

Pantheon Report

Generated at 2017-09-18 05:47:19 (UTC).

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

Repeated the test of 15 congestion control schemes 10 times.

Each test lasted for 30 seconds running 1 flow.

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

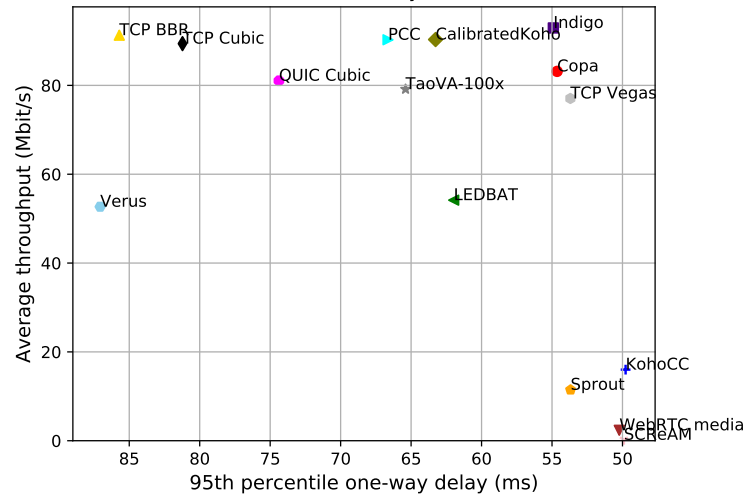
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

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

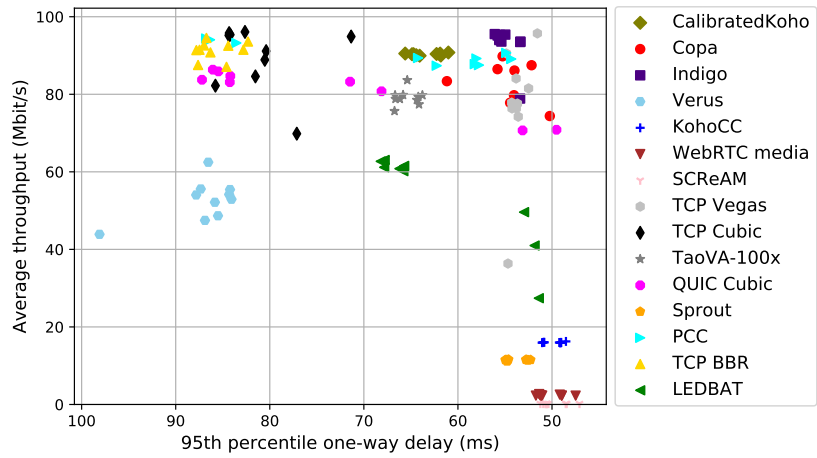
Git summary:

```
branch: master @ 57453dc11f8da93a2e03eea75289fea01b816298
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/genericCC @ f7ca42f251bf49b432bb71de6d13fa903515c366
third_party/indigo @ b19f3730105f9aa95452552af924e3719b03cc55
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ baf443516dea3eeddeccaf9b916cc313273ca4f4
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/proto-quick @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaaeb30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/webRTC @ a488197ddd041ace68a42849b2540ad834825f42
```

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



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



scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	91.31	85.71	24.69
CalibratedKoho	10	90.32	63.26	0.05
Copa	8	83.16	54.64	0.03
TCP Cubic	10	89.40	81.22	0.23
Indigo	10	92.93	54.91	0.08
KohoCC	10	16.01	49.78	0.04
LEDBAT	9	54.16	61.98	0.01
PCC	10	90.27	66.64	5.15
QUIC Cubic	9	81.04	74.38	0.39
SCReAM	10	0.22	49.90	0.00
Sprout	10	11.47	53.68	0.02
TaoVA-100x	10	79.16	65.39	0.05
TCP Vegas	10	77.06	53.70	0.33
Verus	10	52.68	87.06	38.14
WebRTC media	10	2.35	50.23	0.02

Run 1: Statistics of TCP BBR

Start at: 2017-09-18 01:41:38

End at: 2017-09-18 01:42:08

Local clock offset: 0.233 ms

Remote clock offset: -0.147 ms

Below is generated by plot.py at 2017-09-18 05:29:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.48 Mbit/s

95th percentile per-packet one-way delay: 87.469 ms

Loss rate: 24.69%

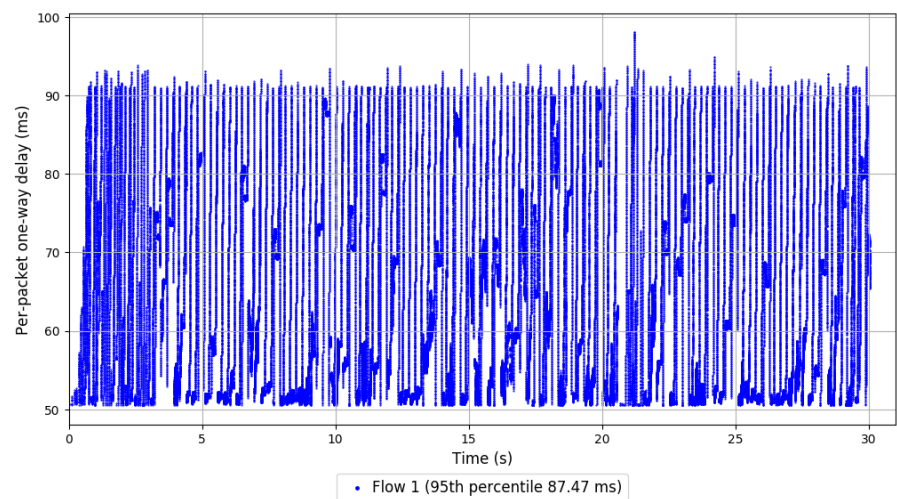
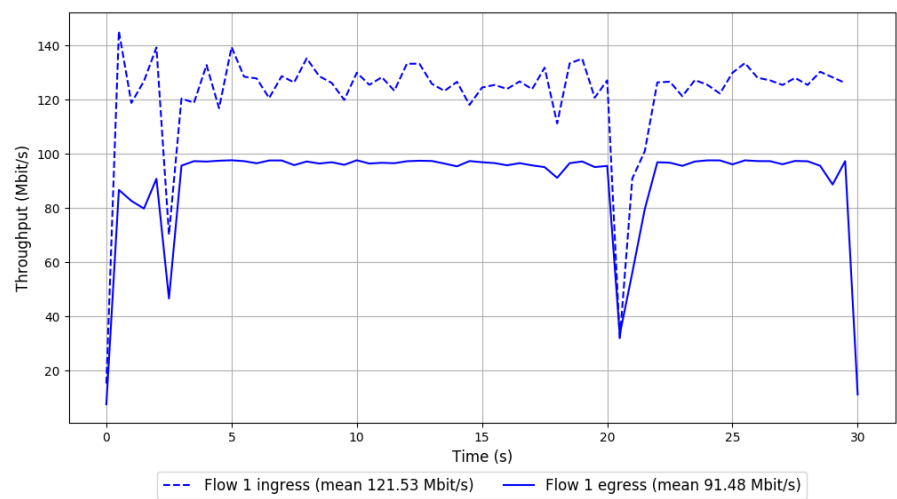
-- Flow 1:

Average throughput: 91.48 Mbit/s

95th percentile per-packet one-way delay: 87.469 ms

Loss rate: 24.69%

Run 1: Report of TCP BBR — Data Link

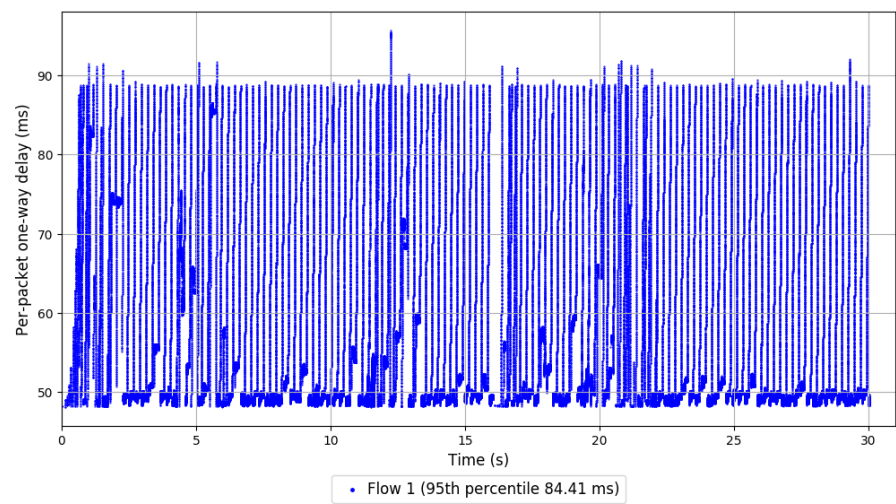
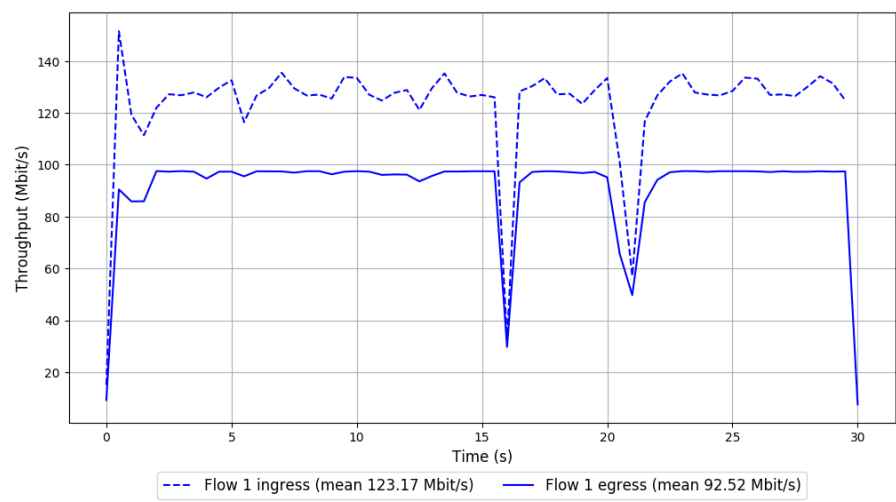


Run 2: Statistics of TCP BBR

Start at: 2017-09-18 02:02:55
End at: 2017-09-18 02:03:25
Local clock offset: -0.256 ms
Remote clock offset: -2.801 ms

Below is generated by plot.py at 2017-09-18 05:29:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.52 Mbit/s
95th percentile per-packet one-way delay: 84.412 ms
Loss rate: 24.88%
-- Flow 1:
Average throughput: 92.52 Mbit/s
95th percentile per-packet one-way delay: 84.412 ms
Loss rate: 24.88%

Run 2: Report of TCP BBR — Data Link

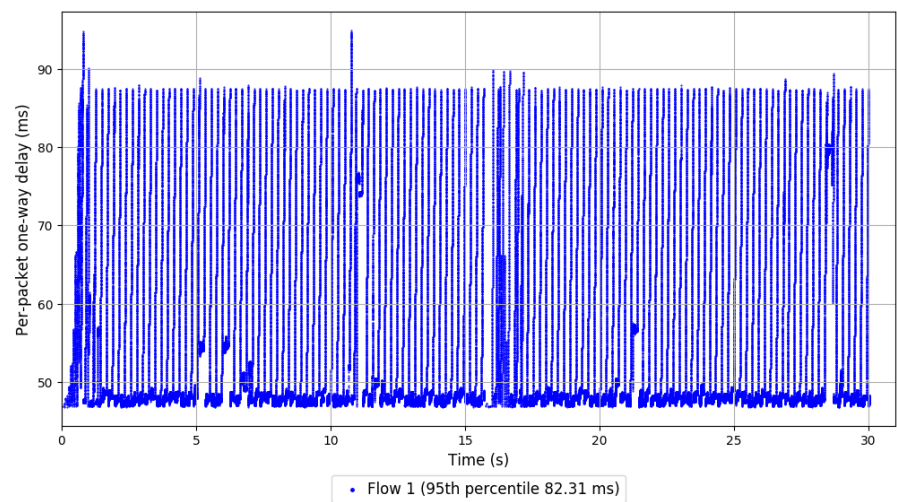
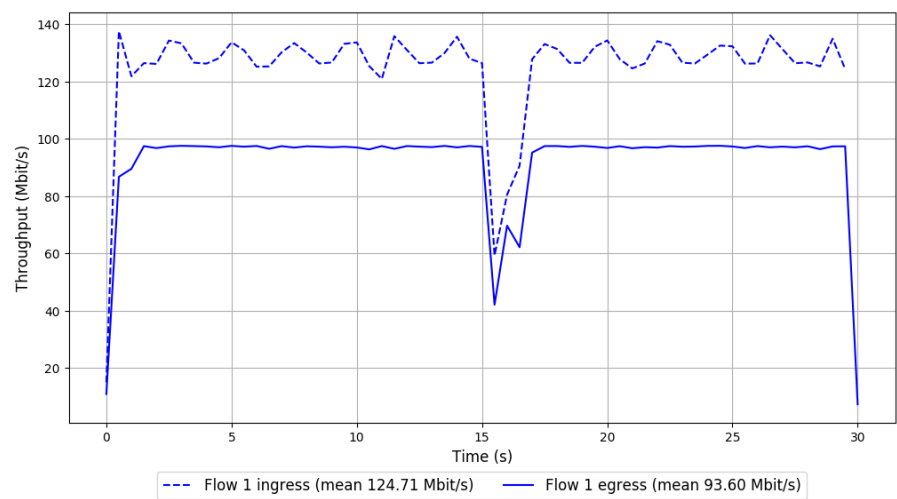


Run 3: Statistics of TCP BBR

Start at: 2017-09-18 02:23:30
End at: 2017-09-18 02:24:00
Local clock offset: -0.684 ms
Remote clock offset: -3.139 ms

Below is generated by plot.py at 2017-09-18 05:29:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.60 Mbit/s
95th percentile per-packet one-way delay: 82.313 ms
Loss rate: 24.94%
-- Flow 1:
Average throughput: 93.60 Mbit/s
95th percentile per-packet one-way delay: 82.313 ms
Loss rate: 24.94%

Run 3: Report of TCP BBR — Data Link

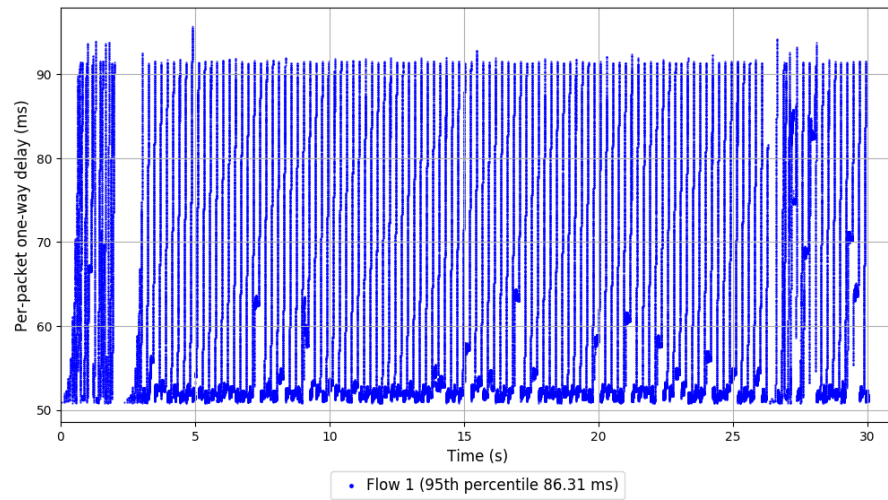
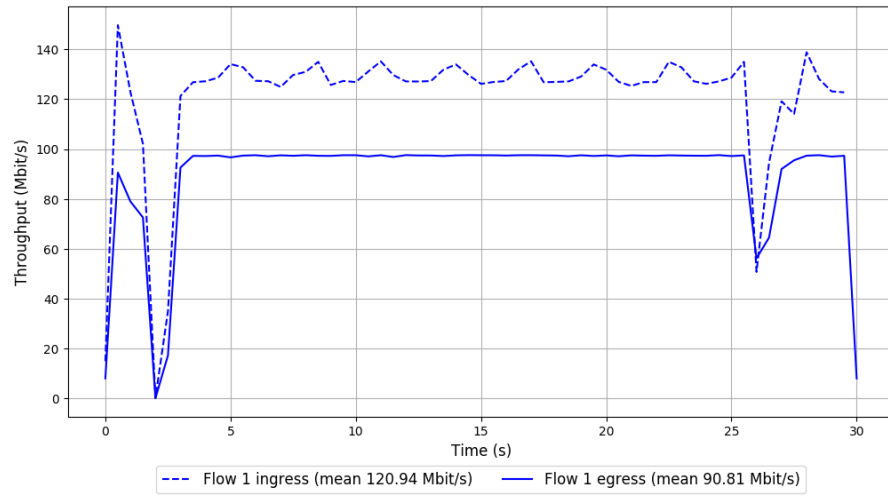


Run 4: Statistics of TCP BBR

Start at: 2017-09-18 02:44:03
End at: 2017-09-18 02:44:33
Local clock offset: -1.141 ms
Remote clock offset: -0.772 ms

Below is generated by plot.py at 2017-09-18 05:29:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.81 Mbit/s
95th percentile per-packet one-way delay: 86.309 ms
Loss rate: 24.92%
-- Flow 1:
Average throughput: 90.81 Mbit/s
95th percentile per-packet one-way delay: 86.309 ms
Loss rate: 24.92%

Run 4: Report of TCP BBR — Data Link

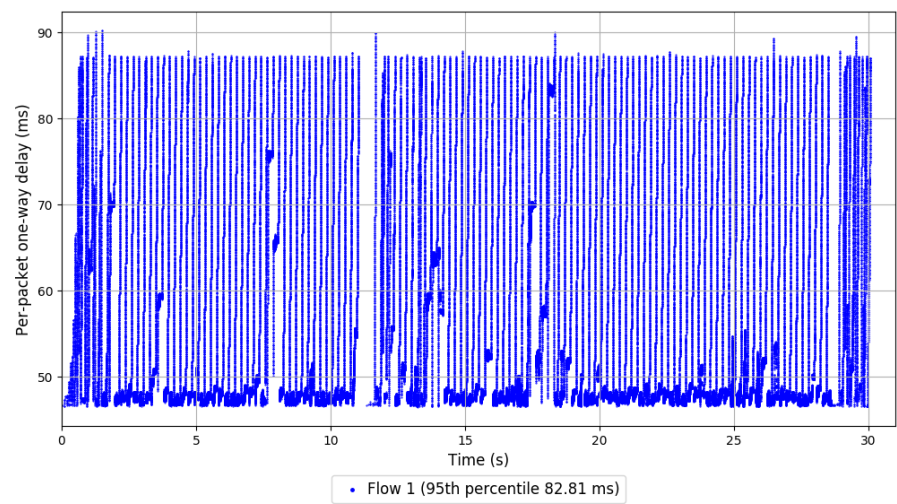
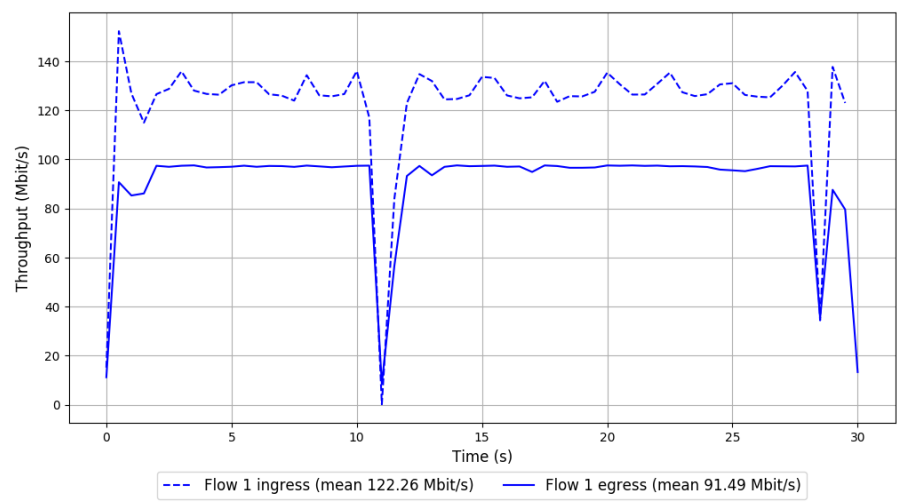


Run 5: Statistics of TCP BBR

Start at: 2017-09-18 03:04:17
End at: 2017-09-18 03:04:47
Local clock offset: -1.762 ms
Remote clock offset: -3.111 ms

Below is generated by plot.py at 2017-09-18 05:29:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.49 Mbit/s
95th percentile per-packet one-way delay: 82.806 ms
Loss rate: 25.09%
-- Flow 1:
Average throughput: 91.49 Mbit/s
95th percentile per-packet one-way delay: 82.806 ms
Loss rate: 25.09%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: 2017-09-18 03:25:06

End at: 2017-09-18 03:25:36

Local clock offset: -1.88 ms

Remote clock offset: -0.342 ms

Below is generated by plot.py at 2017-09-18 05:29:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.55 Mbit/s

95th percentile per-packet one-way delay: 87.623 ms

Loss rate: 24.36%

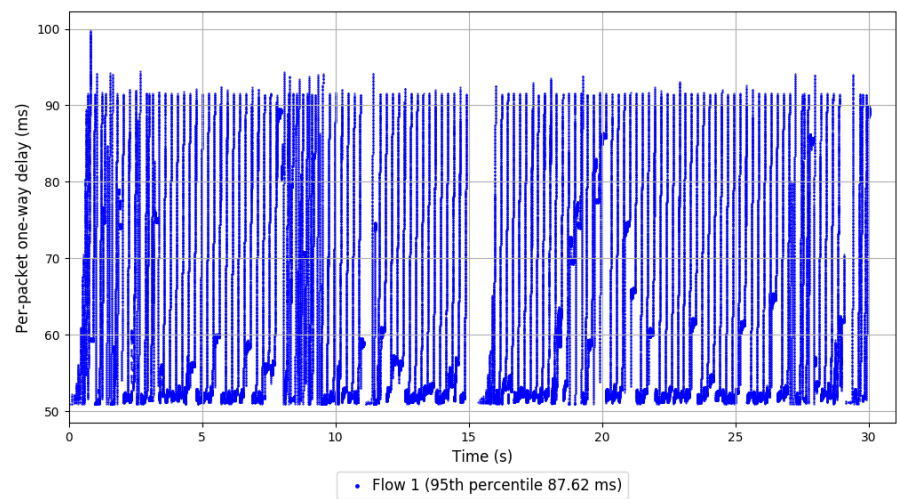
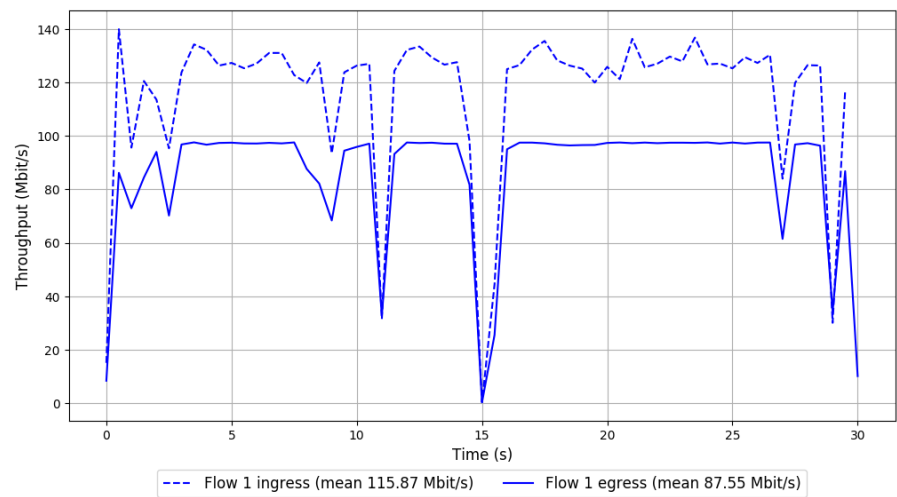
-- Flow 1:

Average throughput: 87.55 Mbit/s

95th percentile per-packet one-way delay: 87.623 ms

Loss rate: 24.36%

Run 6: Report of TCP BBR — Data Link

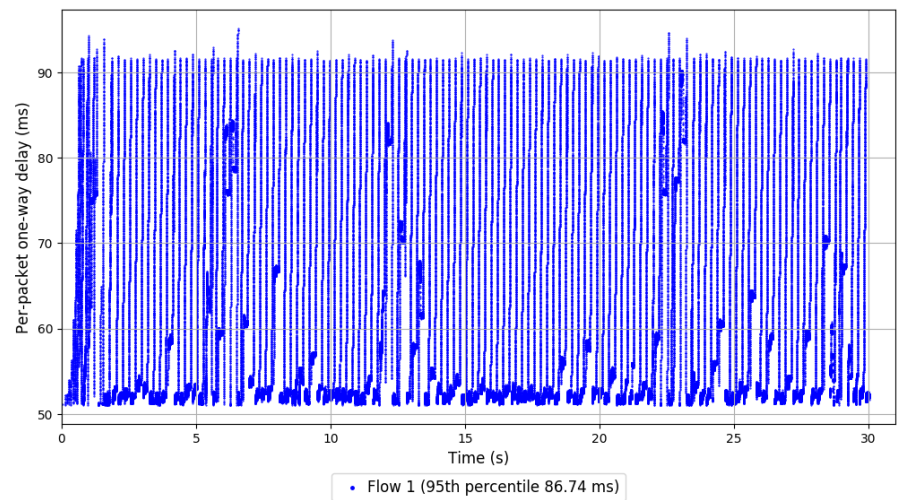
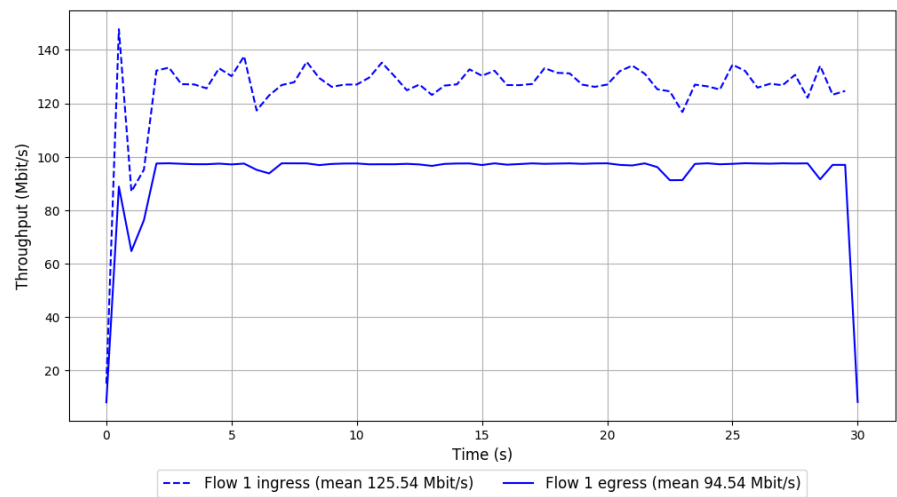


Run 7: Statistics of TCP BBR

Start at: 2017-09-18 03:46:07
End at: 2017-09-18 03:46:37
Local clock offset: -1.916 ms
Remote clock offset: -0.235 ms

Below is generated by plot.py at 2017-09-18 05:29:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.54 Mbit/s
95th percentile per-packet one-way delay: 86.736 ms
Loss rate: 24.69%
-- Flow 1:
Average throughput: 94.54 Mbit/s
95th percentile per-packet one-way delay: 86.736 ms
Loss rate: 24.69%

Run 7: Report of TCP BBR — Data Link

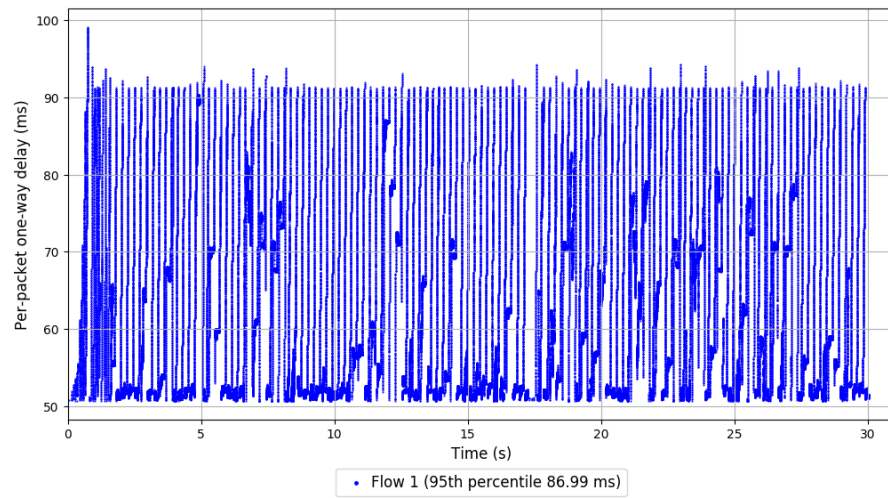
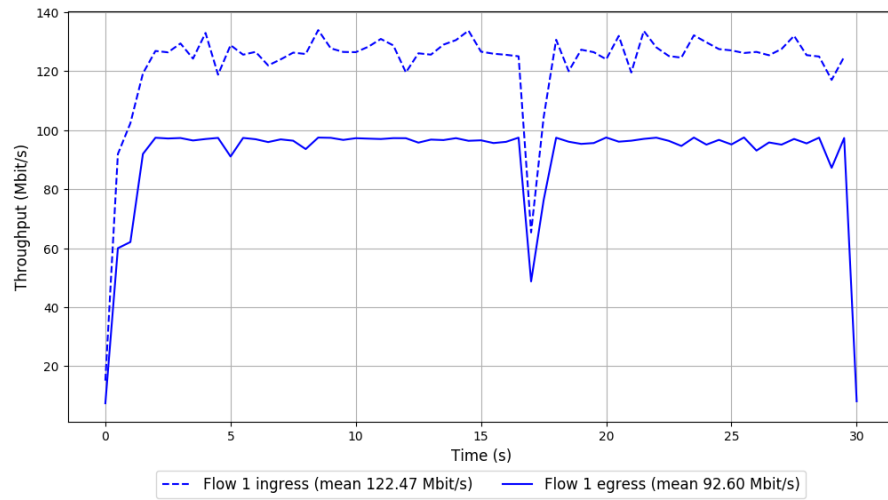


Run 8: Statistics of TCP BBR

Start at: 2017-09-18 04:07:07
End at: 2017-09-18 04:07:37
Local clock offset: -1.144 ms
Remote clock offset: -0.574 ms

Below is generated by plot.py at 2017-09-18 05:29:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.60 Mbit/s
95th percentile per-packet one-way delay: 86.991 ms
Loss rate: 24.39%
-- Flow 1:
Average throughput: 92.60 Mbit/s
95th percentile per-packet one-way delay: 86.991 ms
Loss rate: 24.39%

Run 8: Report of TCP BBR — Data Link

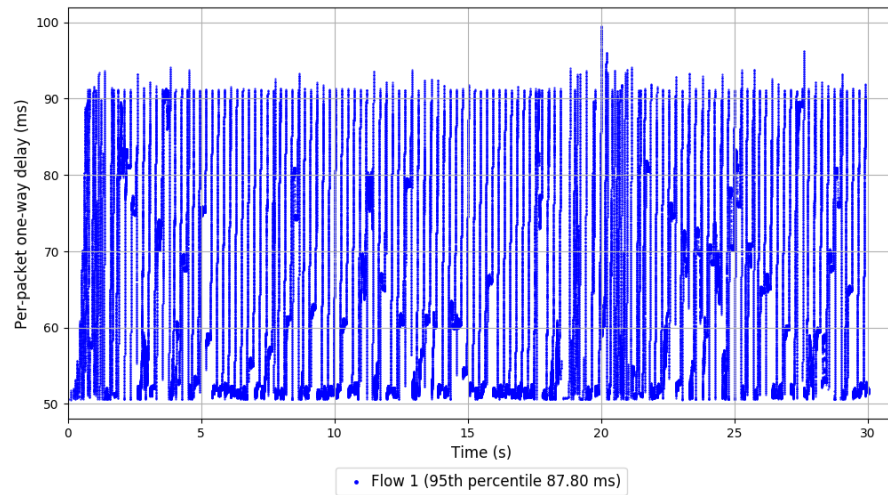
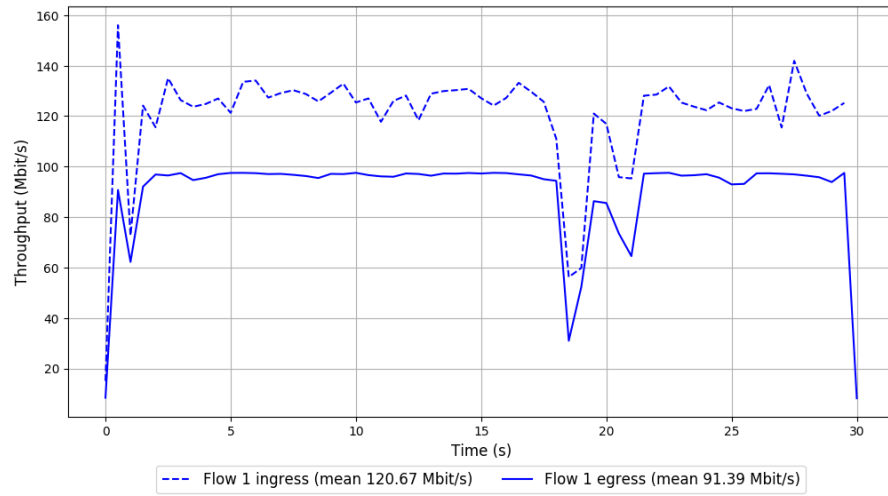


Run 9: Statistics of TCP BBR

Start at: 2017-09-18 04:28:12
End at: 2017-09-18 04:28:42
Local clock offset: -0.364 ms
Remote clock offset: -1.067 ms

Below is generated by plot.py at 2017-09-18 05:31:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.39 Mbit/s
95th percentile per-packet one-way delay: 87.803 ms
Loss rate: 24.26%
-- Flow 1:
Average throughput: 91.39 Mbit/s
95th percentile per-packet one-way delay: 87.803 ms
Loss rate: 24.26%

Run 9: Report of TCP BBR — Data Link

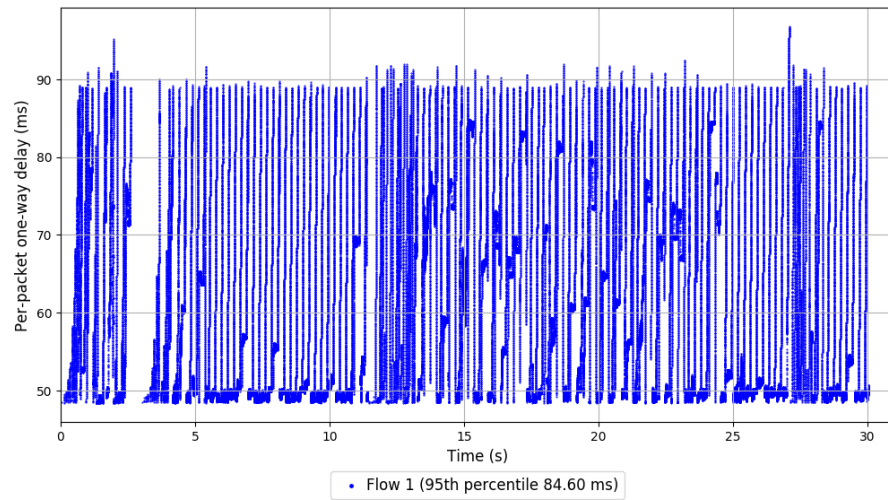
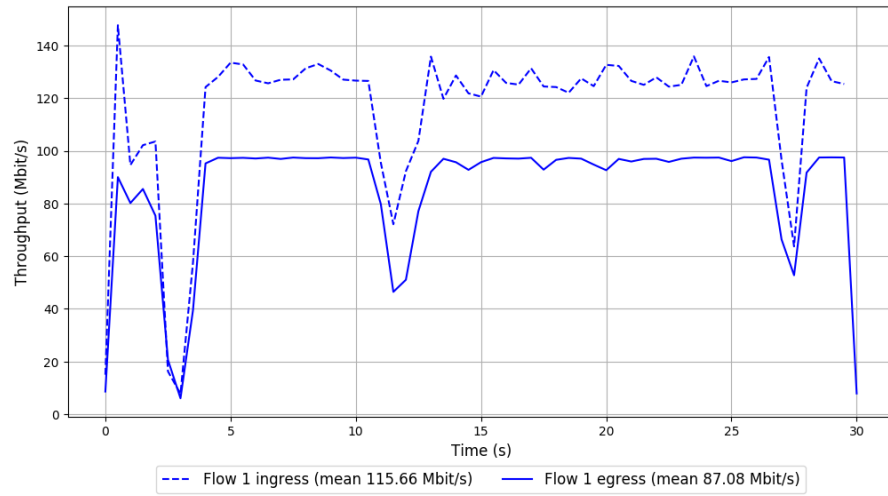


Run 10: Statistics of TCP BBR

Start at: 2017-09-18 04:49:59
End at: 2017-09-18 04:50:29
Local clock offset: 0.42 ms
Remote clock offset: -3.233 ms

Below is generated by plot.py at 2017-09-18 05:31:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.08 Mbit/s
95th percentile per-packet one-way delay: 84.601 ms
Loss rate: 24.71%
-- Flow 1:
Average throughput: 87.08 Mbit/s
95th percentile per-packet one-way delay: 84.601 ms
Loss rate: 24.71%

Run 10: Report of TCP BBR — Data Link

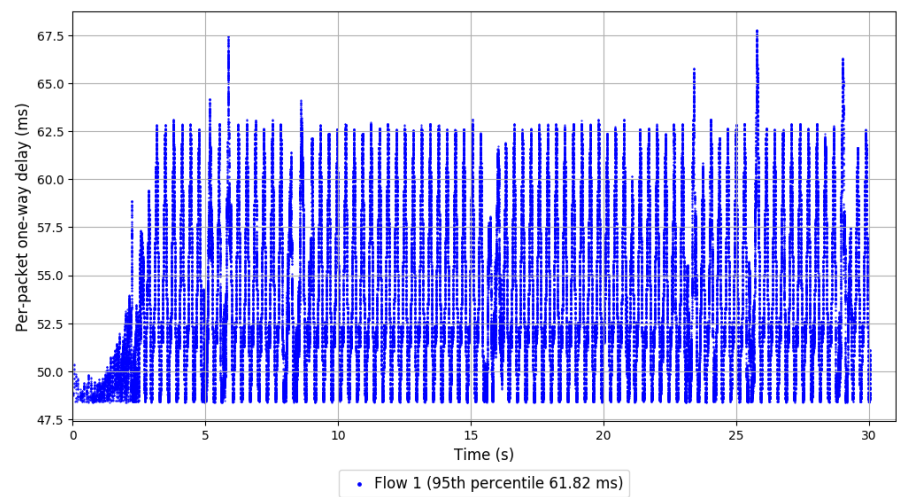
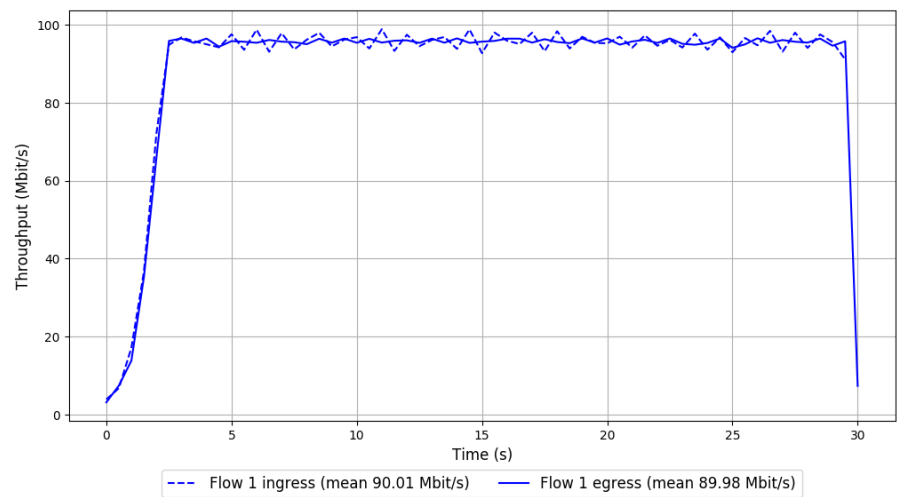


Run 1: Statistics of CalibratedKoho

Start at: 2017-09-18 01:53:13
End at: 2017-09-18 01:53:43
Local clock offset: 0.026 ms
Remote clock offset: -2.516 ms

Below is generated by plot.py at 2017-09-18 05:31:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.98 Mbit/s
95th percentile per-packet one-way delay: 61.820 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 89.98 Mbit/s
95th percentile per-packet one-way delay: 61.820 ms
Loss rate: 0.02%

Run 1: Report of CalibratedKoho — Data Link

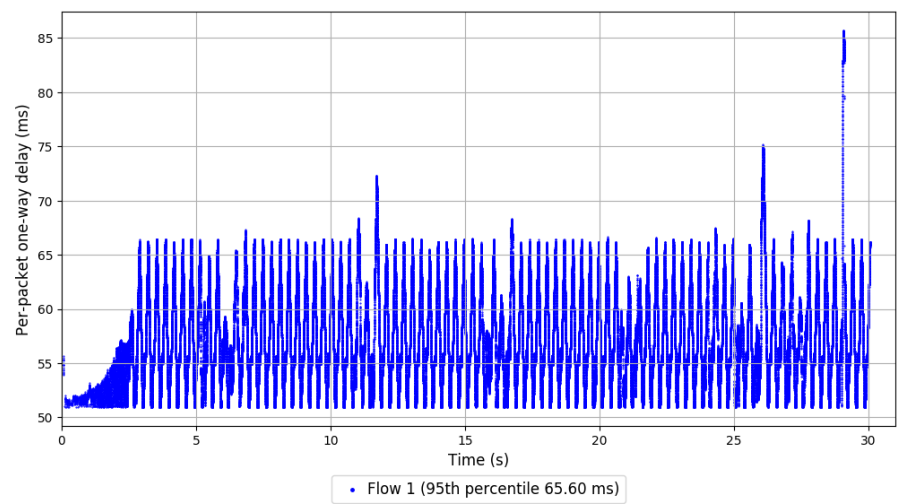
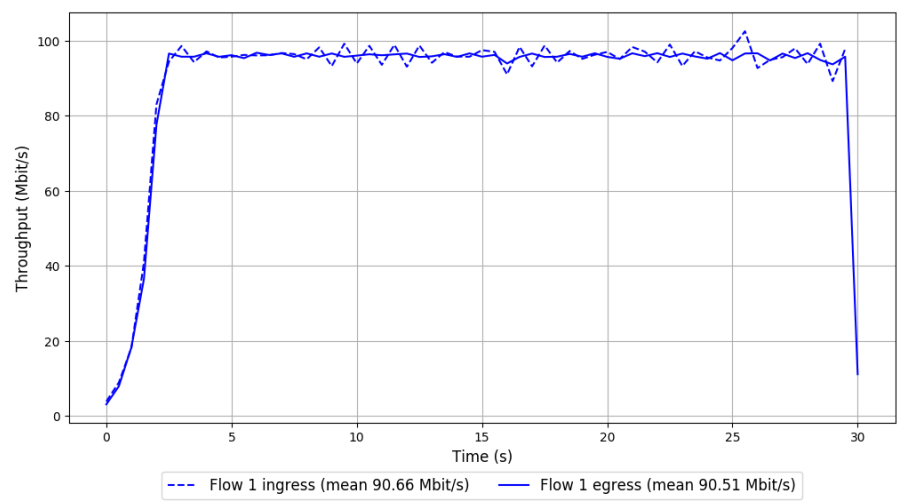


Run 2: Statistics of CalibratedKoho

Start at: 2017-09-18 02:13:49
End at: 2017-09-18 02:14:19
Local clock offset: -0.307 ms
Remote clock offset: -0.394 ms

Below is generated by plot.py at 2017-09-18 05:31:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.51 Mbit/s
95th percentile per-packet one-way delay: 65.602 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 90.51 Mbit/s
95th percentile per-packet one-way delay: 65.602 ms
Loss rate: 0.13%

Run 2: Report of CalibratedKoho — Data Link



Run 3: Statistics of CalibratedKoho

Start at: 2017-09-18 02:34:29

End at: 2017-09-18 02:34:59

Local clock offset: -0.868 ms

Remote clock offset: -3.4 ms

Below is generated by plot.py at 2017-09-18 05:31:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.50 Mbit/s

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

Loss rate: 0.00%

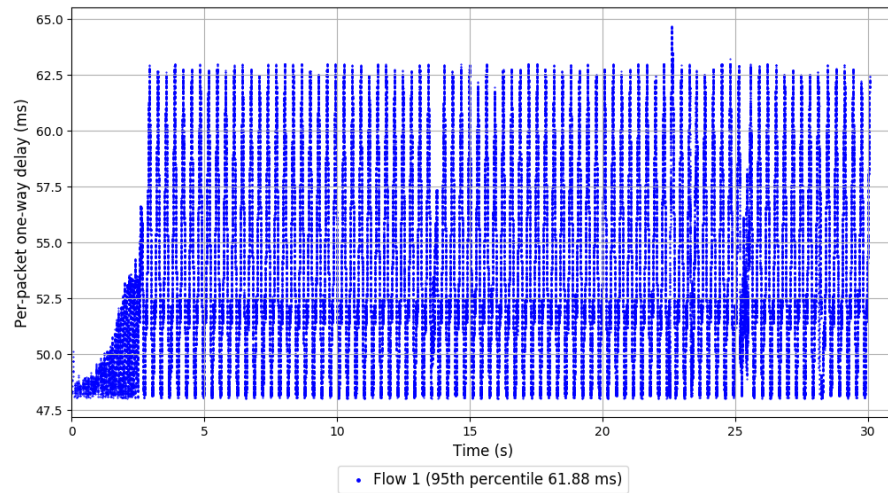
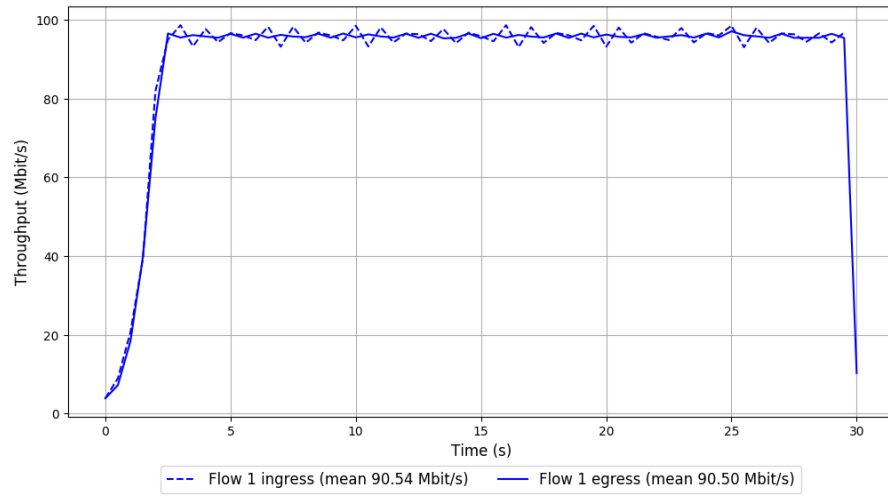
-- Flow 1:

Average throughput: 90.50 Mbit/s

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

Loss rate: 0.00%

Run 3: Report of CalibratedKoho — Data Link

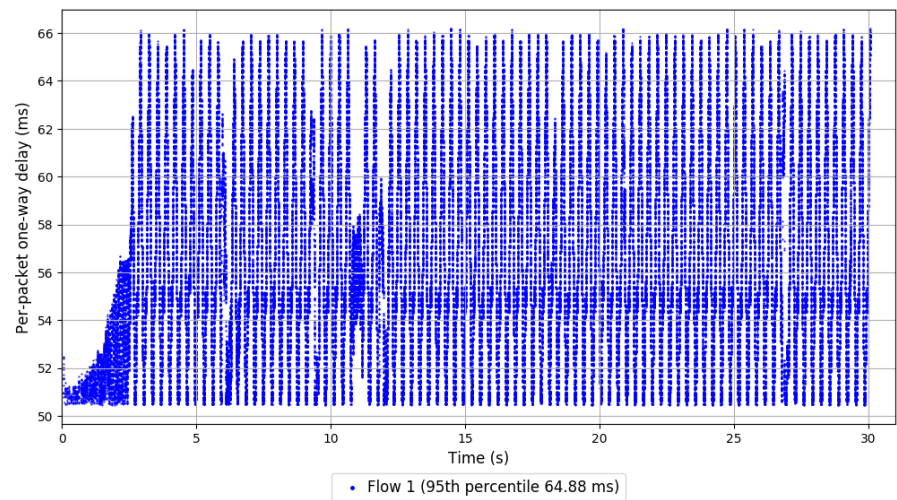
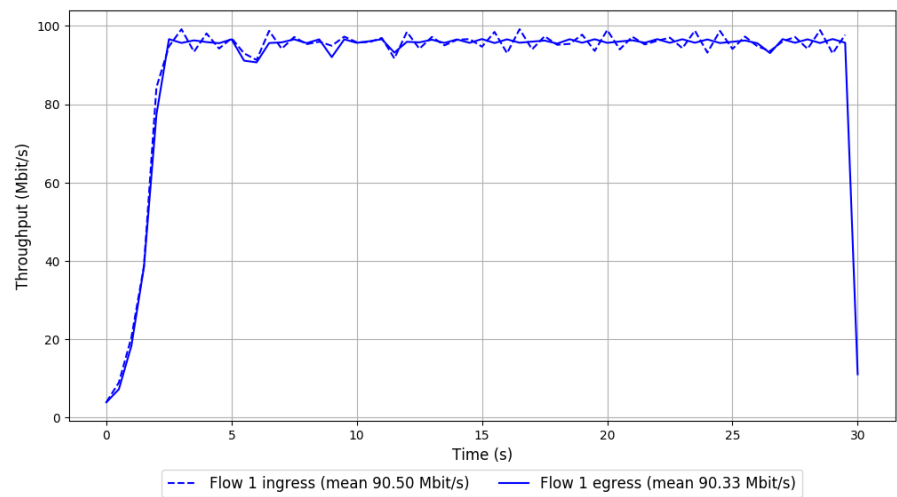


Run 4: Statistics of CalibratedKoho

Start at: 2017-09-18 02:54:56
End at: 2017-09-18 02:55:26
Local clock offset: -1.464 ms
Remote clock offset: -1.013 ms

Below is generated by plot.py at 2017-09-18 05:31:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.33 Mbit/s
95th percentile per-packet one-way delay: 64.883 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 90.33 Mbit/s
95th percentile per-packet one-way delay: 64.883 ms
Loss rate: 0.14%

Run 4: Report of CalibratedKoho — Data Link

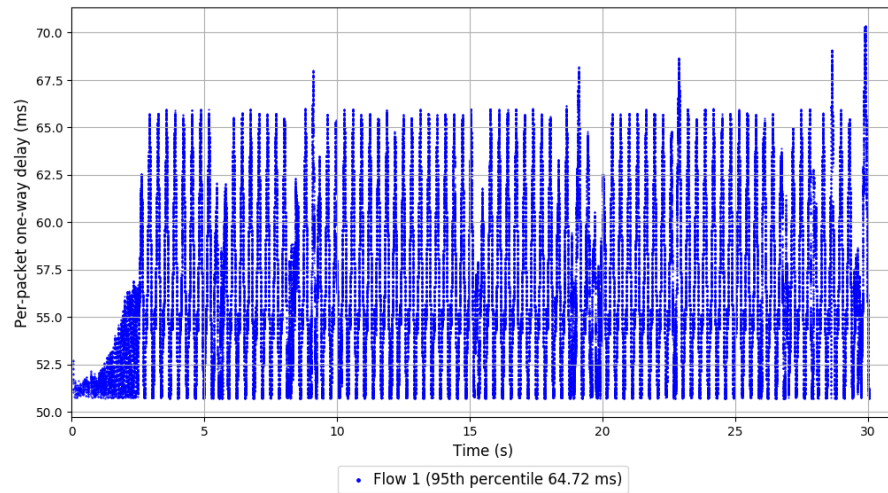
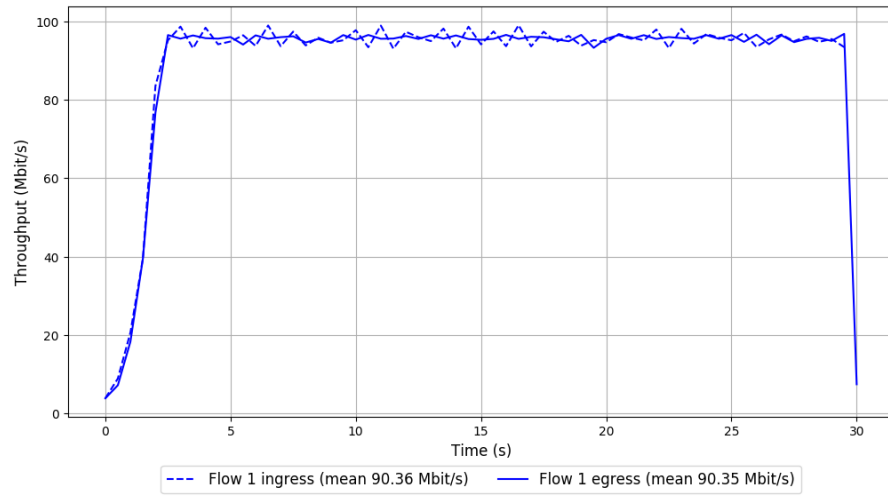


Run 5: Statistics of CalibratedKoho

Start at: 2017-09-18 03:15:24
End at: 2017-09-18 03:15:54
Local clock offset: -1.771 ms
Remote clock offset: -0.368 ms

Below is generated by plot.py at 2017-09-18 05:31:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.35 Mbit/s
95th percentile per-packet one-way delay: 64.720 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 90.35 Mbit/s
95th percentile per-packet one-way delay: 64.720 ms
Loss rate: 0.02%

Run 5: Report of CalibratedKoho — Data Link

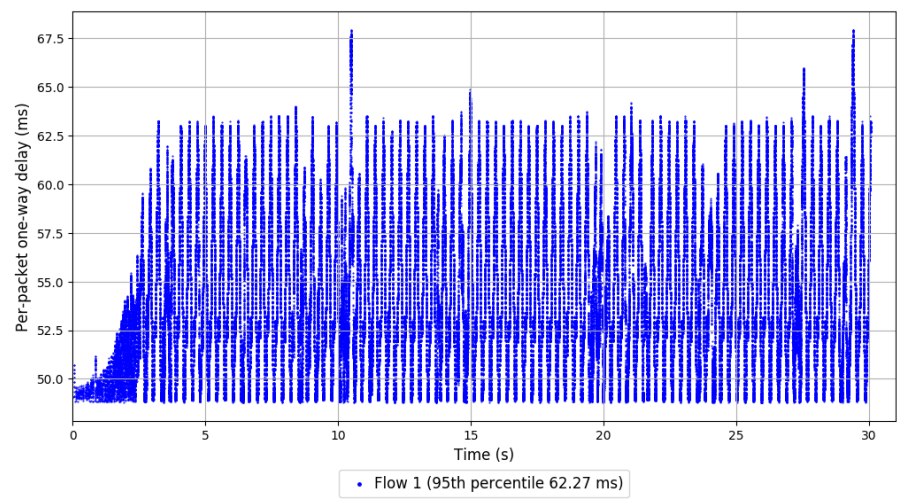
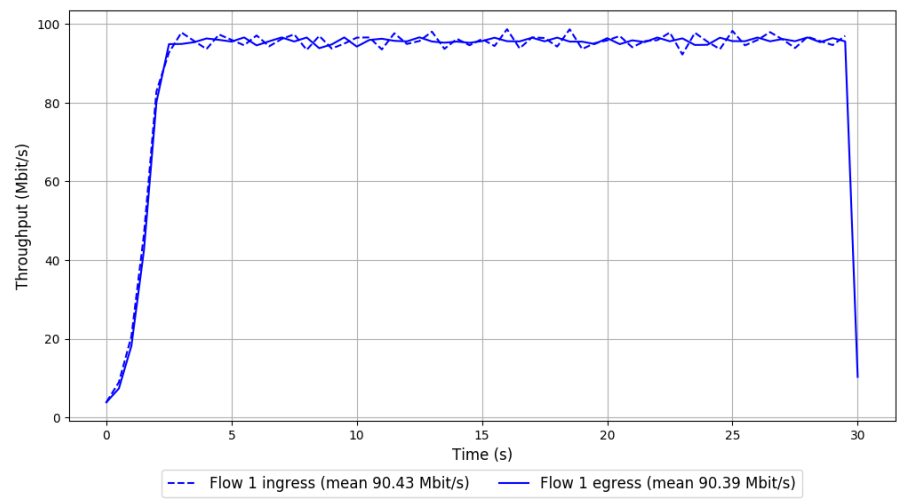


Run 6: Statistics of CalibratedKoho

Start at: 2017-09-18 03:36:21
End at: 2017-09-18 03:36:51
Local clock offset: -1.805 ms
Remote clock offset: -0.662 ms

Below is generated by plot.py at 2017-09-18 05:31:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.39 Mbit/s
95th percentile per-packet one-way delay: 62.273 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 90.39 Mbit/s
95th percentile per-packet one-way delay: 62.273 ms
Loss rate: 0.00%

Run 6: Report of CalibratedKoho — Data Link

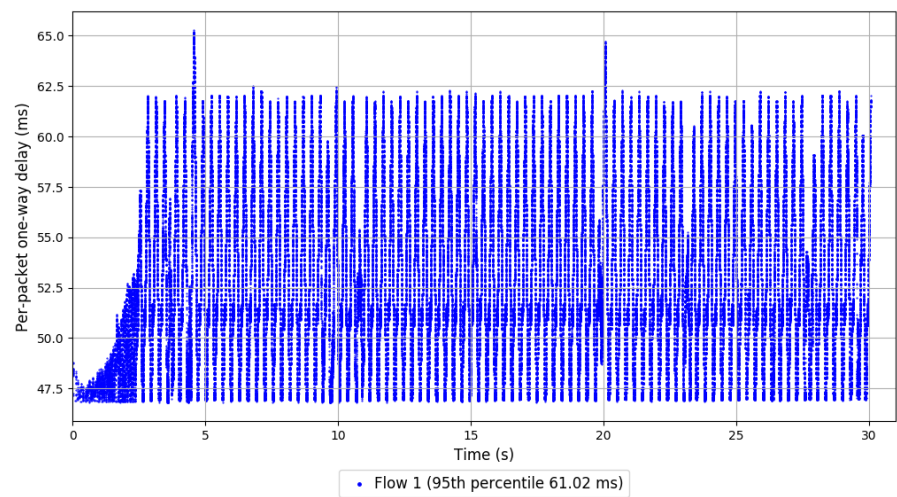
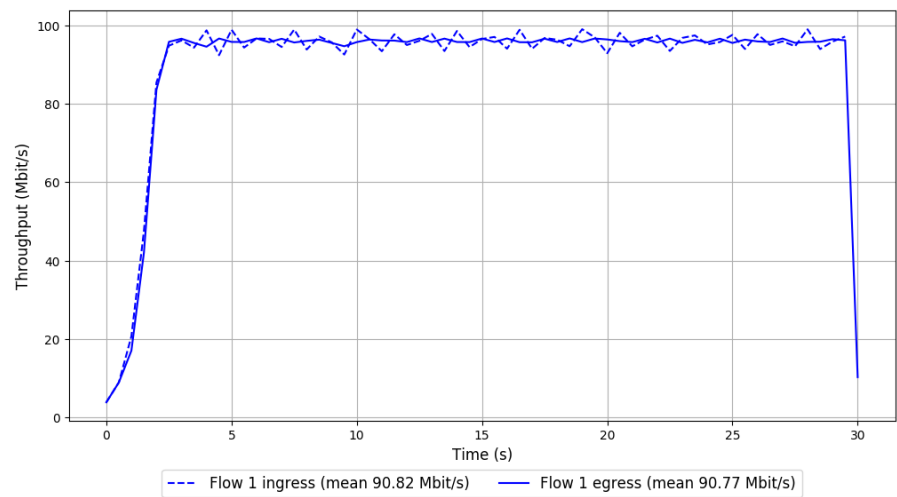


Run 7: Statistics of CalibratedKoho

Start at: 2017-09-18 03:57:28
End at: 2017-09-18 03:57:58
Local clock offset: -1.581 ms
Remote clock offset: -2.842 ms

Below is generated by plot.py at 2017-09-18 05:32:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.77 Mbit/s
95th percentile per-packet one-way delay: 61.016 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 90.77 Mbit/s
95th percentile per-packet one-way delay: 61.016 ms
Loss rate: 0.00%

Run 7: Report of CalibratedKoho — Data Link

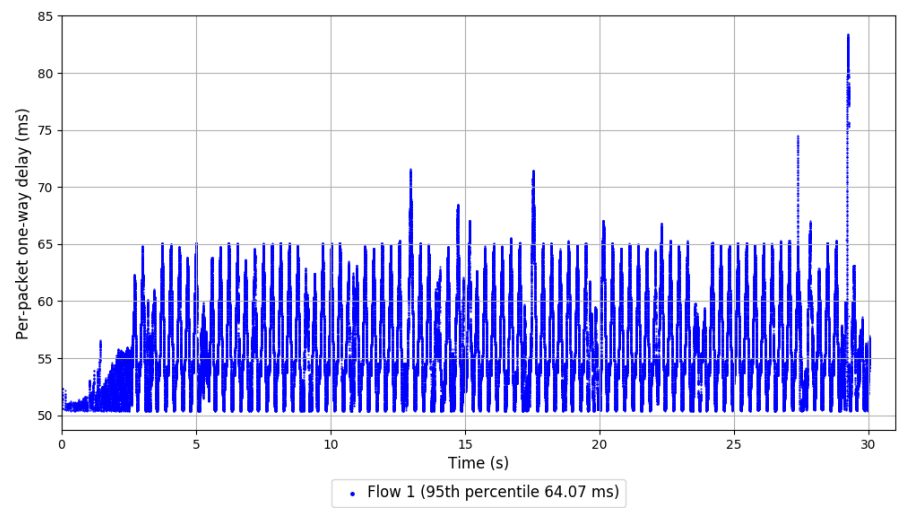
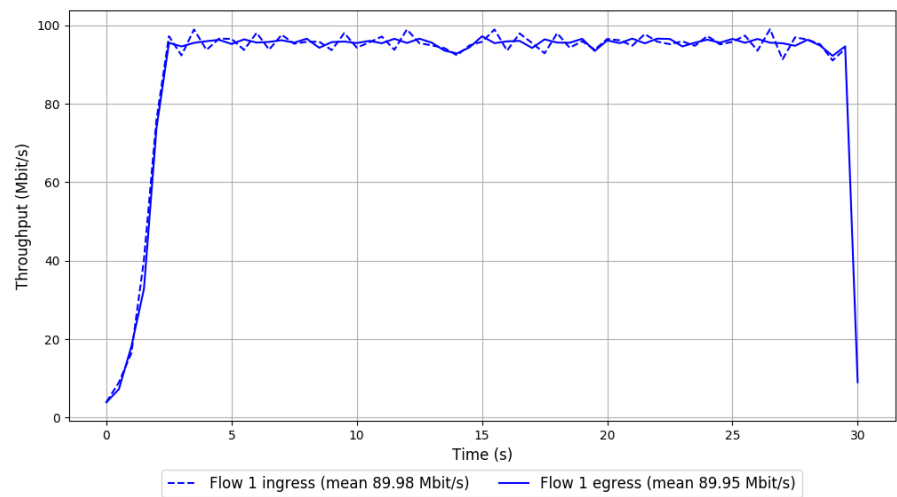


Run 8: Statistics of CalibratedKoho

Start at: 2017-09-18 04:18:14
End at: 2017-09-18 04:18:44
Local clock offset: -0.732 ms
Remote clock offset: -1.046 ms

Below is generated by plot.py at 2017-09-18 05:32:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.95 Mbit/s
95th percentile per-packet one-way delay: 64.069 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 89.95 Mbit/s
95th percentile per-packet one-way delay: 64.069 ms
Loss rate: 0.02%

Run 8: Report of CalibratedKoho — Data Link

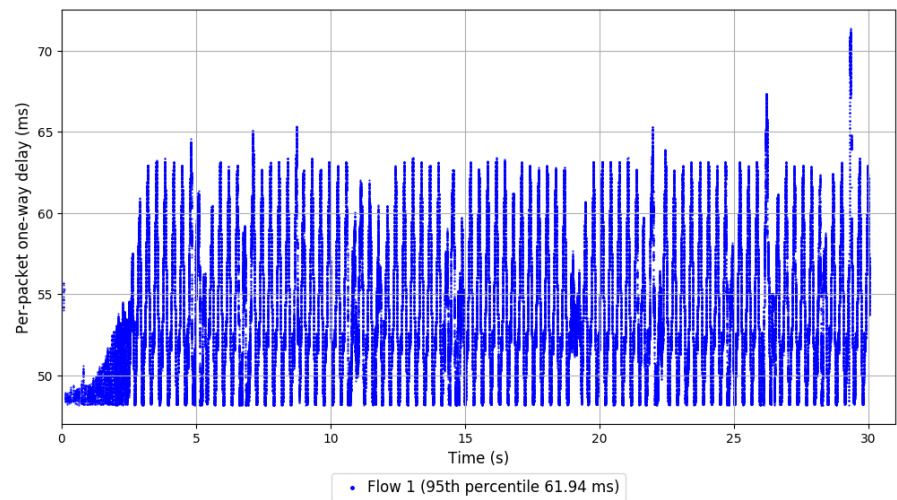
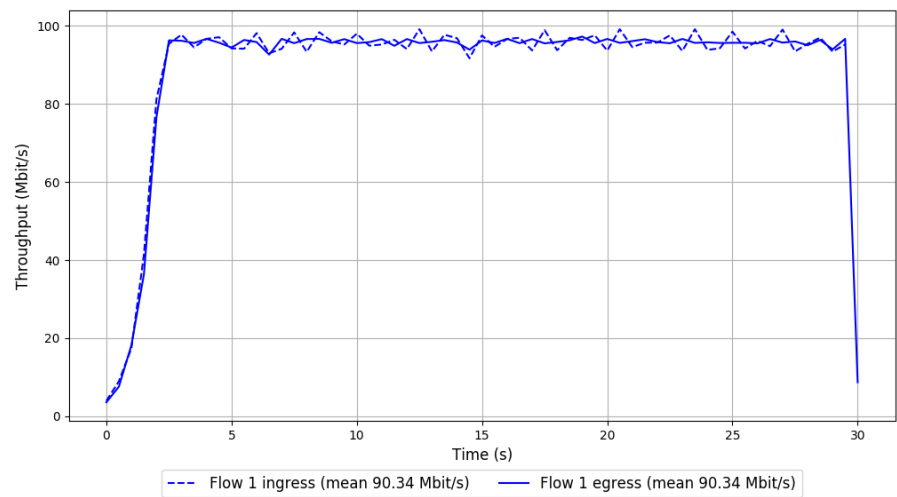


Run 9: Statistics of CalibratedKoho

Start at: 2017-09-18 04:40:01
End at: 2017-09-18 04:40:31
Local clock offset: 0.078 ms
Remote clock offset: -3.258 ms

Below is generated by plot.py at 2017-09-18 05:32:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.34 Mbit/s
95th percentile per-packet one-way delay: 61.936 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 90.34 Mbit/s
95th percentile per-packet one-way delay: 61.936 ms
Loss rate: 0.00%

Run 9: Report of CalibratedKoho — Data Link

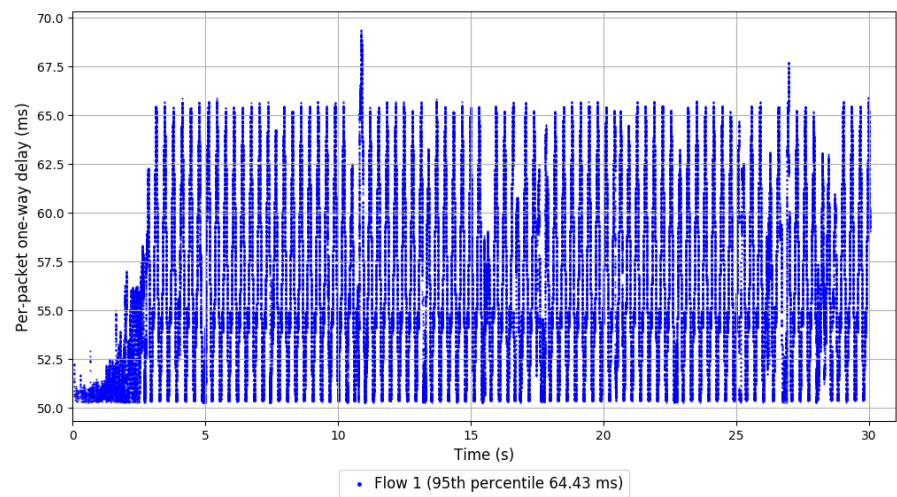
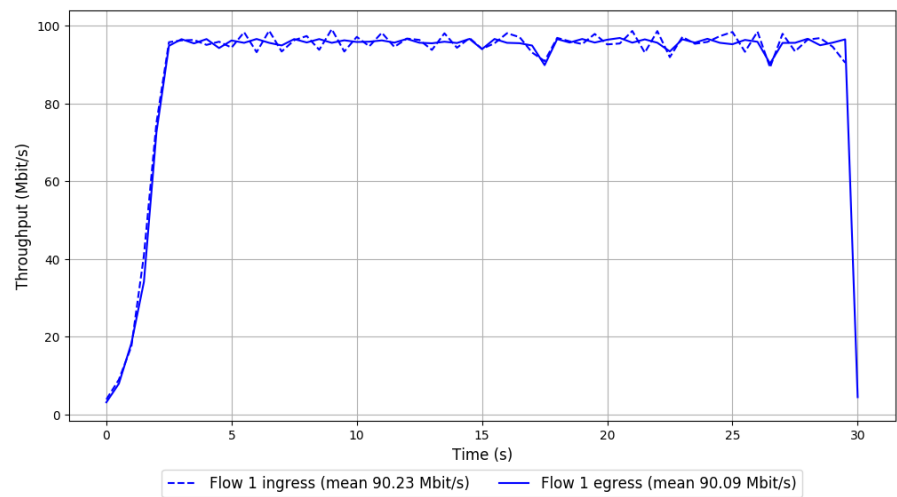


Run 10: Statistics of CalibratedKoho

Start at: 2017-09-18 05:01:40
End at: 2017-09-18 05:02:10
Local clock offset: 0.816 ms
Remote clock offset: -1.109 ms

Below is generated by plot.py at 2017-09-18 05:32:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.09 Mbit/s
95th percentile per-packet one-way delay: 64.431 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 90.09 Mbit/s
95th percentile per-packet one-way delay: 64.431 ms
Loss rate: 0.13%

Run 10: Report of CalibratedKoho — Data Link

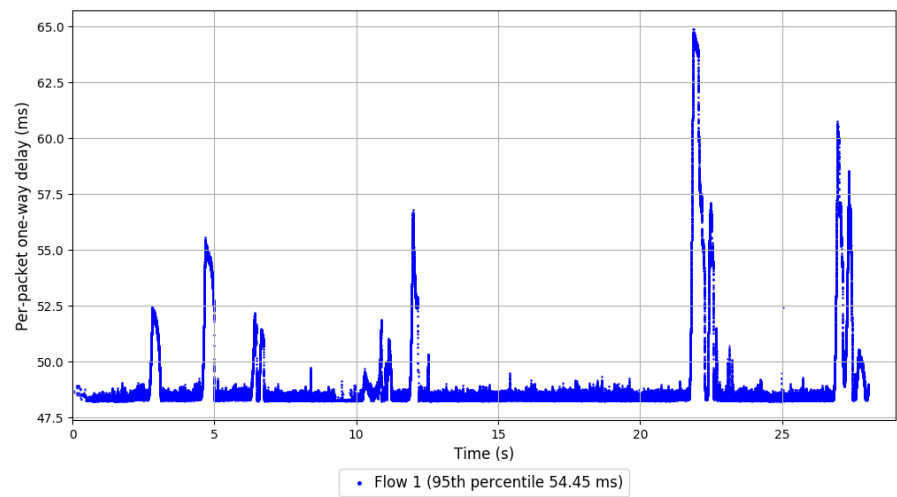
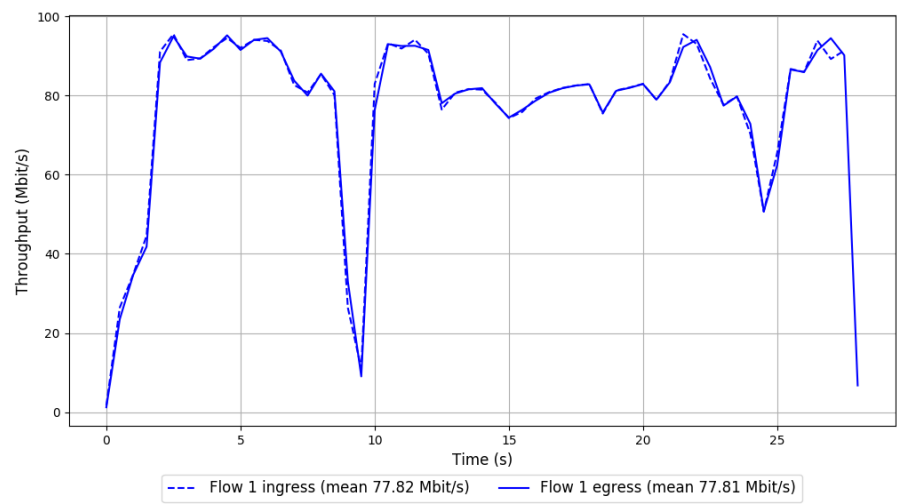


Run 1: Statistics of Copa

Start at: 2017-09-18 01:48:46
End at: 2017-09-18 01:49:16
Local clock offset: 0.001 ms
Remote clock offset: -2.452 ms

Below is generated by plot.py at 2017-09-18 05:32:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.81 Mbit/s
95th percentile per-packet one-way delay: 54.453 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 77.81 Mbit/s
95th percentile per-packet one-way delay: 54.453 ms
Loss rate: 0.00%

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

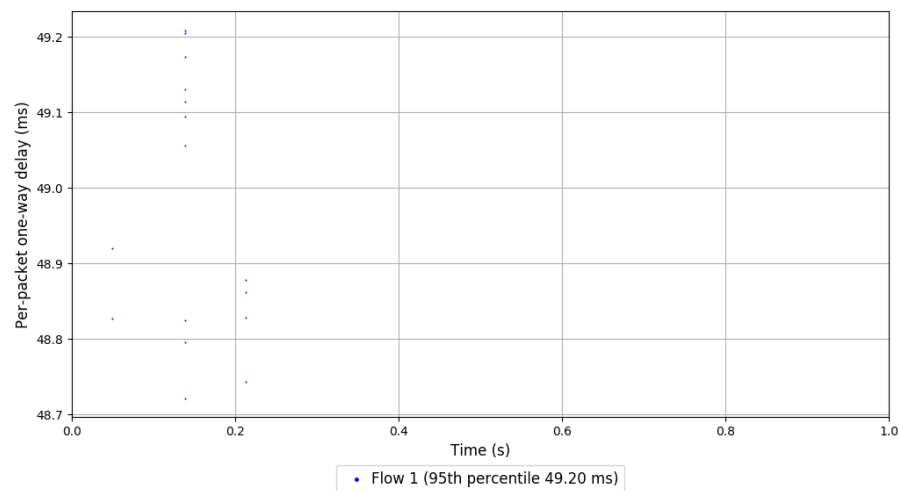
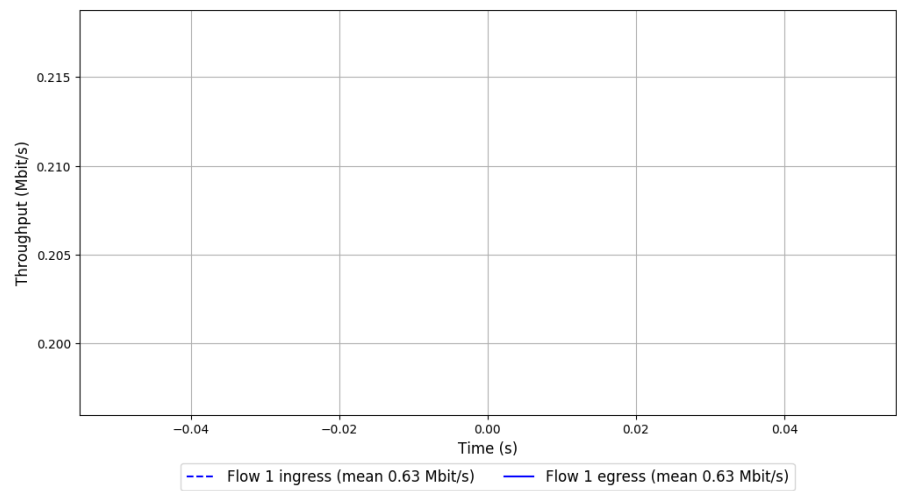
Start at: 2017-09-18 02:09:44

End at: 2017-09-18 02:10:14

Local clock offset: -0.311 ms

Remote clock offset: -2.831 ms

Run 2: Report of Copa — Data Link

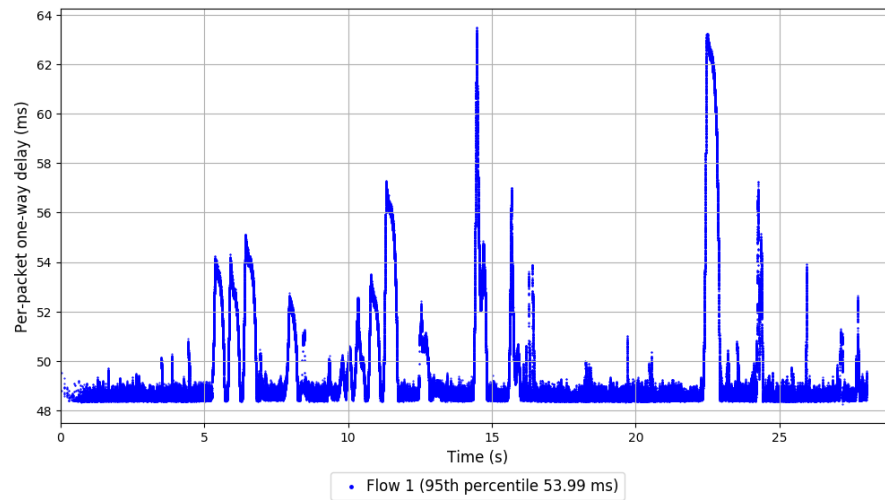
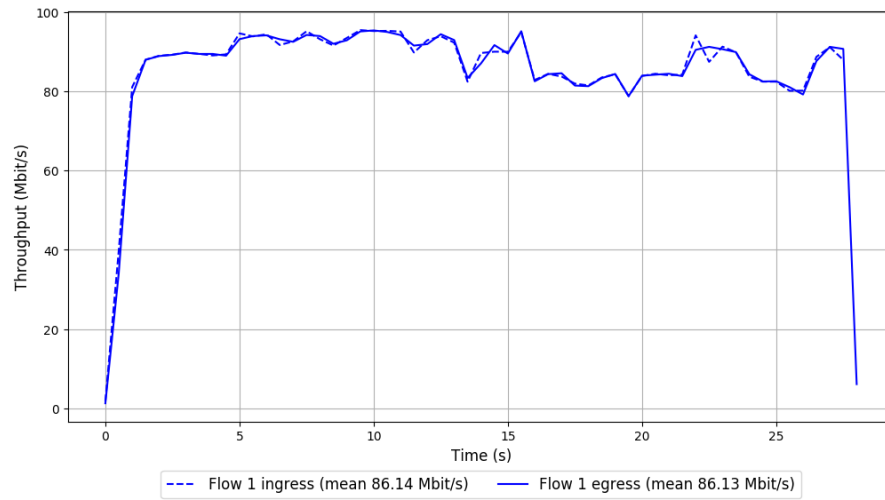


Run 3: Statistics of Copa

Start at: 2017-09-18 02:30:17
End at: 2017-09-18 02:30:47
Local clock offset: -0.757 ms
Remote clock offset: -3.241 ms

Below is generated by plot.py at 2017-09-18 05:33:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.13 Mbit/s
95th percentile per-packet one-way delay: 53.990 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 86.13 Mbit/s
95th percentile per-packet one-way delay: 53.990 ms
Loss rate: 0.03%

Run 3: Report of Copa — Data Link

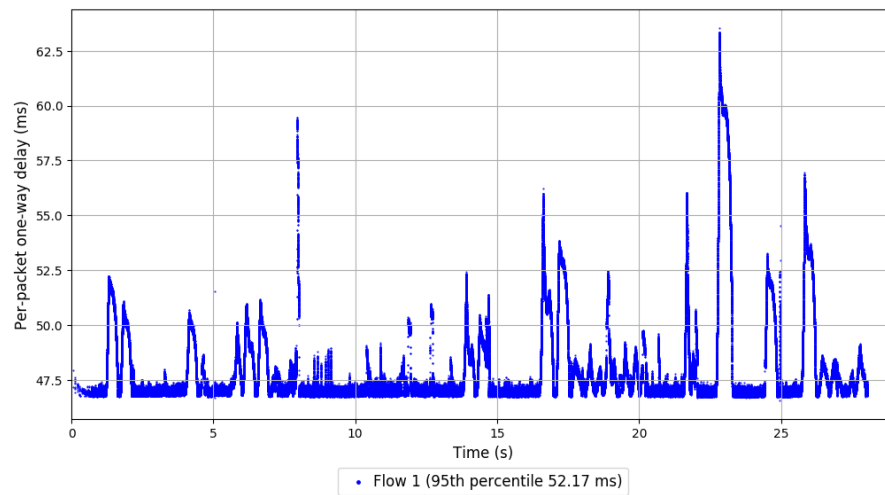
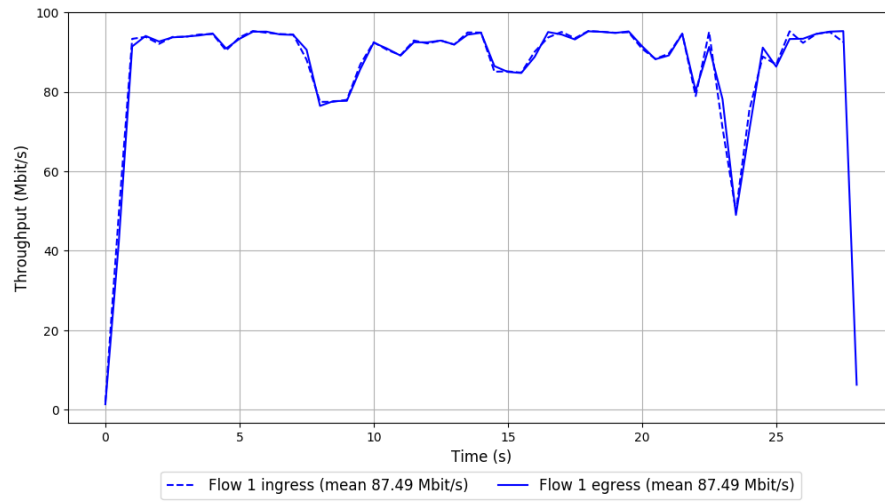


Run 4: Statistics of Copa

Start at: 2017-09-18 02:50:49
End at: 2017-09-18 02:51:19
Local clock offset: -1.329 ms
Remote clock offset: -3.129 ms

Below is generated by plot.py at 2017-09-18 05:33:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.49 Mbit/s
95th percentile per-packet one-way delay: 52.173 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 87.49 Mbit/s
95th percentile per-packet one-way delay: 52.173 ms
Loss rate: 0.00%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: 2017-09-18 03:11:03

End at: 2017-09-18 03:11:33

Local clock offset: -1.841 ms

Remote clock offset: -0.33 ms

Below is generated by plot.py at 2017-09-18 05:33:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.76 Mbit/s

95th percentile per-packet one-way delay: 54.043 ms

Loss rate: 0.04%

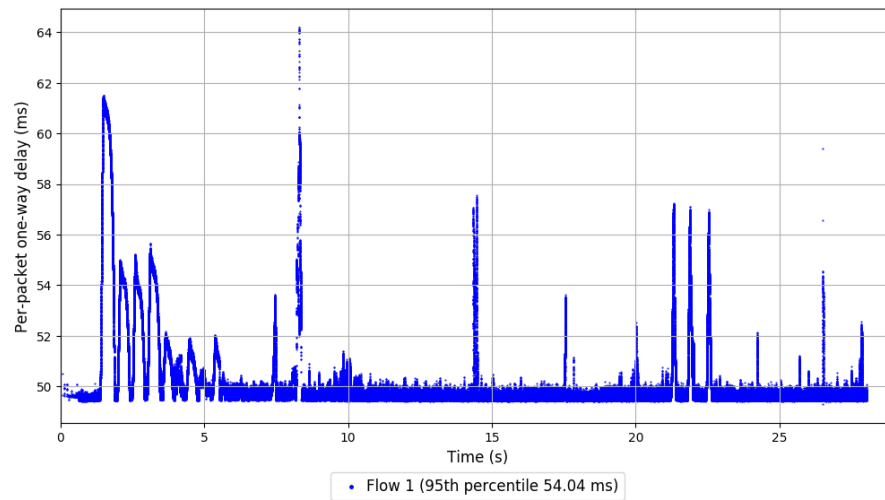
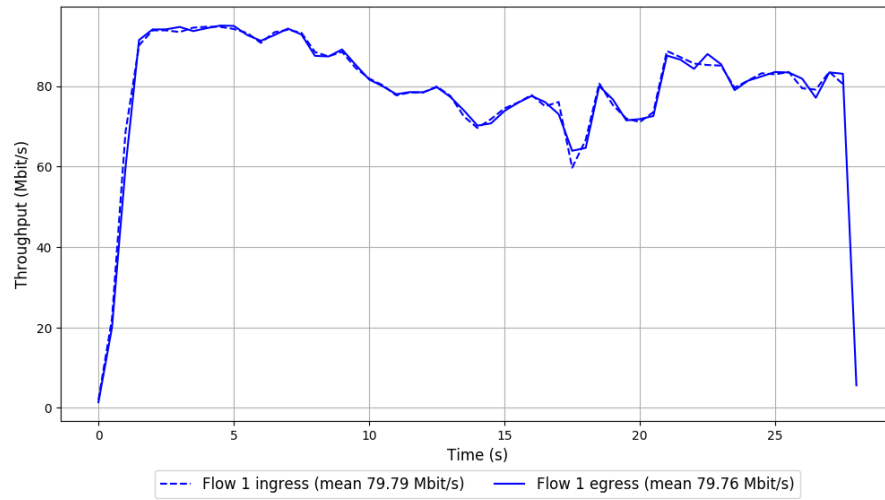
-- Flow 1:

Average throughput: 79.76 Mbit/s

95th percentile per-packet one-way delay: 54.043 ms

Loss rate: 0.04%

Run 5: Report of Copa — Data Link

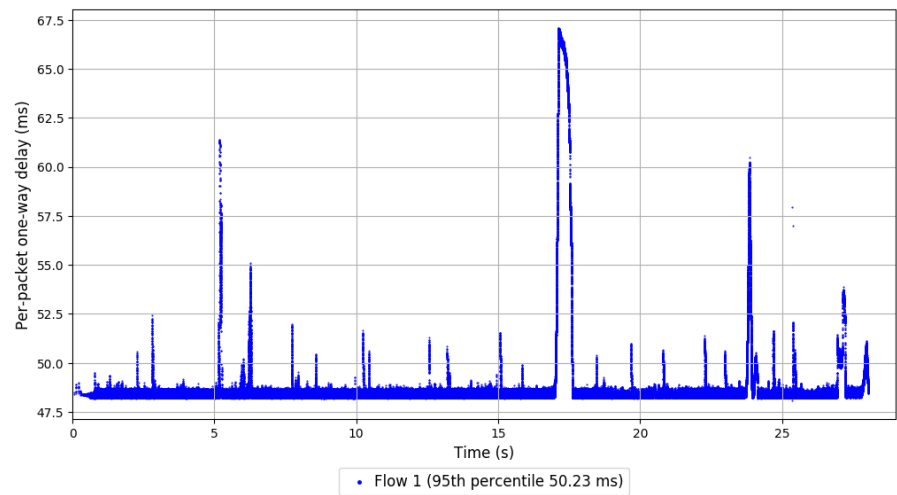
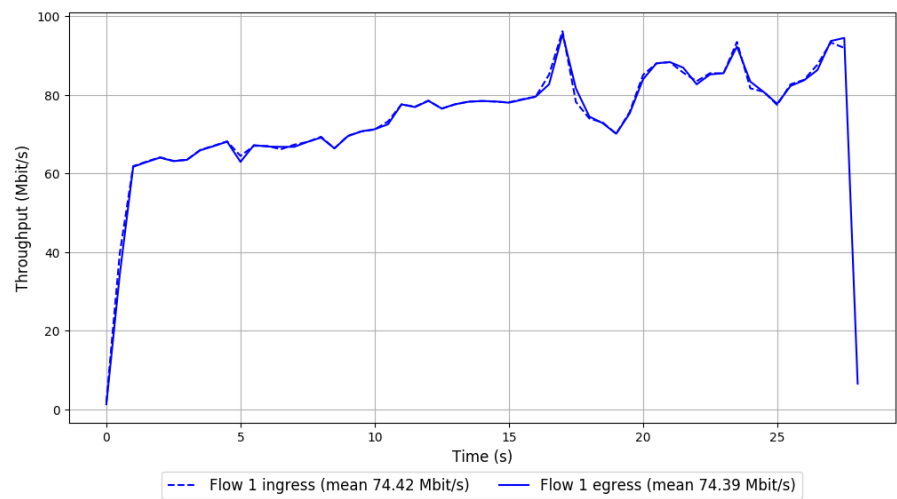


Run 6: Statistics of Copa

Start at: 2017-09-18 03:31:59
End at: 2017-09-18 03:32:30
Local clock offset: -1.895 ms
Remote clock offset: -2.796 ms

Below is generated by plot.py at 2017-09-18 05:34:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.39 Mbit/s
95th percentile per-packet one-way delay: 50.233 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 74.39 Mbit/s
95th percentile per-packet one-way delay: 50.233 ms
Loss rate: 0.04%

Run 6: Report of Copa — Data Link

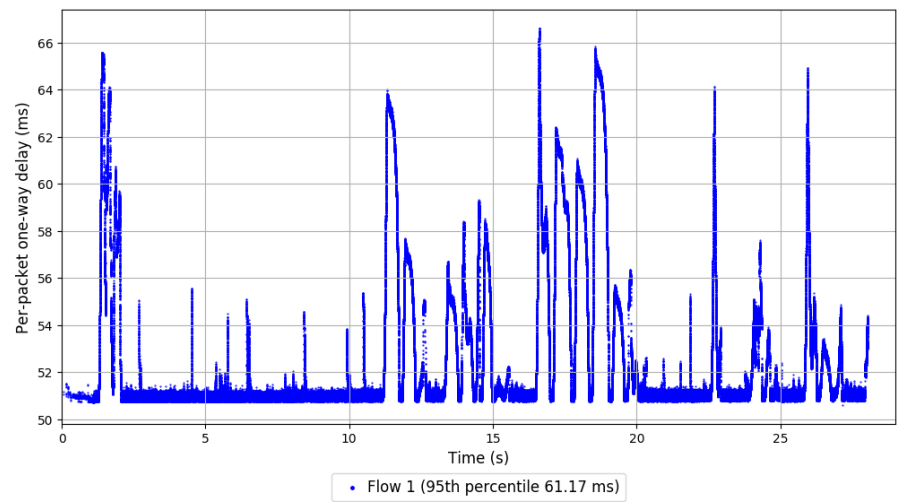
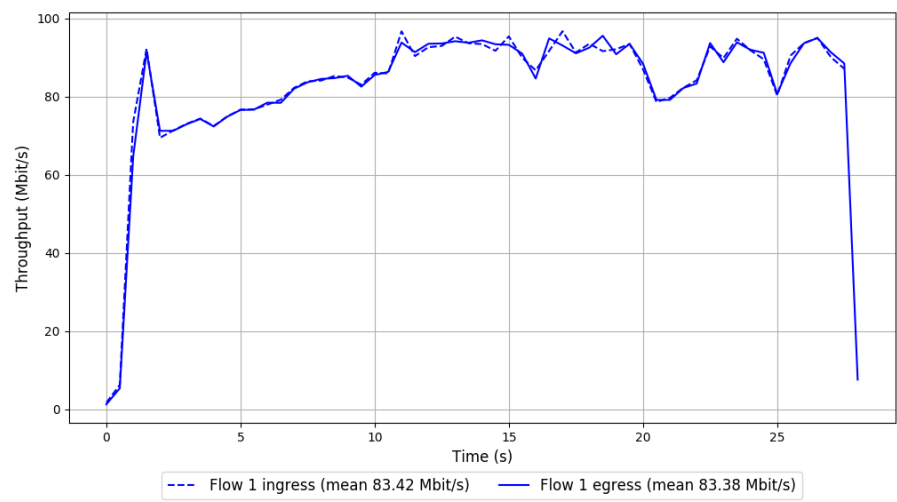


Run 7: Statistics of Copa

Start at: 2017-09-18 03:52:57
End at: 2017-09-18 03:53:27
Local clock offset: -1.739 ms
Remote clock offset: -0.303 ms

Below is generated by plot.py at 2017-09-18 05:34:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.38 Mbit/s
95th percentile per-packet one-way delay: 61.173 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 83.38 Mbit/s
95th percentile per-packet one-way delay: 61.173 ms
Loss rate: 0.04%

Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

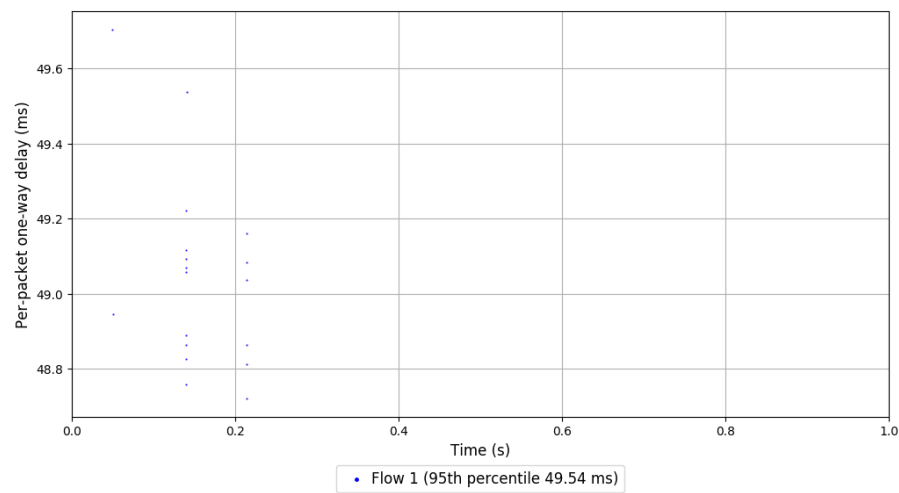
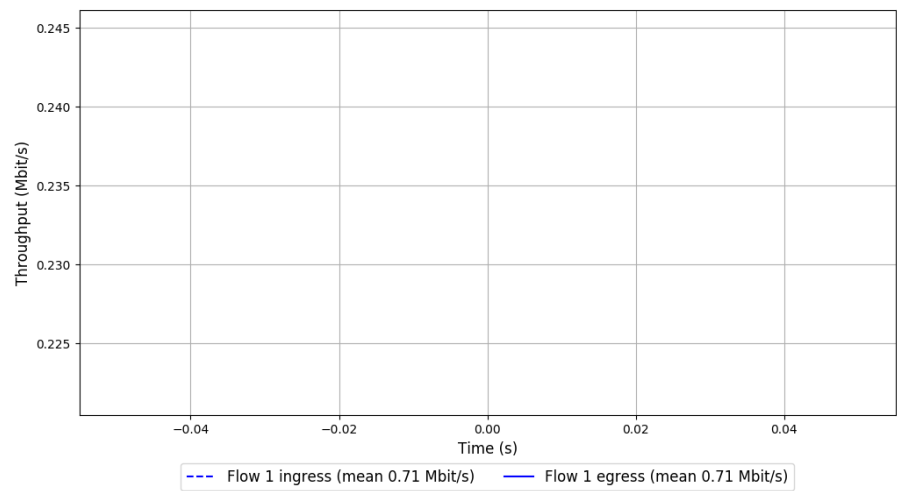
Start at: 2017-09-18 04:14:08

End at: 2017-09-18 04:14:38

Local clock offset: -0.893 ms

Remote clock offset: -3.099 ms

Run 8: Report of Copa — Data Link

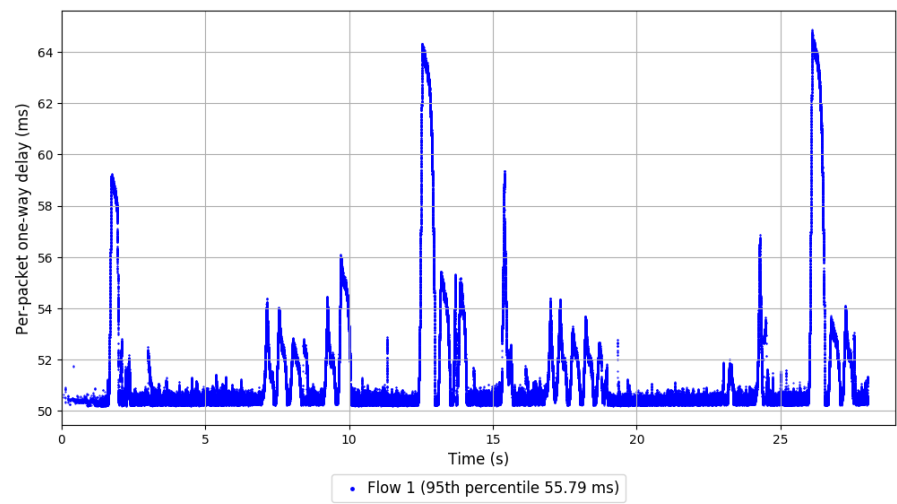
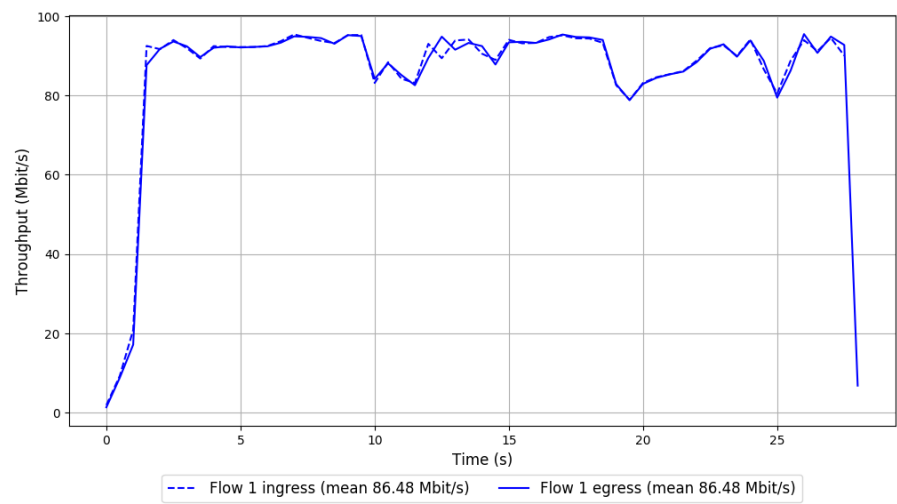


Run 9: Statistics of Copa

Start at: 2017-09-18 04:35:28
End at: 2017-09-18 04:35:58
Local clock offset: 0.012 ms
Remote clock offset: -1.125 ms

Below is generated by plot.py at 2017-09-18 05:34:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.48 Mbit/s
95th percentile per-packet one-way delay: 55.791 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 86.48 Mbit/s
95th percentile per-packet one-way delay: 55.791 ms
Loss rate: 0.00%

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: 2017-09-18 04:57:08

End at: 2017-09-18 04:57:38

Local clock offset: 0.771 ms

Remote clock offset: -1.09 ms

Below is generated by plot.py at 2017-09-18 05:34:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.80 Mbit/s

95th percentile per-packet one-way delay: 55.254 ms

Loss rate: 0.08%

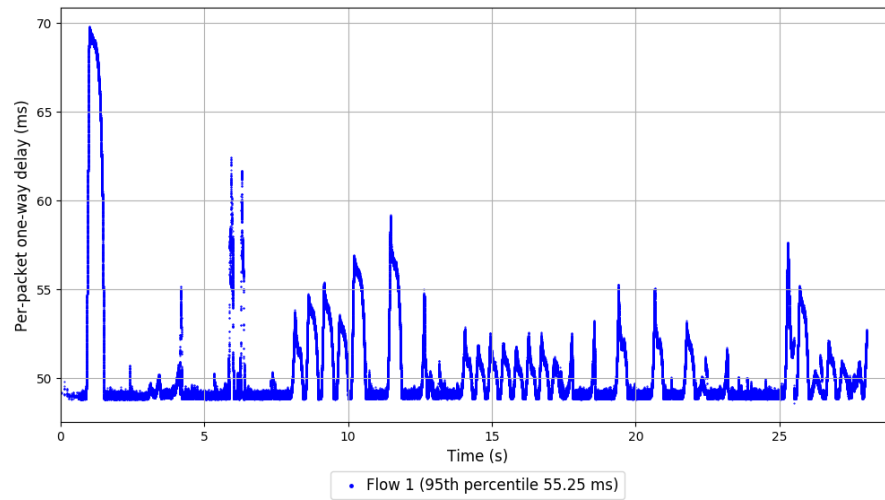
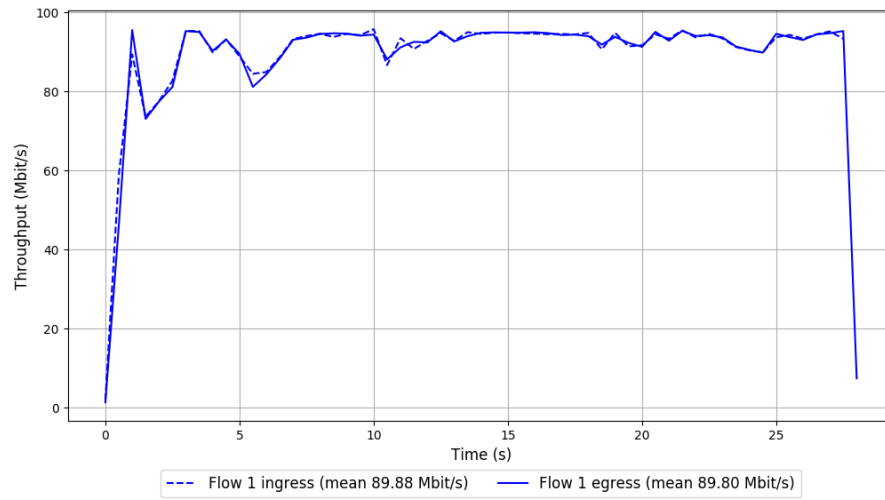
-- Flow 1:

Average throughput: 89.80 Mbit/s

95th percentile per-packet one-way delay: 55.254 ms

Loss rate: 0.08%

Run 10: Report of Copa — Data Link

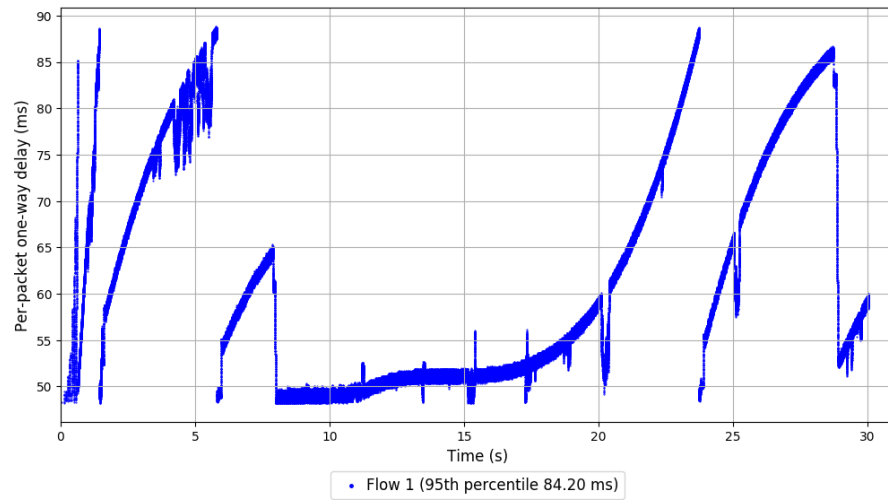
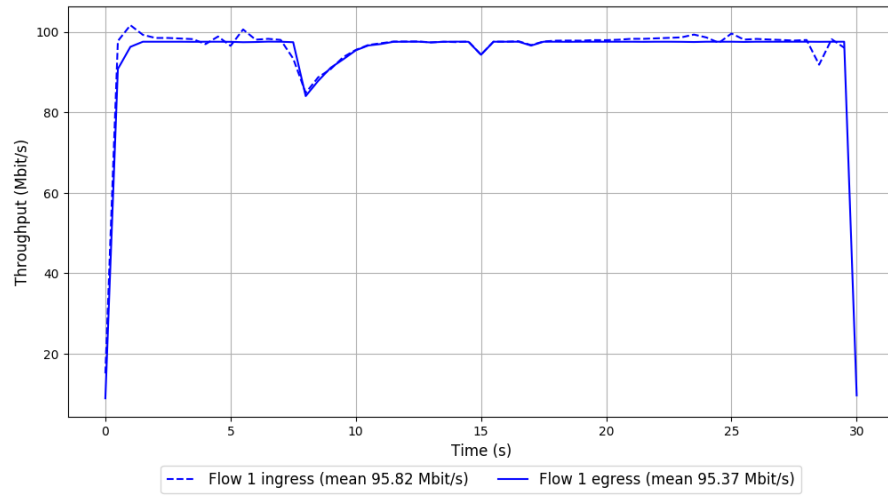


Run 1: Statistics of TCP Cubic

Start at: 2017-09-18 01:50:23
End at: 2017-09-18 01:50:53
Local clock offset: 0.06 ms
Remote clock offset: -2.423 ms

Below is generated by plot.py at 2017-09-18 05:34:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.37 Mbit/s
95th percentile per-packet one-way delay: 84.205 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 95.37 Mbit/s
95th percentile per-packet one-way delay: 84.205 ms
Loss rate: 0.43%

Run 1: Report of TCP Cubic — Data Link

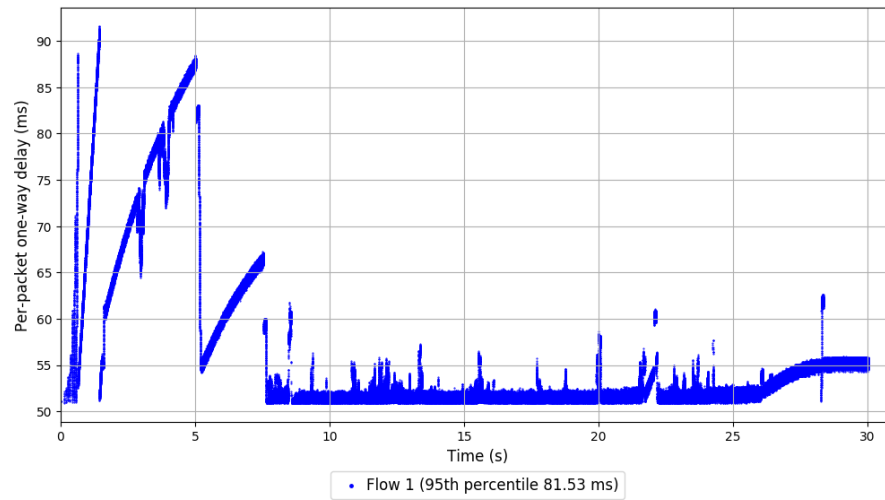
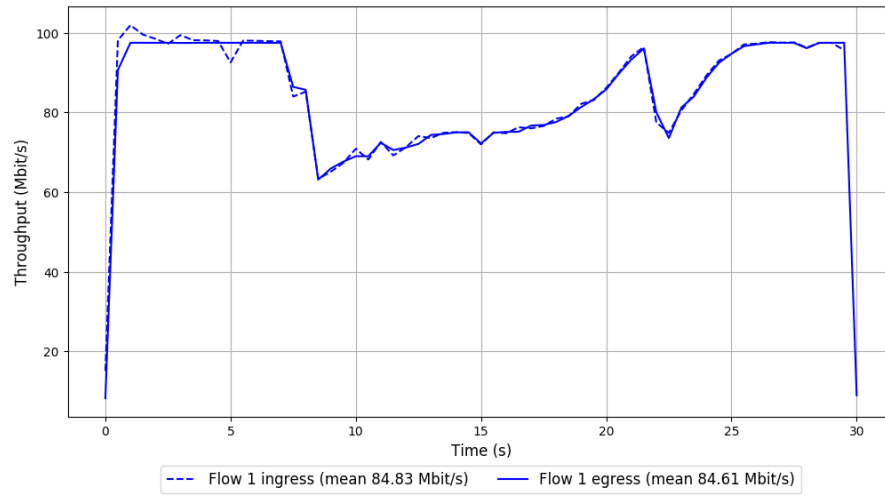


Run 2: Statistics of TCP Cubic

Start at: 2017-09-18 02:11:01
End at: 2017-09-18 02:11:31
Local clock offset: -0.264 ms
Remote clock offset: -0.359 ms

Below is generated by plot.py at 2017-09-18 05:34:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 84.61 Mbit/s
95th percentile per-packet one-way delay: 81.526 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 84.61 Mbit/s
95th percentile per-packet one-way delay: 81.526 ms
Loss rate: 0.25%

Run 2: Report of TCP Cubic — Data Link

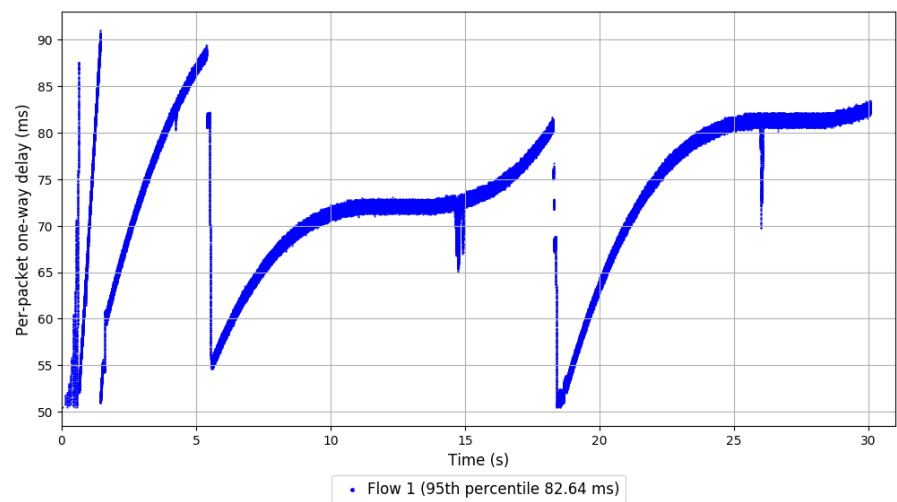
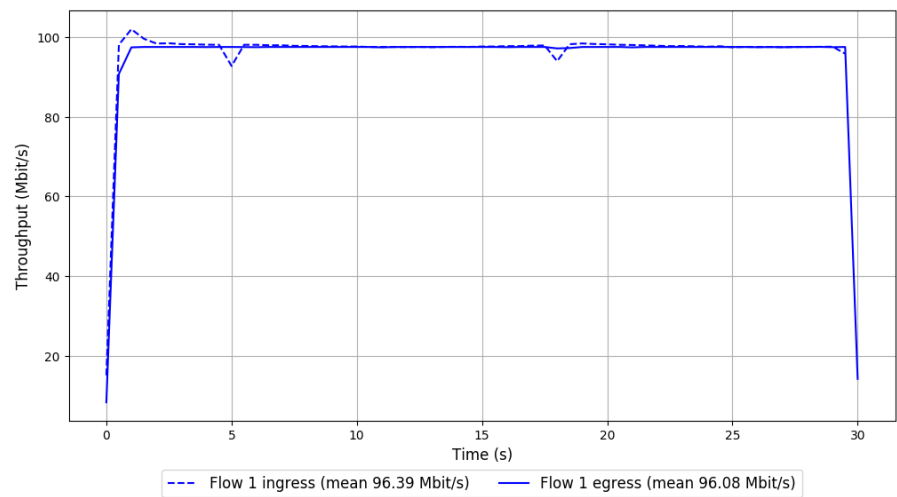


Run 3: Statistics of TCP Cubic

Start at: 2017-09-18 02:31:43
End at: 2017-09-18 02:32:13
Local clock offset: -0.911 ms
Remote clock offset: -1.269 ms

Below is generated by plot.py at 2017-09-18 05:34:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.08 Mbit/s
95th percentile per-packet one-way delay: 82.637 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 96.08 Mbit/s
95th percentile per-packet one-way delay: 82.637 ms
Loss rate: 0.21%

Run 3: Report of TCP Cubic — Data Link

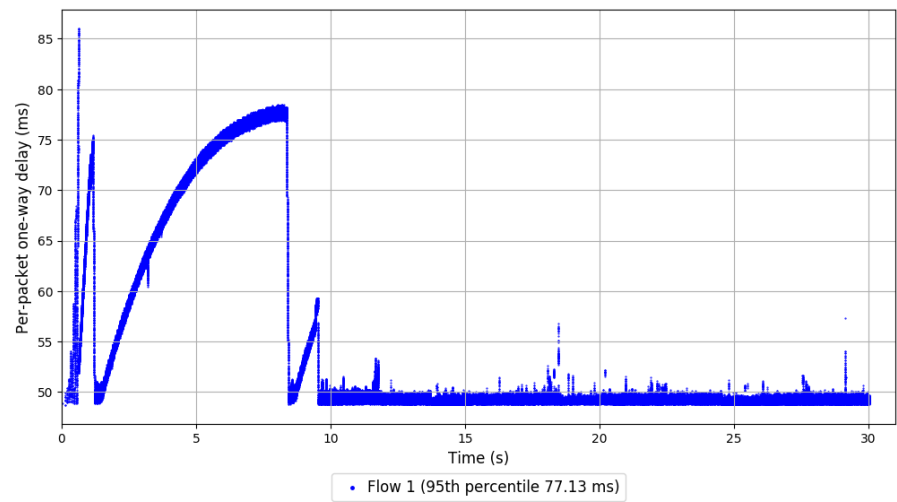
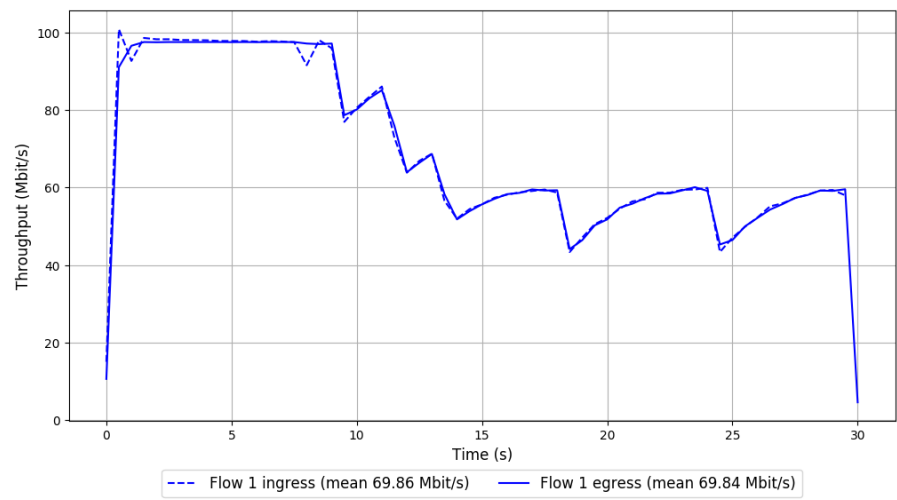


Run 4: Statistics of TCP Cubic

Start at: 2017-09-18 02:52:14
End at: 2017-09-18 02:52:44
Local clock offset: -1.478 ms
Remote clock offset: -1.129 ms

Below is generated by plot.py at 2017-09-18 05:34:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 69.84 Mbit/s
95th percentile per-packet one-way delay: 77.130 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 69.84 Mbit/s
95th percentile per-packet one-way delay: 77.130 ms
Loss rate: 0.03%

Run 4: Report of TCP Cubic — Data Link

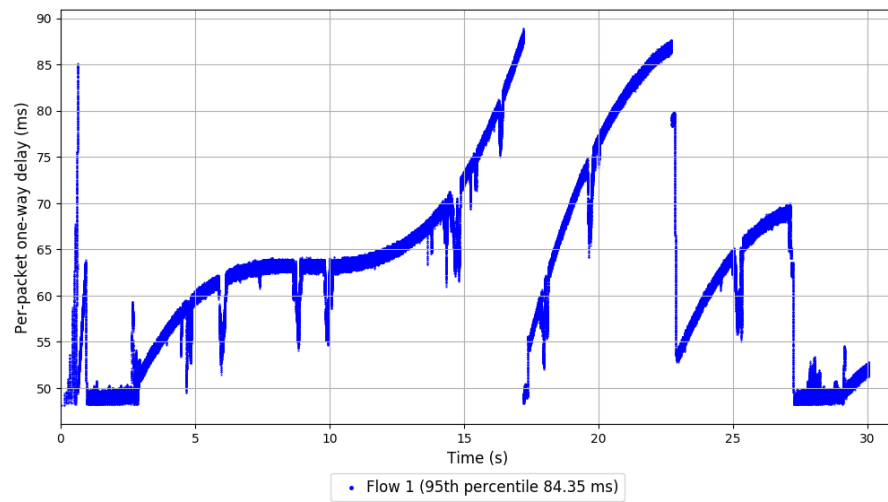
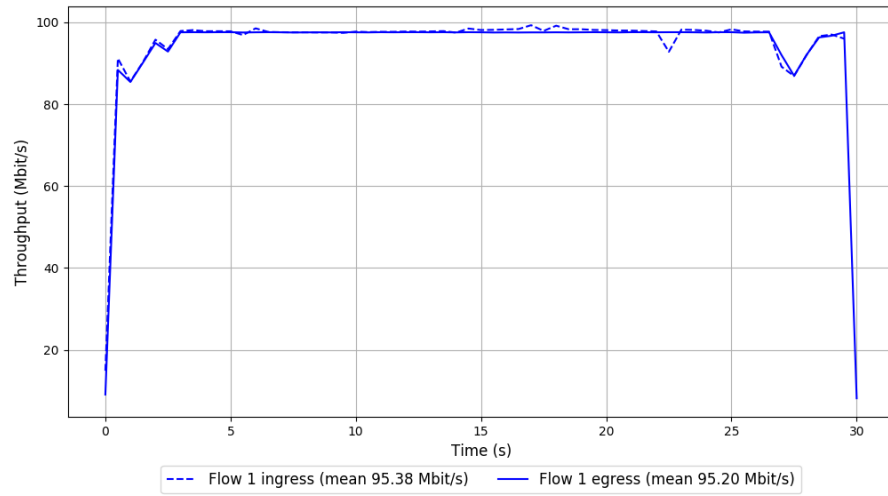


Run 5: Statistics of TCP Cubic

Start at: 2017-09-18 03:12:33
End at: 2017-09-18 03:13:03
Local clock offset: -1.76 ms
Remote clock offset: -2.875 ms

Below is generated by plot.py at 2017-09-18 05:35:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.20 Mbit/s
95th percentile per-packet one-way delay: 84.354 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 95.20 Mbit/s
95th percentile per-packet one-way delay: 84.354 ms
Loss rate: 0.19%

Run 5: Report of TCP Cubic — Data Link

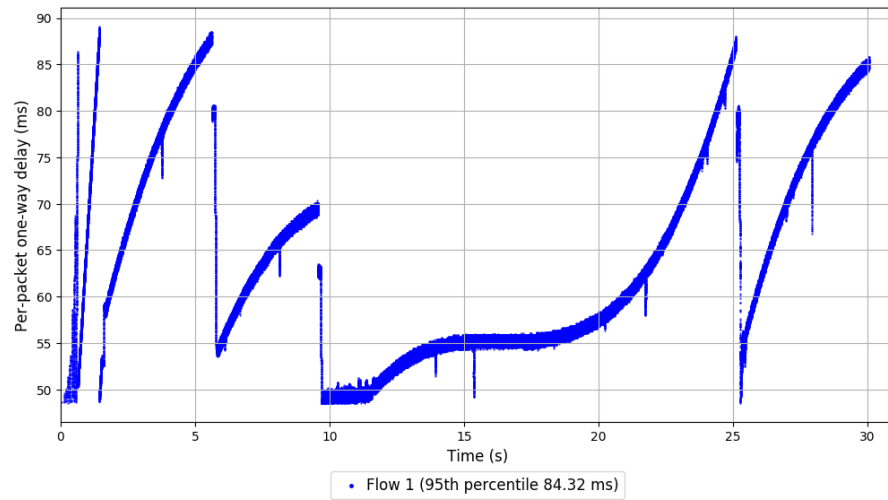
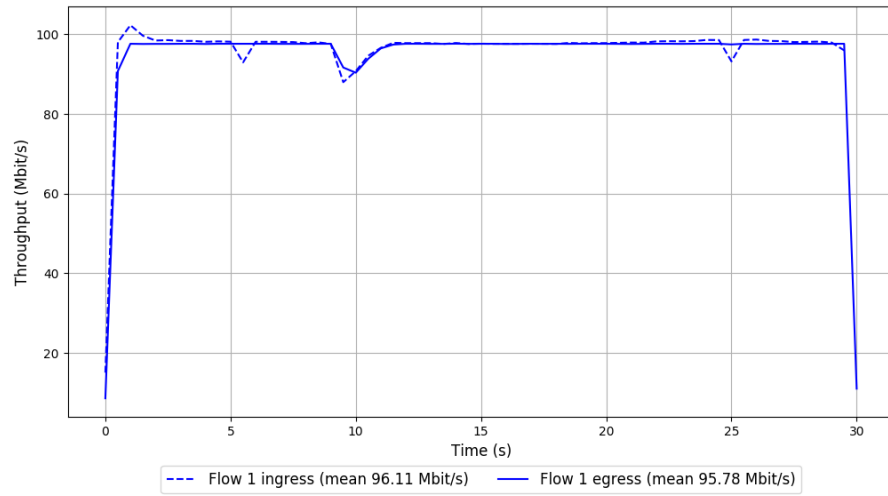


Run 6: Statistics of TCP Cubic

Start at: 2017-09-18 03:33:31
End at: 2017-09-18 03:34:01
Local clock offset: -1.923 ms
Remote clock offset: -2.725 ms

Below is generated by plot.py at 2017-09-18 05:35:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.78 Mbit/s
95th percentile per-packet one-way delay: 84.321 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 95.78 Mbit/s
95th percentile per-packet one-way delay: 84.321 ms
Loss rate: 0.28%

Run 6: Report of TCP Cubic — Data Link

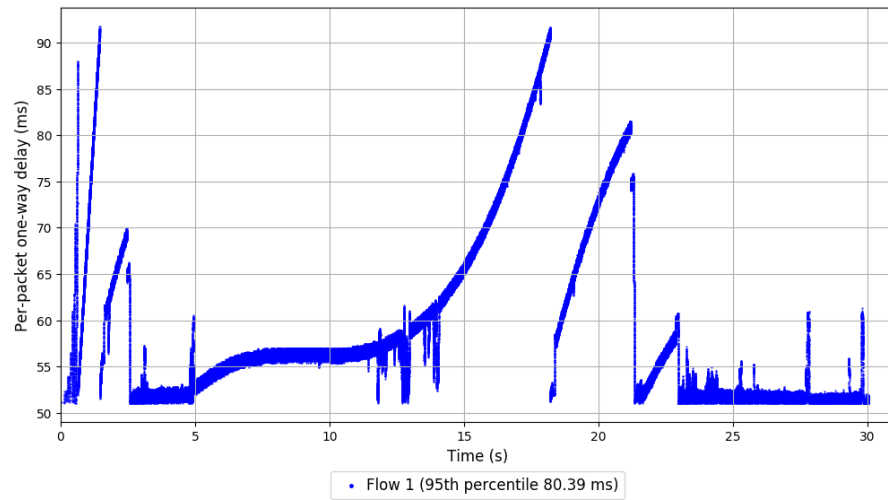
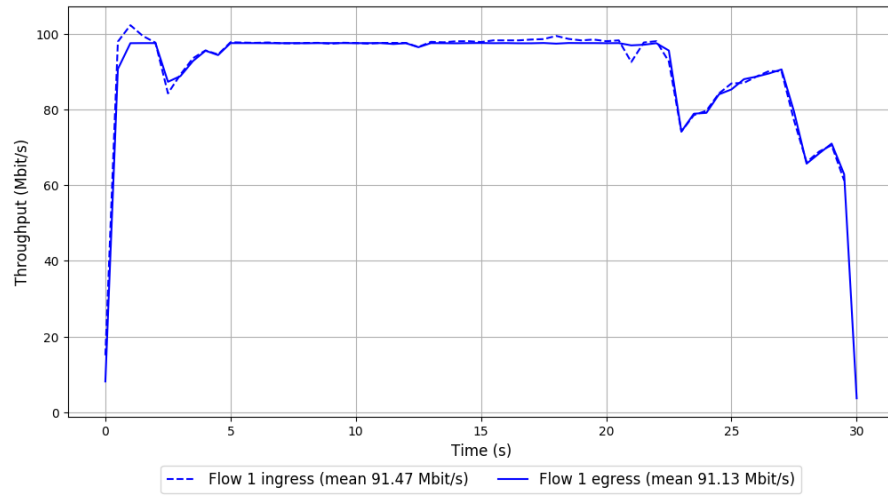


Run 7: Statistics of TCP Cubic

Start at: 2017-09-18 03:54:31
End at: 2017-09-18 03:55:01
Local clock offset: -1.802 ms
Remote clock offset: -0.347 ms

Below is generated by plot.py at 2017-09-18 05:35:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.13 Mbit/s
95th percentile per-packet one-way delay: 80.386 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 91.13 Mbit/s
95th percentile per-packet one-way delay: 80.386 ms
Loss rate: 0.37%

Run 7: Report of TCP Cubic — Data Link

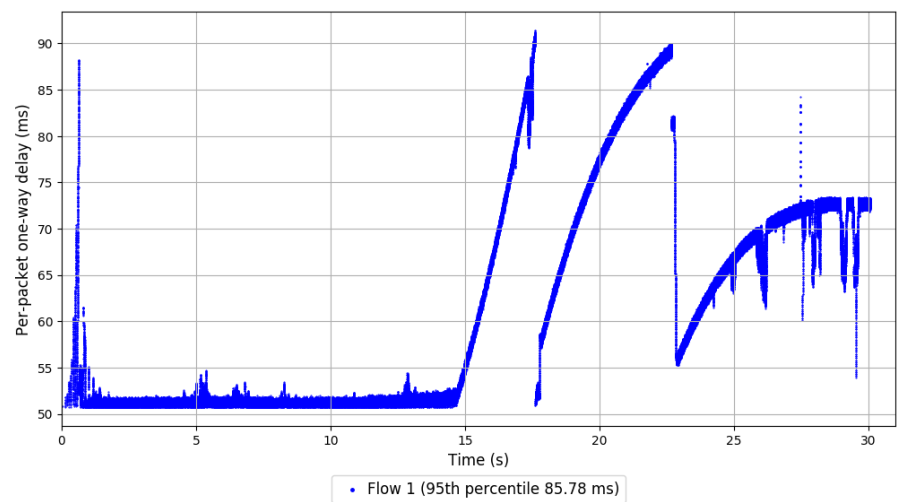
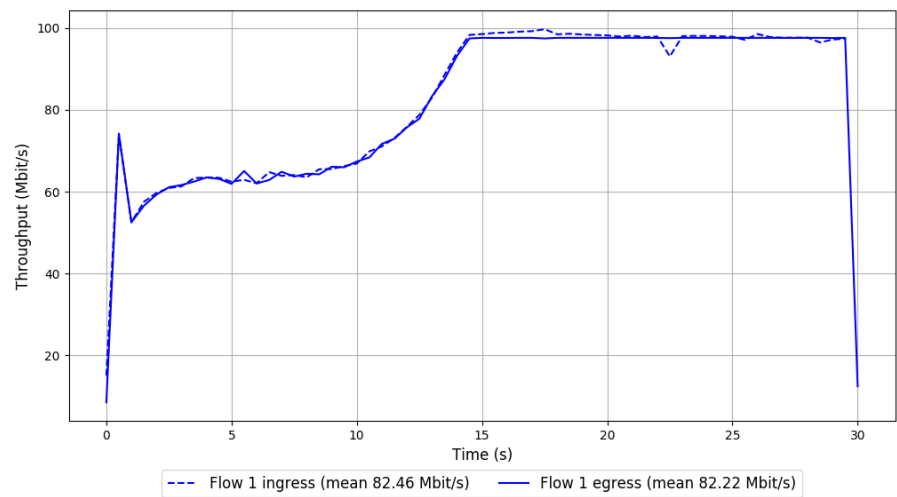


Run 8: Statistics of TCP Cubic

Start at: 2017-09-18 04:15:25
End at: 2017-09-18 04:15:55
Local clock offset: -0.746 ms
Remote clock offset: -0.554 ms

Below is generated by plot.py at 2017-09-18 05:35:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.22 Mbit/s
95th percentile per-packet one-way delay: 85.778 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 82.22 Mbit/s
95th percentile per-packet one-way delay: 85.778 ms
Loss rate: 0.21%

Run 8: Report of TCP Cubic — Data Link

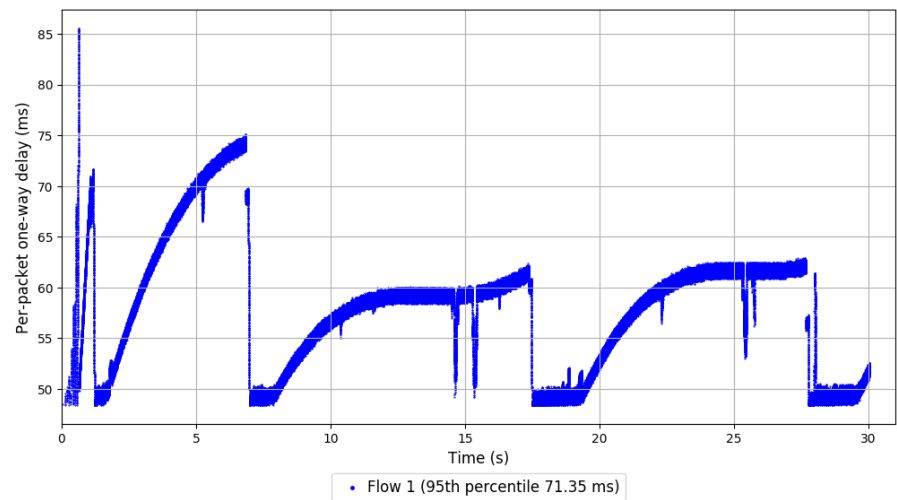
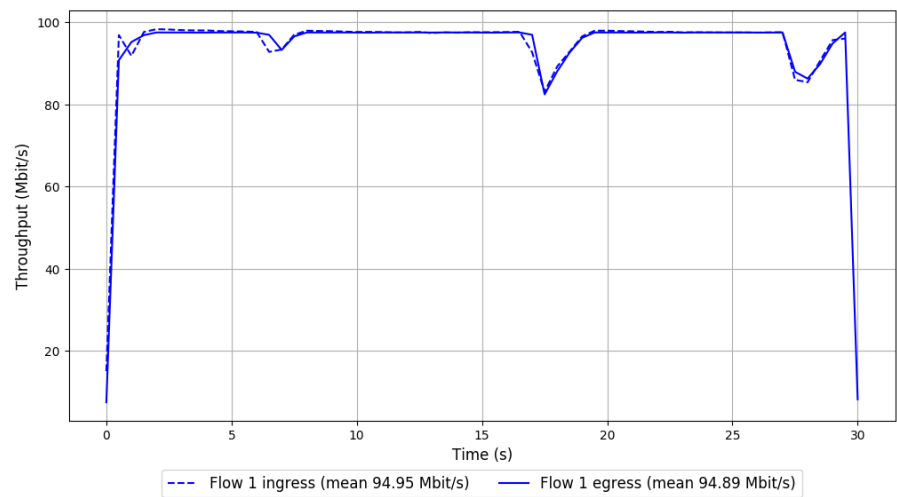


Run 9: Statistics of TCP Cubic

Start at: 2017-09-18 04:37:08
End at: 2017-09-18 04:37:38
Local clock offset: 0.072 ms
Remote clock offset: -3.181 ms

Below is generated by plot.py at 2017-09-18 05:35:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.89 Mbit/s
95th percentile per-packet one-way delay: 71.349 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 94.89 Mbit/s
95th percentile per-packet one-way delay: 71.349 ms
Loss rate: 0.06%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2017-09-18 04:58:46

End at: 2017-09-18 04:59:16

Local clock offset: 0.682 ms

Remote clock offset: -1.046 ms

Below is generated by plot.py at 2017-09-18 05:35:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.89 Mbit/s

95th percentile per-packet one-way delay: 80.529 ms

Loss rate: 0.22%

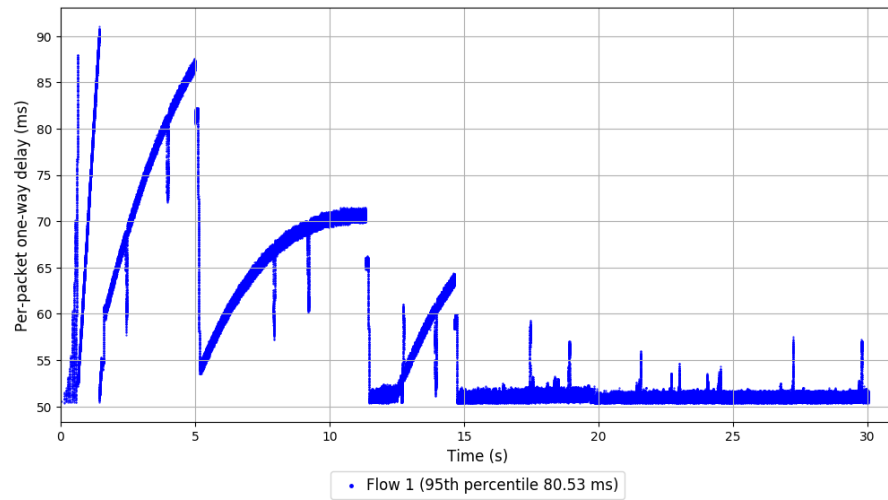
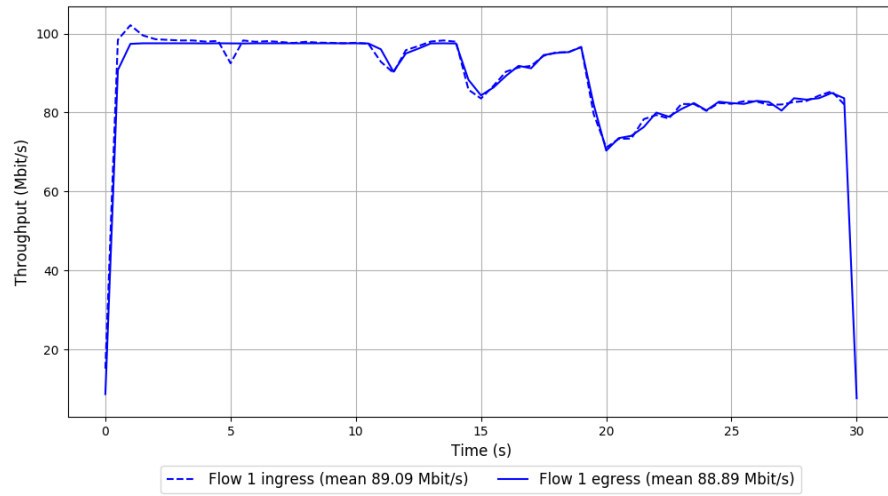
-- Flow 1:

Average throughput: 88.89 Mbit/s

95th percentile per-packet one-way delay: 80.529 ms

Loss rate: 0.22%

Run 10: Report of TCP Cubic — Data Link

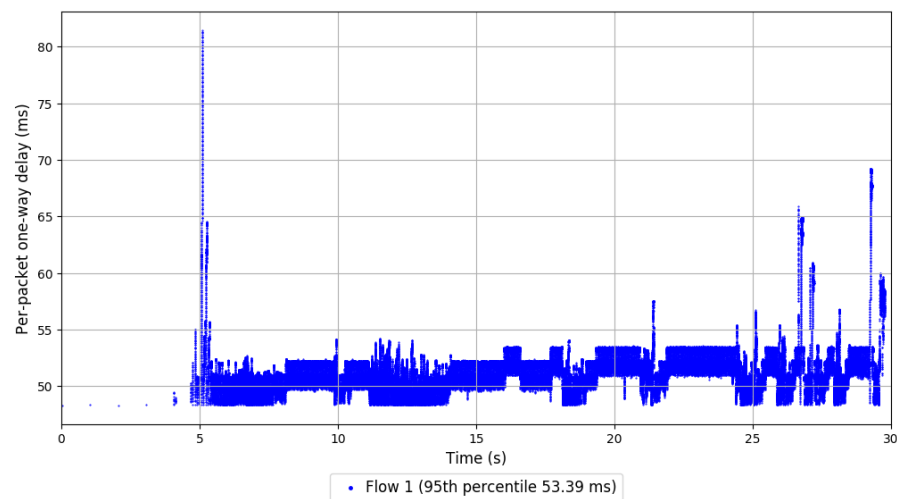
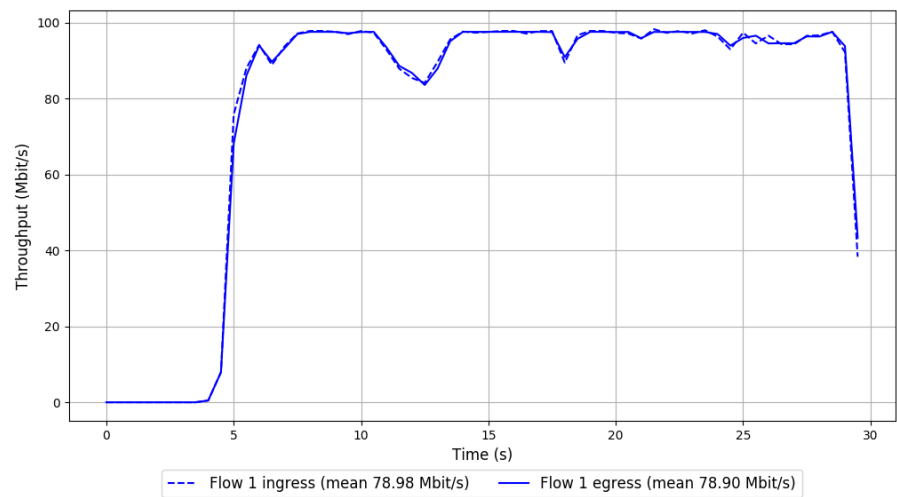


```
Run 1: Statistics of Indigo

Start at: 2017-09-18 01:44:31
End at: 2017-09-18 01:45:01
Local clock offset: 0.063 ms
Remote clock offset: -2.495 ms

# Below is generated by plot.py at 2017-09-18 05:35:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.90 Mbit/s
95th percentile per-packet one-way delay: 53.391 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 78.90 Mbit/s
95th percentile per-packet one-way delay: 53.391 ms
Loss rate: 0.08%
```


Run 1: Report of Indigo — Data Link

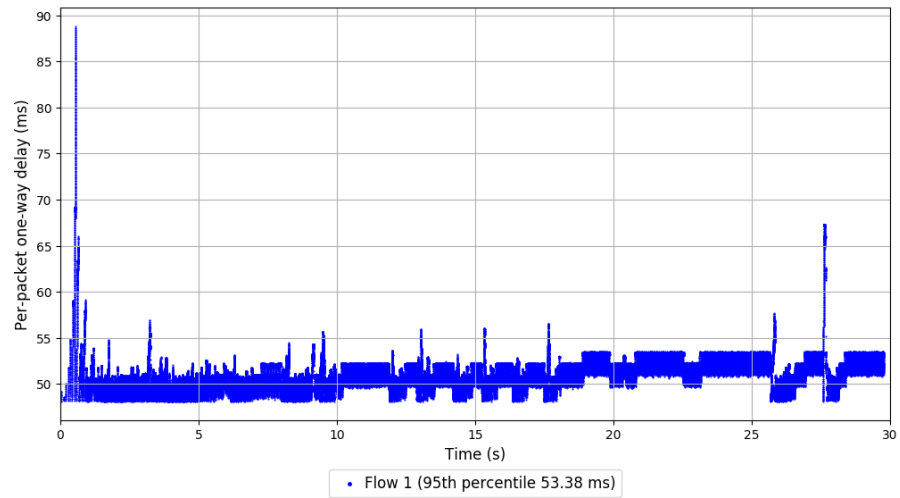
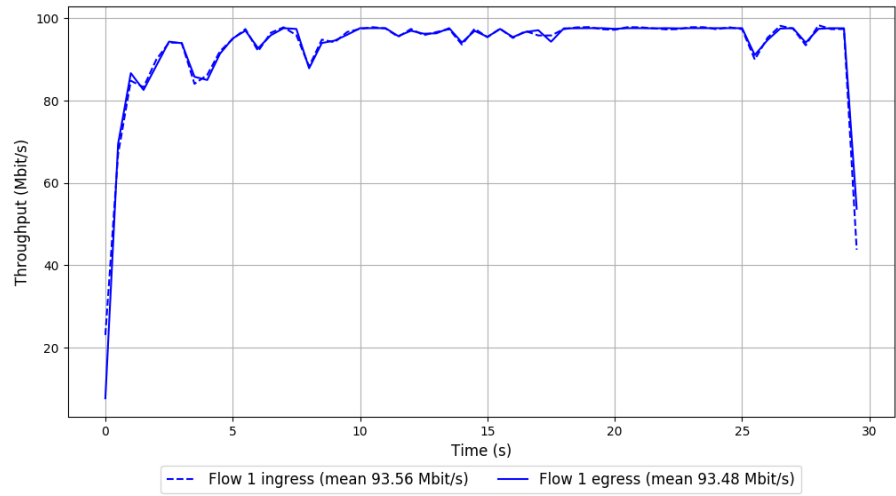


Run 2: Statistics of Indigo

Start at: 2017-09-18 02:05:43
End at: 2017-09-18 02:06:13
Local clock offset: -0.27 ms
Remote clock offset: -2.898 ms

Below is generated by plot.py at 2017-09-18 05:36:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.48 Mbit/s
95th percentile per-packet one-way delay: 53.380 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 93.48 Mbit/s
95th percentile per-packet one-way delay: 53.380 ms
Loss rate: 0.07%

Run 2: Report of Indigo — Data Link

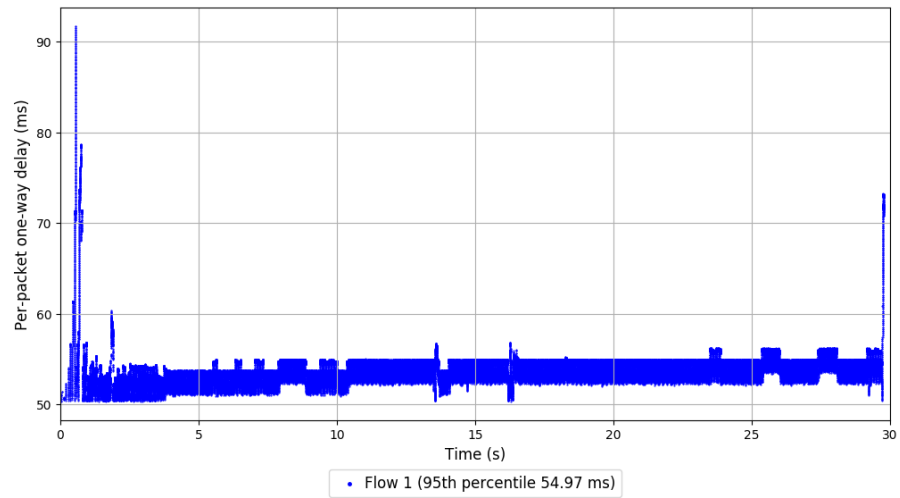
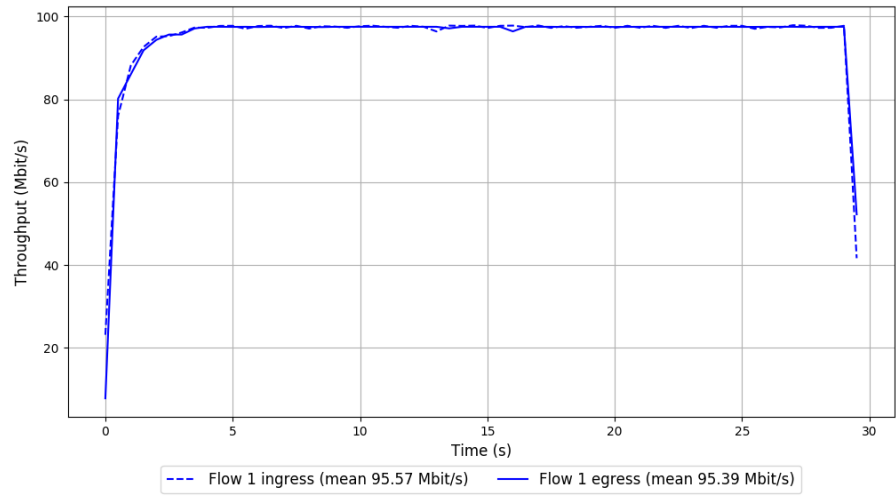


Run 3: Statistics of Indigo

Start at: 2017-09-18 02:26:15
End at: 2017-09-18 02:26:46
Local clock offset: -0.67 ms
Remote clock offset: -1.161 ms

Below is generated by plot.py at 2017-09-18 05:37:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.39 Mbit/s
95th percentile per-packet one-way delay: 54.965 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 95.39 Mbit/s
95th percentile per-packet one-way delay: 54.965 ms
Loss rate: 0.11%

Run 3: Report of Indigo — Data Link

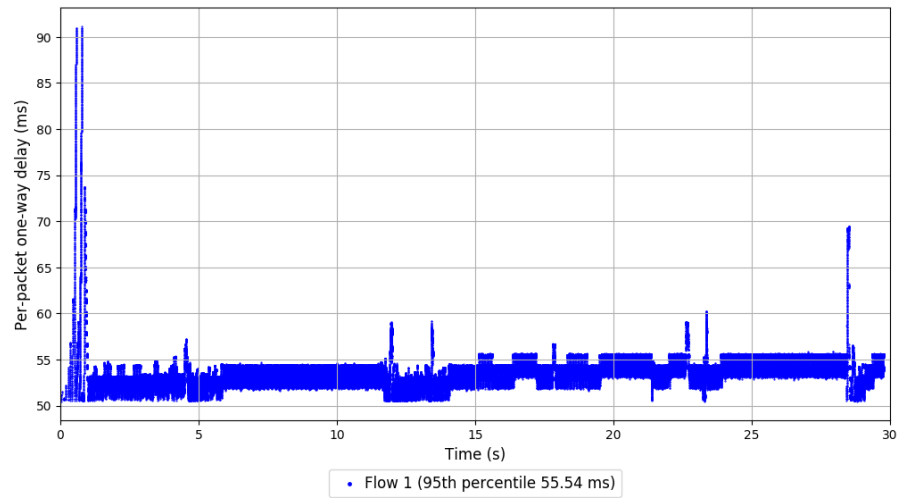
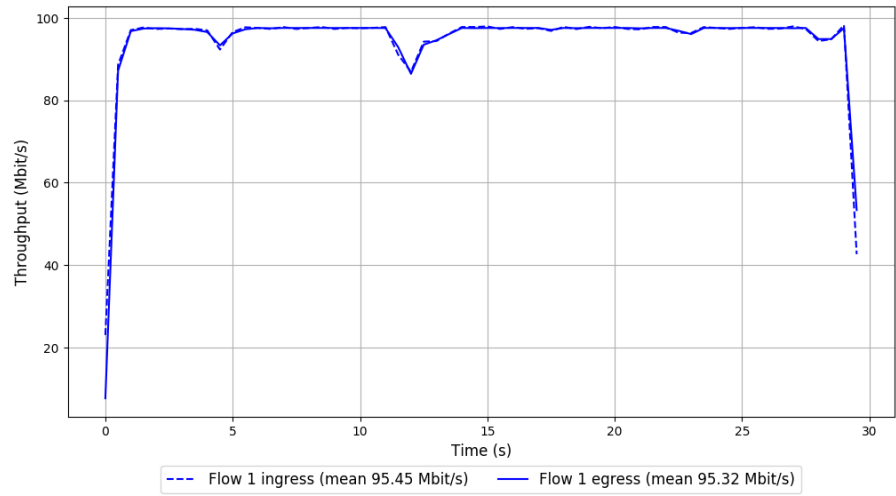


Run 4: Statistics of Indigo

Start at: 2017-09-18 02:46:46
End at: 2017-09-18 02:47:16
Local clock offset: -1.312 ms
Remote clock offset: -1.134 ms

Below is generated by plot.py at 2017-09-18 05:37:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.32 Mbit/s
95th percentile per-packet one-way delay: 55.537 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 95.32 Mbit/s
95th percentile per-packet one-way delay: 55.537 ms
Loss rate: 0.12%

Run 4: Report of Indigo — Data Link

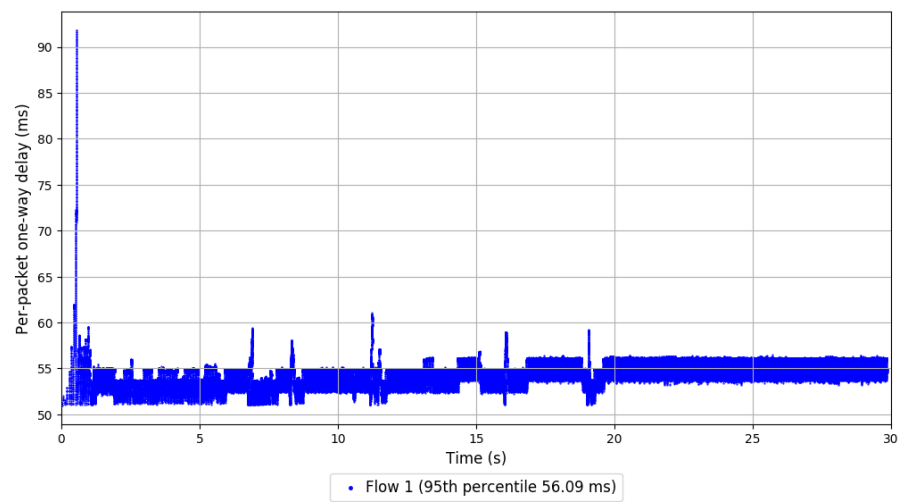
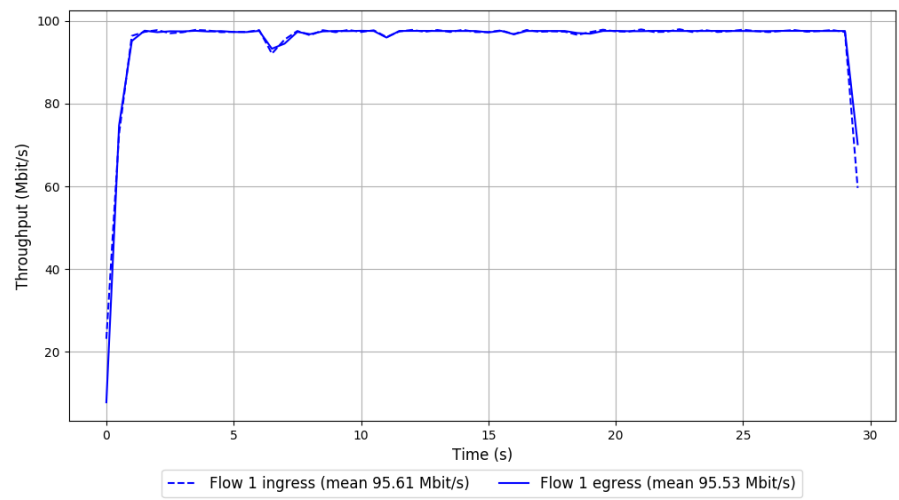


Run 5: Statistics of Indigo

Start at: 2017-09-18 03:06:59
End at: 2017-09-18 03:07:29
Local clock offset: -1.843 ms
Remote clock offset: -0.461 ms

Below is generated by plot.py at 2017-09-18 05:37:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.53 Mbit/s
95th percentile per-packet one-way delay: 56.085 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 95.53 Mbit/s
95th percentile per-packet one-way delay: 56.085 ms
Loss rate: 0.07%

Run 5: Report of Indigo — Data Link

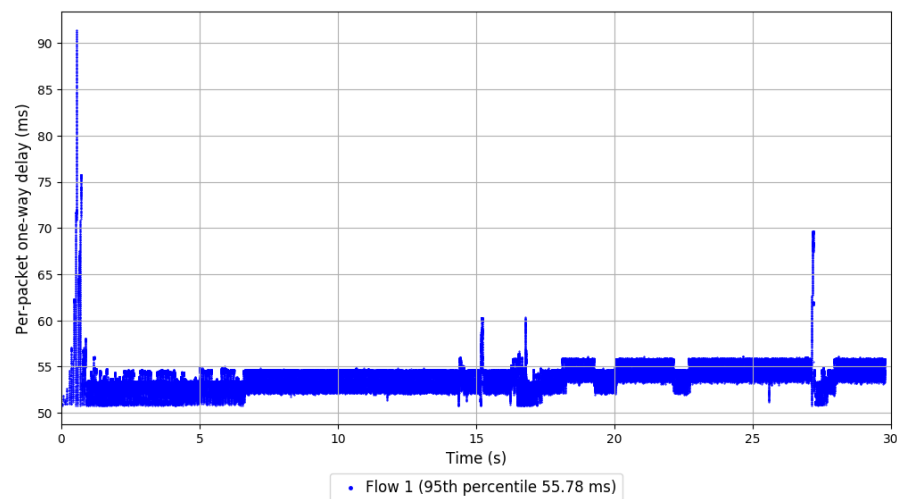
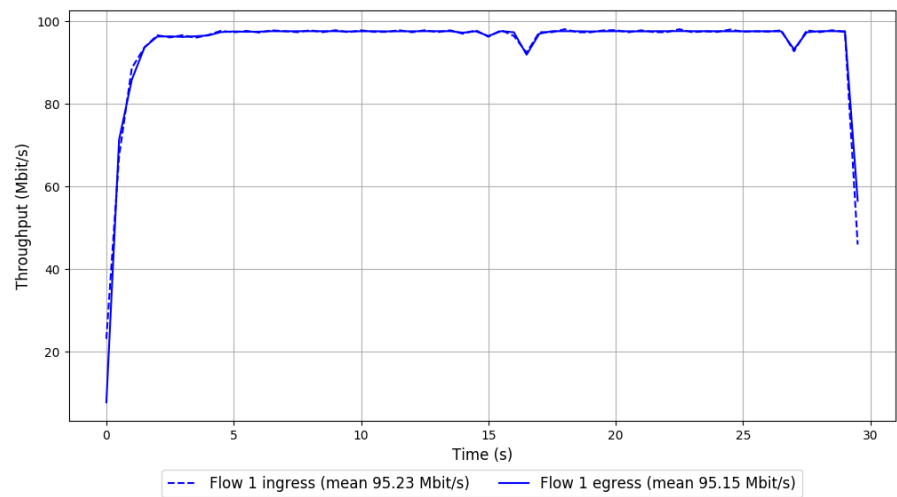


Run 6: Statistics of Indigo

Start at: 2017-09-18 03:27:53
End at: 2017-09-18 03:28:23
Local clock offset: -1.782 ms
Remote clock offset: -0.353 ms

Below is generated by plot.py at 2017-09-18 05:37:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.15 Mbit/s
95th percentile per-packet one-way delay: 55.780 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 95.15 Mbit/s
95th percentile per-packet one-way delay: 55.780 ms
Loss rate: 0.07%

Run 6: Report of Indigo — Data Link



Run 7: Statistics of Indigo

Start at: 2017-09-18 03:48:51

End at: 2017-09-18 03:49:21

Local clock offset: -1.909 ms

Remote clock offset: -2.74 ms

Below is generated by plot.py at 2017-09-18 05:37:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.58 Mbit/s

95th percentile per-packet one-way delay: 53.356 ms

Loss rate: 0.07%

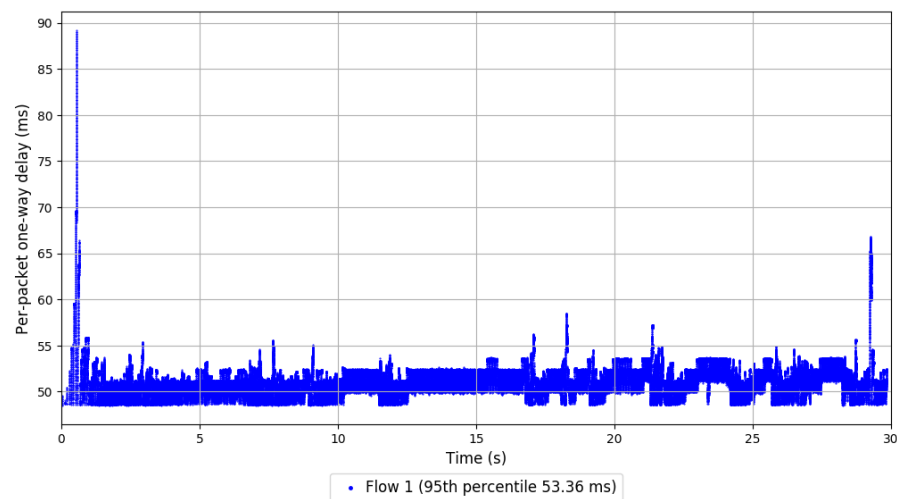
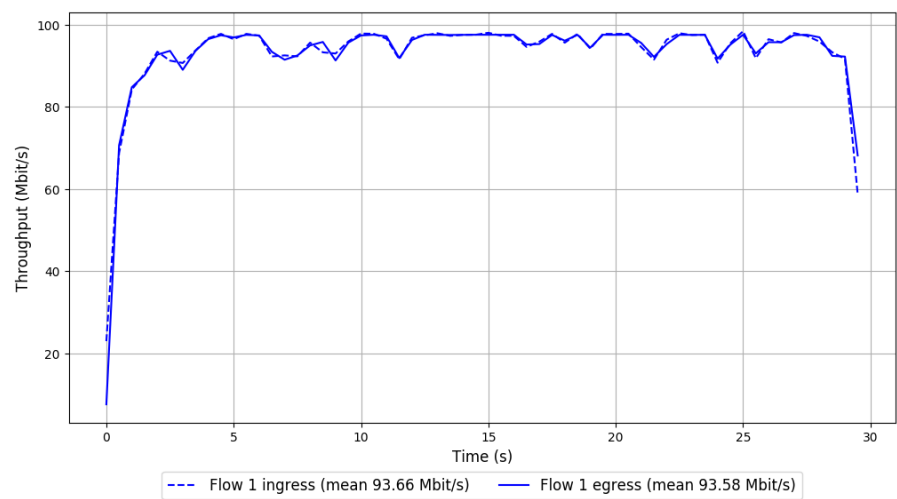
-- Flow 1:

Average throughput: 93.58 Mbit/s

95th percentile per-packet one-way delay: 53.356 ms

Loss rate: 0.07%

Run 7: Report of Indigo — Data Link

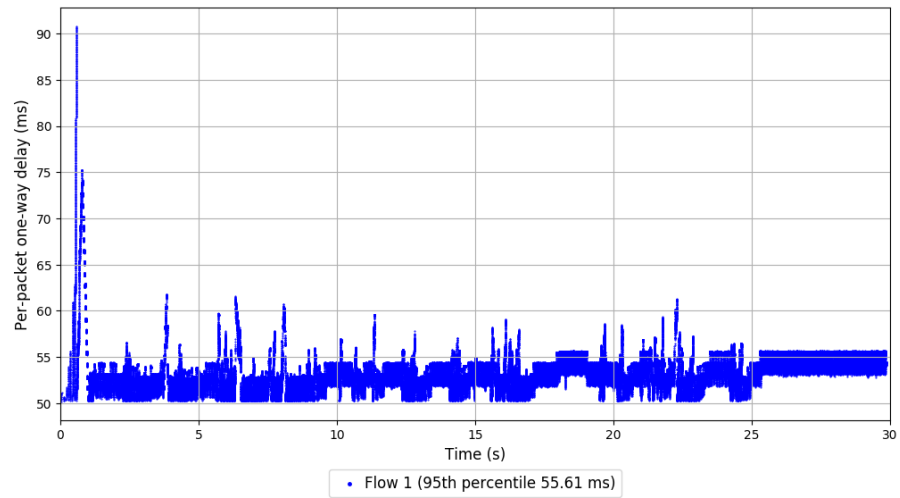
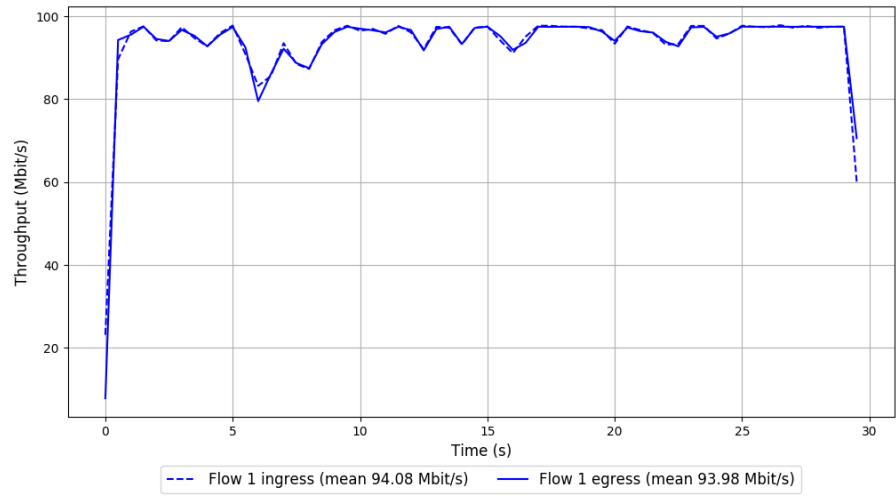


Run 8: Statistics of Indigo

Start at: 2017-09-18 04:09:54
End at: 2017-09-18 04:10:24
Local clock offset: -1.087 ms
Remote clock offset: -1.101 ms

Below is generated by plot.py at 2017-09-18 05:37:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.98 Mbit/s
95th percentile per-packet one-way delay: 55.607 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 93.98 Mbit/s
95th percentile per-packet one-way delay: 55.607 ms
Loss rate: 0.09%

Run 8: Report of Indigo — Data Link

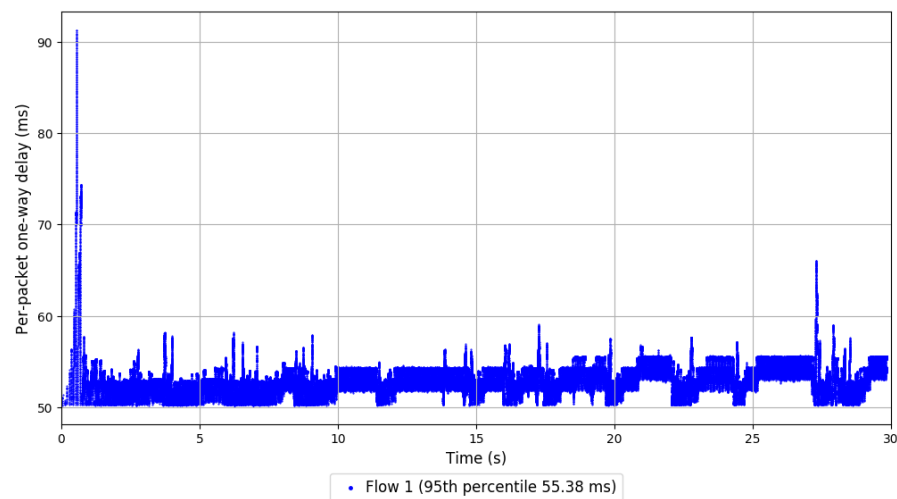
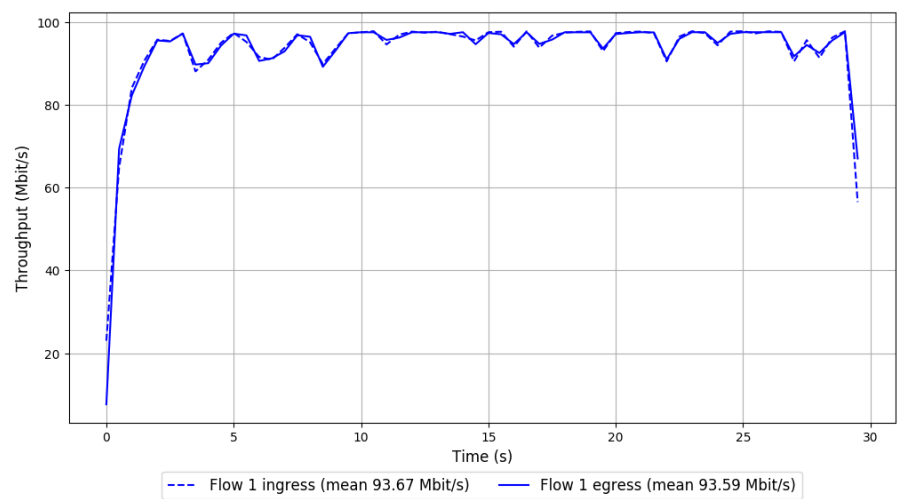


Run 9: Statistics of Indigo

Start at: 2017-09-18 04:31:05
End at: 2017-09-18 04:31:35
Local clock offset: -0.145 ms
Remote clock offset: -1.087 ms

Below is generated by plot.py at 2017-09-18 05:37:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.59 Mbit/s
95th percentile per-packet one-way delay: 55.385 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 93.59 Mbit/s
95th percentile per-packet one-way delay: 55.385 ms
Loss rate: 0.07%

Run 9: Report of Indigo — Data Link

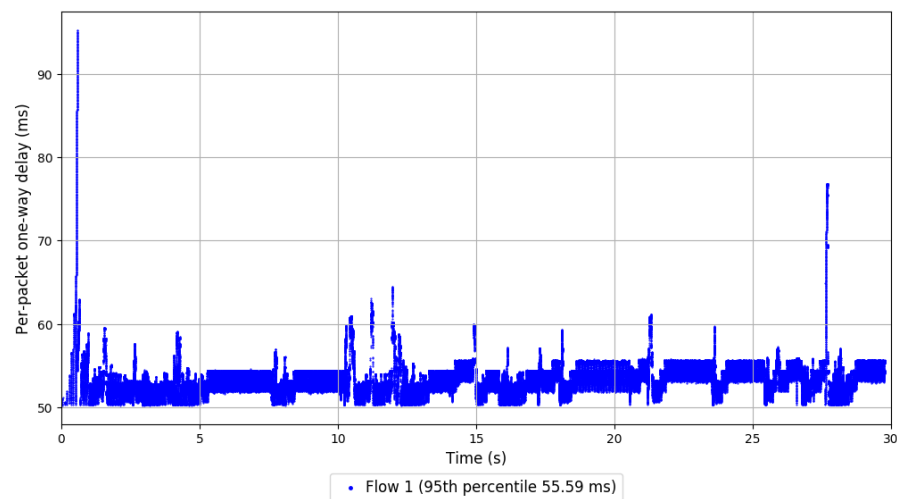
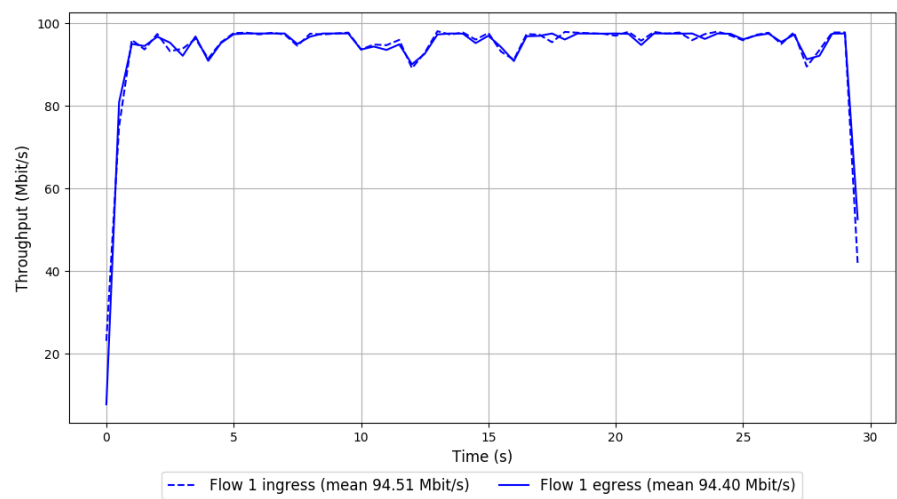


Run 10: Statistics of Indigo

Start at: 2017-09-18 04:52:51
End at: 2017-09-18 04:53:21
Local clock offset: 0.533 ms
Remote clock offset: -1.154 ms

Below is generated by plot.py at 2017-09-18 05:37:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.40 Mbit/s
95th percentile per-packet one-way delay: 55.586 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 94.40 Mbit/s
95th percentile per-packet one-way delay: 55.586 ms
Loss rate: 0.10%

Run 10: Report of Indigo — Data Link

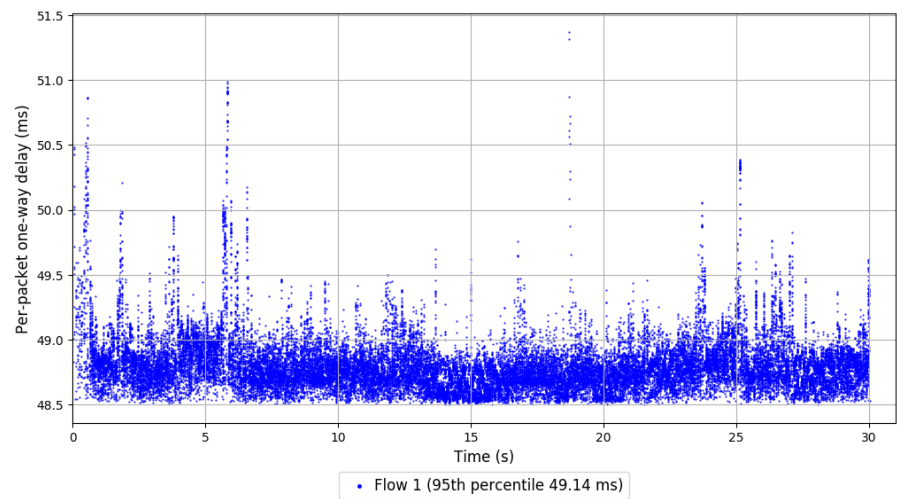
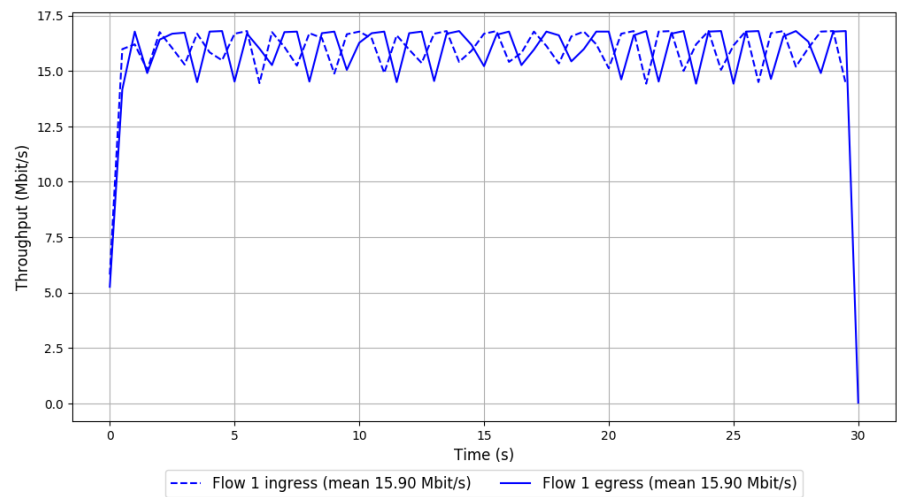


```
Run 1: Statistics of KohoCC

Start at: 2017-09-18 01:43:12
End at: 2017-09-18 01:43:42
Local clock offset: 0.107 ms
Remote clock offset: -2.296 ms

# Below is generated by plot.py at 2017-09-18 05:37:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.90 Mbit/s
95th percentile per-packet one-way delay: 49.140 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 15.90 Mbit/s
95th percentile per-packet one-way delay: 49.140 ms
Loss rate: 0.00%
```

Run 1: Report of KohoCC — Data Link

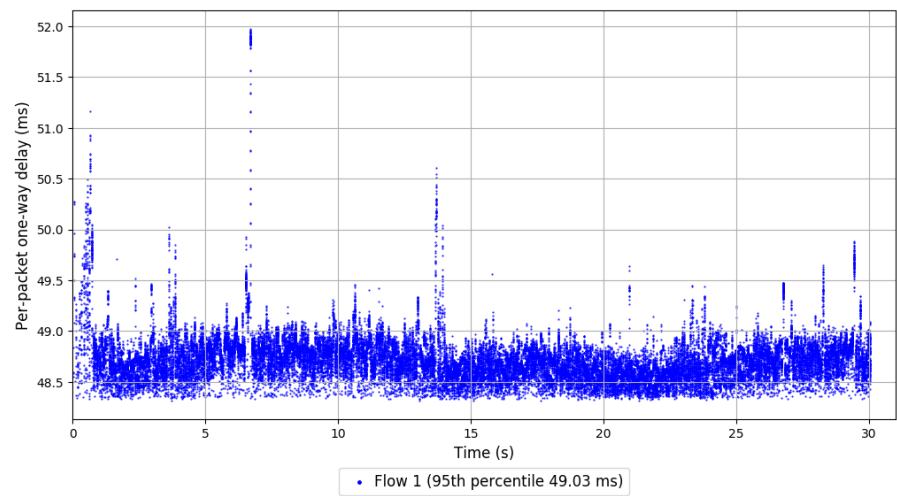
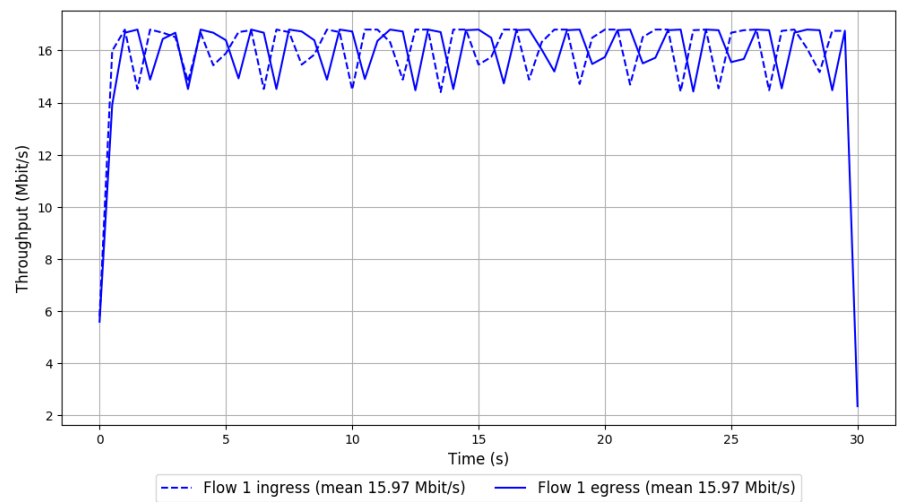


Run 2: Statistics of KohoCC

Start at: 2017-09-18 02:04:25
End at: 2017-09-18 02:04:55
Local clock offset: -0.156 ms
Remote clock offset: -2.818 ms

Below is generated by plot.py at 2017-09-18 05:37:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.97 Mbit/s
95th percentile per-packet one-way delay: 49.031 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 15.97 Mbit/s
95th percentile per-packet one-way delay: 49.031 ms
Loss rate: 0.00%

Run 2: Report of KohoCC — Data Link



Run 3: Statistics of KohoCC

Start at: 2017-09-18 02:24:57

End at: 2017-09-18 02:25:27

Local clock offset: -0.719 ms

Remote clock offset: -3.14 ms

Below is generated by plot.py at 2017-09-18 05:37:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 15.99 Mbit/s

95th percentile per-packet one-way delay: 49.223 ms

Loss rate: 0.09%

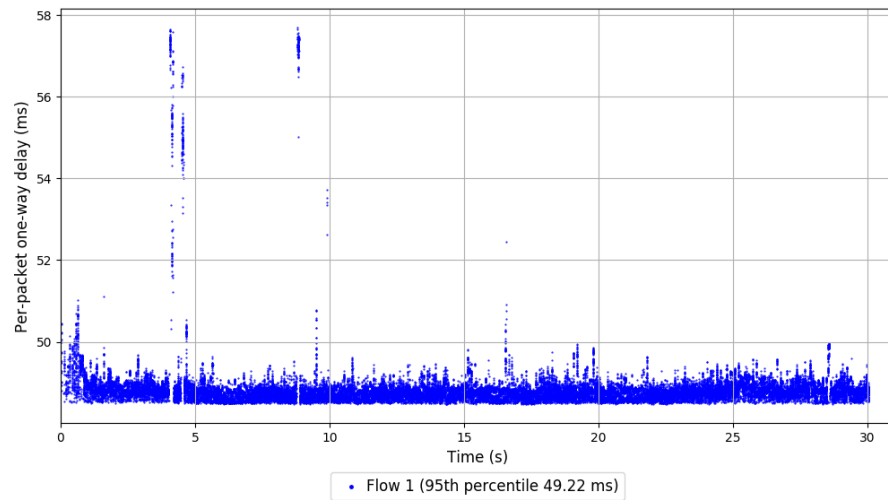
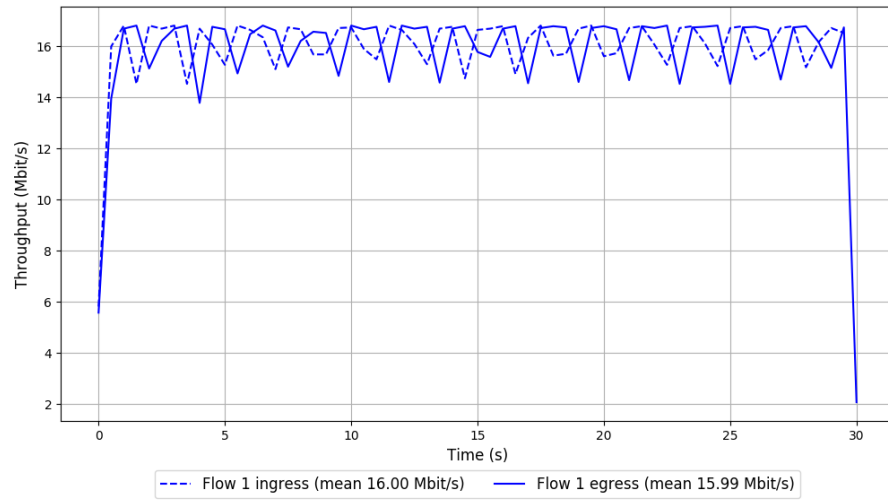
-- Flow 1:

Average throughput: 15.99 Mbit/s

95th percentile per-packet one-way delay: 49.223 ms

Loss rate: 0.09%

Run 3: Report of KohoCC — Data Link

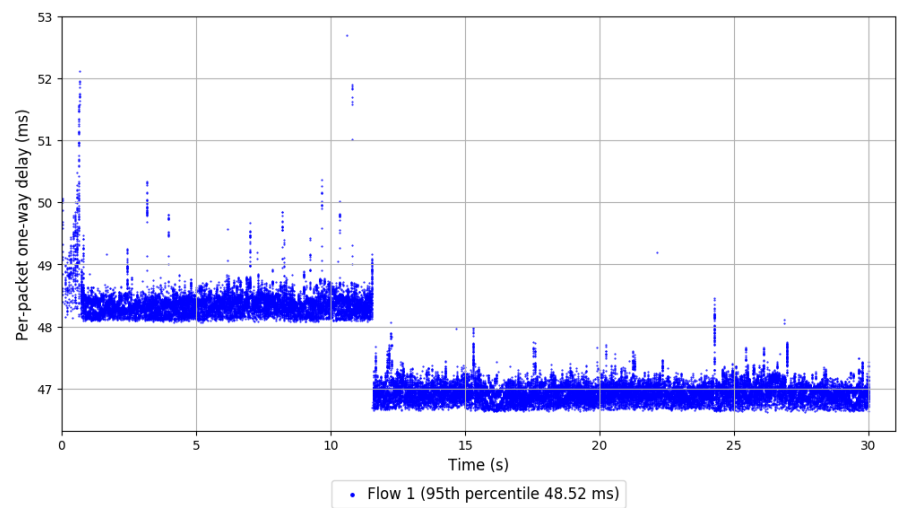
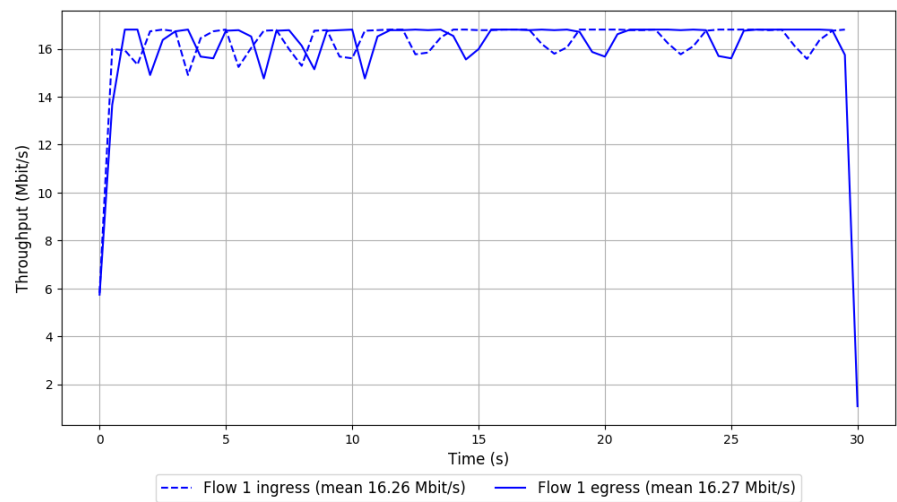


Run 4: Statistics of KohoCC

Start at: 2017-09-18 02:45:28
End at: 2017-09-18 02:45:58
Local clock offset: -1.181 ms
Remote clock offset: -3.258 ms

Below is generated by plot.py at 2017-09-18 05:37:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 16.27 Mbit/s
95th percentile per-packet one-way delay: 48.518 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 16.27 Mbit/s
95th percentile per-packet one-way delay: 48.518 ms
Loss rate: 0.00%

Run 4: Report of KohoCC — Data Link

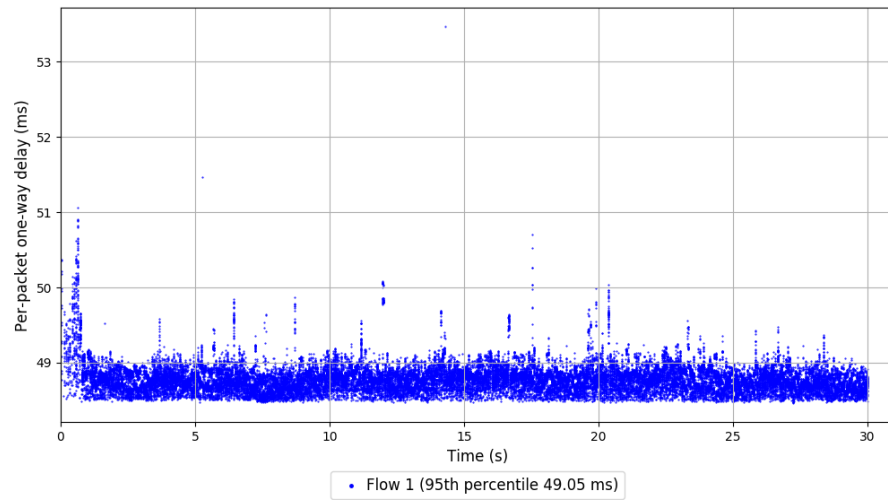
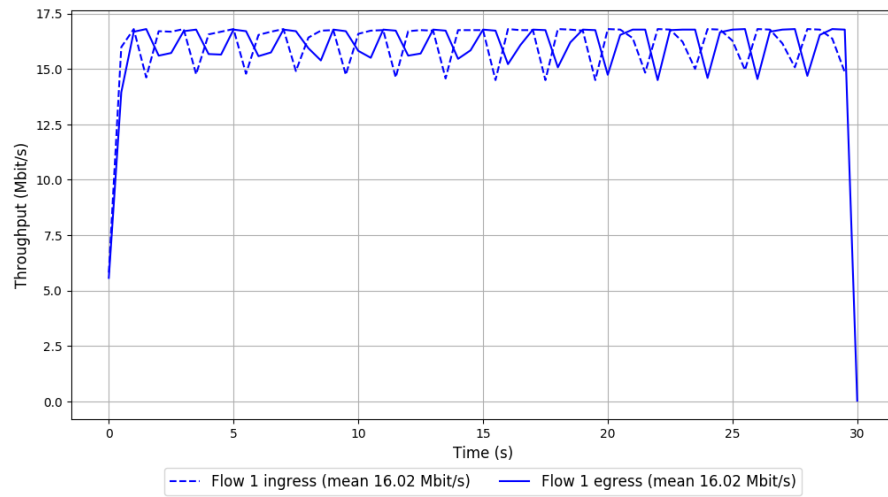


Run 5: Statistics of KohoCC

Start at: 2017-09-18 03:05:41
End at: 2017-09-18 03:06:11
Local clock offset: -1.749 ms
Remote clock offset: -2.907 ms

Below is generated by plot.py at 2017-09-18 05:37:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 16.02 Mbit/s
95th percentile per-packet one-way delay: 49.045 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 16.02 Mbit/s
95th percentile per-packet one-way delay: 49.045 ms
Loss rate: 0.00%

Run 5: Report of KohoCC — Data Link



Run 6: Statistics of KohoCC

Start at: 2017-09-18 03:26:34

End at: 2017-09-18 03:27:04

Local clock offset: -1.784 ms

Remote clock offset: -0.79 ms

Below is generated by plot.py at 2017-09-18 05:37:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 16.03 Mbit/s

95th percentile per-packet one-way delay: 50.824 ms

Loss rate: 0.07%

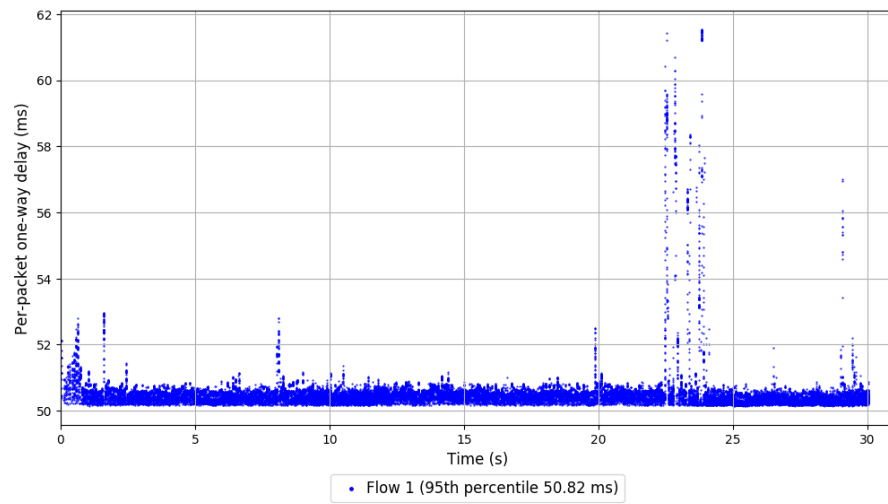
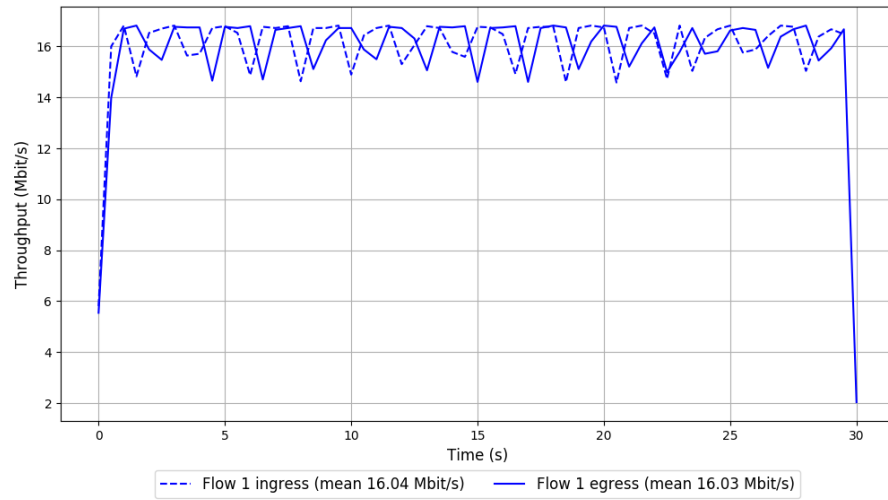
-- Flow 1:

Average throughput: 16.03 Mbit/s

95th percentile per-packet one-way delay: 50.824 ms

Loss rate: 0.07%

Run 6: Report of KohoCC — Data Link

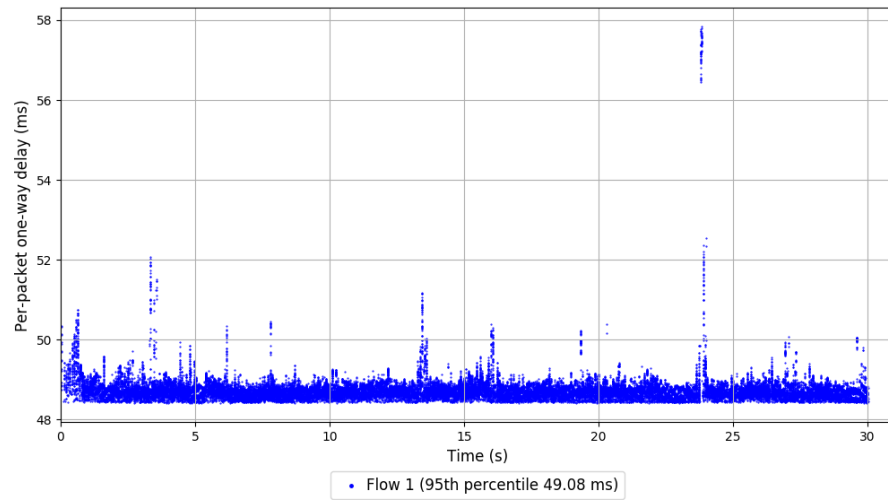
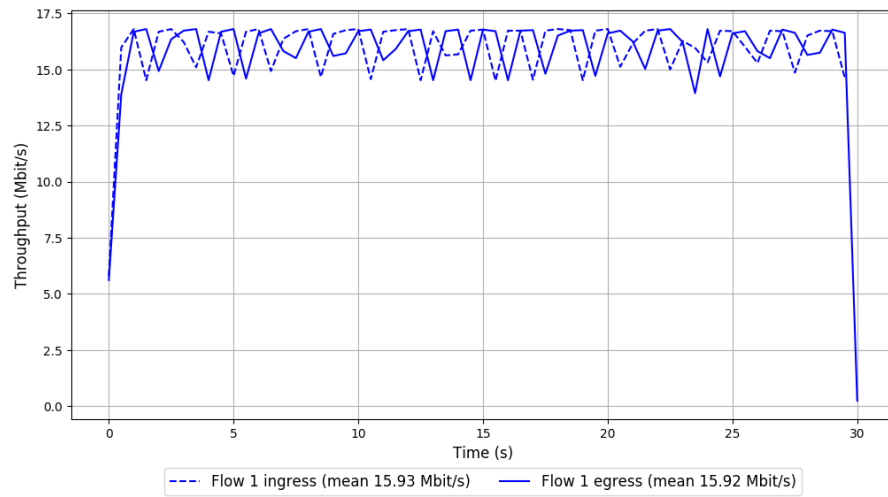


Run 7: Statistics of KohoCC

Start at: 2017-09-18 03:47:33
End at: 2017-09-18 03:48:03
Local clock offset: -1.931 ms
Remote clock offset: -2.841 ms

Below is generated by plot.py at 2017-09-18 05:37:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.92 Mbit/s
95th percentile per-packet one-way delay: 49.075 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 15.92 Mbit/s
95th percentile per-packet one-way delay: 49.075 ms
Loss rate: 0.11%

Run 7: Report of KohoCC — Data Link

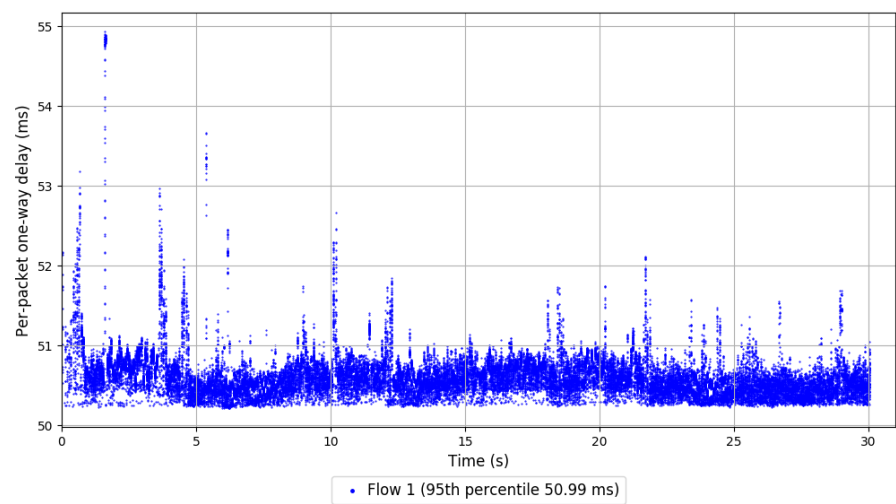
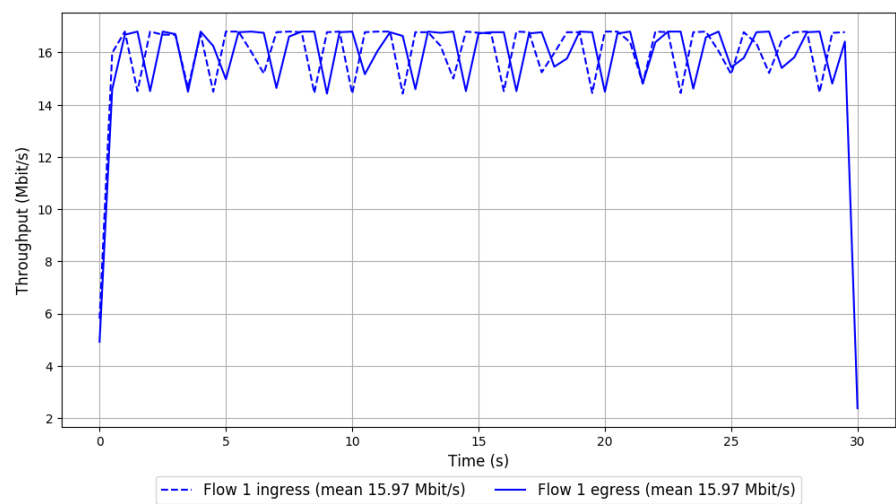


Run 8: Statistics of KohoCC

Start at: 2017-09-18 04:08:35
End at: 2017-09-18 04:09:05
Local clock offset: -1.061 ms
Remote clock offset: -1.043 ms

Below is generated by plot.py at 2017-09-18 05:37:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.97 Mbit/s
95th percentile per-packet one-way delay: 50.992 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 15.97 Mbit/s
95th percentile per-packet one-way delay: 50.992 ms
Loss rate: 0.00%

Run 8: Report of KohoCC — Data Link

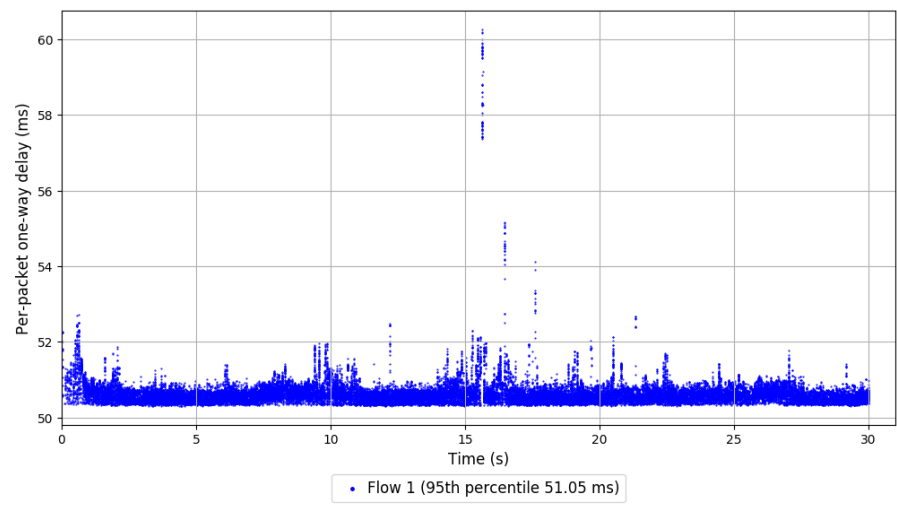
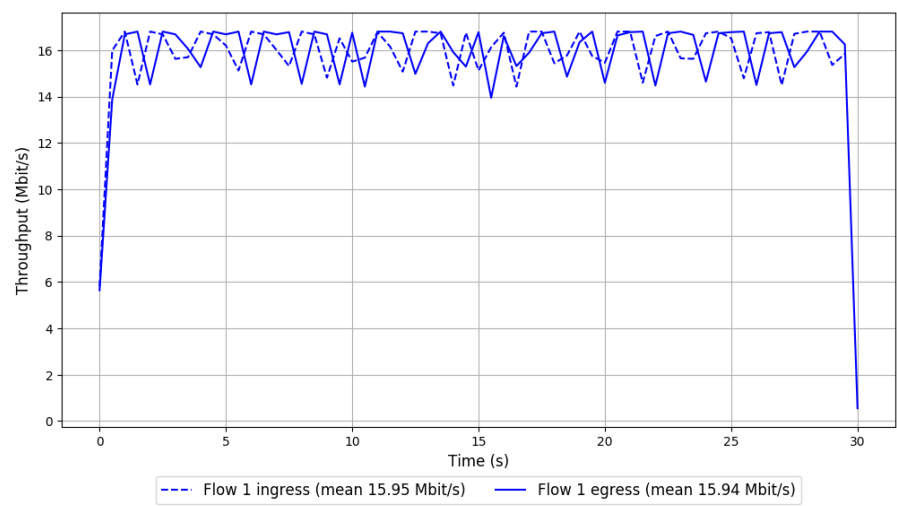


Run 9: Statistics of KohoCC

Start at: 2017-09-18 04:29:45
End at: 2017-09-18 04:30:15
Local clock offset: -0.302 ms
Remote clock offset: -1.127 ms

Below is generated by plot.py at 2017-09-18 05:37:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.94 Mbit/s
95th percentile per-packet one-way delay: 51.053 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 15.94 Mbit/s
95th percentile per-packet one-way delay: 51.053 ms
Loss rate: 0.08%

Run 9: Report of KohoCC — Data Link



Run 10: Statistics of KohoCC

Start at: 2017-09-18 04:51:32

End at: 2017-09-18 04:52:02

Local clock offset: 0.593 ms

Remote clock offset: -1.034 ms

Below is generated by plot.py at 2017-09-18 05:37:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 16.05 Mbit/s

95th percentile per-packet one-way delay: 50.888 ms

Loss rate: 0.00%

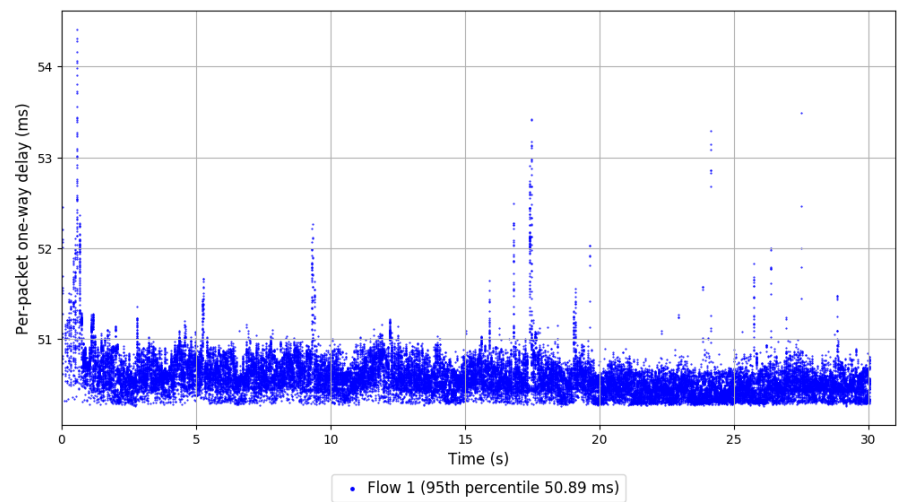
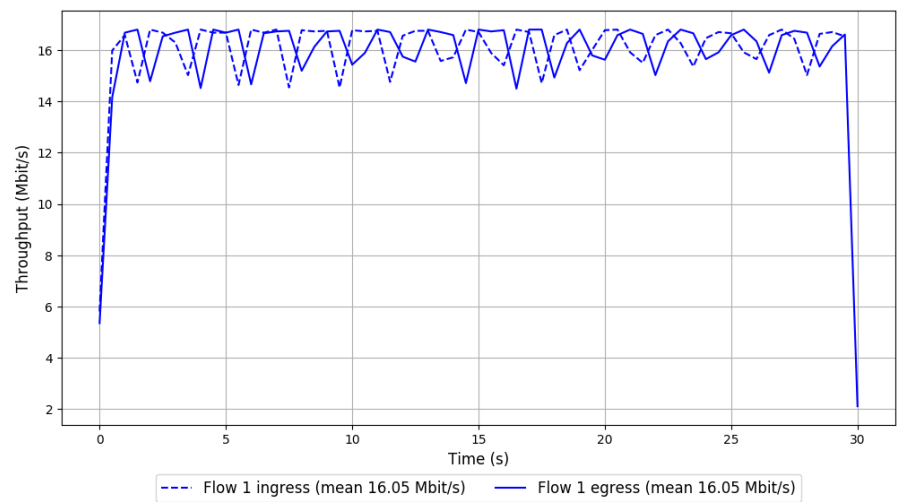
-- Flow 1:

Average throughput: 16.05 Mbit/s

95th percentile per-packet one-way delay: 50.888 ms

Loss rate: 0.00%

Run 10: Report of KohoCC — Data Link

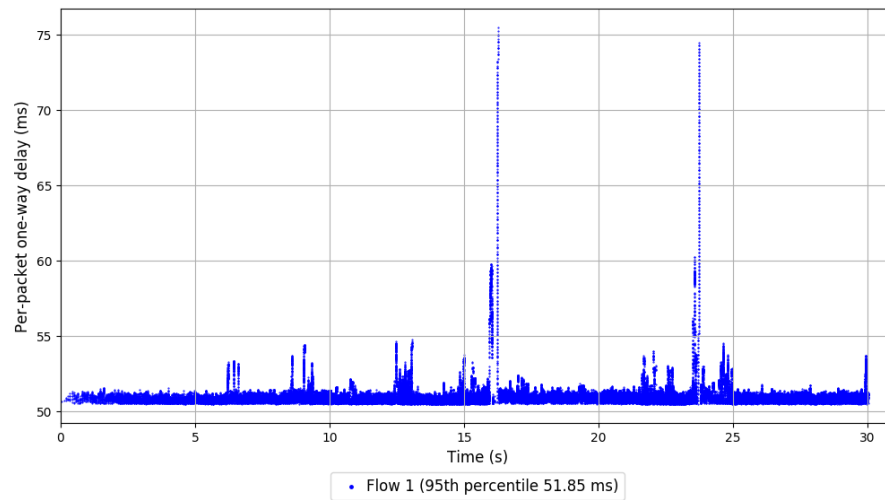
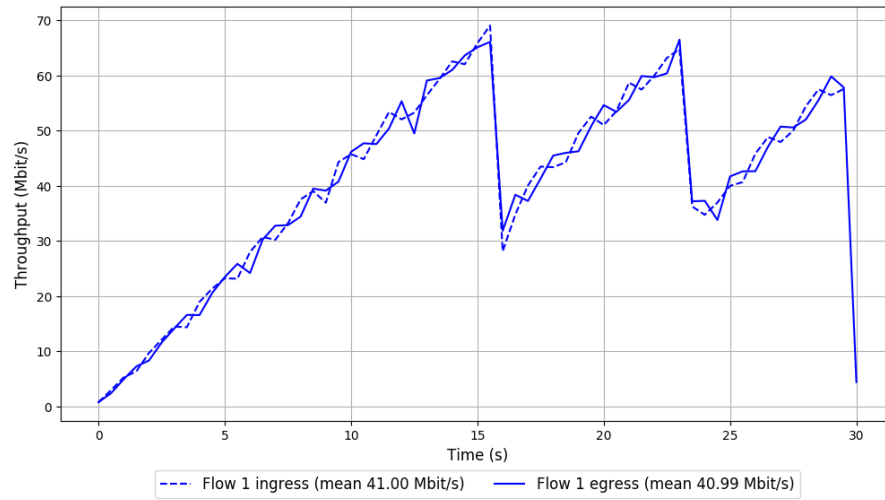


```
Run 1: Statistics of LEDBAT

Start at: 2017-09-18 01:55:58
End at: 2017-09-18 01:56:28
Local clock offset: -0.112 ms
Remote clock offset: -0.538 ms

# Below is generated by plot.py at 2017-09-18 05:38:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 40.99 Mbit/s
95th percentile per-packet one-way delay: 51.854 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 40.99 Mbit/s
95th percentile per-packet one-way delay: 51.854 ms
Loss rate: 0.01%
```


Run 1: Report of LEDBAT — Data Link

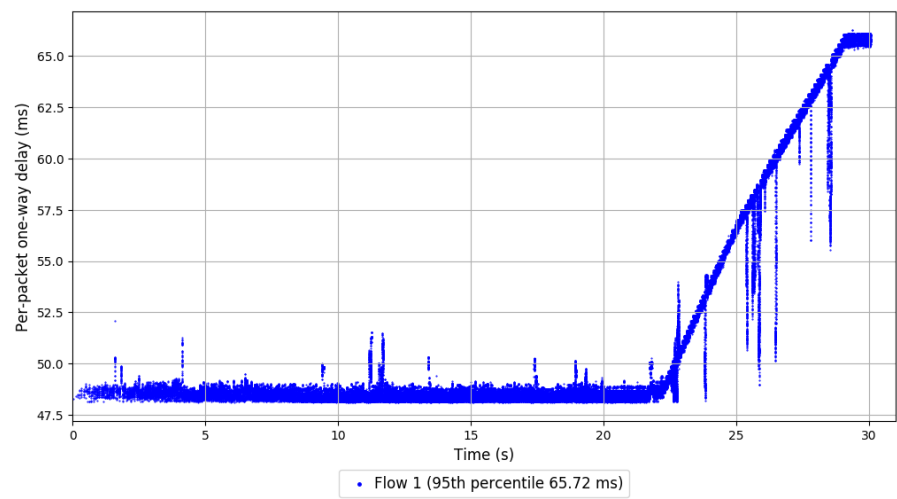
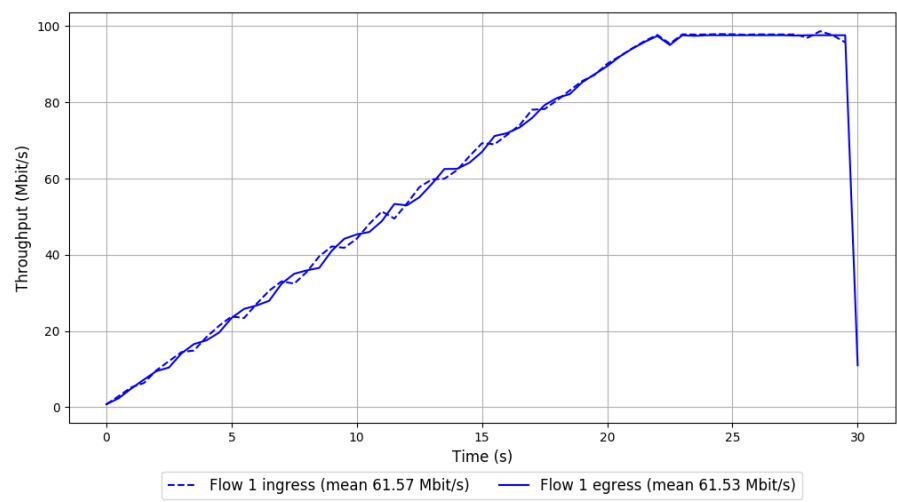


Run 2: Statistics of LEDBAT

Start at: 2017-09-18 02:16:34
End at: 2017-09-18 02:17:04
Local clock offset: -0.375 ms
Remote clock offset: -3.025 ms

Below is generated by plot.py at 2017-09-18 05:38:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 61.53 Mbit/s
95th percentile per-packet one-way delay: 65.715 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 61.53 Mbit/s
95th percentile per-packet one-way delay: 65.715 ms
Loss rate: 0.00%

Run 2: Report of LEDBAT — Data Link

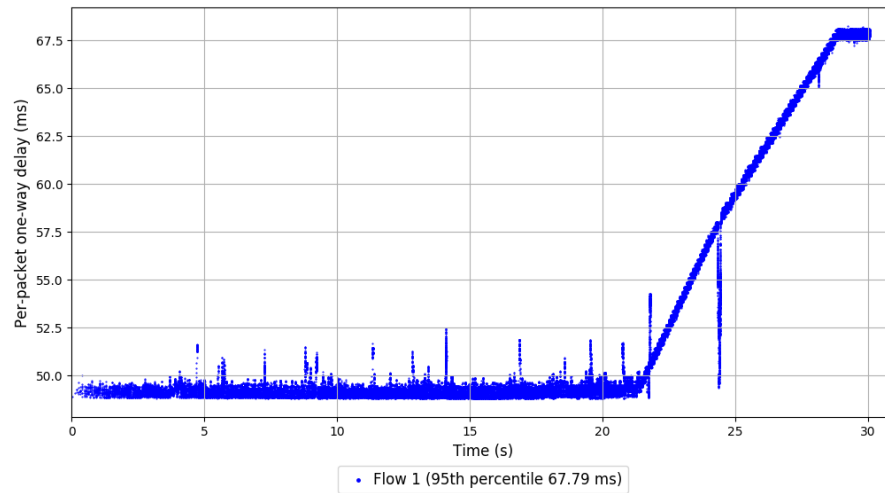
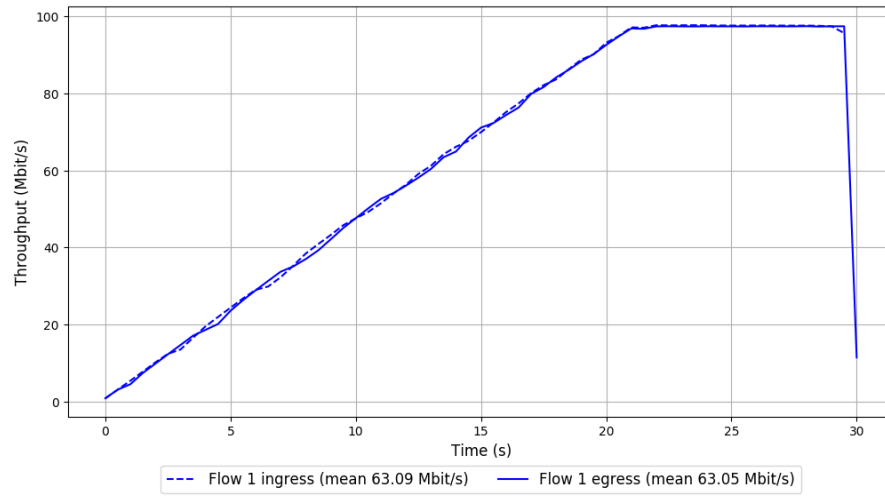


Run 3: Statistics of LEDBAT

Start at: 2017-09-18 02:37:11
End at: 2017-09-18 02:37:41
Local clock offset: -0.931 ms
Remote clock offset: -1.159 ms

Below is generated by plot.py at 2017-09-18 05:38:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 63.05 Mbit/s
95th percentile per-packet one-way delay: 67.793 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 63.05 Mbit/s
95th percentile per-packet one-way delay: 67.793 ms
Loss rate: 0.00%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

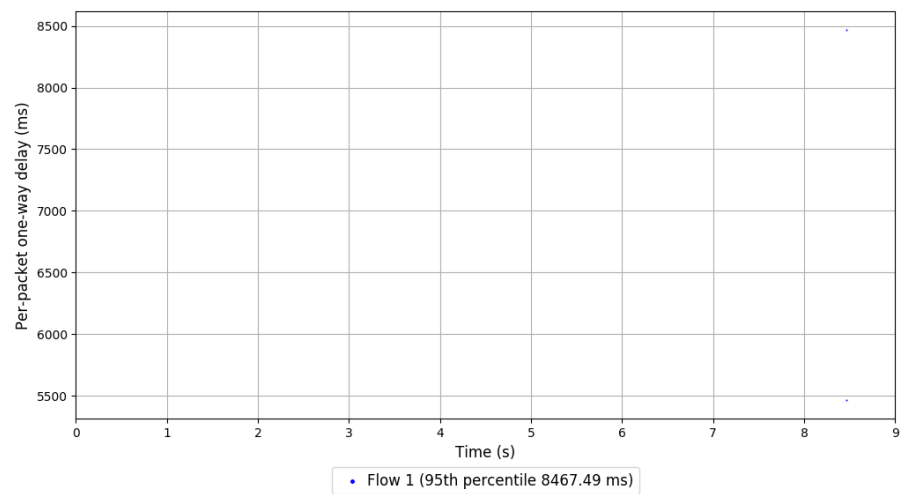
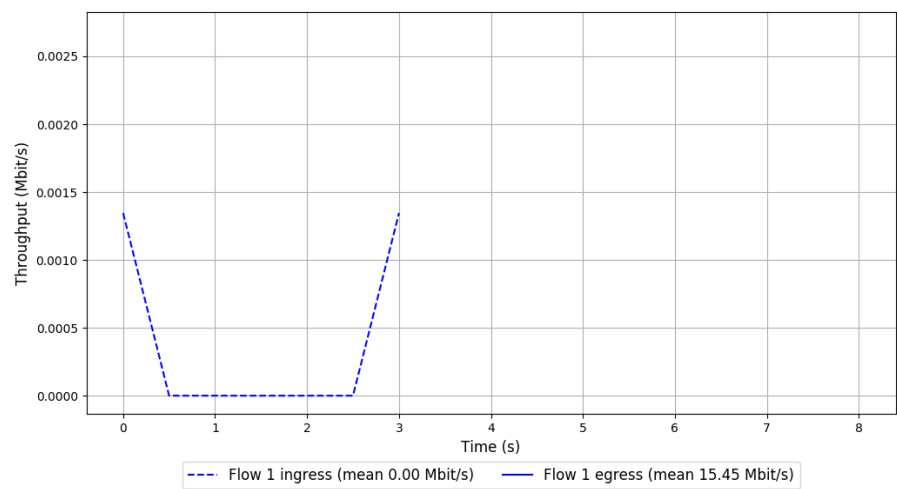
Start at: 2017-09-18 02:57:37

End at: 2017-09-18 02:58:07

Local clock offset: -1.634 ms

Remote clock offset: -3.077 ms

Run 4: Report of LEDBAT — Data Link

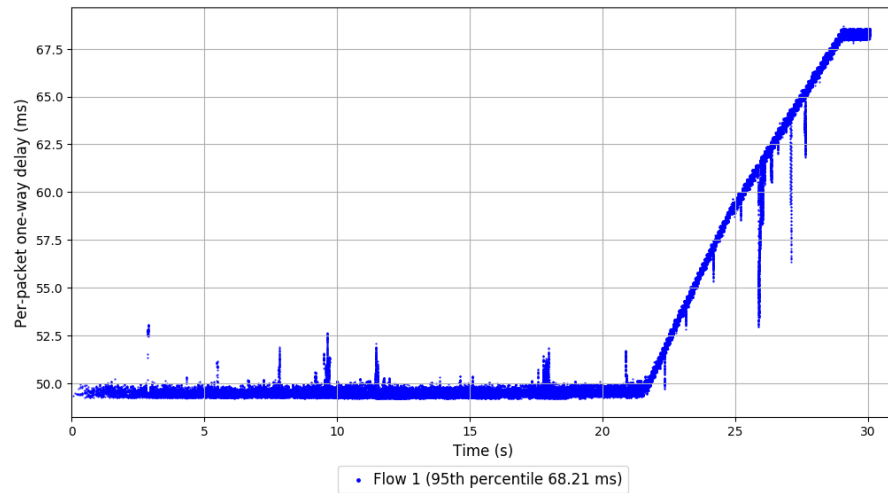
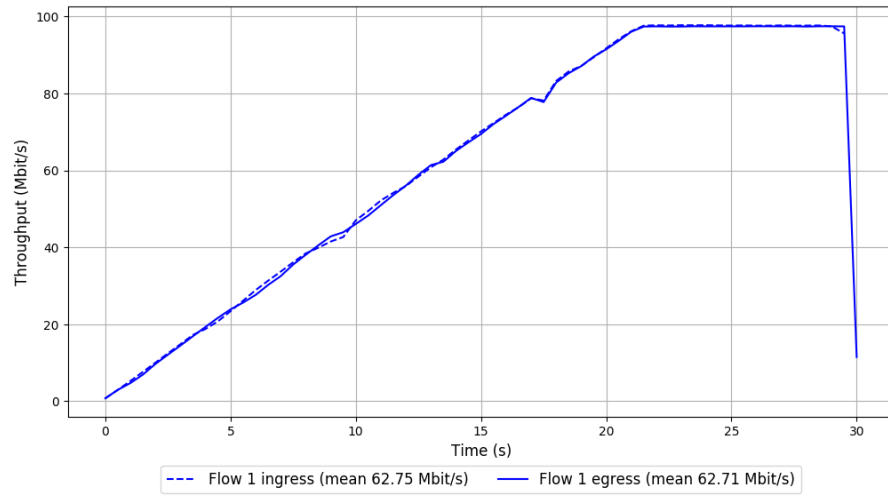


Run 5: Statistics of LEDBAT

Start at: 2017-09-18 03:18:09
End at: 2017-09-18 03:18:39
Local clock offset: -1.825 ms
Remote clock offset: -0.437 ms

Below is generated by plot.py at 2017-09-18 05:38:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 62.71 Mbit/s
95th percentile per-packet one-way delay: 68.210 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 62.71 Mbit/s
95th percentile per-packet one-way delay: 68.210 ms
Loss rate: 0.00%

Run 5: Report of LEDBAT — Data Link



Run 6: Statistics of LEDBAT

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

End at: 2017-09-18 03:39:39

Local clock offset: -1.928 ms

Remote clock offset: -0.54 ms

Below is generated by plot.py at 2017-09-18 05:38:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 61.17 Mbit/s

95th percentile per-packet one-way delay: 67.843 ms

Loss rate: 0.02%

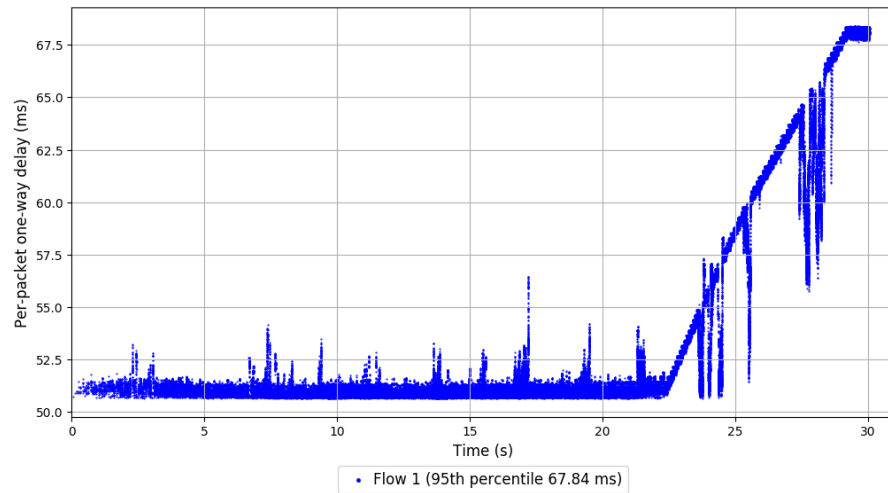
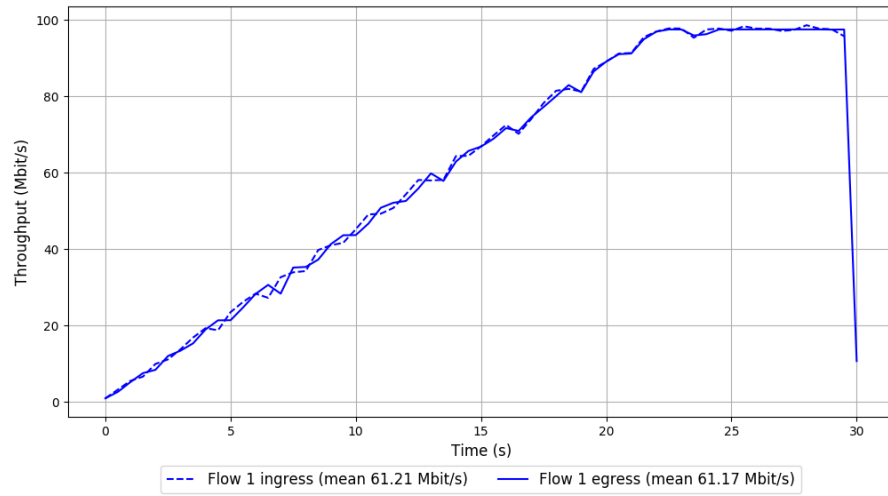
-- Flow 1:

Average throughput: 61.17 Mbit/s

95th percentile per-packet one-way delay: 67.843 ms

Loss rate: 0.02%

Run 6: Report of LEDBAT — Data Link

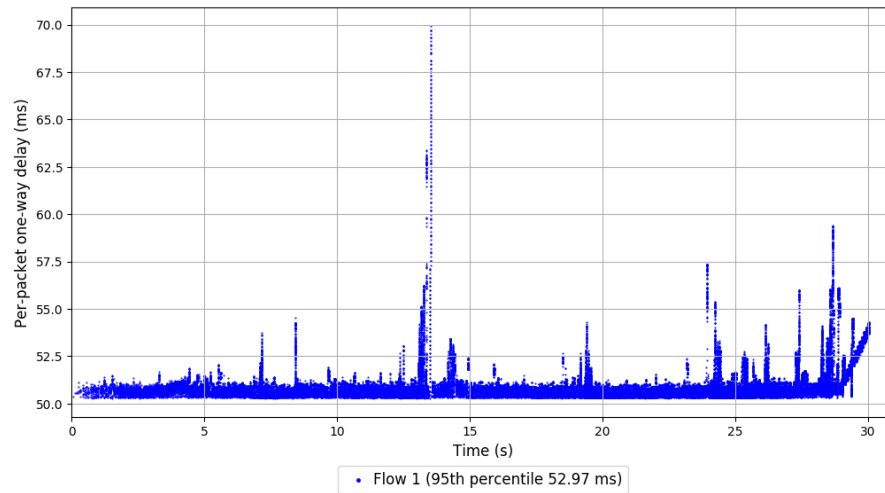
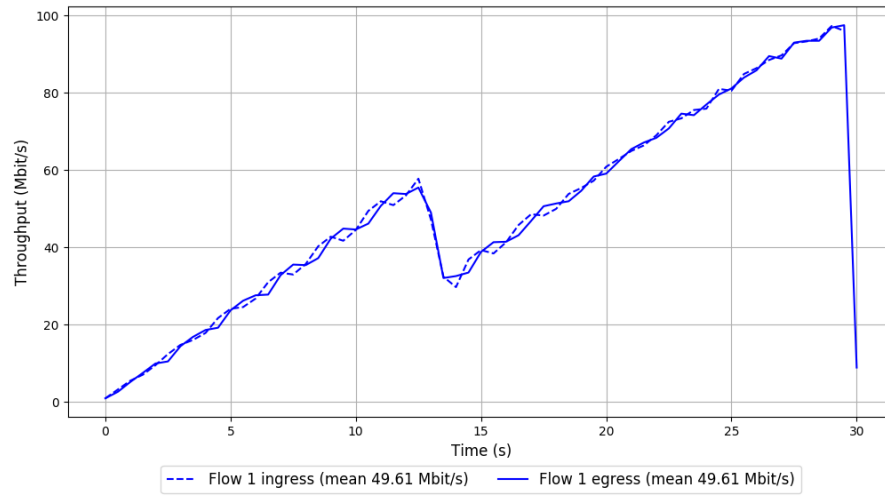


Run 7: Statistics of LEDBAT

Start at: 2017-09-18 04:00:13
End at: 2017-09-18 04:00:43
Local clock offset: -1.465 ms
Remote clock offset: -0.861 ms

Below is generated by plot.py at 2017-09-18 05:38:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 49.61 Mbit/s
95th percentile per-packet one-way delay: 52.972 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 49.61 Mbit/s
95th percentile per-packet one-way delay: 52.972 ms
Loss rate: 0.00%

Run 7: Report of LEDBAT — Data Link

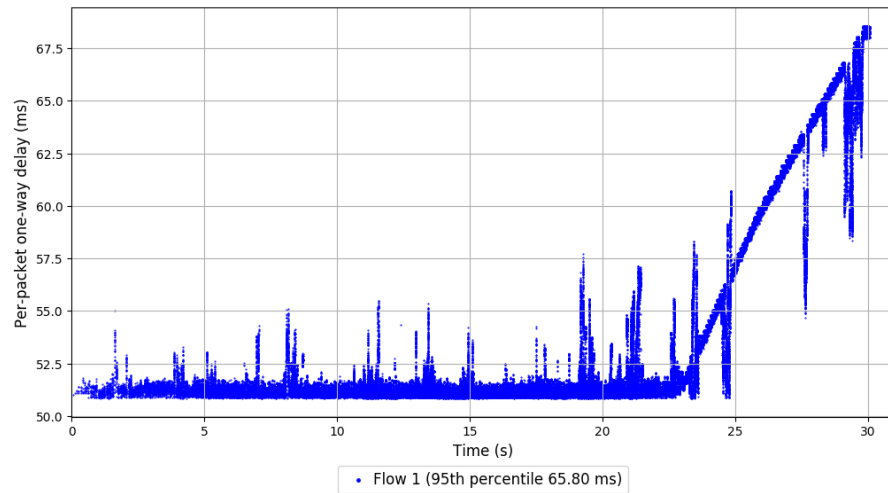
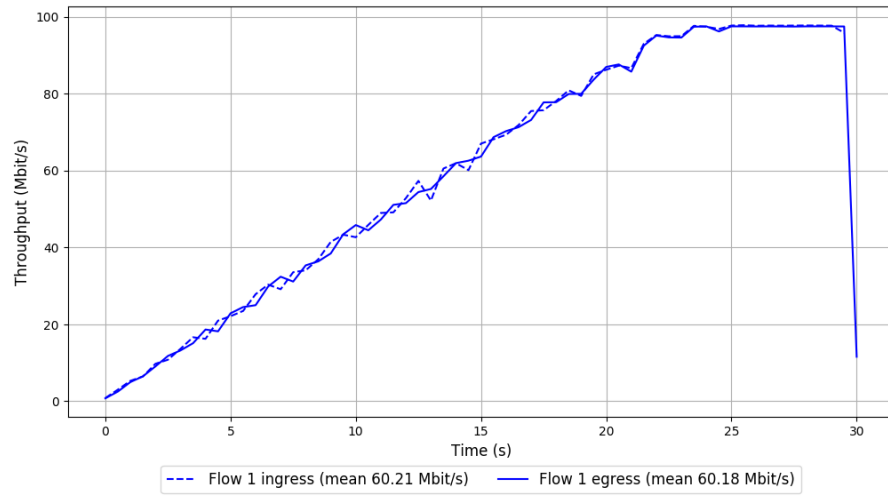


Run 8: Statistics of LEDBAT

Start at: 2017-09-18 04:20:56
End at: 2017-09-18 04:21:26
Local clock offset: -0.522 ms
Remote clock offset: -0.686 ms

Below is generated by plot.py at 2017-09-18 05:38:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 60.18 Mbit/s
95th percentile per-packet one-way delay: 65.803 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 60.18 Mbit/s
95th percentile per-packet one-way delay: 65.803 ms
Loss rate: 0.00%

Run 8: Report of LEDBAT — Data Link

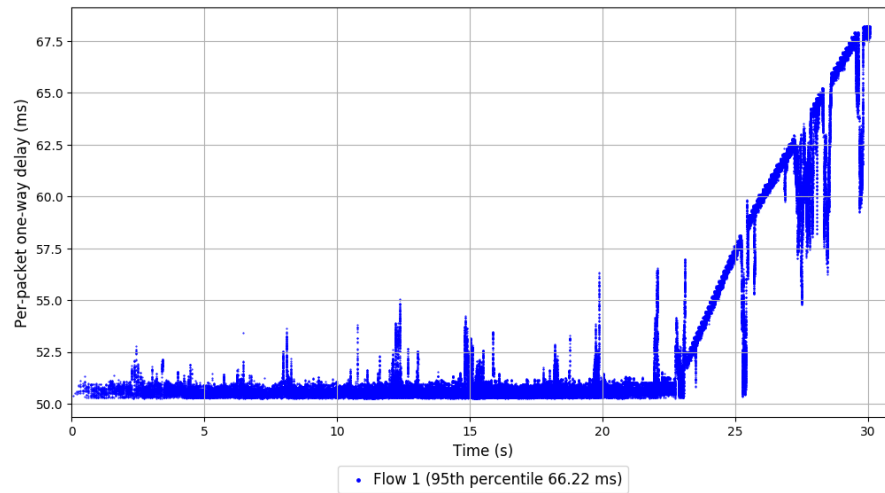
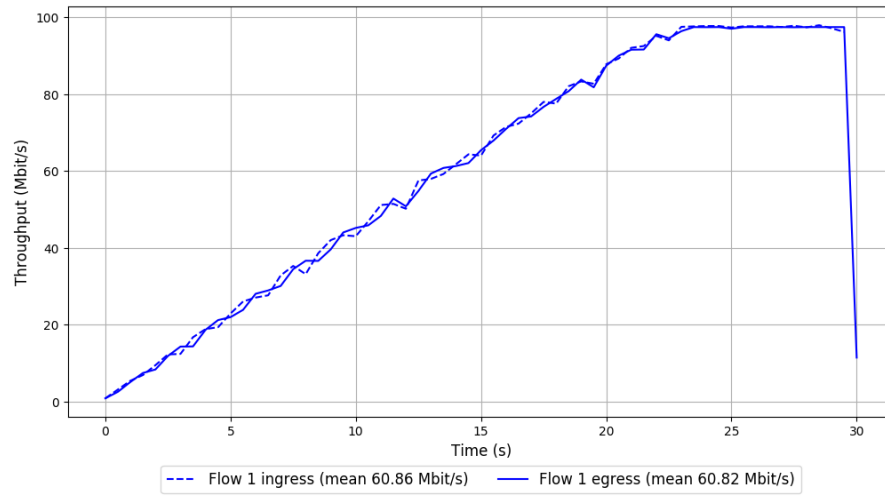


Run 9: Statistics of LEDBAT

Start at: 2017-09-18 04:42:51
End at: 2017-09-18 04:43:21
Local clock offset: 0.291 ms
Remote clock offset: -1.037 ms

Below is generated by plot.py at 2017-09-18 05:38:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 60.82 Mbit/s
95th percentile per-packet one-way delay: 66.221 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 60.82 Mbit/s
95th percentile per-packet one-way delay: 66.221 ms
Loss rate: 0.00%

Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: 2017-09-18 05:04:28

End at: 2017-09-18 05:04:58

Local clock offset: 0.973 ms

Remote clock offset: -1.029 ms

Below is generated by plot.py at 2017-09-18 05:38:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 27.41 Mbit/s

95th percentile per-packet one-way delay: 51.405 ms

Loss rate: 0.05%

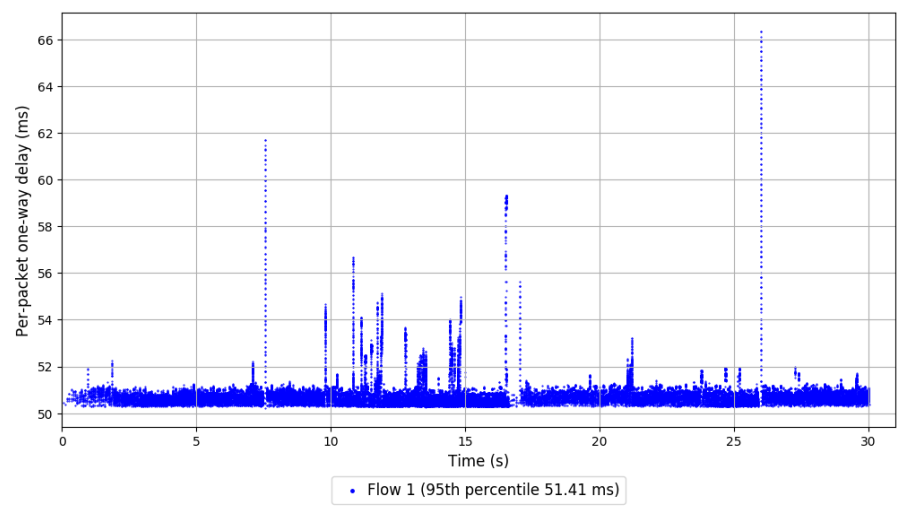
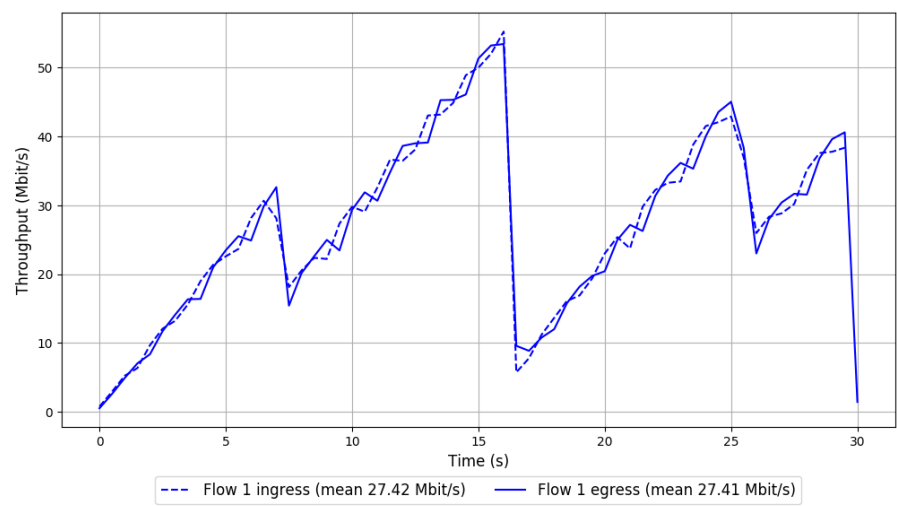
-- Flow 1:

Average throughput: 27.41 Mbit/s

95th percentile per-packet one-way delay: 51.405 ms

Loss rate: 0.05%

Run 10: Report of LEDBAT — Data Link

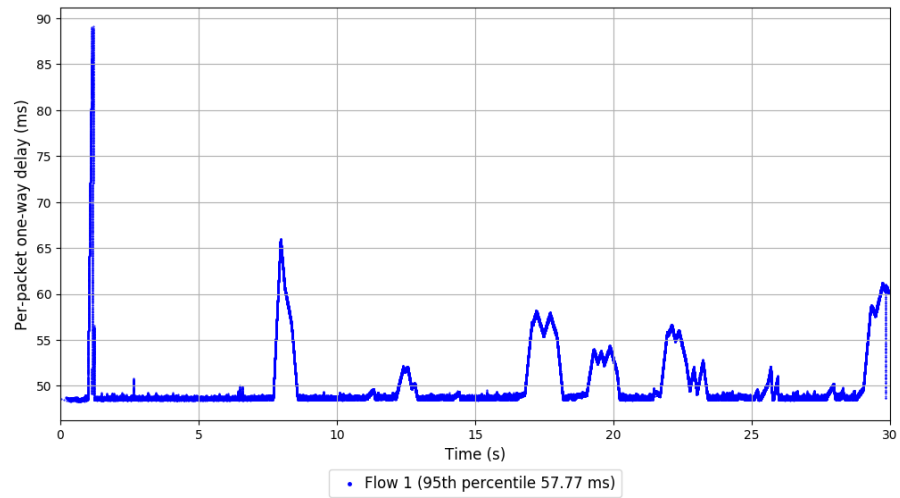
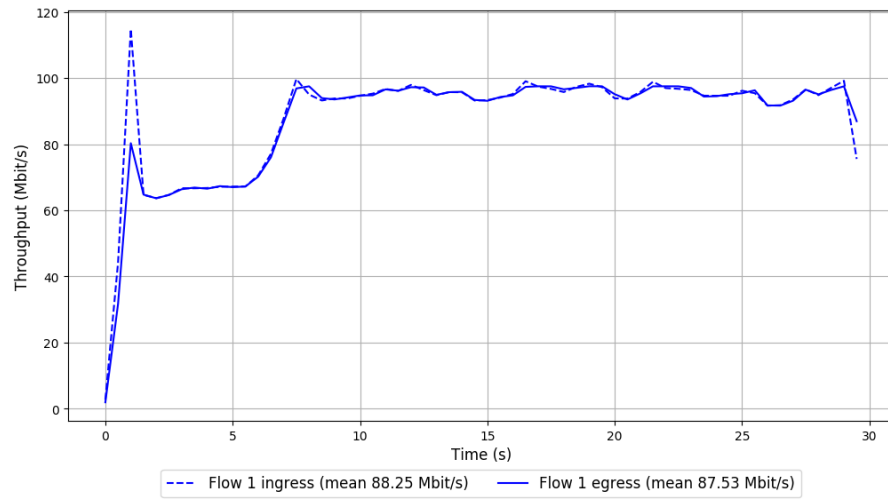


Run 1: Statistics of PCC

Start at: 2017-09-18 01:46:03
End at: 2017-09-18 01:46:33
Local clock offset: 0.044 ms
Remote clock offset: -2.404 ms

Below is generated by plot.py at 2017-09-18 05:39:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.53 Mbit/s
95th percentile per-packet one-way delay: 57.766 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 87.53 Mbit/s
95th percentile per-packet one-way delay: 57.766 ms
Loss rate: 0.79%

Run 1: Report of PCC — Data Link

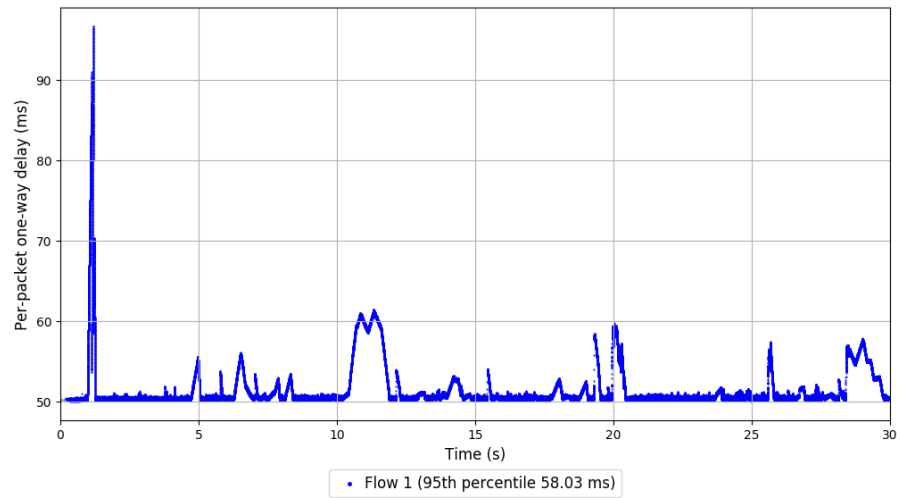
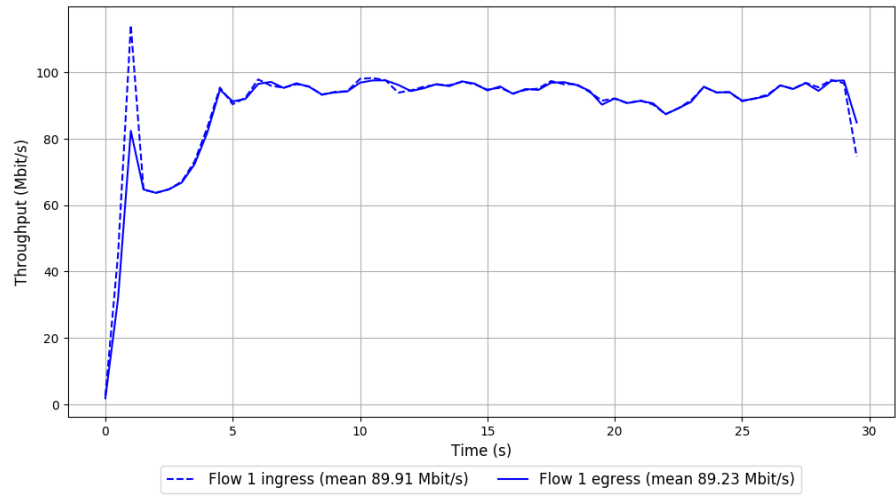


Run 2: Statistics of PCC

Start at: 2017-09-18 02:07:07
End at: 2017-09-18 02:07:37
Local clock offset: -0.309 ms
Remote clock offset: -0.829 ms

Below is generated by plot.py at 2017-09-18 05:39:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.23 Mbit/s
95th percentile per-packet one-way delay: 58.029 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 89.23 Mbit/s
95th percentile per-packet one-way delay: 58.029 ms
Loss rate: 0.76%

Run 2: Report of PCC — Data Link

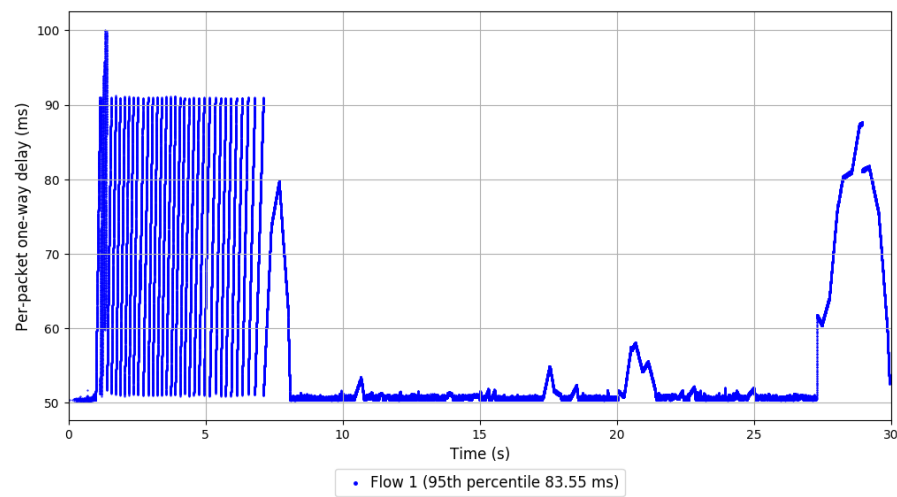
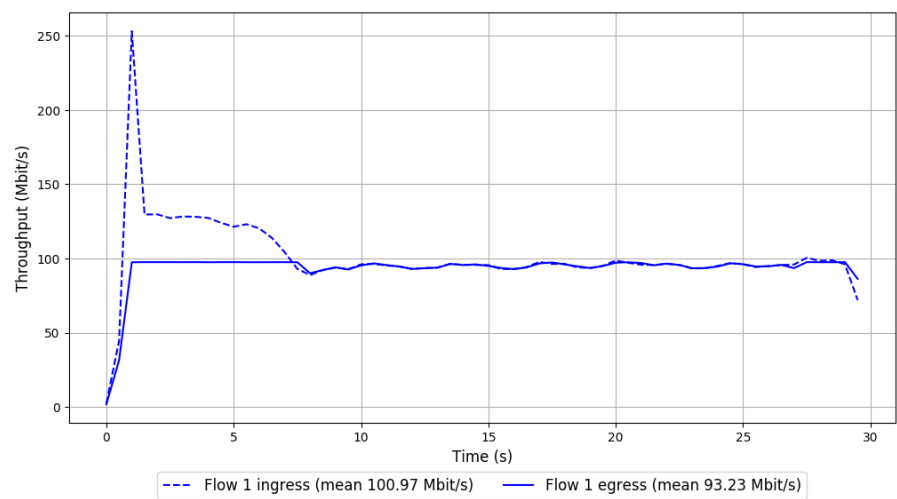


Run 3: Statistics of PCC

Start at: 2017-09-18 02:27:40
End at: 2017-09-18 02:28:10
Local clock offset: -0.703 ms
Remote clock offset: -1.181 ms

Below is generated by plot.py at 2017-09-18 05:39:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.23 Mbit/s
95th percentile per-packet one-way delay: 83.550 ms
Loss rate: 7.66%
-- Flow 1:
Average throughput: 93.23 Mbit/s
95th percentile per-packet one-way delay: 83.550 ms
Loss rate: 7.66%

Run 3: Report of PCC — Data Link

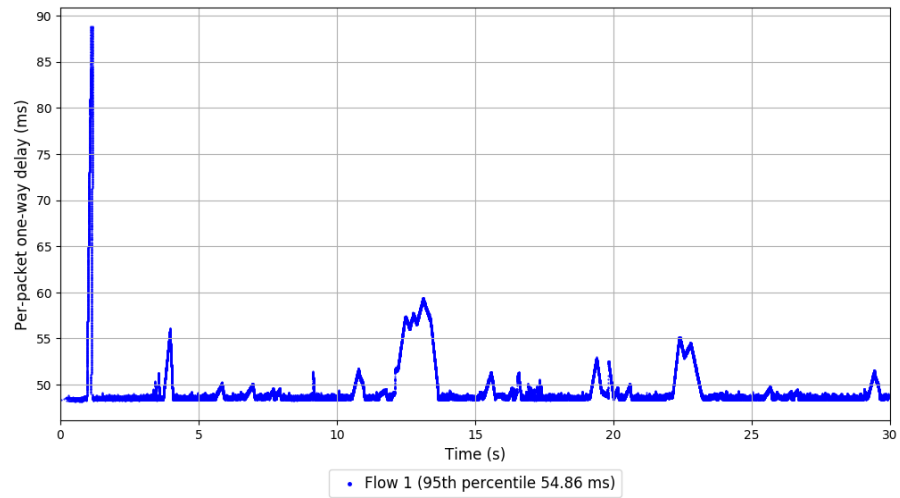
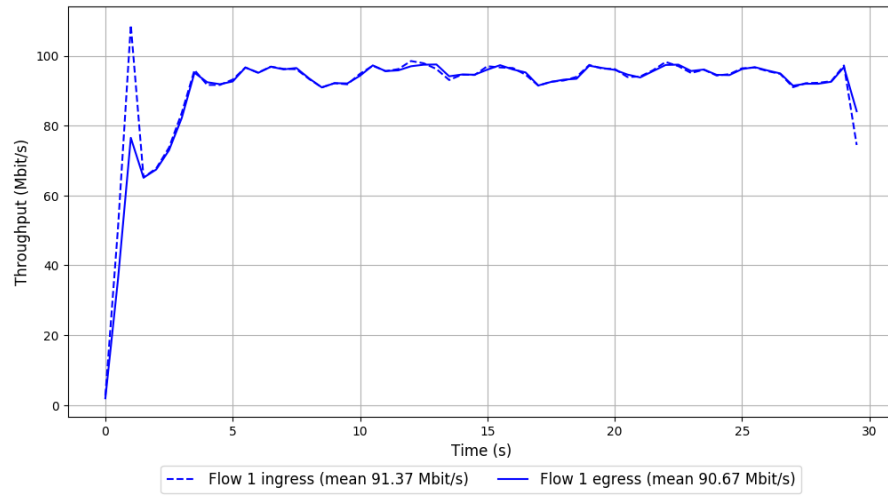


Run 4: Statistics of PCC

Start at: 2017-09-18 02:48:12
End at: 2017-09-18 02:48:42
Local clock offset: -1.266 ms
Remote clock offset: -3.179 ms

Below is generated by plot.py at 2017-09-18 05:39:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.67 Mbit/s
95th percentile per-packet one-way delay: 54.861 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 90.67 Mbit/s
95th percentile per-packet one-way delay: 54.861 ms
Loss rate: 0.76%

Run 4: Report of PCC — Data Link

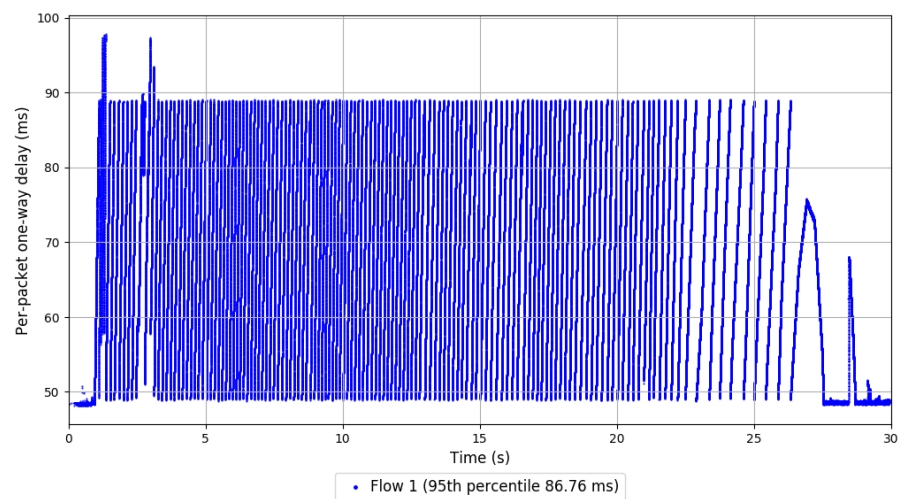
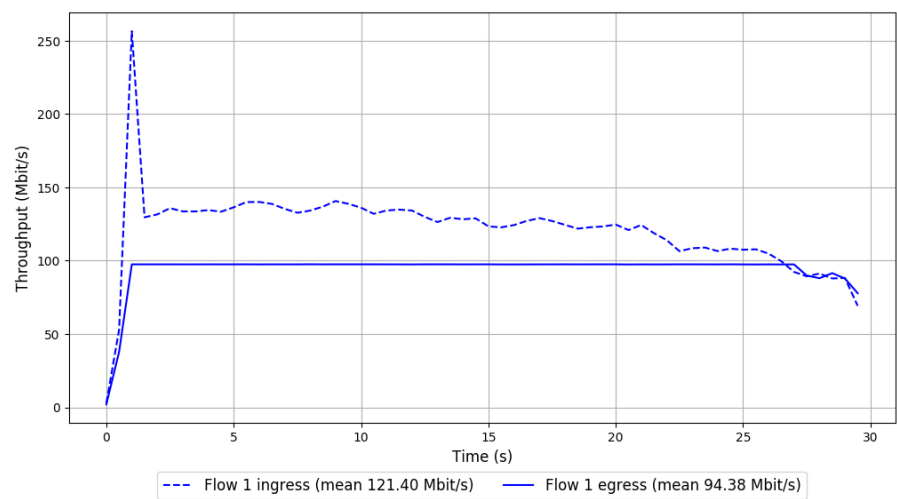


Run 5: Statistics of PCC

Start at: 2017-09-18 03:08:24
End at: 2017-09-18 03:08:54
Local clock offset: -1.848 ms
Remote clock offset: -2.921 ms

Below is generated by plot.py at 2017-09-18 05:40:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.38 Mbit/s
95th percentile per-packet one-way delay: 86.761 ms
Loss rate: 22.26%
-- Flow 1:
Average throughput: 94.38 Mbit/s
95th percentile per-packet one-way delay: 86.761 ms
Loss rate: 22.26%

Run 5: Report of PCC — Data Link

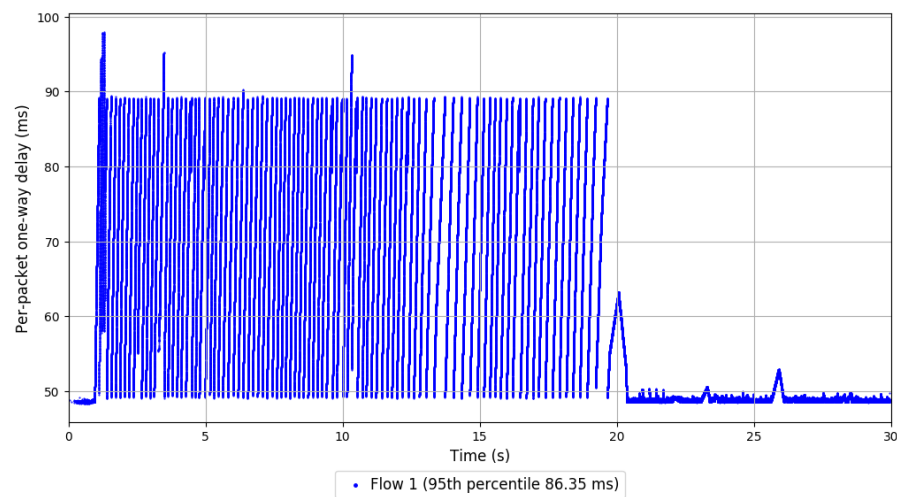
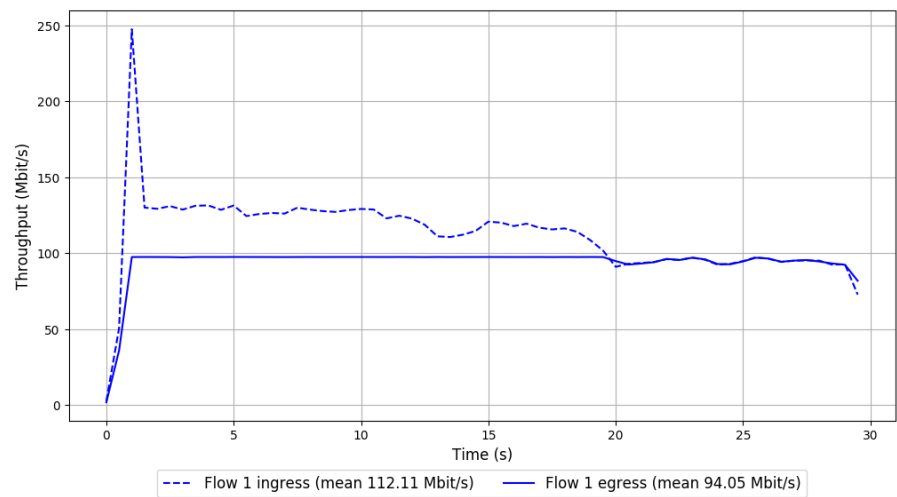


Run 6: Statistics of PCC

Start at: 2017-09-18 03:29:21
End at: 2017-09-18 03:29:51
Local clock offset: -1.89 ms
Remote clock offset: -2.678 ms

Below is generated by plot.py at 2017-09-18 05:40:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.05 Mbit/s
95th percentile per-packet one-way delay: 86.352 ms
Loss rate: 16.11%
-- Flow 1:
Average throughput: 94.05 Mbit/s
95th percentile per-packet one-way delay: 86.352 ms
Loss rate: 16.11%

Run 6: Report of PCC — Data Link

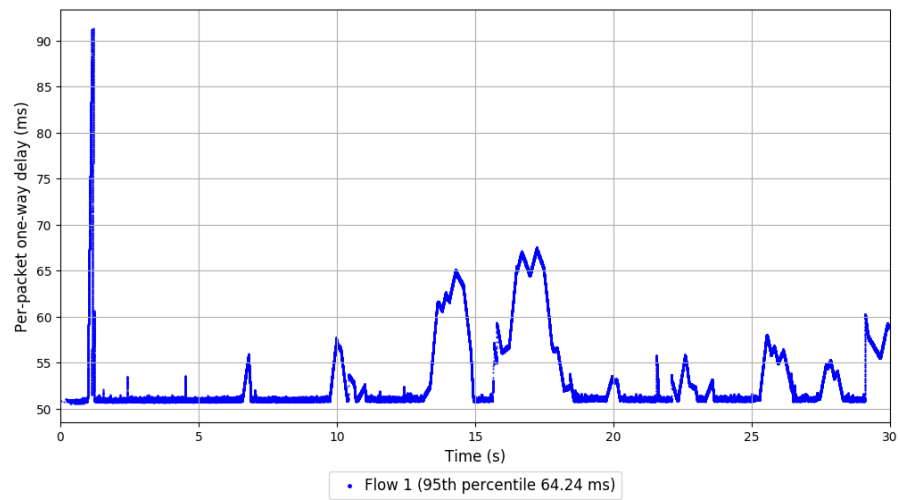
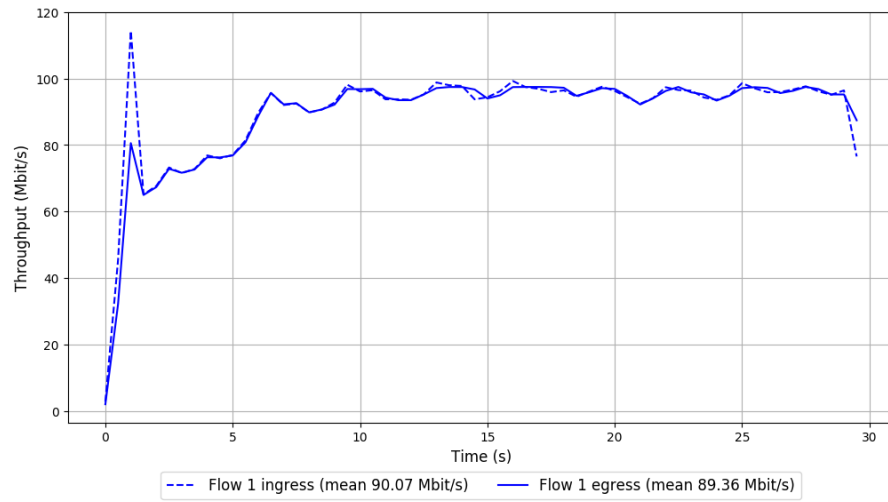


Run 7: Statistics of PCC

Start at: 2017-09-18 03:50:19
End at: 2017-09-18 03:50:49
Local clock offset: -1.895 ms
Remote clock offset: -0.298 ms

Below is generated by plot.py at 2017-09-18 05:40:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.36 Mbit/s
95th percentile per-packet one-way delay: 64.239 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 89.36 Mbit/s
95th percentile per-packet one-way delay: 64.239 ms
Loss rate: 0.77%

Run 7: Report of PCC — Data Link

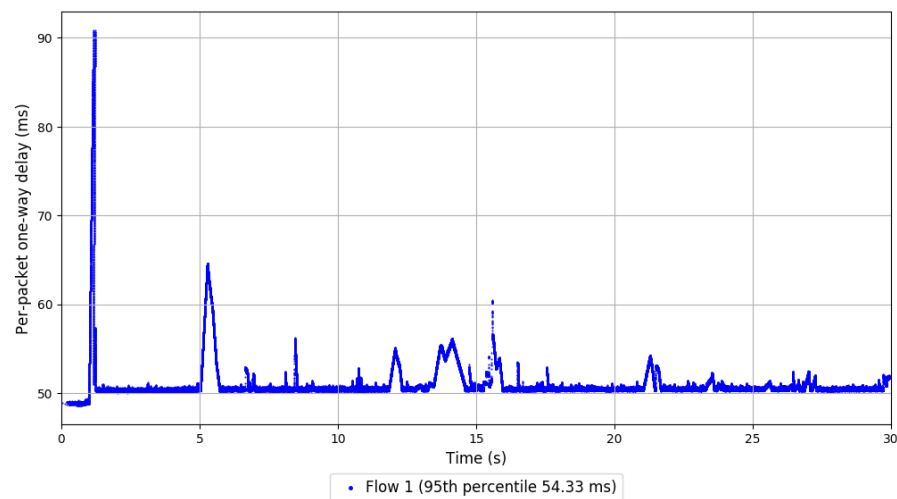
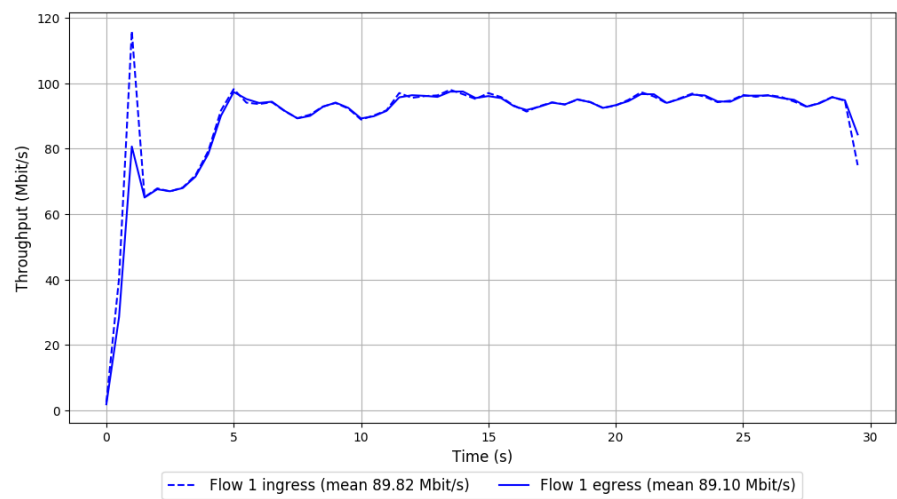


Run 8: Statistics of PCC

Start at: 2017-09-18 04:11:27
End at: 2017-09-18 04:11:57
Local clock offset: -0.941 ms
Remote clock offset: -1.086 ms

Below is generated by plot.py at 2017-09-18 05:40:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.10 Mbit/s
95th percentile per-packet one-way delay: 54.330 ms
Loss rate: 0.80%
-- Flow 1:
Average throughput: 89.10 Mbit/s
95th percentile per-packet one-way delay: 54.330 ms
Loss rate: 0.80%

Run 8: Report of PCC — Data Link

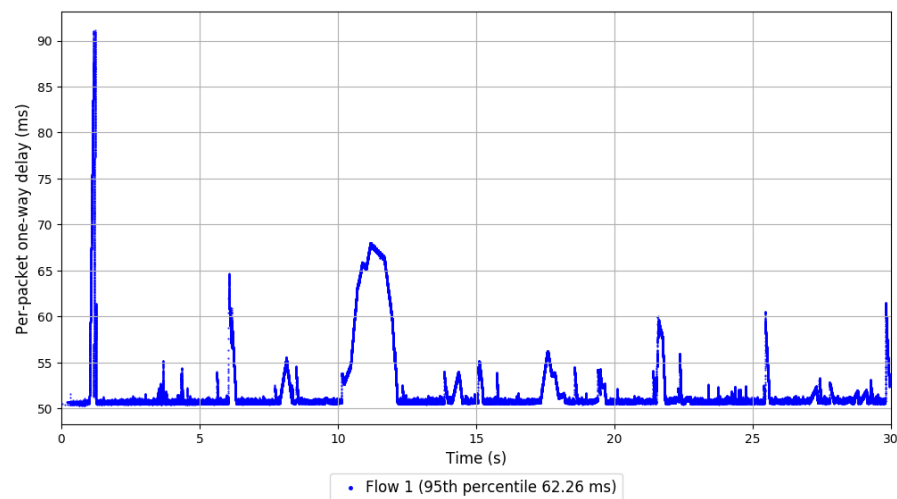
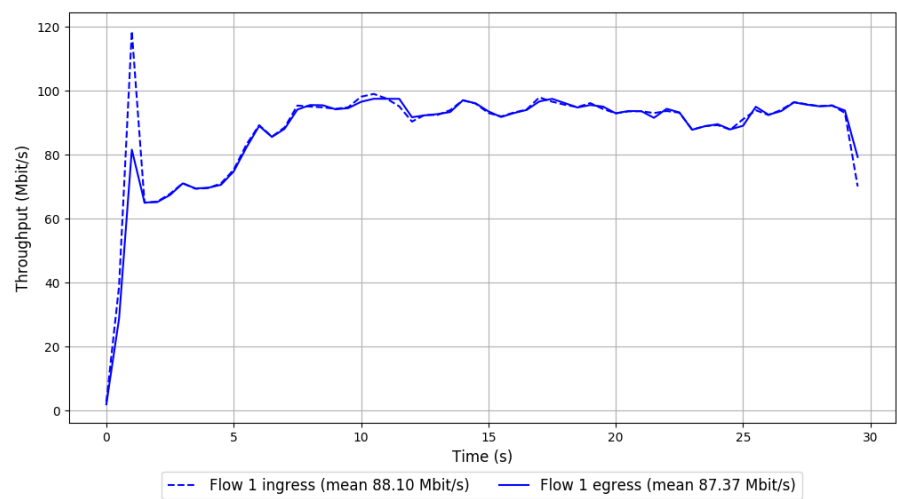


Run 9: Statistics of PCC

Start at: 2017-09-18 04:32:45
End at: 2017-09-18 04:33:15
Local clock offset: -0.089 ms
Remote clock offset: -1.029 ms

Below is generated by plot.py at 2017-09-18 05:40:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.37 Mbit/s
95th percentile per-packet one-way delay: 62.255 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 87.37 Mbit/s
95th percentile per-packet one-way delay: 62.255 ms
Loss rate: 0.82%

Run 9: Report of PCC — Data Link

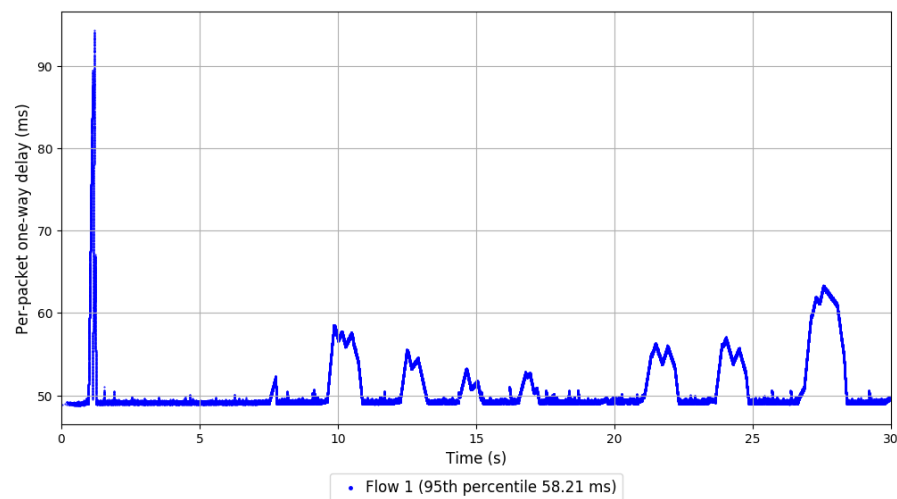
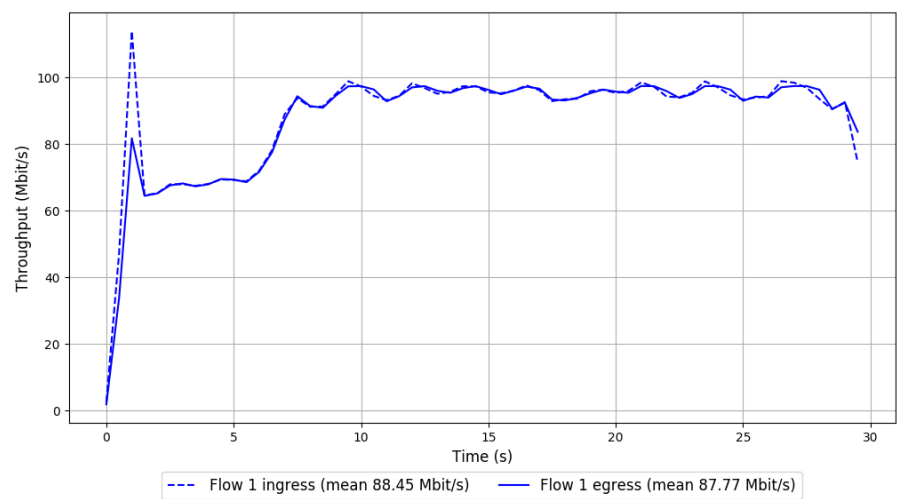


Run 10: Statistics of PCC

Start at: 2017-09-18 04:54:25
End at: 2017-09-18 04:54:55
Local clock offset: 0.572 ms
Remote clock offset: -1.036 ms

Below is generated by plot.py at 2017-09-18 05:41:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.77 Mbit/s
95th percentile per-packet one-way delay: 58.207 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 87.77 Mbit/s
95th percentile per-packet one-way delay: 58.207 ms
Loss rate: 0.76%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

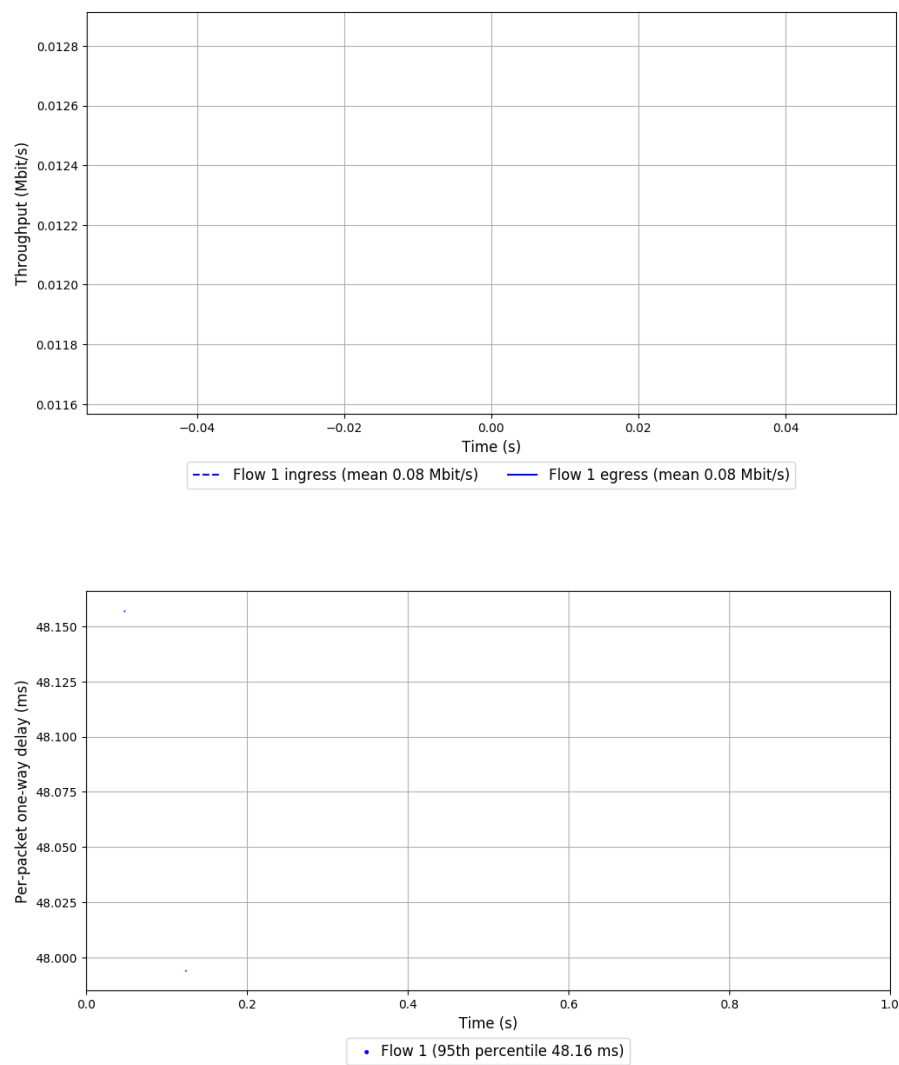
Start at: 2017-09-18 01:38:42

End at: 2017-09-18 01:39:12

Local clock offset: 0.205 ms

Remote clock offset: -2.389 ms

Run 1: Report of QUIC Cubic — Data Link

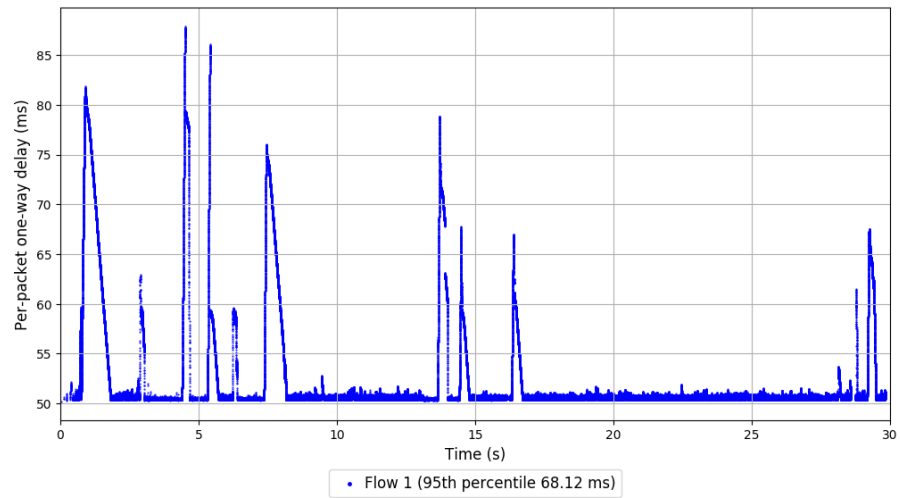
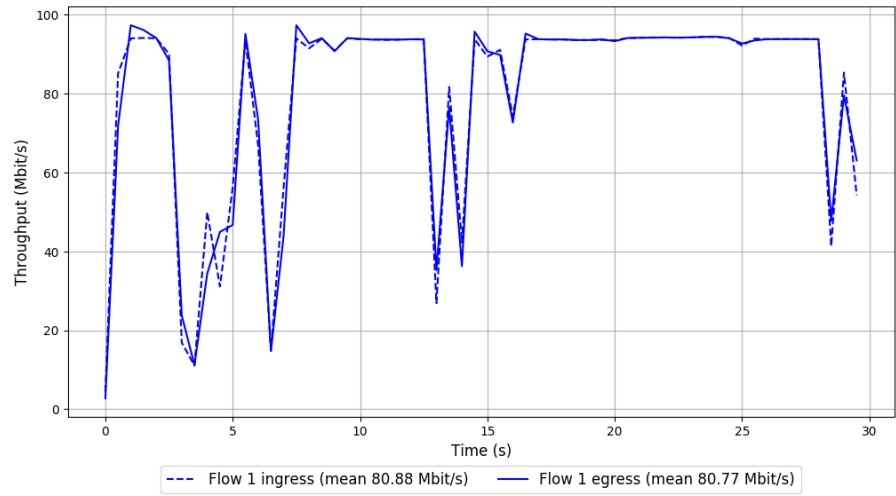


Run 2: Statistics of QUIC Cubic

Start at: 2017-09-18 02:00:03
End at: 2017-09-18 02:00:33
Local clock offset: -0.095 ms
Remote clock offset: -0.649 ms

Below is generated by plot.py at 2017-09-18 05:41:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.77 Mbit/s
95th percentile per-packet one-way delay: 68.123 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 80.77 Mbit/s
95th percentile per-packet one-way delay: 68.123 ms
Loss rate: 0.14%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2017-09-18 02:20:39

End at: 2017-09-18 02:21:09

Local clock offset: -0.589 ms

Remote clock offset: -3.1 ms

Below is generated by plot.py at 2017-09-18 05:41:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 70.69 Mbit/s

95th percentile per-packet one-way delay: 53.127 ms

Loss rate: 0.03%

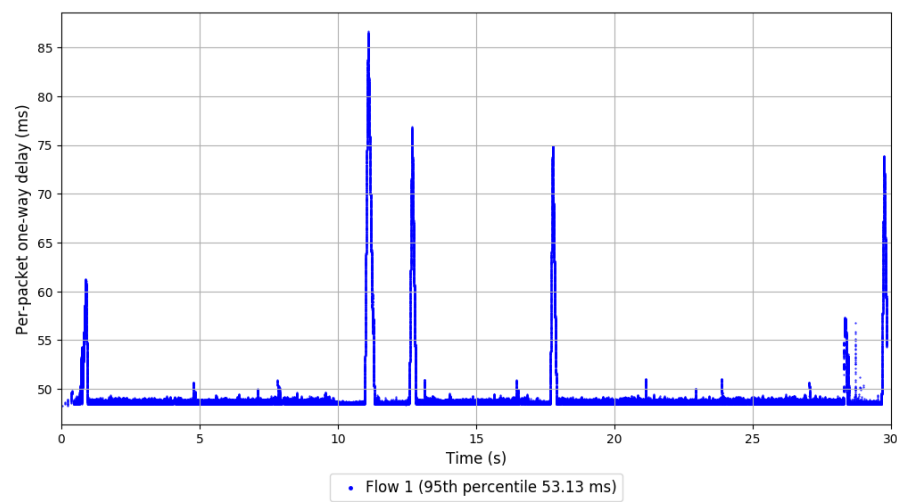
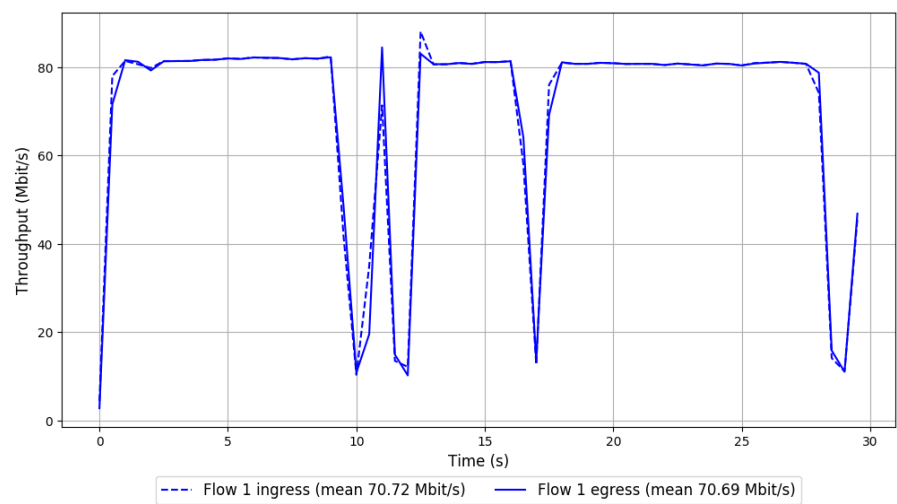
-- Flow 1:

Average throughput: 70.69 Mbit/s

95th percentile per-packet one-way delay: 53.127 ms

Loss rate: 0.03%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2017-09-18 02:41:14

End at: 2017-09-18 02:41:44

Local clock offset: -1.176 ms

Remote clock offset: -1.265 ms

Below is generated by plot.py at 2017-09-18 05:41:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.12 Mbit/s

95th percentile per-packet one-way delay: 84.251 ms

Loss rate: 0.74%

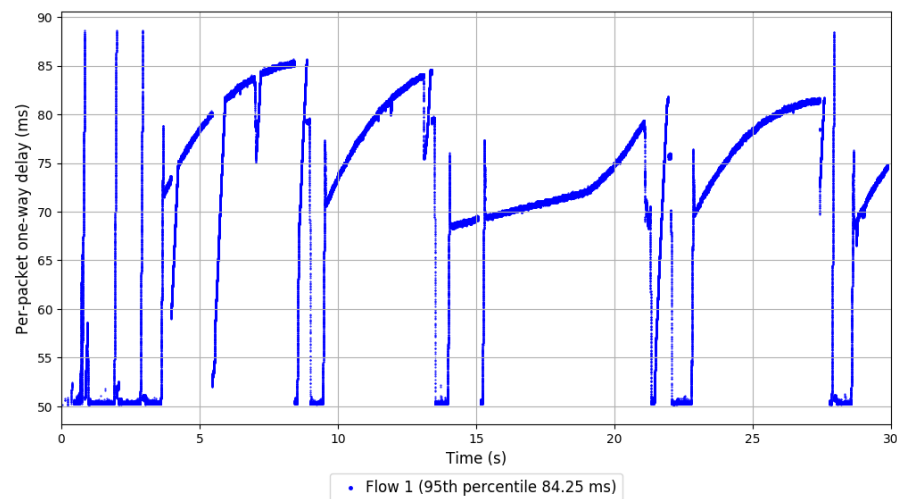
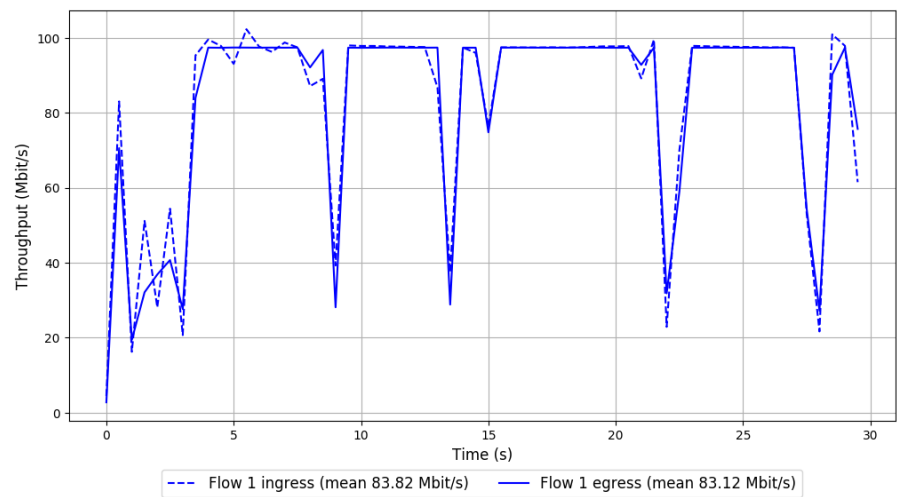
-- Flow 1:

Average throughput: 83.12 Mbit/s

95th percentile per-packet one-way delay: 84.251 ms

Loss rate: 0.74%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2017-09-18 03:01:30

End at: 2017-09-18 03:02:00

Local clock offset: -1.68 ms

Remote clock offset: -0.507 ms

Below is generated by plot.py at 2017-09-18 05:41:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.75 Mbit/s

95th percentile per-packet one-way delay: 87.205 ms

Loss rate: 0.63%

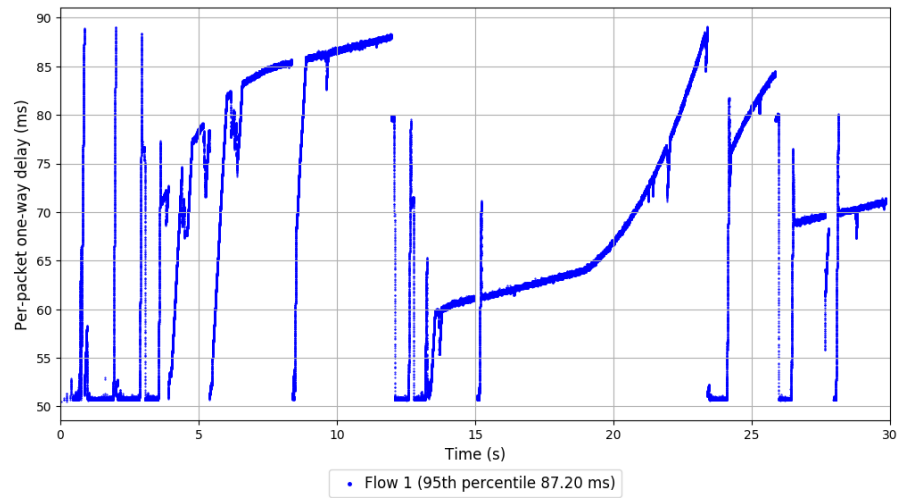
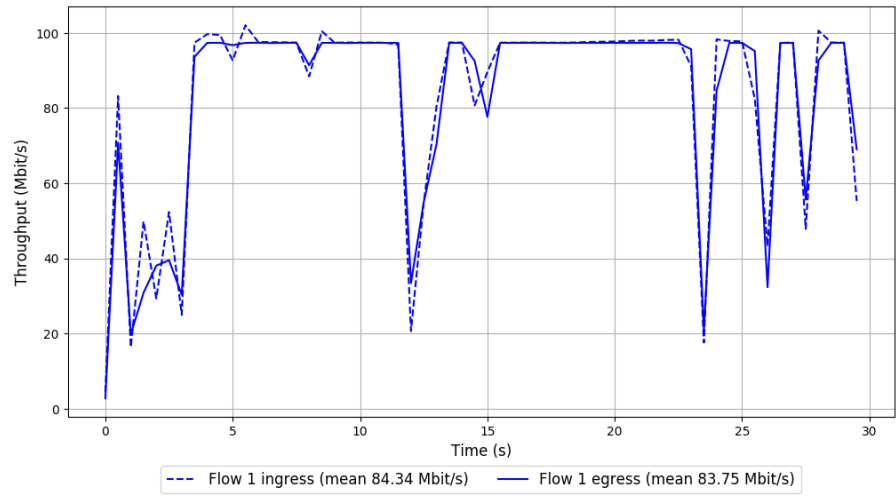
-- Flow 1:

Average throughput: 83.75 Mbit/s

95th percentile per-packet one-way delay: 87.205 ms

Loss rate: 0.63%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2017-09-18 03:22:12

End at: 2017-09-18 03:22:42

Local clock offset: -1.877 ms

Remote clock offset: -0.834 ms

Below is generated by plot.py at 2017-09-18 05:41:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.90 Mbit/s

95th percentile per-packet one-way delay: 85.464 ms

Loss rate: 0.47%

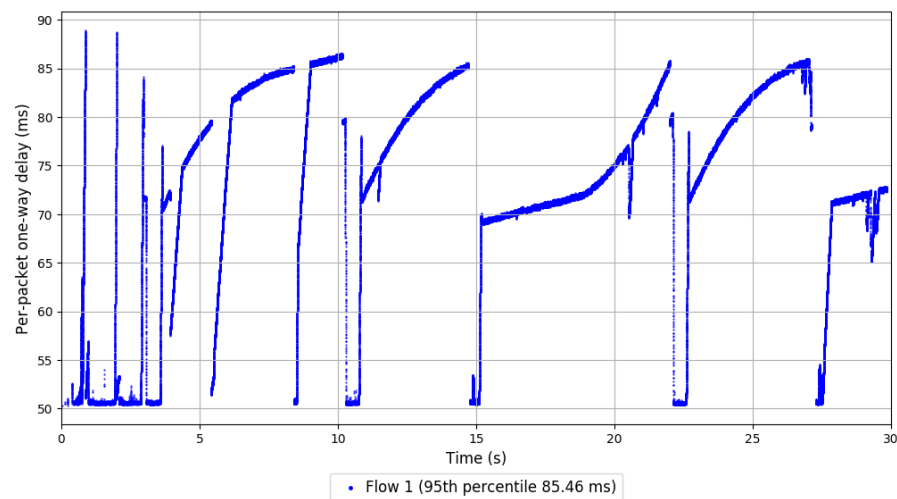
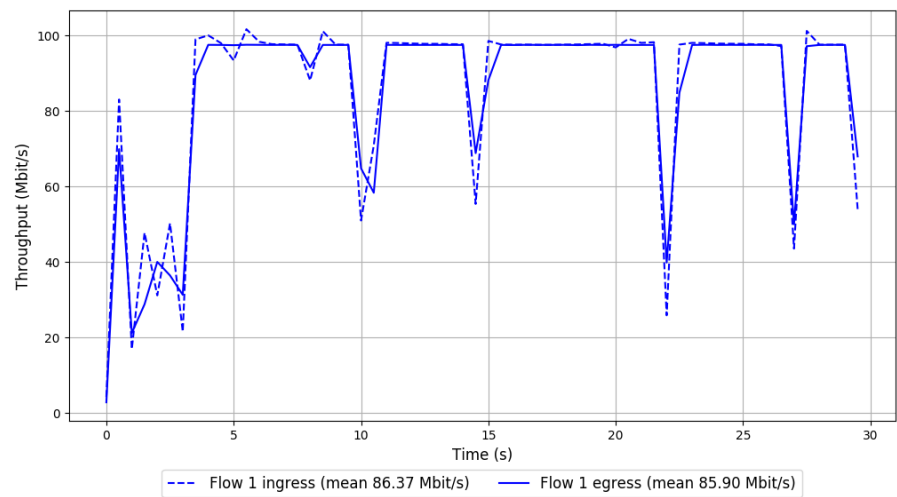
-- Flow 1:

Average throughput: 85.90 Mbit/s

95th percentile per-packet one-way delay: 85.464 ms

Loss rate: 0.47%

Run 6: Report of QUIC Cubic — Data Link

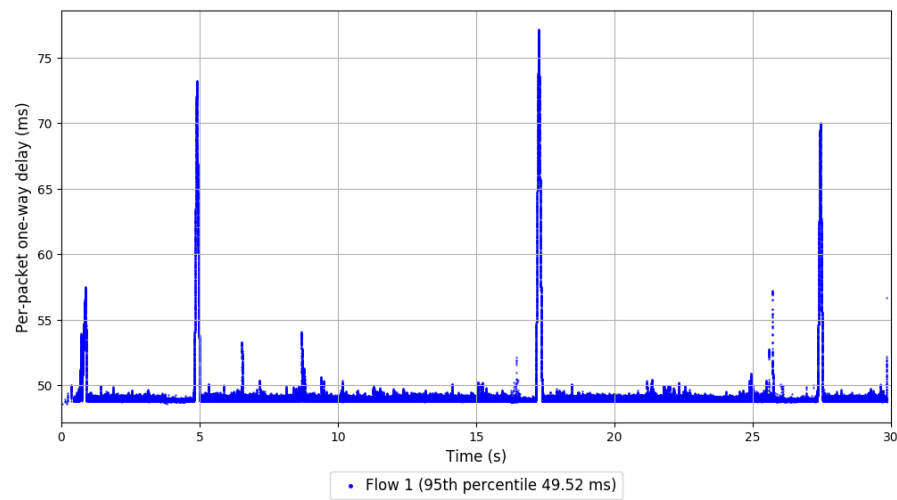
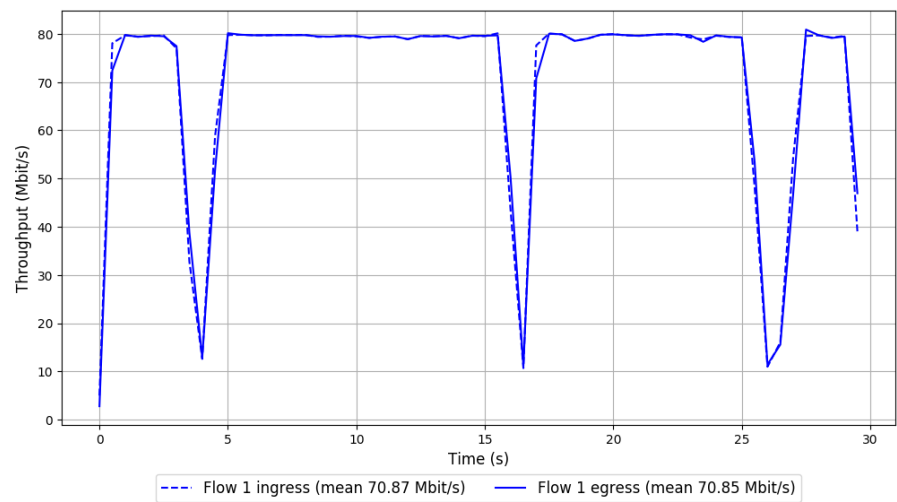


Run 7: Statistics of QUIC Cubic

Start at: 2017-09-18 03:43:13
End at: 2017-09-18 03:43:43
Local clock offset: -1.897 ms
Remote clock offset: -0.784 ms

Below is generated by plot.py at 2017-09-18 05:41:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 70.85 Mbit/s
95th percentile per-packet one-way delay: 49.525 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 70.85 Mbit/s
95th percentile per-packet one-way delay: 49.525 ms
Loss rate: 0.03%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2017-09-18 04:04:15

End at: 2017-09-18 04:04:45

Local clock offset: -1.248 ms

Remote clock offset: -3.091 ms

Below is generated by plot.py at 2017-09-18 05:42:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.71 Mbit/s

95th percentile per-packet one-way delay: 84.196 ms

Loss rate: 0.61%

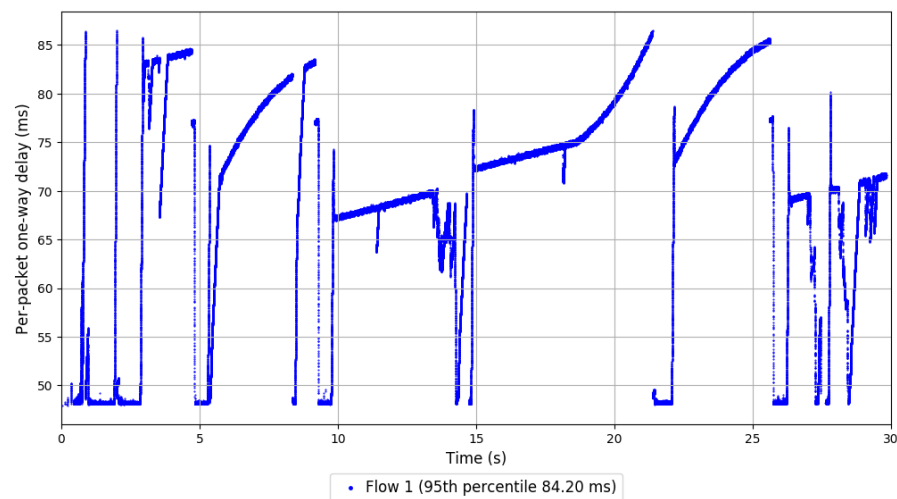
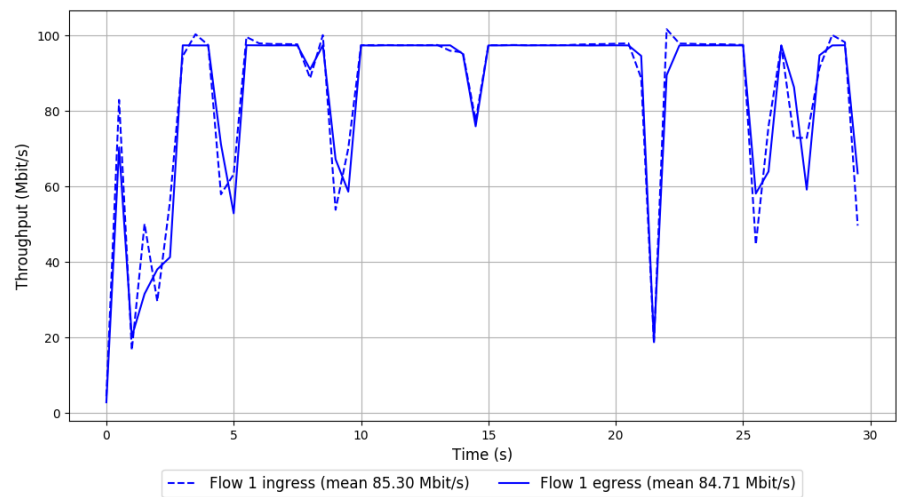
-- Flow 1:

Average throughput: 84.71 Mbit/s

95th percentile per-packet one-way delay: 84.196 ms

Loss rate: 0.61%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2017-09-18 04:25:06

End at: 2017-09-18 04:25:36

Local clock offset: -0.377 ms

Remote clock offset: -1.045 ms

Below is generated by plot.py at 2017-09-18 05:42:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.35 Mbit/s

95th percentile per-packet one-way delay: 86.055 ms

Loss rate: 0.53%

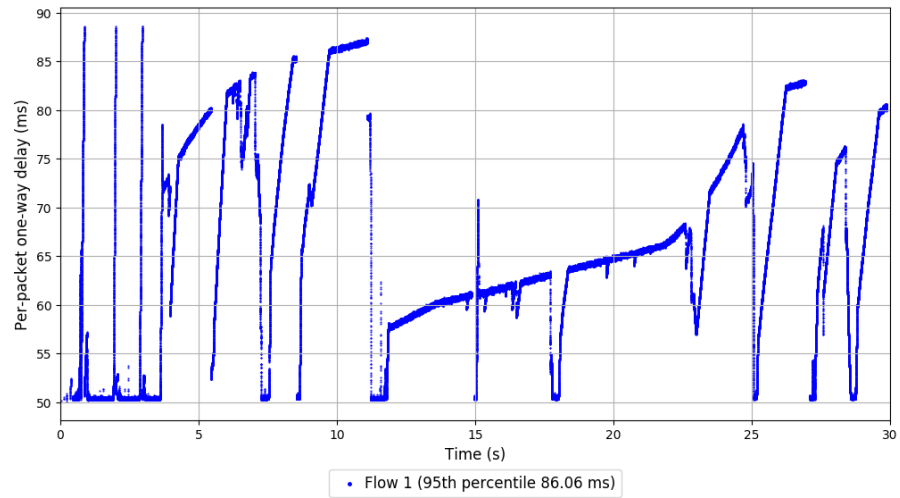
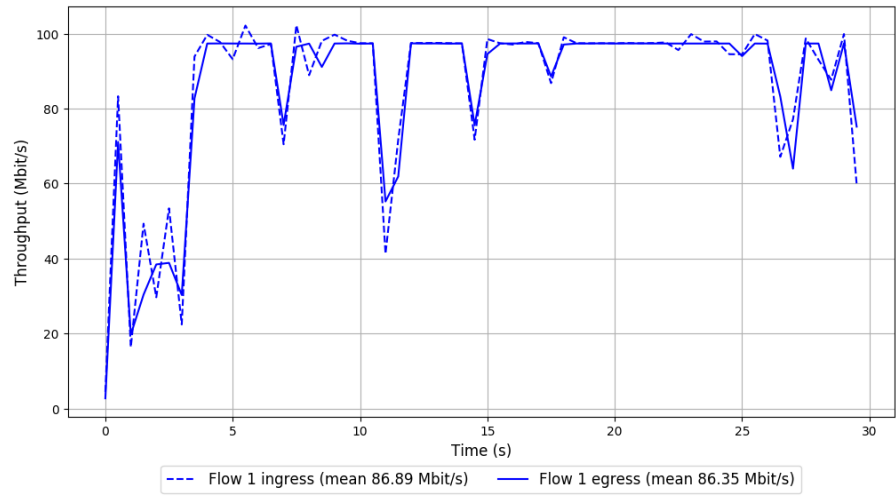
-- Flow 1:

Average throughput: 86.35 Mbit/s

95th percentile per-packet one-way delay: 86.055 ms

Loss rate: 0.53%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2017-09-18 04:46:57

End at: 2017-09-18 04:47:27

Local clock offset: 0.433 ms

Remote clock offset: -1.155 ms

Below is generated by plot.py at 2017-09-18 05:42:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.25 Mbit/s

95th percentile per-packet one-way delay: 71.465 ms

Loss rate: 0.31%

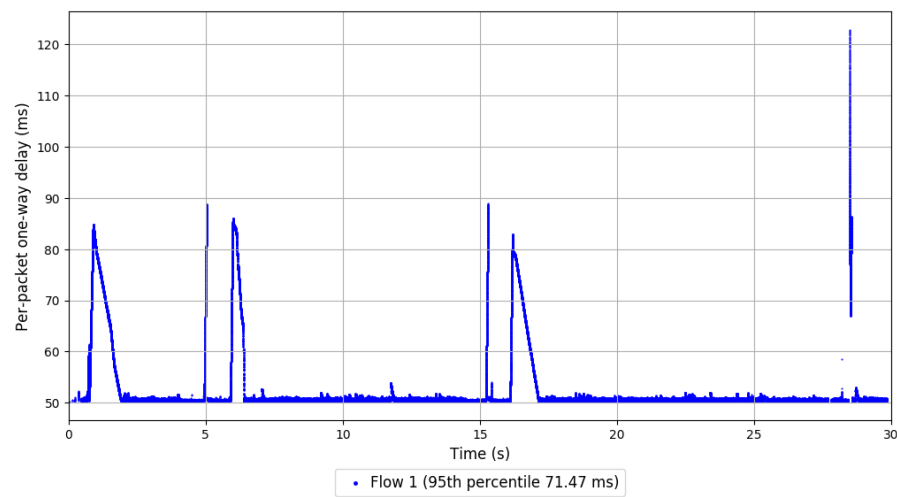
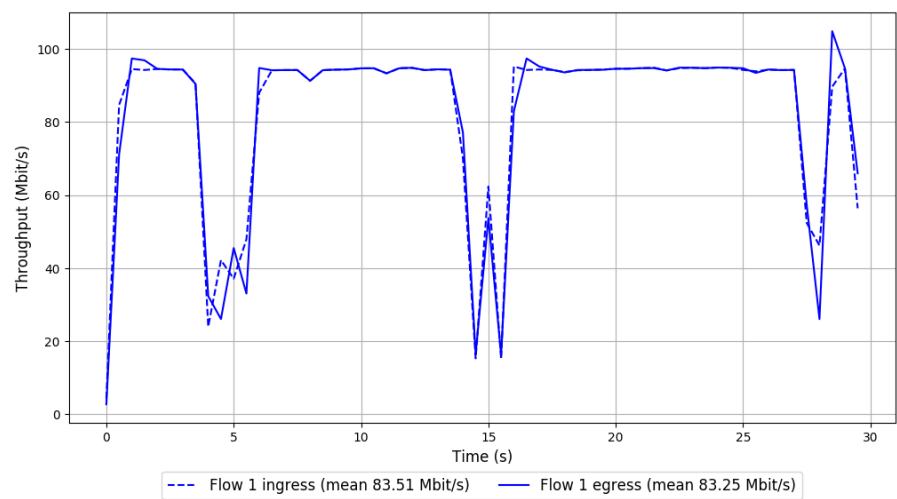
-- Flow 1:

Average throughput: 83.25 Mbit/s

95th percentile per-packet one-way delay: 71.465 ms

Loss rate: 0.31%

Run 10: Report of QUIC Cubic — Data Link

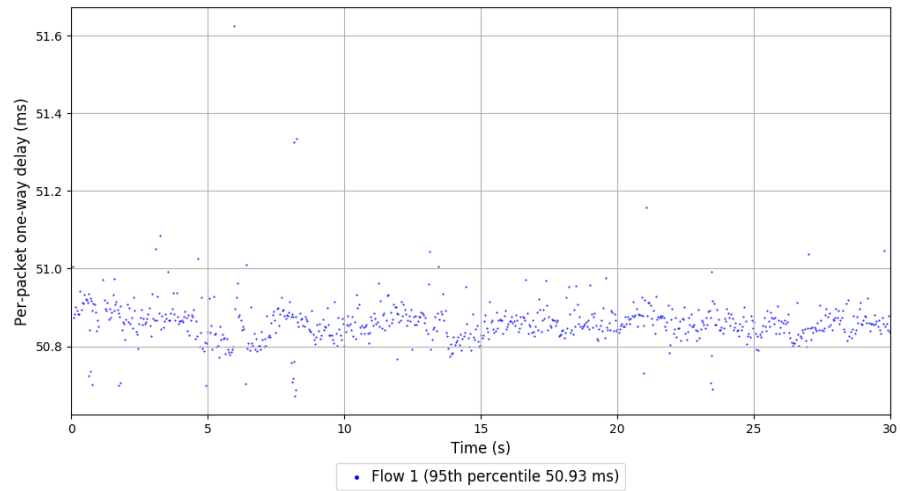
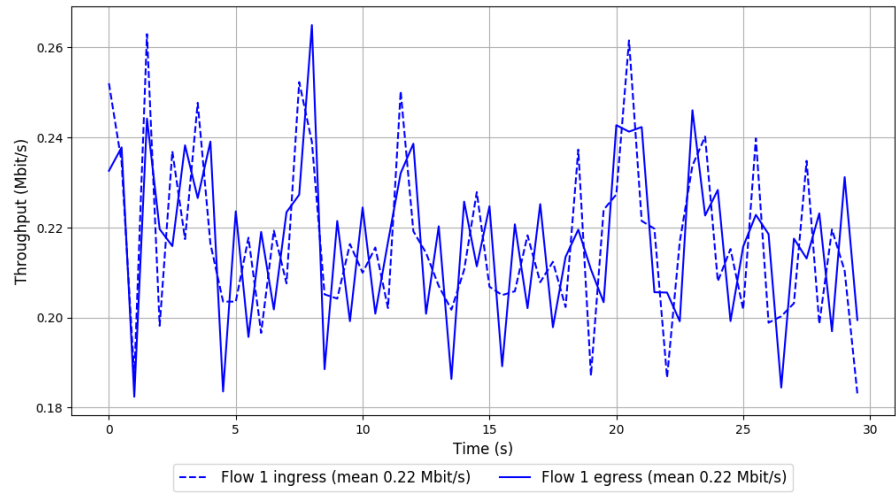


Run 1: Statistics of SCReAM

Start at: 2017-09-18 01:57:23
End at: 2017-09-18 01:57:53
Local clock offset: -0.12 ms
Remote clock offset: -0.143 ms

Below is generated by plot.py at 2017-09-18 05:42:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.929 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.929 ms
Loss rate: 0.00%

Run 1: Report of SReAM — Data Link

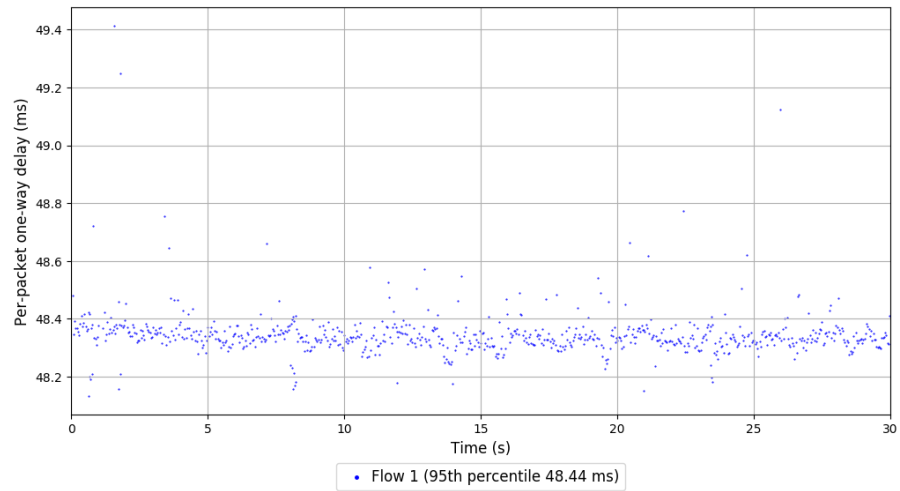
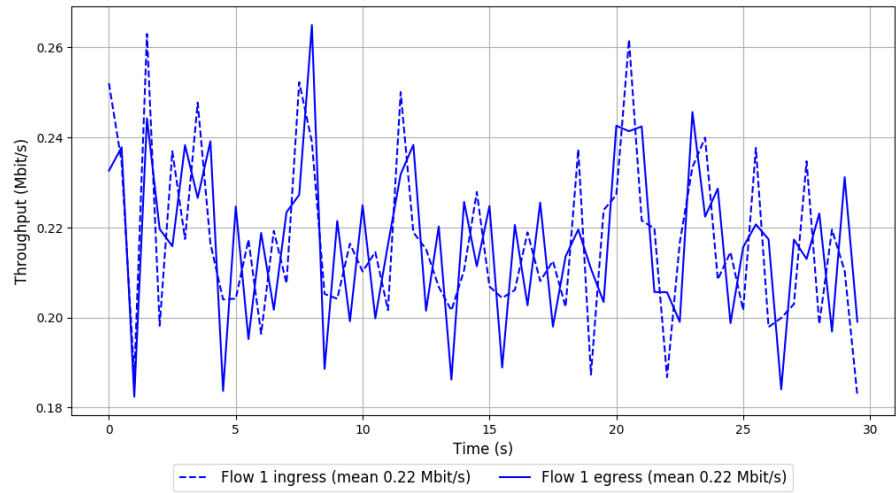


Run 2: Statistics of SCReAM

Start at: 2017-09-18 02:17:58
End at: 2017-09-18 02:18:28
Local clock offset: -0.398 ms
Remote clock offset: -2.982 ms

Below is generated by plot.py at 2017-09-18 05:42:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.437 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.437 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

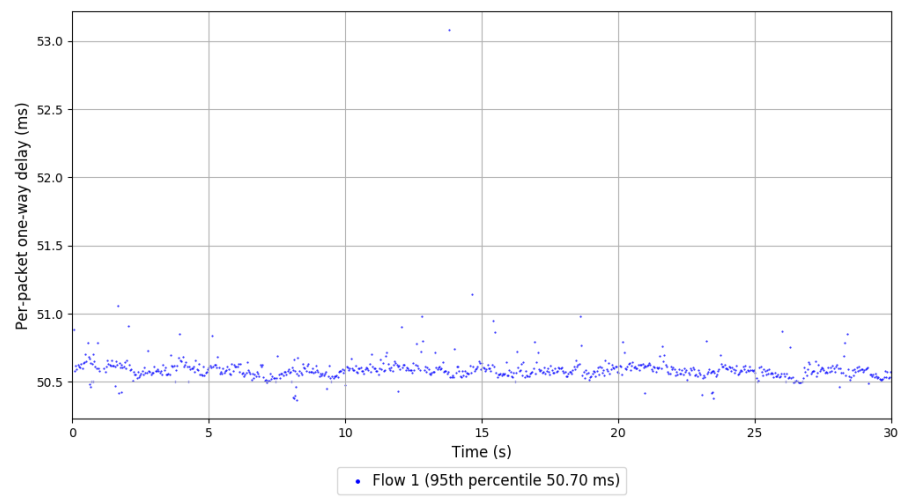
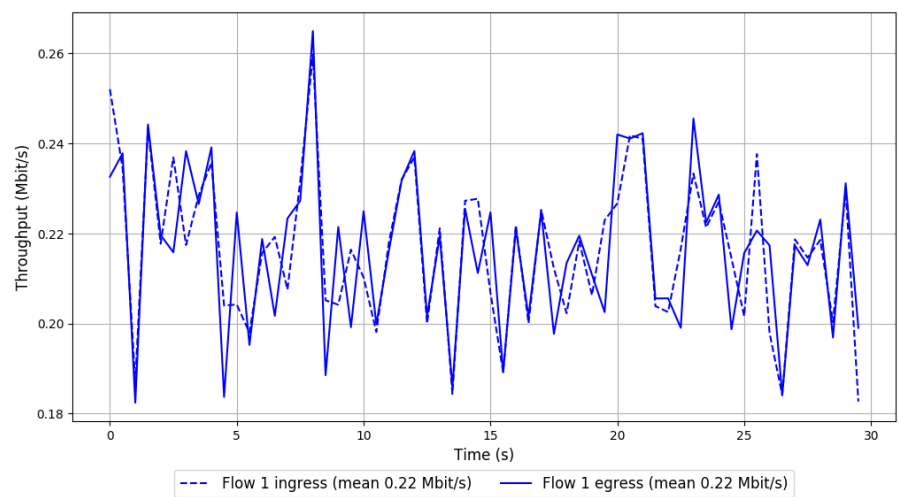


Run 3: Statistics of SCReAM

Start at: 2017-09-18 02:38:34
End at: 2017-09-18 02:39:04
Local clock offset: -1.071 ms
Remote clock offset: -1.296 ms

Below is generated by plot.py at 2017-09-18 05:42:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.695 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.695 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

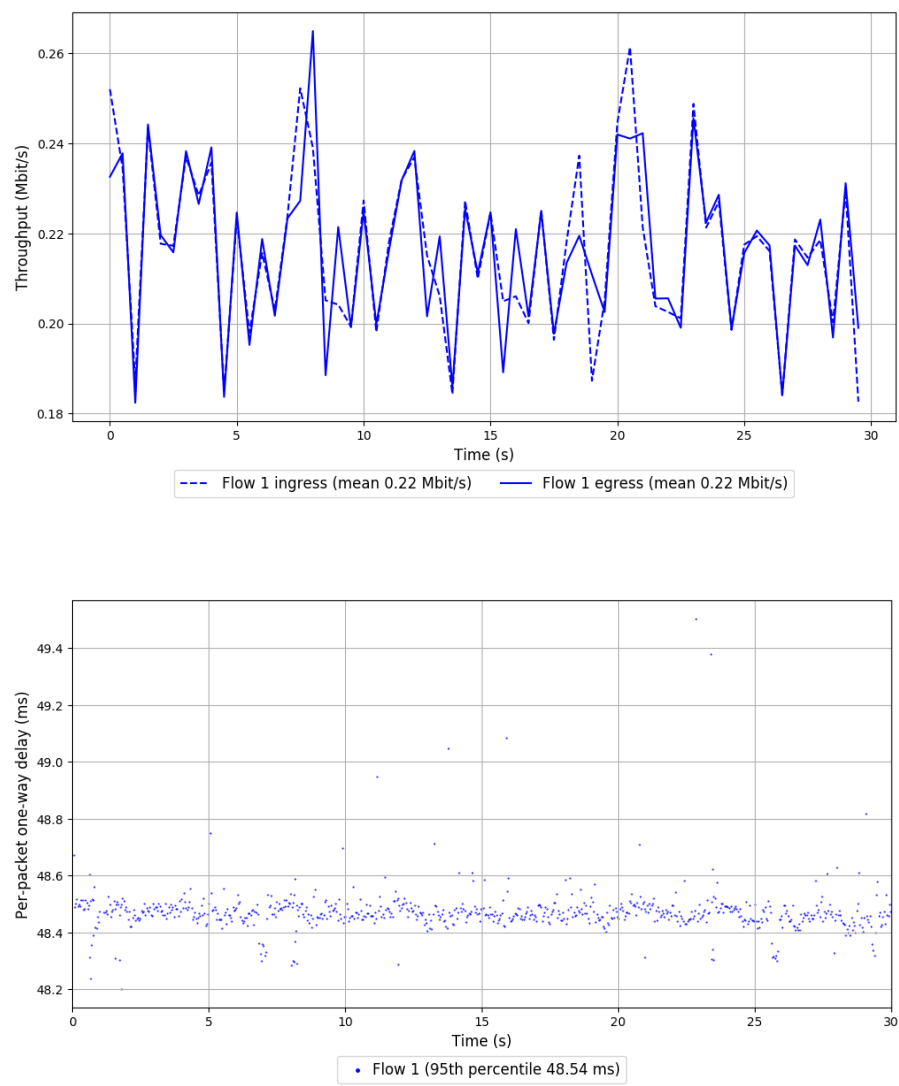


Run 4: Statistics of SCReAM

Start at: 2017-09-18 02:58:53
End at: 2017-09-18 02:59:23
Local clock offset: -1.68 ms
Remote clock offset: -3.003 ms

Below is generated by plot.py at 2017-09-18 05:42:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.542 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.542 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

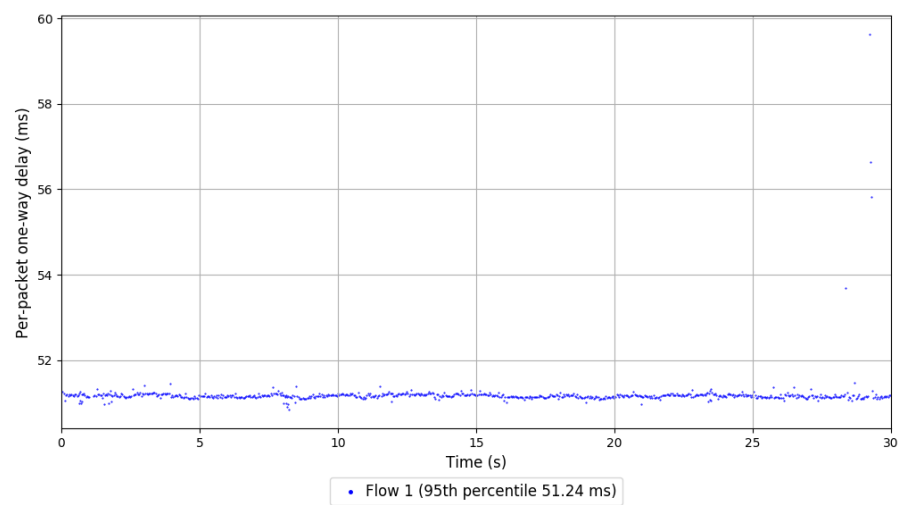
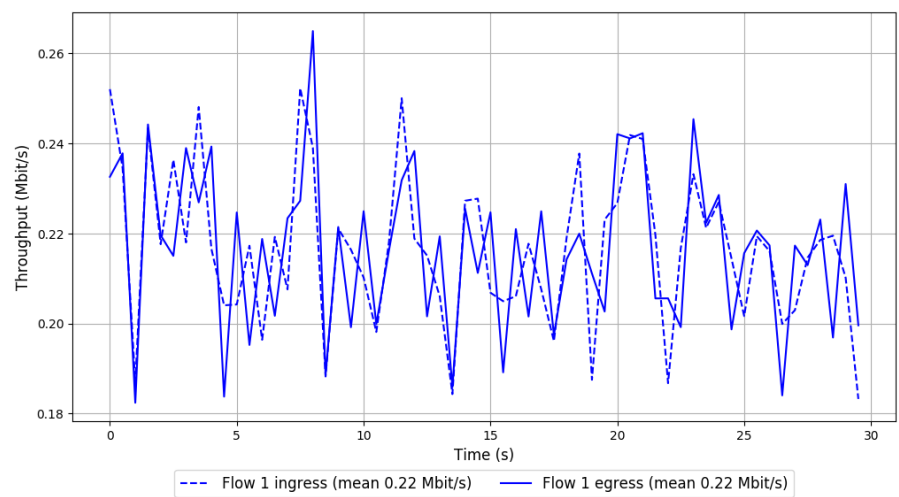


Run 5: Statistics of SCReAM

Start at: 2017-09-18 03:19:33
End at: 2017-09-18 03:20:03
Local clock offset: -1.758 ms
Remote clock offset: -0.187 ms

Below is generated by plot.py at 2017-09-18 05:42:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 51.237 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 51.237 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

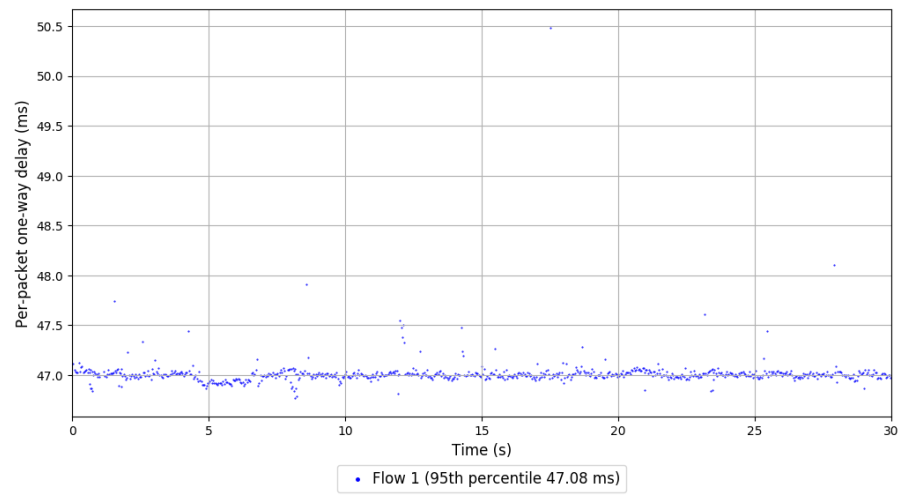
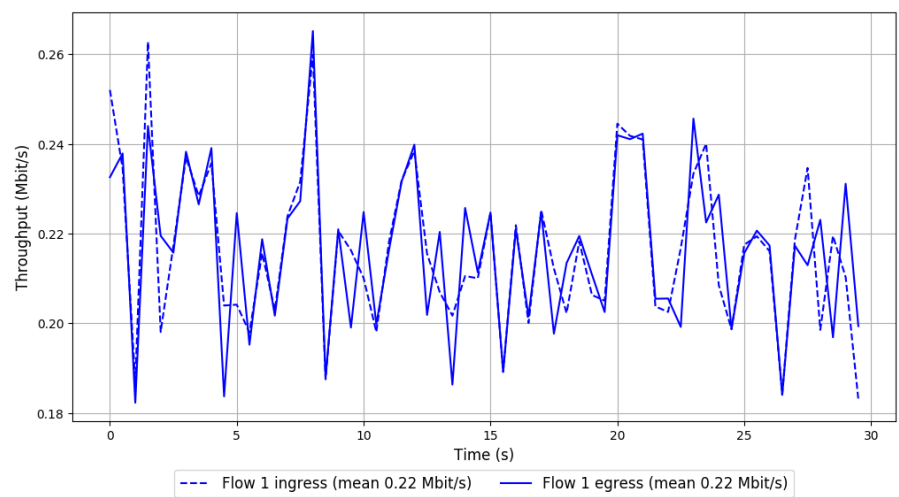


Run 6: Statistics of SCReAM

Start at: 2017-09-18 03:40:32
End at: 2017-09-18 03:41:02
Local clock offset: -1.919 ms
Remote clock offset: -2.724 ms

Below is generated by plot.py at 2017-09-18 05:42:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 47.076 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 47.076 ms
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

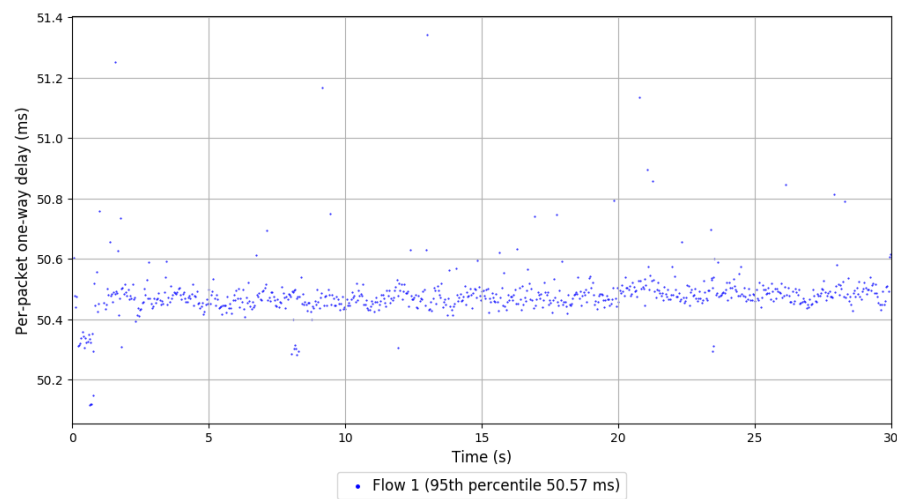
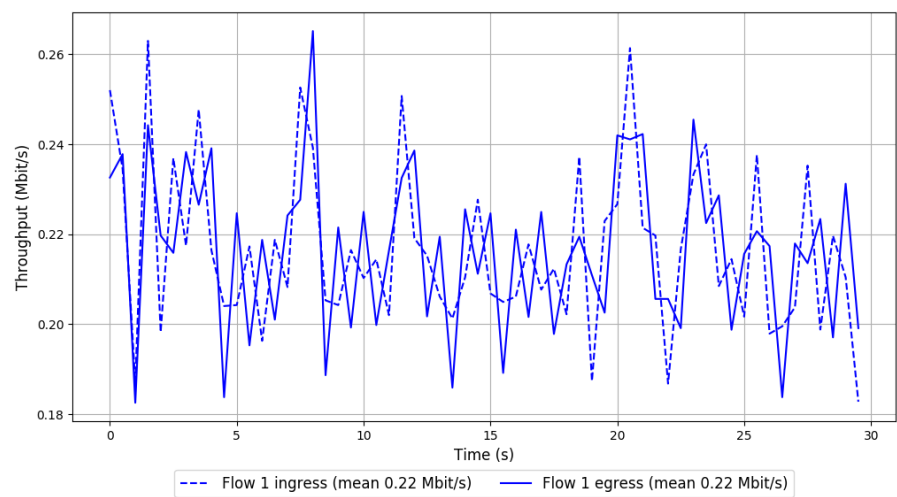


Run 7: Statistics of SCReAM

Start at: 2017-09-18 04:01:35
End at: 2017-09-18 04:02:05
Local clock offset: -1.411 ms
Remote clock offset: -0.901 ms

Below is generated by plot.py at 2017-09-18 05:42:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.568 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.568 ms
Loss rate: 0.00%

Run 7: Report of SReAM — Data Link

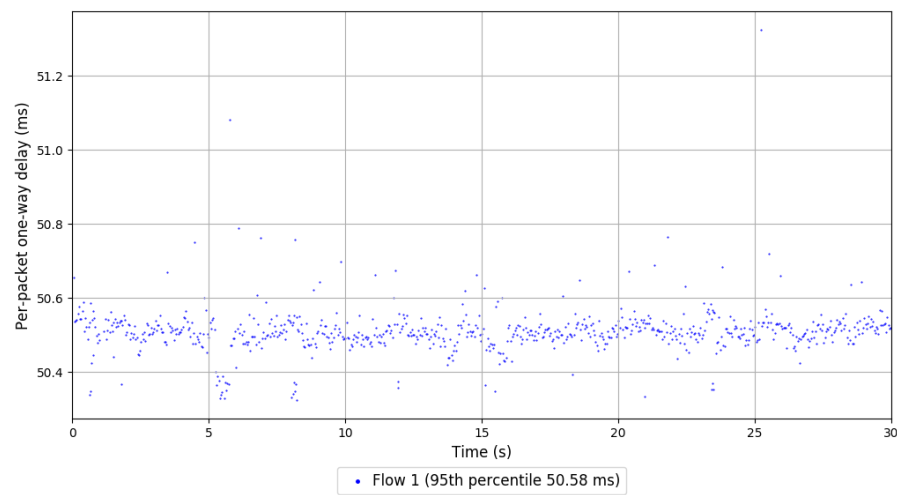
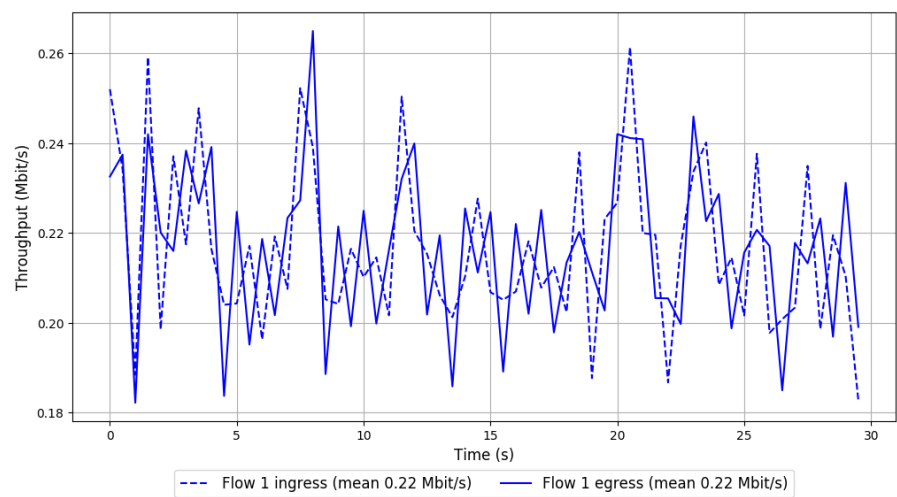


Run 8: Statistics of SCReAM

Start at: 2017-09-18 04:22:22
End at: 2017-09-18 04:22:52
Local clock offset: -0.583 ms
Remote clock offset: -1.086 ms

Below is generated by plot.py at 2017-09-18 05:42:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.578 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.578 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

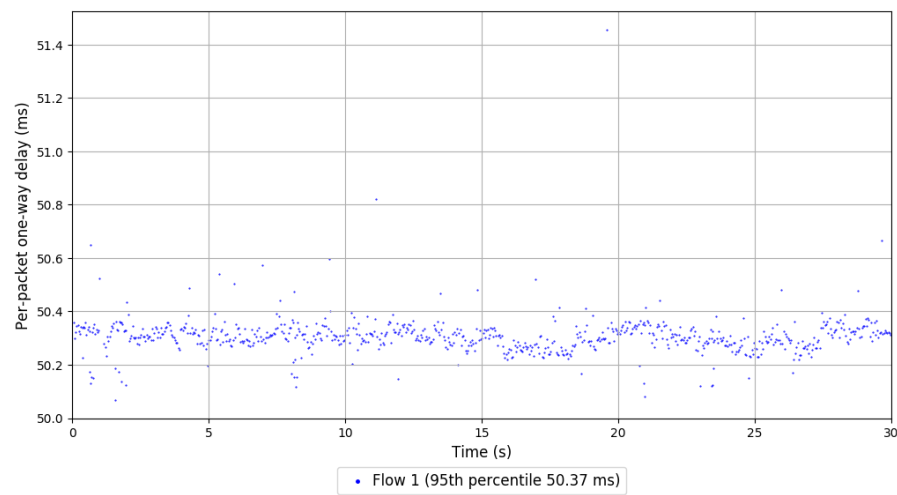
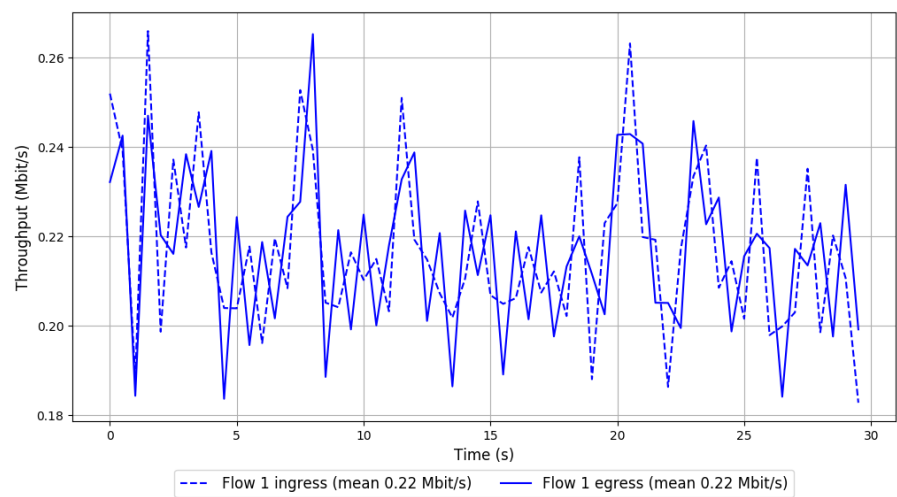


Run 9: Statistics of SCReAM

Start at: 2017-09-18 04:44:16
End at: 2017-09-18 04:44:46
Local clock offset: 0.341 ms
Remote clock offset: -1.167 ms

Below is generated by plot.py at 2017-09-18 05:42:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.374 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.374 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SReAM

Start at: 2017-09-18 05:05:49

End at: 2017-09-18 05:06:19

Local clock offset: 0.916 ms

Remote clock offset: -1.035 ms

Below is generated by plot.py at 2017-09-18 05:42:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 50.574 ms

Loss rate: 0.00%

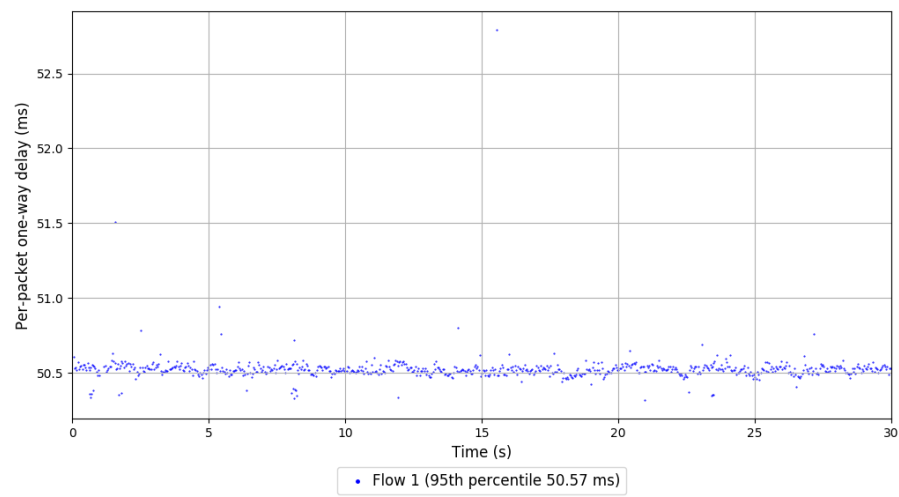
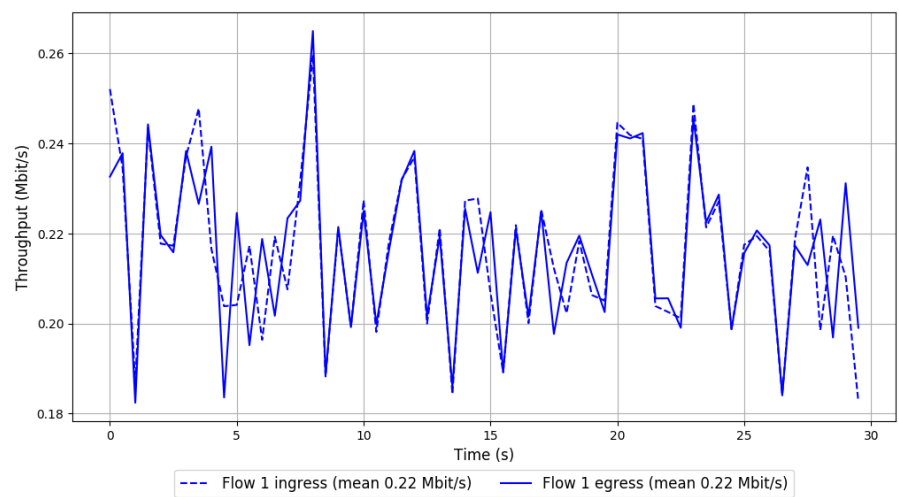
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 50.574 ms

Loss rate: 0.00%

Run 10: Report of SReAM — Data Link

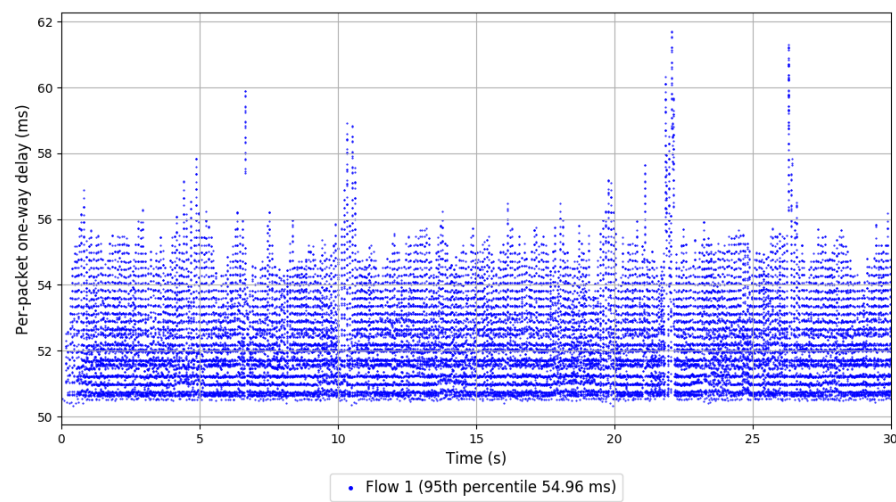
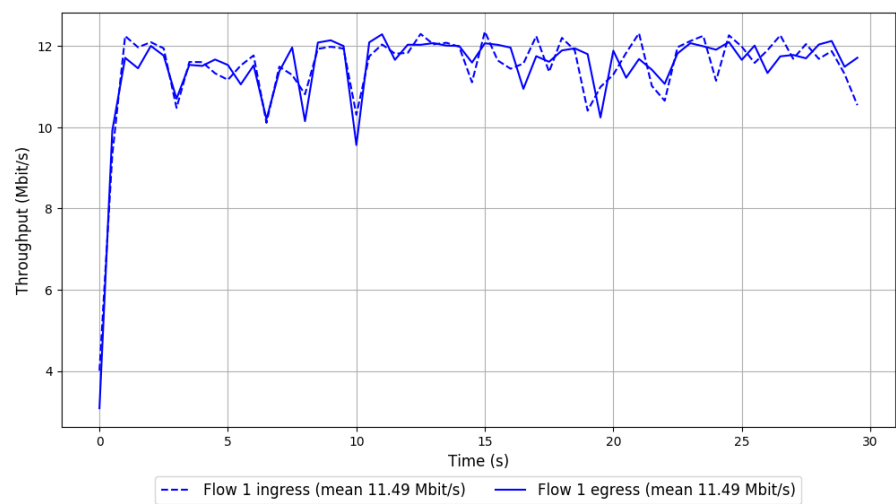


Run 1: Statistics of Sprout

Start at: 2017-09-18 01:54:39
End at: 2017-09-18 01:55:09
Local clock offset: 0.012 ms
Remote clock offset: -0.448 ms

Below is generated by plot.py at 2017-09-18 05:42:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.49 Mbit/s
95th percentile per-packet one-way delay: 54.963 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.49 Mbit/s
95th percentile per-packet one-way delay: 54.963 ms
Loss rate: 0.00%

Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

Start at: 2017-09-18 02:15:17

End at: 2017-09-18 02:15:47

Local clock offset: -0.35 ms

Remote clock offset: -2.98 ms

Below is generated by plot.py at 2017-09-18 05:42:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.48 Mbit/s

95th percentile per-packet one-way delay: 52.553 ms

Loss rate: 0.00%

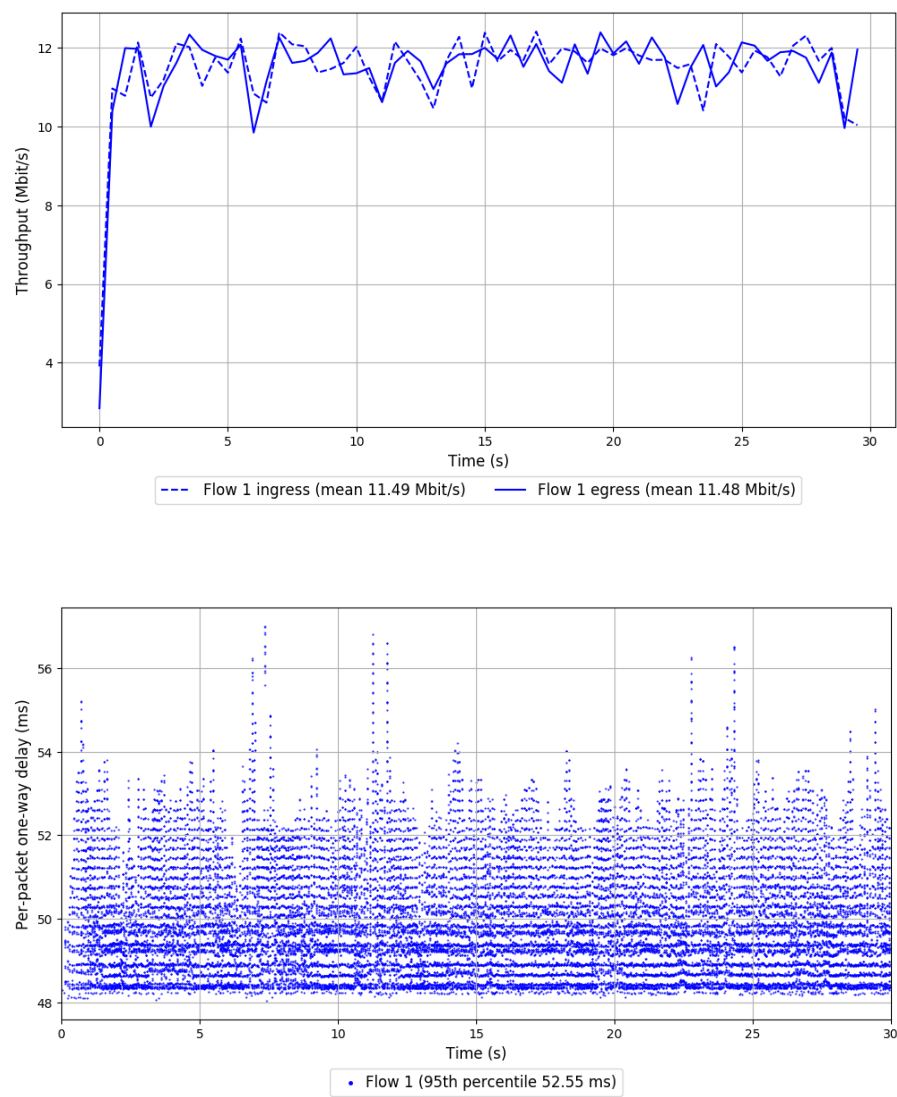
-- Flow 1:

Average throughput: 11.48 Mbit/s

95th percentile per-packet one-way delay: 52.553 ms

Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

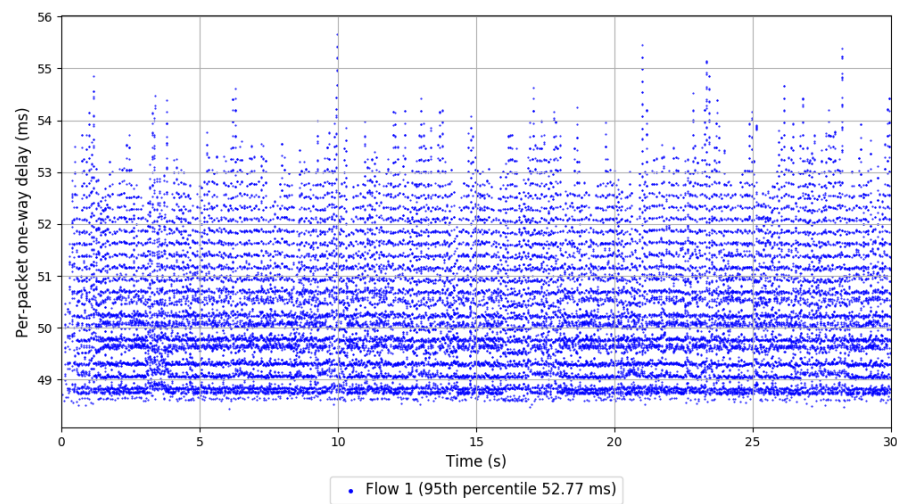
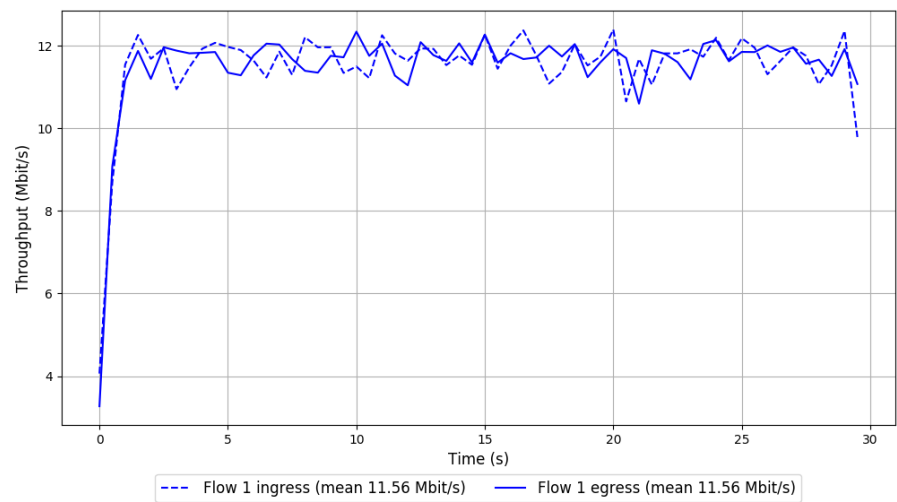


Run 3: Statistics of Sprout

Start at: 2017-09-18 02:35:54
End at: 2017-09-18 02:36:24
Local clock offset: -1.02 ms
Remote clock offset: -3.215 ms

Below is generated by plot.py at 2017-09-18 05:42:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.56 Mbit/s
95th percentile per-packet one-way delay: 52.774 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.56 Mbit/s
95th percentile per-packet one-way delay: 52.774 ms
Loss rate: 0.00%

Run 3: Report of Sprout — Data Link

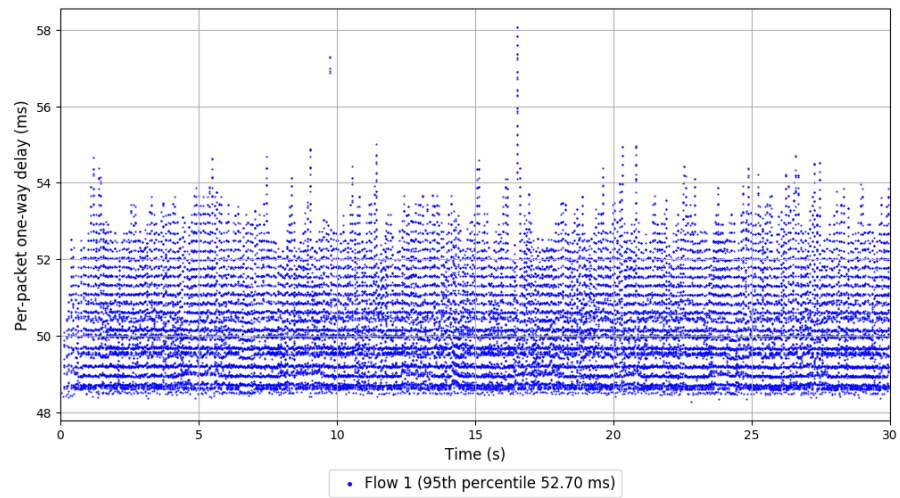
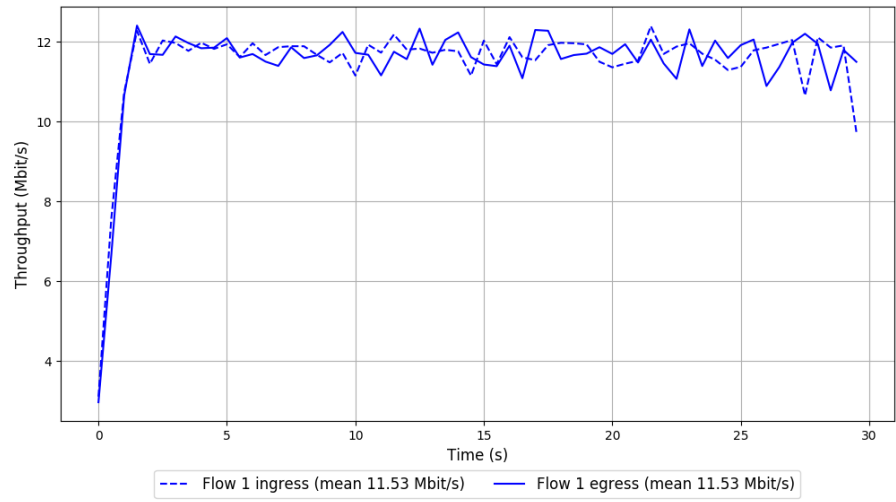


Run 4: Statistics of Sprout

Start at: 2017-09-18 02:56:19
End at: 2017-09-18 02:56:49
Local clock offset: -1.579 ms
Remote clock offset: -3.069 ms

Below is generated by plot.py at 2017-09-18 05:42:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.53 Mbit/s
95th percentile per-packet one-way delay: 52.700 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.53 Mbit/s
95th percentile per-packet one-way delay: 52.700 ms
Loss rate: 0.00%

Run 4: Report of Sprout — Data Link

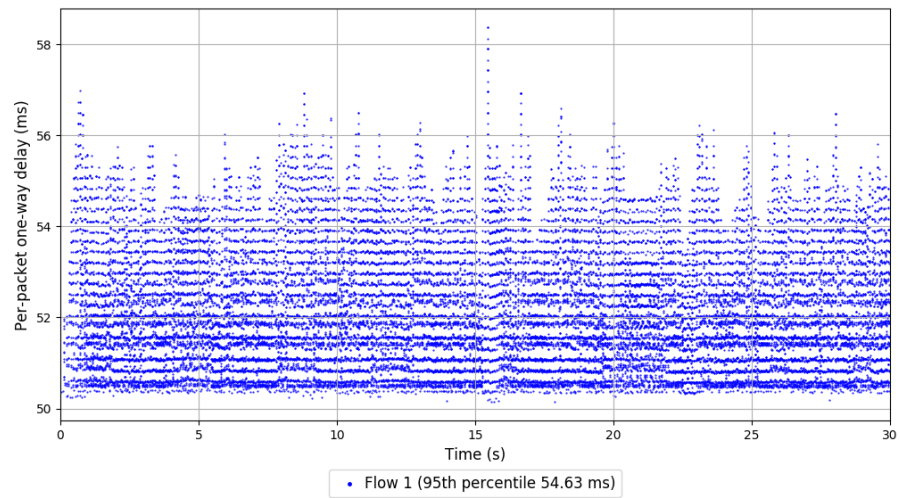
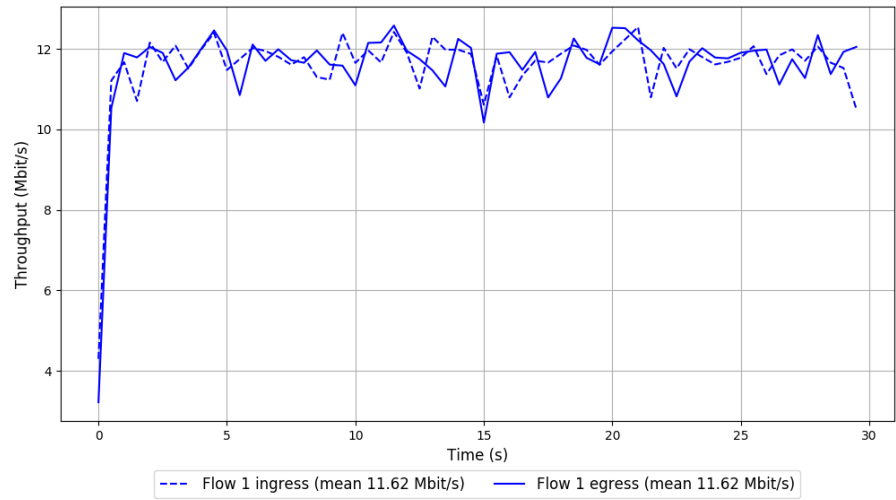


Run 5: Statistics of Sprout

Start at: 2017-09-18 03:16:52
End at: 2017-09-18 03:17:22
Local clock offset: -1.852 ms
Remote clock offset: -0.821 ms

Below is generated by plot.py at 2017-09-18 05:42:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.62 Mbit/s
95th percentile per-packet one-way delay: 54.627 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.62 Mbit/s
95th percentile per-packet one-way delay: 54.627 ms
Loss rate: 0.00%

Run 5: Report of Sprout — Data Link

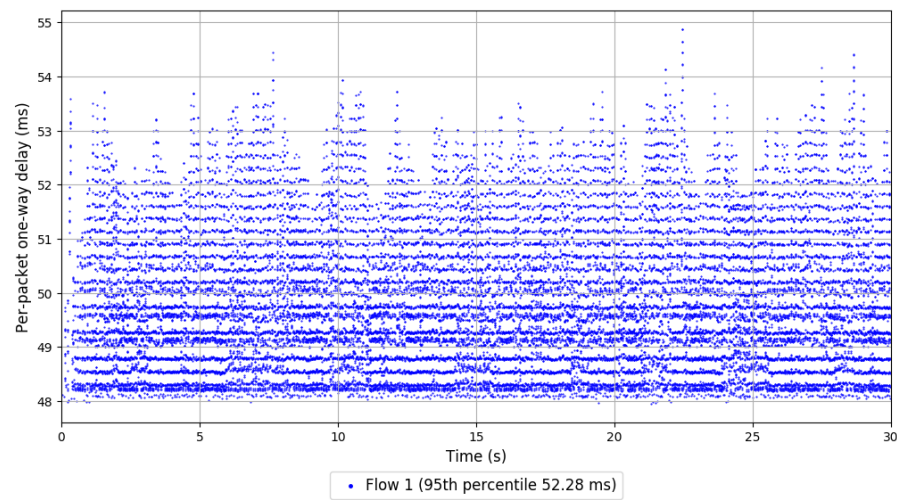
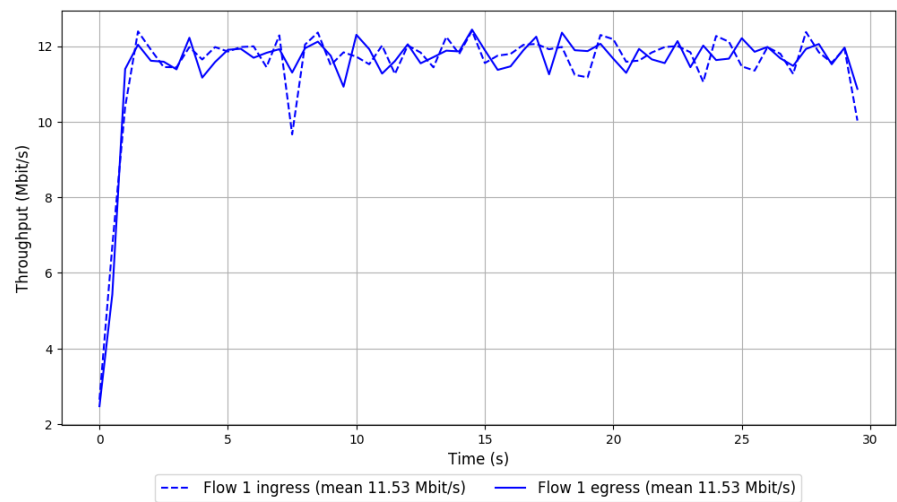


Run 6: Statistics of Sprout

Start at: 2017-09-18 03:37:52
End at: 2017-09-18 03:38:22
Local clock offset: -1.825 ms
Remote clock offset: -2.845 ms

Below is generated by plot.py at 2017-09-18 05:42:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.53 Mbit/s
95th percentile per-packet one-way delay: 52.282 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.53 Mbit/s
95th percentile per-packet one-way delay: 52.282 ms
Loss rate: 0.00%

Run 6: Report of Sprout — Data Link

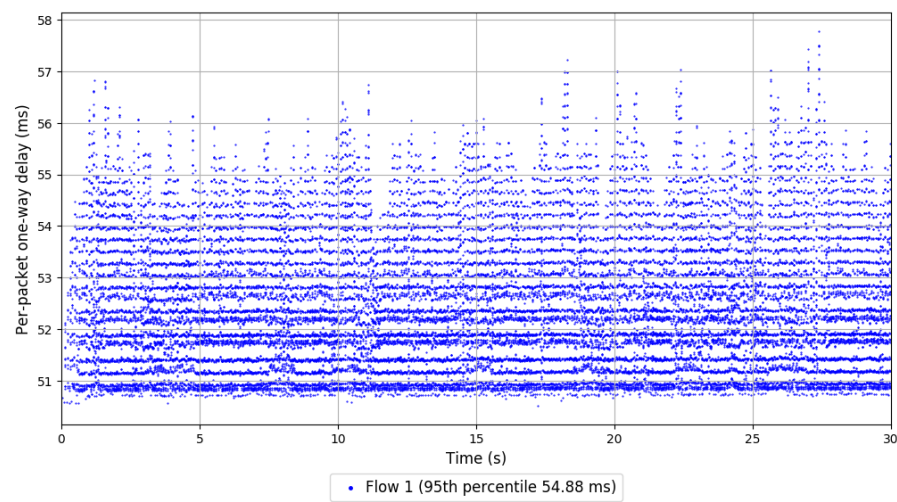
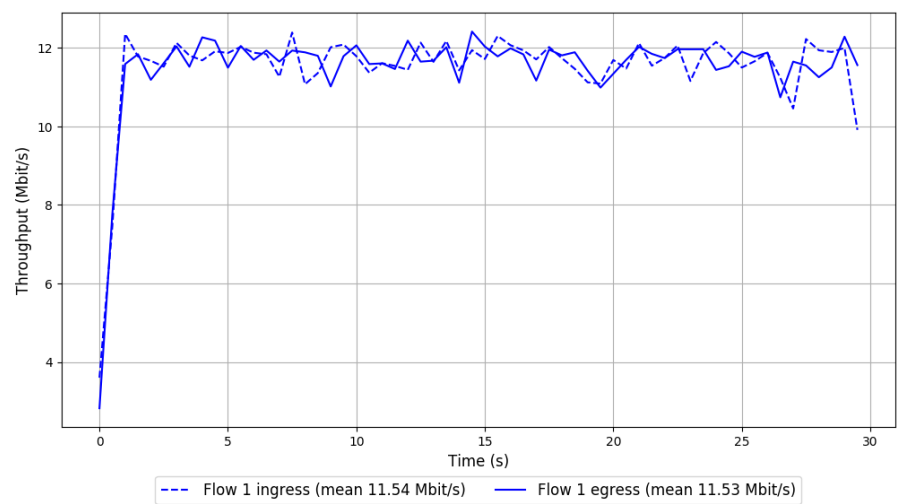


Run 7: Statistics of Sprout

Start at: 2017-09-18 03:58:56
End at: 2017-09-18 03:59:26
Local clock offset: -1.612 ms
Remote clock offset: -0.777 ms

Below is generated by plot.py at 2017-09-18 05:42:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.53 Mbit/s
95th percentile per-packet one-way delay: 54.880 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.53 Mbit/s
95th percentile per-packet one-way delay: 54.880 ms
Loss rate: 0.00%

Run 7: Report of Sprout — Data Link

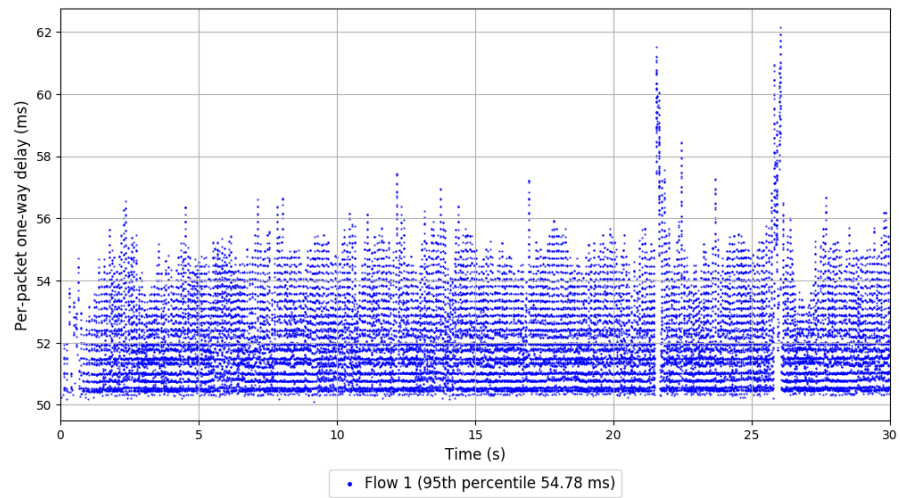
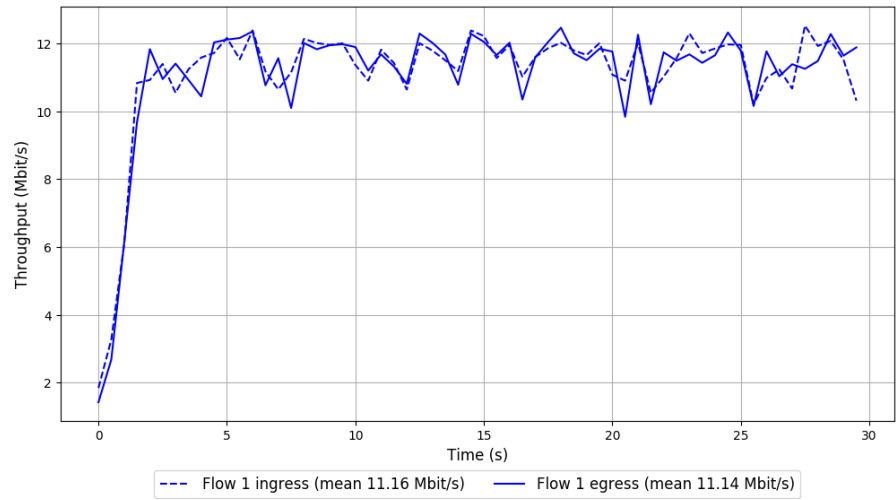


Run 8: Statistics of Sprout

Start at: 2017-09-18 04:19:39
End at: 2017-09-18 04:20:09
Local clock offset: -0.577 ms
Remote clock offset: -1.046 ms

Below is generated by plot.py at 2017-09-18 05:42:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.14 Mbit/s
95th percentile per-packet one-way delay: 54.777 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 11.14 Mbit/s
95th percentile per-packet one-way delay: 54.777 ms
Loss rate: 0.17%

Run 8: Report of Sprout — Data Link

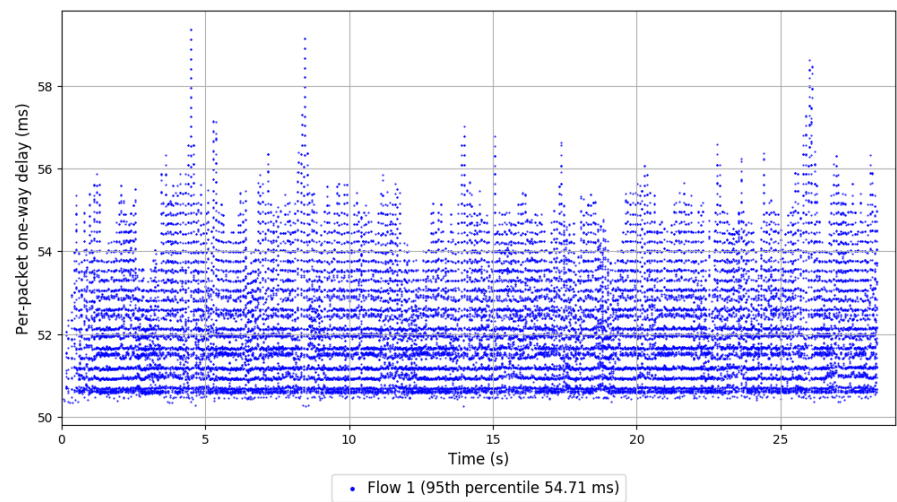
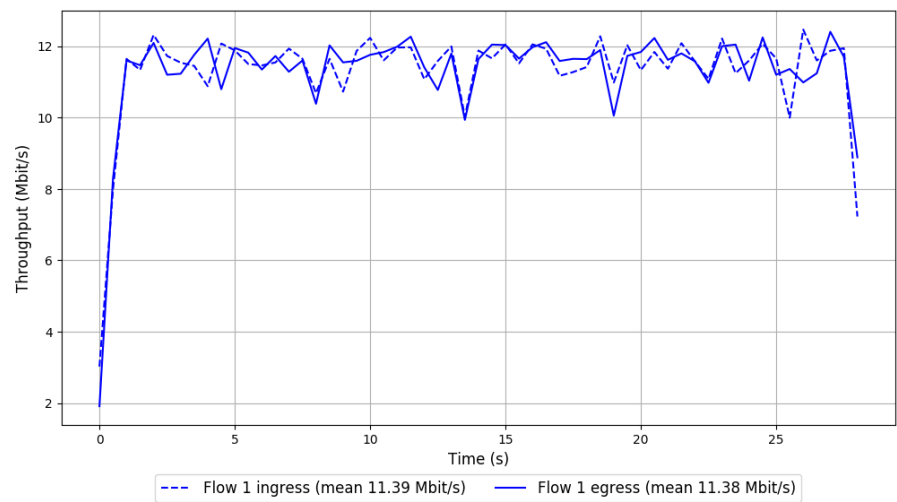


Run 9: Statistics of Sprout

Start at: 2017-09-18 04:41:34
End at: 2017-09-18 04:42:04
Local clock offset: 0.232 ms
Remote clock offset: -1.112 ms

Below is generated by plot.py at 2017-09-18 05:42:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.38 Mbit/s
95th percentile per-packet one-way delay: 54.714 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.38 Mbit/s
95th percentile per-packet one-way delay: 54.714 ms
Loss rate: 0.00%

Run 9: Report of Sprout — Data Link

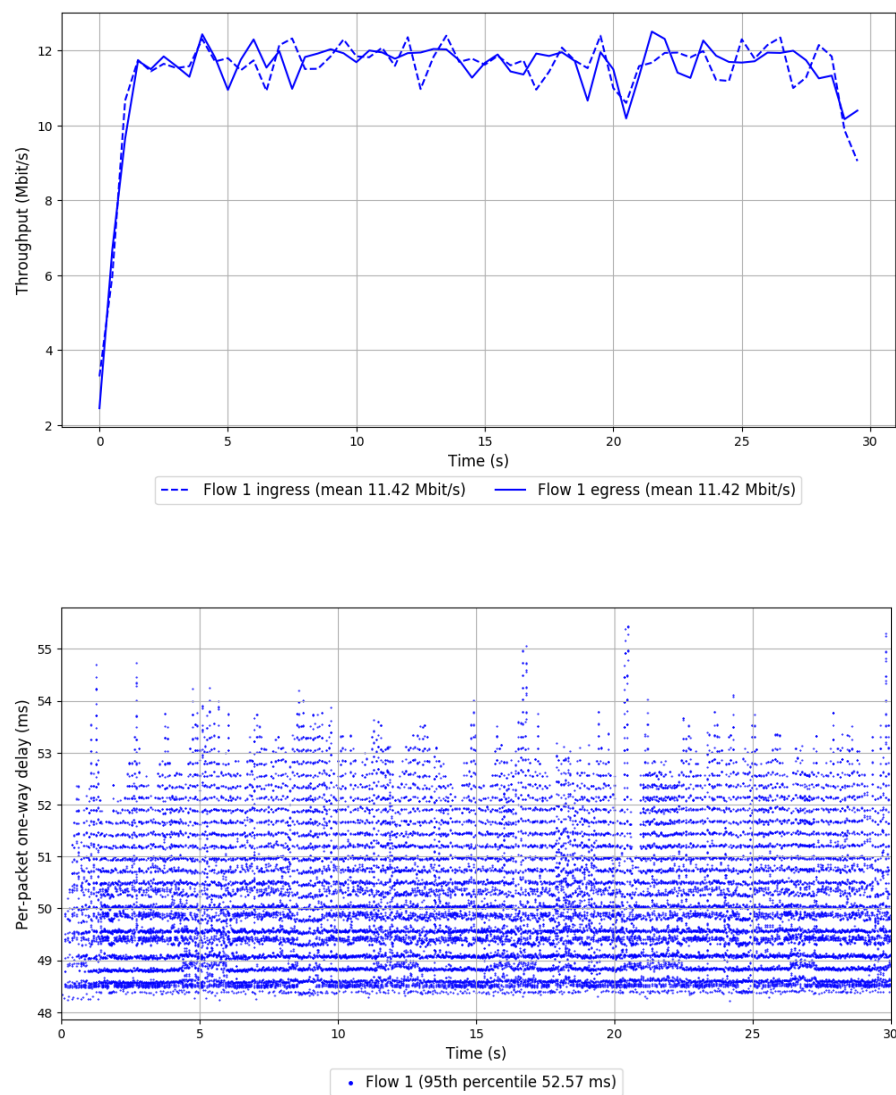


Run 10: Statistics of Sprout

Start at: 2017-09-18 05:03:10
End at: 2017-09-18 05:03:40
Local clock offset: 0.954 ms
Remote clock offset: -3.185 ms

Below is generated by plot.py at 2017-09-18 05:42:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.42 Mbit/s
95th percentile per-packet one-way delay: 52.569 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.42 Mbit/s
95th percentile per-packet one-way delay: 52.569 ms
Loss rate: 0.00%

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: 2017-09-18 01:39:58

End at: 2017-09-18 01:40:28

Local clock offset: 0.261 ms

Remote clock offset: -0.22 ms

Below is generated by plot.py at 2017-09-18 05:43:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.82 Mbit/s

95th percentile per-packet one-way delay: 65.830 ms

Loss rate: 0.14%

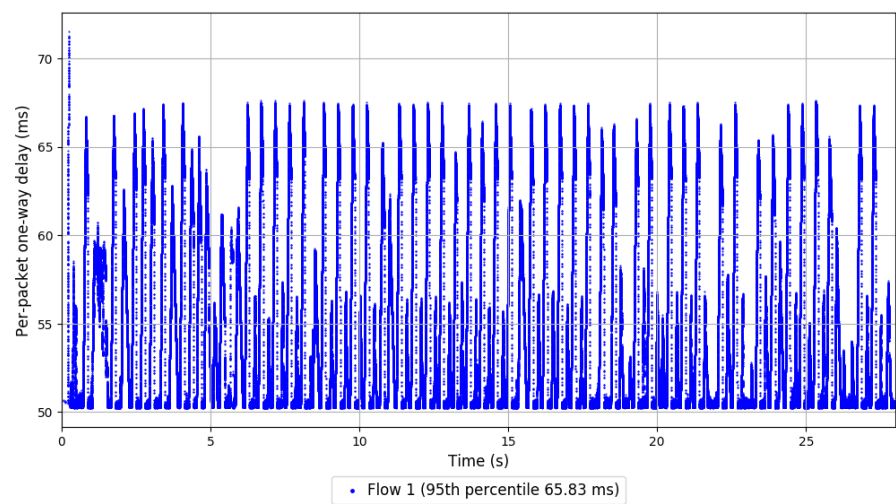
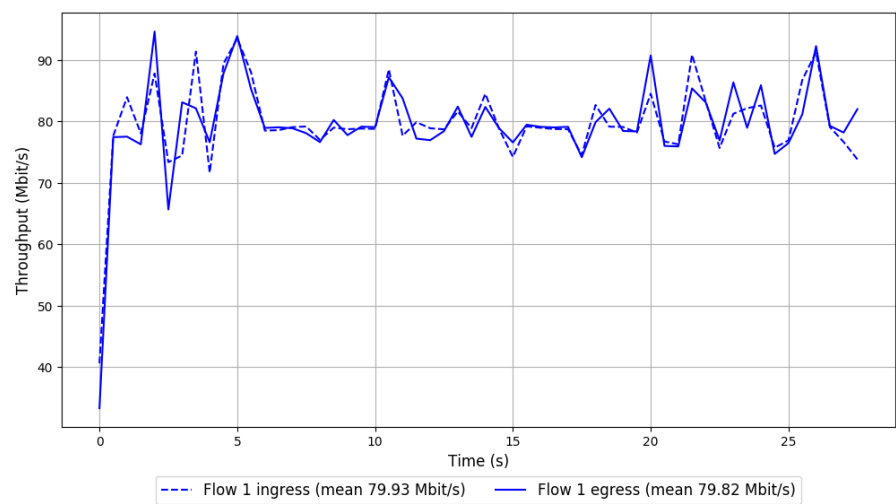
-- Flow 1:

Average throughput: 79.82 Mbit/s

95th percentile per-packet one-way delay: 65.830 ms

Loss rate: 0.14%

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

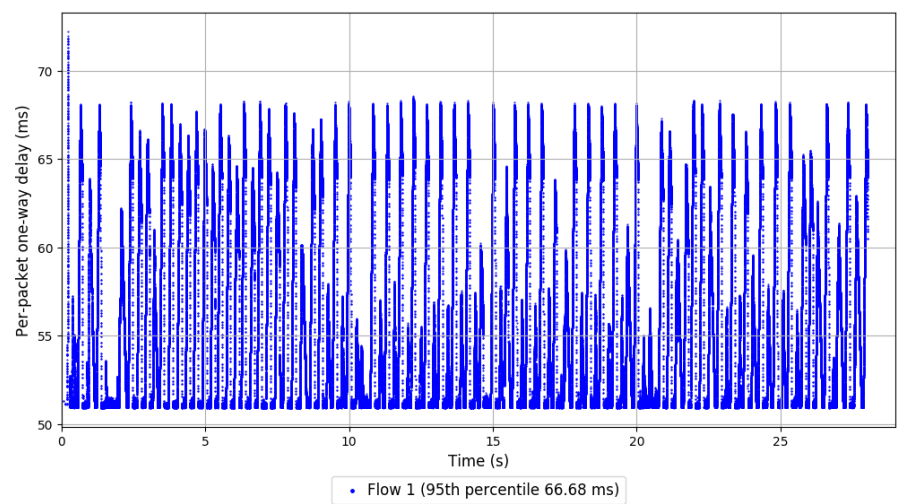
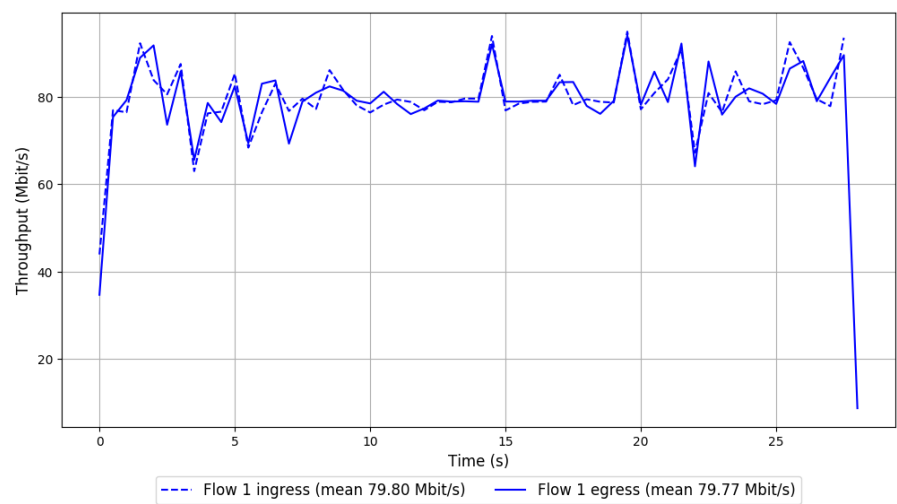


Run 2: Statistics of TaoVA-100x

Start at: 2017-09-18 02:01:25
End at: 2017-09-18 02:01:55
Local clock offset: -0.222 ms
Remote clock offset: -0.209 ms

Below is generated by plot.py at 2017-09-18 05:43:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 79.77 Mbit/s
95th percentile per-packet one-way delay: 66.681 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 79.77 Mbit/s
95th percentile per-packet one-way delay: 66.681 ms
Loss rate: 0.00%

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

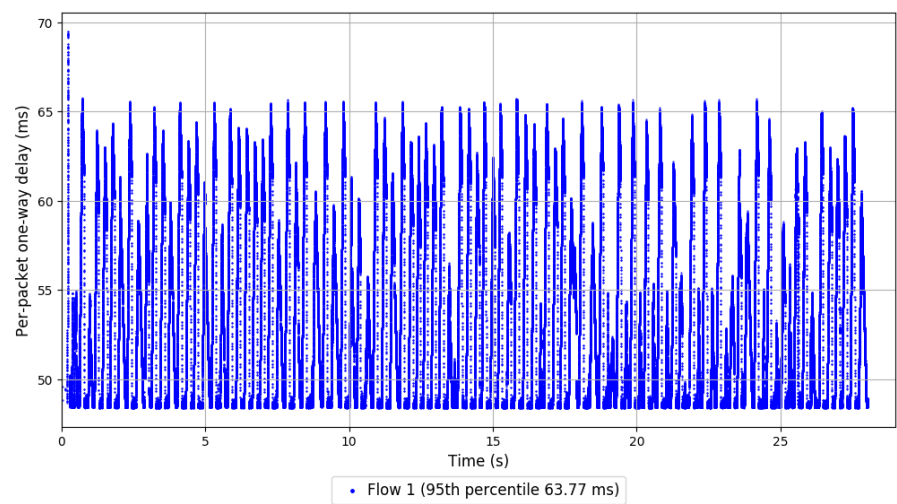
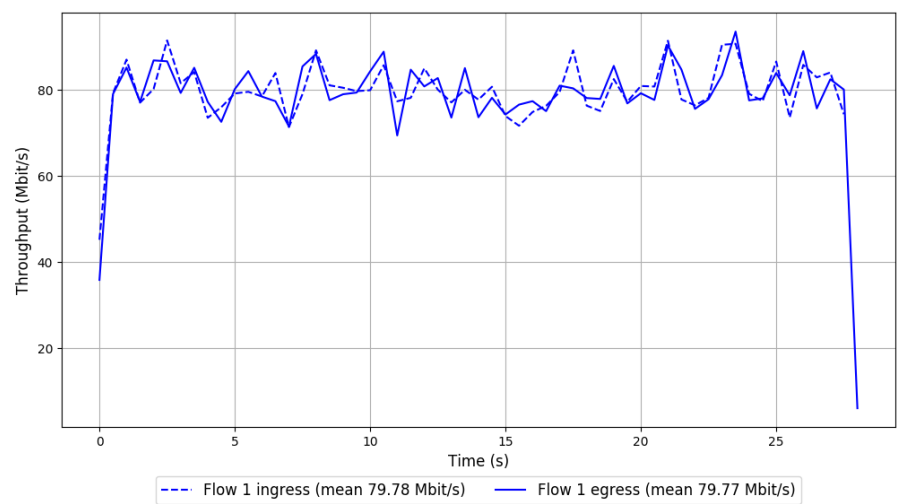


Run 3: Statistics of TaoVA-100x

Start at: 2017-09-18 02:22:02
End at: 2017-09-18 02:22:32
Local clock offset: -0.528 ms
Remote clock offset: -3.082 ms

Below is generated by plot.py at 2017-09-18 05:43:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 79.77 Mbit/s
95th percentile per-packet one-way delay: 63.775 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 79.77 Mbit/s
95th percentile per-packet one-way delay: 63.775 ms
Loss rate: 0.03%

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

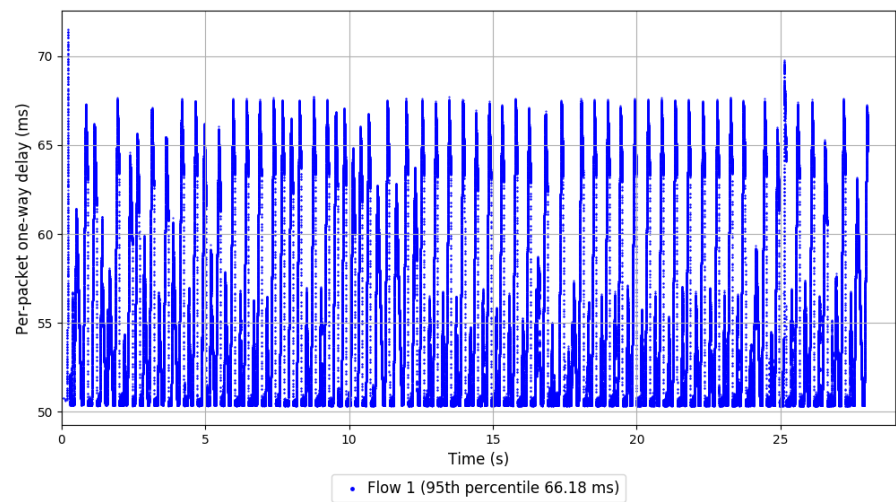
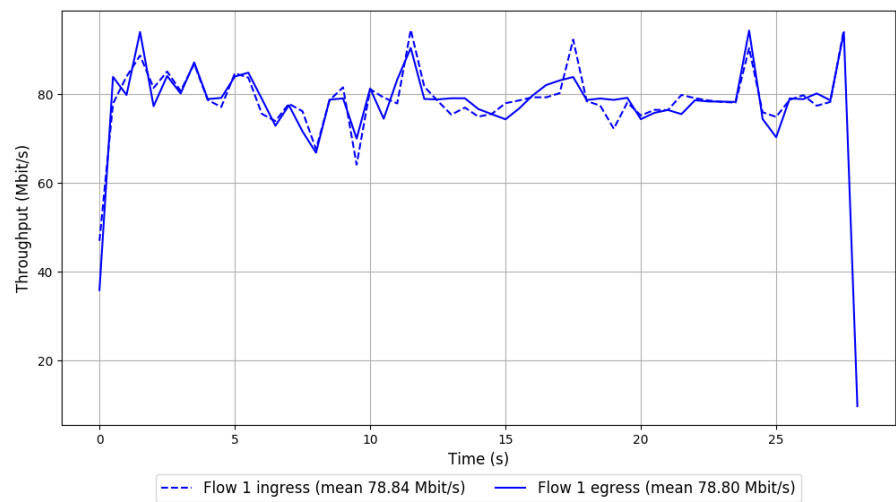


Run 4: Statistics of TaoVA-100x

Start at: 2017-09-18 02:42:37
End at: 2017-09-18 02:43:07
Local clock offset: -1.098 ms
Remote clock offset: -1.291 ms

Below is generated by plot.py at 2017-09-18 05:43:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.80 Mbit/s
95th percentile per-packet one-way delay: 66.177 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 78.80 Mbit/s
95th percentile per-packet one-way delay: 66.177 ms
Loss rate: 0.00%

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



Run 5: Statistics of TaoVA-100x

Start at: 2017-09-18 03:02:52

End at: 2017-09-18 03:03:22

Local clock offset: -1.811 ms

Remote clock offset: -0.547 ms

Below is generated by plot.py at 2017-09-18 05:43:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.81 Mbit/s

95th percentile per-packet one-way delay: 66.632 ms

Loss rate: 0.07%

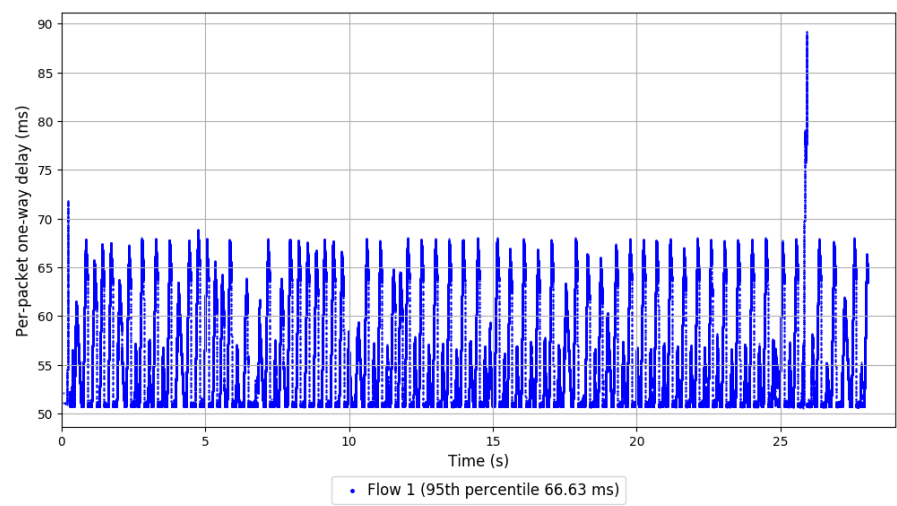
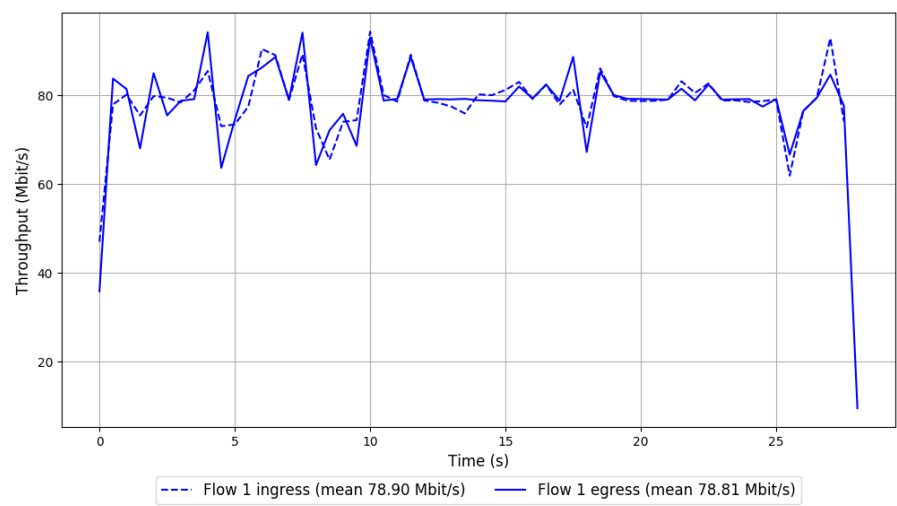
-- Flow 1:

Average throughput: 78.81 Mbit/s

95th percentile per-packet one-way delay: 66.632 ms

Loss rate: 0.07%

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



Run 6: Statistics of TaoVA-100x

Start at: 2017-09-18 03:23:37

End at: 2017-09-18 03:24:07

Local clock offset: -1.886 ms

Remote clock offset: -2.908 ms

Below is generated by plot.py at 2017-09-18 05:44:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.40 Mbit/s

95th percentile per-packet one-way delay: 64.138 ms

Loss rate: 0.03%

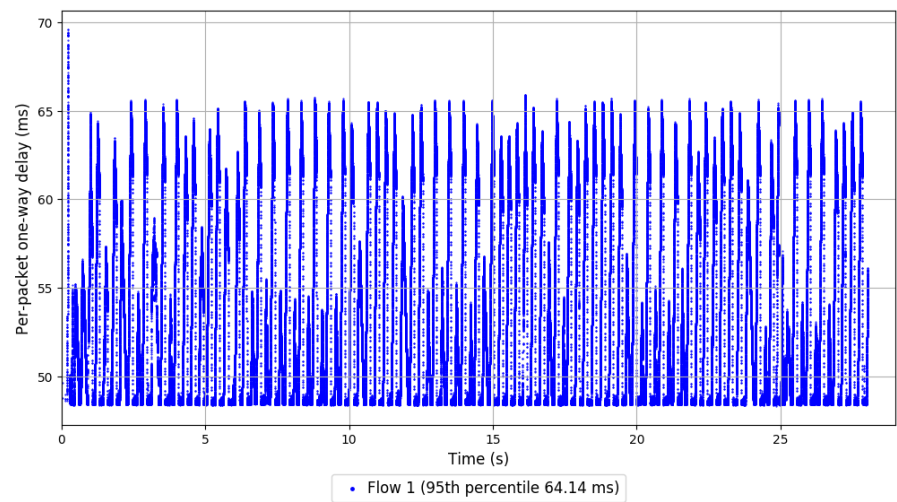
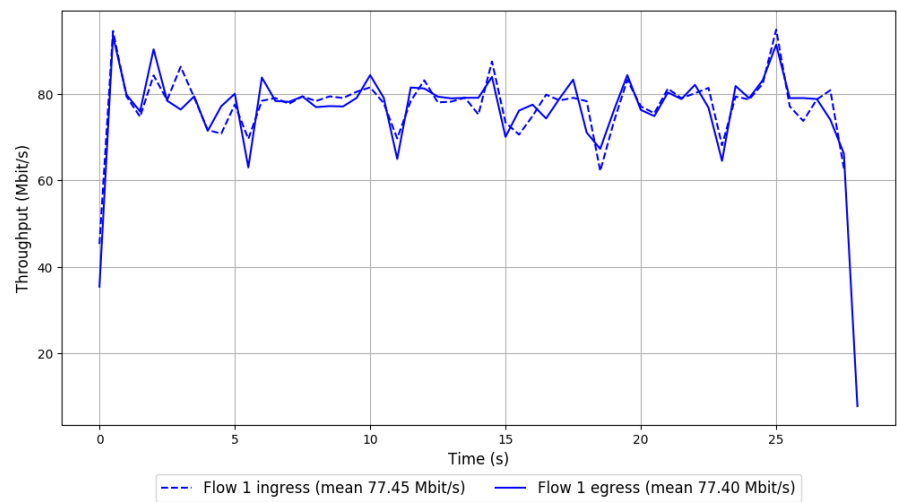
-- Flow 1:

Average throughput: 77.40 Mbit/s

95th percentile per-packet one-way delay: 64.138 ms

Loss rate: 0.03%

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

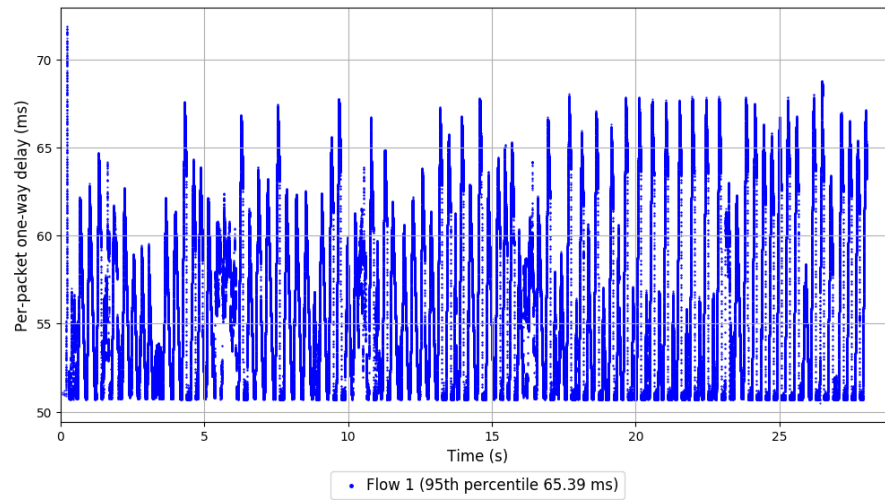
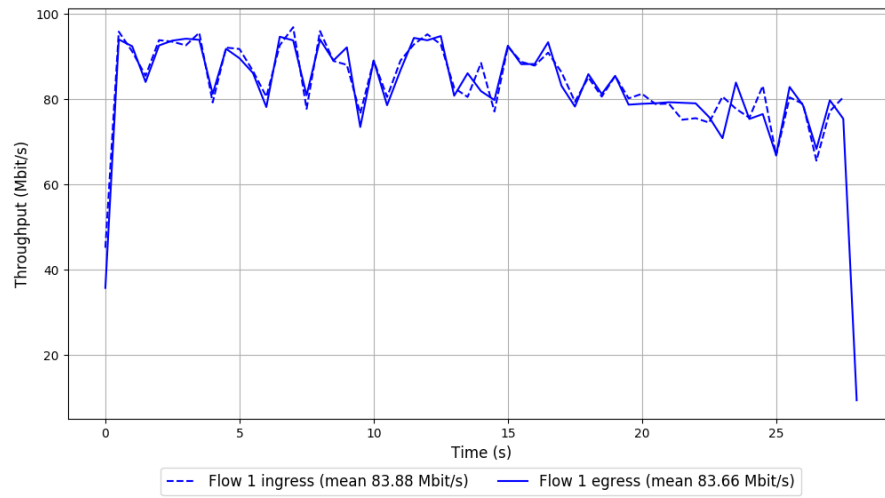


Run 7: Statistics of TaoVA-100x

Start at: 2017-09-18 03:44:36
End at: 2017-09-18 03:45:06
Local clock offset: -1.822 ms
Remote clock offset: -0.237 ms

Below is generated by plot.py at 2017-09-18 05:44:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.66 Mbit/s
95th percentile per-packet one-way delay: 65.386 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 83.66 Mbit/s
95th percentile per-packet one-way delay: 65.386 ms
Loss rate: 0.23%

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



Run 8: Statistics of TaoVA-100x

Start at: 2017-09-18 04:05:39

End at: 2017-09-18 04:06:09

Local clock offset: -1.204 ms

Remote clock offset: -3.091 ms

Below is generated by plot.py at 2017-09-18 05:44:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.34 Mbit/s

95th percentile per-packet one-way delay: 64.212 ms

Loss rate: 0.00%

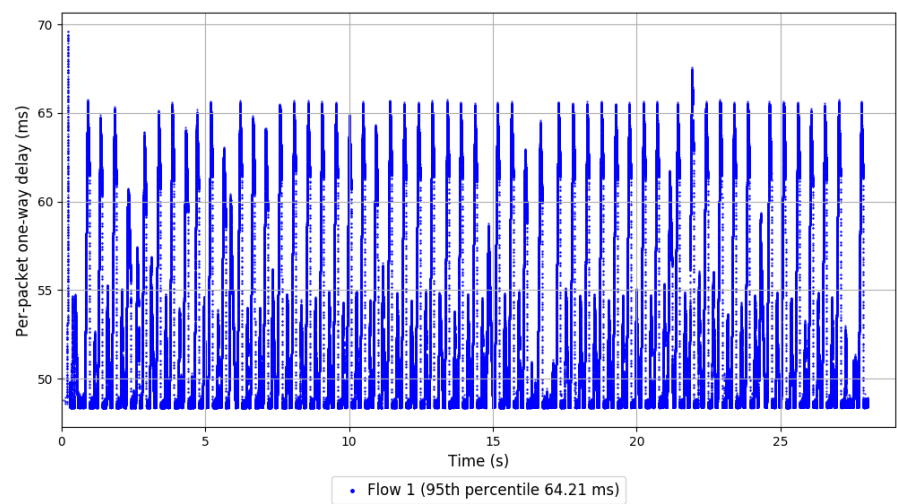
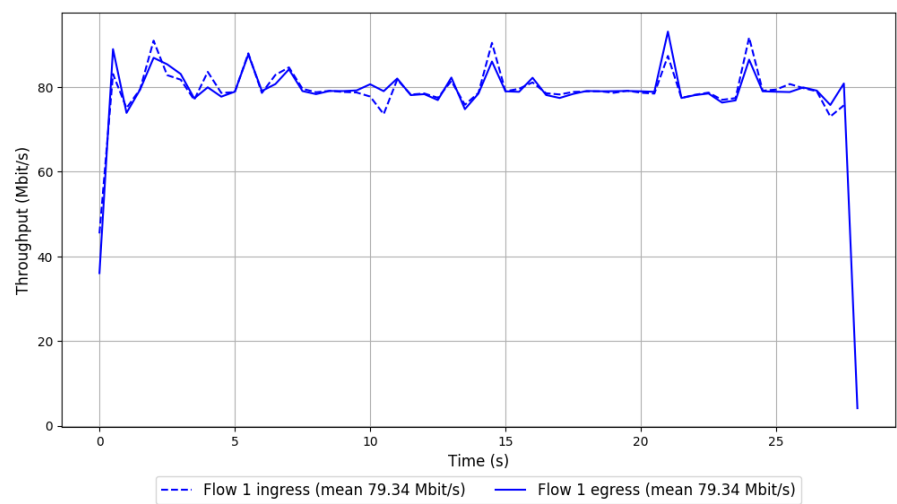
-- Flow 1:

Average throughput: 79.34 Mbit/s

95th percentile per-packet one-way delay: 64.212 ms

Loss rate: 0.00%

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



Run 9: Statistics of TaoVA-100x

Start at: 2017-09-18 04:26:36

End at: 2017-09-18 04:27:06

Local clock offset: -0.434 ms

Remote clock offset: -0.61 ms

Below is generated by plot.py at 2017-09-18 05:45:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.68 Mbit/s

95th percentile per-packet one-way delay: 66.740 ms

Loss rate: 0.00%

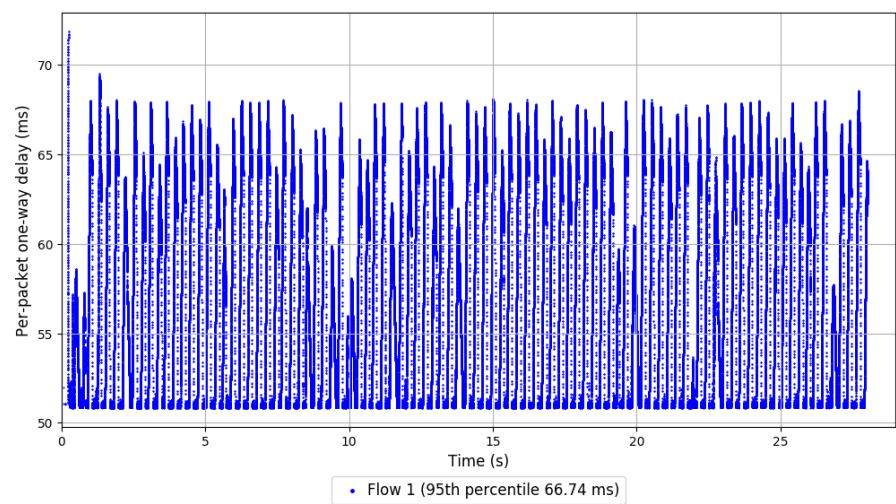
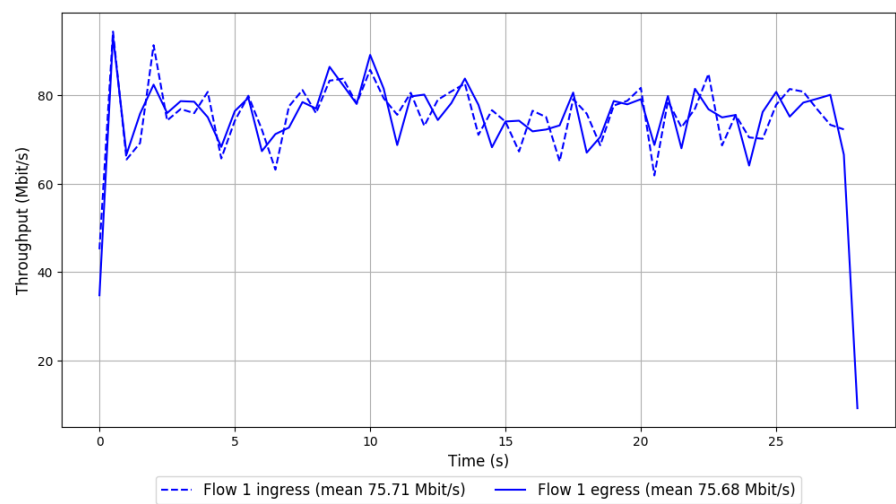
-- Flow 1:

Average throughput: 75.68 Mbit/s

95th percentile per-packet one-way delay: 66.740 ms

Loss rate: 0.00%

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



Run 10: Statistics of TaoVA-100x

Start at: 2017-09-18 04:48:24

End at: 2017-09-18 04:48:54

Local clock offset: 0.39 ms

Remote clock offset: -3.183 ms

Below is generated by plot.py at 2017-09-18 05:45:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.54 Mbit/s

95th percentile per-packet one-way delay: 64.364 ms

Loss rate: 0.00%

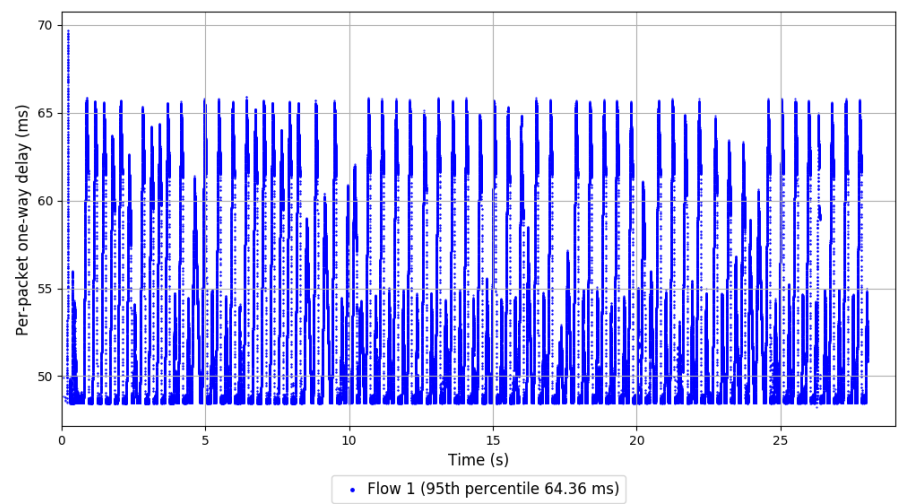
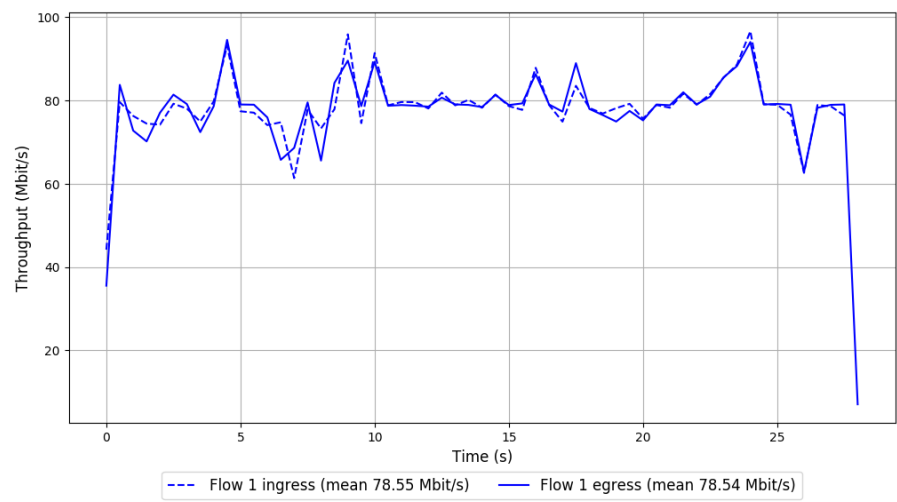
-- Flow 1:

Average throughput: 78.54 Mbit/s

95th percentile per-packet one-way delay: 64.364 ms

Loss rate: 0.00%

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

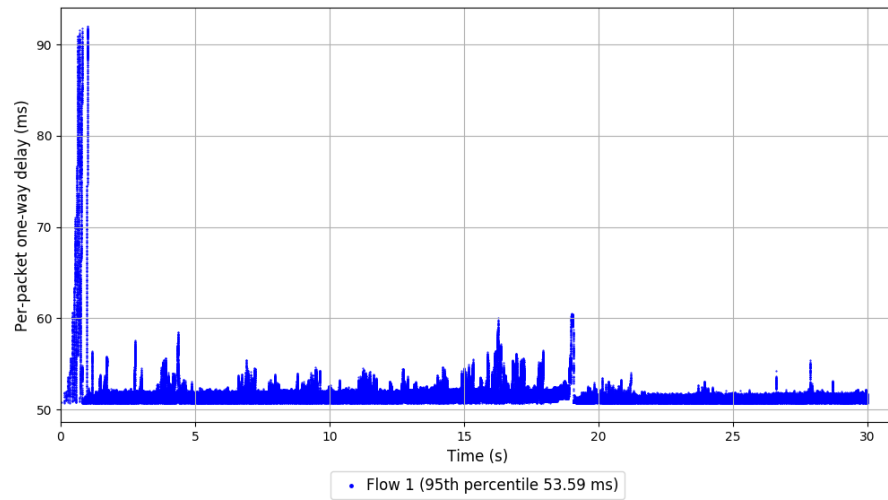
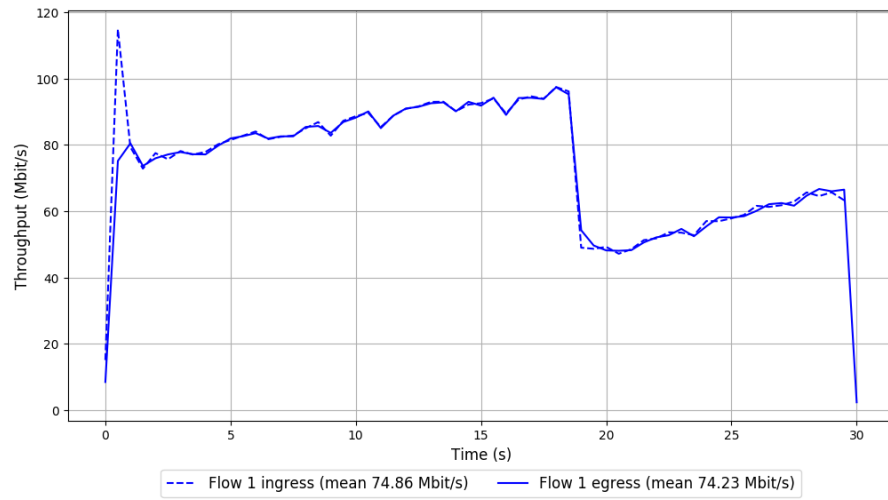


Run 1: Statistics of TCP Vegas

Start at: 2017-09-18 01:51:51
End at: 2017-09-18 01:52:21
Local clock offset: -0.051 ms
Remote clock offset: -0.006 ms

Below is generated by plot.py at 2017-09-18 05:45:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.23 Mbit/s
95th percentile per-packet one-way delay: 53.588 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 74.23 Mbit/s
95th percentile per-packet one-way delay: 53.588 ms
Loss rate: 0.84%

Run 1: Report of TCP Vegas — Data Link

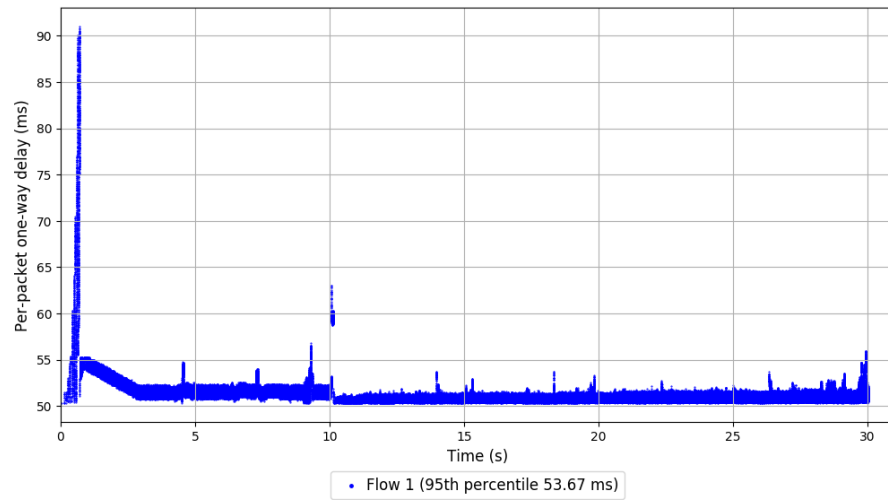
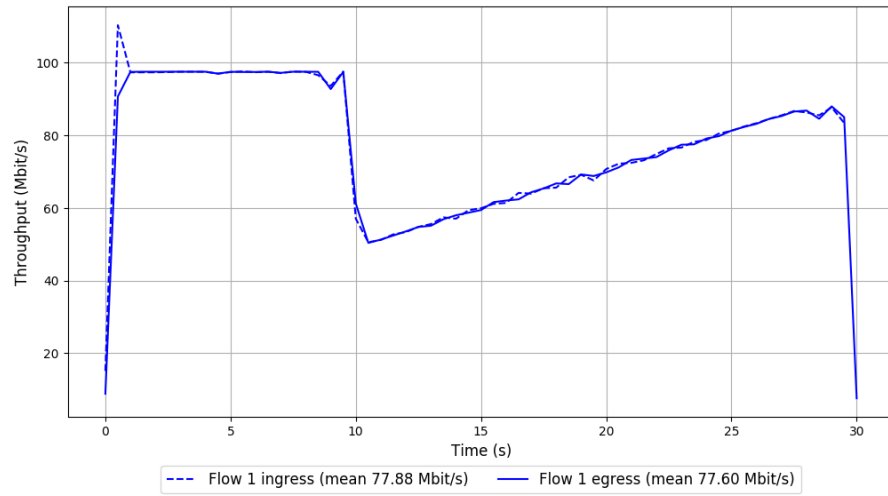


Run 2: Statistics of TCP Vegas

Start at: 2017-09-18 02:12:25
End at: 2017-09-18 02:12:55
Local clock offset: -0.372 ms
Remote clock offset: -0.844 ms

Below is generated by plot.py at 2017-09-18 05:45:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.60 Mbit/s
95th percentile per-packet one-way delay: 53.674 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 77.60 Mbit/s
95th percentile per-packet one-way delay: 53.674 ms
Loss rate: 0.34%

Run 2: Report of TCP Vegas — Data Link

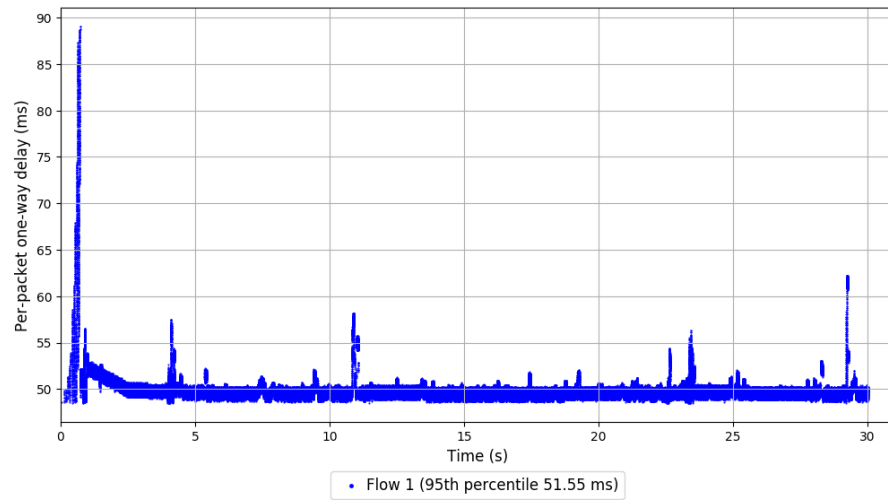
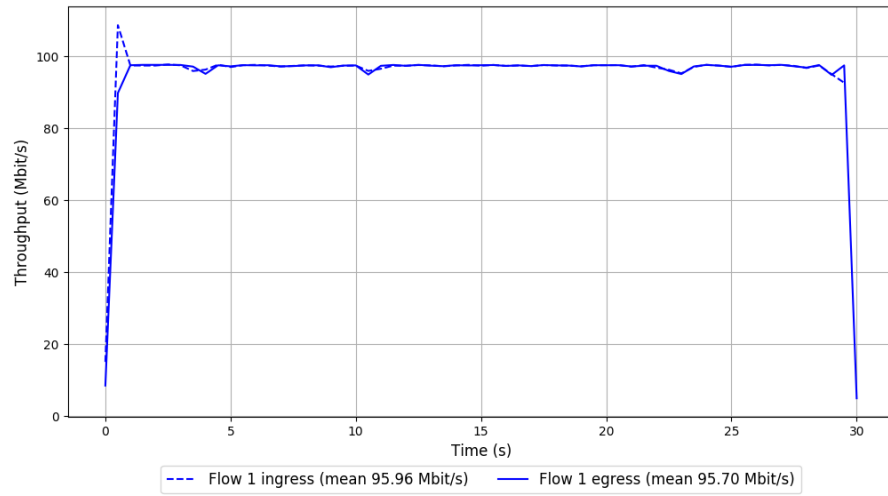


Run 3: Statistics of TCP Vegas

Start at: 2017-09-18 02:33:06
End at: 2017-09-18 02:33:36
Local clock offset: -0.934 ms
Remote clock offset: -3.247 ms

Below is generated by plot.py at 2017-09-18 05:45:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.70 Mbit/s
95th percentile per-packet one-way delay: 51.553 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 95.70 Mbit/s
95th percentile per-packet one-way delay: 51.553 ms
Loss rate: 0.27%

Run 3: Report of TCP Vegas — Data Link

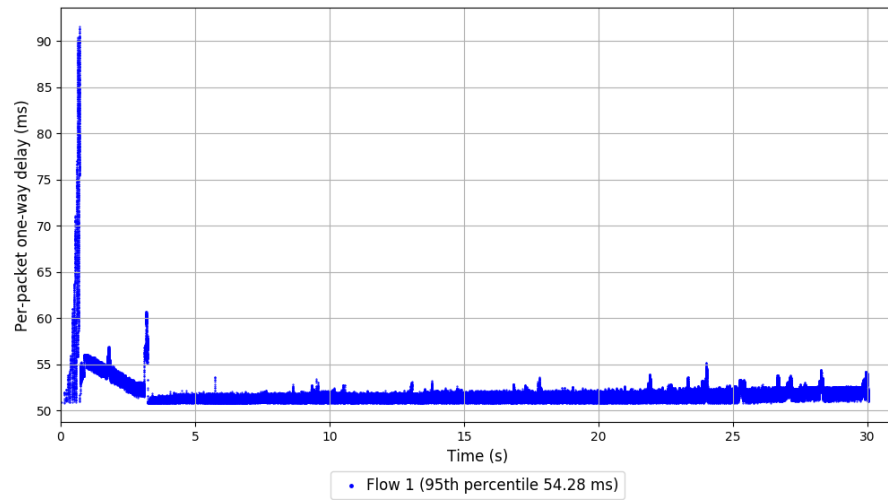
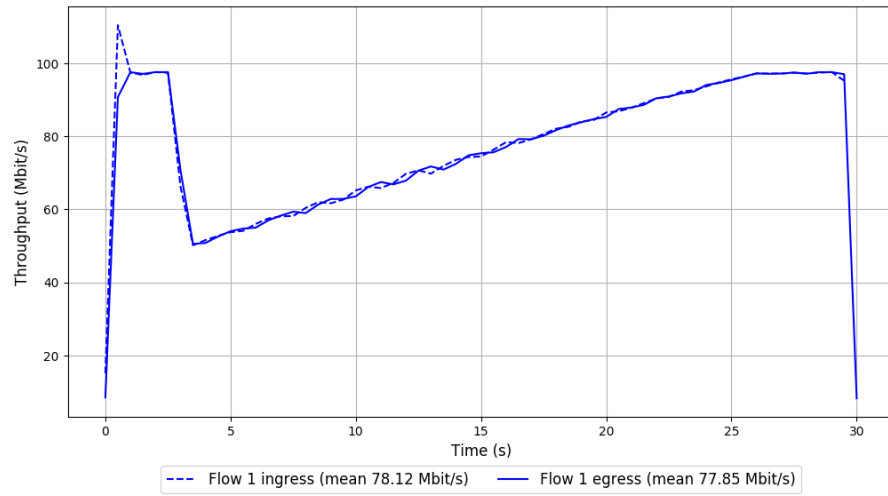


Run 4: Statistics of TCP Vegas

Start at: 2017-09-18 02:53:34
End at: 2017-09-18 02:54:04
Local clock offset: -1.524 ms
Remote clock offset: -0.544 ms

Below is generated by plot.py at 2017-09-18 05:45:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.85 Mbit/s
95th percentile per-packet one-way delay: 54.285 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 77.85 Mbit/s
95th percentile per-packet one-way delay: 54.285 ms
Loss rate: 0.34%

Run 4: Report of TCP Vegas — Data Link

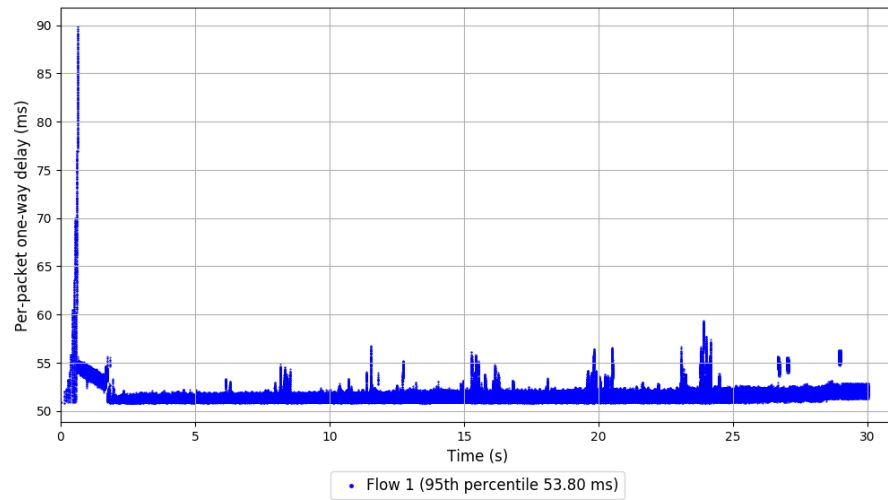
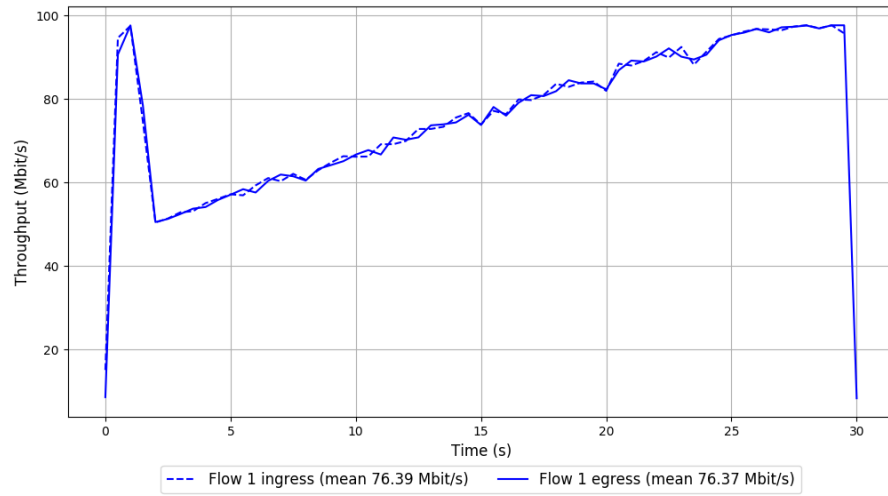


Run 5: Statistics of TCP Vegas

Start at: 2017-09-18 03:14:00
End at: 2017-09-18 03:14:30
Local clock offset: -1.733 ms
Remote clock offset: -0.444 ms

Below is generated by plot.py at 2017-09-18 05:45:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.37 Mbit/s
95th percentile per-packet one-way delay: 53.797 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 76.37 Mbit/s
95th percentile per-packet one-way delay: 53.797 ms
Loss rate: 0.03%

Run 5: Report of TCP Vegas — Data Link

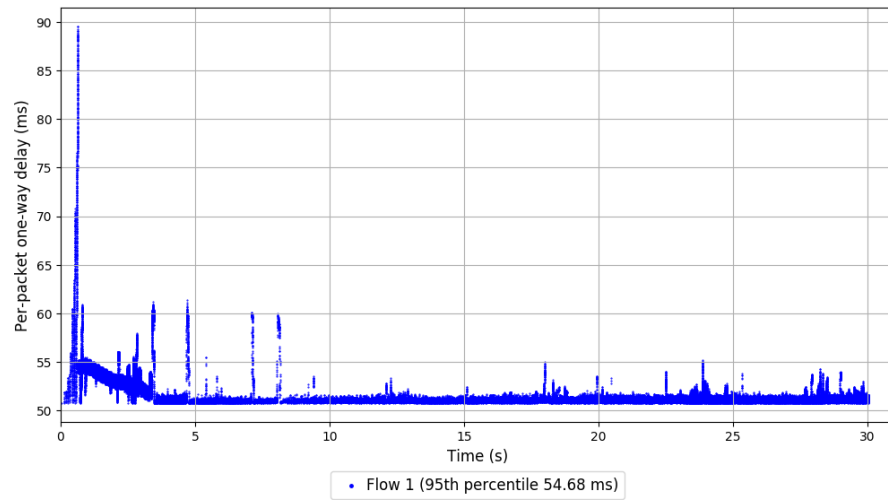
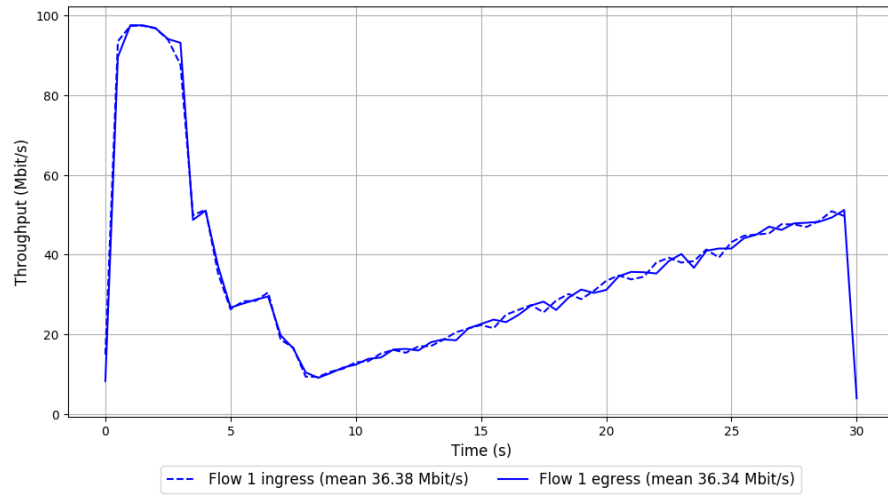


Run 6: Statistics of TCP Vegas

Start at: 2017-09-18 03:34:57
End at: 2017-09-18 03:35:27
Local clock offset: -1.91 ms
Remote clock offset: -0.221 ms

Below is generated by plot.py at 2017-09-18 05:45:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 36.34 Mbit/s
95th percentile per-packet one-way delay: 54.679 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 36.34 Mbit/s
95th percentile per-packet one-way delay: 54.679 ms
Loss rate: 0.10%

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: 2017-09-18 03:56:01

End at: 2017-09-18 03:56:31

Local clock offset: -1.65 ms

Remote clock offset: -0.45 ms

Below is generated by plot.py at 2017-09-18 05:45:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.08 Mbit/s

95th percentile per-packet one-way delay: 53.816 ms

Loss rate: 0.31%

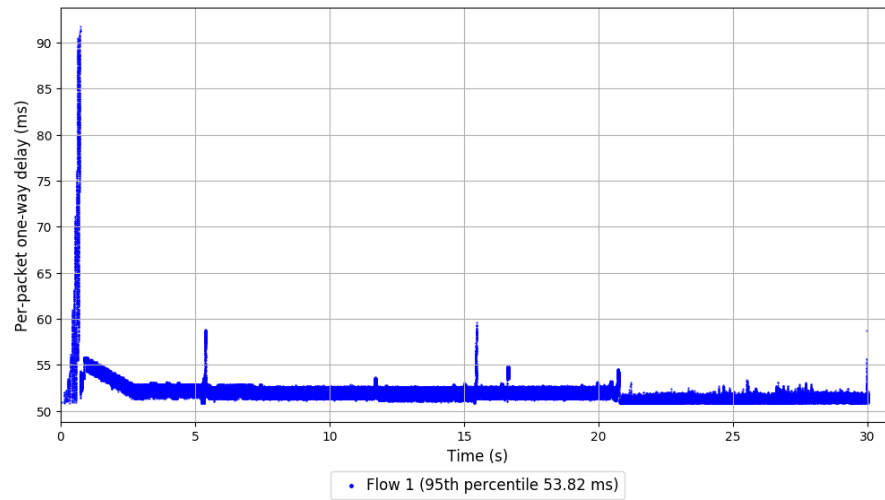
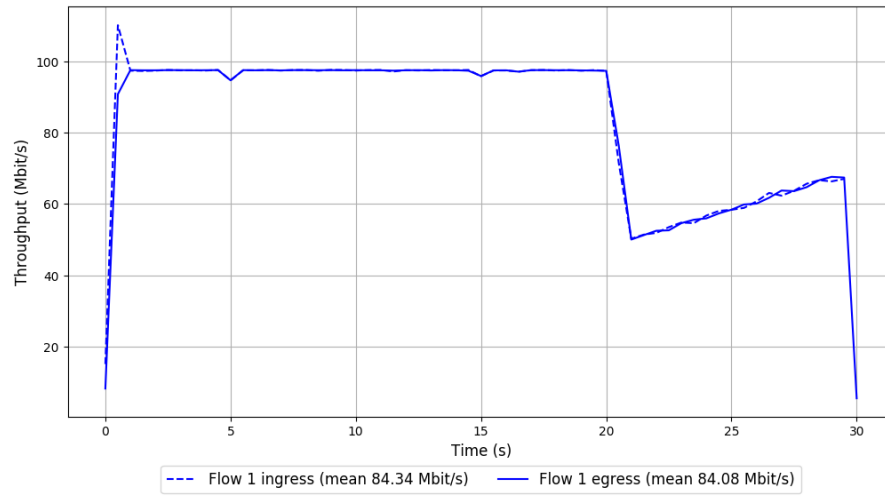
-- Flow 1:

Average throughput: 84.08 Mbit/s

95th percentile per-packet one-way delay: 53.816 ms

Loss rate: 0.31%

Run 7: Report of TCP Vegas — Data Link

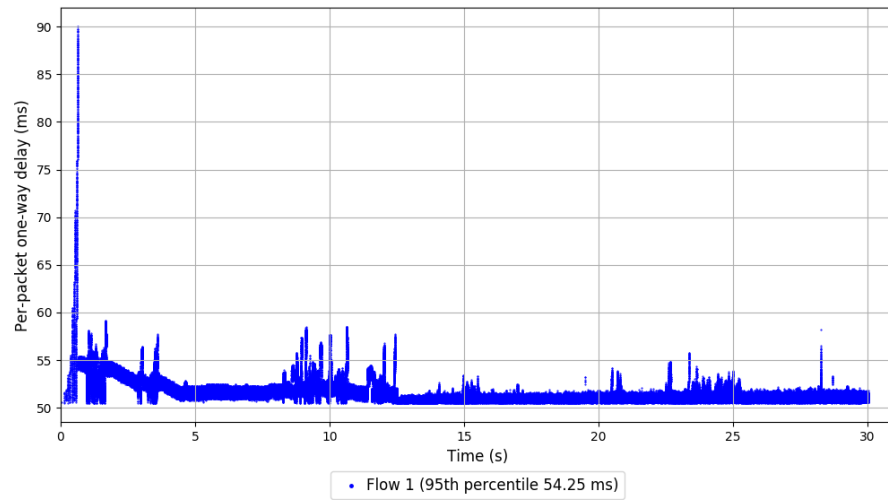
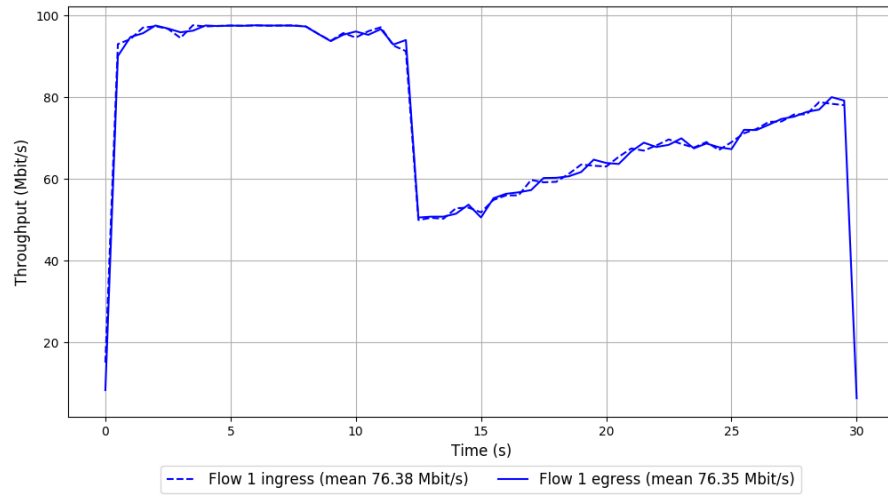


Run 8: Statistics of TCP Vegas

Start at: 2017-09-18 04:16:53
End at: 2017-09-18 04:17:23
Local clock offset: -0.677 ms
Remote clock offset: -1.073 ms

Below is generated by plot.py at 2017-09-18 05:45:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.35 Mbit/s
95th percentile per-packet one-way delay: 54.251 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 76.35 Mbit/s
95th percentile per-packet one-way delay: 54.251 ms
Loss rate: 0.03%

Run 8: Report of TCP Vegas — Data Link

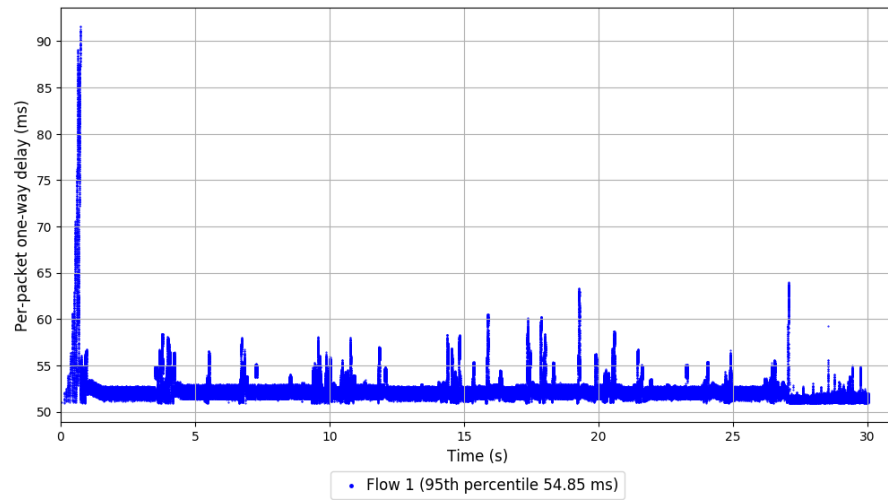
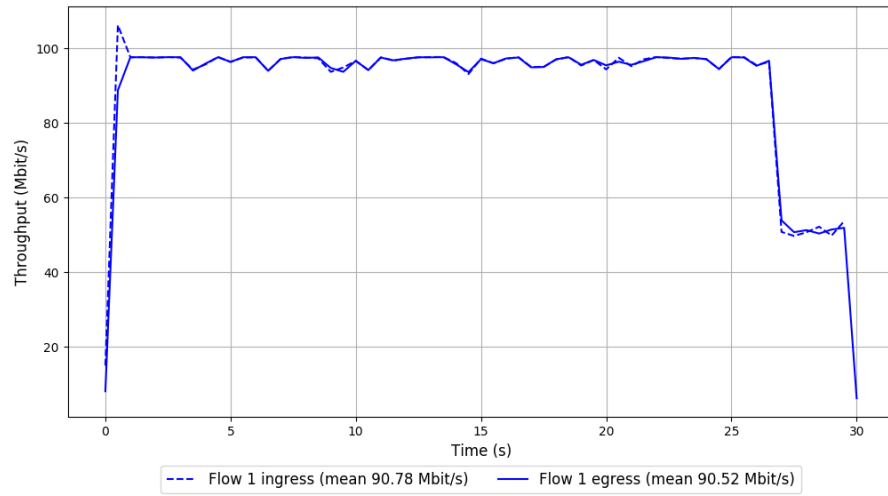


Run 9: Statistics of TCP Vegas

Start at: 2017-09-18 04:38:34
End at: 2017-09-18 04:39:05
Local clock offset: 0.125 ms
Remote clock offset: -0.628 ms

Below is generated by plot.py at 2017-09-18 05:46:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.52 Mbit/s
95th percentile per-packet one-way delay: 54.849 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 90.52 Mbit/s
95th percentile per-packet one-way delay: 54.849 ms
Loss rate: 0.28%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: 2017-09-18 05:00:13

End at: 2017-09-18 05:00:43

Local clock offset: 0.857 ms

Remote clock offset: -1.032 ms

Below is generated by plot.py at 2017-09-18 05:46:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.52 Mbit/s

95th percentile per-packet one-way delay: 52.489 ms

Loss rate: 0.77%

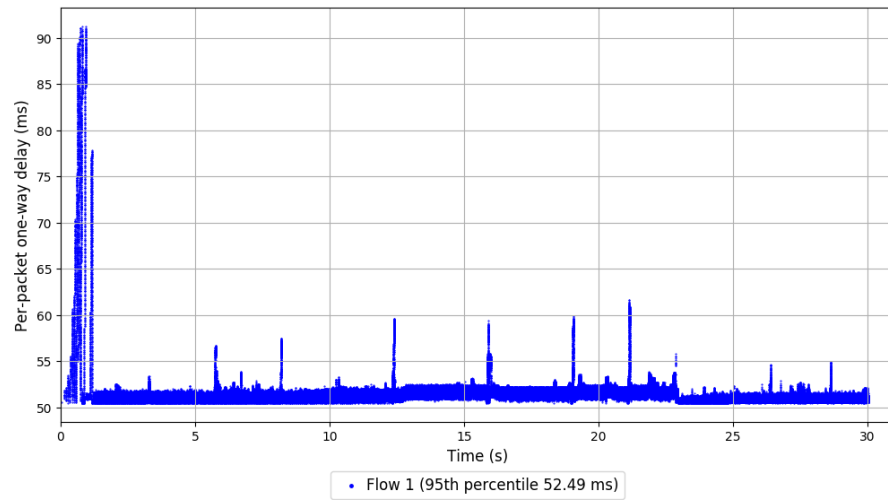
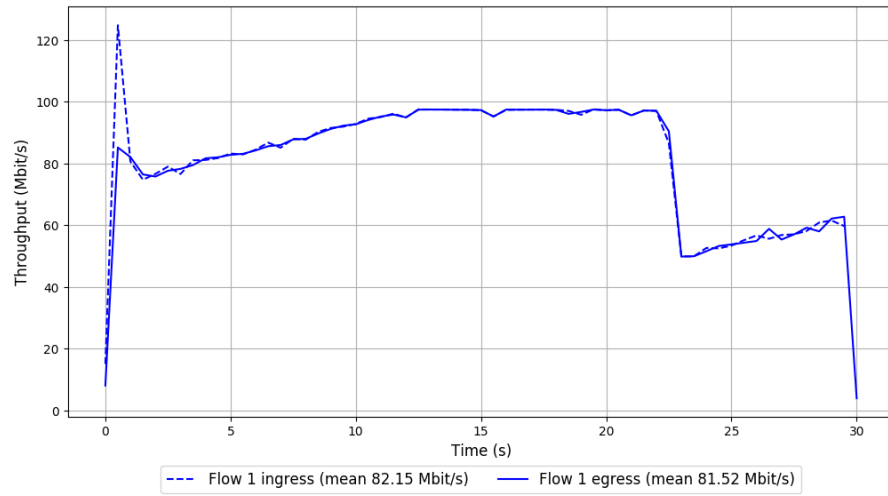
-- Flow 1:

Average throughput: 81.52 Mbit/s

95th percentile per-packet one-way delay: 52.489 ms

Loss rate: 0.77%

Run 10: Report of TCP Vegas — Data Link

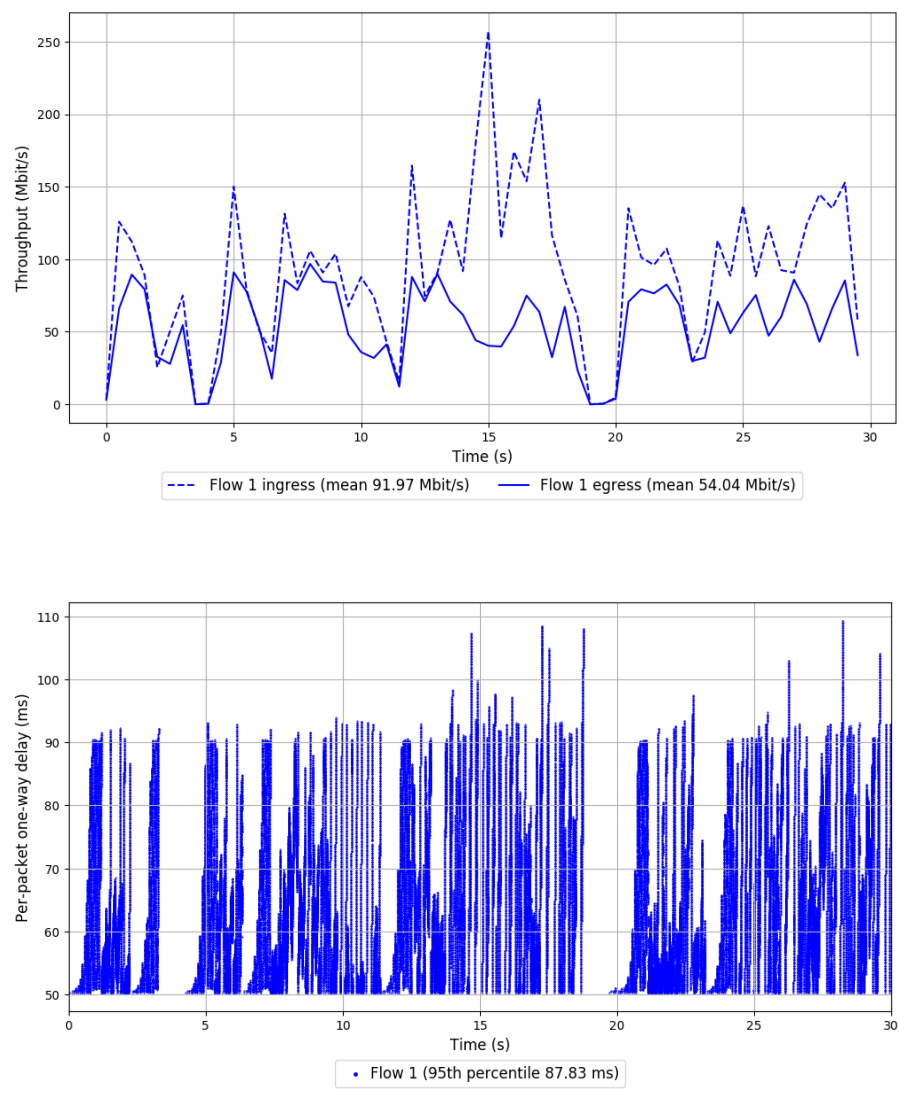


Run 1: Statistics of Verus

Start at: 2017-09-18 01:37:14
End at: 2017-09-18 01:37:44
Local clock offset: 0.225 ms
Remote clock offset: -0.193 ms

Below is generated by plot.py at 2017-09-18 05:46:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 54.04 Mbit/s
95th percentile per-packet one-way delay: 87.827 ms
Loss rate: 41.23%
-- Flow 1:
Average throughput: 54.04 Mbit/s
95th percentile per-packet one-way delay: 87.827 ms
Loss rate: 41.23%

Run 1: Report of Verus — Data Link

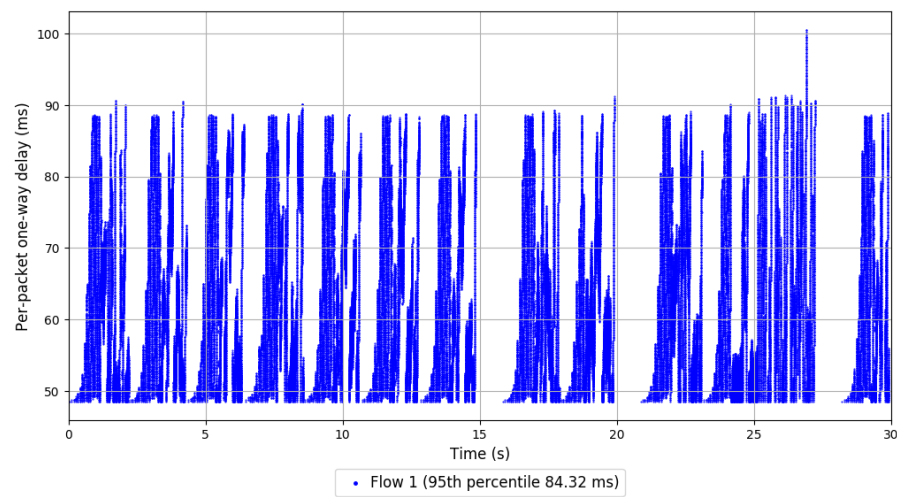
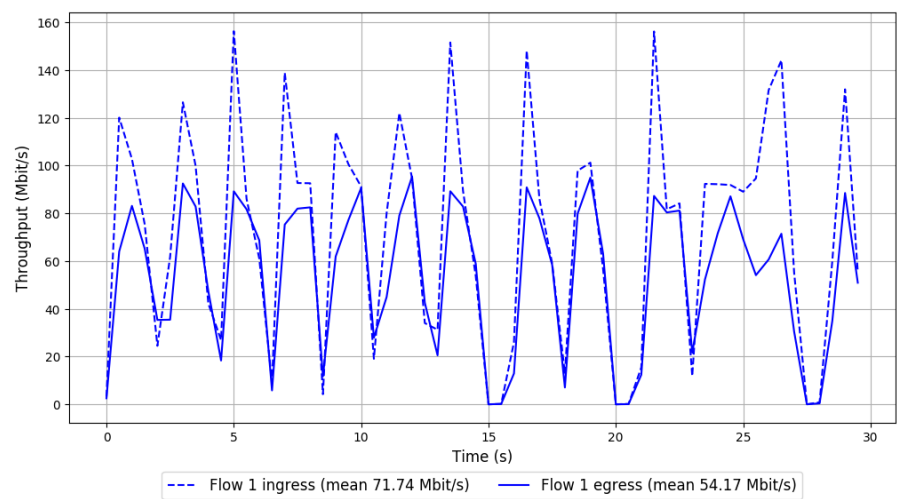


Run 2: Statistics of Verus

Start at: 2017-09-18 01:58:40
End at: 2017-09-18 01:59:10
Local clock offset: -0.152 ms
Remote clock offset: -2.592 ms

Below is generated by plot.py at 2017-09-18 05:46:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 54.17 Mbit/s
95th percentile per-packet one-way delay: 84.320 ms
Loss rate: 24.47%
-- Flow 1:
Average throughput: 54.17 Mbit/s
95th percentile per-packet one-way delay: 84.320 ms
Loss rate: 24.47%

Run 2: Report of Verus — Data Link

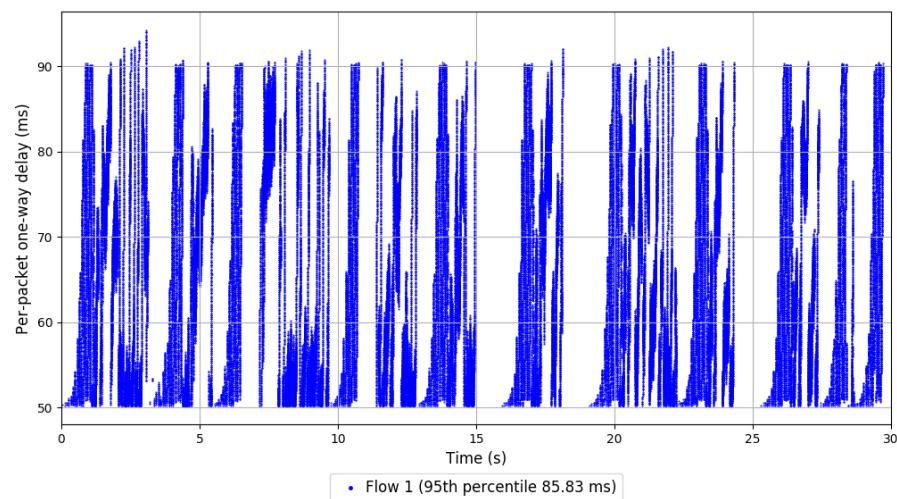
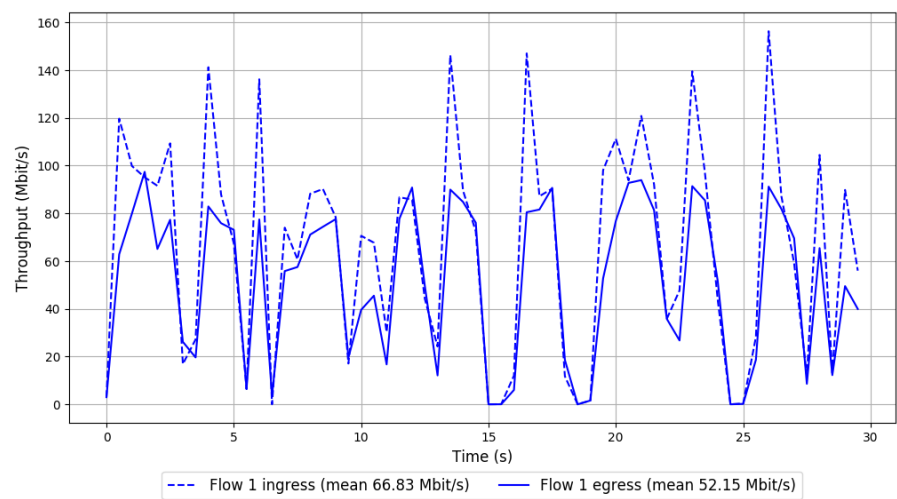


Run 3: Statistics of Verus

Start at: 2017-09-18 02:19:14
End at: 2017-09-18 02:19:44
Local clock offset: -0.553 ms
Remote clock offset: -1.069 ms

Below is generated by plot.py at 2017-09-18 05:46:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 52.15 Mbit/s
95th percentile per-packet one-way delay: 85.835 ms
Loss rate: 21.94%
-- Flow 1:
Average throughput: 52.15 Mbit/s
95th percentile per-packet one-way delay: 85.835 ms
Loss rate: 21.94%

Run 3: Report of Verus — Data Link

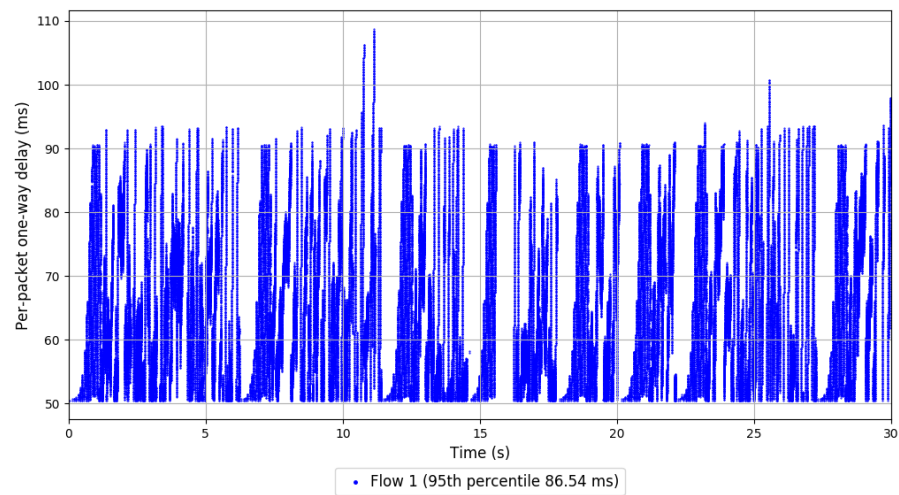
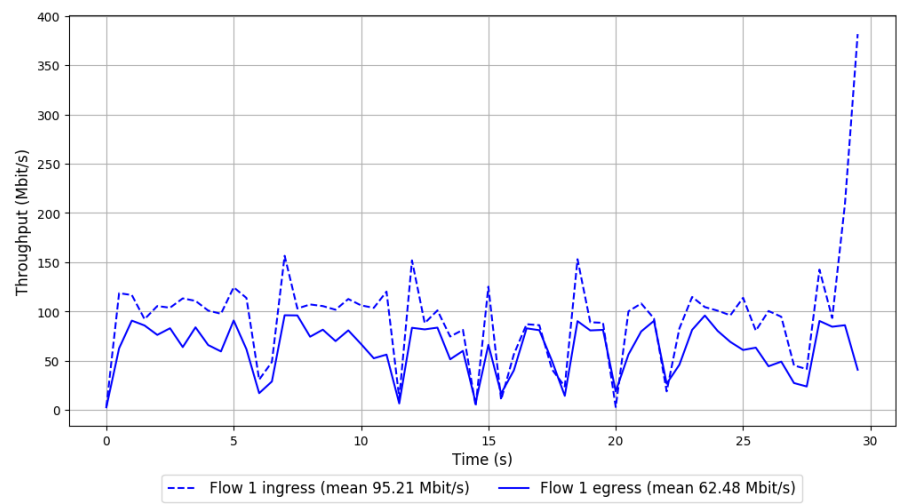


Run 4: Statistics of Verus

Start at: 2017-09-18 02:39:51
End at: 2017-09-18 02:40:21
Local clock offset: -1.006 ms
Remote clock offset: -1.193 ms

Below is generated by plot.py at 2017-09-18 05:46:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 62.48 Mbit/s
95th percentile per-packet one-way delay: 86.540 ms
Loss rate: 34.33%
-- Flow 1:
Average throughput: 62.48 Mbit/s
95th percentile per-packet one-way delay: 86.540 ms
Loss rate: 34.33%

Run 4: Report of Verus — Data Link

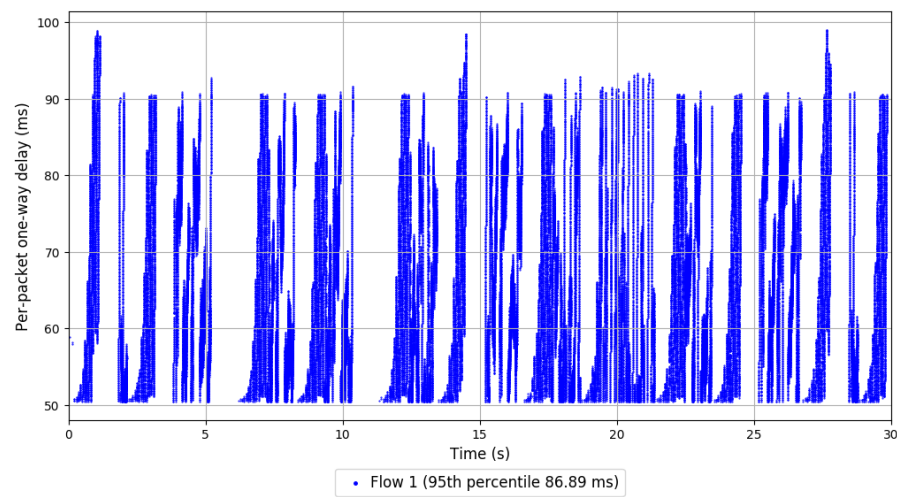
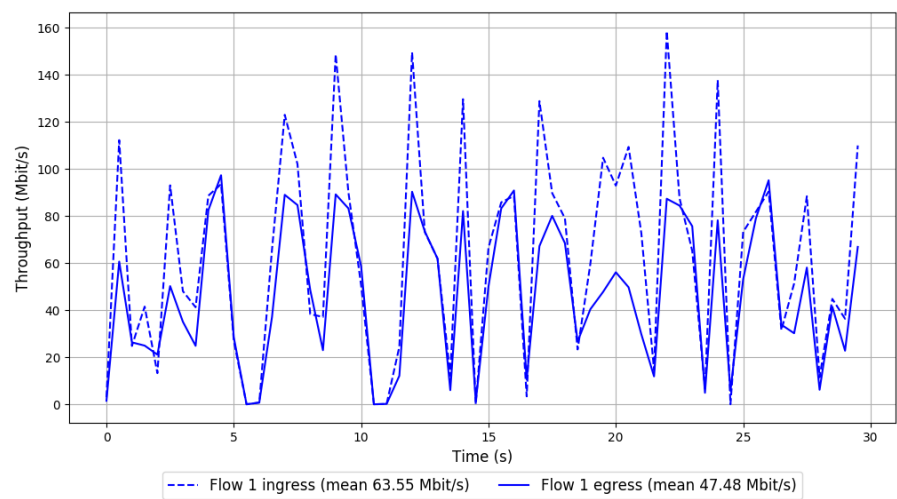


Run 5: Statistics of Verus

Start at: 2017-09-18 03:00:09
End at: 2017-09-18 03:00:39
Local clock offset: -1.712 ms
Remote clock offset: -1.037 ms

Below is generated by plot.py at 2017-09-18 05:46:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 47.48 Mbit/s
95th percentile per-packet one-way delay: 86.890 ms
Loss rate: 25.28%
-- Flow 1:
Average throughput: 47.48 Mbit/s
95th percentile per-packet one-way delay: 86.890 ms
Loss rate: 25.28%

Run 5: Report of Verus — Data Link

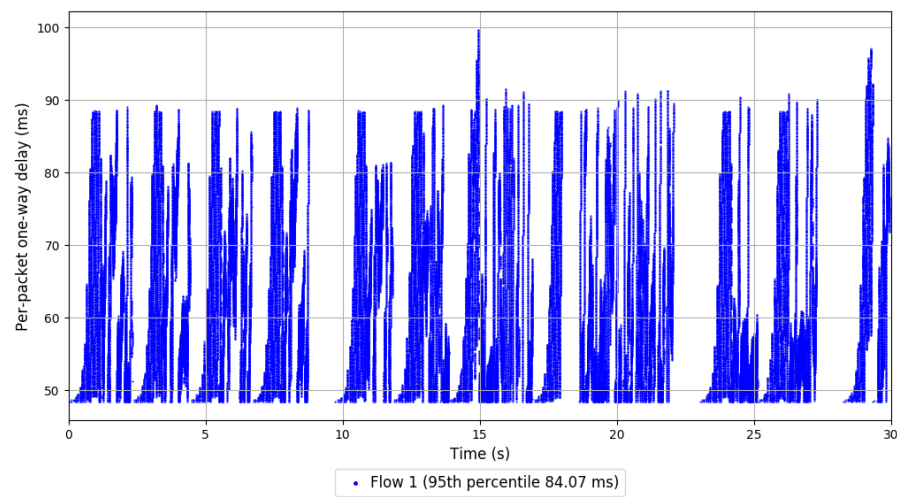
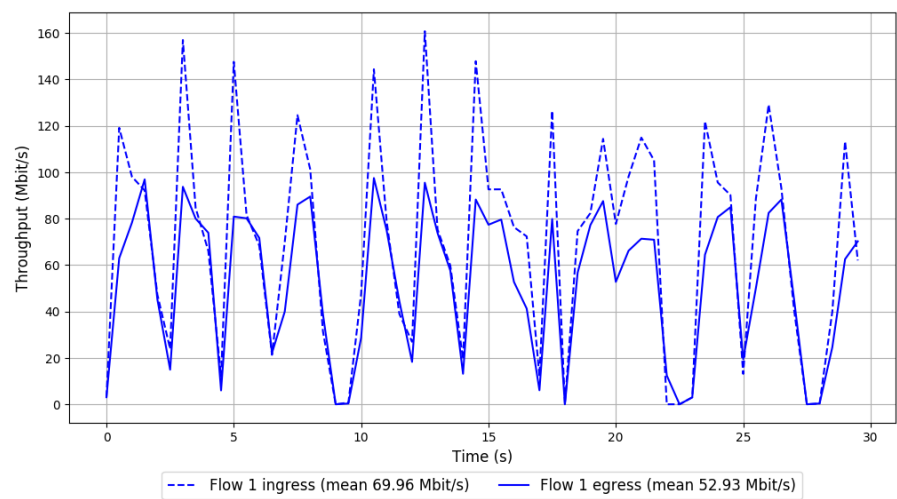


Run 6: Statistics of Verus

Start at: 2017-09-18 03:20:50
End at: 2017-09-18 03:21:20
Local clock offset: -1.794 ms
Remote clock offset: -2.791 ms

Below is generated by plot.py at 2017-09-18 05:47:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 52.93 Mbit/s
95th percentile per-packet one-way delay: 84.070 ms
Loss rate: 24.29%
-- Flow 1:
Average throughput: 52.93 Mbit/s
95th percentile per-packet one-way delay: 84.070 ms
Loss rate: 24.29%

Run 6: Report of Verus — Data Link

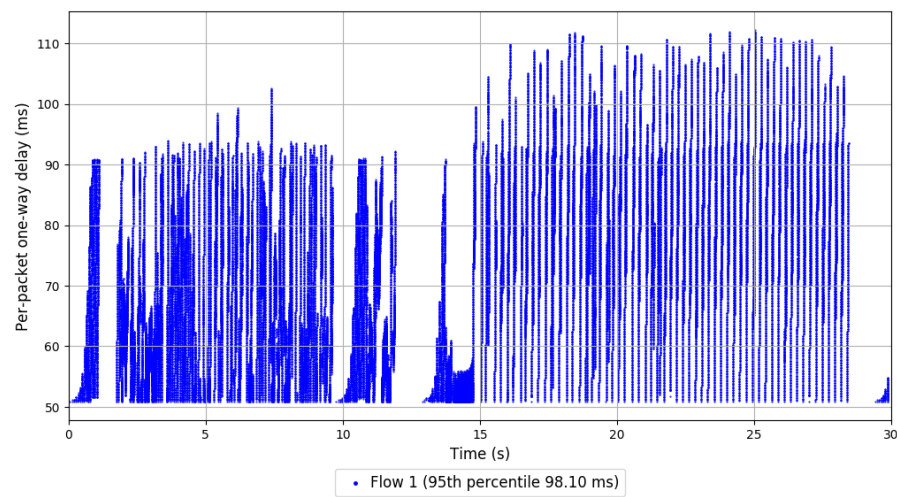
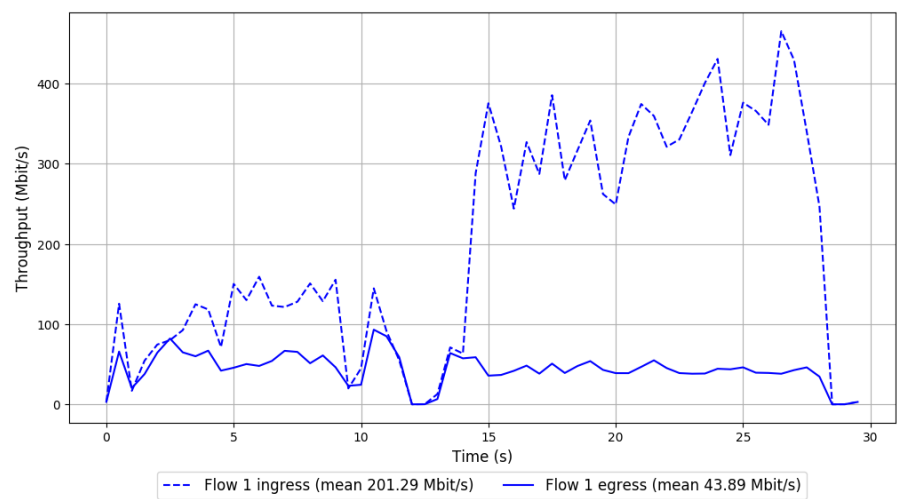


Run 7: Statistics of Verus

Start at: 2017-09-18 03:41:49
End at: 2017-09-18 03:42:19
Local clock offset: -1.917 ms
Remote clock offset: -0.127 ms

Below is generated by plot.py at 2017-09-18 05:47:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 43.89 Mbit/s
95th percentile per-packet one-way delay: 98.097 ms
Loss rate: 78.19%
-- Flow 1:
Average throughput: 43.89 Mbit/s
95th percentile per-packet one-way delay: 98.097 ms
Loss rate: 78.19%

Run 7: Report of Verus — Data Link

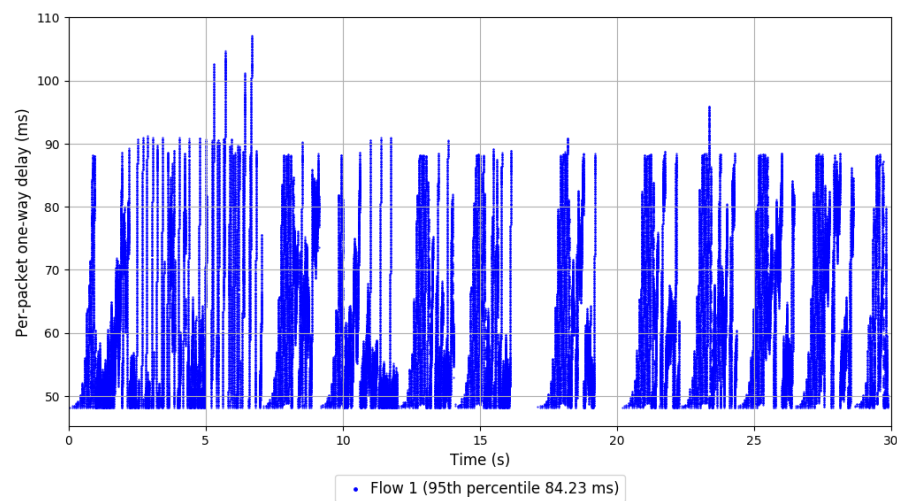
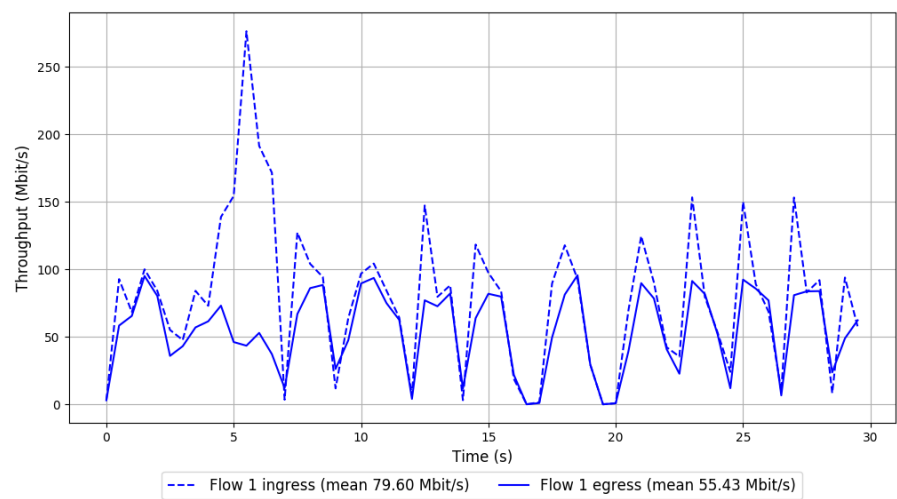


Run 8: Statistics of Verus

Start at: 2017-09-18 04:02:51
End at: 2017-09-18 04:03:21
Local clock offset: -1.327 ms
Remote clock offset: -3.012 ms

Below is generated by plot.py at 2017-09-18 05:47:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 55.43 Mbit/s
95th percentile per-packet one-way delay: 84.228 ms
Loss rate: 30.37%
-- Flow 1:
Average throughput: 55.43 Mbit/s
95th percentile per-packet one-way delay: 84.228 ms
Loss rate: 30.37%

Run 8: Report of Verus — Data Link

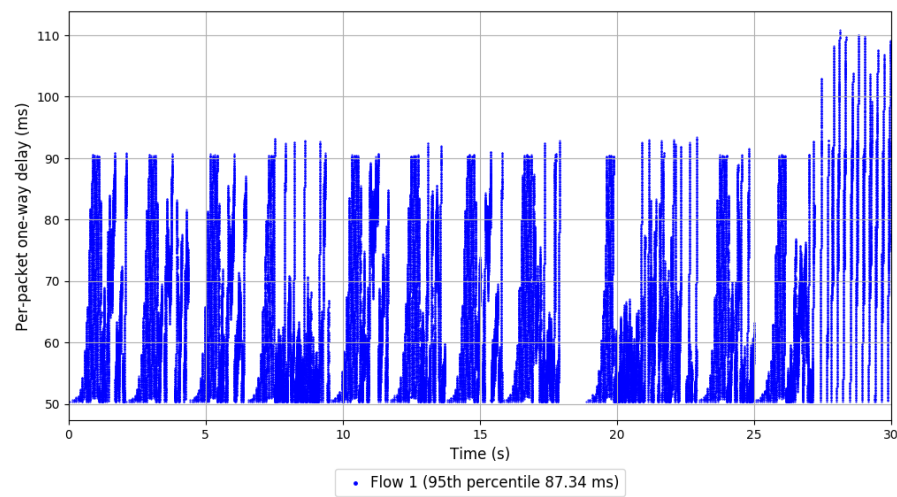
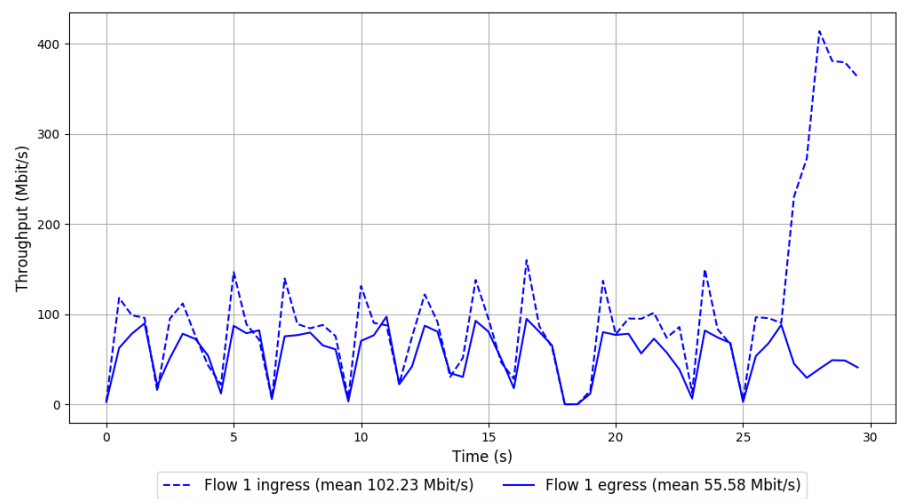


Run 9: Statistics of Verus

Start at: 2017-09-18 04:23:38
End at: 2017-09-18 04:24:08
Local clock offset: -0.425 ms
Remote clock offset: -1.171 ms

Below is generated by plot.py at 2017-09-18 05:47:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 55.58 Mbit/s
95th percentile per-packet one-way delay: 87.337 ms
Loss rate: 45.58%
-- Flow 1:
Average throughput: 55.58 Mbit/s
95th percentile per-packet one-way delay: 87.337 ms
Loss rate: 45.58%

Run 9: Report of Verus — Data Link

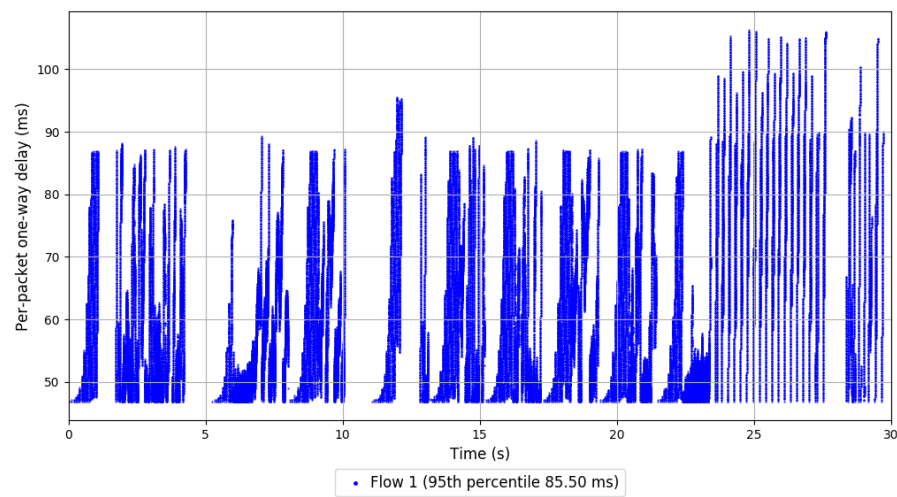
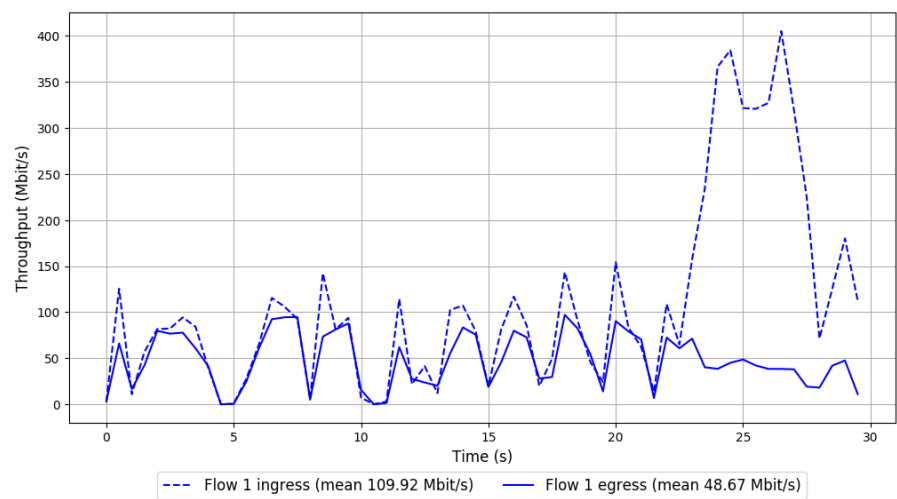


Run 10: Statistics of Verus

Start at: 2017-09-18 04:45:32
End at: 2017-09-18 04:46:02
Local clock offset: 0.378 ms
Remote clock offset: -3.083 ms

Below is generated by plot.py at 2017-09-18 05:47:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 48.67 Mbit/s
95th percentile per-packet one-way delay: 85.505 ms
Loss rate: 55.69%
-- Flow 1:
Average throughput: 48.67 Mbit/s
95th percentile per-packet one-way delay: 85.505 ms
Loss rate: 55.69%

Run 10: Report of Verus — Data Link

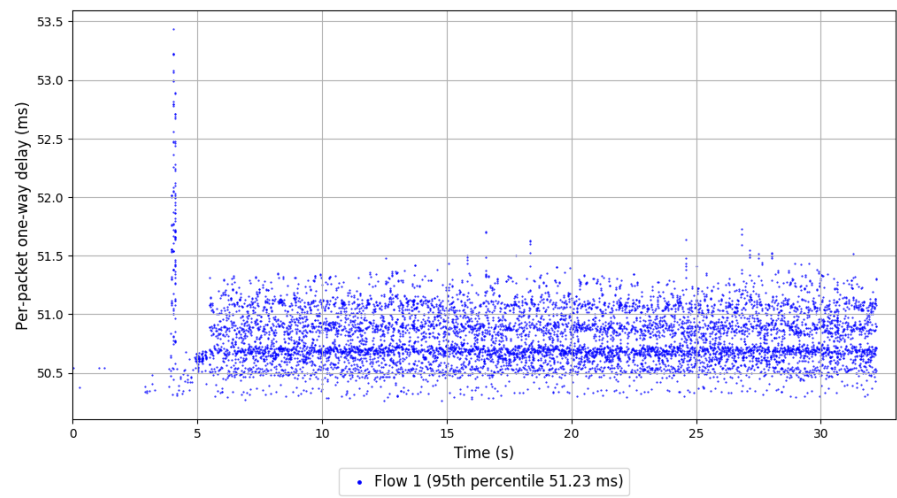
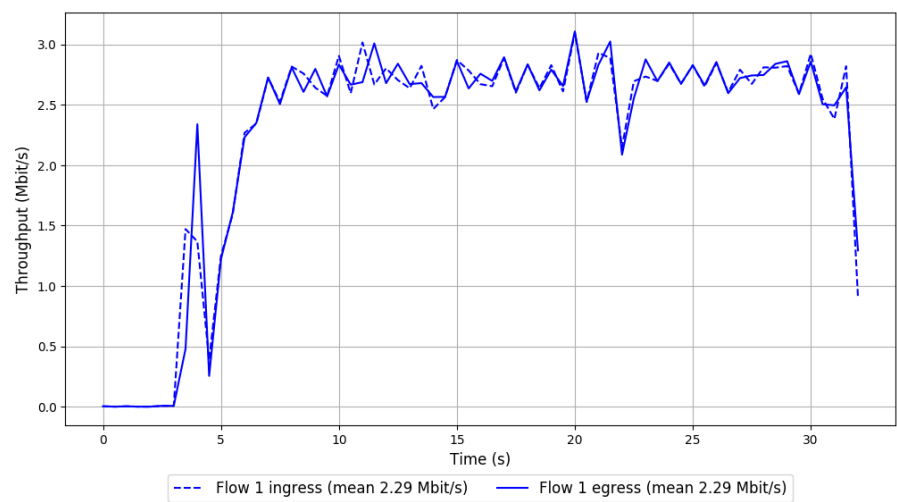


Run 1: Statistics of WebRTC media

Start at: 2017-09-18 01:47:29
End at: 2017-09-18 01:47:59
Local clock offset: -0.002 ms
Remote clock offset: -0.422 ms

Below is generated by plot.py at 2017-09-18 05:47:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 51.234 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 51.234 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

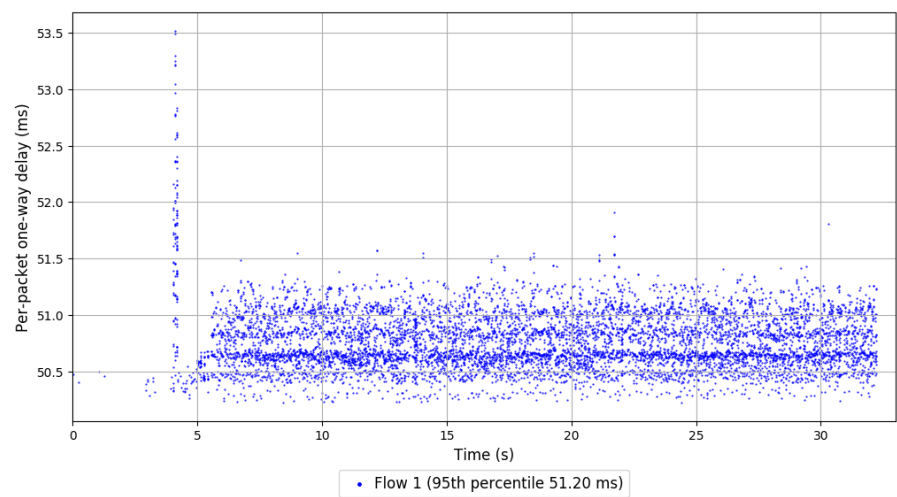
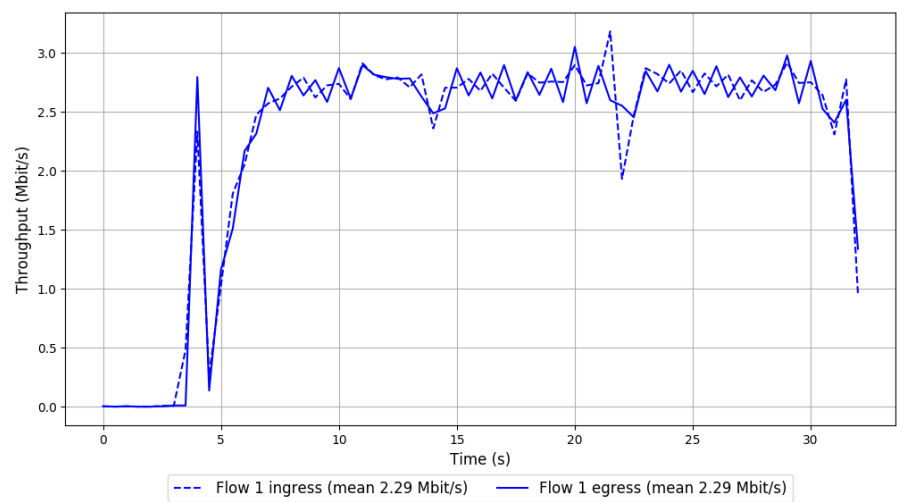


Run 2: Statistics of WebRTC media

Start at: 2017-09-18 02:08:28
End at: 2017-09-18 02:08:58
Local clock offset: -0.216 ms
Remote clock offset: -0.757 ms

Below is generated by plot.py at 2017-09-18 05:47:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 51.201 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 51.201 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

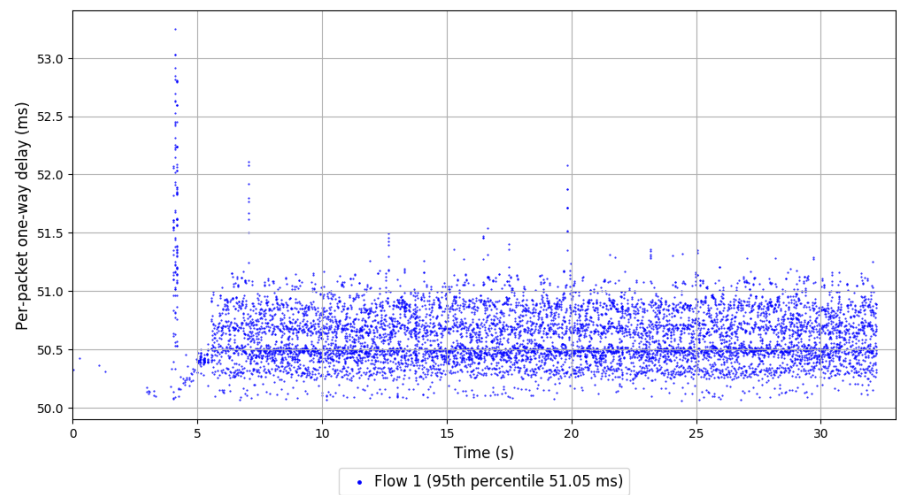
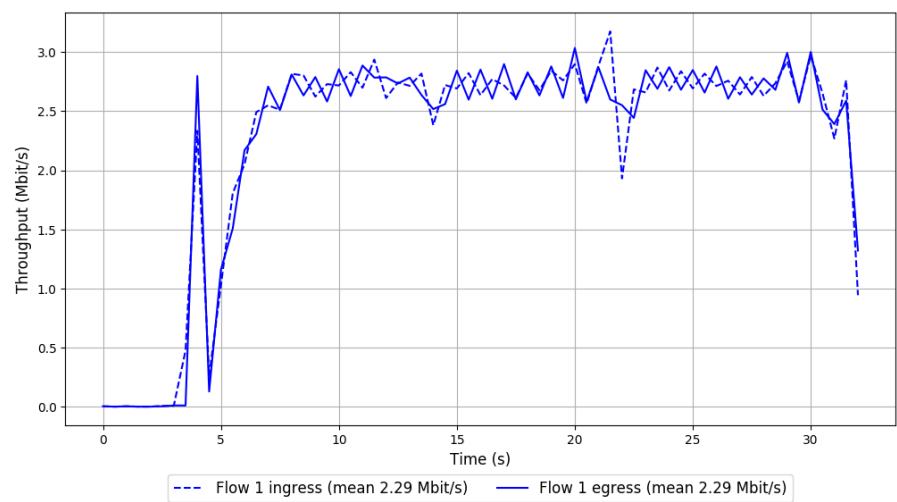


Run 3: Statistics of WebRTC media

Start at: 2017-09-18 02:29:00
End at: 2017-09-18 02:29:30
Local clock offset: -0.741 ms
Remote clock offset: -1.082 ms

Below is generated by plot.py at 2017-09-18 05:47:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 51.047 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 51.047 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

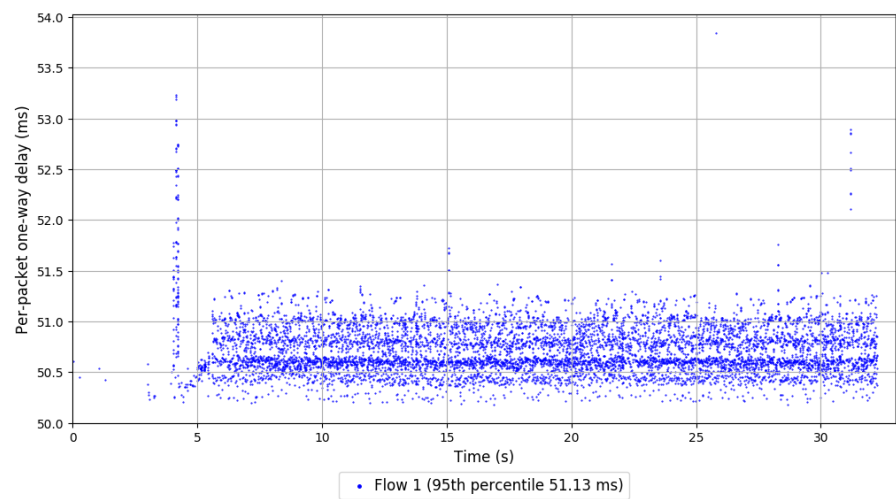
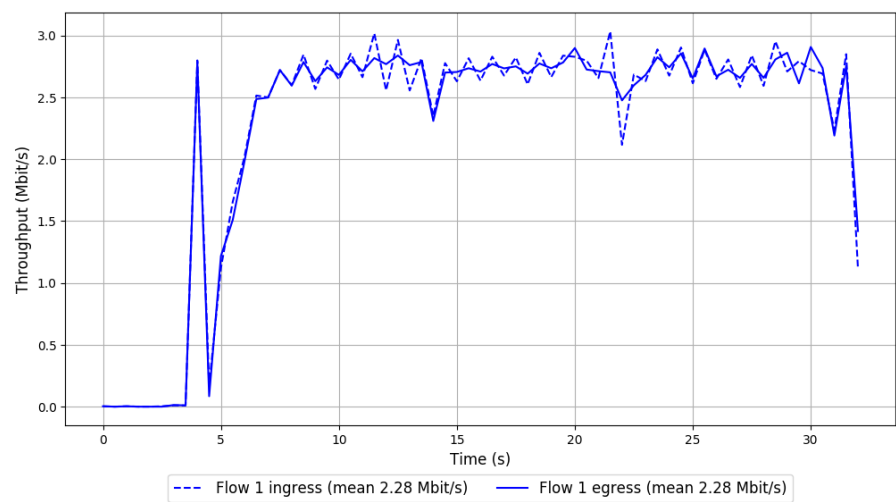


Run 4: Statistics of WebRTC media

Start at: 2017-09-18 02:49:32
End at: 2017-09-18 02:50:02
Local clock offset: -1.298 ms
Remote clock offset: -1.115 ms

Below is generated by plot.py at 2017-09-18 05:47:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.28 Mbit/s
95th percentile per-packet one-way delay: 51.126 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.28 Mbit/s
95th percentile per-packet one-way delay: 51.126 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link

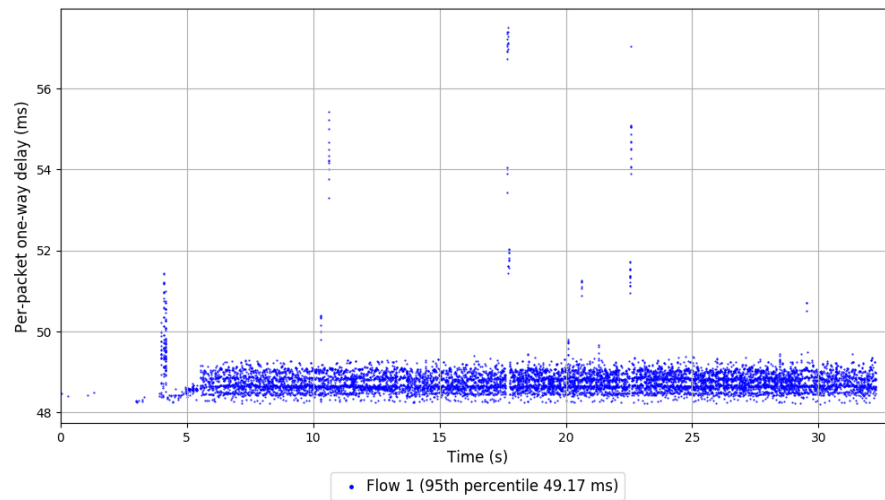
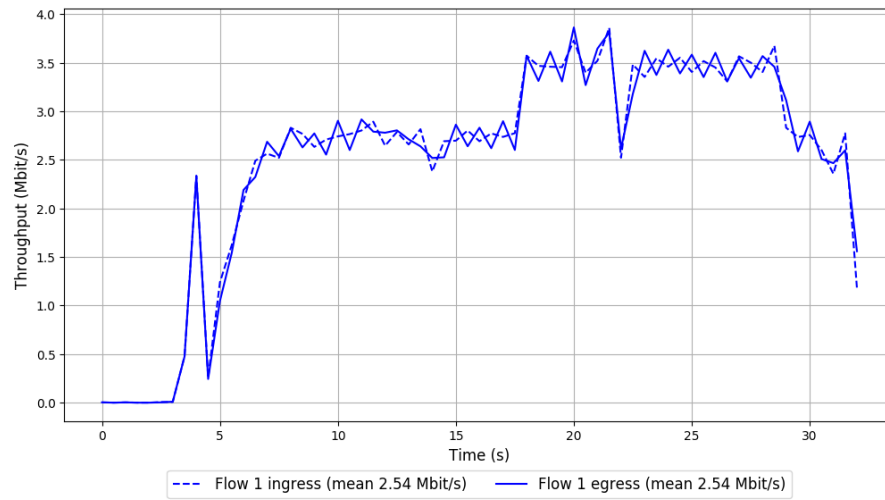


Run 5: Statistics of WebRTC media

Start at: 2017-09-18 03:09:46
End at: 2017-09-18 03:10:16
Local clock offset: -1.822 ms
Remote clock offset: -2.963 ms

Below is generated by plot.py at 2017-09-18 05:47:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.54 Mbit/s
95th percentile per-packet one-way delay: 49.170 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 2.54 Mbit/s
95th percentile per-packet one-way delay: 49.170 ms
Loss rate: 0.07%

Run 5: Report of WebRTC media — Data Link

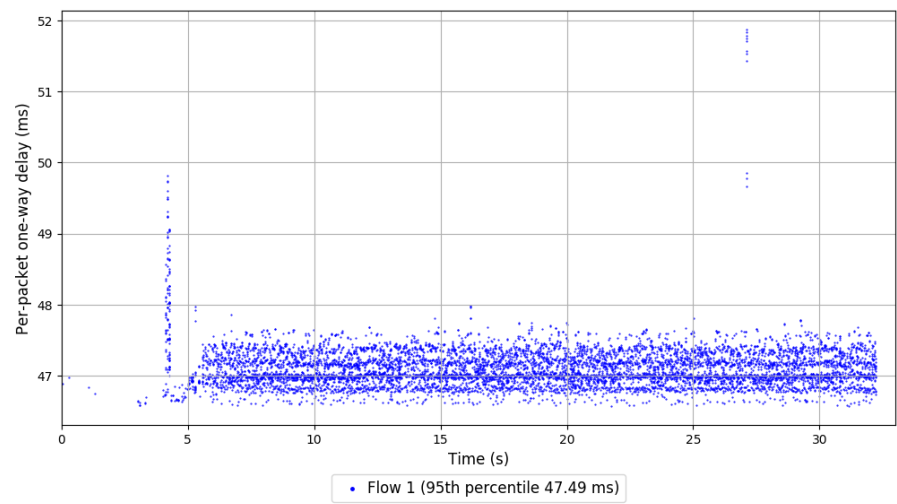
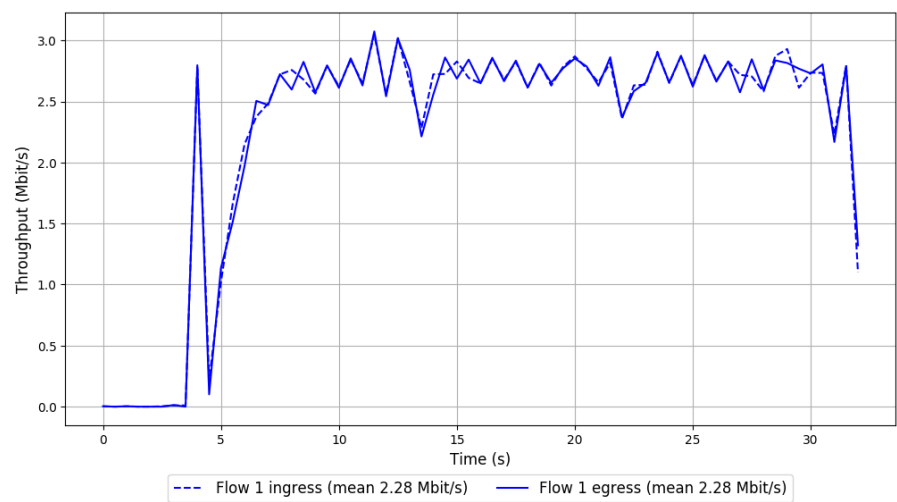


Run 6: Statistics of WebRTC media

Start at: 2017-09-18 03:30:43
End at: 2017-09-18 03:31:13
Local clock offset: -1.806 ms
Remote clock offset: -2.685 ms

Below is generated by plot.py at 2017-09-18 05:47:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.28 Mbit/s
95th percentile per-packet one-way delay: 47.487 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.28 Mbit/s
95th percentile per-packet one-way delay: 47.487 ms
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

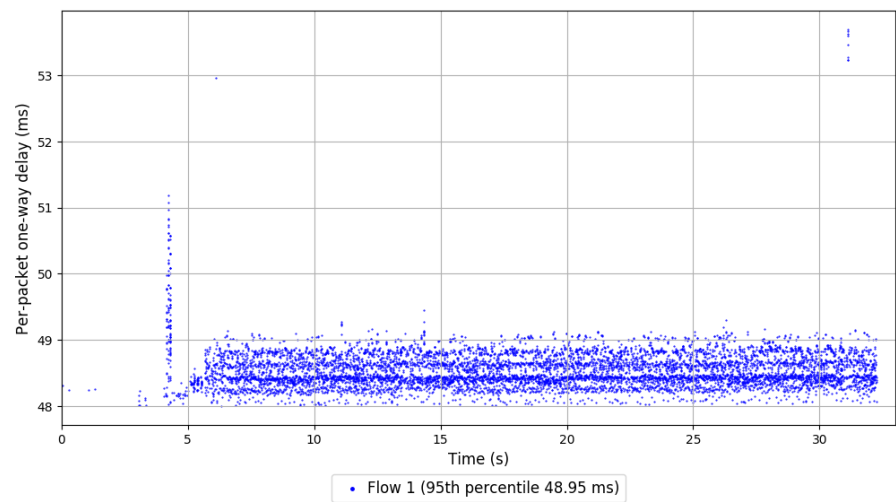
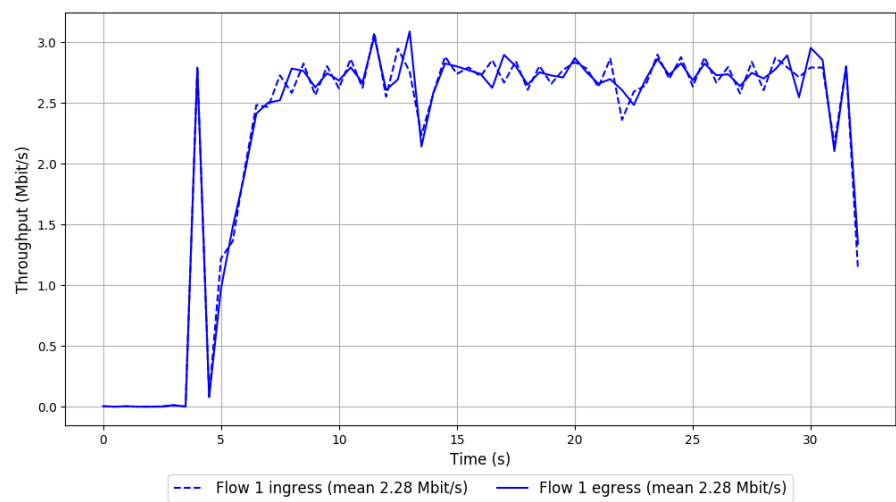


Run 7: Statistics of WebRTC media

Start at: 2017-09-18 03:51:41
End at: 2017-09-18 03:52:11
Local clock offset: -1.778 ms
Remote clock offset: -2.805 ms

Below is generated by plot.py at 2017-09-18 05:47:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.28 Mbit/s
95th percentile per-packet one-way delay: 48.951 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.28 Mbit/s
95th percentile per-packet one-way delay: 48.951 ms
Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

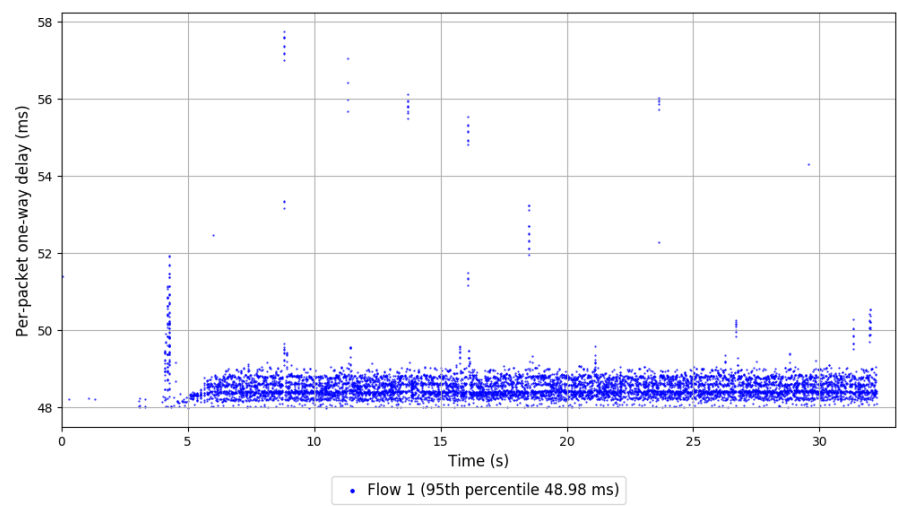
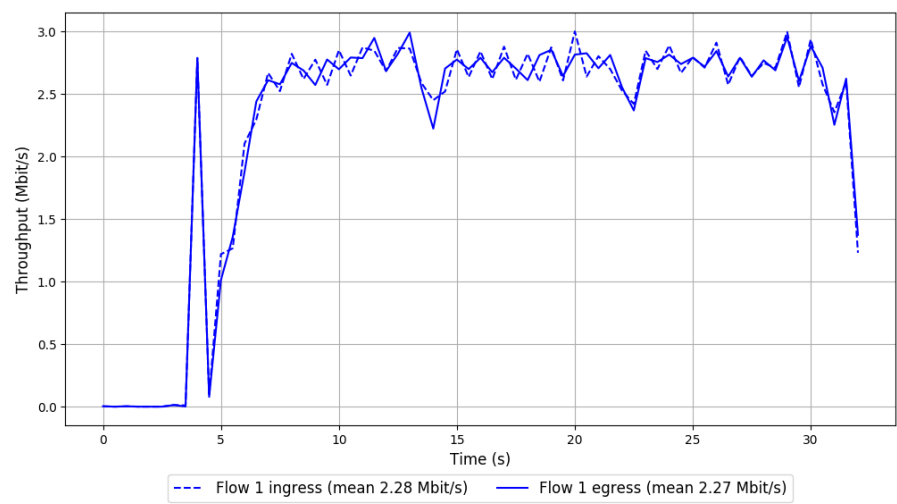


Run 8: Statistics of WebRTC media

Start at: 2017-09-18 04:12:51
End at: 2017-09-18 04:13:21
Local clock offset: -0.859 ms
Remote clock offset: -3.092 ms

Below is generated by plot.py at 2017-09-18 05:47:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 48.983 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 48.983 ms
Loss rate: 0.05%

Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

Start at: 2017-09-18 04:34:11

End at: 2017-09-18 04:34:41

Local clock offset: -0.034 ms

Remote clock offset: -0.59 ms

Below is generated by plot.py at 2017-09-18 05:47:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 51.712 ms

Loss rate: 0.00%

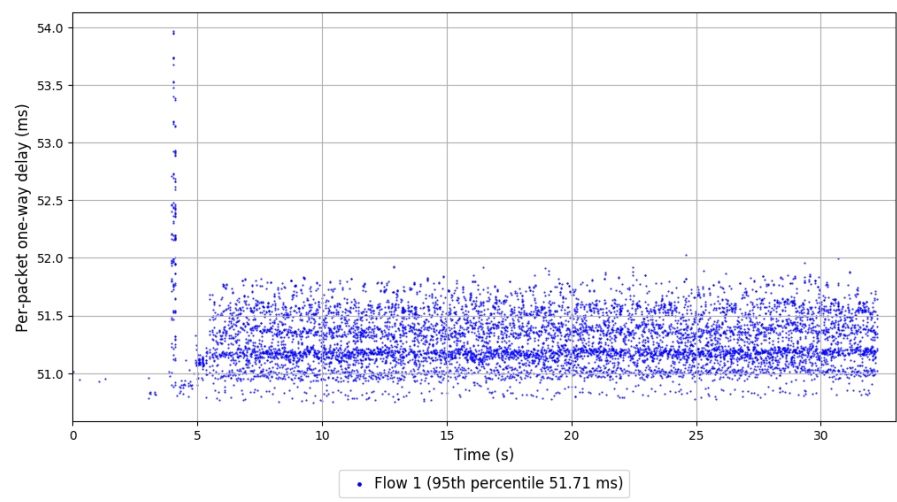
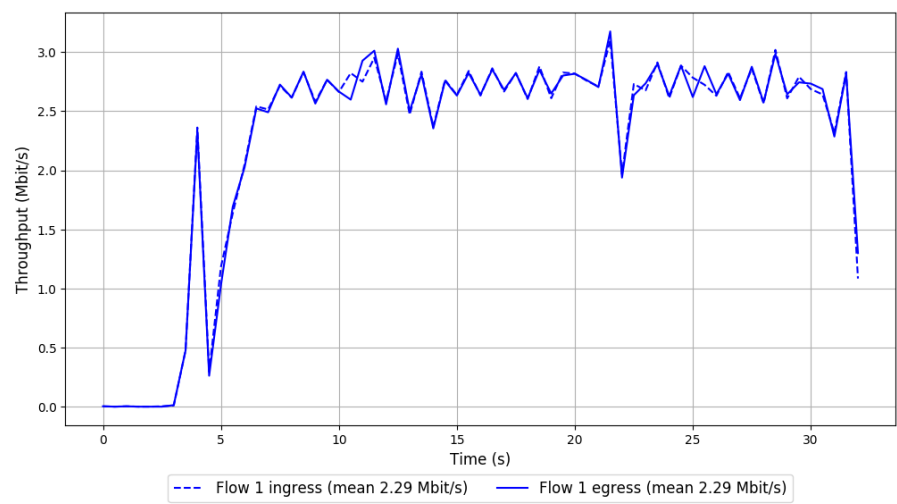
-- Flow 1:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 51.712 ms

Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2017-09-18 04:55:51
End at: 2017-09-18 04:56:21
Local clock offset: 0.617 ms
Remote clock offset: -1.078 ms

Below is generated by plot.py at 2017-09-18 05:47:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.68 Mbit/s
95th percentile per-packet one-way delay: 51.362 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 2.68 Mbit/s
95th percentile per-packet one-way delay: 51.362 ms
Loss rate: 0.11%

Run 10: Report of WebRTC media — Data Link

