

Pantheon Report

Generated at 2017-09-03 09:54:06 (UTC).

Data path: Stanford Ethernet (*remote*) → AWS California 1 Ethernet (*local*).

Repeated the test of 15 congestion control schemes 10 times.

Each test lasted for 30 seconds running 1 flow.

Increased UDP receive buffer to 16 MB (default) and 32 MB (max).

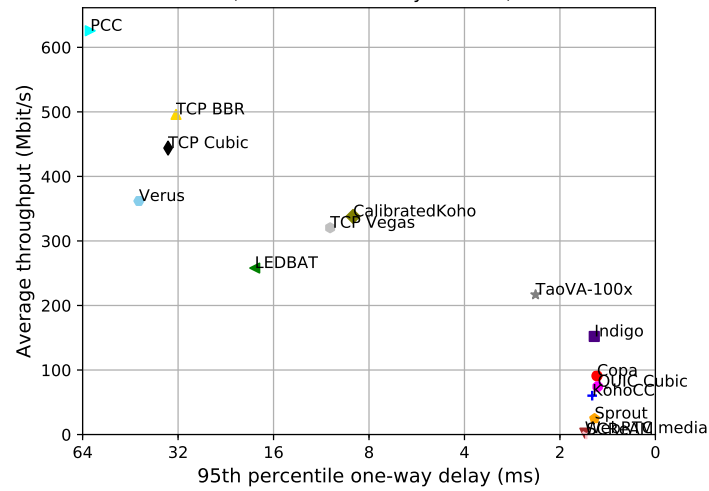
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

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

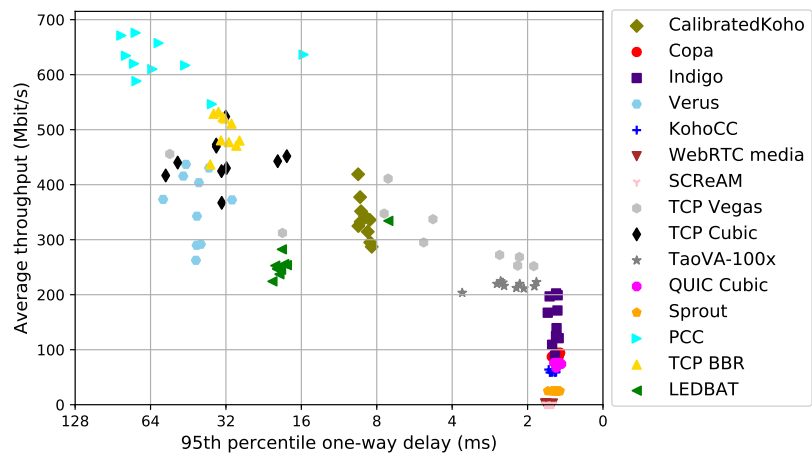
Git summary:

```
branch: master @ 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
  M scripts/merge-tunnel-logs
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 Stanford Ethernet to AWS California 1 Ethernet, 10 runs of 30s each per scheme
(mean of all runs by scheme)



test from Stanford Ethernet to AWS California 1 Ethernet, 10 runs of 30s each per scheme



scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	496.13	32.48	0.15
CalibratedKoho	10	338.02	8.98	0.08
Copa	10	90.95	1.22	0.07
TCP Cubic	10	443.90	34.41	0.09
Indigo	10	152.02	1.28	0.04
KohoCC	9	60.27	1.32	0.07
LEDBAT	10	258.00	18.34	0.11
PCC	10	625.71	60.55	6.84
QUIC Cubic	10	74.29	1.21	0.08
SCReAM	10	0.22	1.45	0.05
Sprout	10	24.81	1.28	0.04
TaoVA-100x	10	216.72	2.39	0.08
TCP Vegas	10	320.41	10.61	0.07
Verus	10	361.92	42.54	0.64
WebRTC media	5	2.20	1.48	0.01

Run 1: Statistics of TCP BBR

Start at: 2017-09-03 01:04:42

End at: 2017-09-03 01:05:12

Local clock offset: 2.295 ms

Remote clock offset: -3.059 ms

Below is generated by plot.py at 2017-09-03 09:13:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 436.82 Mbit/s

95th percentile per-packet one-way delay: 36.969 ms

Loss rate: 0.19%

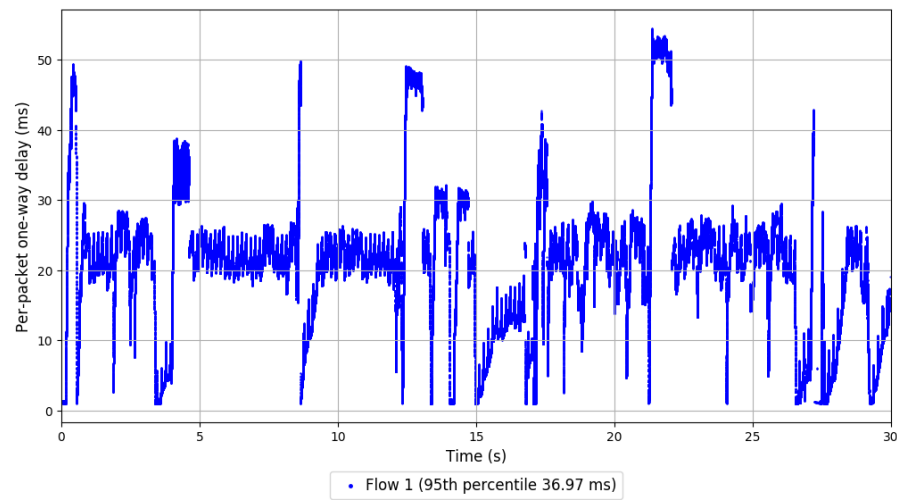
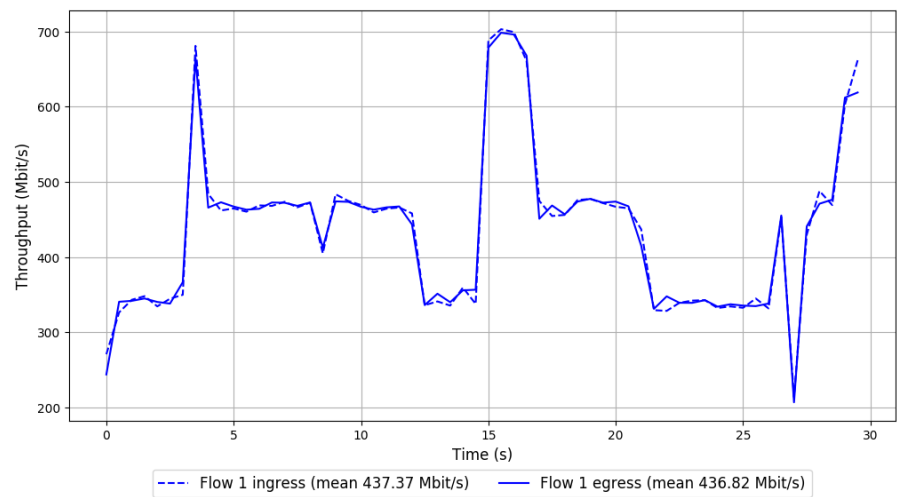
-- Flow 1:

Average throughput: 436.82 Mbit/s

95th percentile per-packet one-way delay: 36.969 ms

Loss rate: 0.19%

Run 1: Report of TCP BBR — Data Link

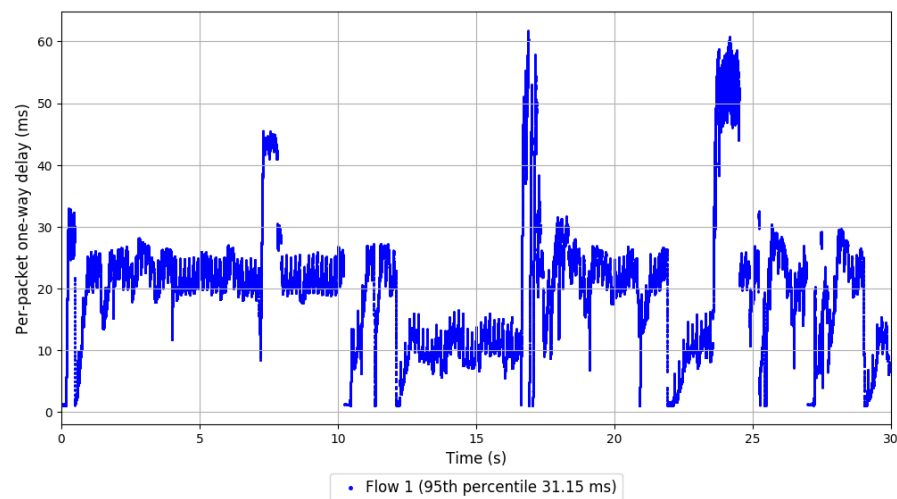
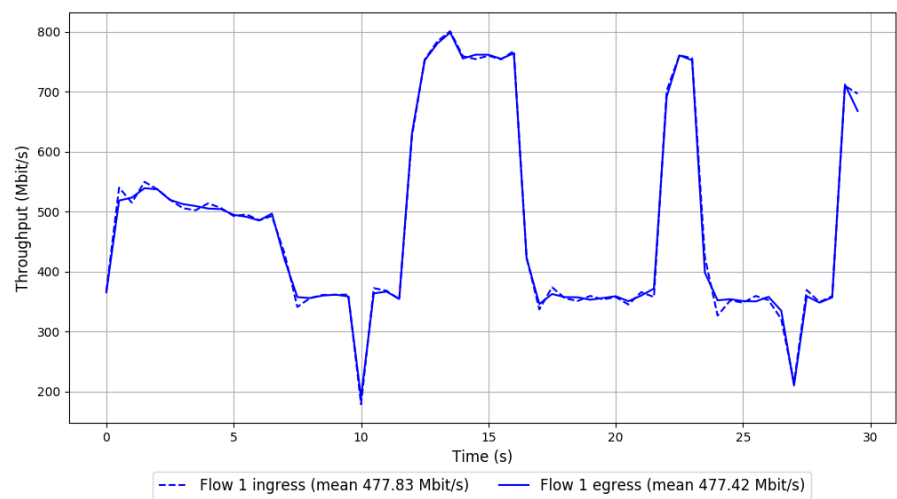


Run 2: Statistics of TCP BBR

Start at: 2017-09-03 01:25:19
End at: 2017-09-03 01:25:49
Local clock offset: 2.058 ms
Remote clock offset: -2.823 ms

Below is generated by plot.py at 2017-09-03 09:13:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 477.42 Mbit/s
95th percentile per-packet one-way delay: 31.150 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 477.42 Mbit/s
95th percentile per-packet one-way delay: 31.150 ms
Loss rate: 0.16%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2017-09-03 01:46:03

End at: 2017-09-03 01:46:33

Local clock offset: 1.904 ms

Remote clock offset: -2.502 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 532.26 Mbit/s

95th percentile per-packet one-way delay: 34.276 ms

Loss rate: 0.13%

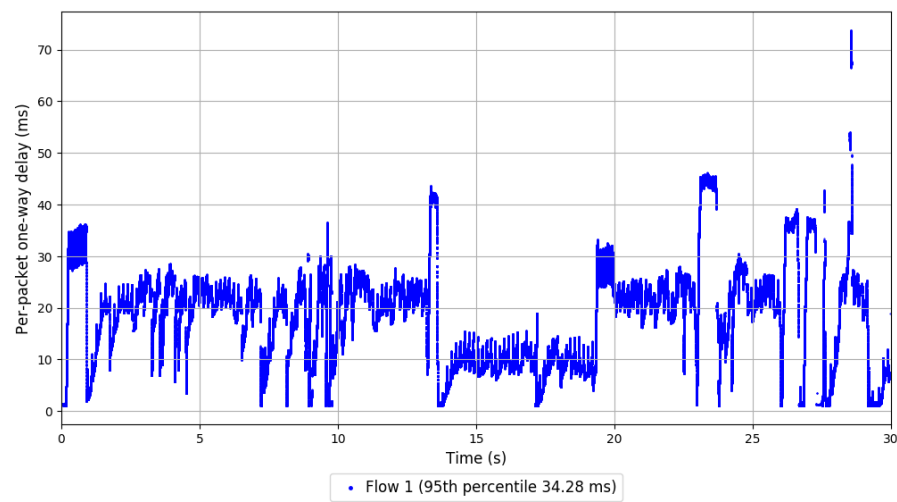
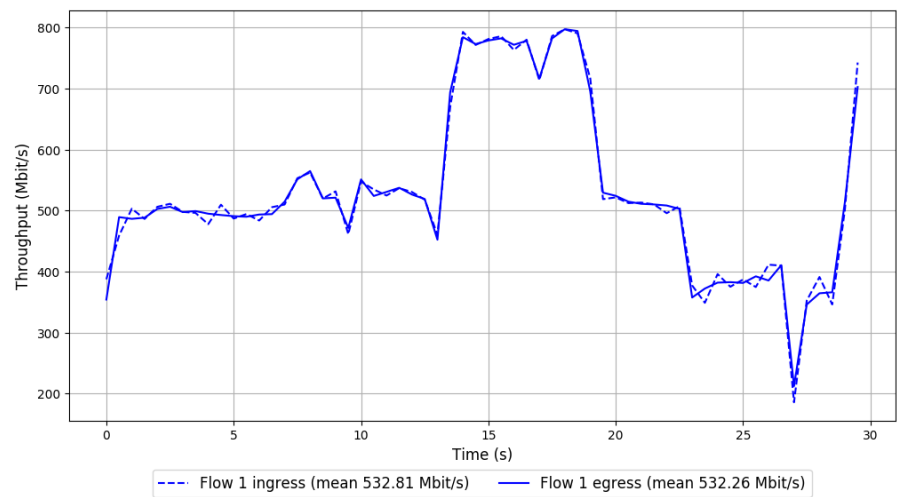
-- Flow 1:

Average throughput: 532.26 Mbit/s

95th percentile per-packet one-way delay: 34.276 ms

Loss rate: 0.13%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2017-09-03 02:06:48

End at: 2017-09-03 02:07:18

Local clock offset: 1.466 ms

Remote clock offset: -2.132 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 510.95 Mbit/s

95th percentile per-packet one-way delay: 30.415 ms

Loss rate: 0.15%

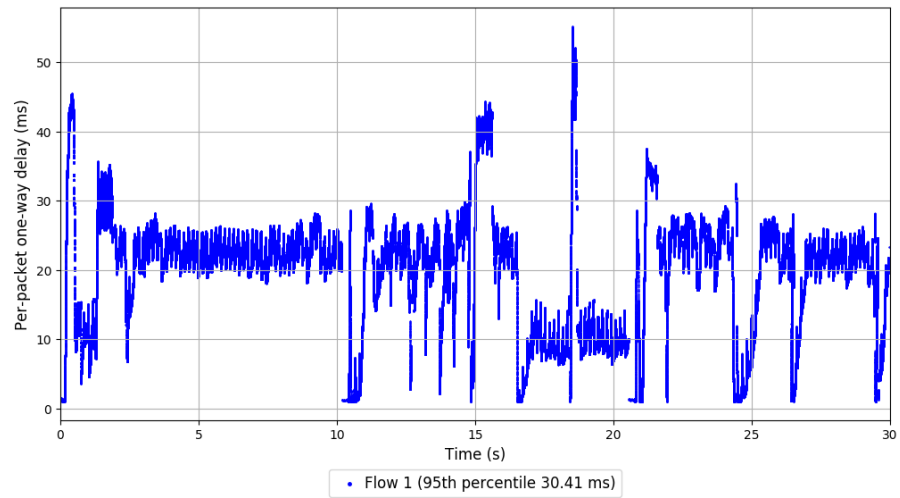
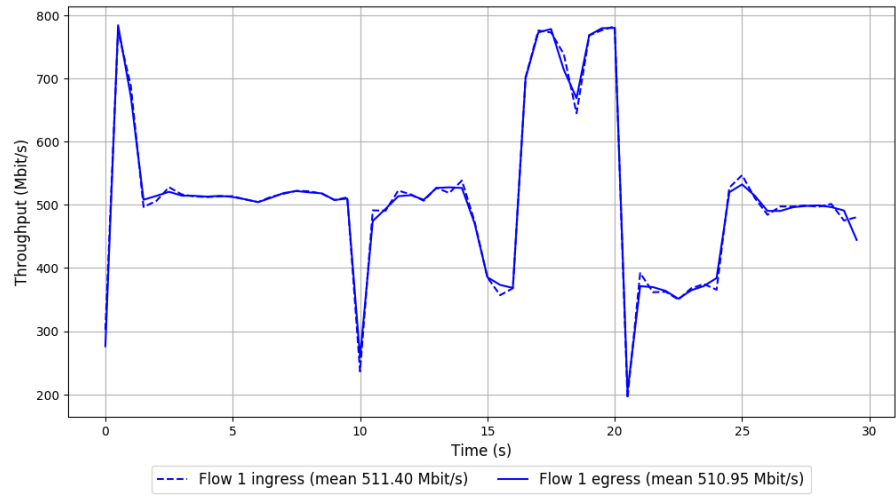
-- Flow 1:

Average throughput: 510.95 Mbit/s

95th percentile per-packet one-way delay: 30.415 ms

Loss rate: 0.15%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2017-09-03 02:27:25

End at: 2017-09-03 02:27:55

Local clock offset: 0.878 ms

Remote clock offset: -1.915 ms

Below is generated by plot.py at 2017-09-03 09:15:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 470.97 Mbit/s

95th percentile per-packet one-way delay: 29.094 ms

Loss rate: 0.15%

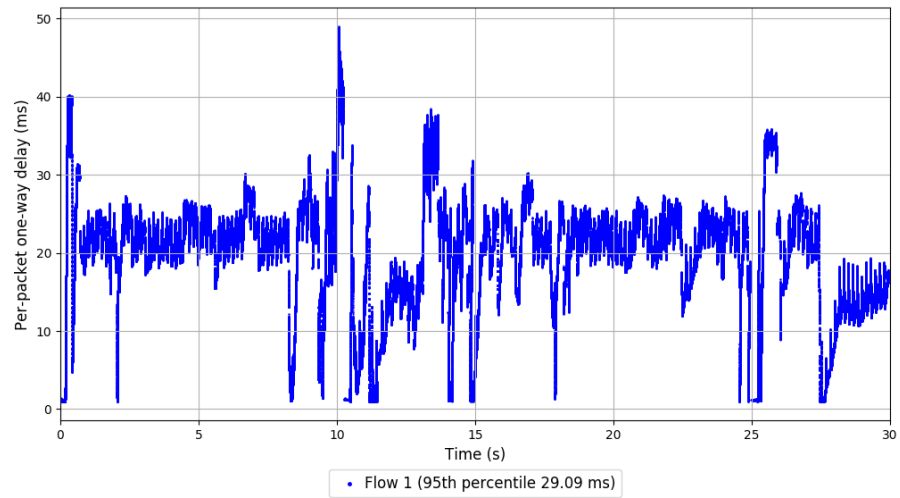
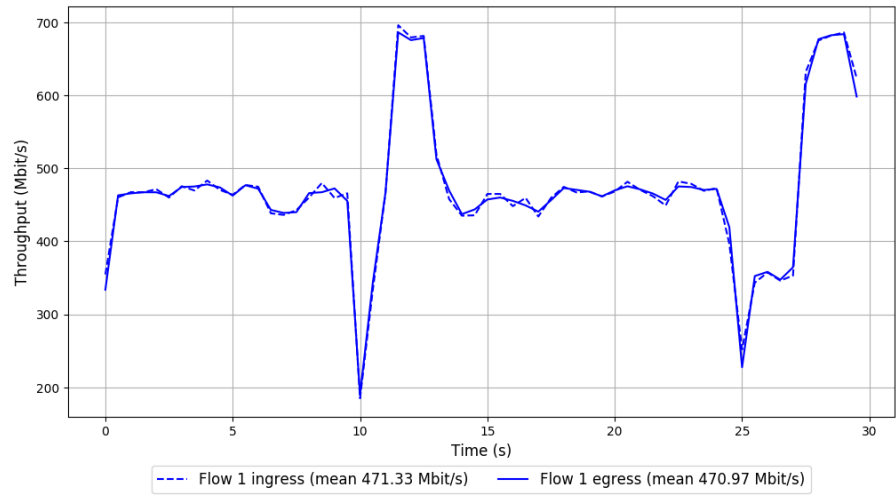
-- Flow 1:

Average throughput: 470.97 Mbit/s

95th percentile per-packet one-way delay: 29.094 ms

Loss rate: 0.15%

Run 5: Report of TCP BBR — Data Link

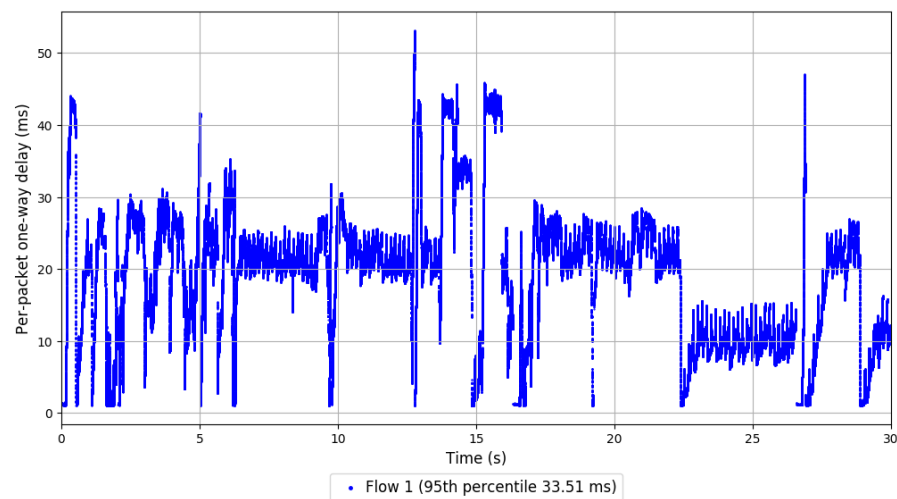
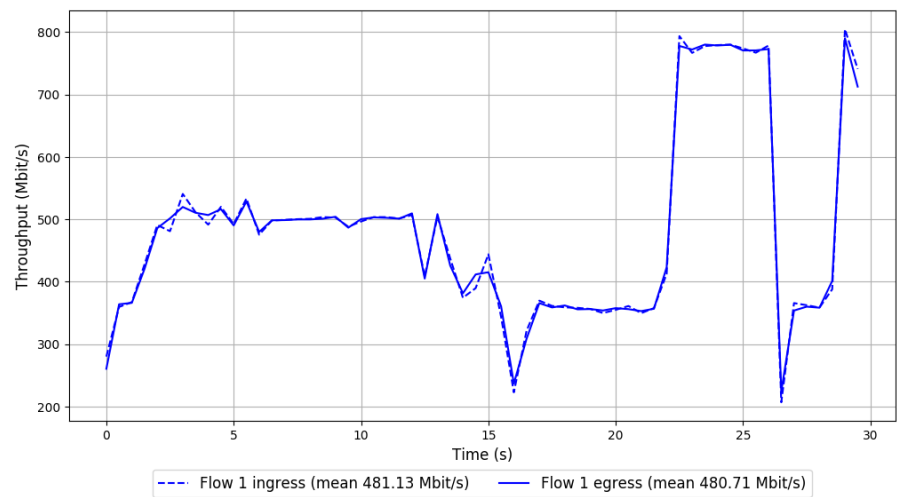


Run 6: Statistics of TCP BBR

Start at: 2017-09-03 02:48:11
End at: 2017-09-03 02:48:41
Local clock offset: 0.502 ms
Remote clock offset: -1.415 ms

Below is generated by plot.py at 2017-09-03 09:16:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 480.71 Mbit/s
95th percentile per-packet one-way delay: 33.514 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 480.71 Mbit/s
95th percentile per-packet one-way delay: 33.514 ms
Loss rate: 0.16%

Run 6: Report of TCP BBR — Data Link

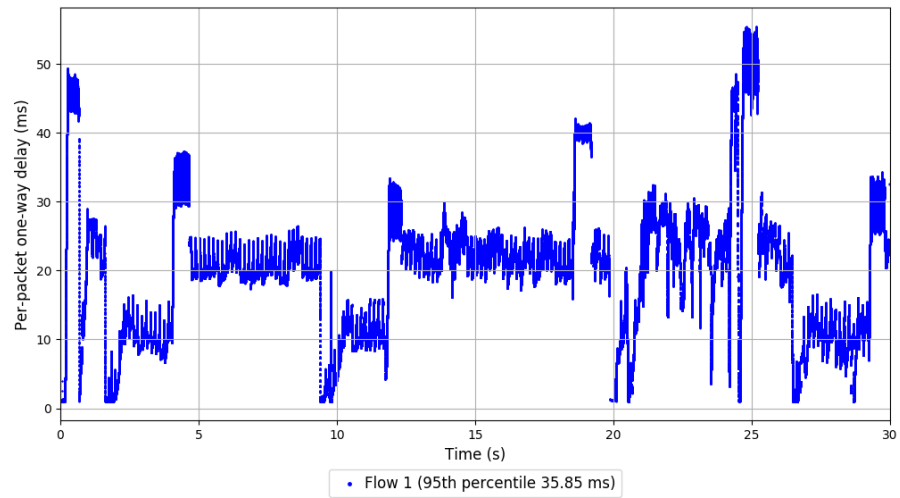
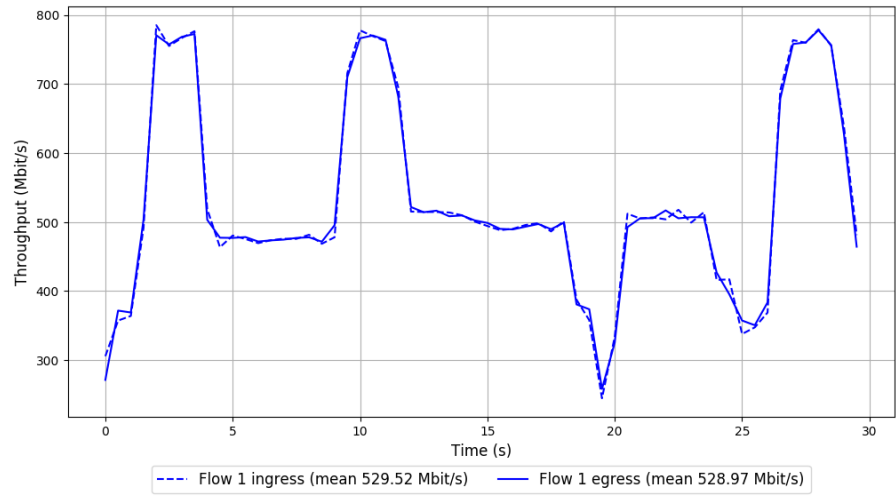


Run 7: Statistics of TCP BBR

Start at: 2017-09-03 03:08:39
End at: 2017-09-03 03:09:10
Local clock offset: 0.111 ms
Remote clock offset: -1.077 ms

Below is generated by plot.py at 2017-09-03 09:17:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 528.97 Mbit/s
95th percentile per-packet one-way delay: 35.846 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 528.97 Mbit/s
95th percentile per-packet one-way delay: 35.846 ms
Loss rate: 0.15%

Run 7: Report of TCP BBR — Data Link

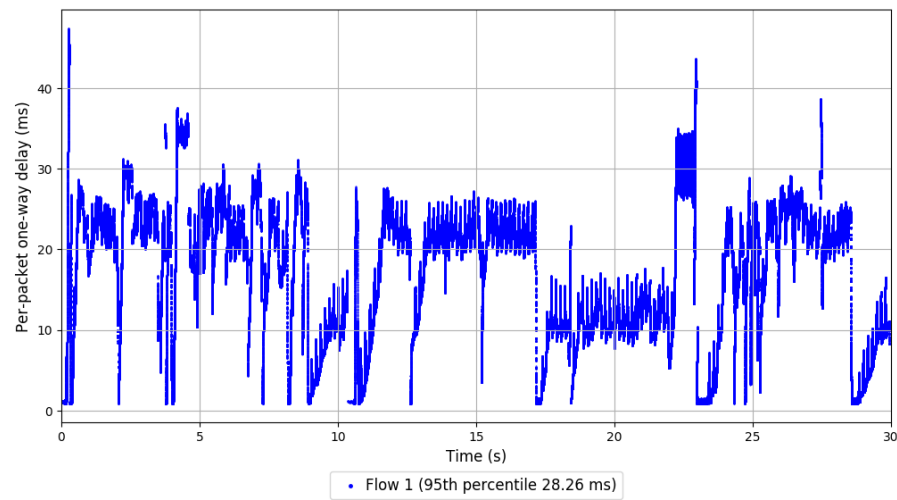
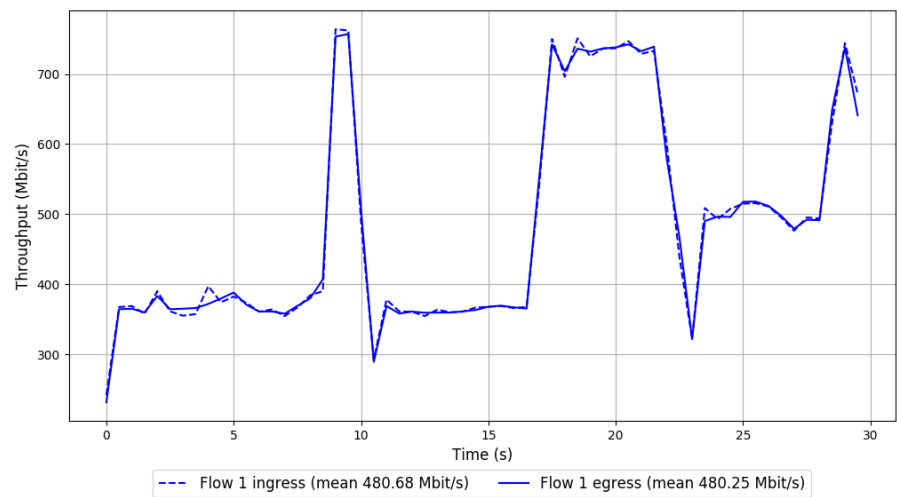


Run 8: Statistics of TCP BBR

Start at: 2017-09-03 03:29:25
End at: 2017-09-03 03:29:55
Local clock offset: -0.177 ms
Remote clock offset: -1.036 ms

Below is generated by plot.py at 2017-09-03 09:17:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 480.25 Mbit/s
95th percentile per-packet one-way delay: 28.261 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 480.25 Mbit/s
95th percentile per-packet one-way delay: 28.261 ms
Loss rate: 0.15%

Run 8: Report of TCP BBR — Data Link

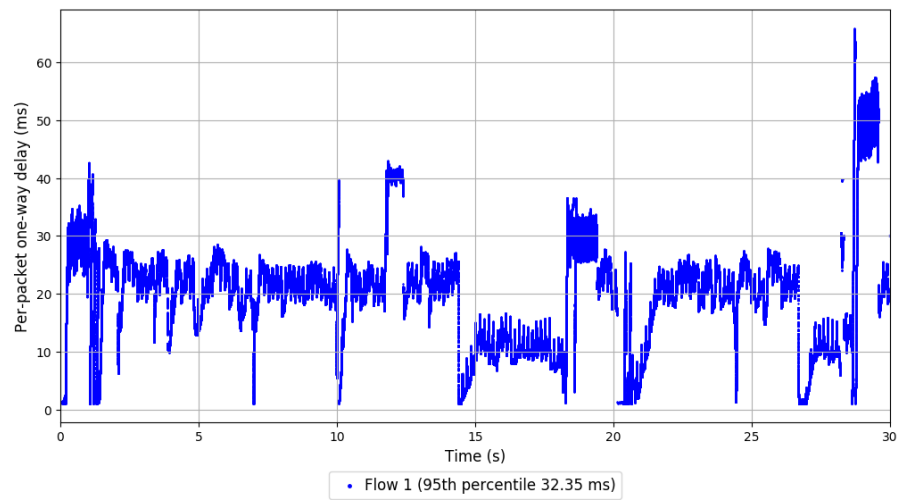
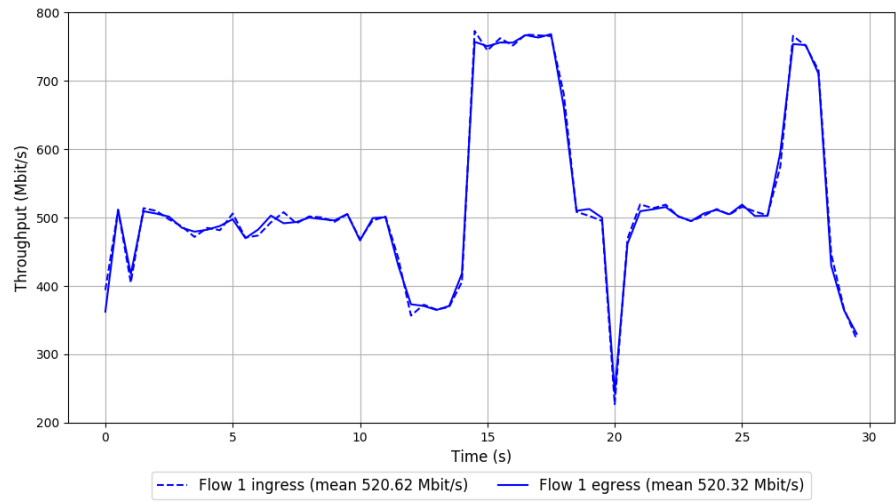


Run 9: Statistics of TCP BBR

Start at: 2017-09-03 03:50:01
End at: 2017-09-03 03:50:31
Local clock offset: -0.431 ms
Remote clock offset: -1.207 ms

Below is generated by plot.py at 2017-09-03 09:18:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 520.32 Mbit/s
95th percentile per-packet one-way delay: 32.347 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 520.32 Mbit/s
95th percentile per-packet one-way delay: 32.347 ms
Loss rate: 0.10%

Run 9: Report of TCP BBR — Data Link

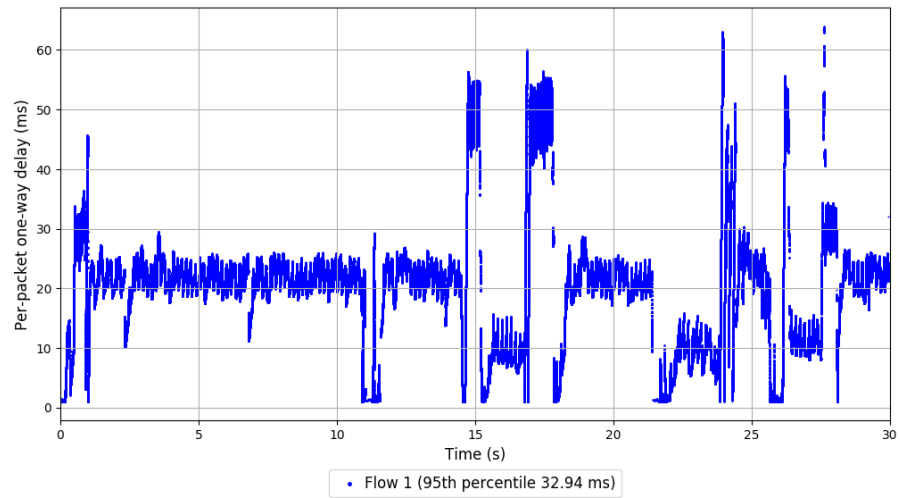
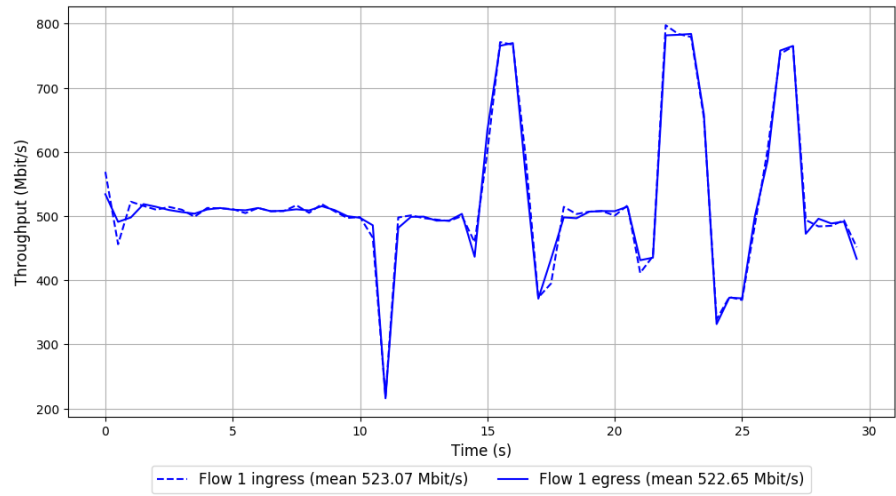


Run 10: Statistics of TCP BBR

Start at: 2017-09-03 04:10:38
End at: 2017-09-03 04:11:08
Local clock offset: -0.533 ms
Remote clock offset: -1.035 ms

Below is generated by plot.py at 2017-09-03 09:18:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 522.65 Mbit/s
95th percentile per-packet one-way delay: 32.944 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 522.65 Mbit/s
95th percentile per-packet one-way delay: 32.944 ms
Loss rate: 0.12%

Run 10: Report of TCP BBR — Data Link

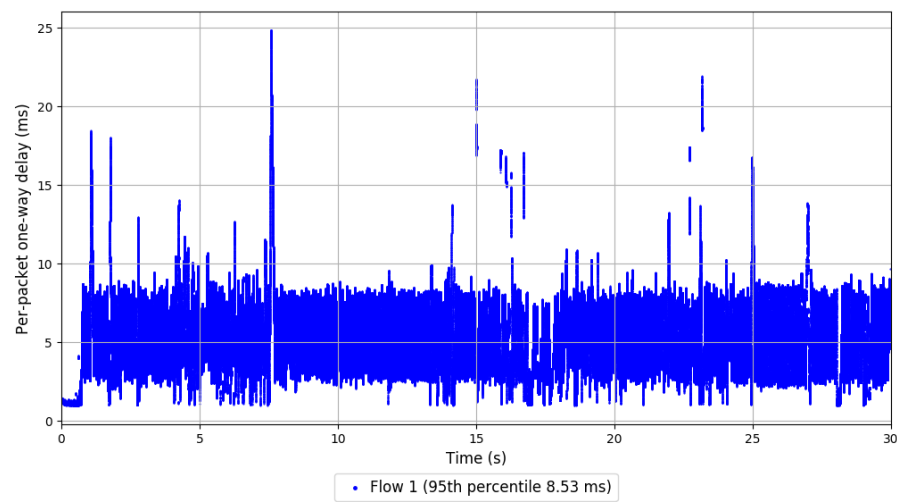
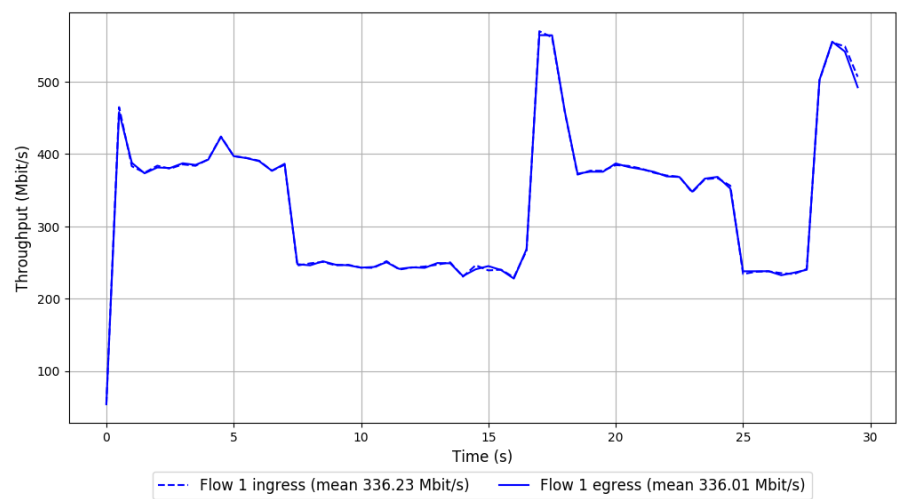


Run 1: Statistics of CalibratedKoho

Start at: 2017-09-03 01:12:56
End at: 2017-09-03 01:13:26
Local clock offset: 2.166 ms
Remote clock offset: -2.871 ms

Below is generated by plot.py at 2017-09-03 09:19:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 336.01 Mbit/s
95th percentile per-packet one-way delay: 8.528 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 336.01 Mbit/s
95th percentile per-packet one-way delay: 8.528 ms
Loss rate: 0.12%

Run 1: Report of CalibratedKoho — Data Link

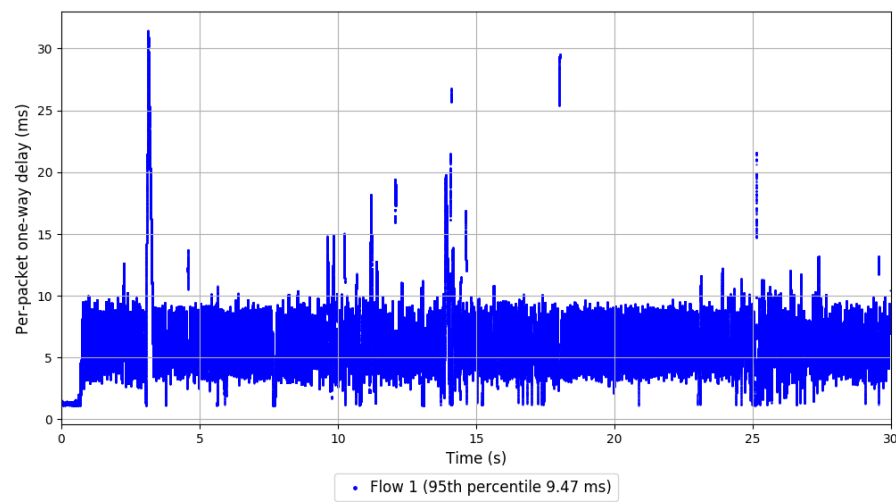
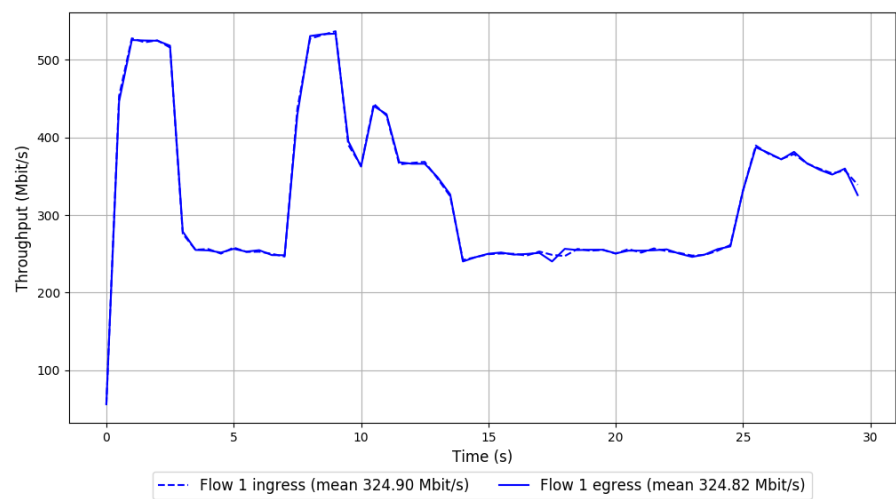


Run 2: Statistics of CalibratedKoho

Start at: 2017-09-03 01:33:36
End at: 2017-09-03 01:34:06
Local clock offset: 2.066 ms
Remote clock offset: -2.721 ms

Below is generated by plot.py at 2017-09-03 09:19:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 324.82 Mbit/s
95th percentile per-packet one-way delay: 9.474 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 324.82 Mbit/s
95th percentile per-packet one-way delay: 9.474 ms
Loss rate: 0.08%

Run 2: Report of CalibratedKoho — Data Link

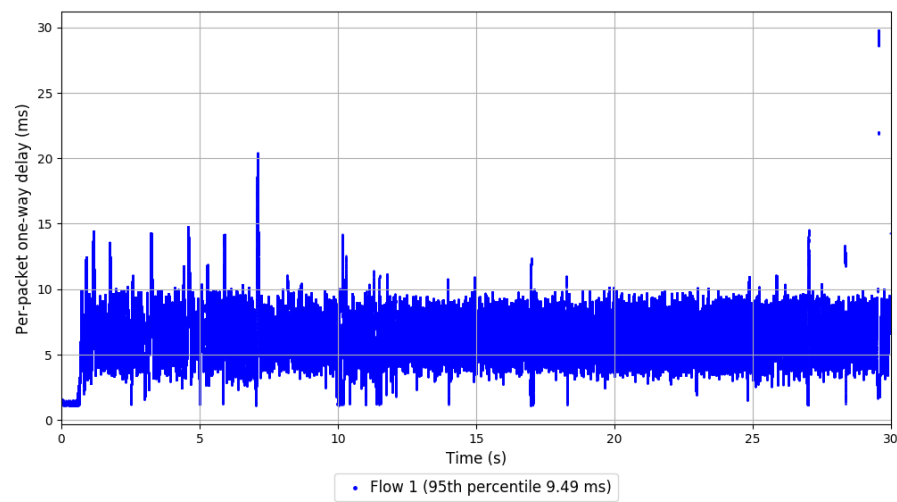
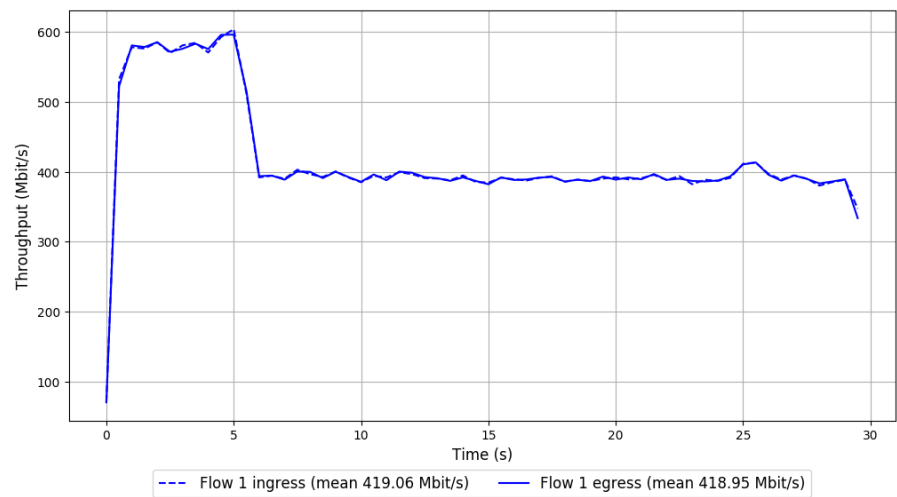


Run 3: Statistics of CalibratedKoho

Start at: 2017-09-03 01:54:22
End at: 2017-09-03 01:54:52
Local clock offset: 1.739 ms
Remote clock offset: -2.311 ms

Below is generated by plot.py at 2017-09-03 09:19:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 418.95 Mbit/s
95th percentile per-packet one-way delay: 9.492 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 418.95 Mbit/s
95th percentile per-packet one-way delay: 9.492 ms
Loss rate: 0.06%

Run 3: Report of CalibratedKoho — Data Link

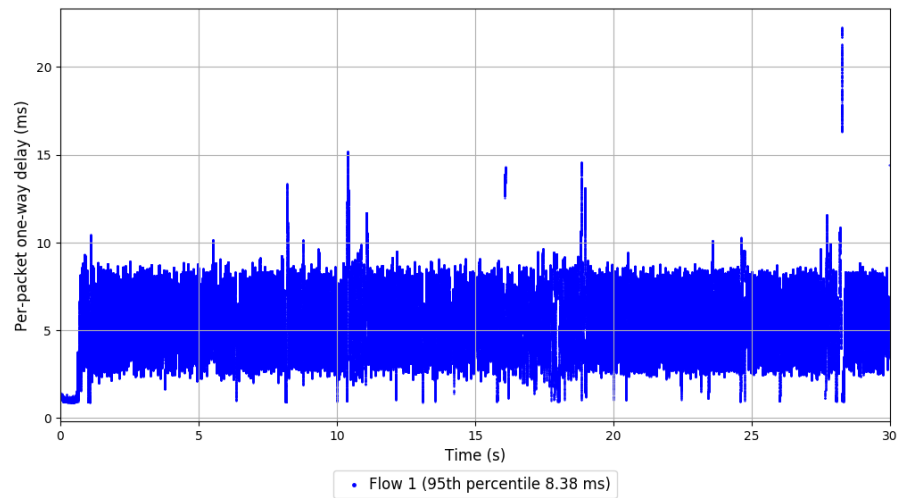
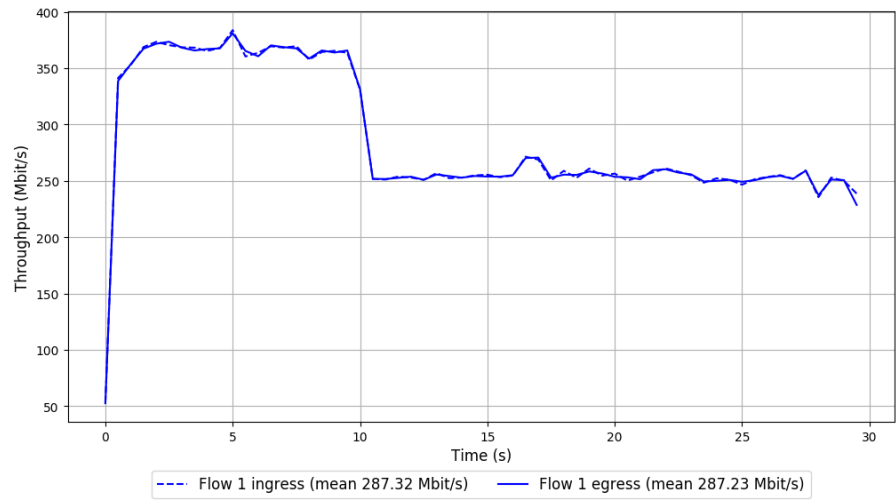


Run 4: Statistics of CalibratedKoho

Start at: 2017-09-03 02:15:11
End at: 2017-09-03 02:15:41
Local clock offset: 1.17 ms
Remote clock offset: -1.963 ms

Below is generated by plot.py at 2017-09-03 09:19:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 287.23 Mbit/s
95th percentile per-packet one-way delay: 8.378 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 287.23 Mbit/s
95th percentile per-packet one-way delay: 8.378 ms
Loss rate: 0.08%

Run 4: Report of CalibratedKoho — Data Link



Run 5: Statistics of CalibratedKoho

Start at: 2017-09-03 02:35:48

End at: 2017-09-03 02:36:18

Local clock offset: 0.794 ms

Remote clock offset: -1.46 ms

Below is generated by plot.py at 2017-09-03 09:20:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 314.49 Mbit/s

95th percentile per-packet one-way delay: 8.692 ms

Loss rate: 0.07%

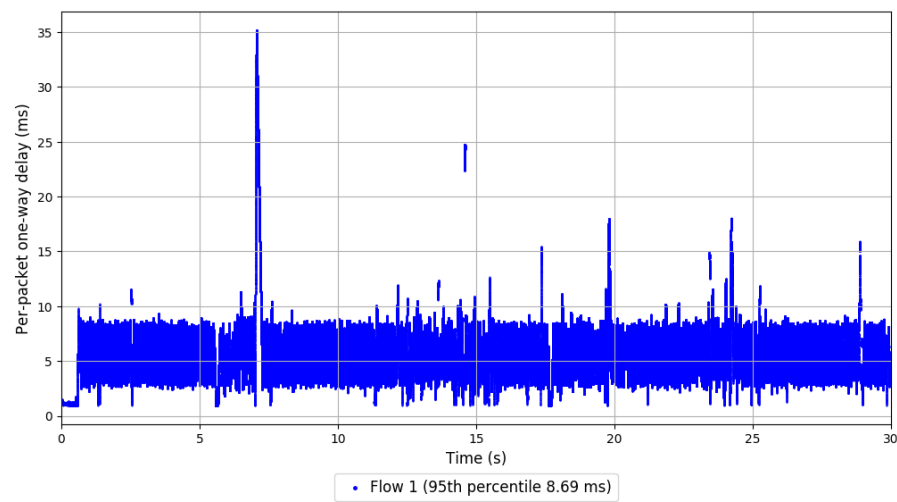
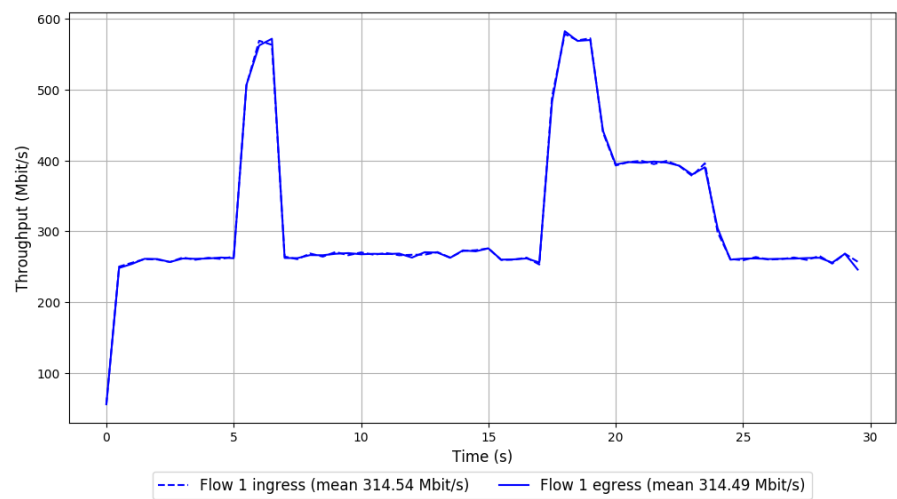
-- Flow 1:

Average throughput: 314.49 Mbit/s

95th percentile per-packet one-way delay: 8.692 ms

Loss rate: 0.07%

Run 5: Report of CalibratedKoho — Data Link

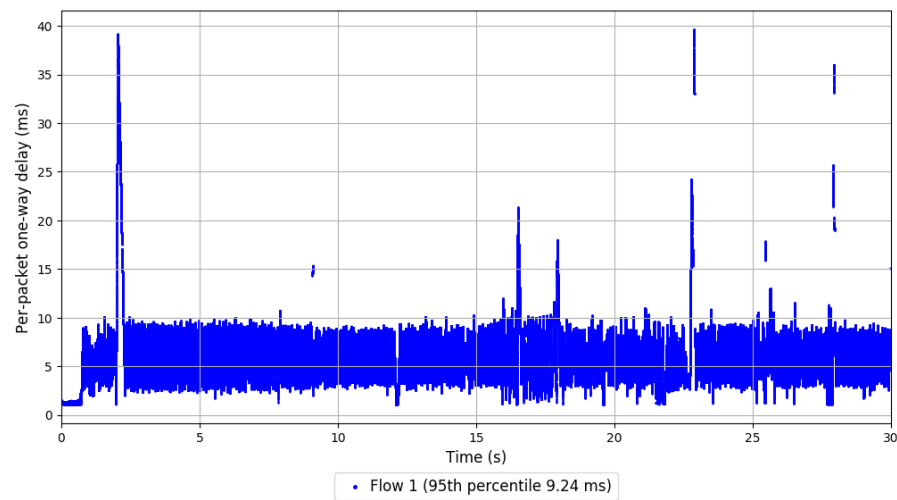
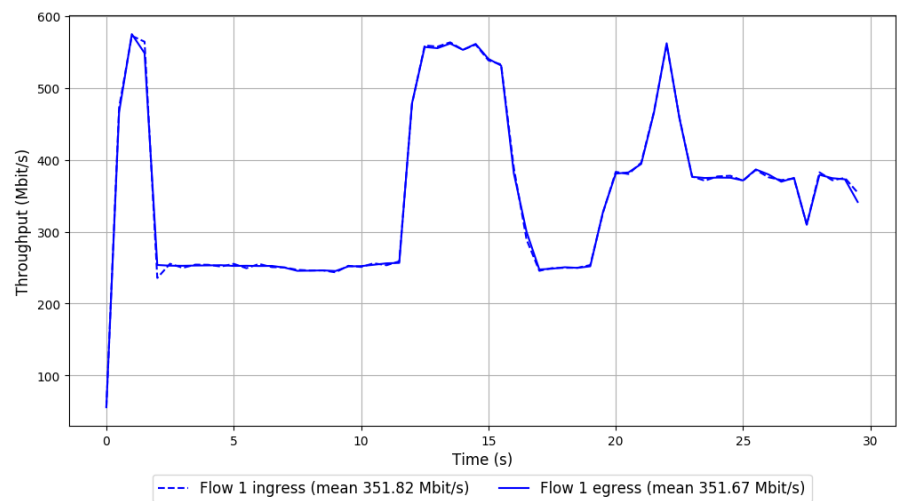


Run 6: Statistics of CalibratedKoho

Start at: 2017-09-03 02:56:21
End at: 2017-09-03 02:56:51
Local clock offset: 0.332 ms
Remote clock offset: -1.253 ms

Below is generated by plot.py at 2017-09-03 09:20:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 351.67 Mbit/s
95th percentile per-packet one-way delay: 9.243 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 351.67 Mbit/s
95th percentile per-packet one-way delay: 9.243 ms
Loss rate: 0.09%

Run 6: Report of CalibratedKoho — Data Link

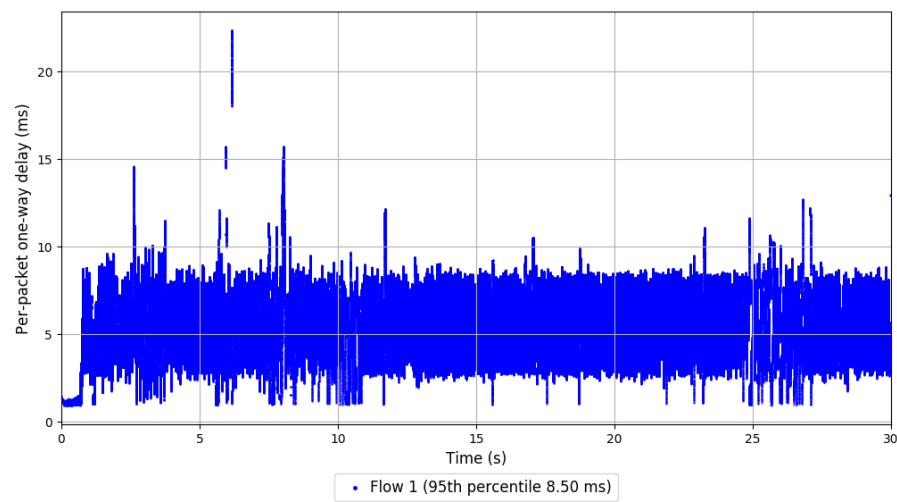
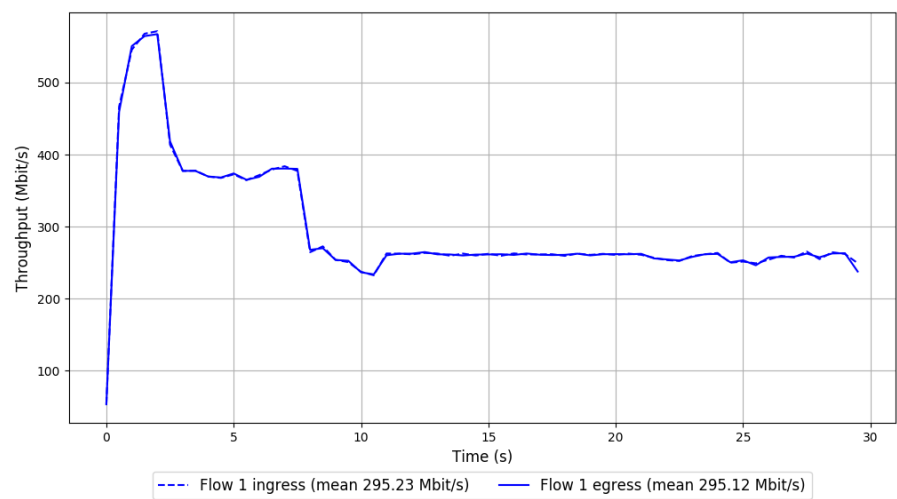


Run 7: Statistics of CalibratedKoho

Start at: 2017-09-03 03:17:03
End at: 2017-09-03 03:17:33
Local clock offset: 0.005 ms
Remote clock offset: -1.157 ms

Below is generated by plot.py at 2017-09-03 09:20:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 295.12 Mbit/s
95th percentile per-packet one-way delay: 8.499 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 295.12 Mbit/s
95th percentile per-packet one-way delay: 8.499 ms
Loss rate: 0.08%

Run 7: Report of CalibratedKoho — Data Link

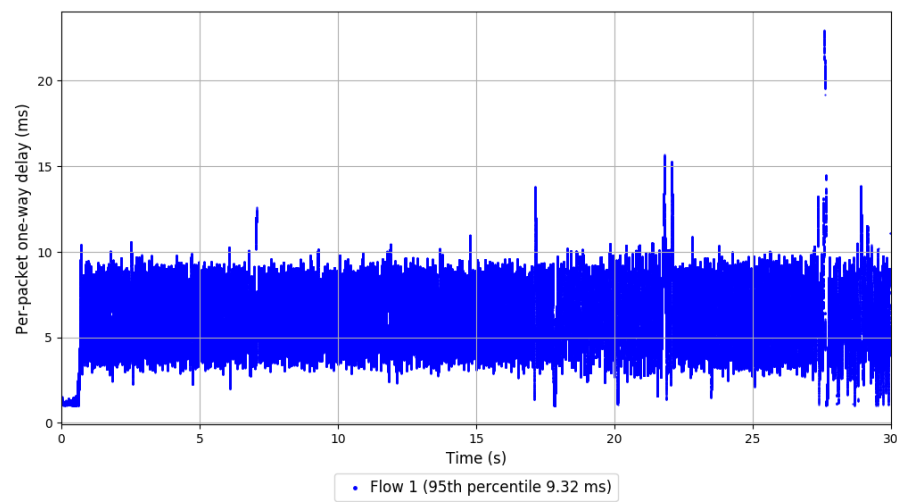
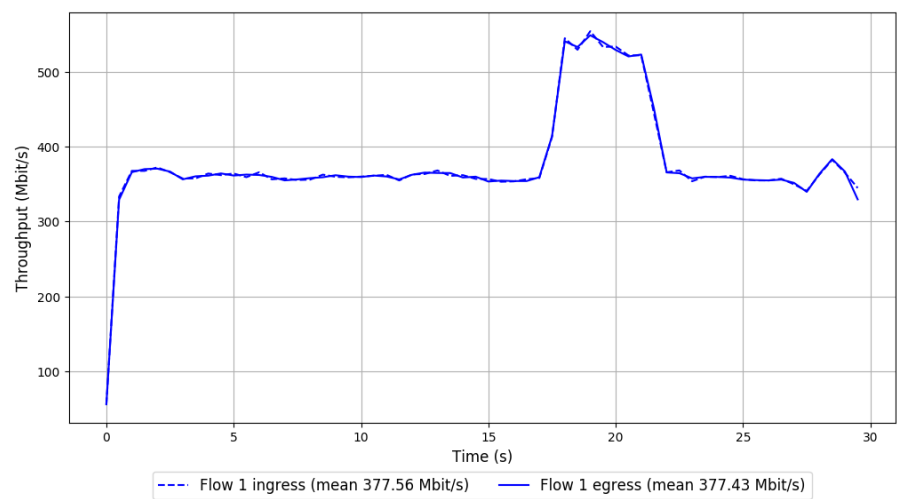


Run 8: Statistics of CalibratedKoho

Start at: 2017-09-03 03:37:33
End at: 2017-09-03 03:38:03
Local clock offset: -0.277 ms
Remote clock offset: -1.193 ms

Below is generated by plot.py at 2017-09-03 09:21:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 377.43 Mbit/s
95th percentile per-packet one-way delay: 9.322 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 377.43 Mbit/s
95th percentile per-packet one-way delay: 9.322 ms
Loss rate: 0.08%

Run 8: Report of CalibratedKoho — Data Link

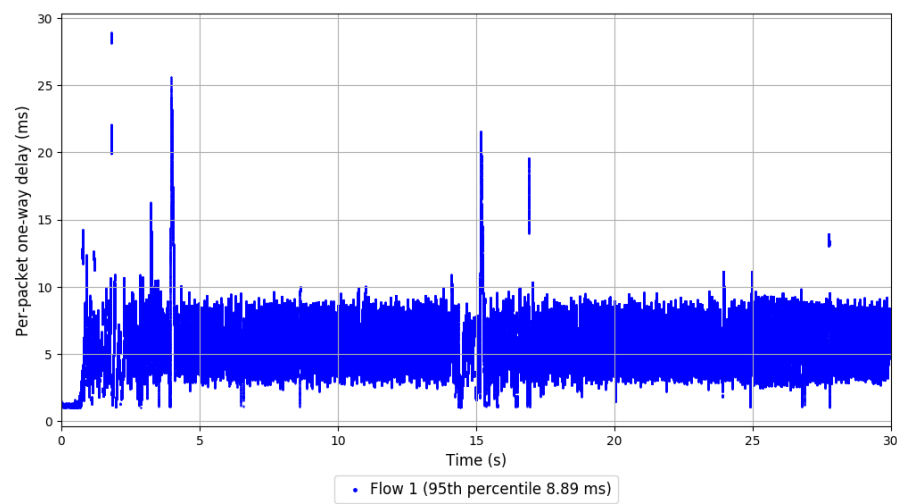
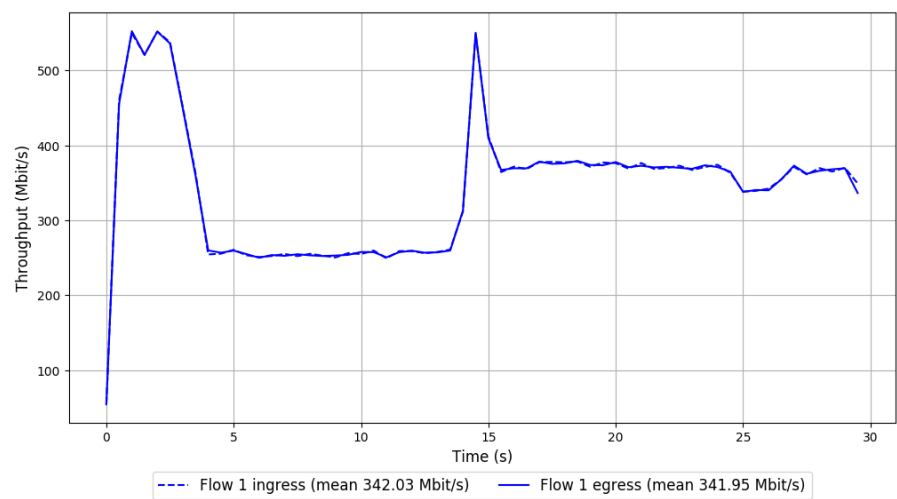


Run 9: Statistics of CalibratedKoho

Start at: 2017-09-03 03:58:12
End at: 2017-09-03 03:58:42
Local clock offset: -0.511 ms
Remote clock offset: -1.023 ms

Below is generated by plot.py at 2017-09-03 09:21:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 341.95 Mbit/s
95th percentile per-packet one-way delay: 8.894 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 341.95 Mbit/s
95th percentile per-packet one-way delay: 8.894 ms
Loss rate: 0.08%

Run 9: Report of CalibratedKoho — Data Link

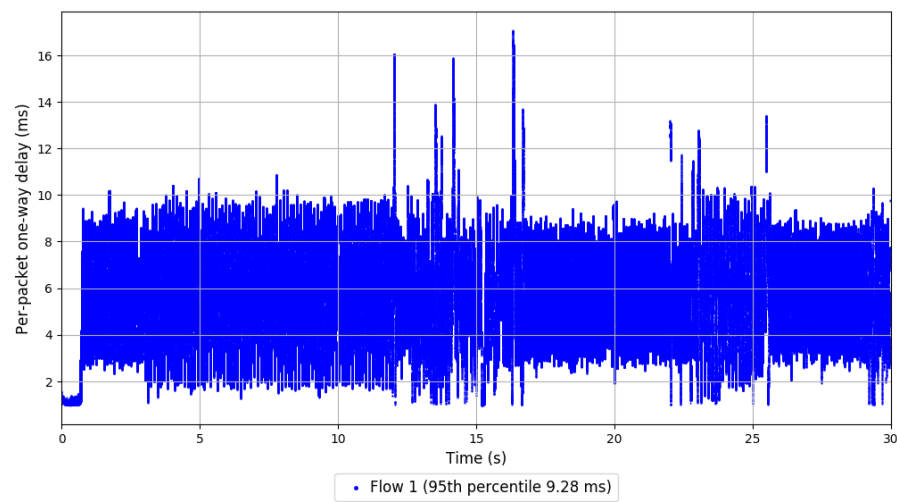
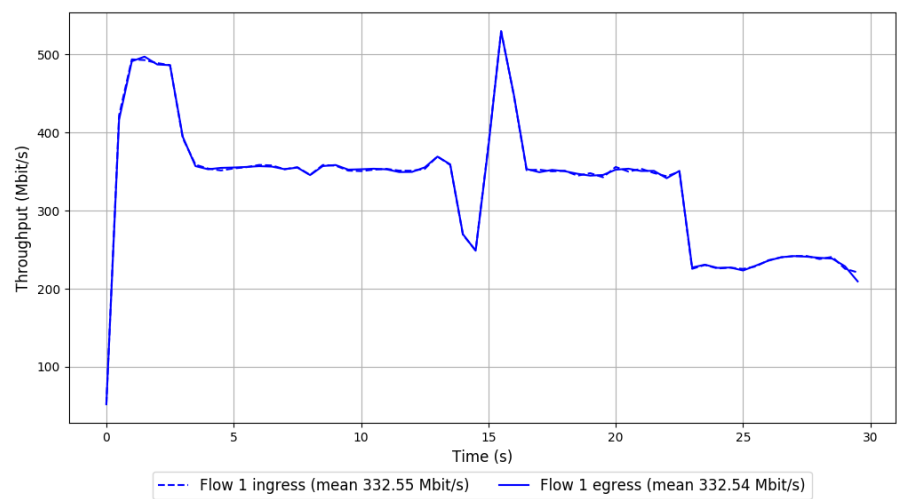


Run 10: Statistics of CalibratedKoho

Start at: 2017-09-03 04:18:48
End at: 2017-09-03 04:19:18
Local clock offset: -0.517 ms
Remote clock offset: -0.943 ms

Below is generated by plot.py at 2017-09-03 09:22:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 332.54 Mbit/s
95th percentile per-packet one-way delay: 9.277 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 332.54 Mbit/s
95th percentile per-packet one-way delay: 9.277 ms
Loss rate: 0.06%

Run 10: Report of CalibratedKoho — Data Link

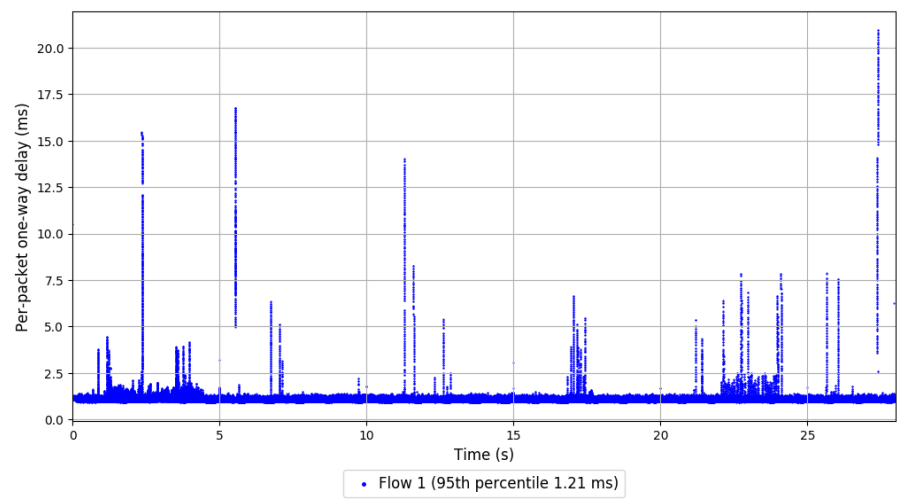
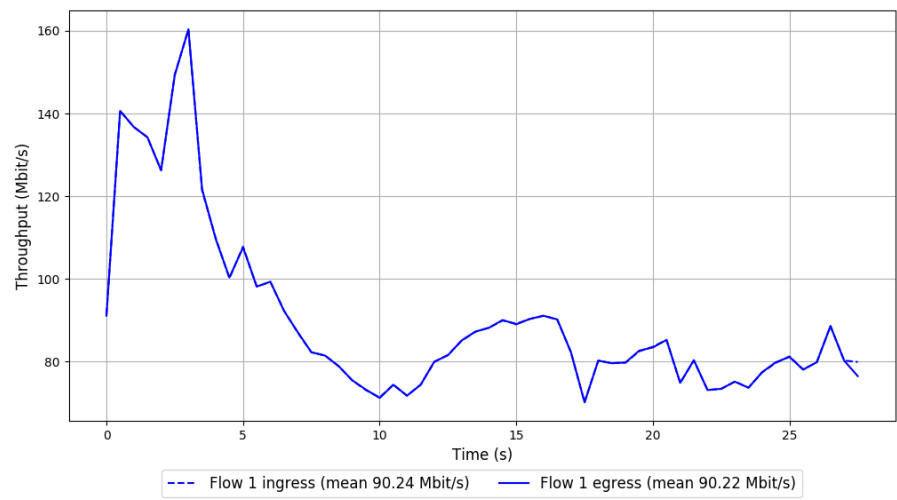


Run 1: Statistics of Copa

Start at: 2017-09-03 00:53:57
End at: 2017-09-03 00:54:27
Local clock offset: 2.462 ms
Remote clock offset: -3.322 ms

Below is generated by plot.py at 2017-09-03 09:22:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.22 Mbit/s
95th percentile per-packet one-way delay: 1.214 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 90.22 Mbit/s
95th percentile per-packet one-way delay: 1.214 ms
Loss rate: 0.07%

Run 1: Report of Copa — Data Link

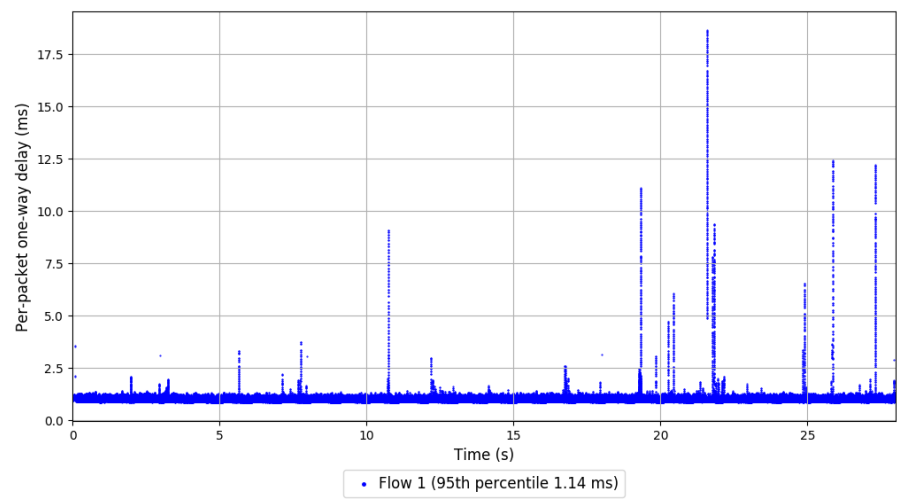
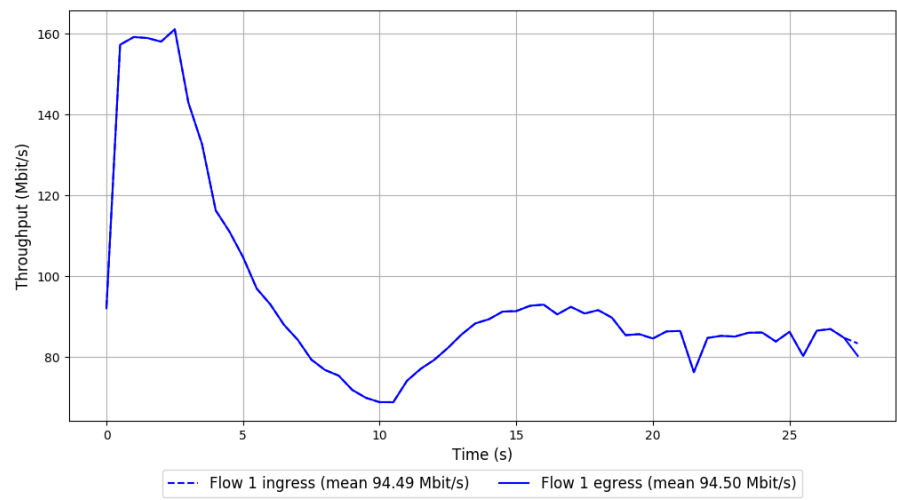


Run 2: Statistics of Copa

Start at: 2017-09-03 01:14:28
End at: 2017-09-03 01:14:58
Local clock offset: 2.14 ms
Remote clock offset: -2.817 ms

Below is generated by plot.py at 2017-09-03 09:22:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.50 Mbit/s
95th percentile per-packet one-way delay: 1.137 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 94.50 Mbit/s
95th percentile per-packet one-way delay: 1.137 ms
Loss rate: 0.06%

Run 2: Report of Copa — Data Link

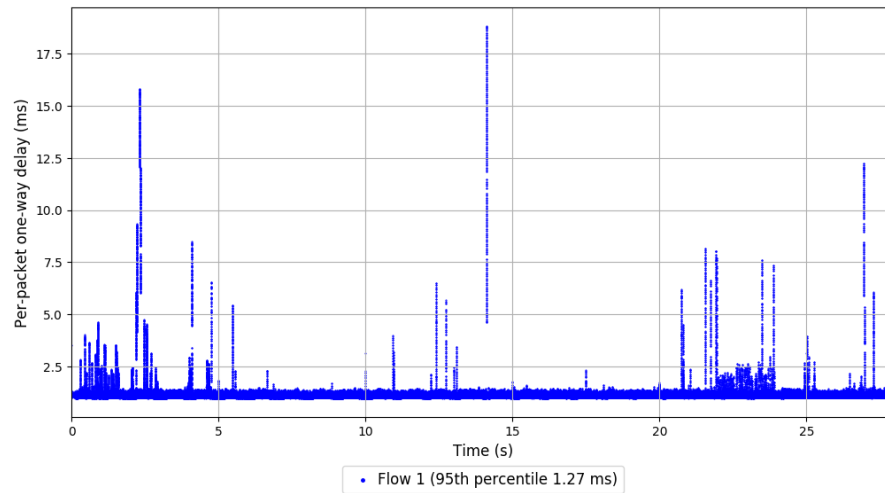
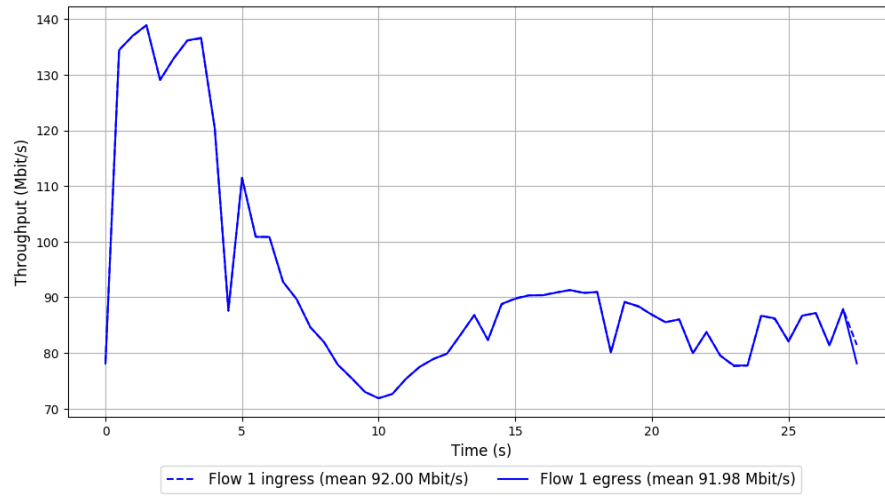


Run 3: Statistics of Copa

Start at: 2017-09-03 01:35:07
End at: 2017-09-03 01:35:37
Local clock offset: 1.956 ms
Remote clock offset: -2.647 ms

Below is generated by plot.py at 2017-09-03 09:22:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.98 Mbit/s
95th percentile per-packet one-way delay: 1.274 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 91.98 Mbit/s
95th percentile per-packet one-way delay: 1.274 ms
Loss rate: 0.07%

Run 3: Report of Copa — Data Link

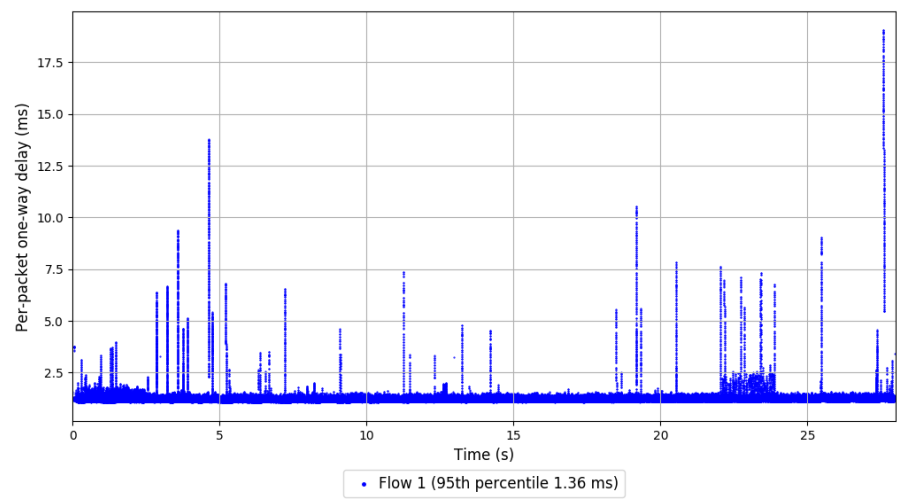
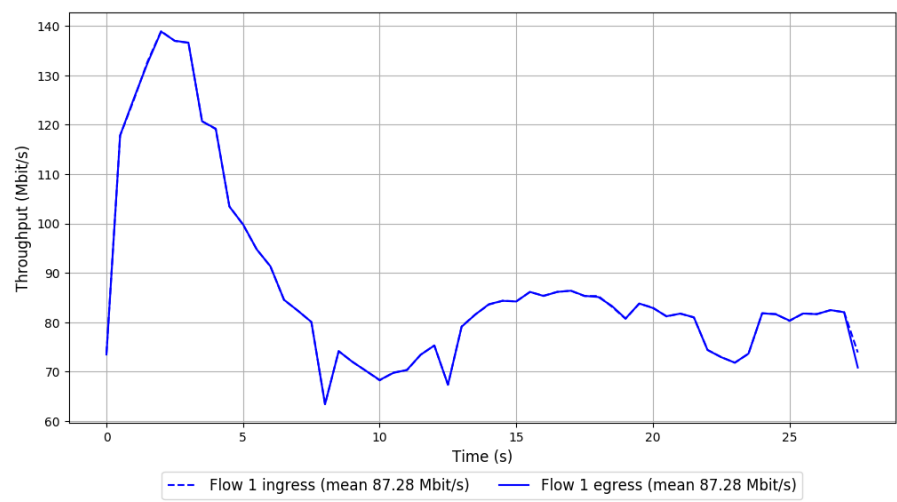


Run 4: Statistics of Copa

Start at: 2017-09-03 01:55:59
End at: 2017-09-03 01:56:29
Local clock offset: 1.679 ms
Remote clock offset: -2.247 ms

Below is generated by plot.py at 2017-09-03 09:22:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.28 Mbit/s
95th percentile per-packet one-way delay: 1.359 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 87.28 Mbit/s
95th percentile per-packet one-way delay: 1.359 ms
Loss rate: 0.07%

Run 4: Report of Copa — Data Link

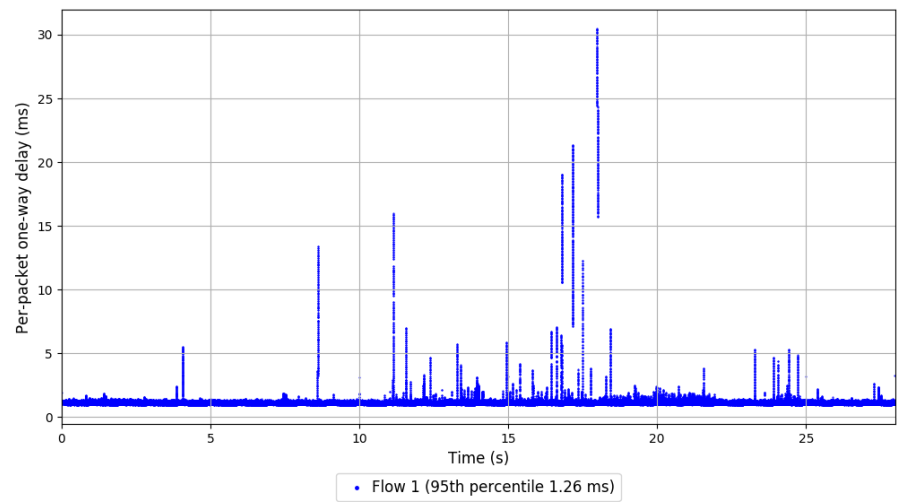
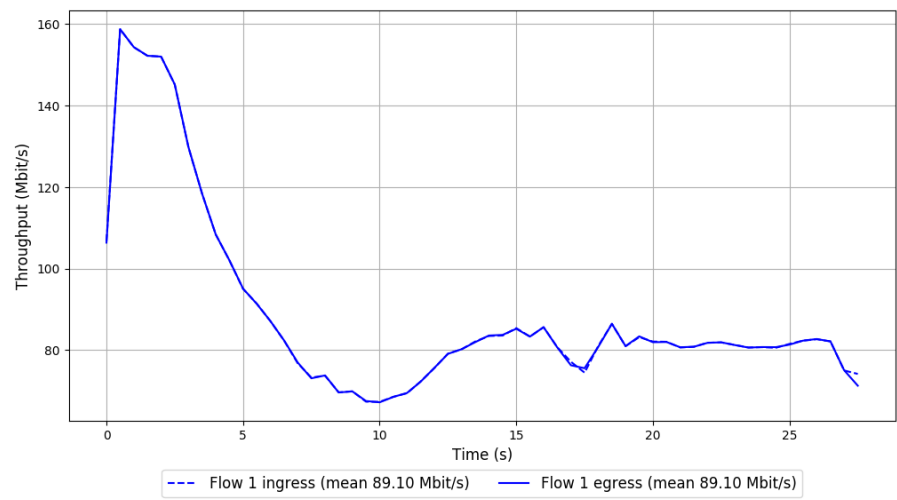


Run 5: Statistics of Copa

Start at: 2017-09-03 02:16:39
End at: 2017-09-03 02:17:09
Local clock offset: 1.101 ms
Remote clock offset: -2.071 ms

Below is generated by plot.py at 2017-09-03 09:22:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.10 Mbit/s
95th percentile per-packet one-way delay: 1.259 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 89.10 Mbit/s
95th percentile per-packet one-way delay: 1.259 ms
Loss rate: 0.06%

Run 5: Report of Copa — Data Link

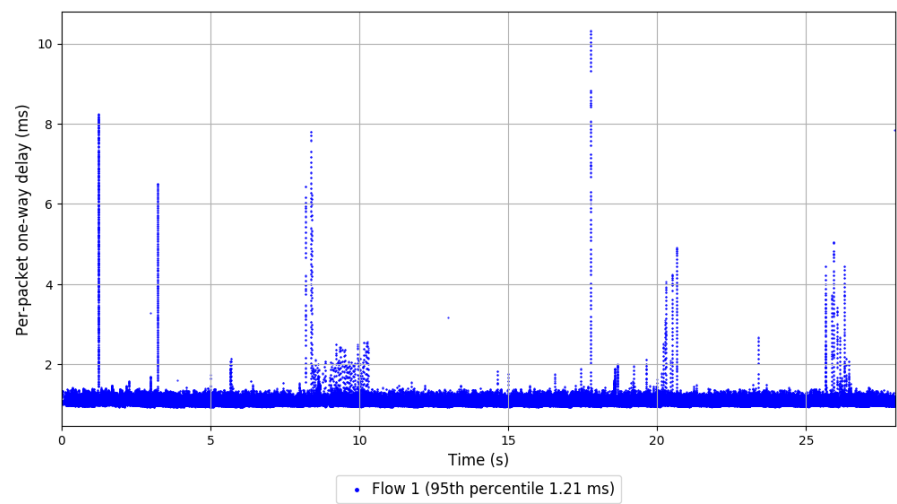
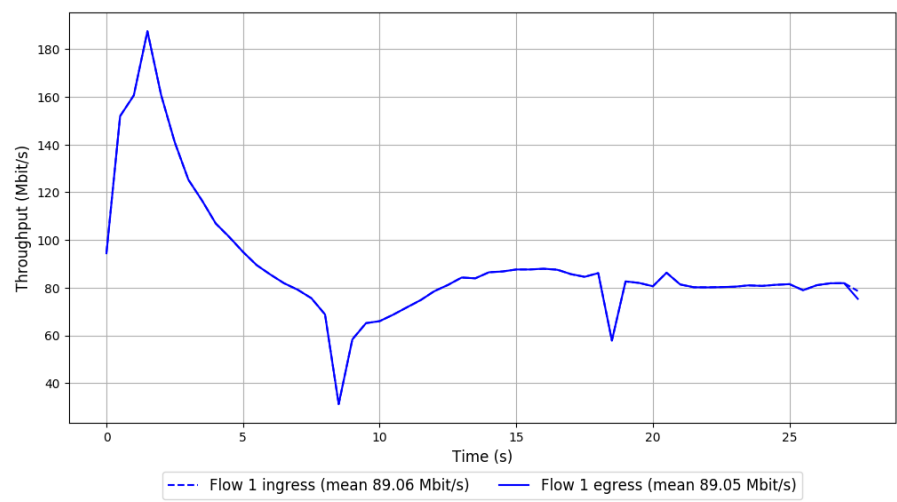


Run 6: Statistics of Copa

Start at: 2017-09-03 02:37:18
End at: 2017-09-03 02:37:48
Local clock offset: 0.683 ms
Remote clock offset: -1.536 ms

Below is generated by plot.py at 2017-09-03 09:23:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.05 Mbit/s
95th percentile per-packet one-way delay: 1.210 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 89.05 Mbit/s
95th percentile per-packet one-way delay: 1.210 ms
Loss rate: 0.07%

Run 6: Report of Copa — Data Link

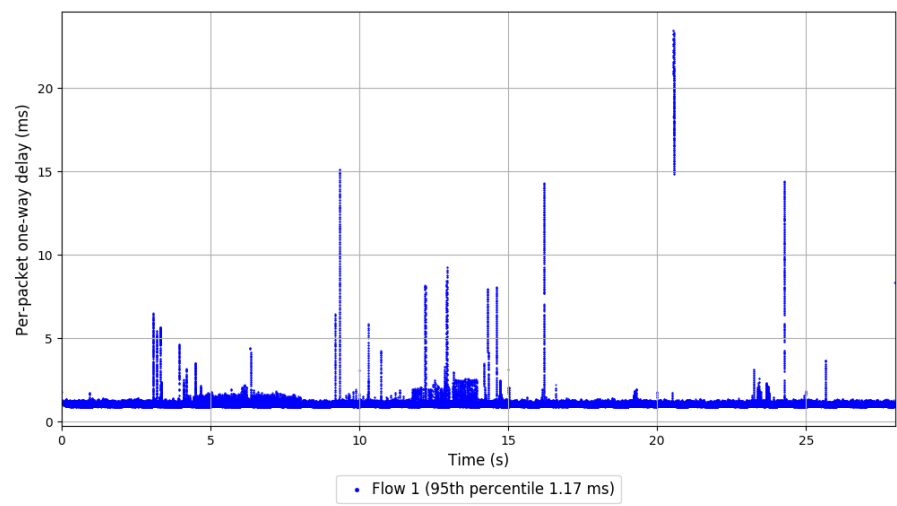
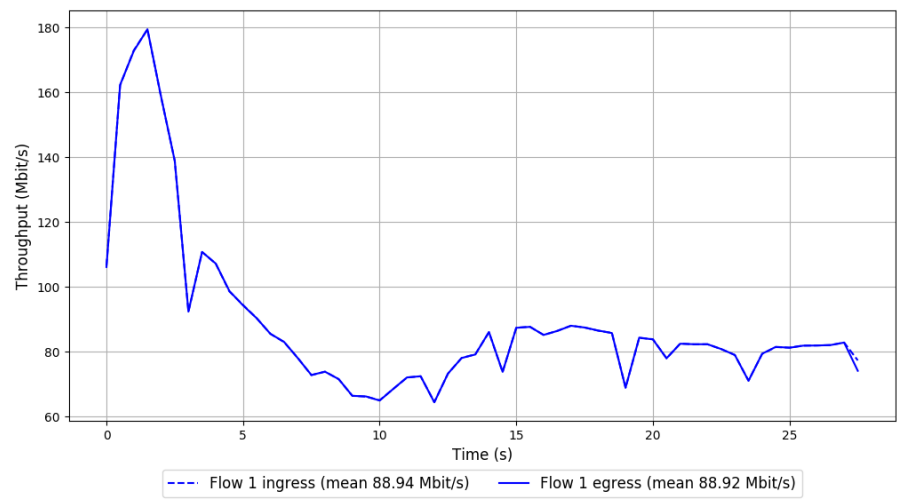


Run 7: Statistics of Copa

Start at: 2017-09-03 02:57:53
End at: 2017-09-03 02:58:24
Local clock offset: 0.225 ms
Remote clock offset: -1.148 ms

Below is generated by plot.py at 2017-09-03 09:23:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.92 Mbit/s
95th percentile per-packet one-way delay: 1.168 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 88.92 Mbit/s
95th percentile per-packet one-way delay: 1.168 ms
Loss rate: 0.07%

Run 7: Report of Copa — Data Link

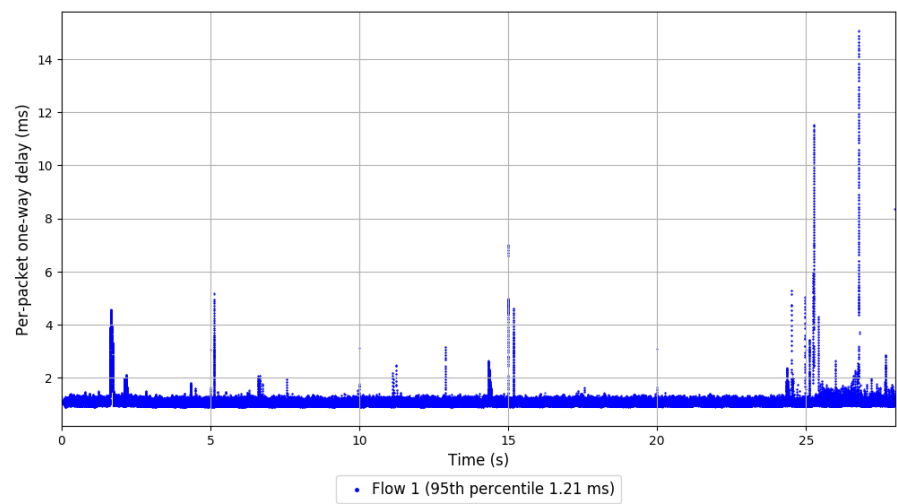
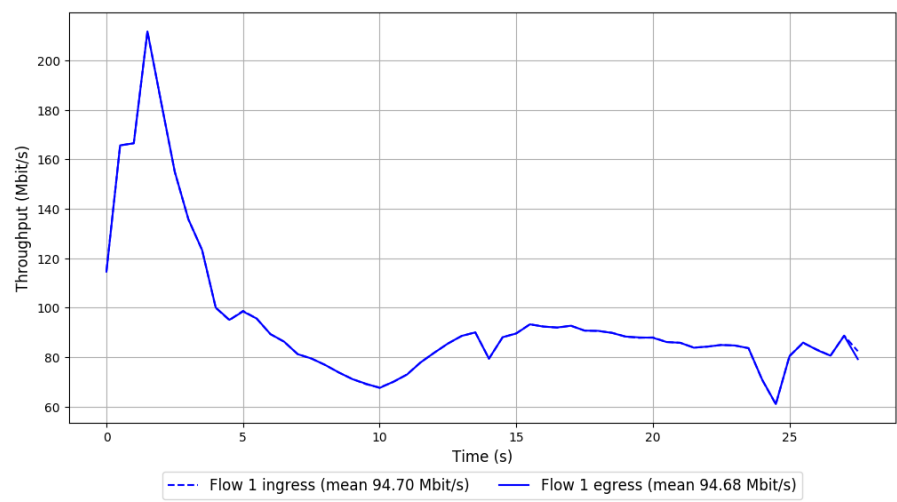


Run 8: Statistics of Copa

Start at: 2017-09-03 03:18:32
End at: 2017-09-03 03:19:03
Local clock offset: 0.036 ms
Remote clock offset: -1.106 ms

Below is generated by plot.py at 2017-09-03 09:23:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.68 Mbit/s
95th percentile per-packet one-way delay: 1.210 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 94.68 Mbit/s
95th percentile per-packet one-way delay: 1.210 ms
Loss rate: 0.06%

Run 8: Report of Copa — Data Link

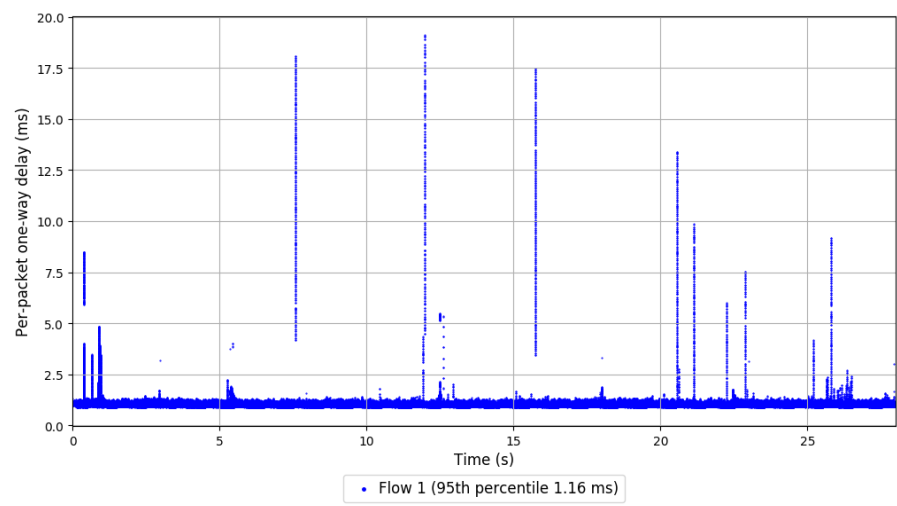
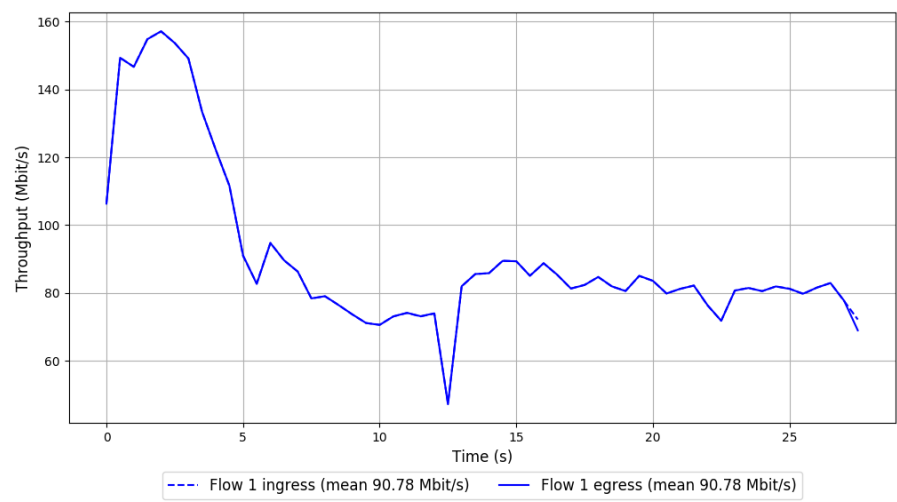


Run 9: Statistics of Copa

Start at: 2017-09-03 03:39:07
End at: 2017-09-03 03:39:37
Local clock offset: -0.322 ms
Remote clock offset: -1.125 ms

Below is generated by plot.py at 2017-09-03 09:23:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.78 Mbit/s
95th percentile per-packet one-way delay: 1.162 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 90.78 Mbit/s
95th percentile per-packet one-way delay: 1.162 ms
Loss rate: 0.06%

Run 9: Report of Copa — Data Link

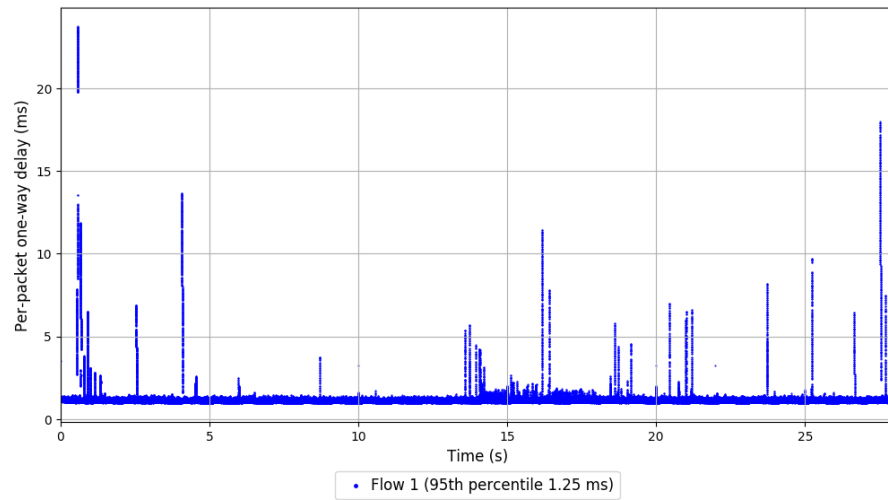
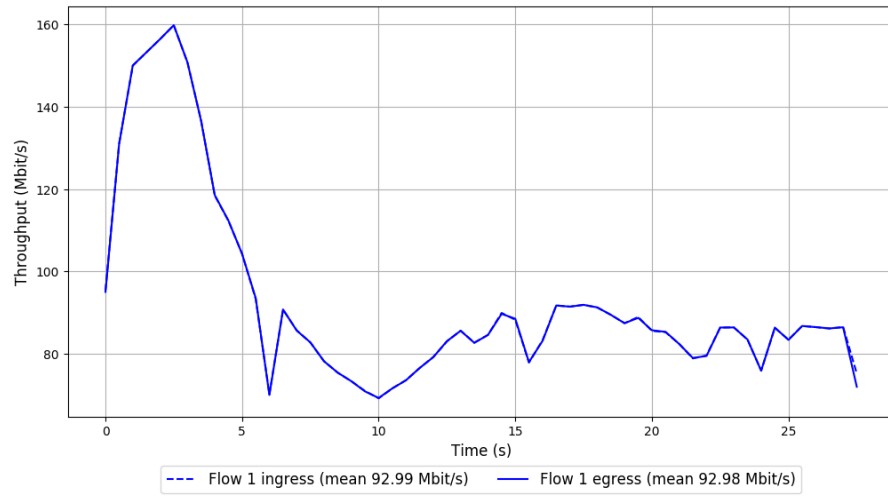


Run 10: Statistics of Copa

Start at: 2017-09-03 03:59:44
End at: 2017-09-03 04:00:14
Local clock offset: -0.591 ms
Remote clock offset: -1.032 ms

Below is generated by plot.py at 2017-09-03 09:23:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.98 Mbit/s
95th percentile per-packet one-way delay: 1.252 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 92.98 Mbit/s
95th percentile per-packet one-way delay: 1.252 ms
Loss rate: 0.07%

Run 10: Report of Copa — Data Link

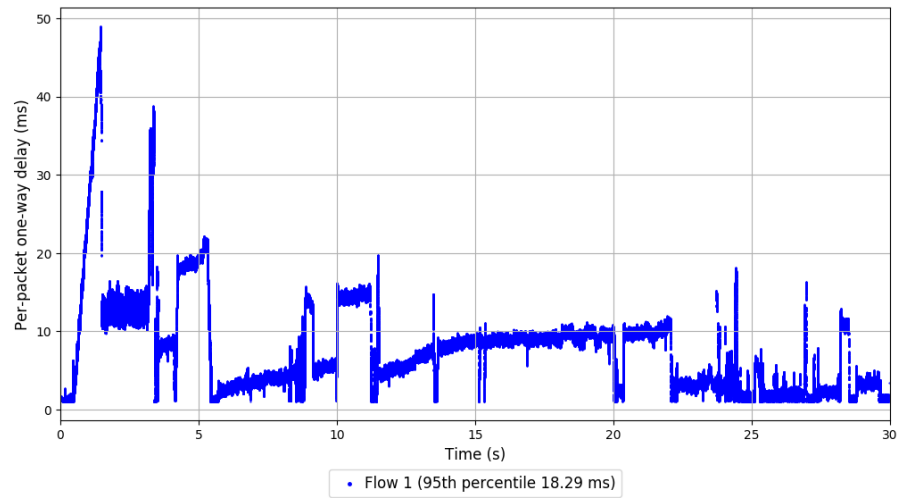
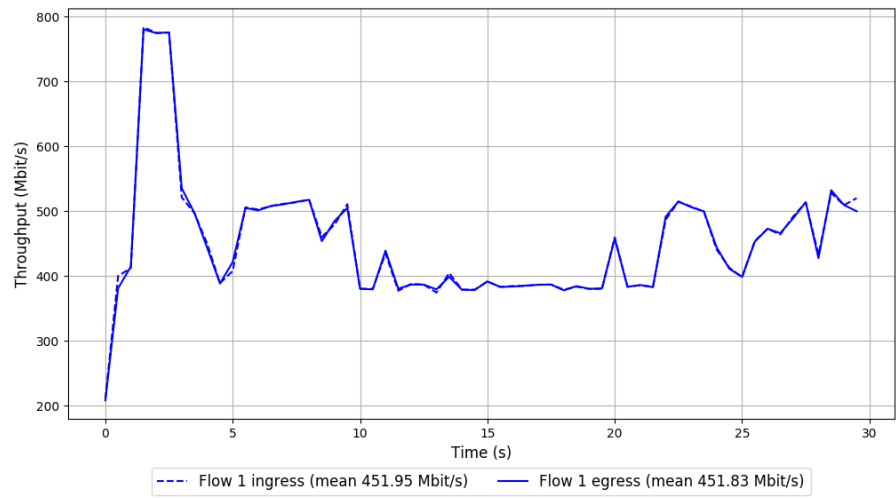


Run 1: Statistics of TCP Cubic

Start at: 2017-09-03 00:56:36
End at: 2017-09-03 00:57:06
Local clock offset: 2.46 ms
Remote clock offset: -3.328 ms

Below is generated by plot.py at 2017-09-03 09:24:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 451.83 Mbit/s
95th percentile per-packet one-way delay: 18.288 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 451.83 Mbit/s
95th percentile per-packet one-way delay: 18.288 ms
Loss rate: 0.09%

Run 1: Report of TCP Cubic — Data Link

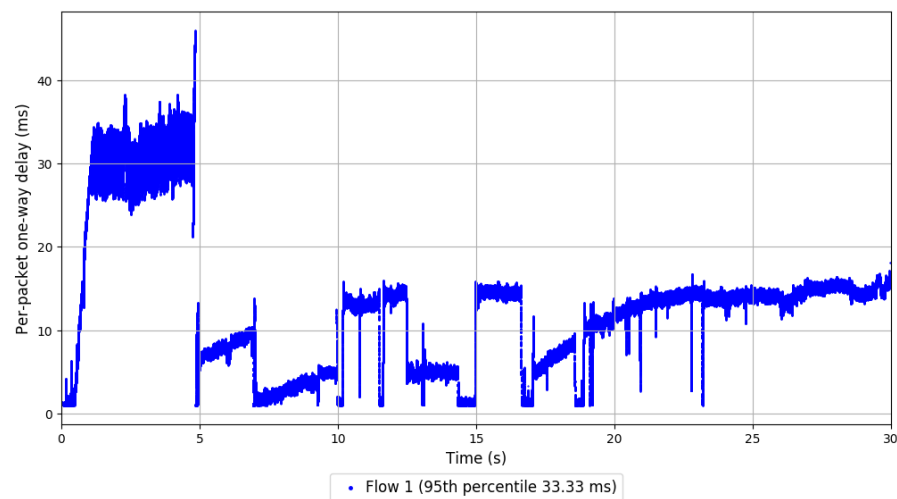
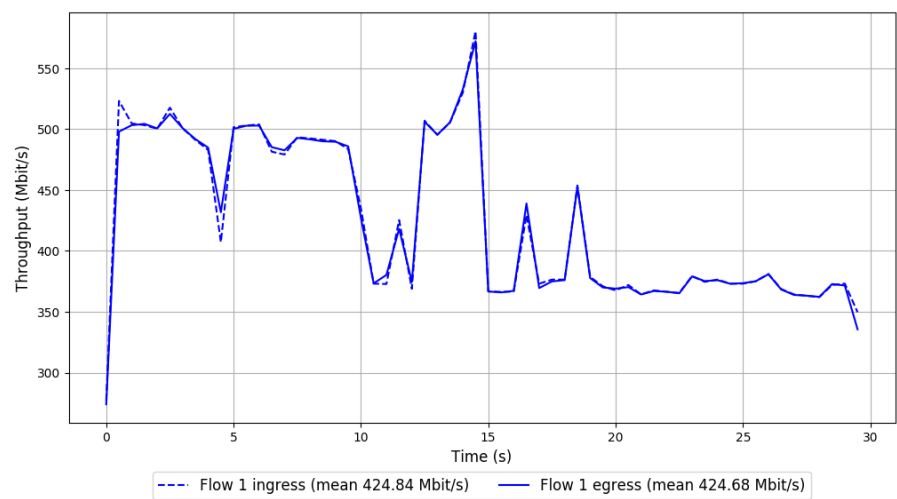


Run 2: Statistics of TCP Cubic

Start at: 2017-09-03 01:17:09
End at: 2017-09-03 01:17:39
Local clock offset: 2.074 ms
Remote clock offset: -2.897 ms

Below is generated by plot.py at 2017-09-03 09:24:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 424.68 Mbit/s
95th percentile per-packet one-way delay: 33.327 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 424.68 Mbit/s
95th percentile per-packet one-way delay: 33.327 ms
Loss rate: 0.10%

Run 2: Report of TCP Cubic — Data Link

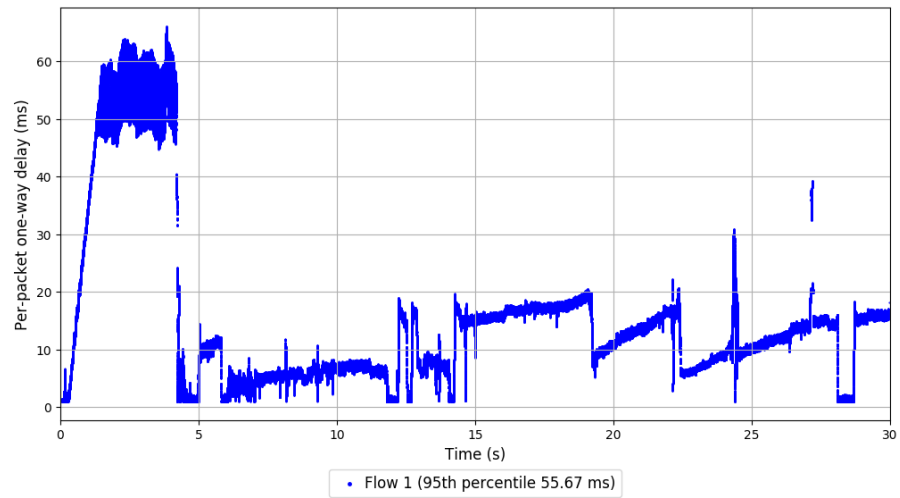
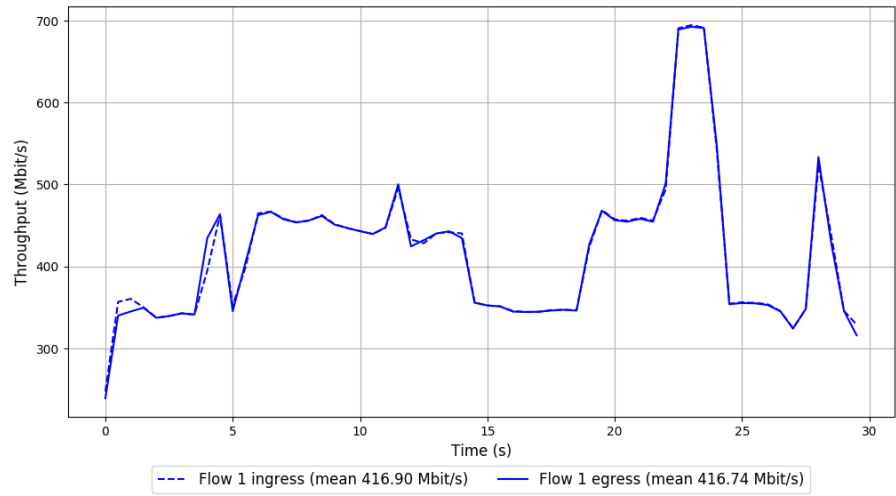


Run 3: Statistics of TCP Cubic

Start at: 2017-09-03 01:37:56
End at: 2017-09-03 01:38:26
Local clock offset: 1.93 ms
Remote clock offset: -2.561 ms

Below is generated by plot.py at 2017-09-03 09:25:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 416.74 Mbit/s
95th percentile per-packet one-way delay: 55.670 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 416.74 Mbit/s
95th percentile per-packet one-way delay: 55.670 ms
Loss rate: 0.10%

Run 3: Report of TCP Cubic — Data Link

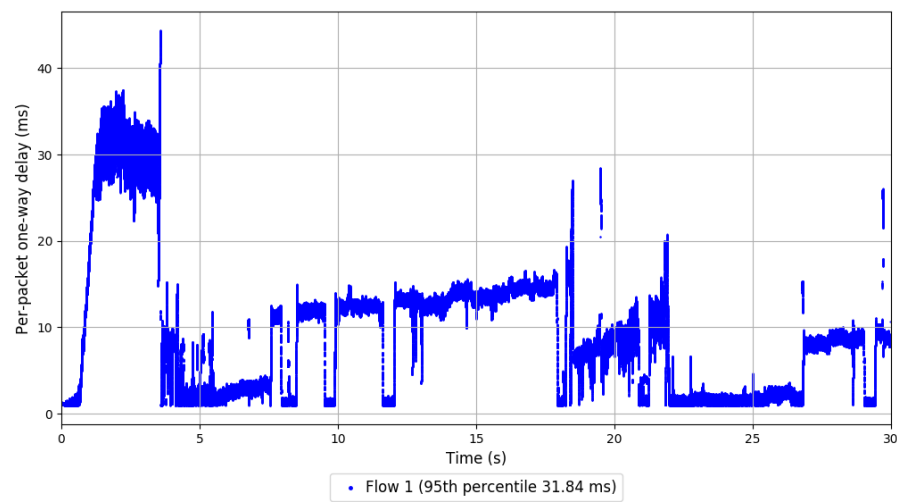
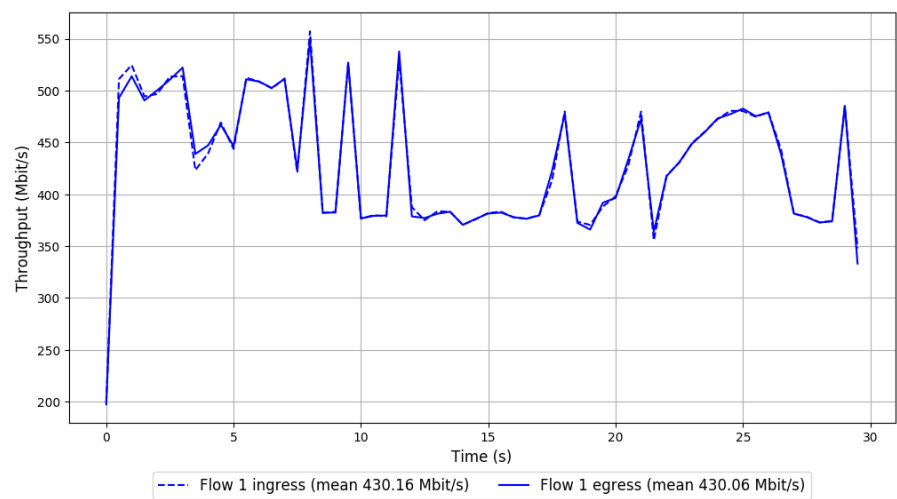


Run 4: Statistics of TCP Cubic

Start at: 2017-09-03 01:58:41
End at: 2017-09-03 01:59:11
Local clock offset: 1.603 ms
Remote clock offset: -2.065 ms

Below is generated by plot.py at 2017-09-03 09:25:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 430.06 Mbit/s
95th percentile per-packet one-way delay: 31.839 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 430.06 Mbit/s
95th percentile per-packet one-way delay: 31.839 ms
Loss rate: 0.08%

Run 4: Report of TCP Cubic — Data Link

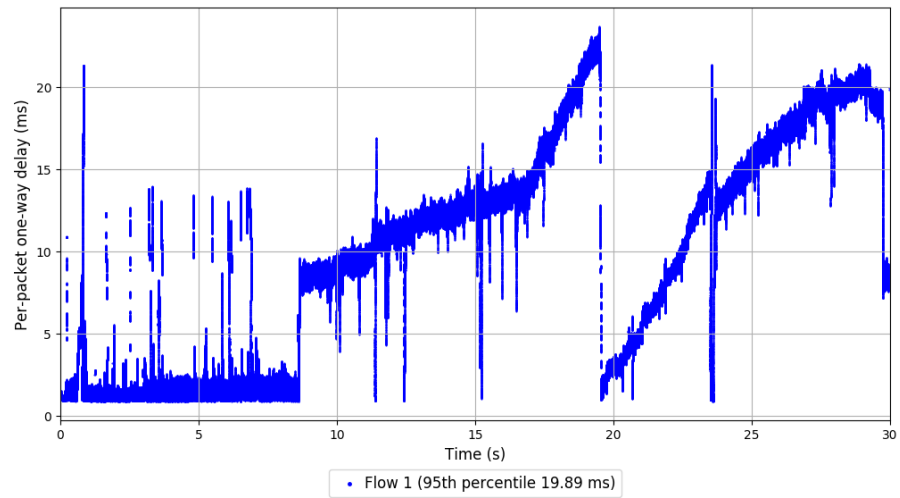
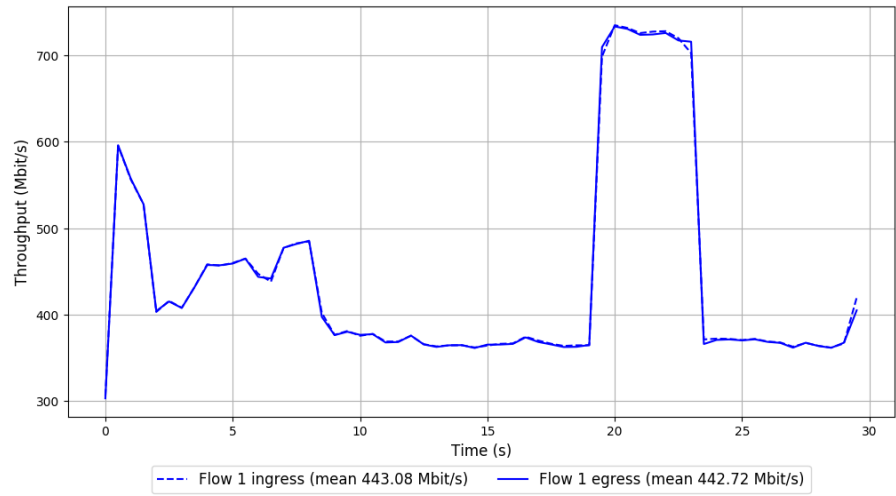


Run 5: Statistics of TCP Cubic

Start at: 2017-09-03 02:19:19
End at: 2017-09-03 02:19:49
Local clock offset: 1.053 ms
Remote clock offset: -1.968 ms

Below is generated by plot.py at 2017-09-03 09:26:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 442.72 Mbit/s
95th percentile per-packet one-way delay: 19.887 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 442.72 Mbit/s
95th percentile per-packet one-way delay: 19.887 ms
Loss rate: 0.11%

Run 5: Report of TCP Cubic — Data Link

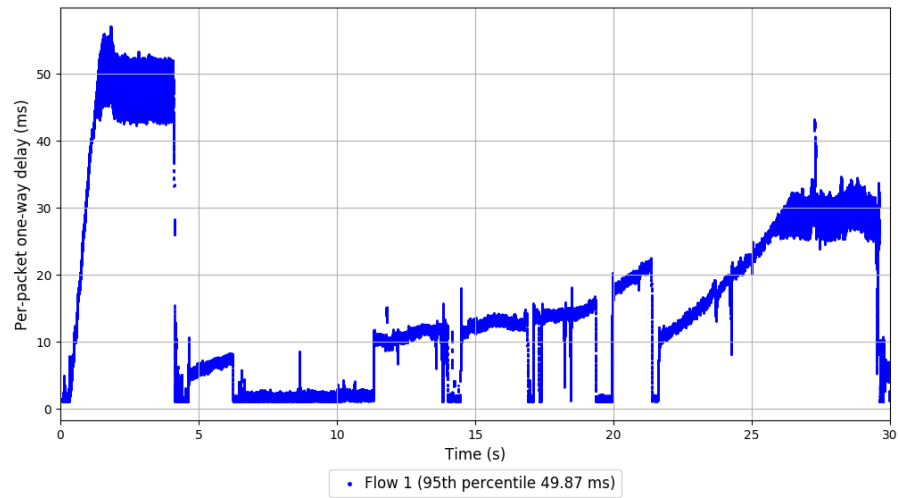
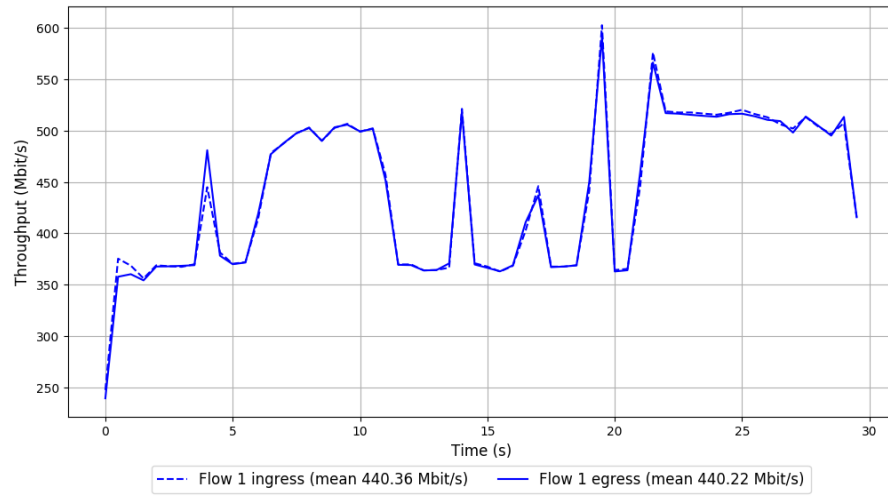


Run 6: Statistics of TCP Cubic

Start at: 2017-09-03 02:40:05
End at: 2017-09-03 02:40:35
Local clock offset: 0.655 ms
Remote clock offset: -1.581 ms

Below is generated by plot.py at 2017-09-03 09:26:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 440.22 Mbit/s
95th percentile per-packet one-way delay: 49.867 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 440.22 Mbit/s
95th percentile per-packet one-way delay: 49.867 ms
Loss rate: 0.10%

Run 6: Report of TCP Cubic — Data Link

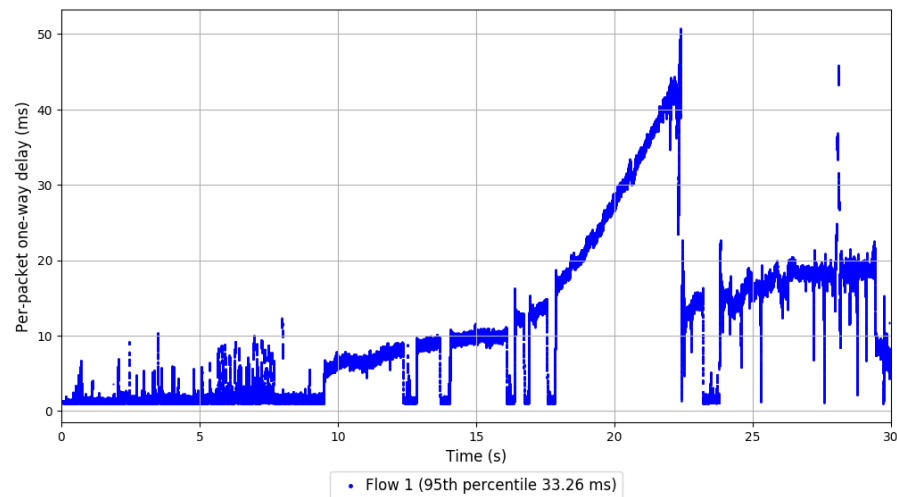
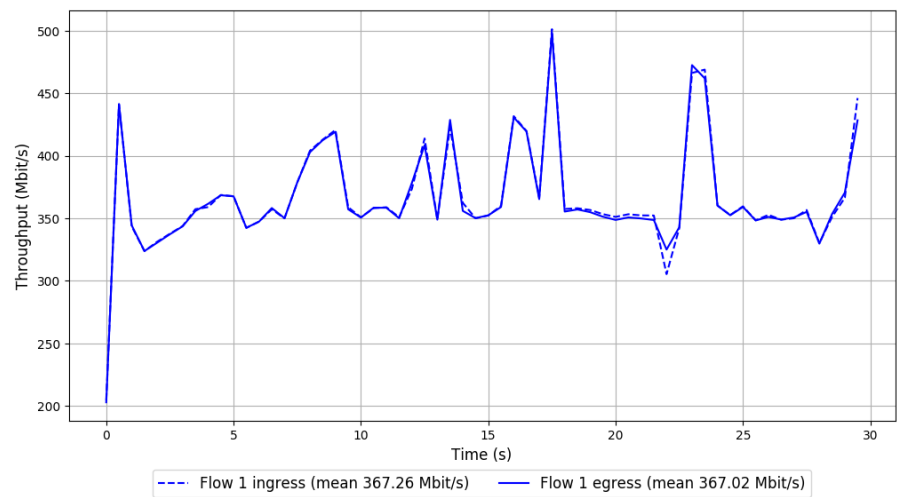


Run 7: Statistics of TCP Cubic

Start at: 2017-09-03 03:00:37
End at: 2017-09-03 03:01:07
Local clock offset: 0.273 ms
Remote clock offset: -1.127 ms

Below is generated by plot.py at 2017-09-03 09:27:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 367.02 Mbit/s
95th percentile per-packet one-way delay: 33.264 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 367.02 Mbit/s
95th percentile per-packet one-way delay: 33.264 ms
Loss rate: 0.12%

Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: 2017-09-03 03:21:14

End at: 2017-09-03 03:21:44

Local clock offset: -0.018 ms

Remote clock offset: -1.01 ms

Below is generated by plot.py at 2017-09-03 09:27:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 472.87 Mbit/s

95th percentile per-packet one-way delay: 34.987 ms

Loss rate: 0.08%

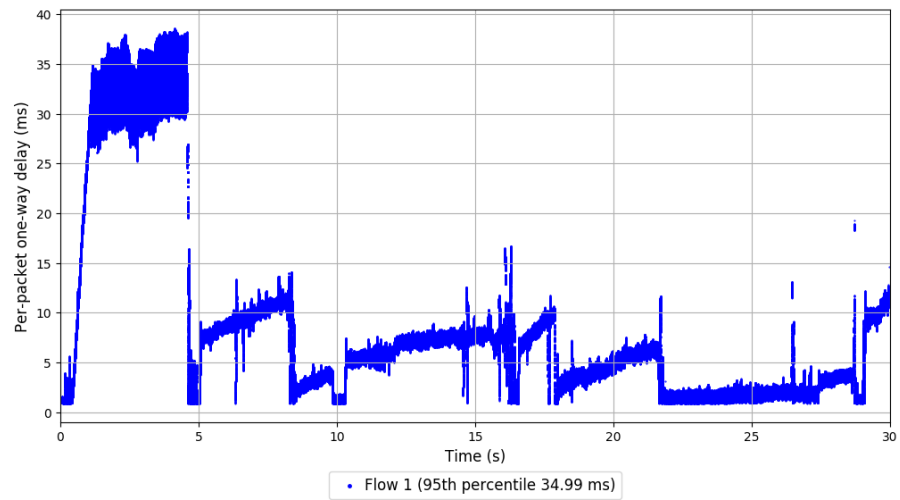
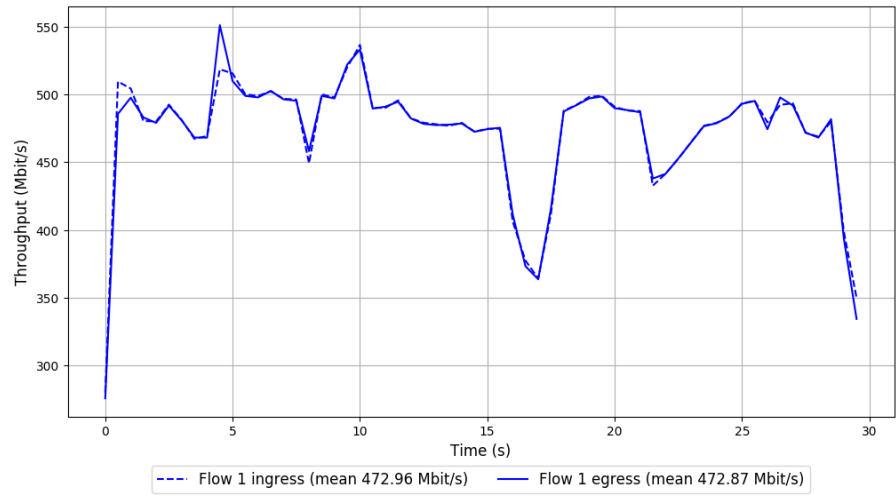
-- Flow 1:

Average throughput: 472.87 Mbit/s

95th percentile per-packet one-way delay: 34.987 ms

Loss rate: 0.08%

Run 8: Report of TCP Cubic — Data Link

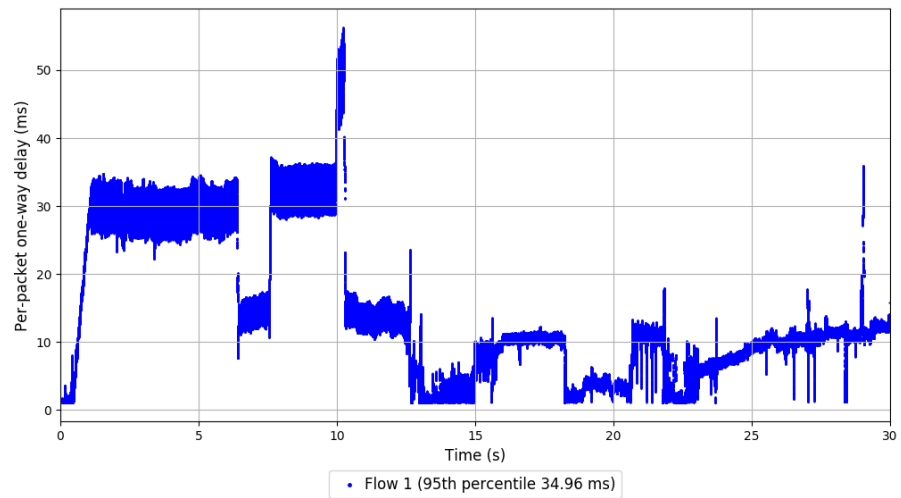
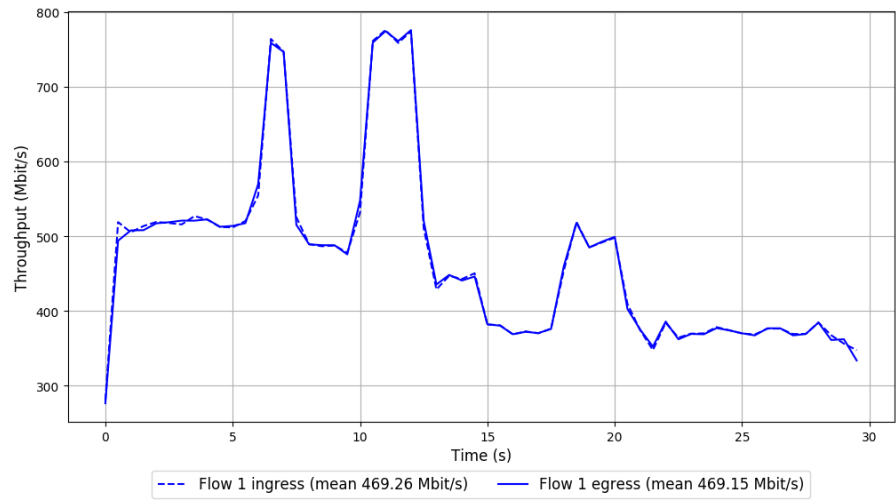


Run 9: Statistics of TCP Cubic

Start at: 2017-09-03 03:41:47
End at: 2017-09-03 03:42:18
Local clock offset: -0.298 ms
Remote clock offset: -1.195 ms

Below is generated by plot.py at 2017-09-03 09:28:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 469.15 Mbit/s
95th percentile per-packet one-way delay: 34.957 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 469.15 Mbit/s
95th percentile per-packet one-way delay: 34.957 ms
Loss rate: 0.08%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2017-09-03 04:02:27

End at: 2017-09-03 04:02:57

Local clock offset: -0.603 ms

Remote clock offset: -0.957 ms

Below is generated by plot.py at 2017-09-03 09:28:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 523.73 Mbit/s

95th percentile per-packet one-way delay: 32.052 ms

Loss rate: 0.07%

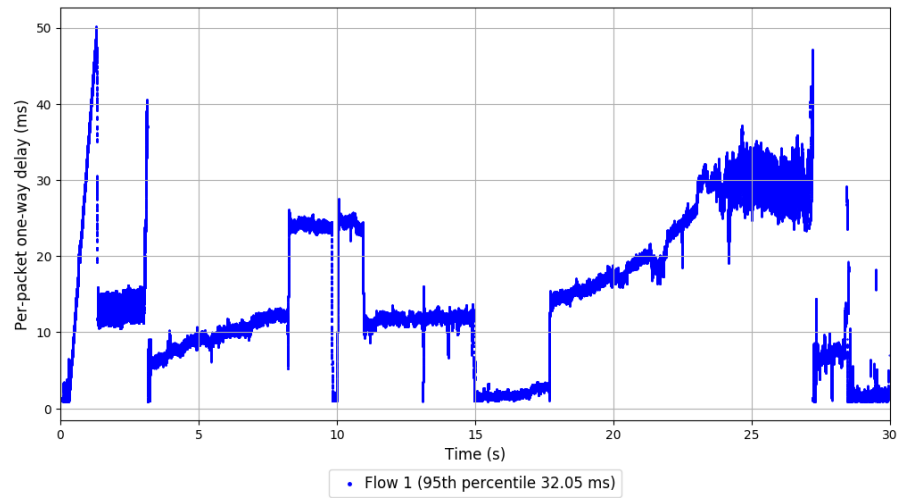
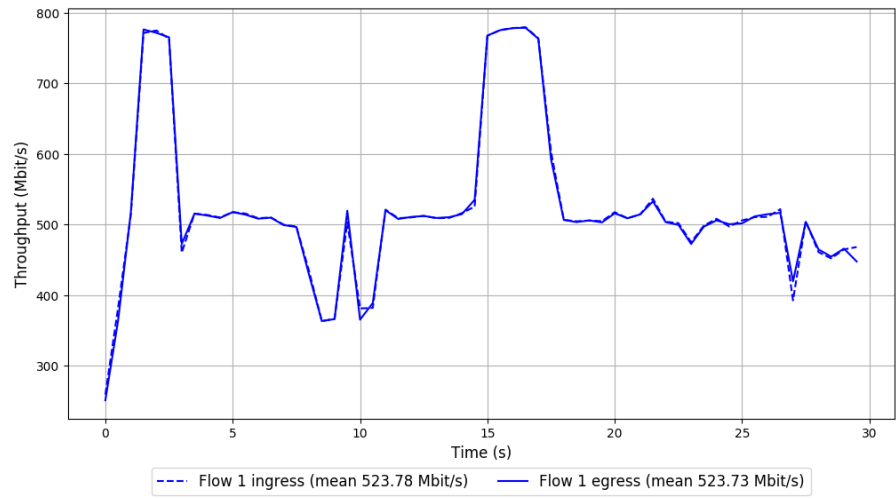
-- Flow 1:

Average throughput: 523.73 Mbit/s

95th percentile per-packet one-way delay: 32.052 ms

Loss rate: 0.07%

Run 10: Report of TCP Cubic — Data Link

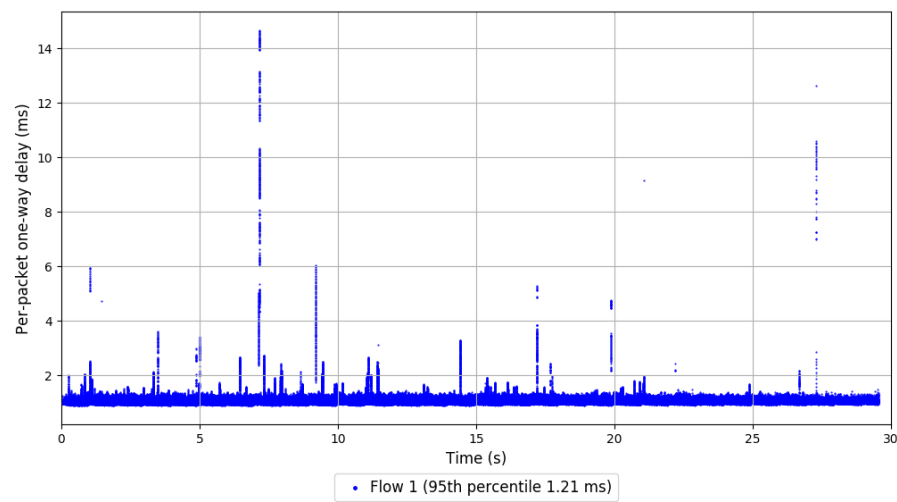
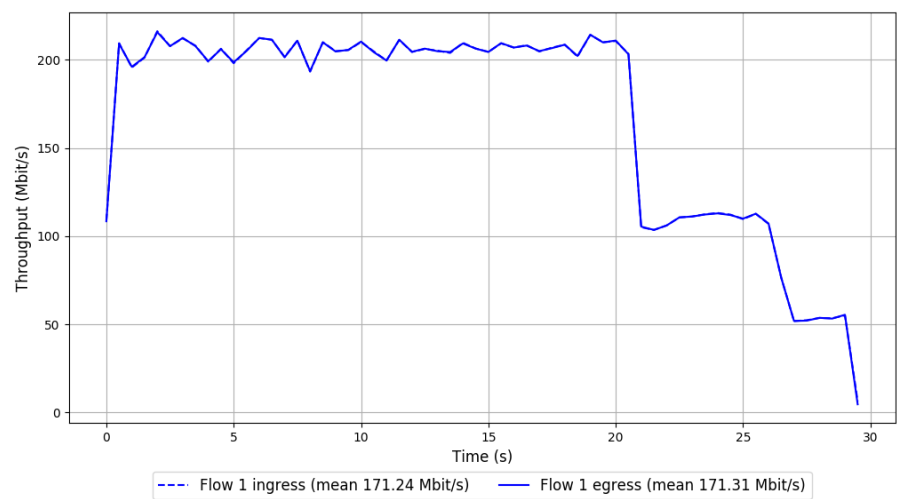


```
Run 1: Statistics of Indigo

Start at: 2017-09-03 01:06:12
End at: 2017-09-03 01:06:42
Local clock offset: 2.253 ms
Remote clock offset: -2.934 ms

# Below is generated by plot.py at 2017-09-03 09:28:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 171.31 Mbit/s
95th percentile per-packet one-way delay: 1.208 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 171.31 Mbit/s
95th percentile per-packet one-way delay: 1.208 ms
Loss rate: 0.02%
```


Run 1: Report of Indigo — Data Link



Run 2: Statistics of Indigo

Start at: 2017-09-03 01:26:52

End at: 2017-09-03 01:27:22

Local clock offset: 2.081 ms

Remote clock offset: -2.809 ms

Below is generated by plot.py at 2017-09-03 09:29:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 167.27 Mbit/s

95th percentile per-packet one-way delay: 1.465 ms

Loss rate: 0.05%

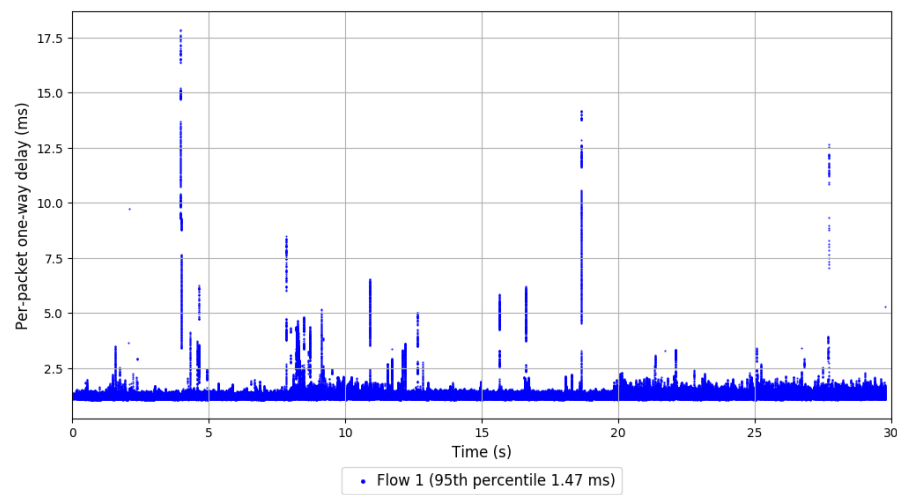
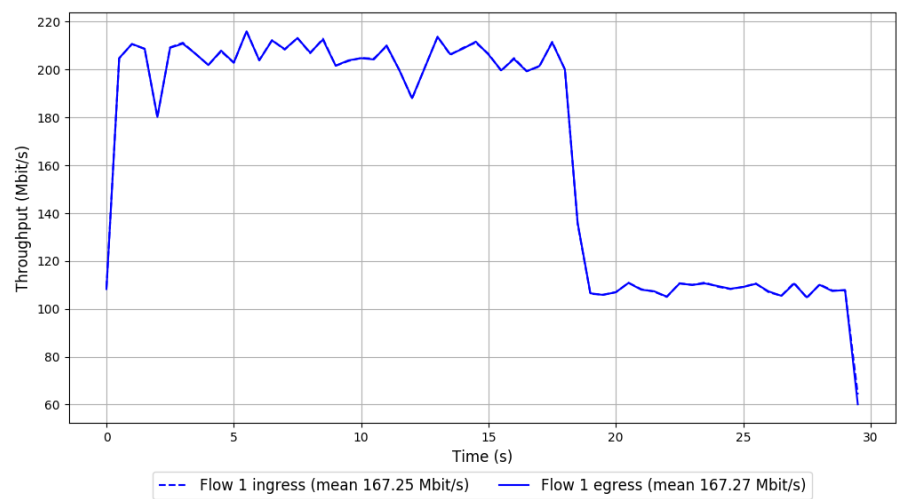
-- Flow 1:

Average throughput: 167.27 Mbit/s

95th percentile per-packet one-way delay: 1.465 ms

Loss rate: 0.05%

Run 2: Report of Indigo — Data Link



Run 3: Statistics of Indigo

Start at: 2017-09-03 01:47:38

End at: 2017-09-03 01:48:08

Local clock offset: 1.793 ms

Remote clock offset: -2.414 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 124.86 Mbit/s

95th percentile per-packet one-way delay: 1.246 ms

Loss rate: 0.03%

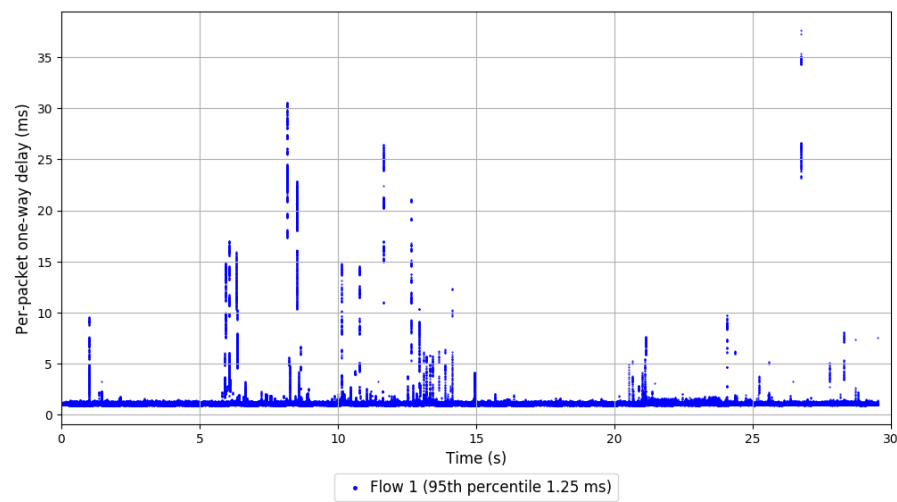
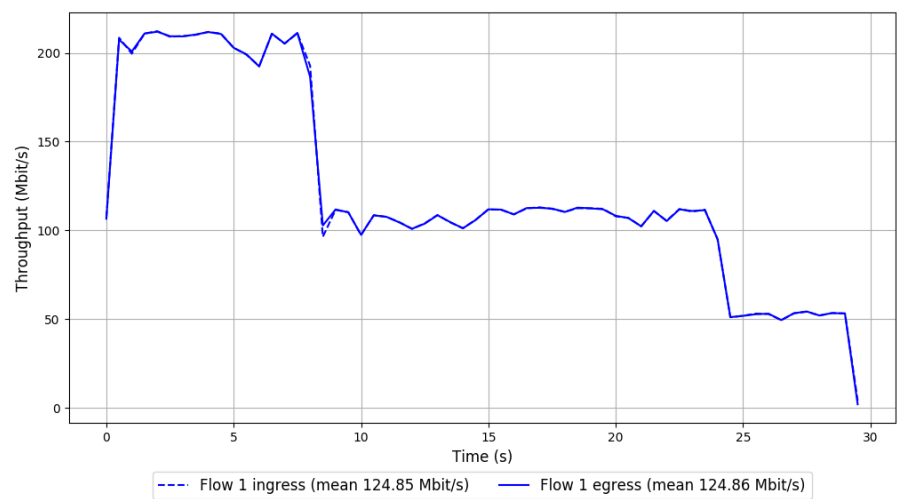
-- Flow 1:

Average throughput: 124.86 Mbit/s

95th percentile per-packet one-way delay: 1.246 ms

Loss rate: 0.03%

Run 3: Report of Indigo — Data Link



Run 4: Statistics of Indigo

Start at: 2017-09-03 02:08:22

End at: 2017-09-03 02:08:52

Local clock offset: 1.332 ms

Remote clock offset: -2.049 ms

Below is generated by plot.py at 2017-09-03 09:29:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 199.02 Mbit/s

95th percentile per-packet one-way delay: 1.202 ms

Loss rate: 0.04%

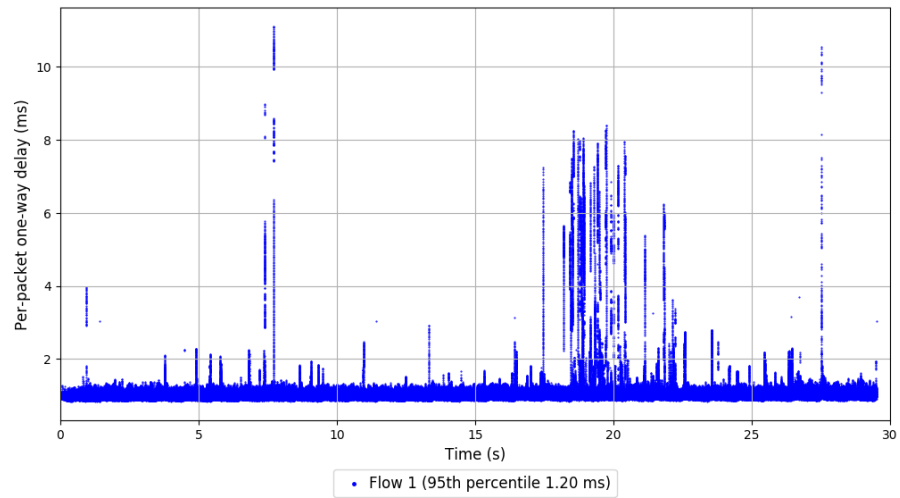
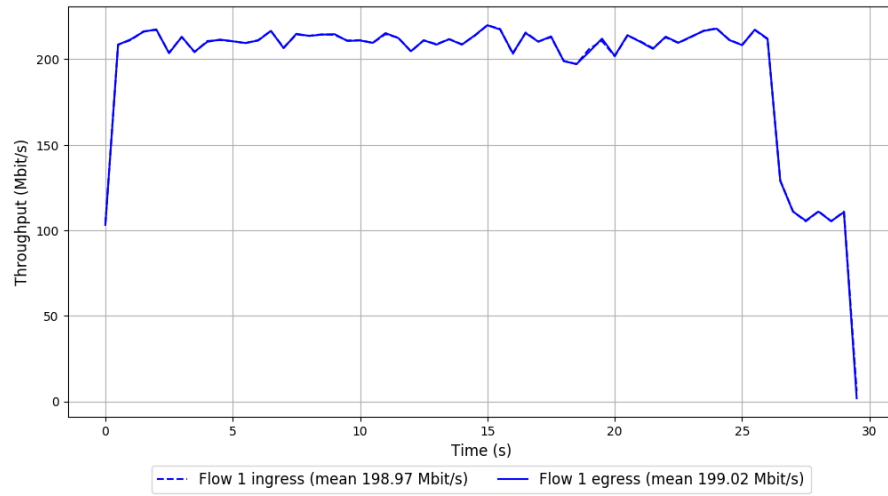
-- Flow 1:

Average throughput: 199.02 Mbit/s

95th percentile per-packet one-way delay: 1.202 ms

Loss rate: 0.04%

Run 4: Report of Indigo — Data Link



Run 5: Statistics of Indigo

Start at: 2017-09-03 02:28:58

End at: 2017-09-03 02:29:28

Local clock offset: 0.939 ms

Remote clock offset: -1.866 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 196.94 Mbit/s

95th percentile per-packet one-way delay: 1.415 ms

Loss rate: 0.04%

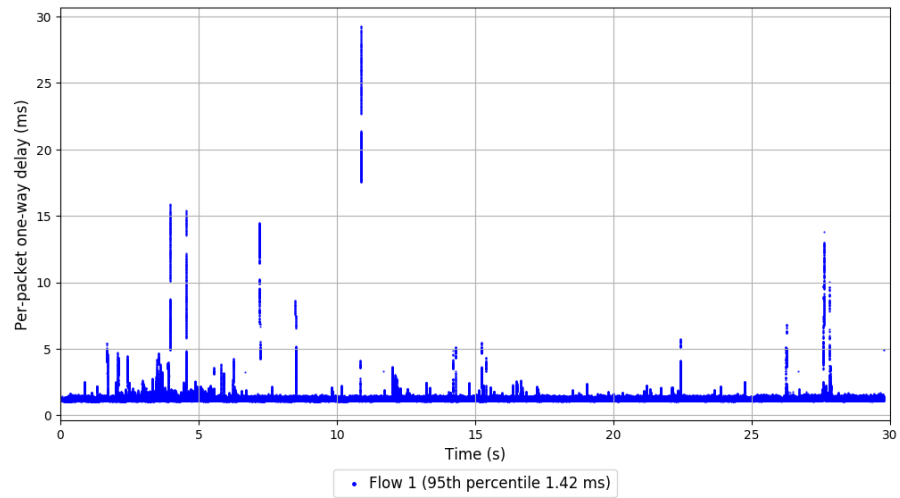
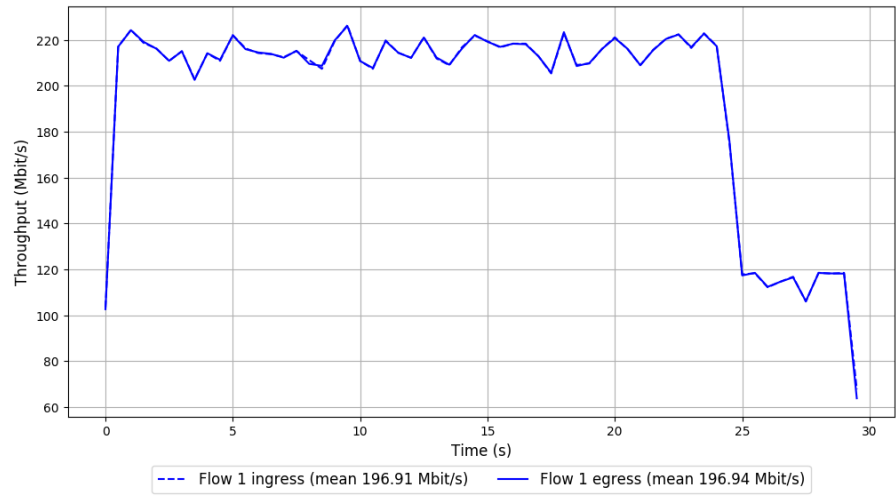
-- Flow 1:

Average throughput: 196.94 Mbit/s

95th percentile per-packet one-way delay: 1.415 ms

Loss rate: 0.04%

Run 5: Report of Indigo — Data Link



Run 6: Statistics of Indigo

Start at: 2017-09-03 02:49:44

End at: 2017-09-03 02:50:14

Local clock offset: 0.376 ms

Remote clock offset: -1.375 ms

Below is generated by plot.py at 2017-09-03 09:29:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.23 Mbit/s

95th percentile per-packet one-way delay: 1.273 ms

Loss rate: 0.04%

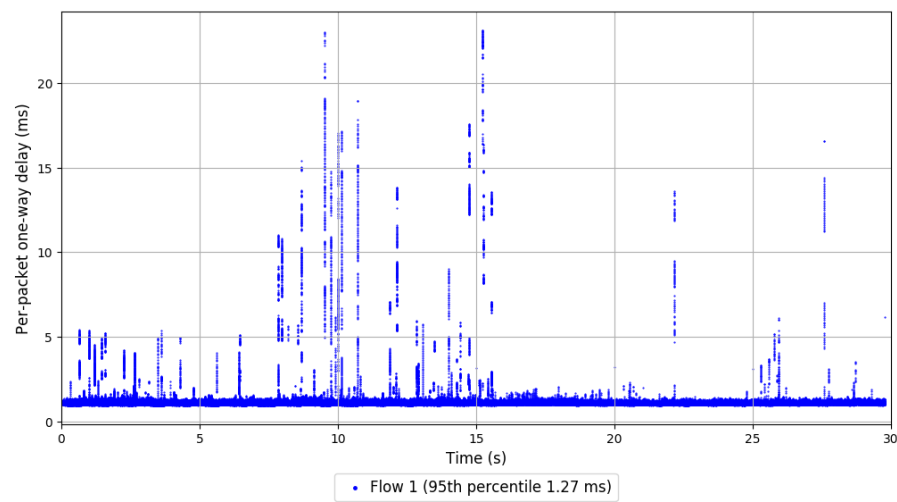
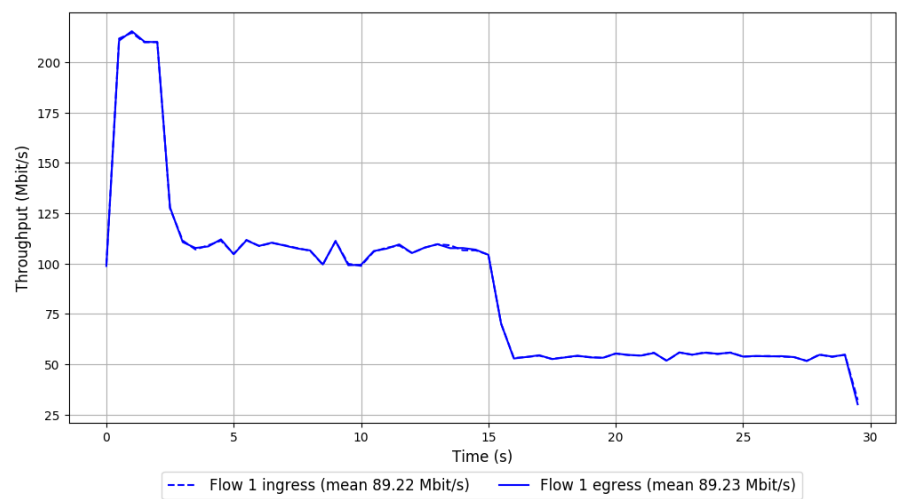
-- Flow 1:

Average throughput: 89.23 Mbit/s

95th percentile per-packet one-way delay: 1.273 ms

Loss rate: 0.04%

Run 6: Report of Indigo — Data Link

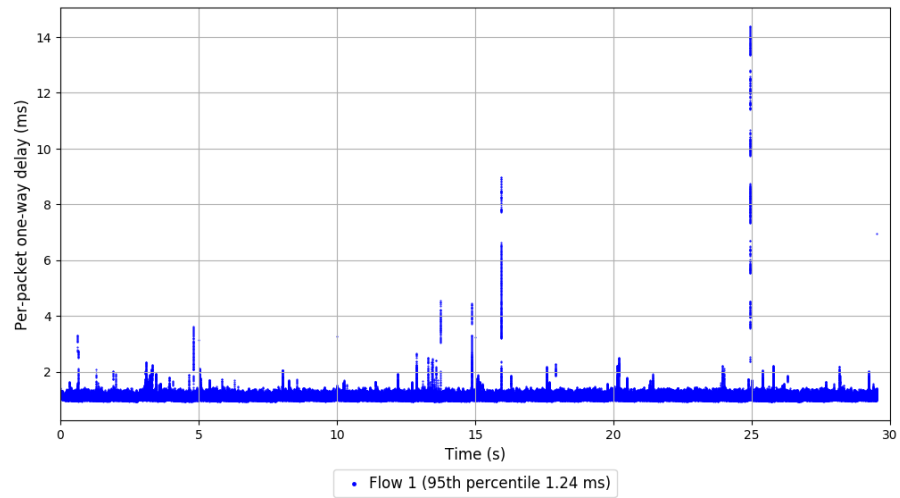
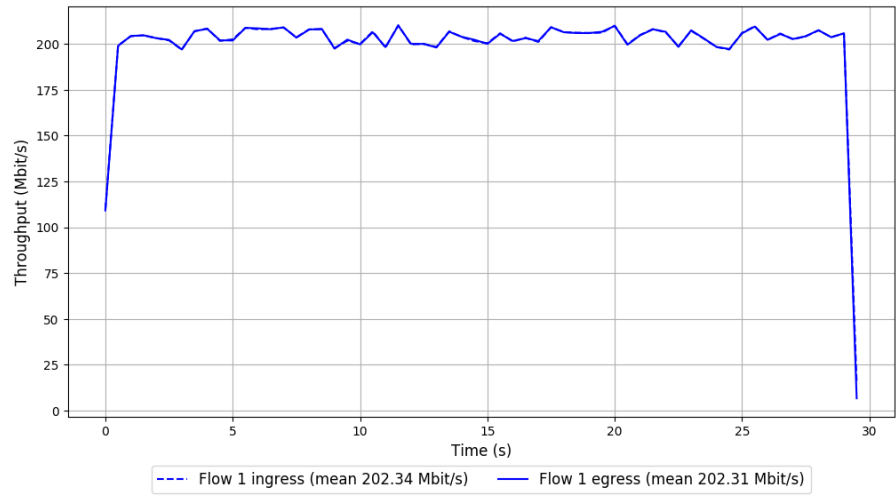


Run 7: Statistics of Indigo

Start at: 2017-09-03 03:10:14
End at: 2017-09-03 03:10:44
Local clock offset: 0.188 ms
Remote clock offset: -1.002 ms

Below is generated by plot.py at 2017-09-03 09:29:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 202.31 Mbit/s
95th percentile per-packet one-way delay: 1.243 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 202.31 Mbit/s
95th percentile per-packet one-way delay: 1.243 ms
Loss rate: 0.07%

Run 7: Report of Indigo — Data Link

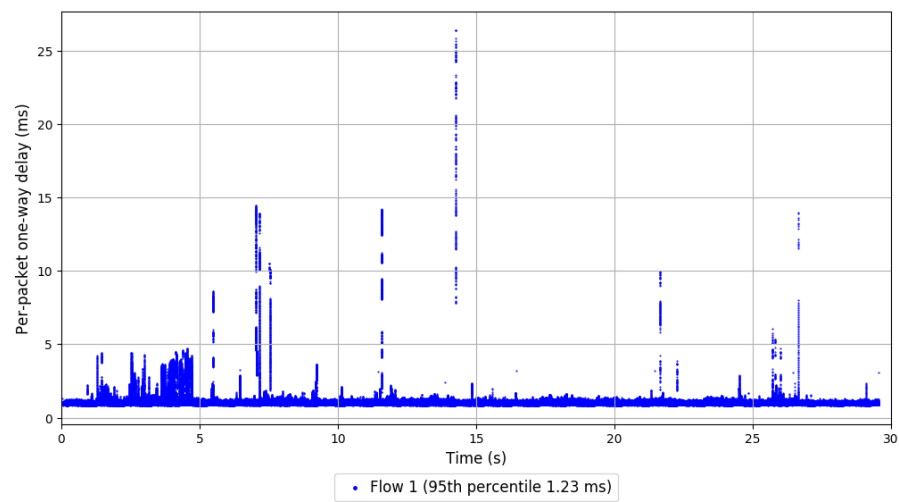
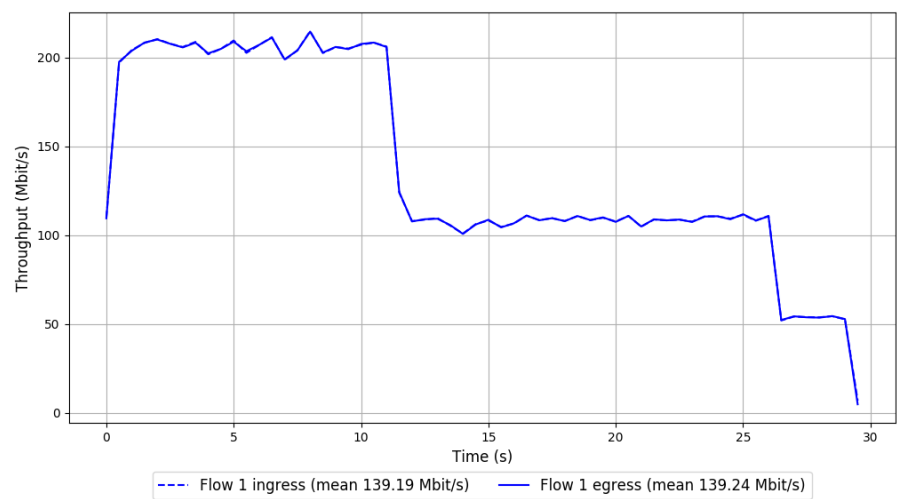


Run 8: Statistics of Indigo

Start at: 2017-09-03 03:30:58
End at: 2017-09-03 03:31:28
Local clock offset: -0.219 ms
Remote clock offset: -1.046 ms

Below is generated by plot.py at 2017-09-03 09:29:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 139.24 Mbit/s
95th percentile per-packet one-way delay: 1.232 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 139.24 Mbit/s
95th percentile per-packet one-way delay: 1.232 ms
Loss rate: 0.03%

Run 8: Report of Indigo — Data Link

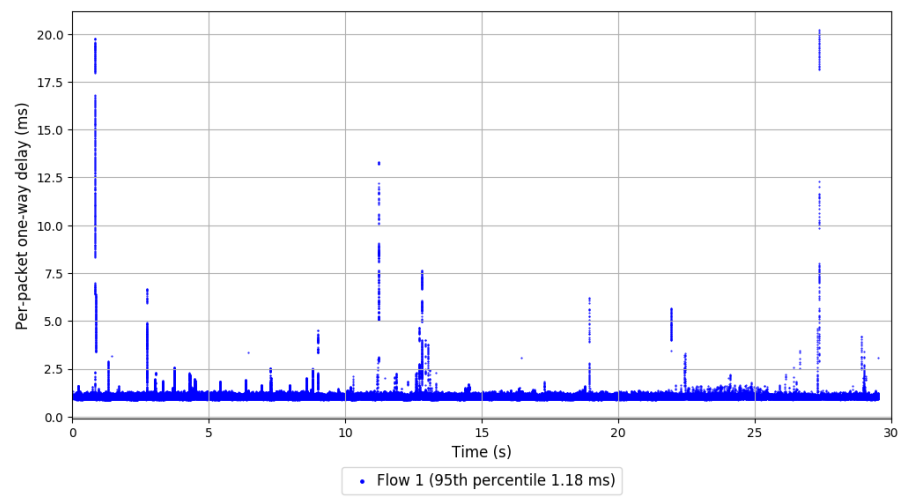
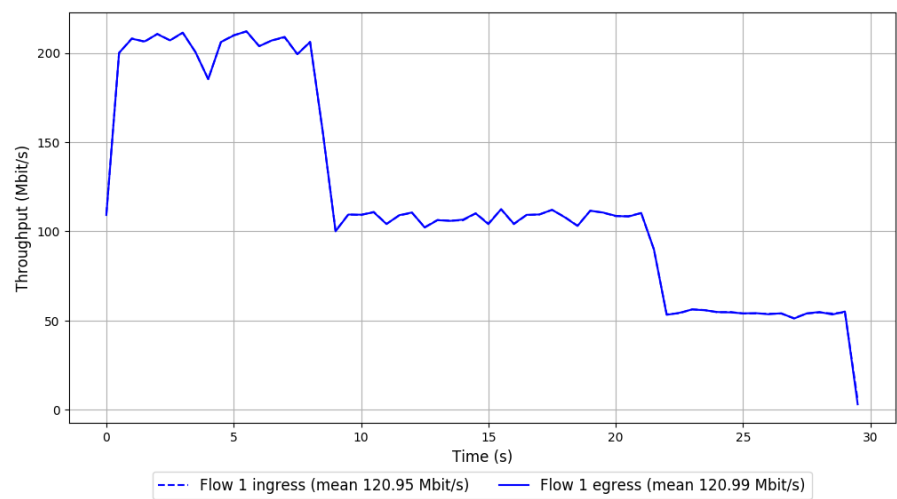


Run 9: Statistics of Indigo

Start at: 2017-09-03 03:51:37
End at: 2017-09-03 03:52:07
Local clock offset: -0.569 ms
Remote clock offset: -1.131 ms

Below is generated by plot.py at 2017-09-03 09:30:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 120.99 Mbit/s
95th percentile per-packet one-way delay: 1.175 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 120.99 Mbit/s
95th percentile per-packet one-way delay: 1.175 ms
Loss rate: 0.03%

Run 9: Report of Indigo — Data Link



Run 10: Statistics of Indigo

Start at: 2017-09-03 04:12:13

End at: 2017-09-03 04:12:43

Local clock offset: -0.541 ms

Remote clock offset: -1.109 ms

Below is generated by plot.py at 2017-09-03 09:30:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 109.00 Mbit/s

95th percentile per-packet one-way delay: 1.349 ms

Loss rate: 0.03%

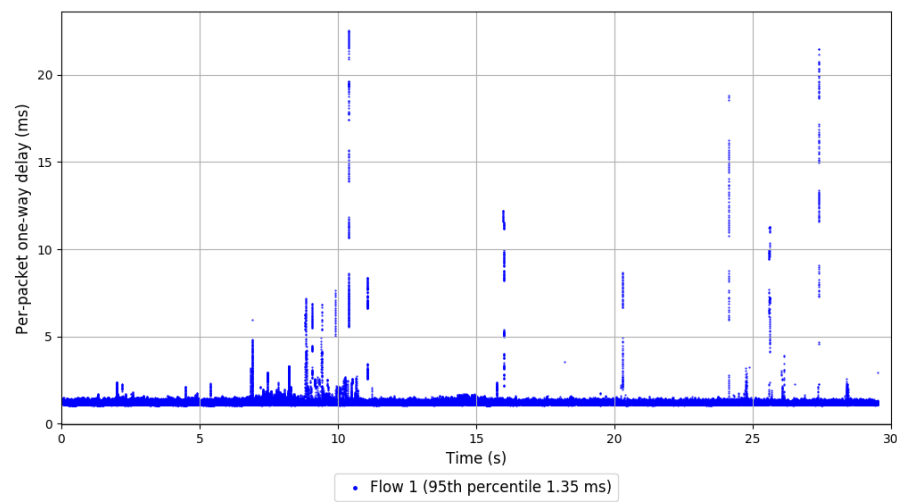
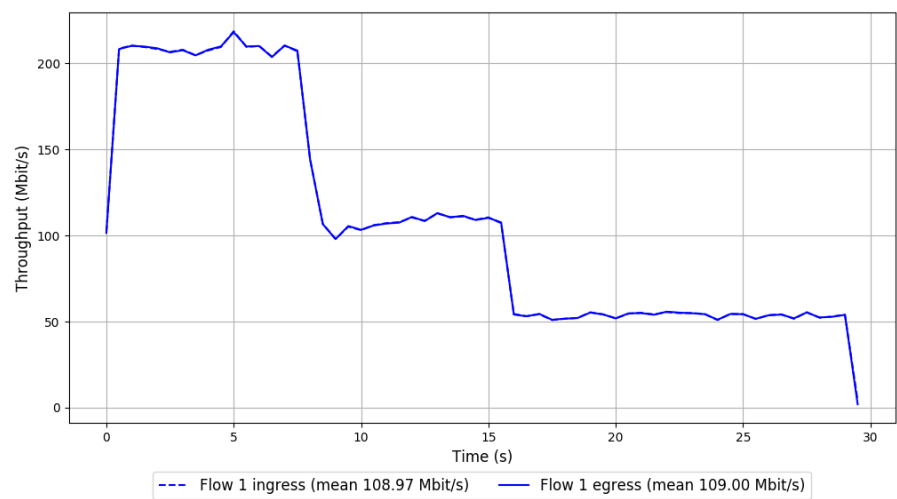
-- Flow 1:

Average throughput: 109.00 Mbit/s

95th percentile per-packet one-way delay: 1.349 ms

Loss rate: 0.03%

Run 10: Report of Indigo — Data Link

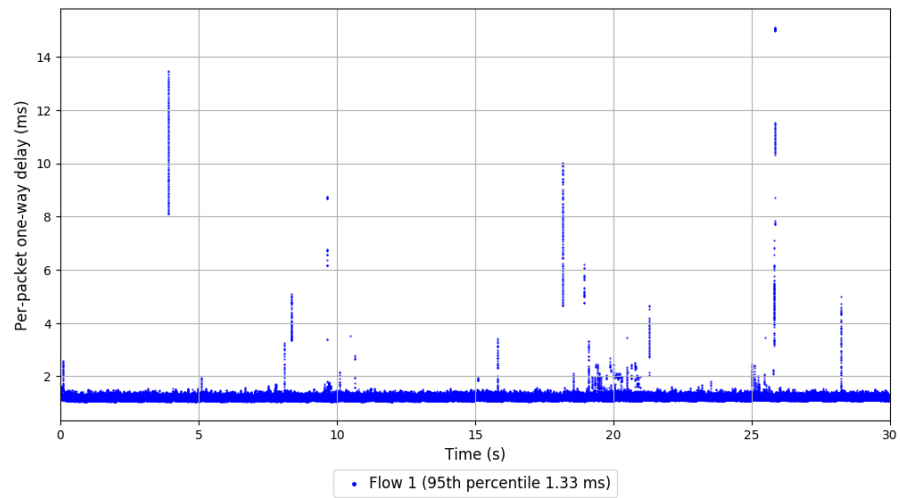
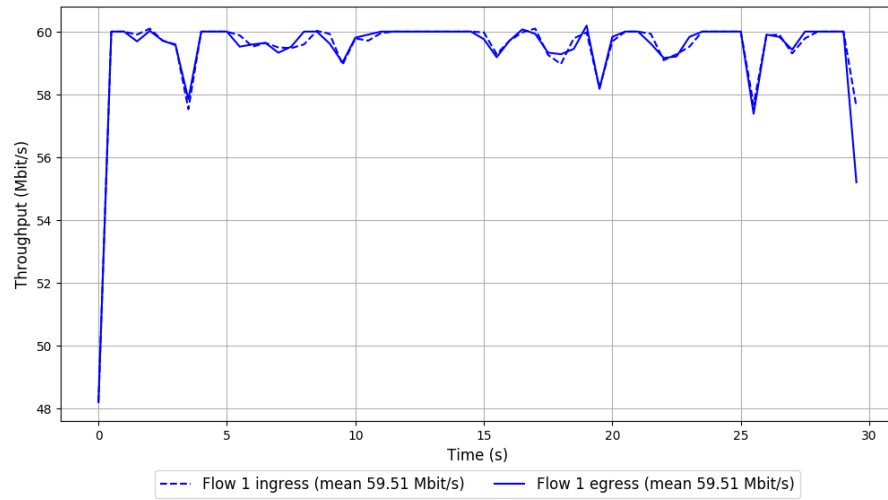


```
Run 1: Statistics of KohoCC

Start at: 2017-09-03 00:59:22
End at: 2017-09-03 00:59:52
Local clock offset: 2.493 ms
Remote clock offset: -3.253 ms

# Below is generated by plot.py at 2017-09-03 09:30:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 59.51 Mbit/s
95th percentile per-packet one-way delay: 1.335 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 59.51 Mbit/s
95th percentile per-packet one-way delay: 1.335 ms
Loss rate: 0.07%
```

Run 1: Report of KohoCC — Data Link



Run 2: Statistics of KohoCC

Start at: 2017-09-03 01:19:53

End at: 2017-09-03 01:20:23

Local clock offset: 2.053 ms

Remote clock offset: -2.874 ms

Below is generated by plot.py at 2017-09-03 09:30:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 59.45 Mbit/s

95th percentile per-packet one-way delay: 1.271 ms

Loss rate: 0.07%

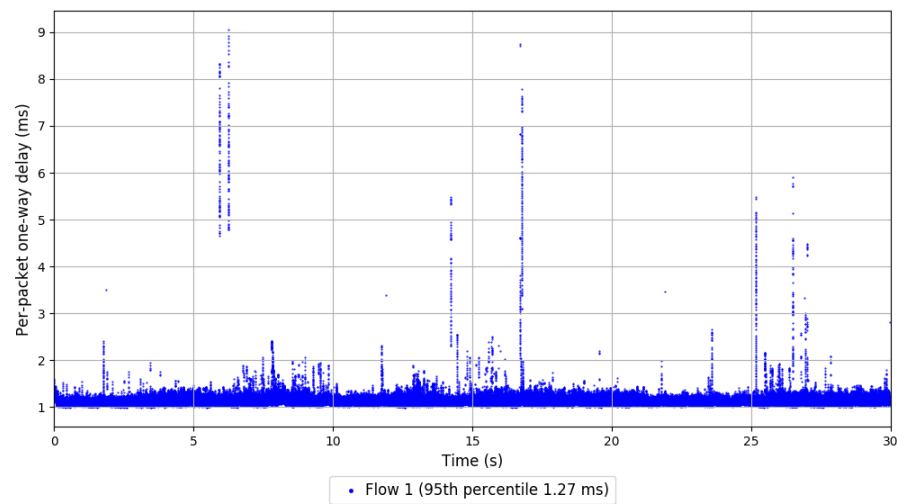
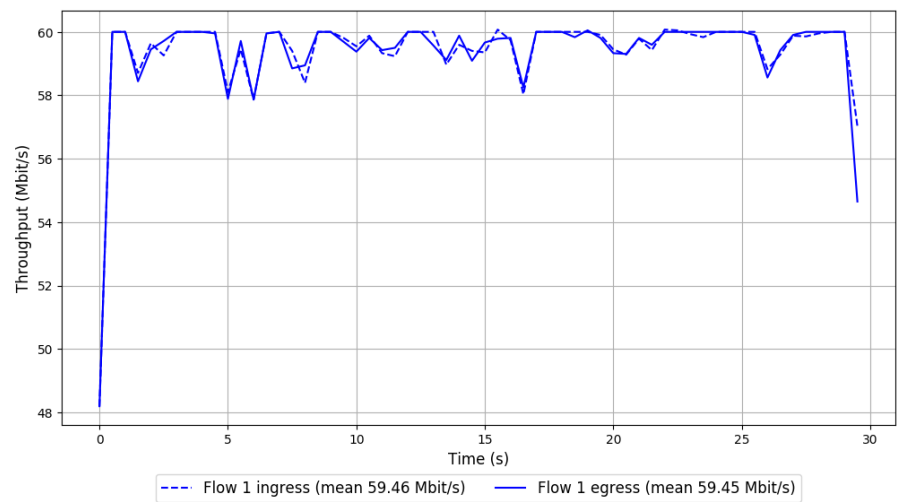
-- Flow 1:

Average throughput: 59.45 Mbit/s

95th percentile per-packet one-way delay: 1.271 ms

Loss rate: 0.07%

Run 2: Report of KohoCC — Data Link

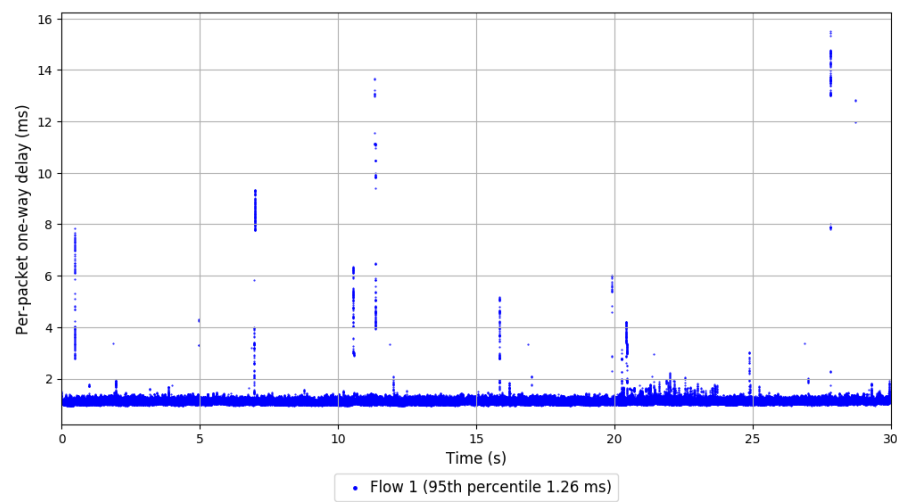
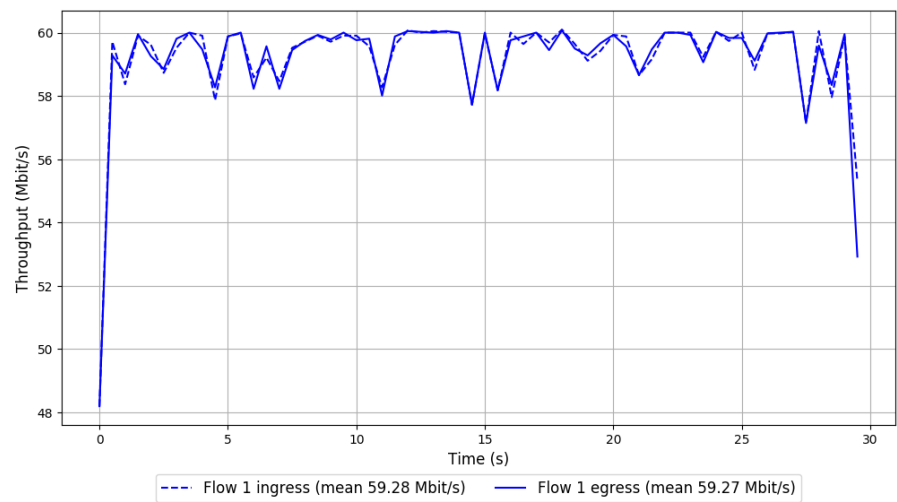


Run 3: Statistics of KohoCC

Start at: 2017-09-03 01:40:39
End at: 2017-09-03 01:41:10
Local clock offset: 1.998 ms
Remote clock offset: -2.434 ms

Below is generated by plot.py at 2017-09-03 09:30:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 59.27 Mbit/s
95th percentile per-packet one-way delay: 1.265 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 59.27 Mbit/s
95th percentile per-packet one-way delay: 1.265 ms
Loss rate: 0.07%

Run 3: Report of KohoCC — Data Link

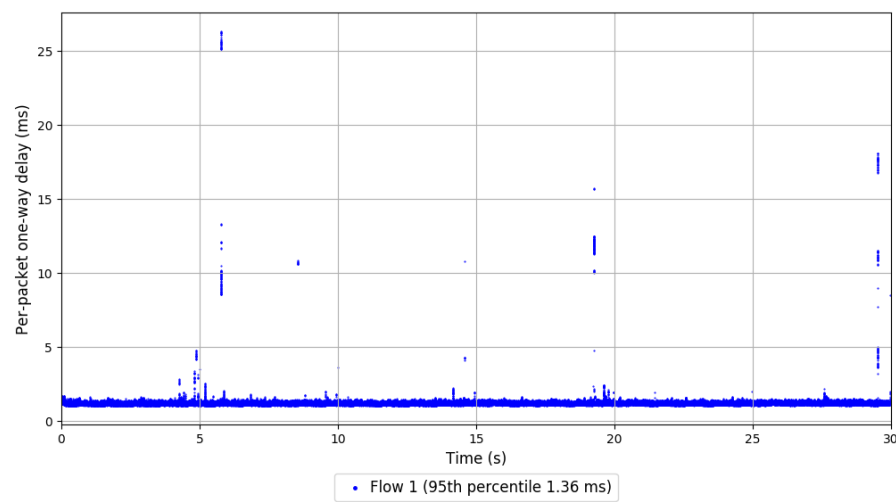
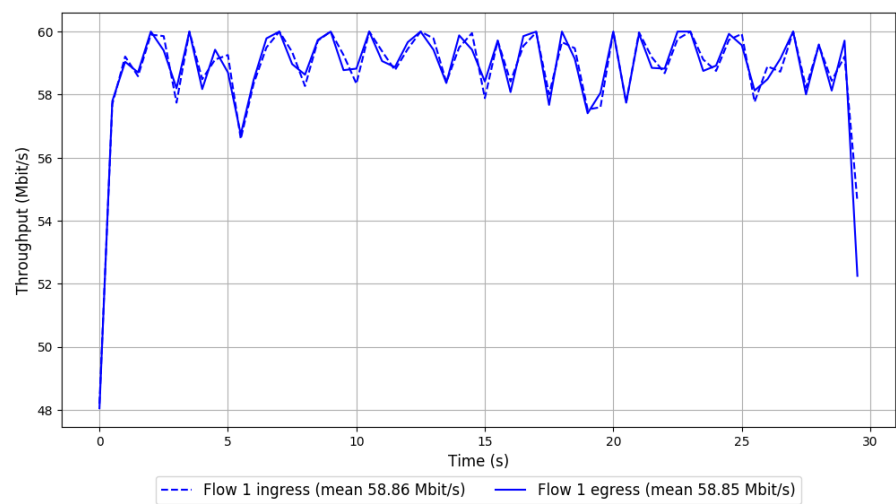


Run 4: Statistics of KohoCC

Start at: 2017-09-03 02:01:26
End at: 2017-09-03 02:01:56
Local clock offset: 1.589 ms
Remote clock offset: -2.154 ms

Below is generated by plot.py at 2017-09-03 09:30:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 58.85 Mbit/s
95th percentile per-packet one-way delay: 1.359 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 58.85 Mbit/s
95th percentile per-packet one-way delay: 1.359 ms
Loss rate: 0.07%

Run 4: Report of KohoCC — Data Link



Run 5: Statistics of KohoCC

Start at: 2017-09-03 02:22:03

End at: 2017-09-03 02:22:33

Local clock offset: 0.971 ms

Remote clock offset: -2.016 ms

Below is generated by plot.py at 2017-09-03 09:30:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 59.31 Mbit/s

95th percentile per-packet one-way delay: 1.272 ms

Loss rate: 0.07%

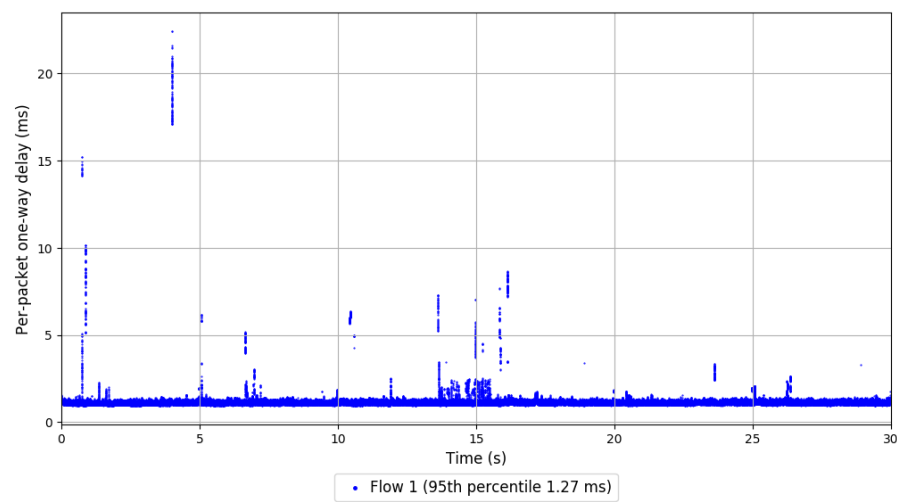
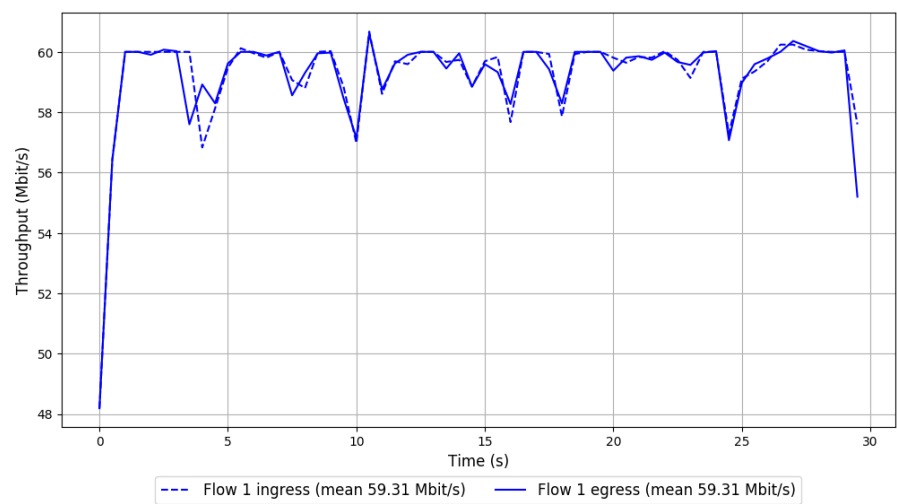
-- Flow 1:

Average throughput: 59.31 Mbit/s

95th percentile per-packet one-way delay: 1.272 ms

Loss rate: 0.07%

Run 5: Report of KohoCC — Data Link



Run 6: Statistics of KohoCC

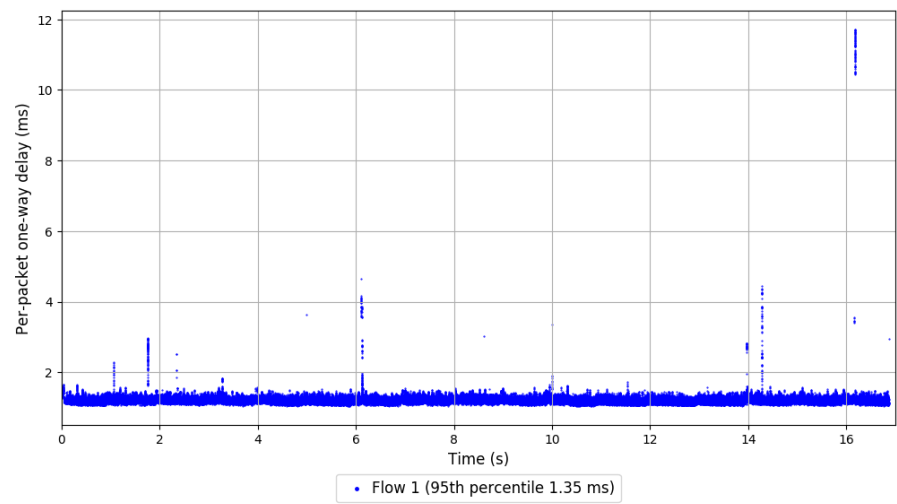
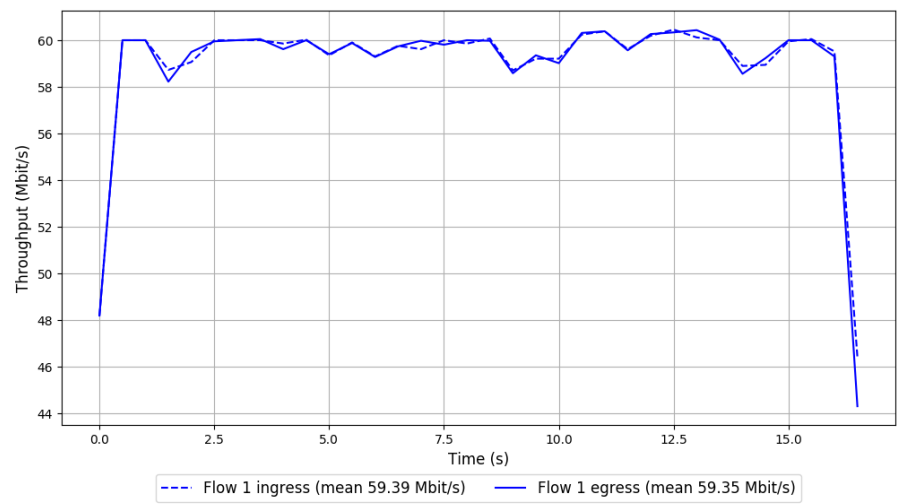
Start at: 2017-09-03 02:42:50

End at: 2017-09-03 02:43:20

Local clock offset: 0.617 ms

Remote clock offset: -1.562 ms

Run 6: Report of KohoCC — Data Link

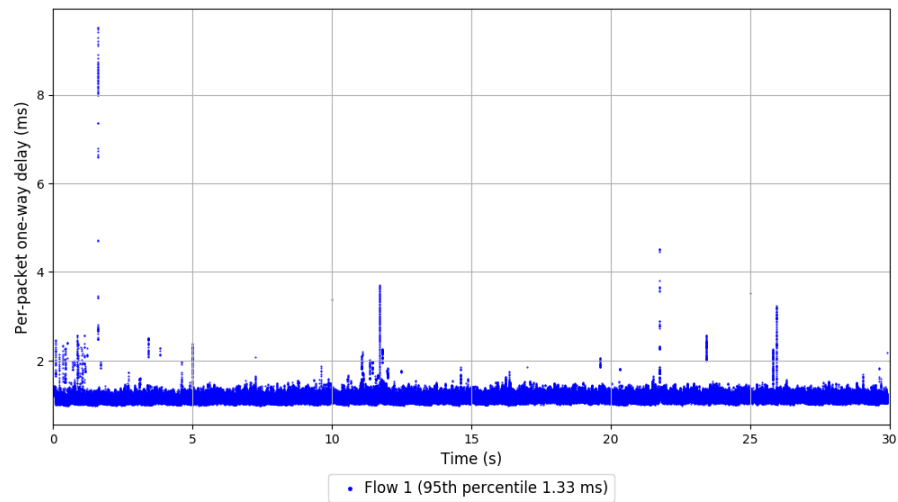
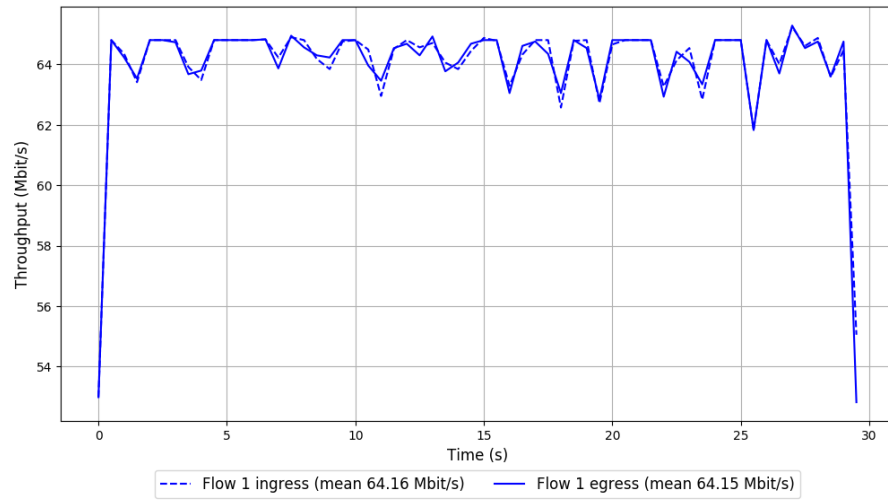


Run 7: Statistics of KohoCC

Start at: 2017-09-03 03:03:18
End at: 2017-09-03 03:03:48
Local clock offset: 0.259 ms
Remote clock offset: -1.095 ms

Below is generated by plot.py at 2017-09-03 09:30:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 64.15 Mbit/s
95th percentile per-packet one-way delay: 1.330 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 64.15 Mbit/s
95th percentile per-packet one-way delay: 1.330 ms
Loss rate: 0.06%

Run 7: Report of KohoCC — Data Link

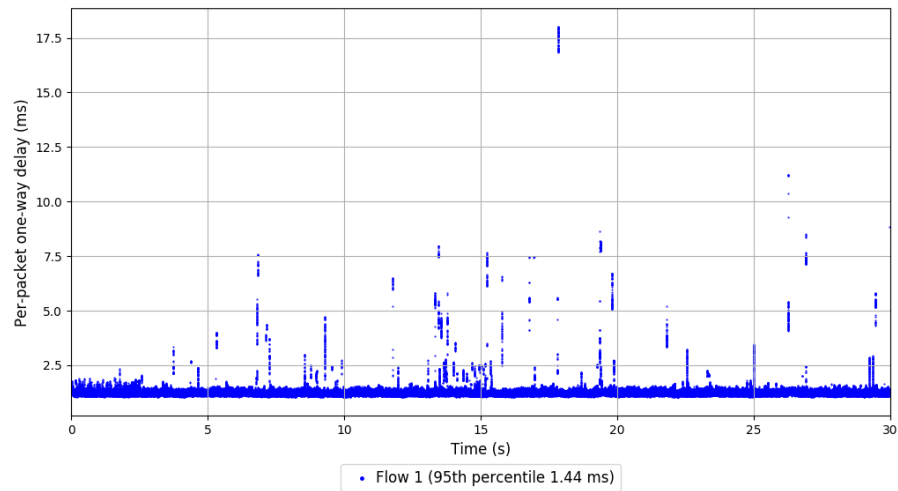
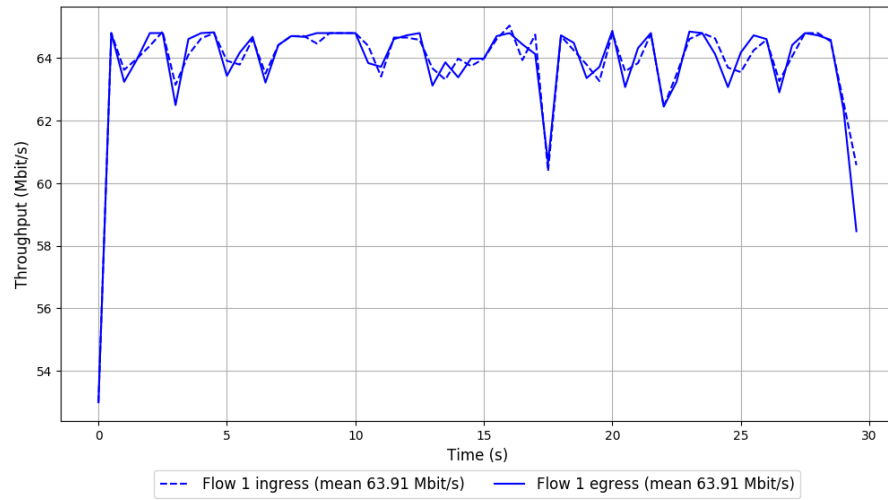


Run 8: Statistics of KohoCC

Start at: 2017-09-03 03:24:00
End at: 2017-09-03 03:24:30
Local clock offset: 0.005 ms
Remote clock offset: -1.063 ms

Below is generated by plot.py at 2017-09-03 09:30:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 63.91 Mbit/s
95th percentile per-packet one-way delay: 1.439 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 63.91 Mbit/s
95th percentile per-packet one-way delay: 1.439 ms
Loss rate: 0.06%

Run 8: Report of KohoCC — Data Link

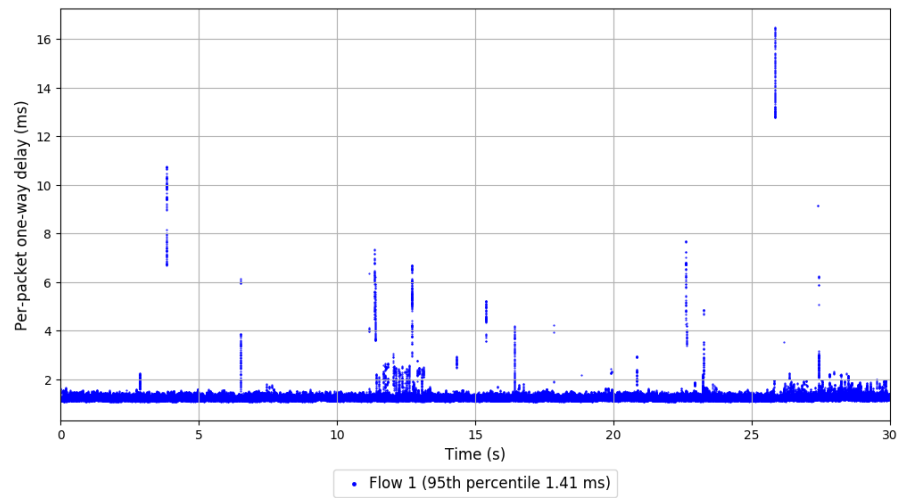
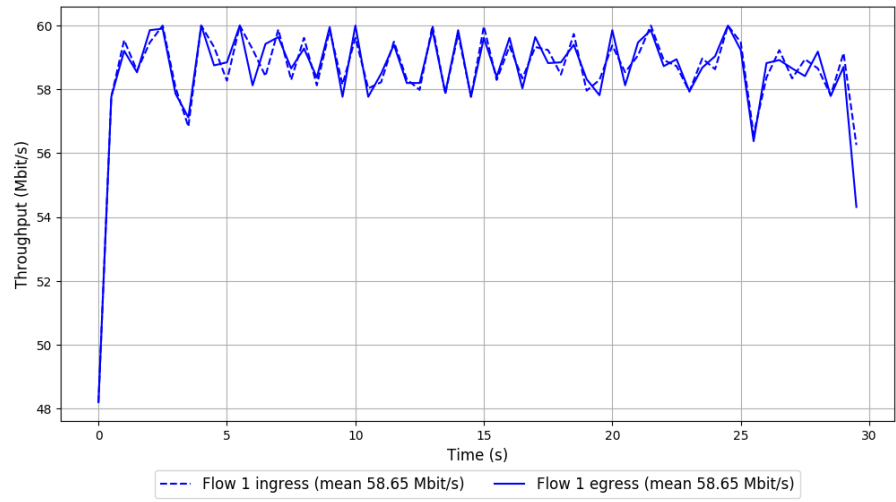


Run 9: Statistics of KohoCC

Start at: 2017-09-03 03:44:34
End at: 2017-09-03 03:45:04
Local clock offset: -0.296 ms
Remote clock offset: -1.194 ms

Below is generated by plot.py at 2017-09-03 09:30:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 58.65 Mbit/s
95th percentile per-packet one-way delay: 1.407 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 58.65 Mbit/s
95th percentile per-packet one-way delay: 1.407 ms
Loss rate: 0.07%

Run 9: Report of KohoCC — Data Link



Run 10: Statistics of KohoCC

Start at: 2017-09-03 04:05:16

End at: 2017-09-03 04:05:46

Local clock offset: -0.622 ms

Remote clock offset: -0.997 ms

Below is generated by plot.py at 2017-09-03 09:30:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 59.30 Mbit/s

95th percentile per-packet one-way delay: 1.244 ms

Loss rate: 0.07%

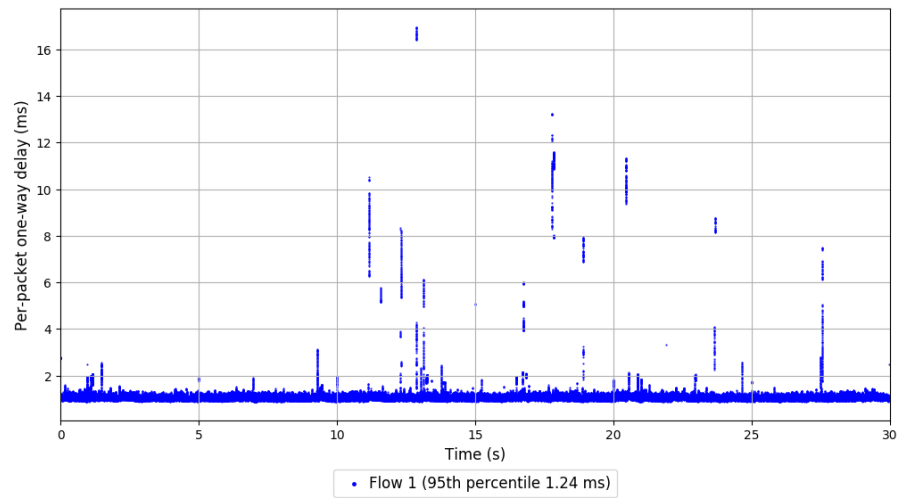
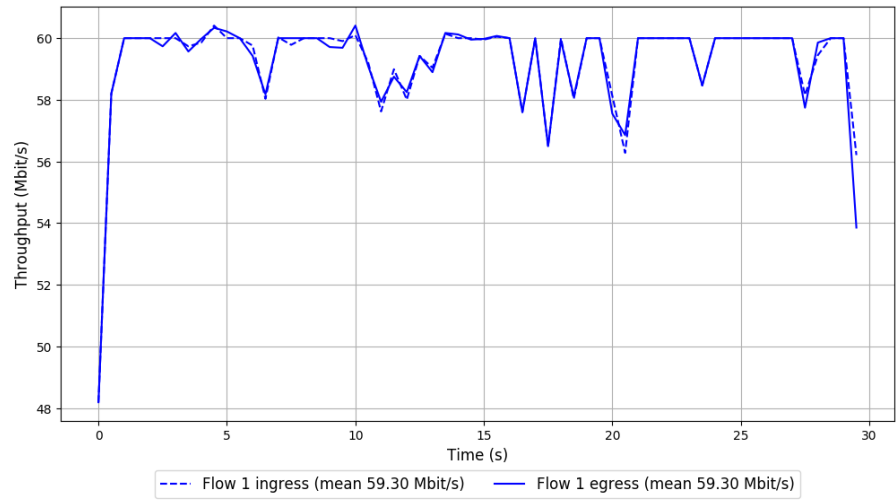
-- Flow 1:

Average throughput: 59.30 Mbit/s

95th percentile per-packet one-way delay: 1.244 ms

Loss rate: 0.07%

Run 10: Report of KohoCC — Data Link

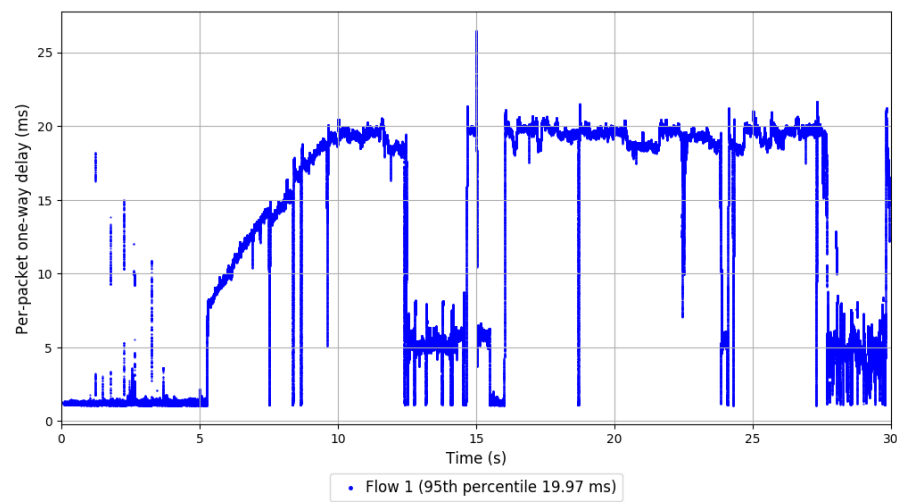
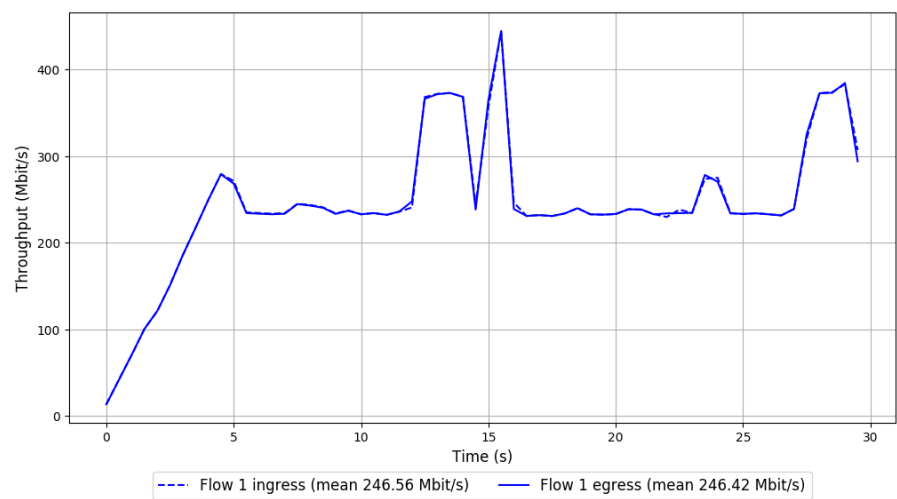


```
Run 1: Statistics of LEDBAT

Start at: 2017-09-03 01:02:06
End at: 2017-09-03 01:02:36
Local clock offset: 2.427 ms
Remote clock offset: -3.138 ms

# Below is generated by plot.py at 2017-09-03 09:31:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 246.42 Mbit/s
95th percentile per-packet one-way delay: 19.974 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 246.42 Mbit/s
95th percentile per-packet one-way delay: 19.974 ms
Loss rate: 0.11%
```


Run 1: Report of LEDBAT — Data Link

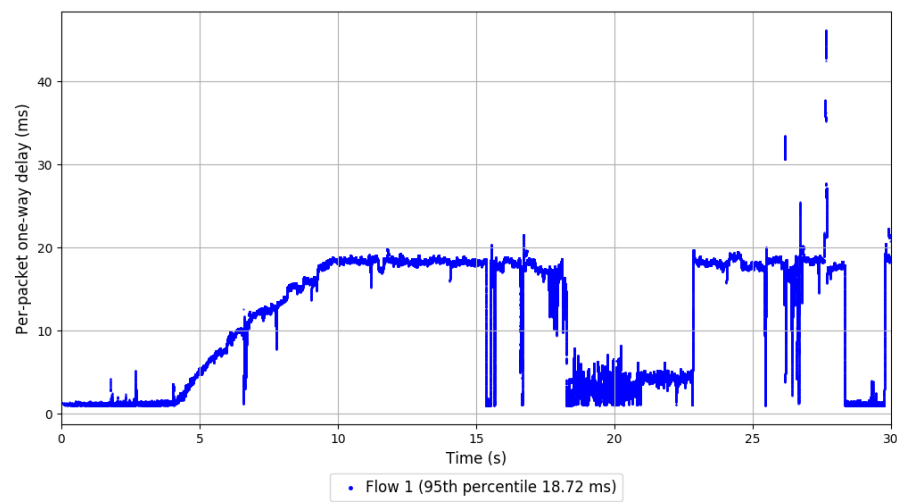
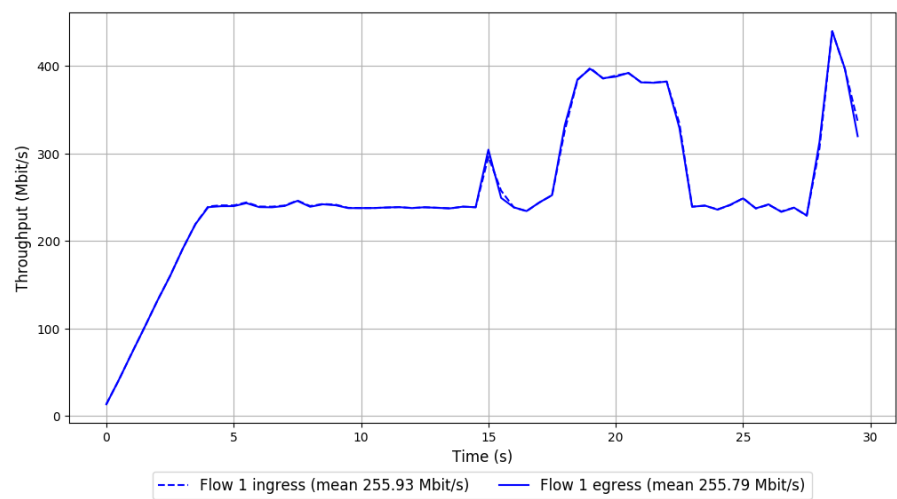


Run 2: Statistics of LEDBAT

Start at: 2017-09-03 01:22:42
End at: 2017-09-03 01:23:12
Local clock offset: 2.052 ms
Remote clock offset: -2.846 ms

Below is generated by plot.py at 2017-09-03 09:31:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 255.79 Mbit/s
95th percentile per-packet one-way delay: 18.723 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 255.79 Mbit/s
95th percentile per-packet one-way delay: 18.723 ms
Loss rate: 0.12%

Run 2: Report of LEDBAT — Data Link

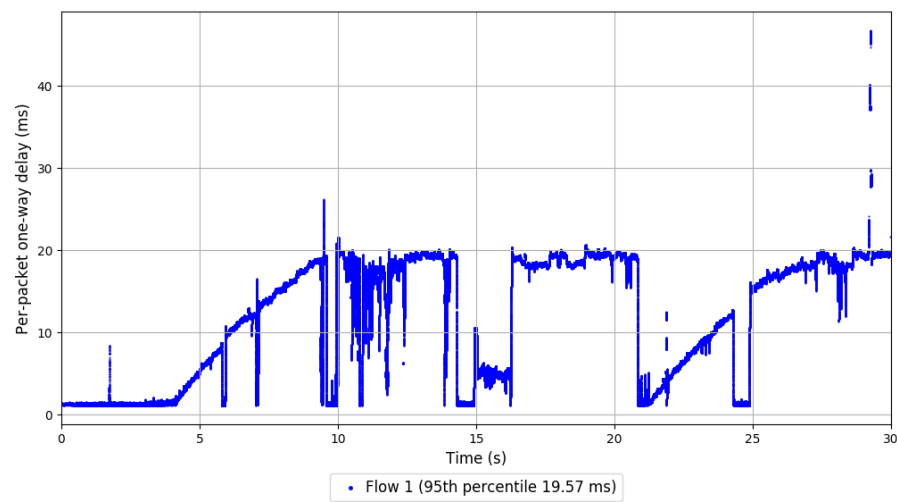
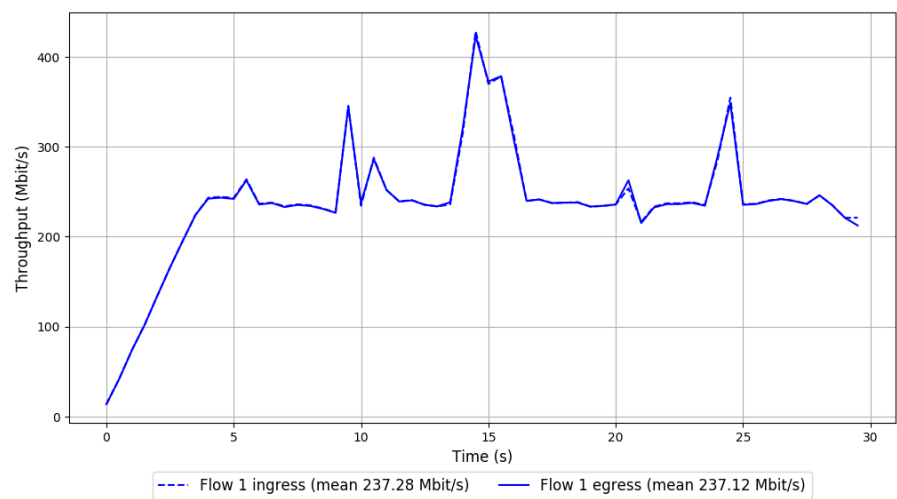


Run 3: Statistics of LEDBAT

Start at: 2017-09-03 01:43:28
End at: 2017-09-03 01:43:58
Local clock offset: 1.945 ms
Remote clock offset: -2.526 ms

Below is generated by plot.py at 2017-09-03 09:32:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 237.12 Mbit/s
95th percentile per-packet one-way delay: 19.575 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 237.12 Mbit/s
95th percentile per-packet one-way delay: 19.575 ms
Loss rate: 0.12%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: 2017-09-03 02:04:11

End at: 2017-09-03 02:04:41

Local clock offset: 1.518 ms

Remote clock offset: -2.06 ms

Below is generated by plot.py at 2017-09-03 09:32:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 253.74 Mbit/s

95th percentile per-packet one-way delay: 18.287 ms

Loss rate: 0.12%

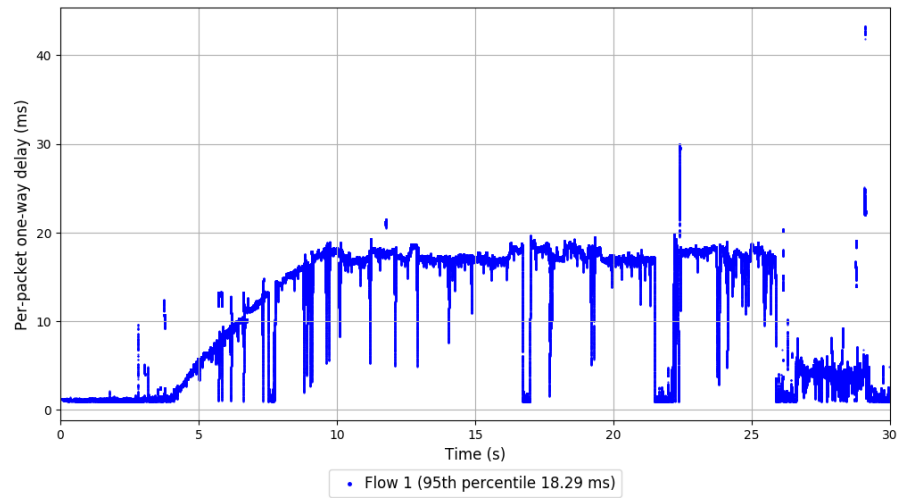
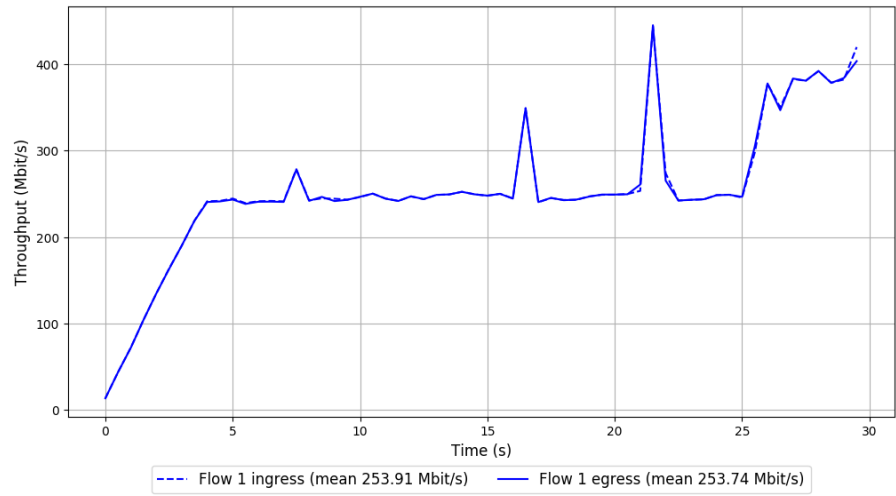
-- Flow 1:

Average throughput: 253.74 Mbit/s

95th percentile per-packet one-way delay: 18.287 ms

Loss rate: 0.12%

Run 4: Report of LEDBAT — Data Link

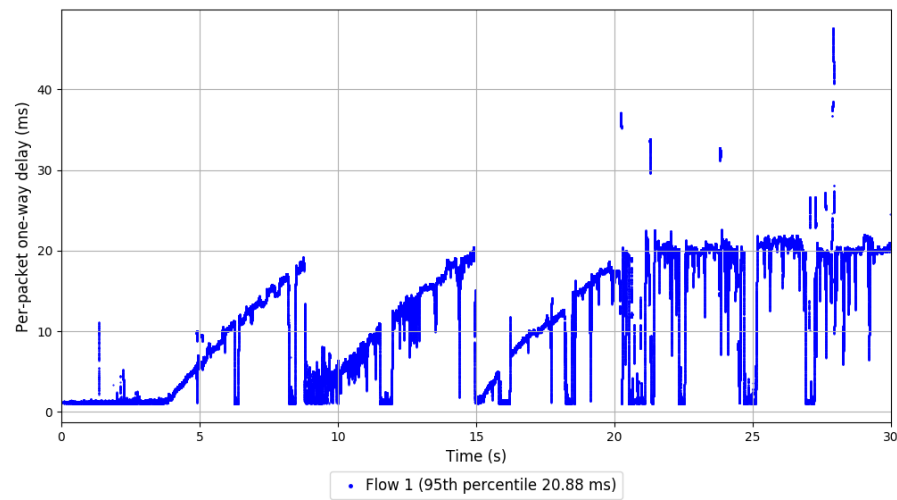
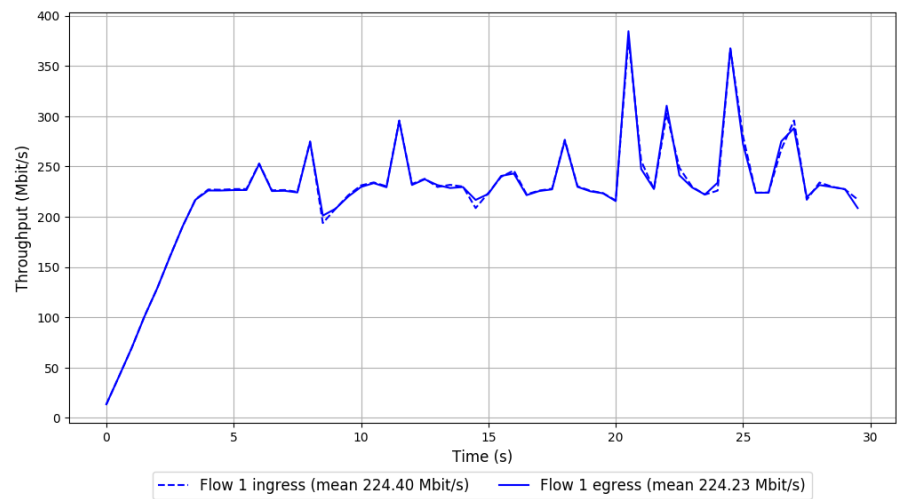


Run 5: Statistics of LEDBAT

Start at: 2017-09-03 02:24:51
End at: 2017-09-03 02:25:21
Local clock offset: 1.014 ms
Remote clock offset: -1.921 ms

Below is generated by plot.py at 2017-09-03 09:32:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 224.23 Mbit/s
95th percentile per-packet one-way delay: 20.880 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 224.23 Mbit/s
95th percentile per-packet one-way delay: 20.880 ms
Loss rate: 0.13%

Run 5: Report of LEDBAT — Data Link

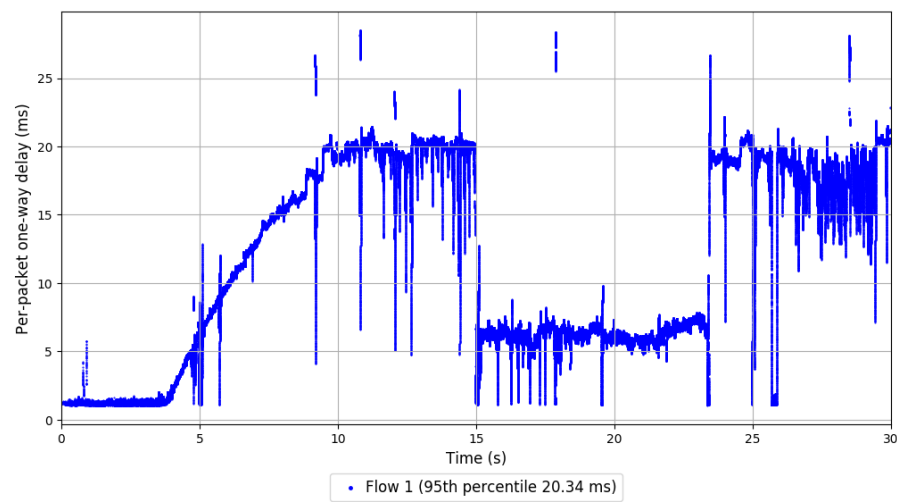
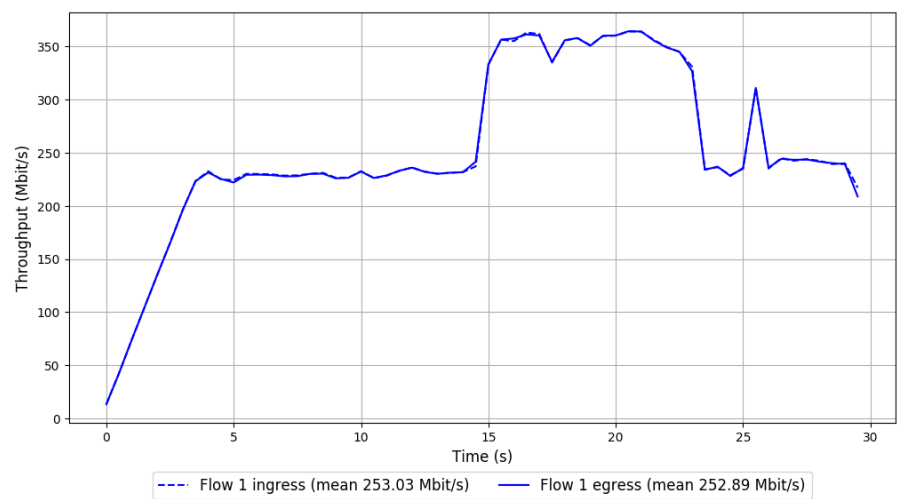


Run 6: Statistics of LEDBAT

Start at: 2017-09-03 02:45:34
End at: 2017-09-03 02:46:04
Local clock offset: 0.54 ms
Remote clock offset: -1.534 ms

Below is generated by plot.py at 2017-09-03 09:32:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 252.89 Mbit/s
95th percentile per-packet one-way delay: 20.343 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 252.89 Mbit/s
95th percentile per-packet one-way delay: 20.343 ms
Loss rate: 0.12%

Run 6: Report of LEDBAT — Data Link

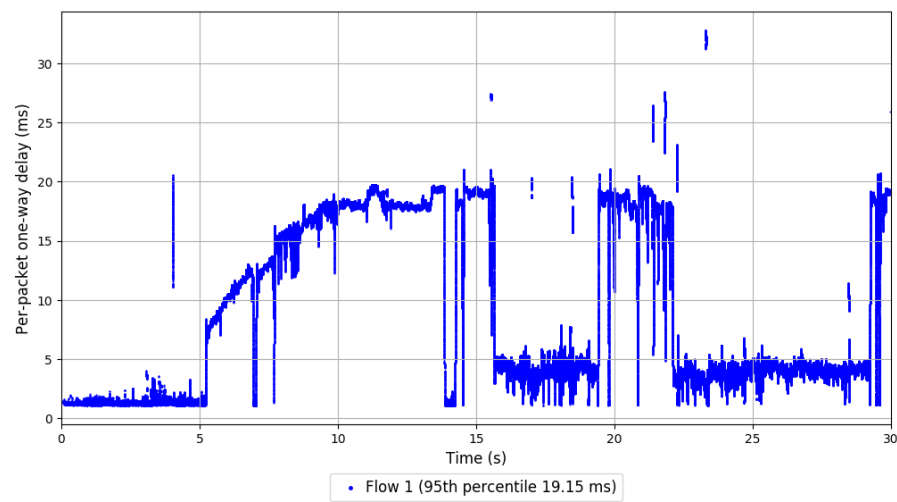
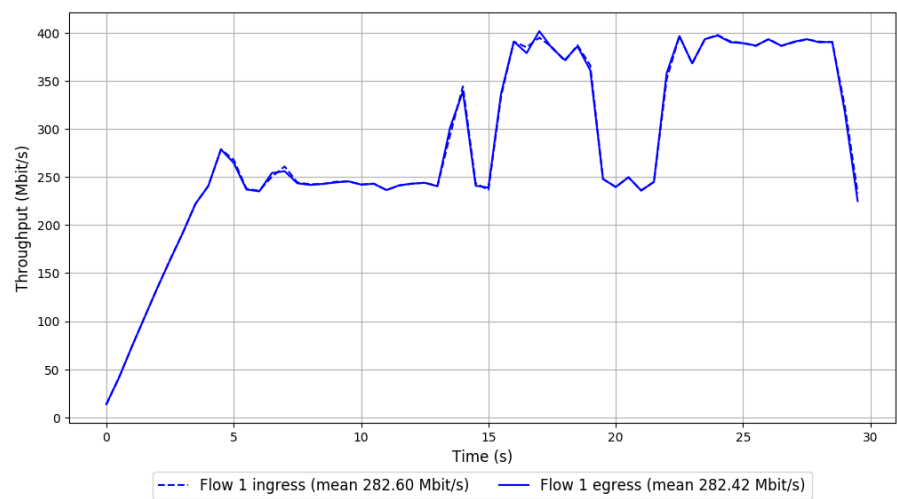


Run 7: Statistics of LEDBAT

Start at: 2017-09-03 03:06:01
End at: 2017-09-03 03:06:31
Local clock offset: 0.252 ms
Remote clock offset: -1.104 ms

Below is generated by plot.py at 2017-09-03 09:33:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 282.42 Mbit/s
95th percentile per-packet one-way delay: 19.146 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 282.42 Mbit/s
95th percentile per-packet one-way delay: 19.146 ms
Loss rate: 0.10%

Run 7: Report of LEDBAT — Data Link

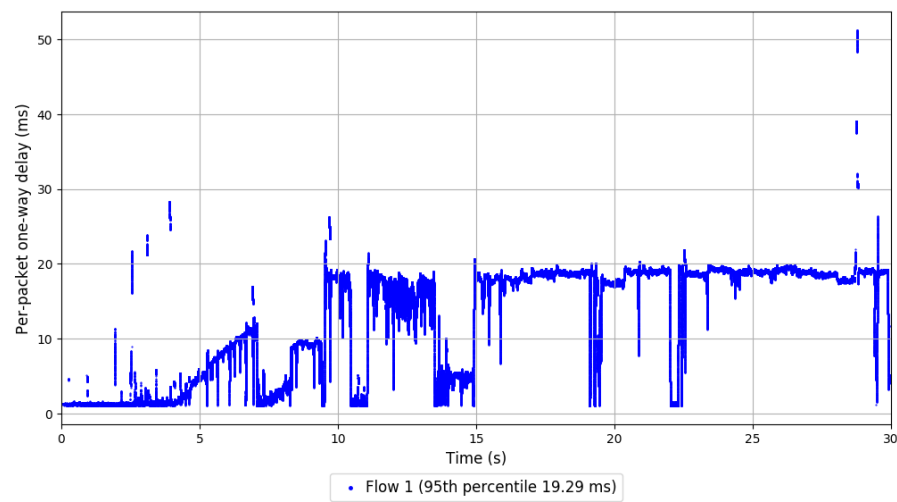
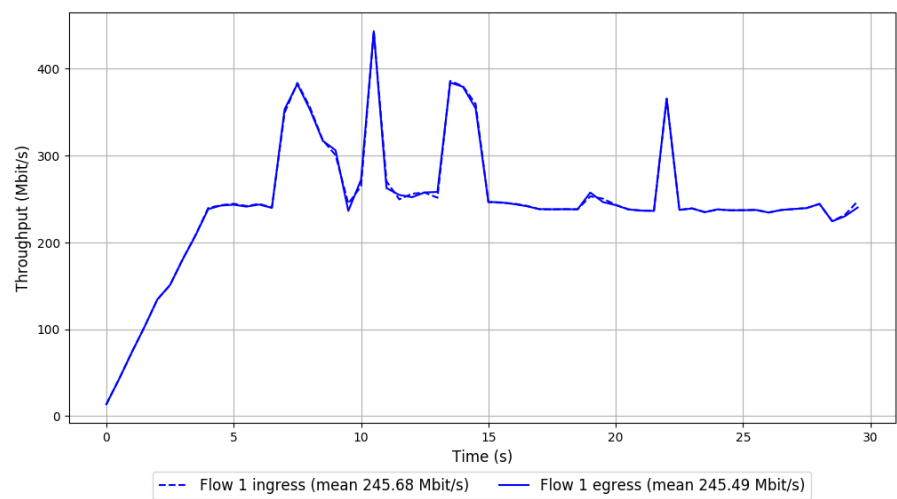


Run 8: Statistics of LEDBAT

Start at: 2017-09-03 03:26:49
End at: 2017-09-03 03:27:19
Local clock offset: -0.009 ms
Remote clock offset: -1.111 ms

Below is generated by plot.py at 2017-09-03 09:33:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 245.49 Mbit/s
95th percentile per-packet one-way delay: 19.289 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 245.49 Mbit/s
95th percentile per-packet one-way delay: 19.289 ms
Loss rate: 0.12%

Run 8: Report of LEDBAT — Data Link

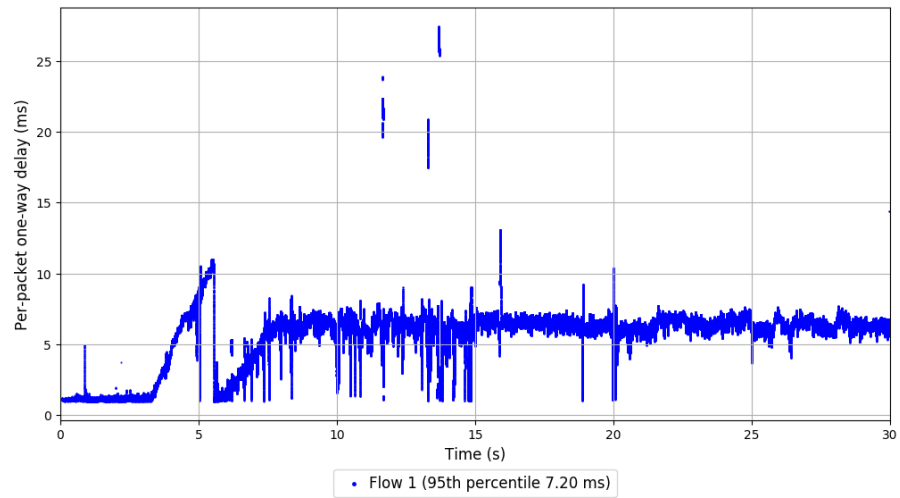
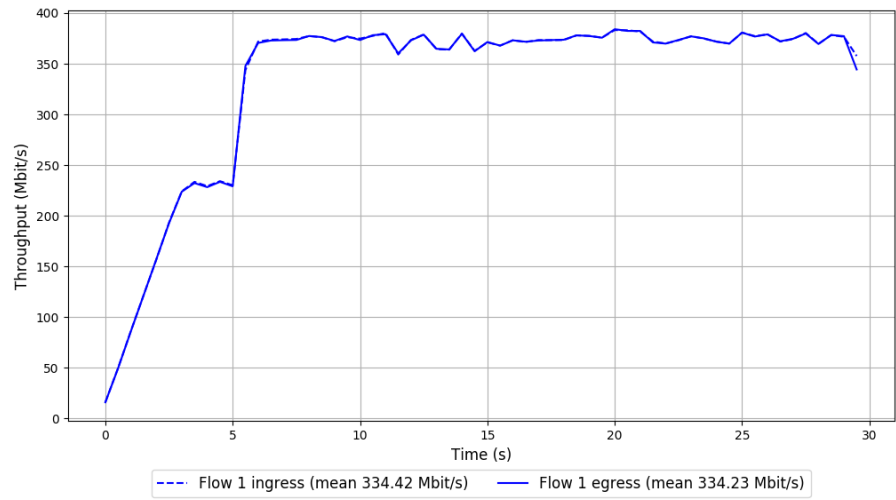


Run 9: Statistics of LEDBAT

Start at: 2017-09-03 03:47:20
End at: 2017-09-03 03:47:50
Local clock offset: -0.474 ms
Remote clock offset: -1.209 ms

Below is generated by plot.py at 2017-09-03 09:33:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 334.23 Mbit/s
95th percentile per-packet one-way delay: 7.195 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 334.23 Mbit/s
95th percentile per-packet one-way delay: 7.195 ms
Loss rate: 0.09%

Run 9: Report of LEDBAT — Data Link

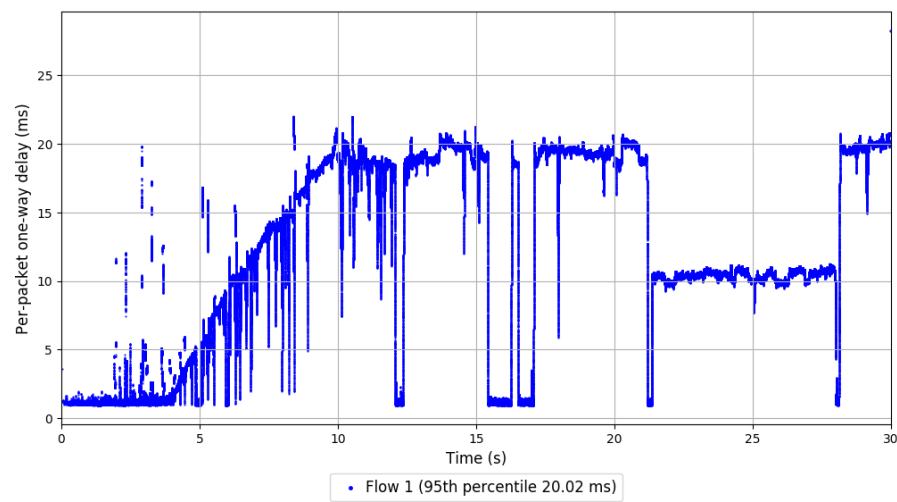
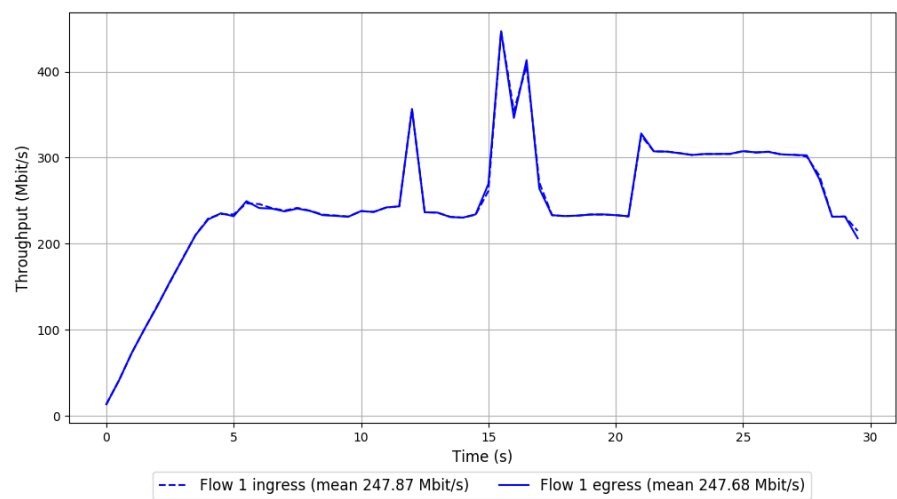


Run 10: Statistics of LEDBAT

Start at: 2017-09-03 04:08:02
End at: 2017-09-03 04:08:32
Local clock offset: -0.557 ms
Remote clock offset: -1.007 ms

Below is generated by plot.py at 2017-09-03 09:33:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 247.68 Mbit/s
95th percentile per-packet one-way delay: 20.018 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 247.68 Mbit/s
95th percentile per-packet one-way delay: 20.018 ms
Loss rate: 0.12%

Run 10: Report of LEDBAT — Data Link

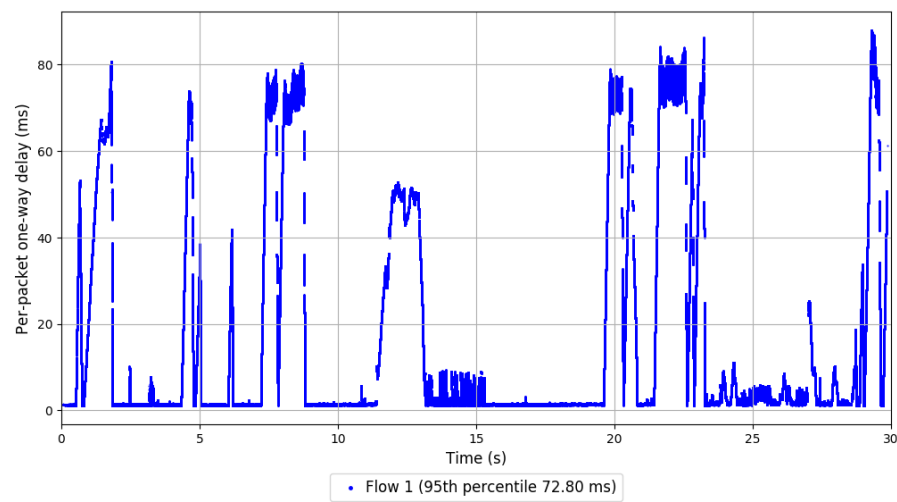
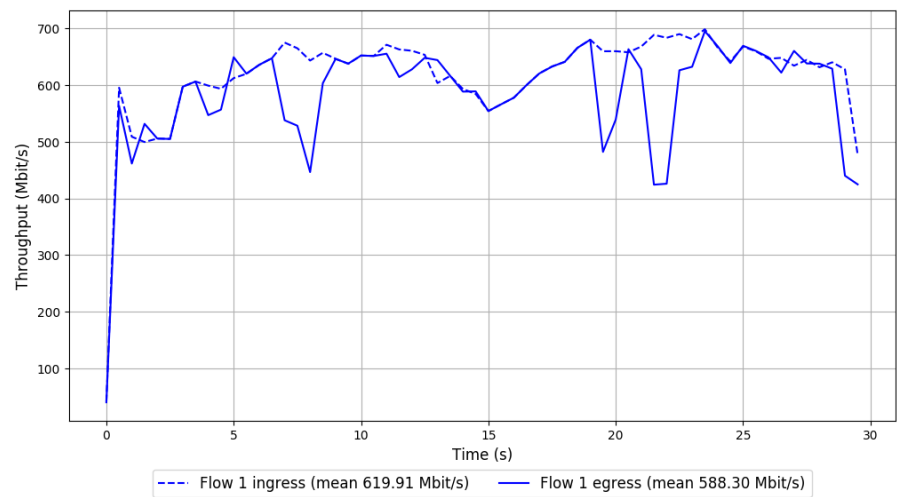


```
Run 1: Statistics of PCC

Start at: 2017-09-03 01:00:35
End at: 2017-09-03 01:01:06
Local clock offset: 2.466 ms
Remote clock offset: -3.228 ms

# Below is generated by plot.py at 2017-09-03 09:35:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 588.30 Mbit/s
95th percentile per-packet one-way delay: 72.802 ms
Loss rate: 5.14%
-- Flow 1:
Average throughput: 588.30 Mbit/s
95th percentile per-packet one-way delay: 72.802 ms
Loss rate: 5.14%
```

Run 1: Report of PCC — Data Link

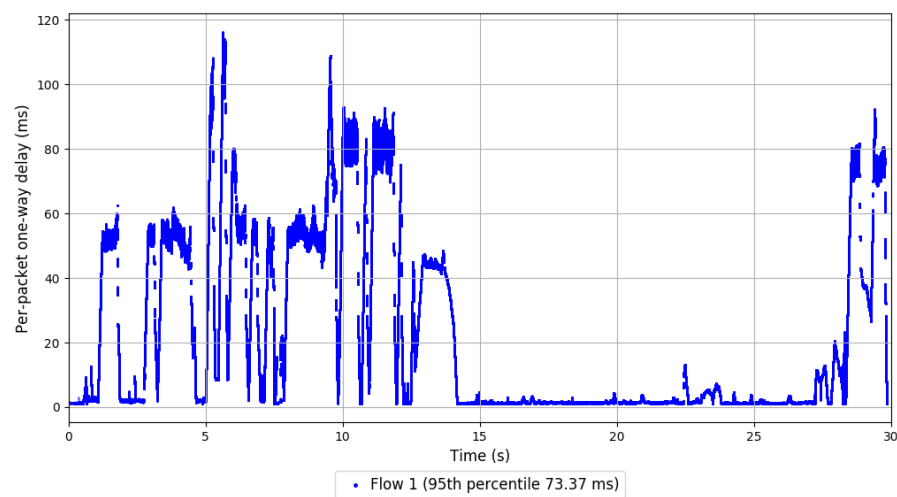
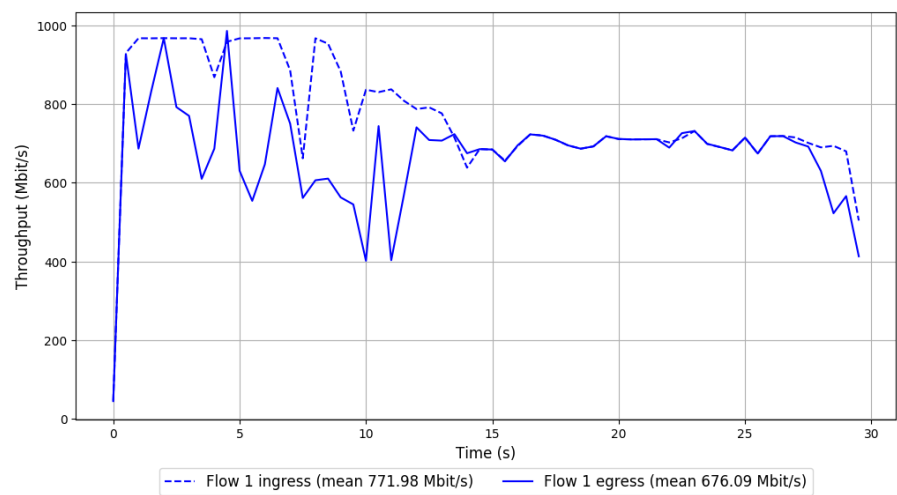


Run 2: Statistics of PCC

Start at: 2017-09-03 01:21:07
End at: 2017-09-03 01:21:37
Local clock offset: 2.14 ms
Remote clock offset: -2.785 ms

Below is generated by plot.py at 2017-09-03 09:35:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 676.09 Mbit/s
95th percentile per-packet one-way delay: 73.370 ms
Loss rate: 12.48%
-- Flow 1:
Average throughput: 676.09 Mbit/s
95th percentile per-packet one-way delay: 73.370 ms
Loss rate: 12.48%

Run 2: Report of PCC — Data Link

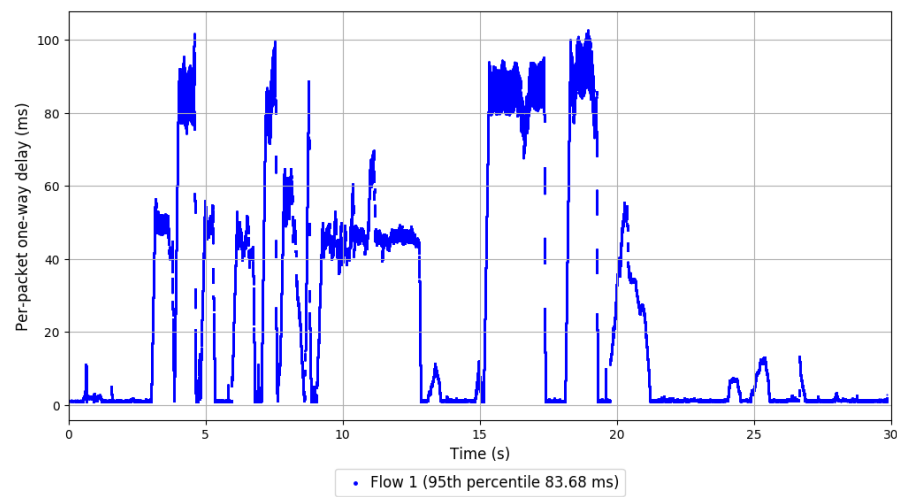
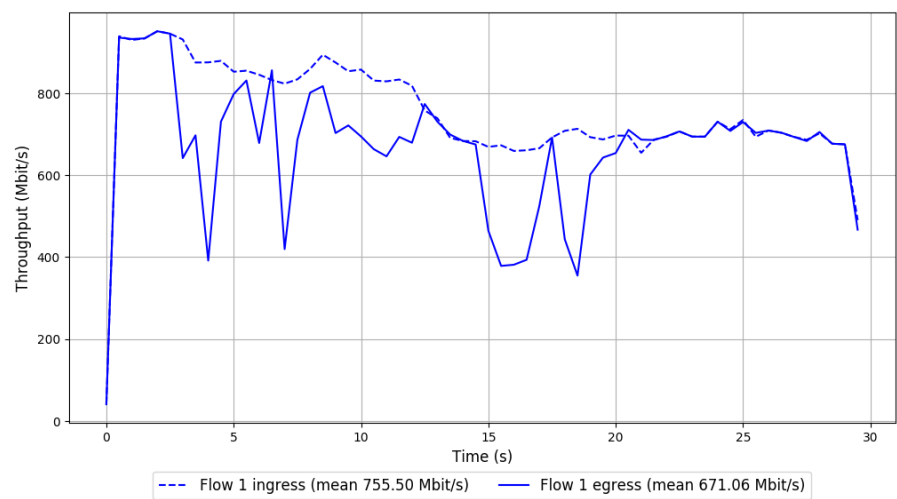


Run 3: Statistics of PCC

Start at: 2017-09-03 01:41:53
End at: 2017-09-03 01:42:24
Local clock offset: 1.922 ms
Remote clock offset: -2.537 ms

Below is generated by plot.py at 2017-09-03 09:36:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 671.06 Mbit/s
95th percentile per-packet one-way delay: 83.681 ms
Loss rate: 11.23%
-- Flow 1:
Average throughput: 671.06 Mbit/s
95th percentile per-packet one-way delay: 83.681 ms
Loss rate: 11.23%

Run 3: Report of PCC — Data Link

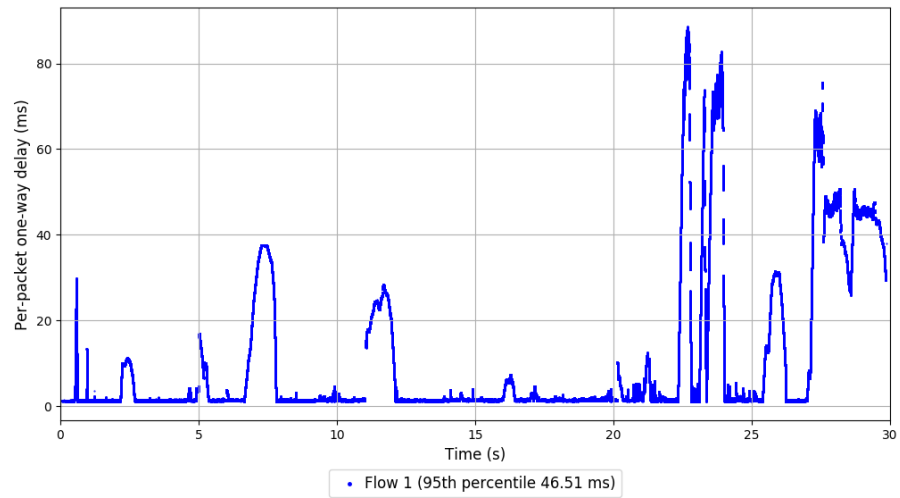
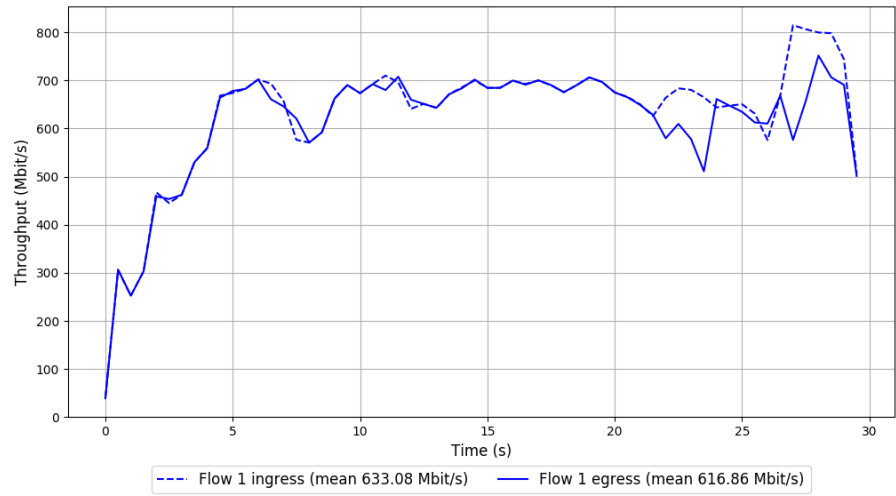


Run 4: Statistics of PCC

Start at: 2017-09-03 02:02:39
End at: 2017-09-03 02:03:09
Local clock offset: 1.567 ms
Remote clock offset: -2.149 ms

Below is generated by plot.py at 2017-09-03 09:36:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 616.86 Mbit/s
95th percentile per-packet one-way delay: 46.512 ms
Loss rate: 2.61%
-- Flow 1:
Average throughput: 616.86 Mbit/s
95th percentile per-packet one-way delay: 46.512 ms
Loss rate: 2.61%

Run 4: Report of PCC — Data Link

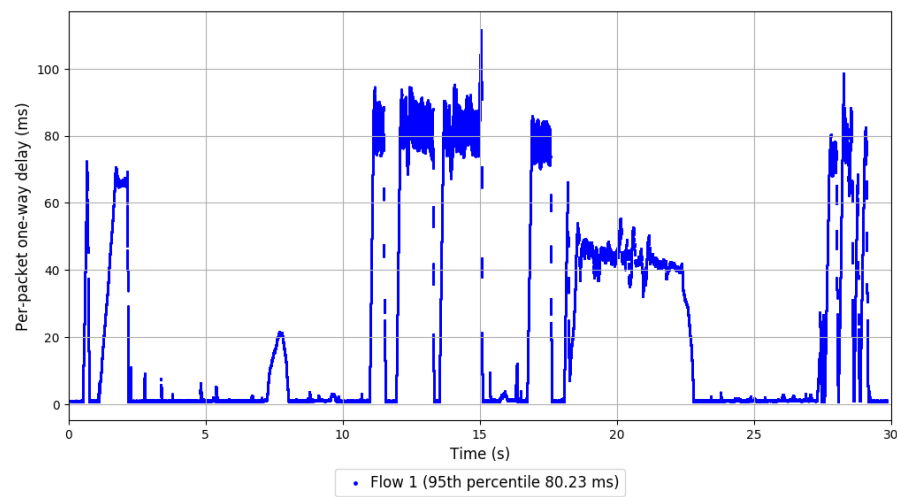
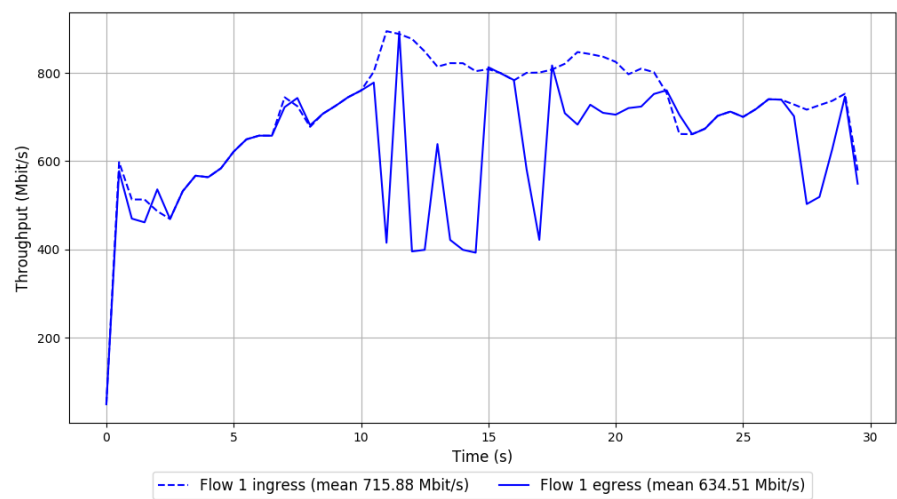


Run 5: Statistics of PCC

Start at: 2017-09-03 02:23:17
End at: 2017-09-03 02:23:47
Local clock offset: 0.948 ms
Remote clock offset: -1.904 ms

Below is generated by plot.py at 2017-09-03 09:38:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 634.51 Mbit/s
95th percentile per-packet one-way delay: 80.227 ms
Loss rate: 11.42%
-- Flow 1:
Average throughput: 634.51 Mbit/s
95th percentile per-packet one-way delay: 80.227 ms
Loss rate: 11.42%

Run 5: Report of PCC — Data Link

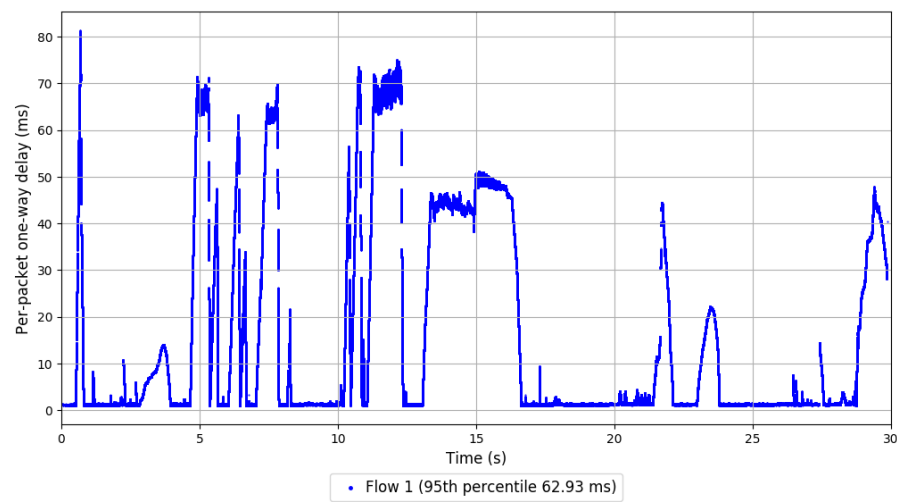
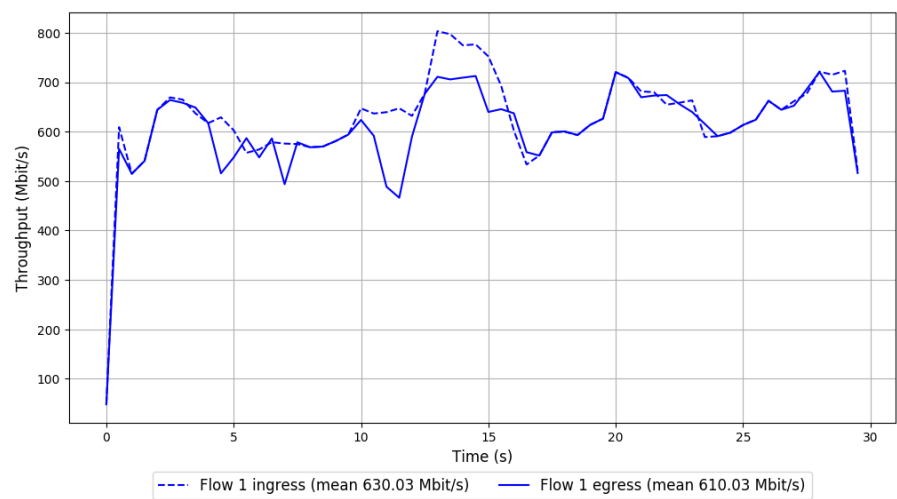


Run 6: Statistics of PCC

Start at: 2017-09-03 02:44:03
End at: 2017-09-03 02:44:33
Local clock offset: 0.477 ms
Remote clock offset: -1.571 ms

Below is generated by plot.py at 2017-09-03 09:38:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 610.03 Mbit/s
95th percentile per-packet one-way delay: 62.926 ms
Loss rate: 3.21%
-- Flow 1:
Average throughput: 610.03 Mbit/s
95th percentile per-packet one-way delay: 62.926 ms
Loss rate: 3.21%

Run 6: Report of PCC — Data Link

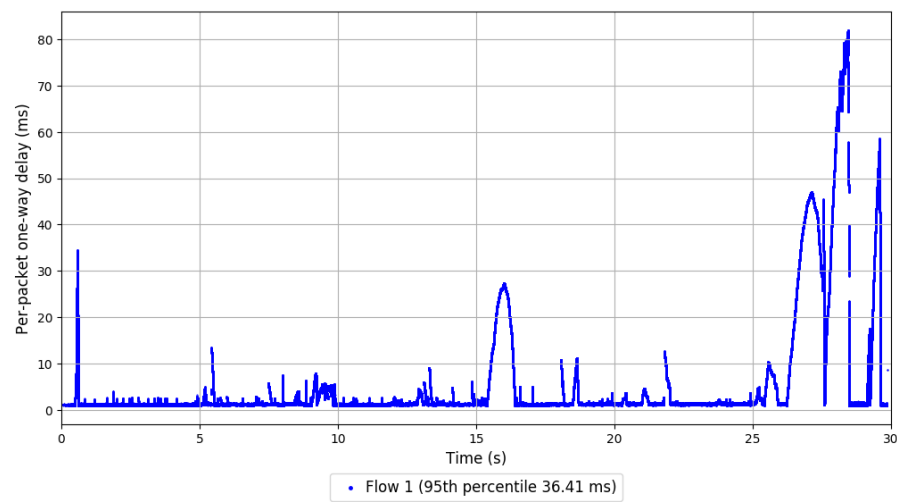
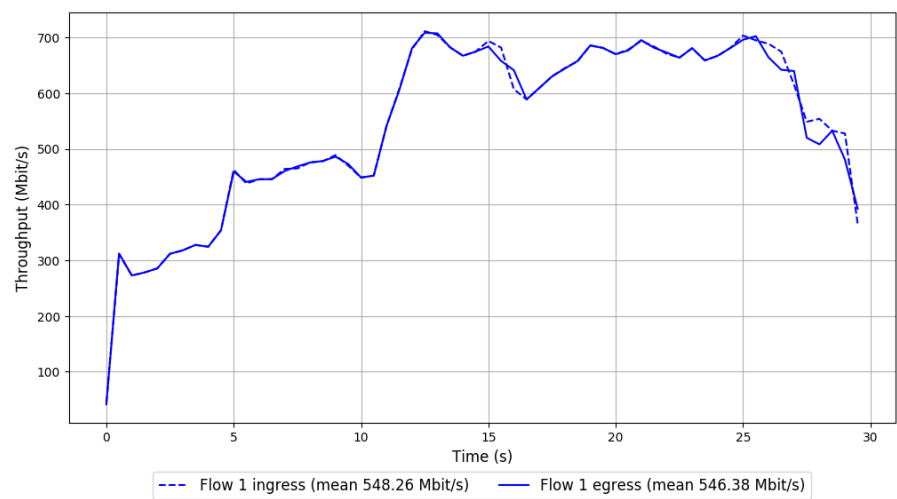


Run 7: Statistics of PCC

Start at: 2017-09-03 03:04:32
End at: 2017-09-03 03:05:02
Local clock offset: 0.184 ms
Remote clock offset: -1.054 ms

Below is generated by plot.py at 2017-09-03 09:38:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 546.38 Mbit/s
95th percentile per-packet one-way delay: 36.407 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 546.38 Mbit/s
95th percentile per-packet one-way delay: 36.407 ms
Loss rate: 0.39%

Run 7: Report of PCC — Data Link

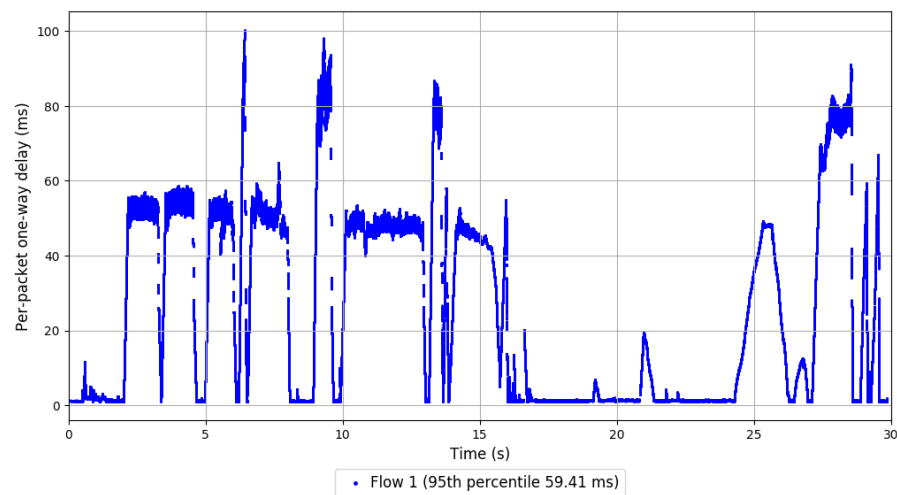
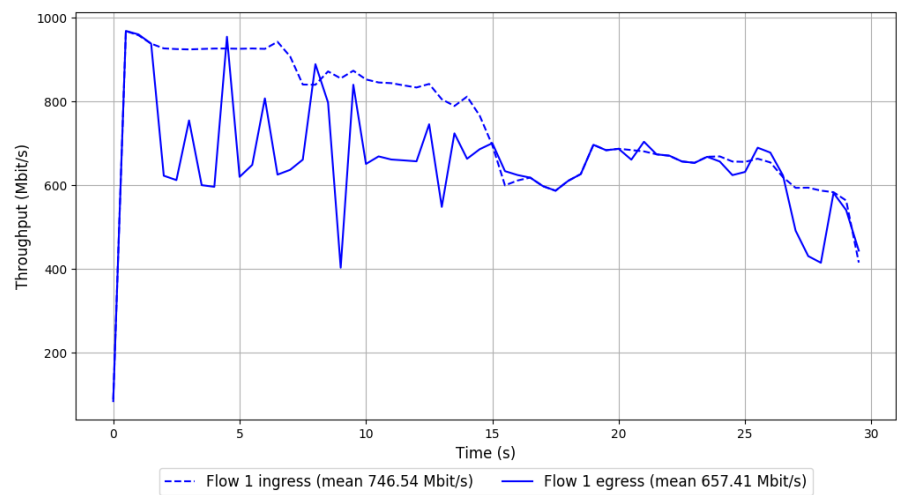


Run 8: Statistics of PCC

Start at: 2017-09-03 03:25:15
End at: 2017-09-03 03:25:45
Local clock offset: -0.061 ms
Remote clock offset: -1.075 ms

Below is generated by plot.py at 2017-09-03 09:39:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 657.41 Mbit/s
95th percentile per-packet one-way delay: 59.412 ms
Loss rate: 12.01%
-- Flow 1:
Average throughput: 657.41 Mbit/s
95th percentile per-packet one-way delay: 59.412 ms
Loss rate: 12.01%

Run 8: Report of PCC — Data Link

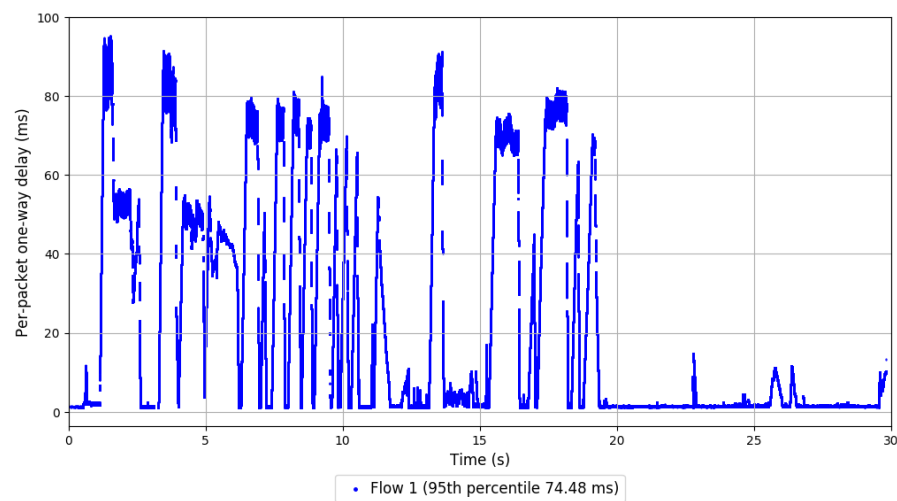
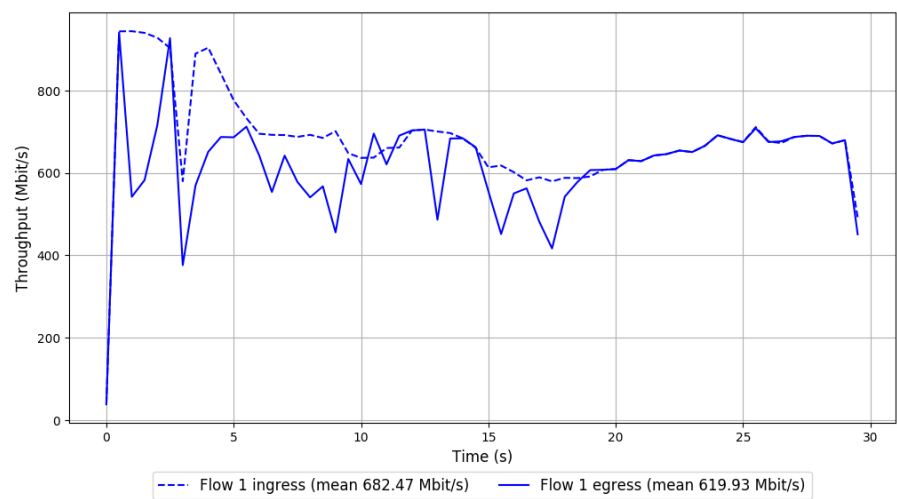


Run 9: Statistics of PCC

Start at: 2017-09-03 03:45:47
End at: 2017-09-03 03:46:17
Local clock offset: -0.325 ms
Remote clock offset: -1.202 ms

Below is generated by plot.py at 2017-09-03 09:40:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 619.93 Mbit/s
95th percentile per-packet one-way delay: 74.484 ms
Loss rate: 9.22%
-- Flow 1:
Average throughput: 619.93 Mbit/s
95th percentile per-packet one-way delay: 74.484 ms
Loss rate: 9.22%

Run 9: Report of PCC — Data Link

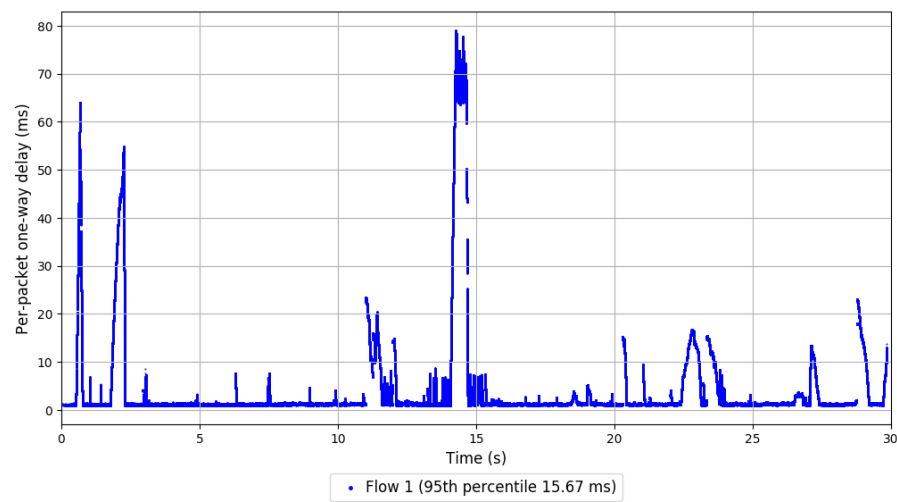
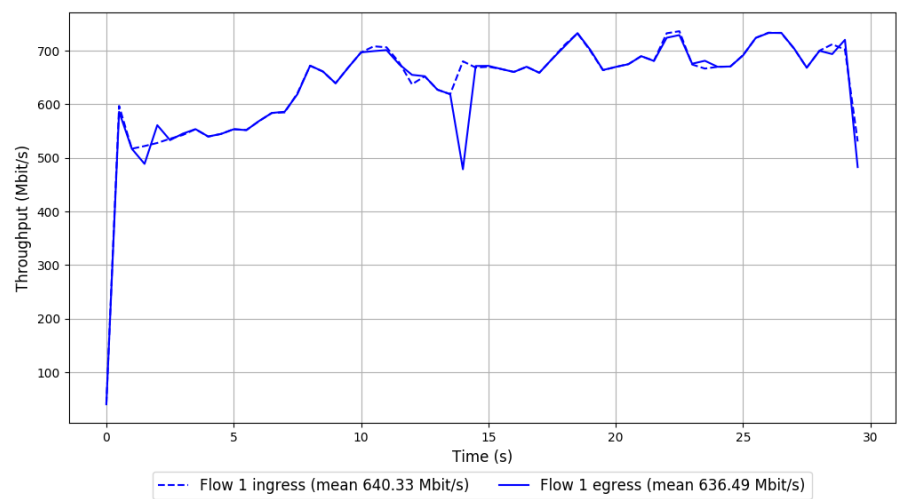


Run 10: Statistics of PCC

Start at: 2017-09-03 04:06:30
End at: 2017-09-03 04:07:00
Local clock offset: -0.584 ms
Remote clock offset: -0.972 ms

Below is generated by plot.py at 2017-09-03 09:41:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 636.49 Mbit/s
95th percentile per-packet one-way delay: 15.667 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 636.49 Mbit/s
95th percentile per-packet one-way delay: 15.667 ms
Loss rate: 0.67%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2017-09-03 00:58:08

End at: 2017-09-03 00:58:38

Local clock offset: 2.455 ms

Remote clock offset: -3.291 ms

Below is generated by plot.py at 2017-09-03 09:41:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 76.13 Mbit/s

95th percentile per-packet one-way delay: 1.255 ms

Loss rate: 0.07%

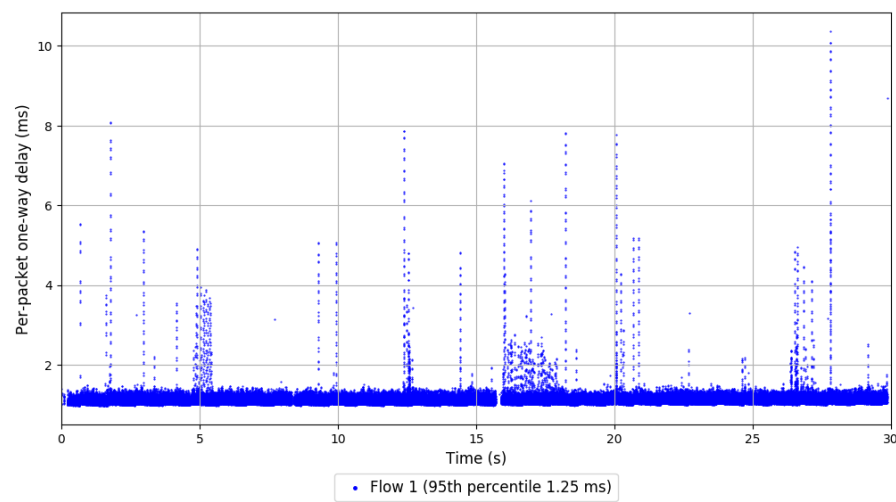
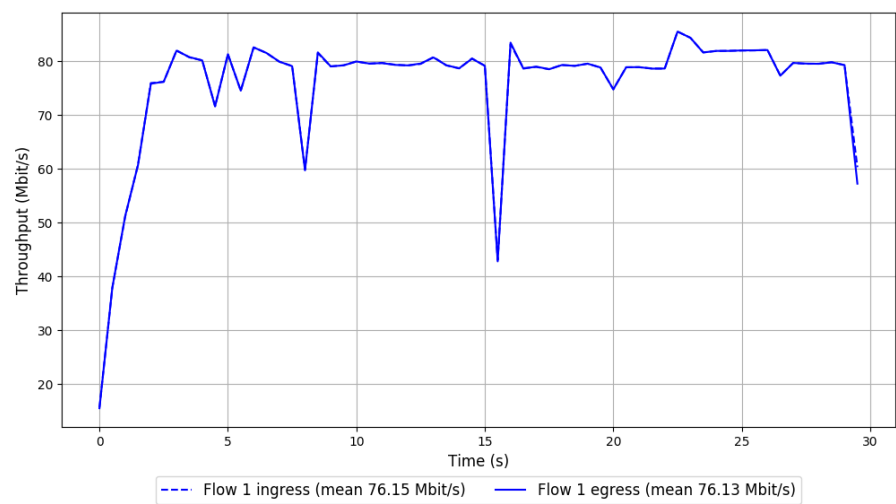
-- Flow 1:

Average throughput: 76.13 Mbit/s

95th percentile per-packet one-way delay: 1.255 ms

Loss rate: 0.07%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2017-09-03 01:18:39

End at: 2017-09-03 01:19:09

Local clock offset: 2.151 ms

Remote clock offset: -2.803 ms

Below is generated by plot.py at 2017-09-03 09:41:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.02 Mbit/s

95th percentile per-packet one-way delay: 1.217 ms

Loss rate: 0.07%

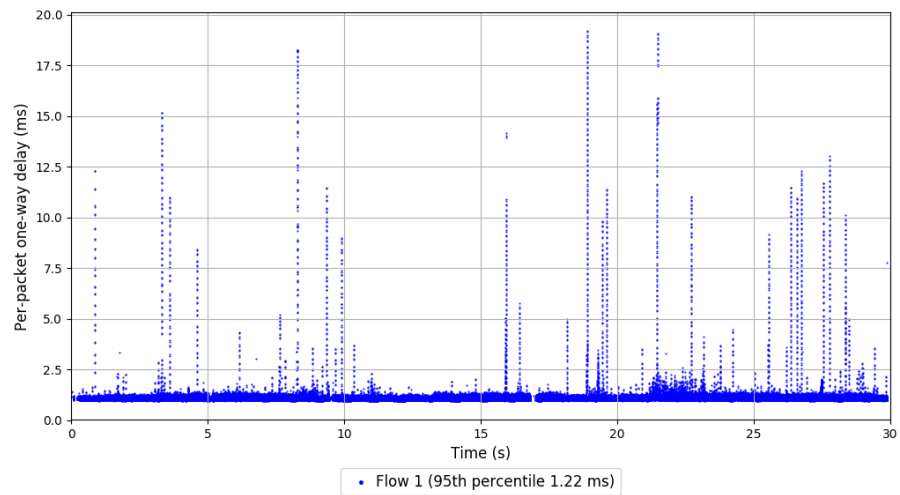
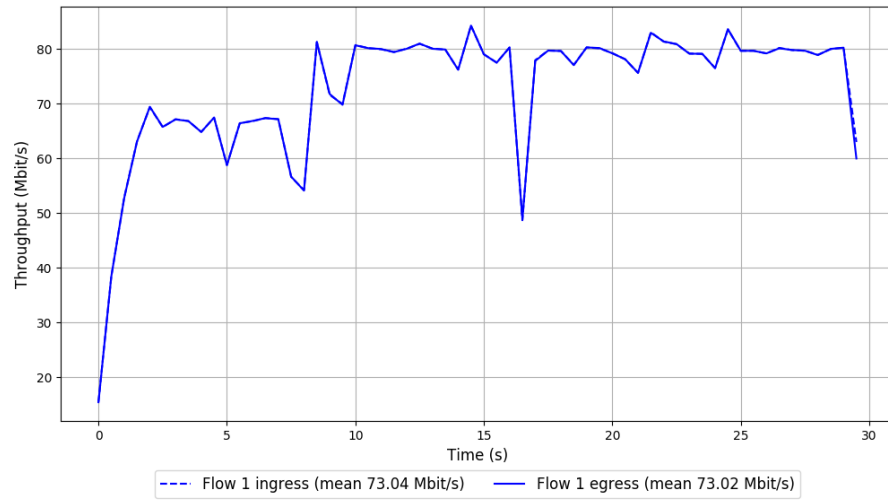
-- Flow 1:

Average throughput: 73.02 Mbit/s

95th percentile per-packet one-way delay: 1.217 ms

Loss rate: 0.07%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2017-09-03 01:39:26

End at: 2017-09-03 01:39:56

Local clock offset: 2.014 ms

Remote clock offset: -2.556 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 76.15 Mbit/s

95th percentile per-packet one-way delay: 1.300 ms

Loss rate: 0.11%

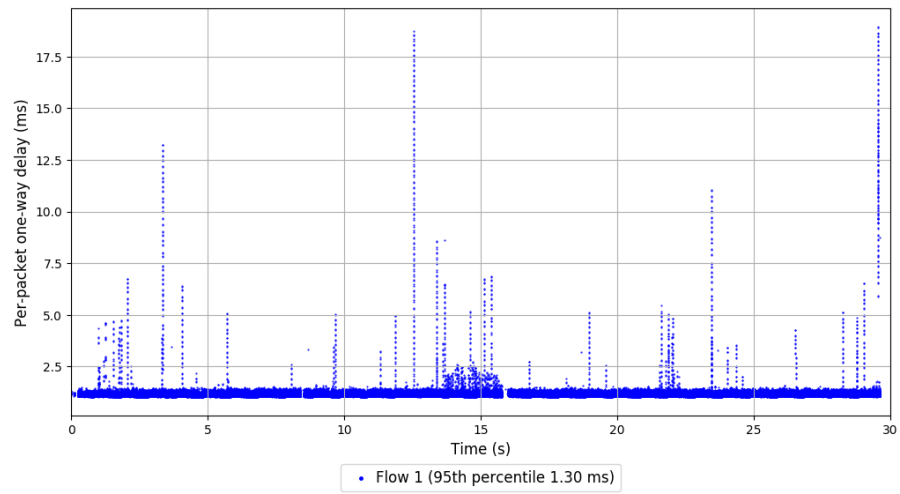
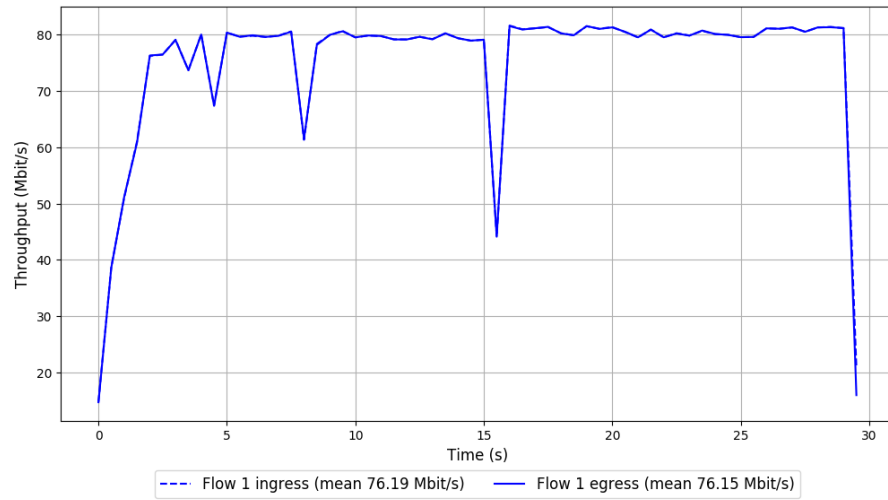
-- Flow 1:

Average throughput: 76.15 Mbit/s

95th percentile per-packet one-way delay: 1.300 ms

Loss rate: 0.11%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2017-09-03 02:00:12

End at: 2017-09-03 02:00:42

Local clock offset: 1.487 ms

Remote clock offset: -2.153 ms

Below is generated by plot.py at 2017-09-03 09:41:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 71.97 Mbit/s

95th percentile per-packet one-way delay: 1.192 ms

Loss rate: 0.08%

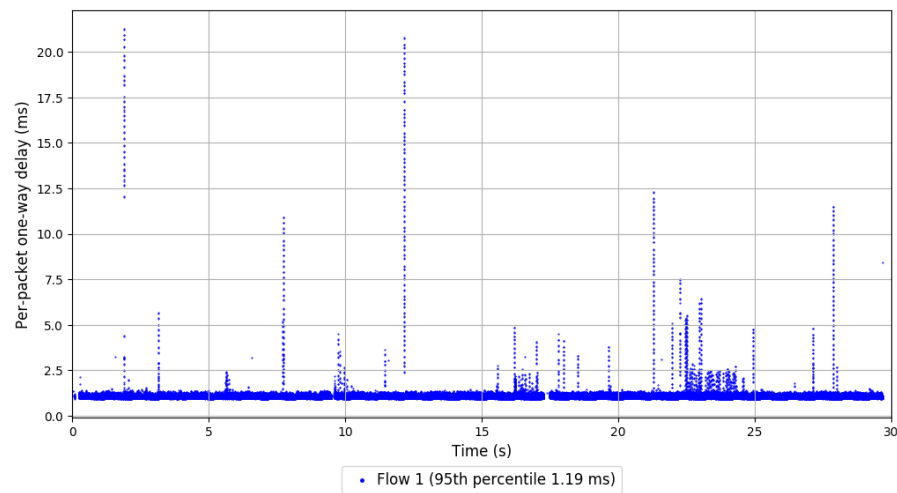
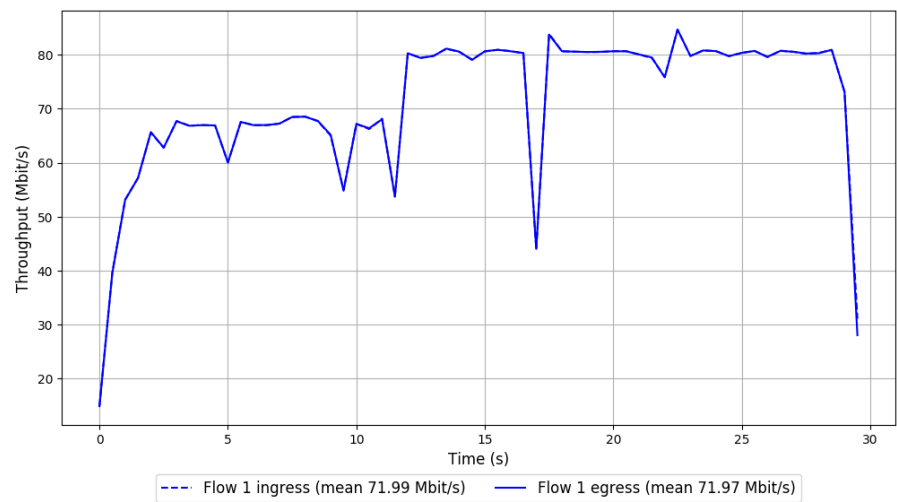
-- Flow 1:

Average throughput: 71.97 Mbit/s

95th percentile per-packet one-way delay: 1.192 ms

Loss rate: 0.08%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2017-09-03 02:20:49

End at: 2017-09-03 02:21:19

Local clock offset: 1.039 ms

Remote clock offset: -2.013 ms

Below is generated by plot.py at 2017-09-03 09:41:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 76.42 Mbit/s

95th percentile per-packet one-way delay: 1.225 ms

Loss rate: 0.07%

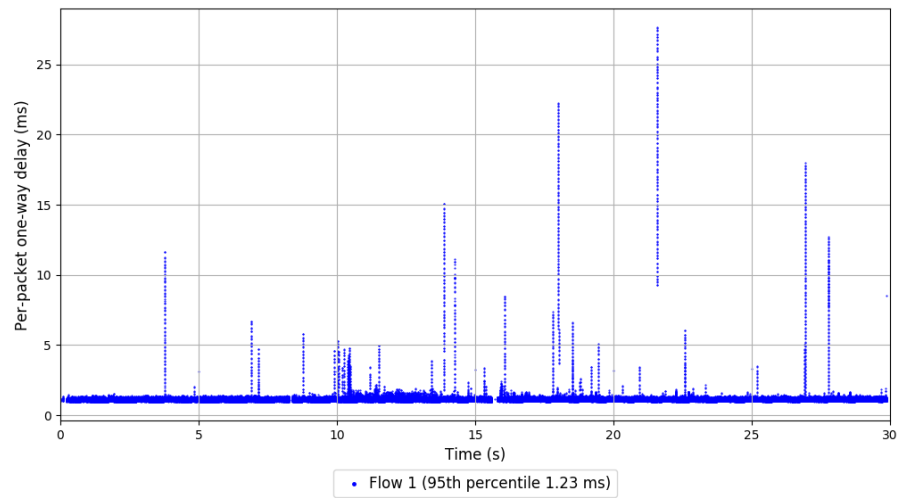
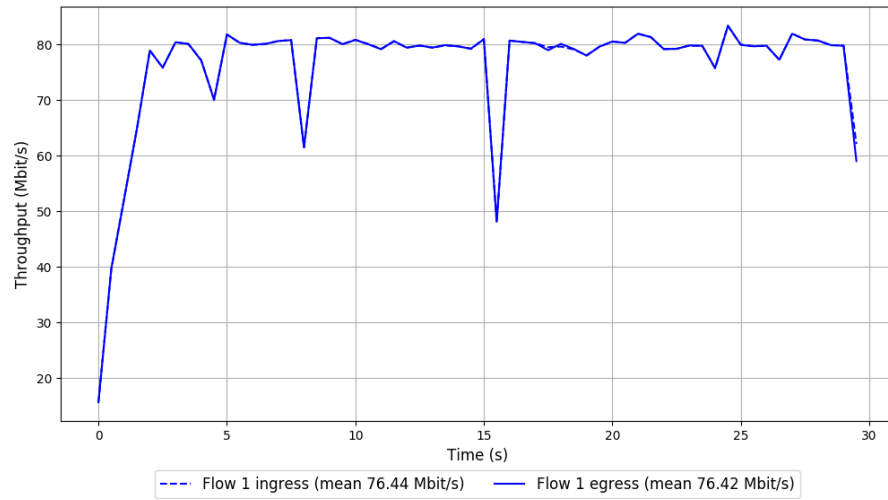
-- Flow 1:

Average throughput: 76.42 Mbit/s

95th percentile per-packet one-way delay: 1.225 ms

Loss rate: 0.07%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2017-09-03 02:41:36

End at: 2017-09-03 02:42:06

Local clock offset: 0.518 ms

Remote clock offset: -1.491 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.94 Mbit/s

95th percentile per-packet one-way delay: 1.103 ms

Loss rate: 0.06%

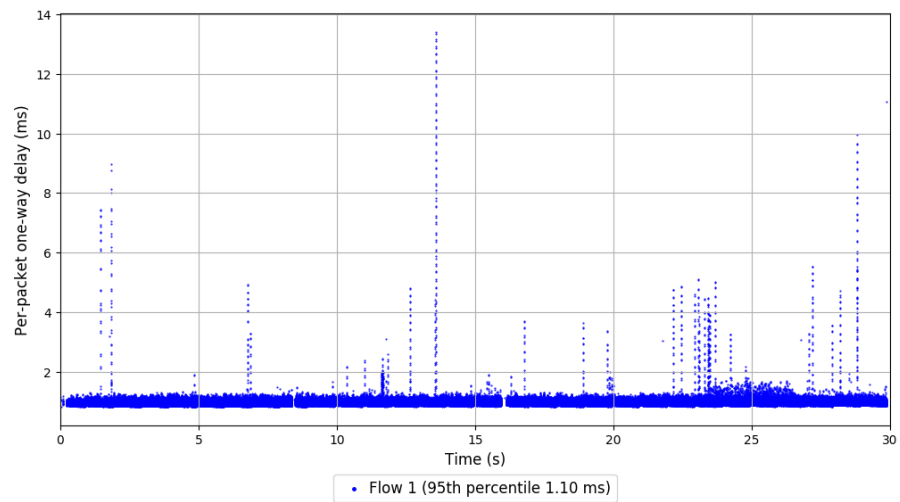
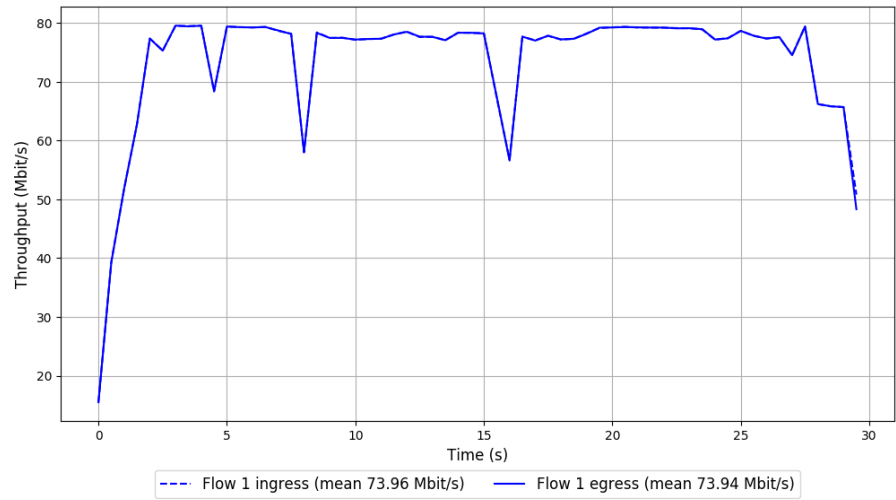
-- Flow 1:

Average throughput: 73.94 Mbit/s

95th percentile per-packet one-way delay: 1.103 ms

Loss rate: 0.06%

Run 6: Report of QUIC Cubic — Data Link

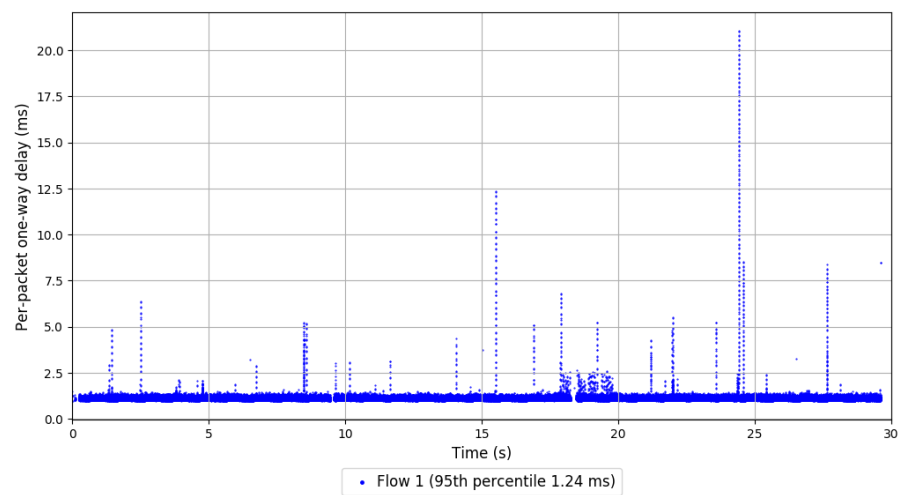
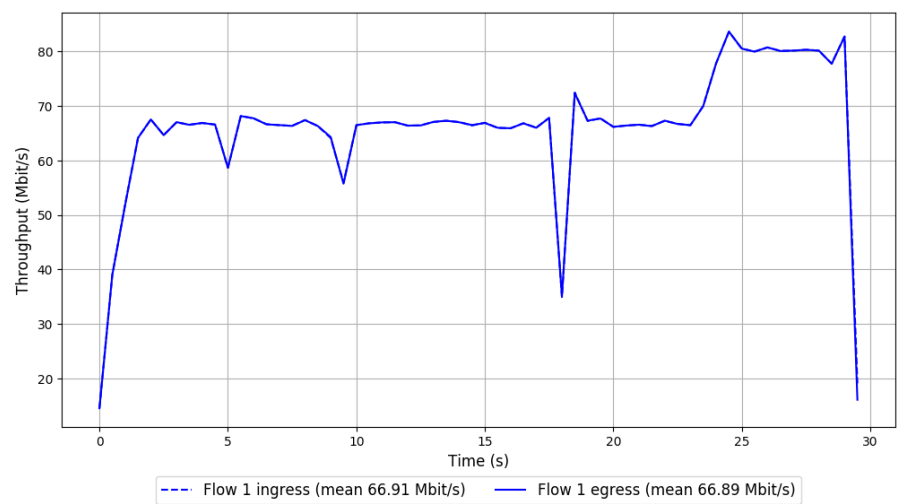


Run 7: Statistics of QUIC Cubic

Start at: 2017-09-03 03:02:05
End at: 2017-09-03 03:02:35
Local clock offset: 0.263 ms
Remote clock offset: -1.109 ms

Below is generated by plot.py at 2017-09-03 09:41:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 66.89 Mbit/s
95th percentile per-packet one-way delay: 1.240 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 66.89 Mbit/s
95th percentile per-packet one-way delay: 1.240 ms
Loss rate: 0.08%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2017-09-03 03:22:46

End at: 2017-09-03 03:23:16

Local clock offset: -0.04 ms

Remote clock offset: -0.964 ms

Below is generated by plot.py at 2017-09-03 09:41:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 76.09 Mbit/s

95th percentile per-packet one-way delay: 1.145 ms

Loss rate: 0.07%

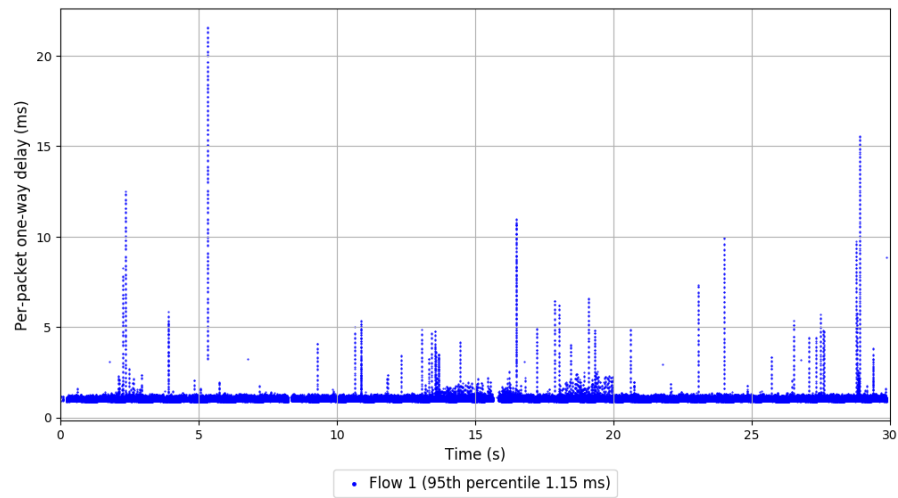
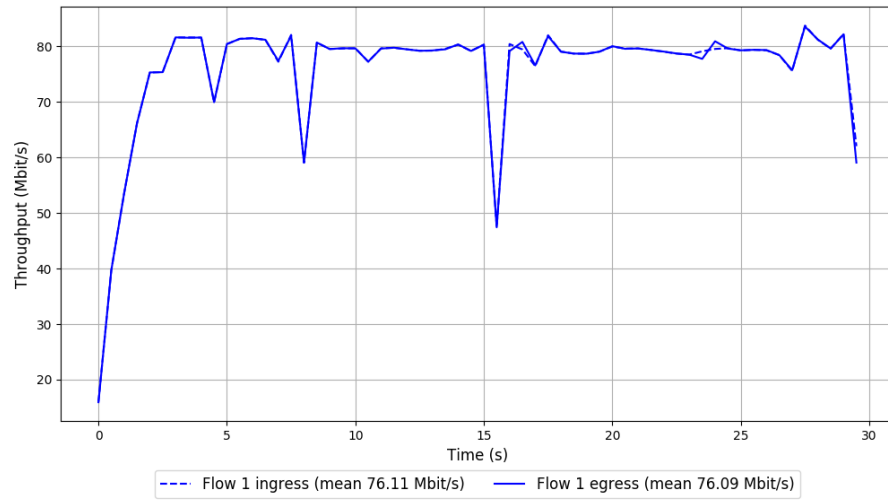
-- Flow 1:

Average throughput: 76.09 Mbit/s

95th percentile per-packet one-way delay: 1.145 ms

Loss rate: 0.07%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2017-09-03 03:43:20

End at: 2017-09-03 03:43:50

Local clock offset: -0.286 ms

Remote clock offset: -1.164 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 76.11 Mbit/s

95th percentile per-packet one-way delay: 1.253 ms

Loss rate: 0.07%

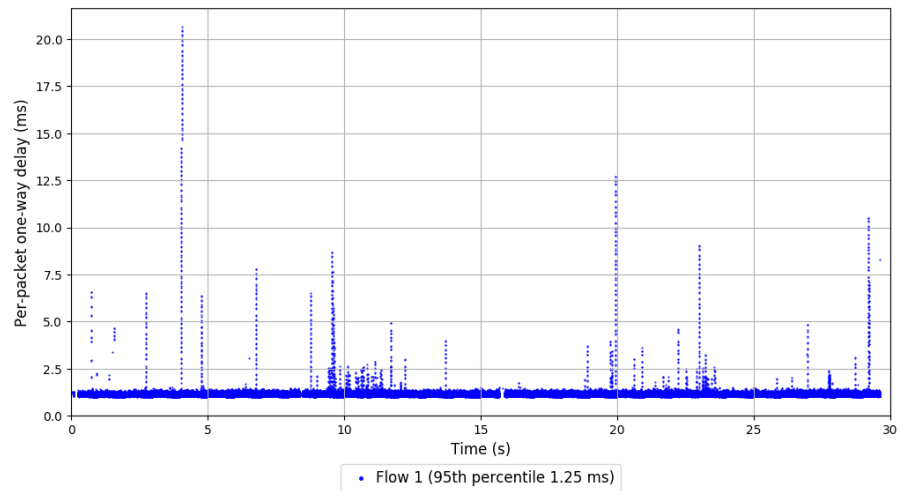
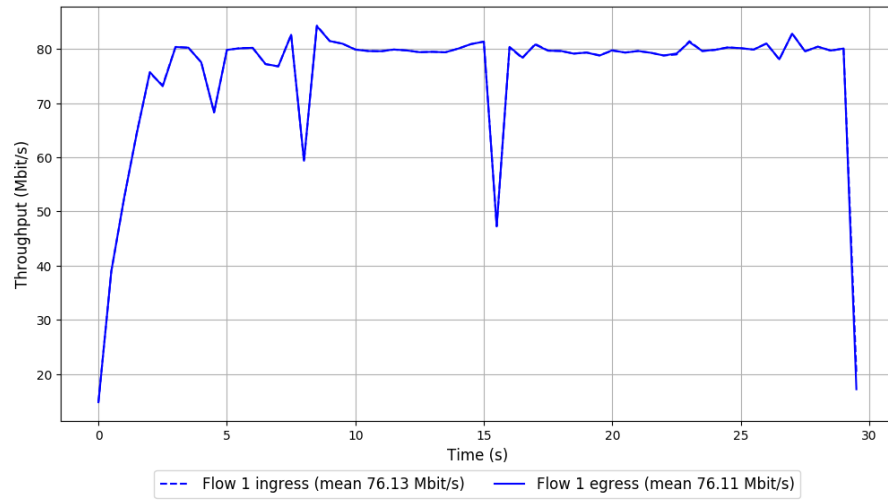
-- Flow 1:

Average throughput: 76.11 Mbit/s

95th percentile per-packet one-way delay: 1.253 ms

Loss rate: 0.07%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2017-09-03 04:04:02

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

Local clock offset: -0.627 ms

Remote clock offset: -1.01 ms

Below is generated by plot.py at 2017-09-03 09:41:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 76.21 Mbit/s

95th percentile per-packet one-way delay: 1.167 ms

Loss rate: 0.07%

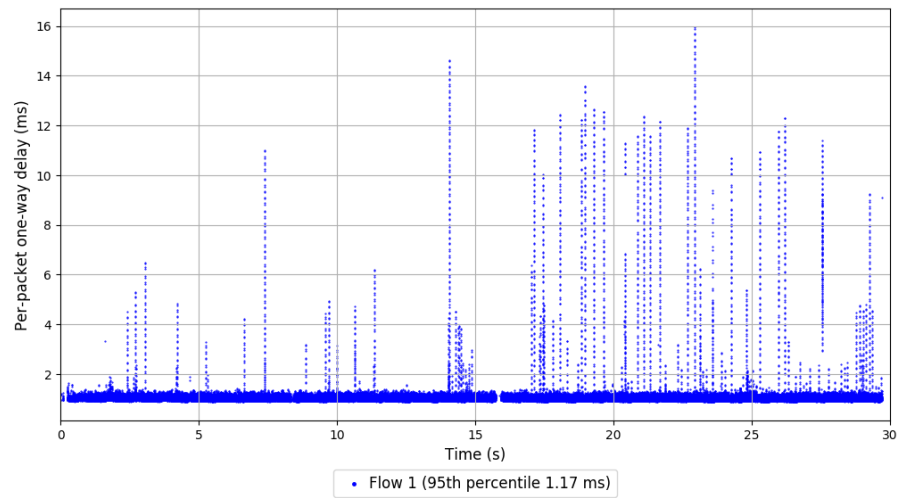
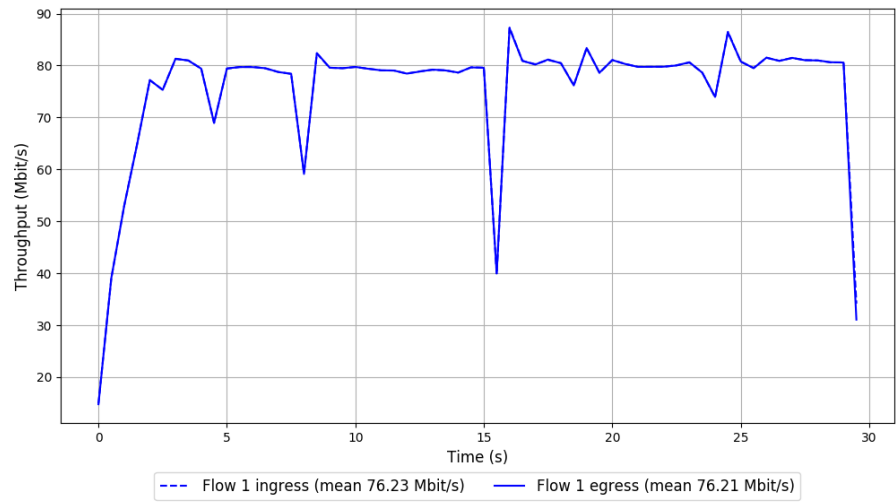
-- Flow 1:

Average throughput: 76.21 Mbit/s

95th percentile per-packet one-way delay: 1.167 ms

Loss rate: 0.07%

Run 10: Report of QUIC Cubic — Data Link



Run 1: Statistics of SCReAM

Start at: 2017-09-03 01:03:32

End at: 2017-09-03 01:04:02

Local clock offset: 2.416 ms

Remote clock offset: -3.097 ms

Below is generated by plot.py at 2017-09-03 09:41:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.535 ms

Loss rate: 0.13%

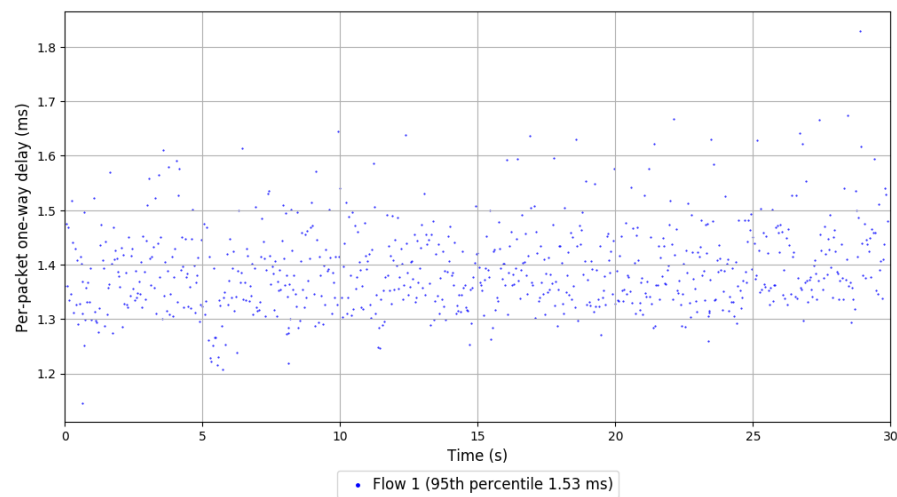
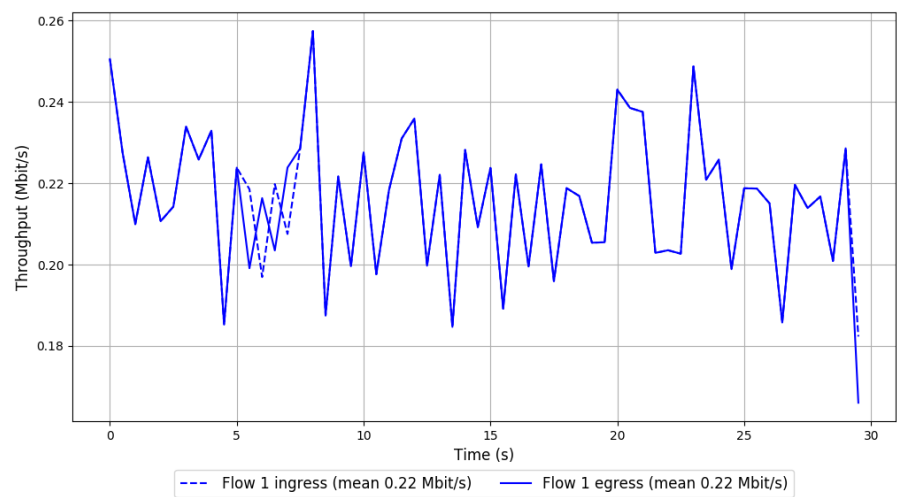
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.535 ms

Loss rate: 0.13%

Run 1: Report of SReAM — Data Link

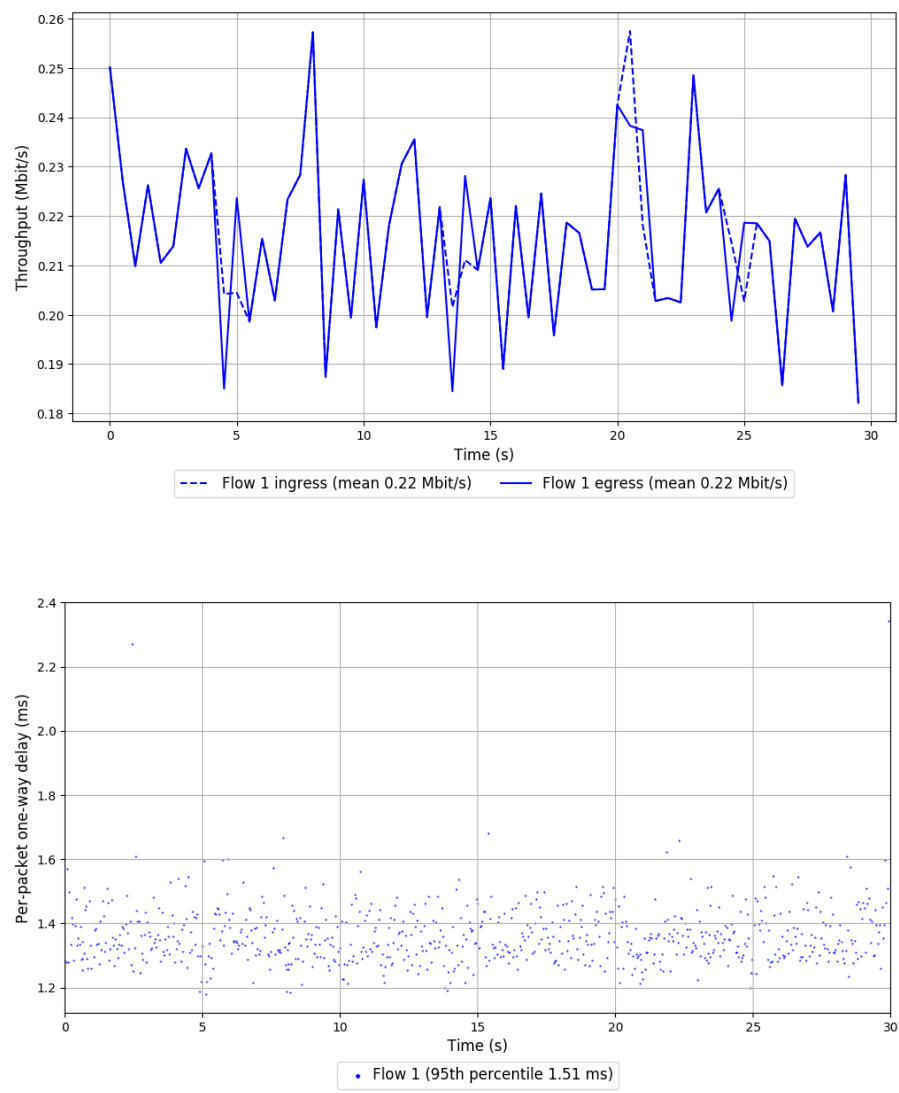


Run 2: Statistics of SCReAM

Start at: 2017-09-03 01:24:09
End at: 2017-09-03 01:24:39
Local clock offset: 2.116 ms
Remote clock offset: -2.832 ms

Below is generated by plot.py at 2017-09-03 09:41:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.508 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.508 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

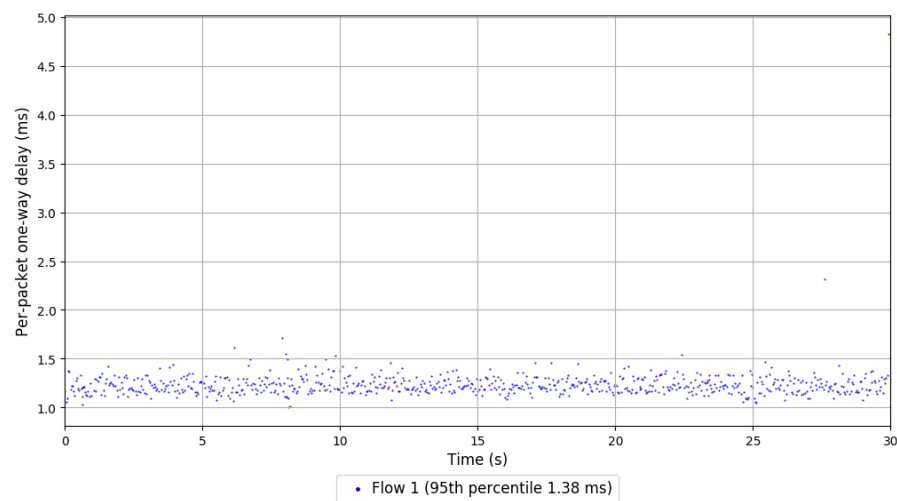
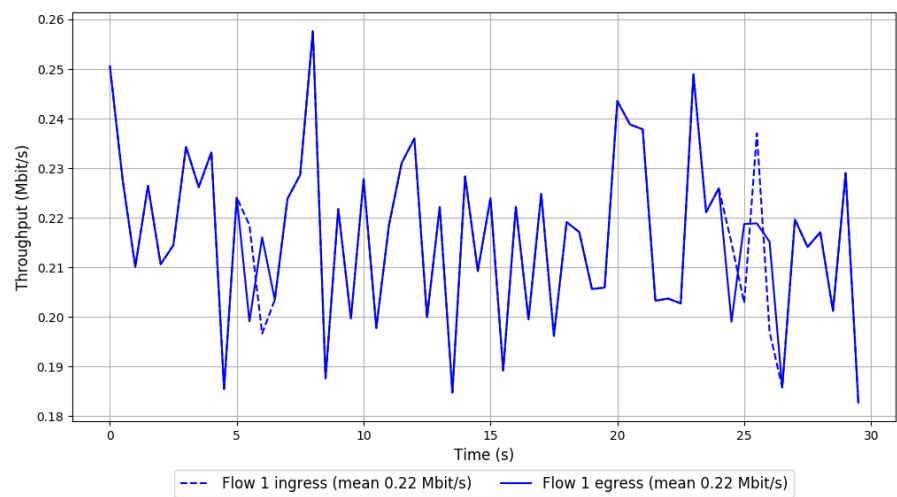


Run 3: Statistics of SCReAM

Start at: 2017-09-03 01:44:53
End at: 2017-09-03 01:45:23
Local clock offset: 1.926 ms
Remote clock offset: -2.398 ms

Below is generated by plot.py at 2017-09-03 09:41:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.380 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.380 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

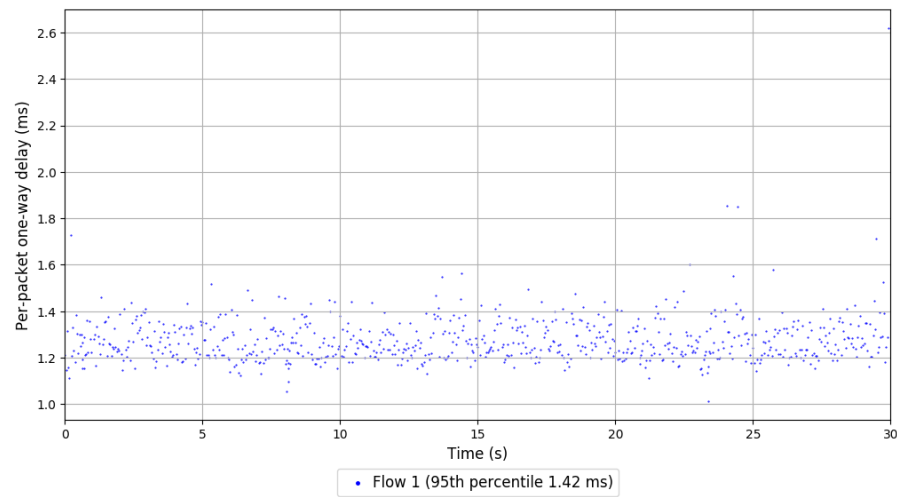
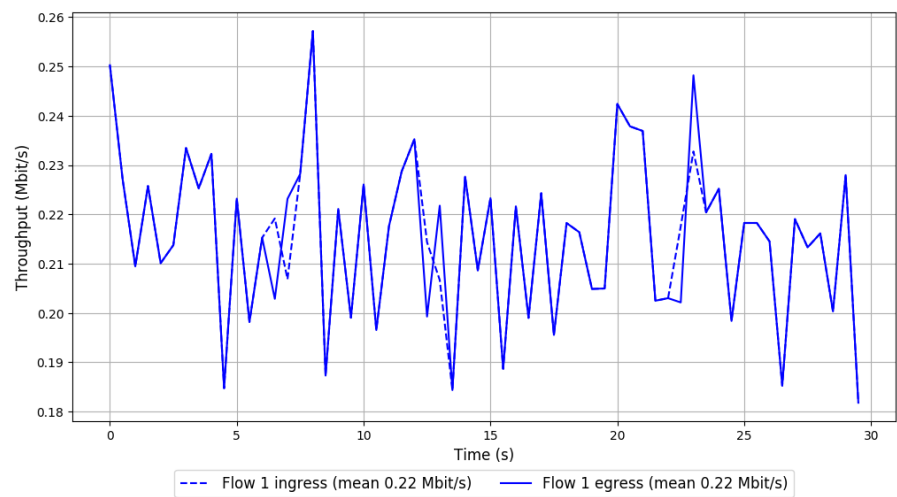


Run 4: Statistics of SCReAM

Start at: 2017-09-03 02:05:38
End at: 2017-09-03 02:06:08
Local clock offset: 1.509 ms
Remote clock offset: -2.043 ms

Below is generated by plot.py at 2017-09-03 09:41:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.423 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.423 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

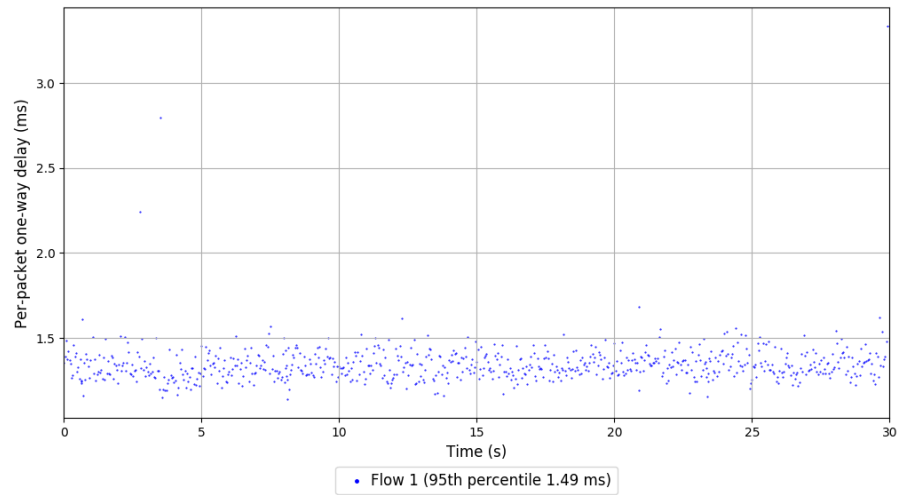
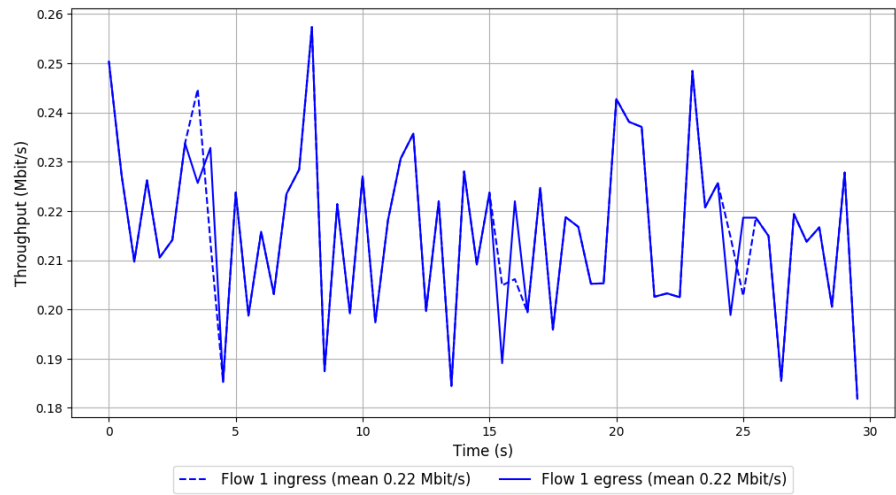


Run 5: Statistics of SCReAM

Start at: 2017-09-03 02:26:15
End at: 2017-09-03 02:26:45
Local clock offset: 0.987 ms
Remote clock offset: -1.975 ms

Below is generated by plot.py at 2017-09-03 09:41:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.489 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.489 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

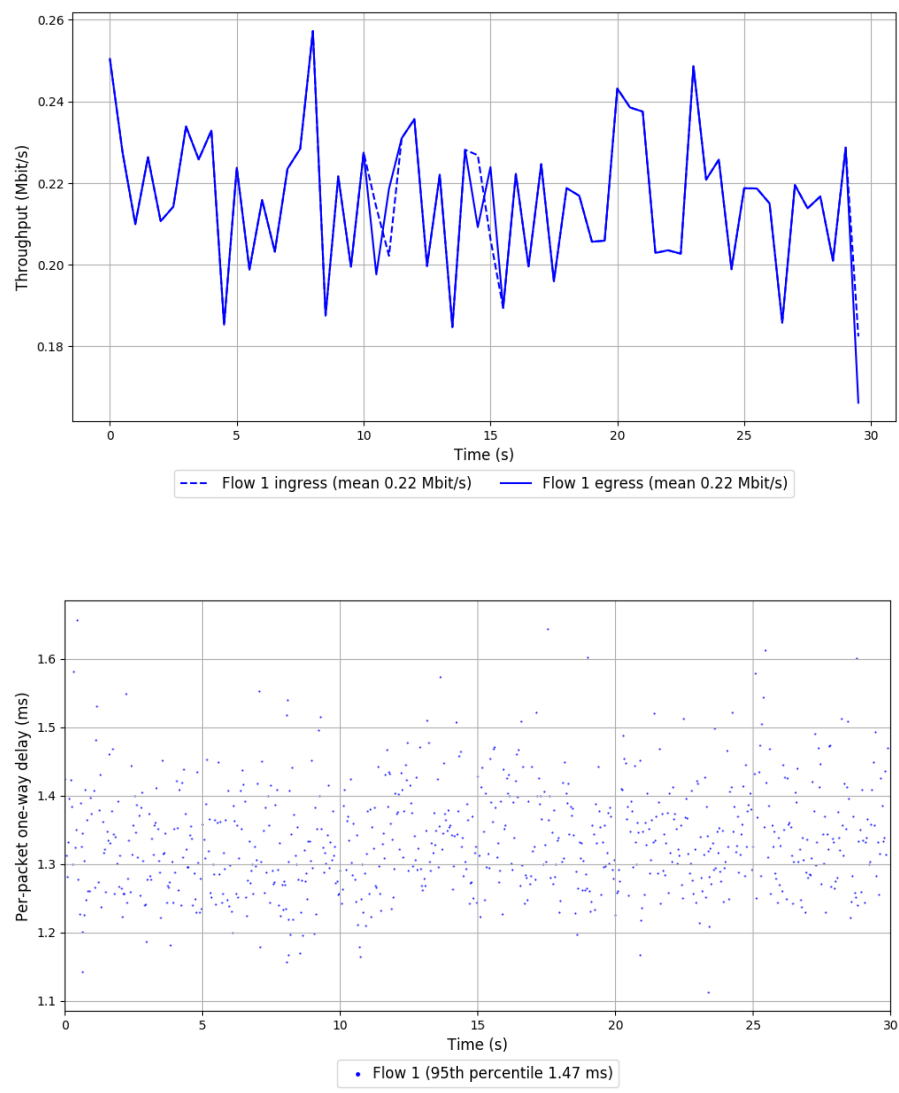


Run 6: Statistics of SCReAM

Start at: 2017-09-03 02:47:00
End at: 2017-09-03 02:47:30
Local clock offset: 0.537 ms
Remote clock offset: -1.428 ms

Below is generated by plot.py at 2017-09-03 09:41:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.470 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.470 ms
Loss rate: 0.13%

Run 6: Report of SReAM — Data Link

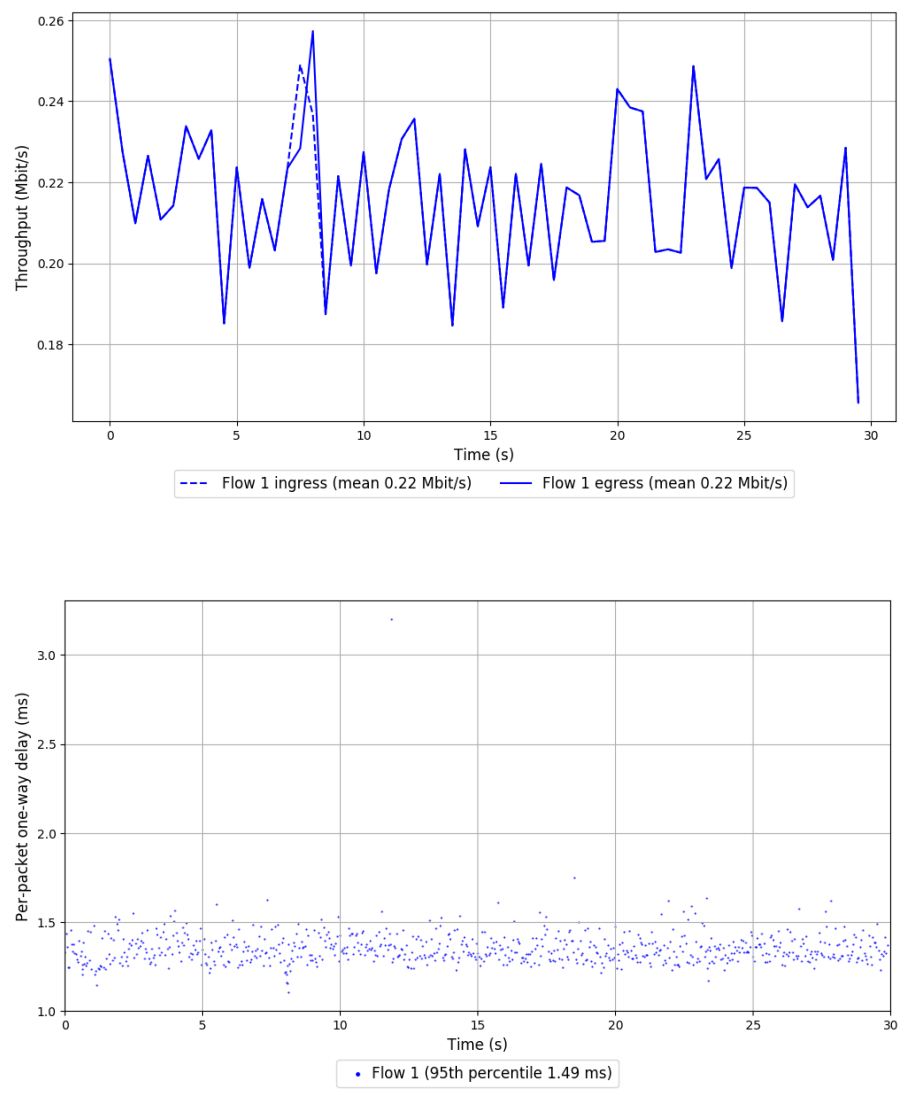


Run 7: Statistics of SCReAM

Start at: 2017-09-03 03:07:29
End at: 2017-09-03 03:07:59
Local clock offset: 0.189 ms
Remote clock offset: -1.075 ms

Below is generated by plot.py at 2017-09-03 09:41:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.485 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.485 ms
Loss rate: 0.00%

Run 7: Report of SReAM — Data Link

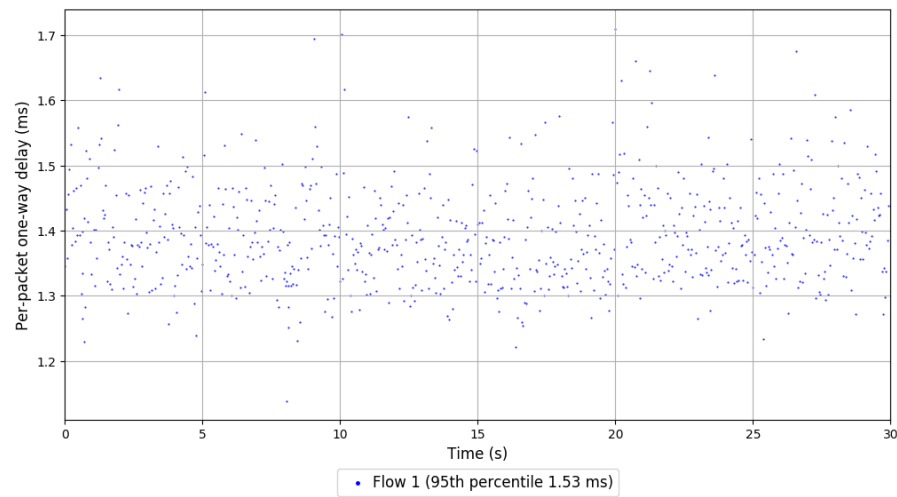
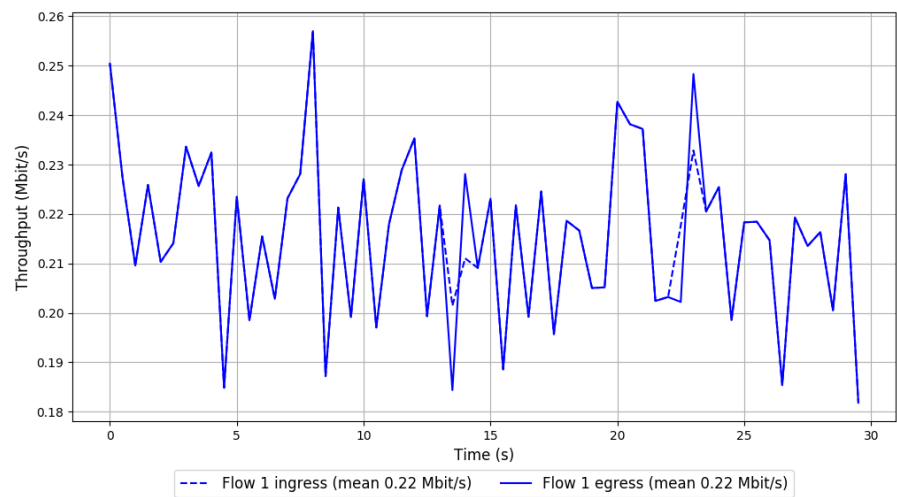


Run 8: Statistics of SCReAM

Start at: 2017-09-03 03:28:15
End at: 2017-09-03 03:28:45
Local clock offset: -0.038 ms
Remote clock offset: -1.111 ms

Below is generated by plot.py at 2017-09-03 09:41:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.532 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.532 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

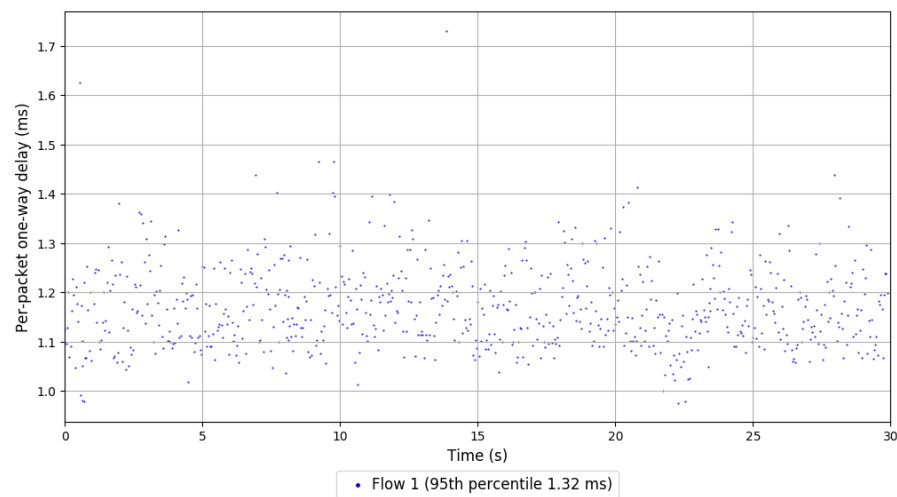
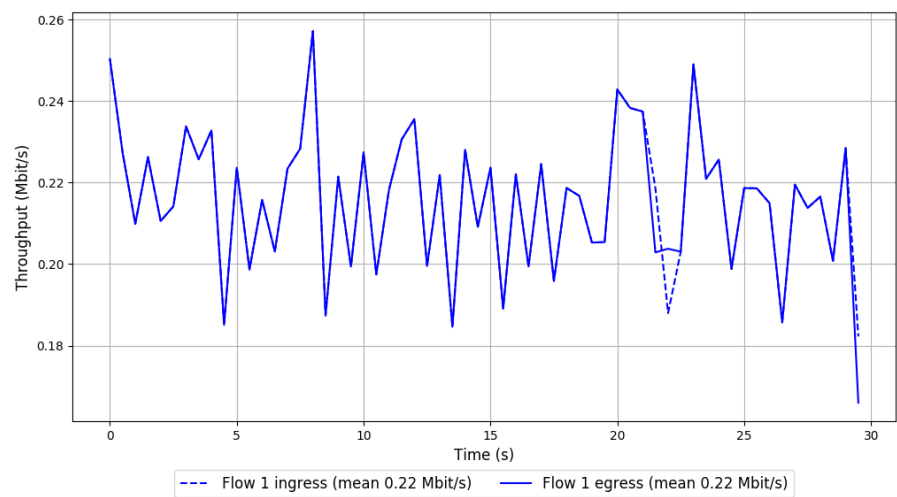


Run 9: Statistics of SCReAM

Start at: 2017-09-03 03:48:51
End at: 2017-09-03 03:49:21
Local clock offset: -0.509 ms
Remote clock offset: -1.121 ms

Below is generated by plot.py at 2017-09-03 09:41:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.320 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.320 ms
Loss rate: 0.13%

Run 9: Report of SReAM — Data Link

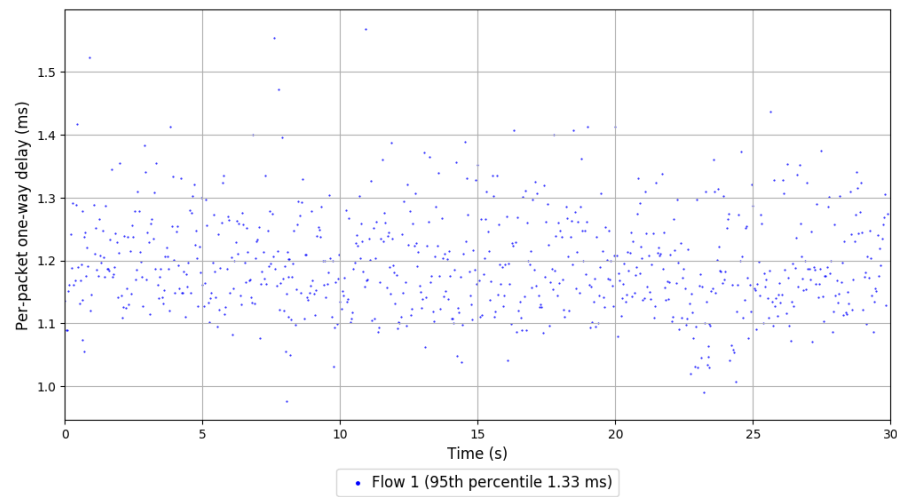
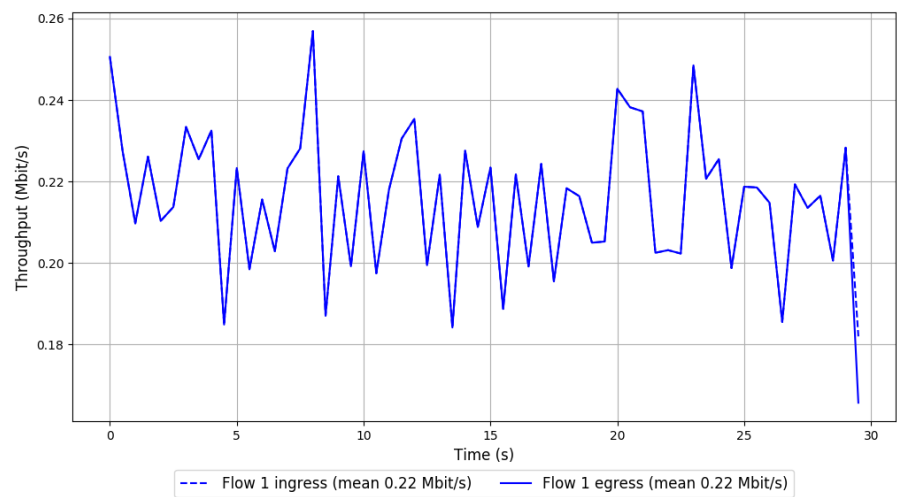


Run 10: Statistics of SReAM

Start at: 2017-09-03 04:09:28
End at: 2017-09-03 04:09:58
Local clock offset: -0.617 ms
Remote clock offset: -1.009 ms

Below is generated by plot.py at 2017-09-03 09:41:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.335 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.335 ms
Loss rate: 0.13%

Run 10: Report of SCRaM — Data Link

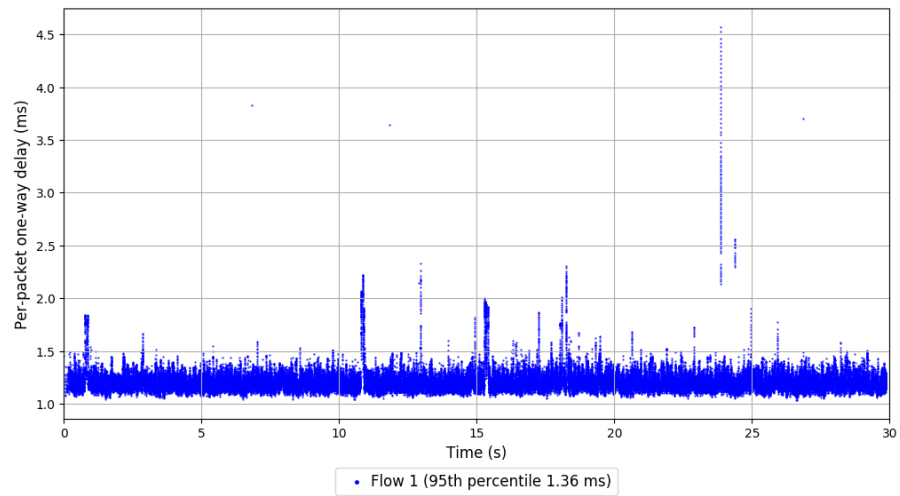
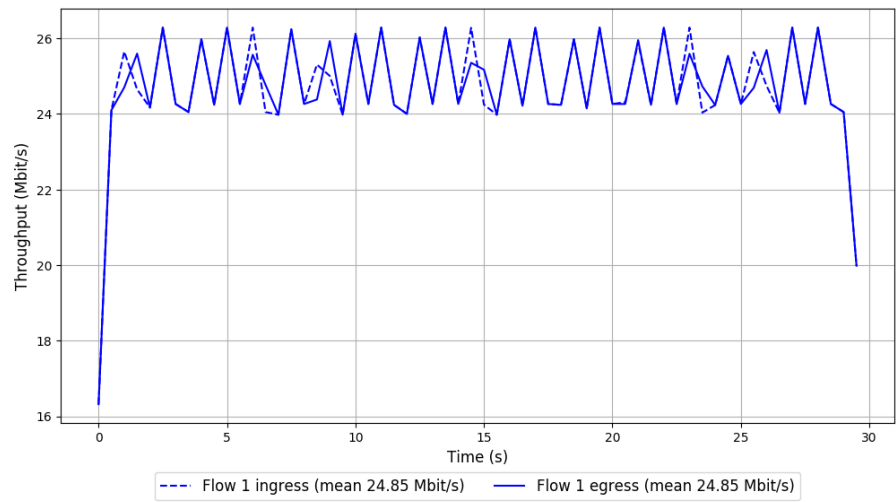


Run 1: Statistics of Sprout

Start at: 2017-09-03 01:08:43
End at: 2017-09-03 01:09:13
Local clock offset: 2.293 ms
Remote clock offset: -2.939 ms

Below is generated by plot.py at 2017-09-03 09:41:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.85 Mbit/s
95th percentile per-packet one-way delay: 1.362 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.85 Mbit/s
95th percentile per-packet one-way delay: 1.362 ms
Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

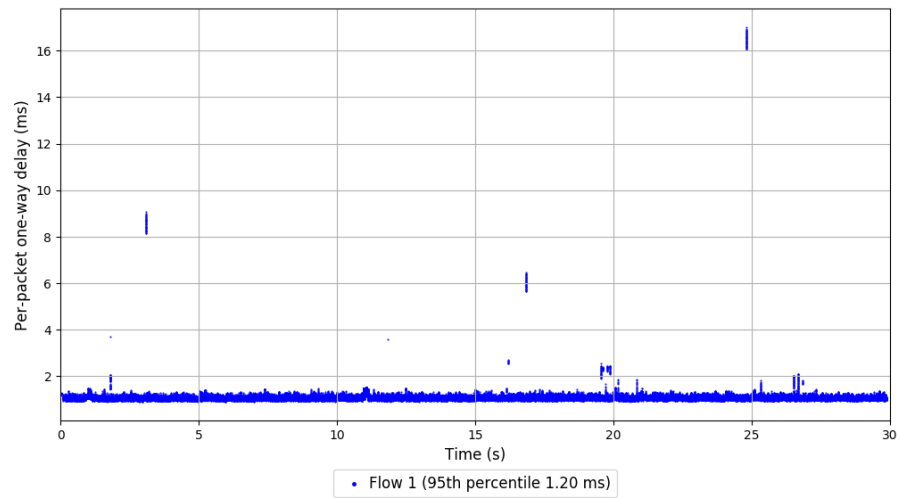
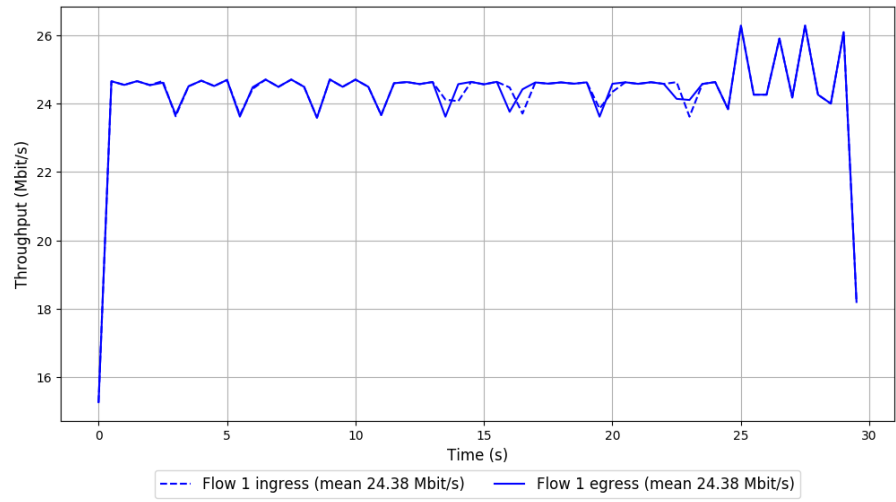


Run 2: Statistics of Sprout

Start at: 2017-09-03 01:29:23
End at: 2017-09-03 01:29:53
Local clock offset: 1.969 ms
Remote clock offset: -2.686 ms

Below is generated by plot.py at 2017-09-03 09:41:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.38 Mbit/s
95th percentile per-packet one-way delay: 1.200 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.38 Mbit/s
95th percentile per-packet one-way delay: 1.200 ms
Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

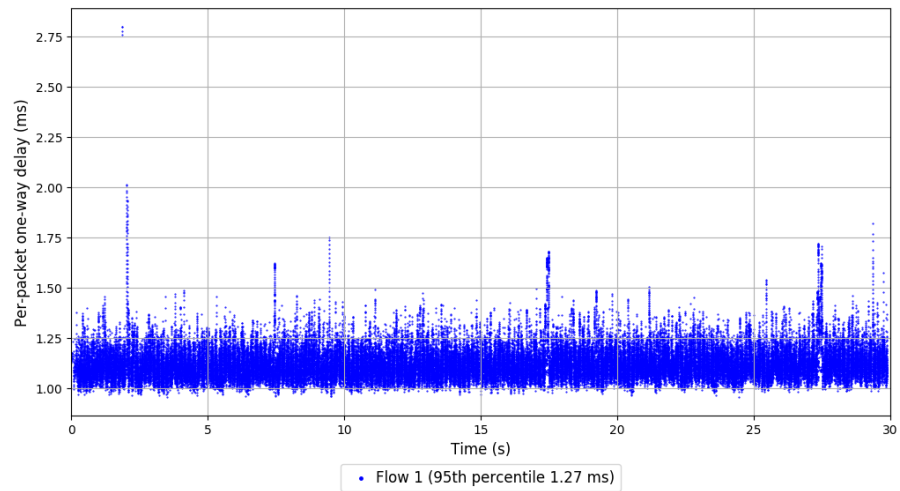
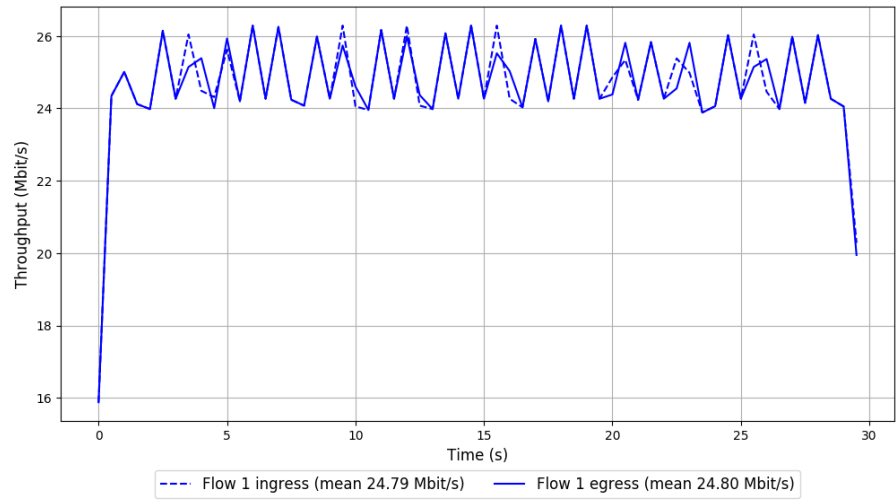


Run 3: Statistics of Sprout

Start at: 2017-09-03 01:50:06
End at: 2017-09-03 01:50:36
Local clock offset: 1.83 ms
Remote clock offset: -2.363 ms

Below is generated by plot.py at 2017-09-03 09:41:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.80 Mbit/s
95th percentile per-packet one-way delay: 1.271 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 24.80 Mbit/s
95th percentile per-packet one-way delay: 1.271 ms
Loss rate: 0.02%

Run 3: Report of Sprout — Data Link

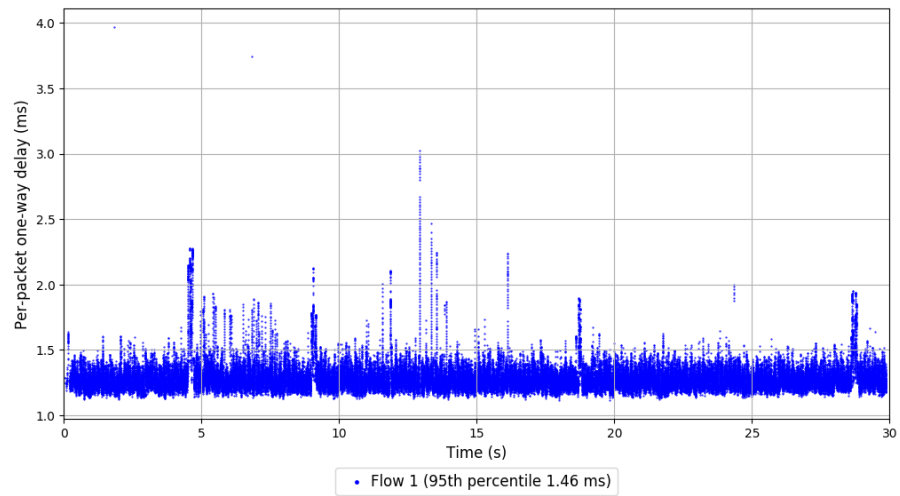
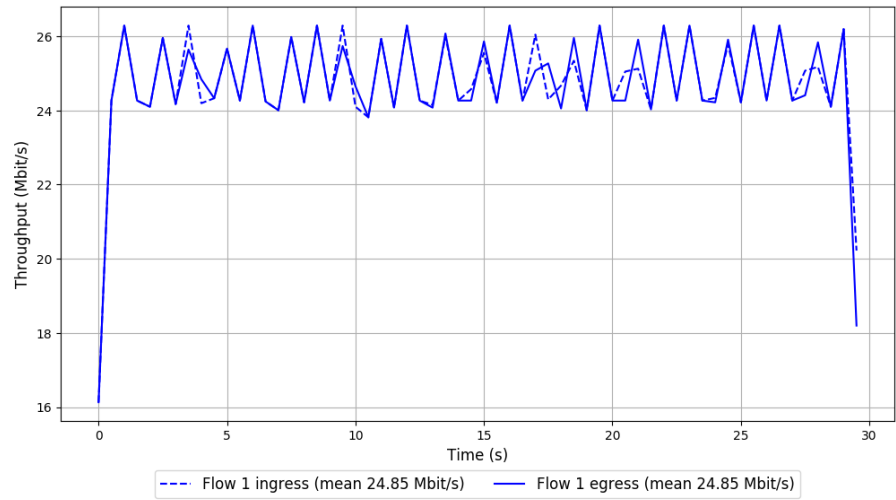


Run 4: Statistics of Sprout

Start at: 2017-09-03 02:10:55
End at: 2017-09-03 02:11:25
Local clock offset: 1.391 ms
Remote clock offset: -2.127 ms

Below is generated by plot.py at 2017-09-03 09:42:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.85 Mbit/s
95th percentile per-packet one-way delay: 1.461 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 24.85 Mbit/s
95th percentile per-packet one-way delay: 1.461 ms
Loss rate: 0.14%

Run 4: Report of Sprout — Data Link

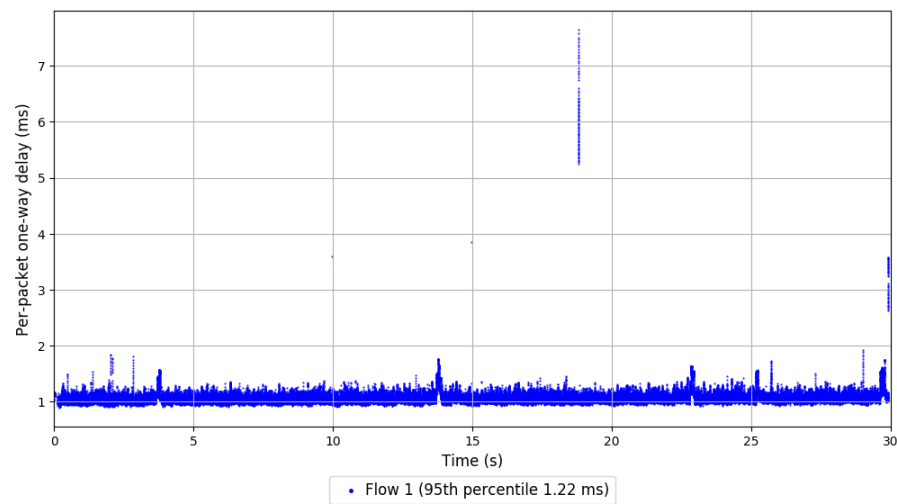
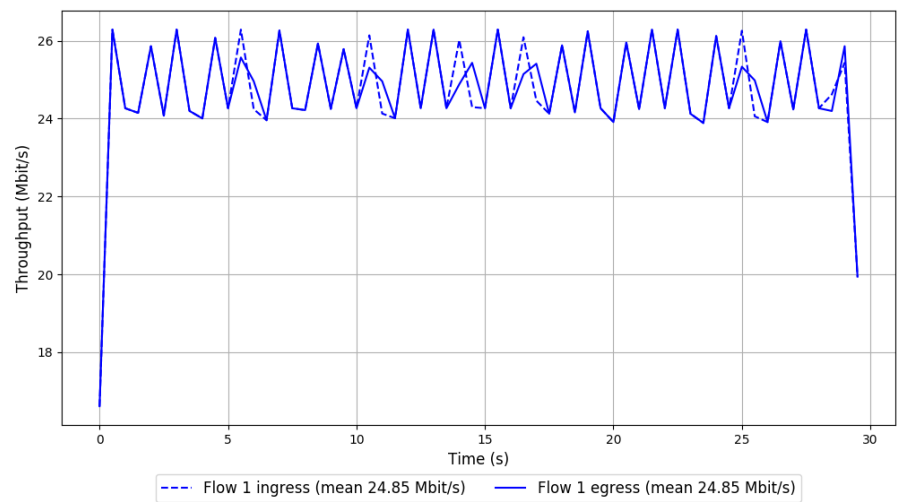


Run 5: Statistics of Sprout

Start at: 2017-09-03 02:31:30
End at: 2017-09-03 02:32:00
Local clock offset: 0.799 ms
Remote clock offset: -1.676 ms

Below is generated by plot.py at 2017-09-03 09:42:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.85 Mbit/s
95th percentile per-packet one-way delay: 1.220 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.85 Mbit/s
95th percentile per-packet one-way delay: 1.220 ms
Loss rate: 0.00%

Run 5: Report of Sprout — Data Link

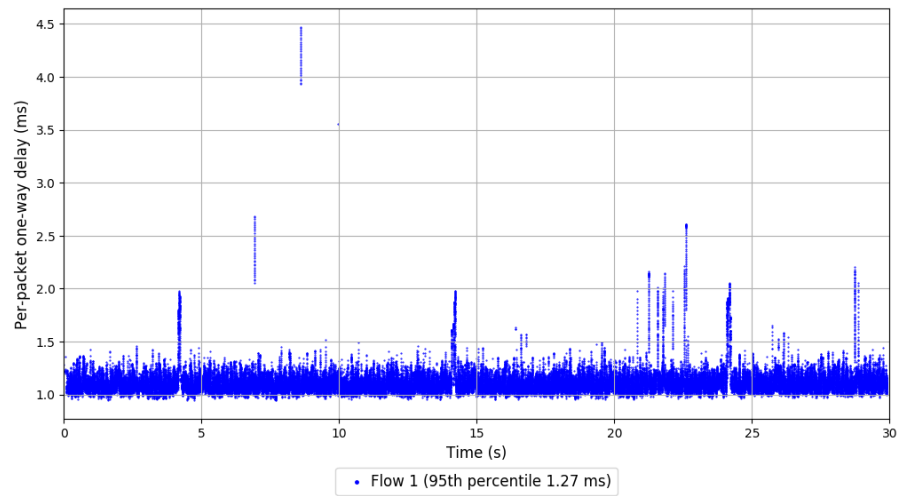
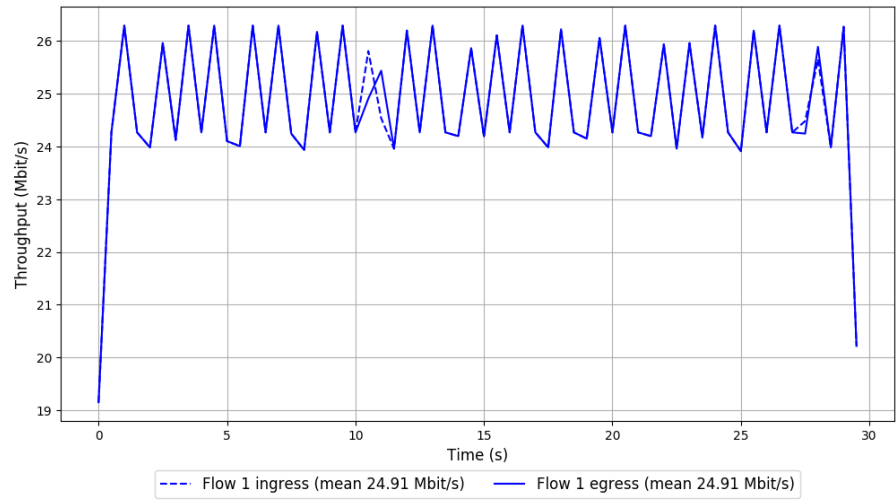


Run 6: Statistics of Sprout

Start at: 2017-09-03 02:52:10
End at: 2017-09-03 02:52:40
Local clock offset: 0.392 ms
Remote clock offset: -1.236 ms

Below is generated by plot.py at 2017-09-03 09:42:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.91 Mbit/s
95th percentile per-packet one-way delay: 1.271 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.91 Mbit/s
95th percentile per-packet one-way delay: 1.271 ms
Loss rate: 0.00%

Run 6: Report of Sprout — Data Link

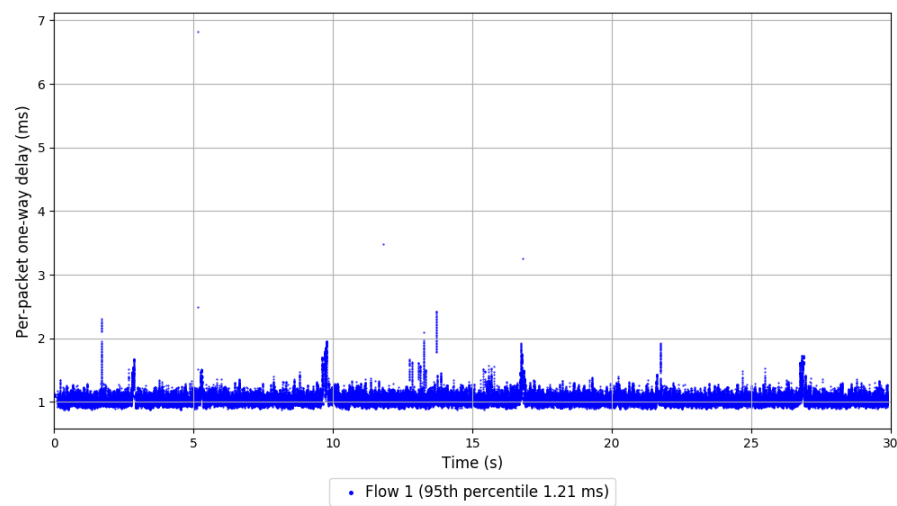
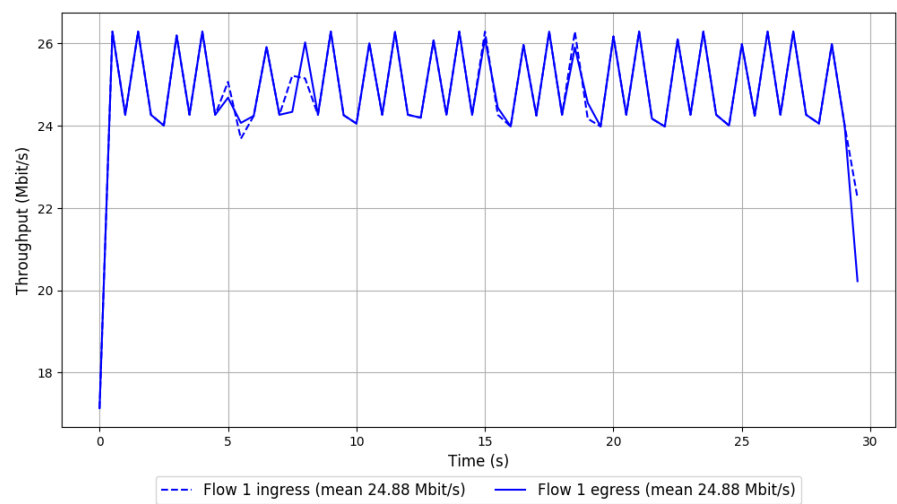


Run 7: Statistics of Sprout

Start at: 2017-09-03 03:12:47
End at: 2017-09-03 03:13:17
Local clock offset: 0.082 ms
Remote clock offset: -1.046 ms

Below is generated by plot.py at 2017-09-03 09:42:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.88 Mbit/s
95th percentile per-packet one-way delay: 1.209 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 24.88 Mbit/s
95th percentile per-packet one-way delay: 1.209 ms
Loss rate: 0.14%

Run 7: Report of Sprout — Data Link

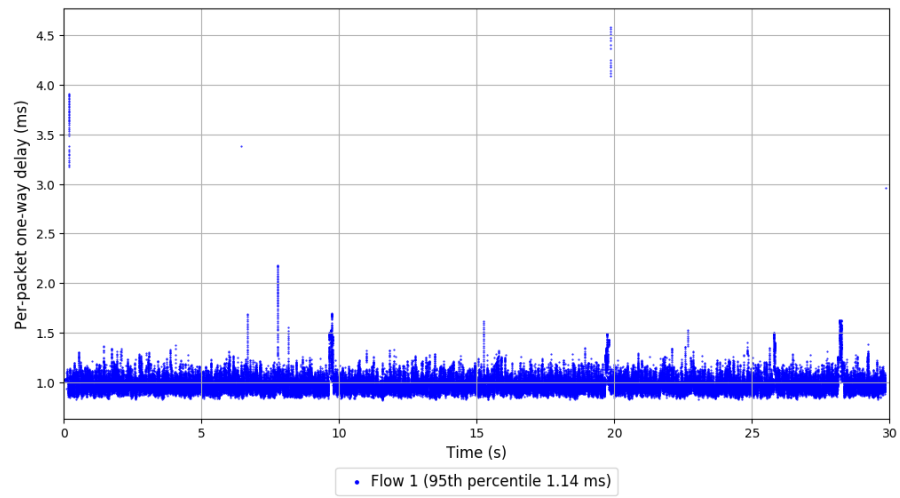
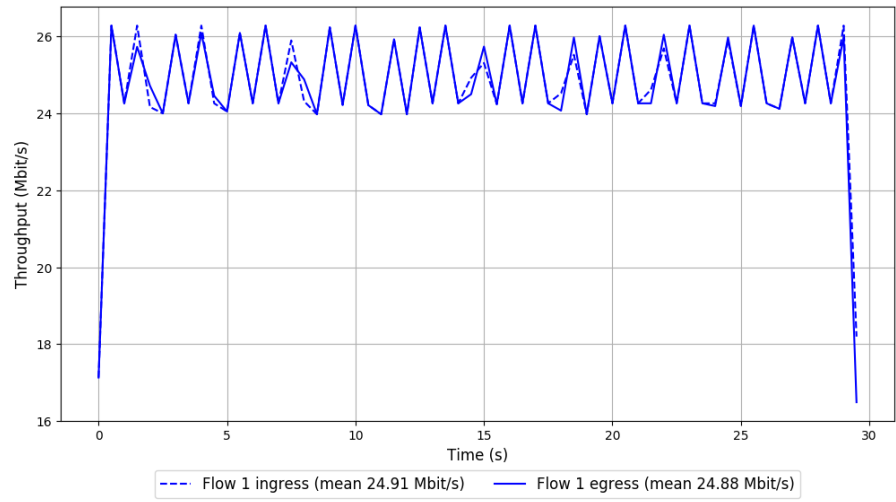


Run 8: Statistics of Sprout

Start at: 2017-09-03 03:33:27
End at: 2017-09-03 03:33:57
Local clock offset: -0.256 ms
Remote clock offset: -1.065 ms

Below is generated by plot.py at 2017-09-03 09:42:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.88 Mbit/s
95th percentile per-packet one-way delay: 1.142 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 24.88 Mbit/s
95th percentile per-packet one-way delay: 1.142 ms
Loss rate: 0.13%

Run 8: Report of Sprout — Data Link

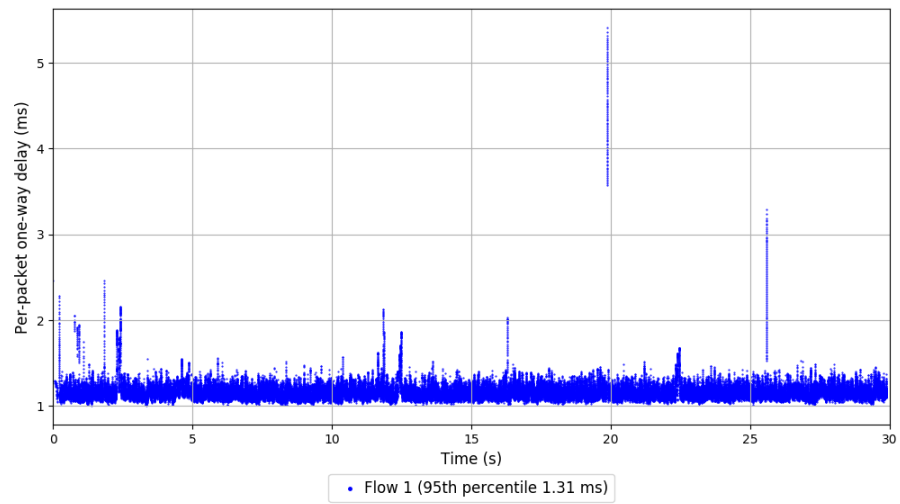
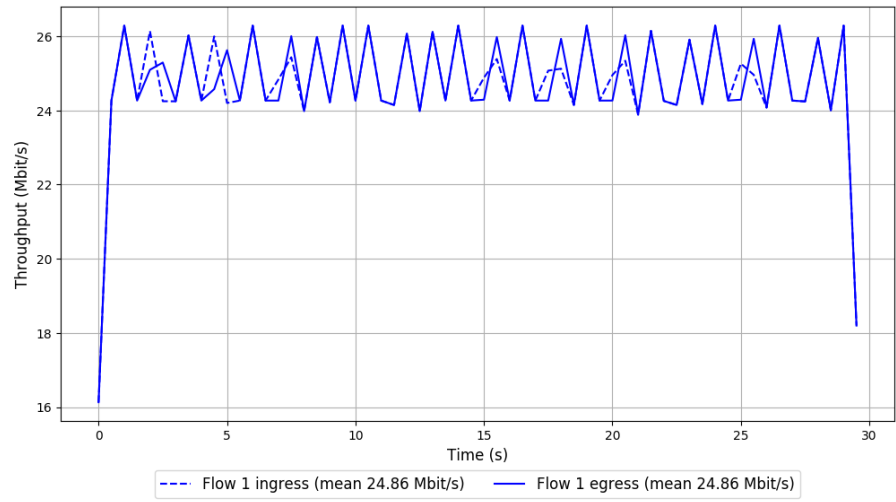


Run 9: Statistics of Sprout

Start at: 2017-09-03 03:54:04
End at: 2017-09-03 03:54:34
Local clock offset: -0.512 ms
Remote clock offset: -1.153 ms

Below is generated by plot.py at 2017-09-03 09:42:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.86 Mbit/s
95th percentile per-packet one-way delay: 1.313 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.86 Mbit/s
95th percentile per-packet one-way delay: 1.313 ms
Loss rate: 0.00%

Run 9: Report of Sprout — Data Link

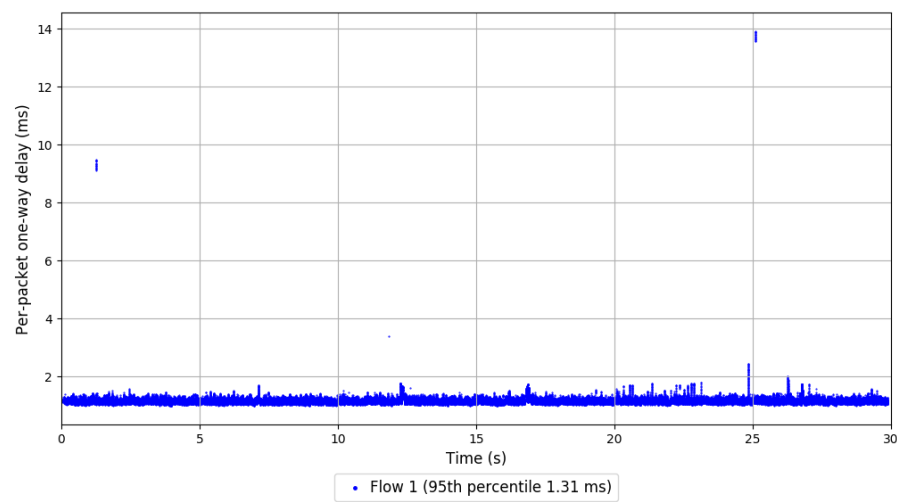
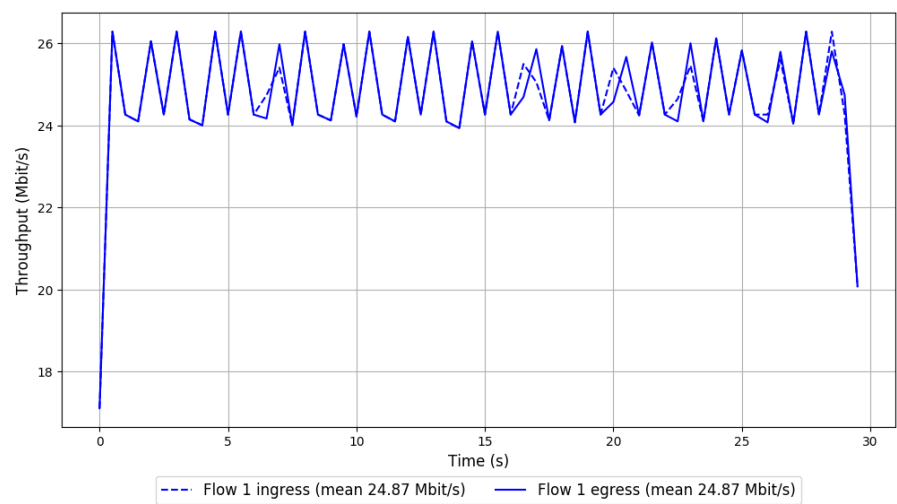


Run 10: Statistics of Sprout

Start at: 2017-09-03 04:14:40
End at: 2017-09-03 04:15:10
Local clock offset: -0.494 ms
Remote clock offset: -0.991 ms

Below is generated by plot.py at 2017-09-03 09:42:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.87 Mbit/s
95th percentile per-packet one-way delay: 1.306 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.87 Mbit/s
95th percentile per-packet one-way delay: 1.306 ms
Loss rate: 0.00%

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: 2017-09-03 01:09:54

End at: 2017-09-03 01:10:24

Local clock offset: 2.291 ms

Remote clock offset: -2.943 ms

Below is generated by plot.py at 2017-09-03 09:43:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 224.65 Mbit/s

95th percentile per-packet one-way delay: 2.562 ms

Loss rate: 0.07%

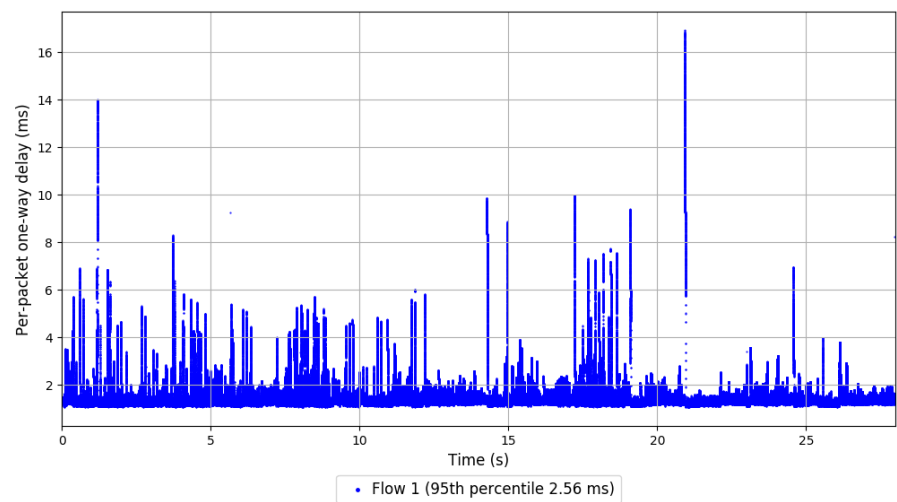
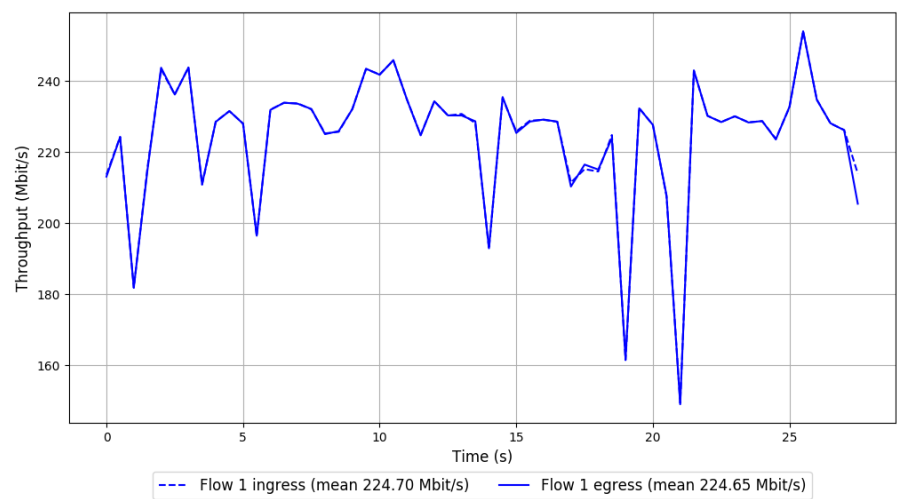
-- Flow 1:

Average throughput: 224.65 Mbit/s

95th percentile per-packet one-way delay: 2.562 ms

Loss rate: 0.07%

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



Run 2: Statistics of TaoVA-100x

Start at: 2017-09-03 01:30:33

End at: 2017-09-03 01:31:03

Local clock offset: 2.04 ms

Remote clock offset: -2.753 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 215.99 Mbit/s

95th percentile per-packet one-way delay: 2.482 ms

Loss rate: 0.07%

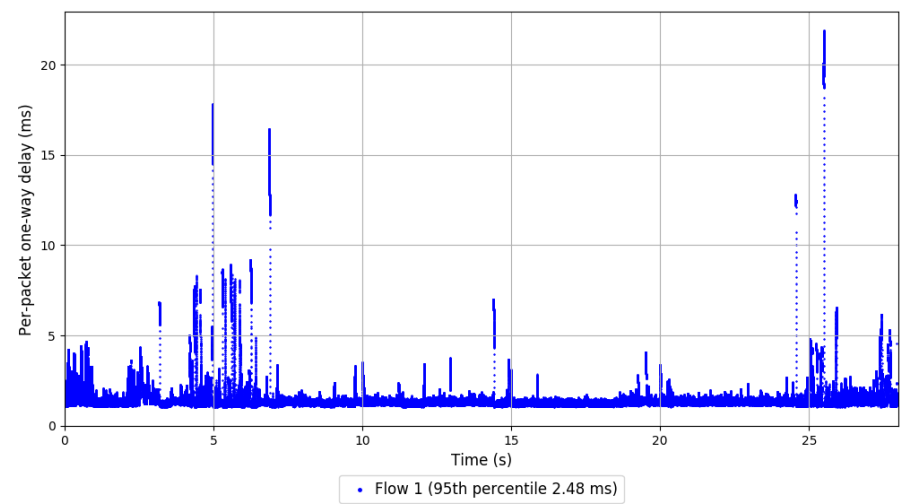
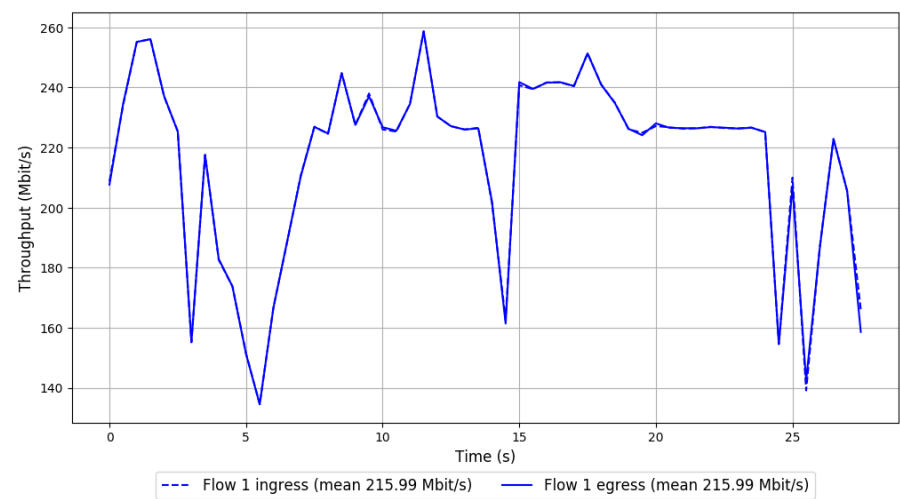
-- Flow 1:

Average throughput: 215.99 Mbit/s

95th percentile per-packet one-way delay: 2.482 ms

Loss rate: 0.07%

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

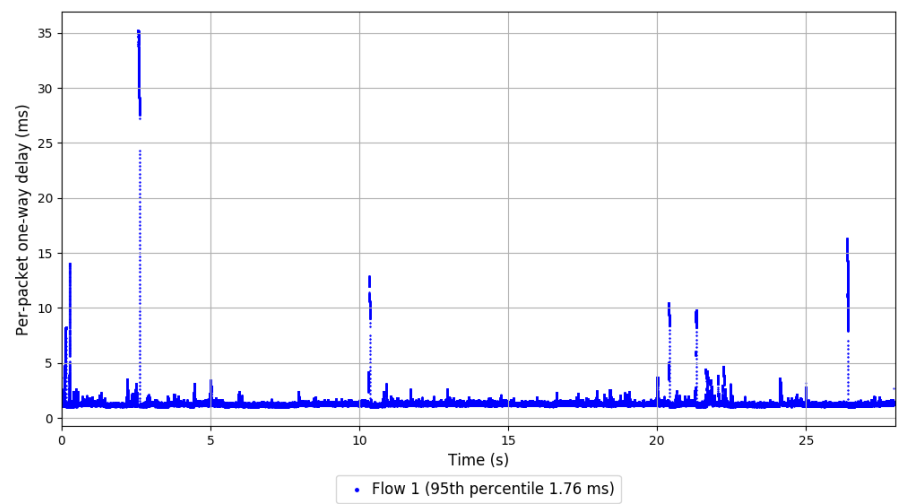
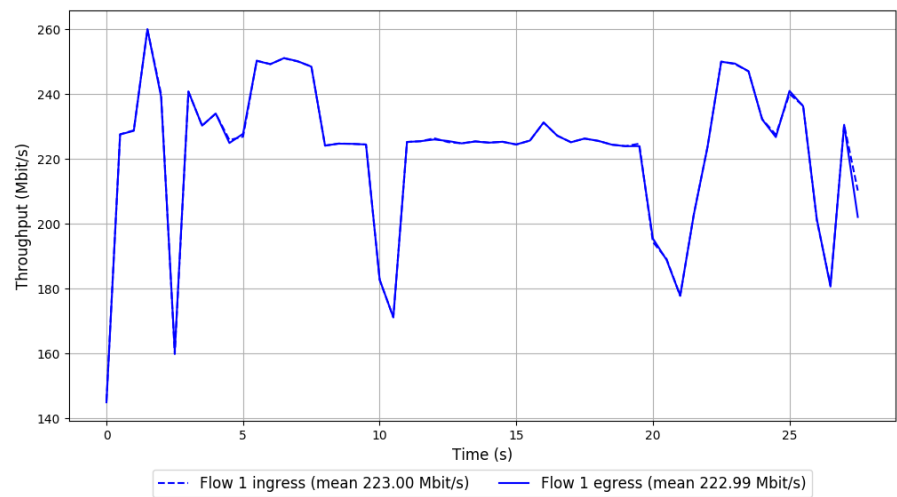


Run 3: Statistics of TaoVA-100x

Start at: 2017-09-03 01:51:17
End at: 2017-09-03 01:51:47
Local clock offset: 1.765 ms
Remote clock offset: -2.414 ms

Below is generated by plot.py at 2017-09-03 09:43:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 222.99 Mbit/s
95th percentile per-packet one-way delay: 1.765 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 222.99 Mbit/s
95th percentile per-packet one-way delay: 1.765 ms
Loss rate: 0.07%

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



Run 4: Statistics of TaoVA-100x

Start at: 2017-09-03 02:12:06

End at: 2017-09-03 02:12:36

Local clock offset: 1.354 ms

Remote clock offset: -2.119 ms

Below is generated by plot.py at 2017-09-03 09:43:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 203.50 Mbit/s

95th percentile per-packet one-way delay: 3.647 ms

Loss rate: 0.08%

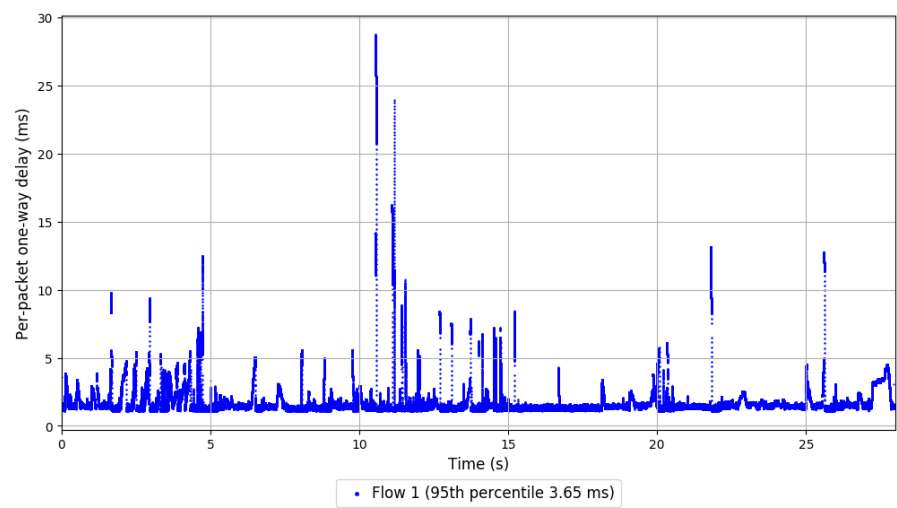
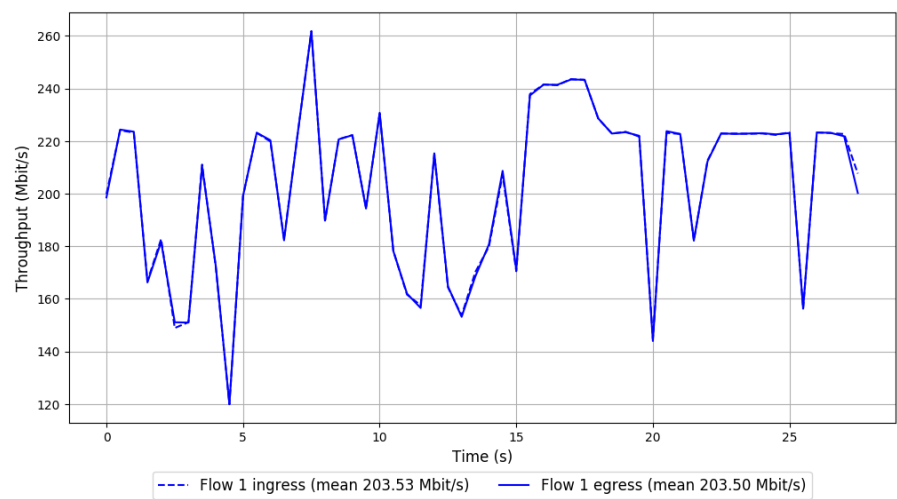
-- Flow 1:

Average throughput: 203.50 Mbit/s

95th percentile per-packet one-way delay: 3.647 ms

Loss rate: 0.08%

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

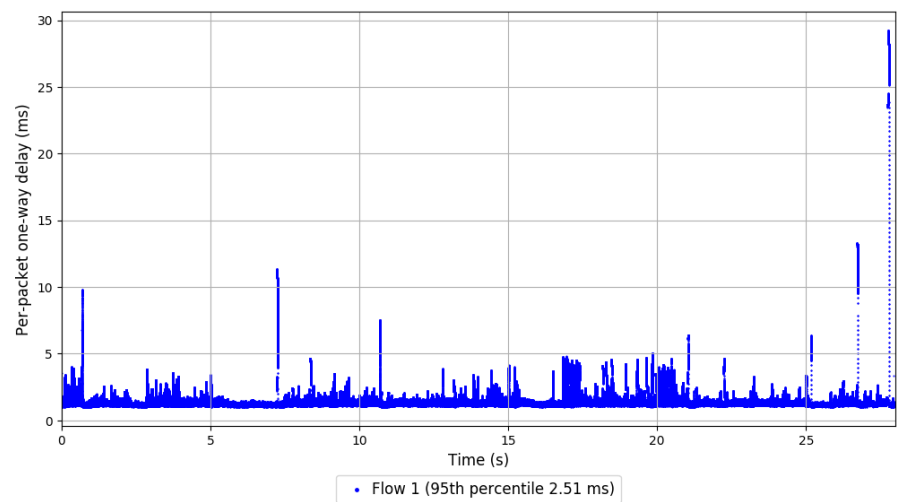
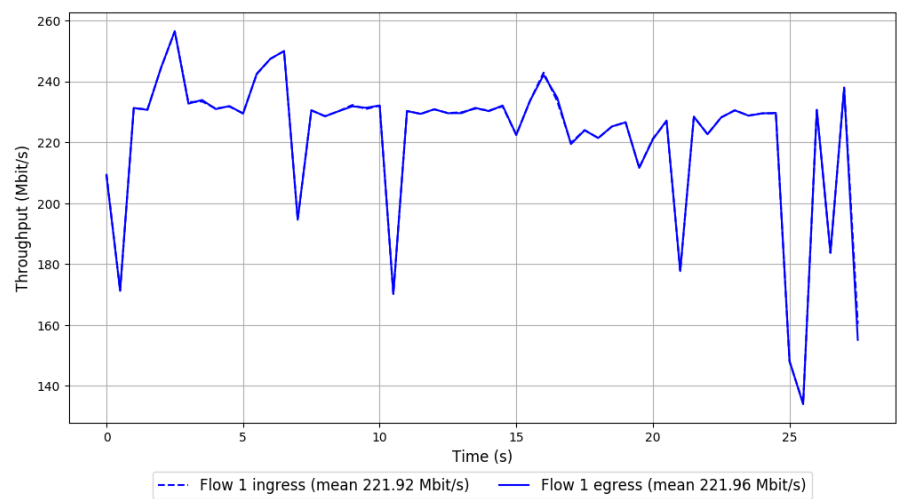


Run 5: Statistics of TaoVA-100x

Start at: 2017-09-03 02:32:41
End at: 2017-09-03 02:33:11
Local clock offset: 0.868 ms
Remote clock offset: -1.635 ms

Below is generated by plot.py at 2017-09-03 09:44:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 221.96 Mbit/s
95th percentile per-packet one-way delay: 2.510 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 221.96 Mbit/s
95th percentile per-packet one-way delay: 2.510 ms
Loss rate: 0.05%

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



Run 6: Statistics of TaoVA-100x

Start at: 2017-09-03 02:53:21

End at: 2017-09-03 02:53:51

Local clock offset: 0.387 ms

Remote clock offset: -1.272 ms

Below is generated by plot.py at 2017-09-03 09:44:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 219.69 Mbit/s

95th percentile per-packet one-way delay: 2.150 ms

Loss rate: 0.09%

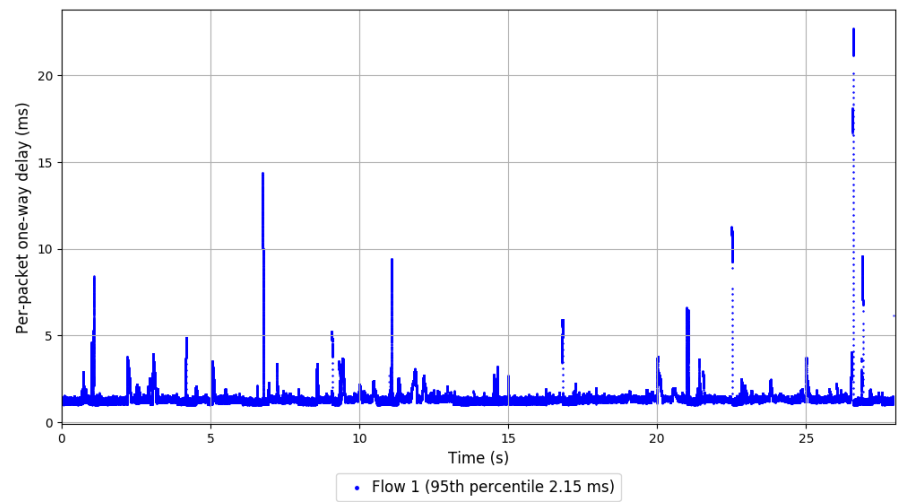
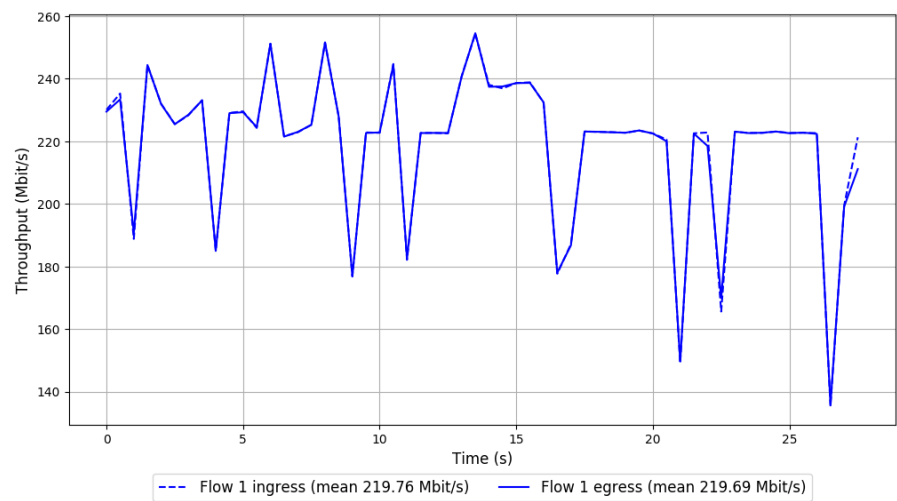
-- Flow 1:

Average throughput: 219.69 Mbit/s

95th percentile per-packet one-way delay: 2.150 ms

Loss rate: 0.09%

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



Run 7: Statistics of TaoVA-100x

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

End at: 2017-09-03 03:14:28

Local clock offset: 0.163 ms

Remote clock offset: -1.131 ms

Below is generated by plot.py at 2017-09-03 09:45:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 211.34 Mbit/s

95th percentile per-packet one-way delay: 2.072 ms

Loss rate: 0.09%

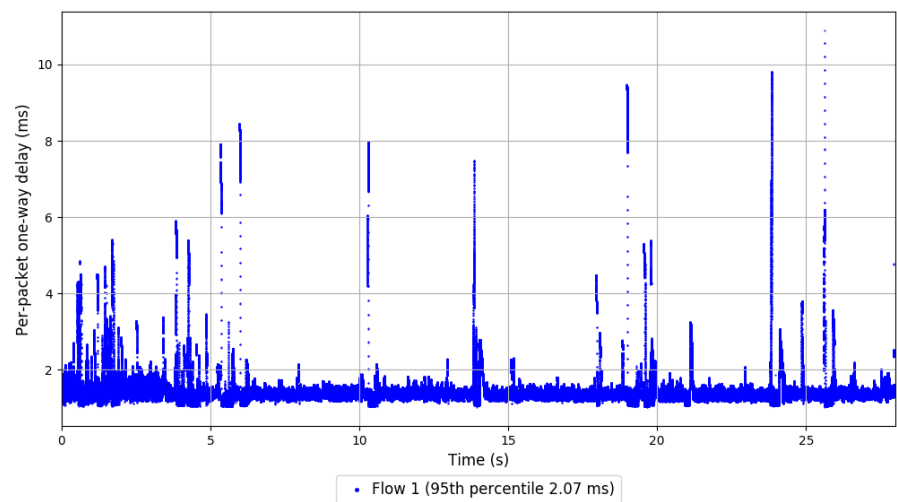
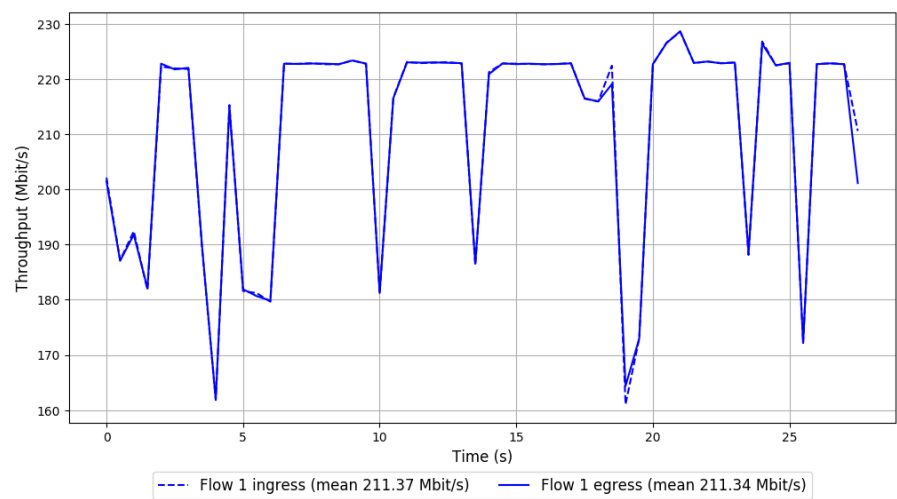
-- Flow 1:

Average throughput: 211.34 Mbit/s

95th percentile per-packet one-way delay: 2.072 ms

Loss rate: 0.09%

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

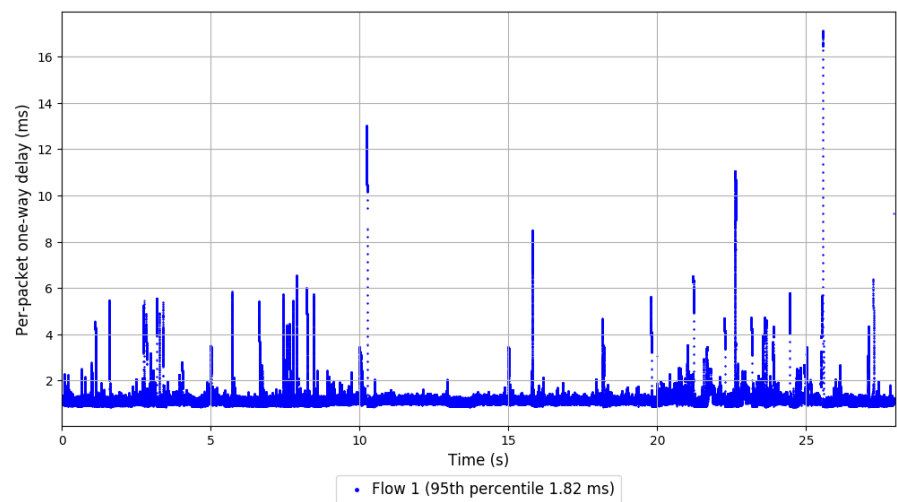
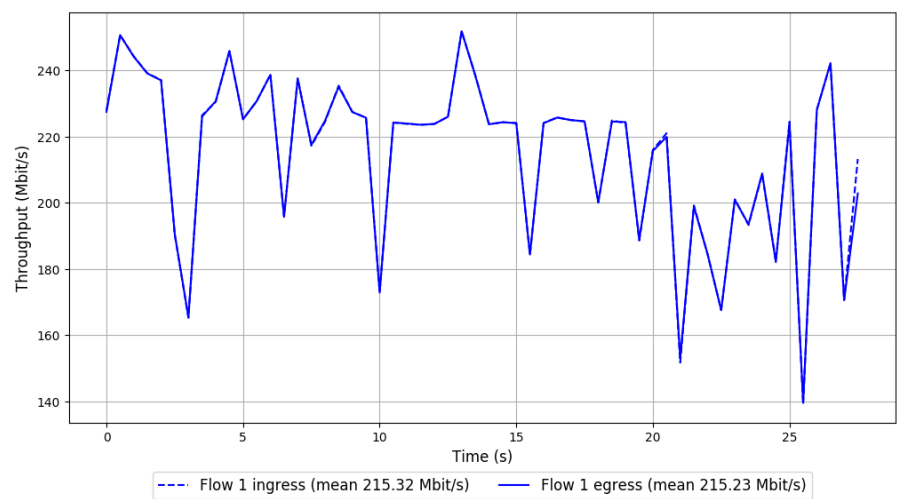


Run 8: Statistics of TaoVA-100x

Start at: 2017-09-03 03:34:38
End at: 2017-09-03 03:35:08
Local clock offset: -0.252 ms
Remote clock offset: -1.084 ms

Below is generated by plot.py at 2017-09-03 09:45:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 215.23 Mbit/s
95th percentile per-packet one-way delay: 1.819 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 215.23 Mbit/s
95th percentile per-packet one-way delay: 1.819 ms
Loss rate: 0.09%

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

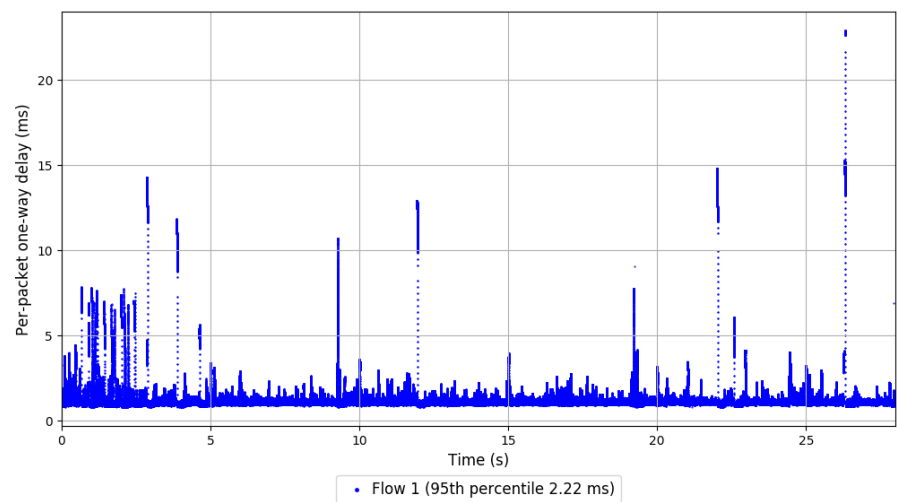
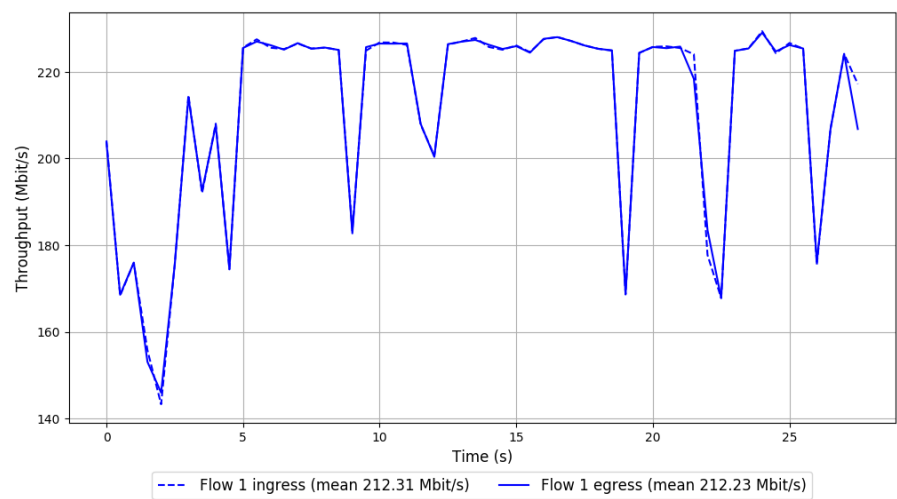


Run 9: Statistics of TaoVA-100x

Start at: 2017-09-03 03:55:16
End at: 2017-09-03 03:55:46
Local clock offset: -0.641 ms
Remote clock offset: -1.089 ms

Below is generated by plot.py at 2017-09-03 09:46:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 212.23 Mbit/s
95th percentile per-packet one-way delay: 2.217 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 212.23 Mbit/s
95th percentile per-packet one-way delay: 2.217 ms
Loss rate: 0.09%

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

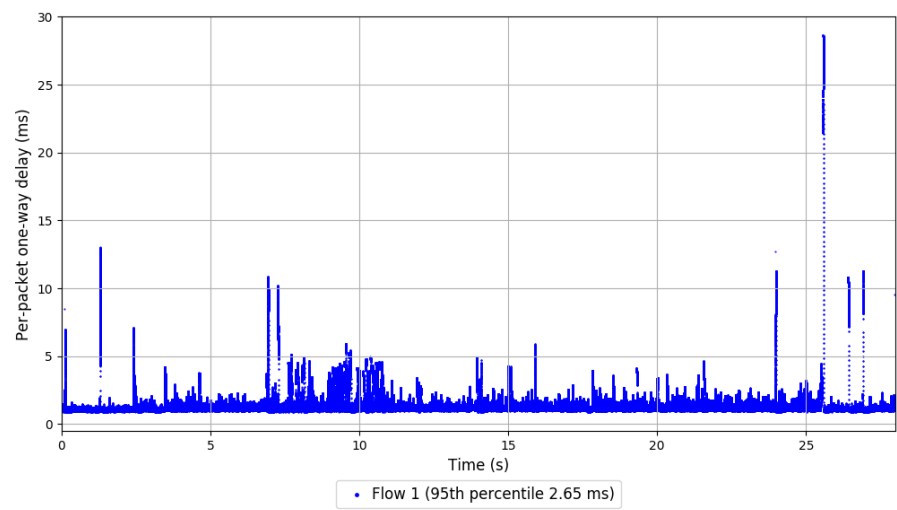
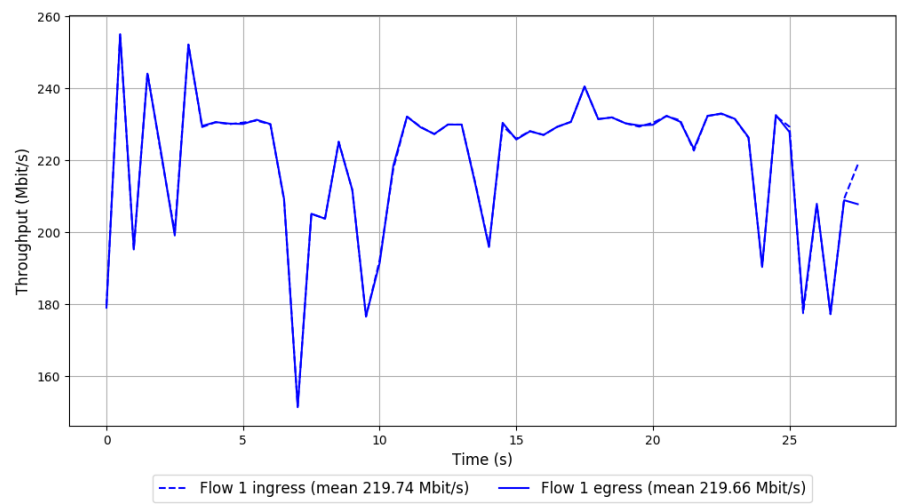


Run 10: Statistics of TaoVA-100x

Start at: 2017-09-03 04:15:51
End at: 2017-09-03 04:16:21
Local clock offset: -0.575 ms
Remote clock offset: -0.941 ms

Below is generated by plot.py at 2017-09-03 09:46:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 219.66 Mbit/s
95th percentile per-packet one-way delay: 2.650 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 219.66 Mbit/s
95th percentile per-packet one-way delay: 2.650 ms
Loss rate: 0.09%

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

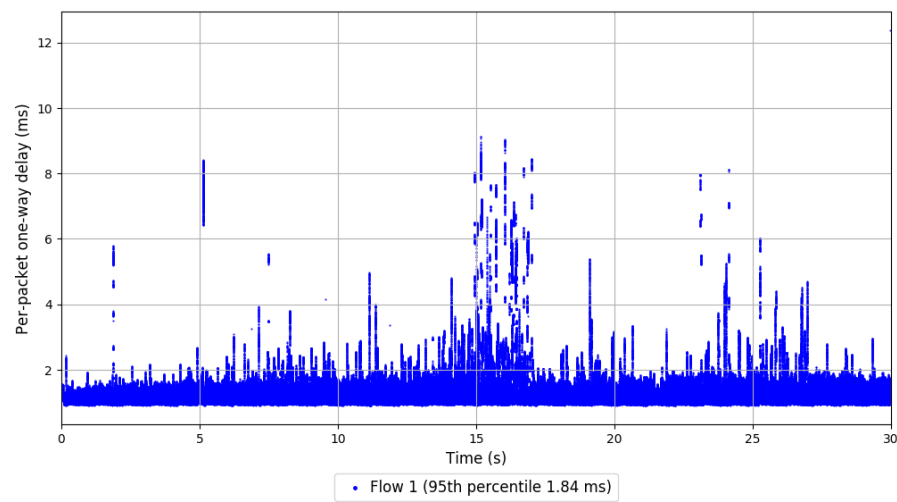
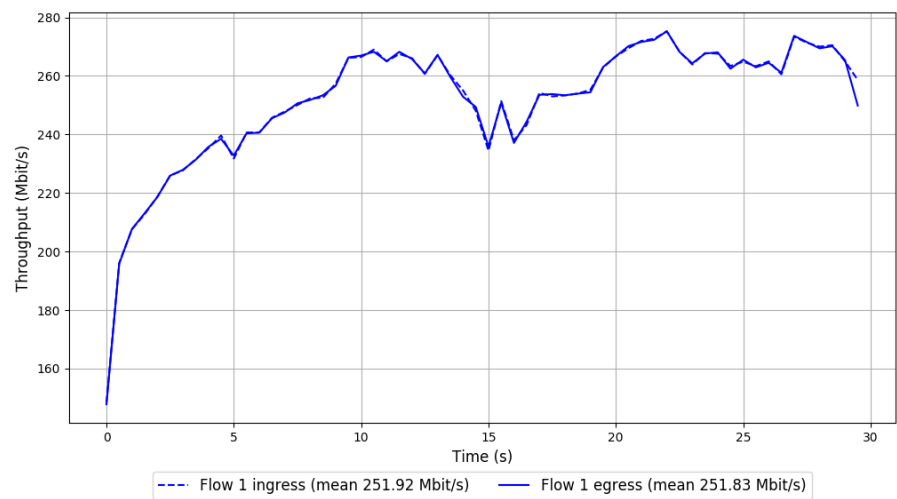


Run 1: Statistics of TCP Vegas

Start at: 2017-09-03 00:55:14
End at: 2017-09-03 00:55:44
Local clock offset: 2.485 ms
Remote clock offset: -3.243 ms

Below is generated by plot.py at 2017-09-03 09:46:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 251.83 Mbit/s
95th percentile per-packet one-way delay: 1.837 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 251.83 Mbit/s
95th percentile per-packet one-way delay: 1.837 ms
Loss rate: 0.06%

Run 1: Report of TCP Vegas — Data Link

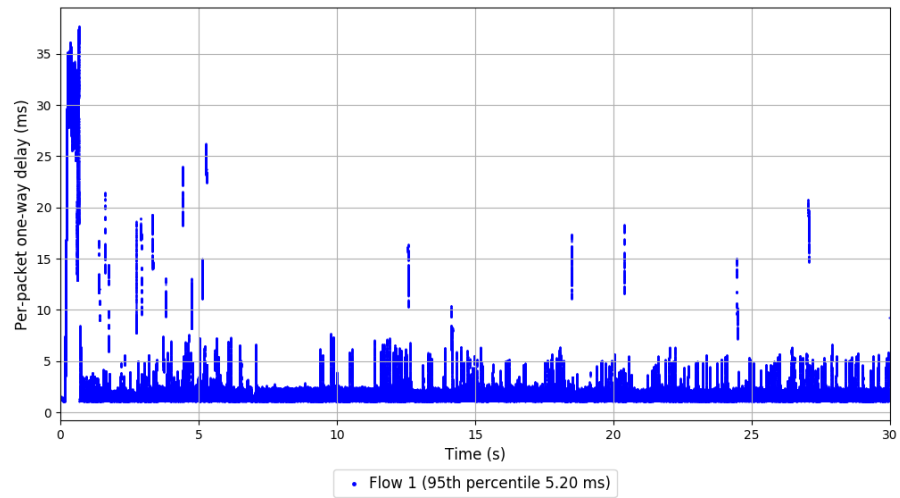
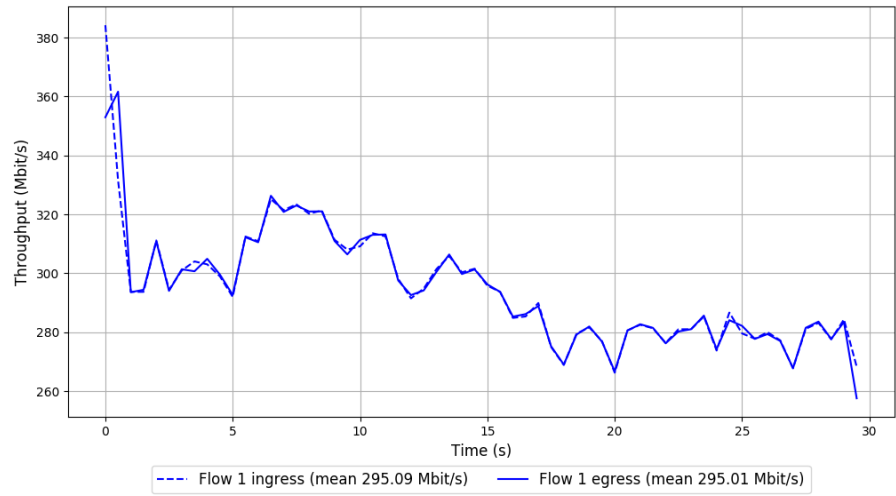


Run 2: Statistics of TCP Vegas

Start at: 2017-09-03 01:15:45
End at: 2017-09-03 01:16:15
Local clock offset: 2.193 ms
Remote clock offset: -2.889 ms

Below is generated by plot.py at 2017-09-03 09:47:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 295.01 Mbit/s
95th percentile per-packet one-way delay: 5.197 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 295.01 Mbit/s
95th percentile per-packet one-way delay: 5.197 ms
Loss rate: 0.07%

Run 2: Report of TCP Vegas — Data Link

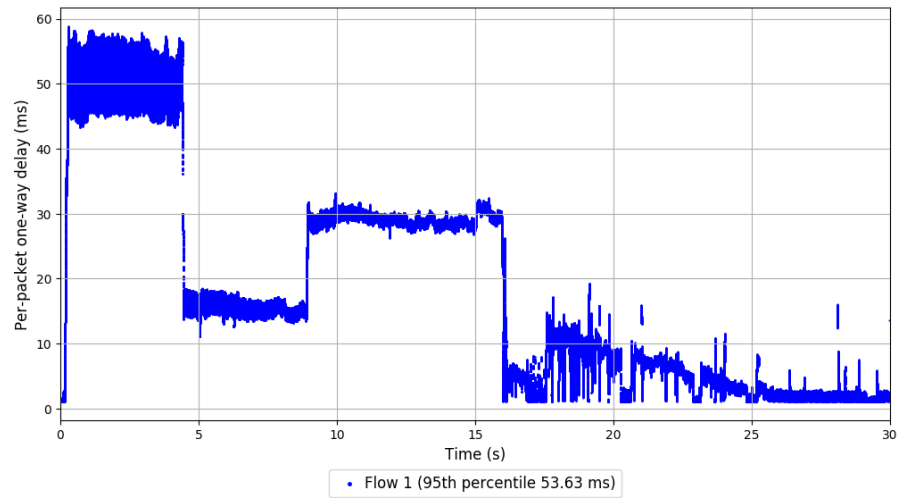
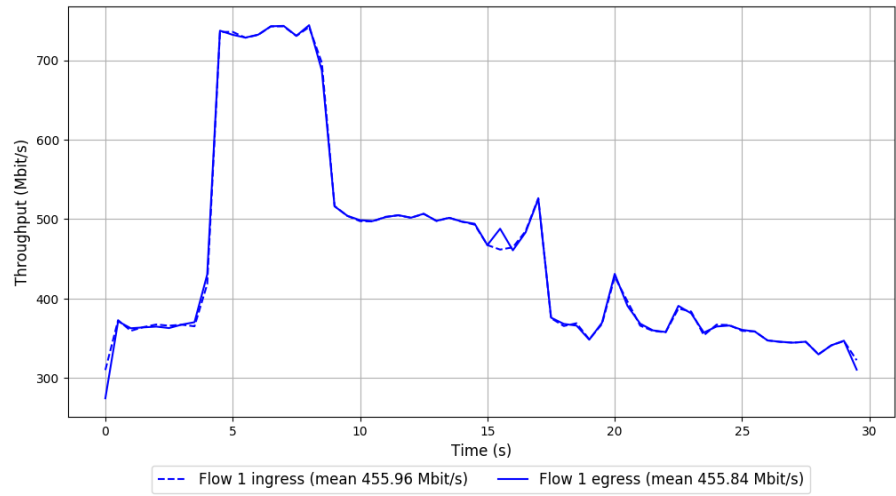


Run 3: Statistics of TCP Vegas

Start at: 2017-09-03 01:36:24
End at: 2017-09-03 01:36:54
Local clock offset: 2.042 ms
Remote clock offset: -2.587 ms

Below is generated by plot.py at 2017-09-03 09:47:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 455.84 Mbit/s
95th percentile per-packet one-way delay: 53.635 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 455.84 Mbit/s
95th percentile per-packet one-way delay: 53.635 ms
Loss rate: 0.05%

Run 3: Report of TCP Vegas — Data Link

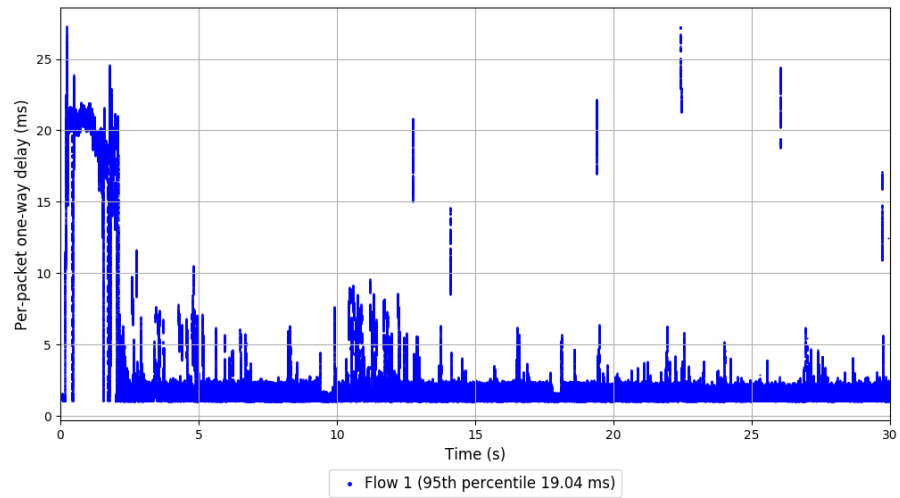
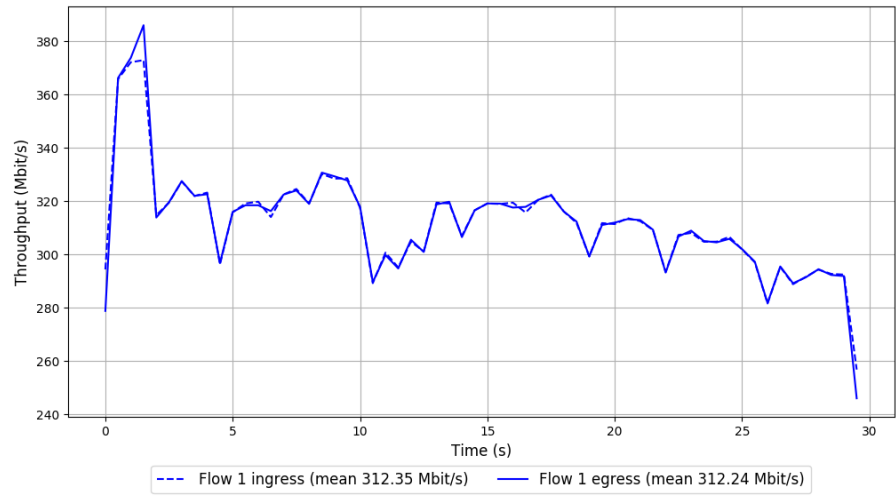


Run 4: Statistics of TCP Vegas

Start at: 2017-09-03 01:57:16
End at: 2017-09-03 01:57:46
Local clock offset: 1.684 ms
Remote clock offset: -2.112 ms

Below is generated by plot.py at 2017-09-03 09:47:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 312.24 Mbit/s
95th percentile per-packet one-way delay: 19.037 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 312.24 Mbit/s
95th percentile per-packet one-way delay: 19.037 ms
Loss rate: 0.06%

Run 4: Report of TCP Vegas — Data Link

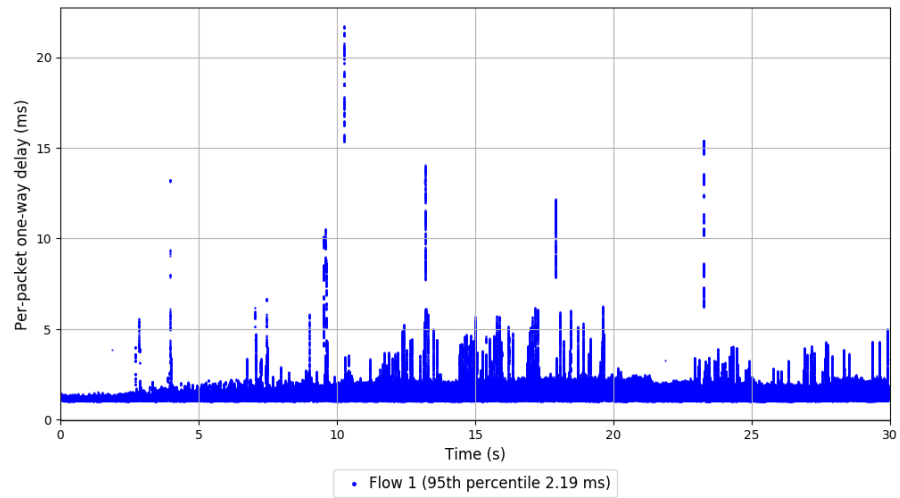
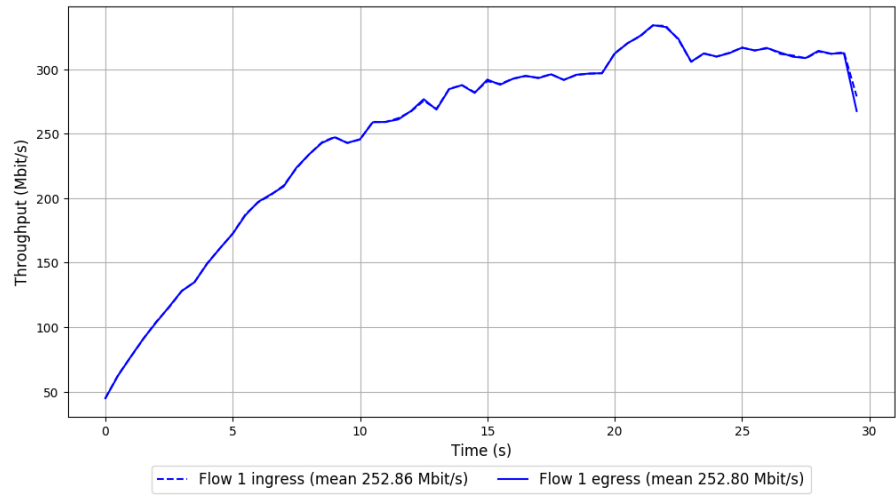


Run 5: Statistics of TCP Vegas

Start at: 2017-09-03 02:17:57
End at: 2017-09-03 02:18:27
Local clock offset: 1.183 ms
Remote clock offset: -2.001 ms

Below is generated by plot.py at 2017-09-03 09:48:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 252.80 Mbit/s
95th percentile per-packet one-way delay: 2.191 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 252.80 Mbit/s
95th percentile per-packet one-way delay: 2.191 ms
Loss rate: 0.08%

Run 5: Report of TCP Vegas — Data Link

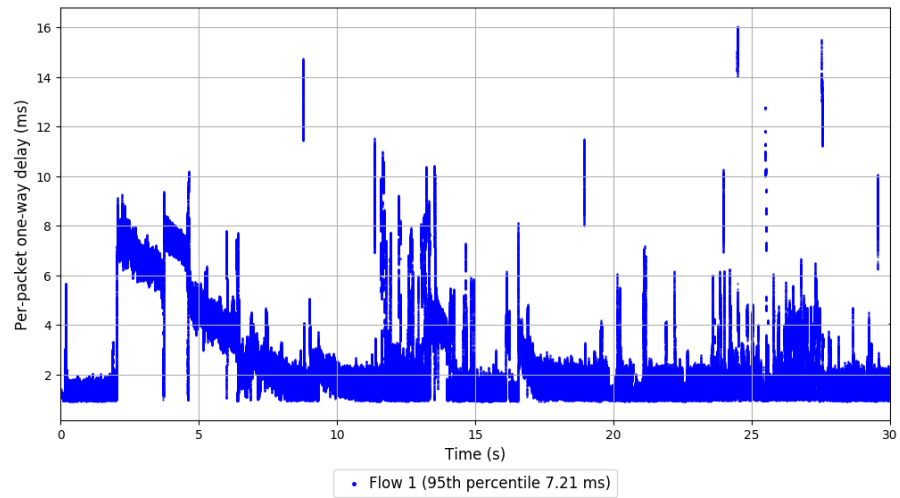
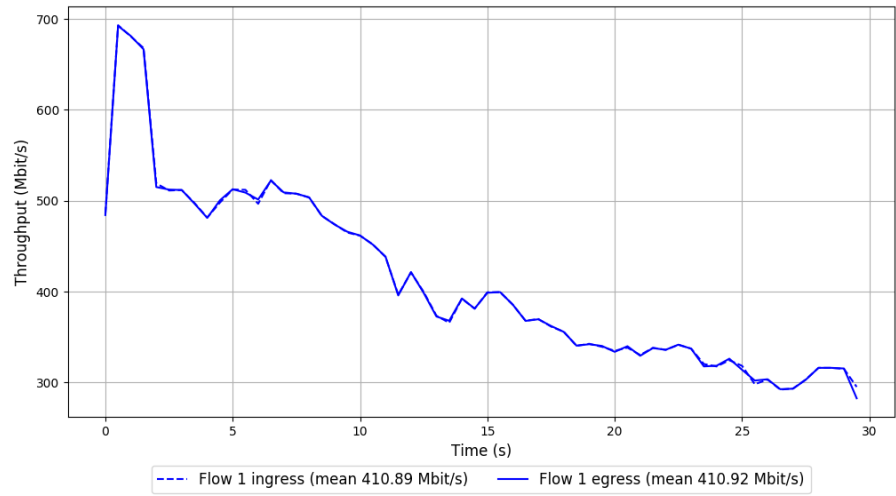


Run 6: Statistics of TCP Vegas

Start at: 2017-09-03 02:38:36
End at: 2017-09-03 02:39:06
Local clock offset: 0.624 ms
Remote clock offset: -1.529 ms

Below is generated by plot.py at 2017-09-03 09:48:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 410.92 Mbit/s
95th percentile per-packet one-way delay: 7.207 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 410.92 Mbit/s
95th percentile per-packet one-way delay: 7.207 ms
Loss rate: 0.05%

Run 6: Report of TCP Vegas — Data Link

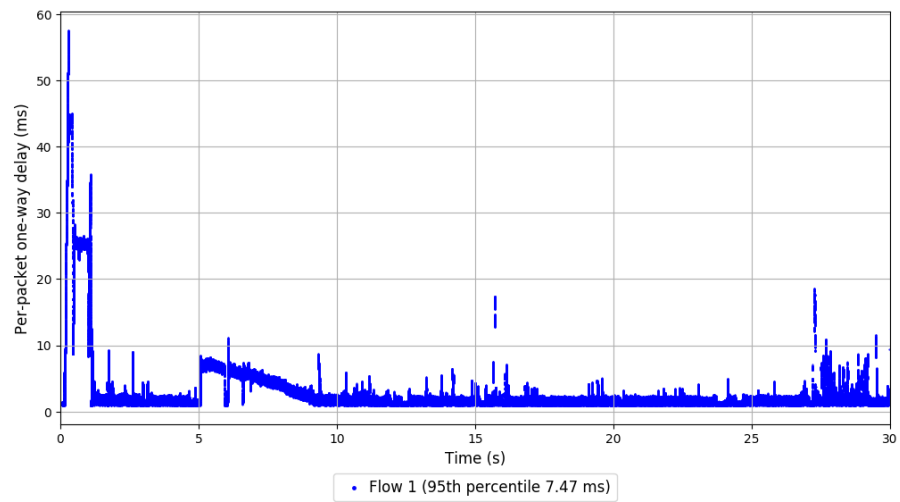
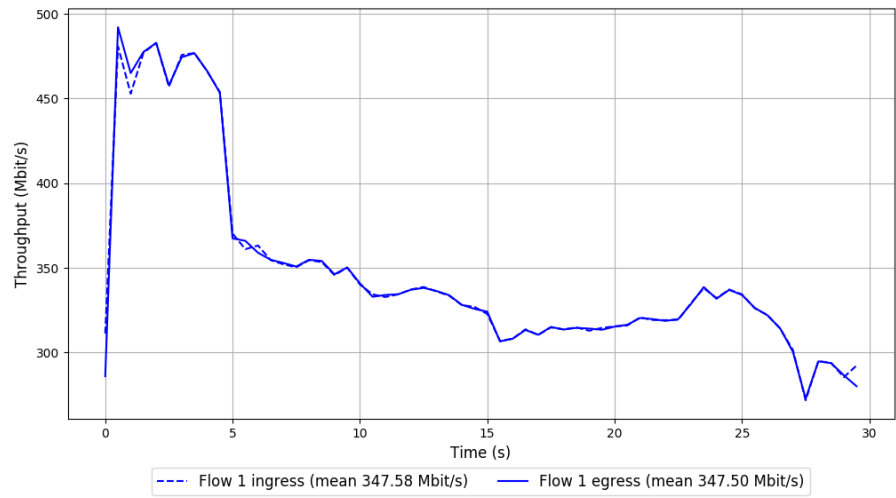


Run 7: Statistics of TCP Vegas

Start at: 2017-09-03 02:59:11
End at: 2017-09-03 02:59:41
Local clock offset: 0.229 ms
Remote clock offset: -1.144 ms

Below is generated by plot.py at 2017-09-03 09:48:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 347.50 Mbit/s
95th percentile per-packet one-way delay: 7.474 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 347.50 Mbit/s
95th percentile per-packet one-way delay: 7.474 ms
Loss rate: 0.06%

Run 7: Report of TCP Vegas — Data Link

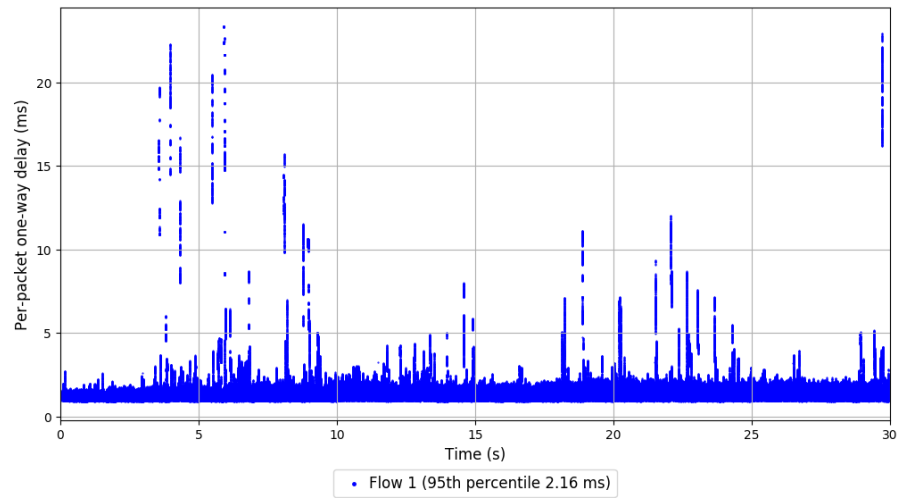
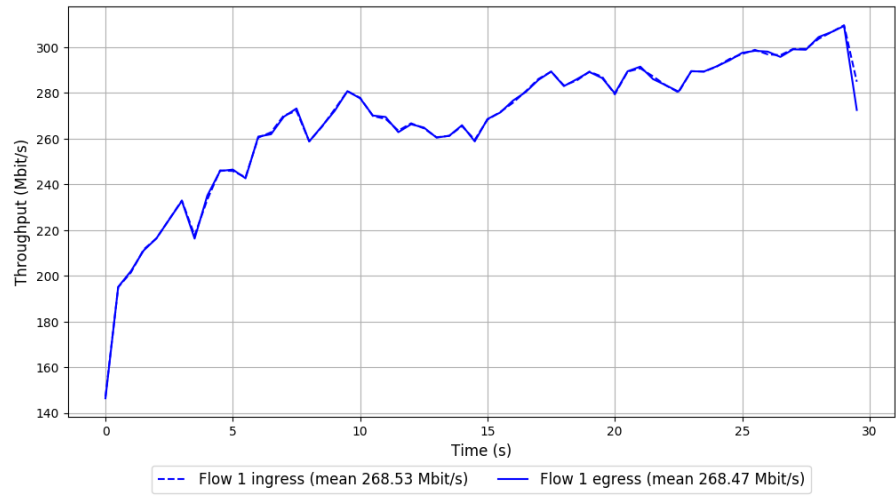


Run 8: Statistics of TCP Vegas

Start at: 2017-09-03 03:19:51
End at: 2017-09-03 03:20:21
Local clock offset: 0.022 ms
Remote clock offset: -1.047 ms

Below is generated by plot.py at 2017-09-03 09:49:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 268.47 Mbit/s
95th percentile per-packet one-way delay: 2.156 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 268.47 Mbit/s
95th percentile per-packet one-way delay: 2.156 ms
Loss rate: 0.08%

Run 8: Report of TCP Vegas — Data Link

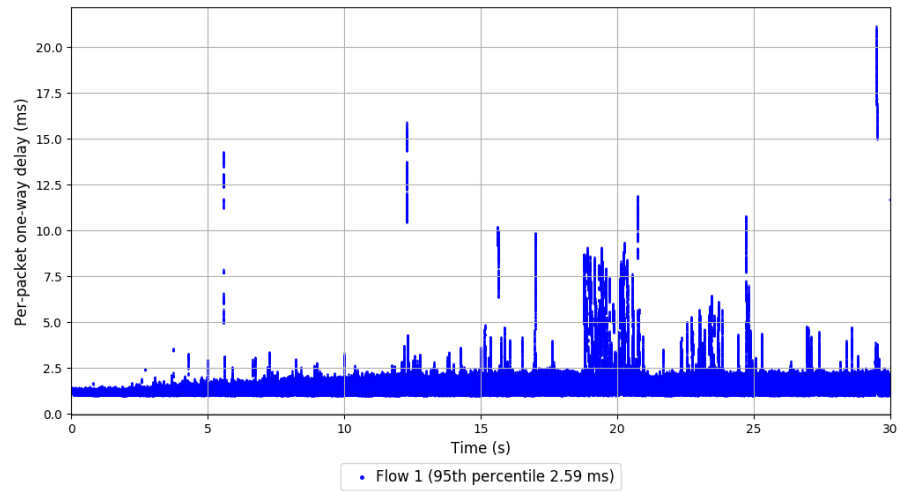
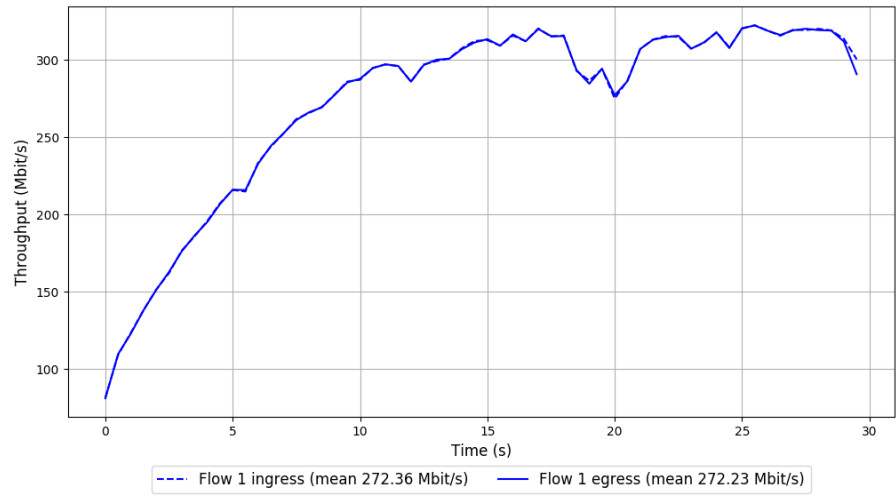


Run 9: Statistics of TCP Vegas

Start at: 2017-09-03 03:40:25
End at: 2017-09-03 03:40:55
Local clock offset: -0.306 ms
Remote clock offset: -1.156 ms

Below is generated by plot.py at 2017-09-03 09:49:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 272.23 Mbit/s
95th percentile per-packet one-way delay: 2.586 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 272.23 Mbit/s
95th percentile per-packet one-way delay: 2.586 ms
Loss rate: 0.08%

Run 9: Report of TCP Vegas — Data Link

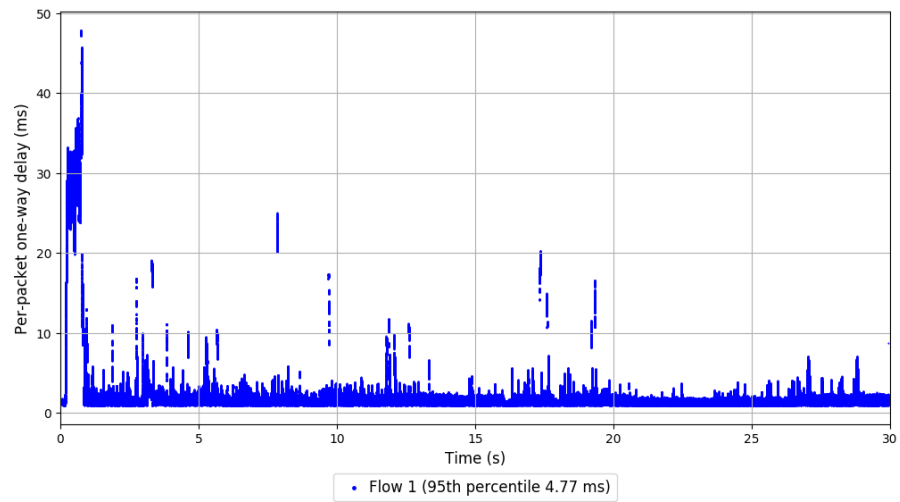
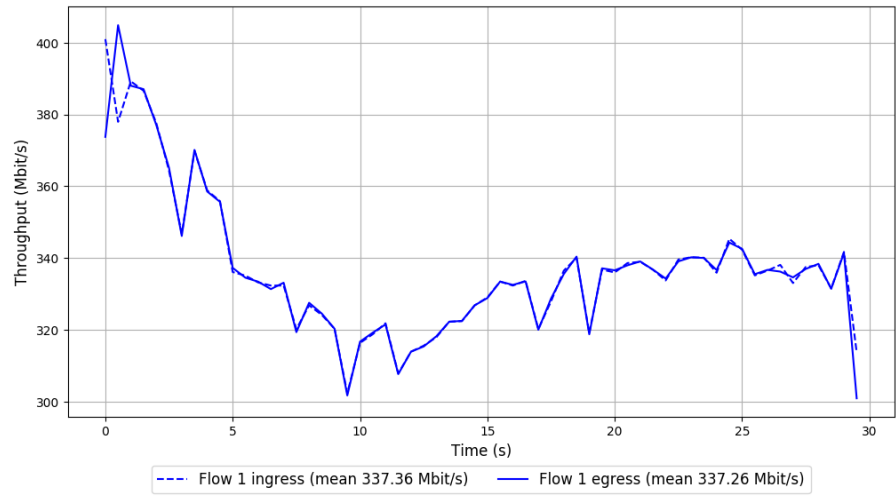


Run 10: Statistics of TCP Vegas

Start at: 2017-09-03 04:01:01
End at: 2017-09-03 04:01:31
Local clock offset: -0.655 ms
Remote clock offset: -1.005 ms

Below is generated by plot.py at 2017-09-03 09:49:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 337.26 Mbit/s
95th percentile per-packet one-way delay: 4.773 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 337.26 Mbit/s
95th percentile per-packet one-way delay: 4.773 ms
Loss rate: 0.07%

Run 10: Report of TCP Vegas — Data Link

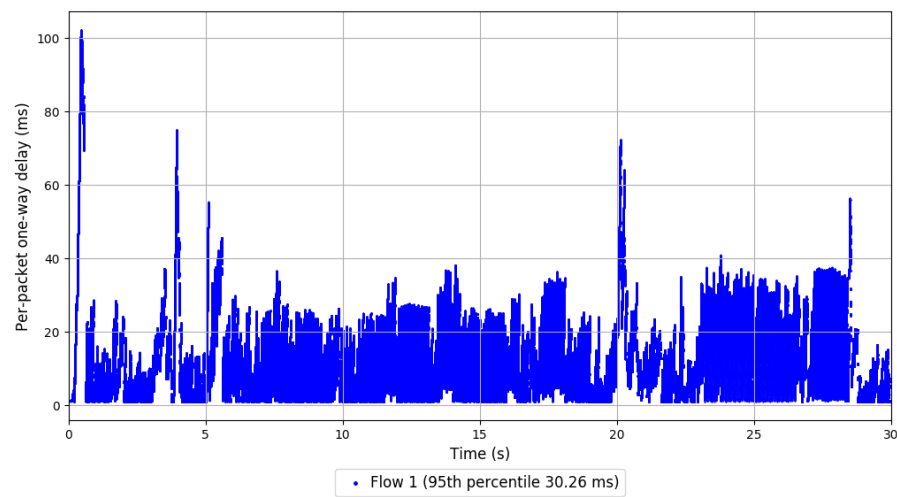
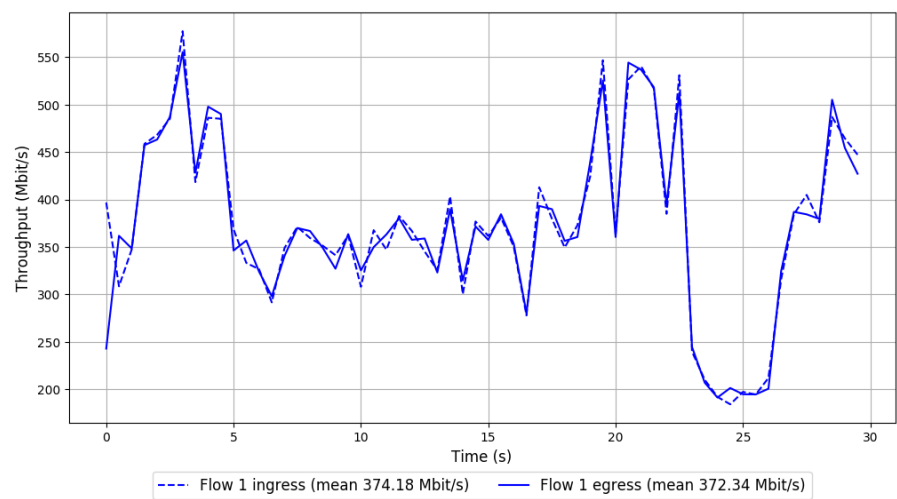


Run 1: Statistics of Verus

Start at: 2017-09-03 01:11:22
End at: 2017-09-03 01:11:52
Local clock offset: 2.276 ms
Remote clock offset: -2.819 ms

Below is generated by plot.py at 2017-09-03 09:50:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 372.34 Mbit/s
95th percentile per-packet one-way delay: 30.261 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 372.34 Mbit/s
95th percentile per-packet one-way delay: 30.261 ms
Loss rate: 0.56%

Run 1: Report of Verus — Data Link

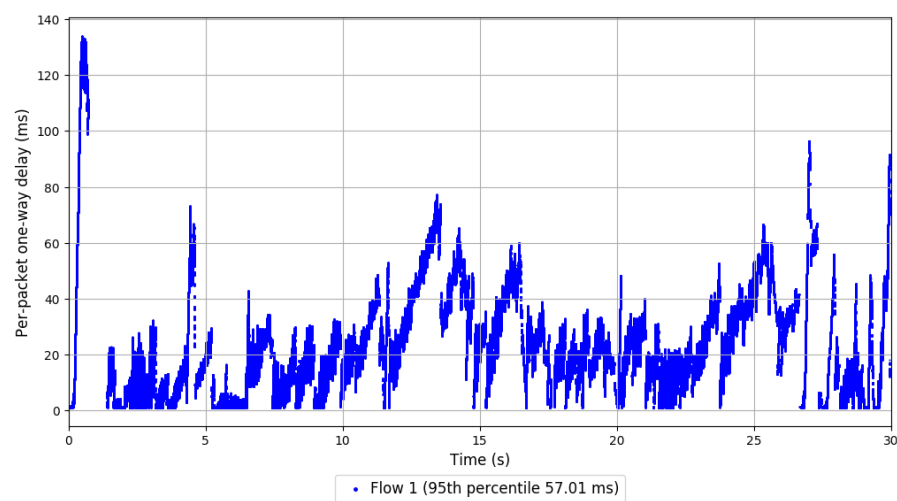
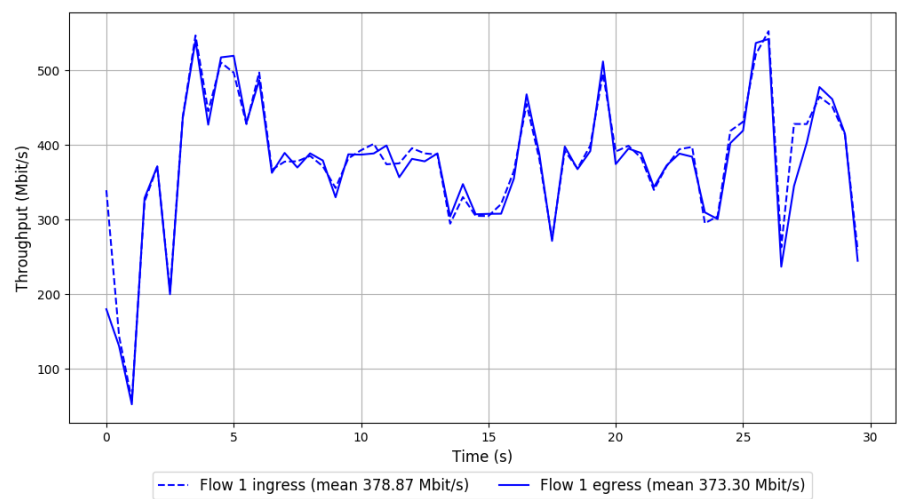


Run 2: Statistics of Verus

Start at: 2017-09-03 01:32:01
End at: 2017-09-03 01:32:31
Local clock offset: 1.971 ms
Remote clock offset: -2.744 ms

Below is generated by plot.py at 2017-09-03 09:50:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 373.30 Mbit/s
95th percentile per-packet one-way delay: 57.009 ms
Loss rate: 1.50%
-- Flow 1:
Average throughput: 373.30 Mbit/s
95th percentile per-packet one-way delay: 57.009 ms
Loss rate: 1.50%

Run 2: Report of Verus — Data Link

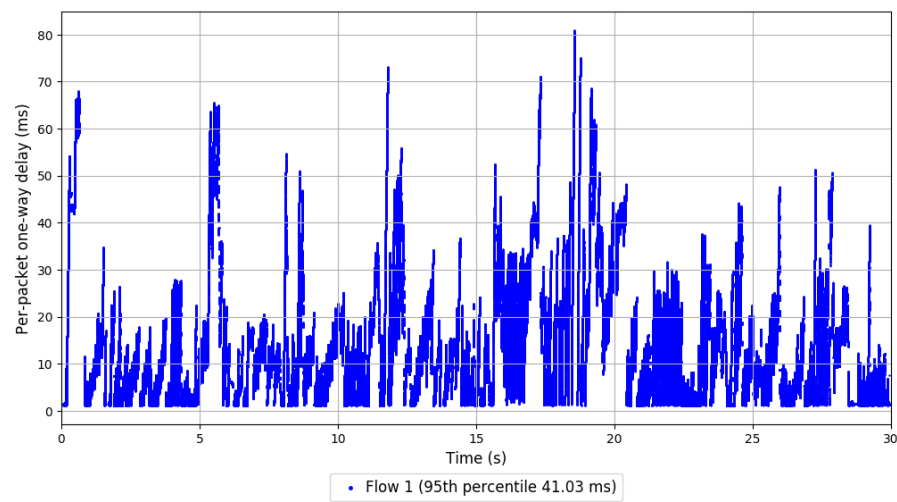
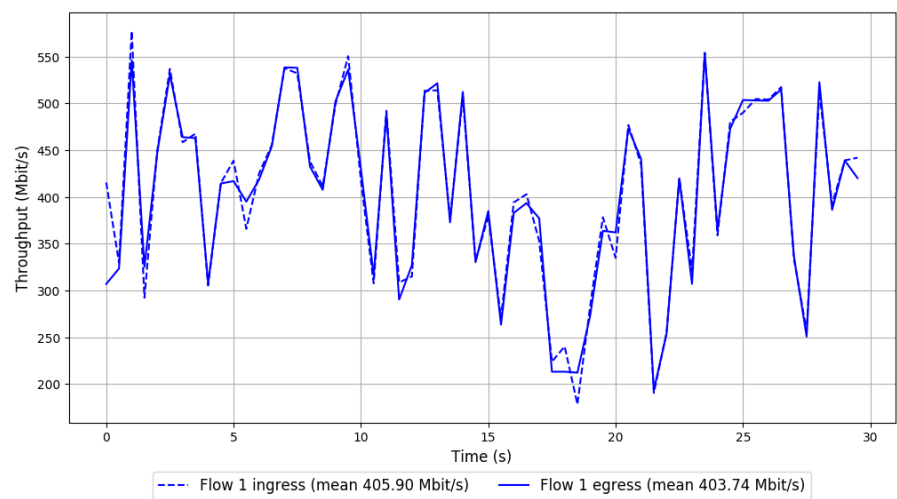


Run 3: Statistics of Verus

Start at: 2017-09-03 01:52:46
End at: 2017-09-03 01:53:16
Local clock offset: 1.756 ms
Remote clock offset: -2.413 ms

Below is generated by plot.py at 2017-09-03 09:51:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 403.74 Mbit/s
95th percentile per-packet one-way delay: 41.029 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 403.74 Mbit/s
95th percentile per-packet one-way delay: 41.029 ms
Loss rate: 0.58%

Run 3: Report of Verus — Data Link

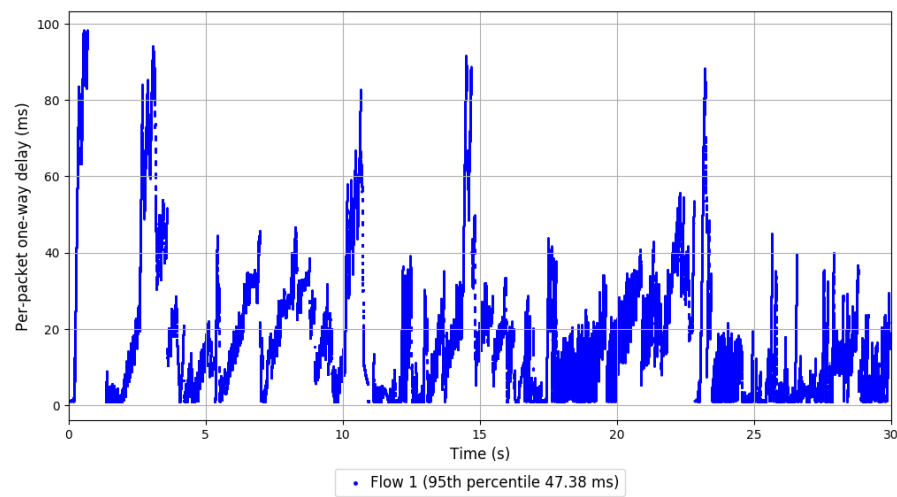
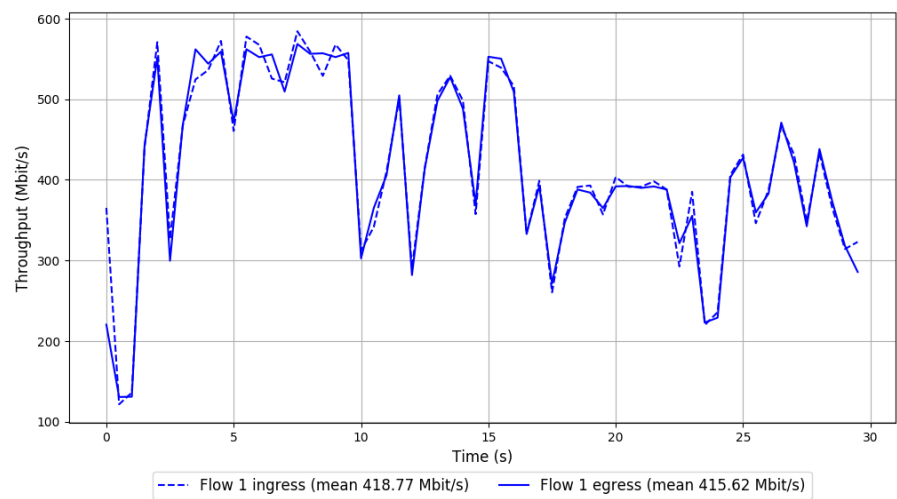


Run 4: Statistics of Verus

Start at: 2017-09-03 02:13:33
End at: 2017-09-03 02:14:03
Local clock offset: 1.175 ms
Remote clock offset: -2.032 ms

Below is generated by plot.py at 2017-09-03 09:51:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 415.62 Mbit/s
95th percentile per-packet one-way delay: 47.375 ms
Loss rate: 0.80%
-- Flow 1:
Average throughput: 415.62 Mbit/s
95th percentile per-packet one-way delay: 47.375 ms
Loss rate: 0.80%

Run 4: Report of Verus — Data Link

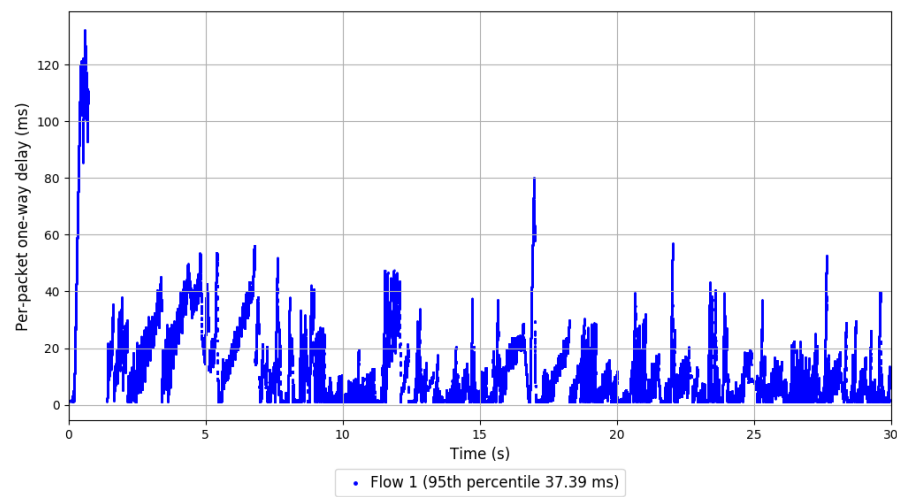
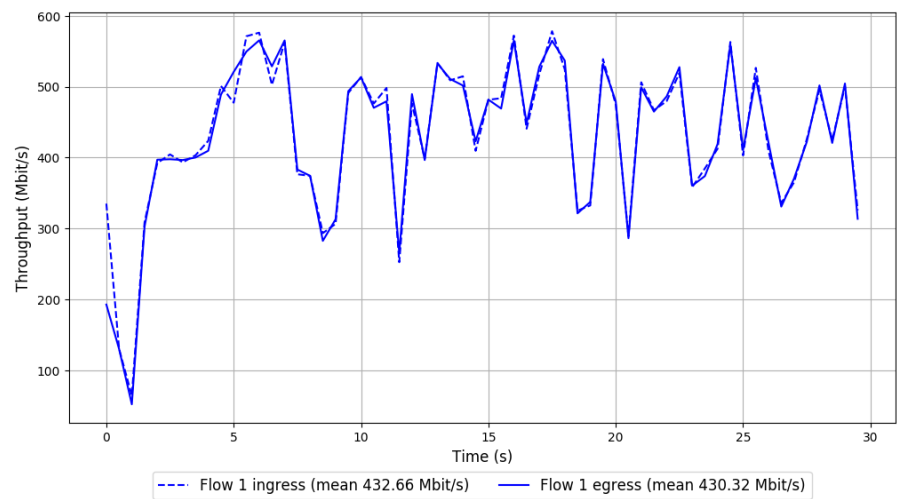


Run 5: Statistics of Verus

Start at: 2017-09-03 02:34:09
End at: 2017-09-03 02:34:39
Local clock offset: 0.86 ms
Remote clock offset: -1.619 ms

Below is generated by plot.py at 2017-09-03 09:52:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 430.32 Mbit/s
95th percentile per-packet one-way delay: 37.387 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 430.32 Mbit/s
95th percentile per-packet one-way delay: 37.387 ms
Loss rate: 0.60%

Run 5: Report of Verus — Data Link

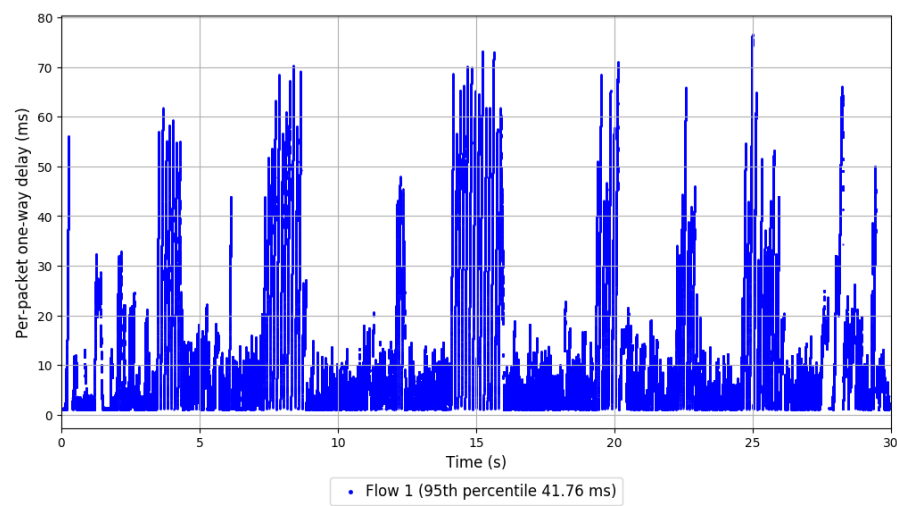
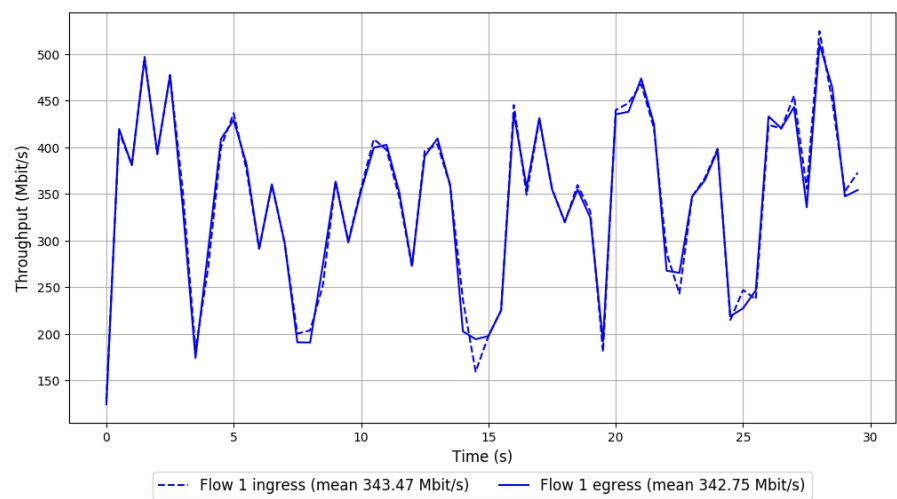


Run 6: Statistics of Verus

Start at: 2017-09-03 02:54:49
End at: 2017-09-03 02:55:19
Local clock offset: 0.397 ms
Remote clock offset: -1.246 ms

Below is generated by plot.py at 2017-09-03 09:52:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 342.75 Mbit/s
95th percentile per-packet one-way delay: 41.761 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 342.75 Mbit/s
95th percentile per-packet one-way delay: 41.761 ms
Loss rate: 0.27%

Run 6: Report of Verus — Data Link

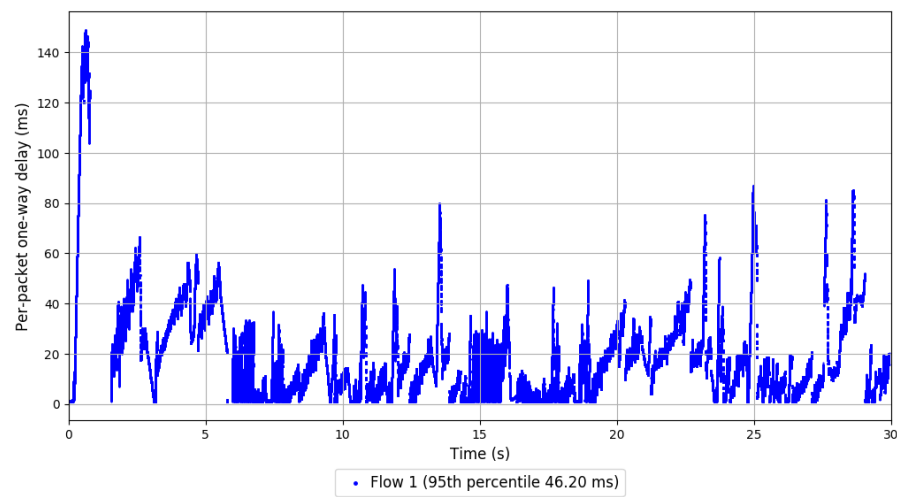
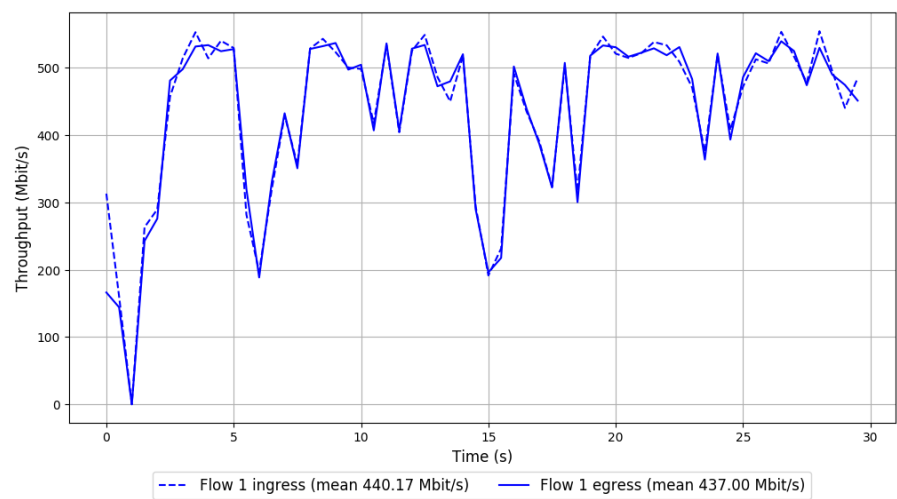


Run 7: Statistics of Verus

Start at: 2017-09-03 03:15:25
End at: 2017-09-03 03:15:55
Local clock offset: 0.067 ms
Remote clock offset: -1.053 ms

Below is generated by plot.py at 2017-09-03 09:53:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 437.00 Mbit/s
95th percentile per-packet one-way delay: 46.198 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 437.00 Mbit/s
95th percentile per-packet one-way delay: 46.198 ms
Loss rate: 0.78%

Run 7: Report of Verus — Data Link

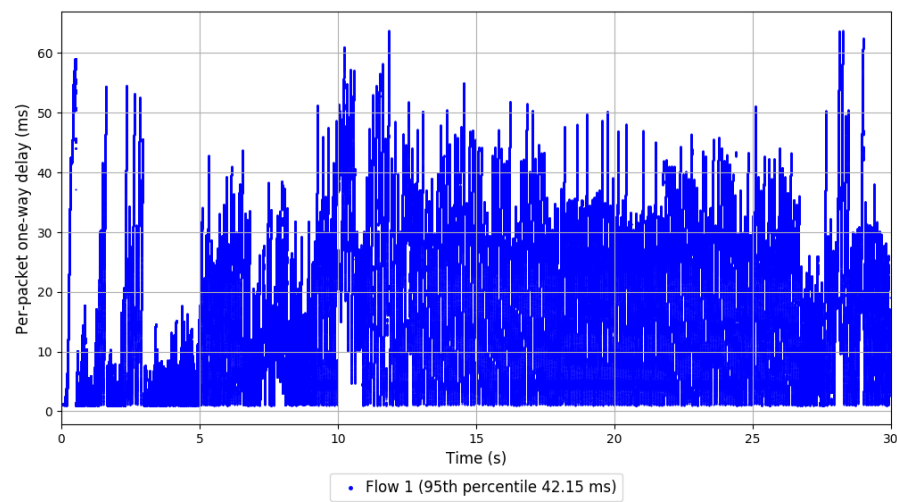
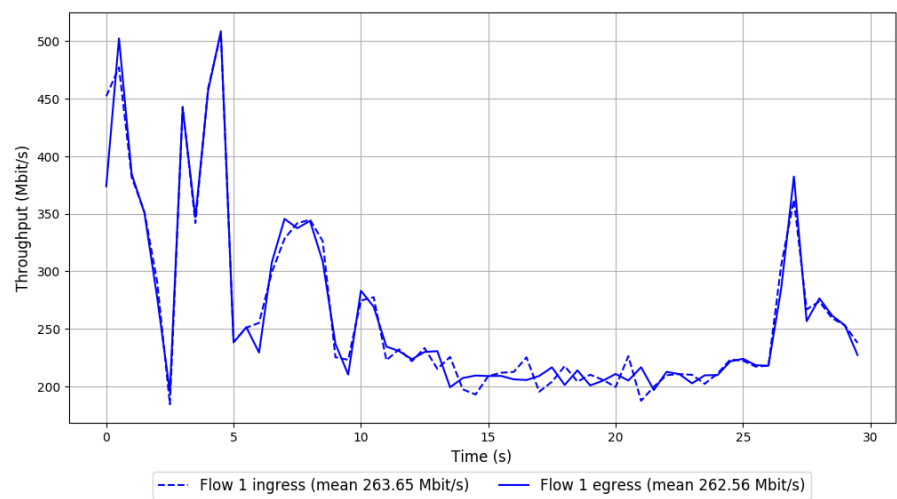


Run 8: Statistics of Verus

Start at: 2017-09-03 03:36:06
End at: 2017-09-03 03:36:36
Local clock offset: -0.277 ms
Remote clock offset: -1.178 ms

Below is generated by plot.py at 2017-09-03 09:53:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 262.56 Mbit/s
95th percentile per-packet one-way delay: 42.153 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 262.56 Mbit/s
95th percentile per-packet one-way delay: 42.153 ms
Loss rate: 0.42%

Run 8: Report of Verus — Data Link

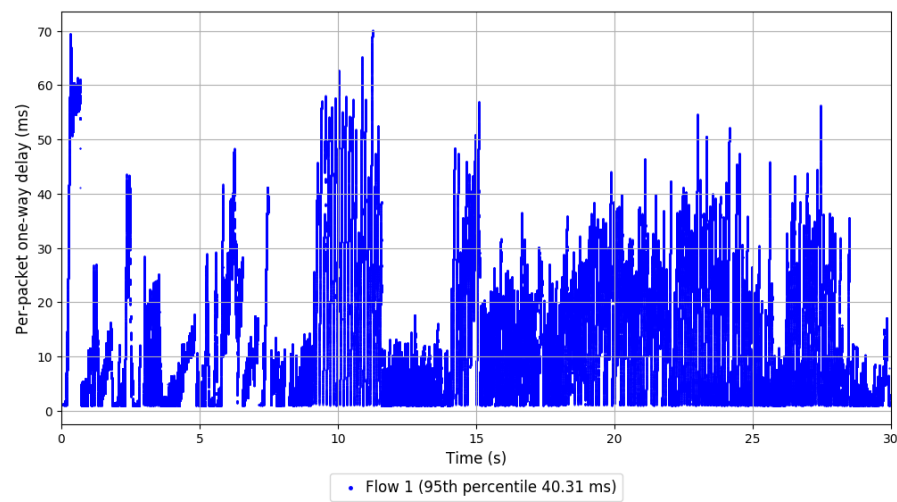
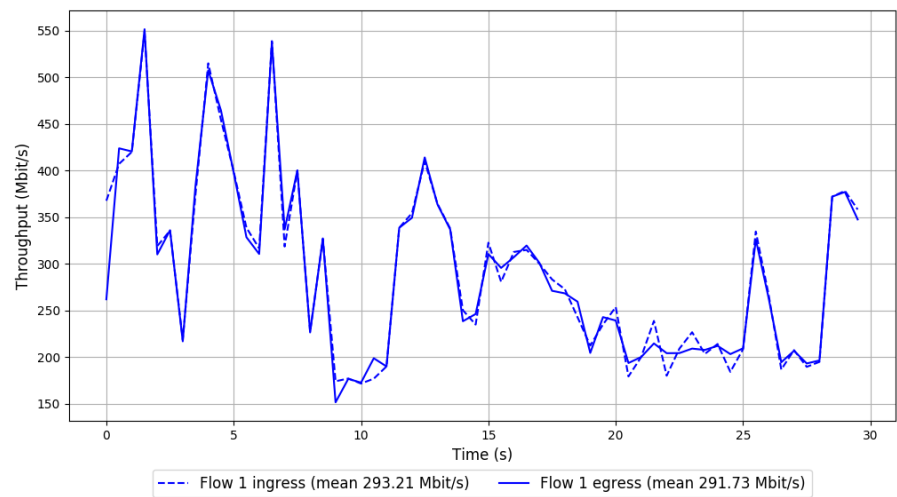


Run 9: Statistics of Verus

Start at: 2017-09-03 03:56:43
End at: 2017-09-03 03:57:13
Local clock offset: -0.521 ms
Remote clock offset: -1.044 ms

Below is generated by plot.py at 2017-09-03 09:53:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 291.73 Mbit/s
95th percentile per-packet one-way delay: 40.311 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 291.73 Mbit/s
95th percentile per-packet one-way delay: 40.311 ms
Loss rate: 0.55%

Run 9: Report of Verus — Data Link

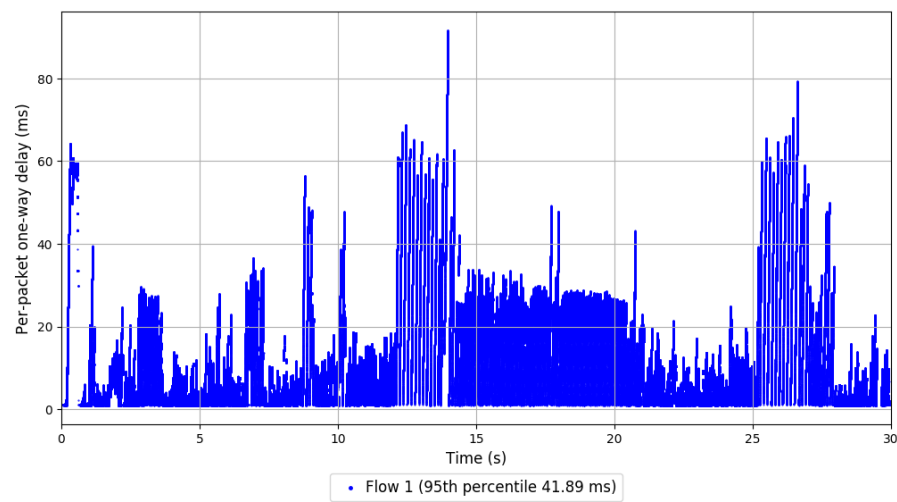
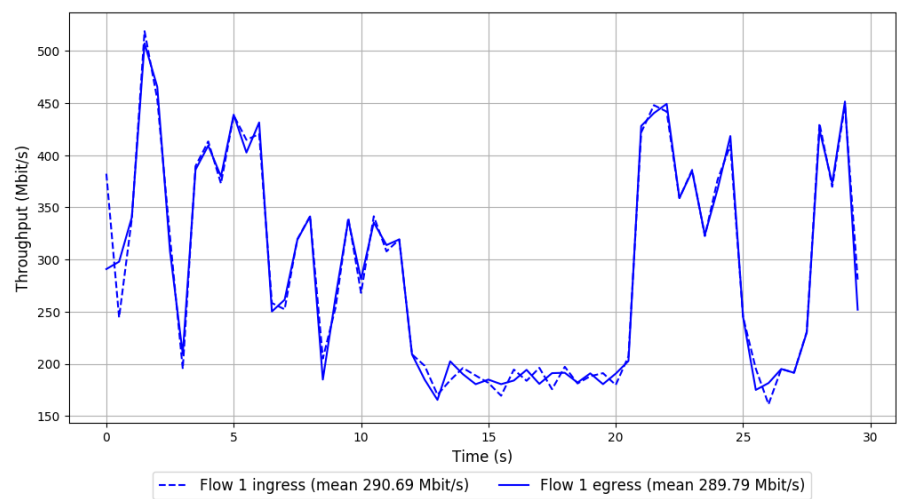


Run 10: Statistics of Verus

Start at: 2017-09-03 04:17:19
End at: 2017-09-03 04:17:49
Local clock offset: -0.566 ms
Remote clock offset: -0.879 ms

Below is generated by plot.py at 2017-09-03 09:53:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 289.79 Mbit/s
95th percentile per-packet one-way delay: 41.889 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 289.79 Mbit/s
95th percentile per-packet one-way delay: 41.889 ms
Loss rate: 0.37%

Run 10: Report of Verus — Data Link



Run 1: Statistics of WebRTC media

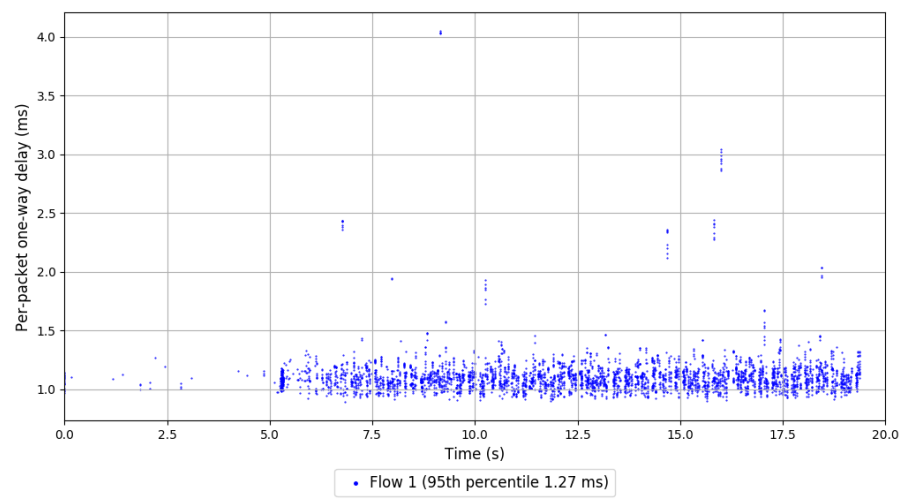
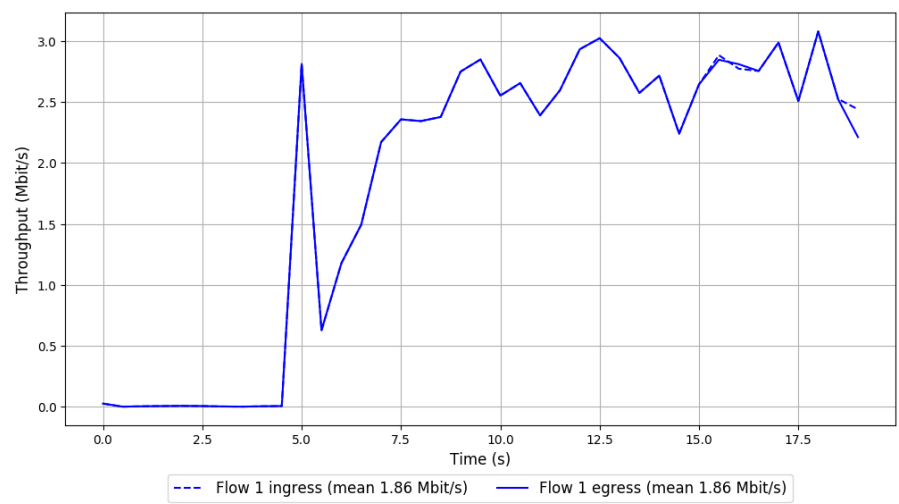
Start at: 2017-09-03 01:07:33

End at: 2017-09-03 01:08:03

Local clock offset: 2.251 ms

Remote clock offset: -2.833 ms

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

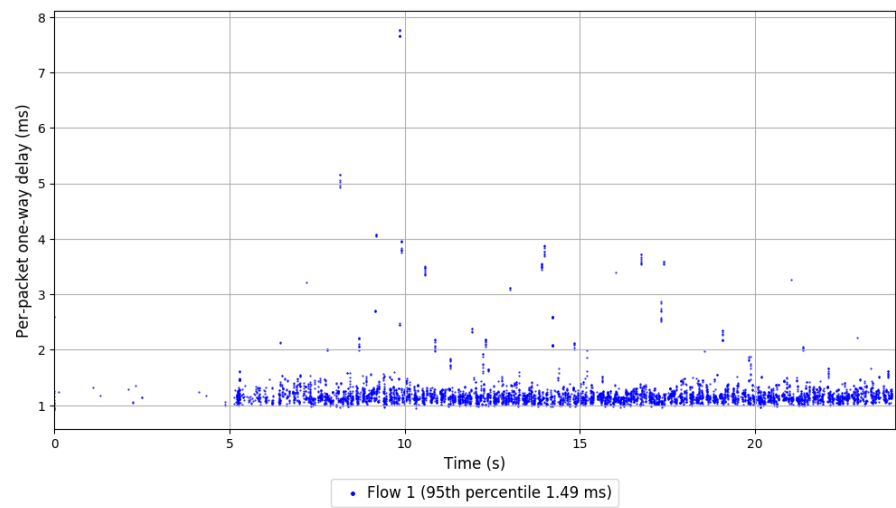
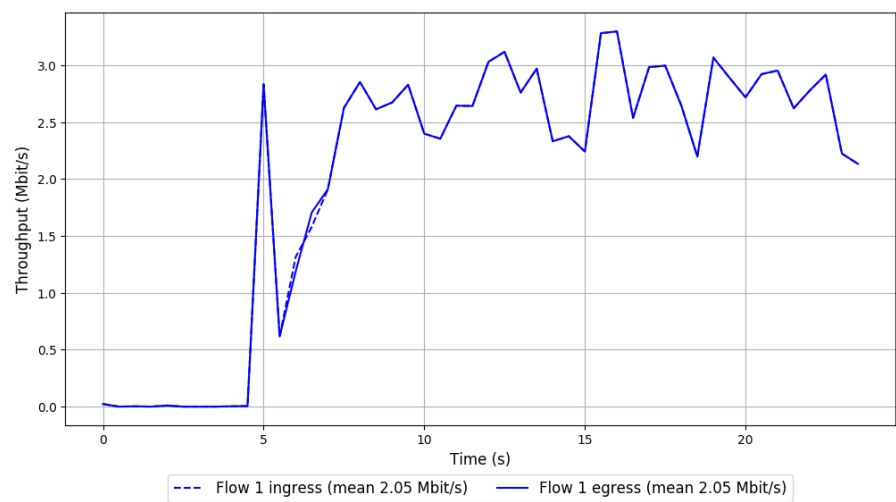
Start at: 2017-09-03 01:28:12

End at: 2017-09-03 01:28:42

Local clock offset: 2.077 ms

Remote clock offset: -2.69 ms

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

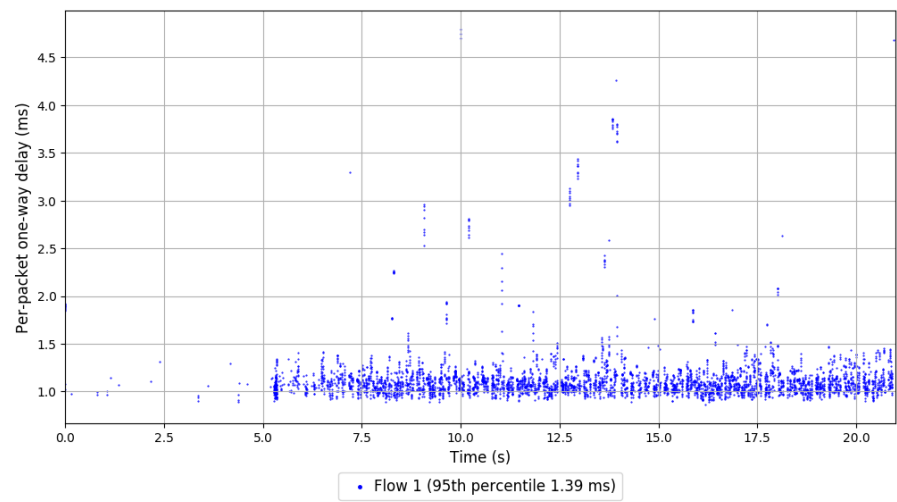
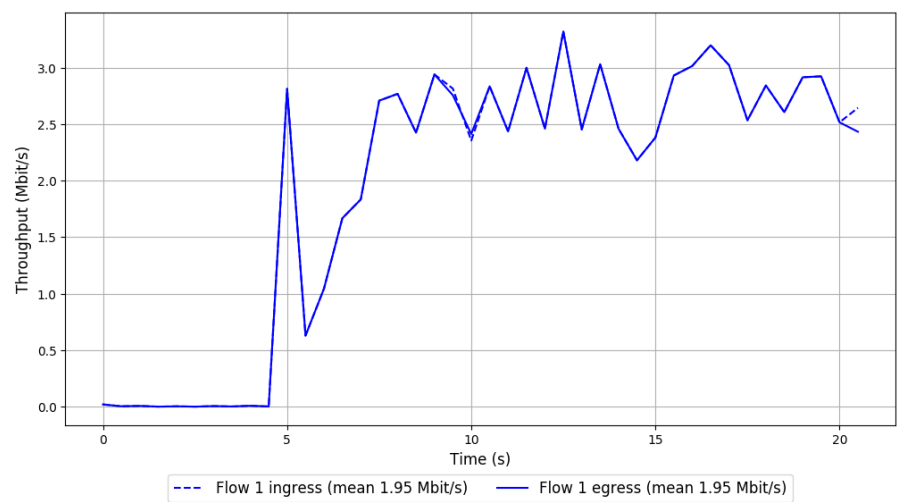
Start at: 2017-09-03 01:48:56

End at: 2017-09-03 01:49:26

Local clock offset: 1.718 ms

Remote clock offset: -2.441 ms

Run 3: Report of WebRTC media — Data Link

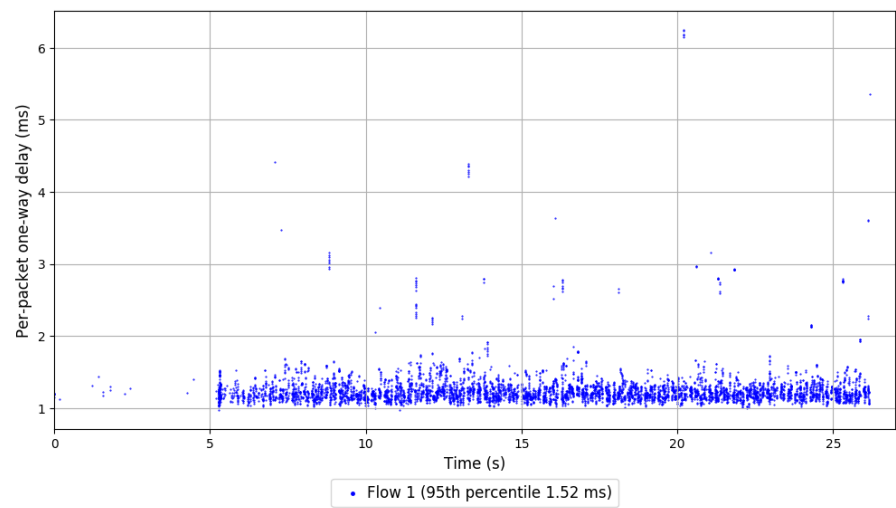
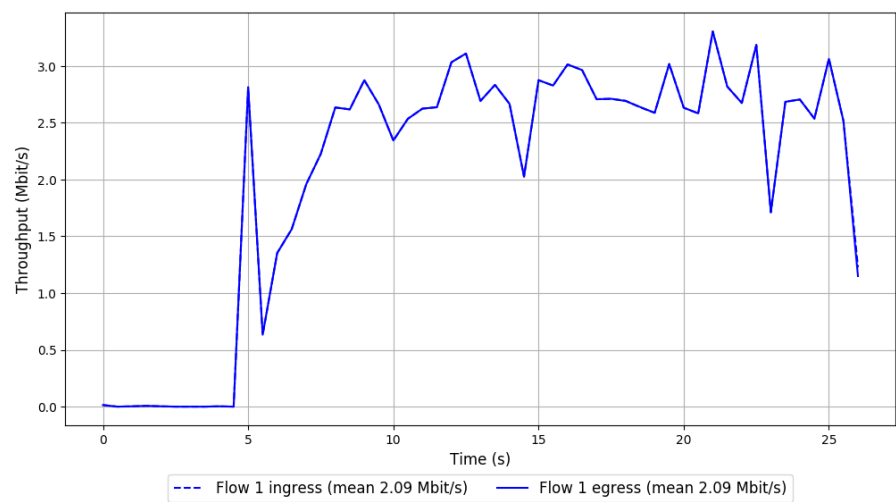


Run 4: Statistics of WebRTC media

Start at: 2017-09-03 02:09:45
End at: 2017-09-03 02:10:15
Local clock offset: 1.331 ms
Remote clock offset: -2.124 ms

Below is generated by plot.py at 2017-09-03 09:53:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.09 Mbit/s
95th percentile per-packet one-way delay: 1.519 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 2.09 Mbit/s
95th percentile per-packet one-way delay: 1.519 ms
Loss rate: 0.07%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

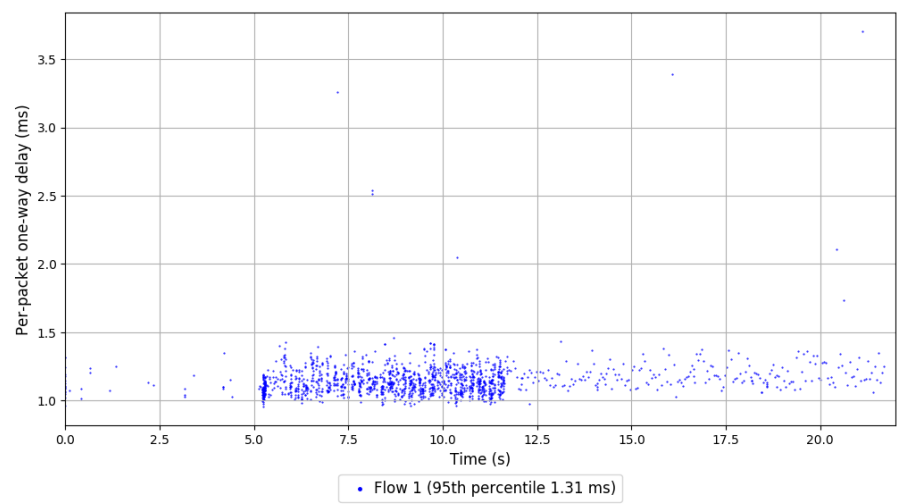
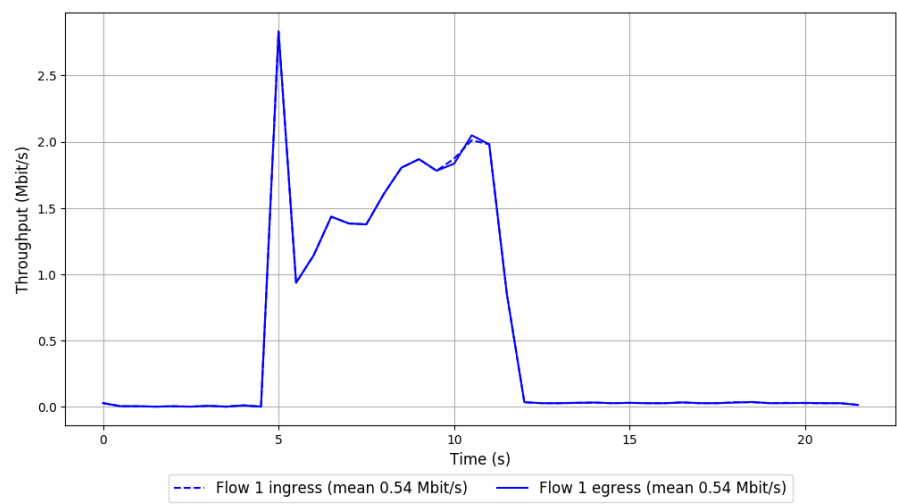
Start at: 2017-09-03 02:30:20

End at: 2017-09-03 02:30:50

Local clock offset: 0.804 ms

Remote clock offset: -1.786 ms

Run 5: Report of WebRTC media — Data Link

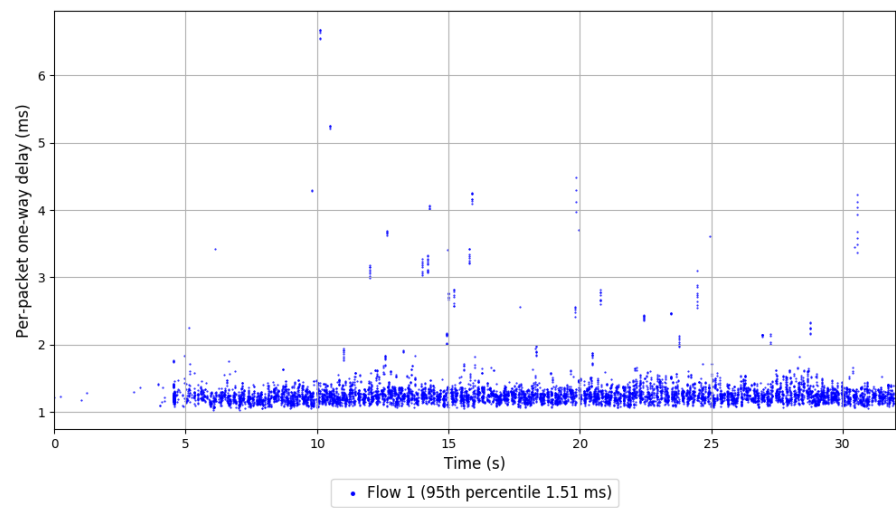
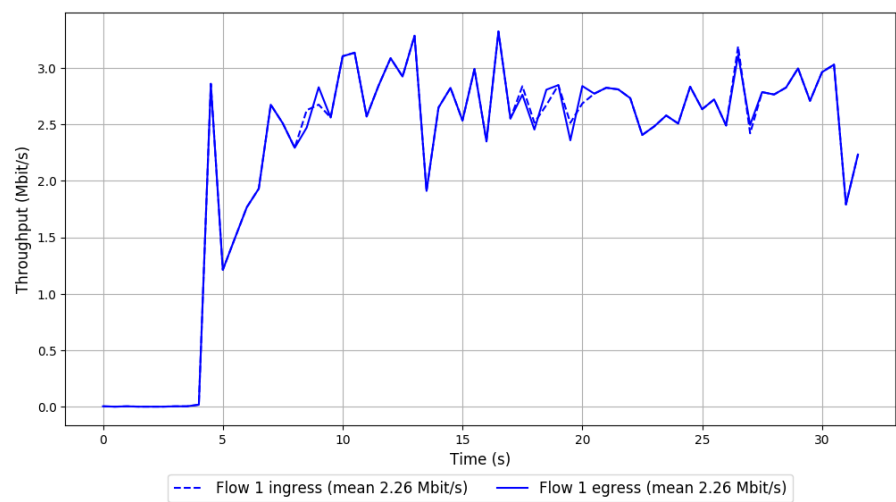


Run 6: Statistics of WebRTC media

Start at: 2017-09-03 02:50:59
End at: 2017-09-03 02:51:29
Local clock offset: 0.452 ms
Remote clock offset: -1.357 ms

Below is generated by plot.py at 2017-09-03 09:54:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.26 Mbit/s
95th percentile per-packet one-way delay: 1.509 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.26 Mbit/s
95th percentile per-packet one-way delay: 1.509 ms
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

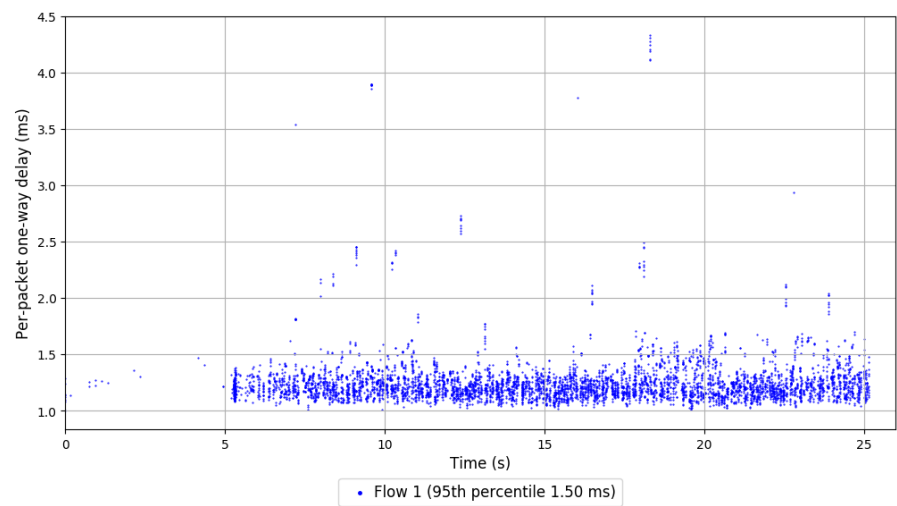
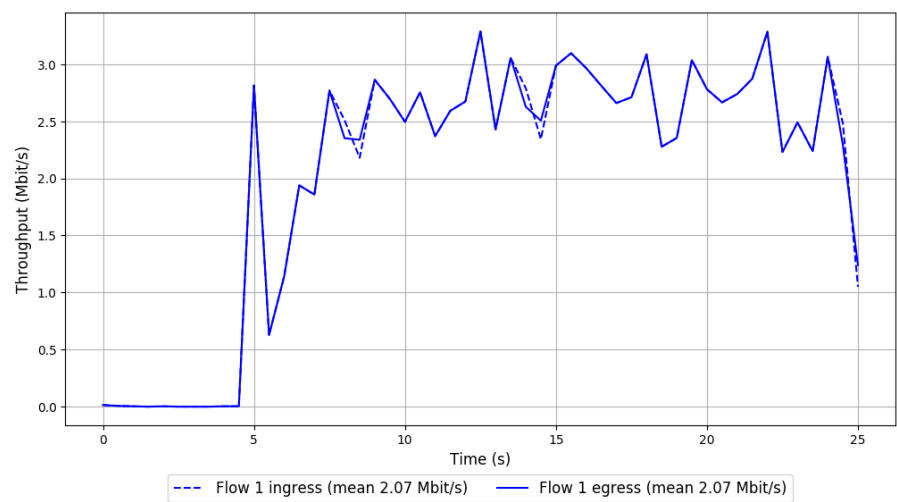


Run 7: Statistics of WebRTC media

Start at: 2017-09-03 03:11:37
End at: 2017-09-03 03:12:07
Local clock offset: 0.18 ms
Remote clock offset: -1.122 ms

Below is generated by plot.py at 2017-09-03 09:54:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.07 Mbit/s
95th percentile per-packet one-way delay: 1.503 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.07 Mbit/s
95th percentile per-packet one-way delay: 1.503 ms
Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

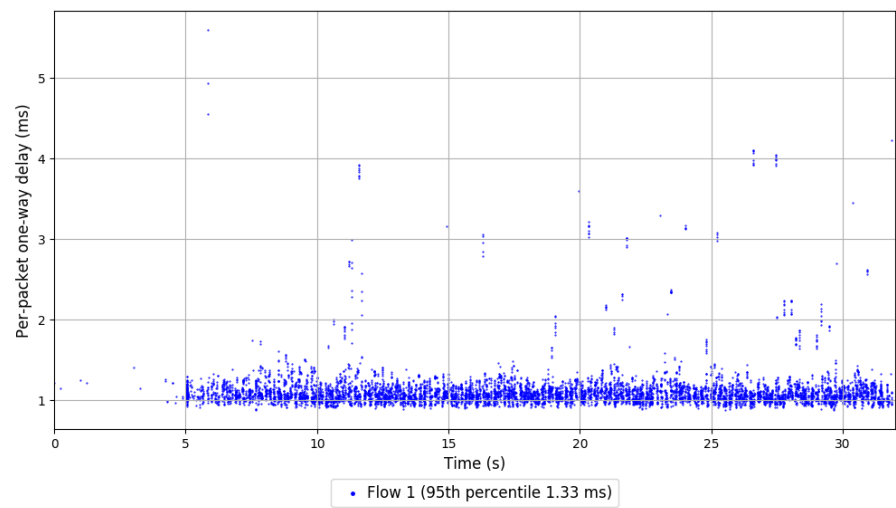
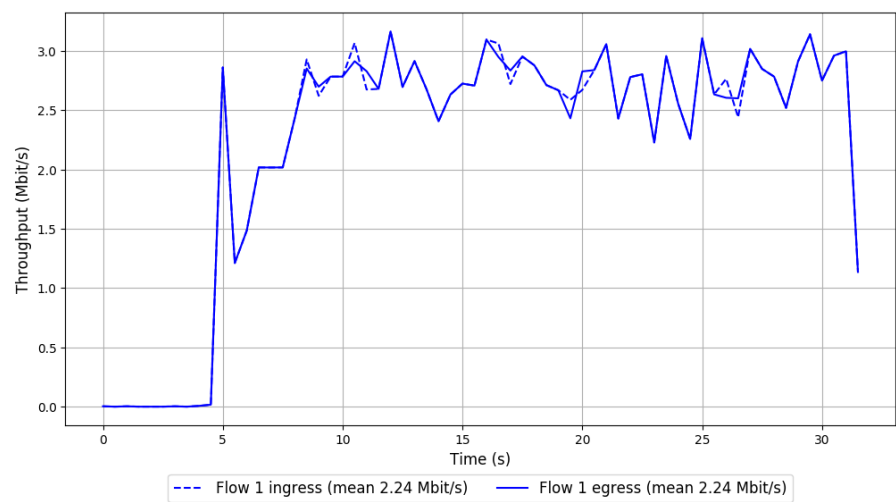


Run 8: Statistics of WebRTC media

Start at: 2017-09-03 03:32:17
End at: 2017-09-03 03:32:47
Local clock offset: -0.211 ms
Remote clock offset: -1.075 ms

Below is generated by plot.py at 2017-09-03 09:54:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.24 Mbit/s
95th percentile per-packet one-way delay: 1.330 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.24 Mbit/s
95th percentile per-packet one-way delay: 1.330 ms
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

Start at: 2017-09-03 03:52:54

End at: 2017-09-03 03:53:24

Local clock offset: -0.51 ms

Remote clock offset: -1.206 ms

Below is generated by plot.py at 2017-09-03 09:54:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.36 Mbit/s

95th percentile per-packet one-way delay: 1.533 ms

Loss rate: 0.00%

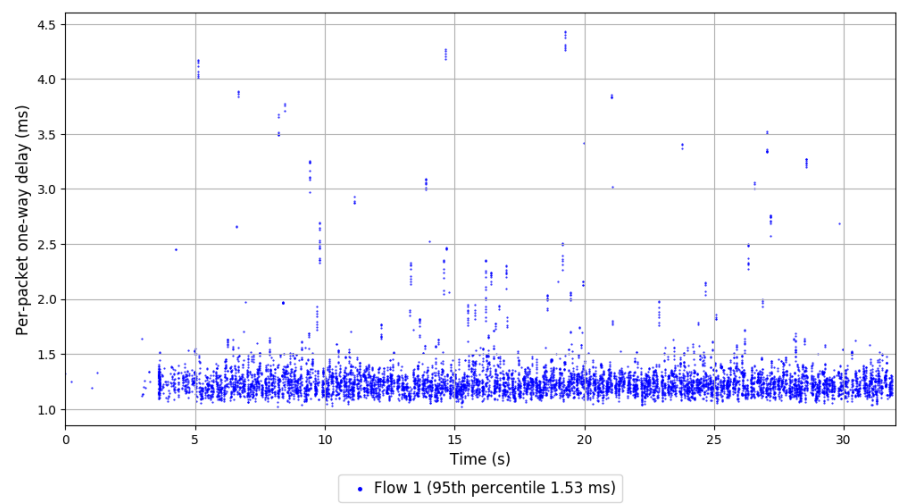
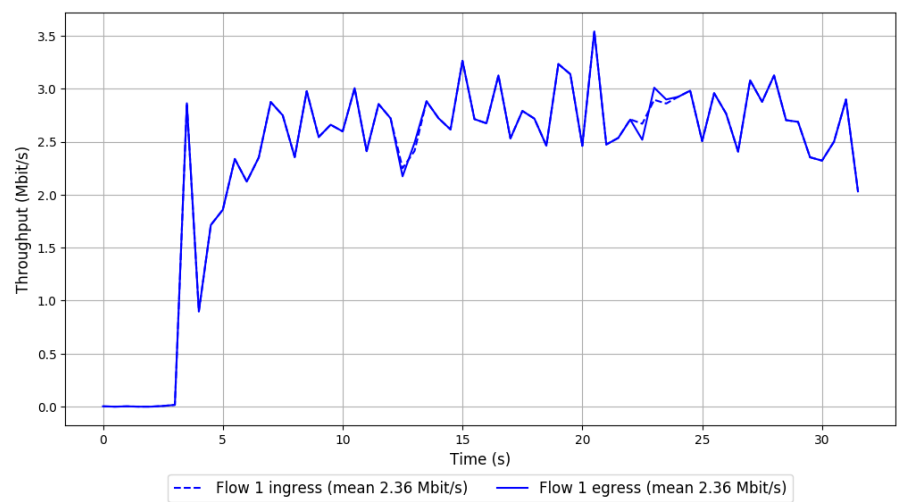
-- Flow 1:

Average throughput: 2.36 Mbit/s

95th percentile per-packet one-way delay: 1.533 ms

Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2017-09-03 04:13:30

End at: 2017-09-03 04:14:00

Local clock offset: -0.548 ms

Remote clock offset: -0.958 ms

Run 10: Report of WebRTC media — Data Link

