

Pantheon Report

Generated at 2017-08-29 15:13:06 (UTC).

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

Repeated the test of 15 congestion control schemes 10 times.

Each test lasted for 30 seconds running 1 flow.

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

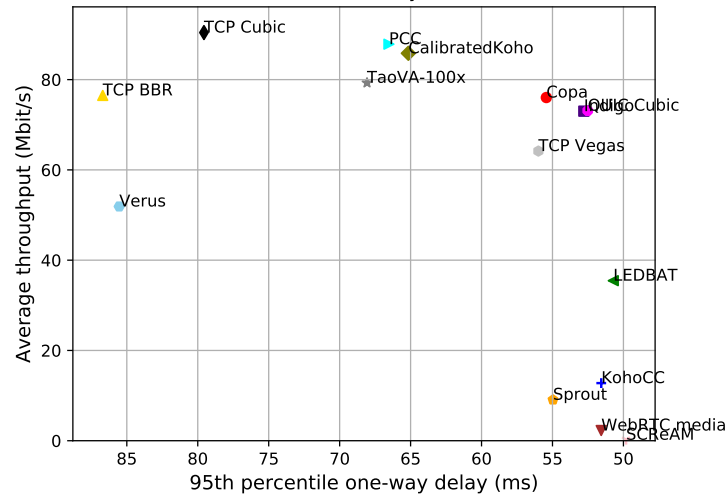
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

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

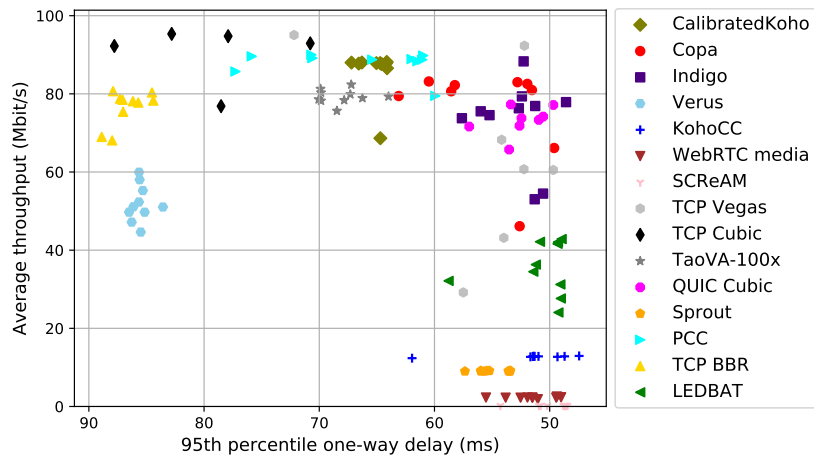
Git summary:

```
branch: master @ 8a8eb0fa450ac2fa3f5abc8e72a84db4249be58f
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/genericCC @ f7ca42f251bf49b432bb71de6d13fa903515c366
third_party/indigo @ 7ddb4adf480966042c0438984cb22a298bfa635f
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-stimuli @ fc73a85ca16c34366d1888dc8a0d0d88d4ebf2a7
third_party/pantheon-tunnel @ baf443516dea3eeddeccaf9b916cc313273ca4f4
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaeab30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

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



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



scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	76.50	86.70	26.39
CalibratedKoho	10	85.83	65.16	0.08
Copa	9	76.03	55.43	0.04
TCP Cubic	5	90.42	79.56	0.29
Indigo	10	73.01	52.79	0.02
KohoCC	10	12.76	51.56	0.01
LEDBAT	10	35.46	50.72	0.02
PCC	10	87.85	66.52	0.90
QUIC Cubic	8	73.12	52.52	0.33
SCReAM	10	0.22	49.81	0.01
Sprout	10	9.08	54.96	0.01
TaoVA-100x	10	79.30	68.07	0.10
TCP Vegas	7	64.17	55.99	0.47
Verus	10	51.90	85.53	26.94
WebRTC media	10	2.26	51.57	0.01

Run 1: Statistics of TCP BBR

Start at: 2017-08-29 11:19:26

End at: 2017-08-29 11:19:56

Local clock offset: 0.31 ms

Remote clock offset: -3.076 ms

Below is generated by plot.py at 2017-08-29 15:02:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.36 Mbit/s

95th percentile per-packet one-way delay: 84.522 ms

Loss rate: 27.45%

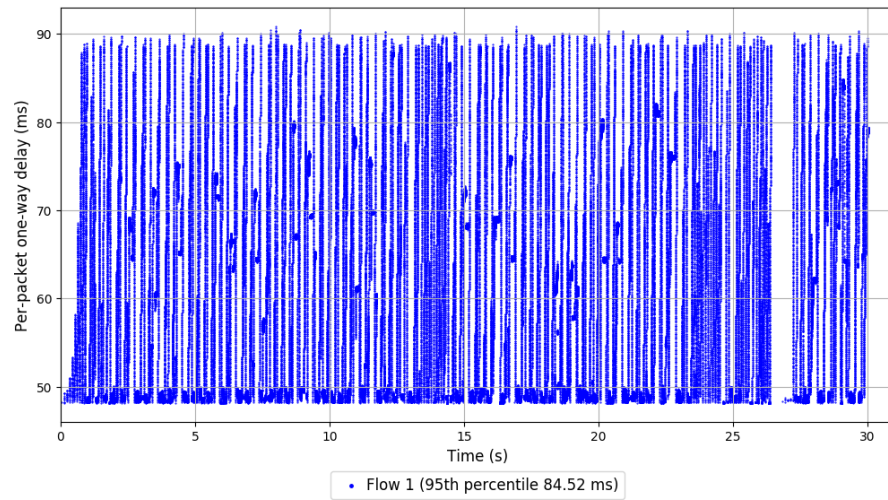
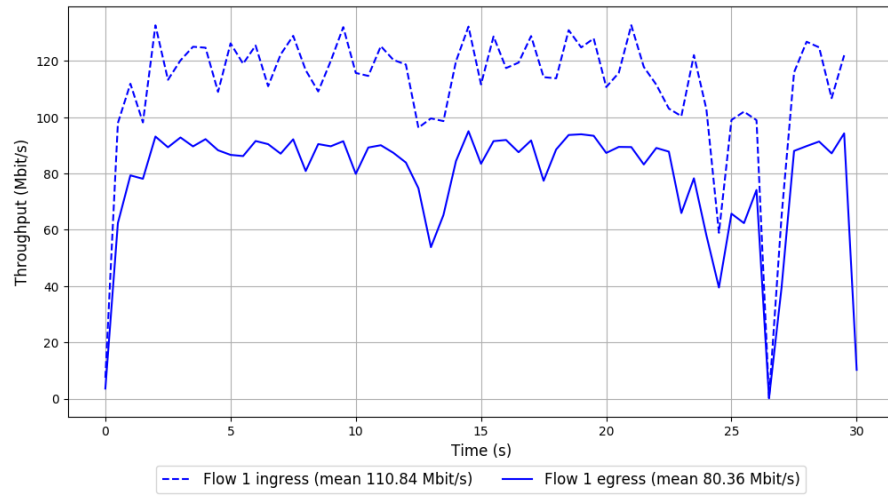
-- Flow 1:

Average throughput: 80.36 Mbit/s

95th percentile per-packet one-way delay: 84.522 ms

Loss rate: 27.45%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2017-08-29 11:39:38

End at: 2017-08-29 11:40:08

Local clock offset: 0.324 ms

Remote clock offset: -0.802 ms

Below is generated by plot.py at 2017-08-29 15:02:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.69 Mbit/s

95th percentile per-packet one-way delay: 87.899 ms

Loss rate: 25.94%

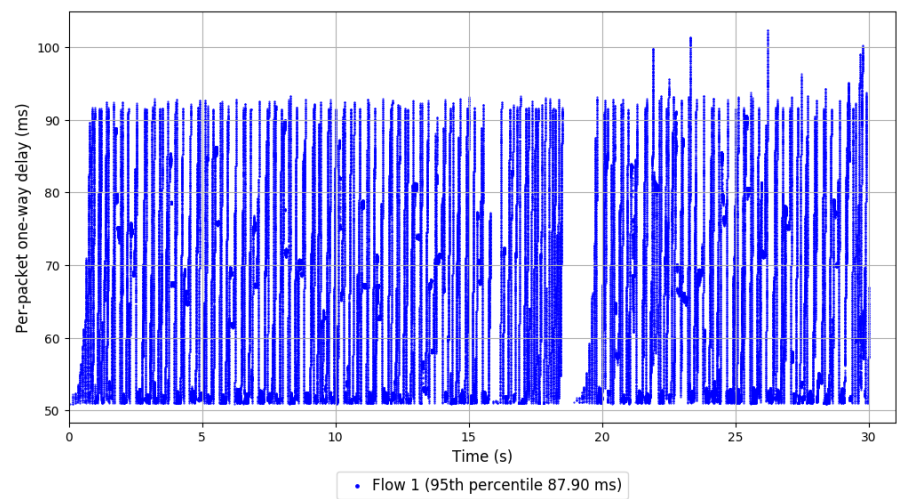
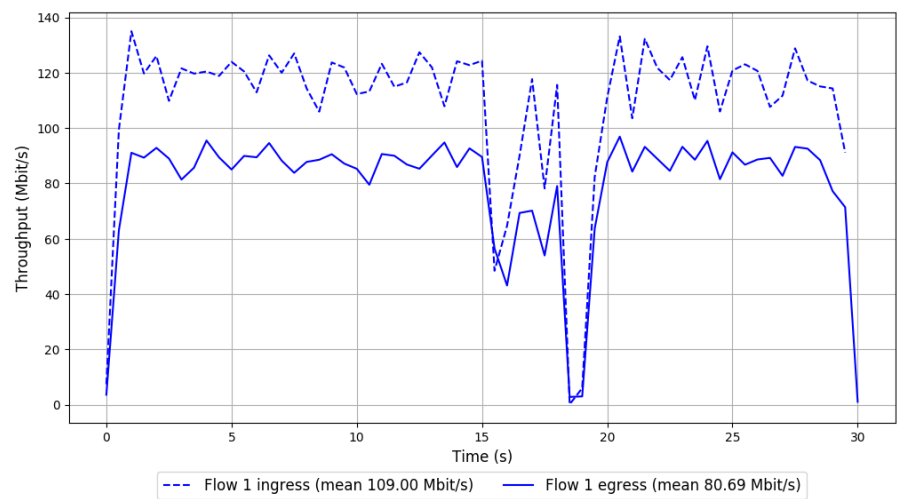
-- Flow 1:

Average throughput: 80.69 Mbit/s

95th percentile per-packet one-way delay: 87.899 ms

Loss rate: 25.94%

Run 2: Report of TCP BBR — Data Link

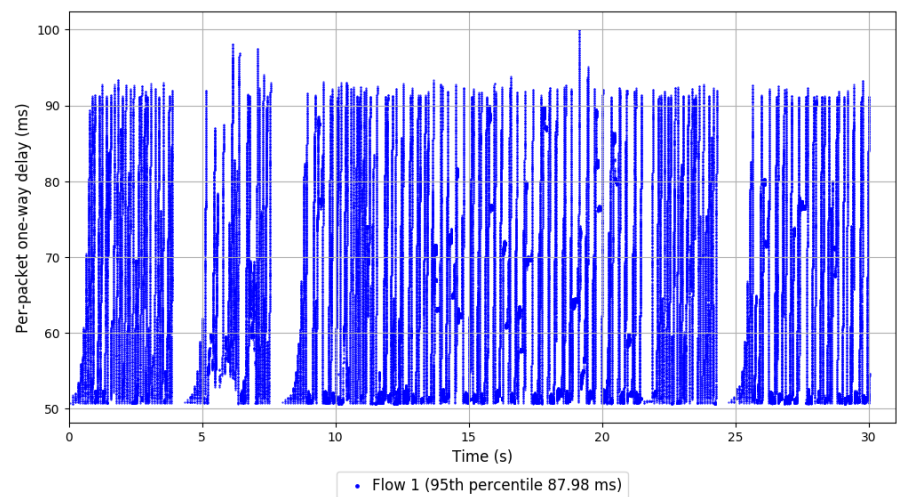
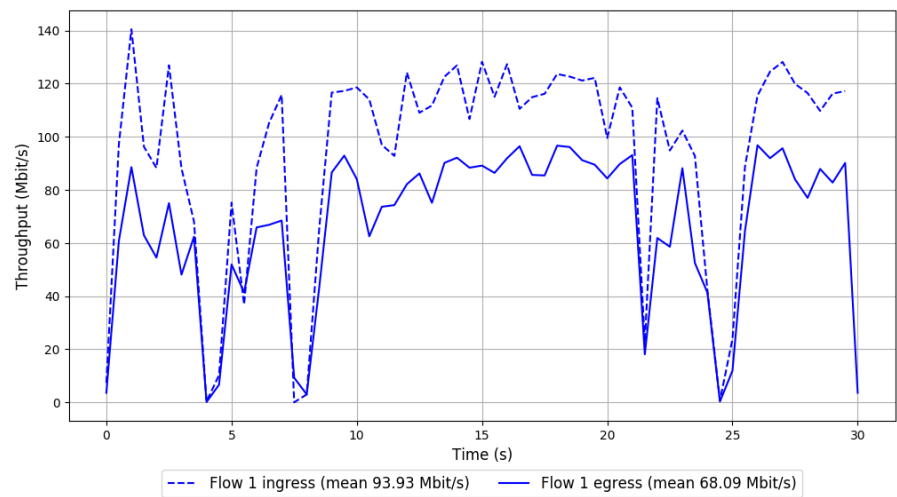


Run 3: Statistics of TCP BBR

Start at: 2017-08-29 12:00:00
End at: 2017-08-29 12:00:30
Local clock offset: 0.183 ms
Remote clock offset: -1.429 ms

Below is generated by plot.py at 2017-08-29 15:02:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 68.09 Mbit/s
95th percentile per-packet one-way delay: 87.979 ms
Loss rate: 27.49%
-- Flow 1:
Average throughput: 68.09 Mbit/s
95th percentile per-packet one-way delay: 87.979 ms
Loss rate: 27.49%

Run 3: Report of TCP BBR — Data Link

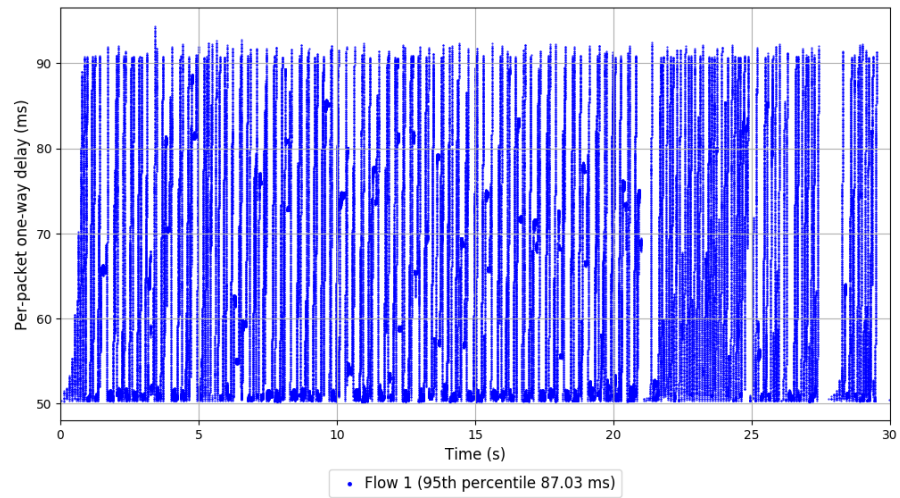
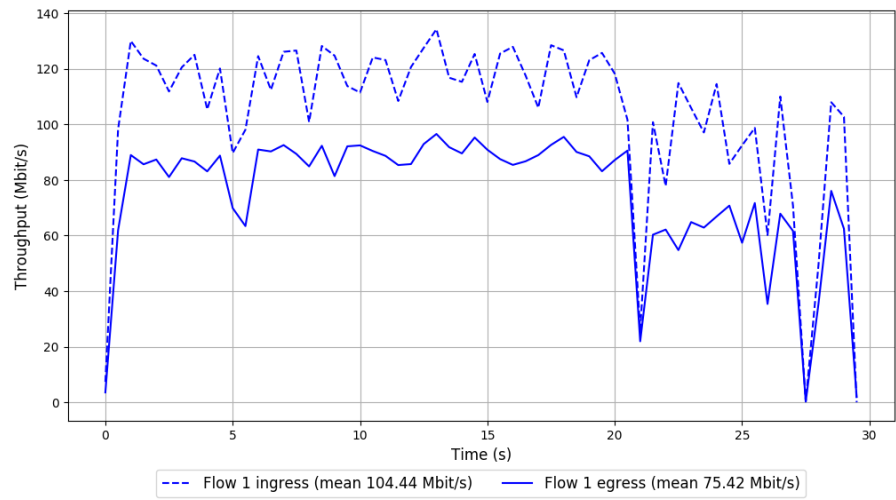


Run 4: Statistics of TCP BBR

Start at: 2017-08-29 12:20:18
End at: 2017-08-29 12:20:48
Local clock offset: 0.176 ms
Remote clock offset: -1.798 ms

Below is generated by plot.py at 2017-08-29 15:02:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 75.42 Mbit/s
95th percentile per-packet one-way delay: 87.029 ms
Loss rate: 27.79%
-- Flow 1:
Average throughput: 75.42 Mbit/s
95th percentile per-packet one-way delay: 87.029 ms
Loss rate: 27.79%

Run 4: Report of TCP BBR — Data Link

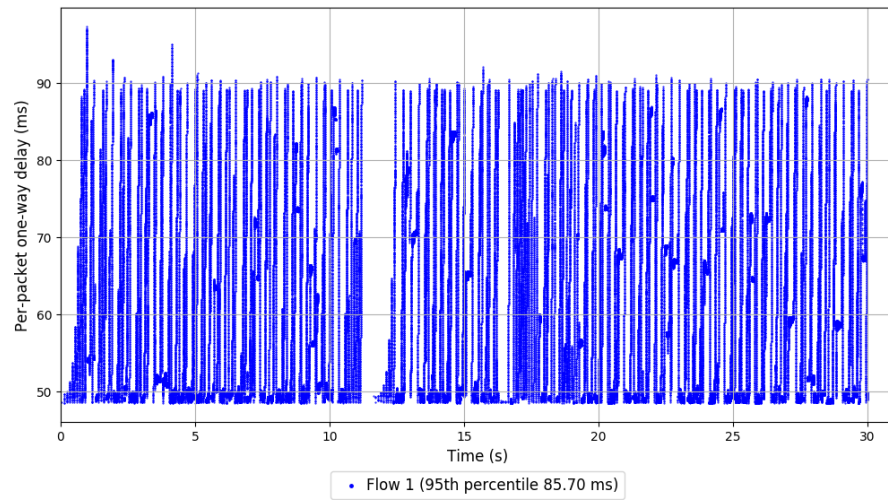
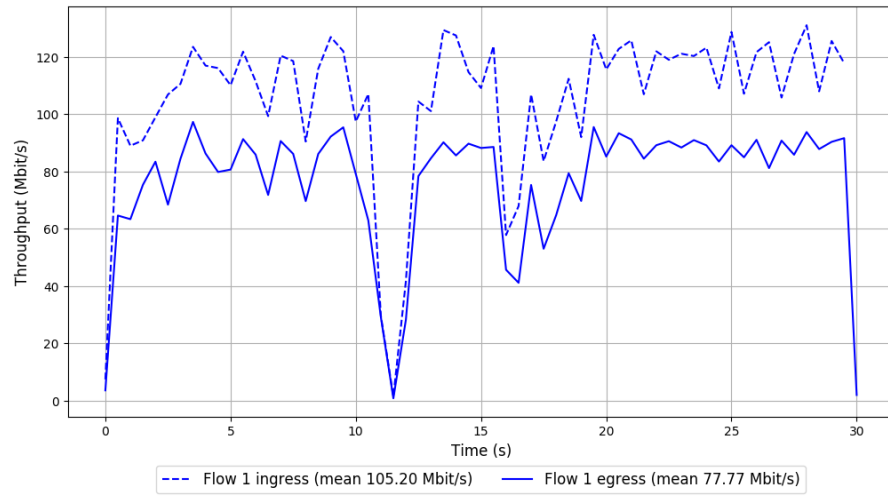


Run 5: Statistics of TCP BBR

Start at: 2017-08-29 12:40:27
End at: 2017-08-29 12:40:57
Local clock offset: 0.15 ms
Remote clock offset: -3.732 ms

Below is generated by plot.py at 2017-08-29 15:03:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.77 Mbit/s
95th percentile per-packet one-way delay: 85.705 ms
Loss rate: 26.10%
-- Flow 1:
Average throughput: 77.77 Mbit/s
95th percentile per-packet one-way delay: 85.705 ms
Loss rate: 26.10%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: 2017-08-29 13:00:35

End at: 2017-08-29 13:01:05

Local clock offset: 0.209 ms

Remote clock offset: -3.805 ms

Below is generated by plot.py at 2017-08-29 15:03:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.28 Mbit/s

95th percentile per-packet one-way delay: 84.407 ms

Loss rate: 21.55%

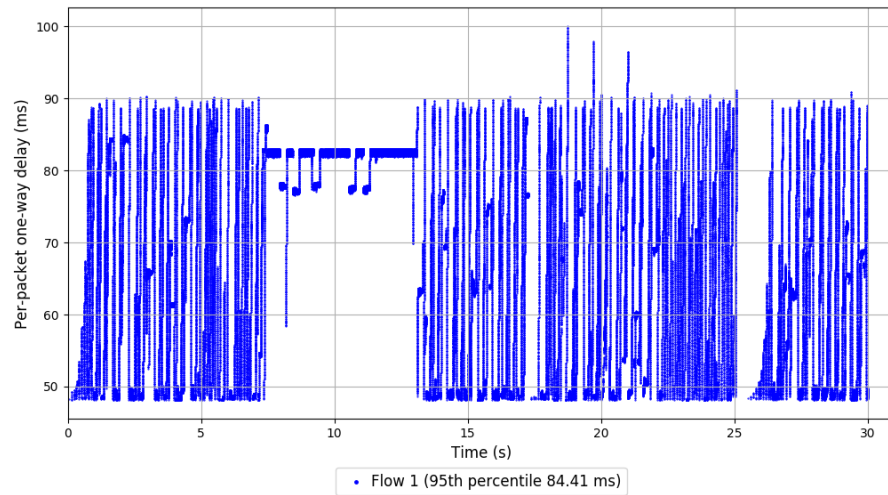
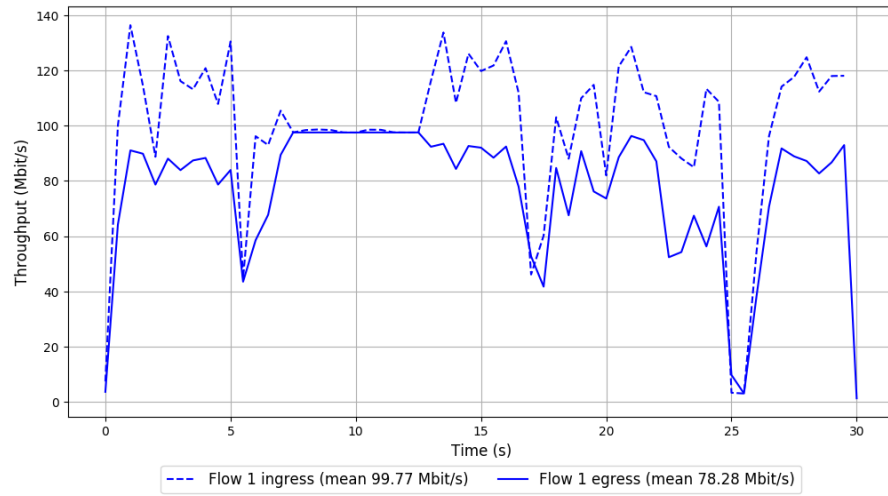
-- Flow 1:

Average throughput: 78.28 Mbit/s

95th percentile per-packet one-way delay: 84.407 ms

Loss rate: 21.55%

Run 6: Report of TCP BBR — Data Link

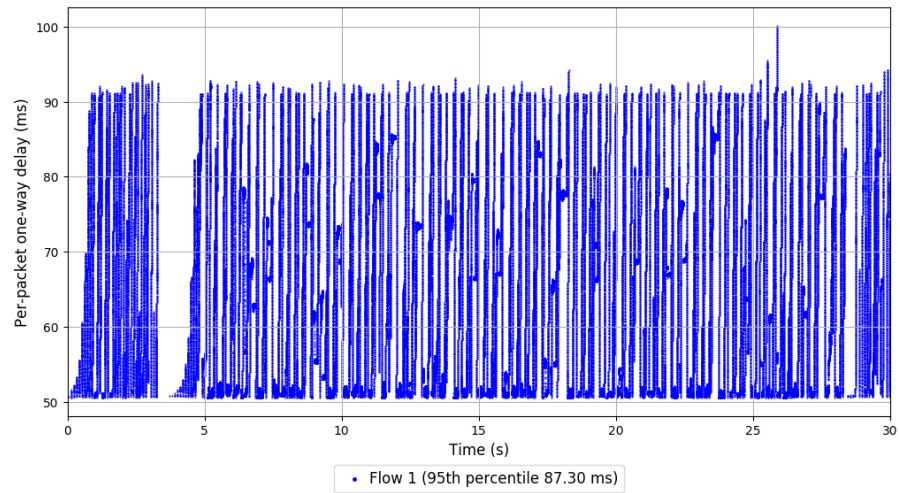
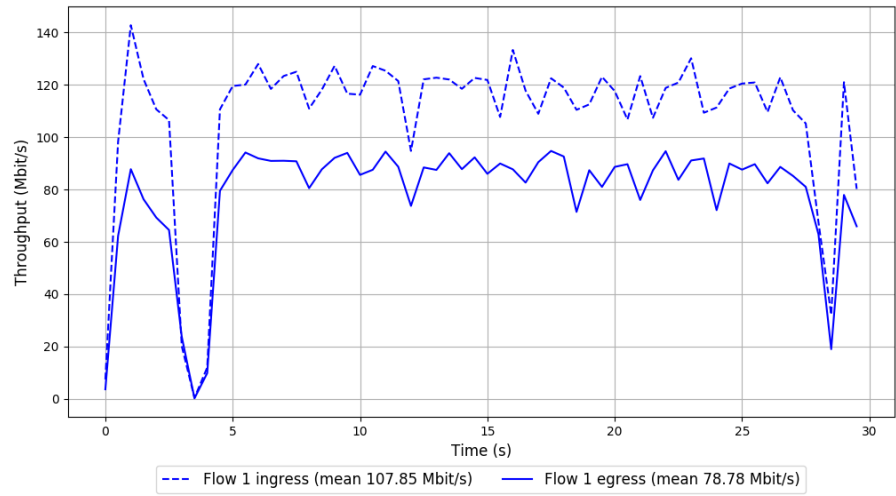


Run 7: Statistics of TCP BBR

Start at: 2017-08-29 13:20:57
End at: 2017-08-29 13:21:27
Local clock offset: 0.196 ms
Remote clock offset: -1.549 ms

Below is generated by plot.py at 2017-08-29 15:03:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.78 Mbit/s
95th percentile per-packet one-way delay: 87.295 ms
Loss rate: 26.88%
-- Flow 1:
Average throughput: 78.78 Mbit/s
95th percentile per-packet one-way delay: 87.295 ms
Loss rate: 26.88%

Run 7: Report of TCP BBR — Data Link

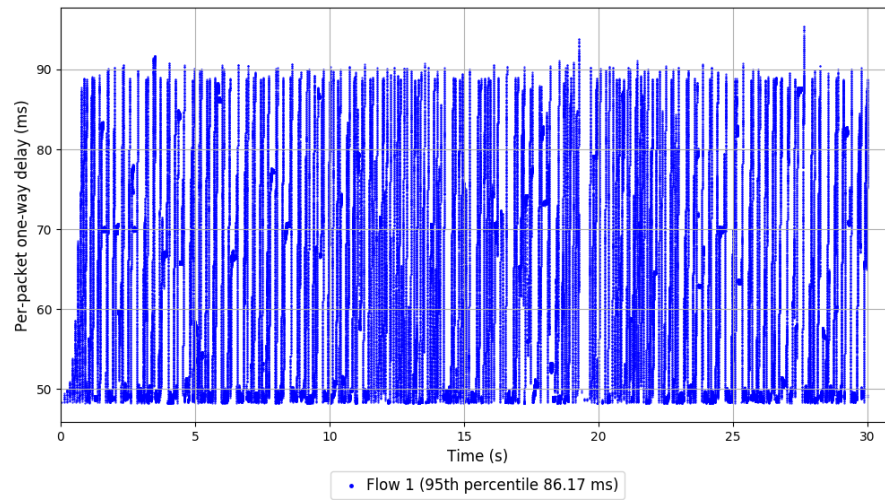
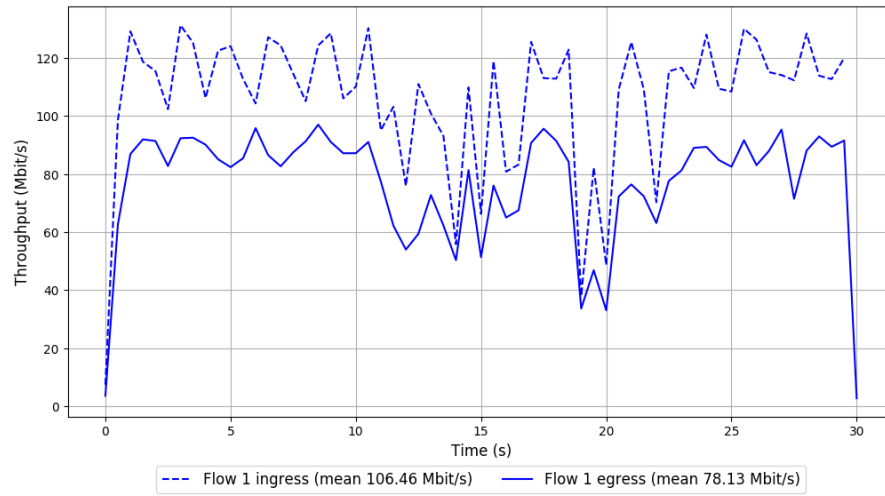


Run 8: Statistics of TCP BBR

Start at: 2017-08-29 13:41:07
End at: 2017-08-29 13:41:37
Local clock offset: 0.338 ms
Remote clock offset: -3.562 ms

Below is generated by plot.py at 2017-08-29 15:03:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.13 Mbit/s
95th percentile per-packet one-way delay: 86.175 ms
Loss rate: 26.61%
-- Flow 1:
Average throughput: 78.13 Mbit/s
95th percentile per-packet one-way delay: 86.175 ms
Loss rate: 26.61%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: 2017-08-29 14:01:16

End at: 2017-08-29 14:01:46

Local clock offset: 0.259 ms

Remote clock offset: -0.8 ms

Below is generated by plot.py at 2017-08-29 15:03:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 68.99 Mbit/s

95th percentile per-packet one-way delay: 88.885 ms

Loss rate: 26.67%

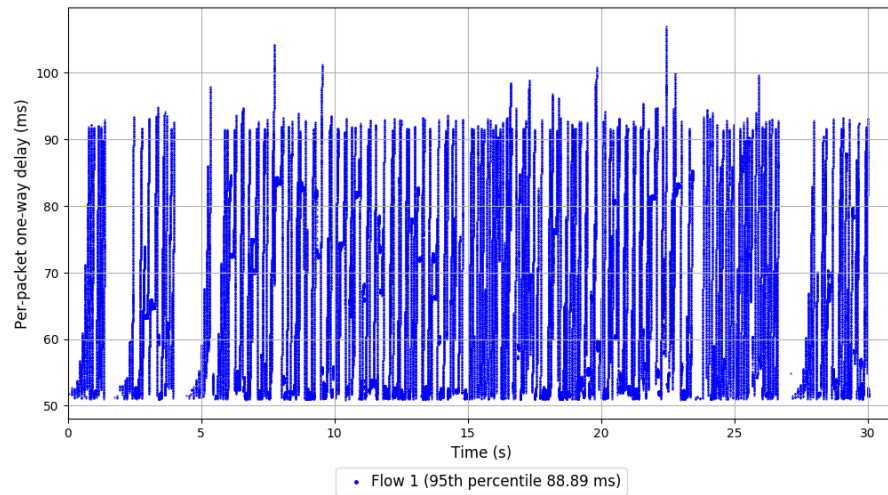
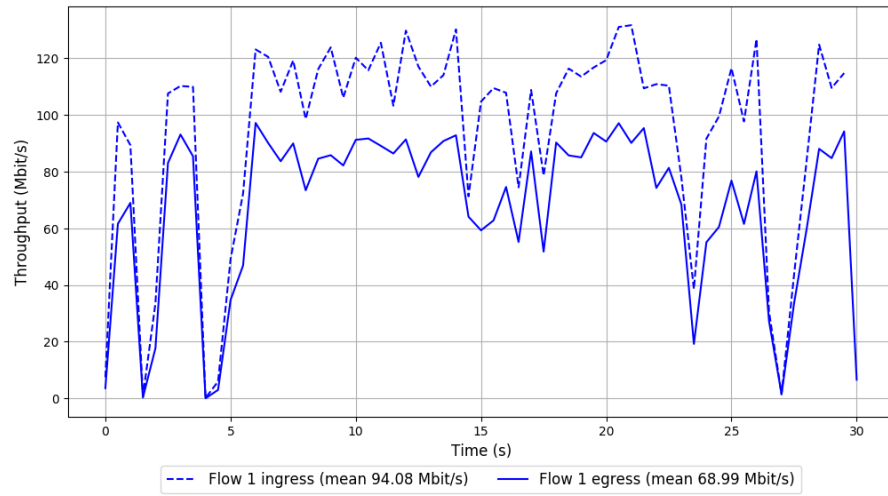
-- Flow 1:

Average throughput: 68.99 Mbit/s

95th percentile per-packet one-way delay: 88.885 ms

Loss rate: 26.67%

Run 9: Report of TCP BBR — Data Link

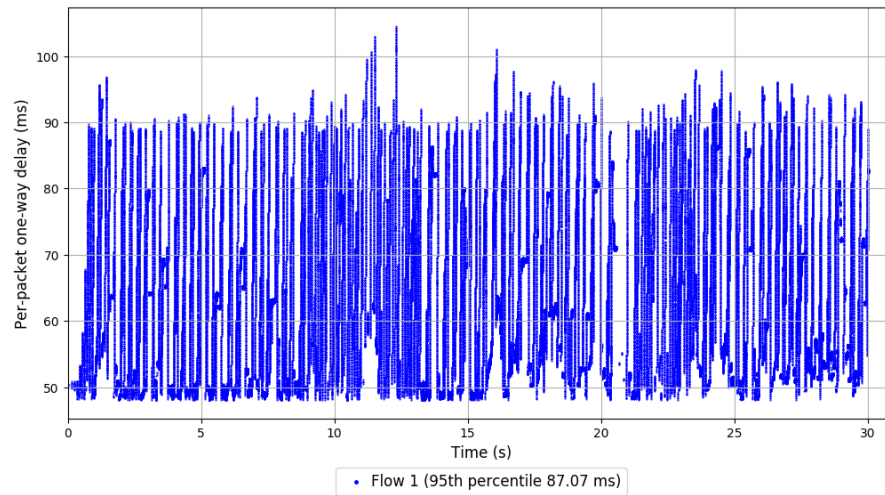
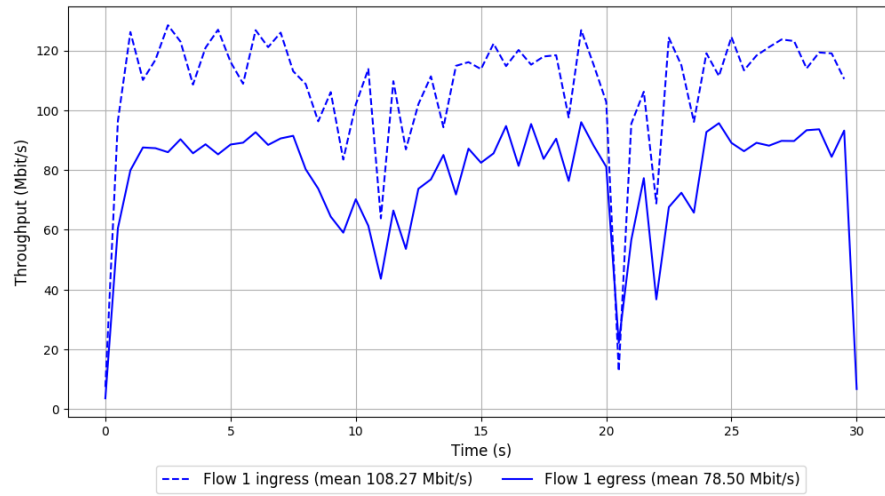


Run 10: Statistics of TCP BBR

Start at: 2017-08-29 14:21:19
End at: 2017-08-29 14:21:49
Local clock offset: 0.409 ms
Remote clock offset: -3.691 ms

Below is generated by plot.py at 2017-08-29 15:03:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.50 Mbit/s
95th percentile per-packet one-way delay: 87.074 ms
Loss rate: 27.43%
-- Flow 1:
Average throughput: 78.50 Mbit/s
95th percentile per-packet one-way delay: 87.074 ms
Loss rate: 27.43%

Run 10: Report of TCP BBR — Data Link

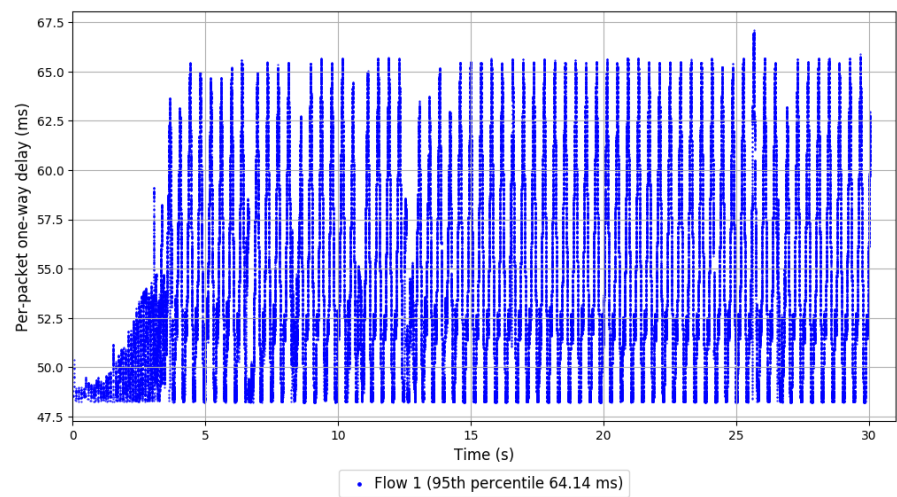
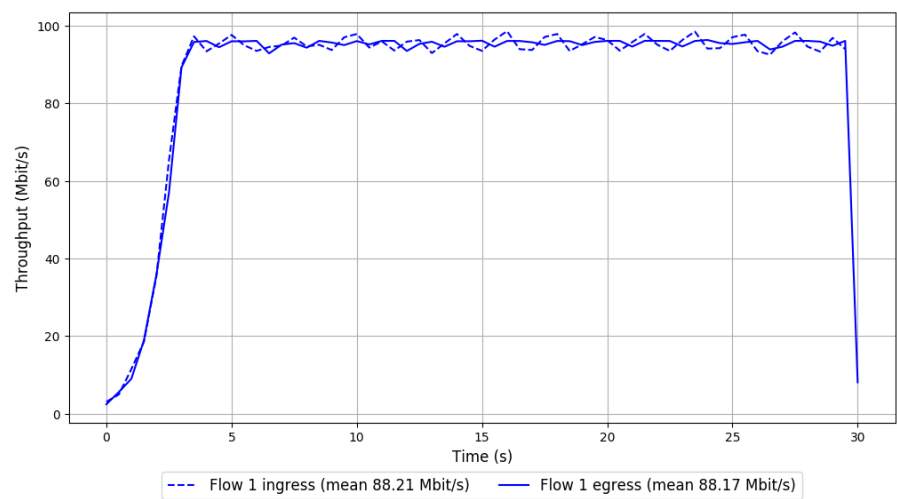


Run 1: Statistics of CalibratedKoho

Start at: 2017-08-29 11:13:56
End at: 2017-08-29 11:14:26
Local clock offset: 0.369 ms
Remote clock offset: -2.785 ms

Below is generated by plot.py at 2017-08-29 15:03:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.17 Mbit/s
95th percentile per-packet one-way delay: 64.141 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 88.17 Mbit/s
95th percentile per-packet one-way delay: 64.141 ms
Loss rate: 0.00%

Run 1: Report of CalibratedKoho — Data Link

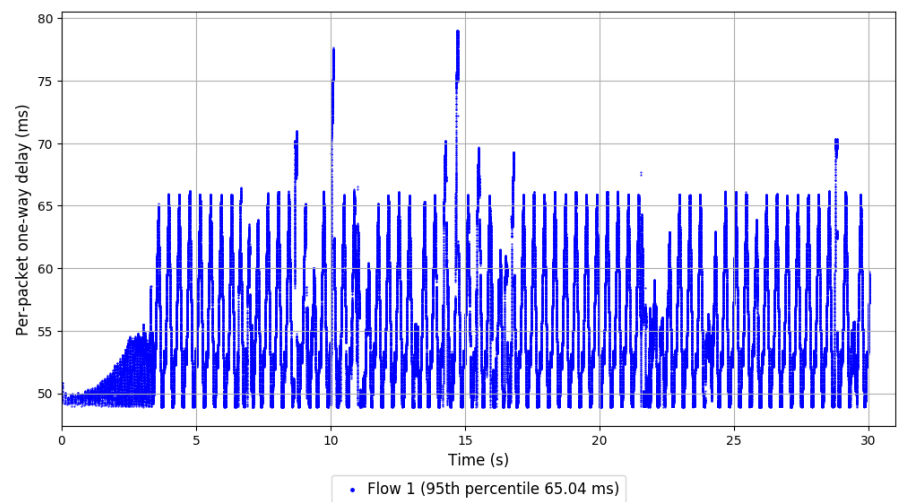
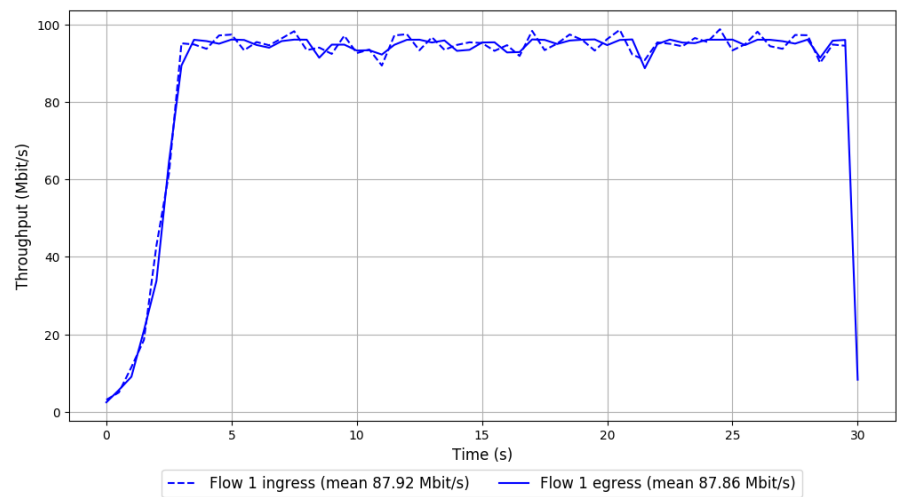


Run 2: Statistics of CalibratedKoho

Start at: 2017-08-29 11:34:07
End at: 2017-08-29 11:34:37
Local clock offset: 0.253 ms
Remote clock offset: -1.227 ms

Below is generated by plot.py at 2017-08-29 15:03:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.86 Mbit/s
95th percentile per-packet one-way delay: 65.040 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 87.86 Mbit/s
95th percentile per-packet one-way delay: 65.040 ms
Loss rate: 0.04%

Run 2: Report of CalibratedKoho — Data Link

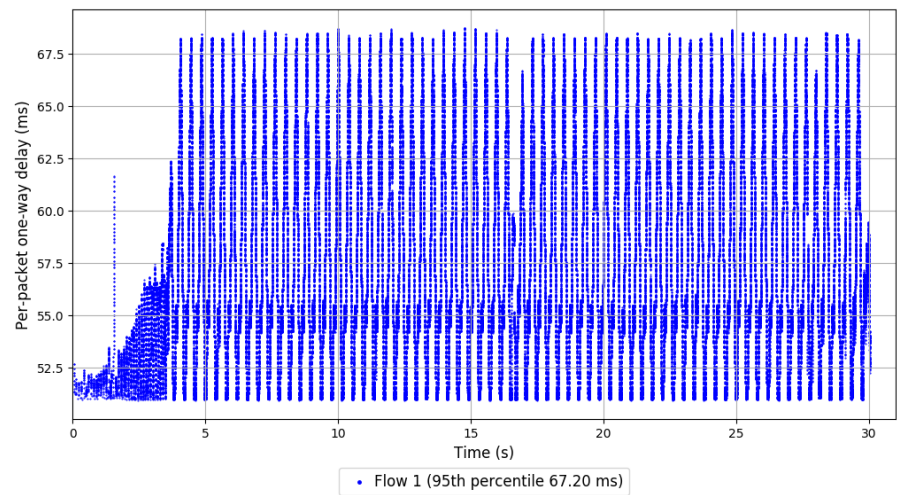
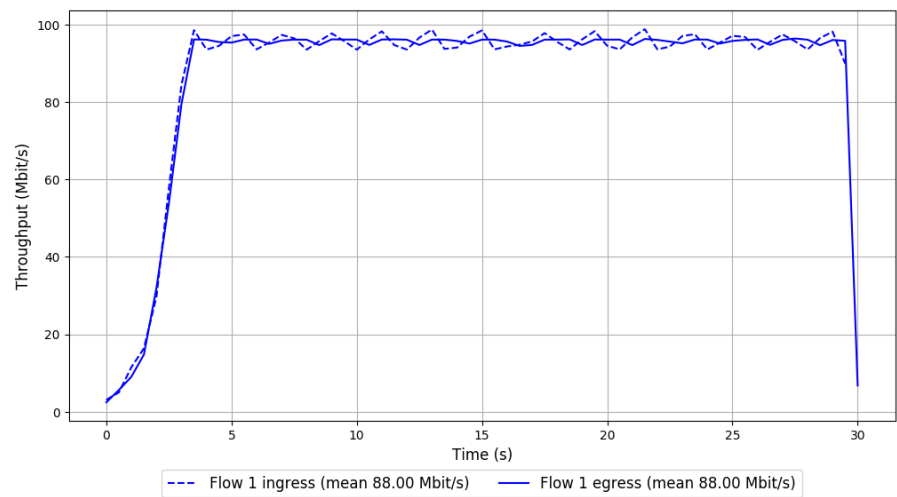


Run 3: Statistics of CalibratedKoho

Start at: 2017-08-29 11:54:31
End at: 2017-08-29 11:55:01
Local clock offset: 0.224 ms
Remote clock offset: -1.077 ms

Below is generated by plot.py at 2017-08-29 15:03:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.00 Mbit/s
95th percentile per-packet one-way delay: 67.202 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 88.00 Mbit/s
95th percentile per-packet one-way delay: 67.202 ms
Loss rate: 0.00%

Run 3: Report of CalibratedKoho — Data Link

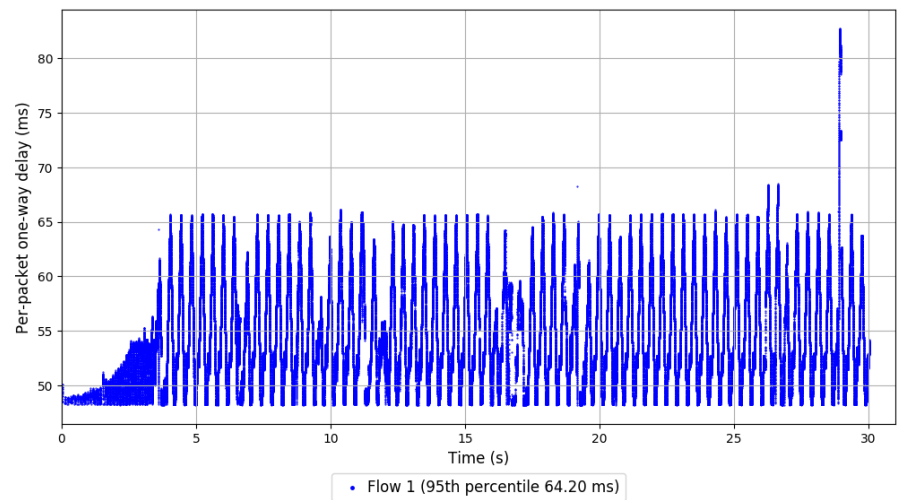
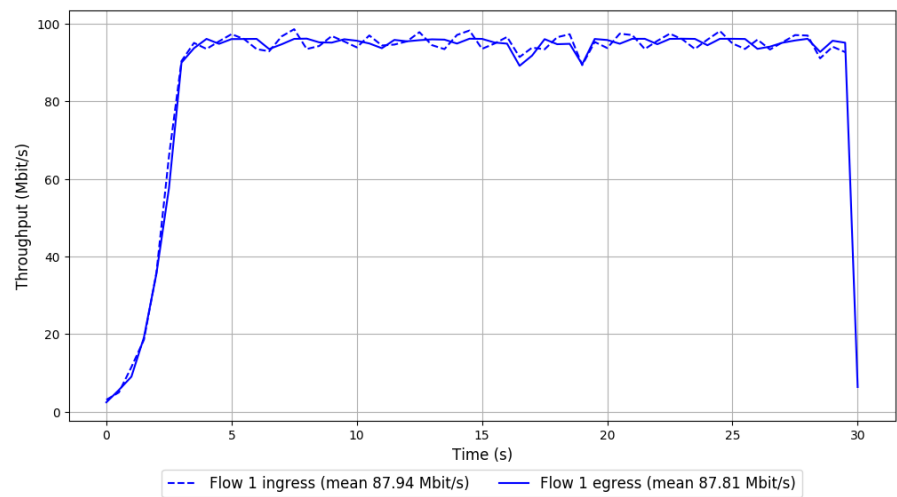


Run 4: Statistics of CalibratedKoho

Start at: 2017-08-29 12:14:51
End at: 2017-08-29 12:15:21
Local clock offset: 0.268 ms
Remote clock offset: -3.744 ms

Below is generated by plot.py at 2017-08-29 15:03:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.81 Mbit/s
95th percentile per-packet one-way delay: 64.203 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 87.81 Mbit/s
95th percentile per-packet one-way delay: 64.203 ms
Loss rate: 0.12%

Run 4: Report of CalibratedKoho — Data Link

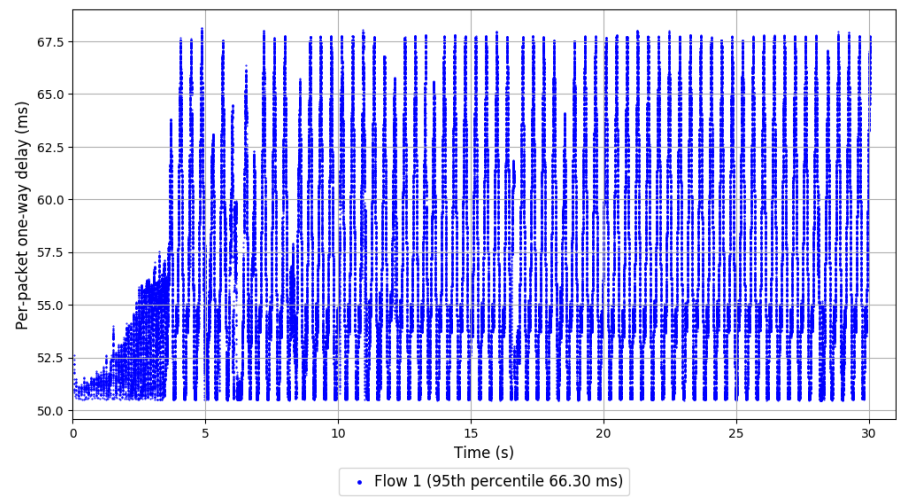
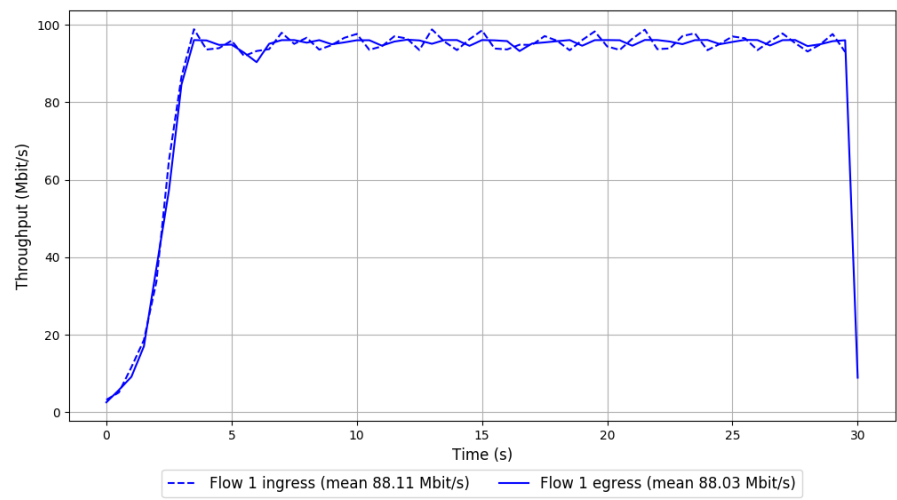


Run 5: Statistics of CalibratedKoho

Start at: 2017-08-29 12:35:01
End at: 2017-08-29 12:35:31
Local clock offset: 0.254 ms
Remote clock offset: -1.683 ms

Below is generated by plot.py at 2017-08-29 15:04:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.03 Mbit/s
95th percentile per-packet one-way delay: 66.296 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 88.03 Mbit/s
95th percentile per-packet one-way delay: 66.296 ms
Loss rate: 0.05%

Run 5: Report of CalibratedKoho — Data Link

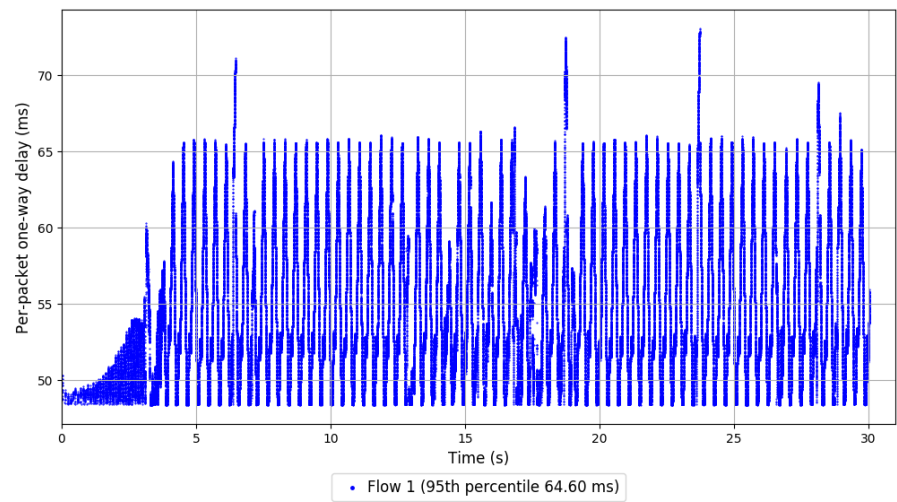
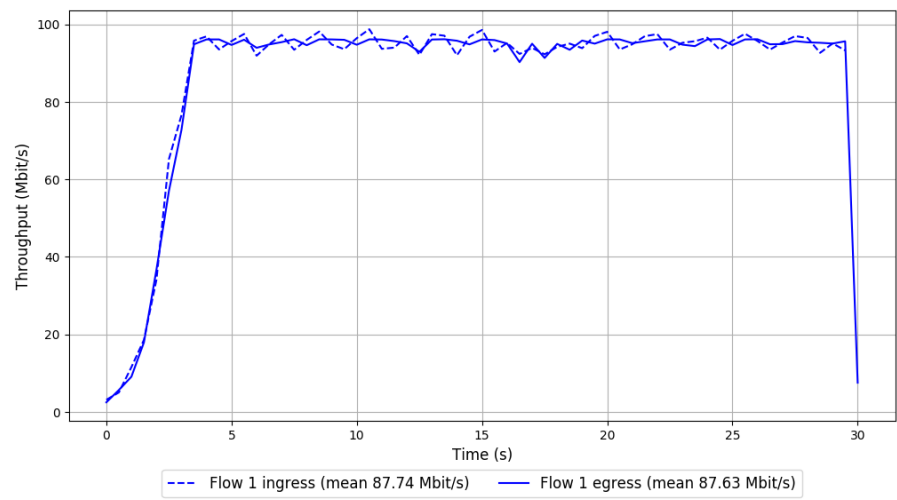


Run 6: Statistics of CalibratedKoho

Start at: 2017-08-29 12:55:07
End at: 2017-08-29 12:55:37
Local clock offset: 0.224 ms
Remote clock offset: -3.757 ms

Below is generated by plot.py at 2017-08-29 15:04:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.63 Mbit/s
95th percentile per-packet one-way delay: 64.600 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 87.63 Mbit/s
95th percentile per-packet one-way delay: 64.600 ms
Loss rate: 0.09%

Run 6: Report of CalibratedKoho — Data Link

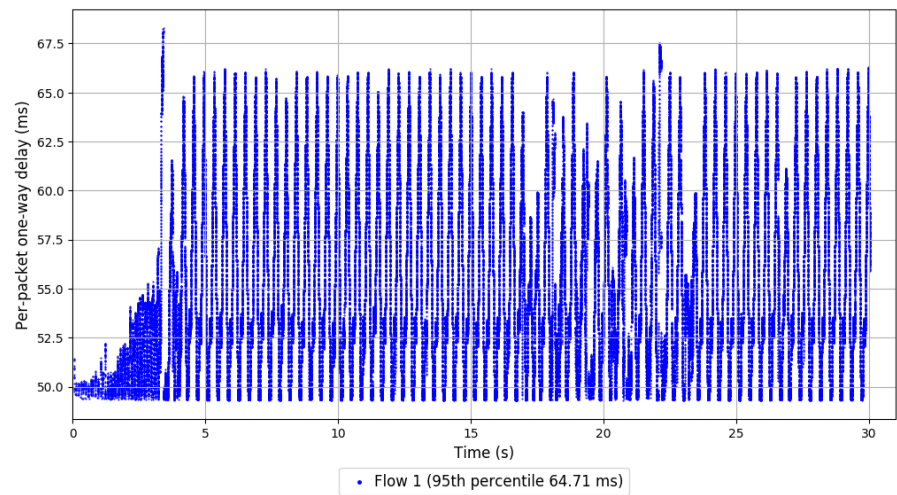
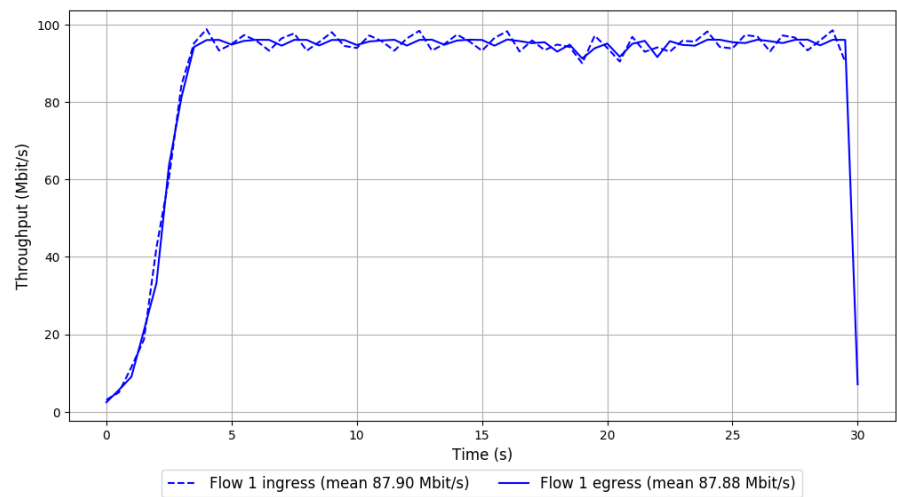


Run 7: Statistics of CalibratedKoho

Start at: 2017-08-29 13:15:28
End at: 2017-08-29 13:15:58
Local clock offset: 0.166 ms
Remote clock offset: -1.249 ms

Below is generated by plot.py at 2017-08-29 15:04:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.88 Mbit/s
95th percentile per-packet one-way delay: 64.713 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 87.88 Mbit/s
95th percentile per-packet one-way delay: 64.713 ms
Loss rate: 0.00%

Run 7: Report of CalibratedKoho — Data Link

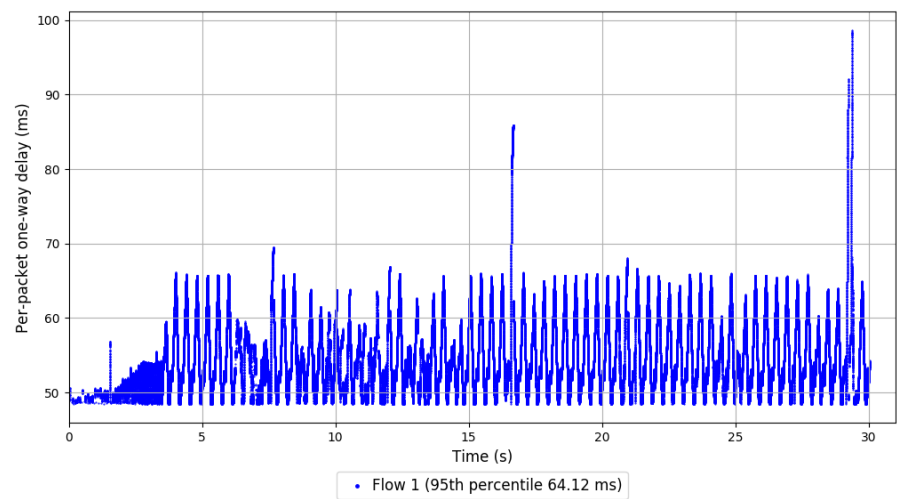
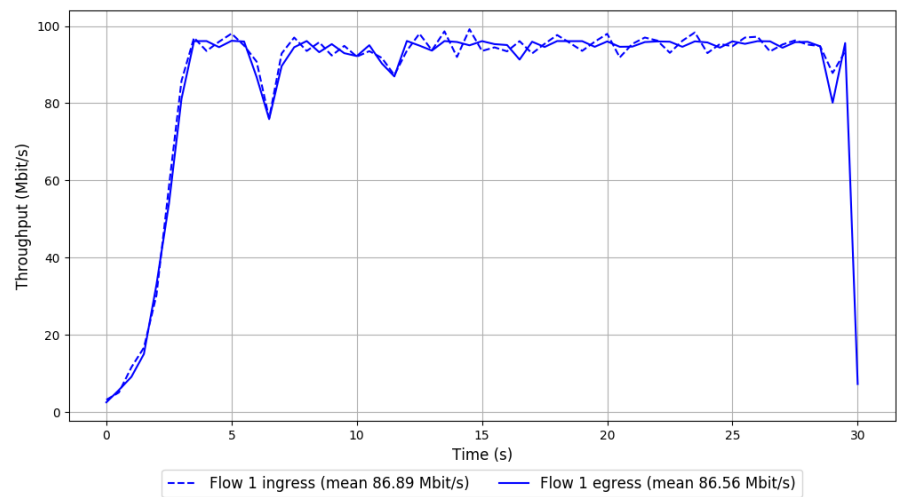


Run 8: Statistics of CalibratedKoho

Start at: 2017-08-29 13:35:39
End at: 2017-08-29 13:36:09
Local clock offset: 0.306 ms
Remote clock offset: -3.608 ms

Below is generated by plot.py at 2017-08-29 15:04:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.56 Mbit/s
95th percentile per-packet one-way delay: 64.120 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 86.56 Mbit/s
95th percentile per-packet one-way delay: 64.120 ms
Loss rate: 0.37%

Run 8: Report of CalibratedKoho — Data Link

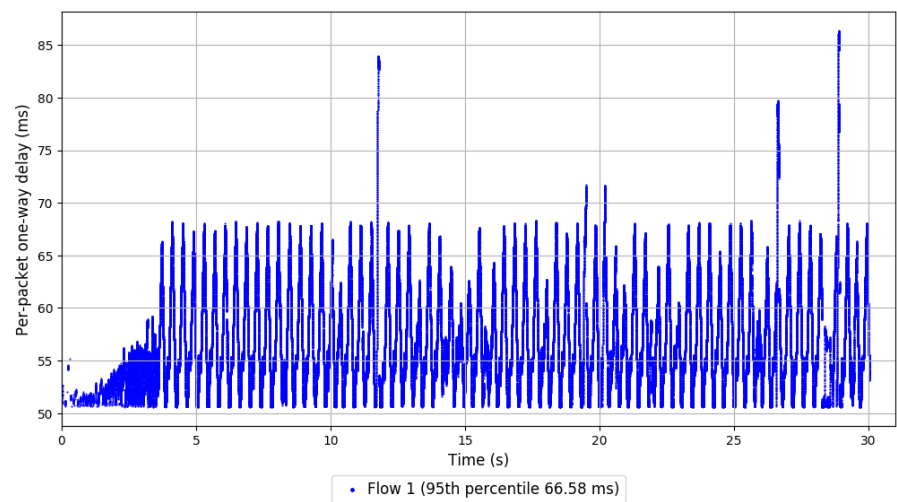
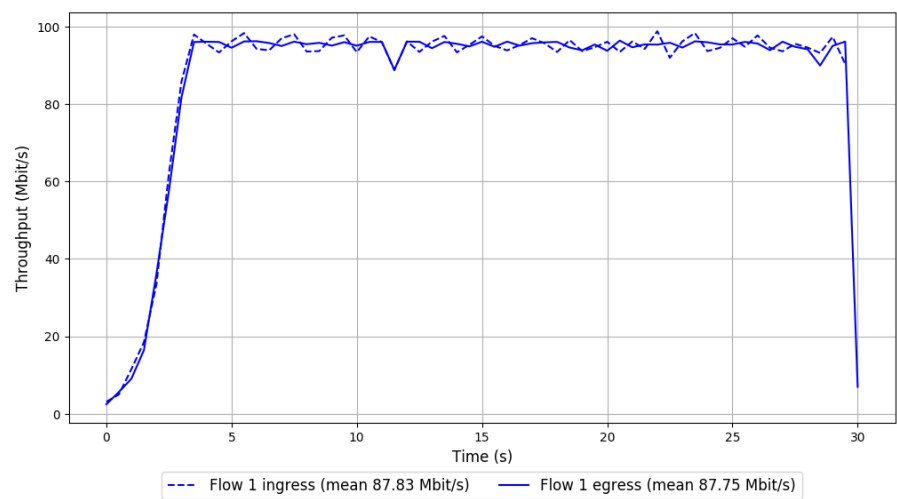


Run 9: Statistics of CalibratedKoho

Start at: 2017-08-29 13:55:48
End at: 2017-08-29 13:56:18
Local clock offset: 0.277 ms
Remote clock offset: -1.397 ms

Below is generated by plot.py at 2017-08-29 15:04:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.75 Mbit/s
95th percentile per-packet one-way delay: 66.577 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 87.75 Mbit/s
95th percentile per-packet one-way delay: 66.577 ms
Loss rate: 0.09%

Run 9: Report of CalibratedKoho — Data Link

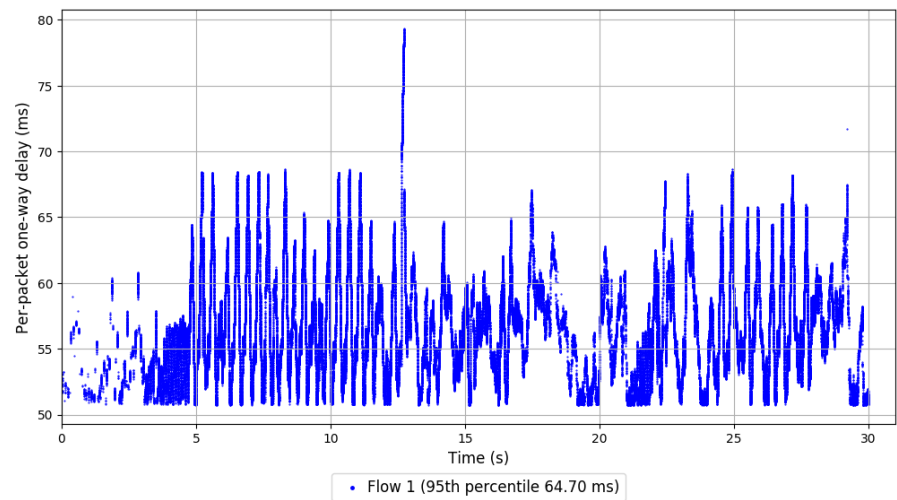
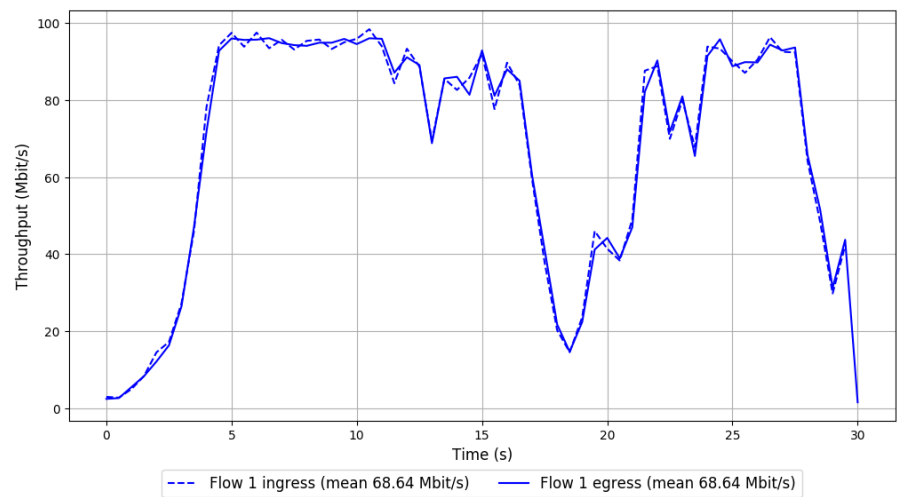


Run 10: Statistics of CalibratedKoho

Start at: 2017-08-29 14:15:52
End at: 2017-08-29 14:16:22
Local clock offset: 0.311 ms
Remote clock offset: -1.008 ms

Below is generated by plot.py at 2017-08-29 15:04:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 68.64 Mbit/s
95th percentile per-packet one-way delay: 64.699 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 68.64 Mbit/s
95th percentile per-packet one-way delay: 64.699 ms
Loss rate: 0.00%

Run 10: Report of CalibratedKoho — Data Link

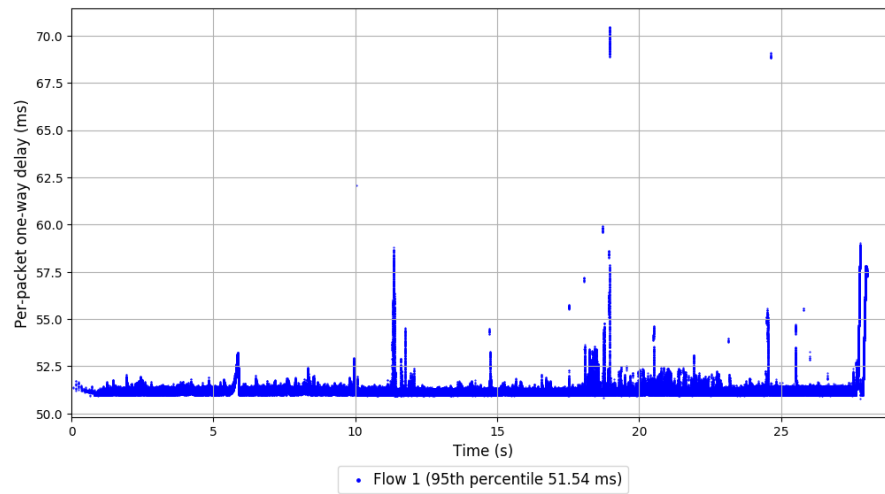
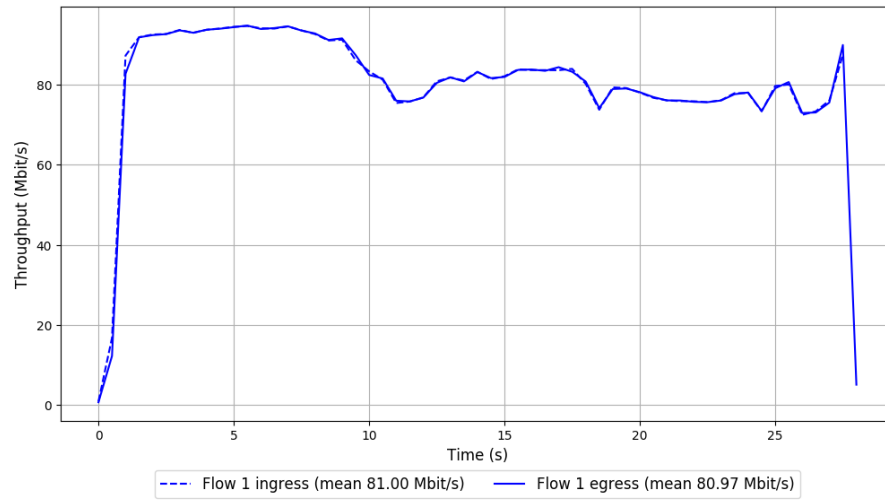


Run 1: Statistics of Copa

Start at: 2017-08-29 11:08:39
End at: 2017-08-29 11:09:09
Local clock offset: 0.427 ms
Remote clock offset: -0.099 ms

Below is generated by plot.py at 2017-08-29 15:04:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.97 Mbit/s
95th percentile per-packet one-way delay: 51.543 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 80.97 Mbit/s
95th percentile per-packet one-way delay: 51.543 ms
Loss rate: 0.02%

Run 1: Report of Copa — Data Link

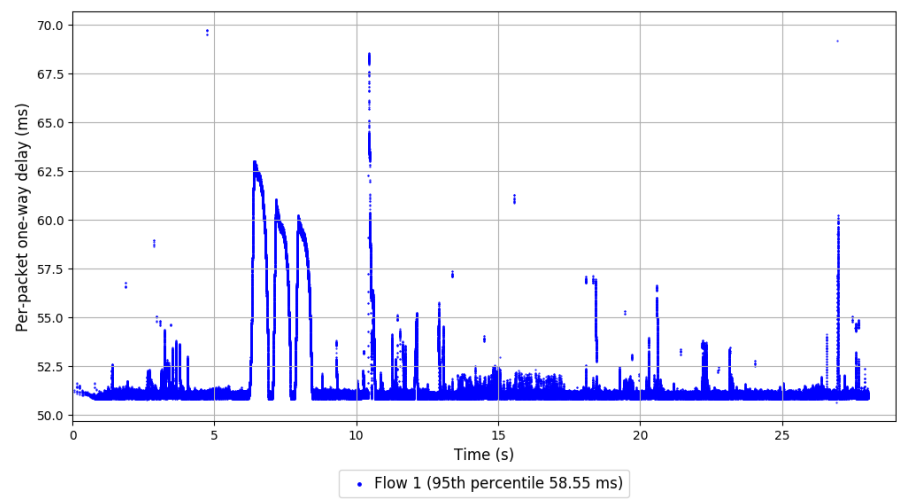
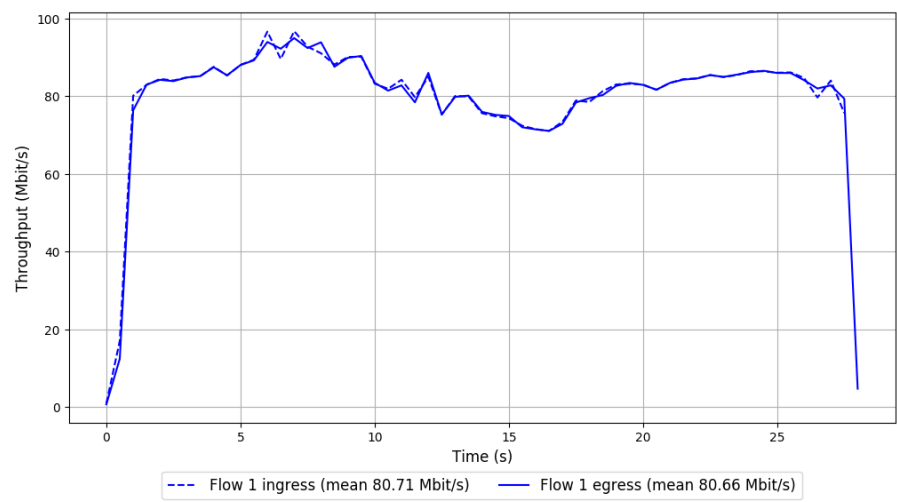


Run 2: Statistics of Copa

Start at: 2017-08-29 11:28:45
End at: 2017-08-29 11:29:15
Local clock offset: 0.241 ms
Remote clock offset: -0.657 ms

Below is generated by plot.py at 2017-08-29 15:04:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.66 Mbit/s
95th percentile per-packet one-way delay: 58.550 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 80.66 Mbit/s
95th percentile per-packet one-way delay: 58.550 ms
Loss rate: 0.06%

Run 2: Report of Copa — Data Link

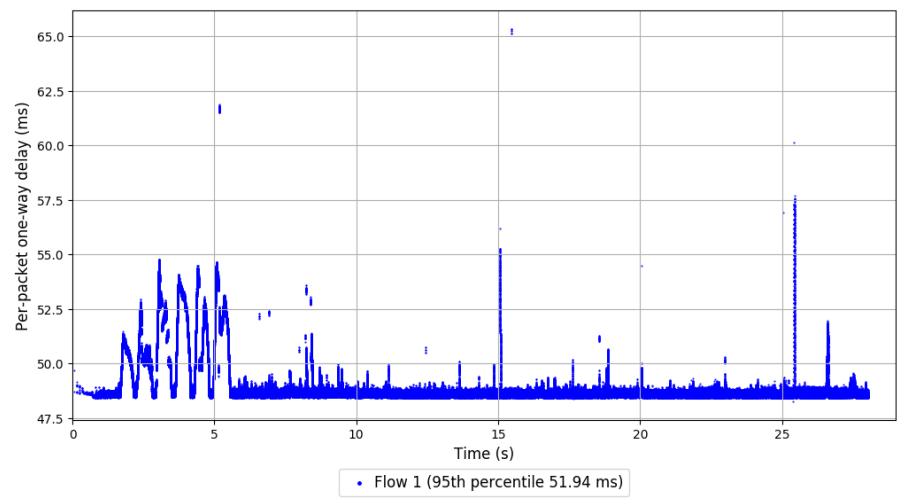
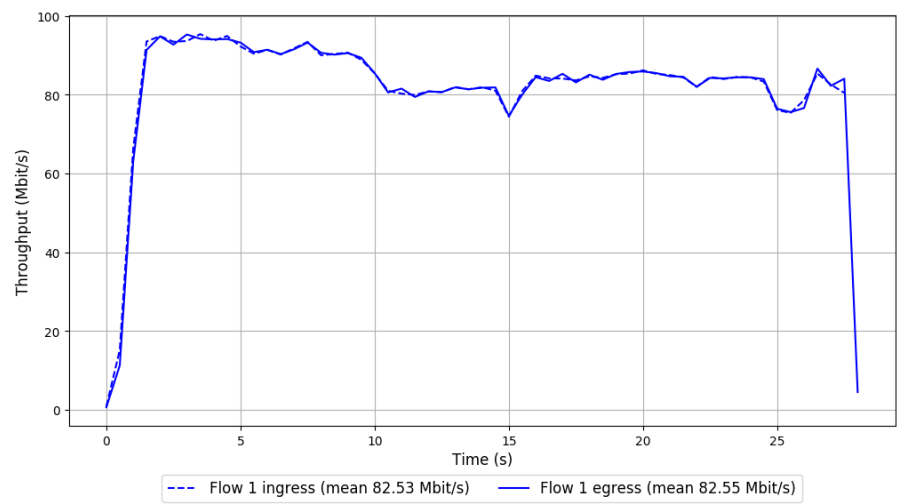


Run 3: Statistics of Copa

Start at: 2017-08-29 11:49:06
End at: 2017-08-29 11:49:36
Local clock offset: 0.321 ms
Remote clock offset: -3.434 ms

Below is generated by plot.py at 2017-08-29 15:05:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.55 Mbit/s
95th percentile per-packet one-way delay: 51.941 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 82.55 Mbit/s
95th percentile per-packet one-way delay: 51.941 ms
Loss rate: 0.00%

Run 3: Report of Copa — Data Link

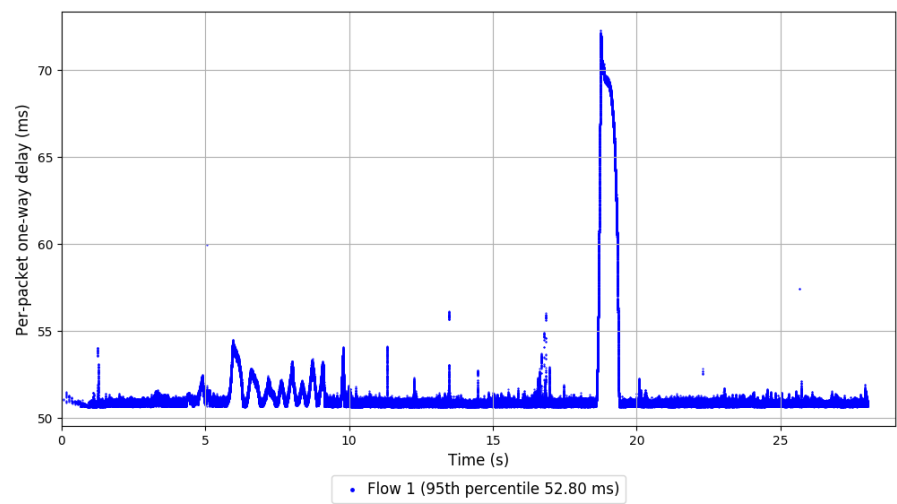
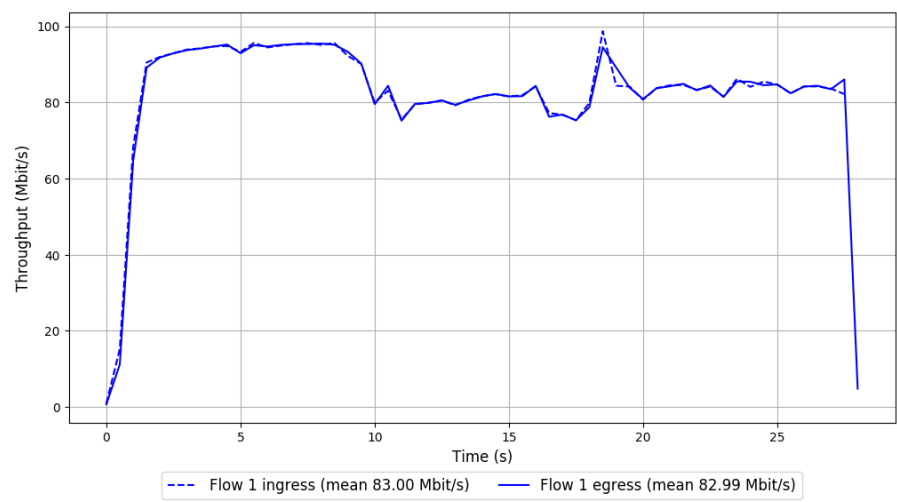


Run 4: Statistics of Copa

Start at: 2017-08-29 12:09:26
End at: 2017-08-29 12:09:56
Local clock offset: 0.204 ms
Remote clock offset: -1.511 ms

Below is generated by plot.py at 2017-08-29 15:05:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.99 Mbit/s
95th percentile per-packet one-way delay: 52.798 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 82.99 Mbit/s
95th percentile per-packet one-way delay: 52.798 ms
Loss rate: 0.03%

Run 4: Report of Copa — Data Link

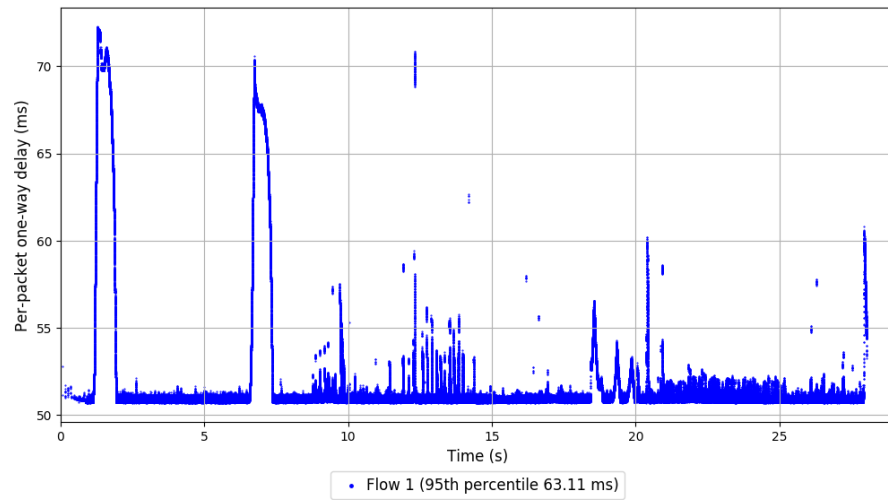
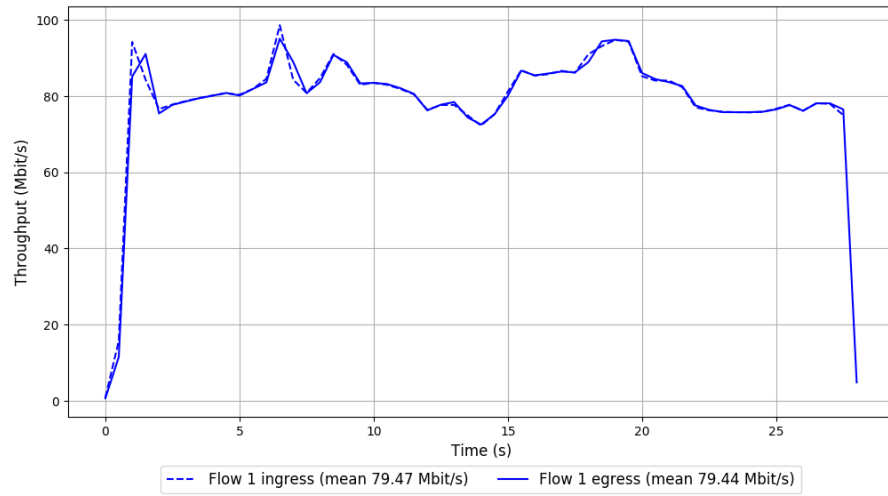


Run 5: Statistics of Copa

Start at: 2017-08-29 12:29:37
End at: 2017-08-29 12:30:07
Local clock offset: 0.174 ms
Remote clock offset: -1.309 ms

Below is generated by plot.py at 2017-08-29 15:05:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 79.44 Mbit/s
95th percentile per-packet one-way delay: 63.106 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 79.44 Mbit/s
95th percentile per-packet one-way delay: 63.106 ms
Loss rate: 0.03%

Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

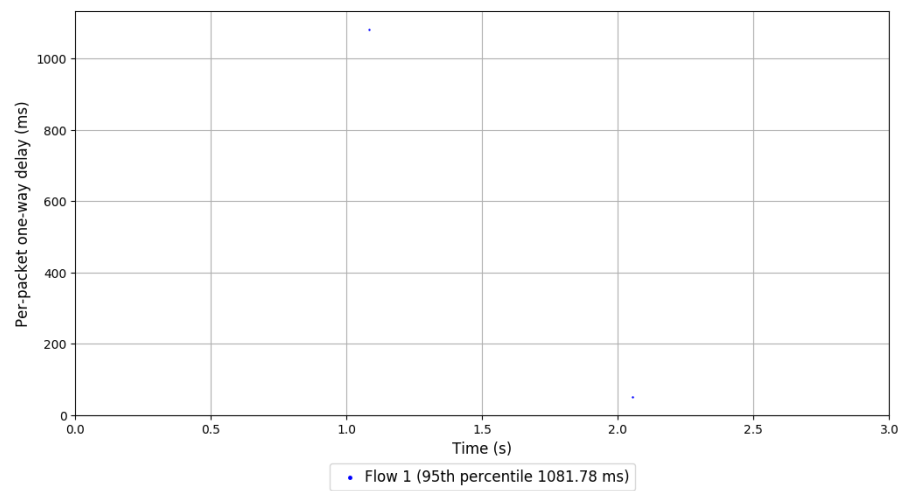
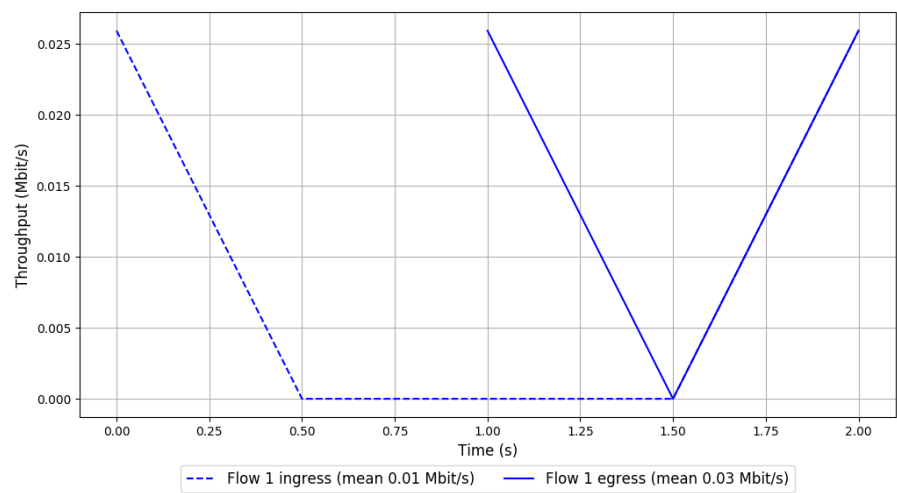
Start at: 2017-08-29 12:49:51

End at: 2017-08-29 12:50:22

Local clock offset: 0.15 ms

Remote clock offset: -1.738 ms

Run 6: Report of Copa — Data Link

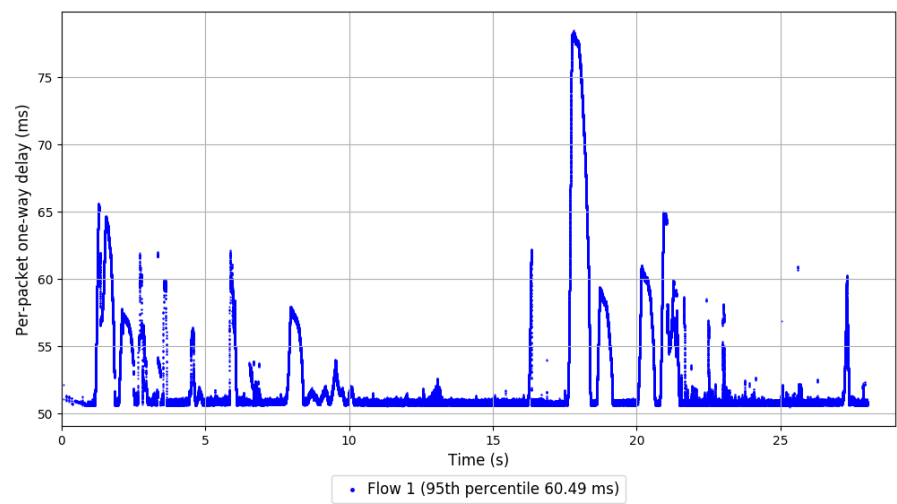
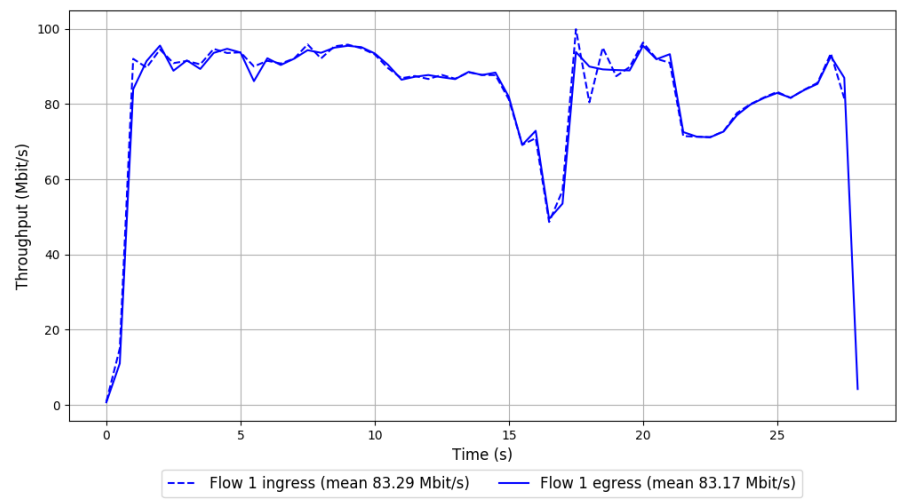


Run 7: Statistics of Copa

Start at: 2017-08-29 13:10:02
End at: 2017-08-29 13:10:32
Local clock offset: 0.132 ms
Remote clock offset: -1.622 ms

Below is generated by plot.py at 2017-08-29 15:05:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.17 Mbit/s
95th percentile per-packet one-way delay: 60.487 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 83.17 Mbit/s
95th percentile per-packet one-way delay: 60.487 ms
Loss rate: 0.15%

Run 7: Report of Copa — Data Link

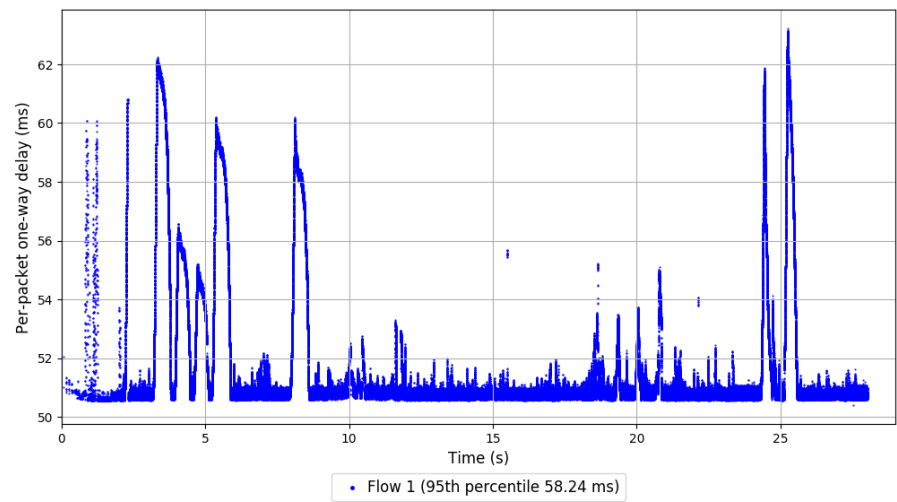
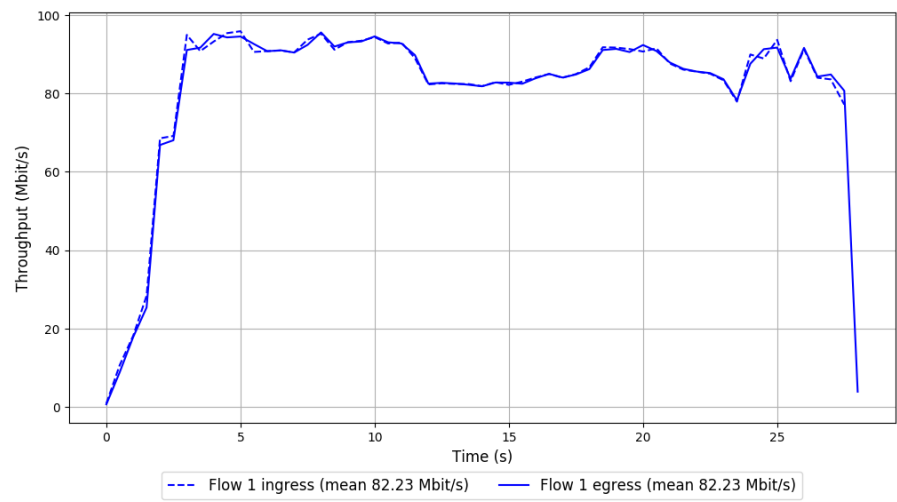


Run 8: Statistics of Copa

Start at: 2017-08-29 13:30:16
End at: 2017-08-29 13:30:46
Local clock offset: 0.195 ms
Remote clock offset: -1.597 ms

Below is generated by plot.py at 2017-08-29 15:05:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.23 Mbit/s
95th percentile per-packet one-way delay: 58.237 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 82.23 Mbit/s
95th percentile per-packet one-way delay: 58.237 ms
Loss rate: 0.02%

Run 8: Report of Copa — Data Link

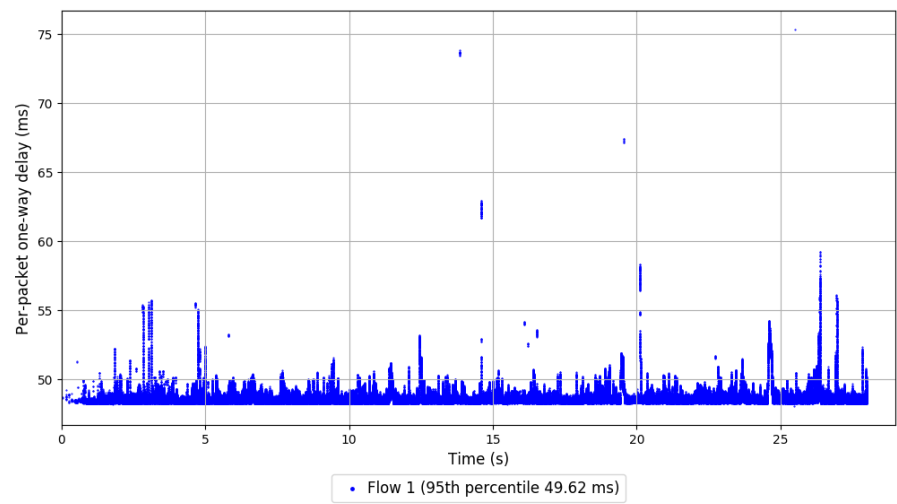
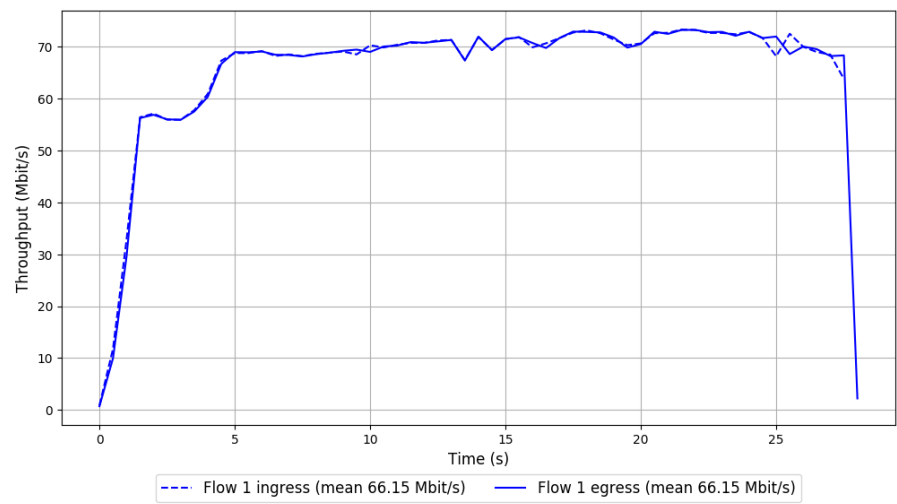


Run 9: Statistics of Copa

Start at: 2017-08-29 13:50:26
End at: 2017-08-29 13:50:56
Local clock offset: 0.252 ms
Remote clock offset: -3.608 ms

Below is generated by plot.py at 2017-08-29 15:05:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 66.15 Mbit/s
95th percentile per-packet one-way delay: 49.615 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 66.15 Mbit/s
95th percentile per-packet one-way delay: 49.615 ms
Loss rate: 0.00%

Run 9: Report of Copa — Data Link

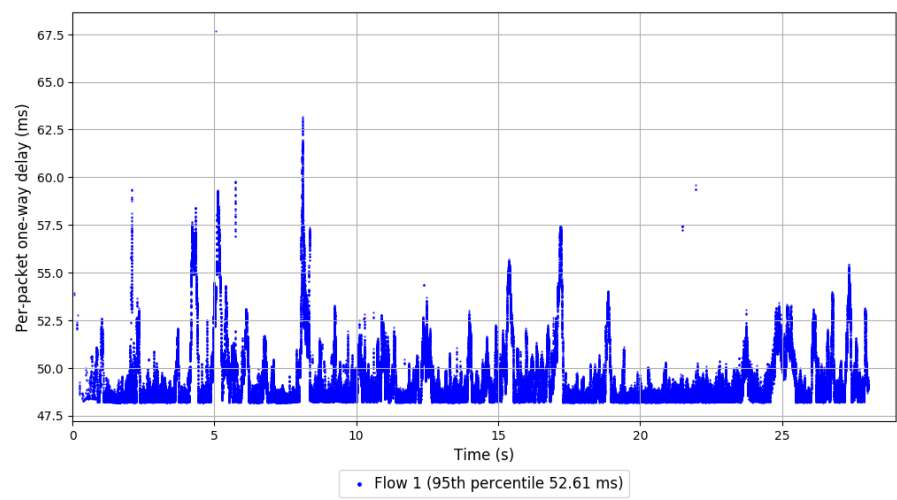
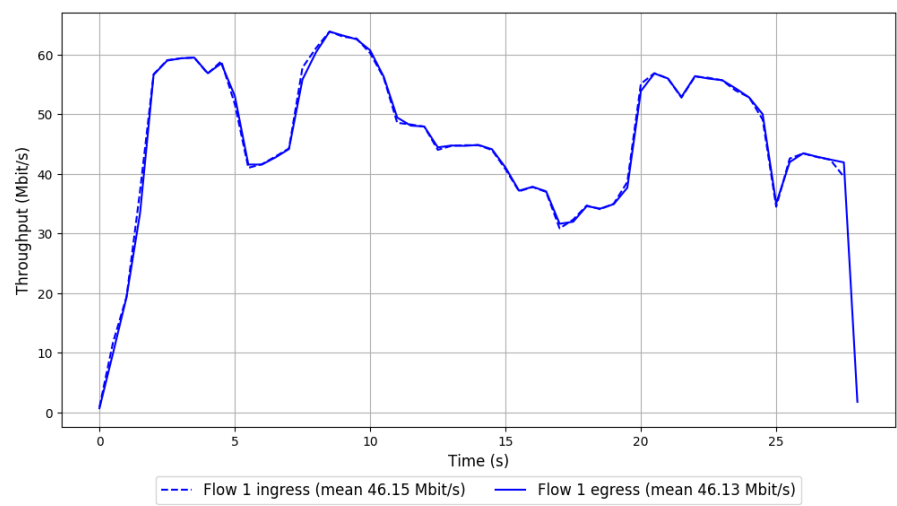


Run 10: Statistics of Copa

Start at: 2017-08-29 14:10:36
End at: 2017-08-29 14:11:06
Local clock offset: 0.311 ms
Remote clock offset: -3.494 ms

Below is generated by plot.py at 2017-08-29 15:05:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 46.13 Mbit/s
95th percentile per-packet one-way delay: 52.609 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 46.13 Mbit/s
95th percentile per-packet one-way delay: 52.609 ms
Loss rate: 0.04%

Run 10: Report of Copa — Data Link

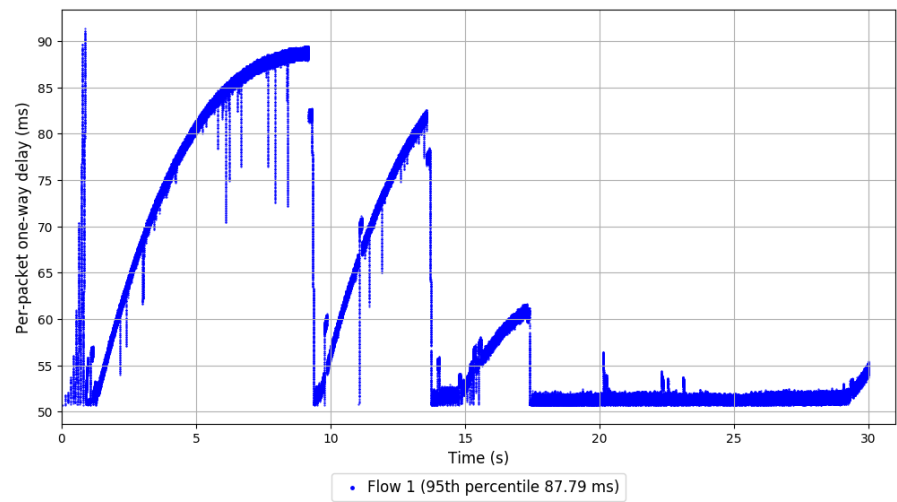
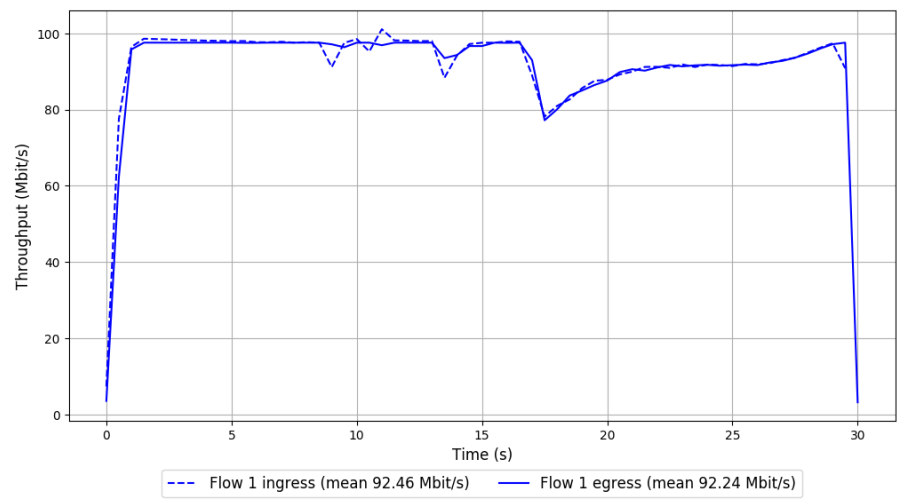


Run 1: Statistics of TCP Cubic

Start at: 2017-08-29 11:03:16
End at: 2017-08-29 11:03:46
Local clock offset: 0.332 ms
Remote clock offset: -0.069 ms

Below is generated by plot.py at 2017-08-29 15:06:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.24 Mbit/s
95th percentile per-packet one-way delay: 87.788 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 92.24 Mbit/s
95th percentile per-packet one-way delay: 87.788 ms
Loss rate: 0.22%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

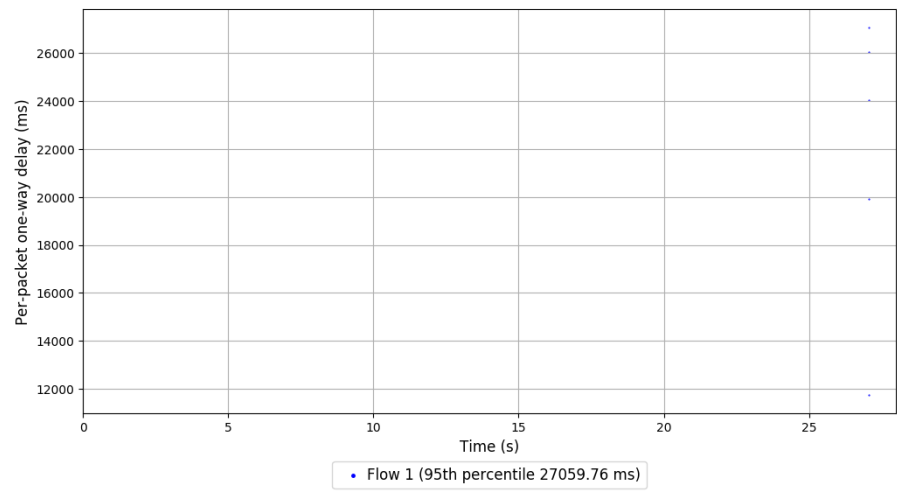
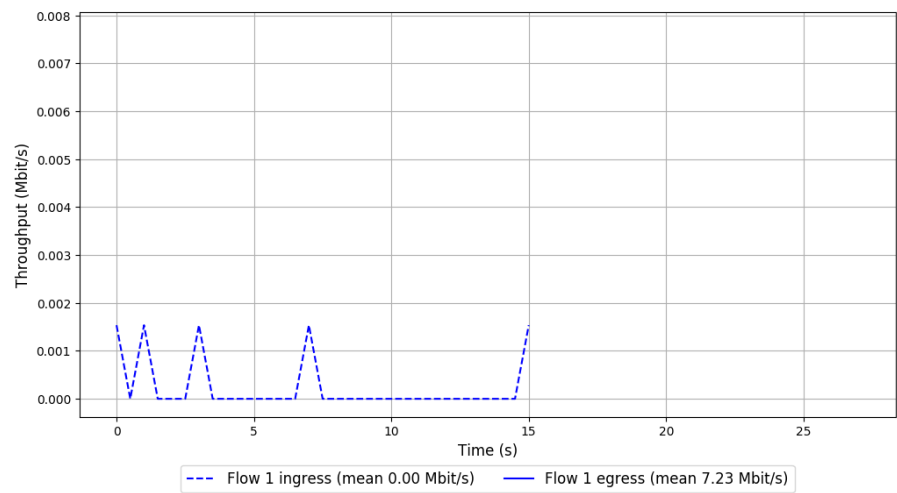
Start at: 2017-08-29 11:23:28

End at: 2017-08-29 11:23:58

Local clock offset: 0.341 ms

Remote clock offset: -0.953 ms

Run 2: Report of TCP Cubic — Data Link

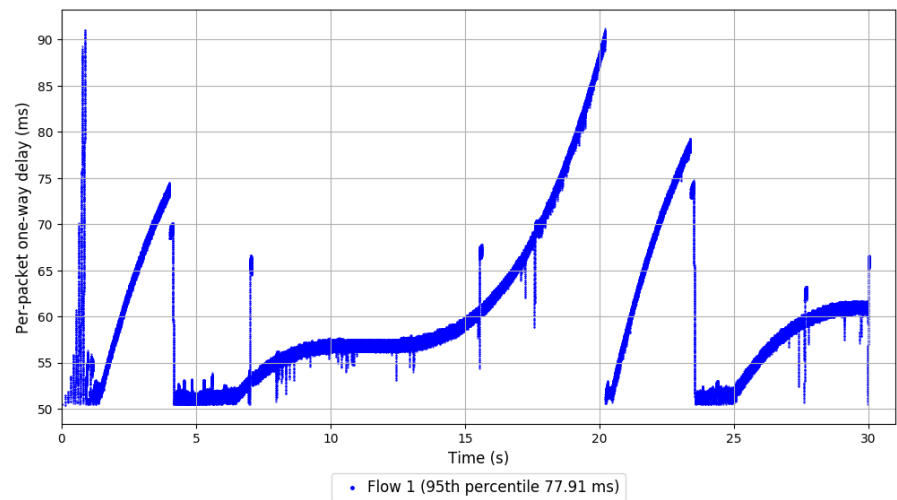
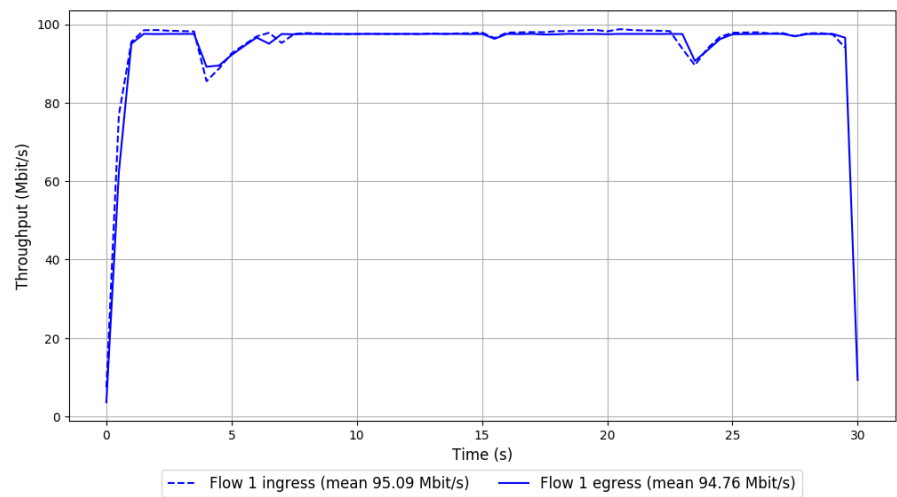


Run 3: Statistics of TCP Cubic

Start at: 2017-08-29 11:43:42
End at: 2017-08-29 11:44:12
Local clock offset: 0.348 ms
Remote clock offset: -1.309 ms

Below is generated by plot.py at 2017-08-29 15:06:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.76 Mbit/s
95th percentile per-packet one-way delay: 77.911 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 94.76 Mbit/s
95th percentile per-packet one-way delay: 77.911 ms
Loss rate: 0.32%

Run 3: Report of TCP Cubic — Data Link

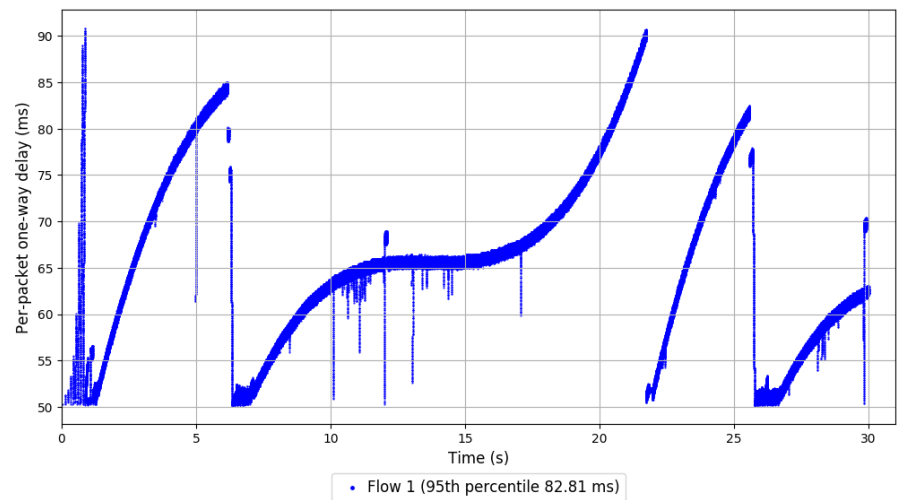
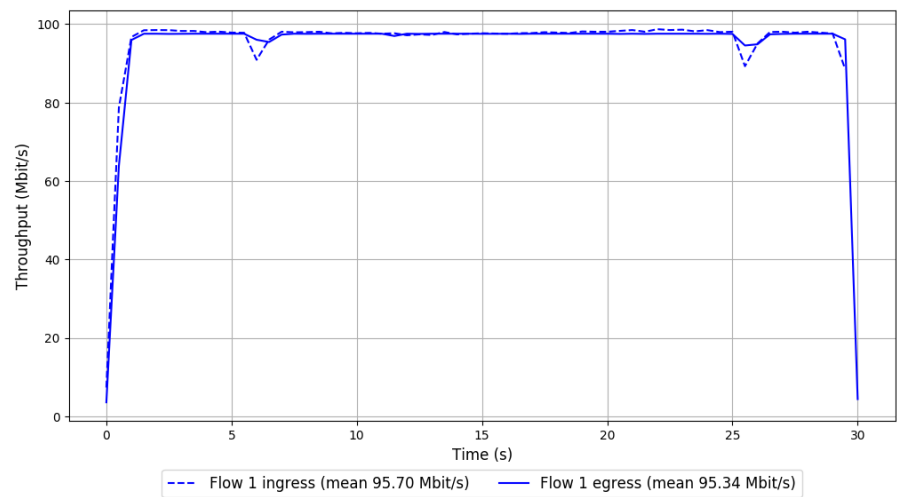


Run 4: Statistics of TCP Cubic

Start at: 2017-08-29 12:04:03
End at: 2017-08-29 12:04:33
Local clock offset: 0.294 ms
Remote clock offset: -1.625 ms

Below is generated by plot.py at 2017-08-29 15:06:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.34 Mbit/s
95th percentile per-packet one-way delay: 82.811 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 95.34 Mbit/s
95th percentile per-packet one-way delay: 82.811 ms
Loss rate: 0.34%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

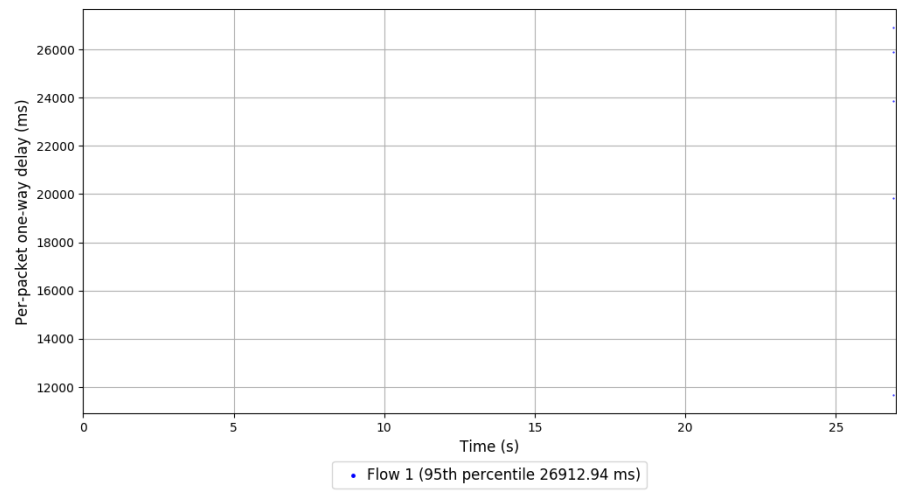
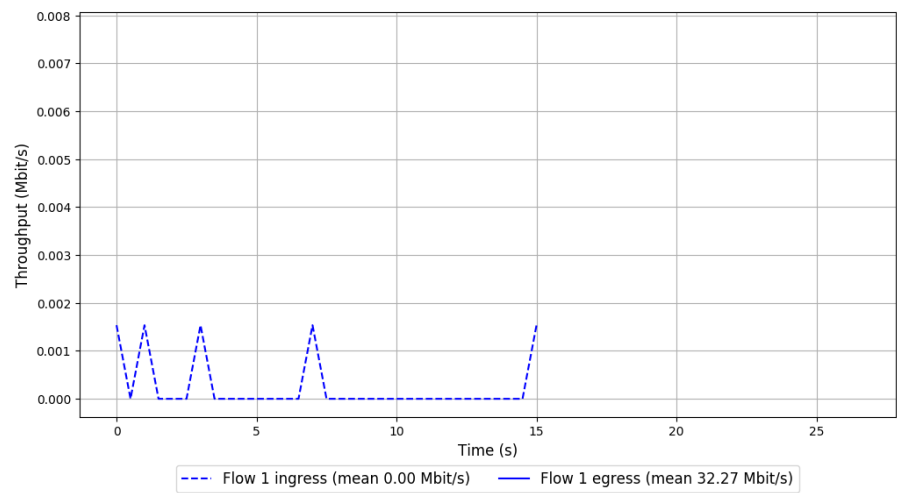
Start at: 2017-08-29 12:24:20

End at: 2017-08-29 12:24:50

Local clock offset: 0.136 ms

Remote clock offset: -1.801 ms

Run 5: Report of TCP Cubic — Data Link

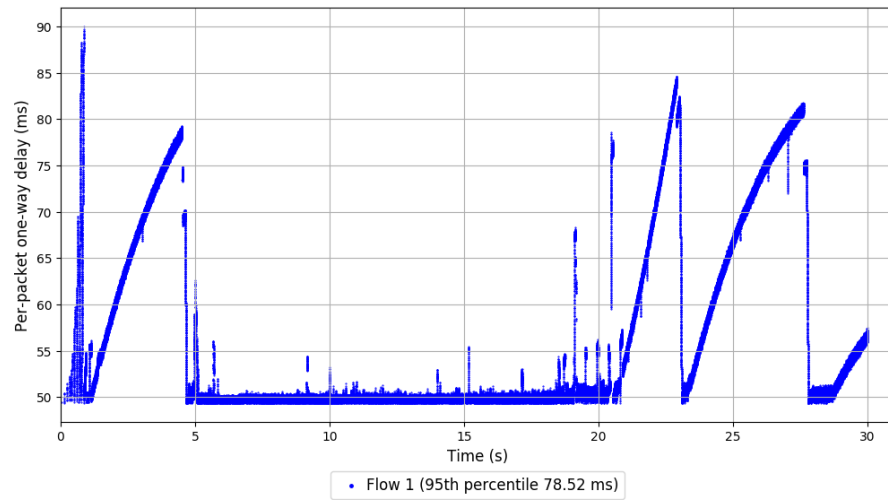
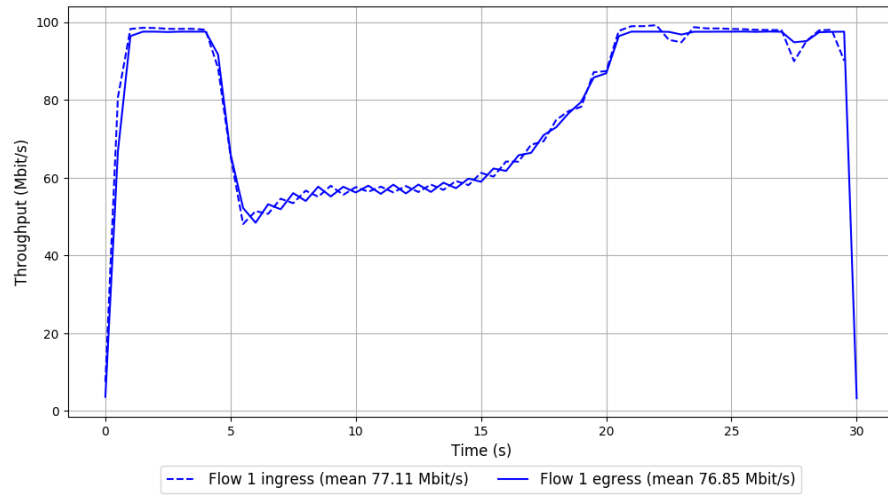


Run 6: Statistics of TCP Cubic

Start at: 2017-08-29 12:44:29
End at: 2017-08-29 12:44:59
Local clock offset: 0.131 ms
Remote clock offset: -1.166 ms

Below is generated by plot.py at 2017-08-29 15:06:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.85 Mbit/s
95th percentile per-packet one-way delay: 78.524 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 76.85 Mbit/s
95th percentile per-packet one-way delay: 78.524 ms
Loss rate: 0.32%

Run 6: Report of TCP Cubic — Data Link

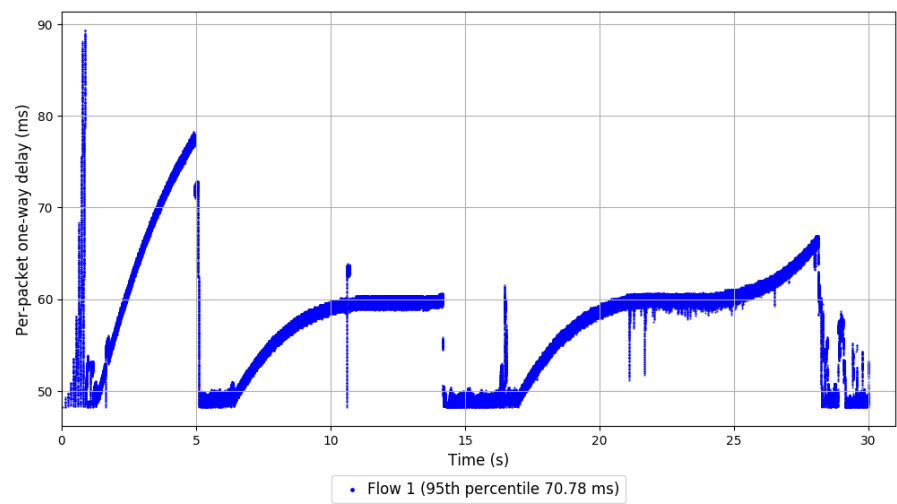
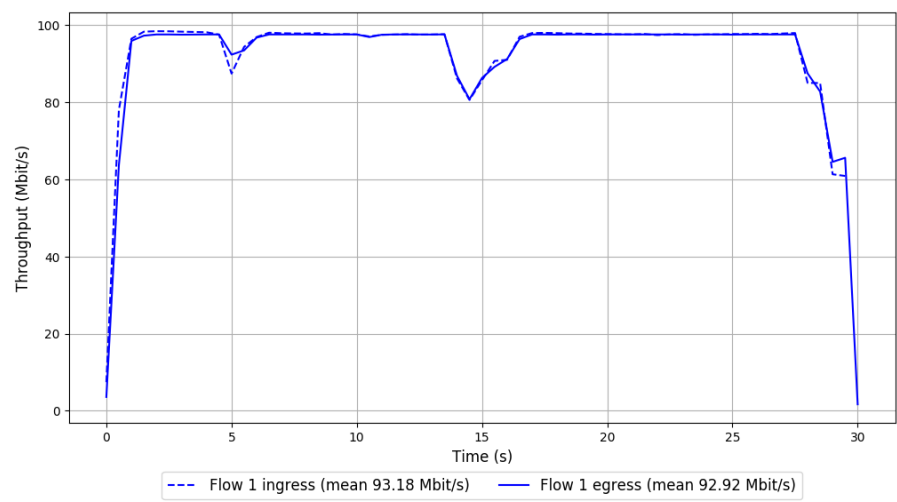


Run 7: Statistics of TCP Cubic

Start at: 2017-08-29 13:04:38
End at: 2017-08-29 13:05:08
Local clock offset: 0.214 ms
Remote clock offset: -3.673 ms

Below is generated by plot.py at 2017-08-29 15:06:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.92 Mbit/s
95th percentile per-packet one-way delay: 70.782 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 92.92 Mbit/s
95th percentile per-packet one-way delay: 70.782 ms
Loss rate: 0.27%

Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

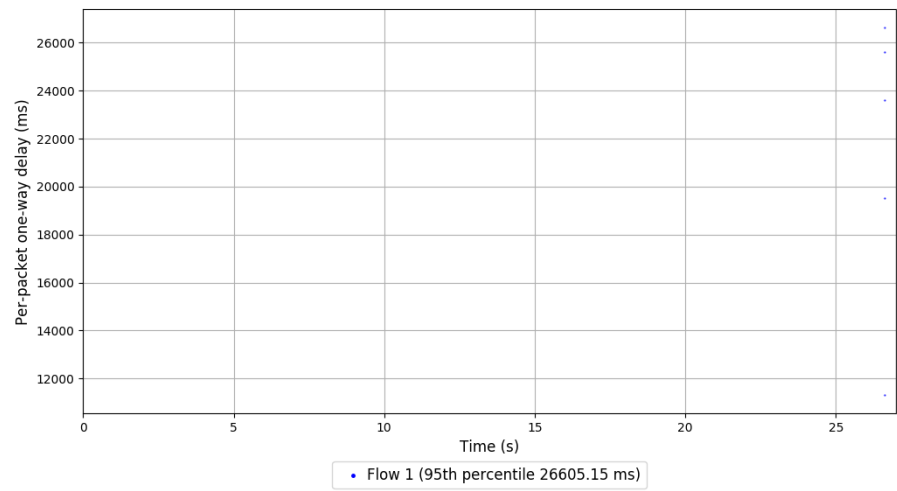
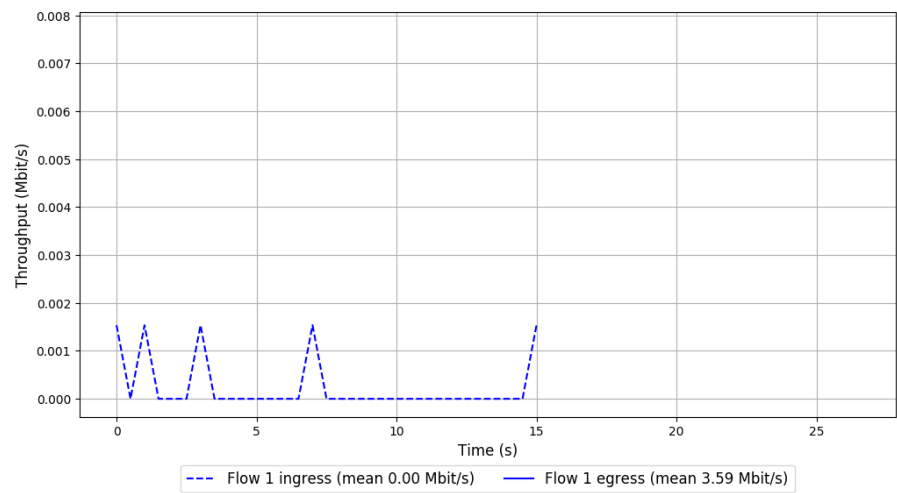
Start at: 2017-08-29 13:25:00

End at: 2017-08-29 13:25:30

Local clock offset: 0.205 ms

Remote clock offset: -1.554 ms

Run 8: Report of TCP Cubic — Data Link



Run 9: Statistics of TCP Cubic

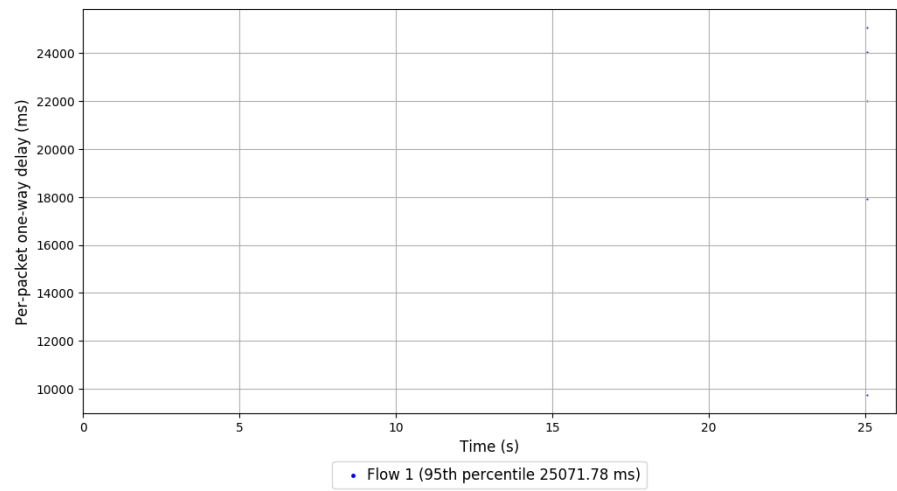
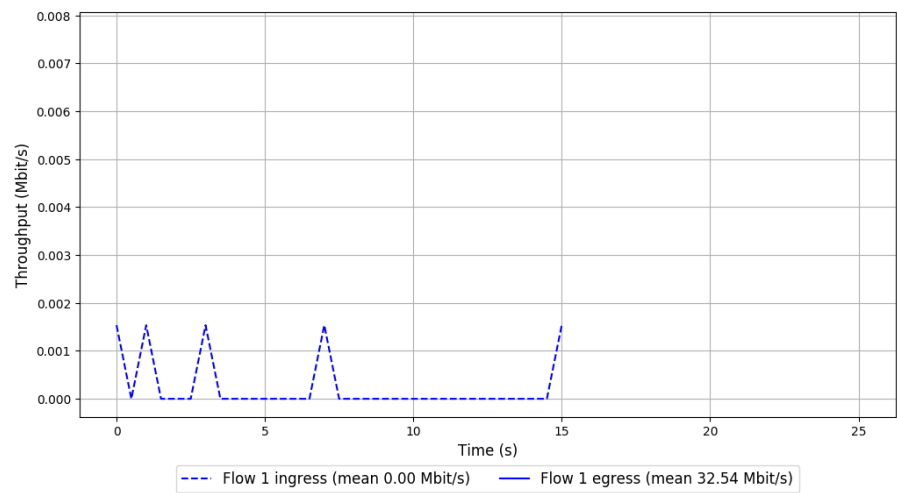
Start at: 2017-08-29 13:45:10

End at: 2017-08-29 13:45:40

Local clock offset: 0.349 ms

Remote clock offset: -1.668 ms

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

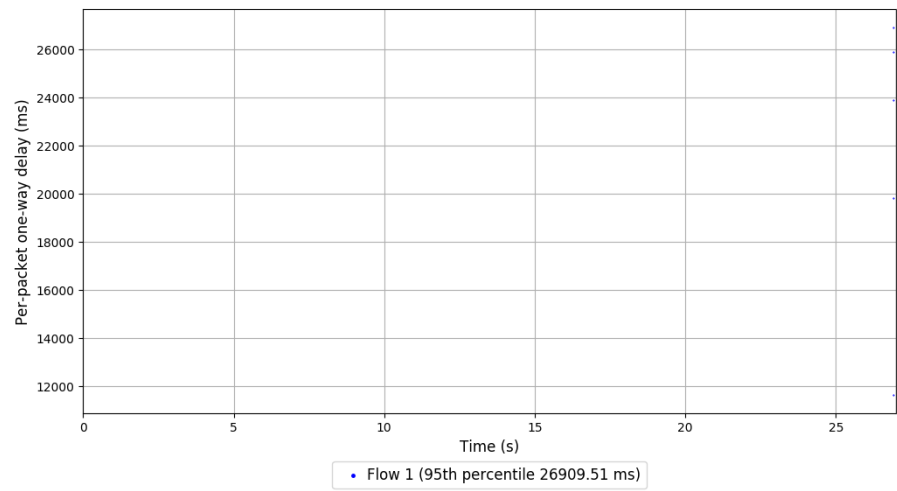
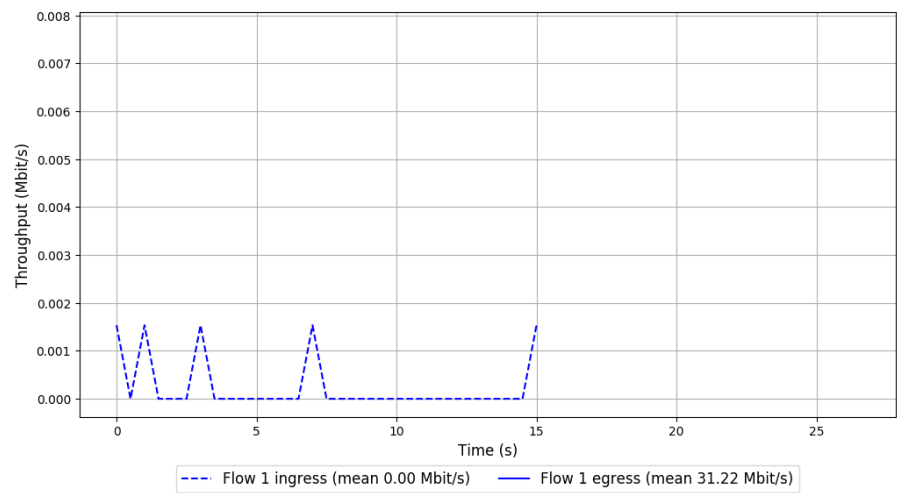
Start at: 2017-08-29 14:05:18

End at: 2017-08-29 14:05:48

Local clock offset: 0.313 ms

Remote clock offset: -3.486 ms

Run 10: Report of TCP Cubic — Data Link



Run 1: Statistics of Indigo

Start at: 2017-08-29 11:15:20

End at: 2017-08-29 11:15:50

Local clock offset: 0.379 ms

Remote clock offset: -2.766 ms

Below is generated by plot.py at 2017-08-29 15:06:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 54.48 Mbit/s

95th percentile per-packet one-way delay: 50.575 ms

Loss rate: 0.04%

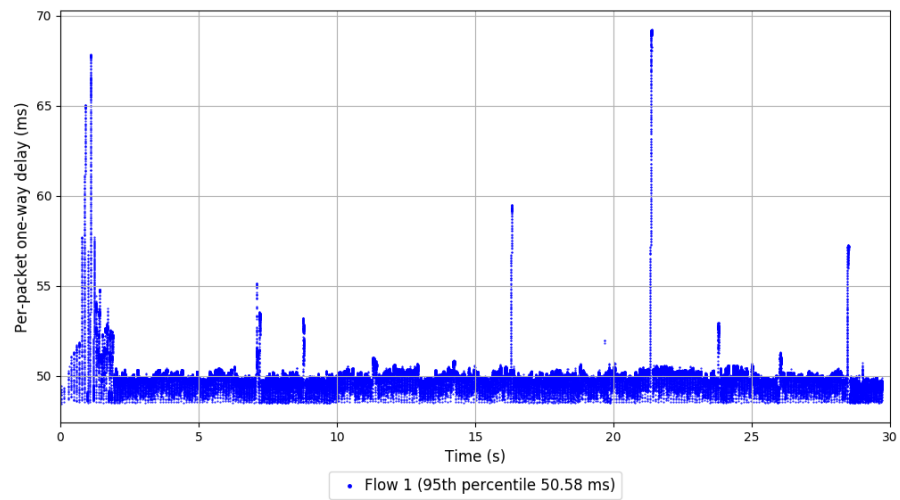
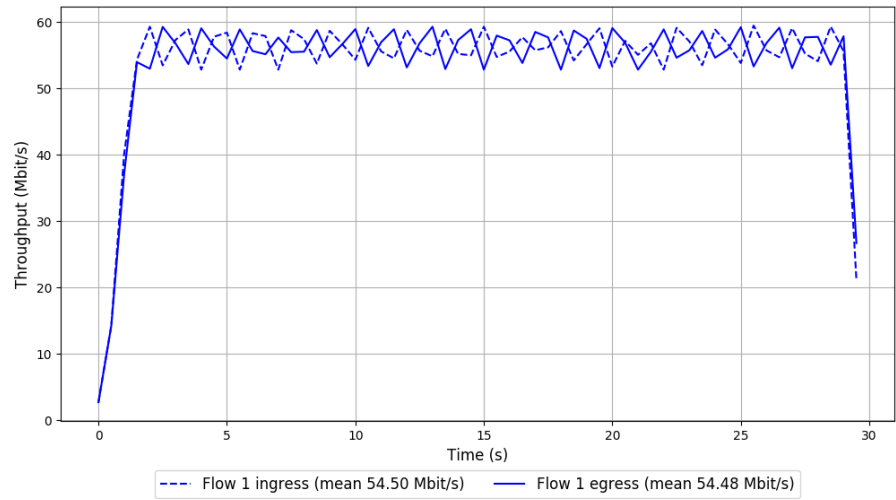
-- Flow 1:

Average throughput: 54.48 Mbit/s

95th percentile per-packet one-way delay: 50.575 ms

Loss rate: 0.04%

Run 1: Report of Indigo — Data Link

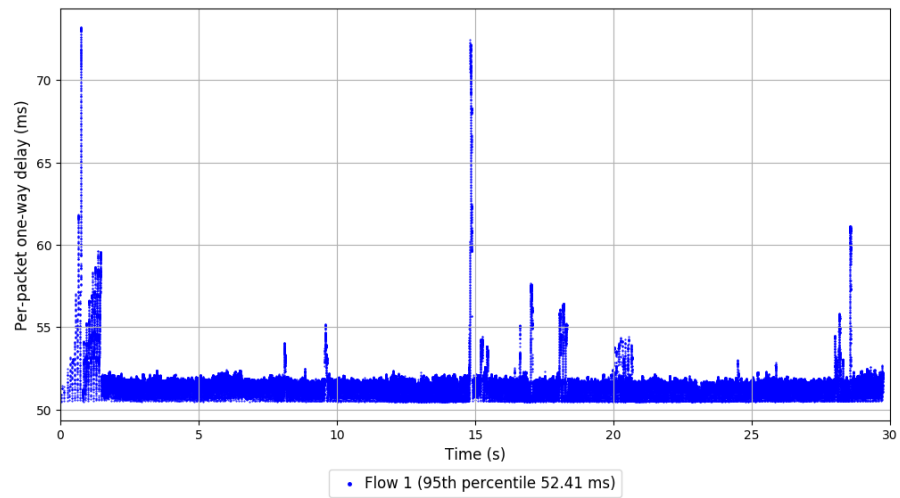
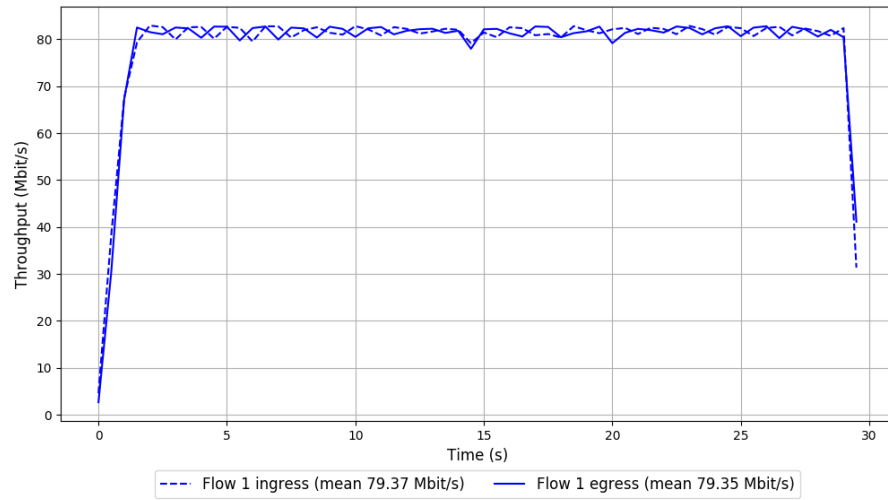


Run 2: Statistics of Indigo

Start at: 2017-08-29 11:35:31
End at: 2017-08-29 11:36:01
Local clock offset: 0.246 ms
Remote clock offset: -1.332 ms

Below is generated by plot.py at 2017-08-29 15:06:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 79.35 Mbit/s
95th percentile per-packet one-way delay: 52.413 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 79.35 Mbit/s
95th percentile per-packet one-way delay: 52.413 ms
Loss rate: 0.05%

Run 2: Report of Indigo — Data Link

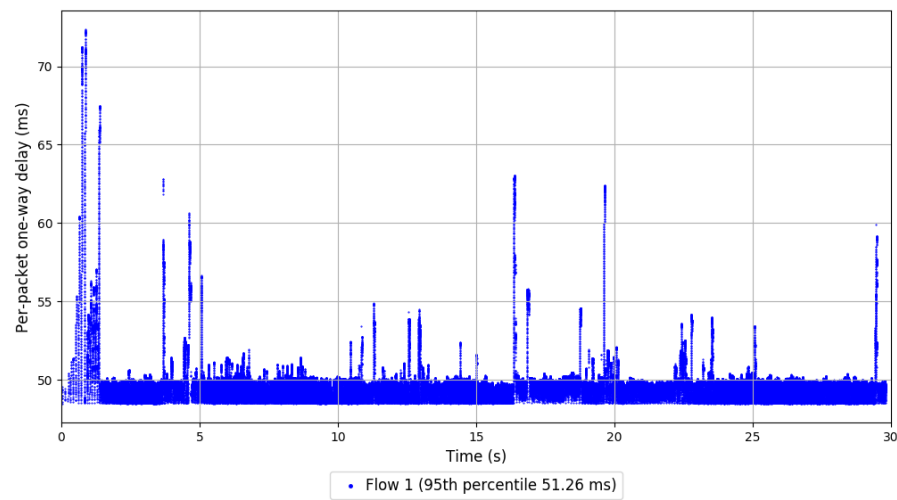
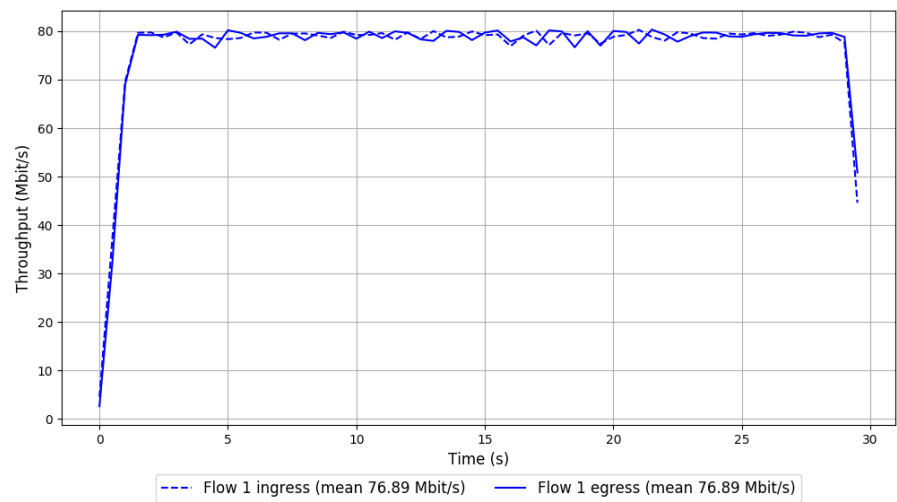


Run 3: Statistics of Indigo

Start at: 2017-08-29 11:55:55
End at: 2017-08-29 11:56:25
Local clock offset: 0.209 ms
Remote clock offset: -3.583 ms

Below is generated by plot.py at 2017-08-29 15:06:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.89 Mbit/s
95th percentile per-packet one-way delay: 51.259 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 76.89 Mbit/s
95th percentile per-packet one-way delay: 51.259 ms
Loss rate: 0.00%

Run 3: Report of Indigo — Data Link

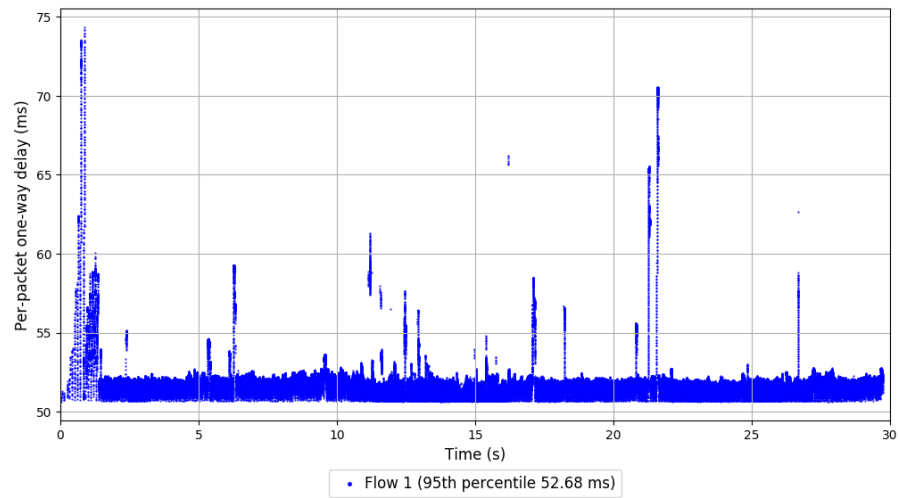
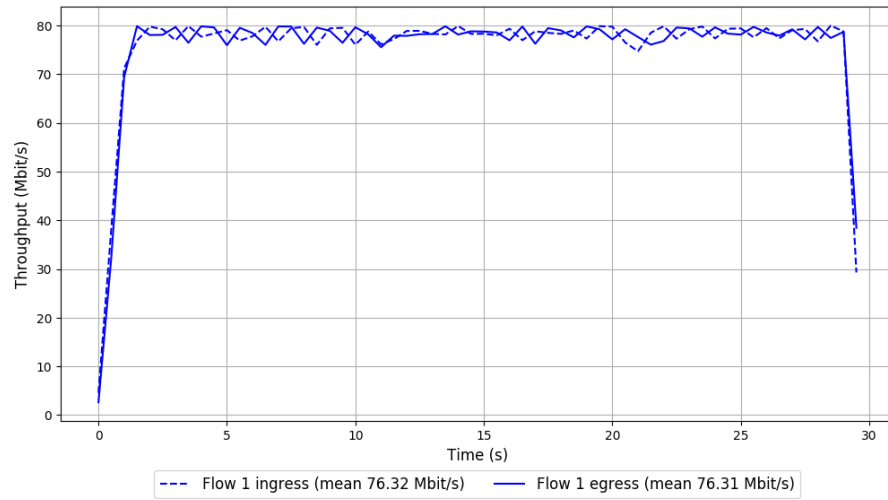


Run 4: Statistics of Indigo

Start at: 2017-08-29 12:16:15
End at: 2017-08-29 12:16:45
Local clock offset: 0.198 ms
Remote clock offset: -1.543 ms

Below is generated by plot.py at 2017-08-29 15:06:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.31 Mbit/s
95th percentile per-packet one-way delay: 52.679 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 76.31 Mbit/s
95th percentile per-packet one-way delay: 52.679 ms
Loss rate: 0.01%

Run 4: Report of Indigo — Data Link

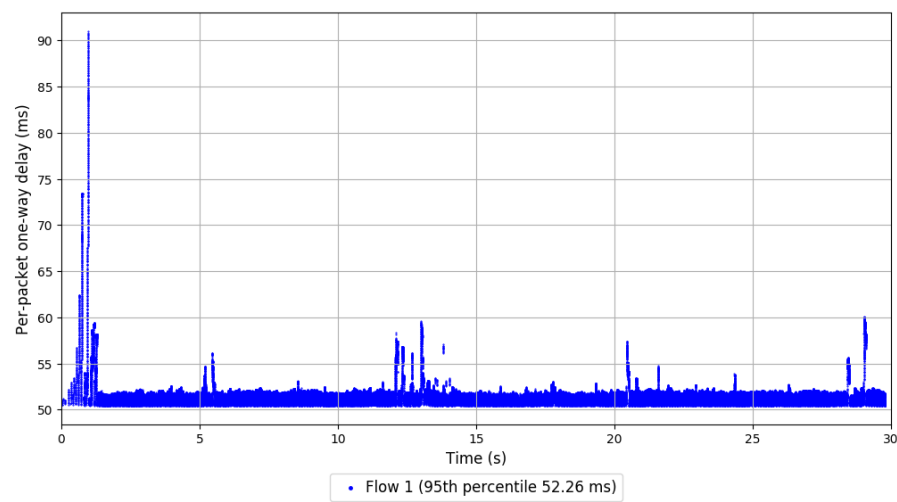
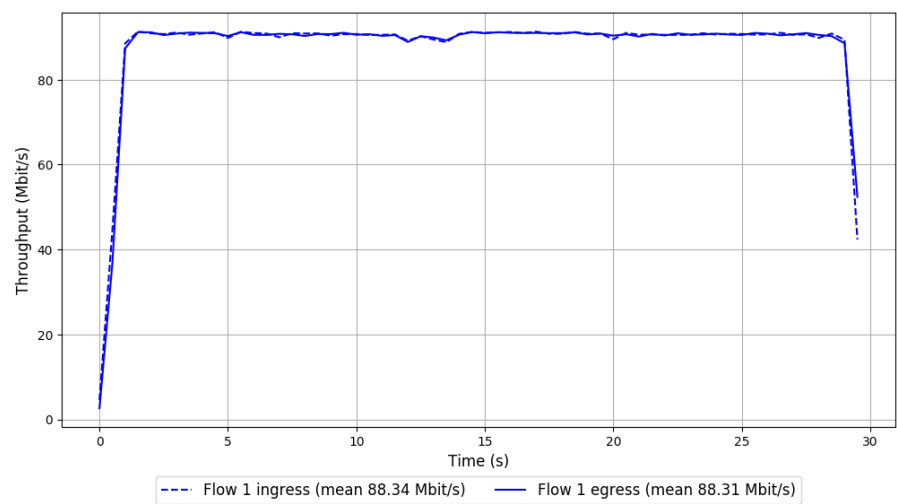


Run 5: Statistics of Indigo

Start at: 2017-08-29 12:36:25
End at: 2017-08-29 12:36:55
Local clock offset: 0.206 ms
Remote clock offset: -1.742 ms

Below is generated by plot.py at 2017-08-29 15:06:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.31 Mbit/s
95th percentile per-packet one-way delay: 52.263 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 88.31 Mbit/s
95th percentile per-packet one-way delay: 52.263 ms
Loss rate: 0.03%

Run 5: Report of Indigo — Data Link



Run 6: Statistics of Indigo

Start at: 2017-08-29 12:56:32

End at: 2017-08-29 12:57:02

Local clock offset: 0.126 ms

Remote clock offset: -3.808 ms

Below is generated by plot.py at 2017-08-29 15:07:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.88 Mbit/s

95th percentile per-packet one-way delay: 48.581 ms

Loss rate: 0.04%

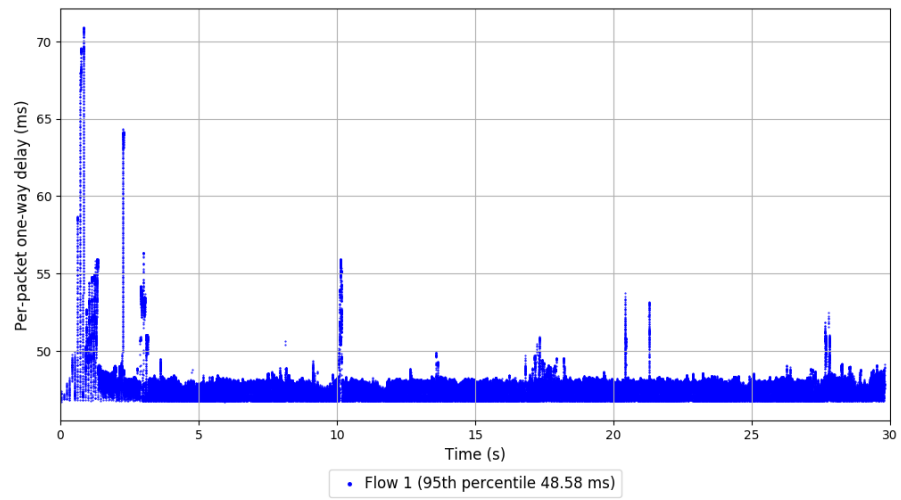
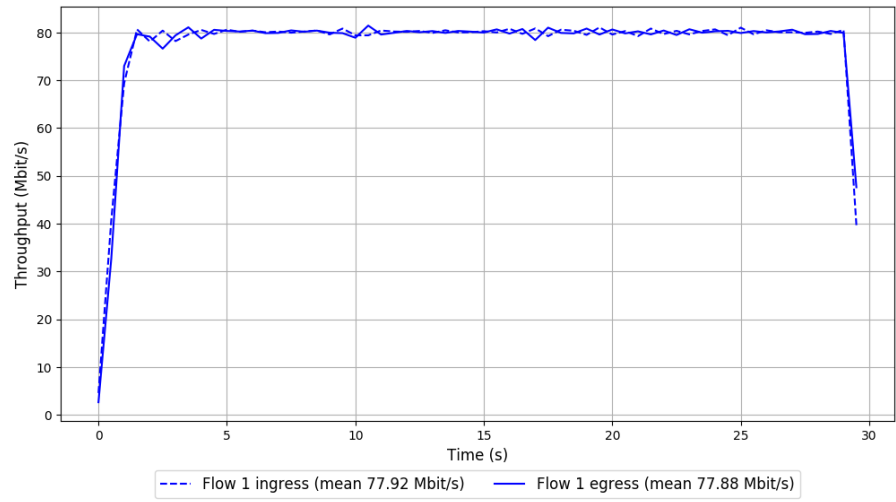
-- Flow 1:

Average throughput: 77.88 Mbit/s

95th percentile per-packet one-way delay: 48.581 ms

Loss rate: 0.04%

Run 6: Report of Indigo — Data Link

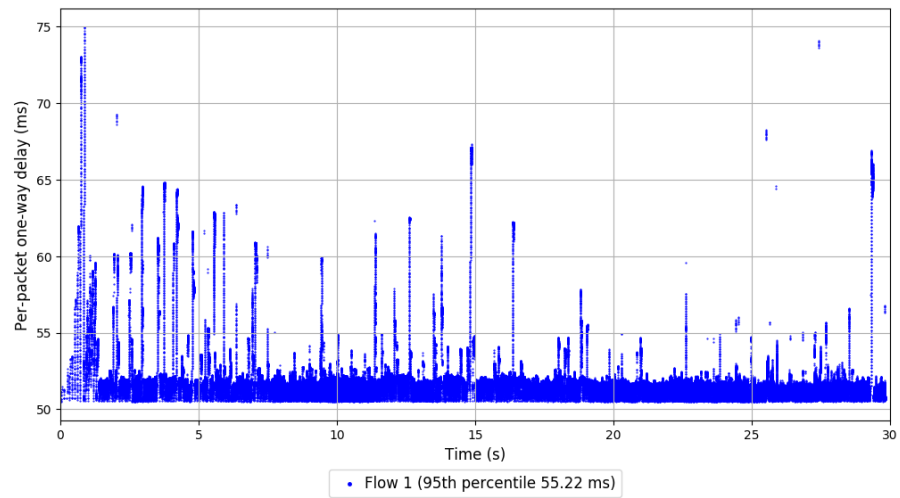
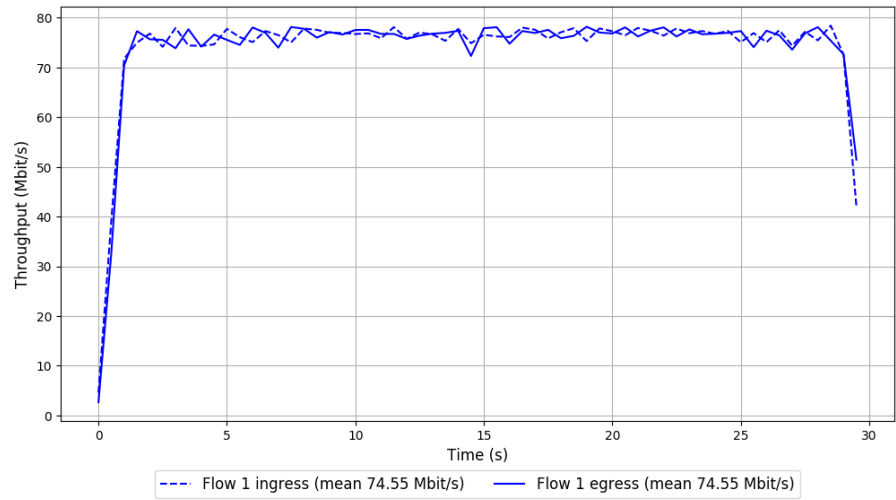


Run 7: Statistics of Indigo

Start at: 2017-08-29 13:16:52
End at: 2017-08-29 13:17:22
Local clock offset: 0.242 ms
Remote clock offset: -1.635 ms

Below is generated by plot.py at 2017-08-29 15:07:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.55 Mbit/s
95th percentile per-packet one-way delay: 55.223 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 74.55 Mbit/s
95th percentile per-packet one-way delay: 55.223 ms
Loss rate: 0.00%

Run 7: Report of Indigo — Data Link



Run 8: Statistics of Indigo

Start at: 2017-08-29 13:37:03

End at: 2017-08-29 13:37:33

Local clock offset: 0.231 ms

Remote clock offset: -3.66 ms

Below is generated by plot.py at 2017-08-29 15:07:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 53.03 Mbit/s

95th percentile per-packet one-way delay: 51.302 ms

Loss rate: 0.01%

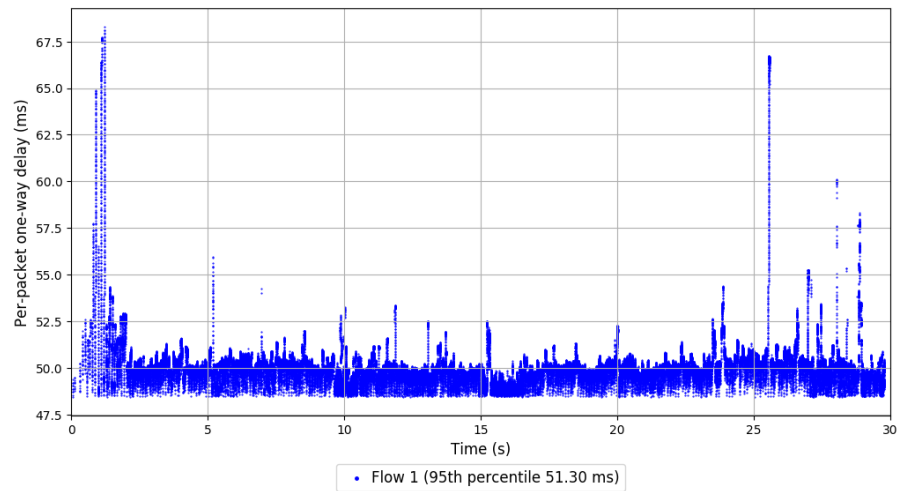
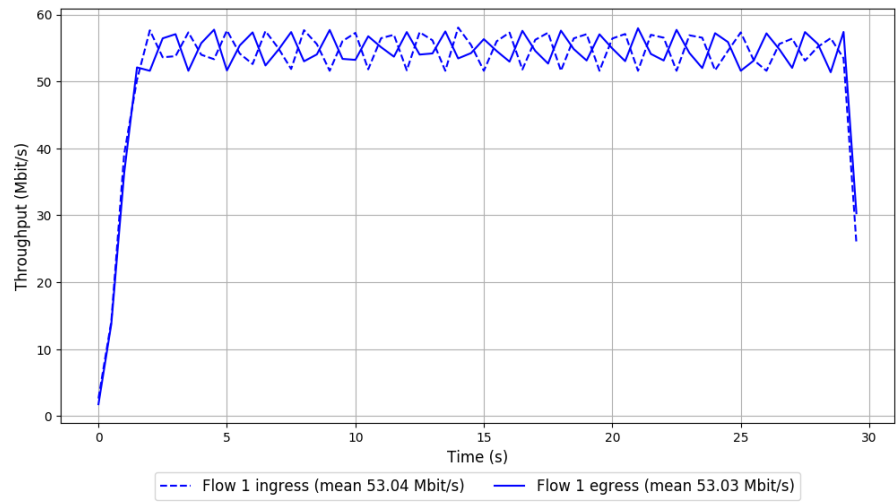
-- Flow 1:

Average throughput: 53.03 Mbit/s

95th percentile per-packet one-way delay: 51.302 ms

Loss rate: 0.01%

Run 8: Report of Indigo — Data Link



Run 9: Statistics of Indigo

Start at: 2017-08-29 13:57:12

End at: 2017-08-29 13:57:42

Local clock offset: 0.34 ms

Remote clock offset: -3.49 ms

Below is generated by plot.py at 2017-08-29 15:07:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.76 Mbit/s

95th percentile per-packet one-way delay: 57.621 ms

Loss rate: 0.01%

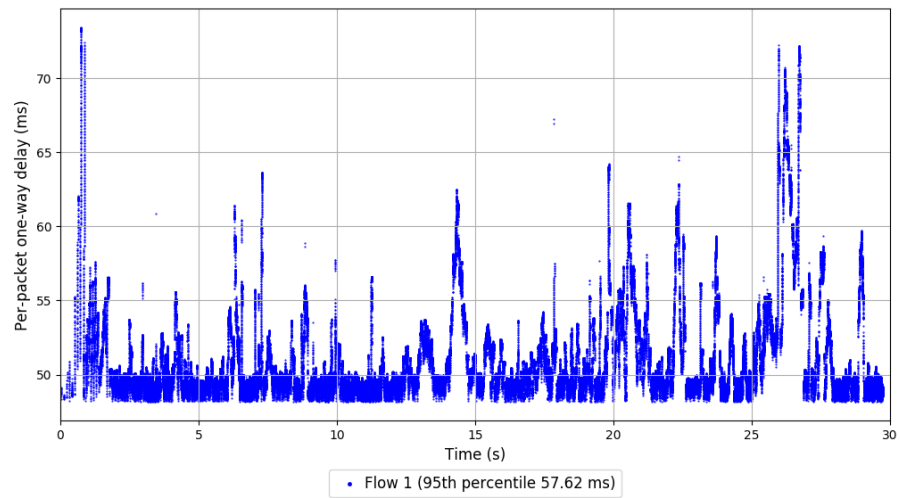
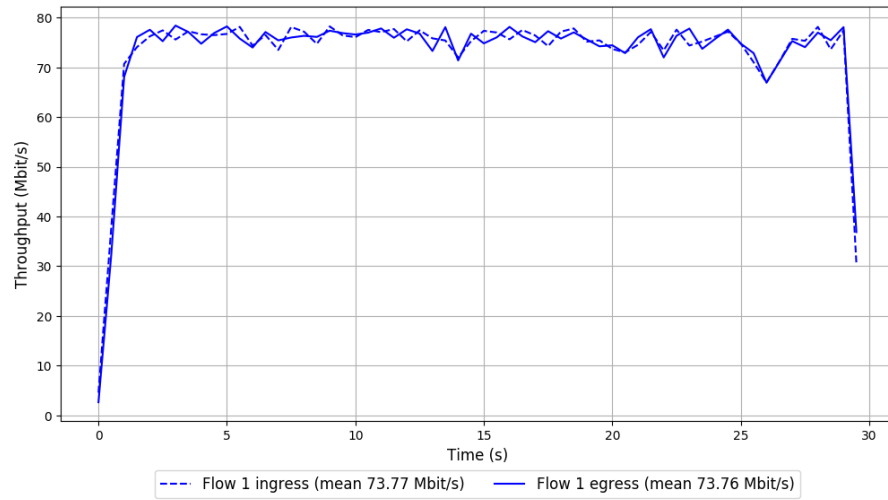
-- Flow 1:

Average throughput: 73.76 Mbit/s

95th percentile per-packet one-way delay: 57.621 ms

Loss rate: 0.01%

Run 9: Report of Indigo — Data Link

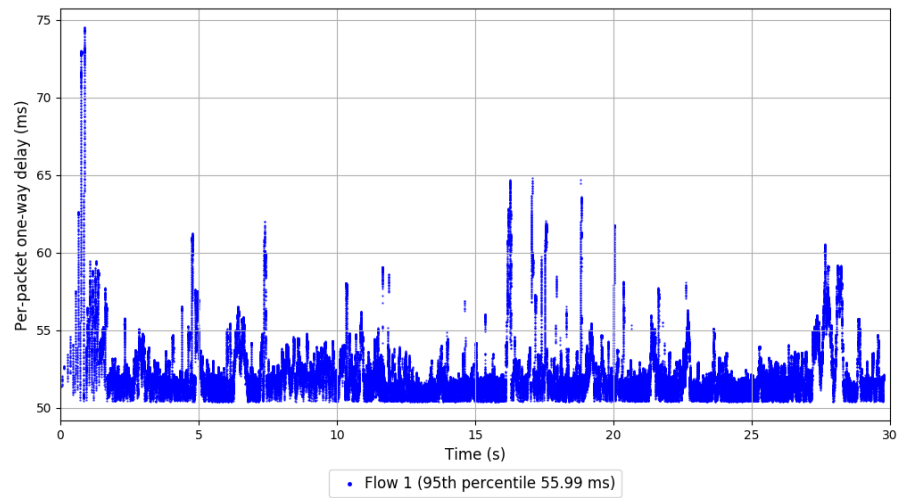
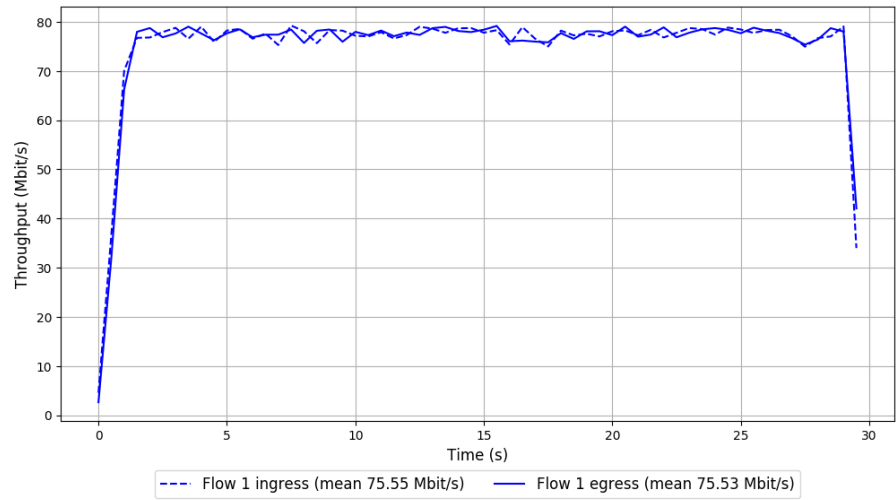


Run 10: Statistics of Indigo

Start at: 2017-08-29 14:17:15
End at: 2017-08-29 14:17:45
Local clock offset: 0.41 ms
Remote clock offset: -1.505 ms

Below is generated by plot.py at 2017-08-29 15:07:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 75.53 Mbit/s
95th percentile per-packet one-way delay: 55.988 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 75.53 Mbit/s
95th percentile per-packet one-way delay: 55.988 ms
Loss rate: 0.02%

Run 10: Report of Indigo — Data Link

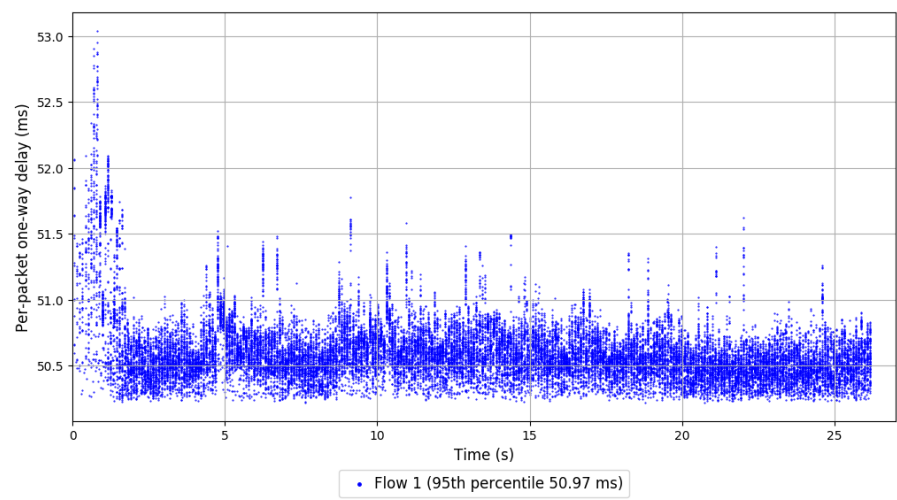
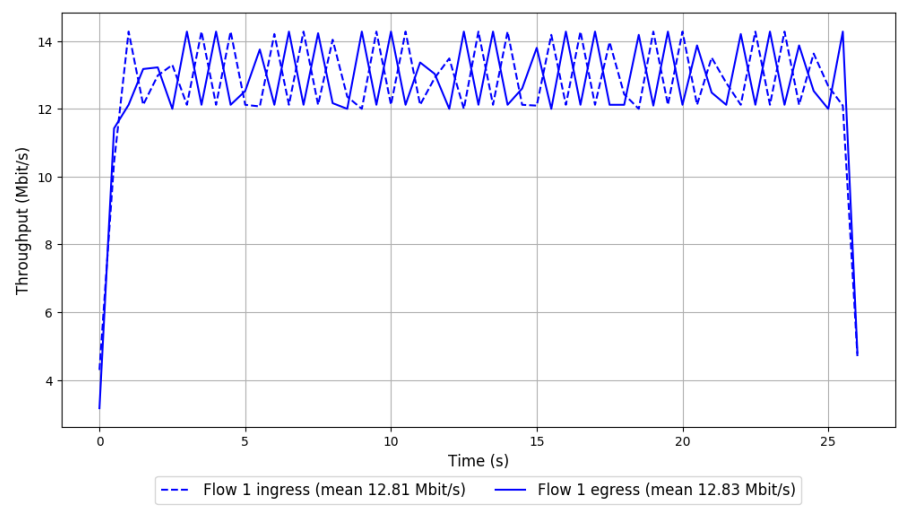


```
Run 1: Statistics of KohoCC

Start at: 2017-08-29 11:01:58
End at: 2017-08-29 11:02:28
Local clock offset: 0.41 ms
Remote clock offset: -0.475 ms

# Below is generated by plot.py at 2017-08-29 15:07:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.83 Mbit/s
95th percentile per-packet one-way delay: 50.974 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.83 Mbit/s
95th percentile per-packet one-way delay: 50.974 ms
Loss rate: 0.00%
```

Run 1: Report of KohoCC — Data Link

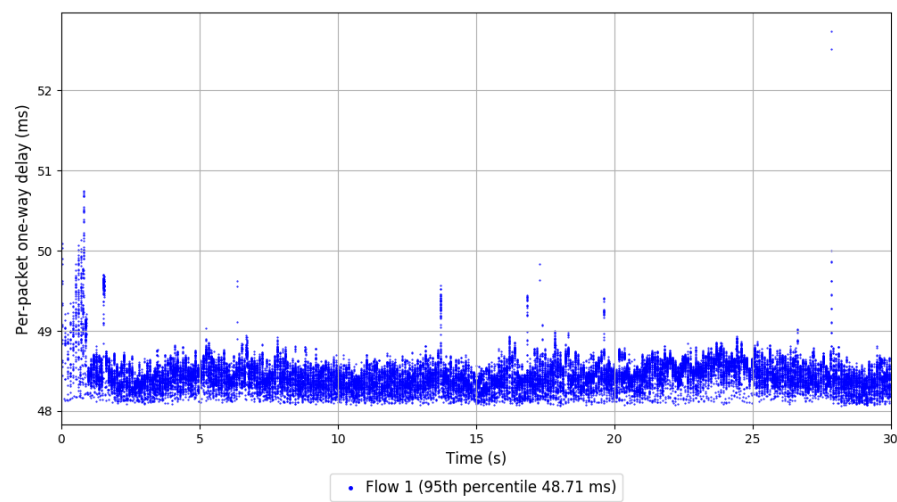
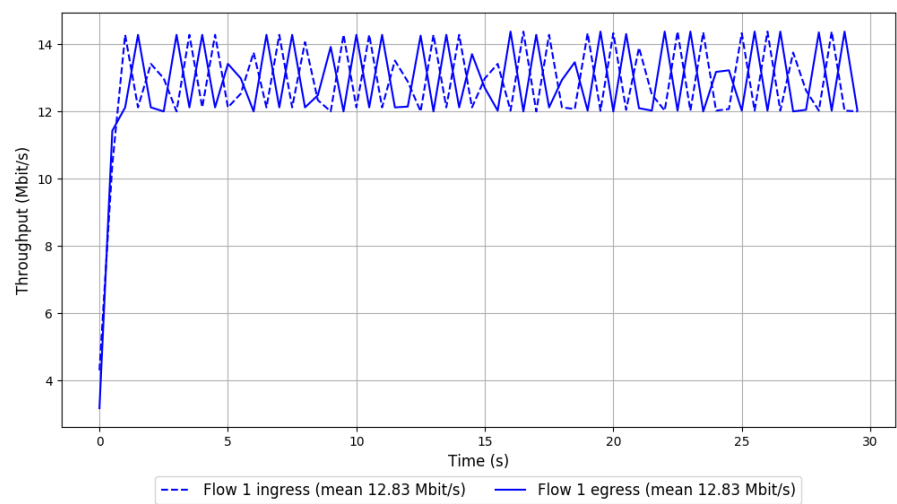


Run 2: Statistics of KohoCC

Start at: 2017-08-29 11:22:10
End at: 2017-08-29 11:22:40
Local clock offset: 0.403 ms
Remote clock offset: -3.098 ms

Below is generated by plot.py at 2017-08-29 15:07:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.83 Mbit/s
95th percentile per-packet one-way delay: 48.707 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.83 Mbit/s
95th percentile per-packet one-way delay: 48.707 ms
Loss rate: 0.00%

Run 2: Report of KohoCC — Data Link

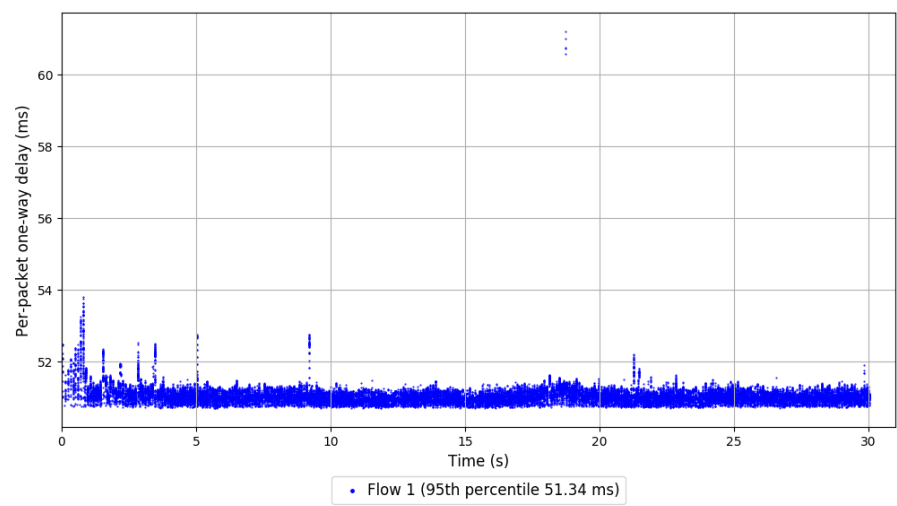
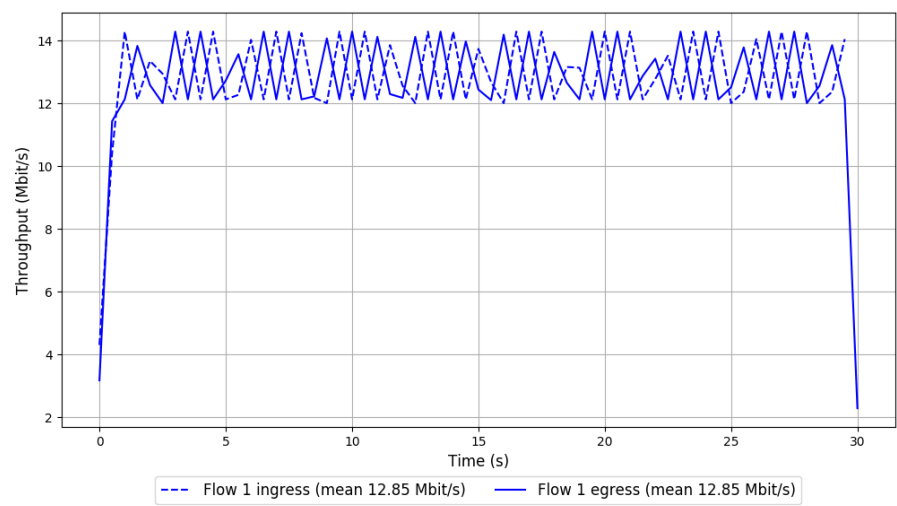


Run 3: Statistics of KohoCC

Start at: 2017-08-29 11:42:24
End at: 2017-08-29 11:42:54
Local clock offset: 0.332 ms
Remote clock offset: -0.849 ms

Below is generated by plot.py at 2017-08-29 15:07:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.85 Mbit/s
95th percentile per-packet one-way delay: 51.340 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.85 Mbit/s
95th percentile per-packet one-way delay: 51.340 ms
Loss rate: 0.00%

Run 3: Report of KohoCC — Data Link

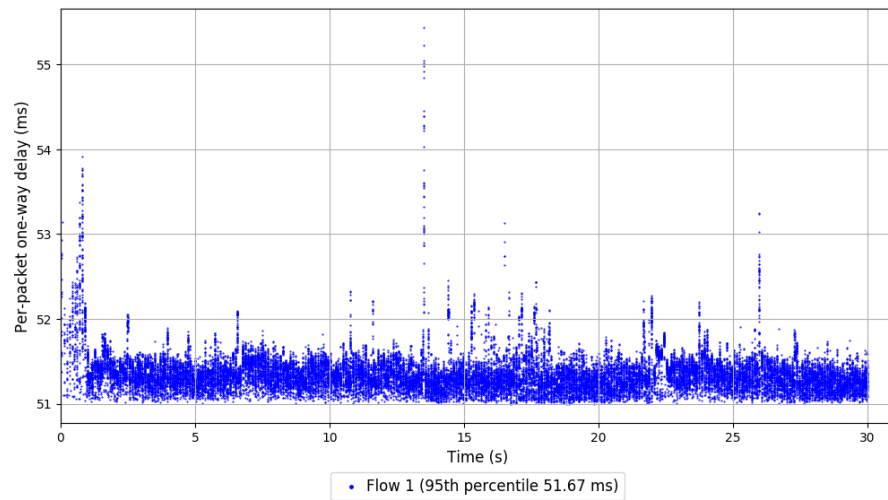
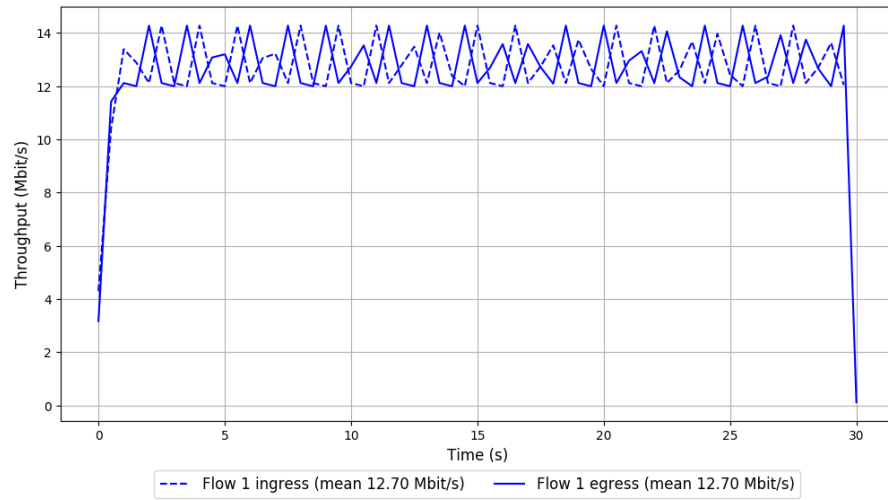


Run 4: Statistics of KohoCC

Start at: 2017-08-29 12:02:45
End at: 2017-08-29 12:03:15
Local clock offset: 0.224 ms
Remote clock offset: -1.084 ms

Below is generated by plot.py at 2017-08-29 15:07:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.70 Mbit/s
95th percentile per-packet one-way delay: 51.672 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.70 Mbit/s
95th percentile per-packet one-way delay: 51.672 ms
Loss rate: 0.00%

Run 4: Report of KohoCC — Data Link



Run 5: Statistics of KohoCC

Start at: 2017-08-29 12:23:02

End at: 2017-08-29 12:23:32

Local clock offset: 0.256 ms

Remote clock offset: -1.299 ms

Below is generated by plot.py at 2017-08-29 15:07:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.82 Mbit/s

95th percentile per-packet one-way delay: 51.464 ms

Loss rate: 0.00%

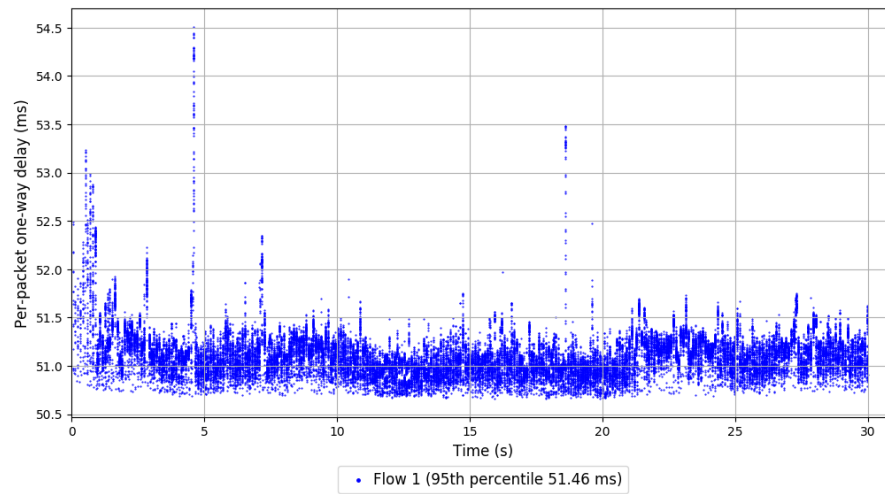
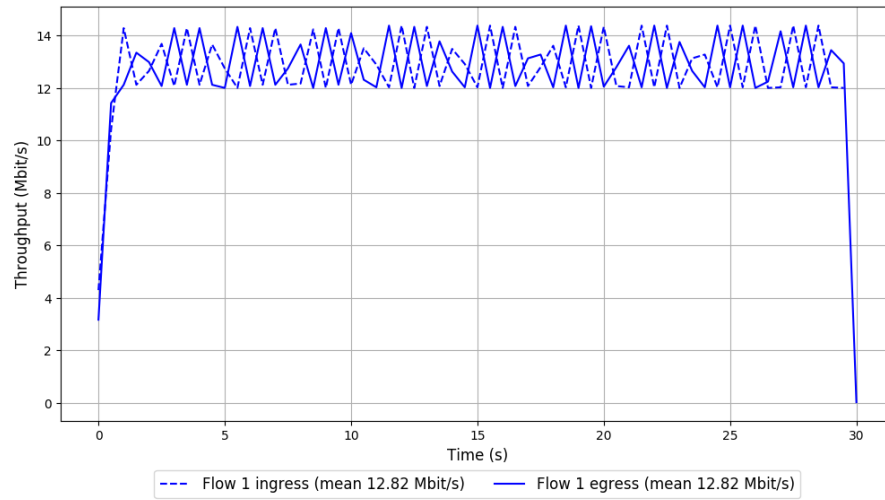
-- Flow 1:

Average throughput: 12.82 Mbit/s

95th percentile per-packet one-way delay: 51.464 ms

Loss rate: 0.00%

Run 5: Report of KohoCC — Data Link

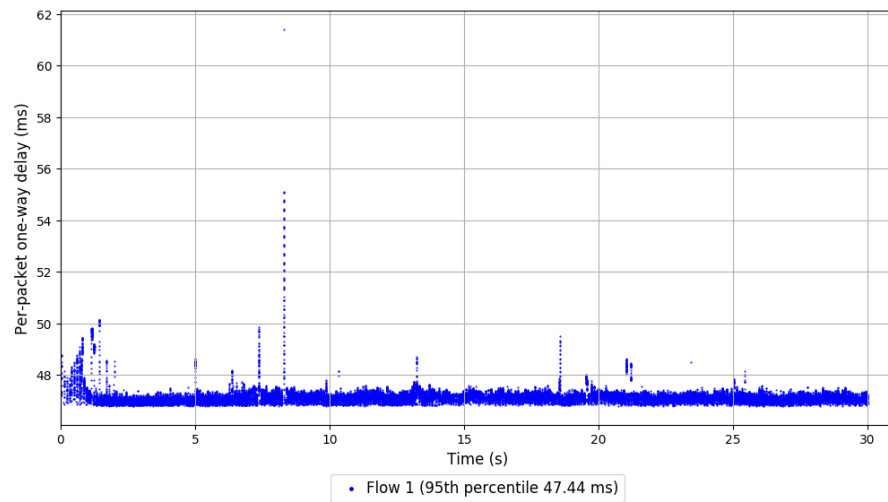
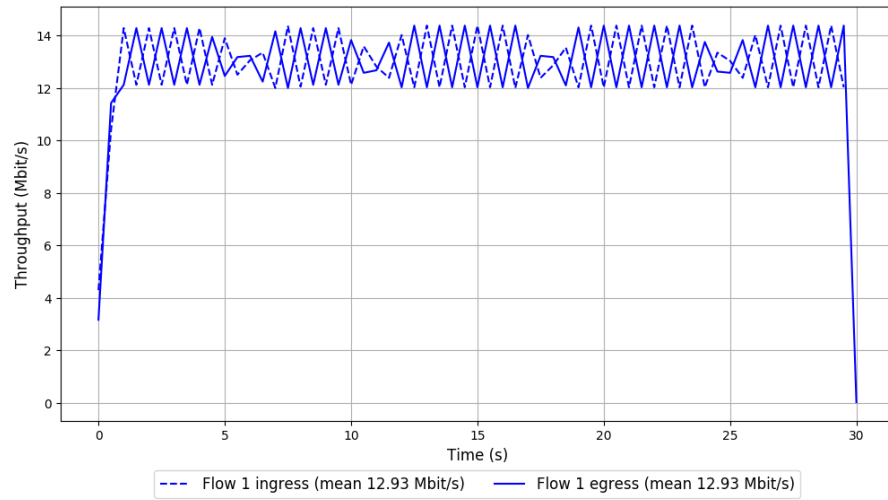


Run 6: Statistics of KohoCC

Start at: 2017-08-29 12:43:11
End at: 2017-08-29 12:43:41
Local clock offset: 0.14 ms
Remote clock offset: -3.747 ms

Below is generated by plot.py at 2017-08-29 15:07:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.93 Mbit/s
95th percentile per-packet one-way delay: 47.444 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.93 Mbit/s
95th percentile per-packet one-way delay: 47.444 ms
Loss rate: 0.00%

Run 6: Report of KohoCC — Data Link



Run 7: Statistics of KohoCC

Start at: 2017-08-29 13:03:20

End at: 2017-08-29 13:03:50

Local clock offset: 0.222 ms

Remote clock offset: -1.24 ms

Below is generated by plot.py at 2017-08-29 15:07:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.81 Mbit/s

95th percentile per-packet one-way delay: 51.436 ms

Loss rate: 0.00%

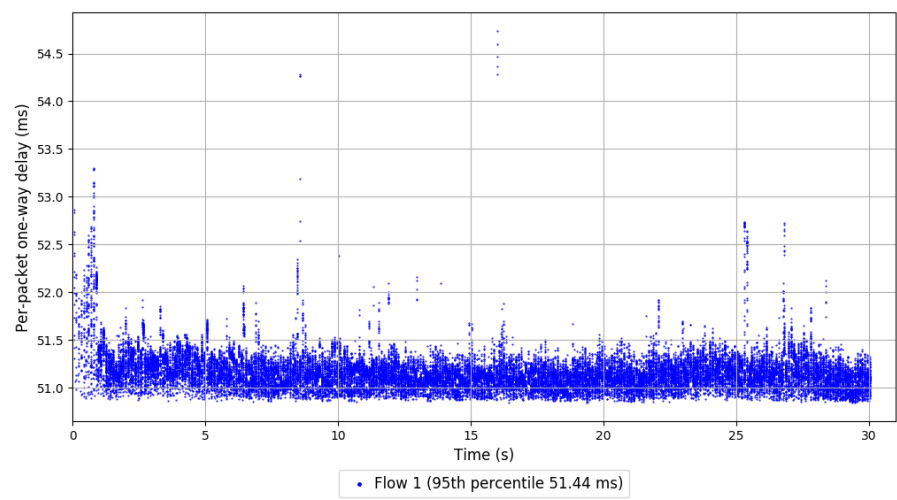
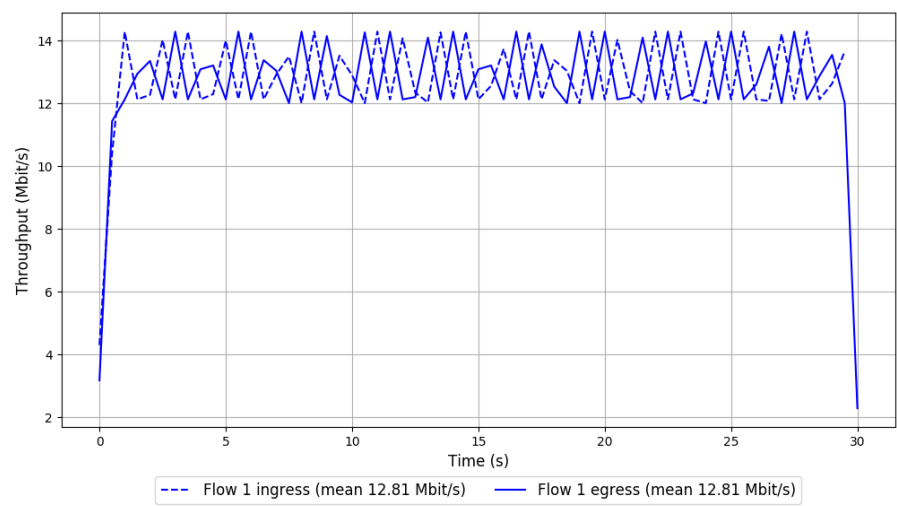
-- Flow 1:

Average throughput: 12.81 Mbit/s

95th percentile per-packet one-way delay: 51.436 ms

Loss rate: 0.00%

Run 7: Report of KohoCC — Data Link

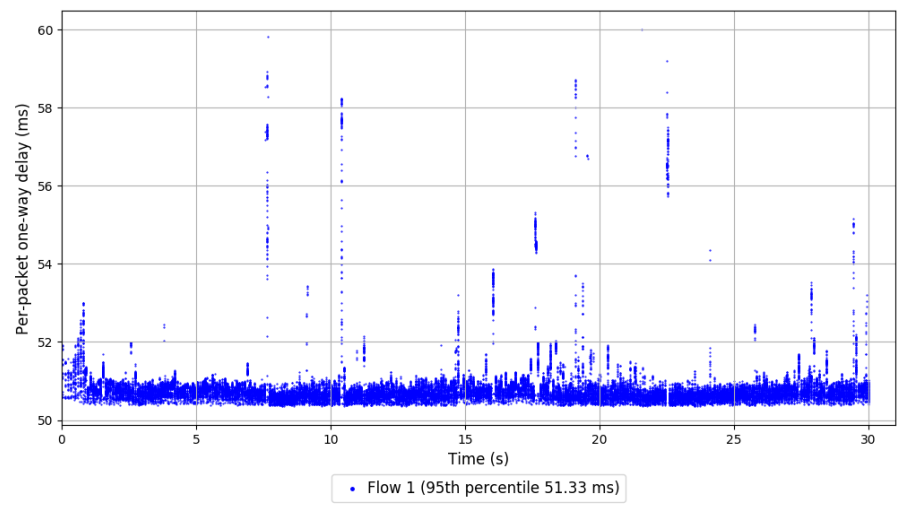
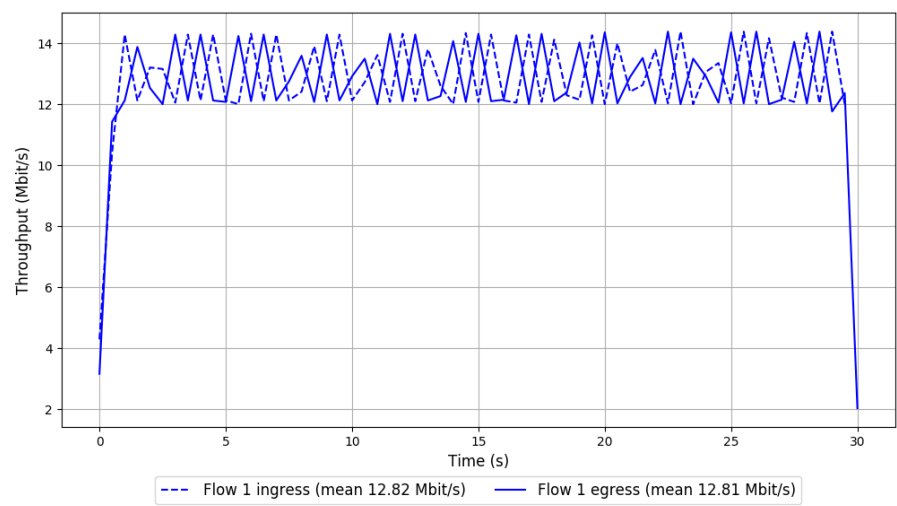


Run 8: Statistics of KohoCC

Start at: 2017-08-29 13:23:41
End at: 2017-08-29 13:24:11
Local clock offset: 0.202 ms
Remote clock offset: -1.561 ms

Below is generated by plot.py at 2017-08-29 15:07:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.81 Mbit/s
95th percentile per-packet one-way delay: 51.325 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 12.81 Mbit/s
95th percentile per-packet one-way delay: 51.325 ms
Loss rate: 0.06%

Run 8: Report of KohoCC — Data Link

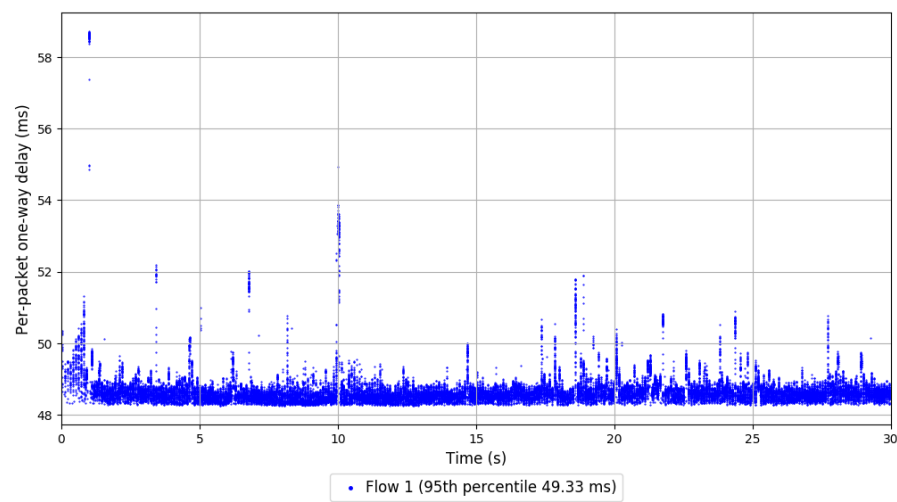
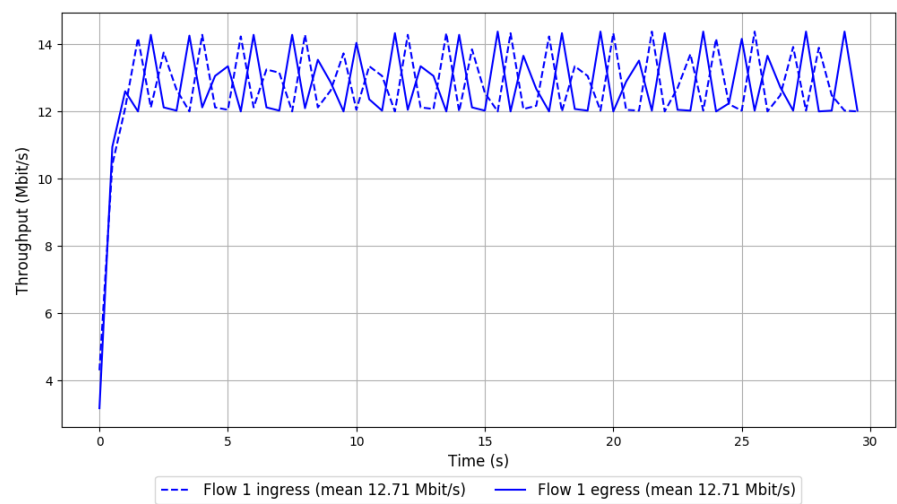


Run 9: Statistics of KohoCC

Start at: 2017-08-29 13:43:51
End at: 2017-08-29 13:44:21
Local clock offset: 0.238 ms
Remote clock offset: -3.608 ms

Below is generated by plot.py at 2017-08-29 15:07:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.71 Mbit/s
95th percentile per-packet one-way delay: 49.325 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 12.71 Mbit/s
95th percentile per-packet one-way delay: 49.325 ms
Loss rate: 0.01%

Run 9: Report of KohoCC — Data Link



Run 10: Statistics of KohoCC

Start at: 2017-08-29 14:04:00

End at: 2017-08-29 14:04:30

Local clock offset: 0.389 ms

Remote clock offset: -2.161 ms

Below is generated by plot.py at 2017-08-29 15:07:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.36 Mbit/s

95th percentile per-packet one-way delay: 61.946 ms

Loss rate: 0.03%

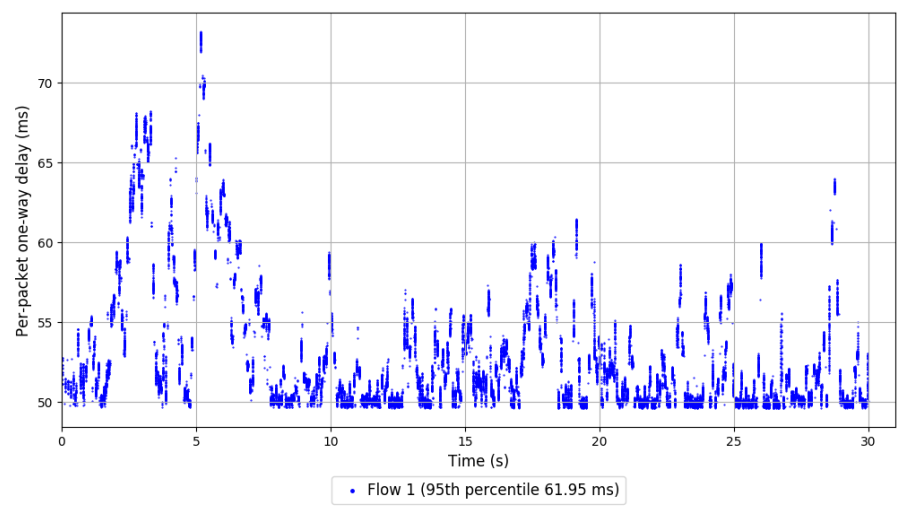
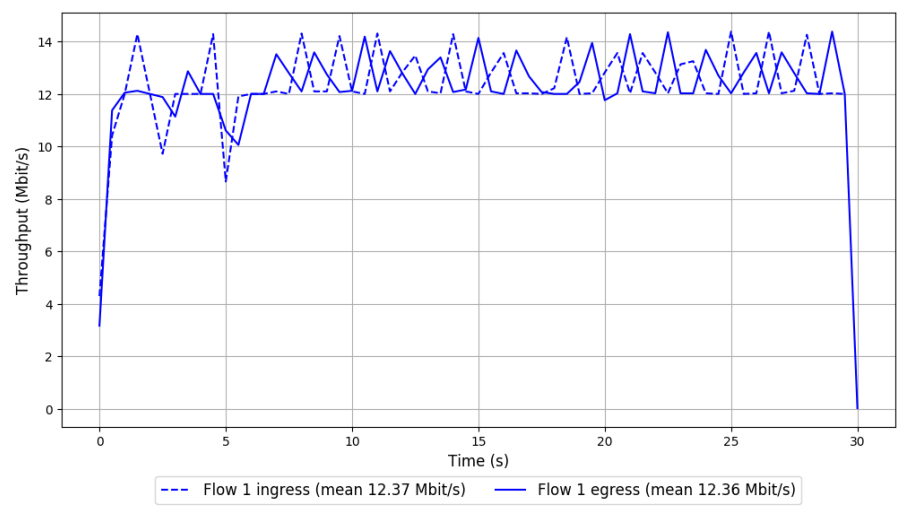
-- Flow 1:

Average throughput: 12.36 Mbit/s

95th percentile per-packet one-way delay: 61.946 ms

Loss rate: 0.03%

Run 10: Report of KohoCC — Data Link

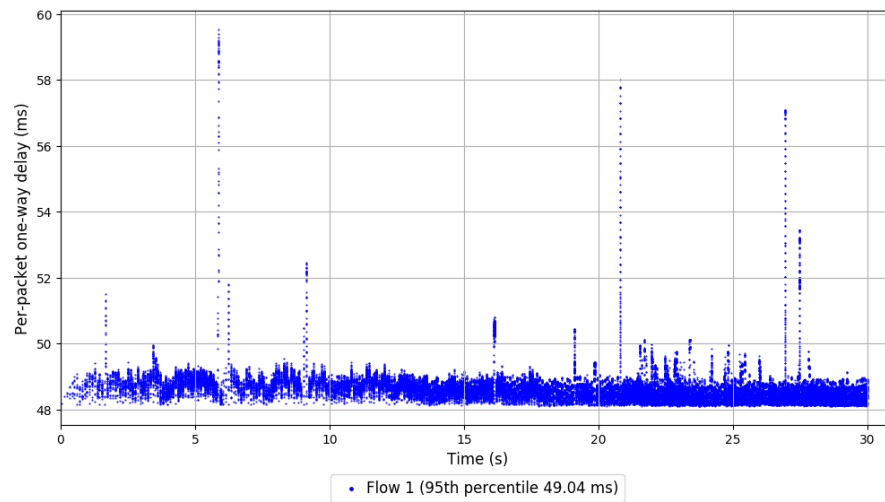
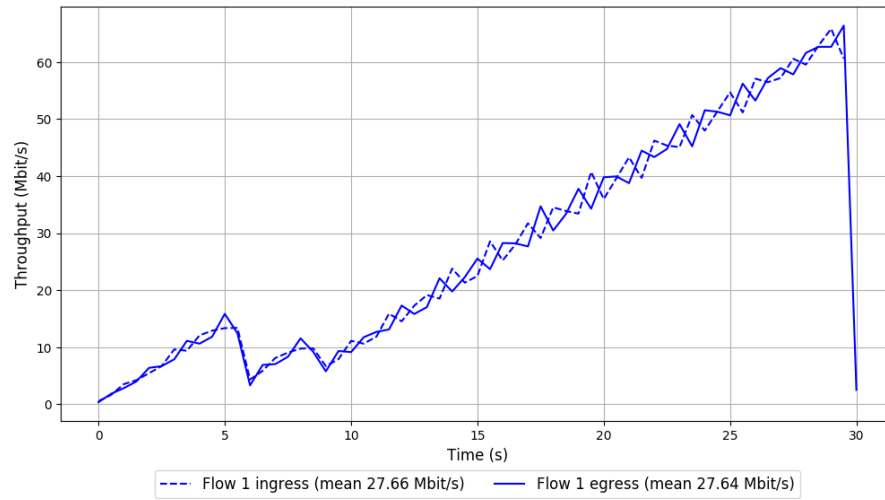


```
Run 1: Statistics of LEDBAT

Start at: 2017-08-29 11:10:04
End at: 2017-08-29 11:10:34
Local clock offset: 0.389 ms
Remote clock offset: -2.787 ms

# Below is generated by plot.py at 2017-08-29 15:07:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 27.64 Mbit/s
95th percentile per-packet one-way delay: 49.037 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 27.64 Mbit/s
95th percentile per-packet one-way delay: 49.037 ms
Loss rate: 0.06%
```


Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: 2017-08-29 11:30:09

End at: 2017-08-29 11:30:39

Local clock offset: 0.268 ms

Remote clock offset: -3.28 ms

Below is generated by plot.py at 2017-08-29 15:07:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 31.22 Mbit/s

95th percentile per-packet one-way delay: 49.075 ms

Loss rate: 0.03%

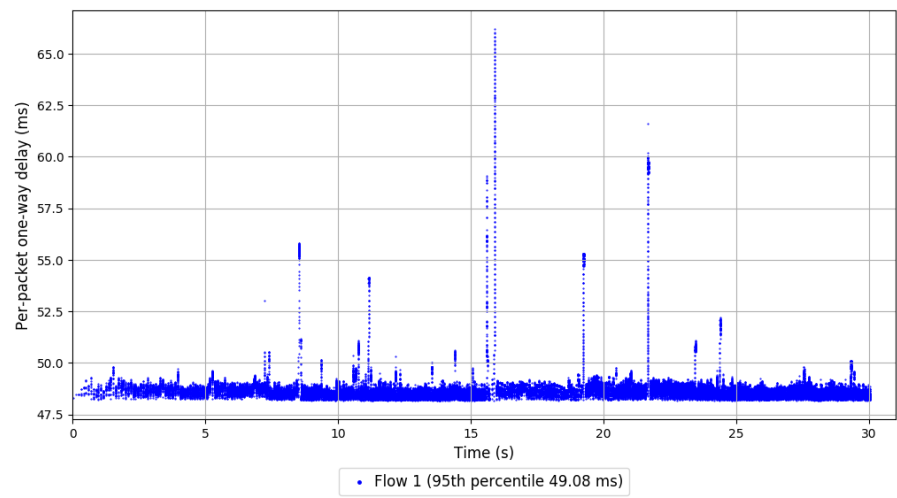
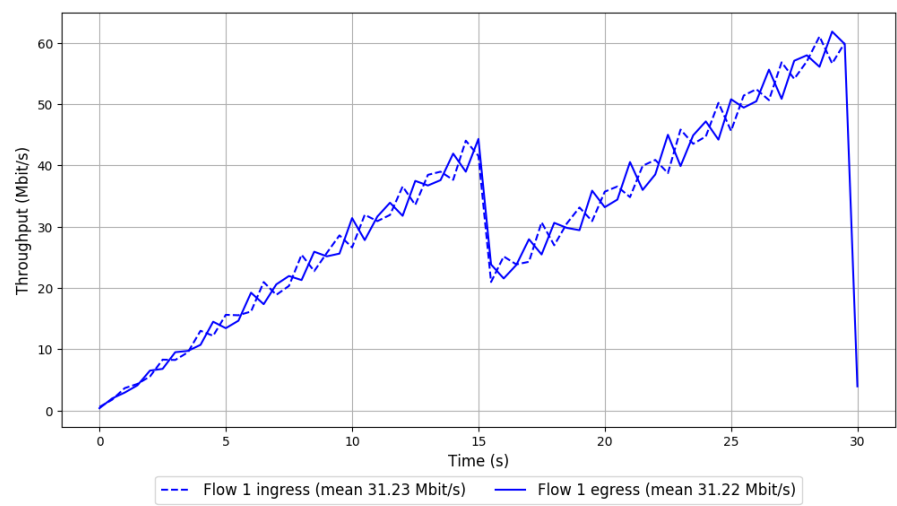
-- Flow 1:

Average throughput: 31.22 Mbit/s

95th percentile per-packet one-way delay: 49.075 ms

Loss rate: 0.03%

Run 2: Report of LEDBAT — Data Link

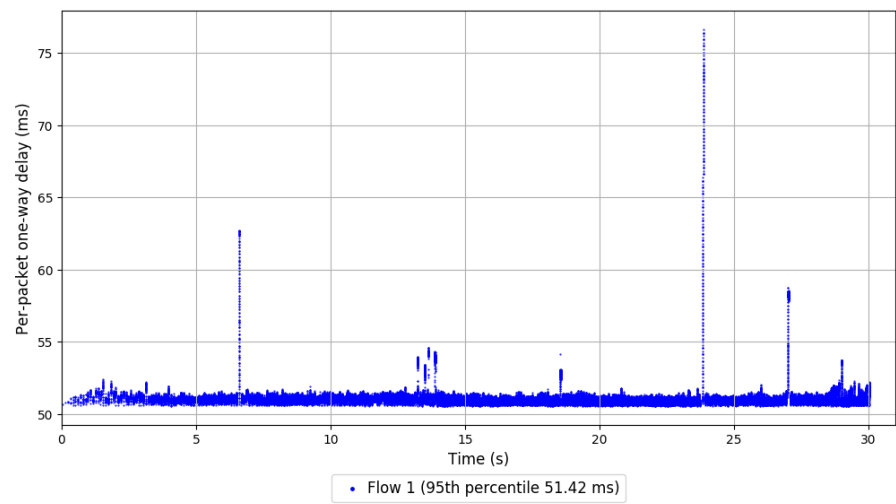
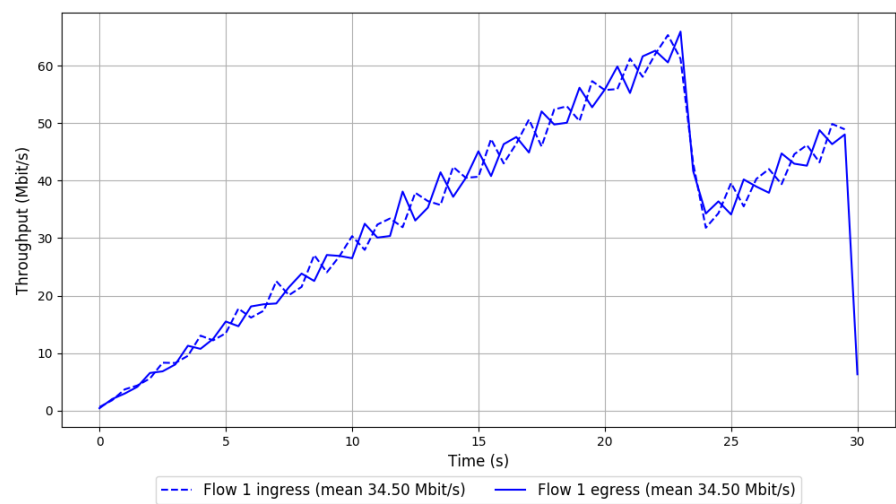


Run 3: Statistics of LEDBAT

Start at: 2017-08-29 11:50:31
End at: 2017-08-29 11:51:01
Local clock offset: 0.234 ms
Remote clock offset: -1.392 ms

Below is generated by plot.py at 2017-08-29 15:07:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 34.50 Mbit/s
95th percentile per-packet one-way delay: 51.424 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 34.50 Mbit/s
95th percentile per-packet one-way delay: 51.424 ms
Loss rate: 0.01%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: 2017-08-29 12:10:51

End at: 2017-08-29 12:11:21

Local clock offset: 0.284 ms

Remote clock offset: -1.66 ms

Below is generated by plot.py at 2017-08-29 15:07:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 36.31 Mbit/s

95th percentile per-packet one-way delay: 51.206 ms

Loss rate: 0.00%

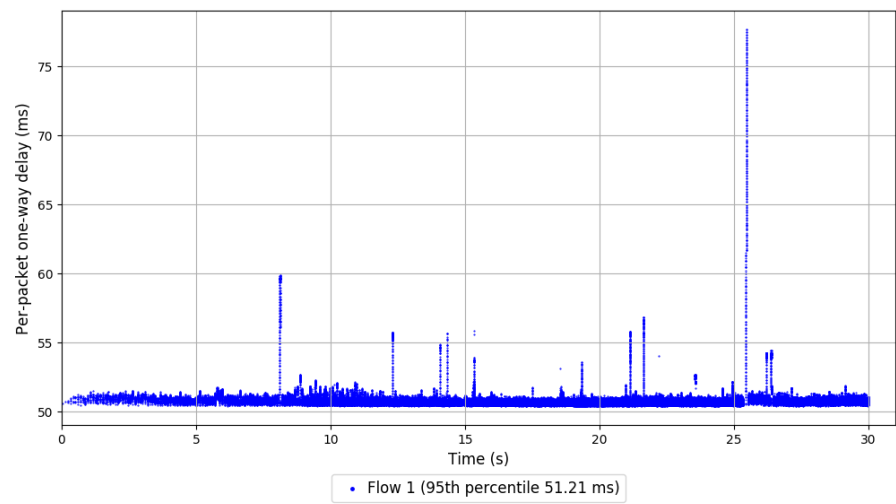
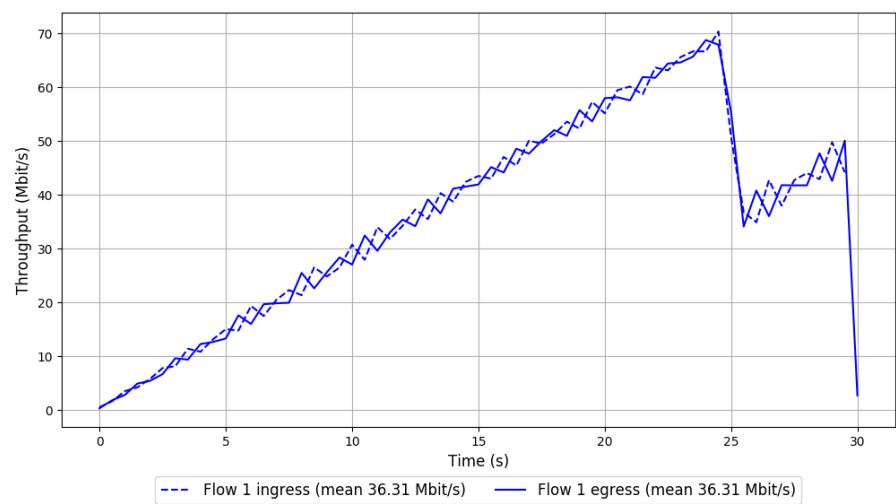
-- Flow 1:

Average throughput: 36.31 Mbit/s

95th percentile per-packet one-way delay: 51.206 ms

Loss rate: 0.00%

Run 4: Report of LEDBAT — Data Link

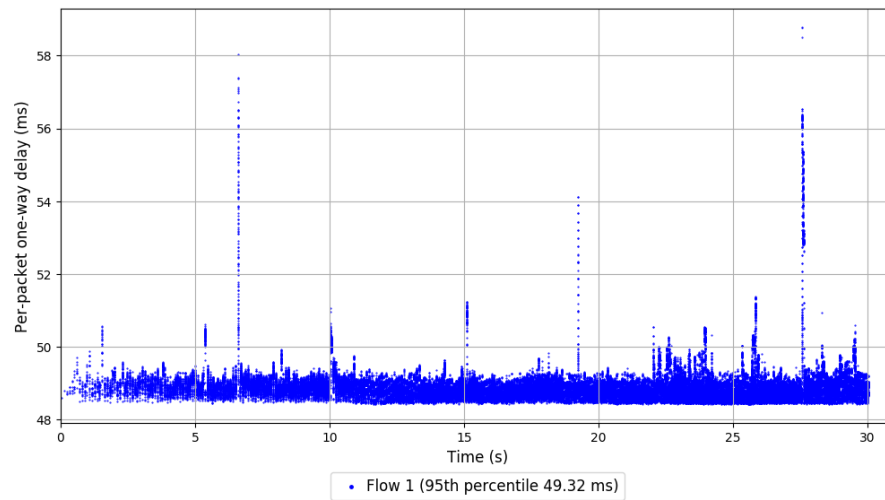
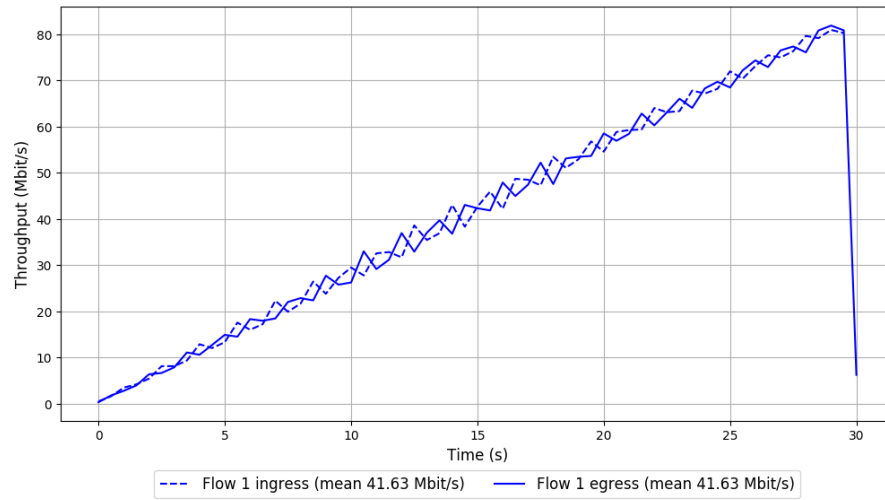


Run 5: Statistics of LEDBAT

Start at: 2017-08-29 12:31:02
End at: 2017-08-29 12:31:32
Local clock offset: 0.249 ms
Remote clock offset: -3.733 ms

Below is generated by plot.py at 2017-08-29 15:07:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 41.63 Mbit/s
95th percentile per-packet one-way delay: 49.323 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 41.63 Mbit/s
95th percentile per-packet one-way delay: 49.323 ms
Loss rate: 0.00%

Run 5: Report of LEDBAT — Data Link

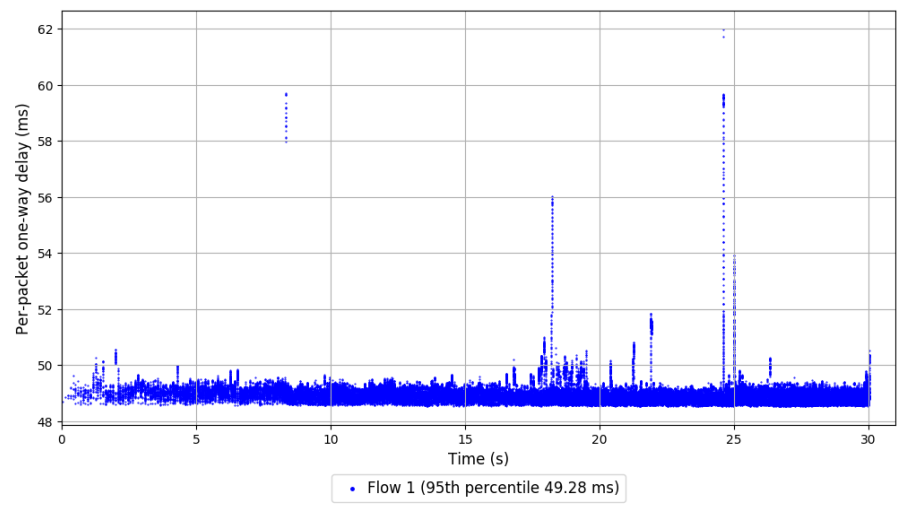
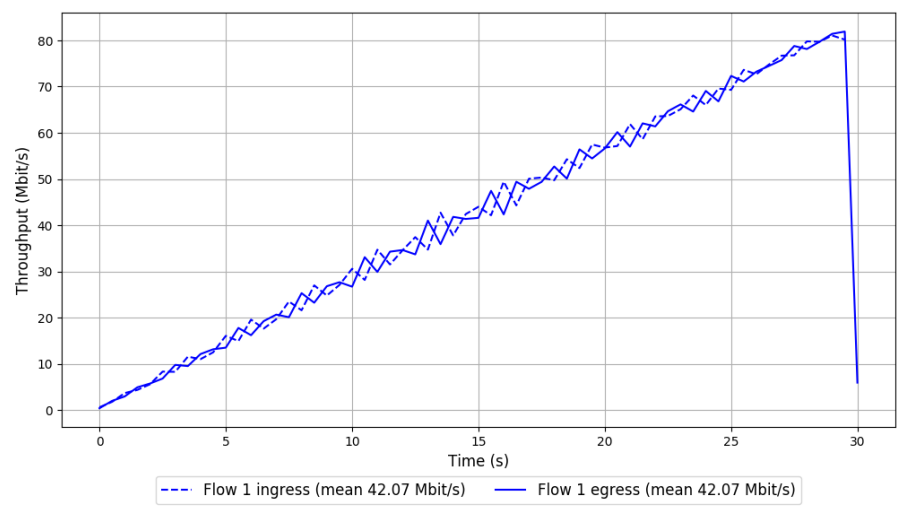


Run 6: Statistics of LEDBAT

Start at: 2017-08-29 12:51:08
End at: 2017-08-29 12:51:38
Local clock offset: 0.127 ms
Remote clock offset: -3.668 ms

Below is generated by plot.py at 2017-08-29 15:07:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 42.07 Mbit/s
95th percentile per-packet one-way delay: 49.283 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 42.07 Mbit/s
95th percentile per-packet one-way delay: 49.283 ms
Loss rate: 0.00%

Run 6: Report of LEDBAT — Data Link

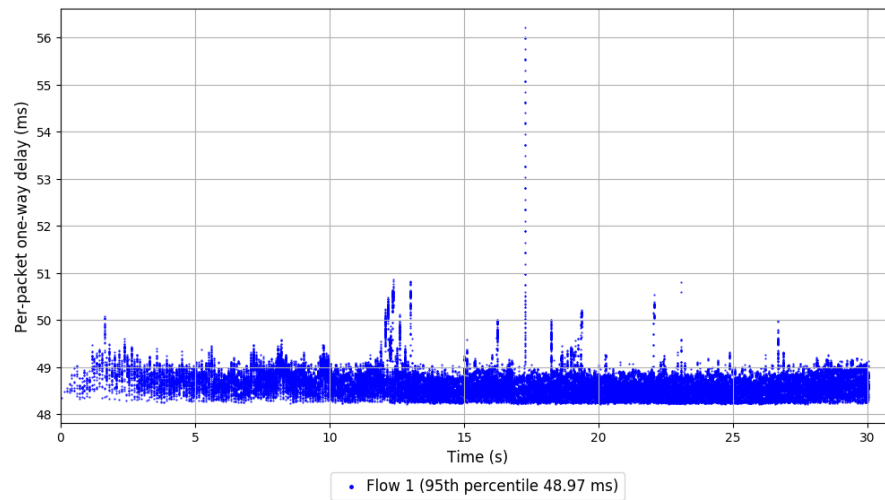
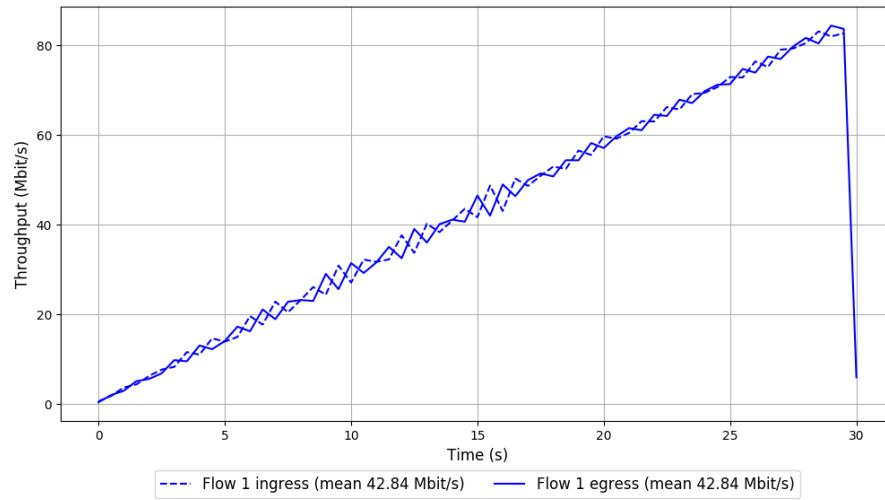


Run 7: Statistics of LEDBAT

Start at: 2017-08-29 13:11:28
End at: 2017-08-29 13:11:58
Local clock offset: 0.235 ms
Remote clock offset: -3.649 ms

Below is generated by plot.py at 2017-08-29 15:07:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 42.84 Mbit/s
95th percentile per-packet one-way delay: 48.968 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 42.84 Mbit/s
95th percentile per-packet one-way delay: 48.968 ms
Loss rate: 0.00%

Run 7: Report of LEDBAT — Data Link

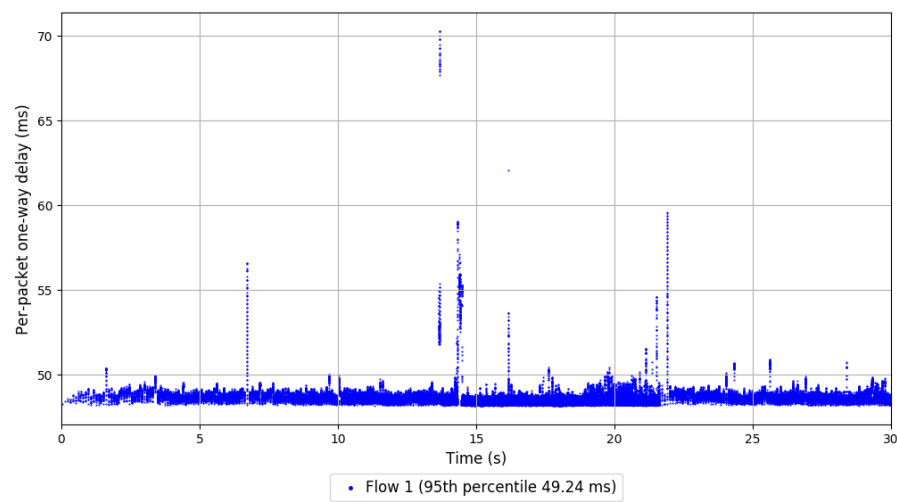
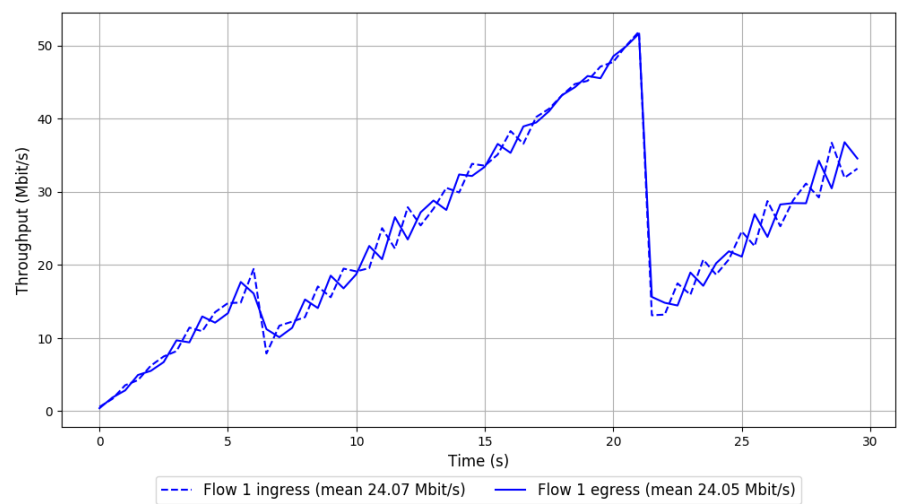


Run 8: Statistics of LEDBAT

Start at: 2017-08-29 13:31:41
End at: 2017-08-29 13:32:11
Local clock offset: 0.213 ms
Remote clock offset: -3.732 ms

Below is generated by plot.py at 2017-08-29 15:07:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.05 Mbit/s
95th percentile per-packet one-way delay: 49.245 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 24.05 Mbit/s
95th percentile per-packet one-way delay: 49.245 ms
Loss rate: 0.07%

Run 8: Report of LEDBAT — Data Link

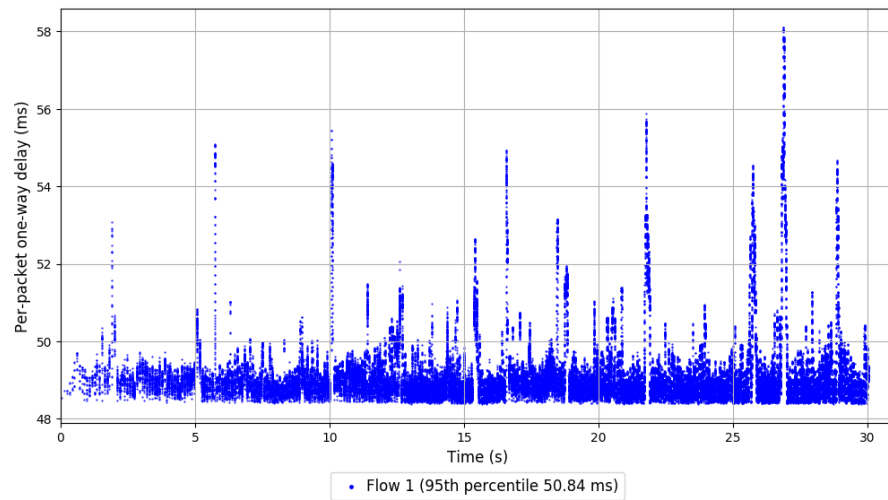
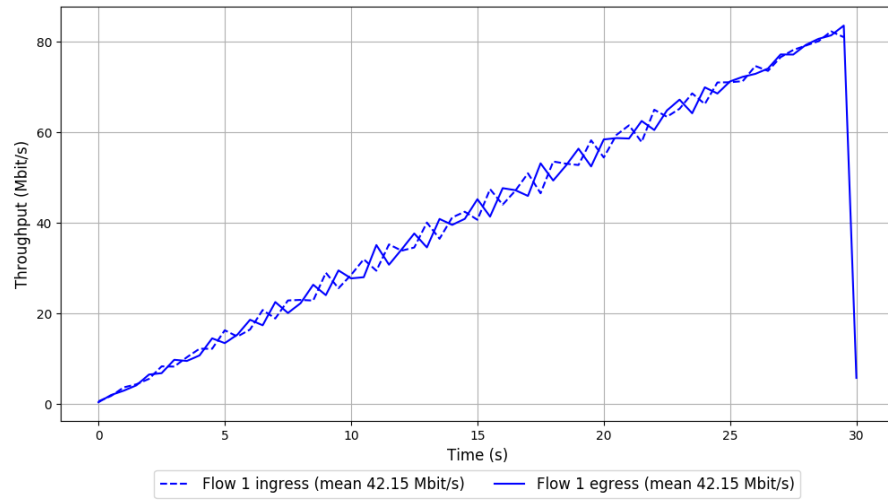


Run 9: Statistics of LEDBAT

Start at: 2017-08-29 13:51:49
End at: 2017-08-29 13:52:19
Local clock offset: 0.33 ms
Remote clock offset: -3.585 ms

Below is generated by plot.py at 2017-08-29 15:08:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 42.15 Mbit/s
95th percentile per-packet one-way delay: 50.845 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 42.15 Mbit/s
95th percentile per-packet one-way delay: 50.845 ms
Loss rate: 0.00%

Run 9: Report of LEDBAT — Data Link

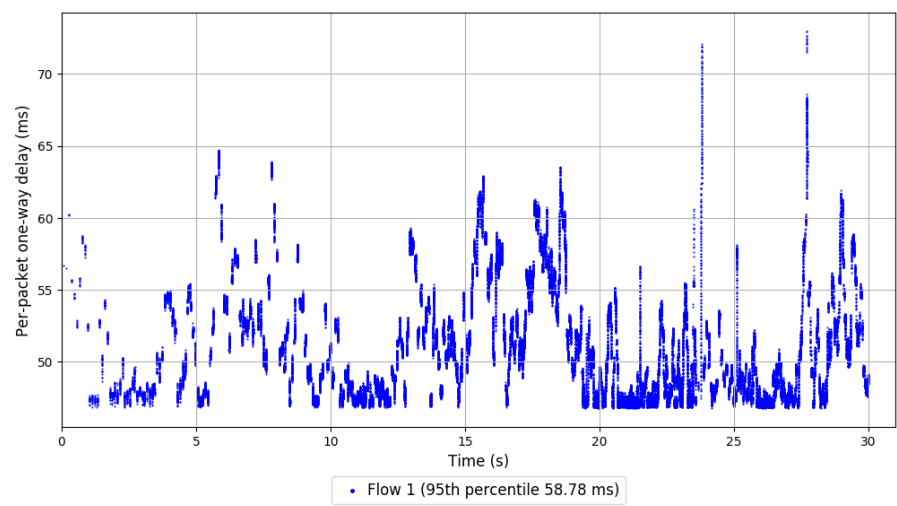
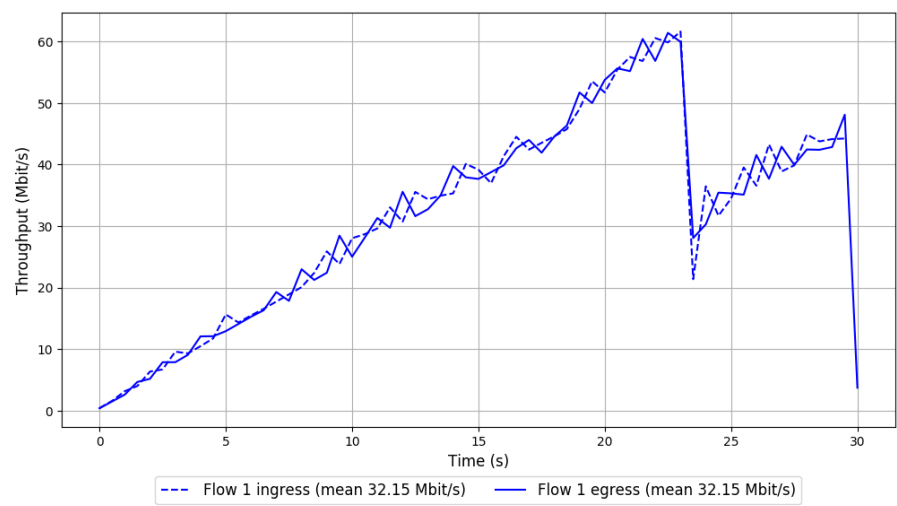


Run 10: Statistics of LEDBAT

Start at: 2017-08-29 14:11:58
End at: 2017-08-29 14:12:28
Local clock offset: 0.391 ms
Remote clock offset: -3.378 ms

Below is generated by plot.py at 2017-08-29 15:08:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 32.15 Mbit/s
95th percentile per-packet one-way delay: 58.779 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 32.15 Mbit/s
95th percentile per-packet one-way delay: 58.779 ms
Loss rate: 0.03%

Run 10: Report of LEDBAT — Data Link

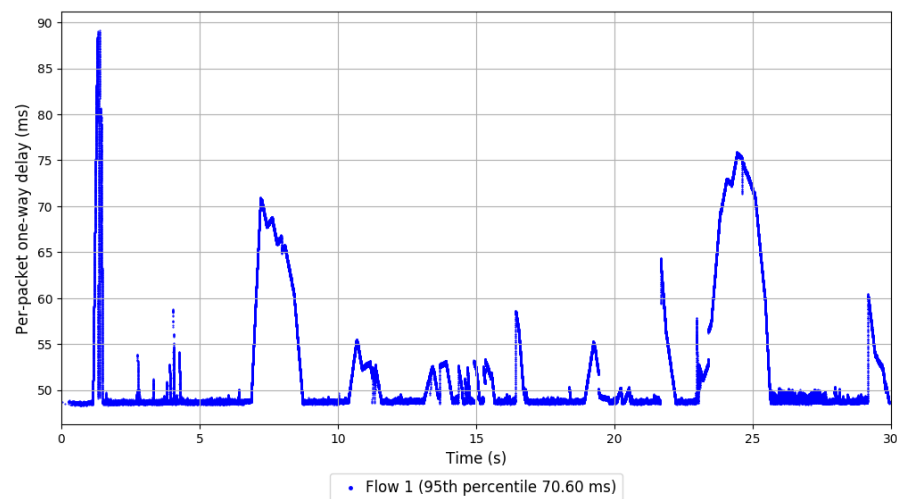
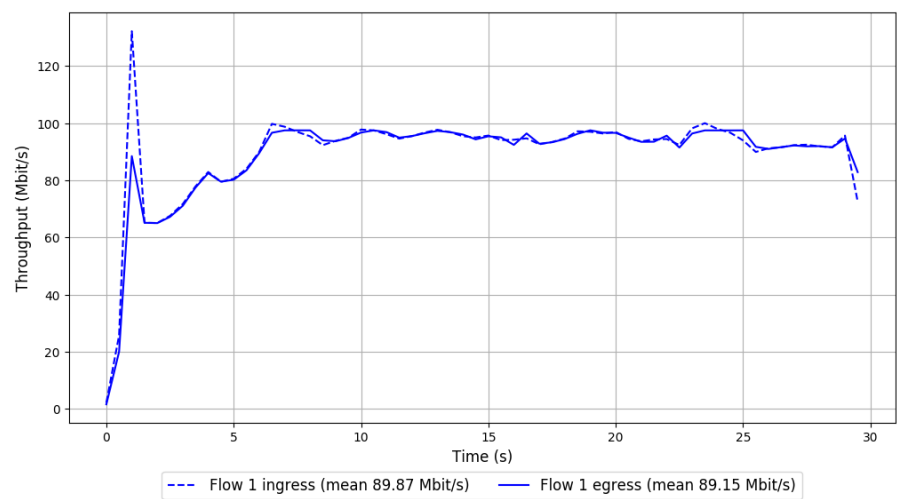


Run 1: Statistics of PCC

Start at: 2017-08-29 11:00:36
End at: 2017-08-29 11:01:06
Local clock offset: 0.332 ms
Remote clock offset: -2.448 ms

Below is generated by plot.py at 2017-08-29 15:08:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.15 Mbit/s
95th percentile per-packet one-way delay: 70.597 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 89.15 Mbit/s
95th percentile per-packet one-way delay: 70.597 ms
Loss rate: 0.83%

Run 1: Report of PCC — Data Link

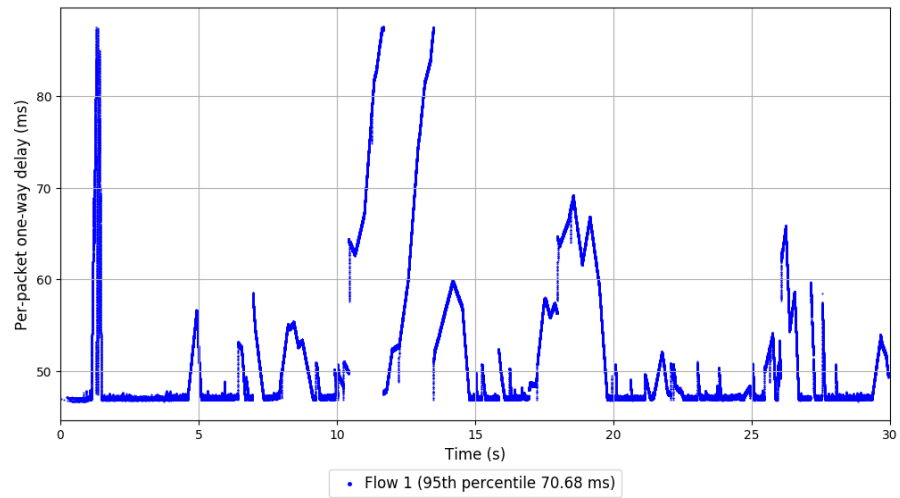
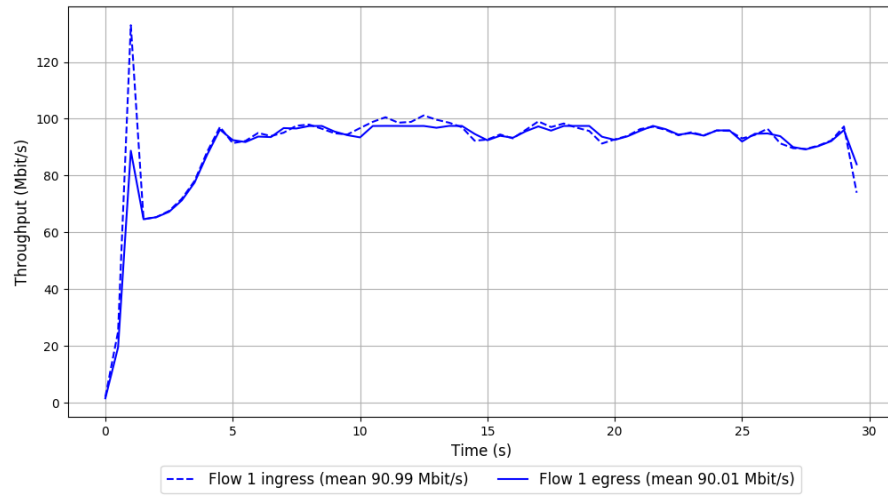


Run 2: Statistics of PCC

Start at: 2017-08-29 11:20:49
End at: 2017-08-29 11:21:20
Local clock offset: 0.367 ms
Remote clock offset: -2.903 ms

Below is generated by plot.py at 2017-08-29 15:08:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.01 Mbit/s
95th percentile per-packet one-way delay: 70.682 ms
Loss rate: 1.10%
-- Flow 1:
Average throughput: 90.01 Mbit/s
95th percentile per-packet one-way delay: 70.682 ms
Loss rate: 1.10%

Run 2: Report of PCC — Data Link

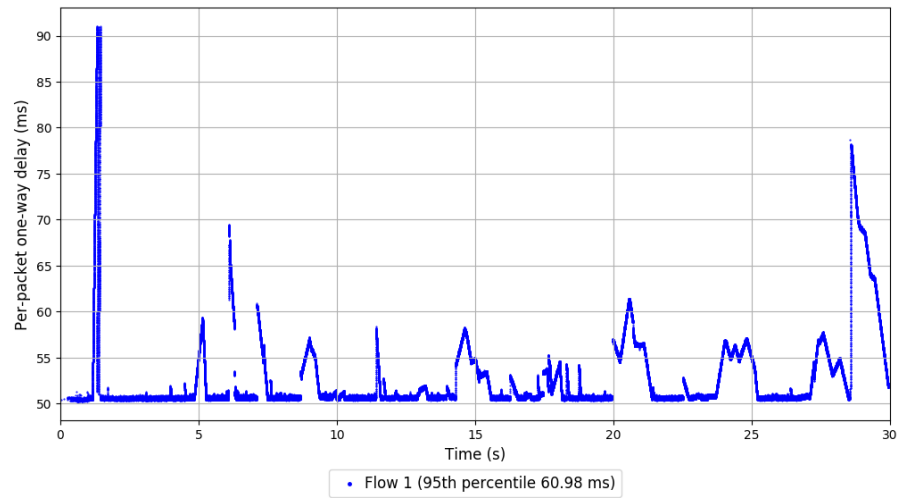
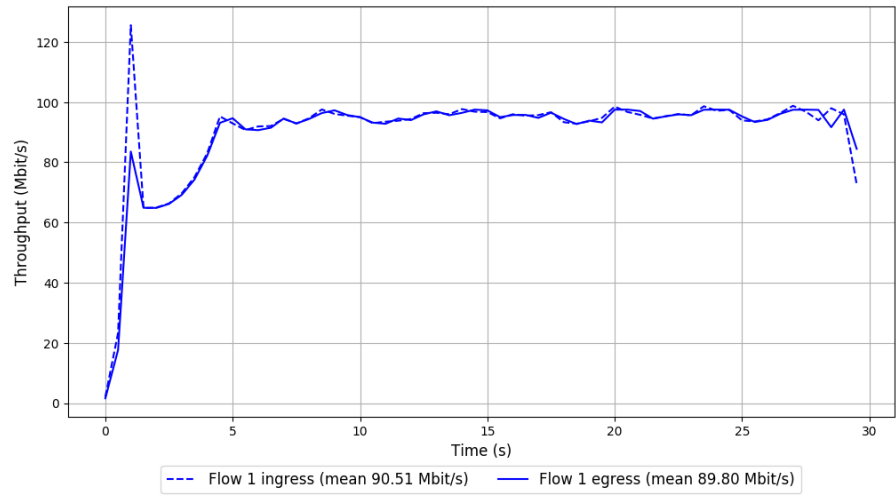


Run 3: Statistics of PCC

Start at: 2017-08-29 11:41:02
End at: 2017-08-29 11:41:32
Local clock offset: 0.346 ms
Remote clock offset: -1.357 ms

Below is generated by plot.py at 2017-08-29 15:08:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.80 Mbit/s
95th percentile per-packet one-way delay: 60.975 ms
Loss rate: 0.80%
-- Flow 1:
Average throughput: 89.80 Mbit/s
95th percentile per-packet one-way delay: 60.975 ms
Loss rate: 0.80%

Run 3: Report of PCC — Data Link

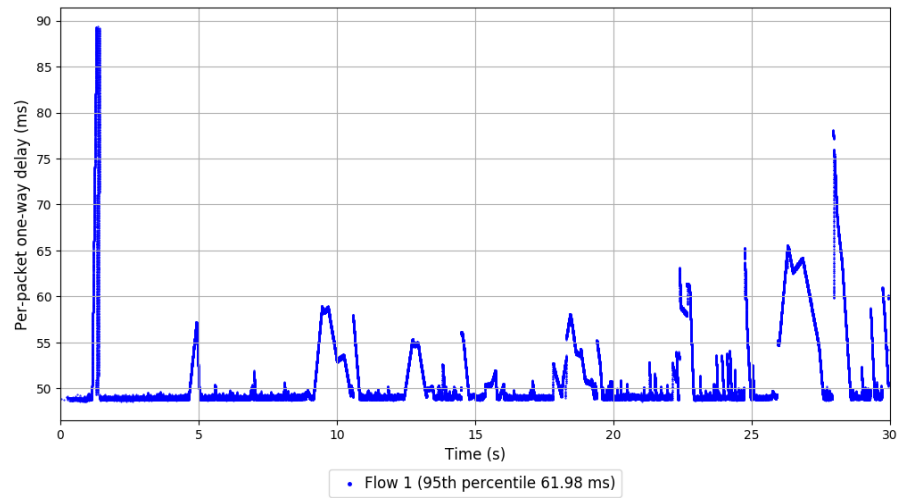
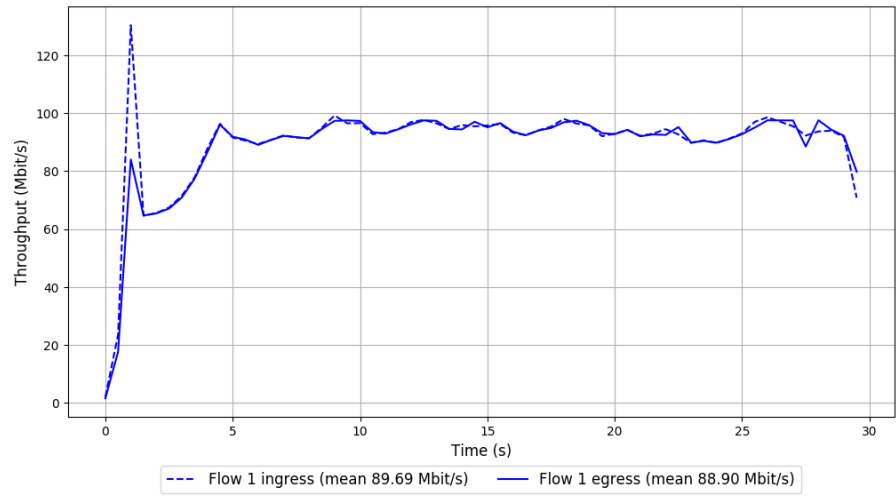


Run 4: Statistics of PCC

Start at: 2017-08-29 12:01:23
End at: 2017-08-29 12:01:53
Local clock offset: 0.283 ms
Remote clock offset: -1.576 ms

Below is generated by plot.py at 2017-08-29 15:08:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.90 Mbit/s
95th percentile per-packet one-way delay: 61.984 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 88.90 Mbit/s
95th percentile per-packet one-way delay: 61.984 ms
Loss rate: 0.86%

Run 4: Report of PCC — Data Link

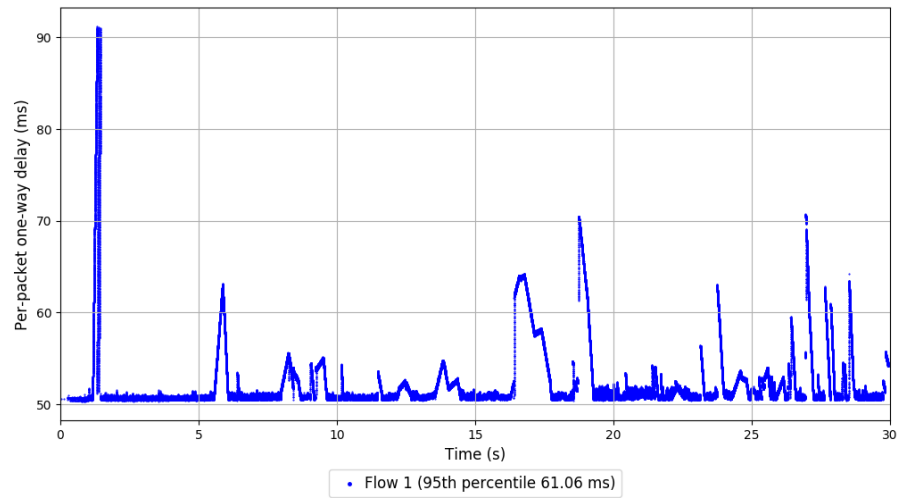
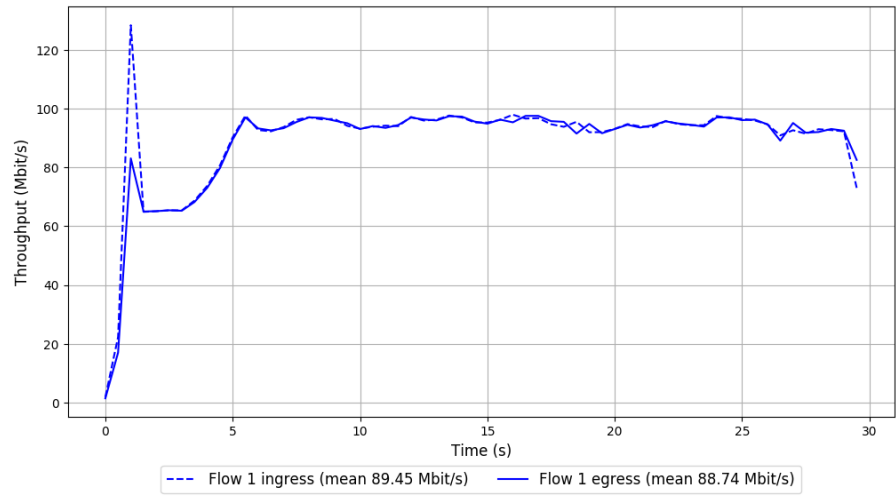


Run 5: Statistics of PCC

Start at: 2017-08-29 12:21:41
End at: 2017-08-29 12:22:11
Local clock offset: 0.258 ms
Remote clock offset: -1.721 ms

Below is generated by plot.py at 2017-08-29 15:08:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.74 Mbit/s
95th percentile per-packet one-way delay: 61.057 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 88.74 Mbit/s
95th percentile per-packet one-way delay: 61.057 ms
Loss rate: 0.83%

Run 5: Report of PCC — Data Link

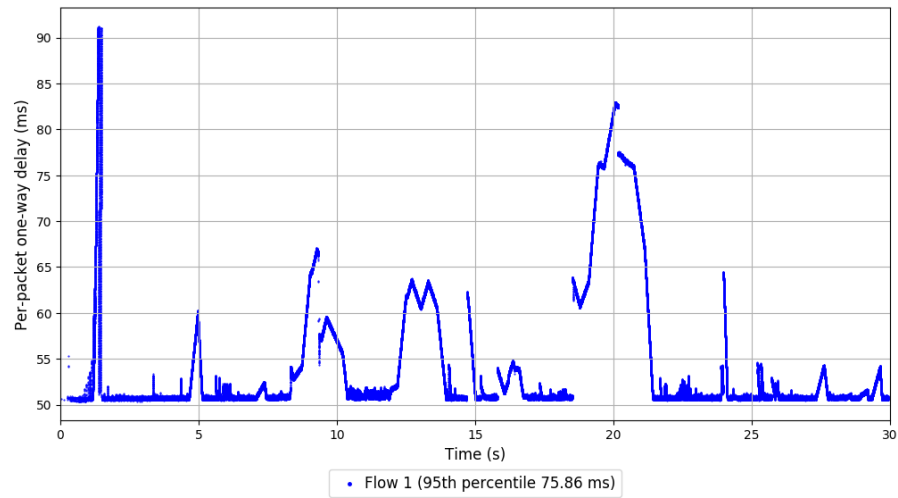
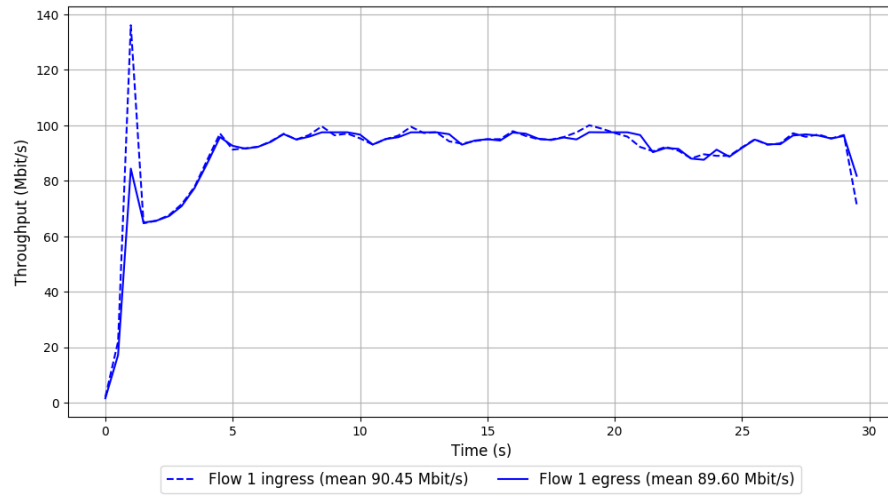


Run 6: Statistics of PCC

Start at: 2017-08-29 12:41:50
End at: 2017-08-29 12:42:20
Local clock offset: 0.14 ms
Remote clock offset: -1.711 ms

Below is generated by plot.py at 2017-08-29 15:08:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.60 Mbit/s
95th percentile per-packet one-way delay: 75.860 ms
Loss rate: 0.95%
-- Flow 1:
Average throughput: 89.60 Mbit/s
95th percentile per-packet one-way delay: 75.860 ms
Loss rate: 0.95%

Run 6: Report of PCC — Data Link



Run 7: Statistics of PCC

Start at: 2017-08-29 13:01:59

End at: 2017-08-29 13:02:29

Local clock offset: 0.169 ms

Remote clock offset: -1.15 ms

Below is generated by plot.py at 2017-08-29 15:08:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.76 Mbit/s

95th percentile per-packet one-way delay: 65.406 ms

Loss rate: 0.76%

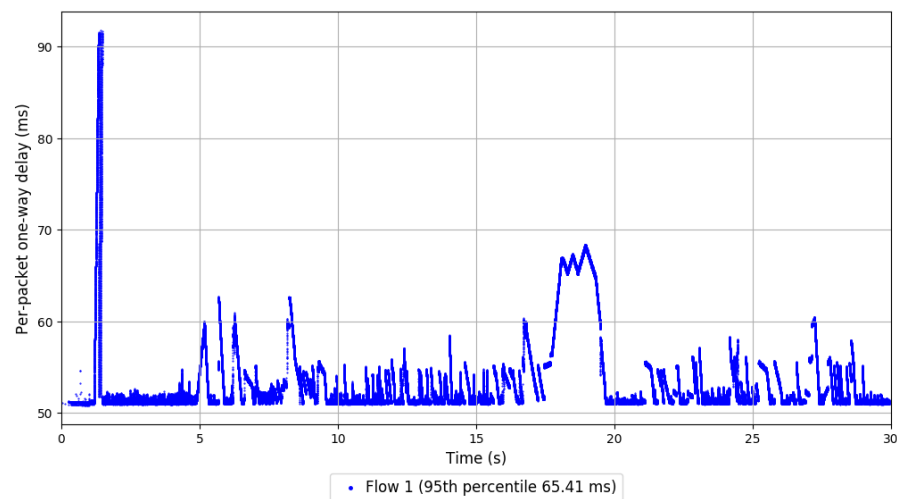
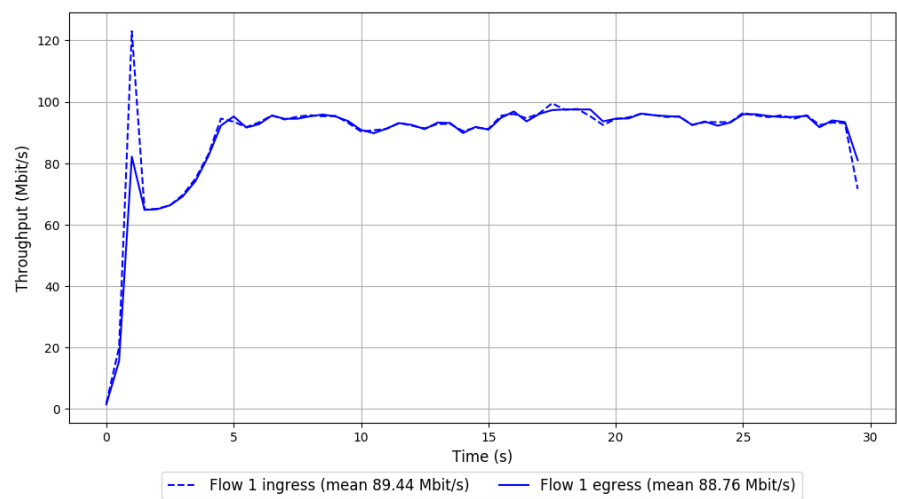
-- Flow 1:

Average throughput: 88.76 Mbit/s

95th percentile per-packet one-way delay: 65.406 ms

Loss rate: 0.76%

Run 7: Report of PCC — Data Link

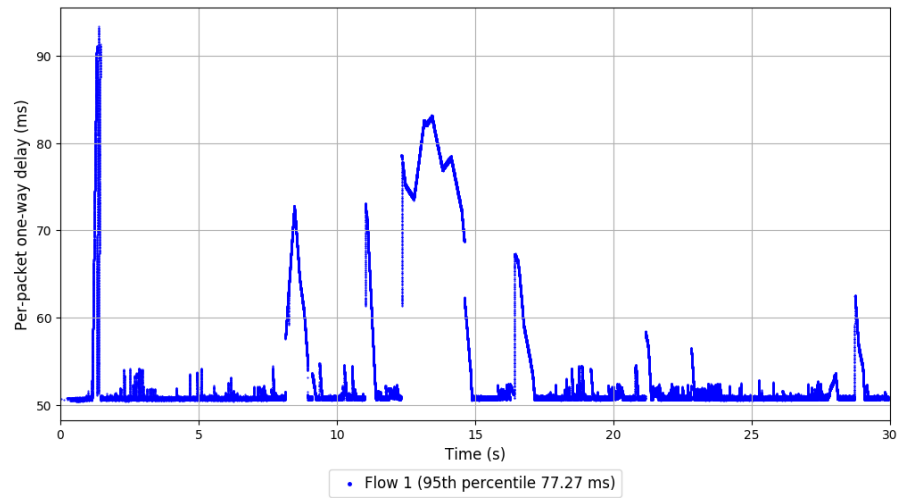
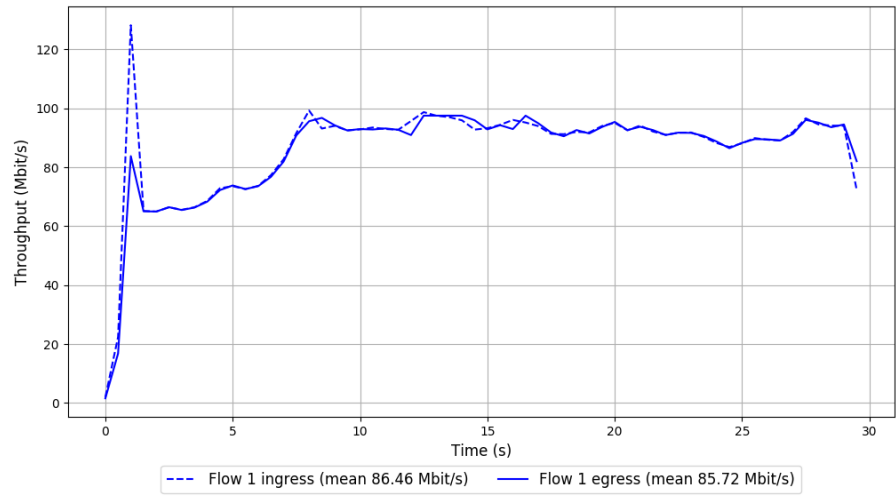


Run 8: Statistics of PCC

Start at: 2017-08-29 13:22:20
End at: 2017-08-29 13:22:50
Local clock offset: 0.185 ms
Remote clock offset: -1.554 ms

Below is generated by plot.py at 2017-08-29 15:08:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 85.72 Mbit/s
95th percentile per-packet one-way delay: 77.274 ms
Loss rate: 0.87%
-- Flow 1:
Average throughput: 85.72 Mbit/s
95th percentile per-packet one-way delay: 77.274 ms
Loss rate: 0.87%

Run 8: Report of PCC — Data Link

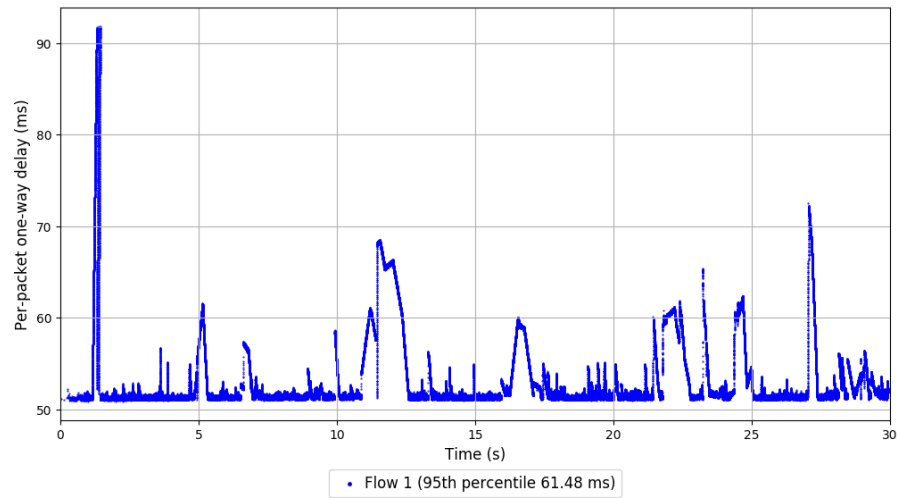
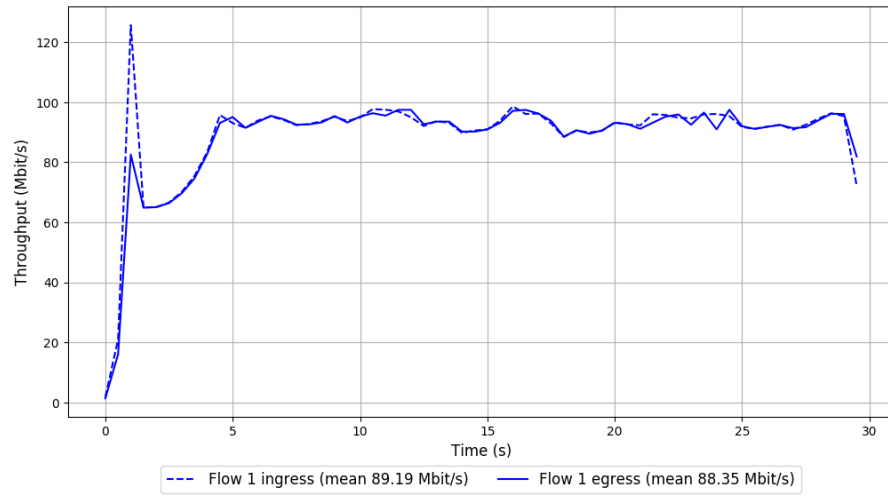


Run 9: Statistics of PCC

Start at: 2017-08-29 13:42:30
End at: 2017-08-29 13:43:01
Local clock offset: 0.235 ms
Remote clock offset: -1.025 ms

Below is generated by plot.py at 2017-08-29 15:09:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.35 Mbit/s
95th percentile per-packet one-way delay: 61.477 ms
Loss rate: 0.94%
-- Flow 1:
Average throughput: 88.35 Mbit/s
95th percentile per-packet one-way delay: 61.477 ms
Loss rate: 0.94%

Run 9: Report of PCC — Data Link

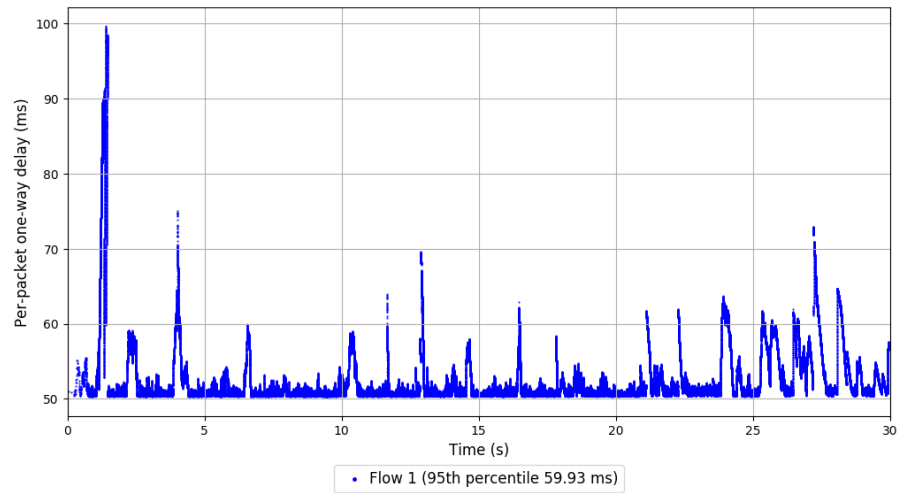
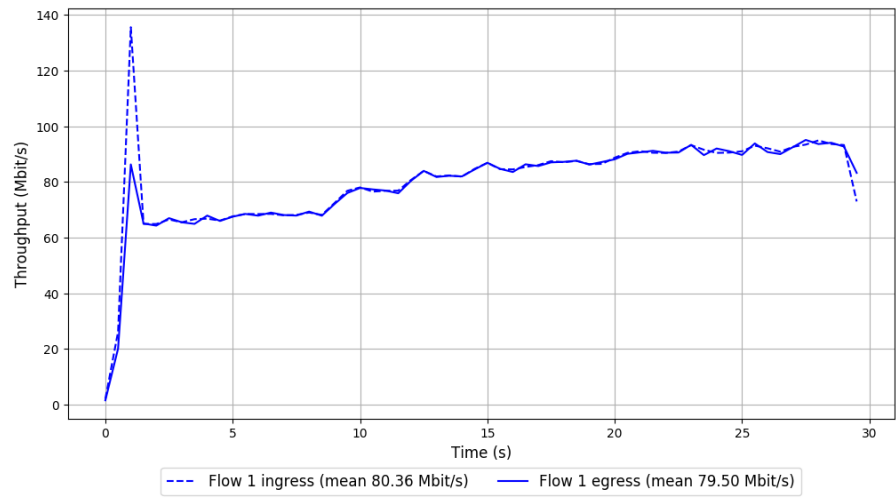


Run 10: Statistics of PCC

Start at: 2017-08-29 14:02:39
End at: 2017-08-29 14:03:09
Local clock offset: 0.372 ms
Remote clock offset: -1.244 ms

Below is generated by plot.py at 2017-08-29 15:09:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 79.50 Mbit/s
95th percentile per-packet one-way delay: 59.927 ms
Loss rate: 1.08%
-- Flow 1:
Average throughput: 79.50 Mbit/s
95th percentile per-packet one-way delay: 59.927 ms
Loss rate: 1.08%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

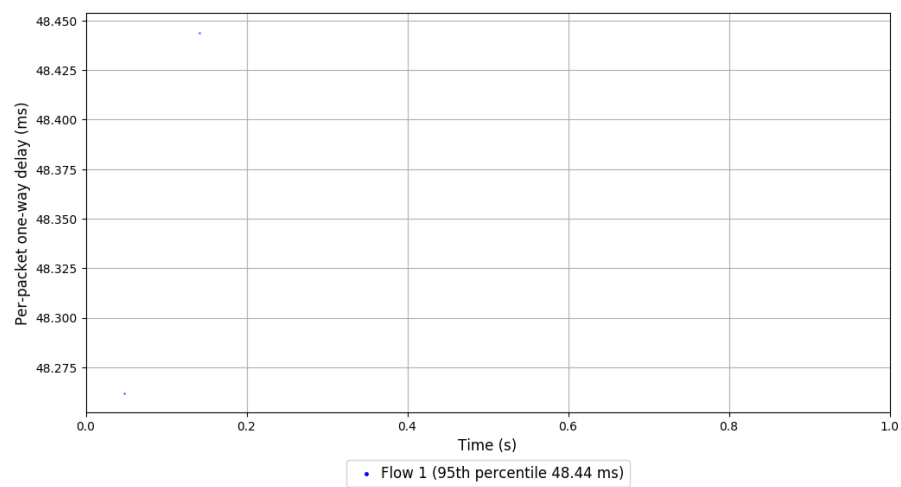
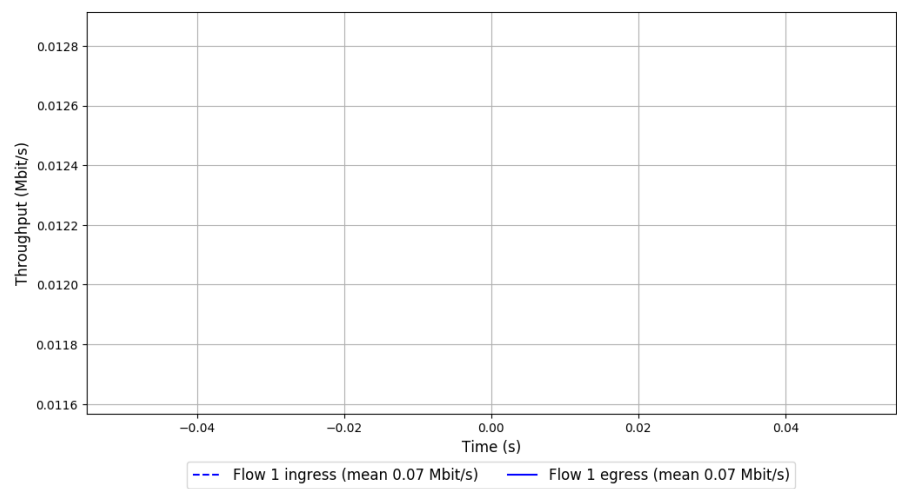
Start at: 2017-08-29 11:11:22

End at: 2017-08-29 11:11:52

Local clock offset: 0.277 ms

Remote clock offset: -2.709 ms

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2017-08-29 11:31:29

End at: 2017-08-29 11:31:59

Local clock offset: 0.258 ms

Remote clock offset: -1.118 ms

Below is generated by plot.py at 2017-08-29 15:09:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.29 Mbit/s

95th percentile per-packet one-way delay: 53.372 ms

Loss rate: 0.00%

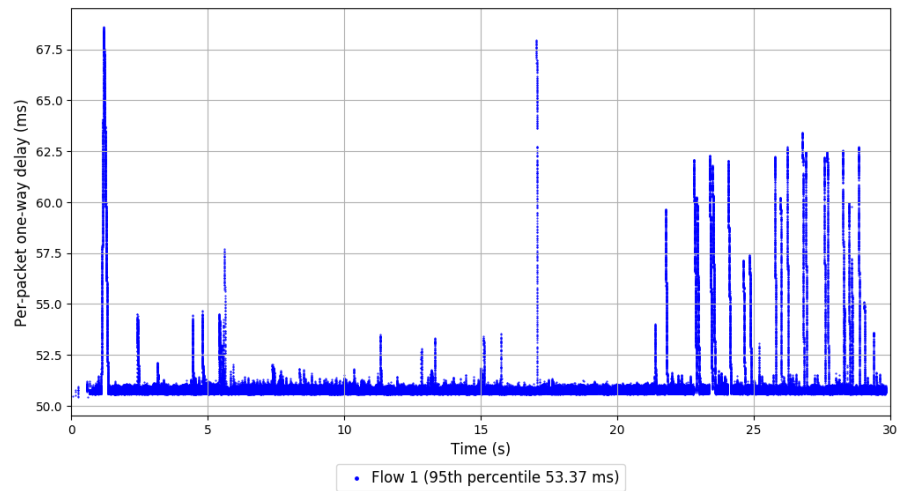
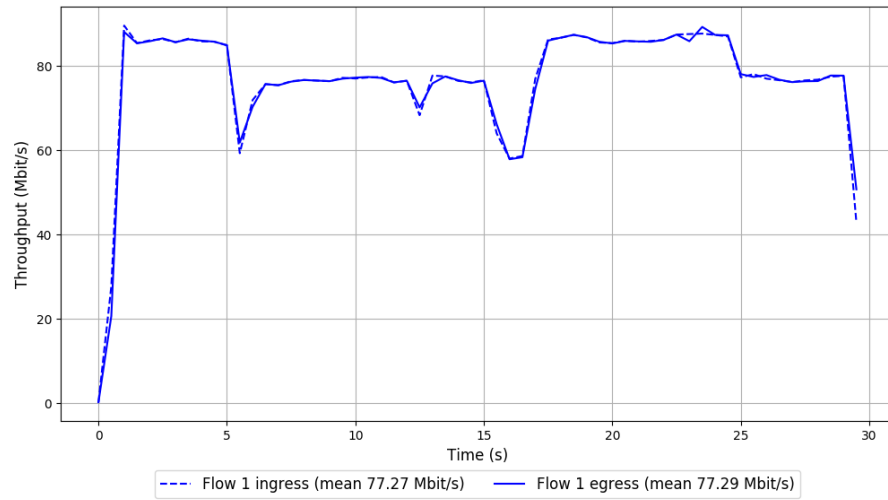
-- Flow 1:

Average throughput: 77.29 Mbit/s

95th percentile per-packet one-way delay: 53.372 ms

Loss rate: 0.00%

Run 2: Report of QUIC Cubic — Data Link

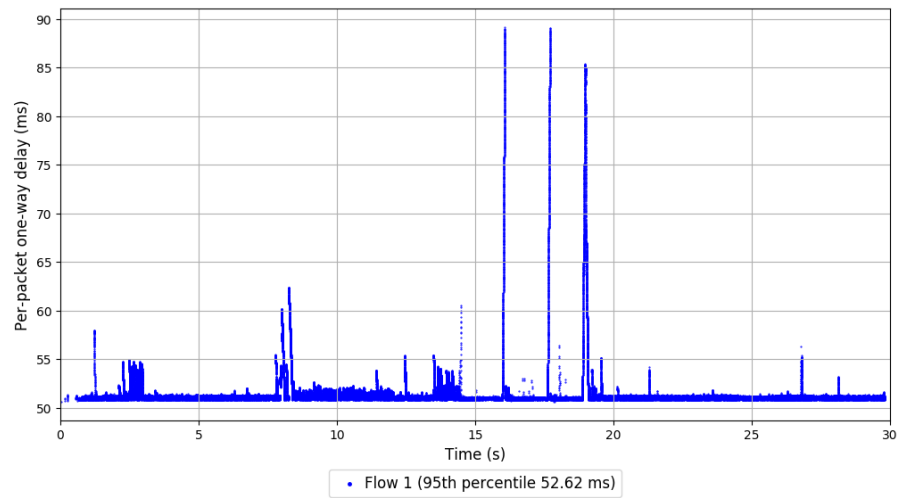
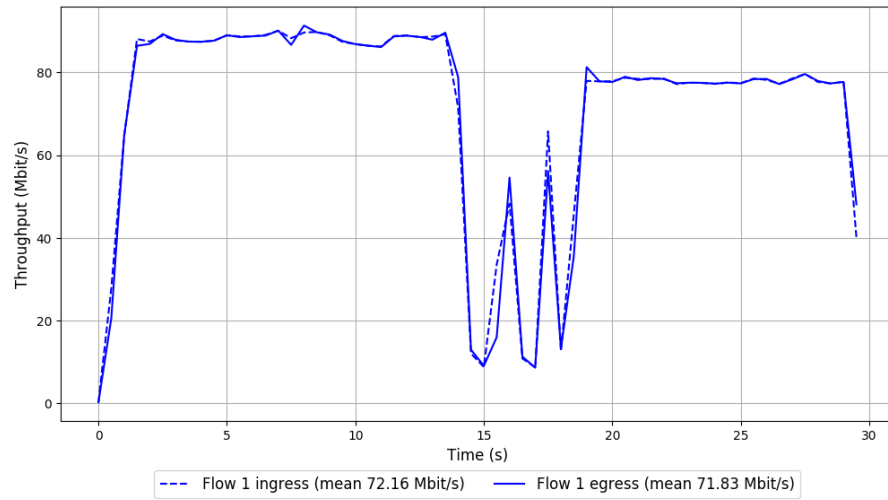


Run 3: Statistics of QUIC Cubic

Start at: 2017-08-29 11:51:51
End at: 2017-08-29 11:52:22
Local clock offset: 0.322 ms
Remote clock offset: -1.059 ms

Below is generated by plot.py at 2017-08-29 15:09:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 71.83 Mbit/s
95th percentile per-packet one-way delay: 52.617 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 71.83 Mbit/s
95th percentile per-packet one-way delay: 52.617 ms
Loss rate: 0.46%

Run 3: Report of QUIC Cubic — Data Link

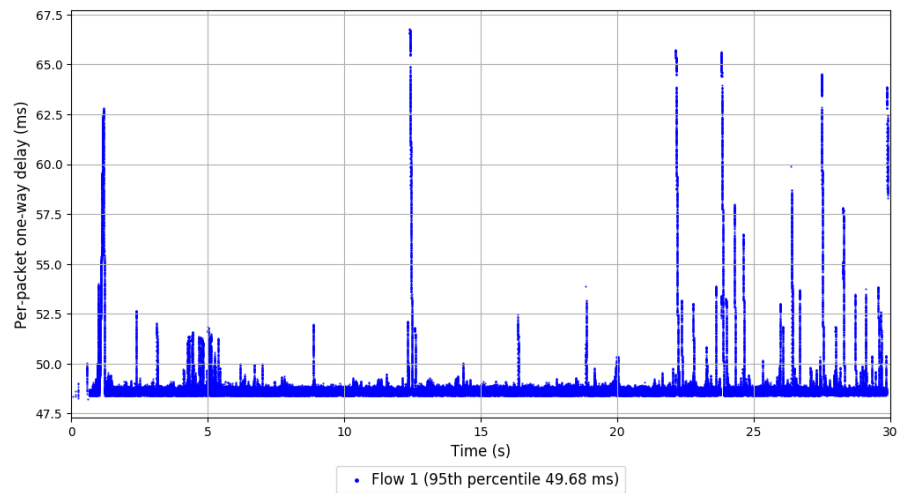
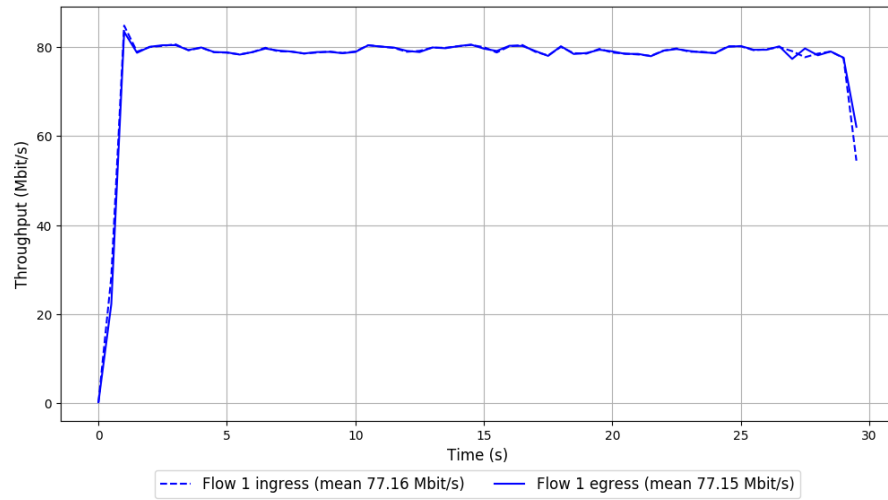


Run 4: Statistics of QUIC Cubic

Start at: 2017-08-29 12:12:11
End at: 2017-08-29 12:12:41
Local clock offset: 0.308 ms
Remote clock offset: -3.684 ms

Below is generated by plot.py at 2017-08-29 15:09:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.15 Mbit/s
95th percentile per-packet one-way delay: 49.682 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 77.15 Mbit/s
95th percentile per-packet one-way delay: 49.682 ms
Loss rate: 0.00%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2017-08-29 12:32:22

End at: 2017-08-29 12:32:52

Local clock offset: 0.161 ms

Remote clock offset: -3.852 ms

Below is generated by plot.py at 2017-08-29 15:09:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.33 Mbit/s

95th percentile per-packet one-way delay: 50.947 ms

Loss rate: 0.49%

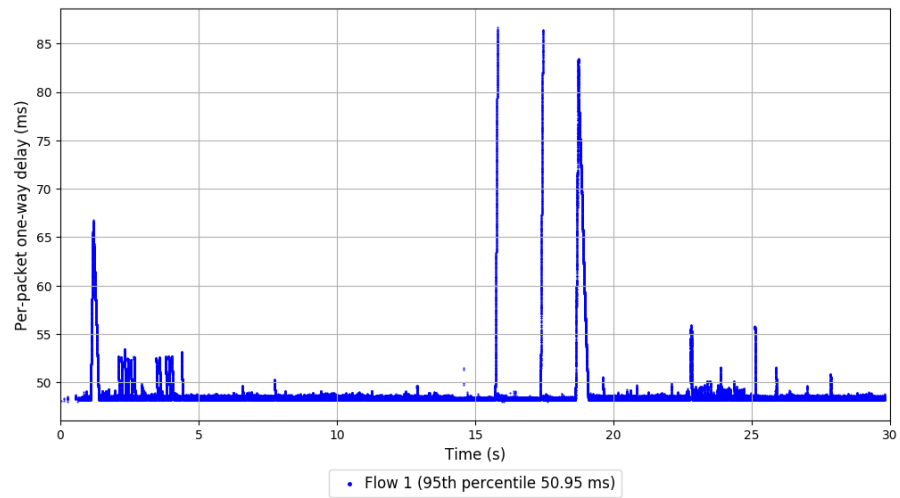
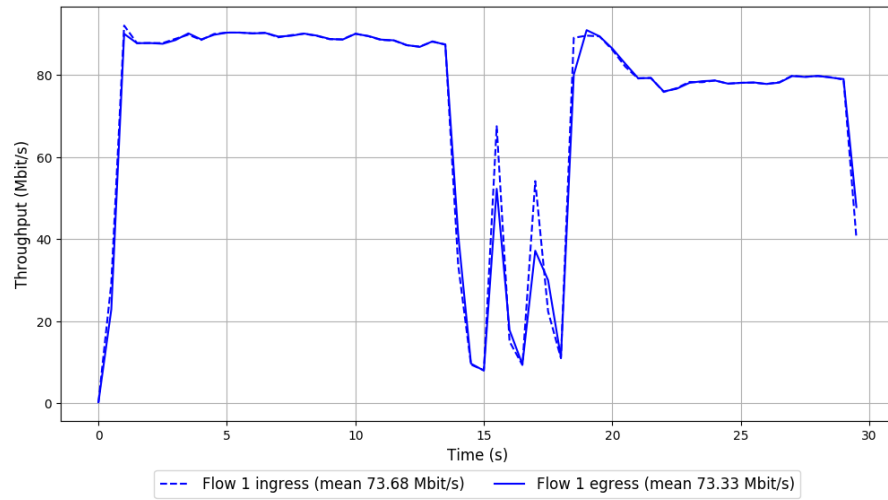
-- Flow 1:

Average throughput: 73.33 Mbit/s

95th percentile per-packet one-way delay: 50.947 ms

Loss rate: 0.49%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2017-08-29 12:52:29

End at: 2017-08-29 12:52:59

Local clock offset: 0.221 ms

Remote clock offset: -3.736 ms

Below is generated by plot.py at 2017-08-29 15:09:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 74.19 Mbit/s

95th percentile per-packet one-way delay: 50.563 ms

Loss rate: 0.46%

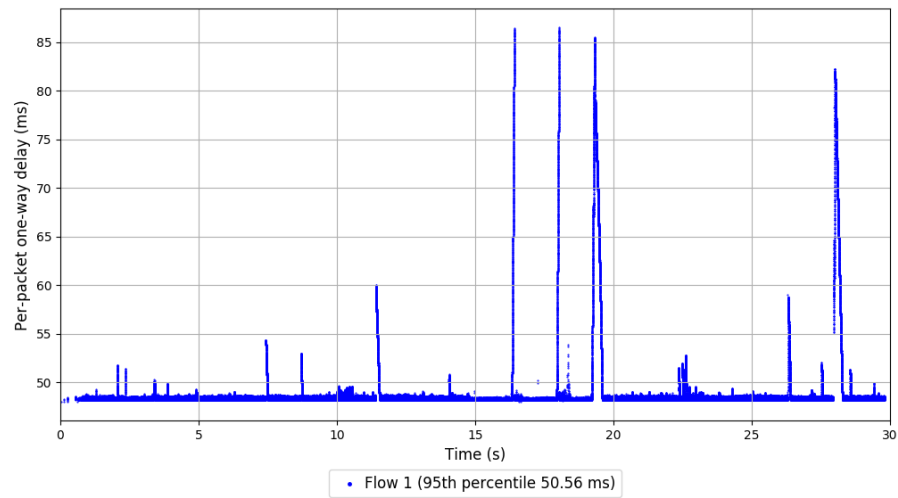
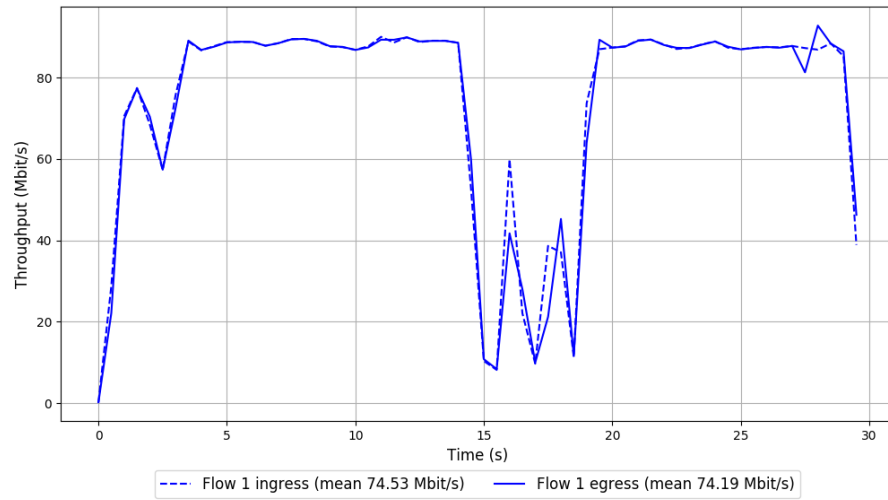
-- Flow 1:

Average throughput: 74.19 Mbit/s

95th percentile per-packet one-way delay: 50.563 ms

Loss rate: 0.46%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: 2017-08-29 13:12:48

End at: 2017-08-29 13:13:18

Local clock offset: 0.259 ms

Remote clock offset: -1.714 ms

Below is generated by plot.py at 2017-08-29 15:09:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.79 Mbit/s

95th percentile per-packet one-way delay: 52.448 ms

Loss rate: 0.61%

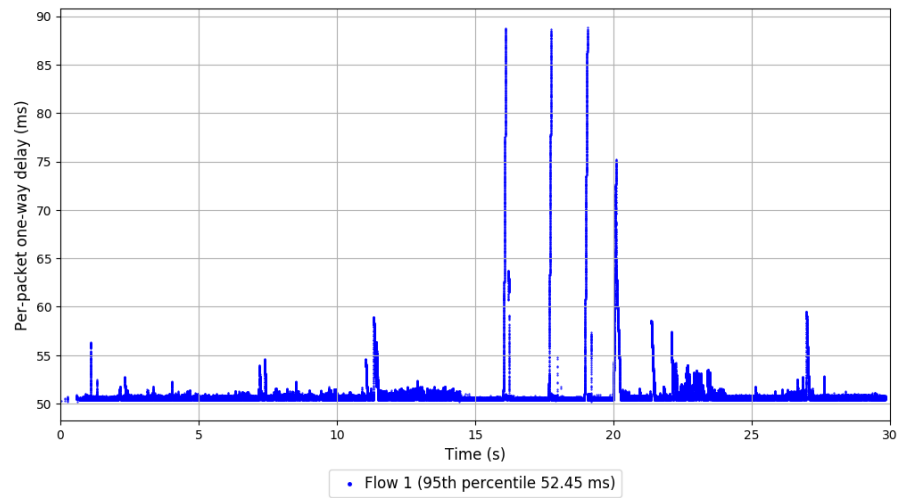
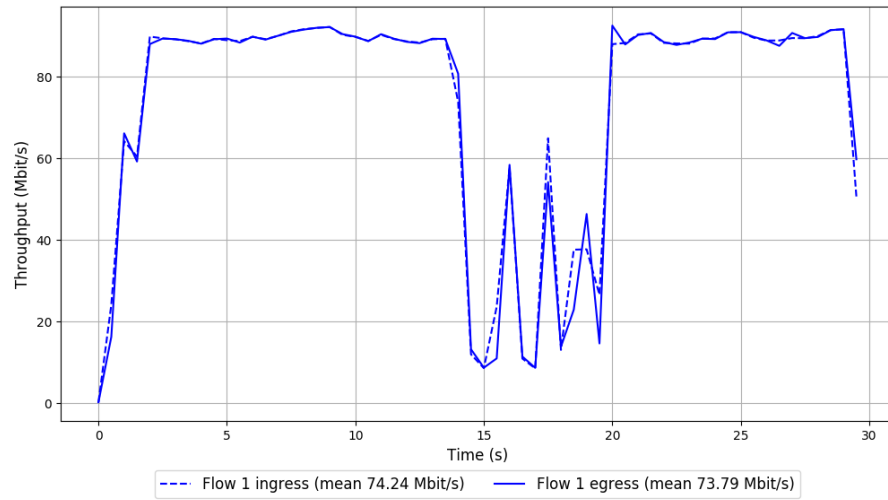
-- Flow 1:

Average throughput: 73.79 Mbit/s

95th percentile per-packet one-way delay: 52.448 ms

Loss rate: 0.61%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2017-08-29 13:33:00

End at: 2017-08-29 13:33:30

Local clock offset: 0.22 ms

Remote clock offset: -3.736 ms

Below is generated by plot.py at 2017-08-29 15:09:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 65.75 Mbit/s

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

Loss rate: 0.27%

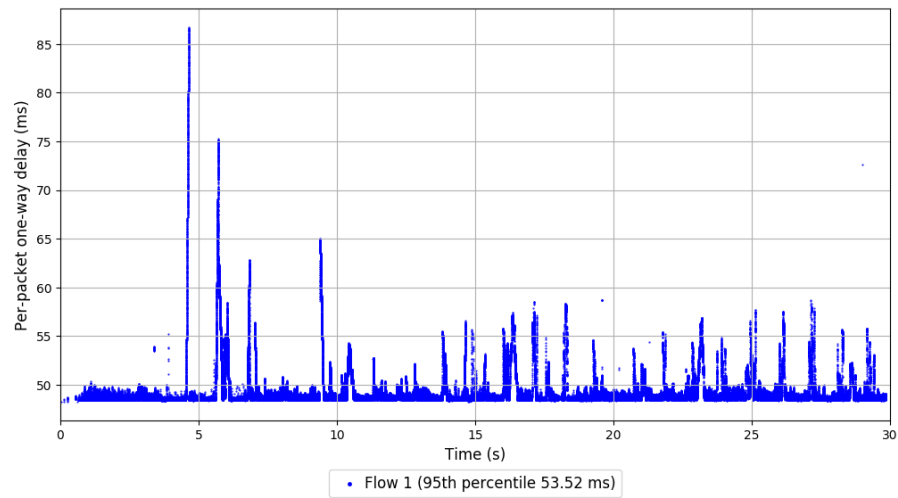
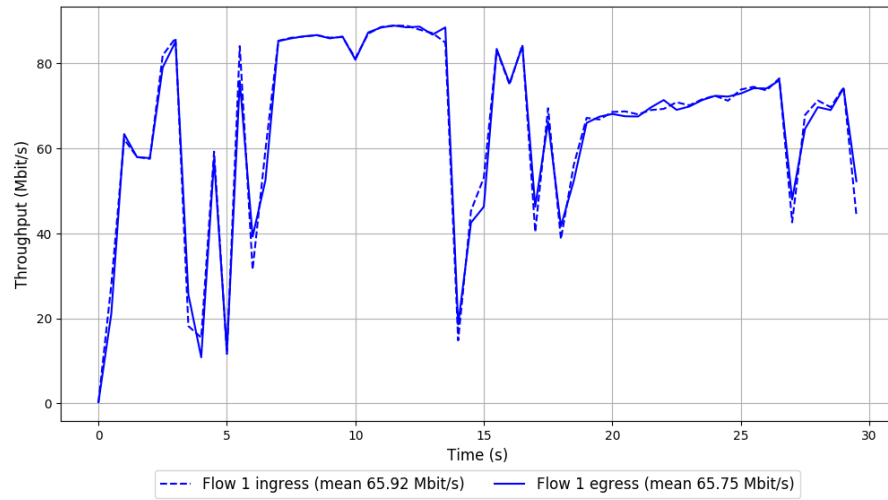
-- Flow 1:

Average throughput: 65.75 Mbit/s

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

Loss rate: 0.27%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2017-08-29 13:53:09

End at: 2017-08-29 13:53:39

Local clock offset: 0.277 ms

Remote clock offset: -1.534 ms

Below is generated by plot.py at 2017-08-29 15:09:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 71.63 Mbit/s

95th percentile per-packet one-way delay: 56.986 ms

Loss rate: 0.32%

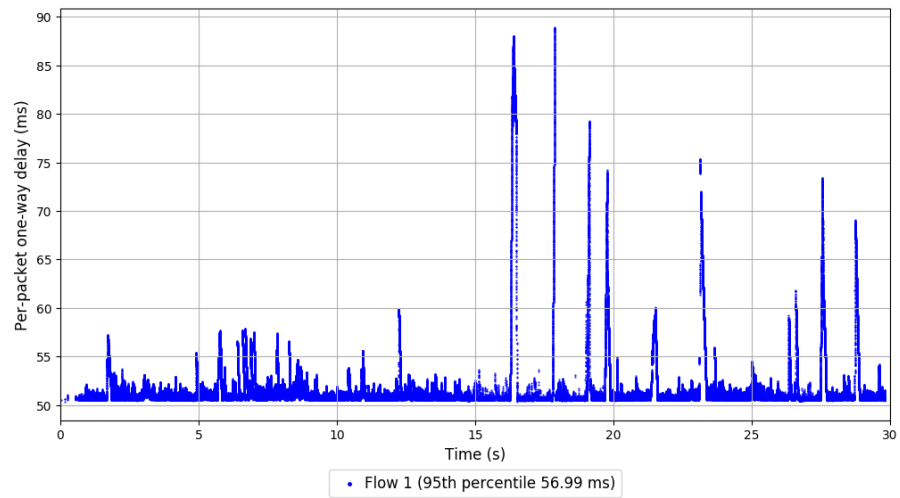
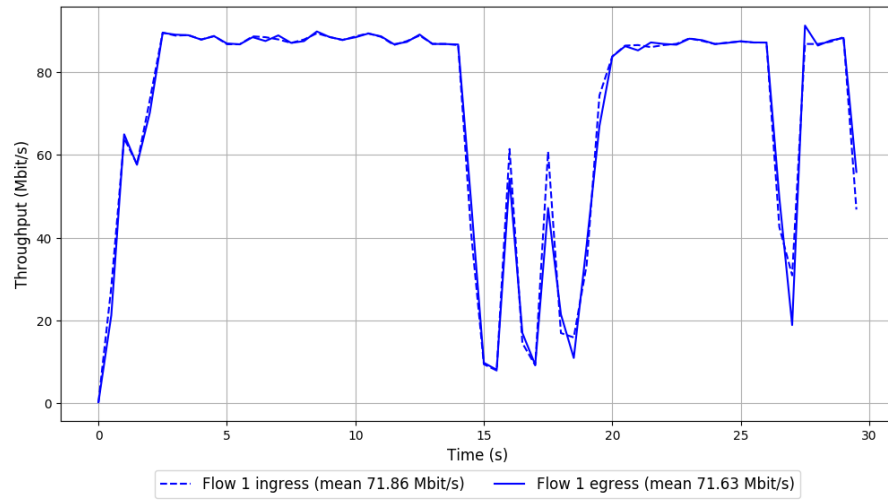
-- Flow 1:

Average throughput: 71.63 Mbit/s

95th percentile per-packet one-way delay: 56.986 ms

Loss rate: 0.32%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

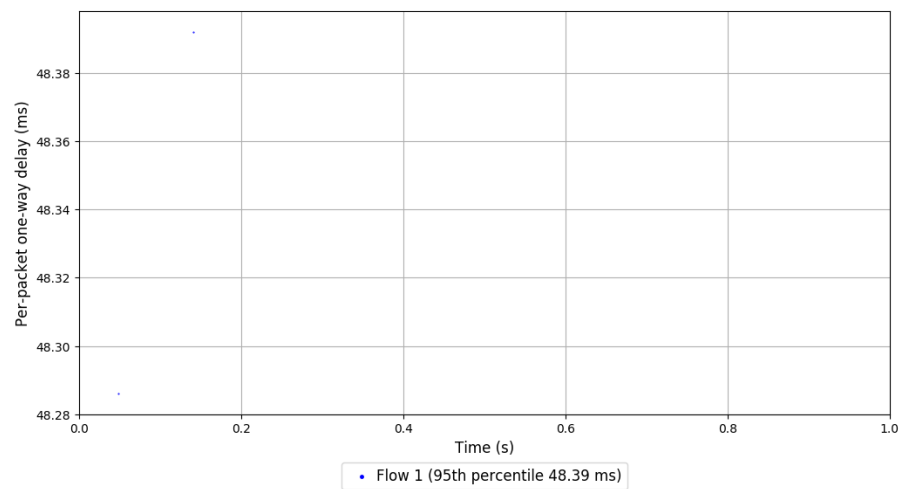
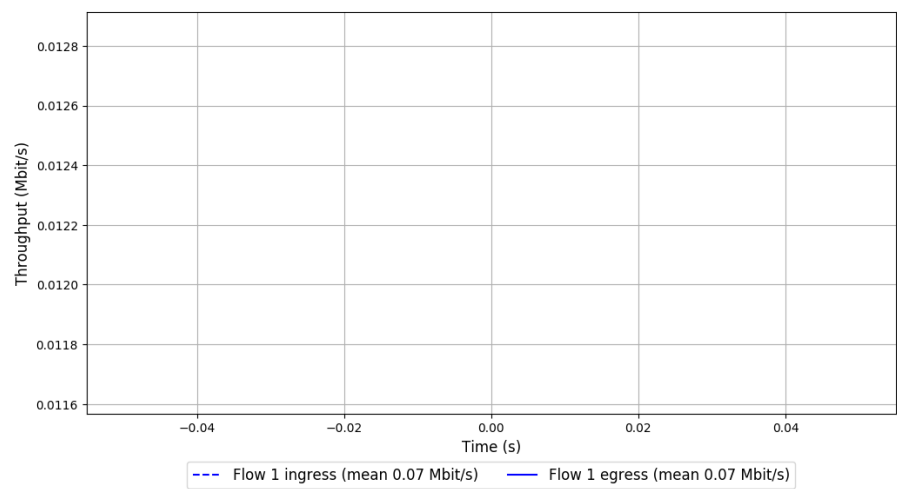
Start at: 2017-08-29 14:13:18

End at: 2017-08-29 14:13:48

Local clock offset: 0.307 ms

Remote clock offset: -3.484 ms

Run 10: Report of QUIC Cubic — Data Link

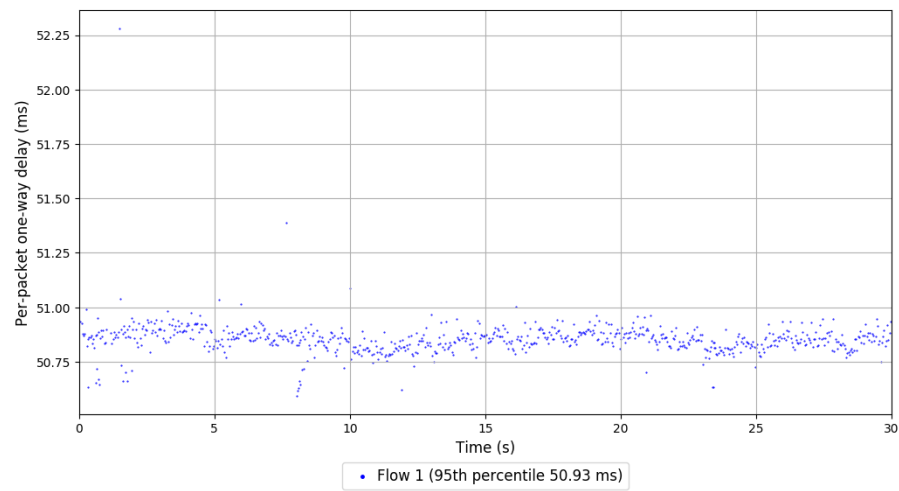
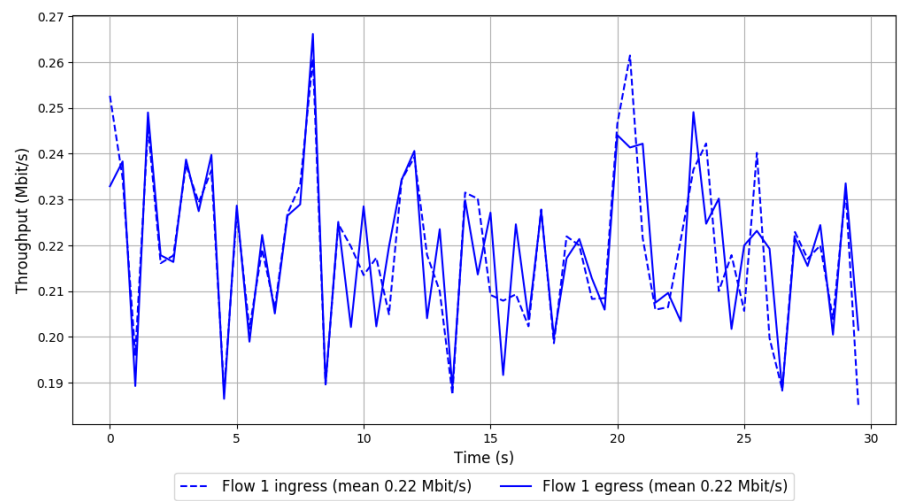


Run 1: Statistics of SCReAM

Start at: 2017-08-29 11:06:04
End at: 2017-08-29 11:06:34
Local clock offset: 0.375 ms
Remote clock offset: -0.133 ms

Below is generated by plot.py at 2017-08-29 15:09:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.933 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.933 ms
Loss rate: 0.00%

Run 1: Report of SReAM — Data Link

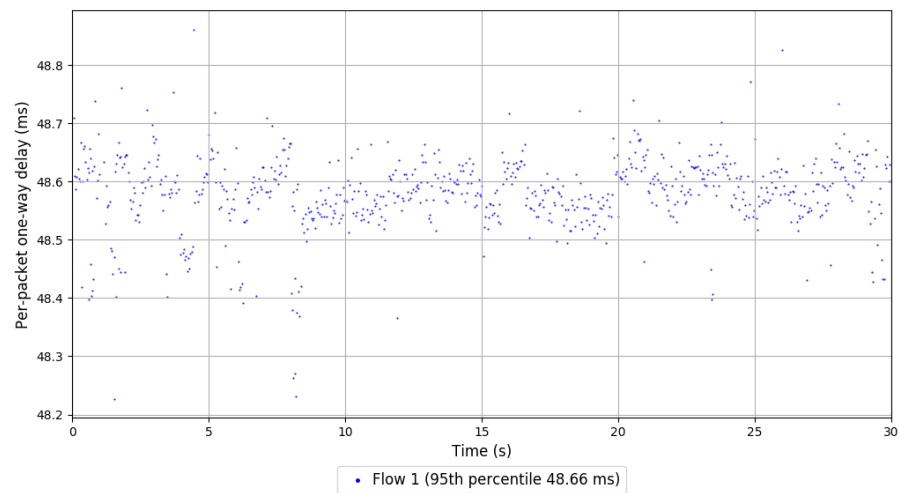
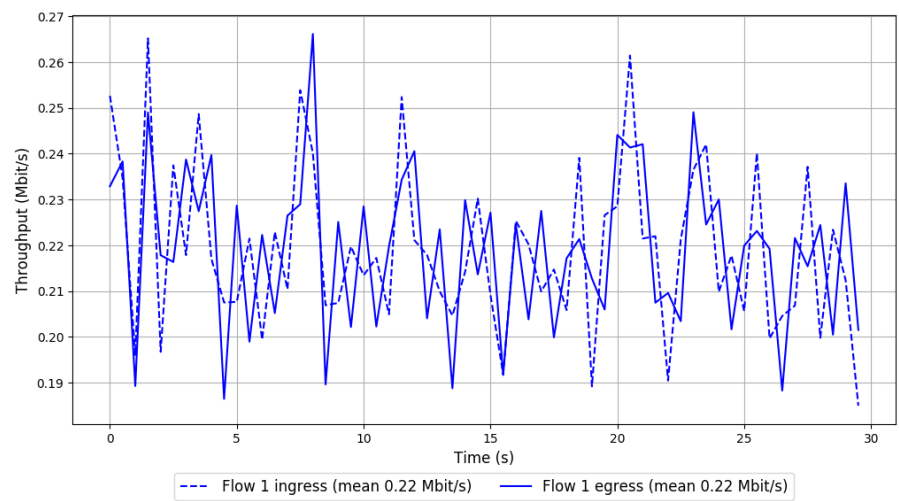


Run 2: Statistics of SCReAM

Start at: 2017-08-29 11:26:10
End at: 2017-08-29 11:26:40
Local clock offset: 0.298 ms
Remote clock offset: -3.164 ms

Below is generated by plot.py at 2017-08-29 15:09:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.665 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.665 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

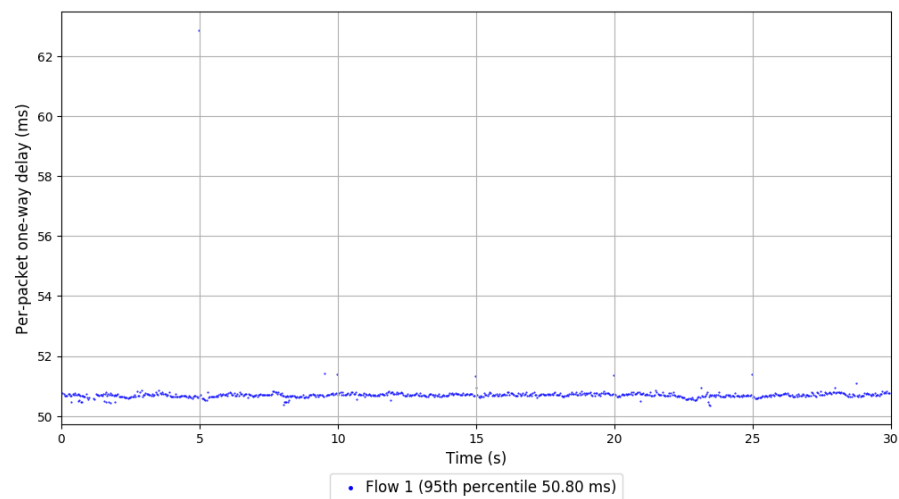
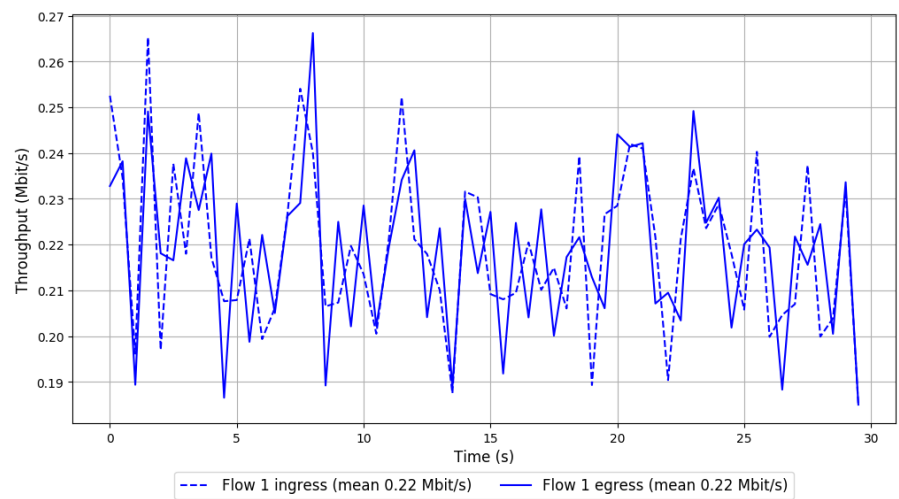


Run 3: Statistics of SCReAM

Start at: 2017-08-29 11:46:30
End at: 2017-08-29 11:47:00
Local clock offset: 0.323 ms
Remote clock offset: -1.353 ms

Below is generated by plot.py at 2017-08-29 15:09:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.798 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.798 ms
Loss rate: 0.13%

Run 3: Report of SReAM — Data Link

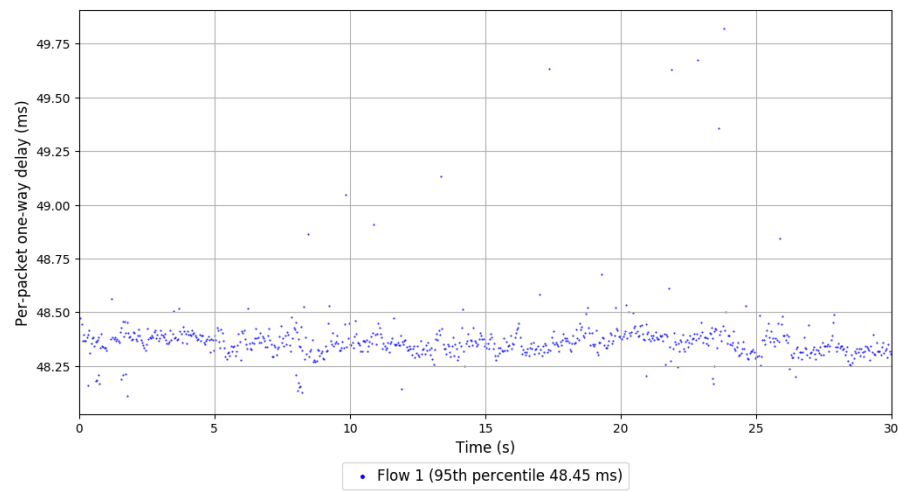
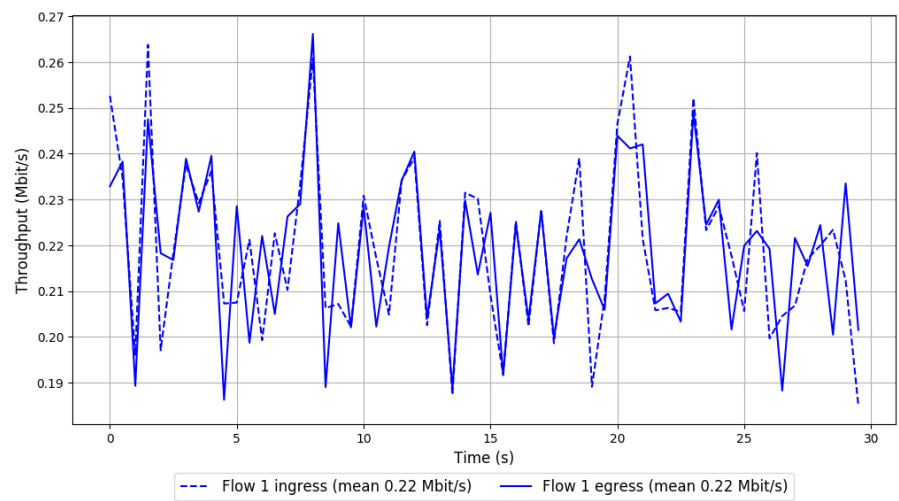


Run 4: Statistics of SCReAM

Start at: 2017-08-29 12:06:51
End at: 2017-08-29 12:07:21
Local clock offset: 0.285 ms
Remote clock offset: -3.667 ms

Below is generated by plot.py at 2017-08-29 15:09:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.453 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.453 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

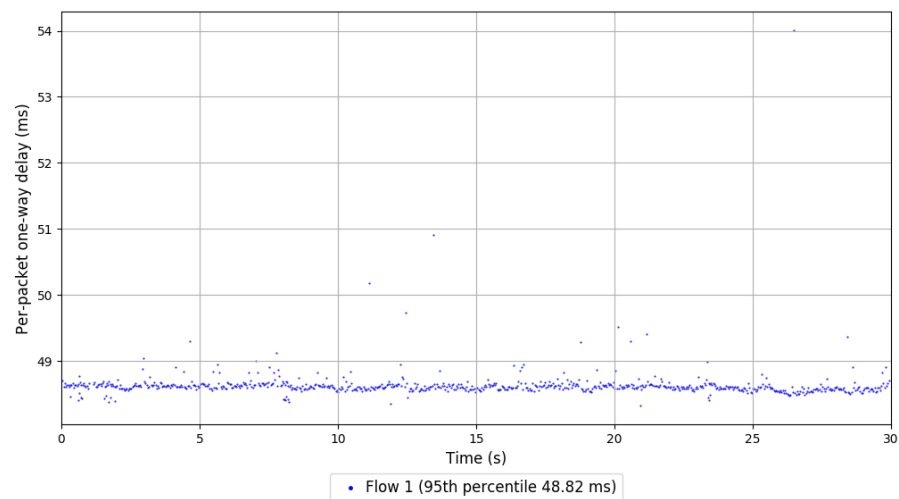
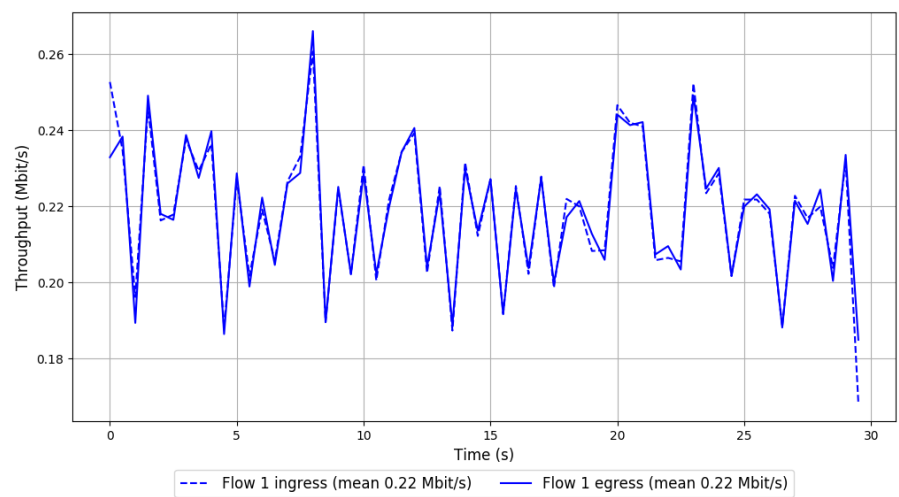


Run 5: Statistics of SCReAM

Start at: 2017-08-29 12:27:03
End at: 2017-08-29 12:27:33
Local clock offset: 0.25 ms
Remote clock offset: -3.746 ms

Below is generated by plot.py at 2017-08-29 15:09:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.818 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.818 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

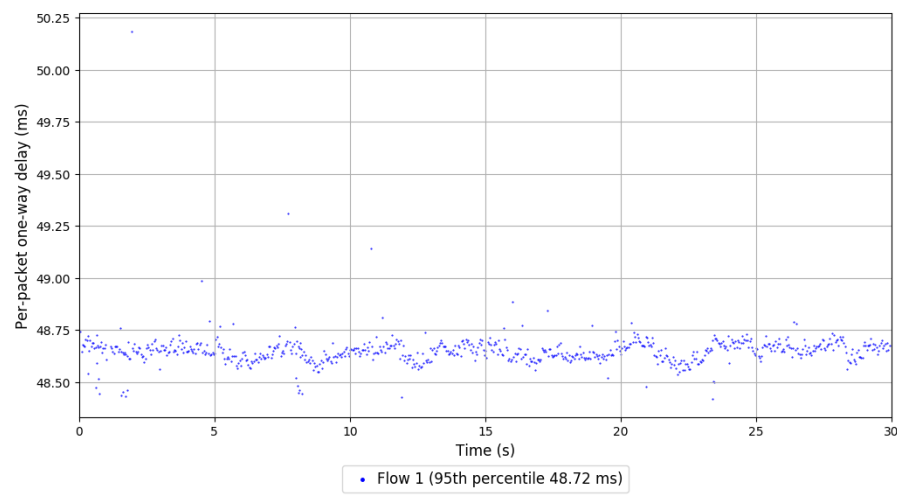
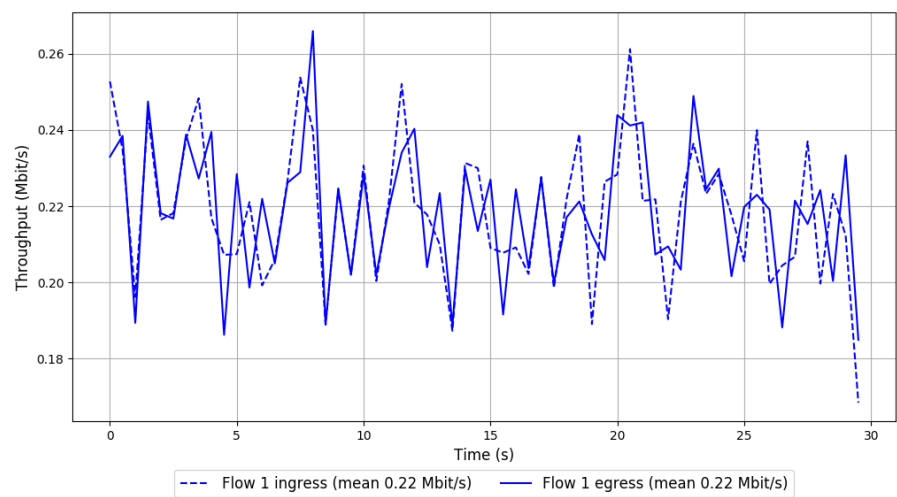


Run 6: Statistics of SCReAM

Start at: 2017-08-29 12:47:17
End at: 2017-08-29 12:47:47
Local clock offset: 0.14 ms
Remote clock offset: -3.739 ms

Below is generated by plot.py at 2017-08-29 15:09:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.718 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.718 ms
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

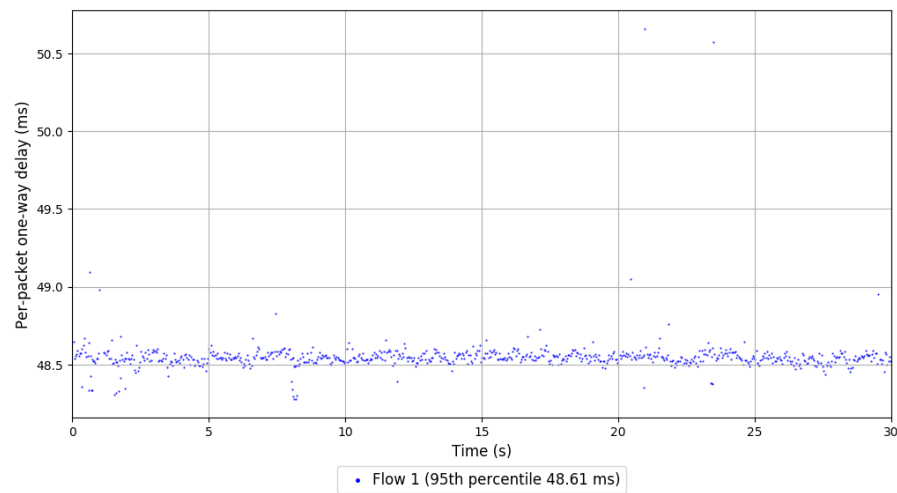
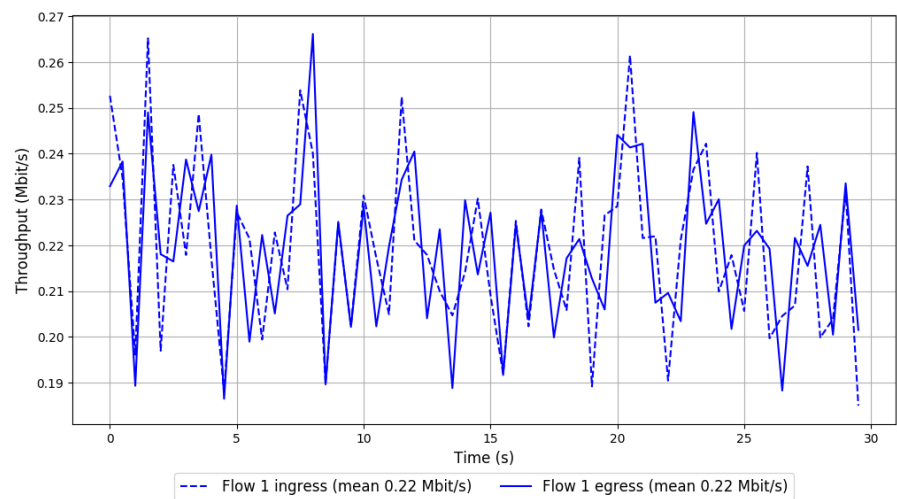


Run 7: Statistics of SCReAM

Start at: 2017-08-29 13:07:27
End at: 2017-08-29 13:07:57
Local clock offset: 0.219 ms
Remote clock offset: -3.808 ms

Below is generated by plot.py at 2017-08-29 15:09:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.607 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.607 ms
Loss rate: 0.00%

Run 7: Report of SReAM — Data Link

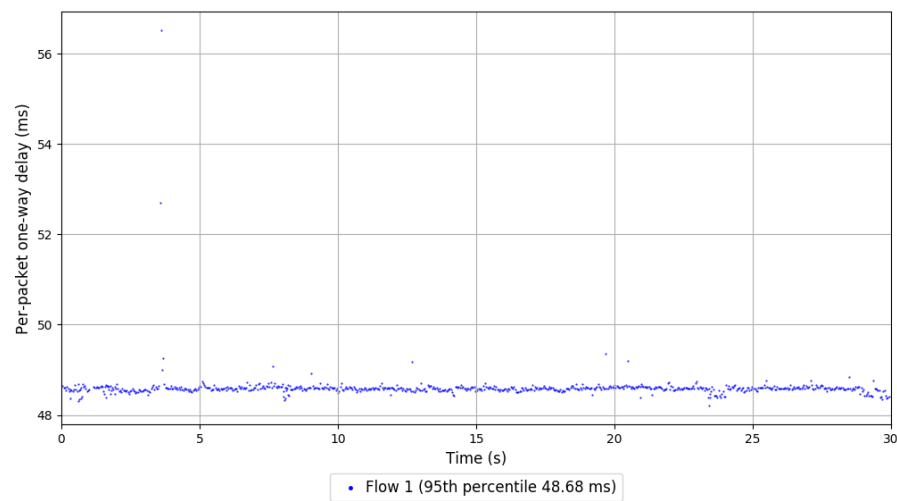
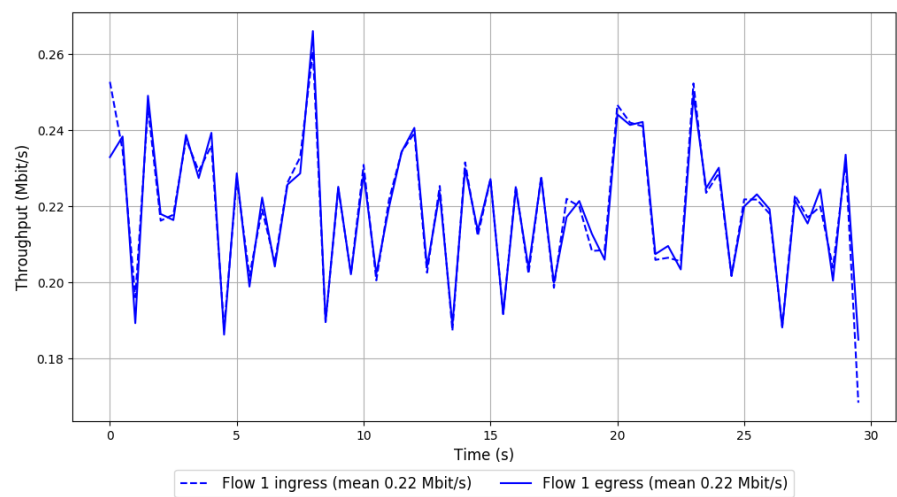


Run 8: Statistics of SCReAM

Start at: 2017-08-29 13:27:41
End at: 2017-08-29 13:28:11
Local clock offset: 0.275 ms
Remote clock offset: -3.708 ms

Below is generated by plot.py at 2017-08-29 15:09:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.676 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.676 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

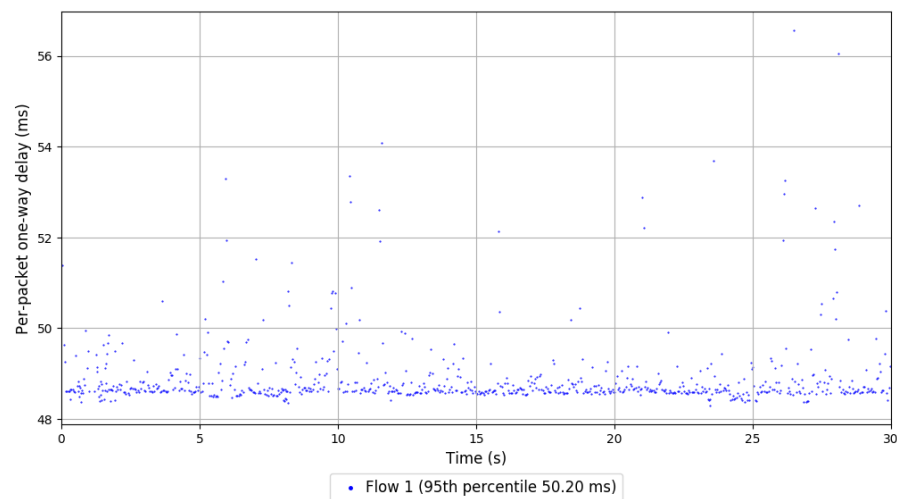
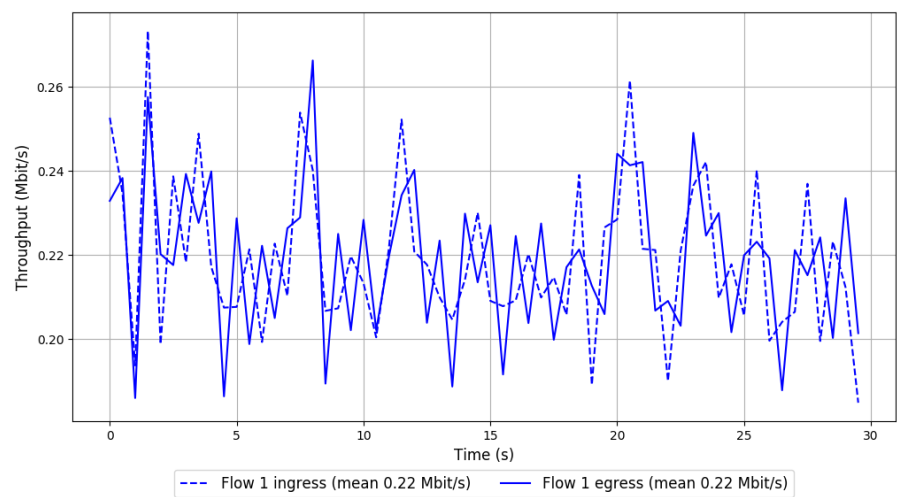


Run 9: Statistics of SCReAM

Start at: 2017-08-29 13:47:51
End at: 2017-08-29 13:48:21
Local clock offset: 0.344 ms
Remote clock offset: -3.578 ms

Below is generated by plot.py at 2017-08-29 15:09:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.205 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.205 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SReAM

Start at: 2017-08-29 14:08:02

End at: 2017-08-29 14:08:32

Local clock offset: 0.388 ms

Remote clock offset: -0.994 ms

Below is generated by plot.py at 2017-08-29 15:09:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 54.277 ms

Loss rate: 0.00%

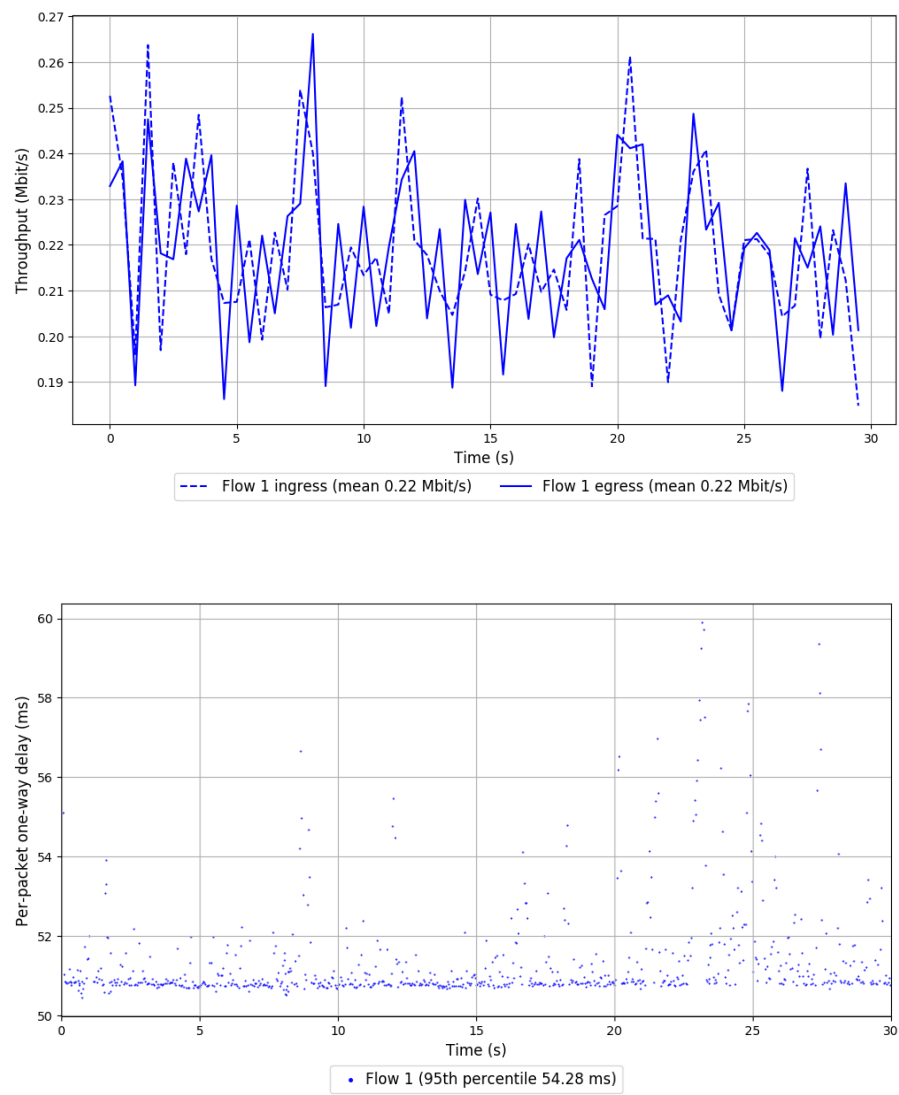
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 54.277 ms

Loss rate: 0.00%

Run 10: Report of SReAM — Data Link

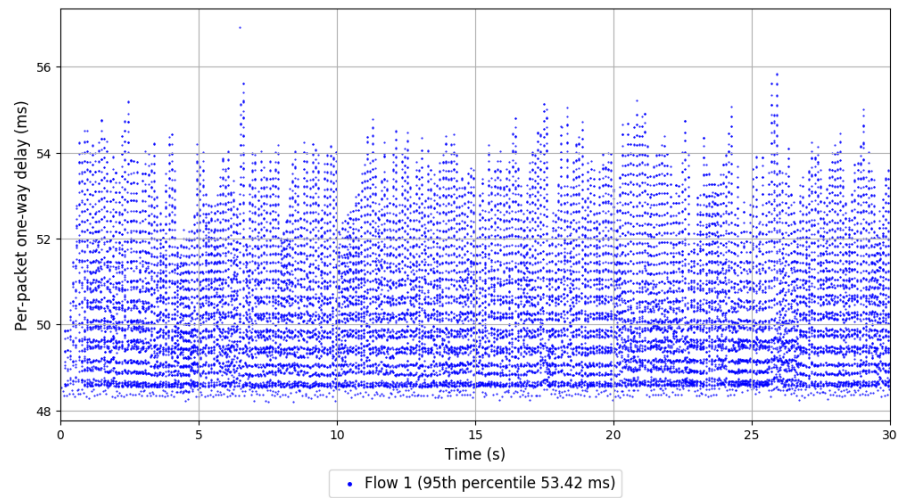
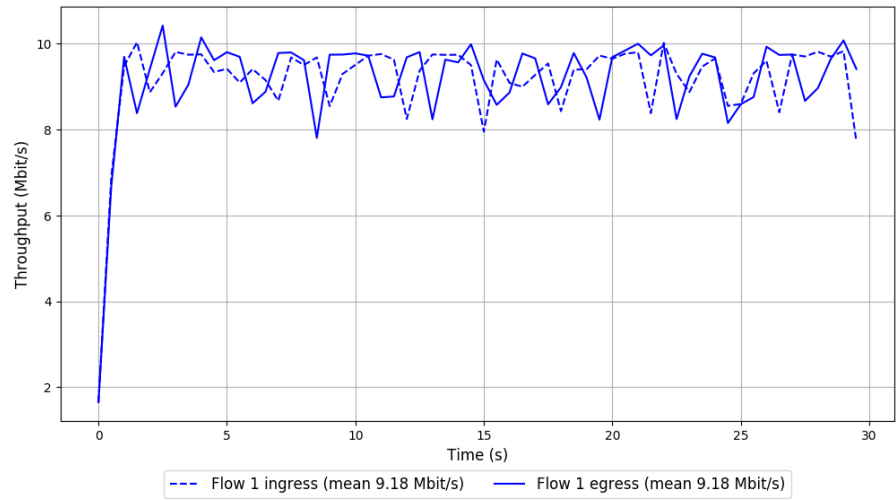


Run 1: Statistics of Sprout

Start at: 2017-08-29 11:07:21
End at: 2017-08-29 11:07:51
Local clock offset: 0.389 ms
Remote clock offset: -2.649 ms

Below is generated by plot.py at 2017-08-29 15:09:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.18 Mbit/s
95th percentile per-packet one-way delay: 53.416 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.18 Mbit/s
95th percentile per-packet one-way delay: 53.416 ms
Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

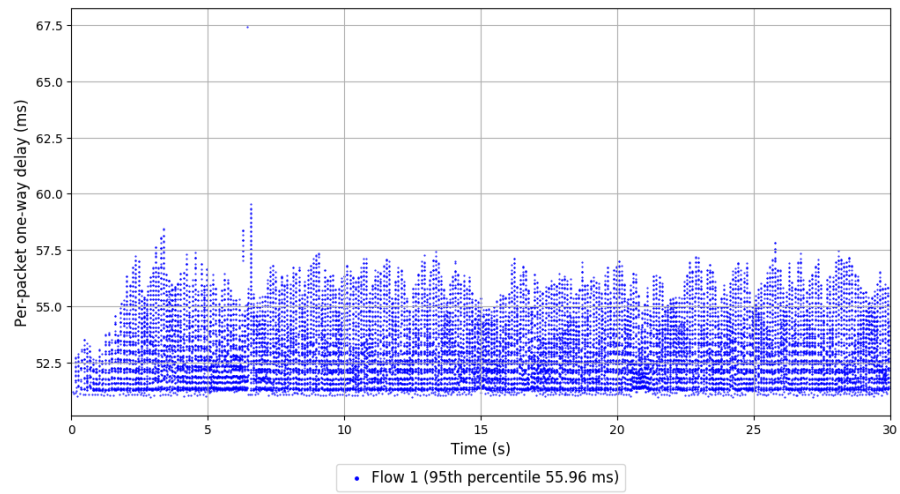
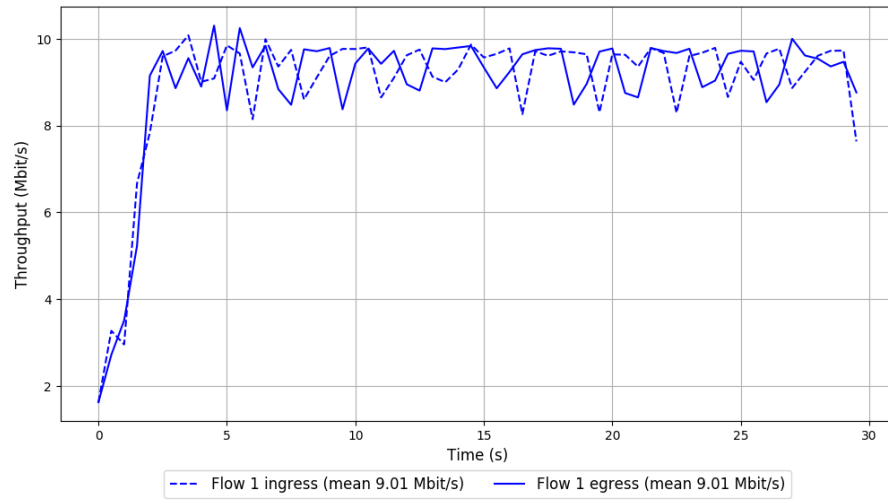


Run 2: Statistics of Sprout

Start at: 2017-08-29 11:27:27
End at: 2017-08-29 11:27:57
Local clock offset: 0.266 ms
Remote clock offset: -0.539 ms

Below is generated by plot.py at 2017-08-29 15:09:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.01 Mbit/s
95th percentile per-packet one-way delay: 55.958 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.01 Mbit/s
95th percentile per-packet one-way delay: 55.958 ms
Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

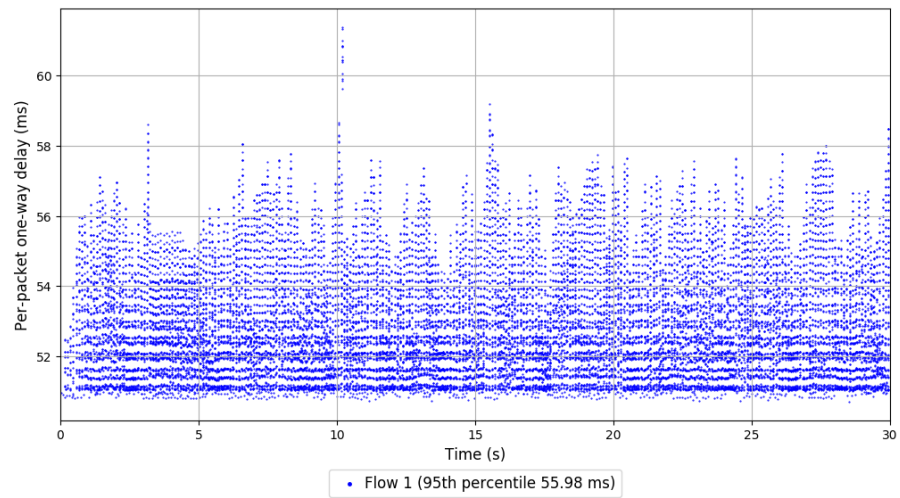
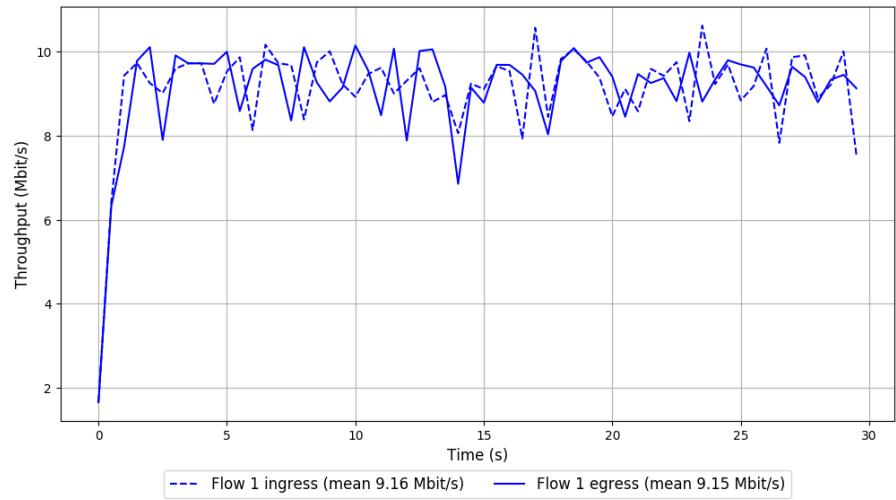


Run 3: Statistics of Sprout

Start at: 2017-08-29 11:47:48
End at: 2017-08-29 11:48:18
Local clock offset: 0.313 ms
Remote clock offset: -0.788 ms

Below is generated by plot.py at 2017-08-29 15:09:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.15 Mbit/s
95th percentile per-packet one-way delay: 55.984 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 9.15 Mbit/s
95th percentile per-packet one-way delay: 55.984 ms
Loss rate: 0.02%

Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

Start at: 2017-08-29 12:08:09

End at: 2017-08-29 12:08:39

Local clock offset: 0.197 ms

Remote clock offset: -3.58 ms

Below is generated by plot.py at 2017-08-29 15:09:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 8.97 Mbit/s

95th percentile per-packet one-way delay: 53.463 ms

Loss rate: 0.06%

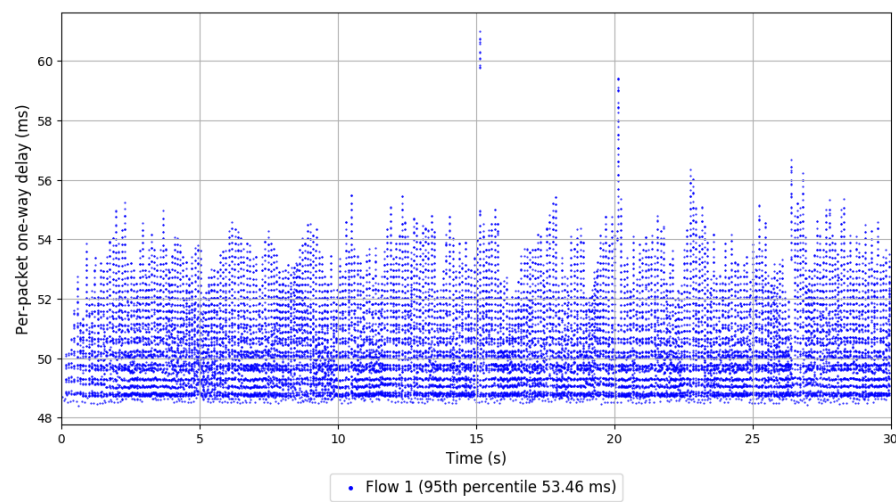
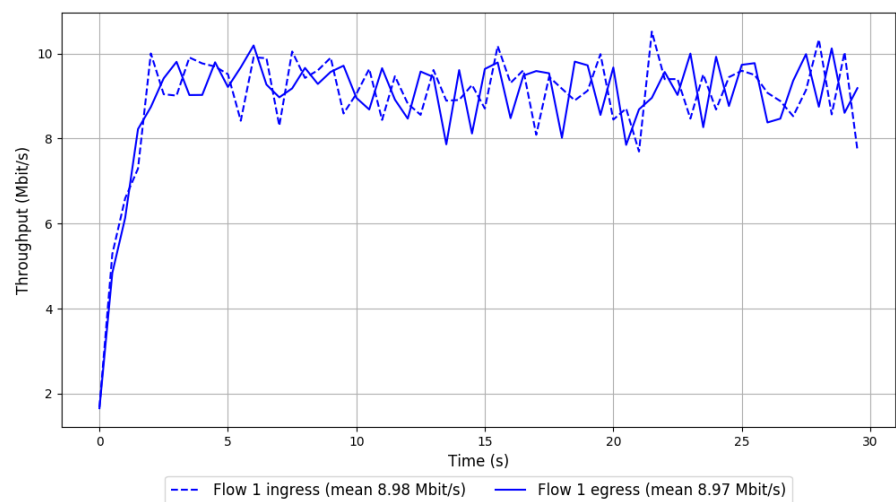
-- Flow 1:

Average throughput: 8.97 Mbit/s

95th percentile per-packet one-way delay: 53.463 ms

Loss rate: 0.06%

Run 4: Report of Sprout — Data Link

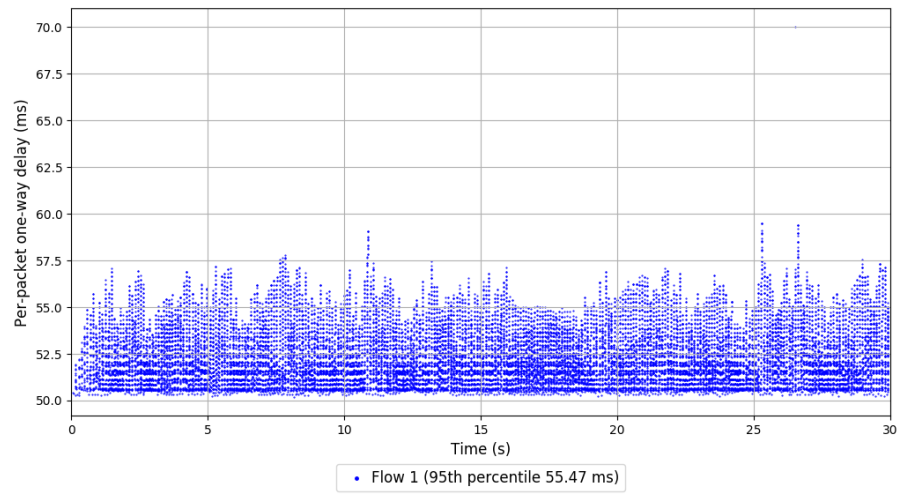
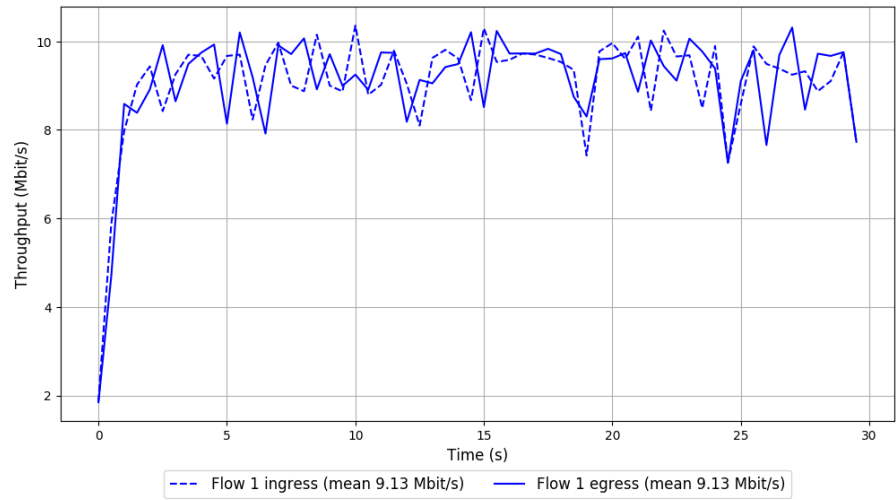


Run 5: Statistics of Sprout

Start at: 2017-08-29 12:28:20
End at: 2017-08-29 12:28:50
Local clock offset: 0.218 ms
Remote clock offset: -1.617 ms

Below is generated by plot.py at 2017-08-29 15:10:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.13 Mbit/s
95th percentile per-packet one-way delay: 55.465 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 9.13 Mbit/s
95th percentile per-packet one-way delay: 55.465 ms
Loss rate: 0.02%

Run 5: Report of Sprout — Data Link

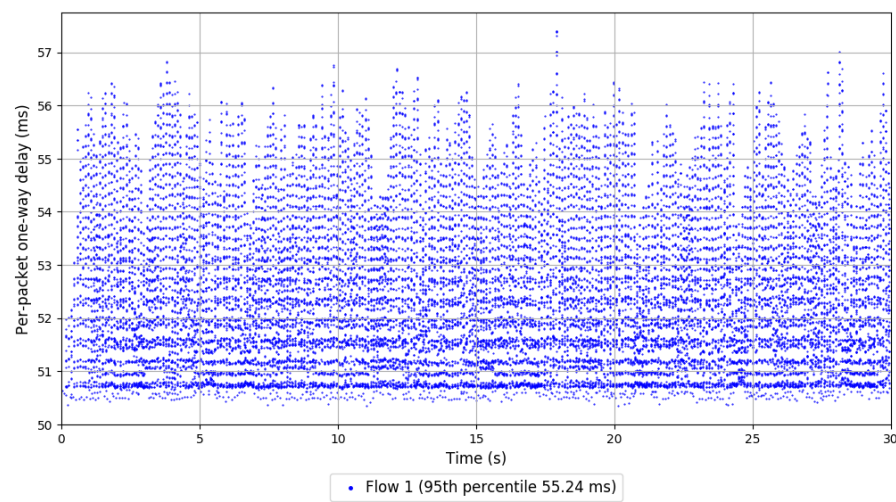
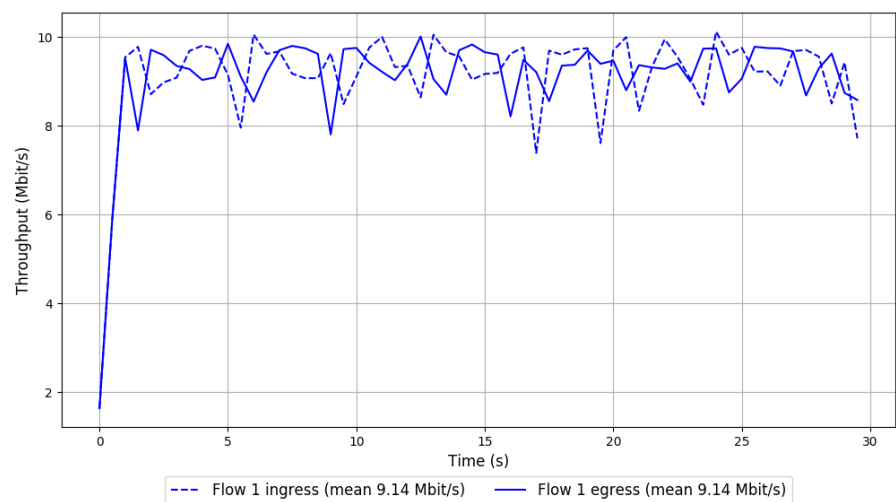


Run 6: Statistics of Sprout

Start at: 2017-08-29 12:48:34
End at: 2017-08-29 12:49:04
Local clock offset: 0.124 ms
Remote clock offset: -1.705 ms

Below is generated by plot.py at 2017-08-29 15:10:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.14 Mbit/s
95th percentile per-packet one-way delay: 55.238 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.14 Mbit/s
95th percentile per-packet one-way delay: 55.238 ms
Loss rate: 0.00%

Run 6: Report of Sprout — Data Link

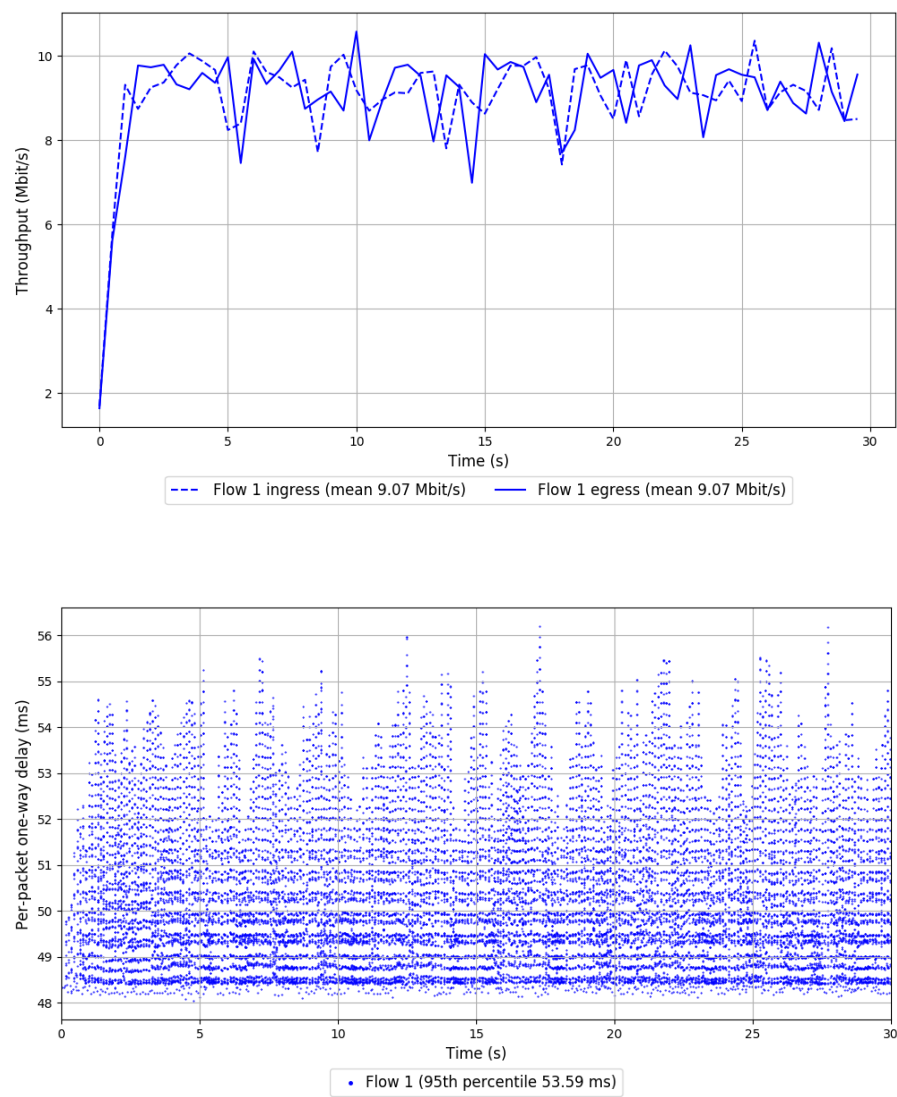


Run 7: Statistics of Sprout

Start at: 2017-08-29 13:08:44
End at: 2017-08-29 13:09:14
Local clock offset: 0.12 ms
Remote clock offset: -3.777 ms

Below is generated by plot.py at 2017-08-29 15:10:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.07 Mbit/s
95th percentile per-packet one-way delay: 53.585 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.07 Mbit/s
95th percentile per-packet one-way delay: 53.585 ms
Loss rate: 0.00%

Run 7: Report of Sprout — Data Link

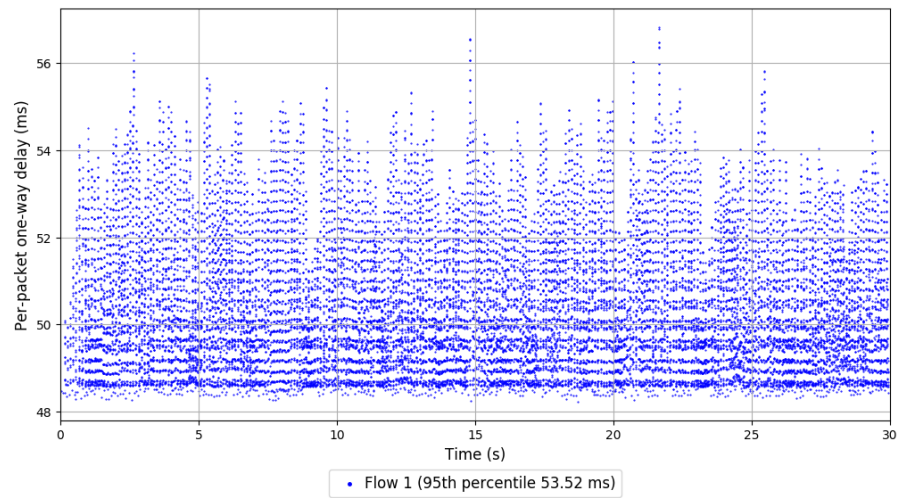
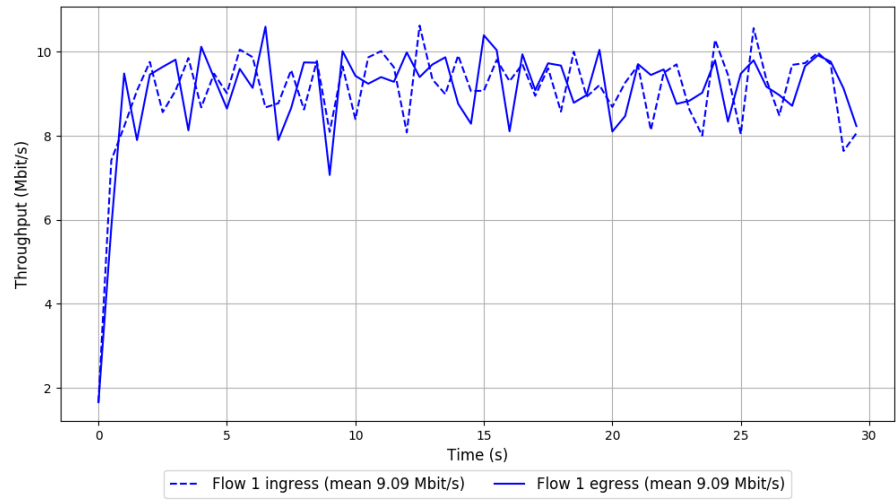


Run 8: Statistics of Sprout

Start at: 2017-08-29 13:28:58
End at: 2017-08-29 13:29:28
Local clock offset: 0.198 ms
Remote clock offset: -3.737 ms

Below is generated by plot.py at 2017-08-29 15:10:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.09 Mbit/s
95th percentile per-packet one-way delay: 53.516 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.09 Mbit/s
95th percentile per-packet one-way delay: 53.516 ms
Loss rate: 0.00%

Run 8: Report of Sprout — Data Link

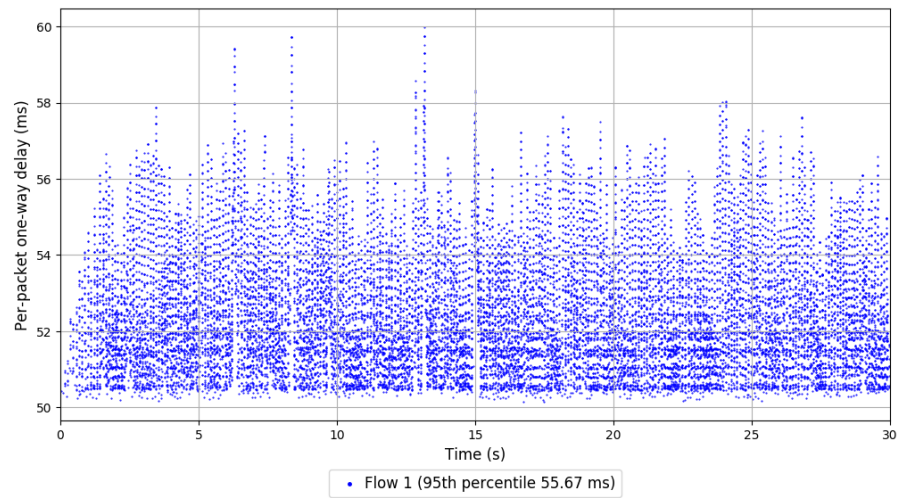
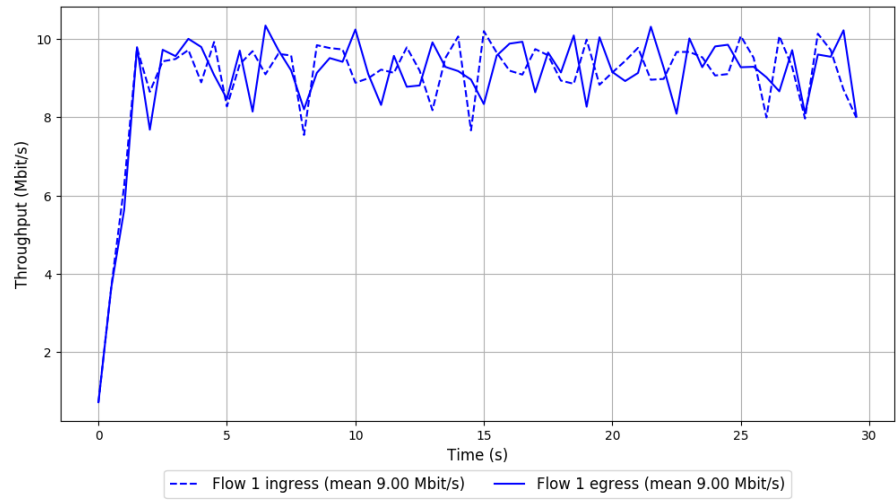


Run 9: Statistics of Sprout

Start at: 2017-08-29 13:49:08
End at: 2017-08-29 13:49:38
Local clock offset: 0.35 ms
Remote clock offset: -1.456 ms

Below is generated by plot.py at 2017-08-29 15:10:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.00 Mbit/s
95th percentile per-packet one-way delay: 55.667 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.00 Mbit/s
95th percentile per-packet one-way delay: 55.667 ms
Loss rate: 0.00%

Run 9: Report of Sprout — Data Link

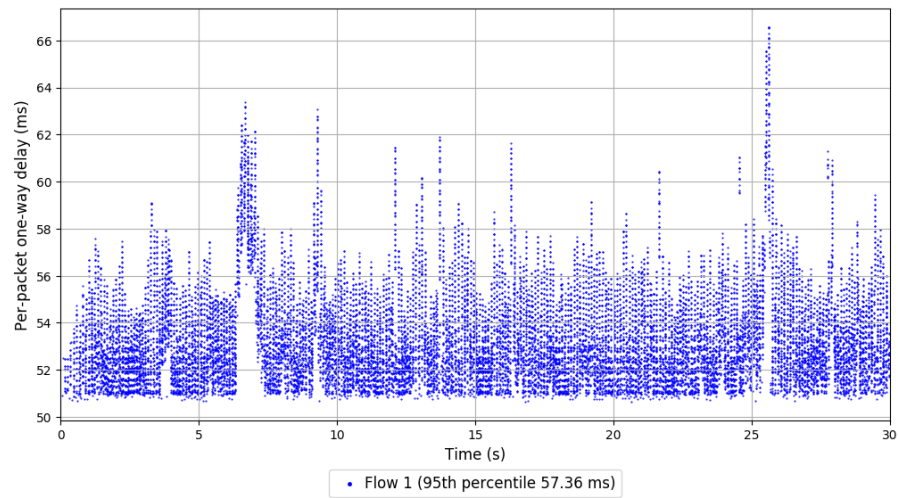
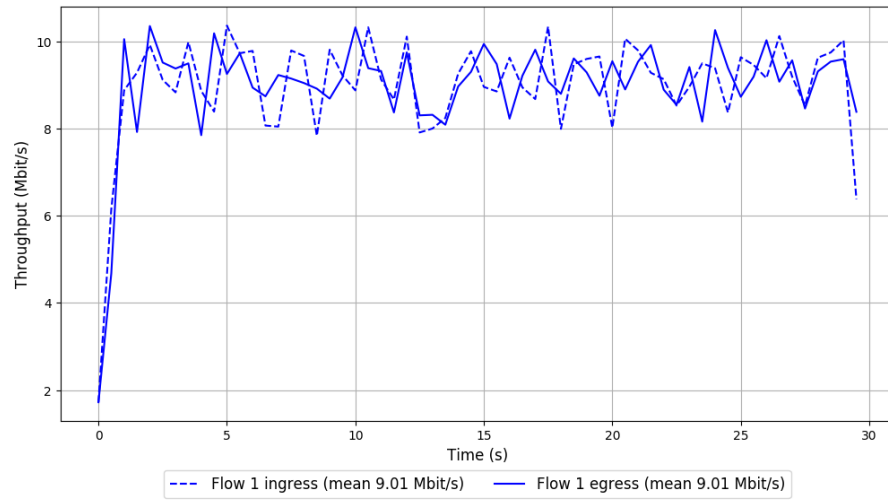


Run 10: Statistics of Sprout

Start at: 2017-08-29 14:09:18
End at: 2017-08-29 14:09:48
Local clock offset: 0.312 ms
Remote clock offset: -0.869 ms

Below is generated by plot.py at 2017-08-29 15:10:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.01 Mbit/s
95th percentile per-packet one-way delay: 57.357 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.01 Mbit/s
95th percentile per-packet one-way delay: 57.357 ms
Loss rate: 0.00%

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: 2017-08-29 11:04:39

End at: 2017-08-29 11:05:09

Local clock offset: 0.34 ms

Remote clock offset: -0.527 ms

Below is generated by plot.py at 2017-08-29 15:10:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.24 Mbit/s

95th percentile per-packet one-way delay: 69.849 ms

Loss rate: 0.17%

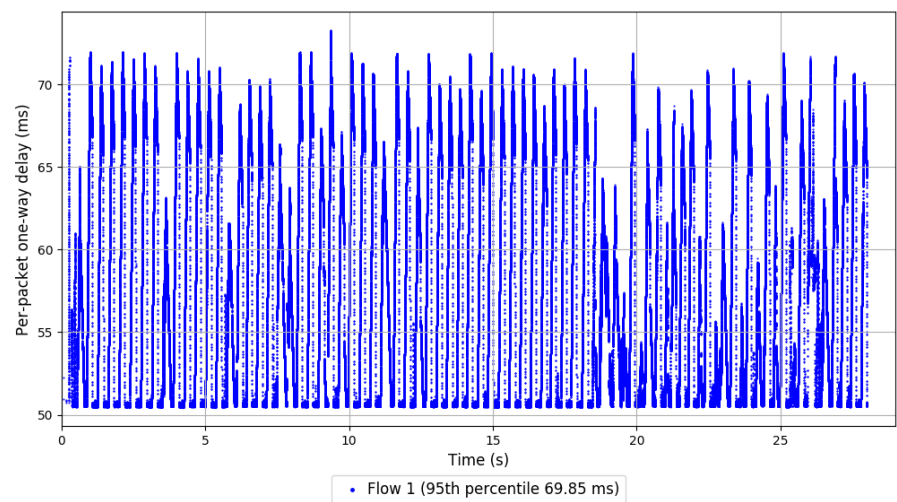
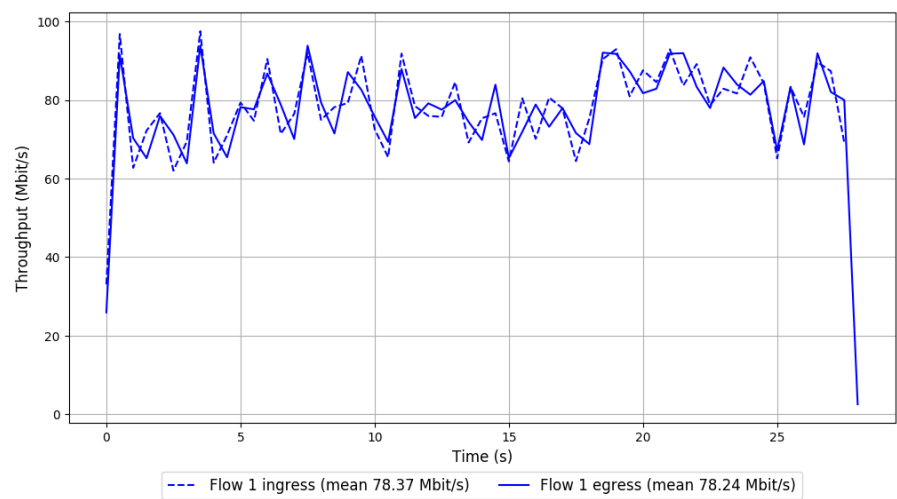
-- Flow 1:

Average throughput: 78.24 Mbit/s

95th percentile per-packet one-way delay: 69.849 ms

Loss rate: 0.17%

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



Run 2: Statistics of TaoVA-100x

Start at: 2017-08-29 11:24:45

End at: 2017-08-29 11:25:15

Local clock offset: 0.361 ms

Remote clock offset: -0.939 ms

Below is generated by plot.py at 2017-08-29 15:10:25

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.58 Mbit/s

95th percentile per-packet one-way delay: 70.051 ms

Loss rate: 0.02%

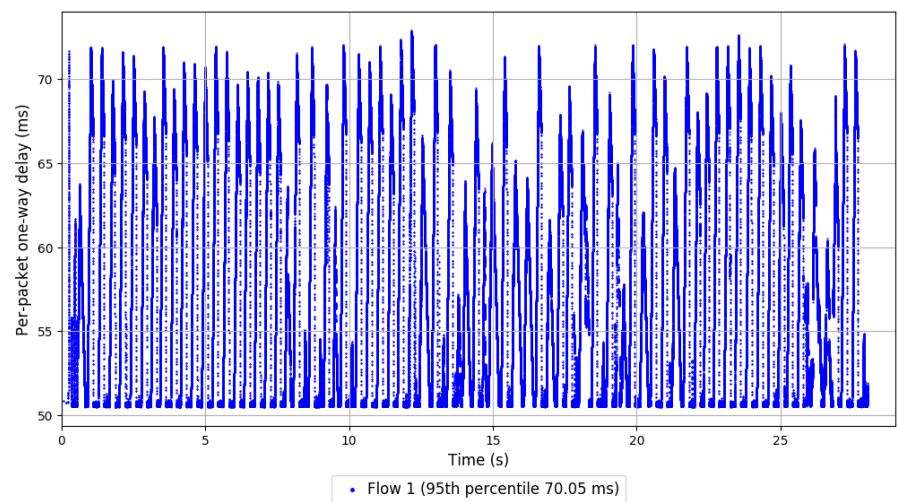
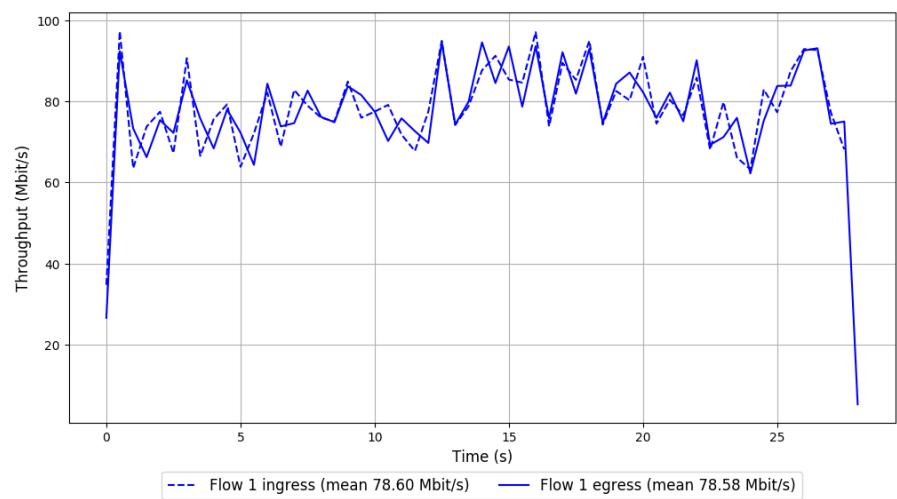
-- Flow 1:

Average throughput: 78.58 Mbit/s

95th percentile per-packet one-way delay: 70.051 ms

Loss rate: 0.02%

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



Run 3: Statistics of TaoVA-100x

Start at: 2017-08-29 11:45:06

End at: 2017-08-29 11:45:36

Local clock offset: 0.334 ms

Remote clock offset: -3.459 ms

Below is generated by plot.py at 2017-08-29 15:10:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.39 Mbit/s

95th percentile per-packet one-way delay: 67.837 ms

Loss rate: 0.18%

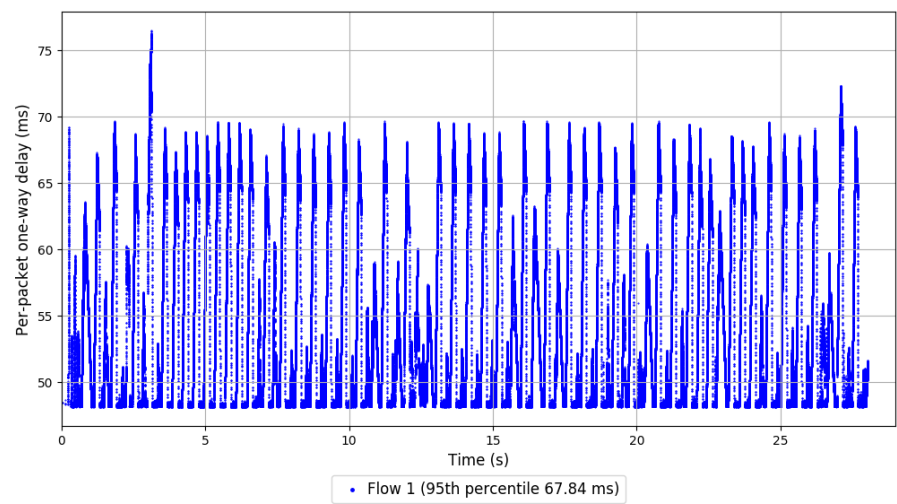
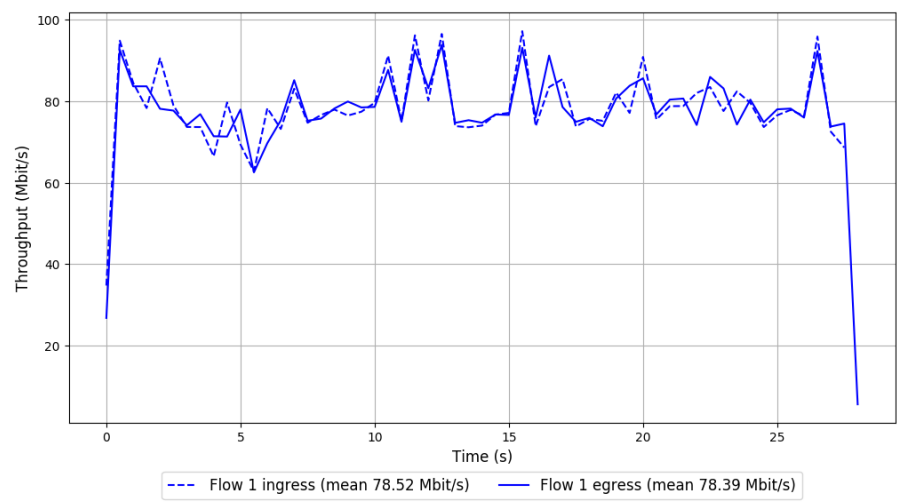
-- Flow 1:

Average throughput: 78.39 Mbit/s

95th percentile per-packet one-way delay: 67.837 ms

Loss rate: 0.18%

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



Run 4: Statistics of TaoVA-100x

Start at: 2017-08-29 12:05:26

End at: 2017-08-29 12:05:56

Local clock offset: 0.297 ms

Remote clock offset: -3.657 ms

Below is generated by plot.py at 2017-08-29 15:10:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.88 Mbit/s

95th percentile per-packet one-way delay: 67.305 ms

Loss rate: 0.09%

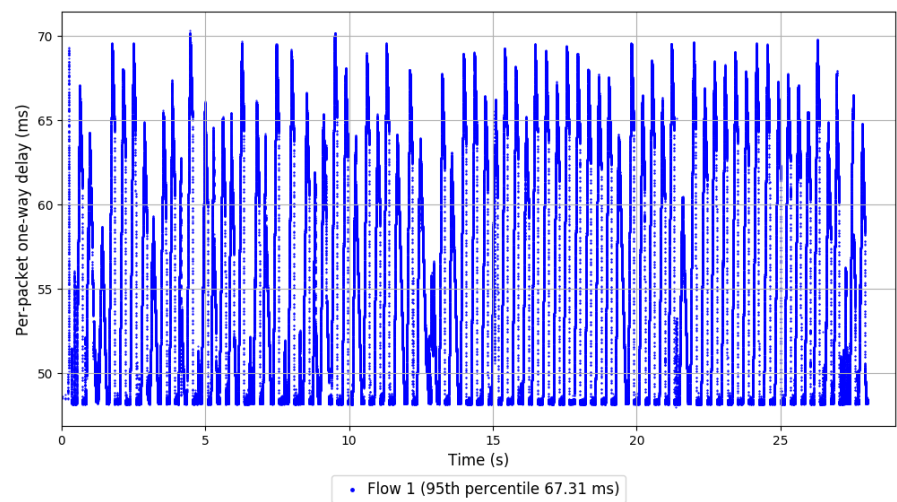
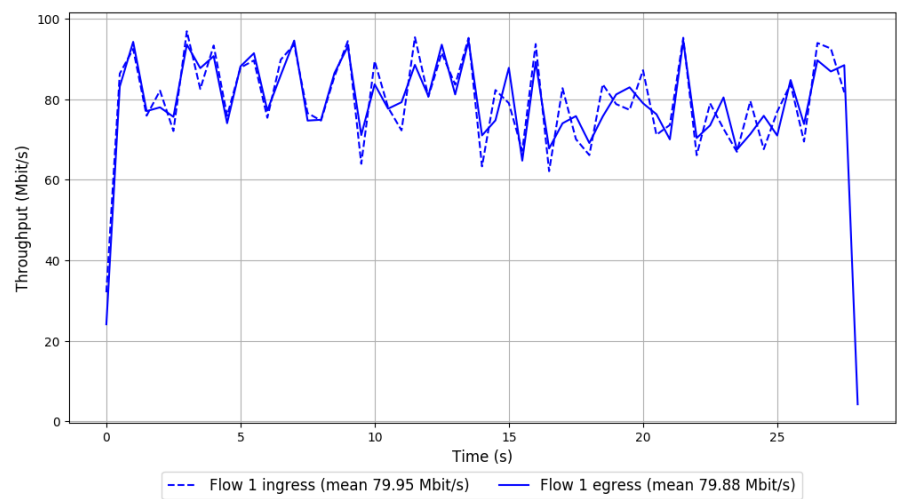
-- Flow 1:

Average throughput: 79.88 Mbit/s

95th percentile per-packet one-way delay: 67.305 ms

Loss rate: 0.09%

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



Run 5: Statistics of TaoVA-100x

Start at: 2017-08-29 12:25:37

End at: 2017-08-29 12:26:07

Local clock offset: 0.232 ms

Remote clock offset: -1.664 ms

Below is generated by plot.py at 2017-08-29 15:10:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.33 Mbit/s

95th percentile per-packet one-way delay: 69.847 ms

Loss rate: 0.02%

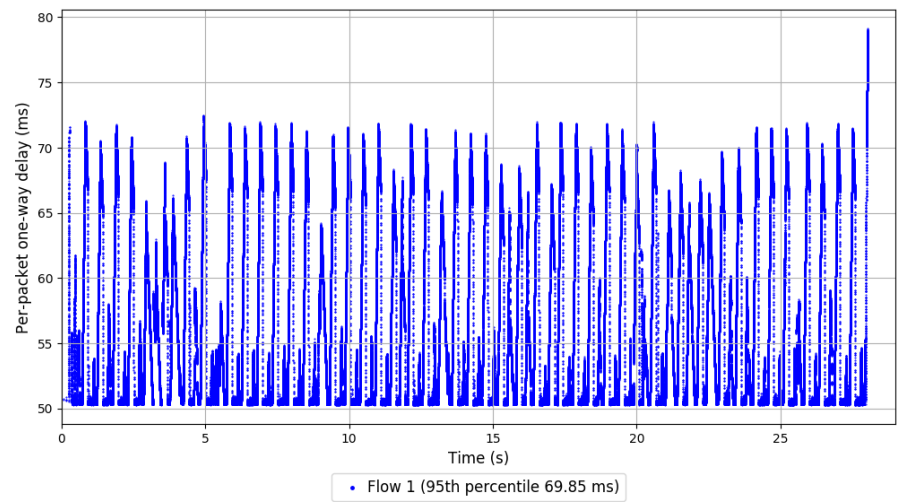
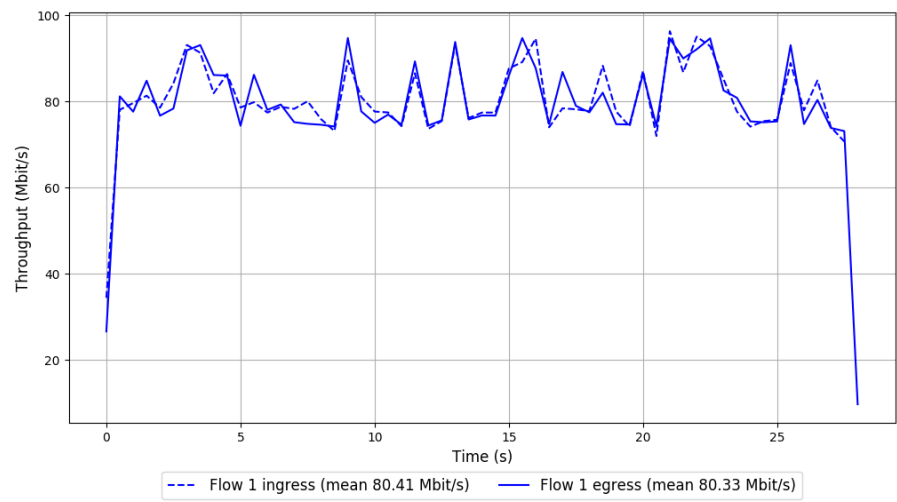
-- Flow 1:

Average throughput: 80.33 Mbit/s

95th percentile per-packet one-way delay: 69.847 ms

Loss rate: 0.02%

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



Run 6: Statistics of TaoVA-100x

Start at: 2017-08-29 12:45:51

End at: 2017-08-29 12:46:21

Local clock offset: 0.156 ms

Remote clock offset: -1.25 ms

Below is generated by plot.py at 2017-08-29 15:11:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.28 Mbit/s

95th percentile per-packet one-way delay: 69.890 ms

Loss rate: 0.15%

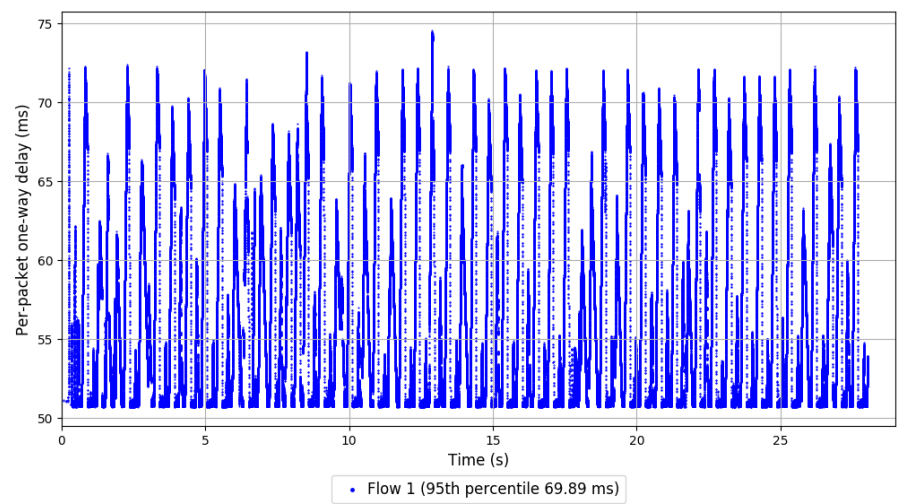
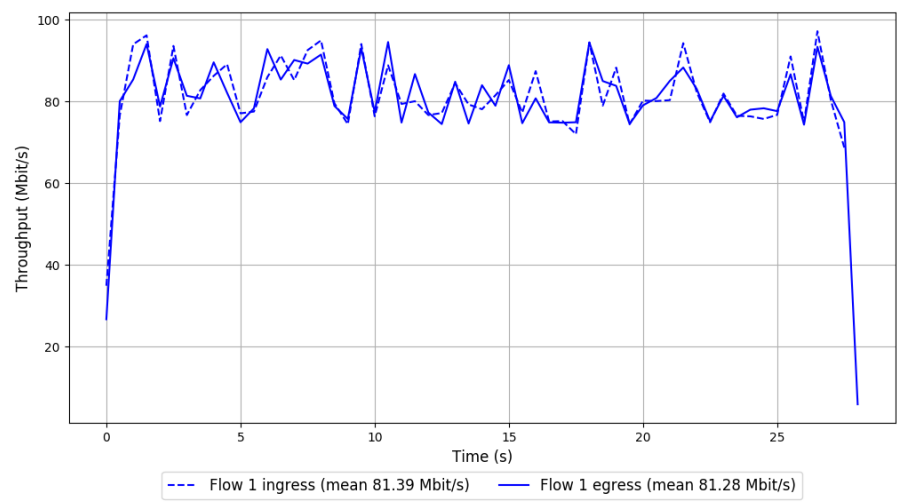
-- Flow 1:

Average throughput: 81.28 Mbit/s

95th percentile per-packet one-way delay: 69.890 ms

Loss rate: 0.15%

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



Run 7: Statistics of TaoVA-100x

Start at: 2017-08-29 13:06:02

End at: 2017-08-29 13:06:32

Local clock offset: 0.23 ms

Remote clock offset: -3.684 ms

Below is generated by plot.py at 2017-08-29 15:11:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.67 Mbit/s

95th percentile per-packet one-way delay: 68.470 ms

Loss rate: 0.00%

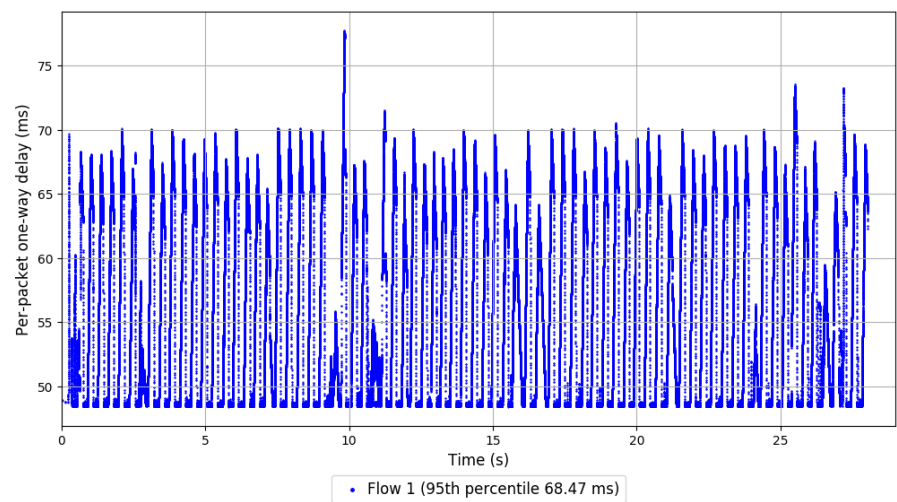
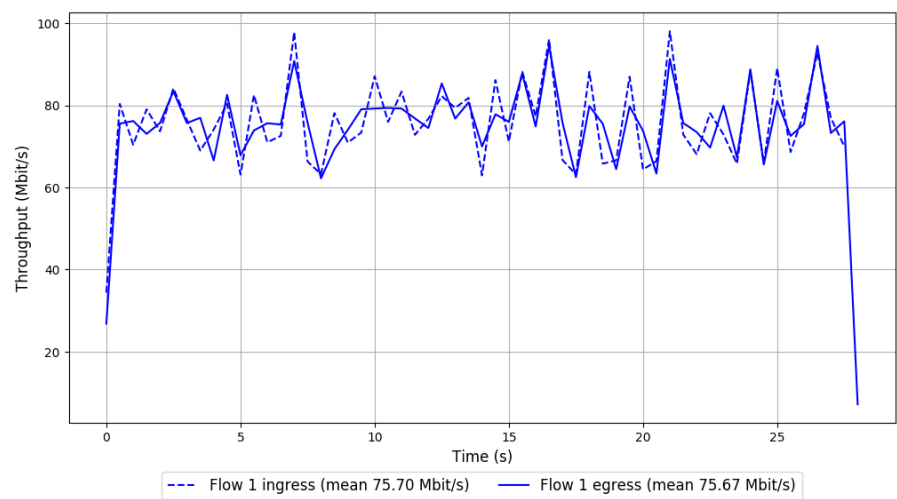
-- Flow 1:

Average throughput: 75.67 Mbit/s

95th percentile per-packet one-way delay: 68.470 ms

Loss rate: 0.00%

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



Run 8: Statistics of TaoVA-100x

Start at: 2017-08-29 13:26:16

End at: 2017-08-29 13:26:46

Local clock offset: 0.279 ms

Remote clock offset: -3.639 ms

Below is generated by plot.py at 2017-08-29 15:11:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.92 Mbit/s

95th percentile per-packet one-way delay: 66.253 ms

Loss rate: 0.14%

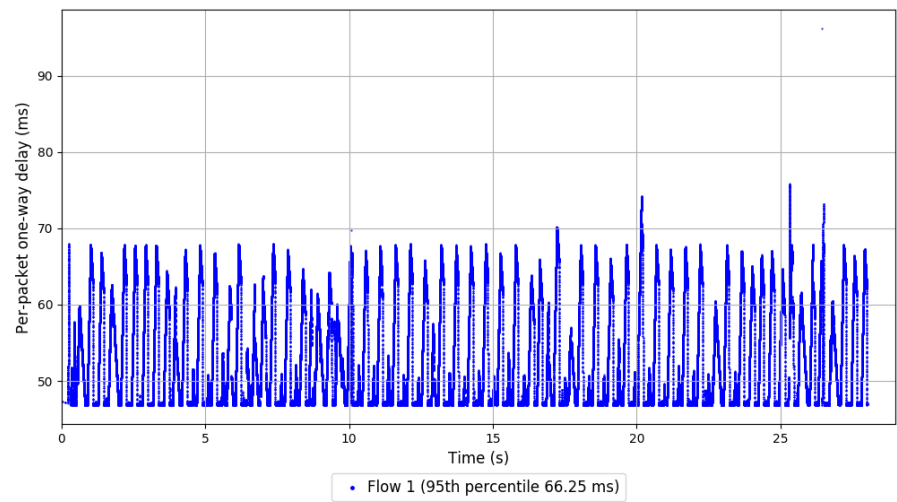
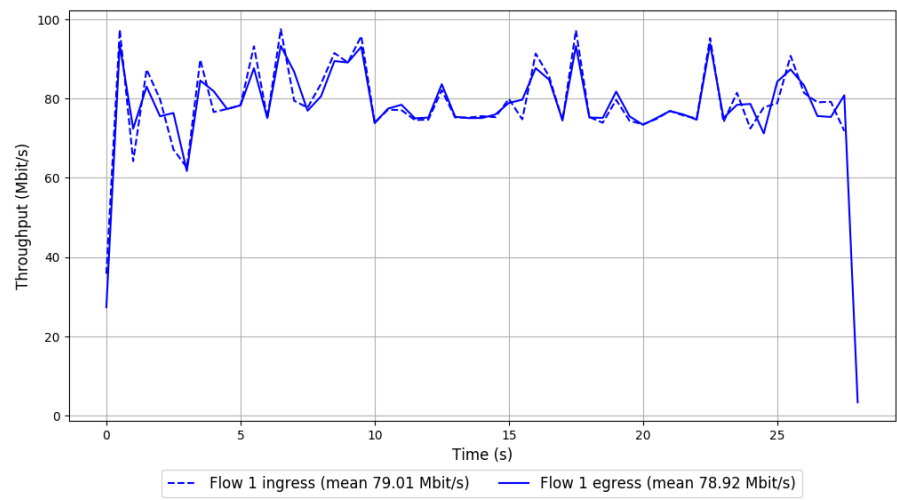
-- Flow 1:

Average throughput: 78.92 Mbit/s

95th percentile per-packet one-way delay: 66.253 ms

Loss rate: 0.14%

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



Run 9: Statistics of TaoVA-100x

Start at: 2017-08-29 13:46:26

End at: 2017-08-29 13:46:57

Local clock offset: 0.249 ms

Remote clock offset: -3.564 ms

Below is generated by plot.py at 2017-08-29 15:11:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.38 Mbit/s

95th percentile per-packet one-way delay: 67.224 ms

Loss rate: 0.13%

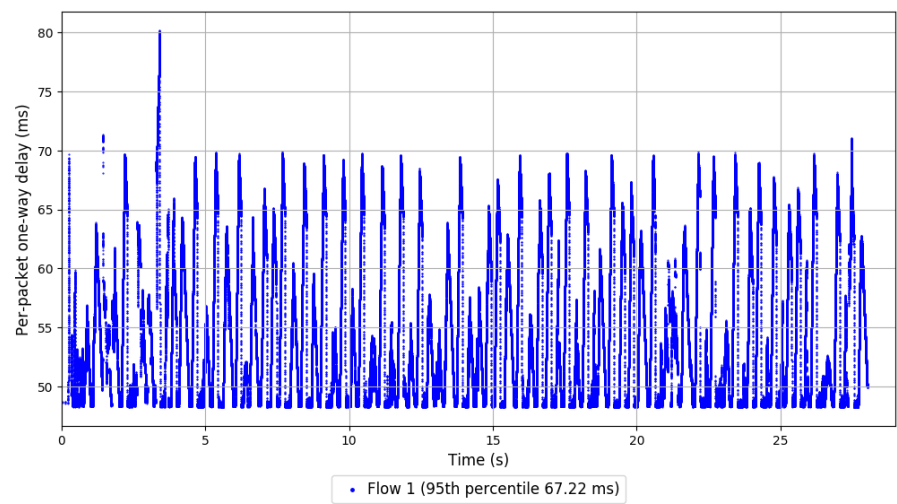
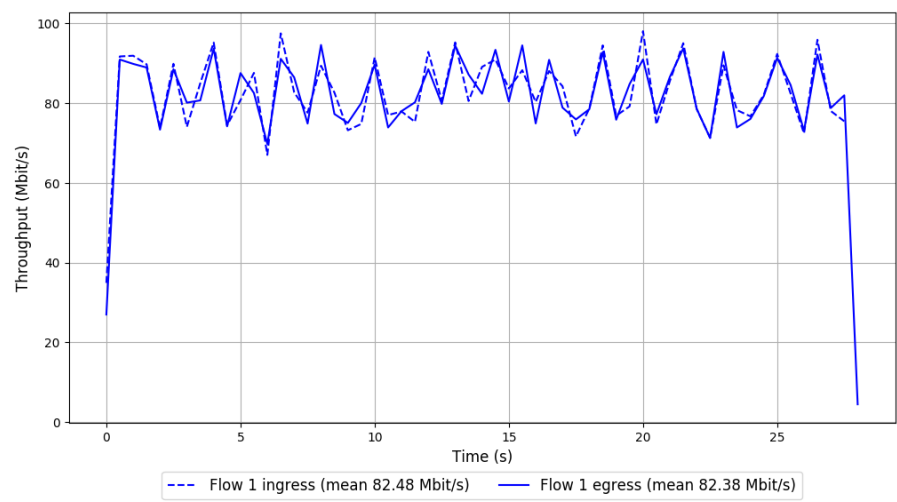
-- Flow 1:

Average throughput: 82.38 Mbit/s

95th percentile per-packet one-way delay: 67.224 ms

Loss rate: 0.13%

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



Run 10: Statistics of TaoVA-100x

Start at: 2017-08-29 14:06:36

End at: 2017-08-29 14:07:06

Local clock offset: 0.3 ms

Remote clock offset: -5.818 ms

Below is generated by plot.py at 2017-08-29 15:11:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.32 Mbit/s

95th percentile per-packet one-way delay: 63.993 ms

Loss rate: 0.08%

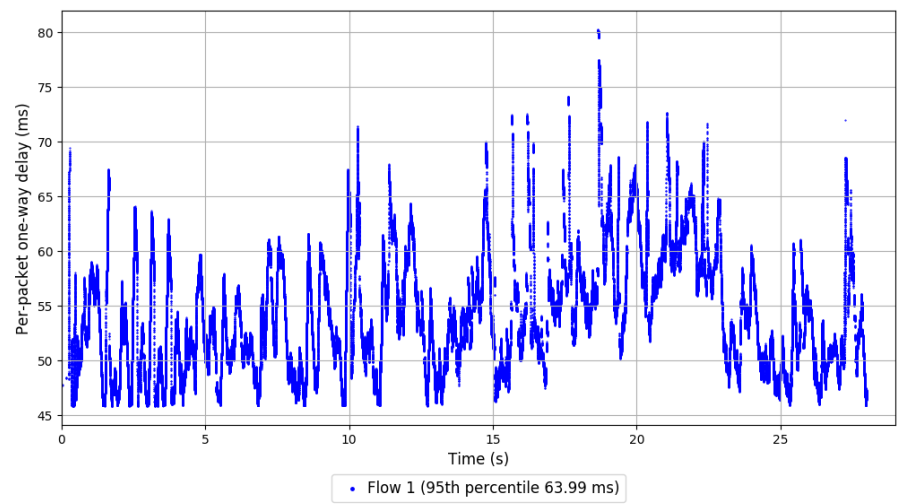
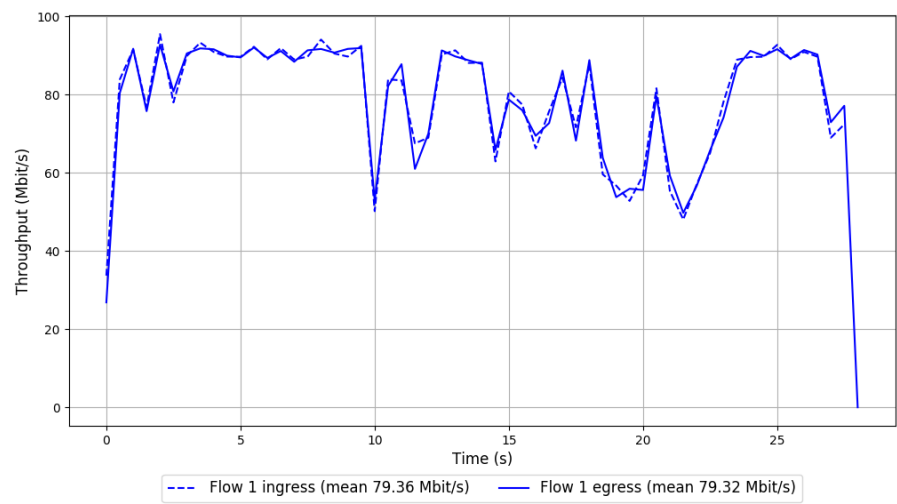
-- Flow 1:

Average throughput: 79.32 Mbit/s

95th percentile per-packet one-way delay: 63.993 ms

Loss rate: 0.08%

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



Run 1: Statistics of TCP Vegas

Start at: 2017-08-29 11:18:03

End at: 2017-08-29 11:18:33

Local clock offset: 0.398 ms

Remote clock offset: -3.004 ms

Below is generated by plot.py at 2017-08-29 15:11:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.05 Mbit/s

95th percentile per-packet one-way delay: 72.191 ms

Loss rate: 0.66%

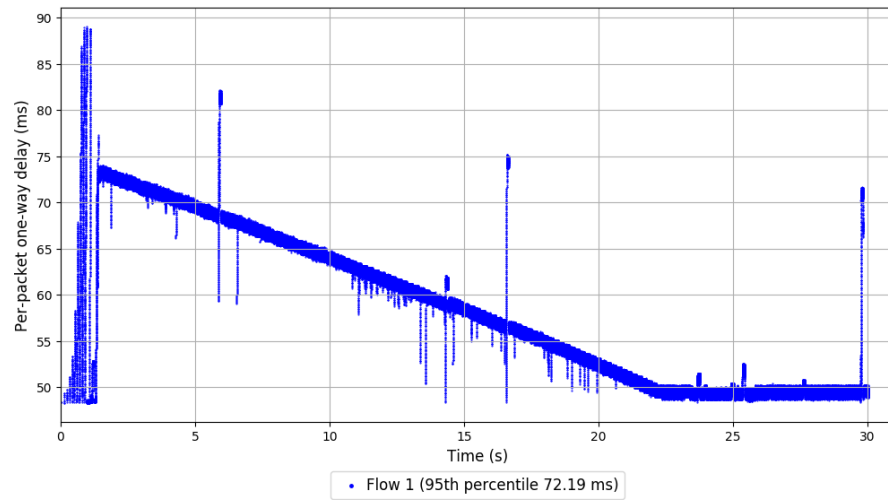
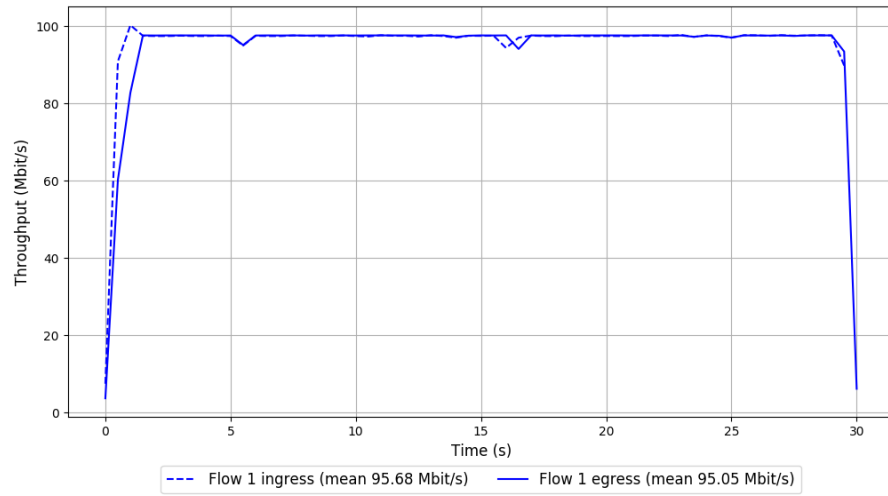
-- Flow 1:

Average throughput: 95.05 Mbit/s

95th percentile per-packet one-way delay: 72.191 ms

Loss rate: 0.66%

Run 1: Report of TCP Vegas — Data Link

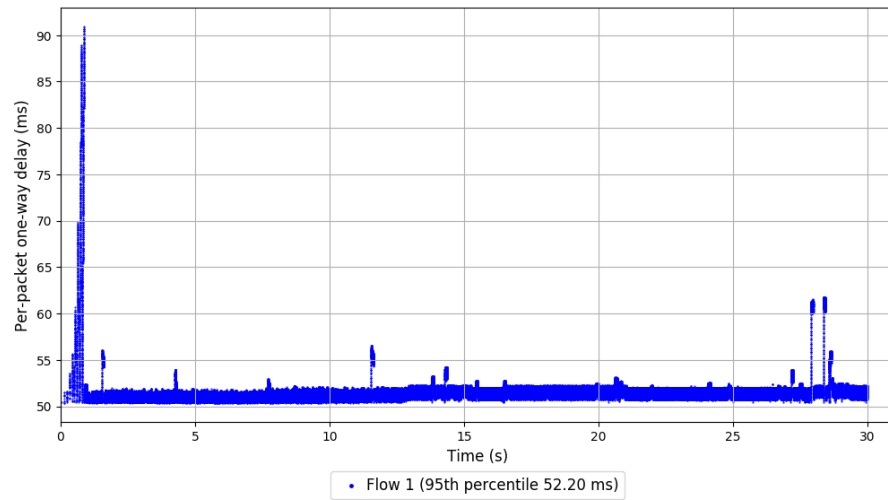
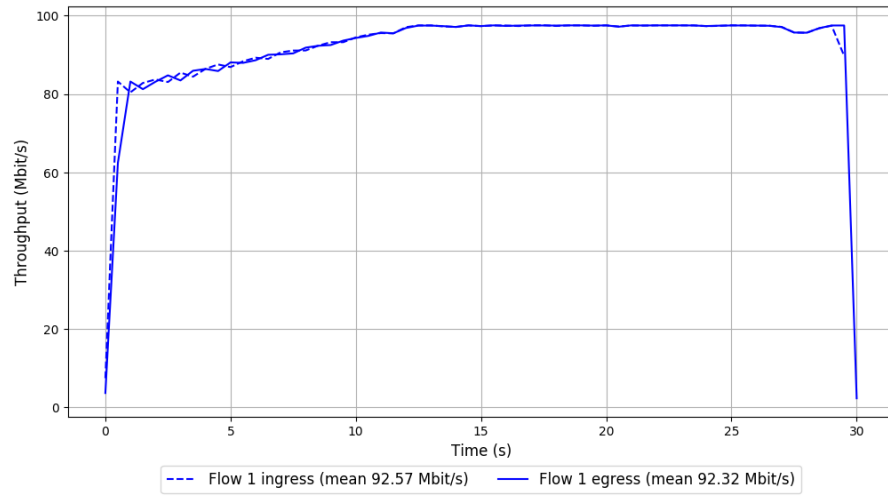


Run 2: Statistics of TCP Vegas

Start at: 2017-08-29 11:38:16
End at: 2017-08-29 11:38:46
Local clock offset: 0.351 ms
Remote clock offset: -1.392 ms

Below is generated by plot.py at 2017-08-29 15:11:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.32 Mbit/s
95th percentile per-packet one-way delay: 52.195 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 92.32 Mbit/s
95th percentile per-packet one-way delay: 52.195 ms
Loss rate: 0.26%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: 2017-08-29 11:58:39

End at: 2017-08-29 11:59:09

Local clock offset: 0.301 ms

Remote clock offset: -3.47 ms

Below is generated by plot.py at 2017-08-29 15:11:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 60.52 Mbit/s

95th percentile per-packet one-way delay: 49.689 ms

Loss rate: 0.02%

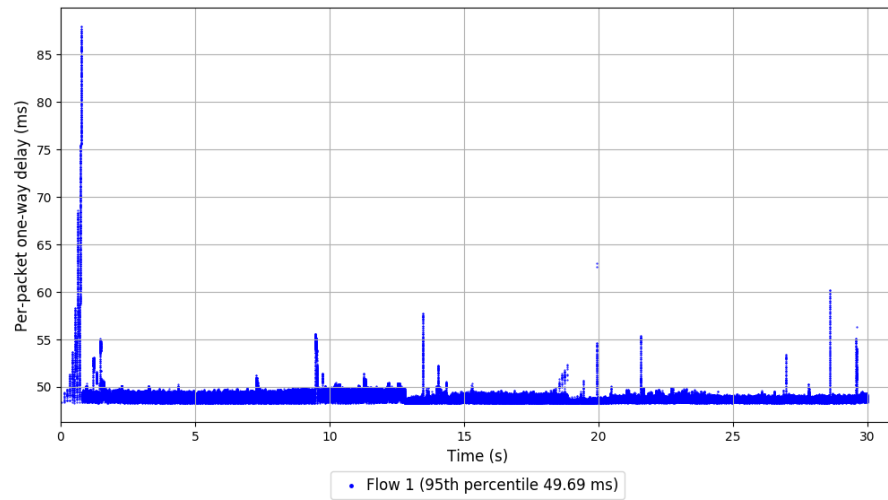
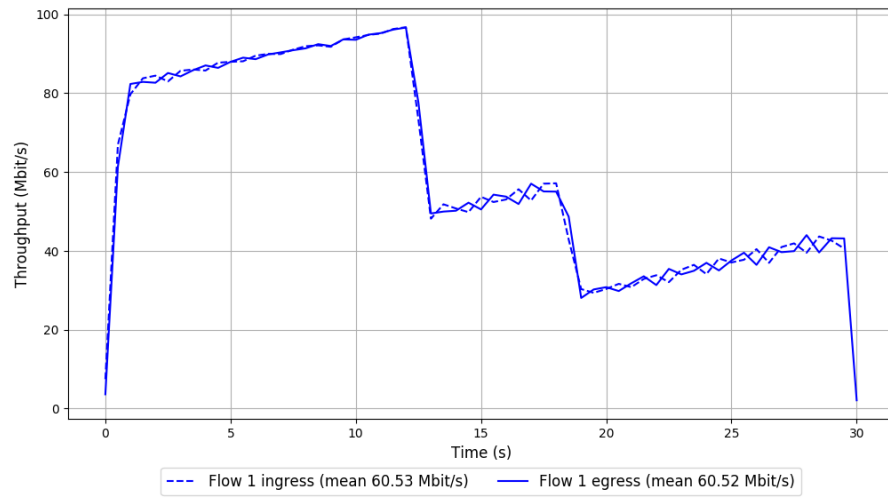
-- Flow 1:

Average throughput: 60.52 Mbit/s

95th percentile per-packet one-way delay: 49.689 ms

Loss rate: 0.02%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

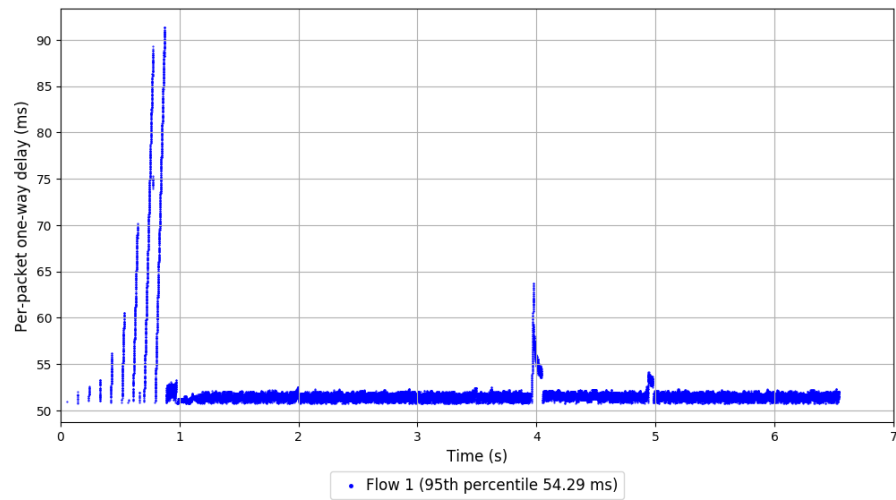
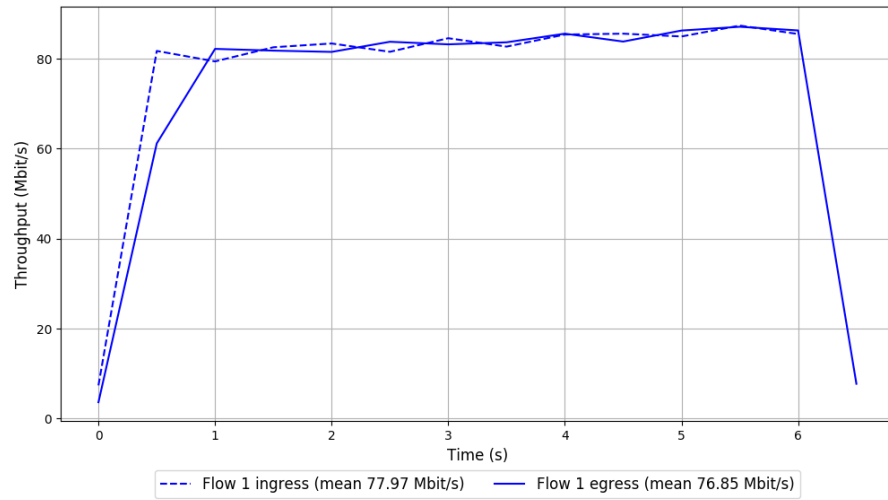
Start at: 2017-08-29 12:18:59

End at: 2017-08-29 12:19:29

Local clock offset: 0.265 ms

Remote clock offset: -1.181 ms

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

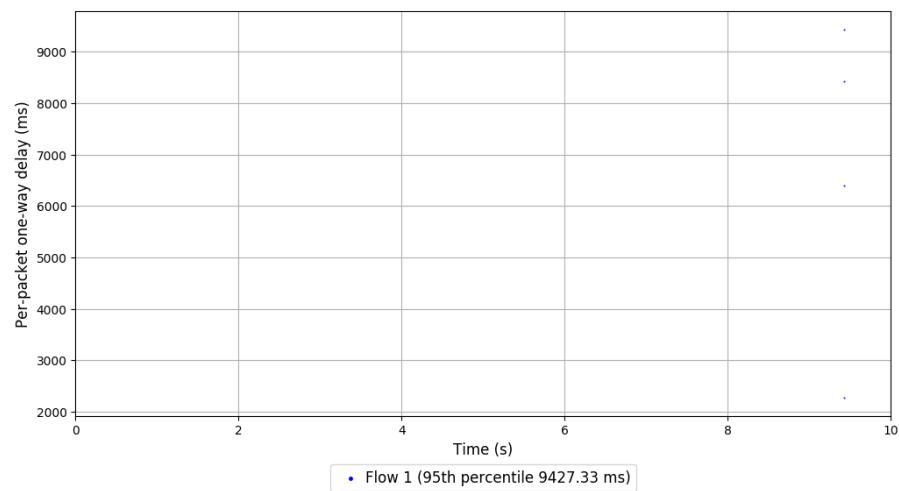
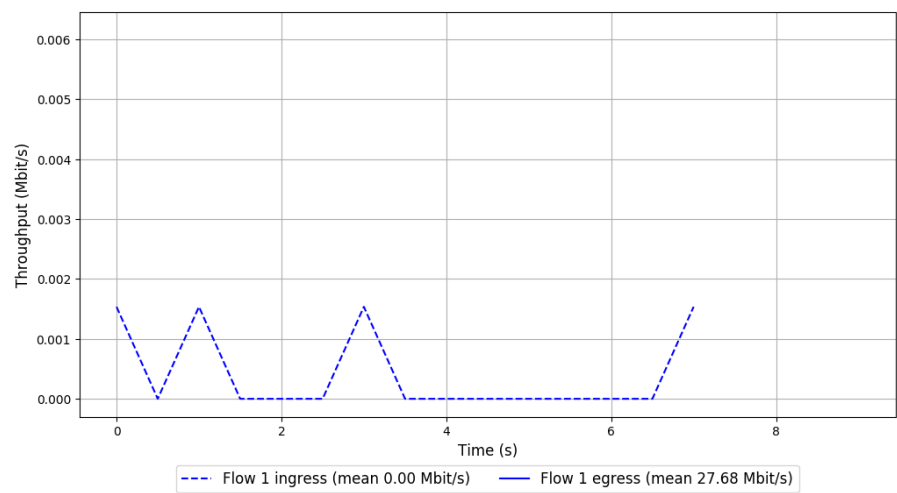
Start at: 2017-08-29 12:39:10

End at: 2017-08-29 12:39:40

Local clock offset: 0.235 ms

Remote clock offset: -1.225 ms

Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

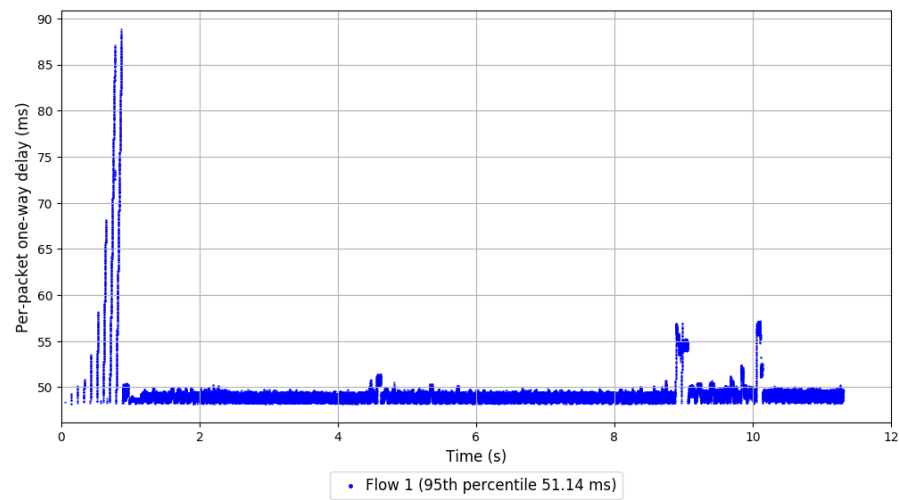
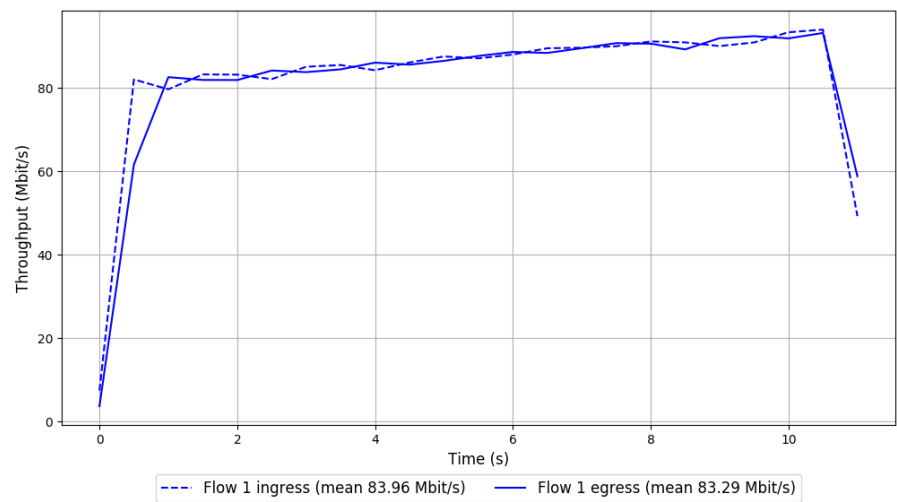
Start at: 2017-08-29 12:59:16

End at: 2017-08-29 12:59:46

Local clock offset: 0.121 ms

Remote clock offset: -3.769 ms

Run 6: Report of TCP Vegas — Data Link

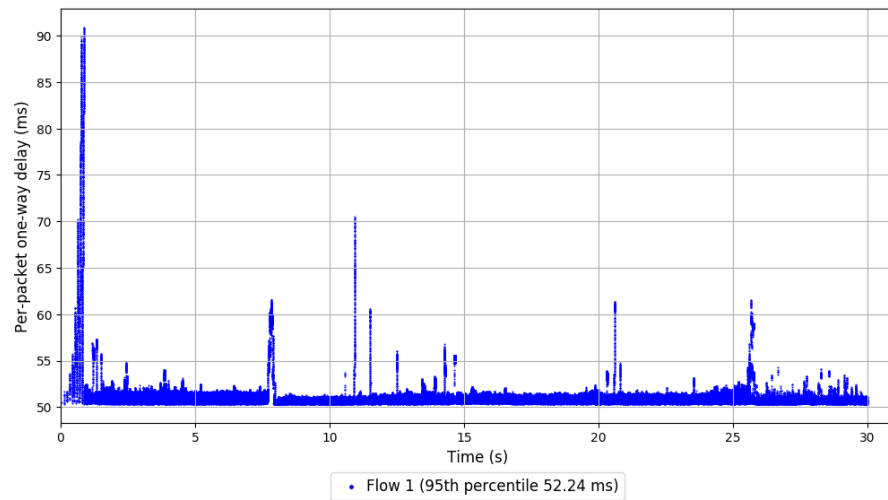
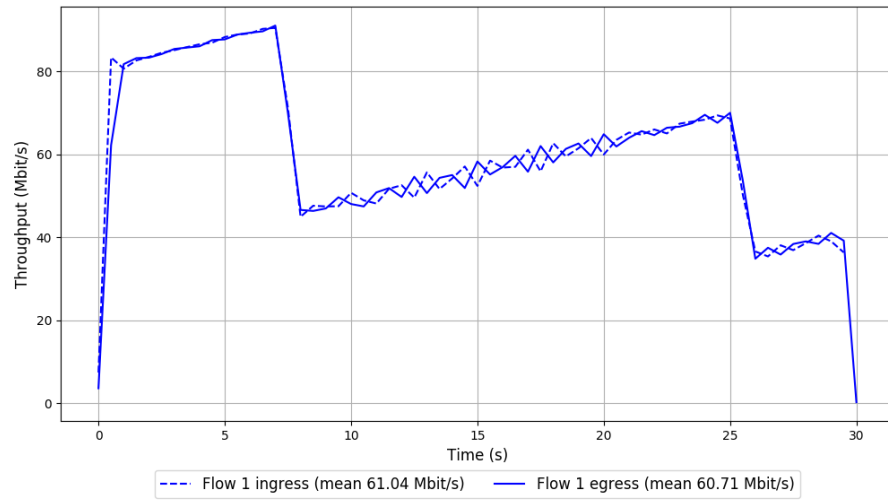


Run 7: Statistics of TCP Vegas

Start at: 2017-08-29 13:19:36
End at: 2017-08-29 13:20:06
Local clock offset: 0.179 ms
Remote clock offset: -1.592 ms

Below is generated by plot.py at 2017-08-29 15:12:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 60.71 Mbit/s
95th percentile per-packet one-way delay: 52.238 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 60.71 Mbit/s
95th percentile per-packet one-way delay: 52.238 ms
Loss rate: 0.54%

Run 7: Report of TCP Vegas — Data Link

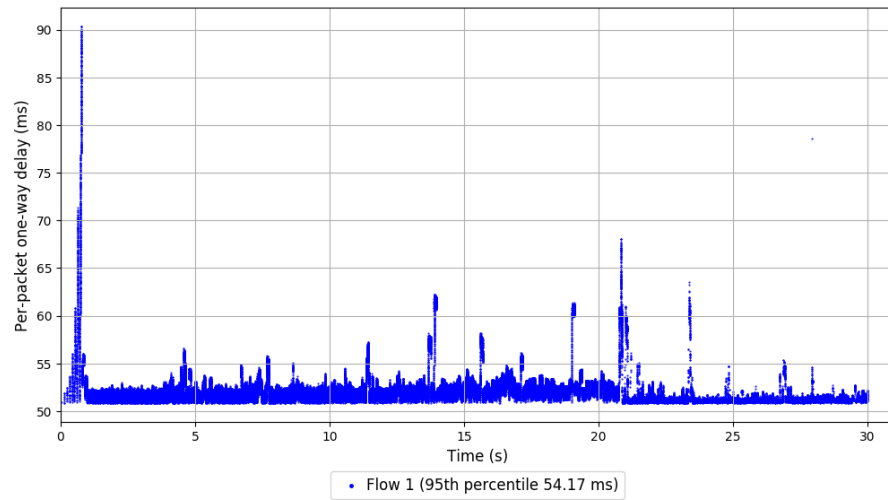
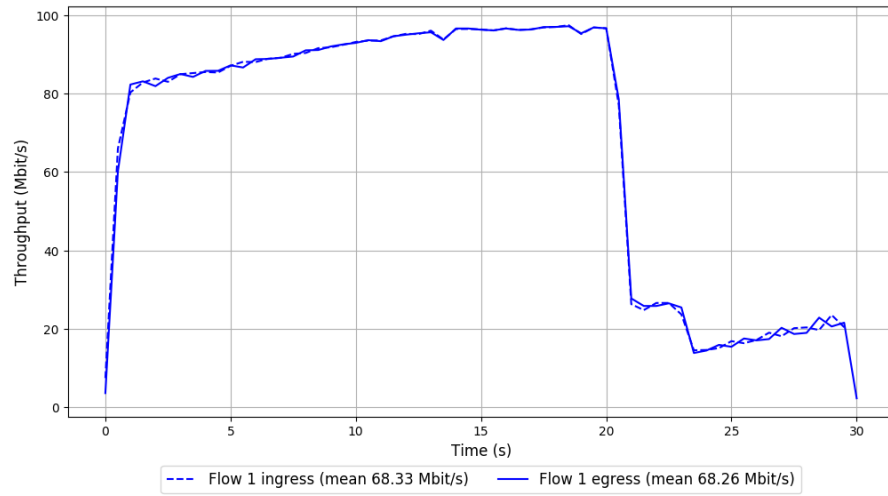


Run 8: Statistics of TCP Vegas

Start at: 2017-08-29 13:39:46
End at: 2017-08-29 13:40:16
Local clock offset: 0.226 ms
Remote clock offset: -1.033 ms

Below is generated by plot.py at 2017-08-29 15:12:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 68.26 Mbit/s
95th percentile per-packet one-way delay: 54.171 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 68.26 Mbit/s
95th percentile per-packet one-way delay: 54.171 ms
Loss rate: 0.10%

Run 8: Report of TCP Vegas — Data Link

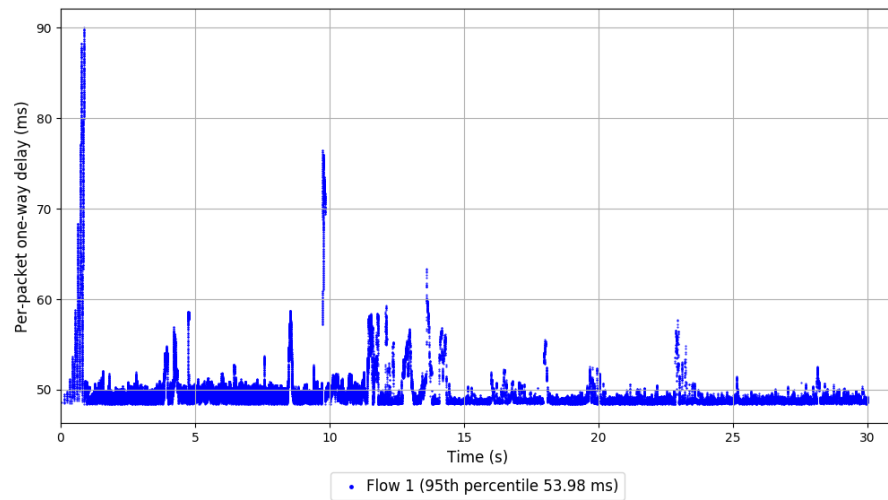
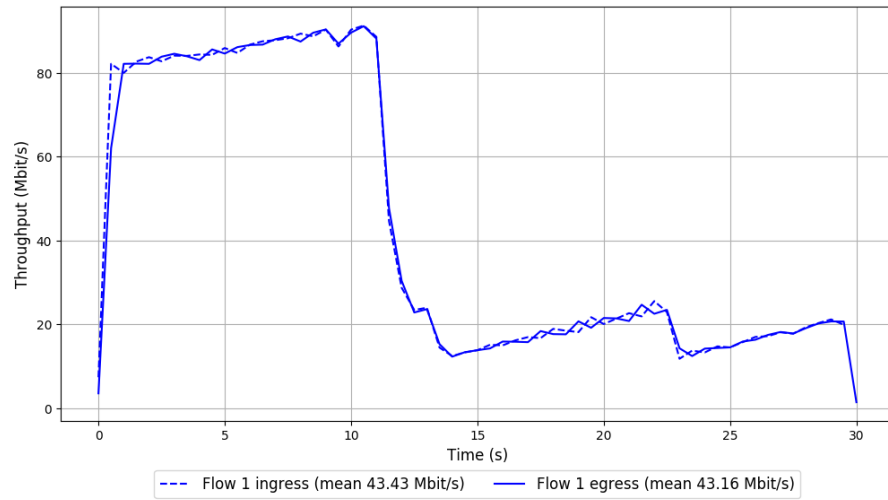


Run 9: Statistics of TCP Vegas

Start at: 2017-08-29 13:59:55
End at: 2017-08-29 14:00:25
Local clock offset: 0.376 ms
Remote clock offset: -3.468 ms

Below is generated by plot.py at 2017-08-29 15:12:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 43.16 Mbit/s
95th percentile per-packet one-way delay: 53.981 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 43.16 Mbit/s
95th percentile per-packet one-way delay: 53.981 ms
Loss rate: 0.71%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: 2017-08-29 14:20:00

End at: 2017-08-29 14:20:30

Local clock offset: 0.337 ms

Remote clock offset: -1.506 ms

Below is generated by plot.py at 2017-08-29 15:12:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 29.18 Mbit/s

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

Loss rate: 0.98%

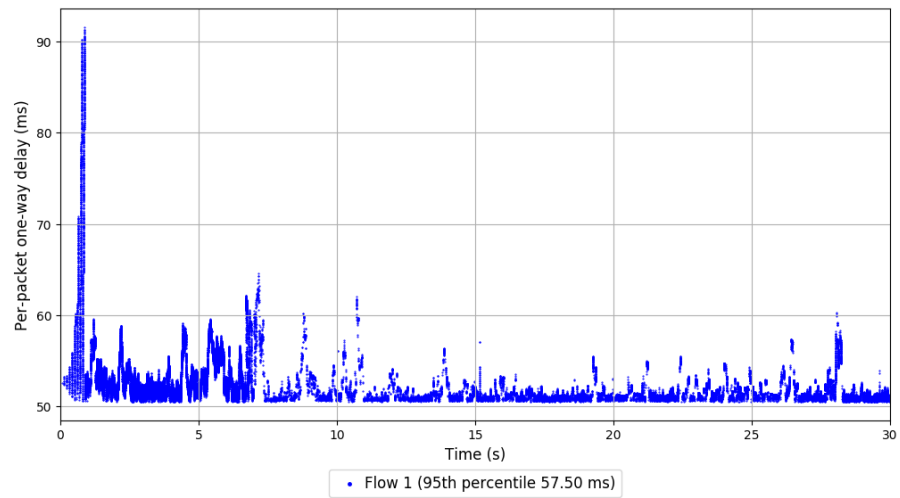
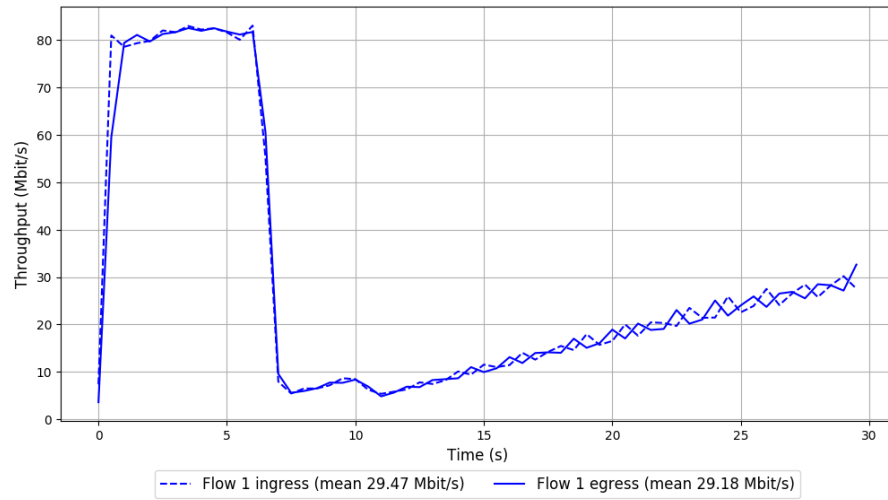
-- Flow 1:

Average throughput: 29.18 Mbit/s

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

Loss rate: 0.98%

Run 10: Report of TCP Vegas — Data Link

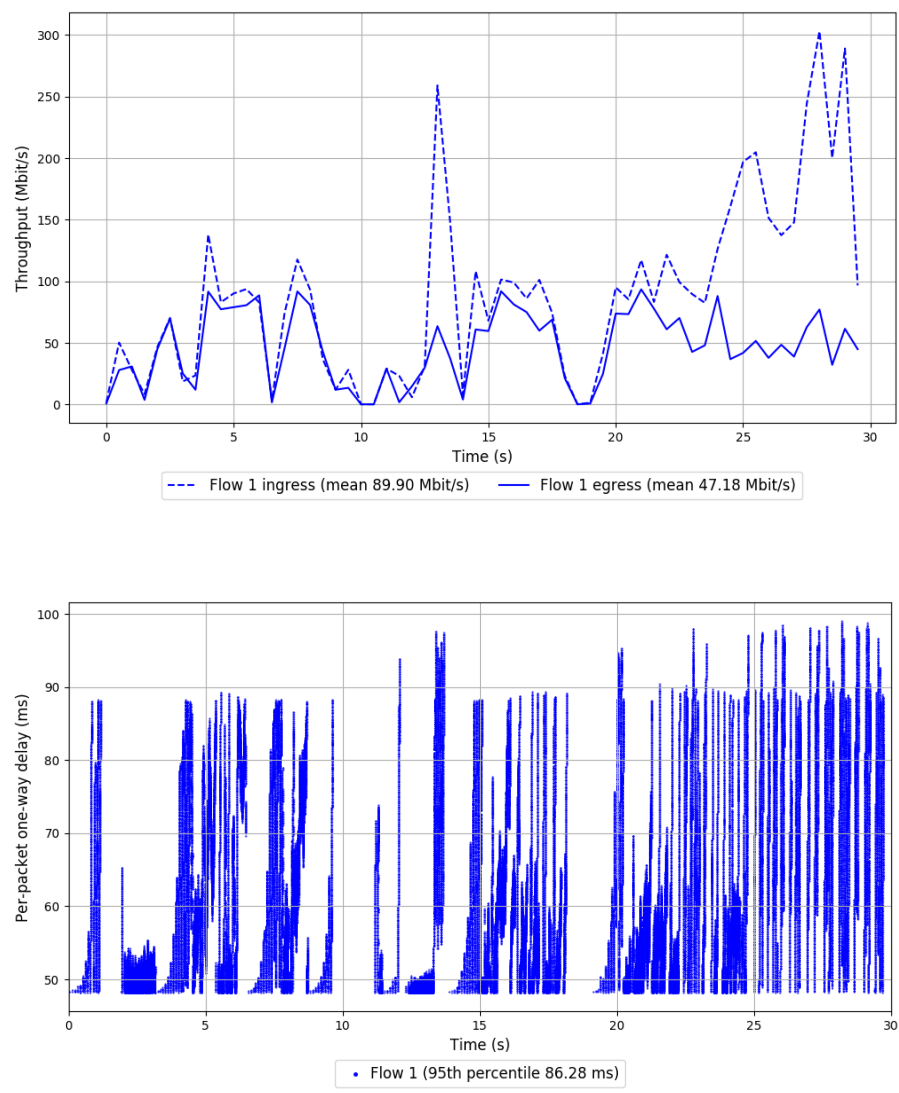


Run 1: Statistics of Verus

Start at: 2017-08-29 11:16:42
End at: 2017-08-29 11:17:12
Local clock offset: 0.396 ms
Remote clock offset: -2.929 ms

Below is generated by plot.py at 2017-08-29 15:12:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 47.18 Mbit/s
95th percentile per-packet one-way delay: 86.282 ms
Loss rate: 47.50%
-- Flow 1:
Average throughput: 47.18 Mbit/s
95th percentile per-packet one-way delay: 86.282 ms
Loss rate: 47.50%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: 2017-08-29 11:36:54

End at: 2017-08-29 11:37:24

Local clock offset: 0.328 ms

Remote clock offset: -1.33 ms

Below is generated by plot.py at 2017-08-29 15:12:25

Datalink statistics

-- Total of 1 flow:

Average throughput: 55.26 Mbit/s

95th percentile per-packet one-way delay: 85.315 ms

Loss rate: 28.25%

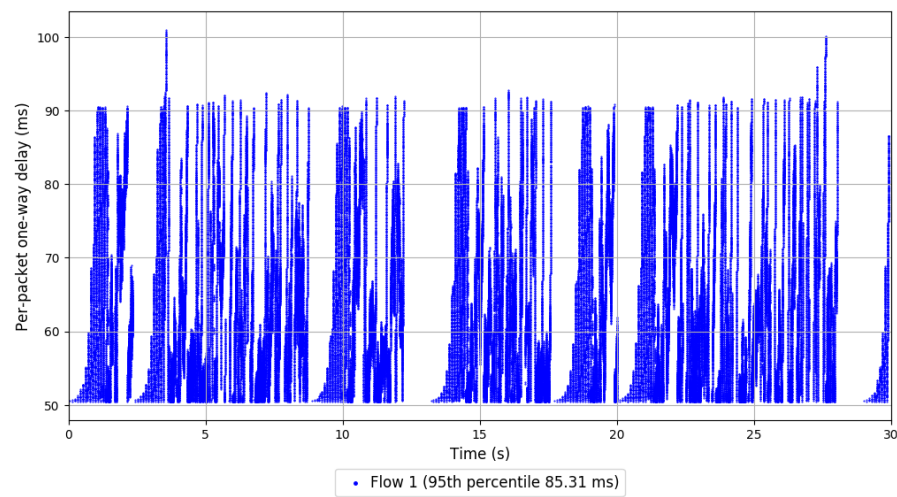
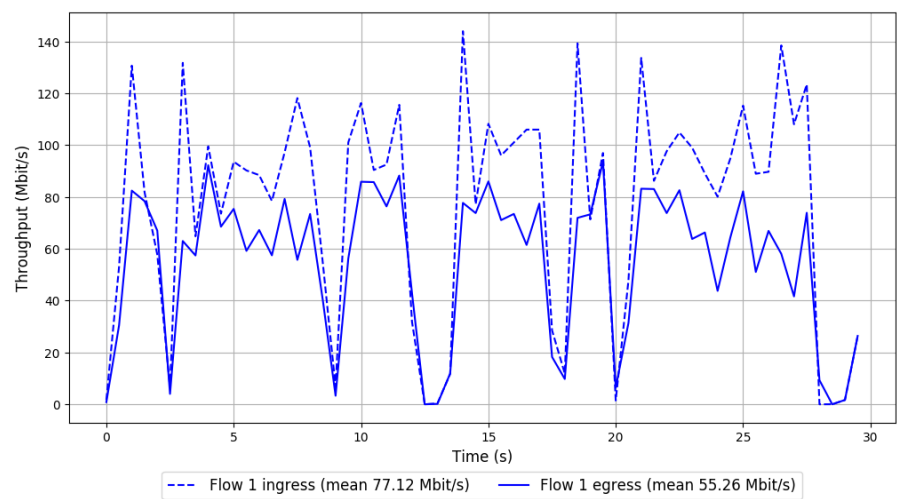
-- Flow 1:

Average throughput: 55.26 Mbit/s

95th percentile per-packet one-way delay: 85.315 ms

Loss rate: 28.25%

Run 2: Report of Verus — Data Link

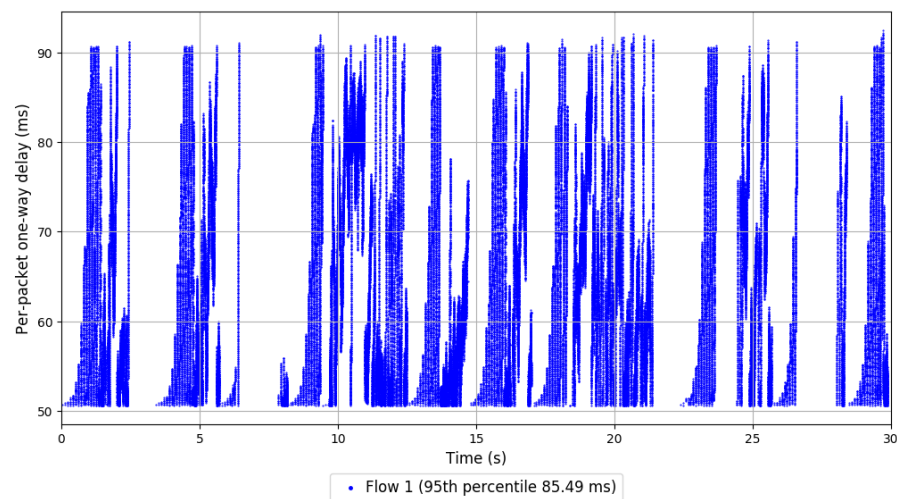
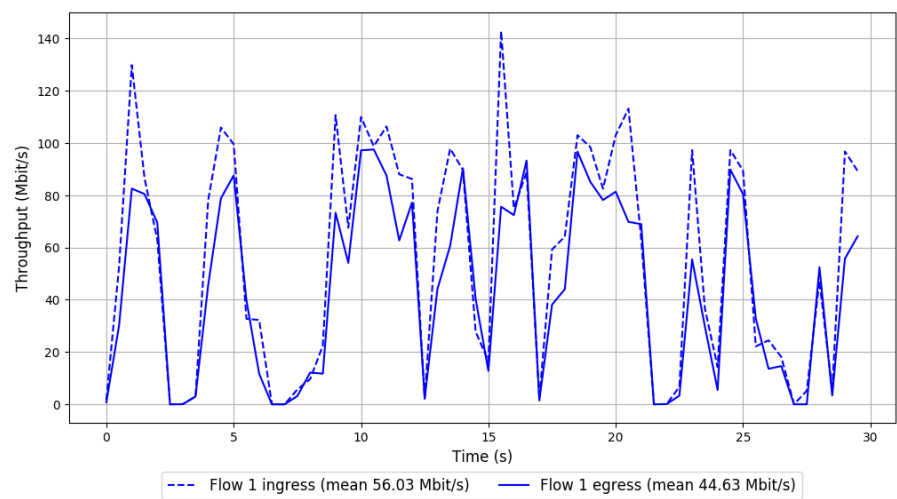


Run 3: Statistics of Verus

Start at: 2017-08-29 11:57:18
End at: 2017-08-29 11:57:48
Local clock offset: 0.298 ms
Remote clock offset: -1.361 ms

Below is generated by plot.py at 2017-08-29 15:12:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 44.63 Mbit/s
95th percentile per-packet one-way delay: 85.494 ms
Loss rate: 20.35%
-- Flow 1:
Average throughput: 44.63 Mbit/s
95th percentile per-packet one-way delay: 85.494 ms
Loss rate: 20.35%

Run 3: Report of Verus — Data Link

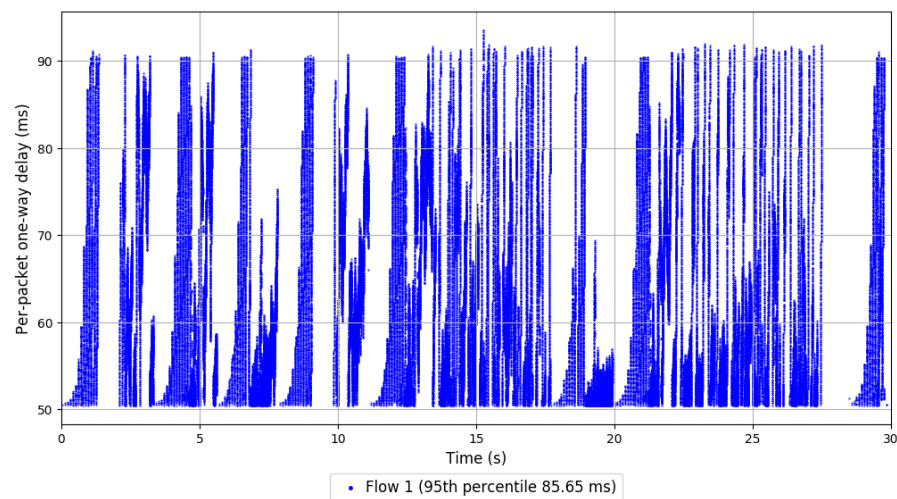
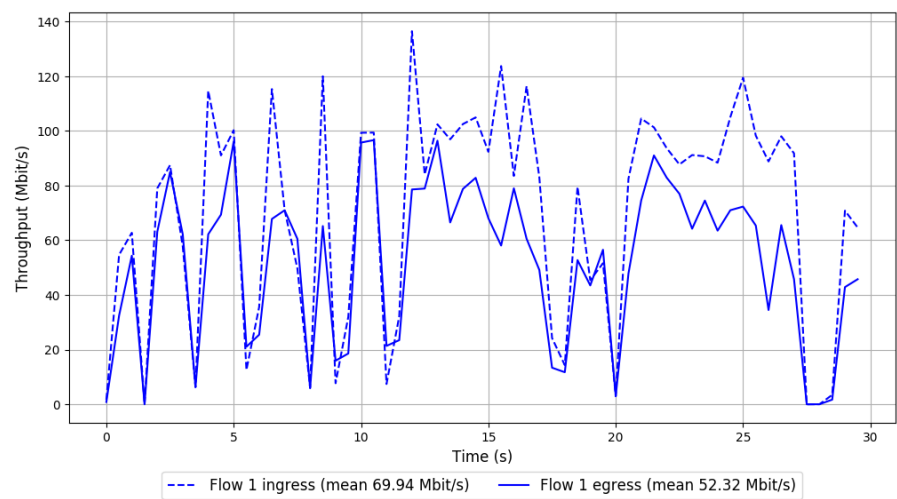


Run 4: Statistics of Verus

Start at: 2017-08-29 12:17:38
End at: 2017-08-29 12:18:08
Local clock offset: 0.271 ms
Remote clock offset: -1.675 ms

Below is generated by plot.py at 2017-08-29 15:12:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 52.32 Mbit/s
95th percentile per-packet one-way delay: 85.653 ms
Loss rate: 25.19%
-- Flow 1:
Average throughput: 52.32 Mbit/s
95th percentile per-packet one-way delay: 85.653 ms
Loss rate: 25.19%

Run 4: Report of Verus — Data Link

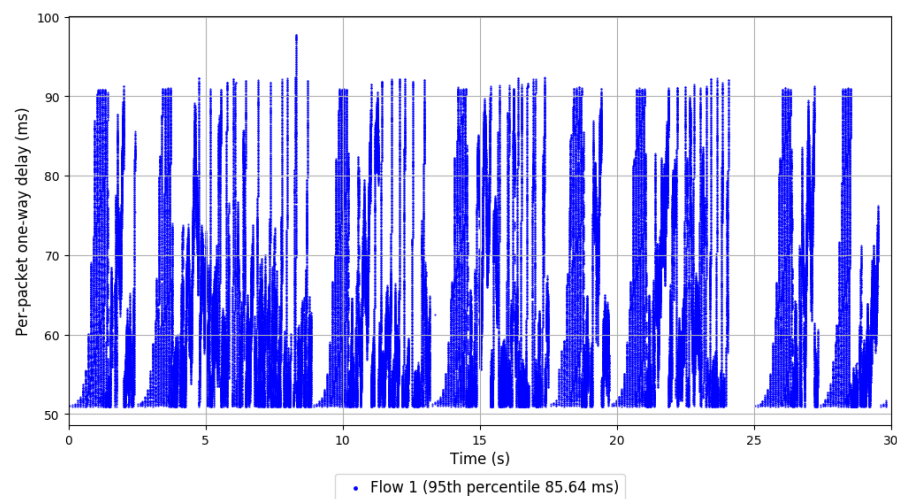
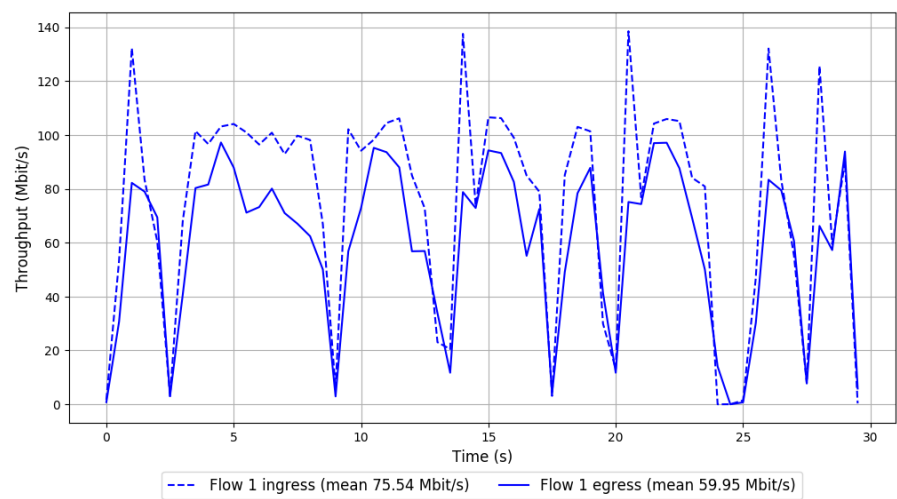


Run 5: Statistics of Verus

Start at: 2017-08-29 12:37:48
End at: 2017-08-29 12:38:18
Local clock offset: 0.251 ms
Remote clock offset: -1.208 ms

Below is generated by plot.py at 2017-08-29 15:12:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 59.95 Mbit/s
95th percentile per-packet one-way delay: 85.640 ms
Loss rate: 20.64%
-- Flow 1:
Average throughput: 59.95 Mbit/s
95th percentile per-packet one-way delay: 85.640 ms
Loss rate: 20.64%

Run 5: Report of Verus — Data Link

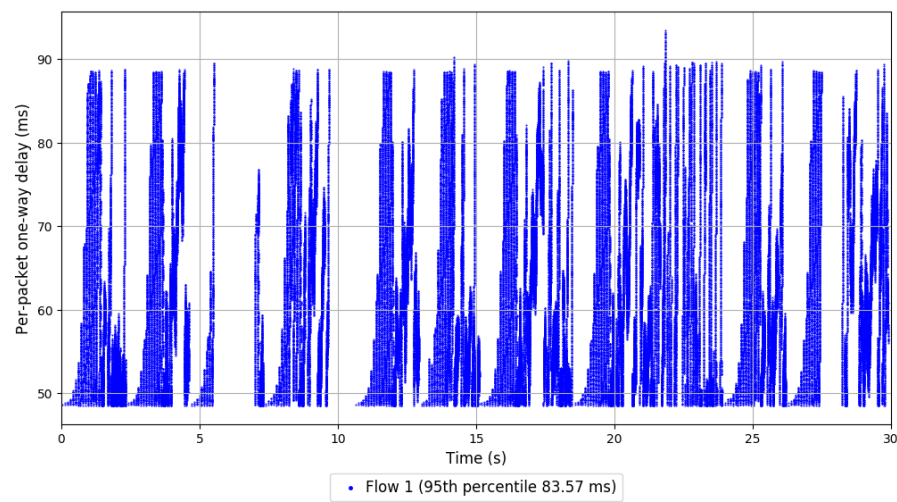
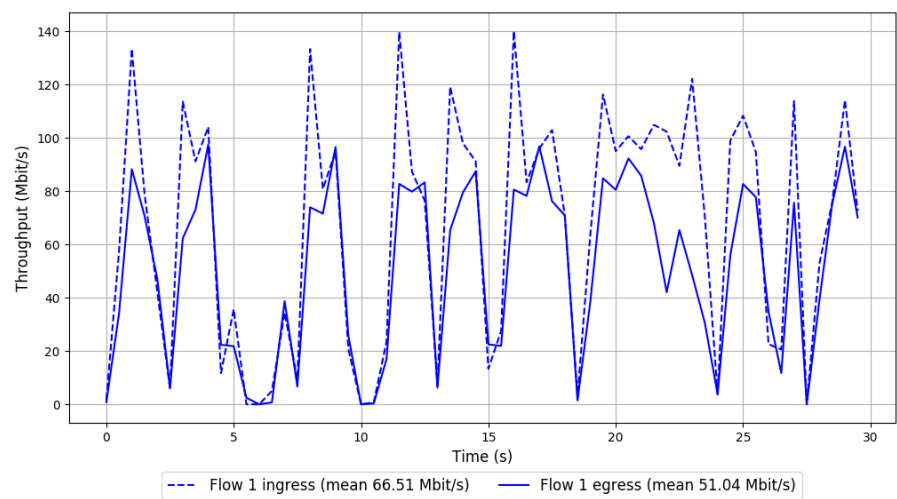


Run 6: Statistics of Verus

Start at: 2017-08-29 12:57:55
End at: 2017-08-29 12:58:25
Local clock offset: 0.114 ms
Remote clock offset: -3.731 ms

Below is generated by plot.py at 2017-08-29 15:12:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 51.04 Mbit/s
95th percentile per-packet one-way delay: 83.569 ms
Loss rate: 23.23%
-- Flow 1:
Average throughput: 51.04 Mbit/s
95th percentile per-packet one-way delay: 83.569 ms
Loss rate: 23.23%

Run 6: Report of Verus — Data Link

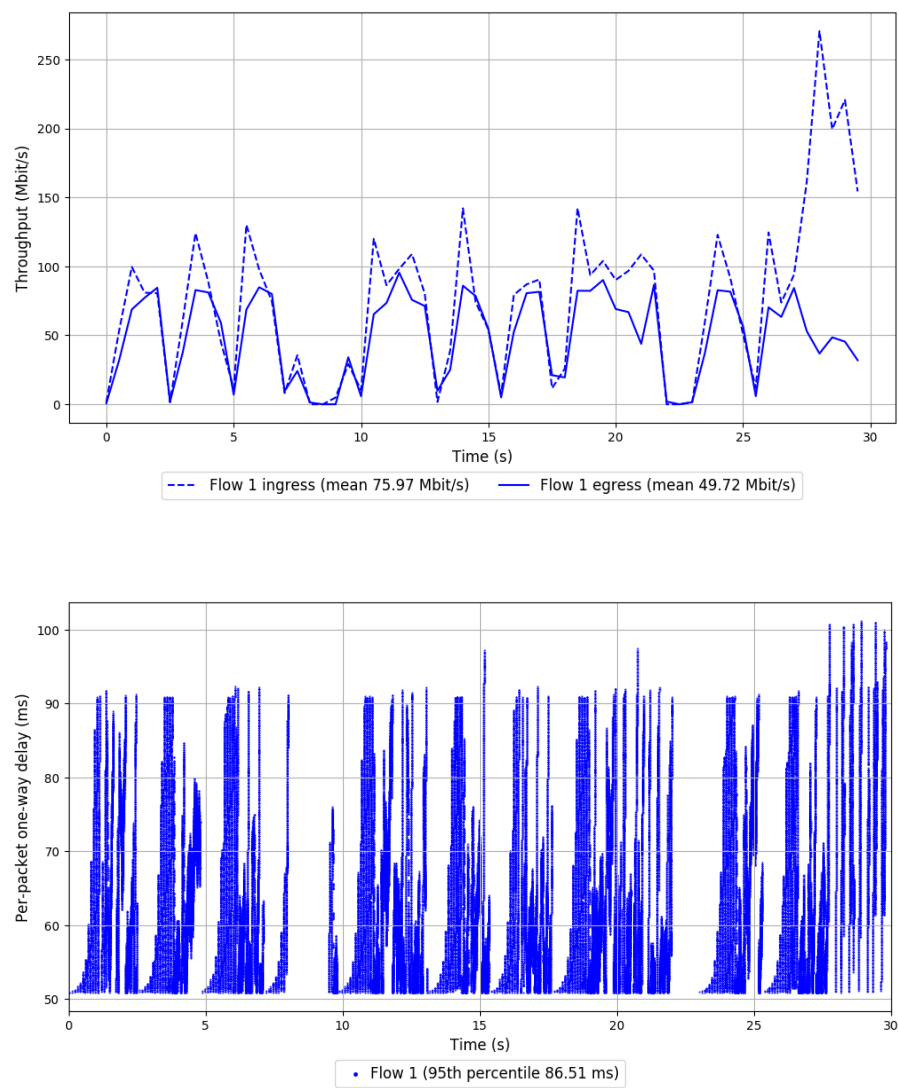


Run 7: Statistics of Verus

Start at: 2017-08-29 13:18:15
End at: 2017-08-29 13:18:45
Local clock offset: 0.244 ms
Remote clock offset: -1.232 ms

Below is generated by plot.py at 2017-08-29 15:12:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 49.72 Mbit/s
95th percentile per-packet one-way delay: 86.510 ms
Loss rate: 34.45%
-- Flow 1:
Average throughput: 49.72 Mbit/s
95th percentile per-packet one-way delay: 86.510 ms
Loss rate: 34.45%

Run 7: Report of Verus — Data Link

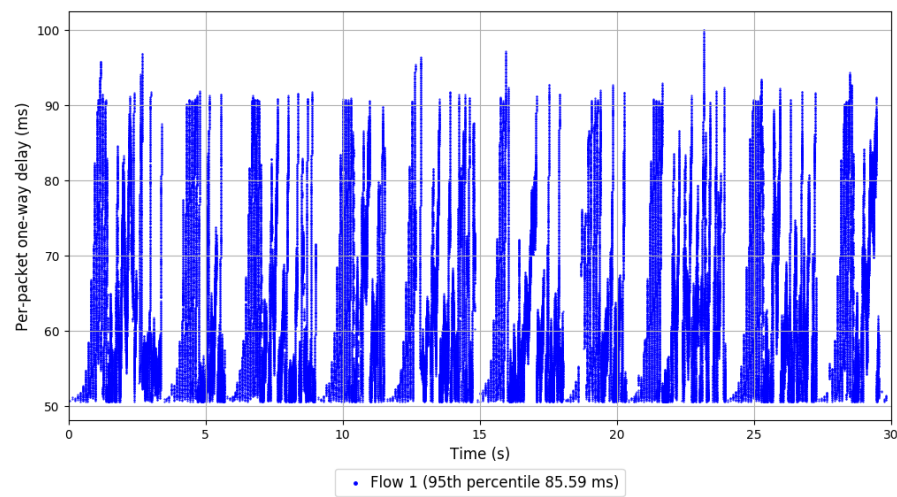
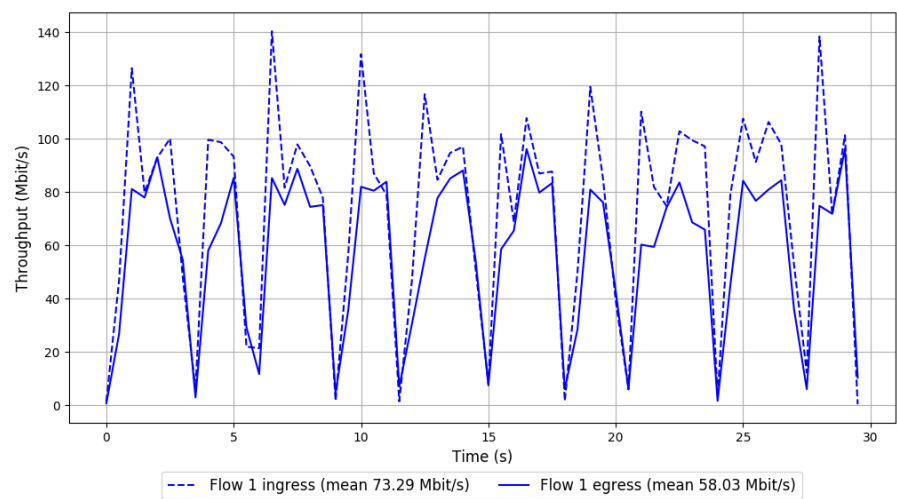


Run 8: Statistics of Verus

Start at: 2017-08-29 13:38:24
End at: 2017-08-29 13:38:54
Local clock offset: 0.219 ms
Remote clock offset: -1.479 ms

Below is generated by plot.py at 2017-08-29 15:12:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 58.03 Mbit/s
95th percentile per-packet one-way delay: 85.593 ms
Loss rate: 20.82%
-- Flow 1:
Average throughput: 58.03 Mbit/s
95th percentile per-packet one-way delay: 85.593 ms
Loss rate: 20.82%

Run 8: Report of Verus — Data Link

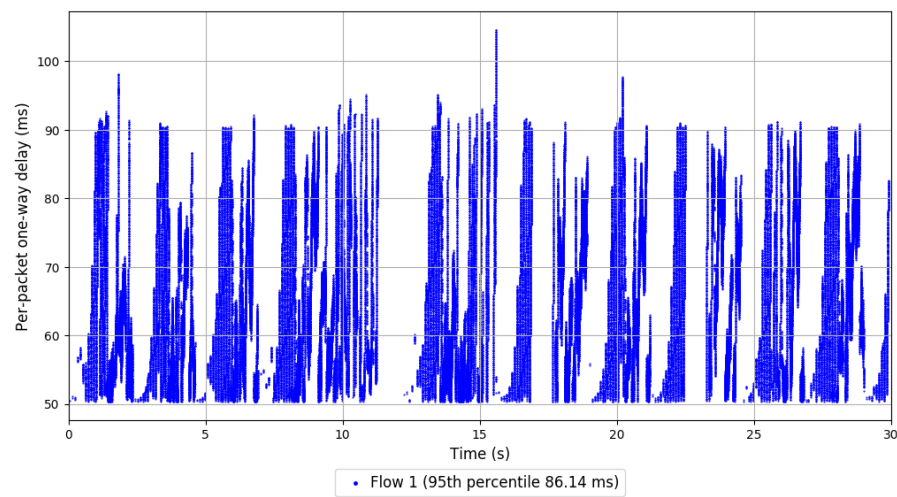
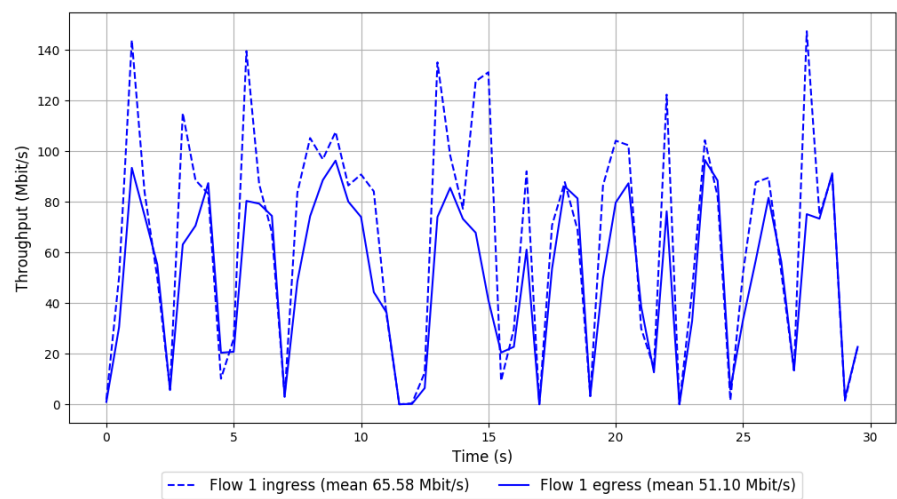


Run 9: Statistics of Verus

Start at: 2017-08-29 13:58:34
End at: 2017-08-29 13:59:04
Local clock offset: 0.262 ms
Remote clock offset: -1.406 ms

Below is generated by plot.py at 2017-08-29 15:12:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 51.10 Mbit/s
95th percentile per-packet one-way delay: 86.135 ms
Loss rate: 22.00%
-- Flow 1:
Average throughput: 51.10 Mbit/s
95th percentile per-packet one-way delay: 86.135 ms
Loss rate: 22.00%

Run 9: Report of Verus — Data Link

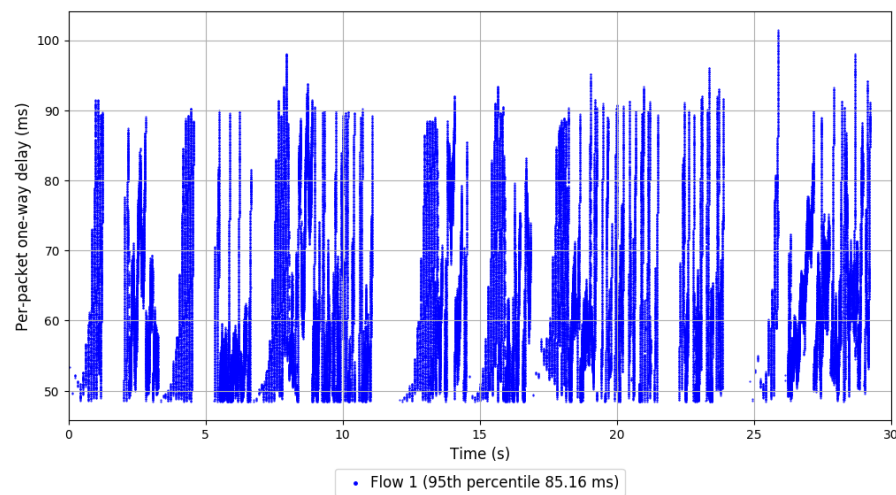
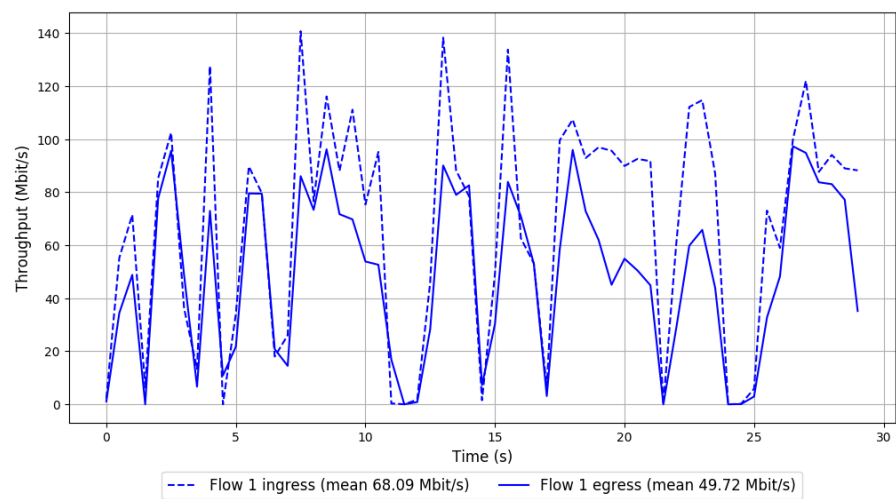


Run 10: Statistics of Verus

Start at: 2017-08-29 14:18:39
End at: 2017-08-29 14:19:09
Local clock offset: 0.318 ms
Remote clock offset: -3.592 ms

Below is generated by plot.py at 2017-08-29 15:13:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 49.72 Mbit/s
95th percentile per-packet one-way delay: 85.159 ms
Loss rate: 26.94%
-- Flow 1:
Average throughput: 49.72 Mbit/s
95th percentile per-packet one-way delay: 85.159 ms
Loss rate: 26.94%

Run 10: Report of Verus — Data Link

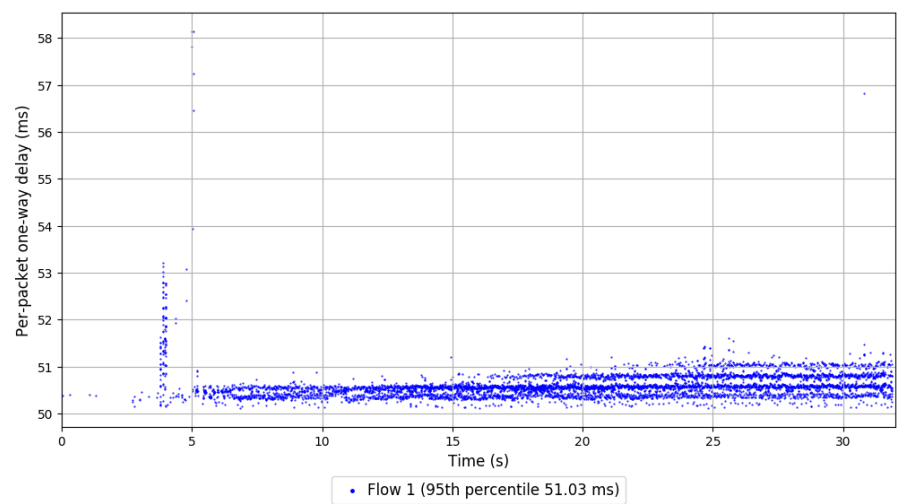
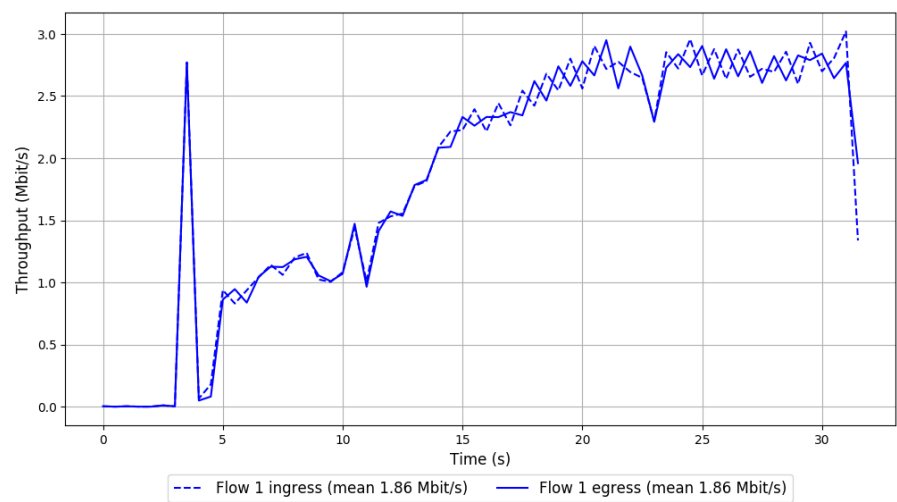


Run 1: Statistics of WebRTC media

Start at: 2017-08-29 11:12:39
End at: 2017-08-29 11:13:09
Local clock offset: 0.382 ms
Remote clock offset: -0.641 ms

Below is generated by plot.py at 2017-08-29 15:13:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.86 Mbit/s
95th percentile per-packet one-way delay: 51.033 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 1.86 Mbit/s
95th percentile per-packet one-way delay: 51.033 ms
Loss rate: 0.03%

Run 1: Report of WebRTC media — Data Link

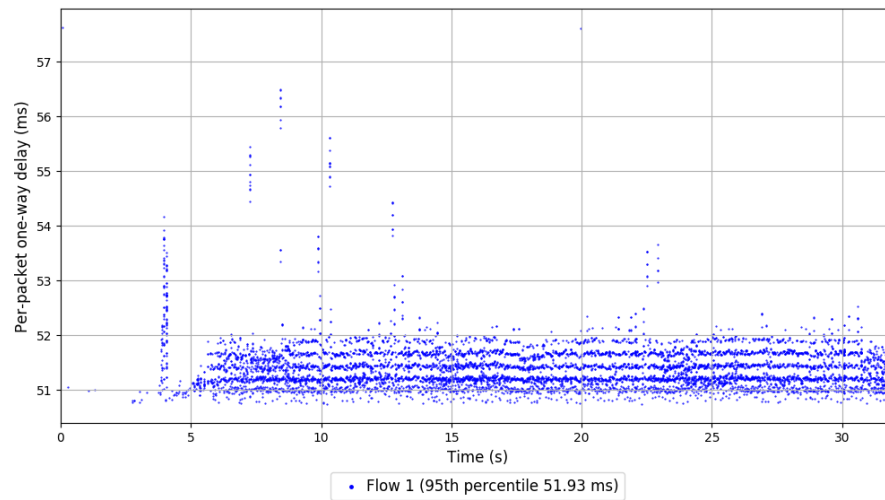
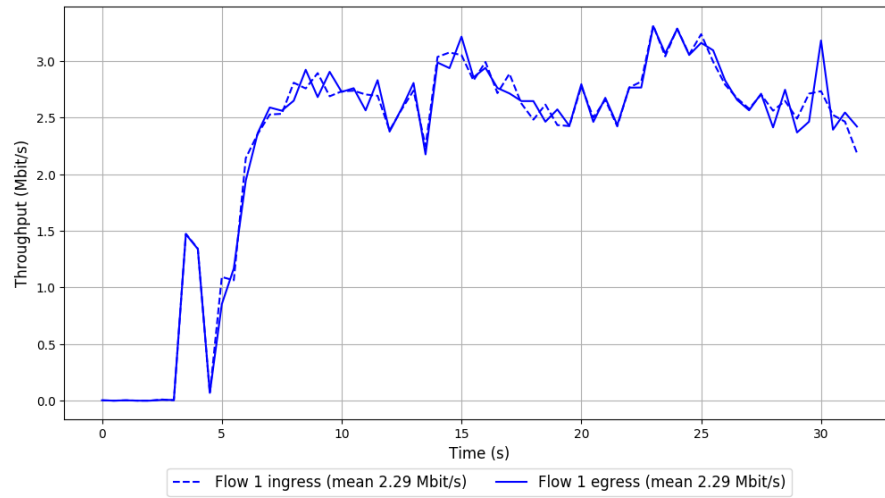


Run 2: Statistics of WebRTC media

Start at: 2017-08-29 11:32:50
End at: 2017-08-29 11:33:20
Local clock offset: 0.252 ms
Remote clock offset: -0.777 ms

Below is generated by plot.py at 2017-08-29 15:13:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 51.931 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 51.931 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

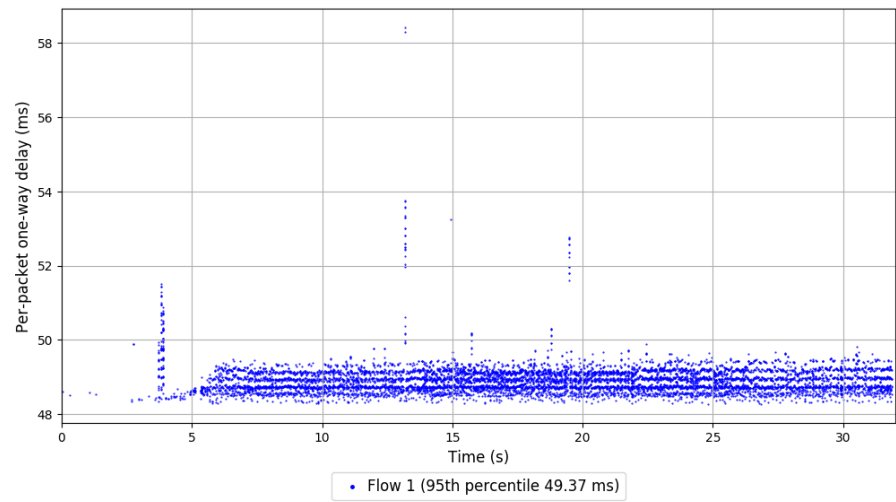
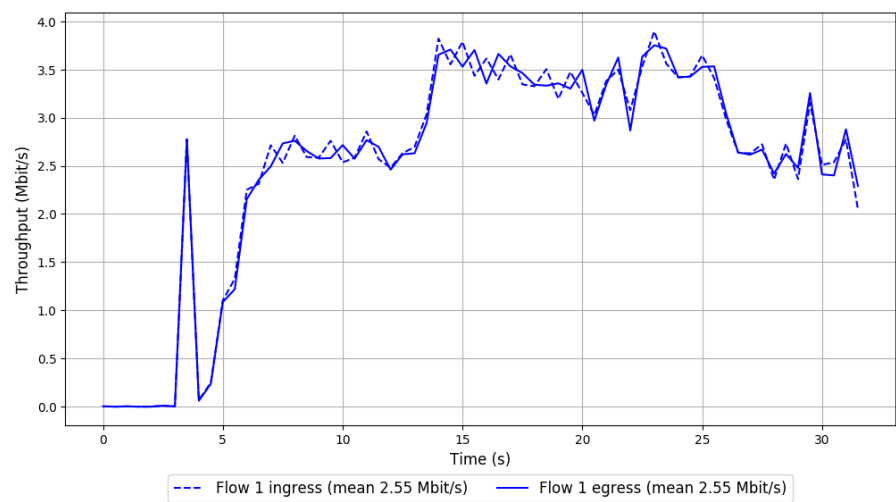


Run 3: Statistics of WebRTC media

Start at: 2017-08-29 11:53:13
End at: 2017-08-29 11:53:44
Local clock offset: 0.224 ms
Remote clock offset: -3.523 ms

Below is generated by plot.py at 2017-08-29 15:13:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.55 Mbit/s
95th percentile per-packet one-way delay: 49.369 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 2.55 Mbit/s
95th percentile per-packet one-way delay: 49.369 ms
Loss rate: 0.06%

Run 3: Report of WebRTC media — Data Link

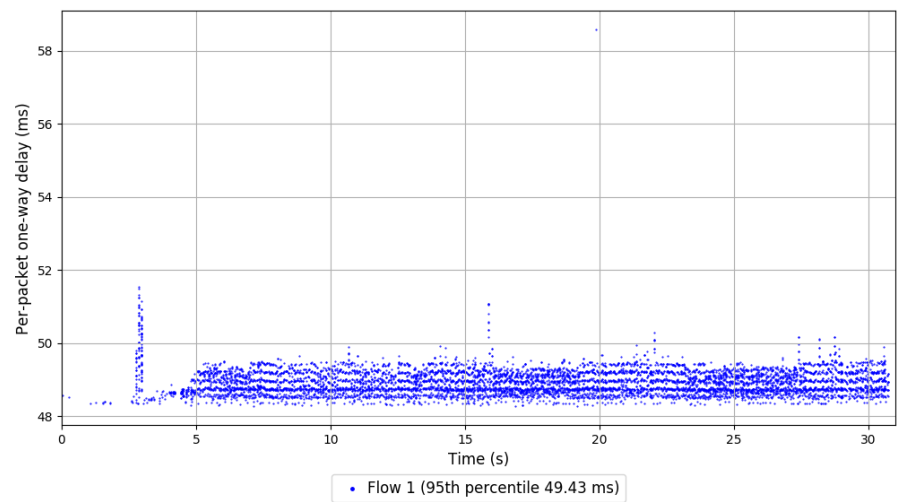
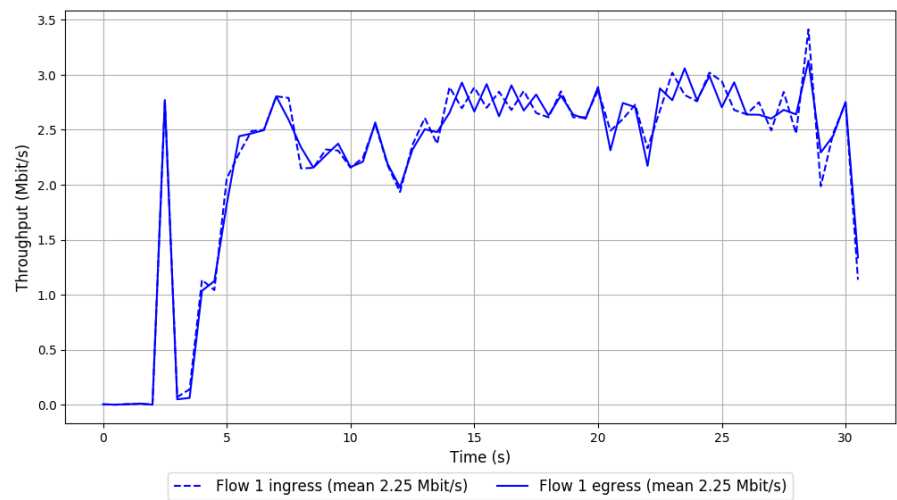


Run 4: Statistics of WebRTC media

Start at: 2017-08-29 12:13:33
End at: 2017-08-29 12:14:03
Local clock offset: 0.263 ms
Remote clock offset: -3.667 ms

Below is generated by plot.py at 2017-08-29 15:13:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 49.433 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 49.433 ms
Loss rate: 0.01%

Run 4: Report of WebRTC media — Data Link

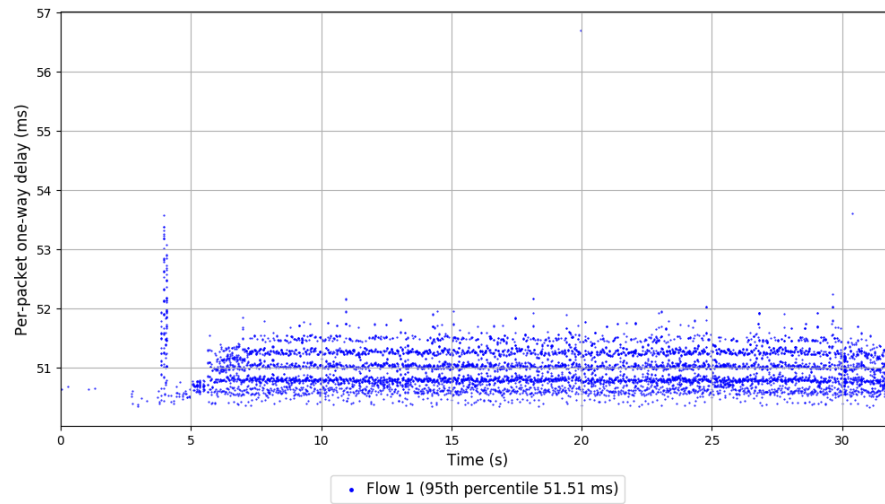
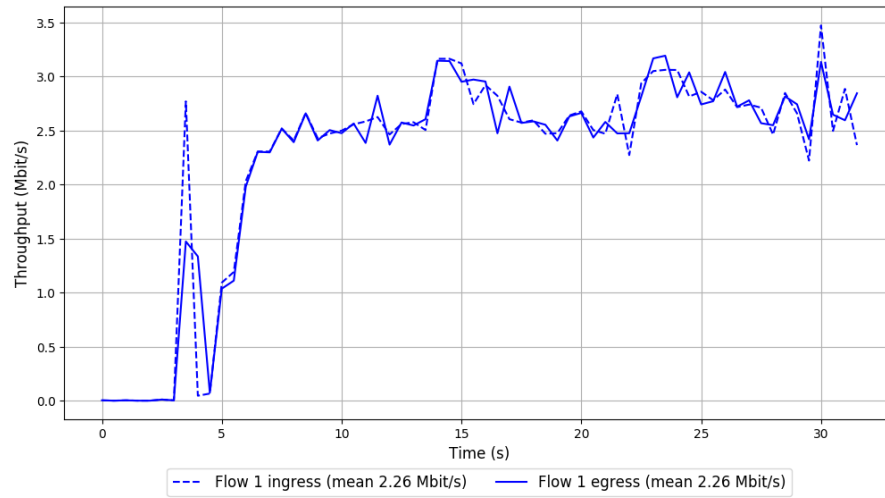


Run 5: Statistics of WebRTC media

Start at: 2017-08-29 12:33:44
End at: 2017-08-29 12:34:14
Local clock offset: 0.155 ms
Remote clock offset: -1.709 ms

Below is generated by plot.py at 2017-08-29 15:13:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.26 Mbit/s
95th percentile per-packet one-way delay: 51.512 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.26 Mbit/s
95th percentile per-packet one-way delay: 51.512 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

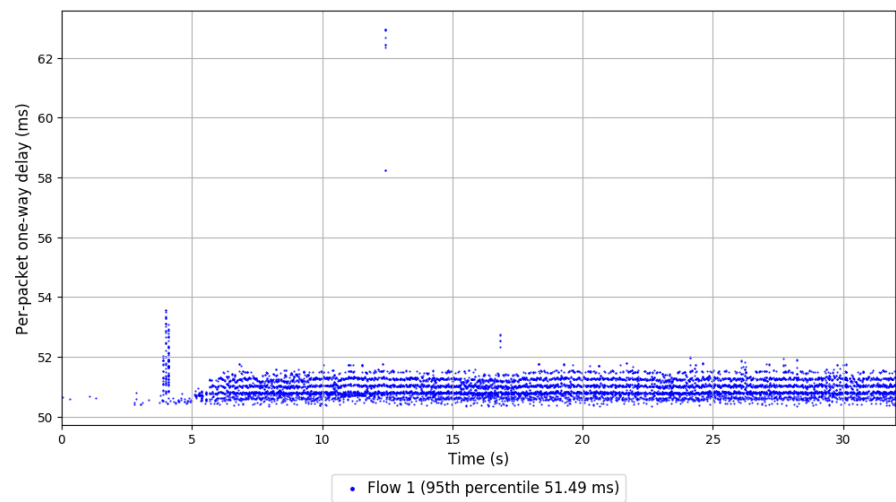
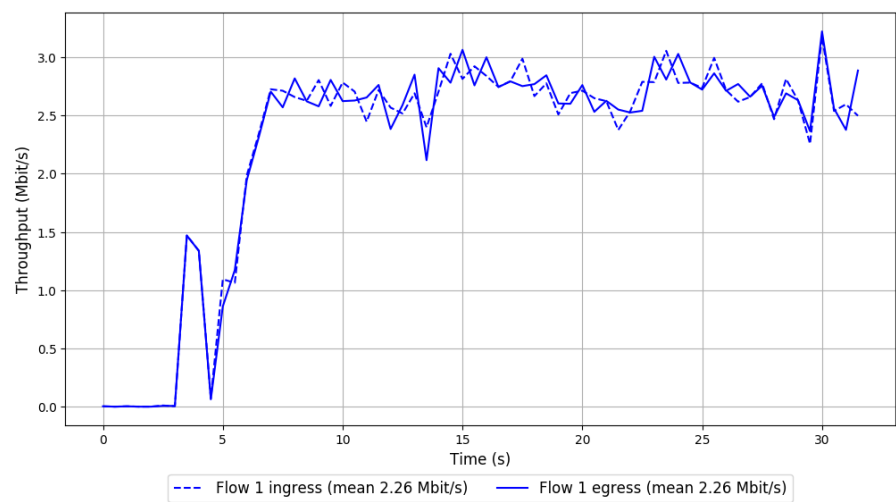


Run 6: Statistics of WebRTC media

Start at: 2017-08-29 12:53:50
End at: 2017-08-29 12:54:20
Local clock offset: 0.097 ms
Remote clock offset: -1.679 ms

Below is generated by plot.py at 2017-08-29 15:13:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.26 Mbit/s
95th percentile per-packet one-way delay: 51.493 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.26 Mbit/s
95th percentile per-packet one-way delay: 51.493 ms
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

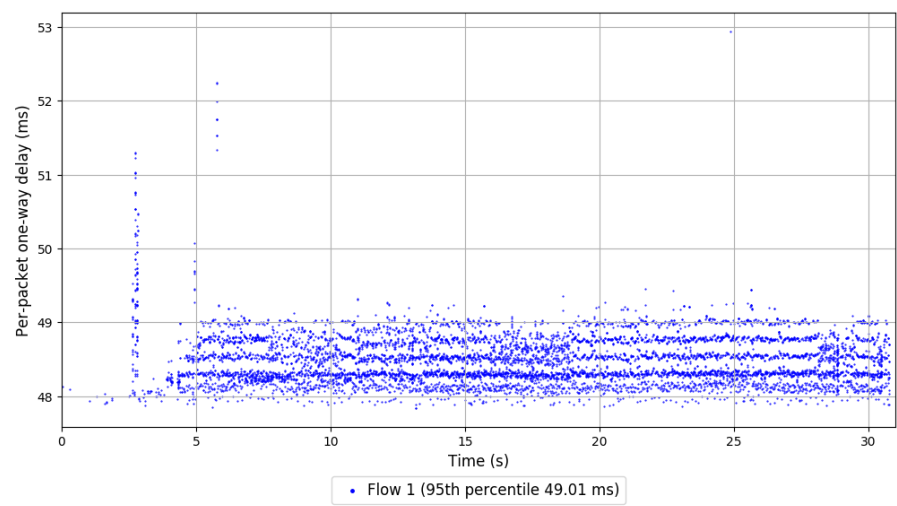
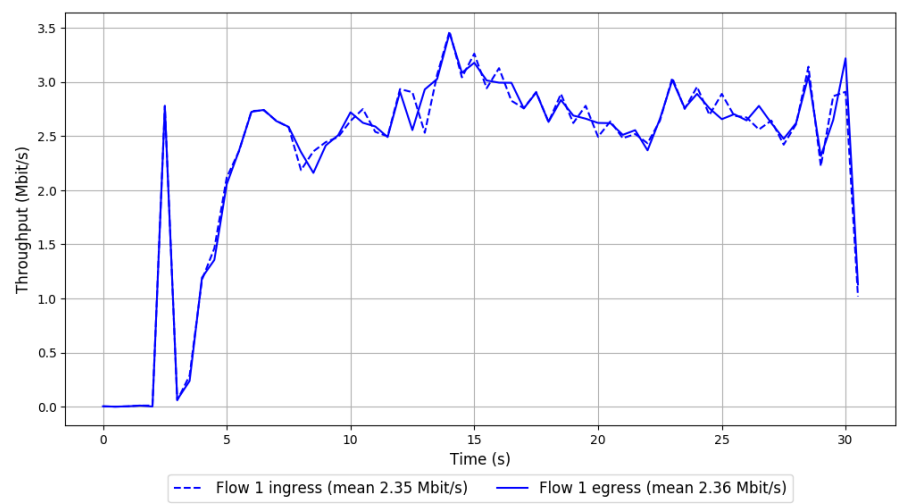


Run 7: Statistics of WebRTC media

Start at: 2017-08-29 13:14:11
End at: 2017-08-29 13:14:41
Local clock offset: 0.228 ms
Remote clock offset: -3.861 ms

Below is generated by plot.py at 2017-08-29 15:13:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 49.009 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 49.009 ms
Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

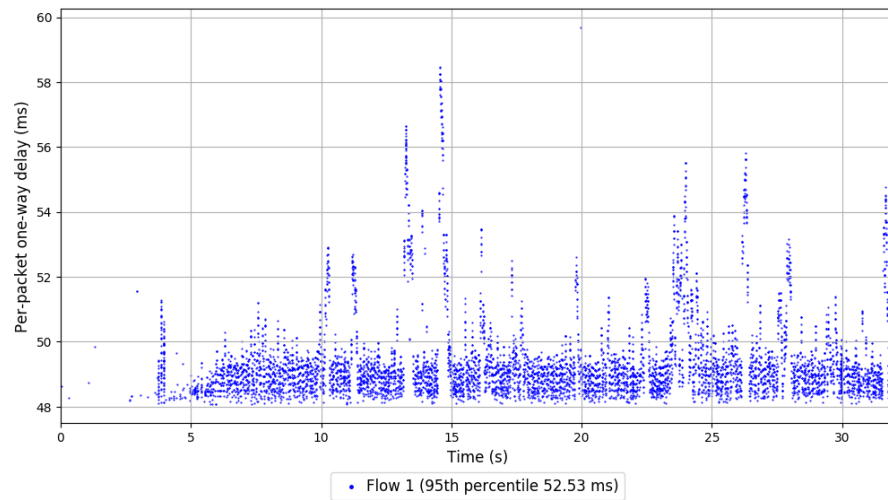
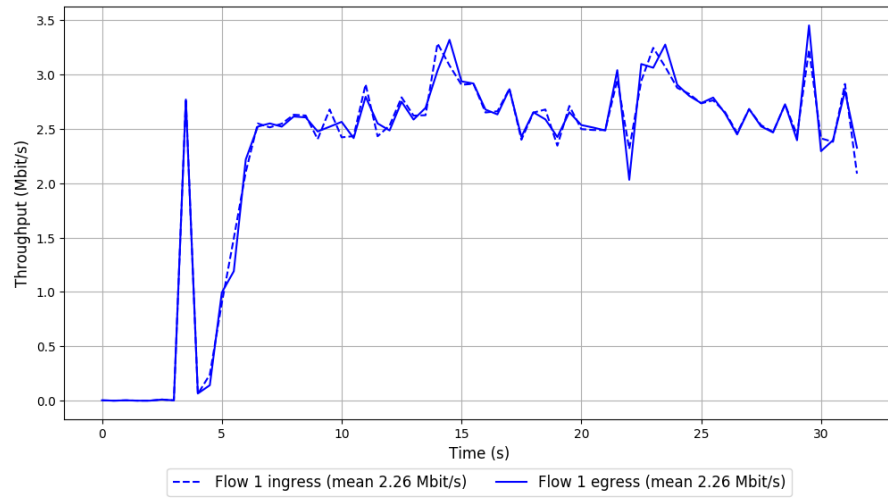


Run 8: Statistics of WebRTC media

Start at: 2017-08-29 13:34:21
End at: 2017-08-29 13:34:51
Local clock offset: 0.215 ms
Remote clock offset: -3.686 ms

Below is generated by plot.py at 2017-08-29 15:13:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.26 Mbit/s
95th percentile per-packet one-way delay: 52.528 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.26 Mbit/s
95th percentile per-packet one-way delay: 52.528 ms
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

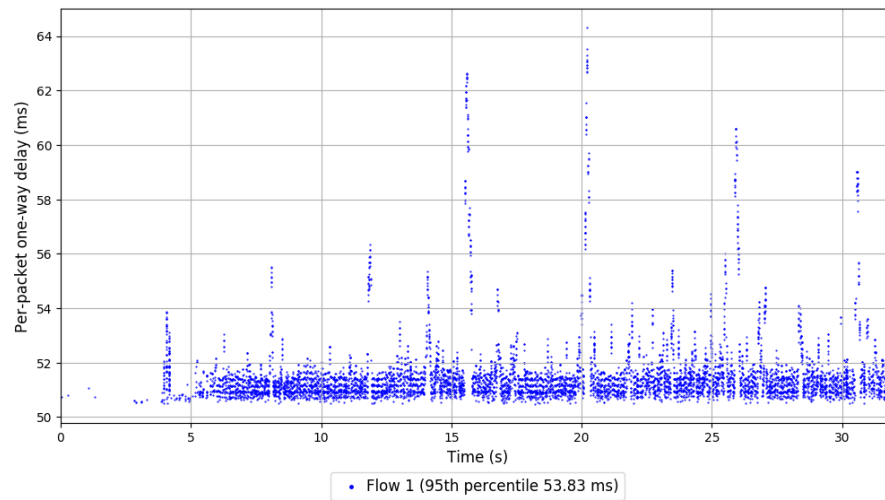
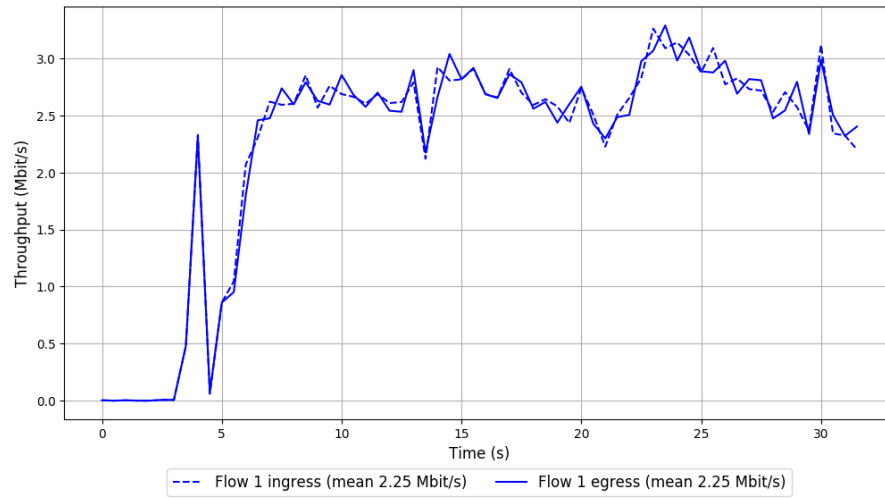


Run 9: Statistics of WebRTC media

Start at: 2017-08-29 13:54:31
End at: 2017-08-29 13:55:01
Local clock offset: 0.346 ms
Remote clock offset: -1.032 ms

Below is generated by plot.py at 2017-08-29 15:13:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 53.825 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 53.825 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2017-08-29 14:14:35

End at: 2017-08-29 14:15:05

Local clock offset: 0.322 ms

Remote clock offset: -3.503 ms

Below is generated by plot.py at 2017-08-29 15:13:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 55.532 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 55.532 ms

Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

