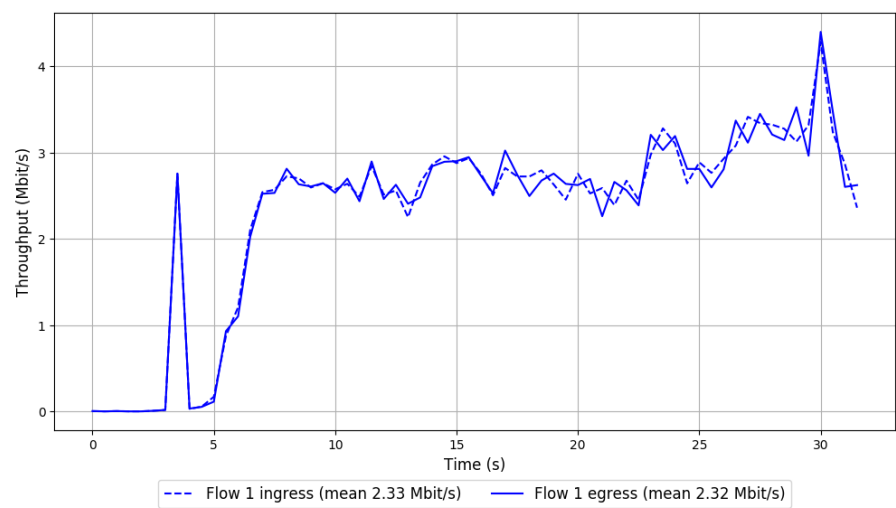


Run 3: Statistics of WebRTC media

Start at: 2017-09-03 09:07:21
End at: 2017-09-03 09:07:51
Local clock offset: 18.026 ms
Remote clock offset: -2.091 ms

Below is generated by plot.py at 2017-09-03 11:48:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 34.721 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 34.721 ms
Loss rate: 0.09%

Run 3: Report of WebRTC media — Data Link

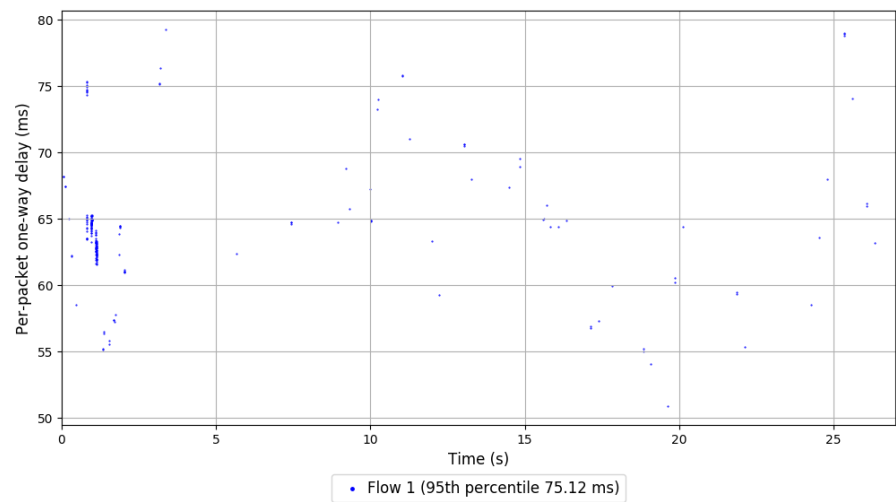
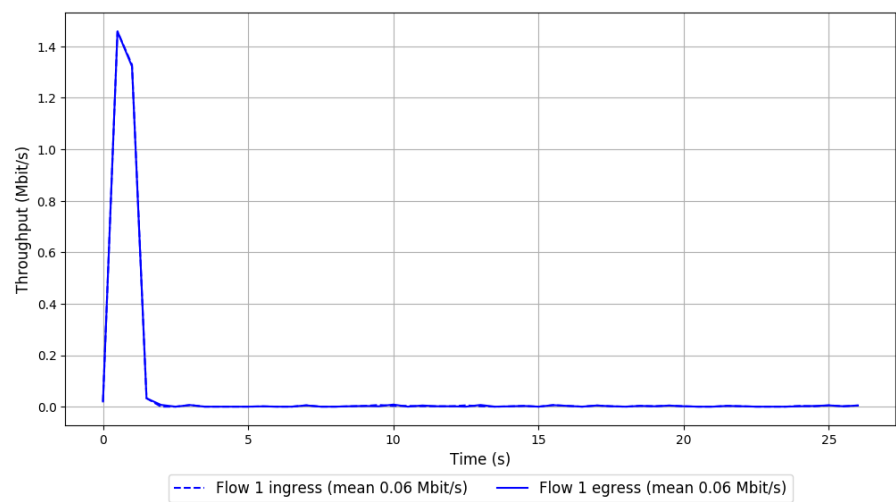


Run 4: Statistics of WebRTC media

Start at: 2017-09-03 09:25:33
End at: 2017-09-03 09:26:03
Local clock offset: -2.508 ms
Remote clock offset: -2.045 ms

Below is generated by plot.py at 2017-09-03 11:48:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 75.116 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 75.116 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

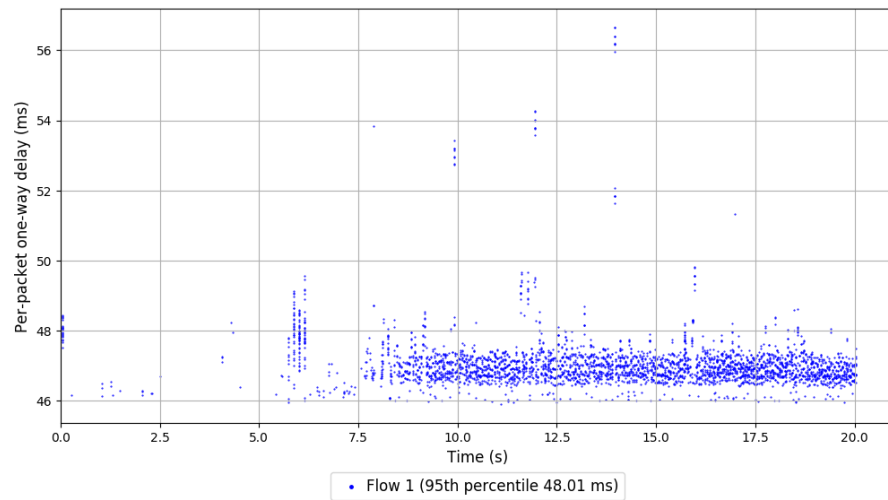
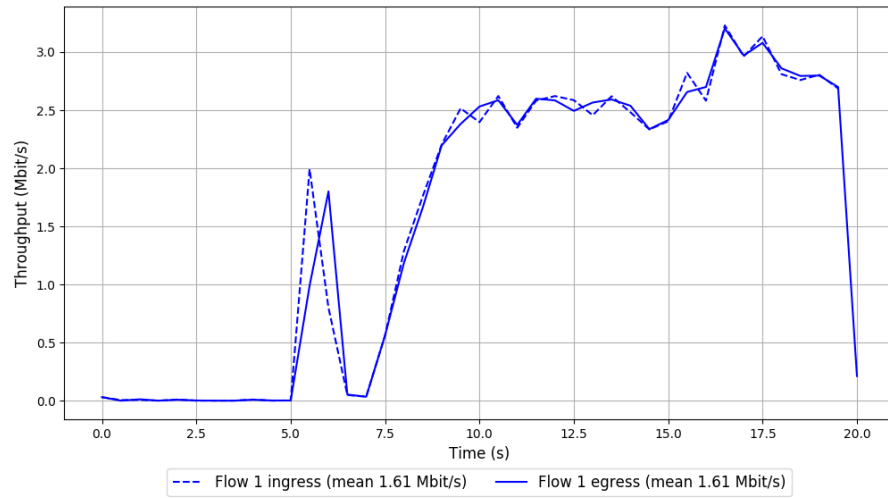
Start at: 2017-09-03 09:43:44

End at: 2017-09-03 09:44:14

Local clock offset: -1.265 ms

Remote clock offset: -2.157 ms

Run 5: Report of WebRTC media — Data Link

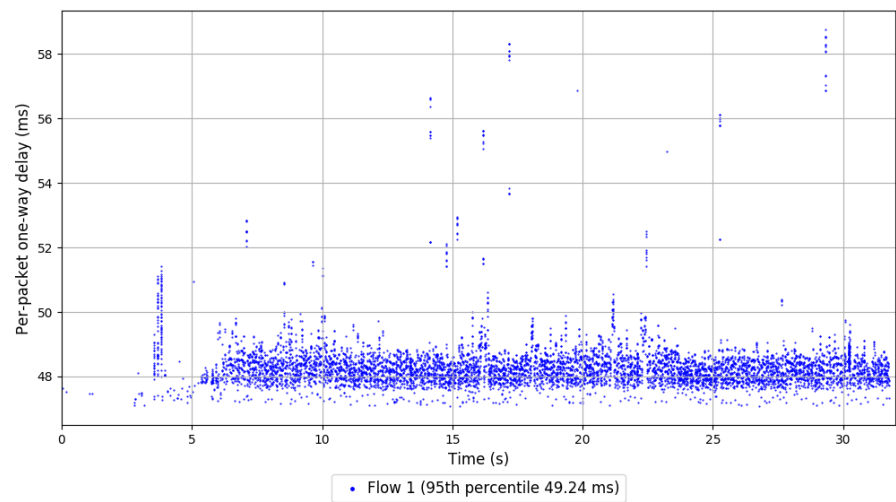
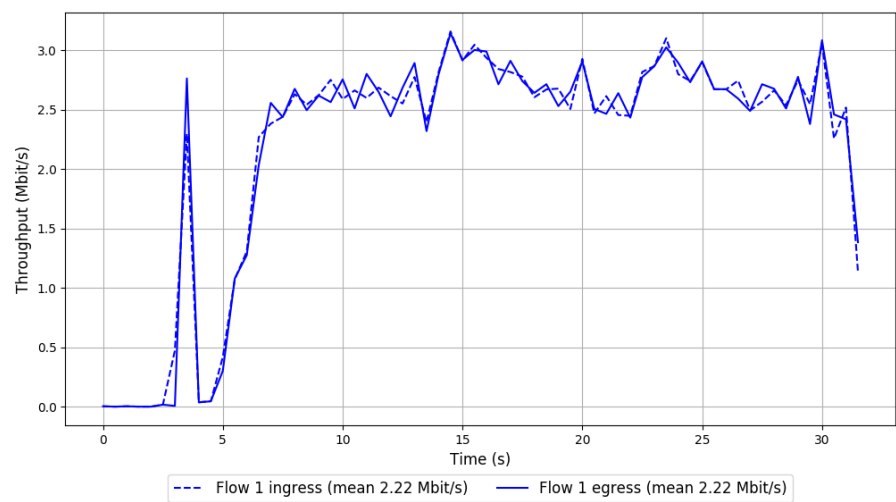


Run 6: Statistics of WebRTC media

Start at: 2017-09-03 10:02:04
End at: 2017-09-03 10:02:34
Local clock offset: -3.081 ms
Remote clock offset: -2.211 ms

Below is generated by plot.py at 2017-09-03 11:48:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.22 Mbit/s
95th percentile per-packet one-way delay: 49.245 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.22 Mbit/s
95th percentile per-packet one-way delay: 49.245 ms
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

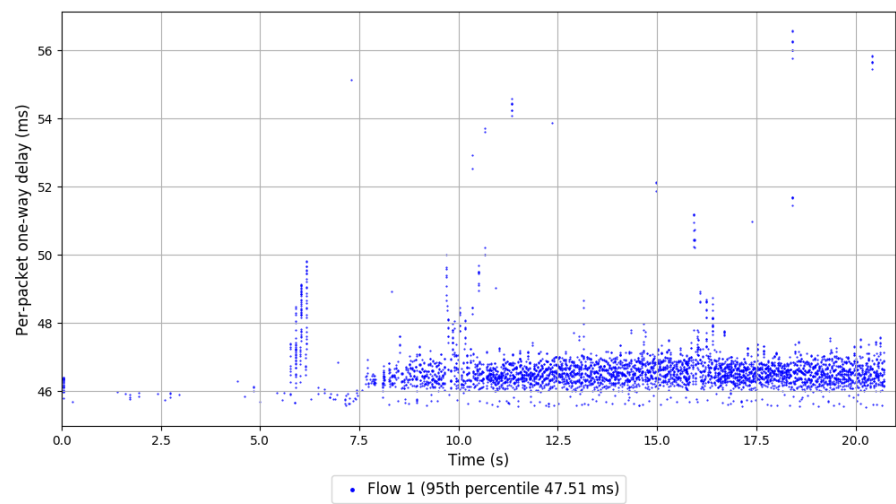
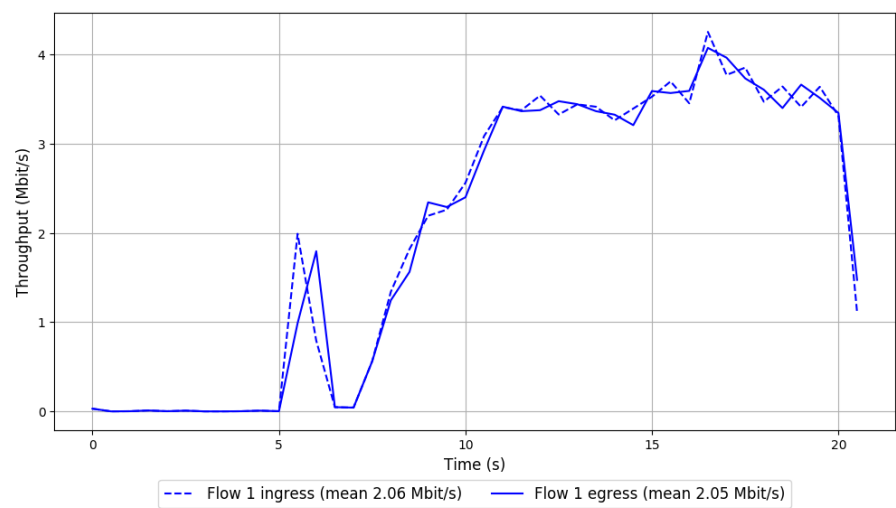
Start at: 2017-09-03 10:20:20

End at: 2017-09-03 10:20:50

Local clock offset: -1.716 ms

Remote clock offset: -2.496 ms

Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

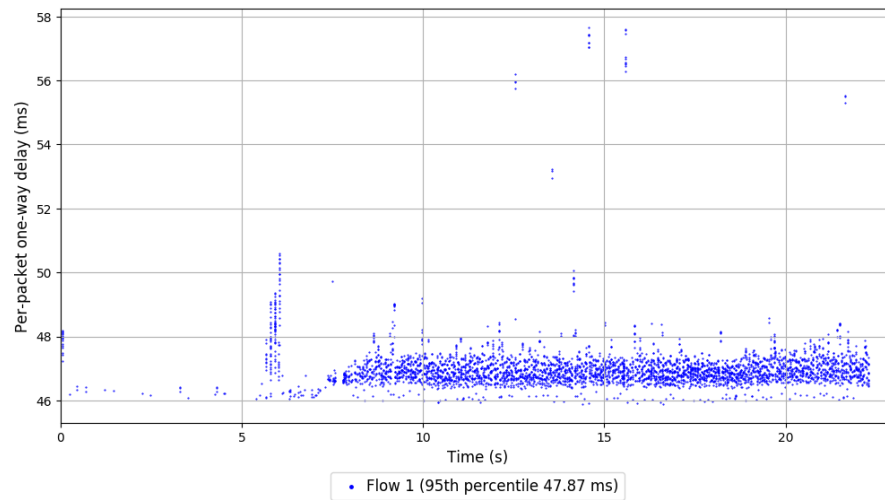
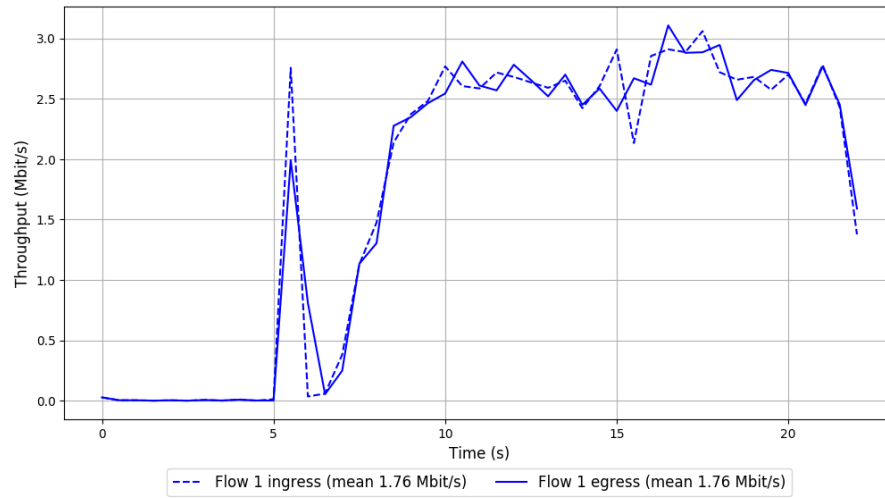
Start at: 2017-09-03 10:38:33

End at: 2017-09-03 10:39:03

Local clock offset: -1.782 ms

Remote clock offset: -2.319 ms

Run 8: Report of WebRTC media — Data Link

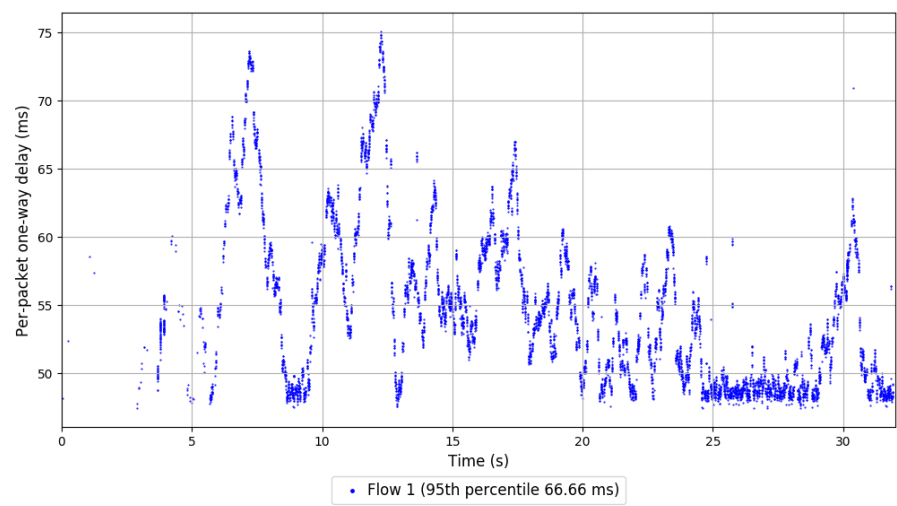
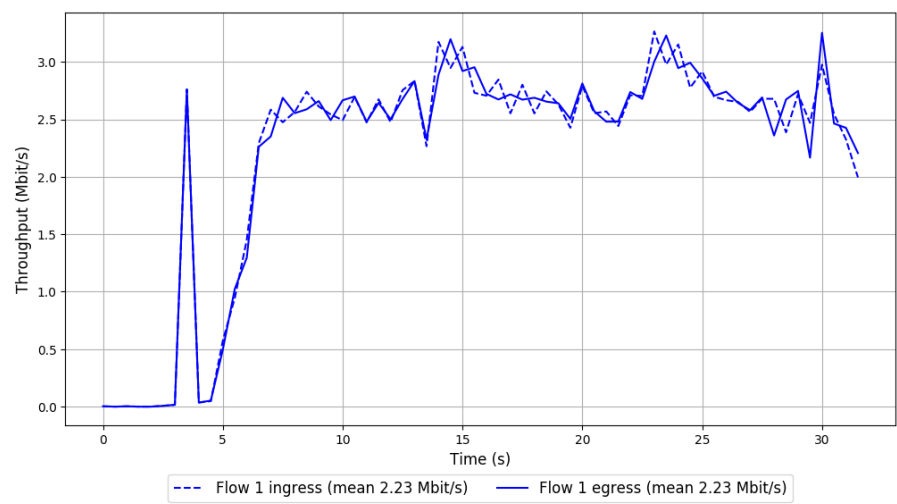


Run 9: Statistics of WebRTC media

Start at: 2017-09-03 10:56:47
End at: 2017-09-03 10:57:17
Local clock offset: -3.066 ms
Remote clock offset: -2.288 ms

Below is generated by plot.py at 2017-09-03 11:48:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.23 Mbit/s
95th percentile per-packet one-way delay: 66.658 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.23 Mbit/s
95th percentile per-packet one-way delay: 66.658 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2017-09-03 11:15:04

End at: 2017-09-03 11:15:34

Local clock offset: -1.43 ms

Remote clock offset: -2.378 ms

Below is generated by plot.py at 2017-09-03 11:48:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.48 Mbit/s

95th percentile per-packet one-way delay: 47.698 ms

Loss rate: 0.05%

-- Flow 1:

Average throughput: 2.48 Mbit/s

95th percentile per-packet one-way delay: 47.698 ms

Loss rate: 0.05%

Run 10: Report of WebRTC media — Data Link

