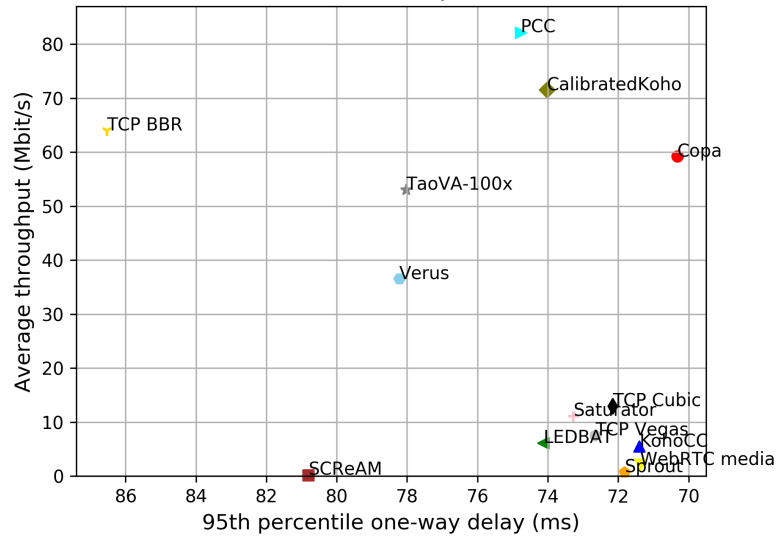


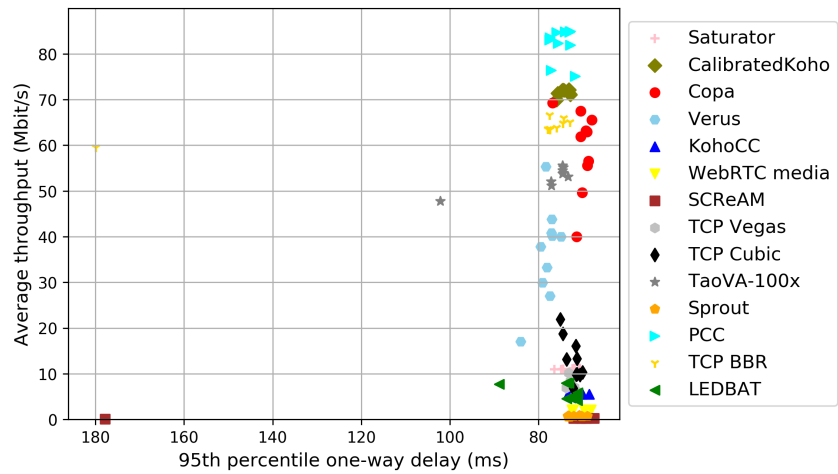
Pantheon Summary (Generated at Mon, 17 Jul 2017 01:33:26 +0000 with pantheon version d7b3554d9e52d3442ab19bc1e1c71f4629d4a0ac)
Repeated the test of 15 congestion control schemes 10 times.
Each test lasted for 30 seconds running 1 flow.
Data path: AWS Korea Ethernet (*local*) → China Ethernet (*remote*).
NTP offset measured against ntp.nict.jp and has been applied to correct the timestamps in logs.

```
git branch: master @ d7b3554d9e52d3442ab19bc1e1c71f4629d4a0ac
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/genericCC @ dae96123232f1bcb37725348fa2378691ce26725
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-stimuli @ fc73a85ca16c34366d1888dc8a0d0d88d4ebf2a7
third_party/pantheon-tunnel @ baf443516dea3eeddeccaf9b916cc313273ca4f4
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaeab30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

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



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



scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	64.00	86.53	4.66
CalibratedKoho	10	71.56	74.02	4.19
Copa	10	59.21	70.32	0.14
TCP Cubic	10	12.99	72.16	0.77
KohoCC	10	5.50	71.40	0.02
LEDBAT	10	6.12	74.13	0.19
PCC	10	82.17	74.77	2.01
QUIC Cubic	10	nan	nan	nan
Saturator	10	11.10	73.28	0.50
SCReAM	10	0.21	80.81	0.05
Sprout	10	0.72	71.82	0.00
TaoVA-100x	10	53.01	78.02	6.17
TCP Vegas	10	7.58	72.65	0.58
Verus	10	36.53	78.23	69.85
WebRTC media	10	2.13	71.38	0.00

Run 1: Statistics of TCP BBR

Start at: Sun, 16 Jul 2017 19:14:16 +0000

End at: Sun, 16 Jul 2017 19:14:46 +0000

Local clock offset: 0.794 ms

Remote clock offset: 0.132 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:26:43 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 63.54 Mbit/s

95th percentile per-packet one-way delay: 77.943 ms

Loss rate: 4.96%

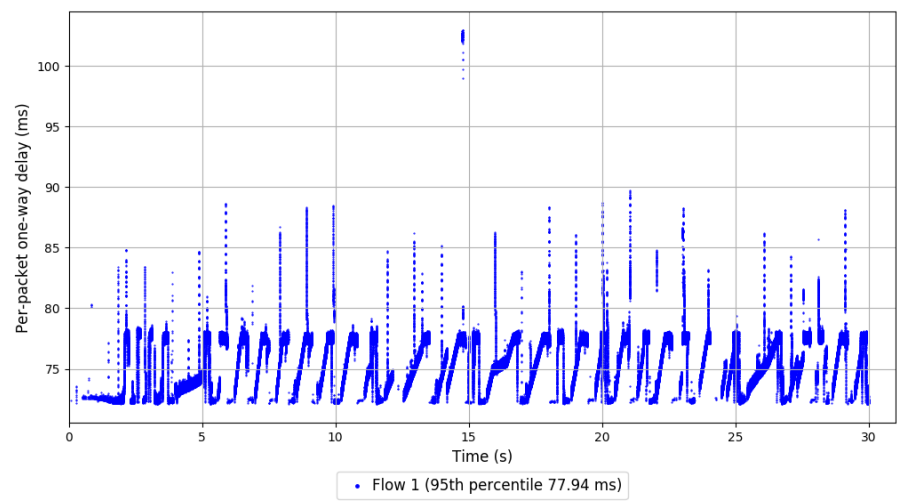
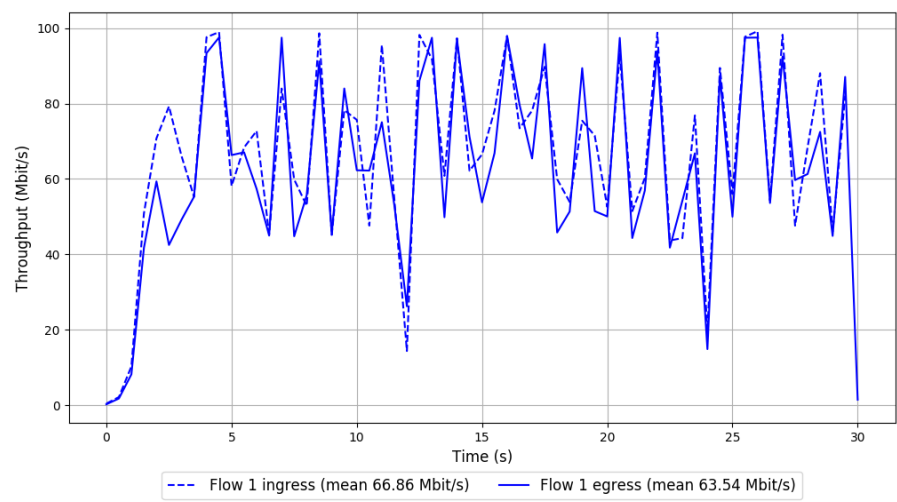
-- Flow 1:

Average throughput: 63.54 Mbit/s

95th percentile per-packet one-way delay: 77.943 ms

Loss rate: 4.96%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: Sun, 16 Jul 2017 19:32:29 +0000

End at: Sun, 16 Jul 2017 19:32:59 +0000

Local clock offset: 0.907 ms

Remote clock offset: 0.519 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:26:44 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 64.83 Mbit/s

95th percentile per-packet one-way delay: 74.457 ms

Loss rate: 5.70%

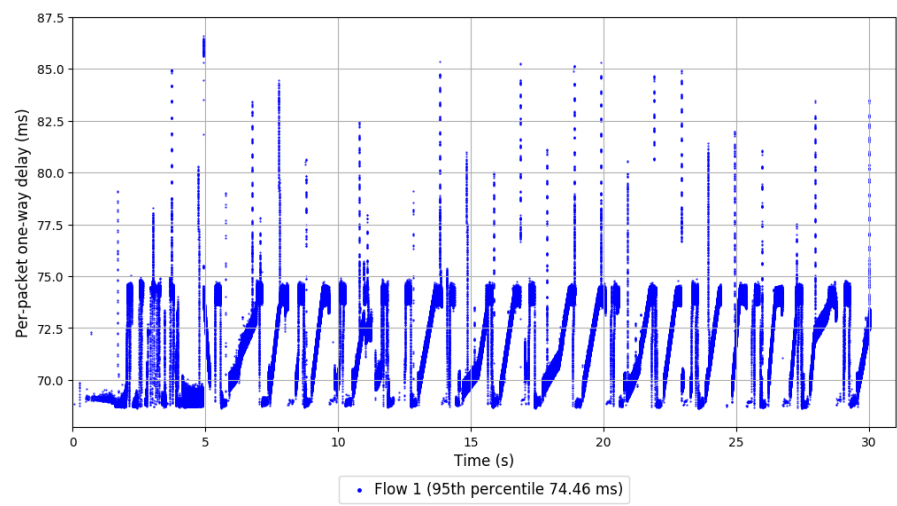
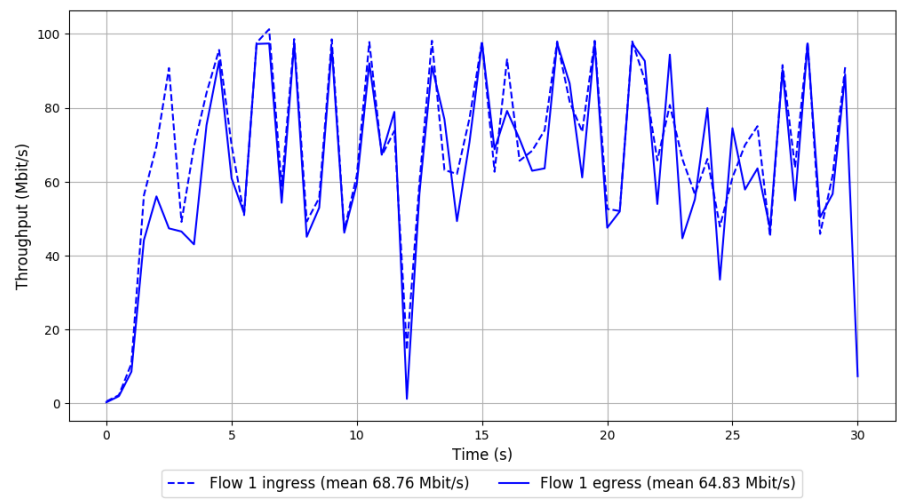
-- Flow 1:

Average throughput: 64.83 Mbit/s

95th percentile per-packet one-way delay: 74.457 ms

Loss rate: 5.70%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: Sun, 16 Jul 2017 19:50:43 +0000

End at: Sun, 16 Jul 2017 19:51:13 +0000

Local clock offset: -0.013 ms

Remote clock offset: 0.824 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:26:53 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 66.63 Mbit/s

95th percentile per-packet one-way delay: 77.491 ms

Loss rate: 3.79%

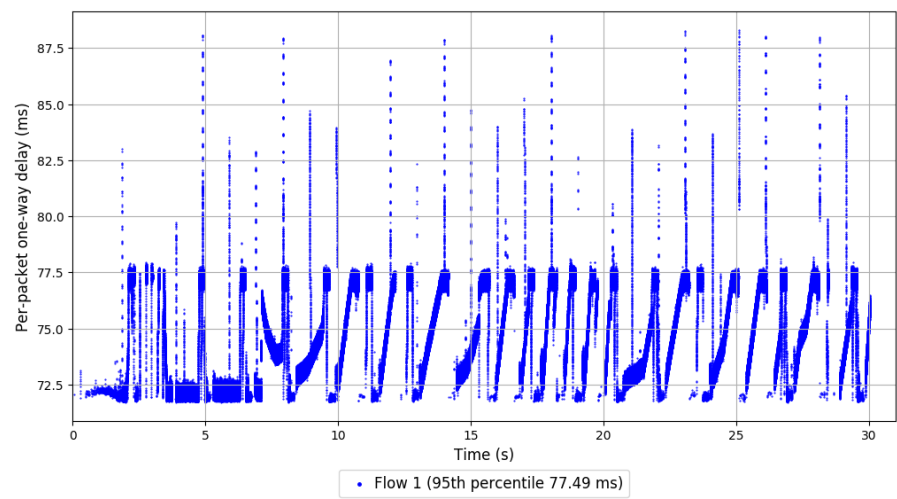
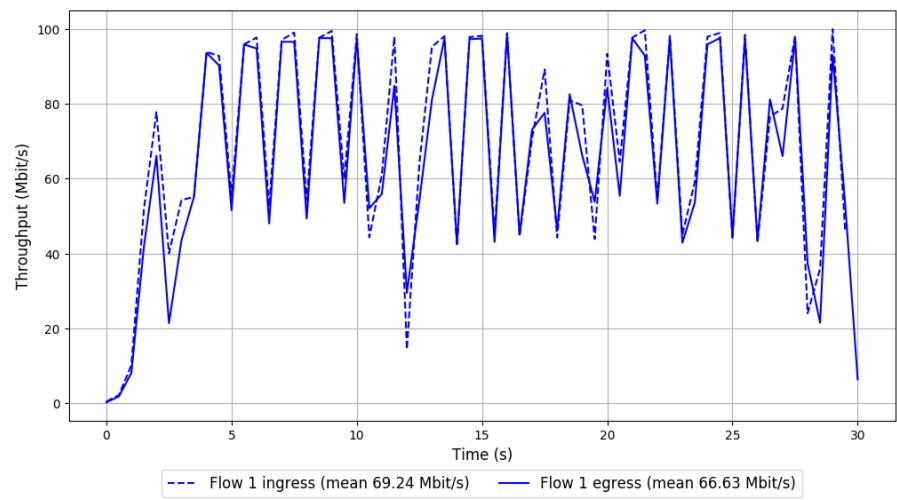
-- Flow 1:

Average throughput: 66.63 Mbit/s

95th percentile per-packet one-way delay: 77.491 ms

Loss rate: 3.79%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: Sun, 16 Jul 2017 20:08:56 +0000

End at: Sun, 16 Jul 2017 20:09:26 +0000

Local clock offset: 1.255 ms

Remote clock offset: 0.961 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:26:53 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 63.87 Mbit/s

95th percentile per-packet one-way delay: 75.876 ms

Loss rate: 4.93%

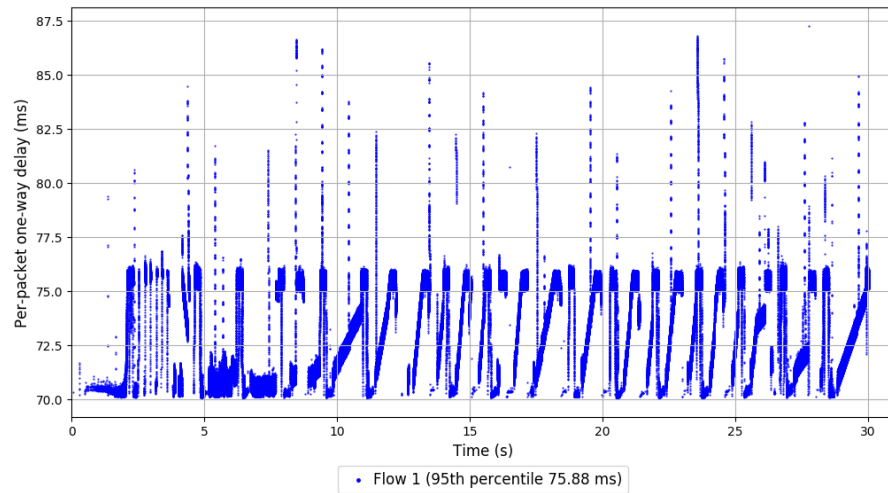
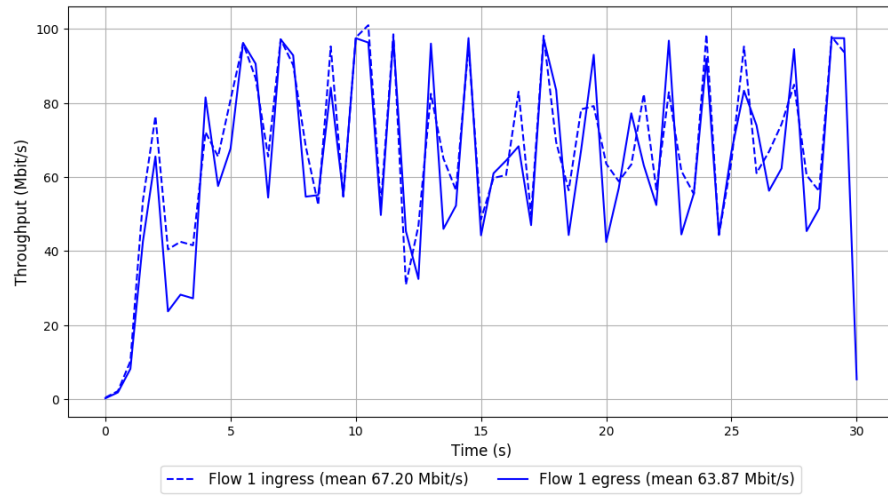
-- Flow 1:

Average throughput: 63.87 Mbit/s

95th percentile per-packet one-way delay: 75.876 ms

Loss rate: 4.93%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: Sun, 16 Jul 2017 20:27:08 +0000

End at: Sun, 16 Jul 2017 20:27:38 +0000

Local clock offset: -0.738 ms

Remote clock offset: 1.062 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:27:02 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 63.53 Mbit/s

95th percentile per-packet one-way delay: 77.601 ms

Loss rate: 4.33%

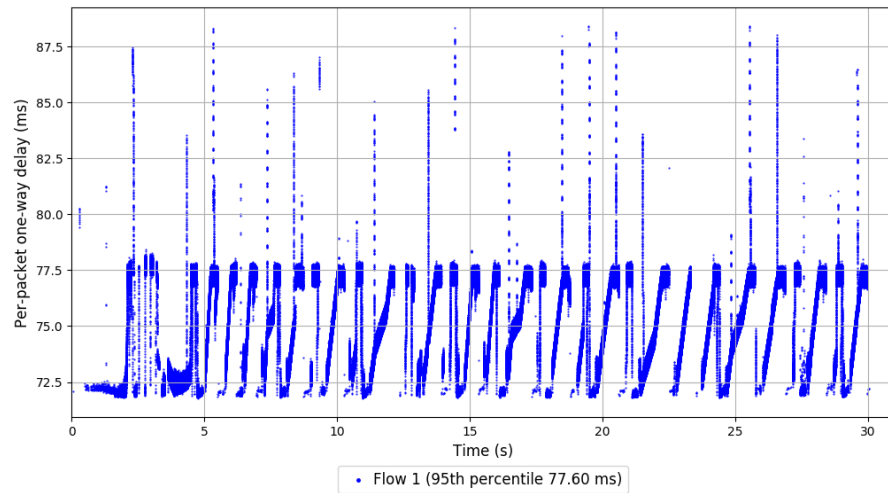
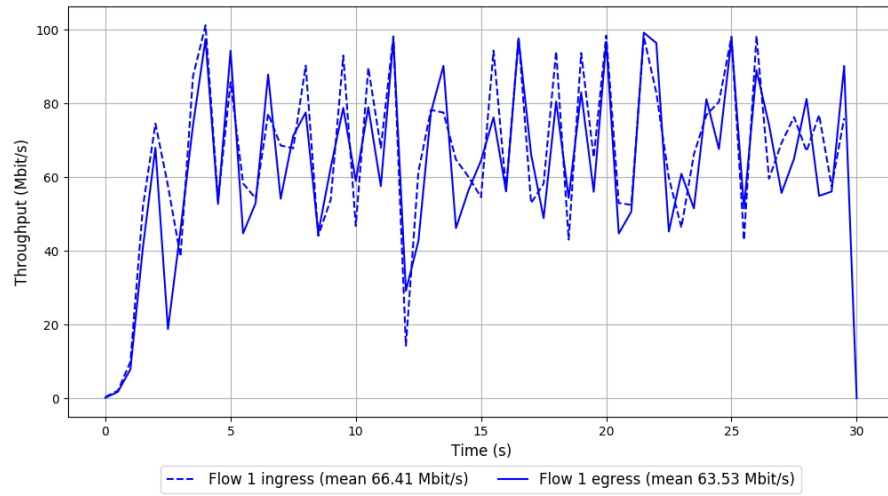
-- Flow 1:

Average throughput: 63.53 Mbit/s

95th percentile per-packet one-way delay: 77.601 ms

Loss rate: 4.33%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: Sun, 16 Jul 2017 20:45:19 +0000

End at: Sun, 16 Jul 2017 20:45:49 +0000

Local clock offset: -0.978 ms

Remote clock offset: 1.004 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:27:02 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 59.53 Mbit/s

95th percentile per-packet one-way delay: 179.907 ms

Loss rate: 4.44%

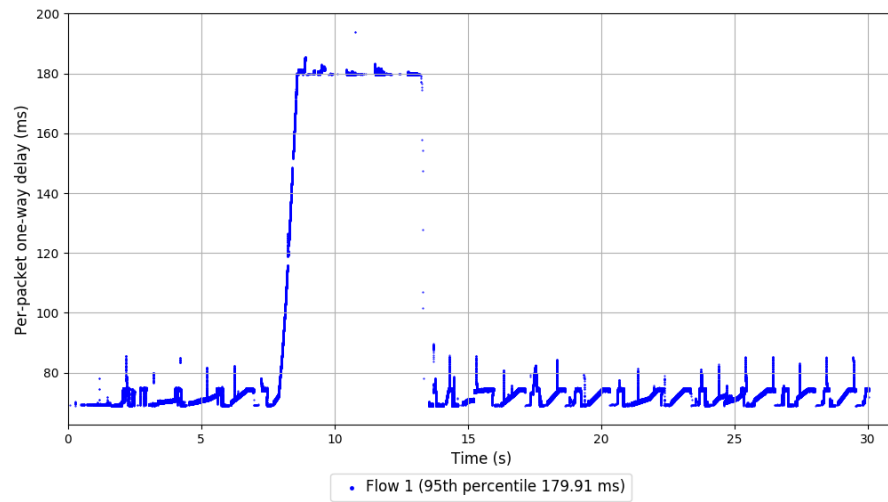
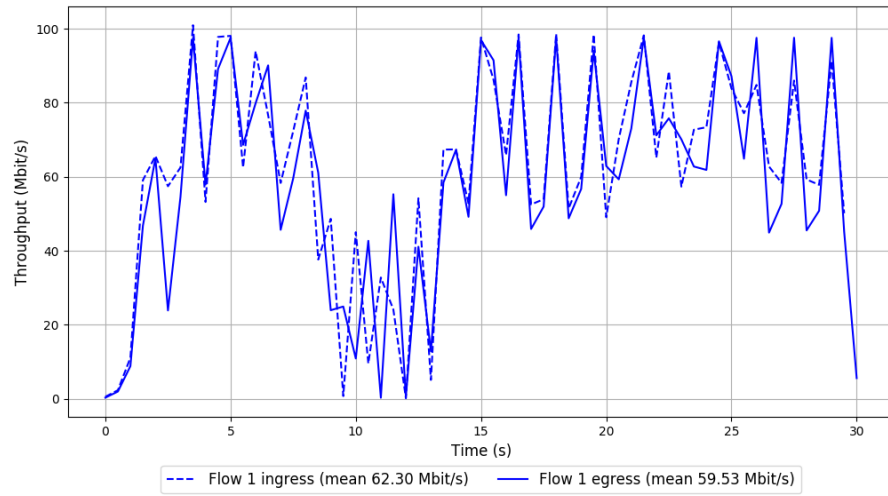
-- Flow 1:

Average throughput: 59.53 Mbit/s

95th percentile per-packet one-way delay: 179.907 ms

Loss rate: 4.44%

Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

Start at: Sun, 16 Jul 2017 21:03:33 +0000

End at: Sun, 16 Jul 2017 21:04:03 +0000

Local clock offset: -0.911 ms

Remote clock offset: 0.729 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:27:11 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 63.57 Mbit/s

95th percentile per-packet one-way delay: 77.400 ms

Loss rate: 4.70%

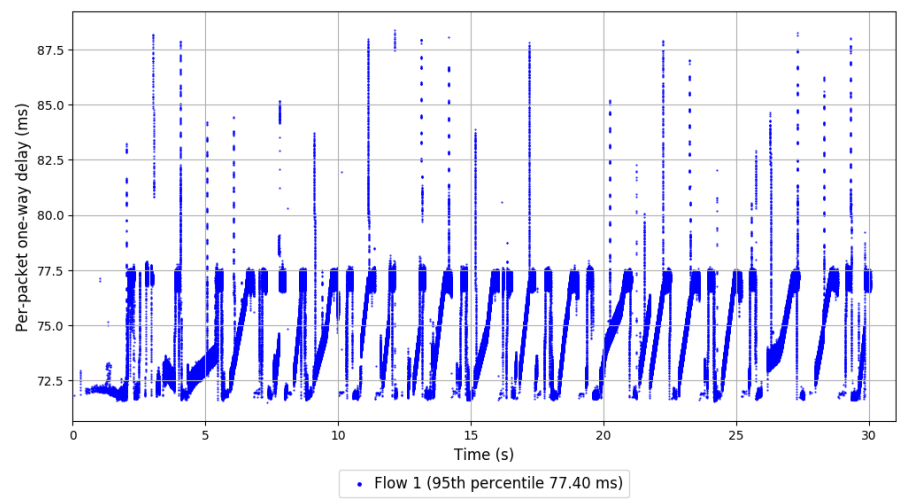
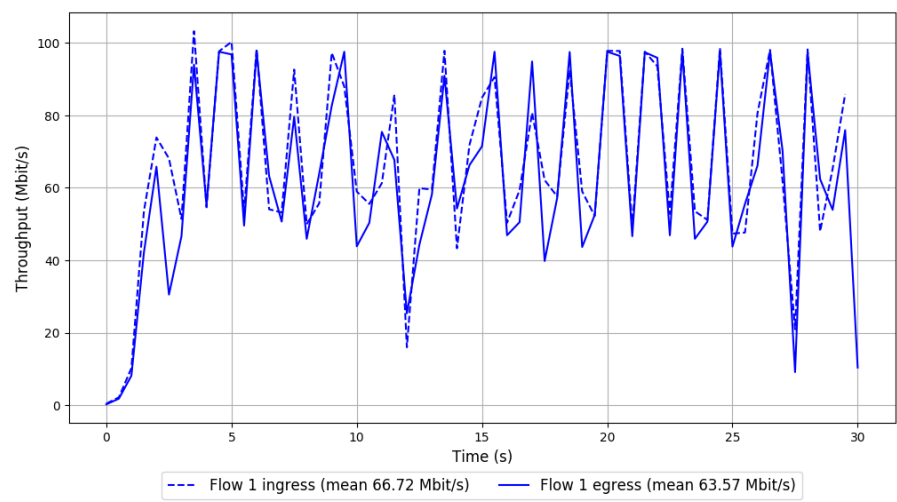
-- Flow 1:

Average throughput: 63.57 Mbit/s

95th percentile per-packet one-way delay: 77.400 ms

Loss rate: 4.70%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: Sun, 16 Jul 2017 21:21:42 +0000

End at: Sun, 16 Jul 2017 21:22:12 +0000

Local clock offset: -0.886 ms

Remote clock offset: 0.577 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:27:11 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 65.95 Mbit/s

95th percentile per-packet one-way delay: 74.321 ms

Loss rate: 4.57%

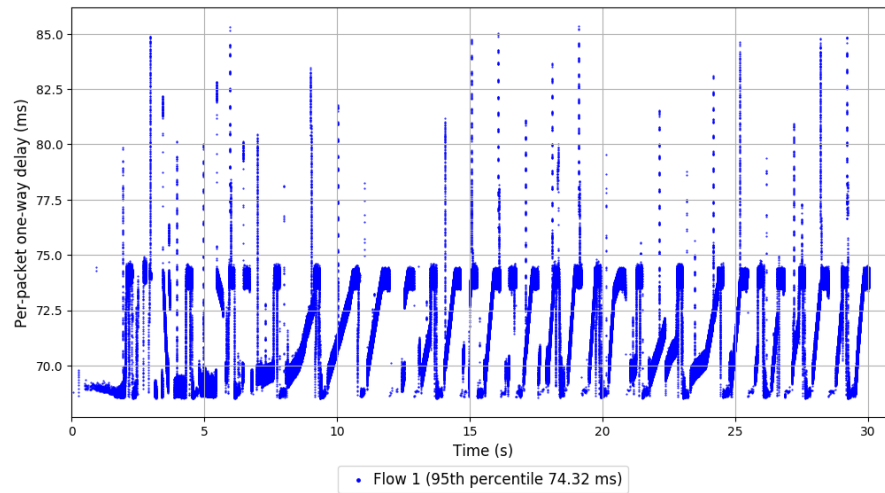
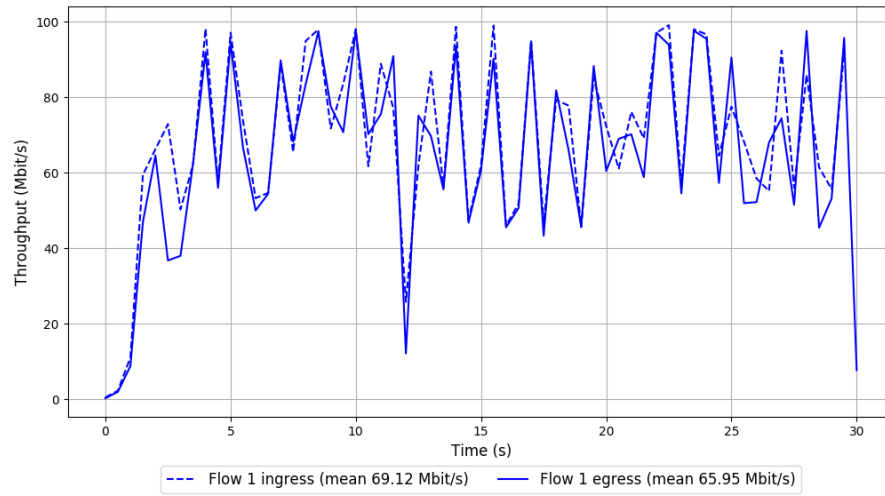
-- Flow 1:

Average throughput: 65.95 Mbit/s

95th percentile per-packet one-way delay: 74.321 ms

Loss rate: 4.57%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: Sun, 16 Jul 2017 21:39:46 +0000

End at: Sun, 16 Jul 2017 21:40:16 +0000

Local clock offset: 0.412 ms

Remote clock offset: 0.234 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:27:20 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 65.08 Mbit/s

95th percentile per-packet one-way delay: 72.924 ms

Loss rate: 4.67%

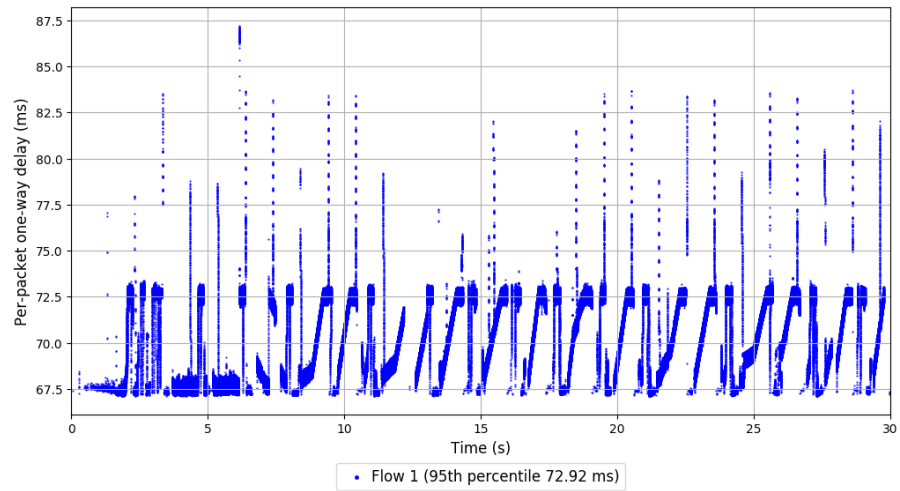
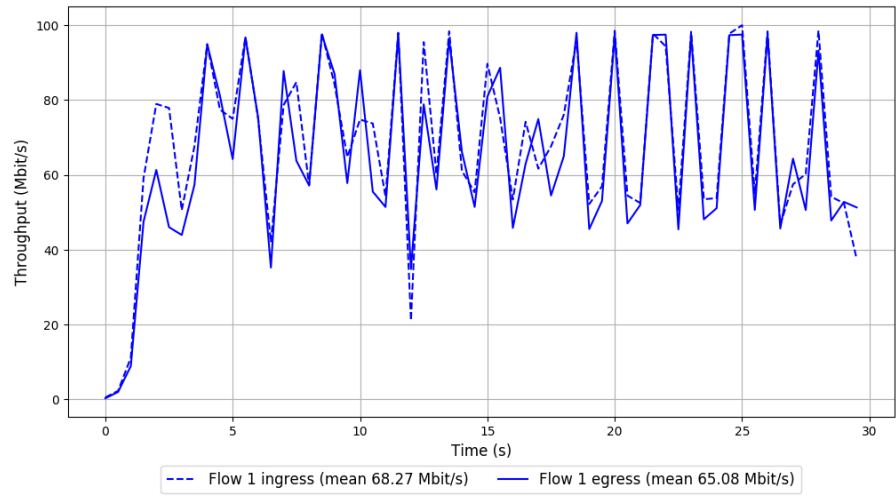
-- Flow 1:

Average throughput: 65.08 Mbit/s

95th percentile per-packet one-way delay: 72.924 ms

Loss rate: 4.67%

Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

Start at: Sun, 16 Jul 2017 21:57:59 +0000

End at: Sun, 16 Jul 2017 21:58:29 +0000

Local clock offset: -0.776 ms

Remote clock offset: -0.004 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:27:20 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 63.48 Mbit/s

95th percentile per-packet one-way delay: 77.402 ms

Loss rate: 4.54%

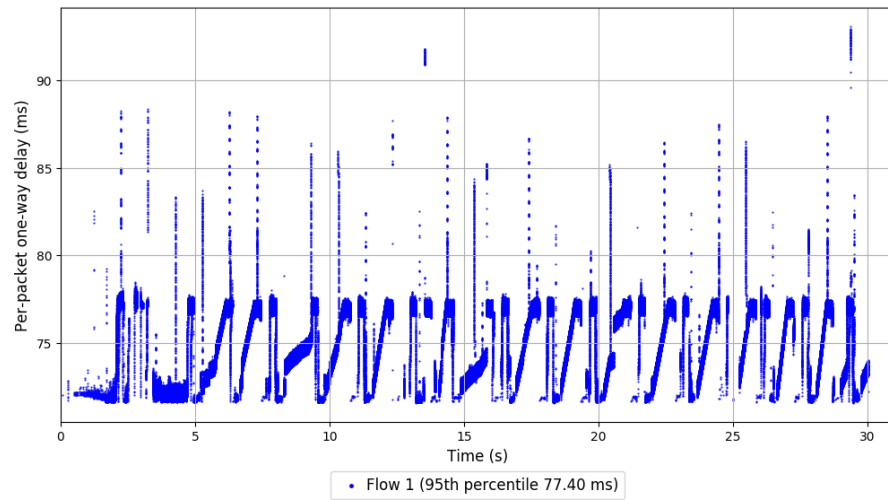
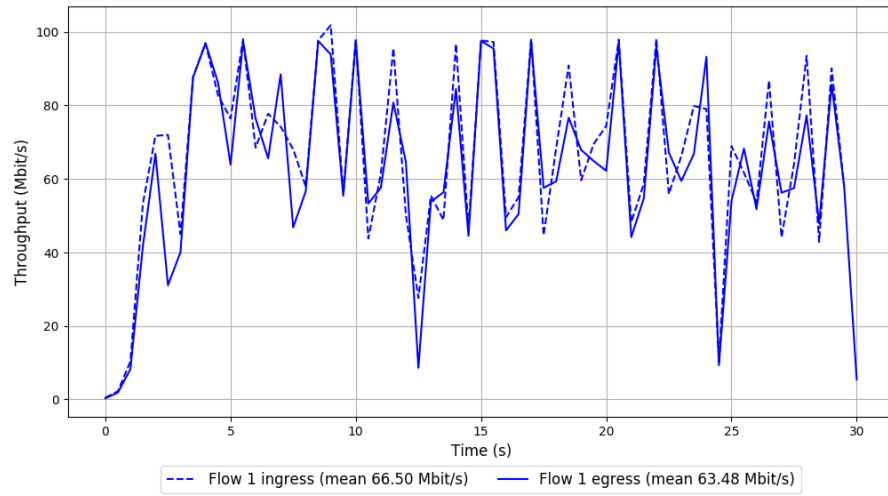
-- Flow 1:

Average throughput: 63.48 Mbit/s

95th percentile per-packet one-way delay: 77.402 ms

Loss rate: 4.54%

Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of CalibratedKoho

Start at: Sun, 16 Jul 2017 19:19:10 +0000

End at: Sun, 16 Jul 2017 19:19:40 +0000

Local clock offset: 2.807 ms

Remote clock offset: 0.246 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:27:30 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 71.09 Mbit/s

95th percentile per-packet one-way delay: 72.847 ms

Loss rate: 4.49%

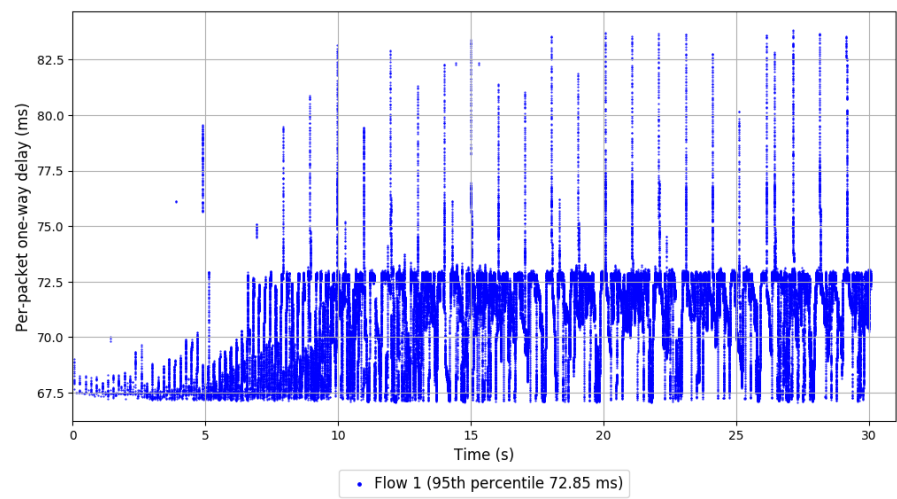
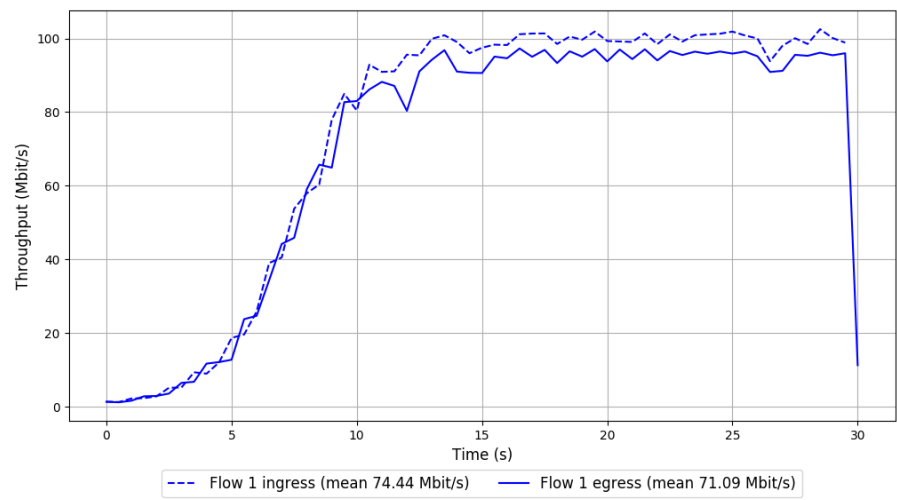
-- Flow 1:

Average throughput: 71.09 Mbit/s

95th percentile per-packet one-way delay: 72.847 ms

Loss rate: 4.49%

Run 1: Report of CalibratedKoho — Data Link



Run 2: Statistics of CalibratedKoho

Start at: Sun, 16 Jul 2017 19:37:23 +0000

End at: Sun, 16 Jul 2017 19:37:53 +0000

Local clock offset: 2.092 ms

Remote clock offset: 0.606 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:27:30 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 72.10 Mbit/s

95th percentile per-packet one-way delay: 73.056 ms

Loss rate: 3.84%

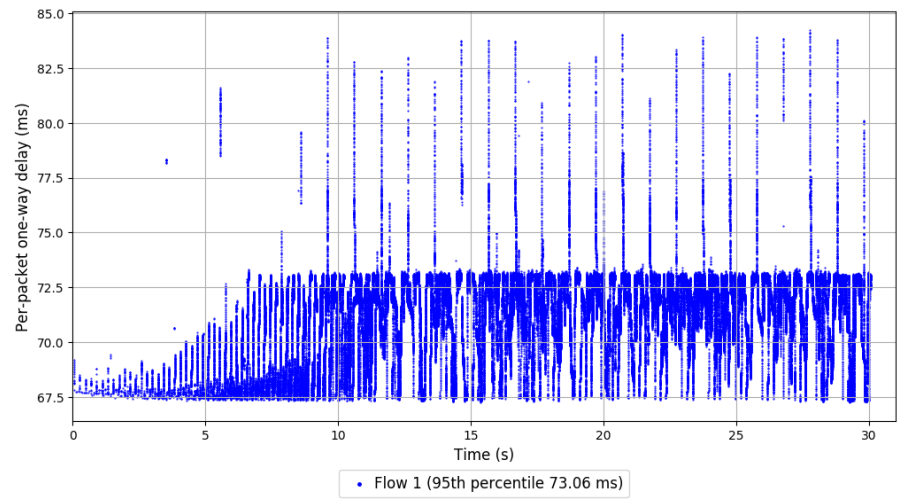
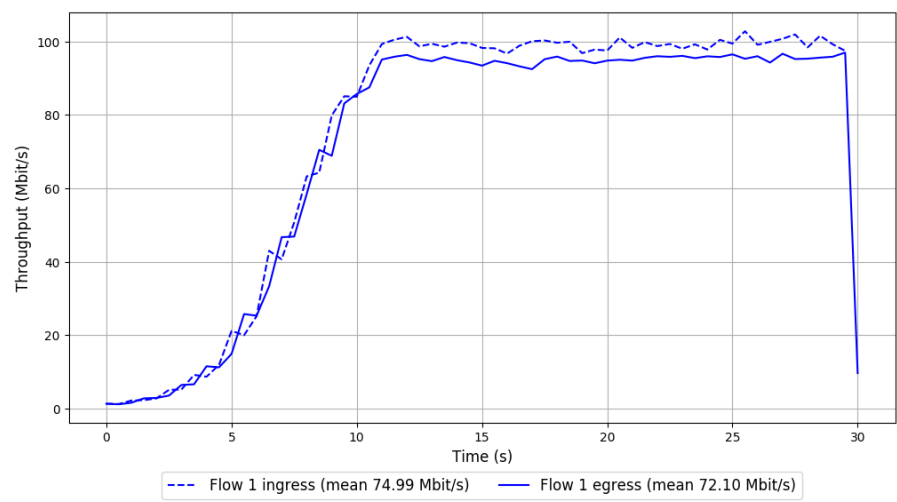
-- Flow 1:

Average throughput: 72.10 Mbit/s

95th percentile per-packet one-way delay: 73.056 ms

Loss rate: 3.84%

Run 2: Report of CalibratedKoho — Data Link



Run 3: Statistics of CalibratedKoho

Start at: Sun, 16 Jul 2017 19:55:37 +0000

End at: Sun, 16 Jul 2017 19:56:07 +0000

Local clock offset: 1.48 ms

Remote clock offset: 0.878 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:27:40 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 69.95 Mbit/s

95th percentile per-packet one-way delay: 75.920 ms

Loss rate: 3.90%

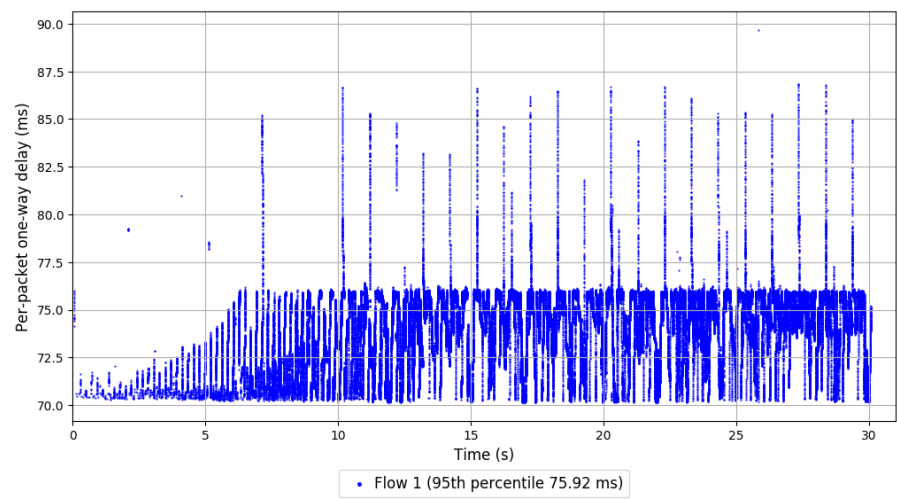
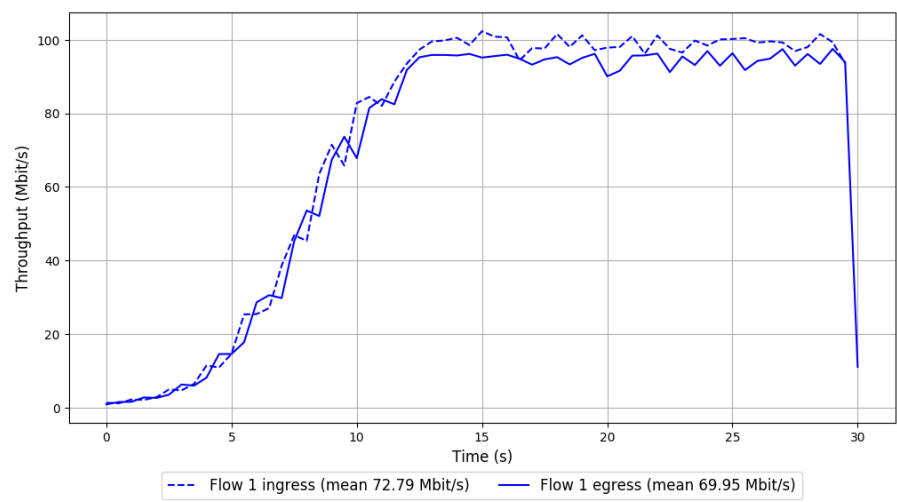
-- Flow 1:

Average throughput: 69.95 Mbit/s

95th percentile per-packet one-way delay: 75.920 ms

Loss rate: 3.90%

Run 3: Report of CalibratedKoho — Data Link



Run 4: Statistics of CalibratedKoho

Start at: Sun, 16 Jul 2017 20:13:51 +0000

End at: Sun, 16 Jul 2017 20:14:21 +0000

Local clock offset: 1.118 ms

Remote clock offset: 0.957 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:27:40 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 71.23 Mbit/s

95th percentile per-packet one-way delay: 72.896 ms

Loss rate: 4.29%

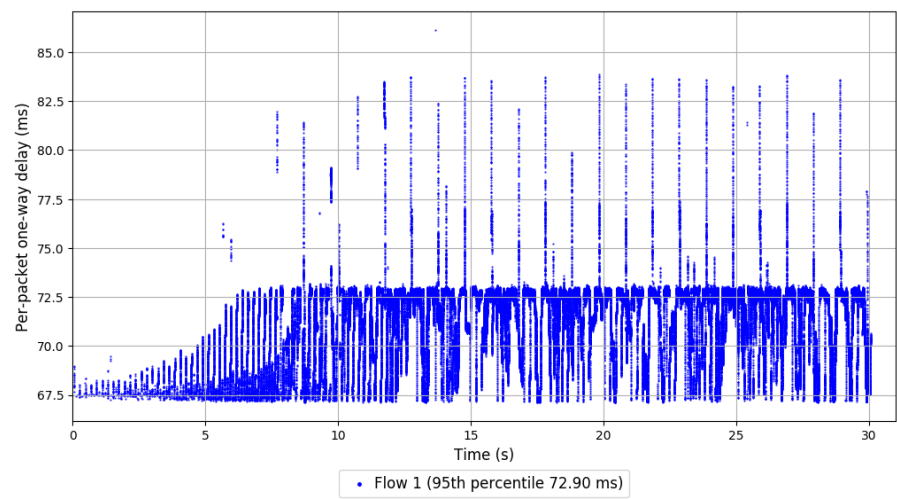
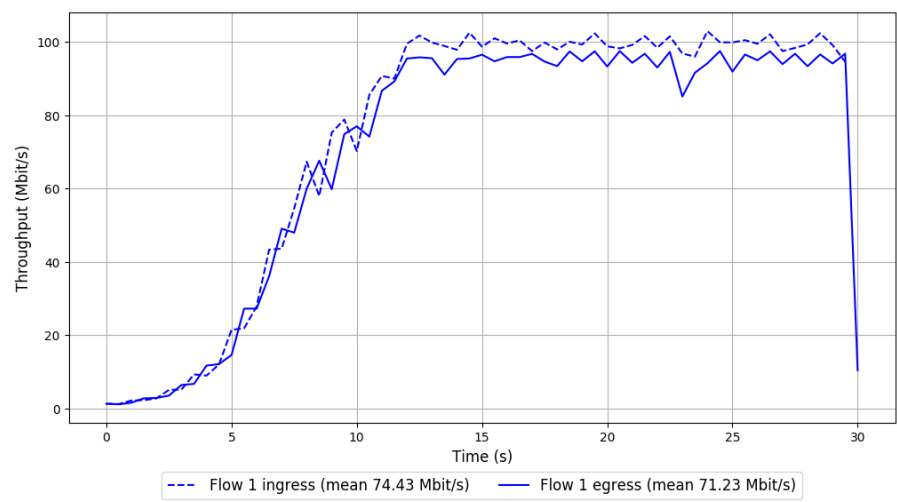
-- Flow 1:

Average throughput: 71.23 Mbit/s

95th percentile per-packet one-way delay: 72.896 ms

Loss rate: 4.29%

Run 4: Report of CalibratedKoho — Data Link



Run 5: Statistics of CalibratedKoho

Start at: Sun, 16 Jul 2017 20:32:01 +0000

End at: Sun, 16 Jul 2017 20:32:31 +0000

Local clock offset: -0.838 ms

Remote clock offset: 1.026 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:27:50 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 72.00 Mbit/s

95th percentile per-packet one-way delay: 74.676 ms

Loss rate: 4.04%

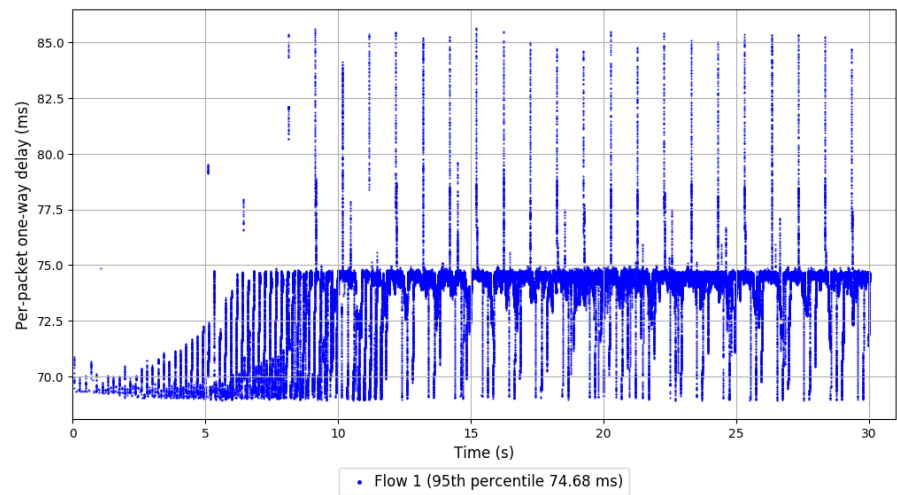
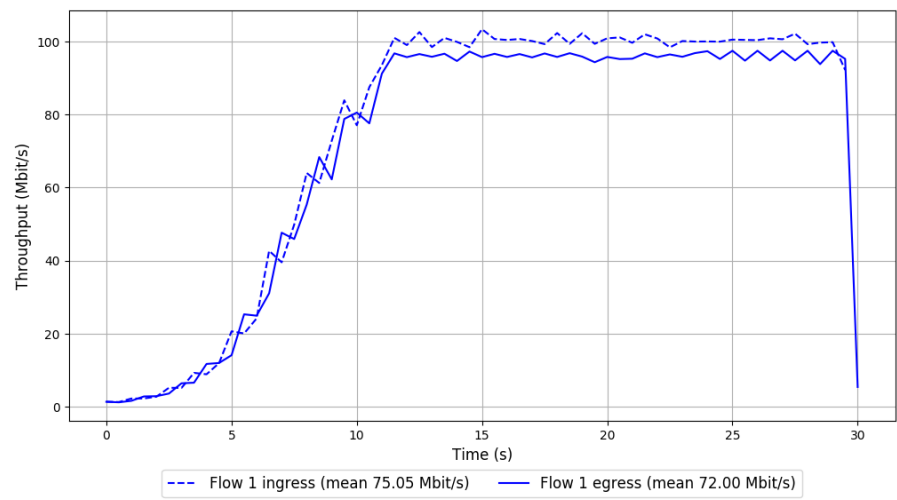
-- Flow 1:

Average throughput: 72.00 Mbit/s

95th percentile per-packet one-way delay: 74.676 ms

Loss rate: 4.04%

Run 5: Report of CalibratedKoho — Data Link



Run 6: Statistics of CalibratedKoho

Start at: Sun, 16 Jul 2017 20:50:12 +0000

End at: Sun, 16 Jul 2017 20:50:42 +0000

Local clock offset: -0.921 ms

Remote clock offset: 0.932 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:27:50 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 72.01 Mbit/s

95th percentile per-packet one-way delay: 74.267 ms

Loss rate: 3.99%

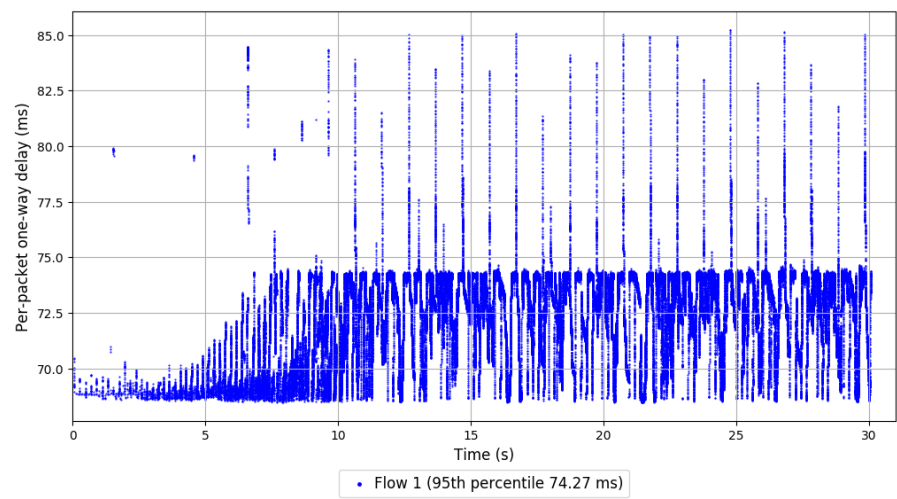
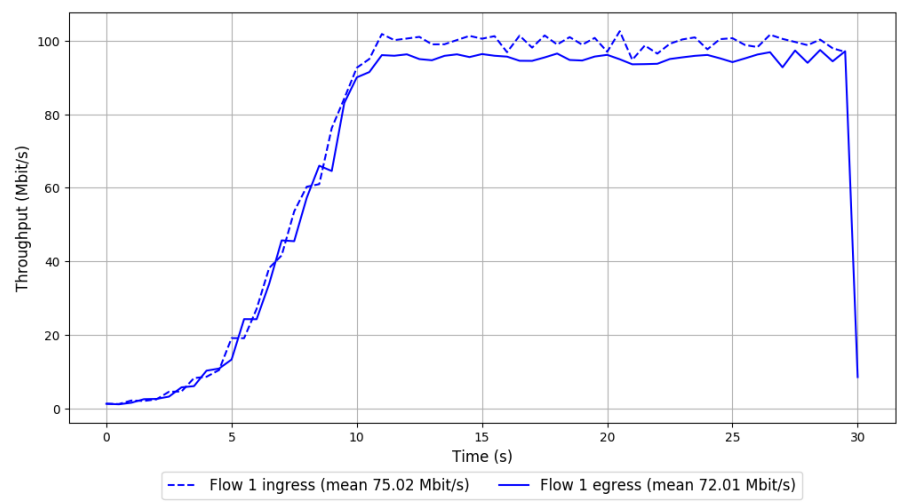
-- Flow 1:

Average throughput: 72.01 Mbit/s

95th percentile per-packet one-way delay: 74.267 ms

Loss rate: 3.99%

Run 6: Report of CalibratedKoho — Data Link



Run 7: Statistics of CalibratedKoho

Start at: Sun, 16 Jul 2017 21:08:26 +0000

End at: Sun, 16 Jul 2017 21:08:56 +0000

Local clock offset: 0.514 ms

Remote clock offset: 0.742 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:28:00 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 71.38 Mbit/s

95th percentile per-packet one-way delay: 75.671 ms

Loss rate: 4.07%

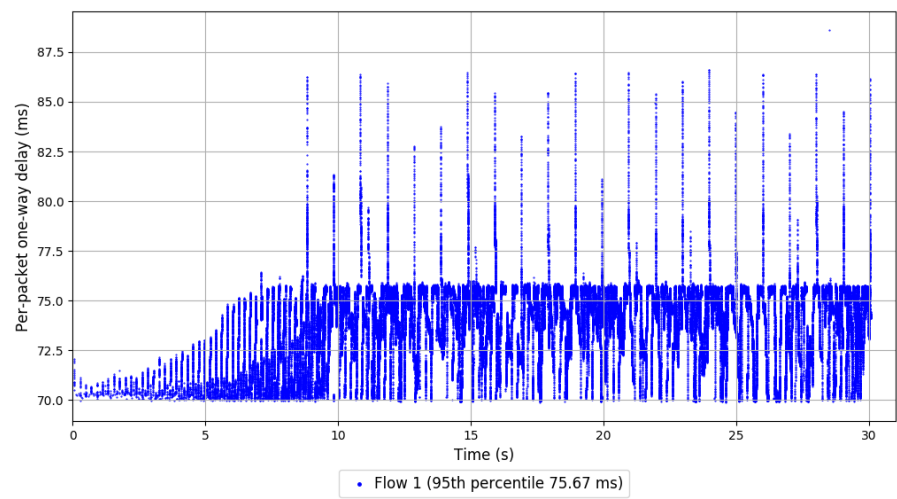
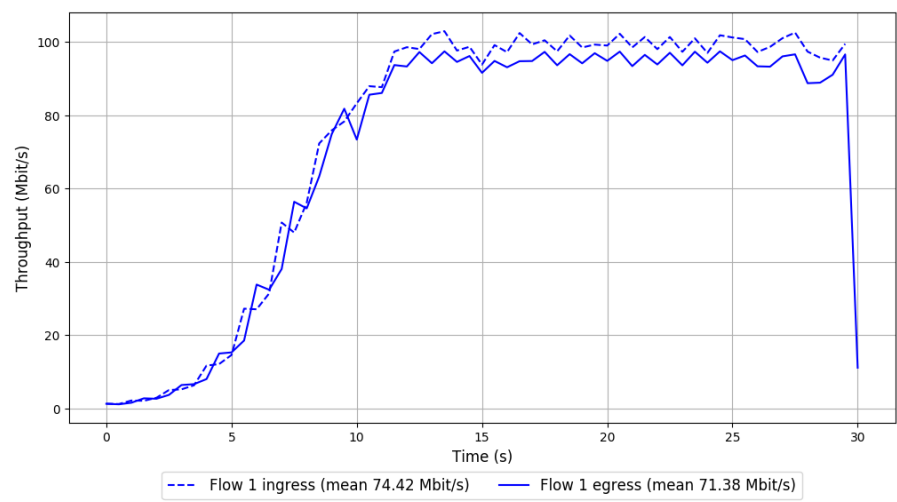
-- Flow 1:

Average throughput: 71.38 Mbit/s

95th percentile per-packet one-way delay: 75.671 ms

Loss rate: 4.07%

Run 7: Report of CalibratedKoho — Data Link



Run 8: Statistics of CalibratedKoho

Start at: Sun, 16 Jul 2017 21:26:32 +0000

End at: Sun, 16 Jul 2017 21:27:02 +0000

Local clock offset: 0.505 ms

Remote clock offset: 0.491 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:28:00 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 72.23 Mbit/s

95th percentile per-packet one-way delay: 73.136 ms

Loss rate: 4.44%

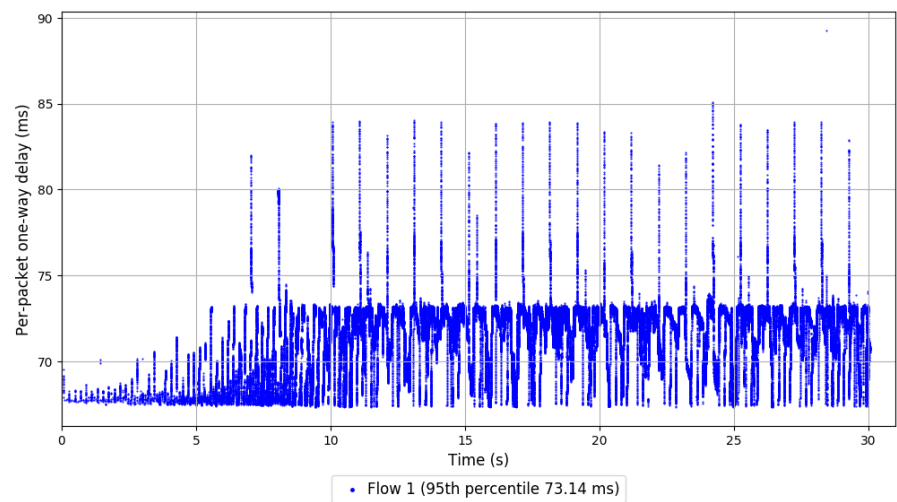
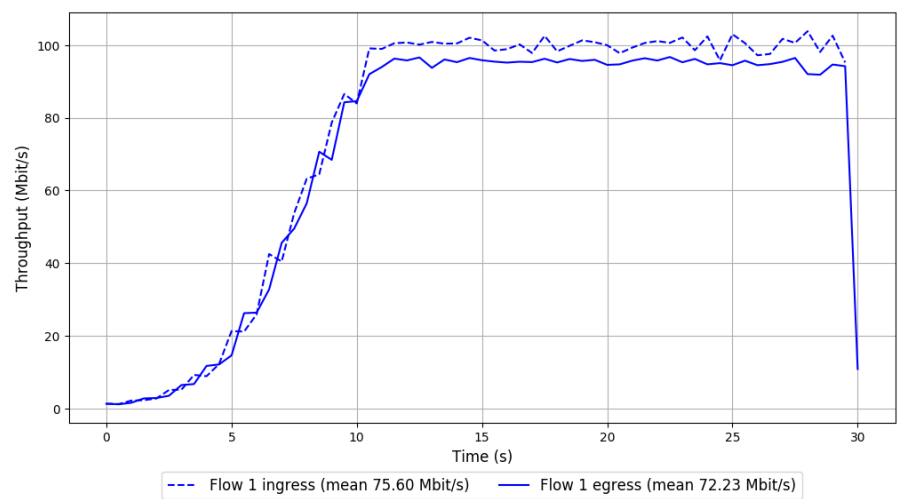
-- Flow 1:

Average throughput: 72.23 Mbit/s

95th percentile per-packet one-way delay: 73.136 ms

Loss rate: 4.44%

Run 8: Report of CalibratedKoho — Data Link



Run 9: Statistics of CalibratedKoho

Start at: Sun, 16 Jul 2017 21:44:38 +0000

End at: Sun, 16 Jul 2017 21:45:08 +0000

Local clock offset: 0.326 ms

Remote clock offset: 0.114 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:28:10 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 71.52 Mbit/s

95th percentile per-packet one-way delay: 73.244 ms

Loss rate: 4.11%

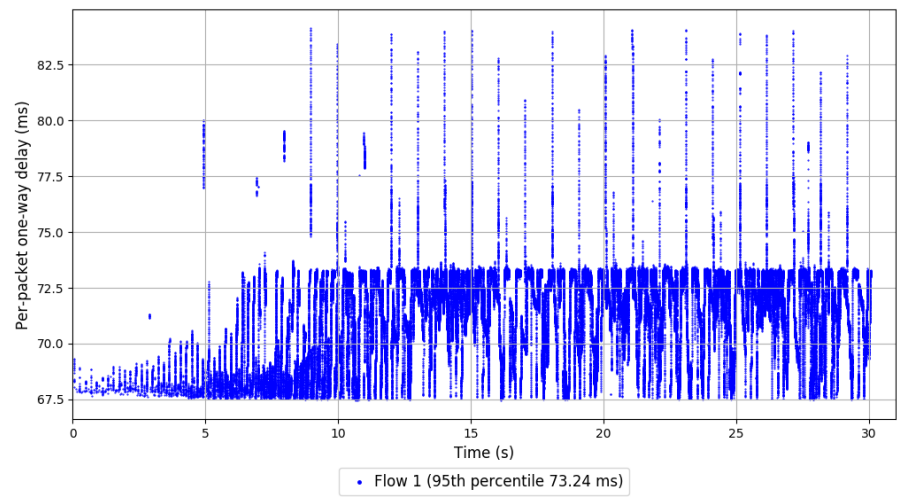
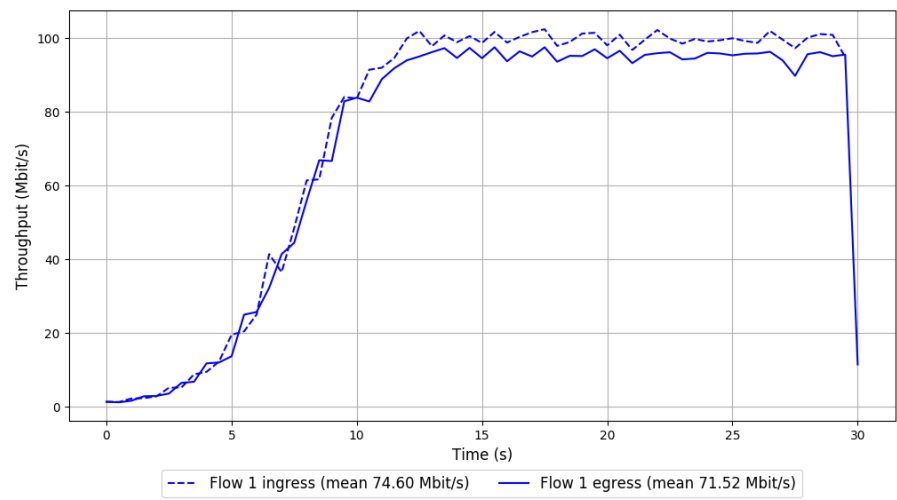
-- Flow 1:

Average throughput: 71.52 Mbit/s

95th percentile per-packet one-way delay: 73.244 ms

Loss rate: 4.11%

Run 9: Report of CalibratedKoho — Data Link



Run 10: Statistics of CalibratedKoho

Start at: Sun, 16 Jul 2017 22:02:52 +0000

End at: Sun, 16 Jul 2017 22:03:22 +0000

Local clock offset: -0.653 ms

Remote clock offset: -0.049 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:28:10 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 72.13 Mbit/s

95th percentile per-packet one-way delay: 74.517 ms

Loss rate: 4.72%

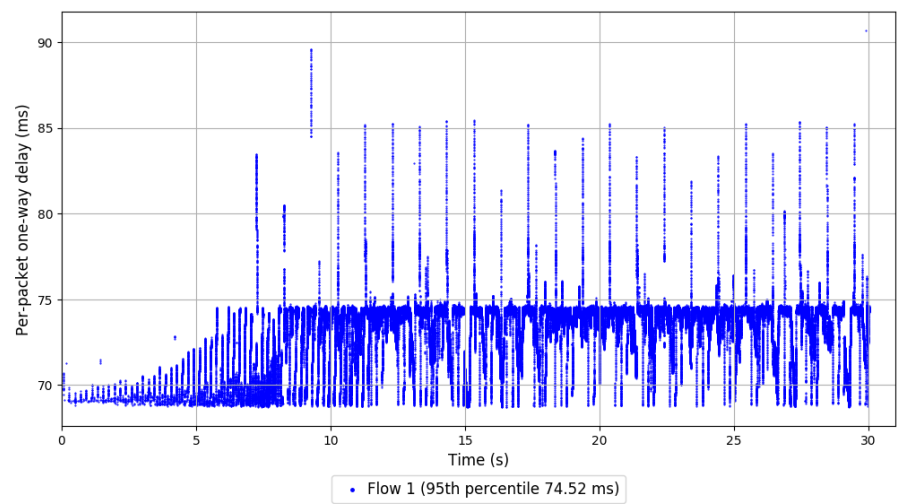
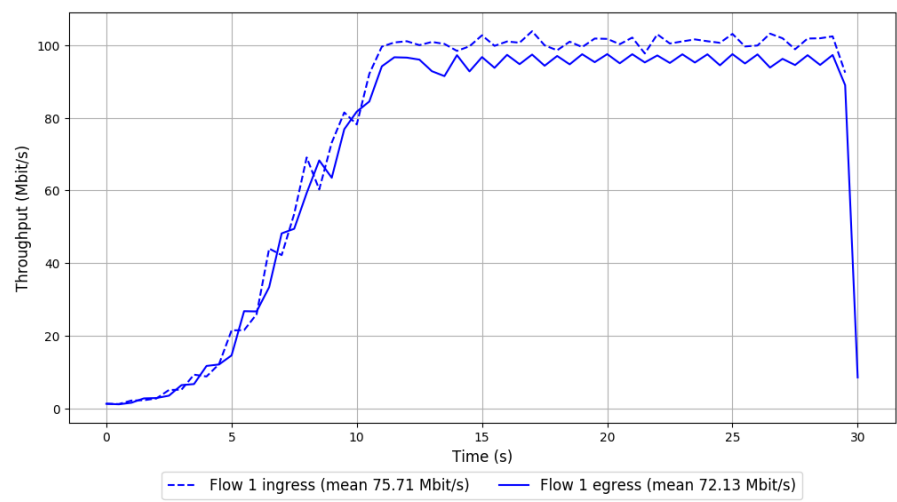
-- Flow 1:

Average throughput: 72.13 Mbit/s

95th percentile per-packet one-way delay: 74.517 ms

Loss rate: 4.72%

Run 10: Report of CalibratedKoho — Data Link



Run 1: Statistics of Copa

Start at: Sun, 16 Jul 2017 19:11:47 +0000

End at: Sun, 16 Jul 2017 19:12:17 +0000

Local clock offset: 1.765 ms

Remote clock offset: 0.062 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:28:24 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 56.57 Mbit/s

95th percentile per-packet one-way delay: 68.745 ms

Loss rate: 0.01%

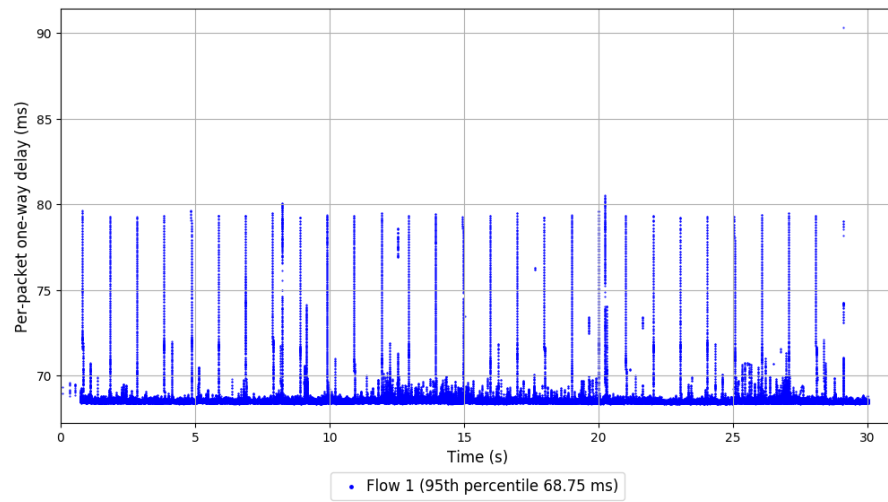
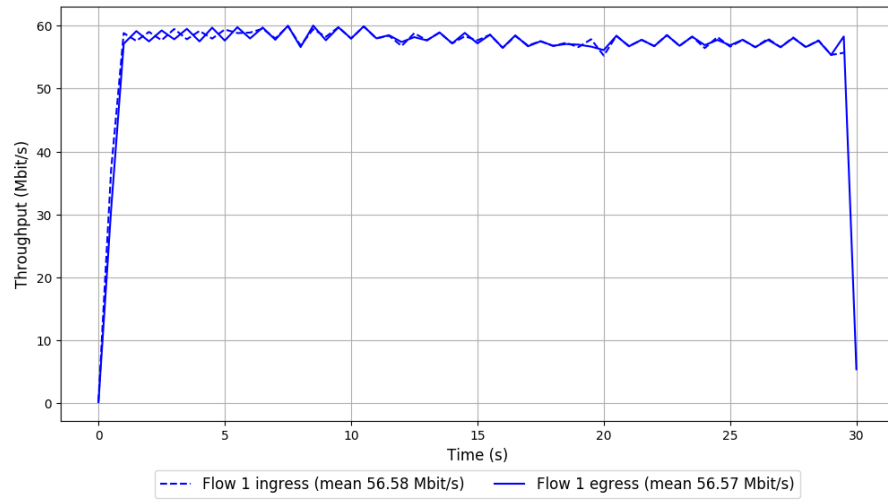
-- Flow 1:

Average throughput: 56.57 Mbit/s

95th percentile per-packet one-way delay: 68.745 ms

Loss rate: 0.01%

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: Sun, 16 Jul 2017 19:30:00 +0000

End at: Sun, 16 Jul 2017 19:30:30 +0000

Local clock offset: 2.227 ms

Remote clock offset: 0.544 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:28:25 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 65.58 Mbit/s

95th percentile per-packet one-way delay: 67.931 ms

Loss rate: 0.04%

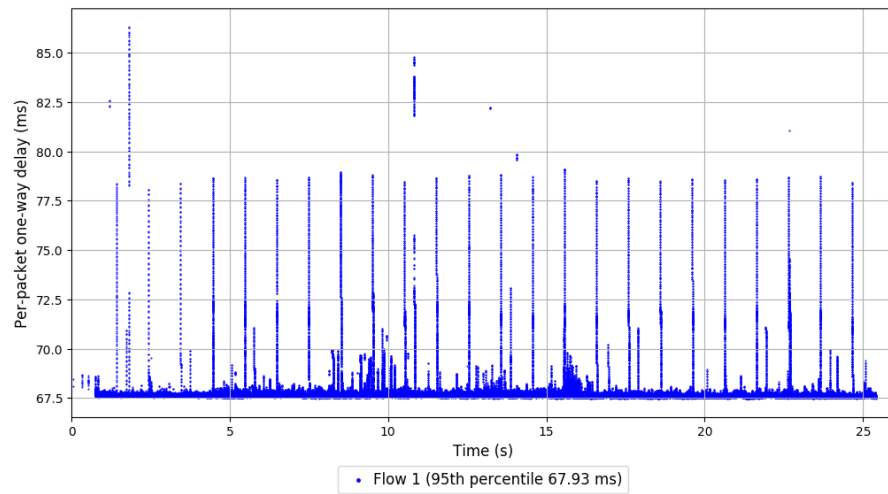
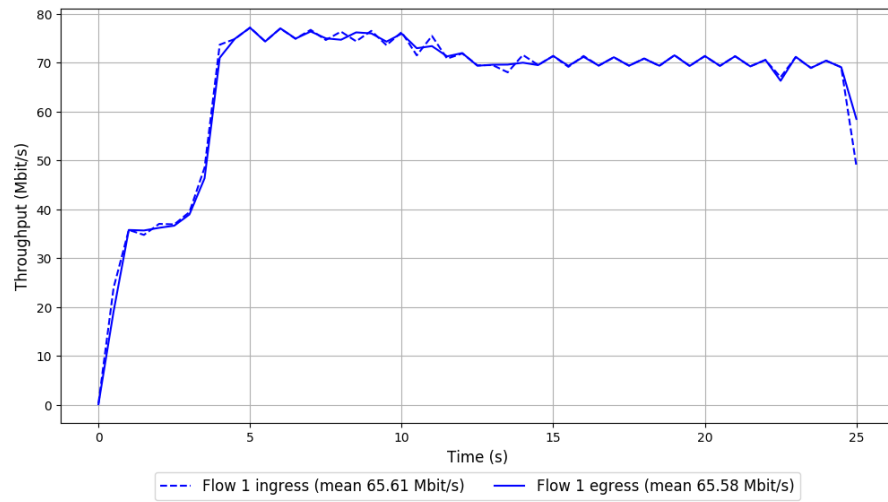
-- Flow 1:

Average throughput: 65.58 Mbit/s

95th percentile per-packet one-way delay: 67.931 ms

Loss rate: 0.04%

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

Start at: Sun, 16 Jul 2017 19:48:12 +0000

End at: Sun, 16 Jul 2017 19:48:42 +0000

Local clock offset: 1.646 ms

Remote clock offset: 0.811 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:28:39 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 67.48 Mbit/s

95th percentile per-packet one-way delay: 70.453 ms

Loss rate: 0.02%

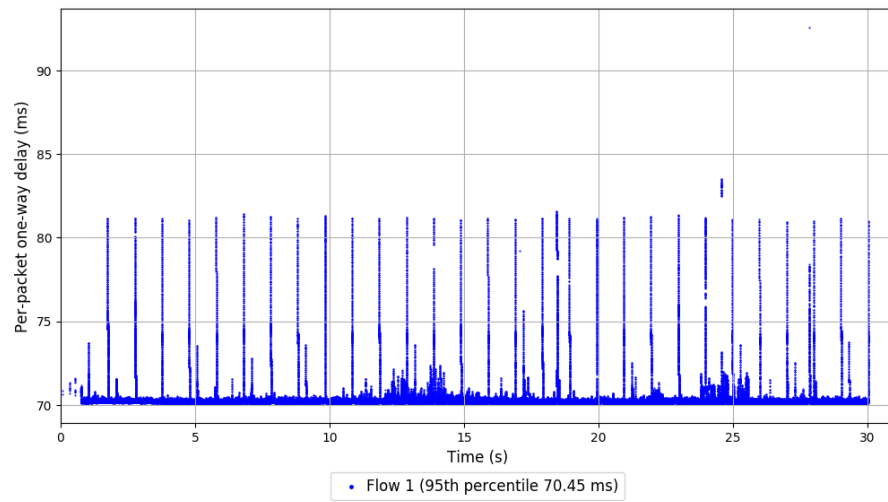
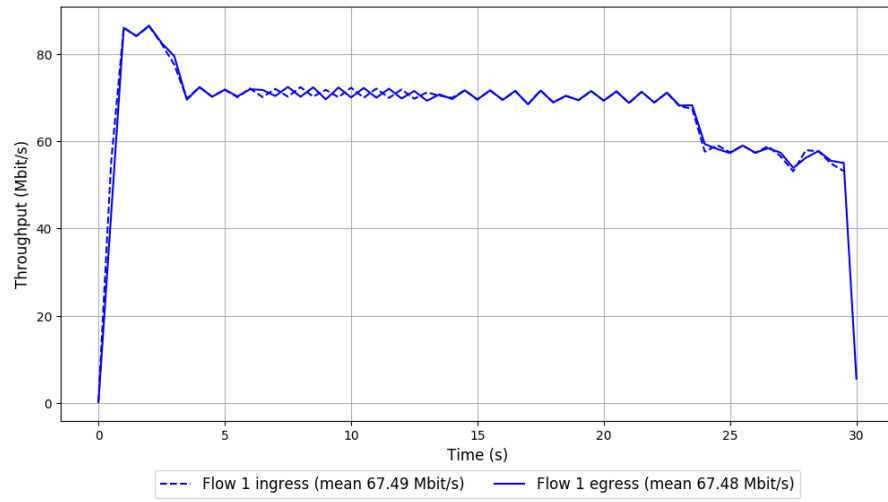
-- Flow 1:

Average throughput: 67.48 Mbit/s

95th percentile per-packet one-way delay: 70.453 ms

Loss rate: 0.02%

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: Sun, 16 Jul 2017 20:06:27 +0000

End at: Sun, 16 Jul 2017 20:06:57 +0000

Local clock offset: 1.239 ms

Remote clock offset: 0.984 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:28:39 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 61.88 Mbit/s

95th percentile per-packet one-way delay: 70.486 ms

Loss rate: 0.01%

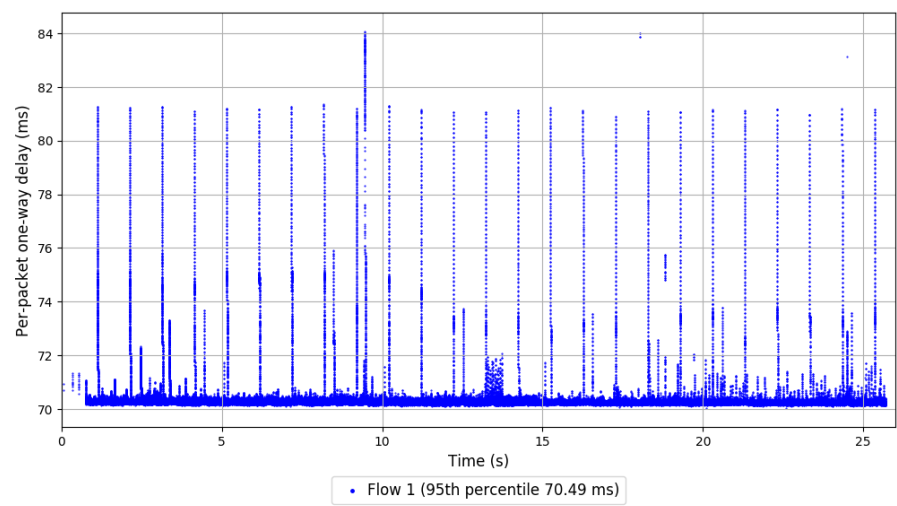
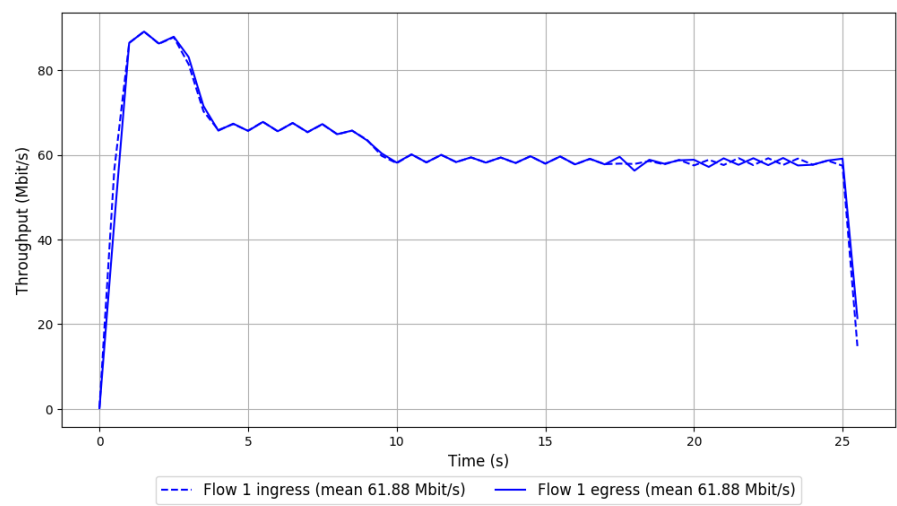
-- Flow 1:

Average throughput: 61.88 Mbit/s

95th percentile per-packet one-way delay: 70.486 ms

Loss rate: 0.01%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: Sun, 16 Jul 2017 20:24:38 +0000

End at: Sun, 16 Jul 2017 20:25:08 +0000

Local clock offset: -0.473 ms

Remote clock offset: 1.0 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:28:54 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 62.93 Mbit/s

95th percentile per-packet one-way delay: 69.085 ms

Loss rate: 0.00%

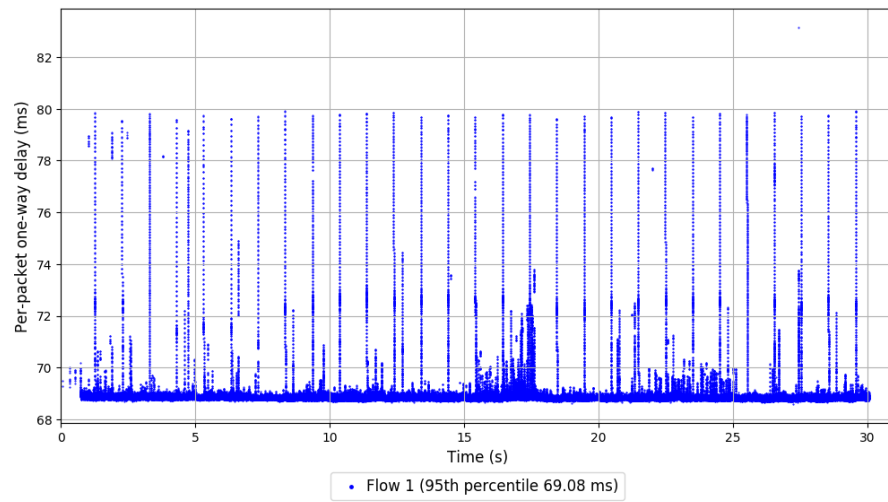
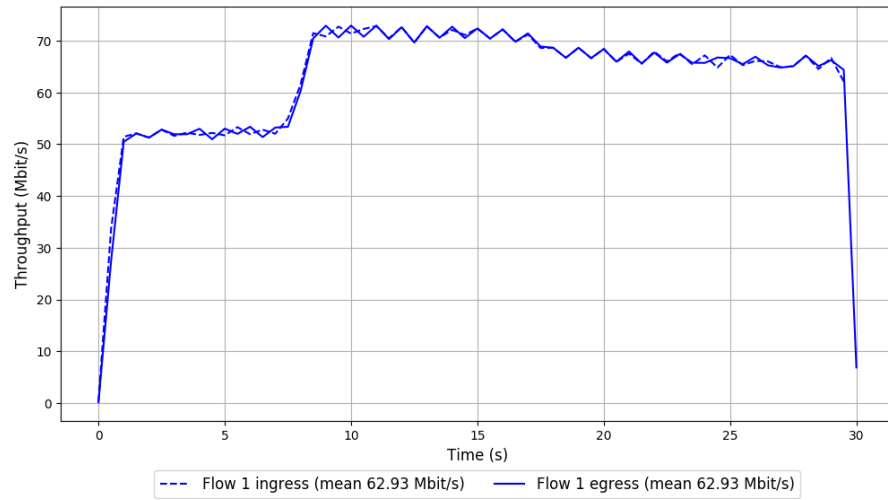
-- Flow 1:

Average throughput: 62.93 Mbit/s

95th percentile per-packet one-way delay: 69.085 ms

Loss rate: 0.00%

Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: Sun, 16 Jul 2017 20:42:49 +0000

End at: Sun, 16 Jul 2017 20:43:19 +0000

Local clock offset: -0.891 ms

Remote clock offset: 1.039 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:28:55 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 69.27 Mbit/s

95th percentile per-packet one-way delay: 76.811 ms

Loss rate: 1.24%

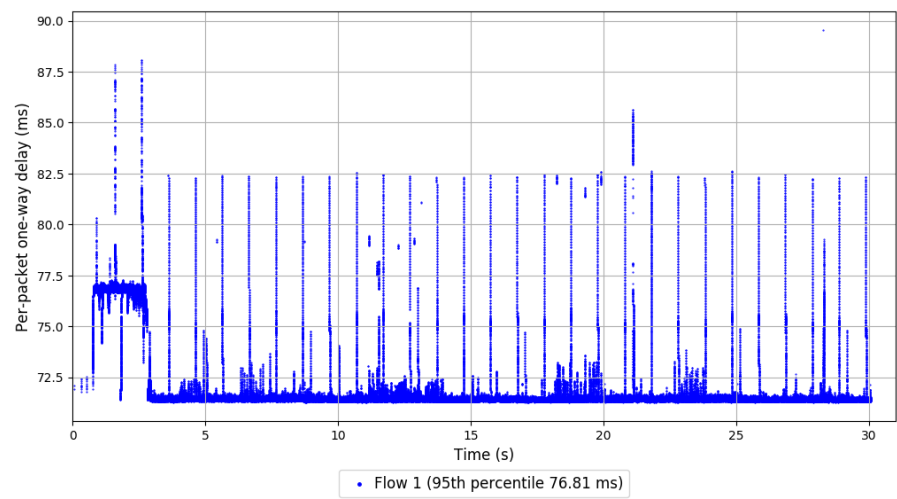
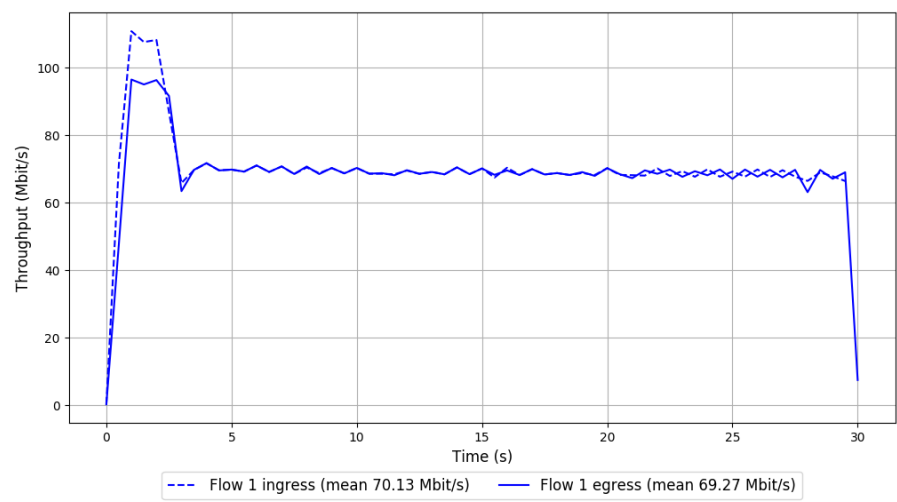
-- Flow 1:

Average throughput: 69.27 Mbit/s

95th percentile per-packet one-way delay: 76.811 ms

Loss rate: 1.24%

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

Start at: Sun, 16 Jul 2017 21:01:03 +0000

End at: Sun, 16 Jul 2017 21:01:33 +0000

Local clock offset: -1.014 ms

Remote clock offset: 0.745 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:29:09 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 63.16 Mbit/s

95th percentile per-packet one-way delay: 69.258 ms

Loss rate: 0.00%

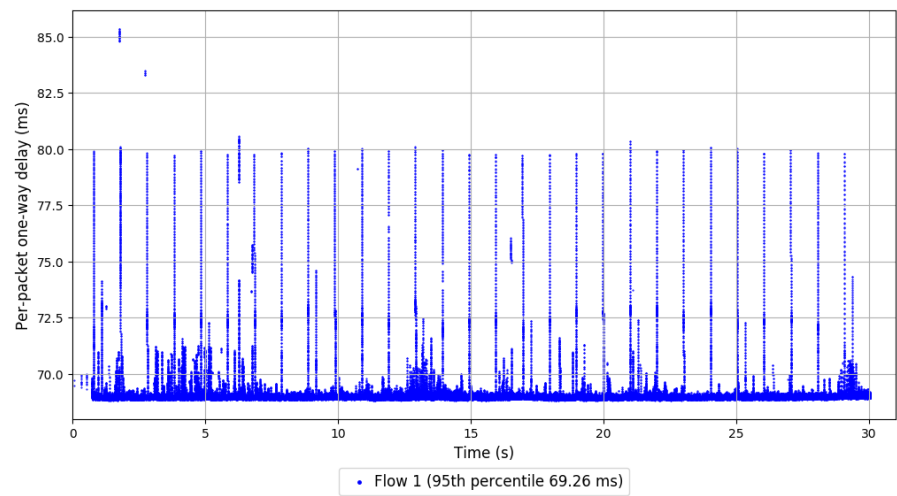
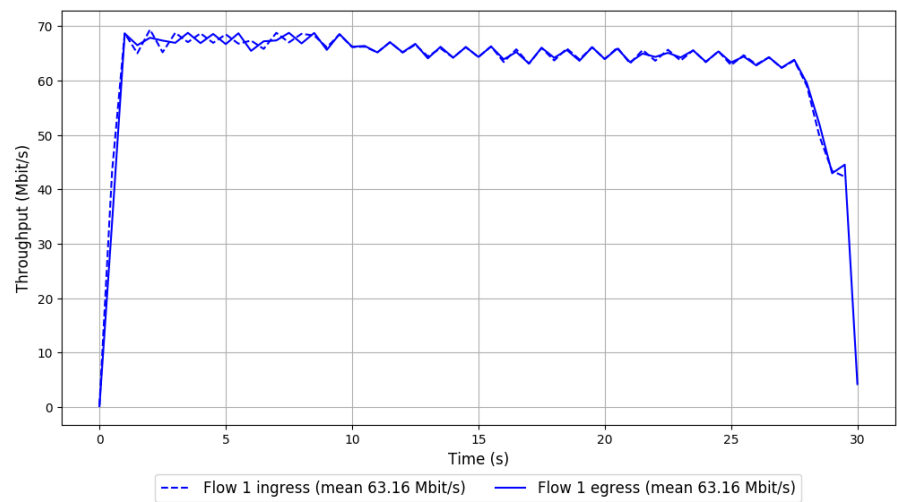
-- Flow 1:

Average throughput: 63.16 Mbit/s

95th percentile per-packet one-way delay: 69.258 ms

Loss rate: 0.00%

Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

Start at: Sun, 16 Jul 2017 21:19:15 +0000

End at: Sun, 16 Jul 2017 21:19:45 +0000

Local clock offset: 0.522 ms

Remote clock offset: 0.631 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:29:09 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 39.97 Mbit/s

95th percentile per-packet one-way delay: 71.387 ms

Loss rate: 0.08%

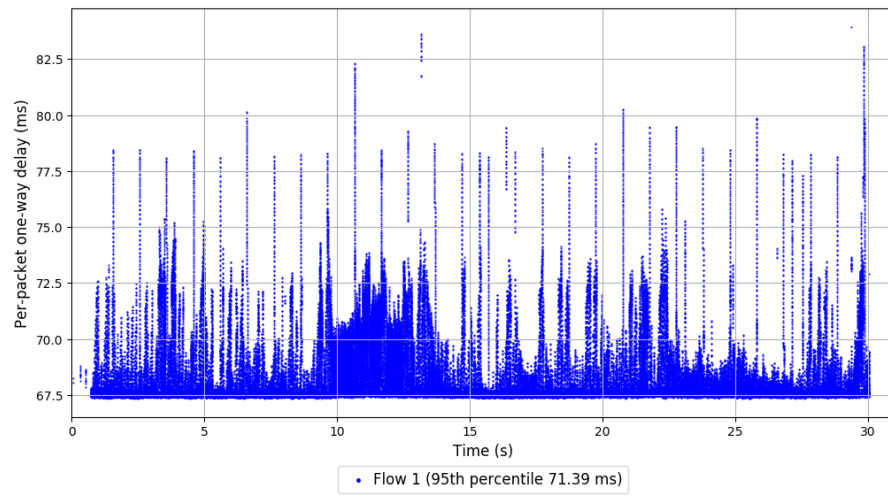
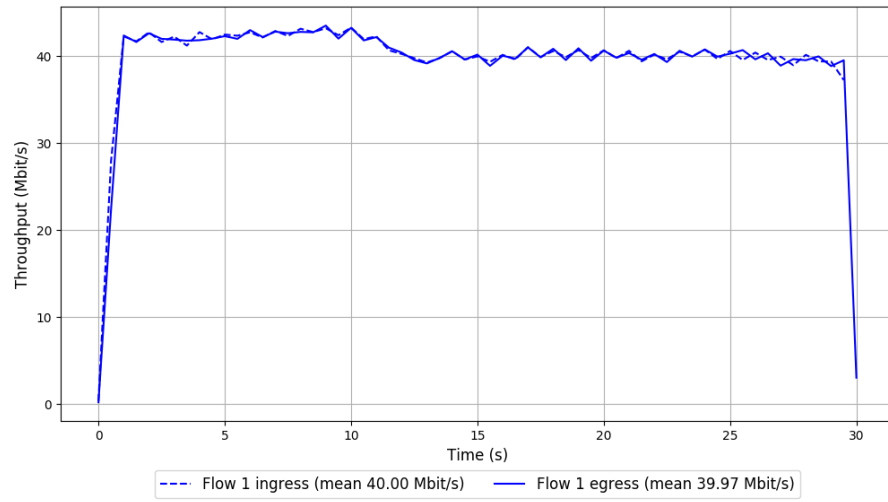
-- Flow 1:

Average throughput: 39.97 Mbit/s

95th percentile per-packet one-way delay: 71.387 ms

Loss rate: 0.08%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: Sun, 16 Jul 2017 21:37:19 +0000

End at: Sun, 16 Jul 2017 21:37:49 +0000

Local clock offset: 0.491 ms

Remote clock offset: 0.302 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:29:16 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 49.69 Mbit/s

95th percentile per-packet one-way delay: 70.137 ms

Loss rate: 0.00%

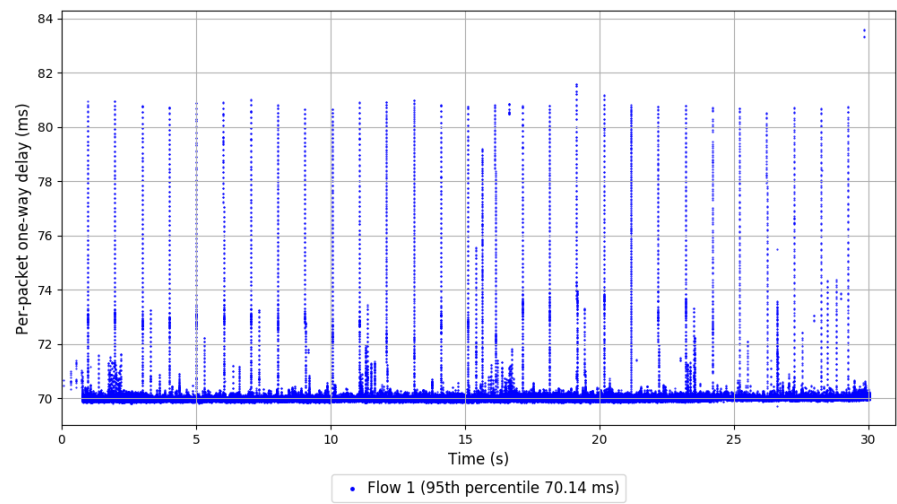
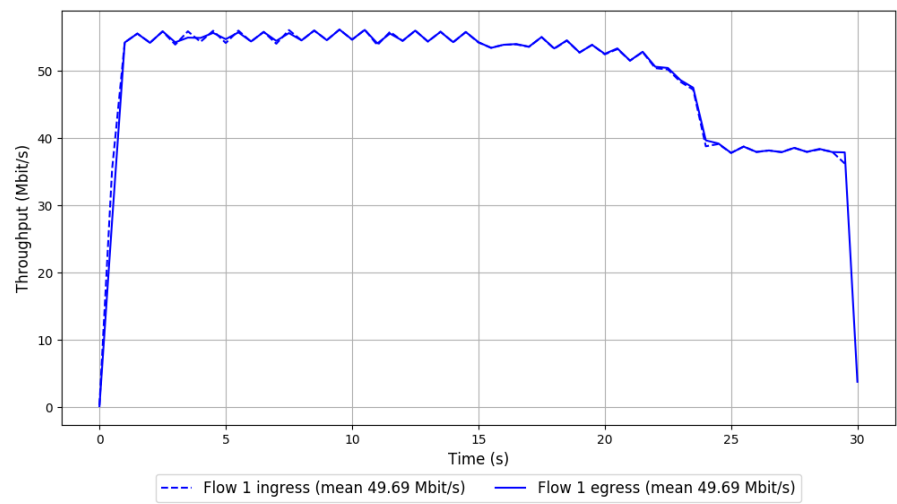
-- Flow 1:

Average throughput: 49.69 Mbit/s

95th percentile per-packet one-way delay: 70.137 ms

Loss rate: 0.00%

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: Sun, 16 Jul 2017 21:55:29 +0000

End at: Sun, 16 Jul 2017 21:55:59 +0000

Local clock offset: -0.989 ms

Remote clock offset: 0.011 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:29:25 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 55.57 Mbit/s

95th percentile per-packet one-way delay: 68.950 ms

Loss rate: 0.02%

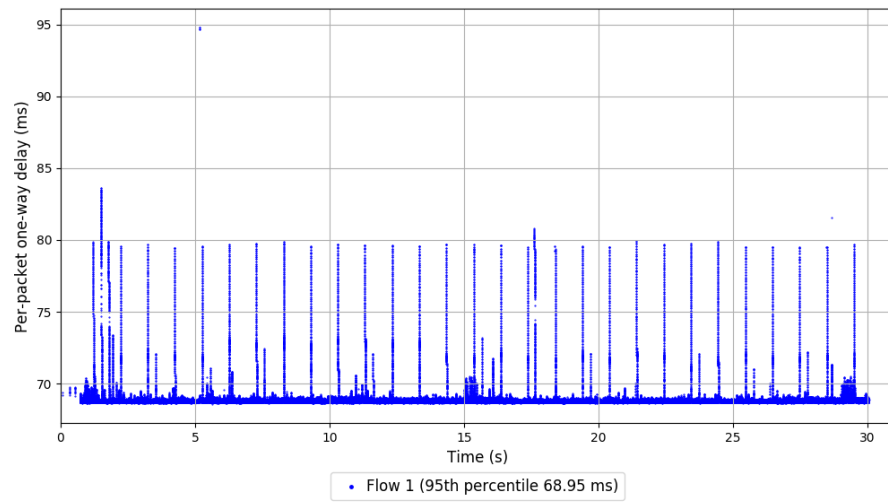
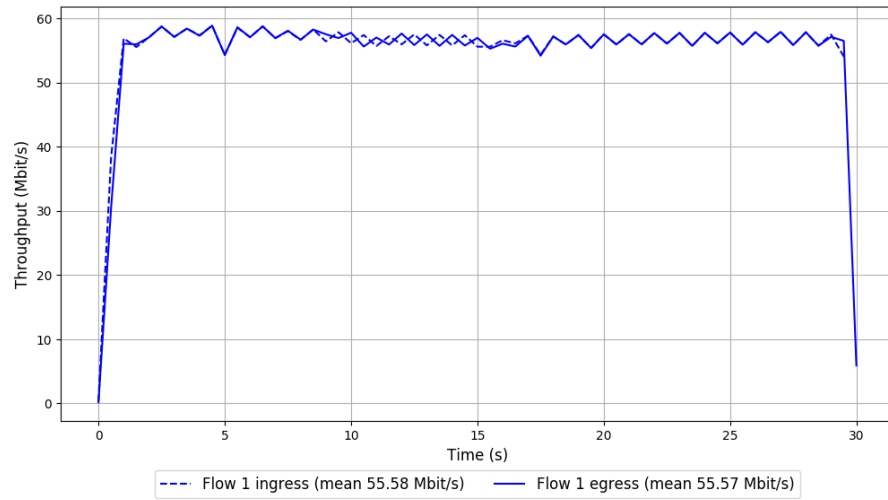
-- Flow 1:

Average throughput: 55.57 Mbit/s

95th percentile per-packet one-way delay: 68.950 ms

Loss rate: 0.02%

Run 10: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

Start at: Sun, 16 Jul 2017 19:09:25 +0000

End at: Sun, 16 Jul 2017 19:09:55 +0000

Local clock offset: 1.305 ms

Remote clock offset: 0.068 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:29:25 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 13.16 Mbit/s

95th percentile per-packet one-way delay: 73.664 ms

Loss rate: 0.49%

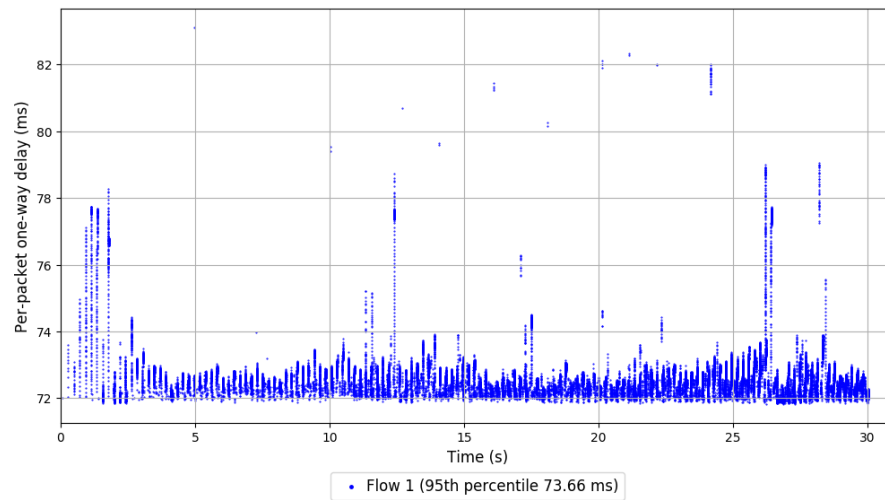
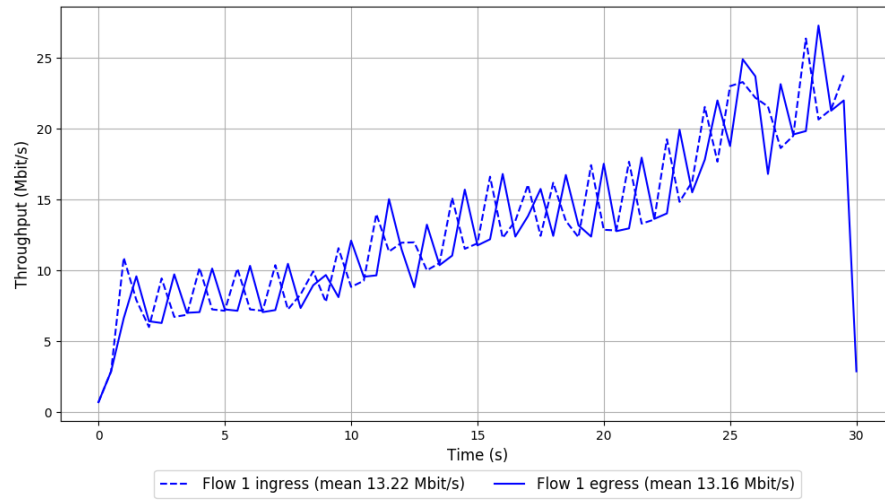
-- Flow 1:

Average throughput: 13.16 Mbit/s

95th percentile per-packet one-way delay: 73.664 ms

Loss rate: 0.49%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: Sun, 16 Jul 2017 19:27:40 +0000

End at: Sun, 16 Jul 2017 19:28:10 +0000

Local clock offset: 1.074 ms

Remote clock offset: 0.428 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:29:25 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 6.87 Mbit/s

95th percentile per-packet one-way delay: 72.136 ms

Loss rate: 1.22%

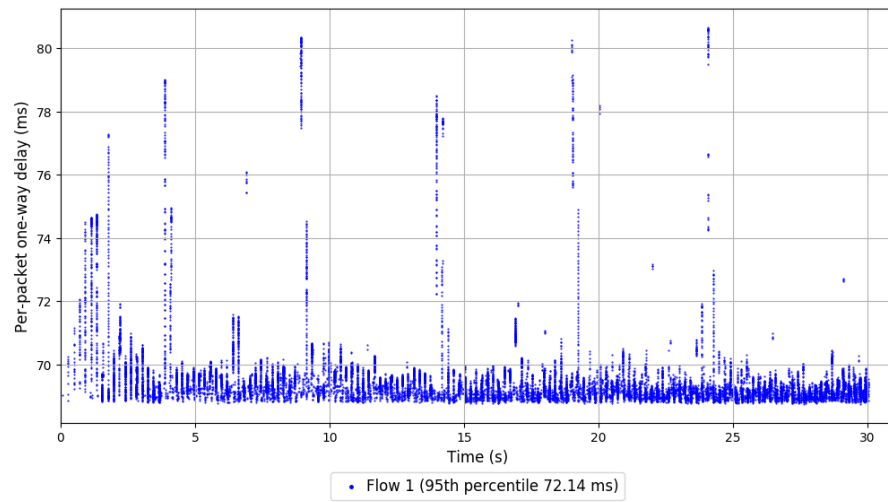
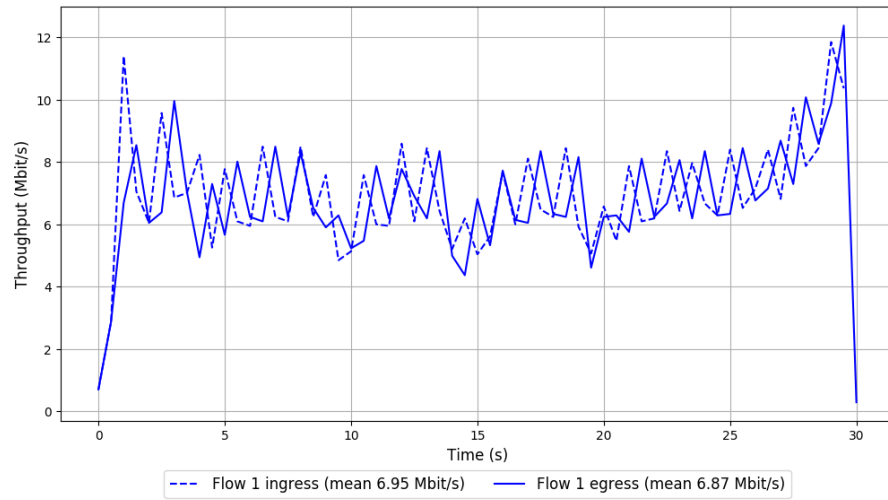
-- Flow 1:

Average throughput: 6.87 Mbit/s

95th percentile per-packet one-way delay: 72.136 ms

Loss rate: 1.22%

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: Sun, 16 Jul 2017 19:45:51 +0000

End at: Sun, 16 Jul 2017 19:46:21 +0000

Local clock offset: 0.338 ms

Remote clock offset: 0.745 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:29:25 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 13.30 Mbit/s

95th percentile per-packet one-way delay: 71.283 ms

Loss rate: 0.90%

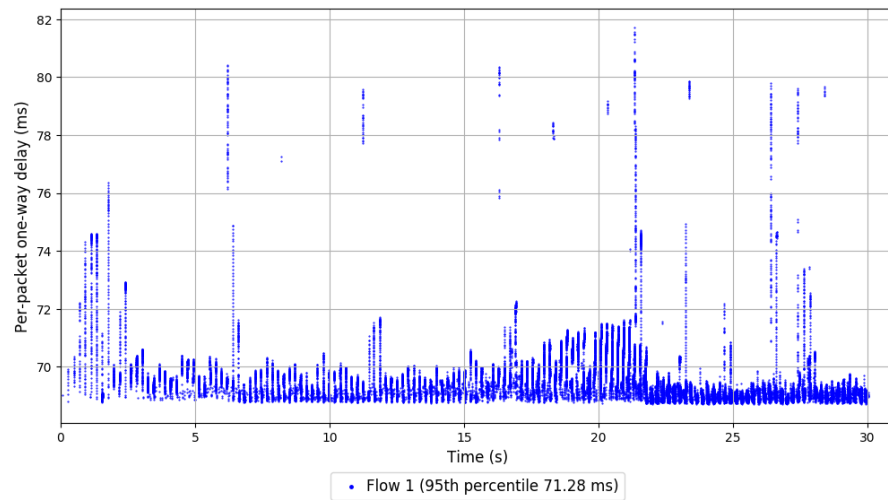
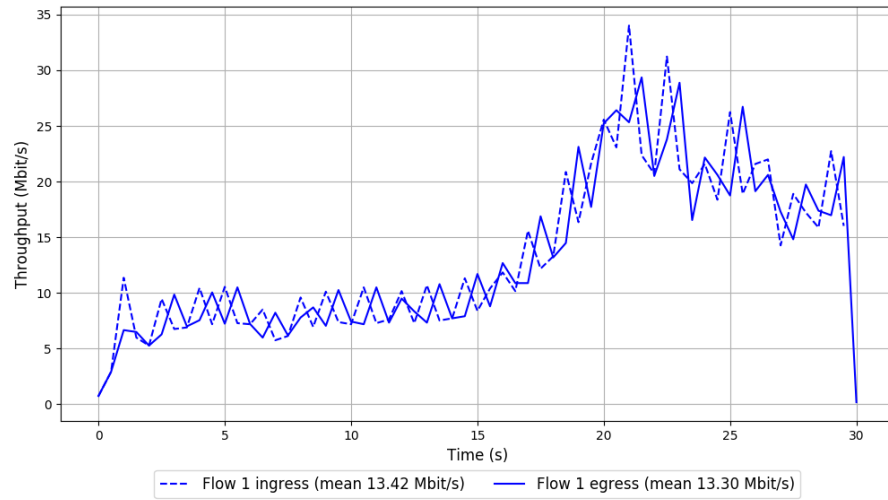
-- Flow 1:

Average throughput: 13.30 Mbit/s

95th percentile per-packet one-way delay: 71.283 ms

Loss rate: 0.90%

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: Sun, 16 Jul 2017 20:04:07 +0000

End at: Sun, 16 Jul 2017 20:04:37 +0000

Local clock offset: -0.045 ms

Remote clock offset: 0.877 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:29:26 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 9.83 Mbit/s

95th percentile per-packet one-way delay: 71.470 ms

Loss rate: 0.87%

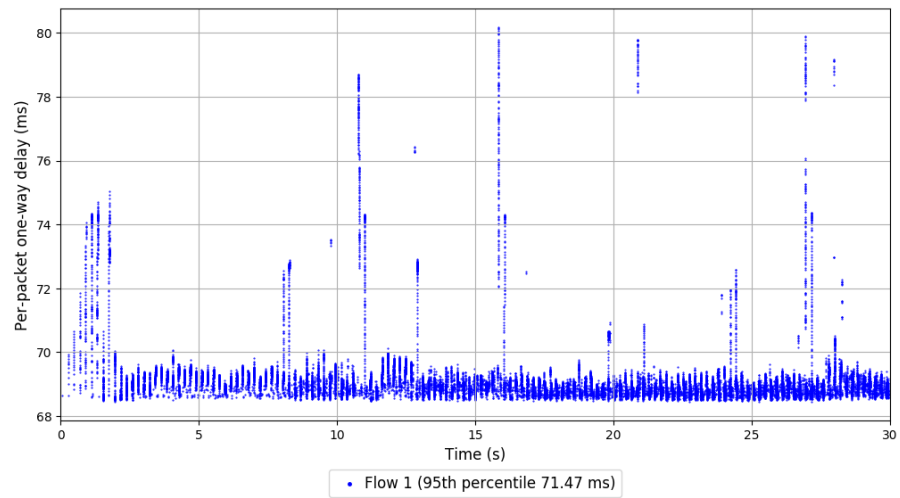
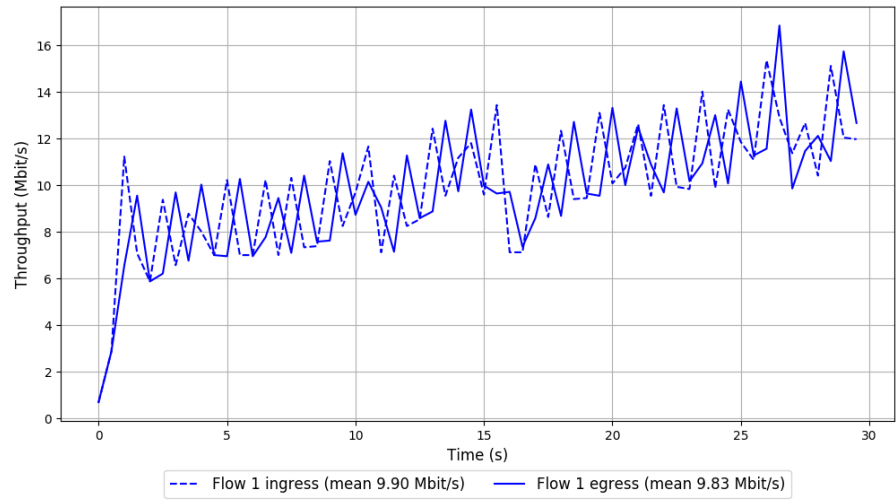
-- Flow 1:

Average throughput: 9.83 Mbit/s

95th percentile per-packet one-way delay: 71.470 ms

Loss rate: 0.87%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: Sun, 16 Jul 2017 20:22:17 +0000

End at: Sun, 16 Jul 2017 20:22:47 +0000

Local clock offset: -0.606 ms

Remote clock offset: 1.016 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:29:29 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 21.90 Mbit/s

95th percentile per-packet one-way delay: 75.028 ms

Loss rate: 0.48%

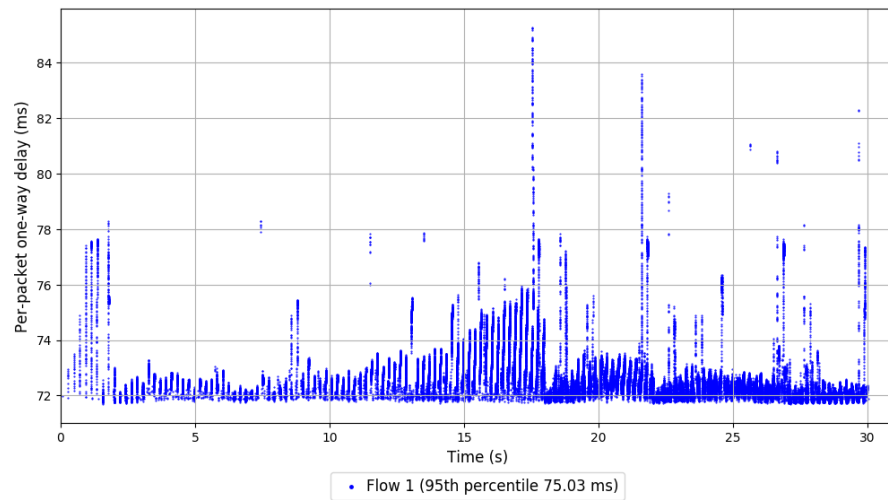
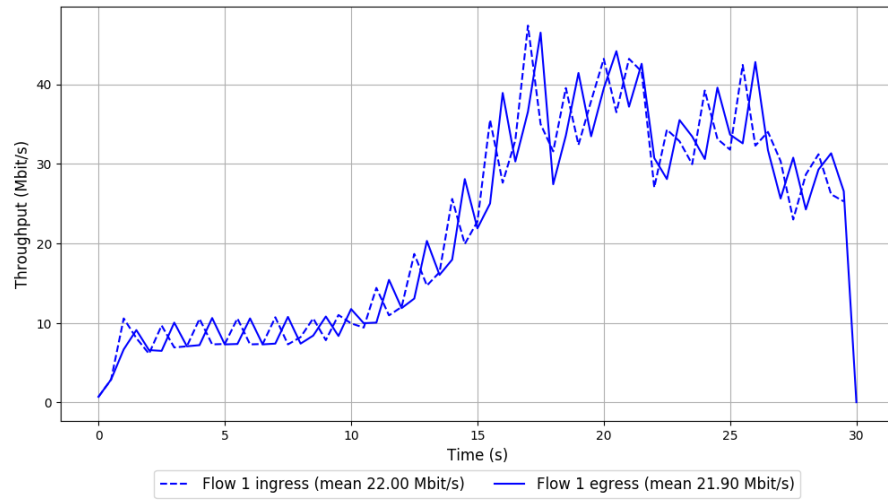
-- Flow 1:

Average throughput: 21.90 Mbit/s

95th percentile per-packet one-way delay: 75.028 ms

Loss rate: 0.48%

Run 5: Report of TCP Cubic — Data Link



Run 6: Statistics of TCP Cubic

Start at: Sun, 16 Jul 2017 20:40:28 +0000

End at: Sun, 16 Jul 2017 20:40:58 +0000

Local clock offset: -0.976 ms

Remote clock offset: 0.987 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:29:29 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 9.95 Mbit/s

95th percentile per-packet one-way delay: 71.277 ms

Loss rate: 0.61%

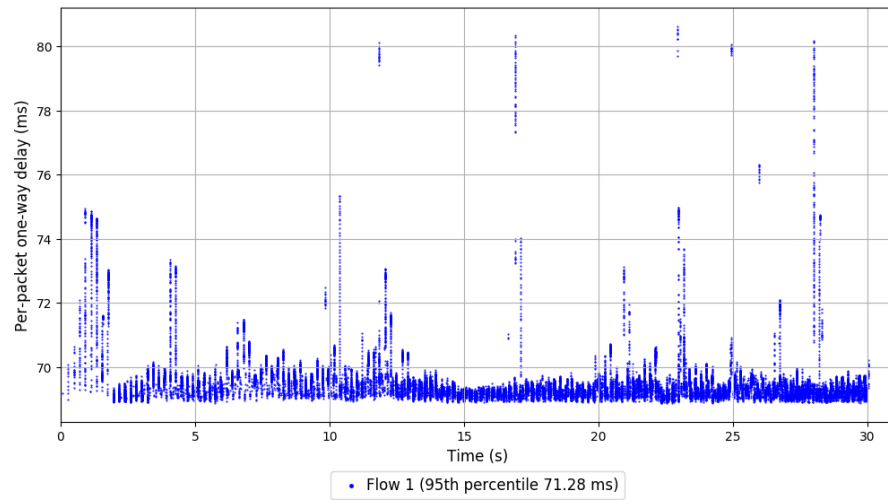
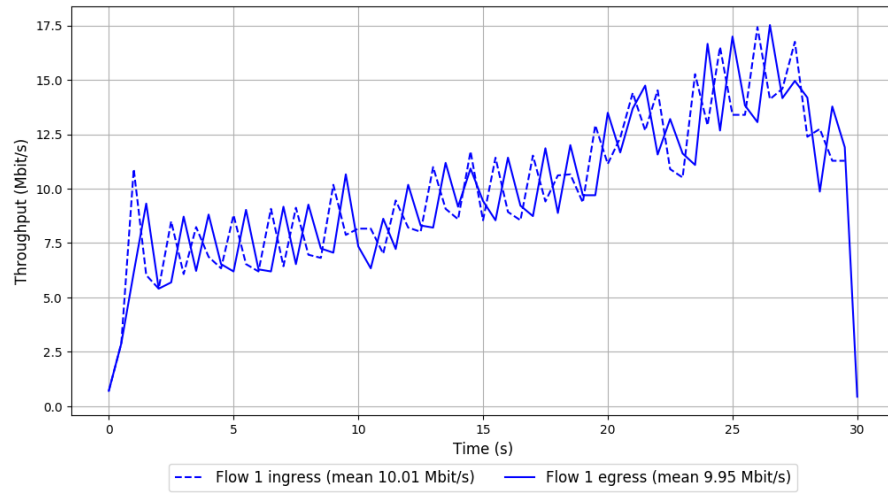
-- Flow 1:

Average throughput: 9.95 Mbit/s

95th percentile per-packet one-way delay: 71.277 ms

Loss rate: 0.61%

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: Sun, 16 Jul 2017 20:58:42 +0000

End at: Sun, 16 Jul 2017 20:59:13 +0000

Local clock offset: -0.875 ms

Remote clock offset: 0.796 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:29:32 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 16.07 Mbit/s

95th percentile per-packet one-way delay: 71.547 ms

Loss rate: 0.70%

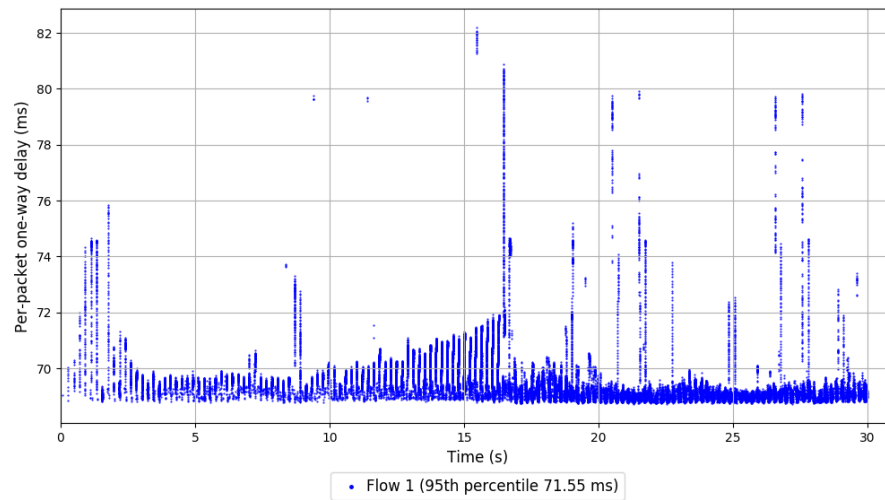
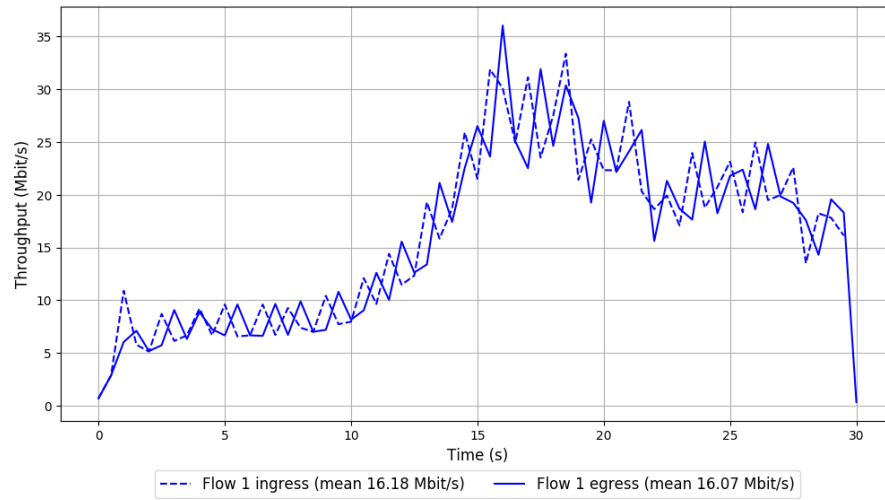
-- Flow 1:

Average throughput: 16.07 Mbit/s

95th percentile per-packet one-way delay: 71.547 ms

Loss rate: 0.70%

Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: Sun, 16 Jul 2017 21:16:56 +0000

End at: Sun, 16 Jul 2017 21:17:26 +0000

Local clock offset: -0.883 ms

Remote clock offset: 0.682 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:29:32 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 9.76 Mbit/s

95th percentile per-packet one-way delay: 70.668 ms

Loss rate: 0.84%

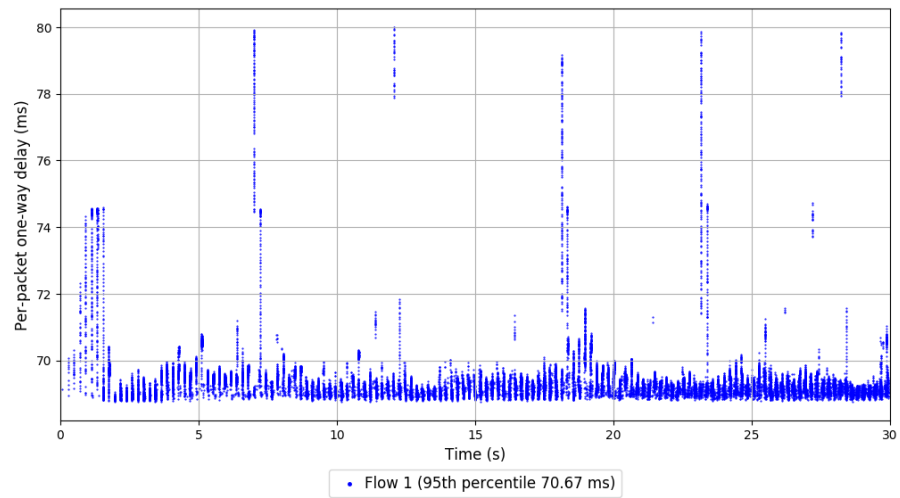
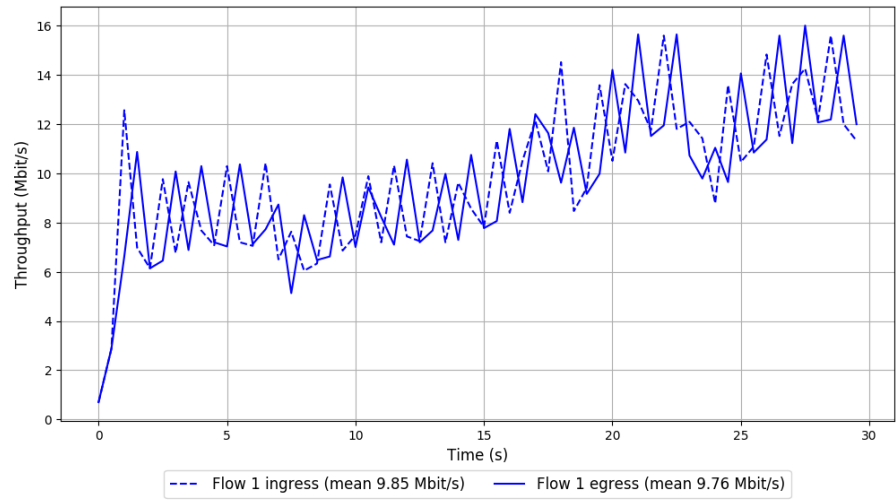
-- Flow 1:

Average throughput: 9.76 Mbit/s

95th percentile per-packet one-way delay: 70.668 ms

Loss rate: 0.84%

Run 8: Report of TCP Cubic — Data Link



Run 9: Statistics of TCP Cubic

Start at: Sun, 16 Jul 2017 21:34:58 +0000

End at: Sun, 16 Jul 2017 21:35:28 +0000

Local clock offset: -0.907 ms

Remote clock offset: 0.35 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:29:35 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 18.78 Mbit/s

95th percentile per-packet one-way delay: 74.518 ms

Loss rate: 0.56%

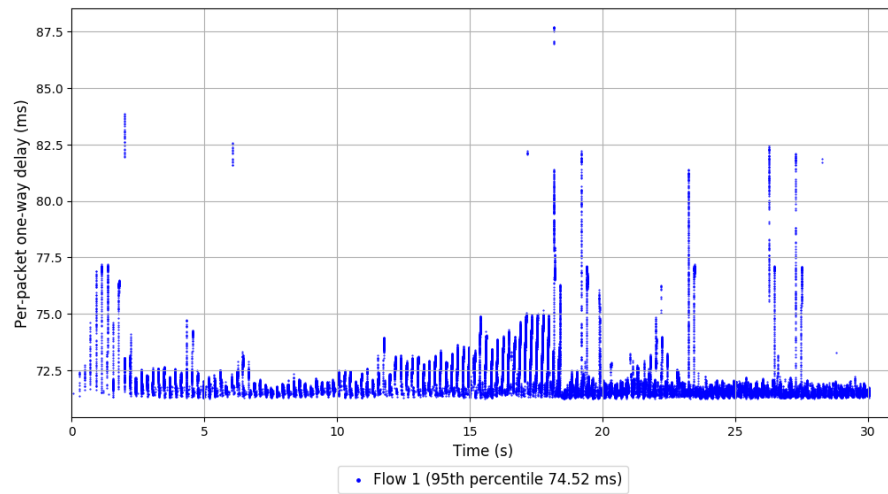
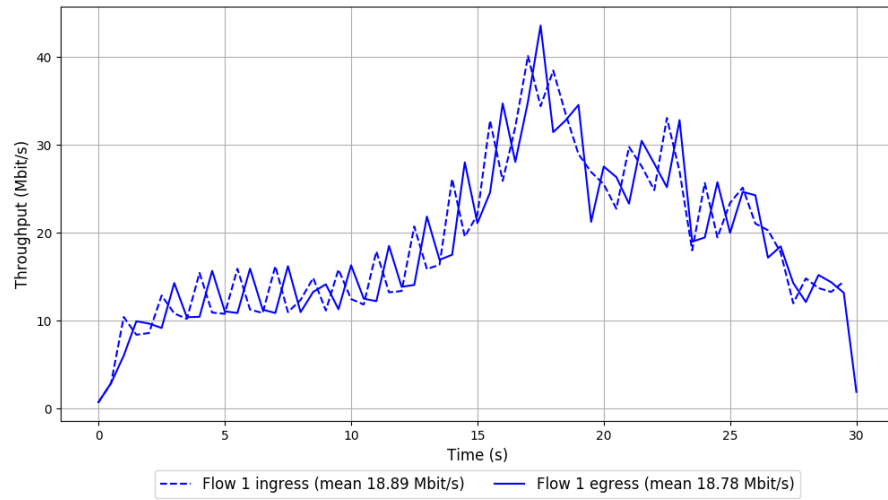
-- Flow 1:

Average throughput: 18.78 Mbit/s

95th percentile per-packet one-way delay: 74.518 ms

Loss rate: 0.56%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: Sun, 16 Jul 2017 21:53:10 +0000

End at: Sun, 16 Jul 2017 21:53:40 +0000

Local clock offset: 0.577 ms

Remote clock offset: 0.056 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:29:35 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 10.31 Mbit/s

95th percentile per-packet one-way delay: 70.023 ms

Loss rate: 0.99%

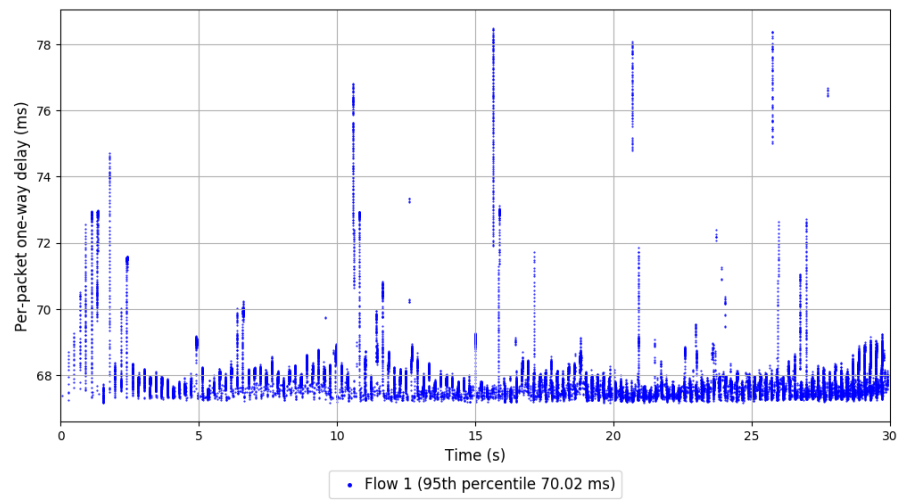
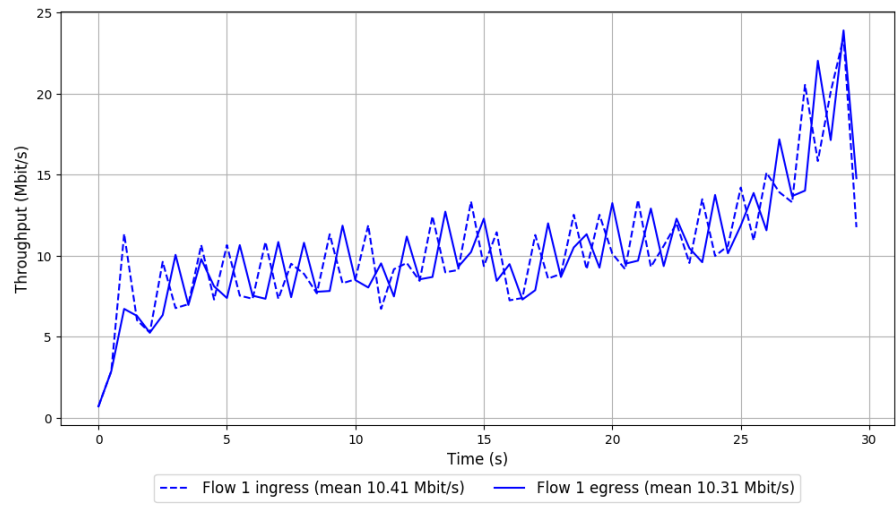
-- Flow 1:

Average throughput: 10.31 Mbit/s

95th percentile per-packet one-way delay: 70.023 ms

Loss rate: 0.99%

Run 10: Report of TCP Cubic — Data Link



Run 1: Statistics of KohoCC

Start at: Sun, 16 Jul 2017 19:16:43 +0000

End at: Sun, 16 Jul 2017 19:17:13 +0000

Local clock offset: 1.335 ms

Remote clock offset: 0.269 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:29:35 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.47 Mbit/s

95th percentile per-packet one-way delay: 73.311 ms

Loss rate: 0.04%

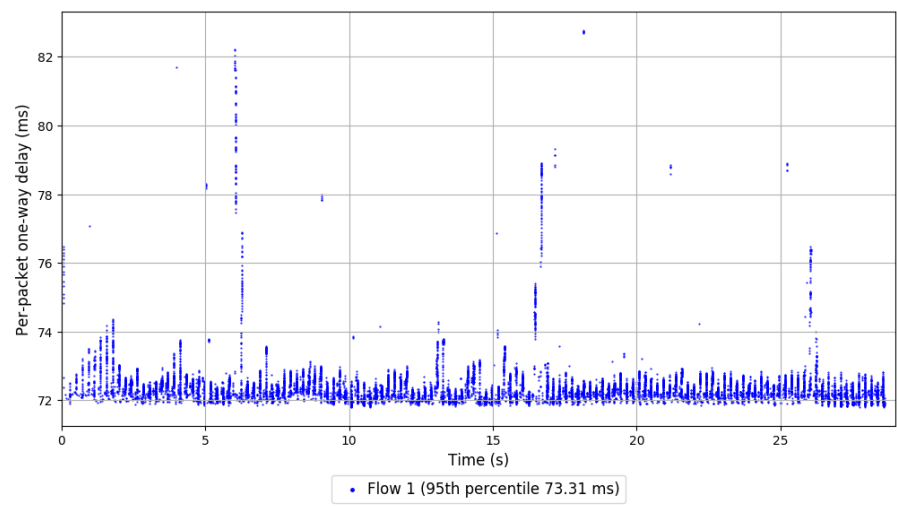
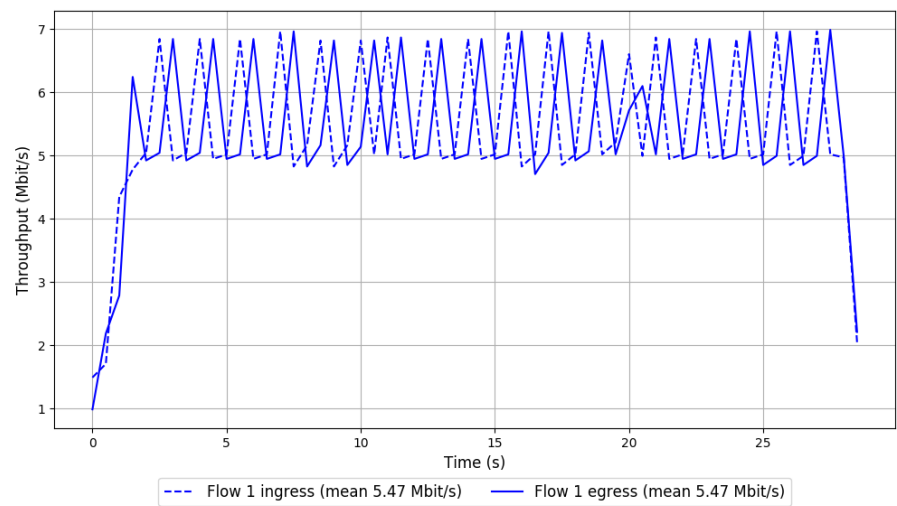
-- Flow 1:

Average throughput: 5.47 Mbit/s

95th percentile per-packet one-way delay: 73.311 ms

Loss rate: 0.04%

Run 1: Report of KohoCC — Data Link



Run 2: Statistics of KohoCC

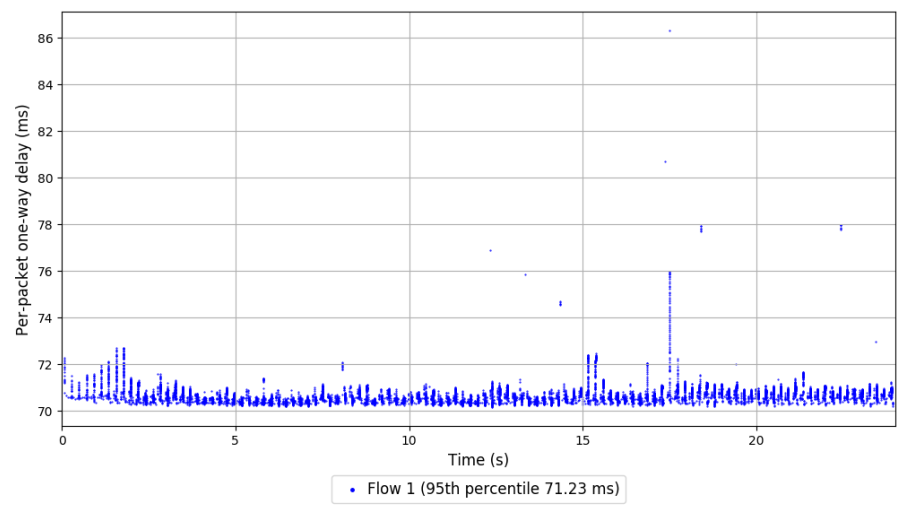
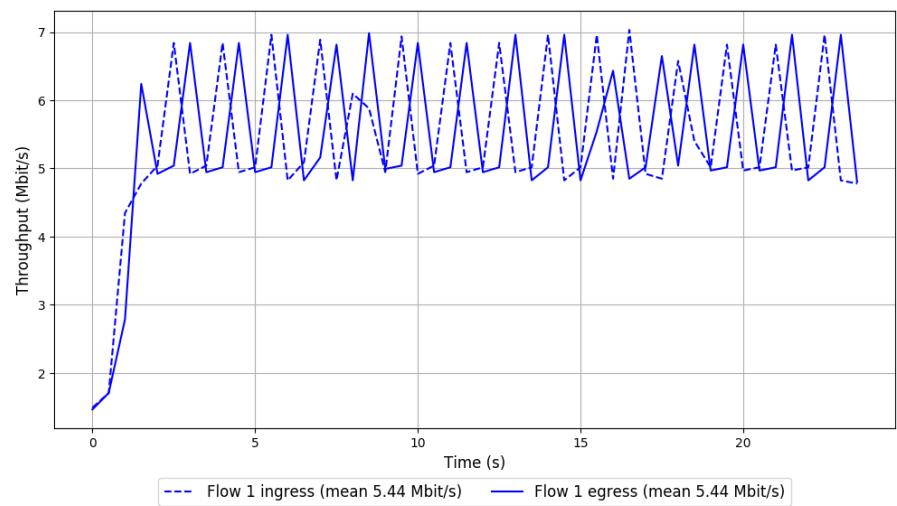
Start at: Sun, 16 Jul 2017 19:34:56 +0000

End at: Sun, 16 Jul 2017 19:35:26 +0000

Local clock offset: 2.158 ms

Remote clock offset: 0.601 ms

Run 2: Report of KohoCC — Data Link



Run 3: Statistics of KohoCC

Start at: Sun, 16 Jul 2017 19:53:10 +0000

End at: Sun, 16 Jul 2017 19:53:40 +0000

Local clock offset: 1.495 ms

Remote clock offset: 0.905 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:29:37 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.54 Mbit/s

95th percentile per-packet one-way delay: 68.568 ms

Loss rate: 0.00%

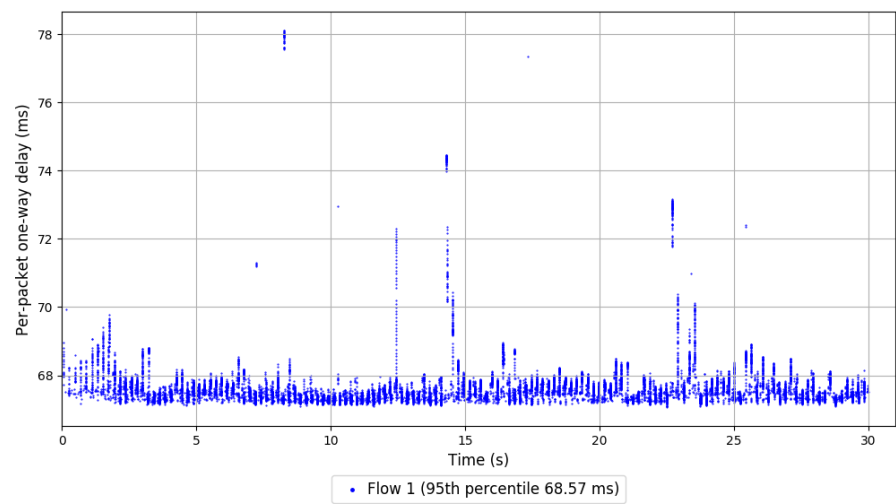
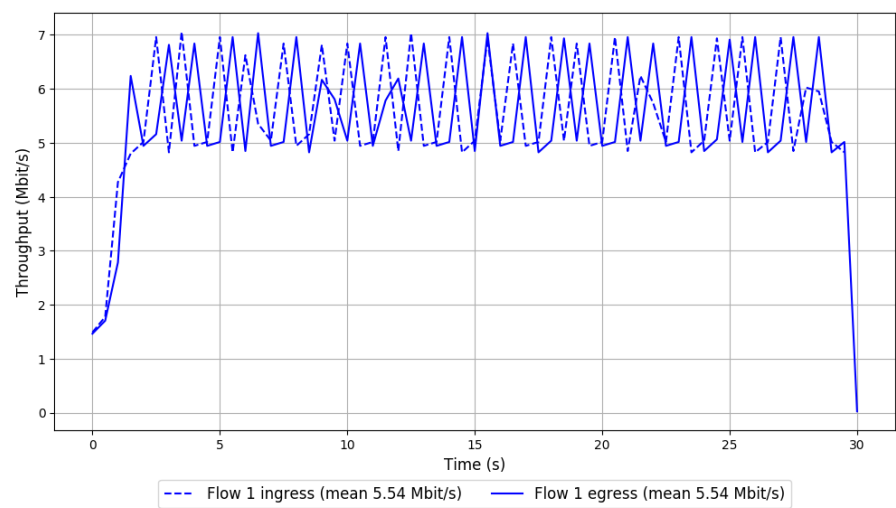
-- Flow 1:

Average throughput: 5.54 Mbit/s

95th percentile per-packet one-way delay: 68.568 ms

Loss rate: 0.00%

Run 3: Report of KohoCC — Data Link



Run 4: Statistics of KohoCC

Start at: Sun, 16 Jul 2017 20:11:23 +0000

End at: Sun, 16 Jul 2017 20:11:53 +0000

Local clock offset: -0.155 ms

Remote clock offset: 0.96 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:29:39 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.47 Mbit/s

95th percentile per-packet one-way delay: 72.257 ms

Loss rate: 0.00%

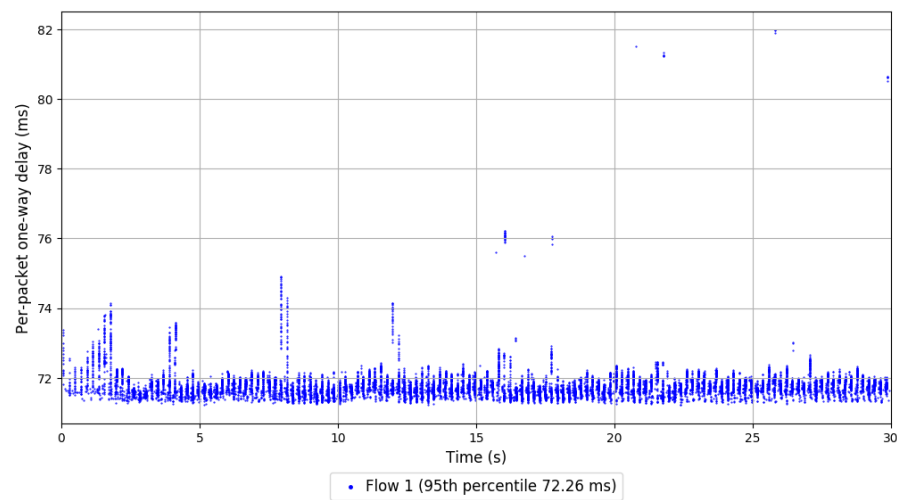
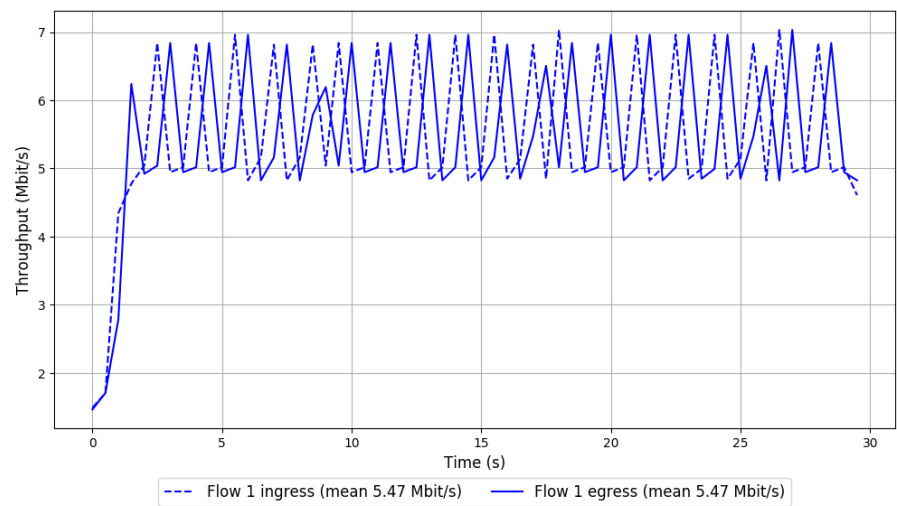
-- Flow 1:

Average throughput: 5.47 Mbit/s

95th percentile per-packet one-way delay: 72.257 ms

Loss rate: 0.00%

Run 4: Report of KohoCC — Data Link



Run 5: Statistics of KohoCC

Start at: Sun, 16 Jul 2017 20:29:35 +0000

End at: Sun, 16 Jul 2017 20:30:05 +0000

Local clock offset: -0.642 ms

Remote clock offset: 0.994 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:29:39 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.55 Mbit/s

95th percentile per-packet one-way delay: 70.128 ms

Loss rate: 0.00%

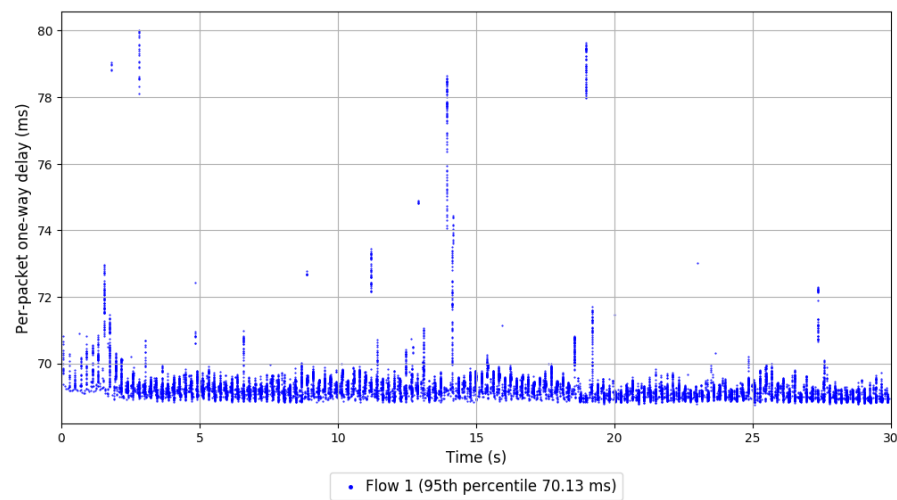
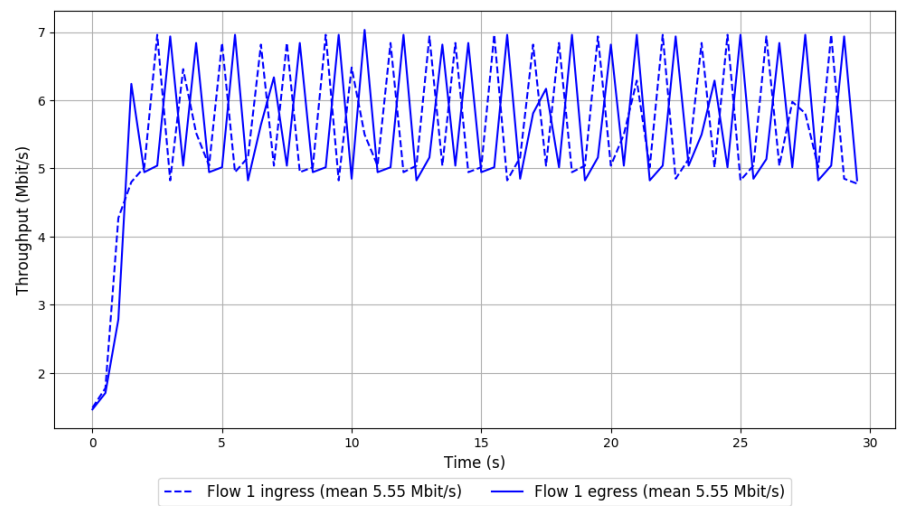
-- Flow 1:

Average throughput: 5.55 Mbit/s

95th percentile per-packet one-way delay: 70.128 ms

Loss rate: 0.00%

Run 5: Report of KohoCC — Data Link



Run 6: Statistics of KohoCC

Start at: Sun, 16 Jul 2017 20:47:46 +0000

End at: Sun, 16 Jul 2017 20:48:16 +0000

Local clock offset: -1.022 ms

Remote clock offset: 0.887 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:29:40 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.49 Mbit/s

95th percentile per-packet one-way delay: 73.194 ms

Loss rate: 0.00%

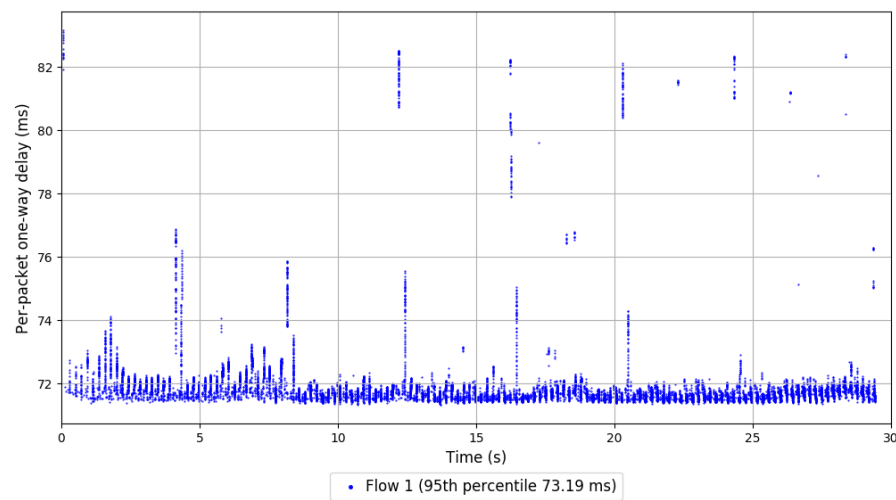
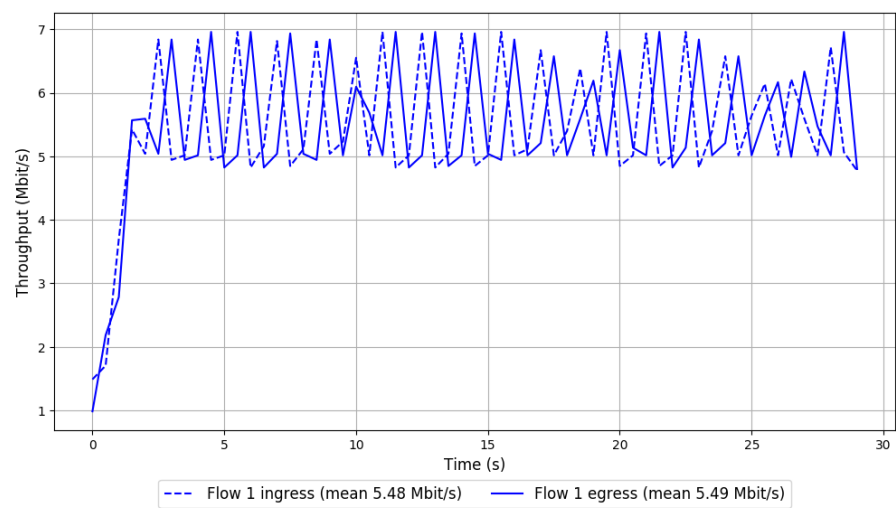
-- Flow 1:

Average throughput: 5.49 Mbit/s

95th percentile per-packet one-way delay: 73.194 ms

Loss rate: 0.00%

Run 6: Report of KohoCC — Data Link



Run 7: Statistics of KohoCC

Start at: Sun, 16 Jul 2017 21:05:59 +0000

End at: Sun, 16 Jul 2017 21:06:29 +0000

Local clock offset: -1.015 ms

Remote clock offset: 0.742 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:29:41 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.52 Mbit/s

95th percentile per-packet one-way delay: 70.671 ms

Loss rate: 0.08%

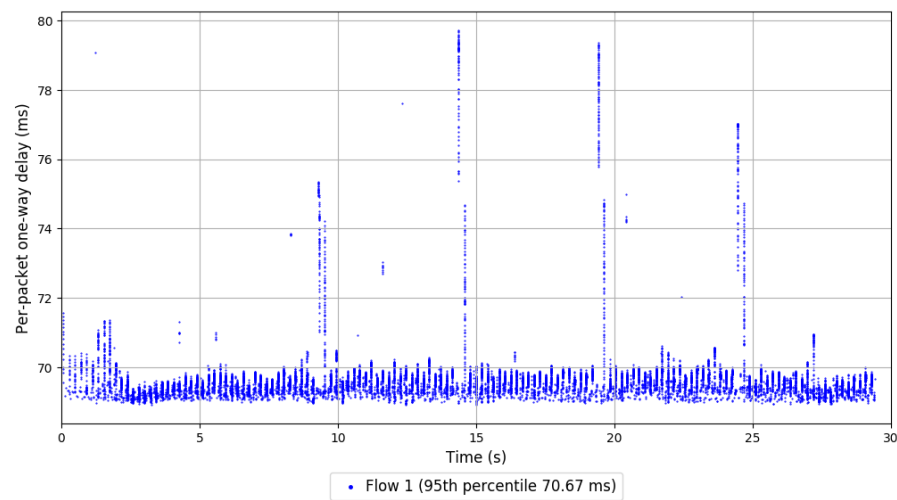
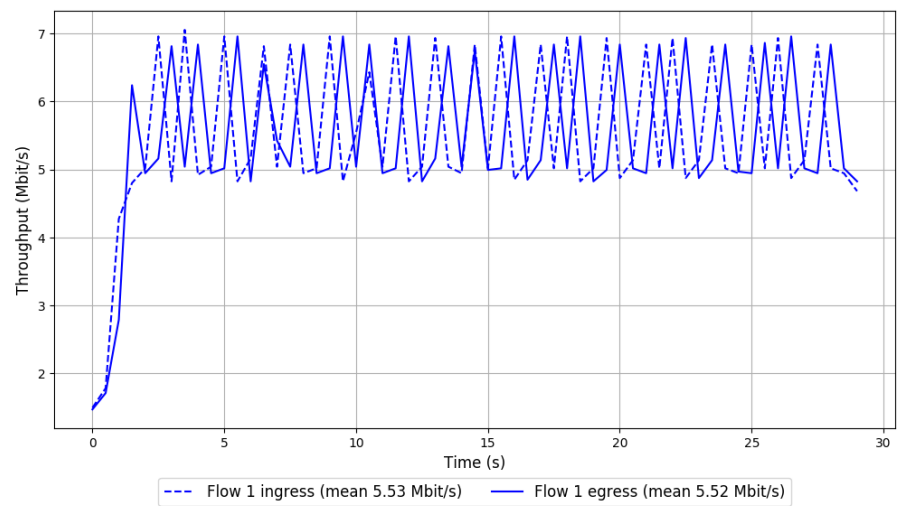
-- Flow 1:

Average throughput: 5.52 Mbit/s

95th percentile per-packet one-way delay: 70.671 ms

Loss rate: 0.08%

Run 7: Report of KohoCC — Data Link



Run 8: Statistics of KohoCC

Start at: Sun, 16 Jul 2017 21:24:08 +0000

End at: Sun, 16 Jul 2017 21:24:38 +0000

Local clock offset: -0.853 ms

Remote clock offset: 0.548 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:29:42 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.53 Mbit/s

95th percentile per-packet one-way delay: 70.061 ms

Loss rate: 0.00%

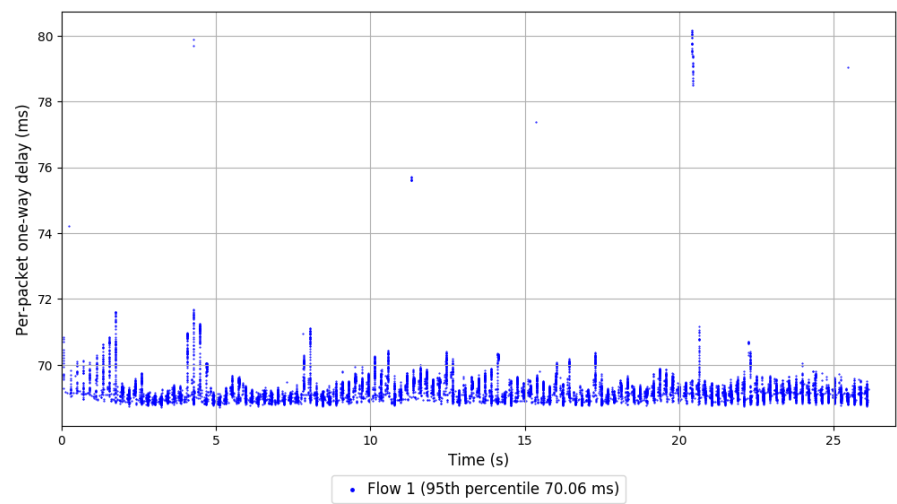
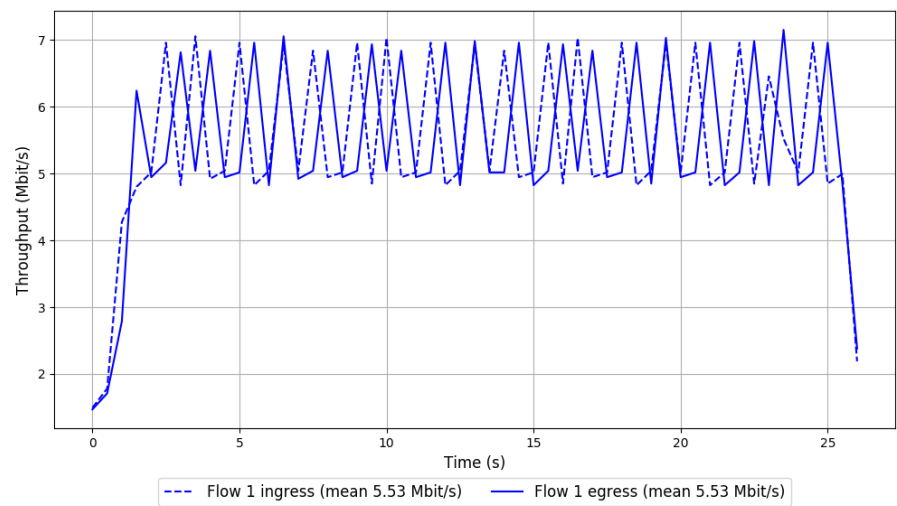
-- Flow 1:

Average throughput: 5.53 Mbit/s

95th percentile per-packet one-way delay: 70.061 ms

Loss rate: 0.00%

Run 8: Report of KohoCC — Data Link



Run 9: Statistics of KohoCC

Start at: Sun, 16 Jul 2017 21:42:12 +0000

End at: Sun, 16 Jul 2017 21:42:42 +0000

Local clock offset: -0.817 ms

Remote clock offset: 0.19 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:29:42 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.44 Mbit/s

95th percentile per-packet one-way delay: 72.798 ms

Loss rate: 0.00%

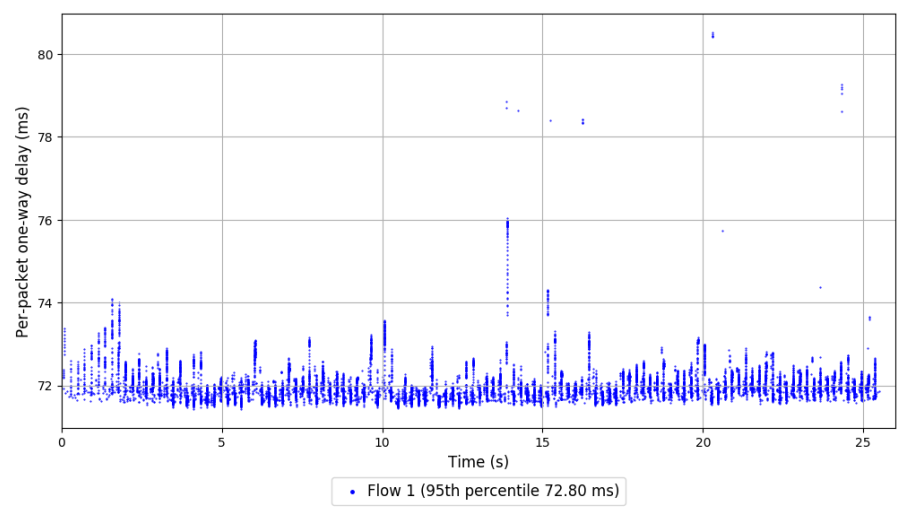
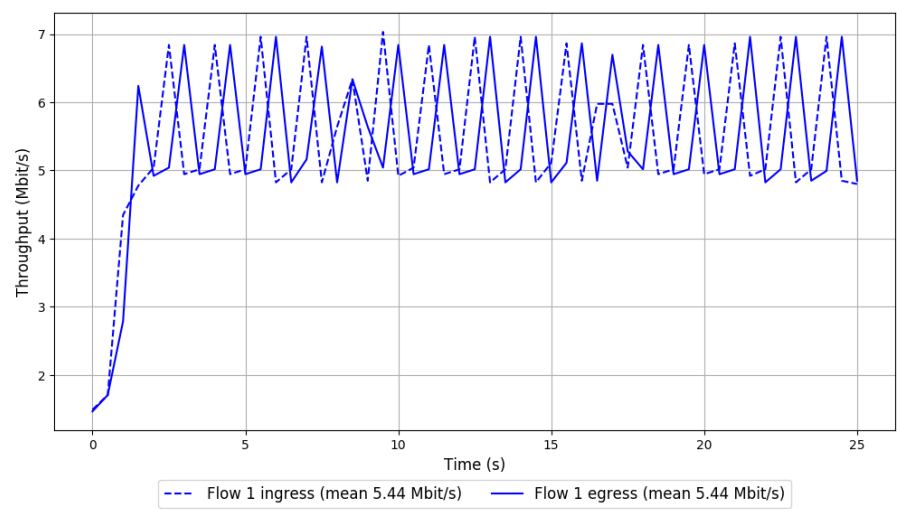
-- Flow 1:

Average throughput: 5.44 Mbit/s

95th percentile per-packet one-way delay: 72.798 ms

Loss rate: 0.00%

Run 9: Report of KohoCC — Data Link



Run 10: Statistics of KohoCC

Start at: Sun, 16 Jul 2017 22:00:25 +0000

End at: Sun, 16 Jul 2017 22:00:55 +0000

Local clock offset: -0.924 ms

Remote clock offset: -0.076 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:29:43 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.53 Mbit/s

95th percentile per-packet one-way delay: 71.586 ms

Loss rate: 0.04%

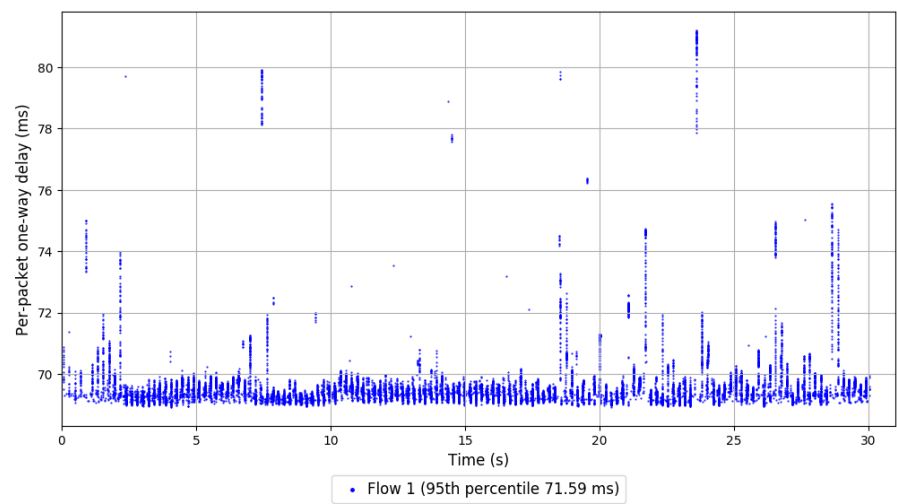
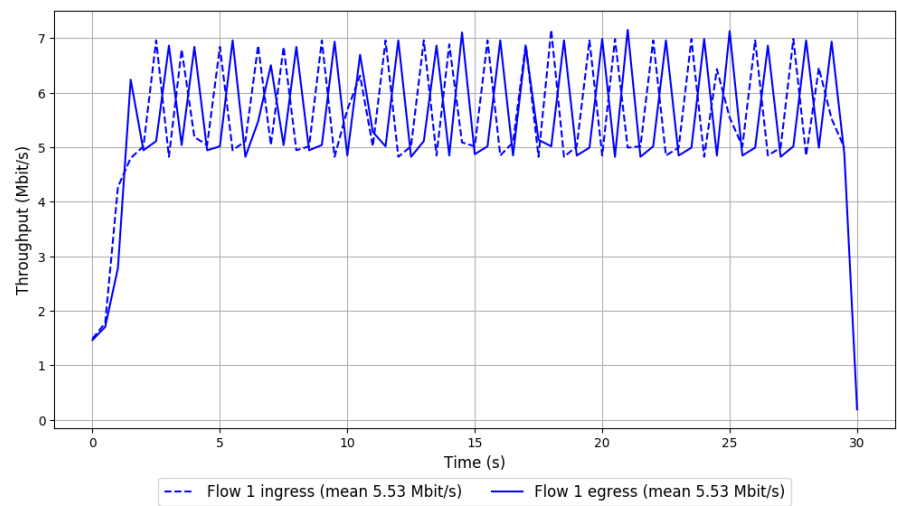
-- Flow 1:

Average throughput: 5.53 Mbit/s

95th percentile per-packet one-way delay: 71.586 ms

Loss rate: 0.04%

Run 10: Report of KohoCC — Data Link



Run 1: Statistics of LEDBAT

Start at: Sun, 16 Jul 2017 19:21:43 +0000

End at: Sun, 16 Jul 2017 19:22:13 +0000

Local clock offset: 1.373 ms

Remote clock offset: 0.337 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:29:44 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 7.96 Mbit/s

95th percentile per-packet one-way delay: 73.549 ms

Loss rate: 0.00%

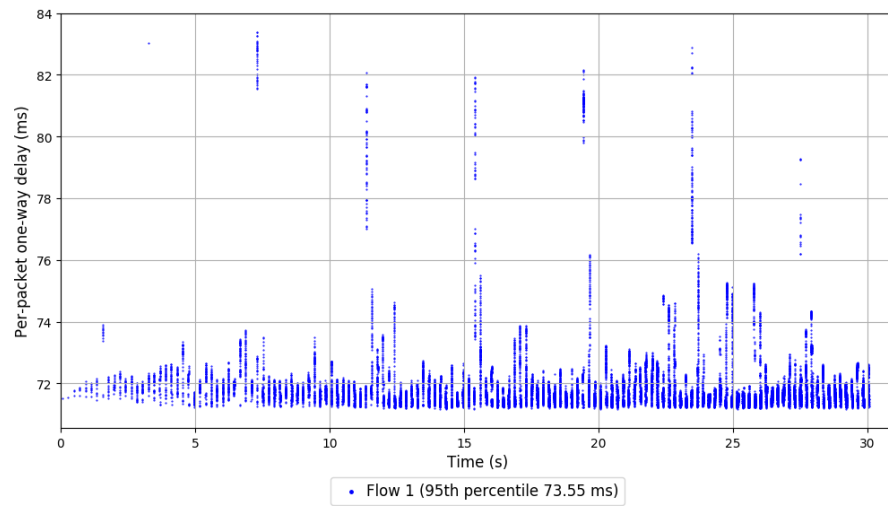
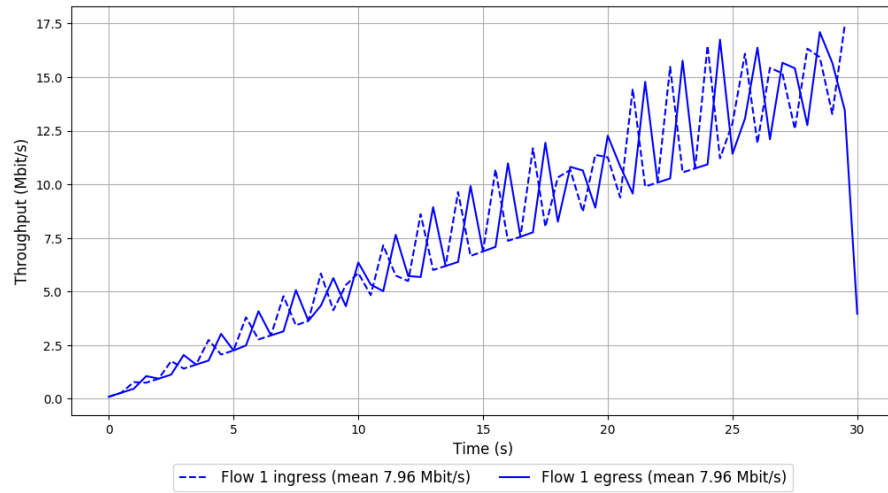
-- Flow 1:

Average throughput: 7.96 Mbit/s

95th percentile per-packet one-way delay: 73.549 ms

Loss rate: 0.00%

Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: Sun, 16 Jul 2017 19:39:55 +0000

End at: Sun, 16 Jul 2017 19:40:25 +0000

Local clock offset: 0.54 ms

Remote clock offset: 0.708 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:29:46 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.81 Mbit/s

95th percentile per-packet one-way delay: 71.132 ms

Loss rate: 0.42%

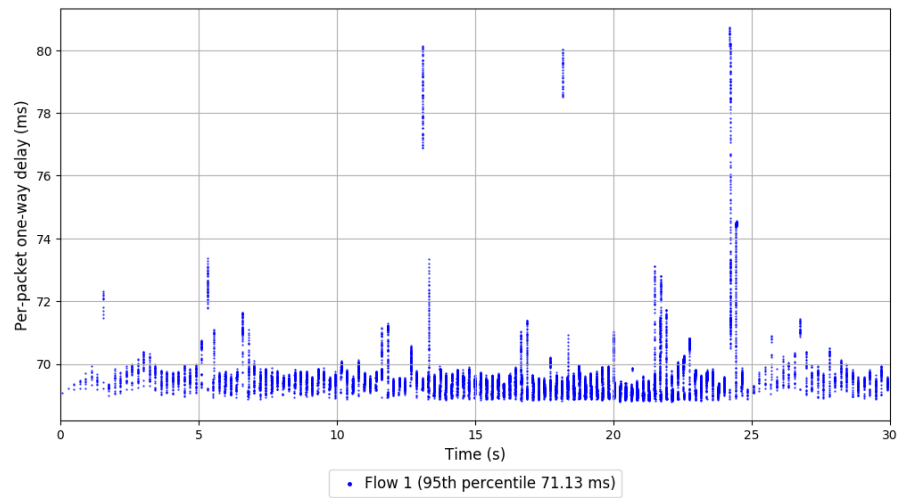
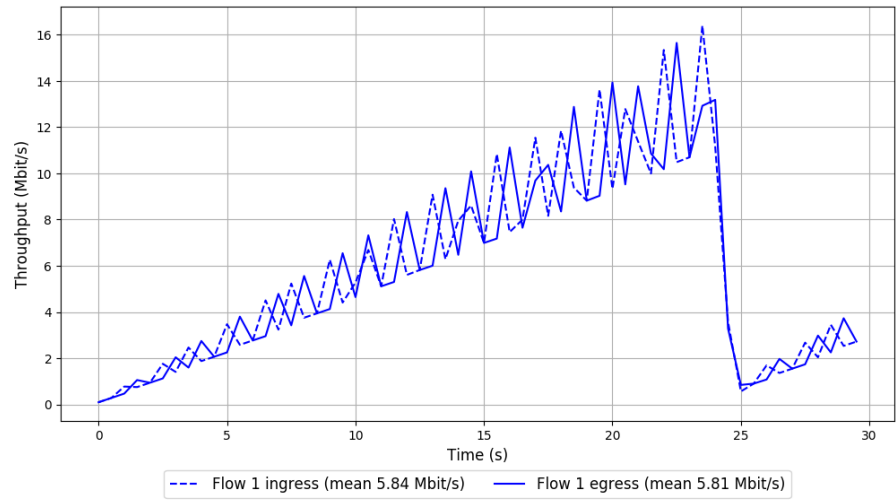
-- Flow 1:

Average throughput: 5.81 Mbit/s

95th percentile per-packet one-way delay: 71.132 ms

Loss rate: 0.42%

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: Sun, 16 Jul 2017 19:58:11 +0000

End at: Sun, 16 Jul 2017 19:58:41 +0000

Local clock offset: -0.108 ms

Remote clock offset: 0.942 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:29:46 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 7.70 Mbit/s

95th percentile per-packet one-way delay: 88.831 ms

Loss rate: 0.00%

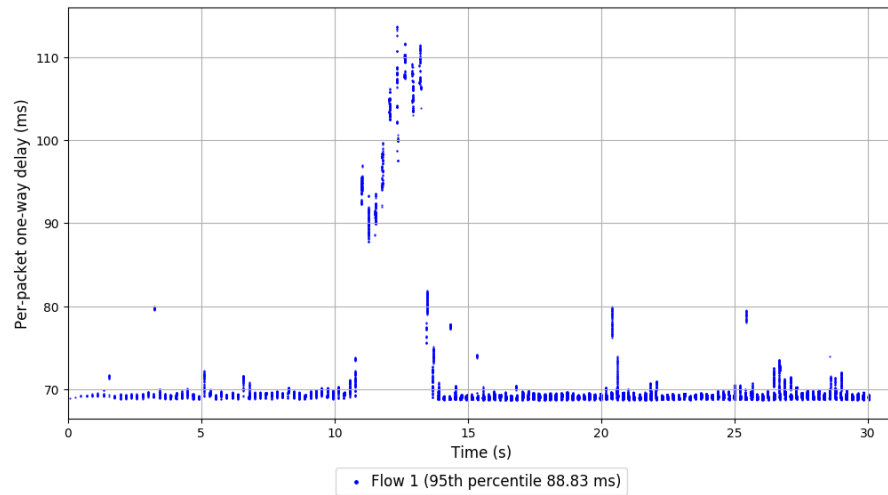
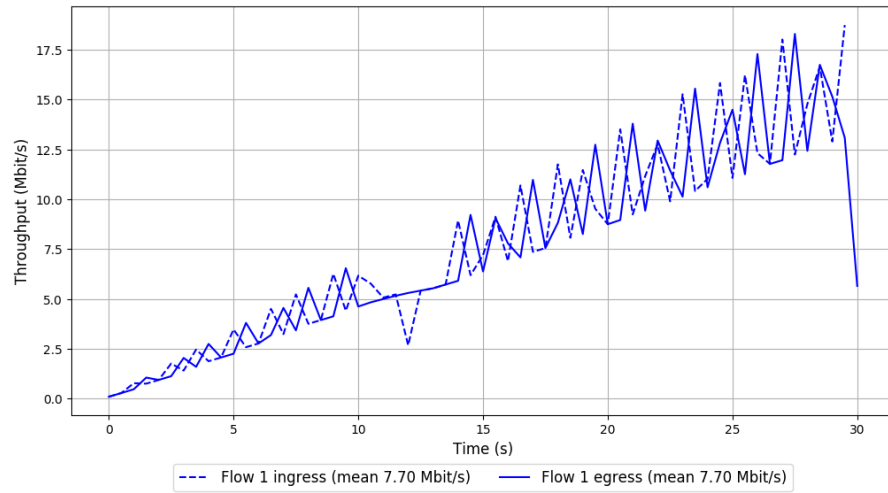
-- Flow 1:

Average throughput: 7.70 Mbit/s

95th percentile per-packet one-way delay: 88.831 ms

Loss rate: 0.00%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: Sun, 16 Jul 2017 20:16:21 +0000

End at: Sun, 16 Jul 2017 20:16:51 +0000

Local clock offset: -0.417 ms

Remote clock offset: 1.004 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:29:47 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.18 Mbit/s

95th percentile per-packet one-way delay: 71.247 ms

Loss rate: 0.38%

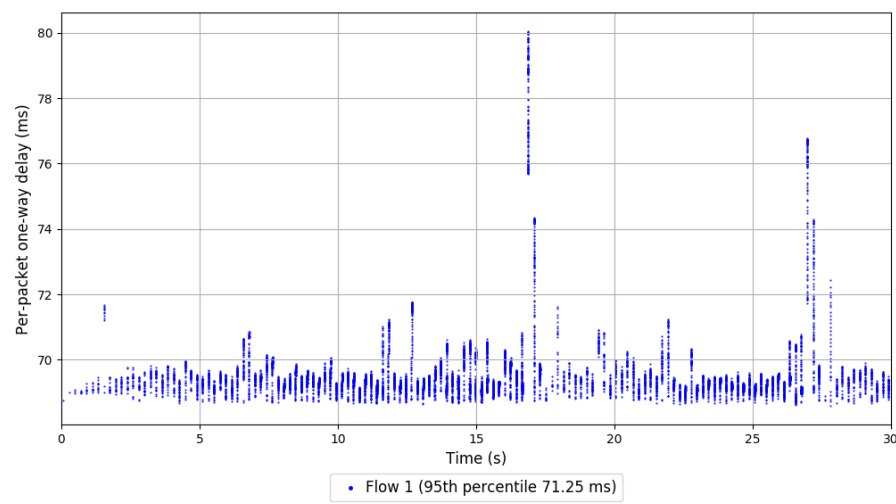
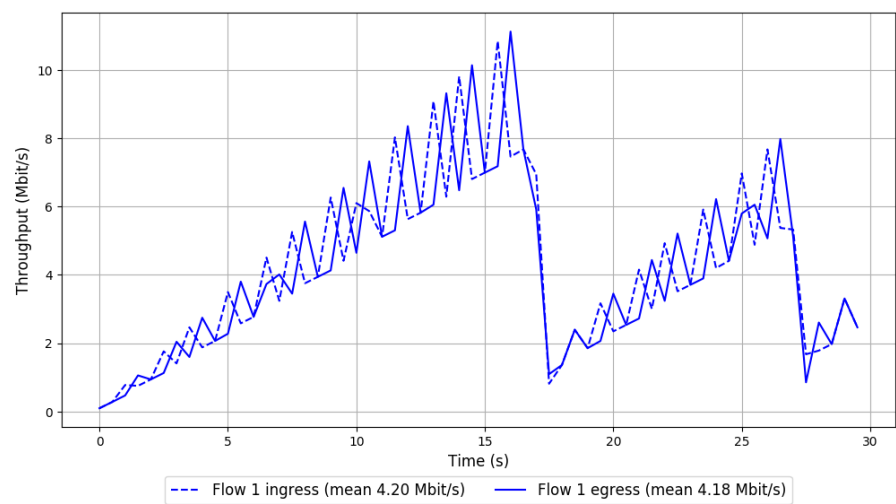
-- Flow 1:

Average throughput: 4.18 Mbit/s

95th percentile per-packet one-way delay: 71.247 ms

Loss rate: 0.38%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: Sun, 16 Jul 2017 20:34:32 +0000

End at: Sun, 16 Jul 2017 20:35:02 +0000

Local clock offset: -0.872 ms

Remote clock offset: 1.046 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:29:48 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.55 Mbit/s

95th percentile per-packet one-way delay: 73.667 ms

Loss rate: 0.21%

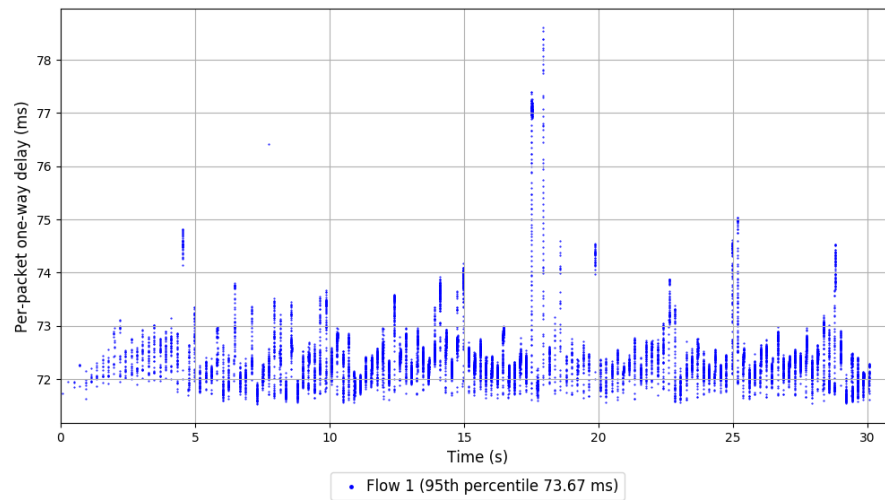
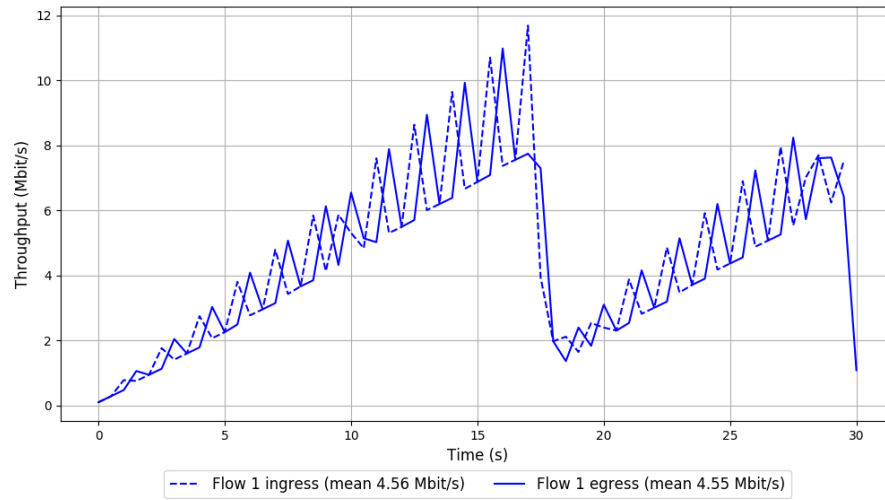
-- Flow 1:

Average throughput: 4.55 Mbit/s

95th percentile per-packet one-way delay: 73.667 ms

Loss rate: 0.21%

Run 5: Report of LEDBAT — Data Link



Run 6: Statistics of LEDBAT

Start at: Sun, 16 Jul 2017 20:52:46 +0000

End at: Sun, 16 Jul 2017 20:53:16 +0000

Local clock offset: -0.814 ms

Remote clock offset: 0.874 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:29:49 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 7.93 Mbit/s

95th percentile per-packet one-way delay: 73.154 ms

Loss rate: 0.00%

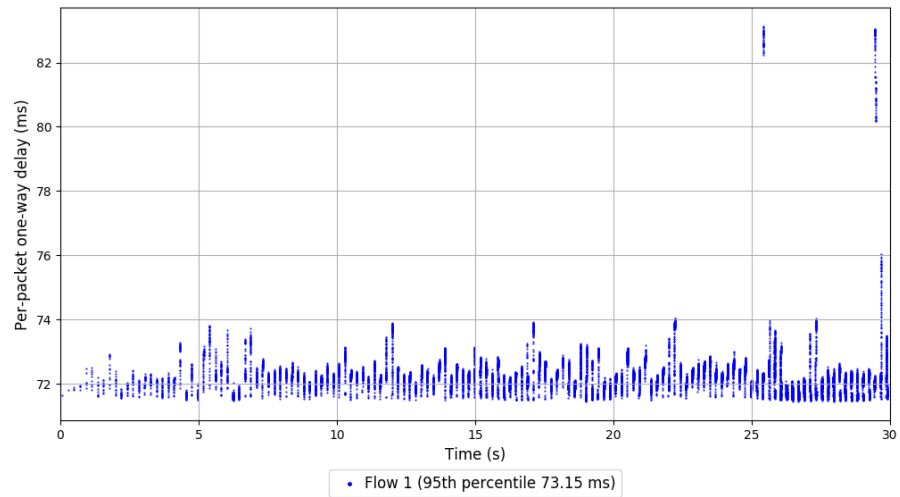
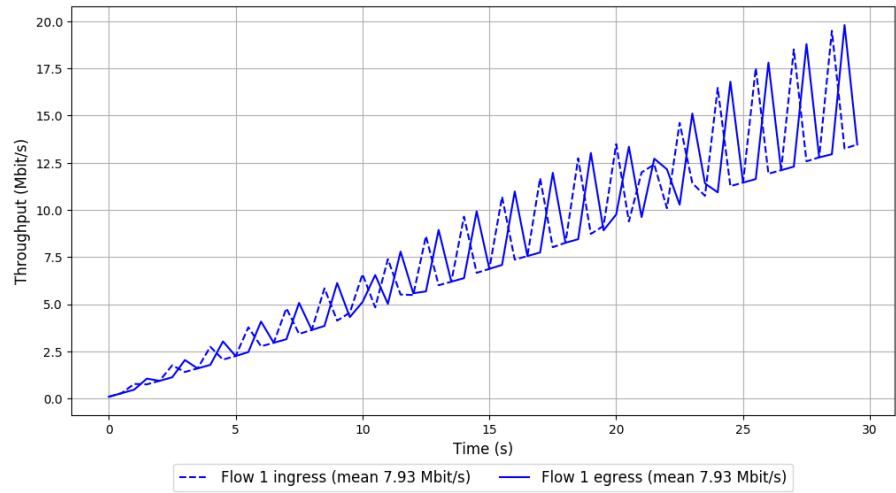
-- Flow 1:

Average throughput: 7.93 Mbit/s

95th percentile per-packet one-way delay: 73.154 ms

Loss rate: 0.00%

Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

Start at: Sun, 16 Jul 2017 21:11:01 +0000

End at: Sun, 16 Jul 2017 21:11:31 +0000

Local clock offset: -0.883 ms

Remote clock offset: 0.714 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:29:50 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 7.93 Mbit/s

95th percentile per-packet one-way delay: 73.693 ms

Loss rate: 0.04%

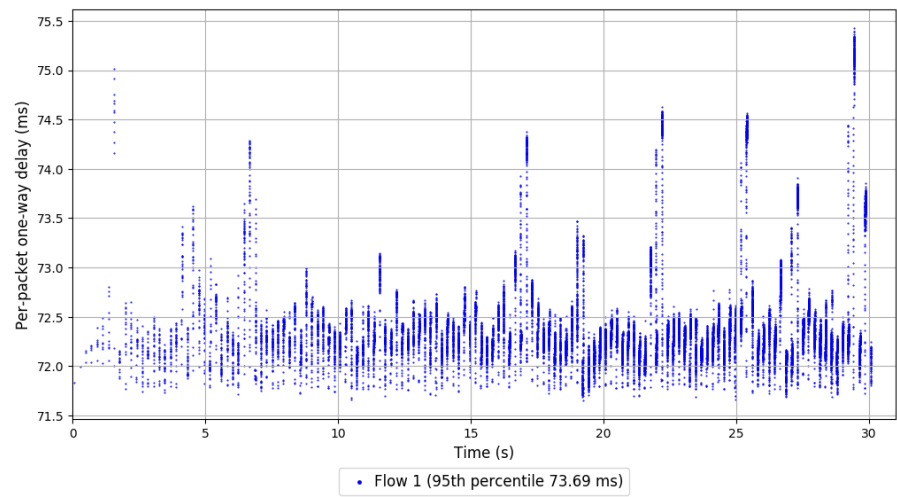
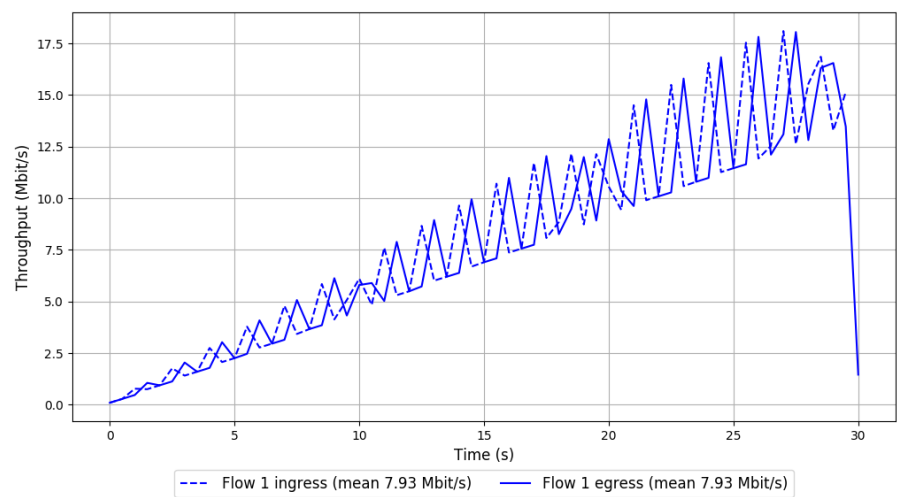
-- Flow 1:

Average throughput: 7.93 Mbit/s

95th percentile per-packet one-way delay: 73.693 ms

Loss rate: 0.04%

Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: Sun, 16 Jul 2017 21:29:04 +0000

End at: Sun, 16 Jul 2017 21:29:34 +0000

Local clock offset: 0.475 ms

Remote clock offset: 0.396 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:29:51 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.93 Mbit/s

95th percentile per-packet one-way delay: 71.975 ms

Loss rate: 0.20%

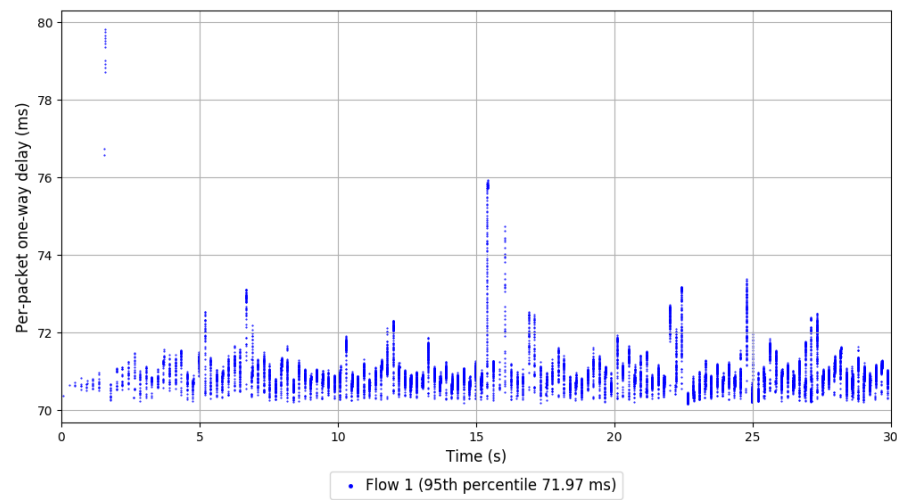
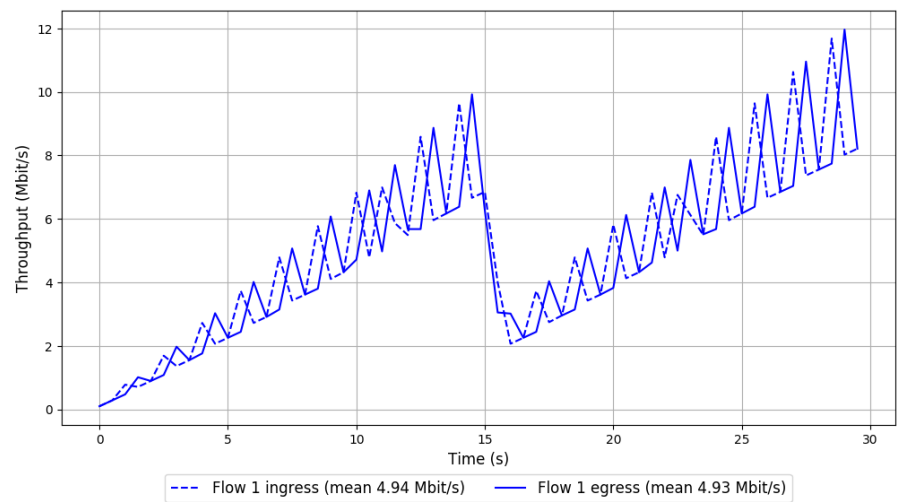
-- Flow 1:

Average throughput: 4.93 Mbit/s

95th percentile per-packet one-way delay: 71.975 ms

Loss rate: 0.20%

Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

Start at: Sun, 16 Jul 2017 21:47:11 +0000

End at: Sun, 16 Jul 2017 21:47:41 +0000

Local clock offset: -0.814 ms

Remote clock offset: 0.121 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:29:52 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.44 Mbit/s

95th percentile per-packet one-way delay: 71.312 ms

Loss rate: 0.36%

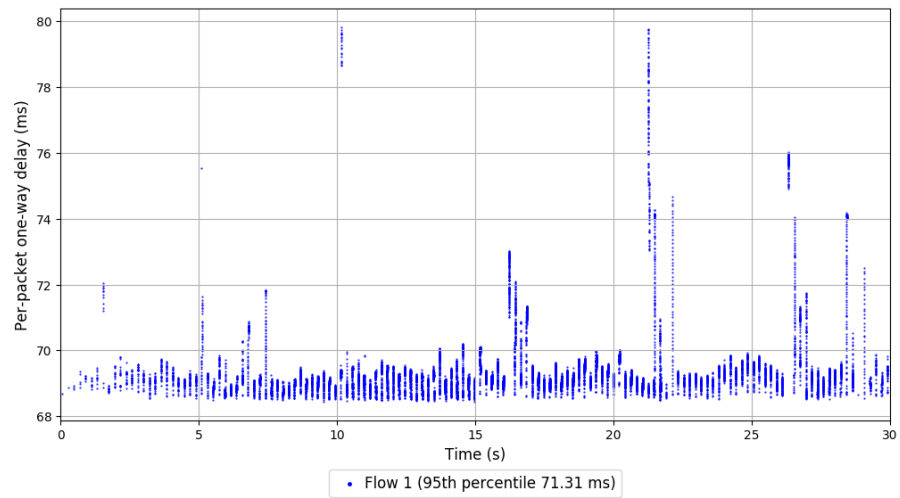
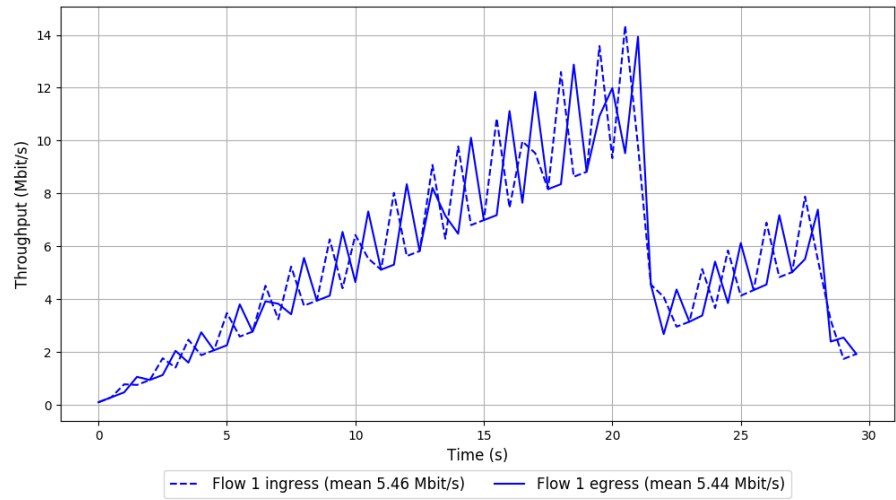
-- Flow 1:

Average throughput: 5.44 Mbit/s

95th percentile per-packet one-way delay: 71.312 ms

Loss rate: 0.36%

Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: Sun, 16 Jul 2017 22:05:22 +0000

End at: Sun, 16 Jul 2017 22:05:52 +0000

Local clock offset: -0.72 ms

Remote clock offset: -0.168 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:29:53 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.76 Mbit/s

95th percentile per-packet one-way delay: 72.712 ms

Loss rate: 0.32%

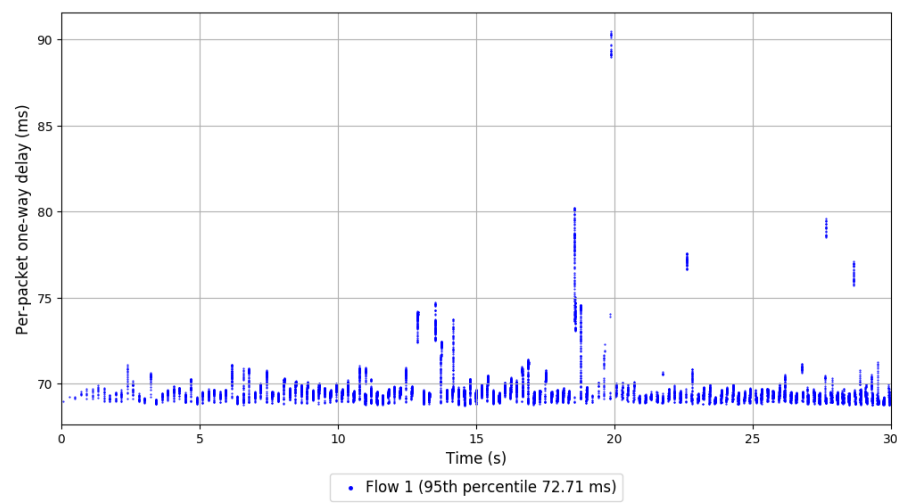
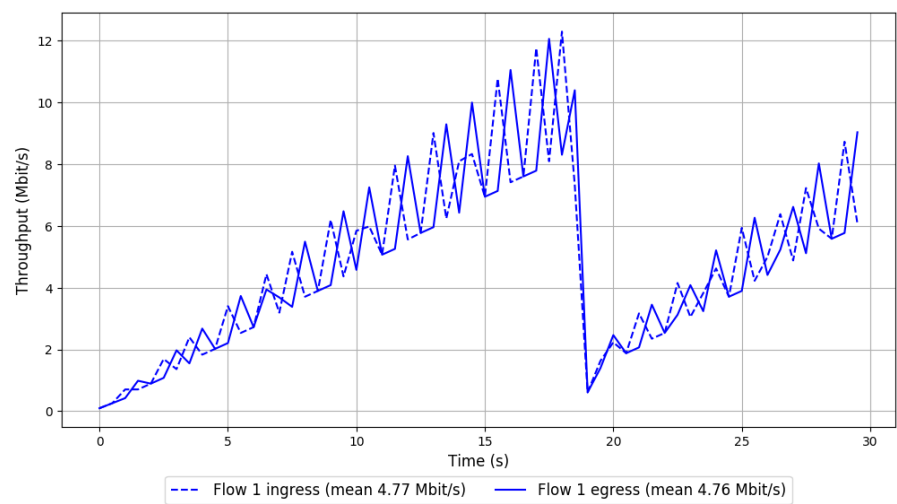
-- Flow 1:

Average throughput: 4.76 Mbit/s

95th percentile per-packet one-way delay: 72.712 ms

Loss rate: 0.32%

Run 10: Report of LEDBAT — Data Link



Run 1: Statistics of PCC

Start at: Sun, 16 Jul 2017 19:22:54 +0000

End at: Sun, 16 Jul 2017 19:23:24 +0000

Local clock offset: 2.672 ms

Remote clock offset: 0.362 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:30:03 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.97 Mbit/s

95th percentile per-packet one-way delay: 72.821 ms

Loss rate: 2.08%

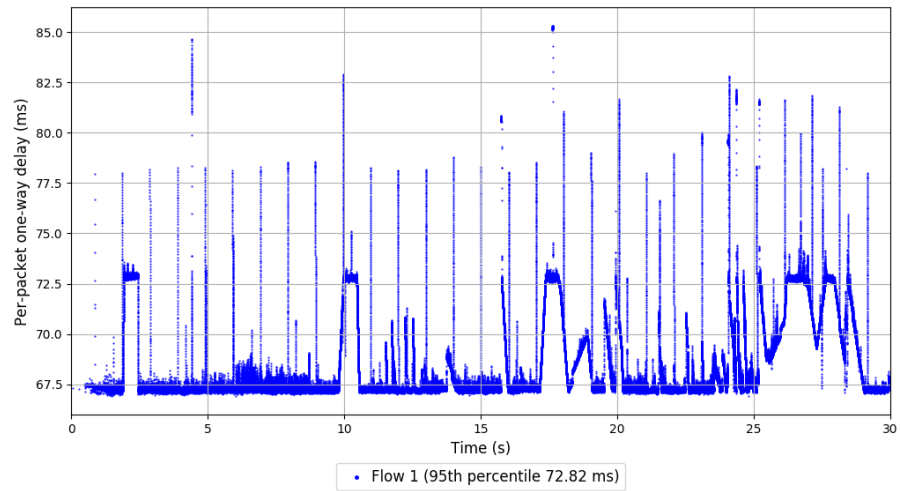
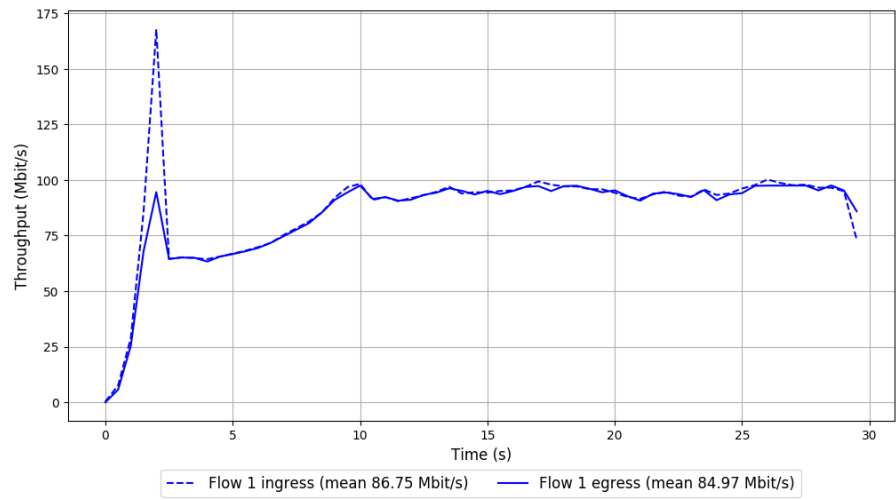
-- Flow 1:

Average throughput: 84.97 Mbit/s

95th percentile per-packet one-way delay: 72.821 ms

Loss rate: 2.08%

Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

Start at: Sun, 16 Jul 2017 19:41:06 +0000

End at: Sun, 16 Jul 2017 19:41:36 +0000

Local clock offset: 1.978 ms

Remote clock offset: 0.721 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:30:04 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.37 Mbit/s

95th percentile per-packet one-way delay: 75.533 ms

Loss rate: 2.01%

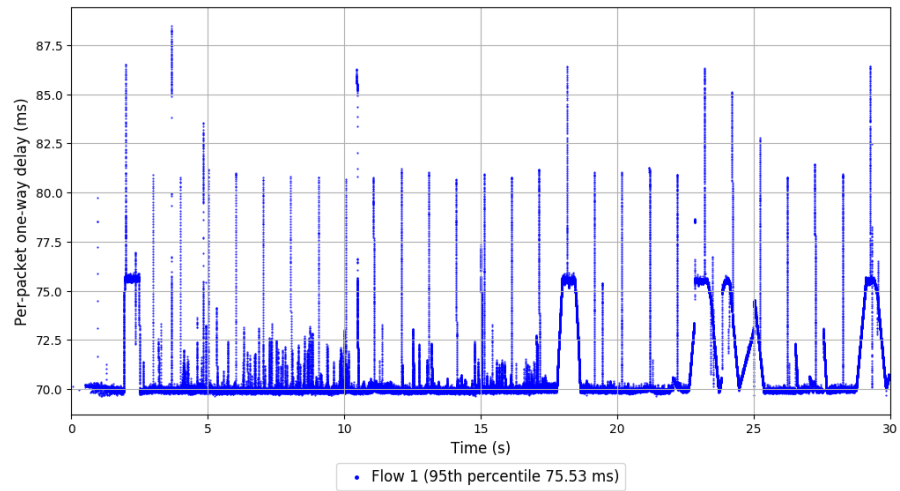
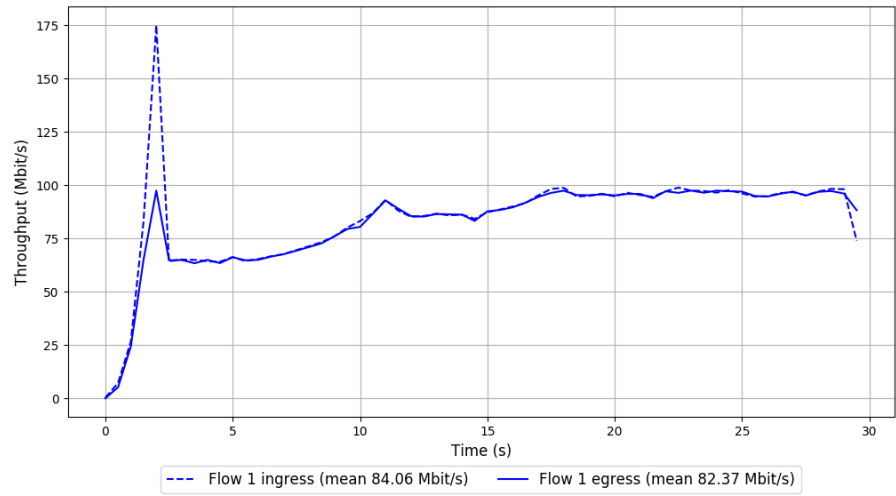
-- Flow 1:

Average throughput: 82.37 Mbit/s

95th percentile per-packet one-way delay: 75.533 ms

Loss rate: 2.01%

Run 2: Report of PCC — Data Link



Run 3: Statistics of PCC

Start at: Sun, 16 Jul 2017 19:59:22 +0000

End at: Sun, 16 Jul 2017 19:59:52 +0000

Local clock offset: -0.13 ms

Remote clock offset: 0.921 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:30:14 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.09 Mbit/s

95th percentile per-packet one-way delay: 71.694 ms

Loss rate: 2.08%

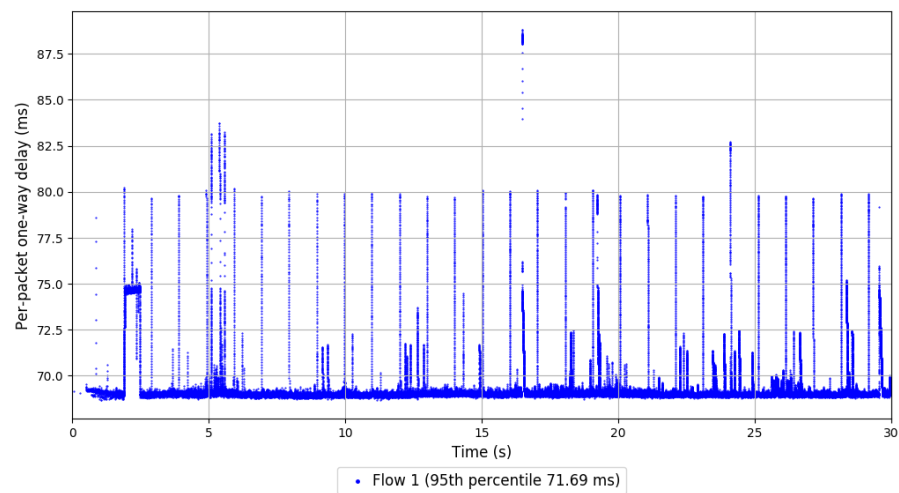
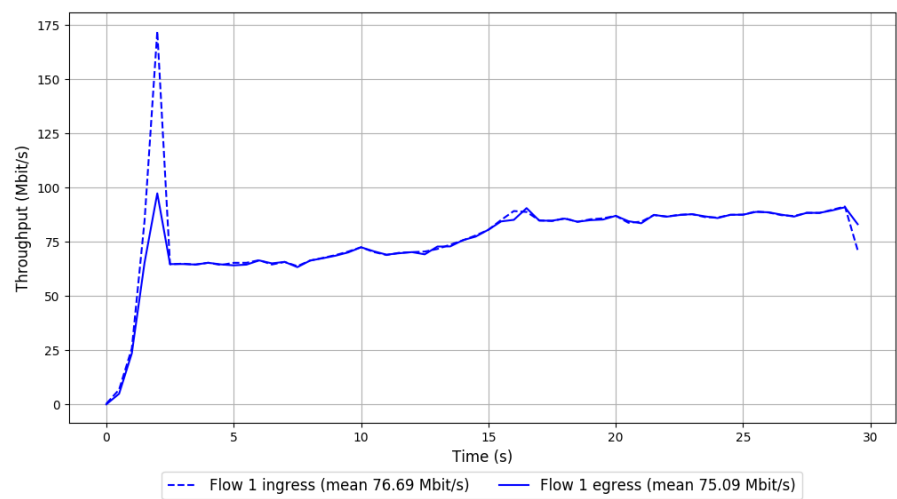
-- Flow 1:

Average throughput: 75.09 Mbit/s

95th percentile per-packet one-way delay: 71.694 ms

Loss rate: 2.08%

Run 3: Report of PCC — Data Link



Run 4: Statistics of PCC

Start at: Sun, 16 Jul 2017 20:17:31 +0000

End at: Sun, 16 Jul 2017 20:18:01 +0000

Local clock offset: -0.524 ms

Remote clock offset: 0.957 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:30:15 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.54 Mbit/s

95th percentile per-packet one-way delay: 77.398 ms

Loss rate: 2.04%

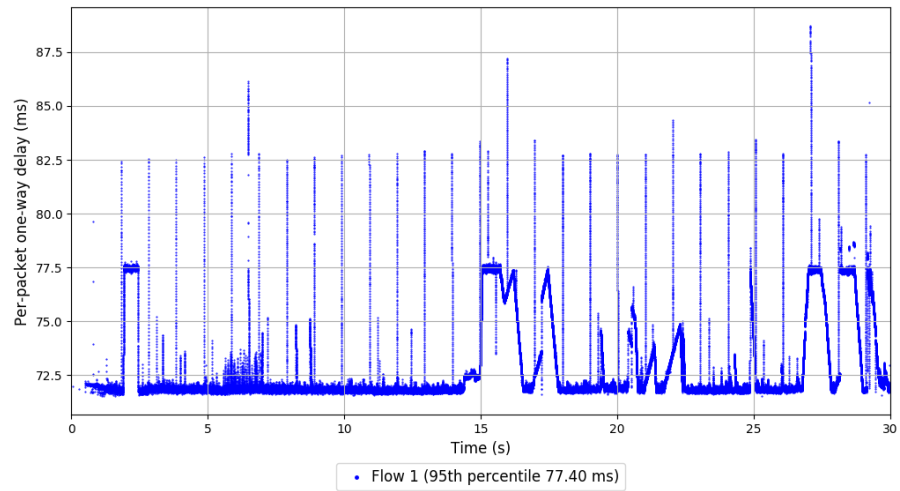
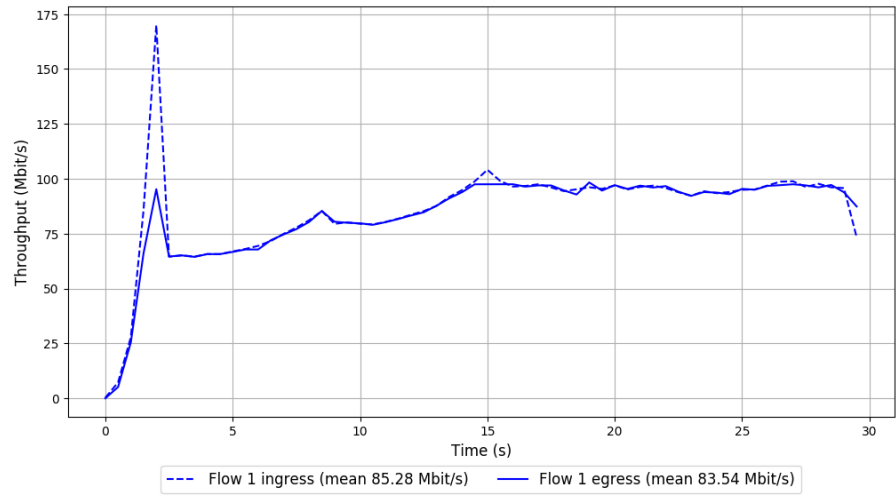
-- Flow 1:

Average throughput: 83.54 Mbit/s

95th percentile per-packet one-way delay: 77.398 ms

Loss rate: 2.04%

Run 4: Report of PCC — Data Link



Run 5: Statistics of PCC

Start at: Sun, 16 Jul 2017 20:35:43 +0000

End at: Sun, 16 Jul 2017 20:36:13 +0000

Local clock offset: -0.707 ms

Remote clock offset: 1.02 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:30:26 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.83 Mbit/s

95th percentile per-packet one-way delay: 73.983 ms

Loss rate: 1.82%

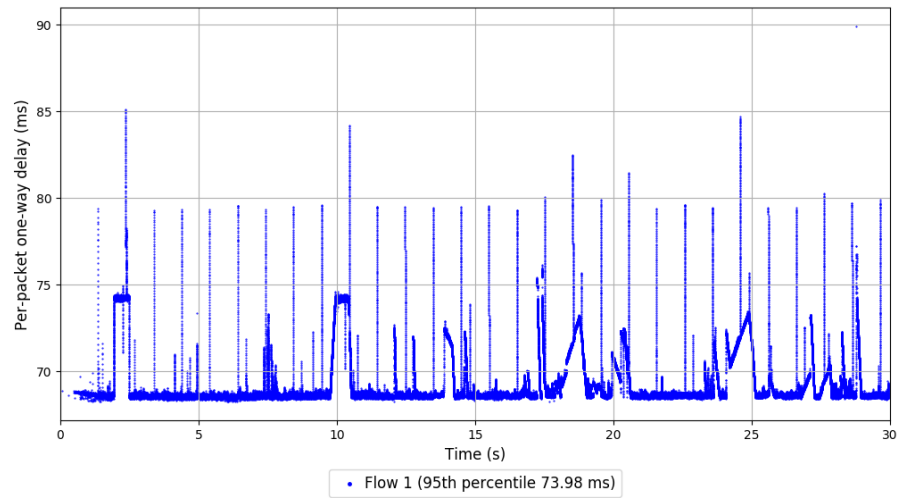
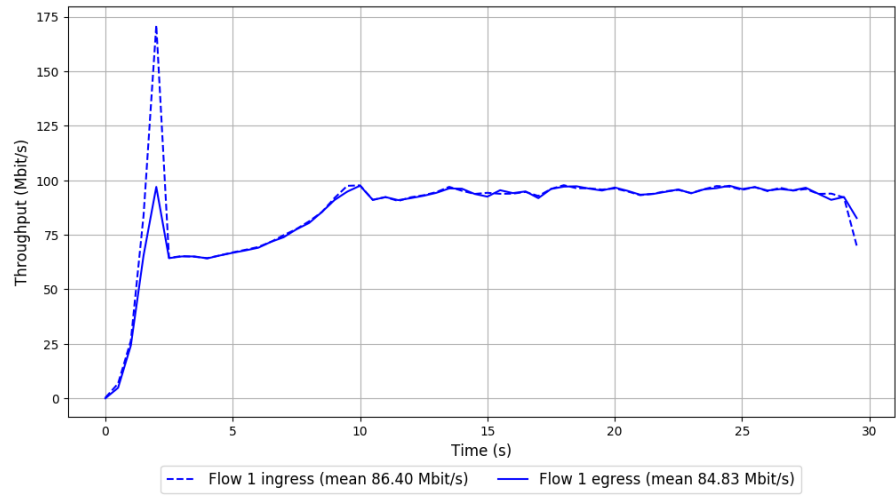
-- Flow 1:

Average throughput: 84.83 Mbit/s

95th percentile per-packet one-way delay: 73.983 ms

Loss rate: 1.82%

Run 5: Report of PCC — Data Link



Run 6: Statistics of PCC

Start at: Sun, 16 Jul 2017 20:53:57 +0000

End at: Sun, 16 Jul 2017 20:54:27 +0000

Local clock offset: 0.577 ms

Remote clock offset: 0.887 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:30:27 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.97 Mbit/s

95th percentile per-packet one-way delay: 72.780 ms

Loss rate: 1.96%

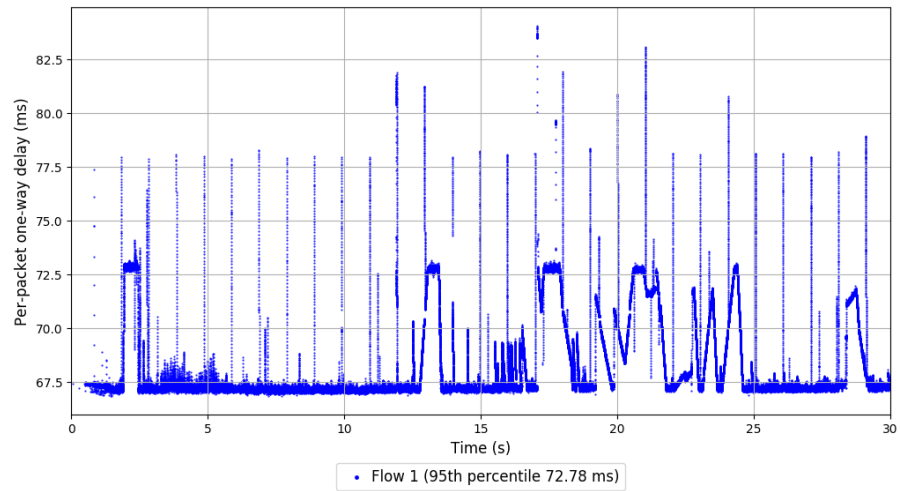
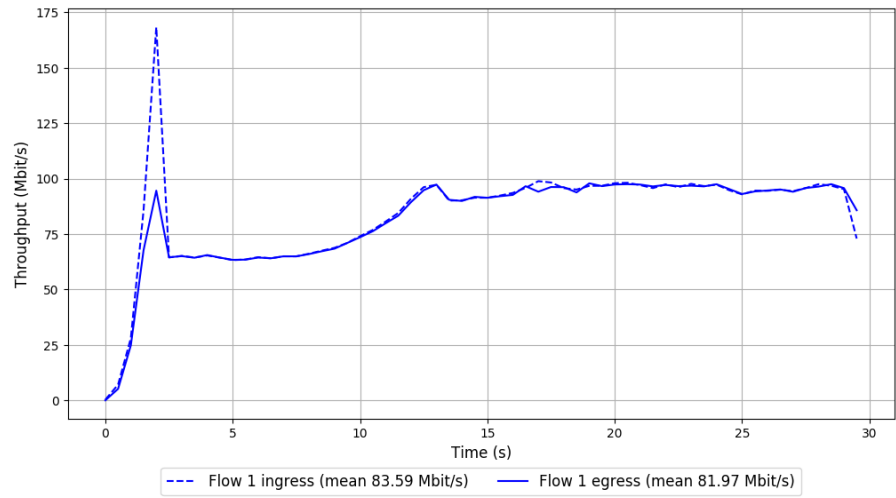
-- Flow 1:

Average throughput: 81.97 Mbit/s

95th percentile per-packet one-way delay: 72.780 ms

Loss rate: 1.96%

Run 6: Report of PCC — Data Link



Run 7: Statistics of PCC

Start at: Sun, 16 Jul 2017 21:12:12 +0000

End at: Sun, 16 Jul 2017 21:12:42 +0000

Local clock offset: 0.375 ms

Remote clock offset: 0.7 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:30:38 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.74 Mbit/s

95th percentile per-packet one-way delay: 72.943 ms

Loss rate: 1.93%

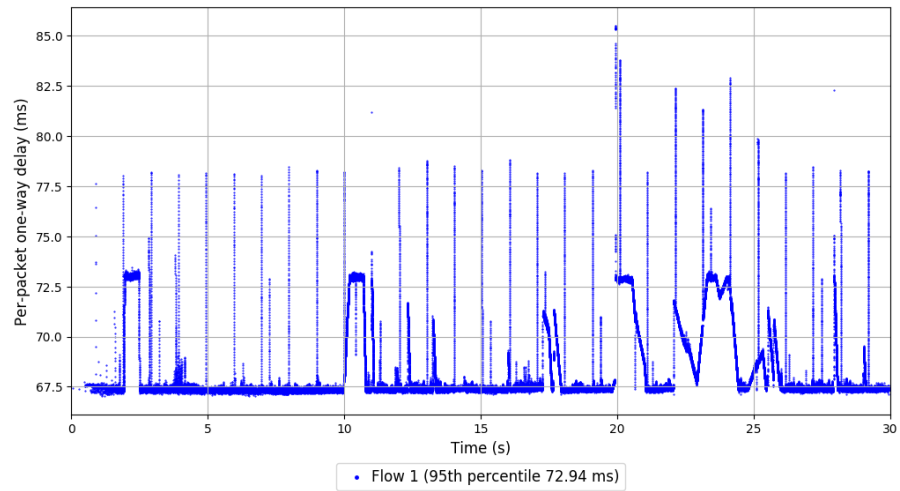
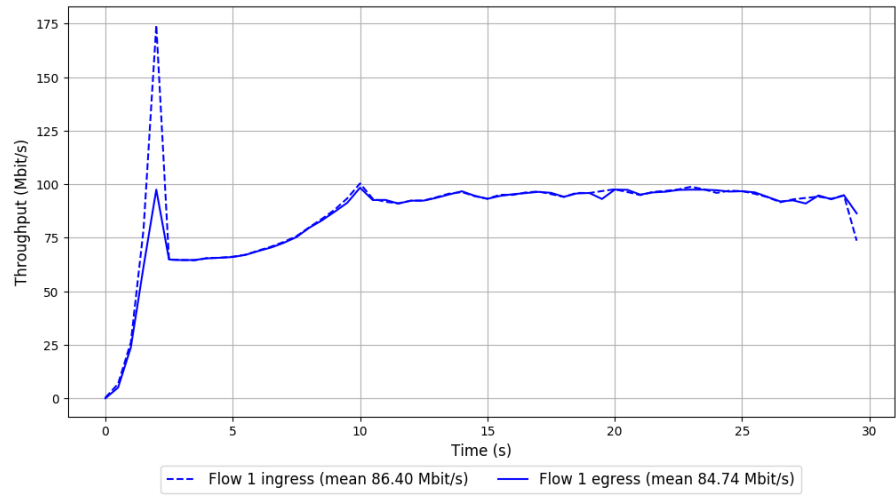
-- Flow 1:

Average throughput: 84.74 Mbit/s

95th percentile per-packet one-way delay: 72.943 ms

Loss rate: 1.93%

Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

Start at: Sun, 16 Jul 2017 21:30:14 +0000

End at: Sun, 16 Jul 2017 21:30:44 +0000

Local clock offset: 0.444 ms

Remote clock offset: 0.418 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:30:38 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.66 Mbit/s

95th percentile per-packet one-way delay: 75.929 ms

Loss rate: 2.08%

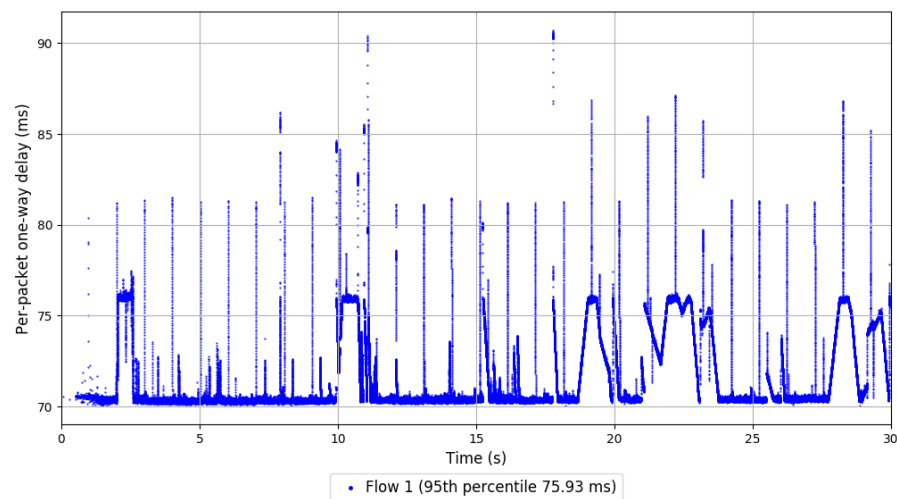
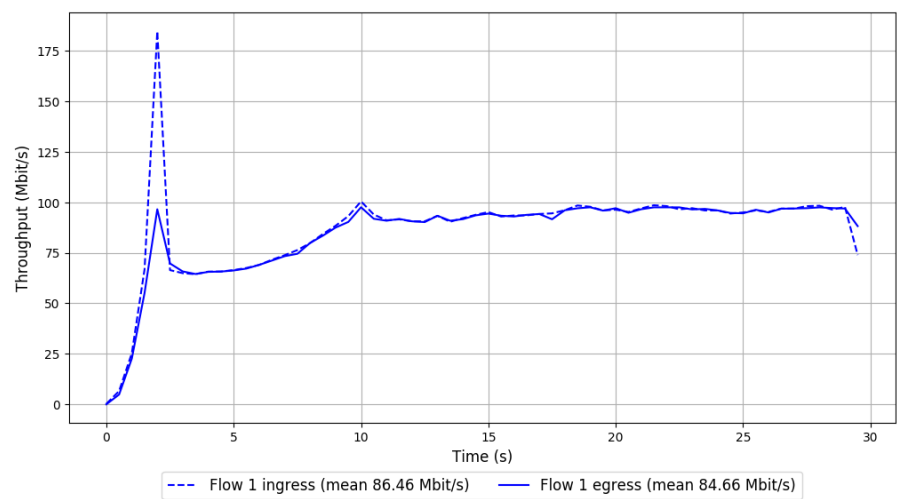
-- Flow 1:

Average throughput: 84.66 Mbit/s

95th percentile per-packet one-way delay: 75.929 ms

Loss rate: 2.08%

Run 8: Report of PCC — Data Link



Run 9: Statistics of PCC

Start at: Sun, 16 Jul 2017 21:48:21 +0000

End at: Sun, 16 Jul 2017 21:48:51 +0000

Local clock offset: -1.113 ms

Remote clock offset: 0.11 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:30:49 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 76.42 Mbit/s

95th percentile per-packet one-way delay: 77.149 ms

Loss rate: 2.10%

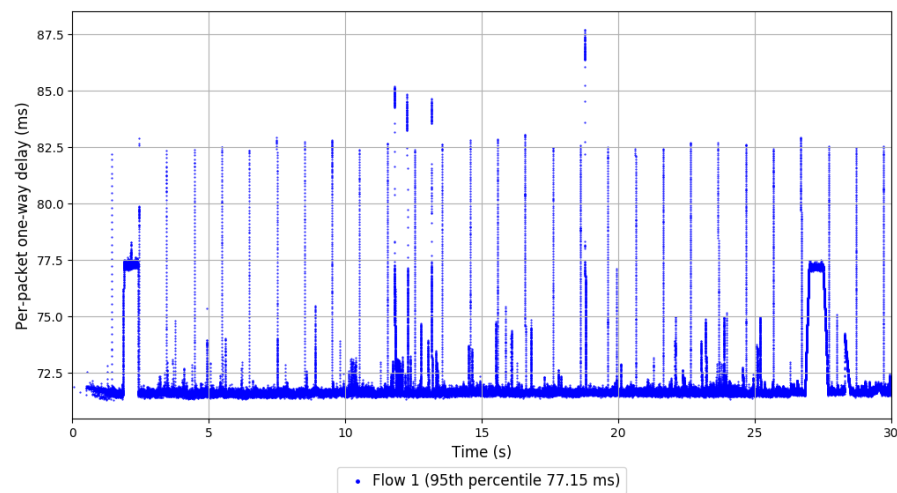
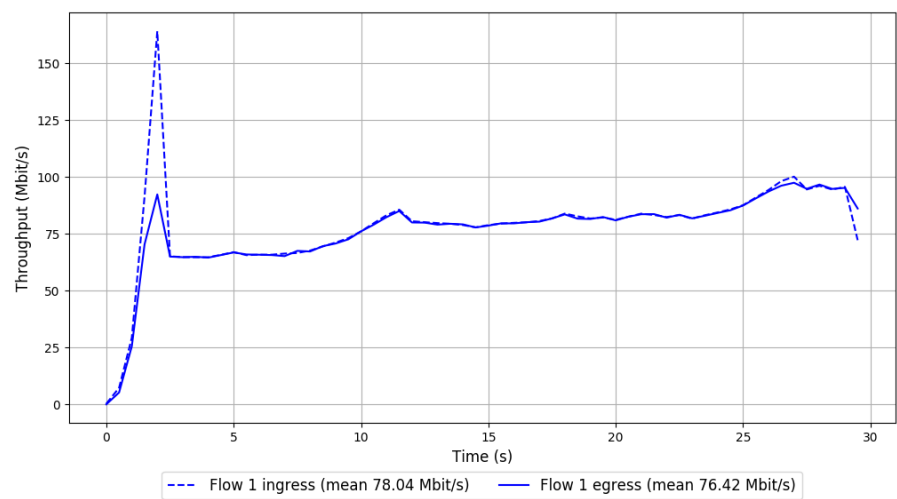
-- Flow 1:

Average throughput: 76.42 Mbit/s

95th percentile per-packet one-way delay: 77.149 ms

Loss rate: 2.10%

Run 9: Report of PCC — Data Link



Run 10: Statistics of PCC

Start at: Sun, 16 Jul 2017 22:06:32 +0000

End at: Sun, 16 Jul 2017 22:07:02 +0000

Local clock offset: -0.824 ms

Remote clock offset: -0.08 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:30:50 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.09 Mbit/s

95th percentile per-packet one-way delay: 77.459 ms

Loss rate: 1.98%

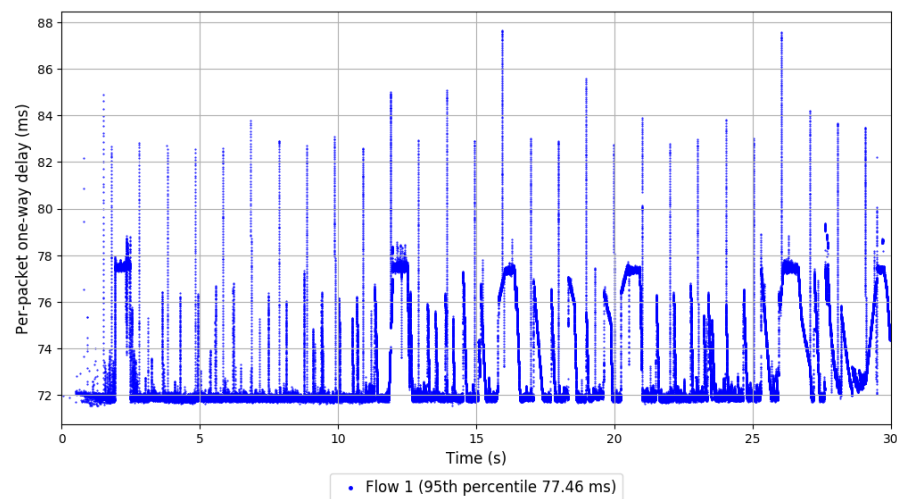
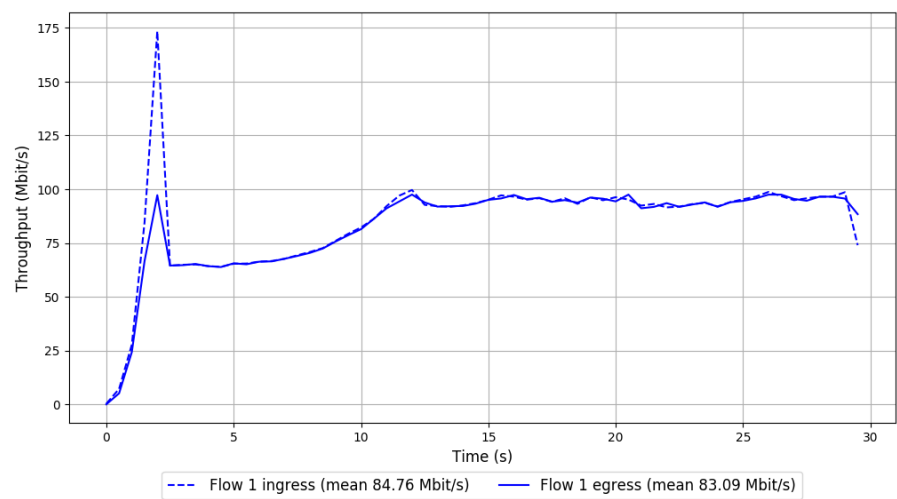
-- Flow 1:

Average throughput: 83.09 Mbit/s

95th percentile per-packet one-way delay: 77.459 ms

Loss rate: 1.98%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

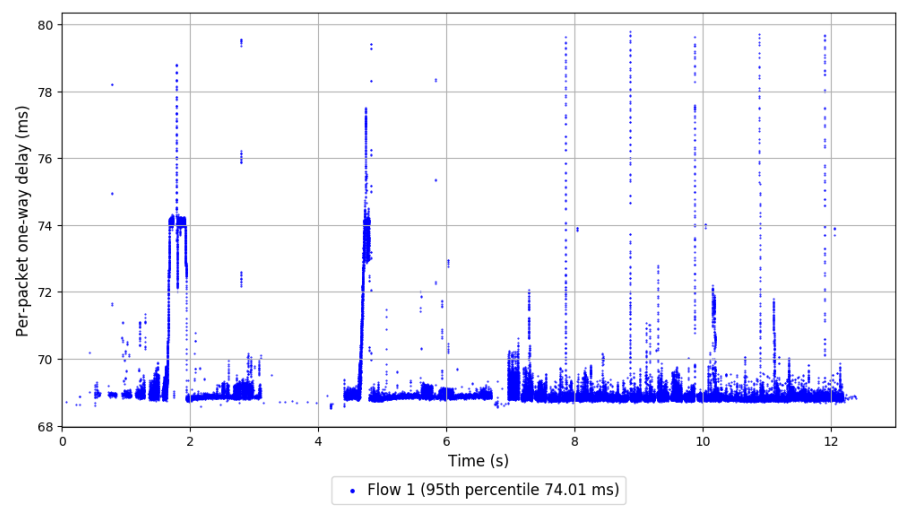
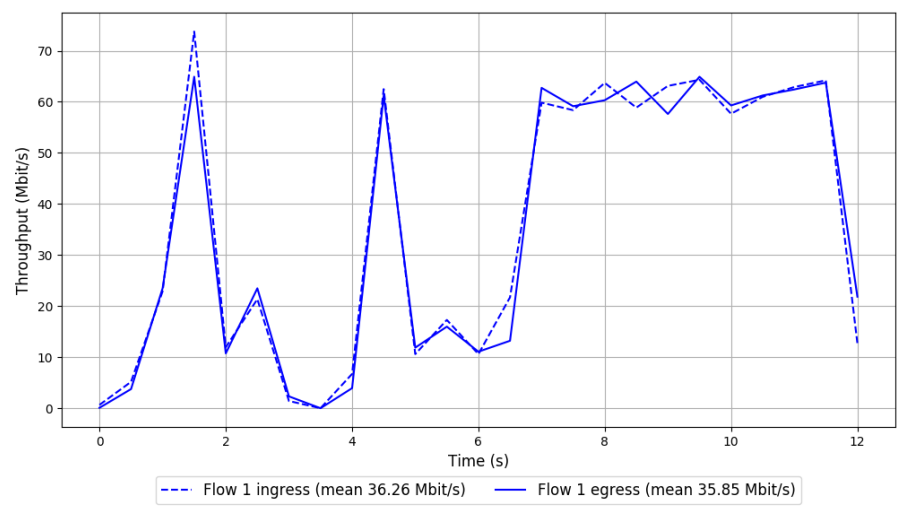
Start at: Sun, 16 Jul 2017 19:13:04 +0000

End at: Sun, 16 Jul 2017 19:13:34 +0000

Local clock offset: 1.646 ms

Remote clock offset: 0.076 ms

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

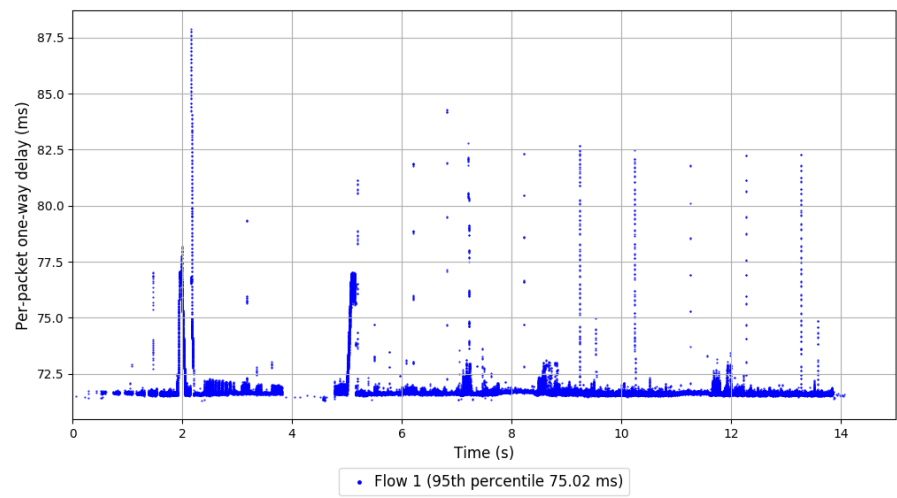
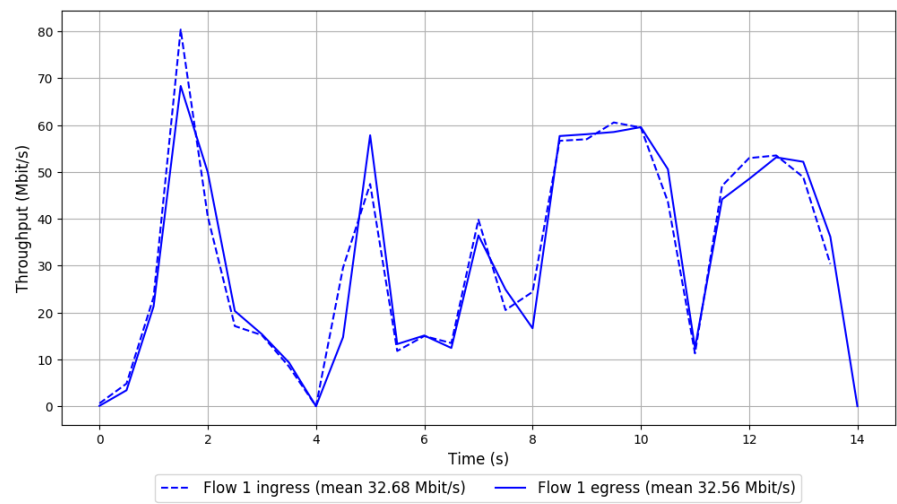
Start at: Sun, 16 Jul 2017 19:31:17 +0000

End at: Sun, 16 Jul 2017 19:31:47 +0000

Local clock offset: 0.9 ms

Remote clock offset: 0.479 ms

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

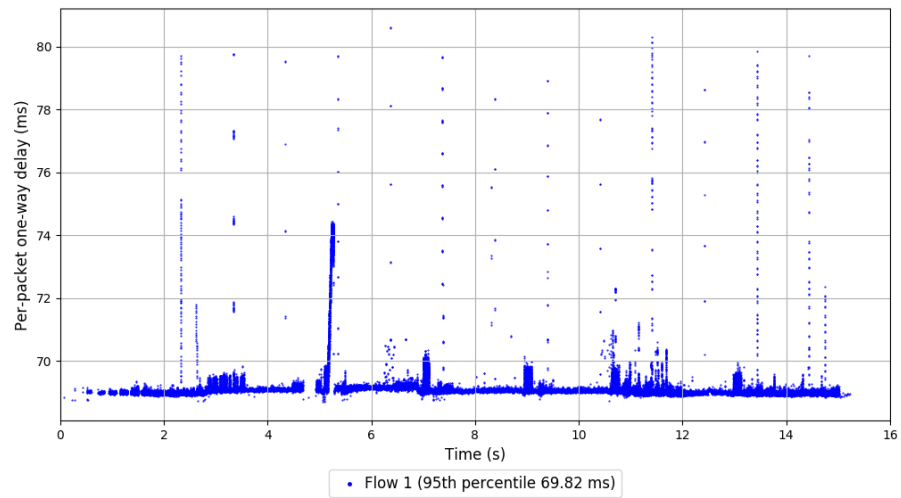
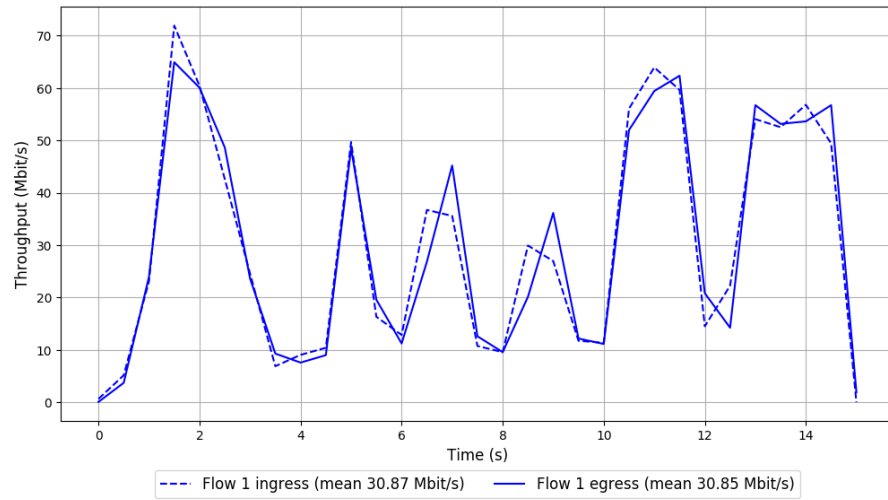
Start at: Sun, 16 Jul 2017 19:49:31 +0000

End at: Sun, 16 Jul 2017 19:50:01 +0000

Local clock offset: 0.009 ms

Remote clock offset: 0.866 ms

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

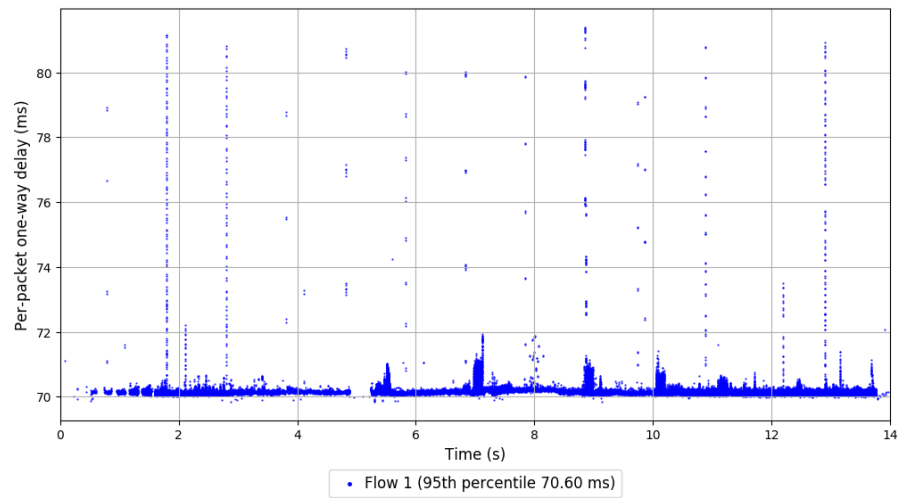
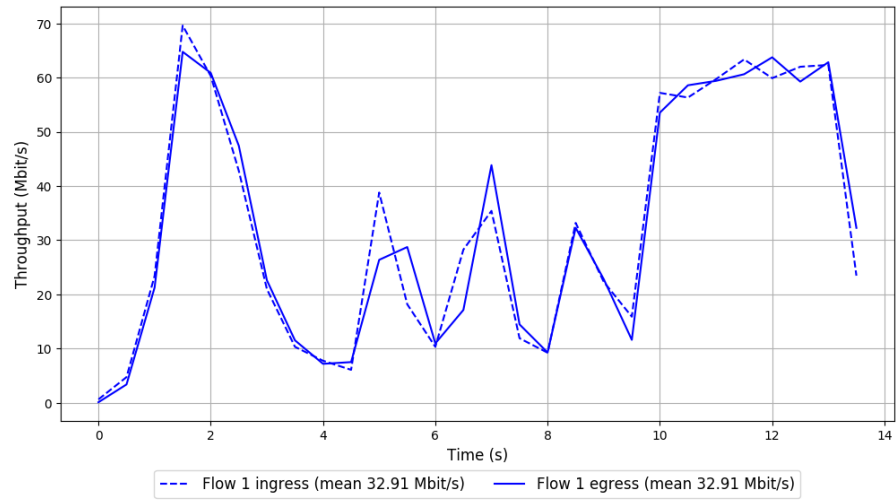
Start at: Sun, 16 Jul 2017 20:07:44 +0000

End at: Sun, 16 Jul 2017 20:08:14 +0000

Local clock offset: 1.277 ms

Remote clock offset: 0.934 ms

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

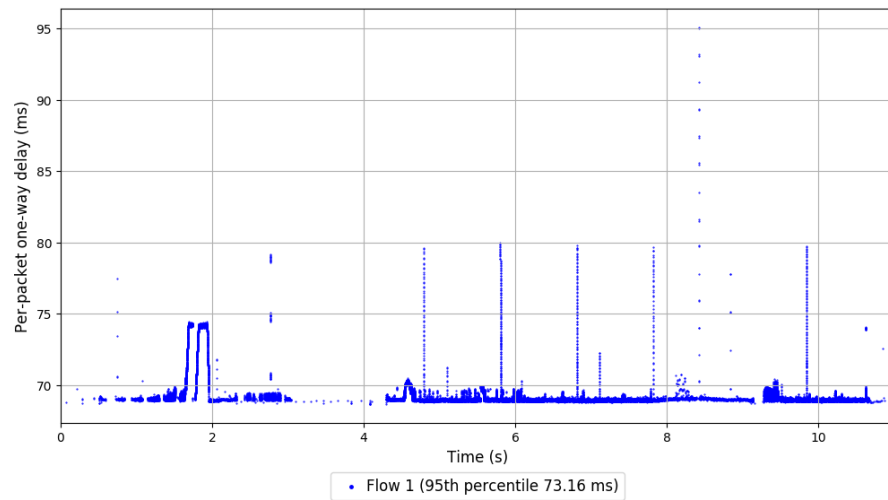
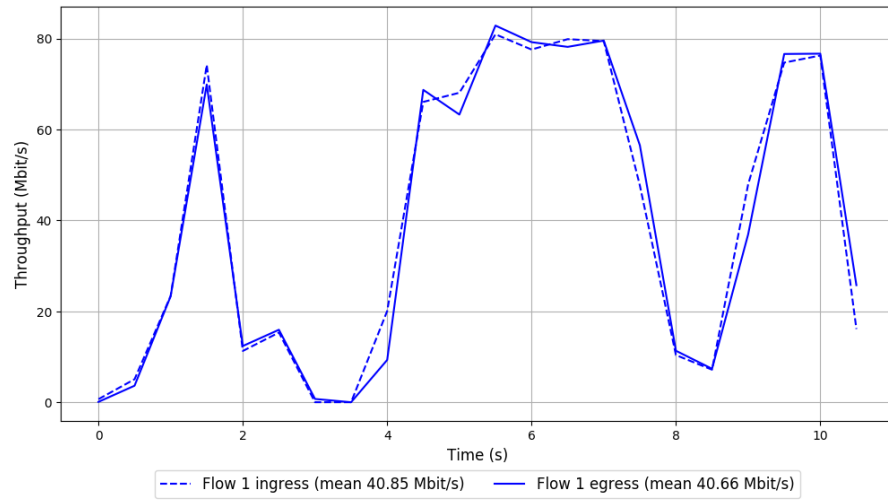
Start at: Sun, 16 Jul 2017 20:25:56 +0000

End at: Sun, 16 Jul 2017 20:26:26 +0000

Local clock offset: -0.653 ms

Remote clock offset: 0.967 ms

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

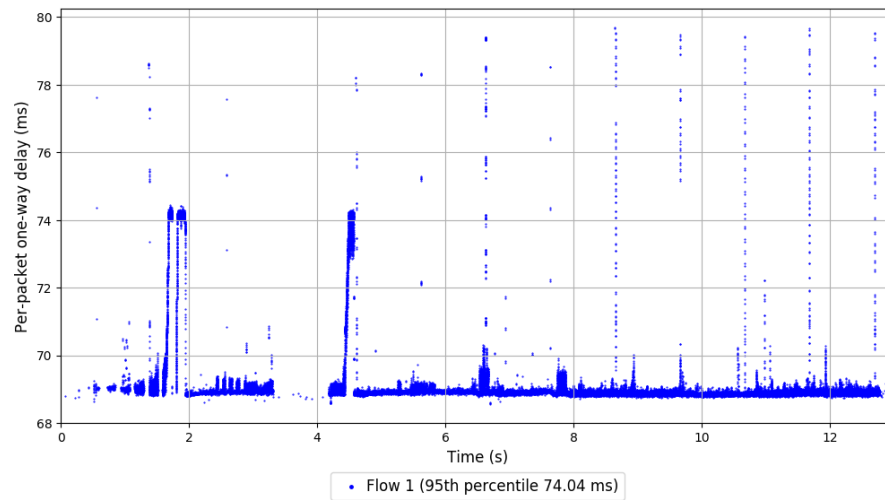
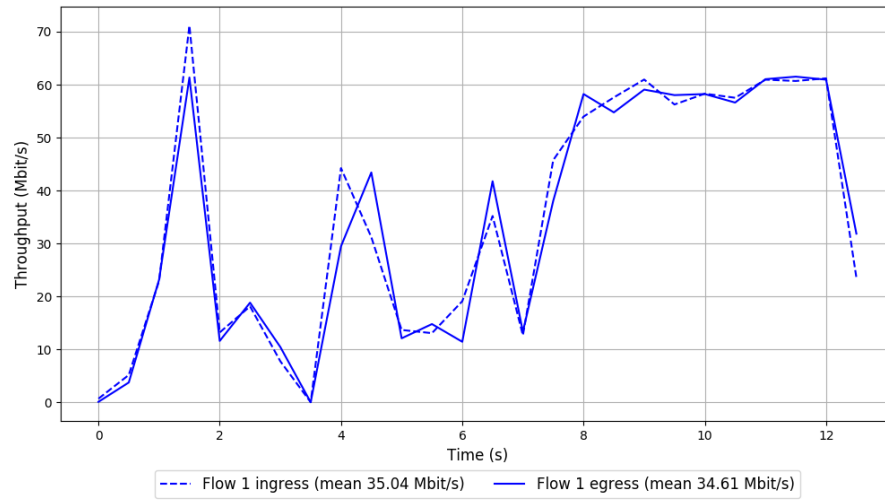
Start at: Sun, 16 Jul 2017 20:44:07 +0000

End at: Sun, 16 Jul 2017 20:44:37 +0000

Local clock offset: -0.873 ms

Remote clock offset: 1.042 ms

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

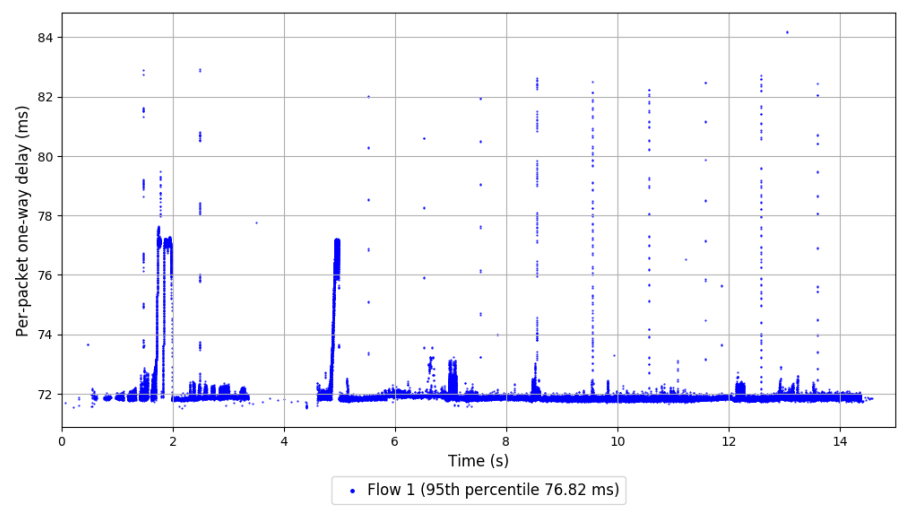
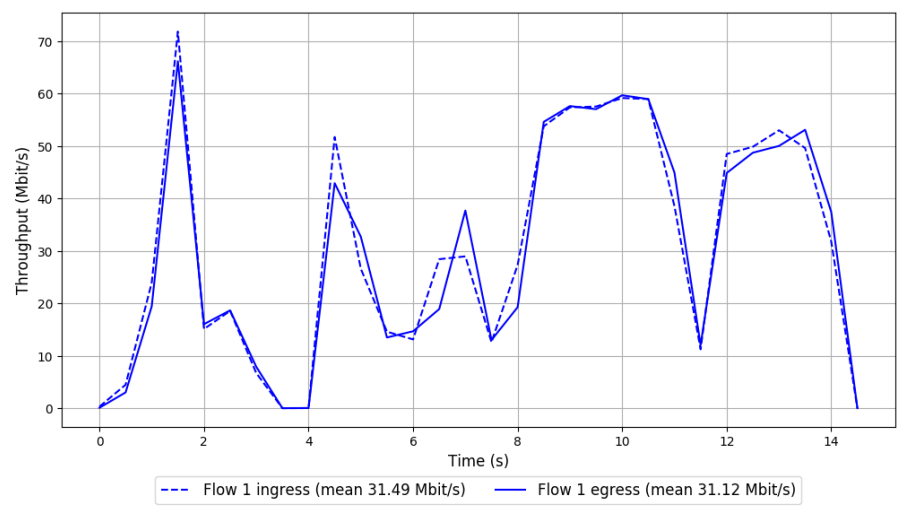
Start at: Sun, 16 Jul 2017 21:02:21 +0000

End at: Sun, 16 Jul 2017 21:02:51 +0000

Local clock offset: -1.054 ms

Remote clock offset: 0.773 ms

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

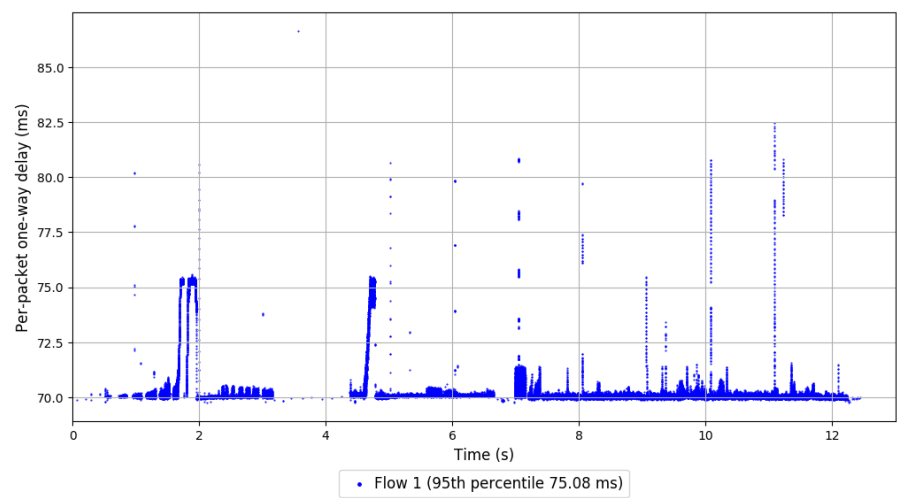
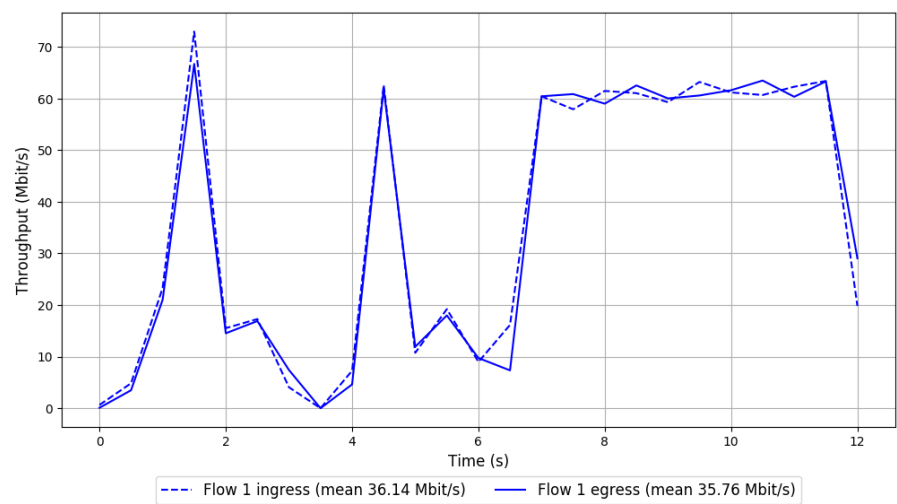
Start at: Sun, 16 Jul 2017 21:20:30 +0000

End at: Sun, 16 Jul 2017 21:21:01 +0000

Local clock offset: 0.525 ms

Remote clock offset: 0.629 ms

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

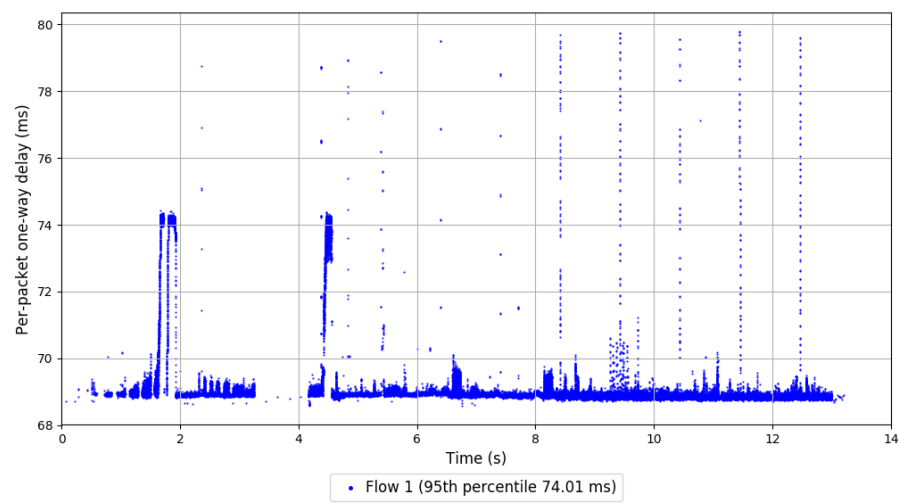
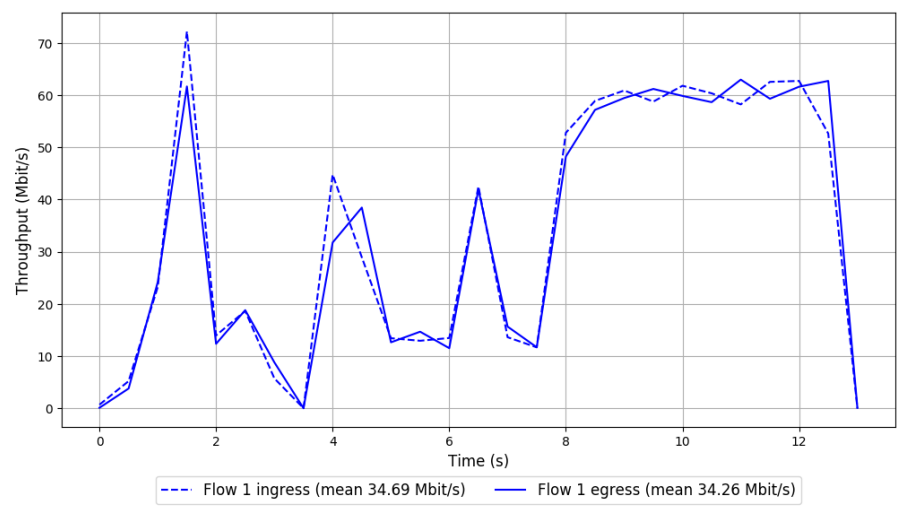
Start at: Sun, 16 Jul 2017 21:38:35 +0000

End at: Sun, 16 Jul 2017 21:39:05 +0000

Local clock offset: -0.979 ms

Remote clock offset: 0.239 ms

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

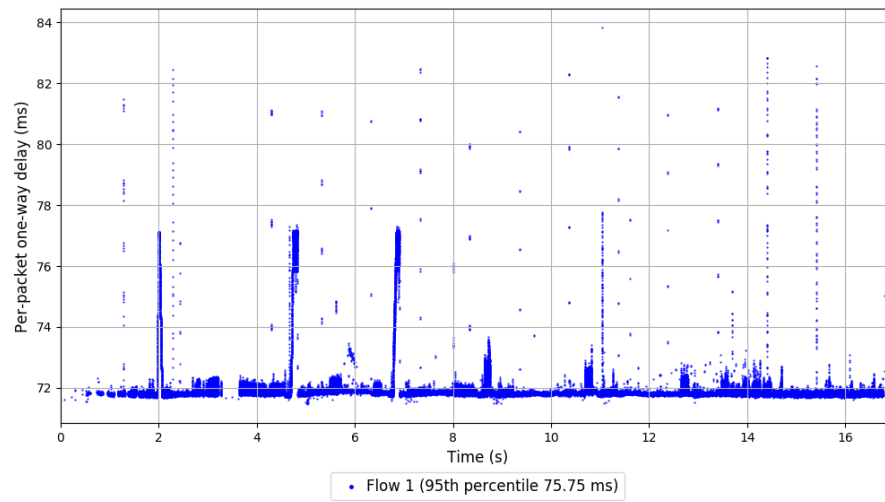
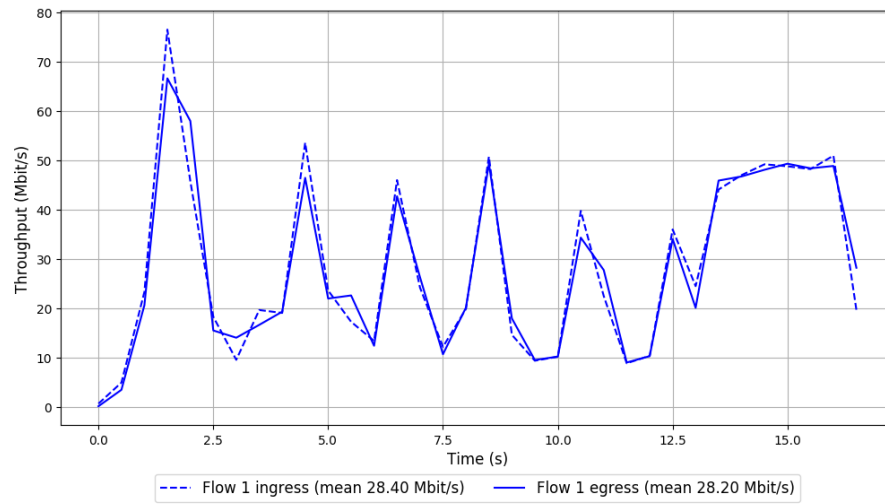
Start at: Sun, 16 Jul 2017 21:56:48 +0000

End at: Sun, 16 Jul 2017 21:57:18 +0000

Local clock offset: -0.91 ms

Remote clock offset: 0.0 ms

Run 10: Report of QUIC Cubic — Data Link



Run 1: Statistics of Saturator

Start at: Sun, 16 Jul 2017 19:15:31 +0000

End at: Sun, 16 Jul 2017 19:16:02 +0000

Local clock offset: 1.642 ms

Remote clock offset: 0.146 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:31:06 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.20 Mbit/s

95th percentile per-packet one-way delay: 71.791 ms

Loss rate: 0.39%

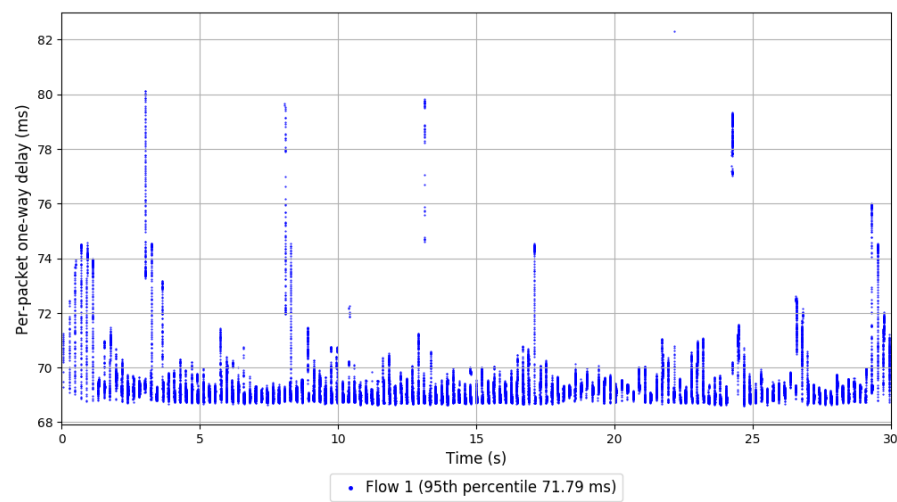
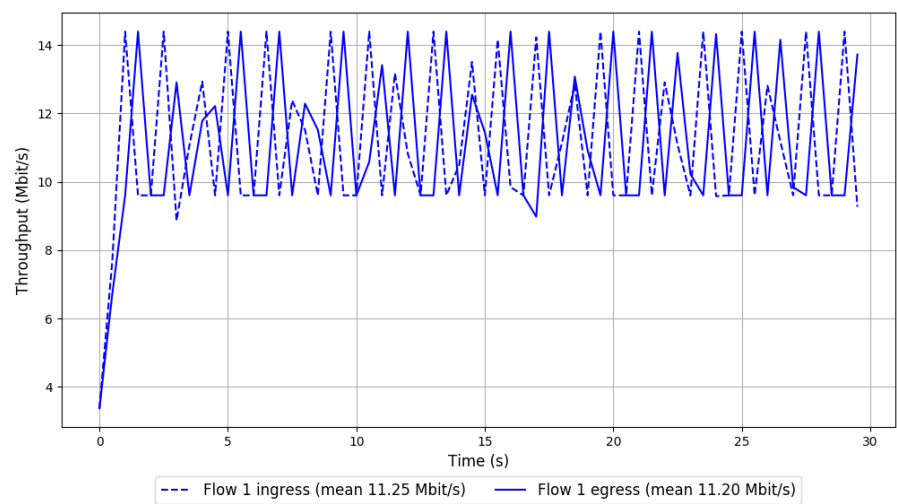
-- Flow 1:

Average throughput: 11.20 Mbit/s

95th percentile per-packet one-way delay: 71.791 ms

Loss rate: 0.39%

Run 1: Report of Saturator — Data Link



Run 2: Statistics of Saturator

Start at: Sun, 16 Jul 2017 19:33:45 +0000

End at: Sun, 16 Jul 2017 19:34:15 +0000

Local clock offset: 0.687 ms

Remote clock offset: 0.549 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:31:07 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 10.97 Mbit/s

95th percentile per-packet one-way delay: 76.425 ms

Loss rate: 0.81%

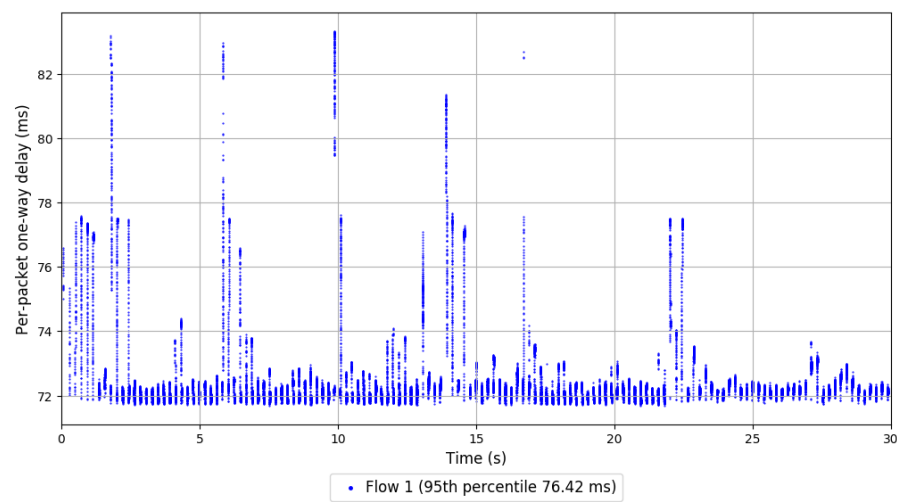
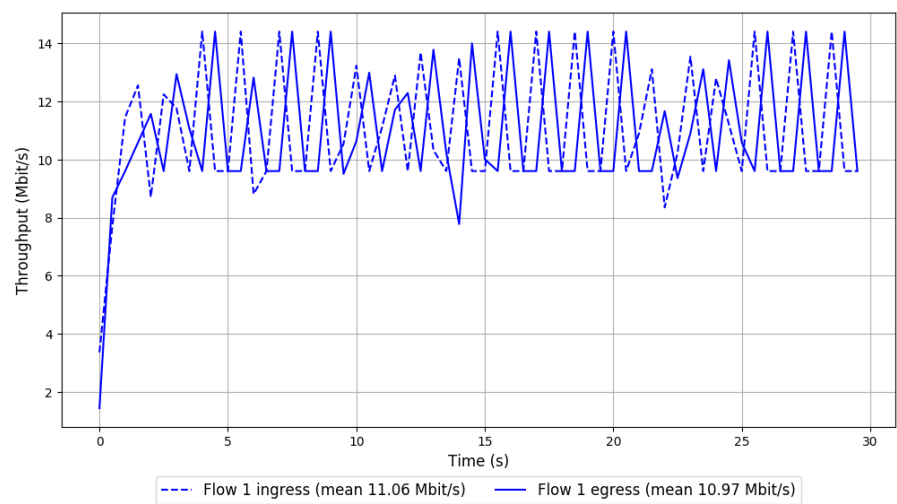
-- Flow 1:

Average throughput: 10.97 Mbit/s

95th percentile per-packet one-way delay: 76.425 ms

Loss rate: 0.81%

Run 2: Report of Saturator — Data Link



Run 3: Statistics of Saturator

Start at: Sun, 16 Jul 2017 19:51:58 +0000

End at: Sun, 16 Jul 2017 19:52:28 +0000

Local clock offset: -0.059 ms

Remote clock offset: 0.869 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:31:08 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.07 Mbit/s

95th percentile per-packet one-way delay: 74.367 ms

Loss rate: 0.44%

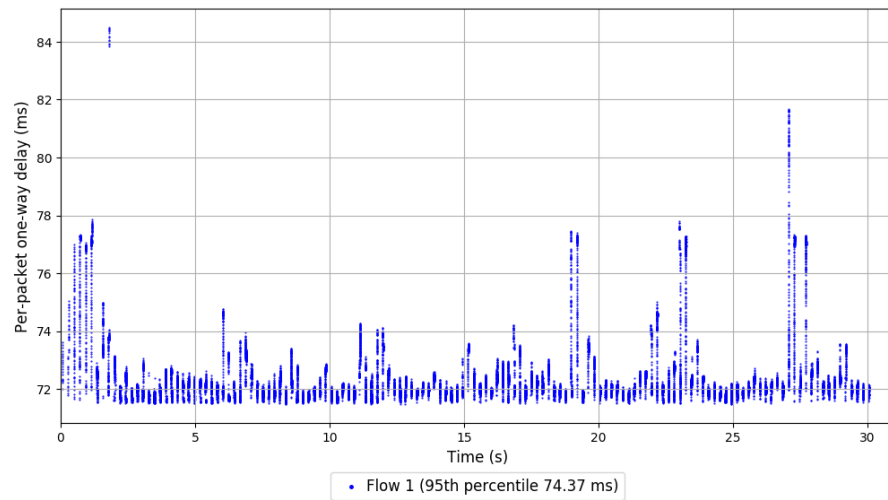
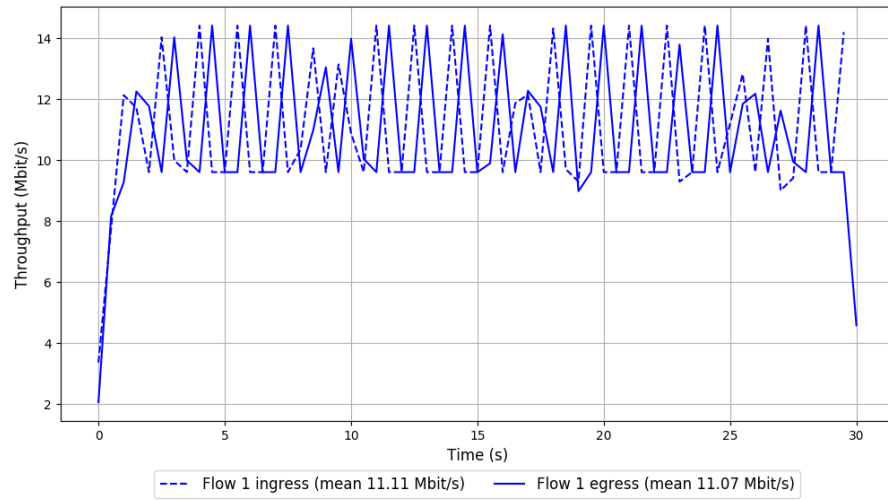
-- Flow 1:

Average throughput: 11.07 Mbit/s

95th percentile per-packet one-way delay: 74.367 ms

Loss rate: 0.44%

Run 3: Report of Saturator — Data Link



Run 4: Statistics of Saturator

Start at: Sun, 16 Jul 2017 20:10:12 +0000

End at: Sun, 16 Jul 2017 20:10:42 +0000

Local clock offset: 1.191 ms

Remote clock offset: 0.991 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:31:10 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.19 Mbit/s

95th percentile per-packet one-way delay: 70.936 ms

Loss rate: 0.43%

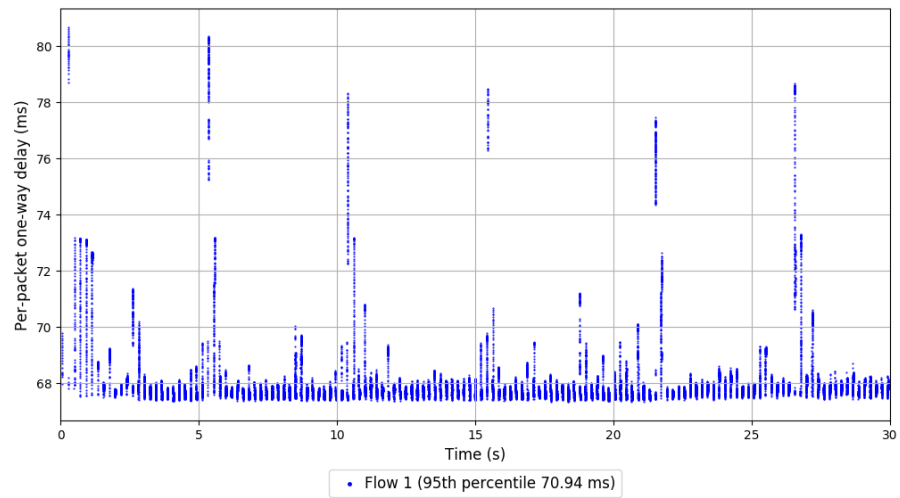
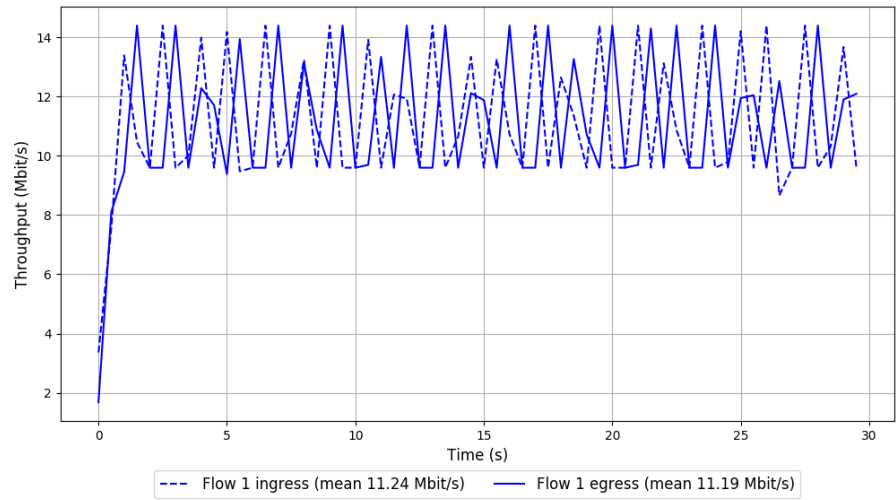
-- Flow 1:

Average throughput: 11.19 Mbit/s

95th percentile per-packet one-way delay: 70.936 ms

Loss rate: 0.43%

Run 4: Report of Saturator — Data Link



Run 5: Statistics of Saturator

Start at: Sun, 16 Jul 2017 20:28:23 +0000

End at: Sun, 16 Jul 2017 20:28:53 +0000

Local clock offset: -0.72 ms

Remote clock offset: 0.997 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:31:11 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.19 Mbit/s

95th percentile per-packet one-way delay: 70.643 ms

Loss rate: 0.28%

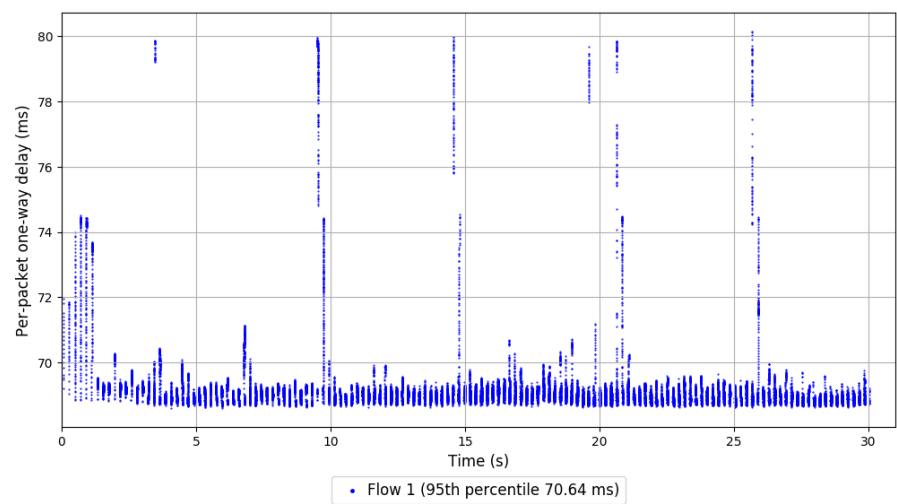
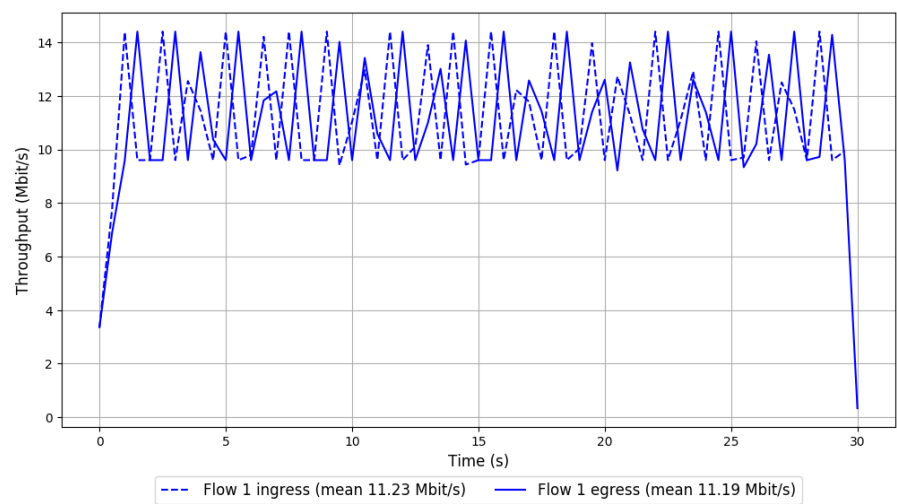
-- Flow 1:

Average throughput: 11.19 Mbit/s

95th percentile per-packet one-way delay: 70.643 ms

Loss rate: 0.28%

Run 5: Report of Saturator — Data Link



Run 6: Statistics of Saturator

Start at: Sun, 16 Jul 2017 20:46:34 +0000

End at: Sun, 16 Jul 2017 20:47:04 +0000

Local clock offset: 0.463 ms

Remote clock offset: 0.983 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:31:12 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.16 Mbit/s

95th percentile per-packet one-way delay: 72.310 ms

Loss rate: 0.55%

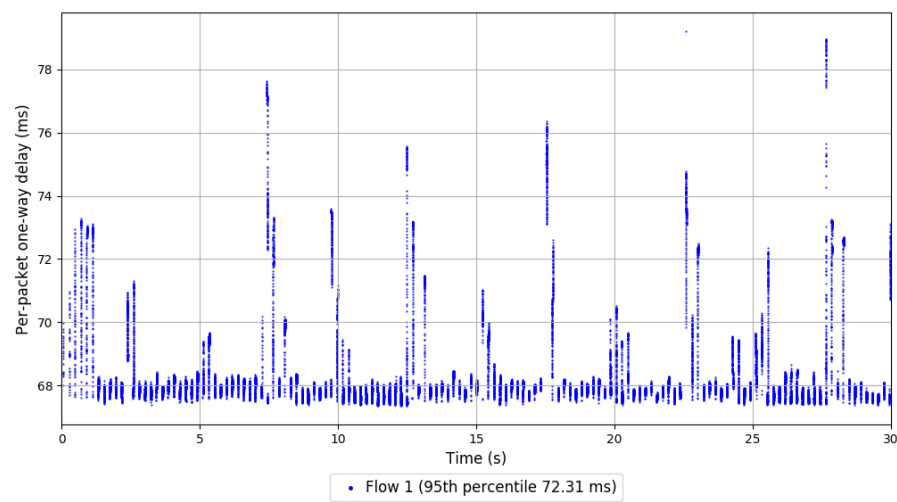
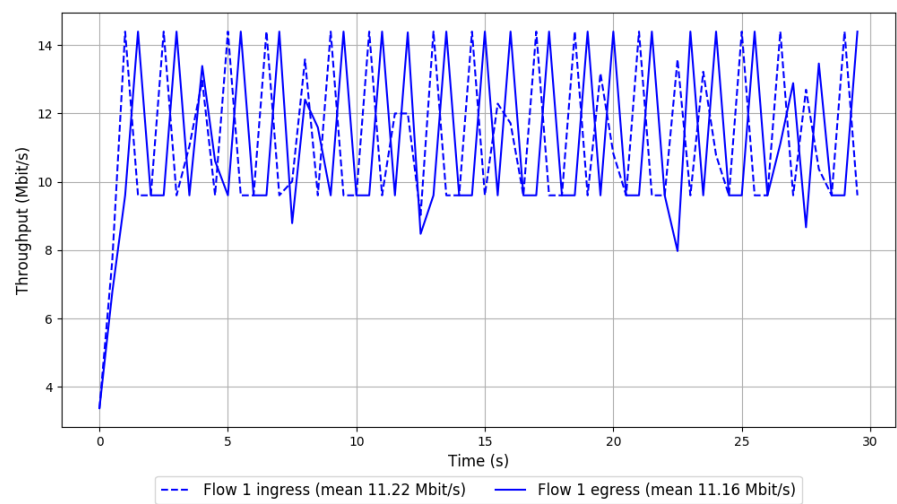
-- Flow 1:

Average throughput: 11.16 Mbit/s

95th percentile per-packet one-way delay: 72.310 ms

Loss rate: 0.55%

Run 6: Report of Saturator — Data Link



Run 7: Statistics of Saturator

Start at: Sun, 16 Jul 2017 21:04:48 +0000

End at: Sun, 16 Jul 2017 21:05:18 +0000

Local clock offset: -0.829 ms

Remote clock offset: 0.784 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:31:13 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.03 Mbit/s

95th percentile per-packet one-way delay: 74.492 ms

Loss rate: 0.54%

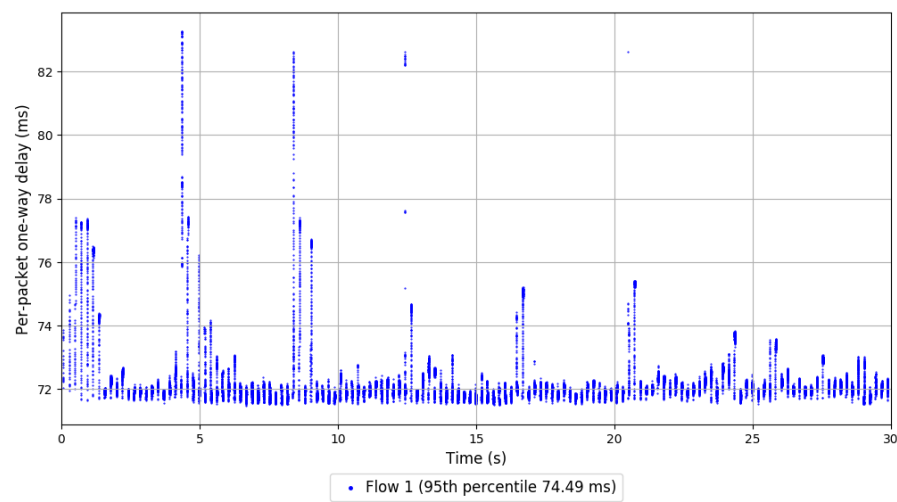
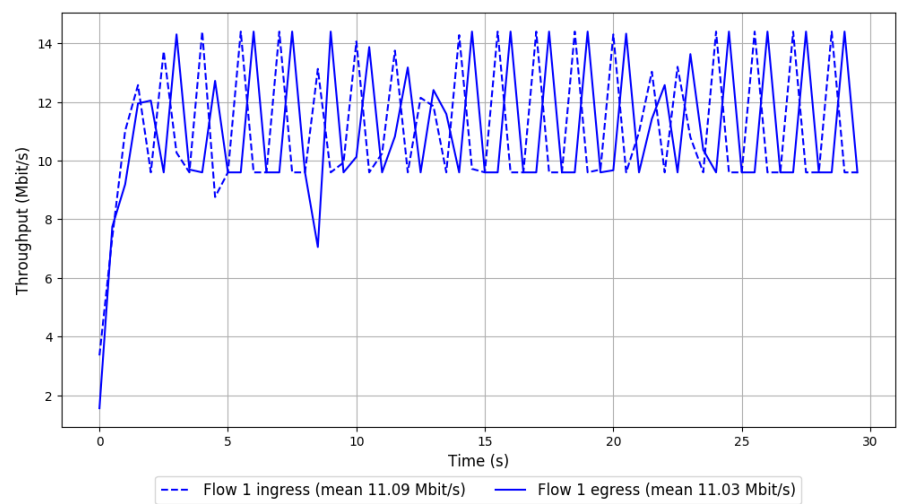
-- Flow 1:

Average throughput: 11.03 Mbit/s

95th percentile per-packet one-way delay: 74.492 ms

Loss rate: 0.54%

Run 7: Report of Saturator — Data Link



Run 8: Statistics of Saturator

Start at: Sun, 16 Jul 2017 21:22:57 +0000

End at: Sun, 16 Jul 2017 21:23:27 +0000

Local clock offset: -0.992 ms

Remote clock offset: 0.517 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:31:14 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 10.99 Mbit/s

95th percentile per-packet one-way delay: 74.823 ms

Loss rate: 0.53%

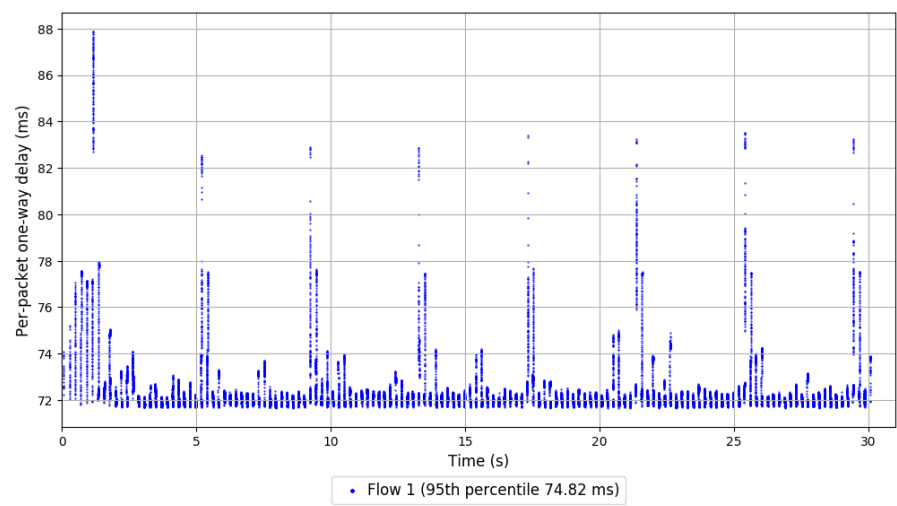
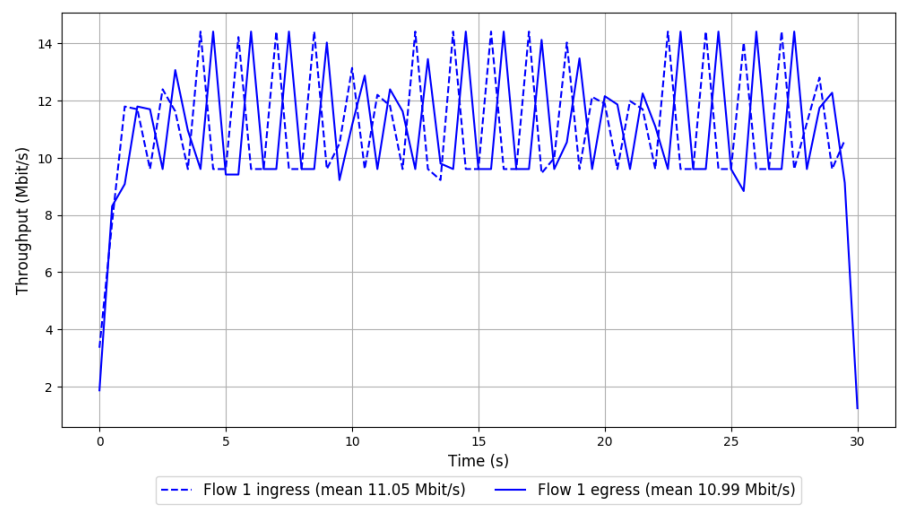
-- Flow 1:

Average throughput: 10.99 Mbit/s

95th percentile per-packet one-way delay: 74.823 ms

Loss rate: 0.53%

Run 8: Report of Saturator — Data Link



Run 9: Statistics of Saturator

Start at: Sun, 16 Jul 2017 21:41:01 +0000

End at: Sun, 16 Jul 2017 21:41:31 +0000

Local clock offset: 0.475 ms

Remote clock offset: 0.247 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:31:16 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.00 Mbit/s

95th percentile per-packet one-way delay: 74.912 ms

Loss rate: 0.70%

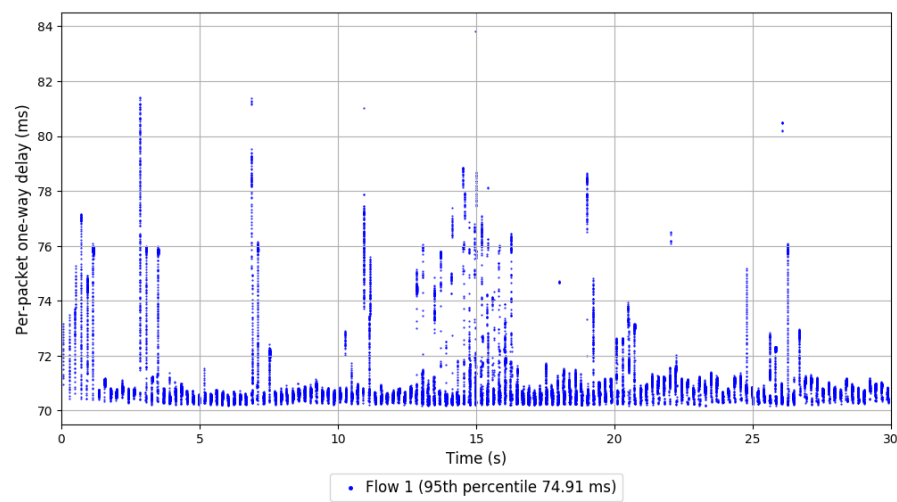
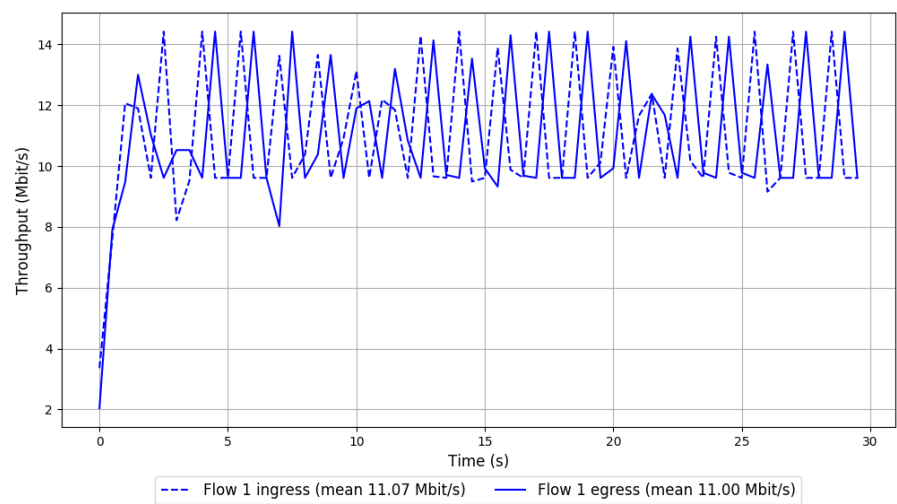
-- Flow 1:

Average throughput: 11.00 Mbit/s

95th percentile per-packet one-way delay: 74.912 ms

Loss rate: 0.70%

Run 9: Report of Saturator — Data Link



Run 10: Statistics of Saturator

Start at: Sun, 16 Jul 2017 21:59:14 +0000

End at: Sun, 16 Jul 2017 21:59:44 +0000

Local clock offset: 0.457 ms

Remote clock offset: -0.105 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:31:17 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.22 Mbit/s

95th percentile per-packet one-way delay: 72.055 ms

Loss rate: 0.35%

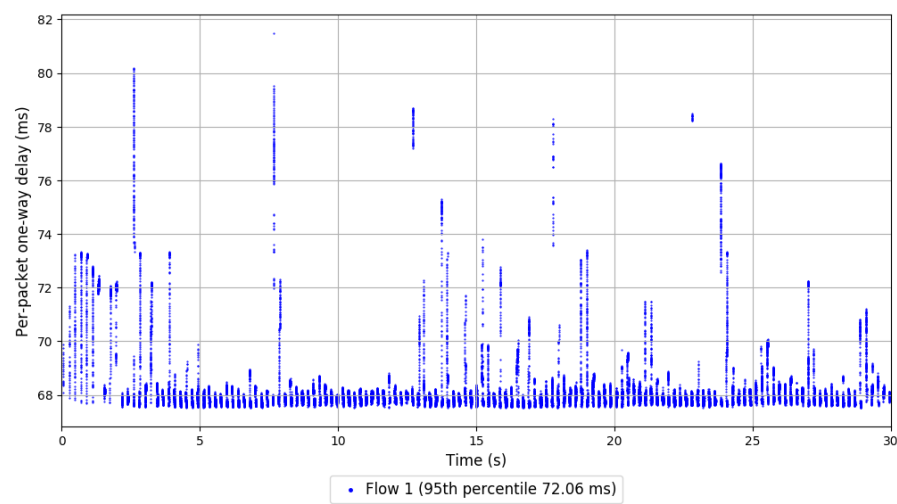
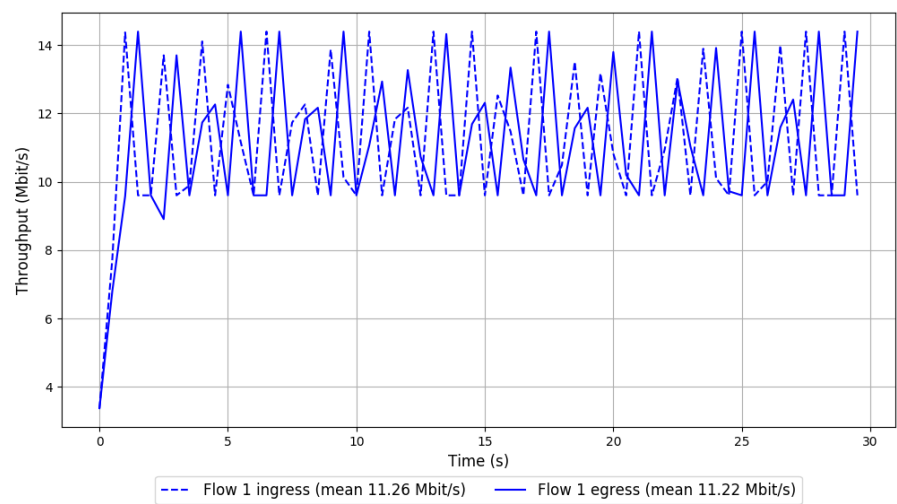
-- Flow 1:

Average throughput: 11.22 Mbit/s

95th percentile per-packet one-way delay: 72.055 ms

Loss rate: 0.35%

Run 10: Report of Saturator — Data Link



Run 1: Statistics of SCReAM

Start at: Sun, 16 Jul 2017 19:10:36 +0000

End at: Sun, 16 Jul 2017 19:11:06 +0000

Local clock offset: 3.138 ms

Remote clock offset: 0.044 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:31:17 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.08 Mbit/s

95th percentile per-packet one-way delay: 177.888 ms

Loss rate: 0.48%

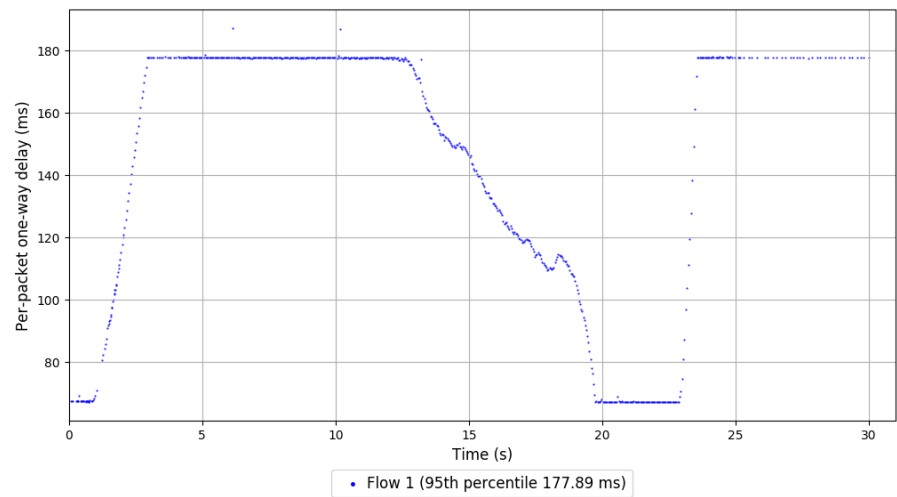
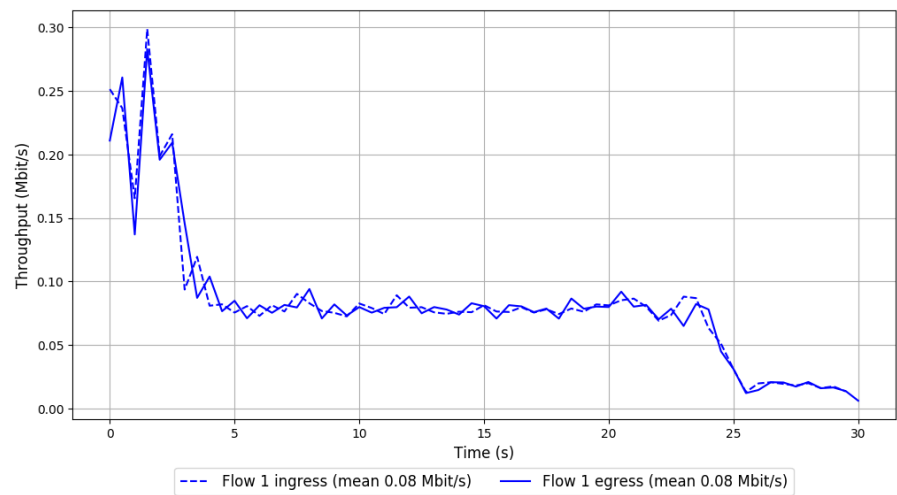
-- Flow 1:

Average throughput: 0.08 Mbit/s

95th percentile per-packet one-way delay: 177.888 ms

Loss rate: 0.48%

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

Start at: Sun, 16 Jul 2017 19:28:50 +0000

End at: Sun, 16 Jul 2017 19:29:20 +0000

Local clock offset: 2.452 ms

Remote clock offset: 0.452 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:31:18 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 67.473 ms

Loss rate: 0.00%

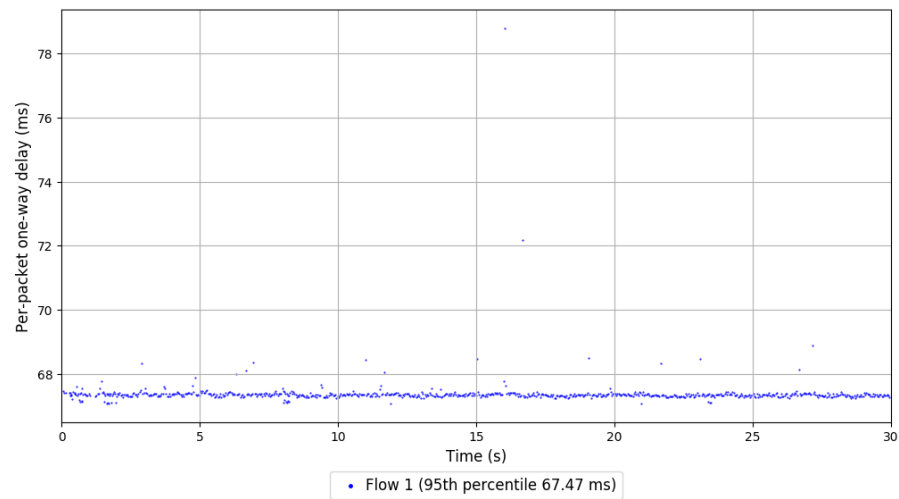
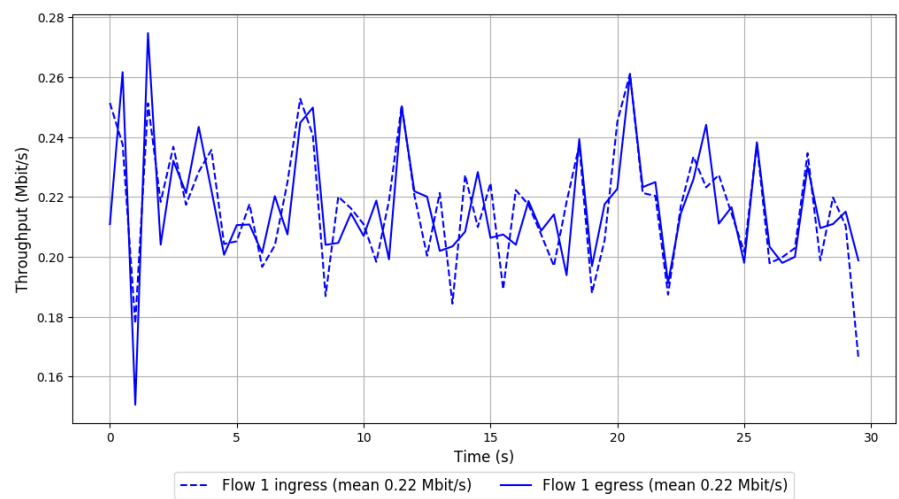
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 67.473 ms

Loss rate: 0.00%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SCReAM

Start at: Sun, 16 Jul 2017 19:47:02 +0000

End at: Sun, 16 Jul 2017 19:47:32 +0000

Local clock offset: 1.687 ms

Remote clock offset: 0.786 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:31:18 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 70.222 ms

Loss rate: 0.00%

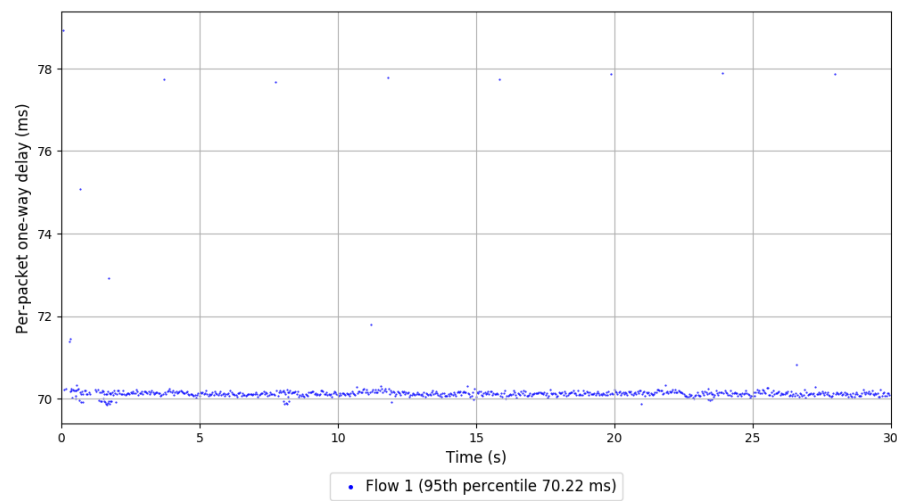
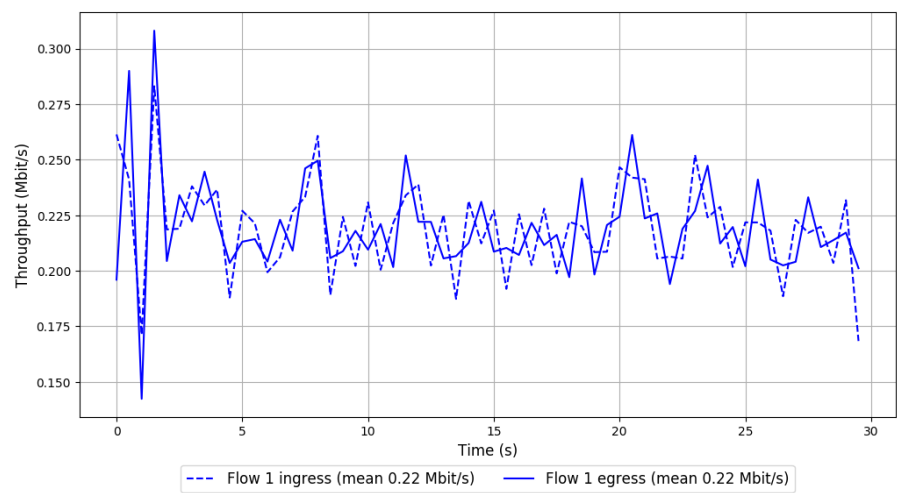
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 70.222 ms

Loss rate: 0.00%

Run 3: Report of SReAM — Data Link



Run 4: Statistics of SCReAM

Start at: Sun, 16 Jul 2017 20:05:18 +0000

End at: Sun, 16 Jul 2017 20:05:48 +0000

Local clock offset: -0.185 ms

Remote clock offset: 0.933 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:31:19 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 69.259 ms

Loss rate: 0.00%

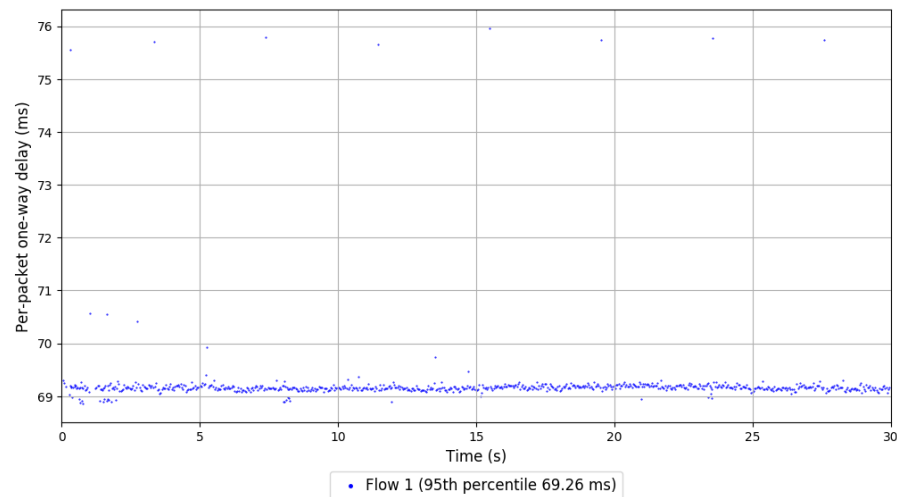
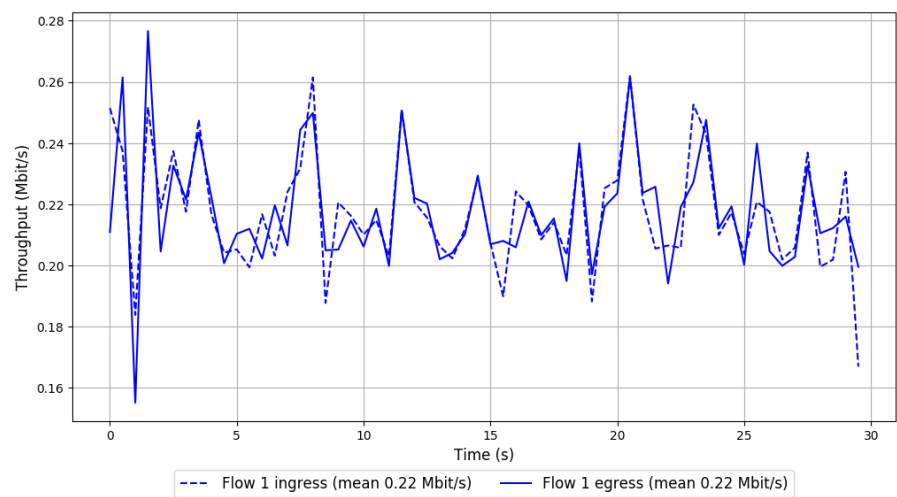
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 69.259 ms

Loss rate: 0.00%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

Start at: Sun, 16 Jul 2017 20:23:29 +0000

End at: Sun, 16 Jul 2017 20:23:59 +0000

Local clock offset: -0.48 ms

Remote clock offset: 0.962 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:31:19 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 71.679 ms

Loss rate: 0.00%

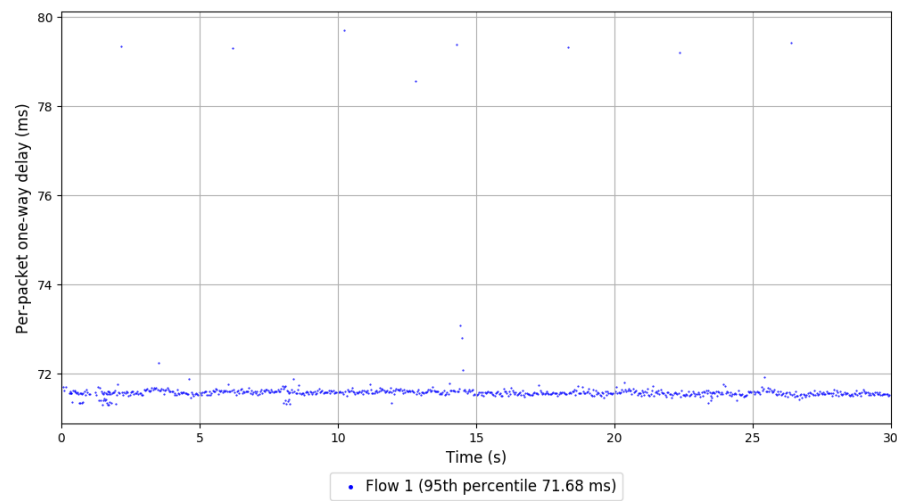
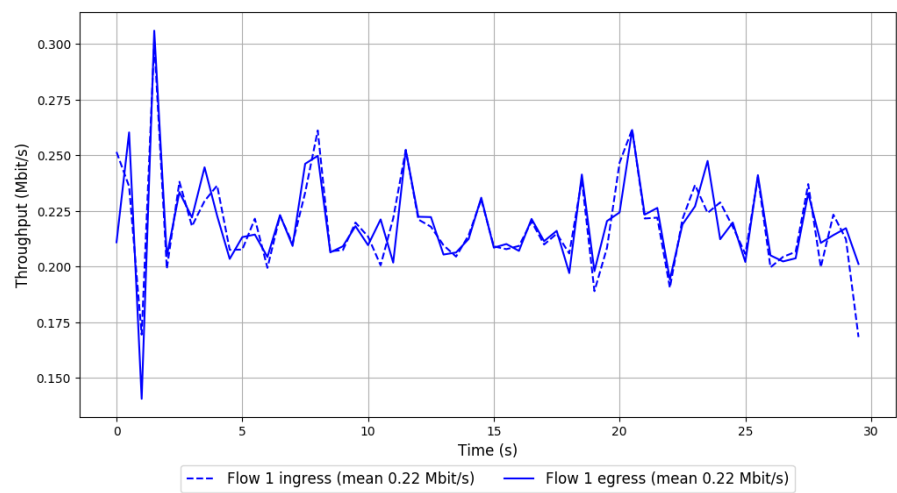
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 71.679 ms

Loss rate: 0.00%

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SCReAM

Start at: Sun, 16 Jul 2017 20:41:39 +0000

End at: Sun, 16 Jul 2017 20:42:09 +0000

Local clock offset: -1.036 ms

Remote clock offset: 1.027 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:31:20 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 69.348 ms

Loss rate: 0.00%

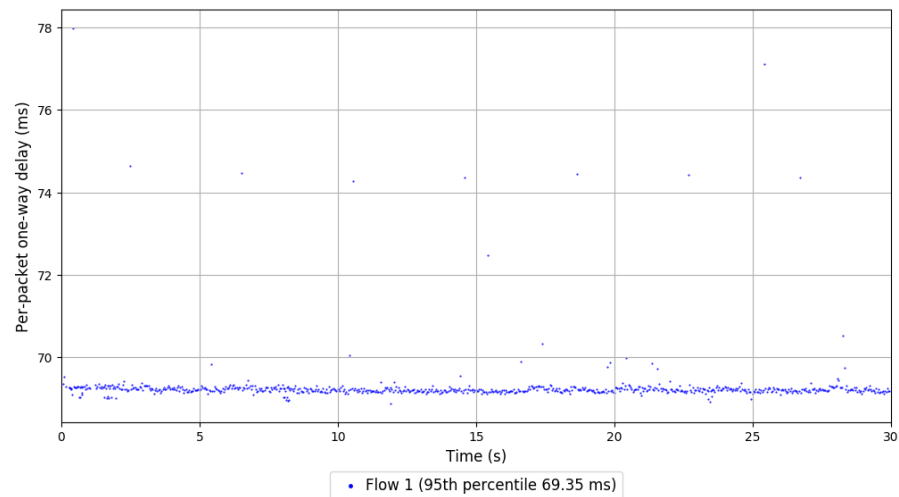
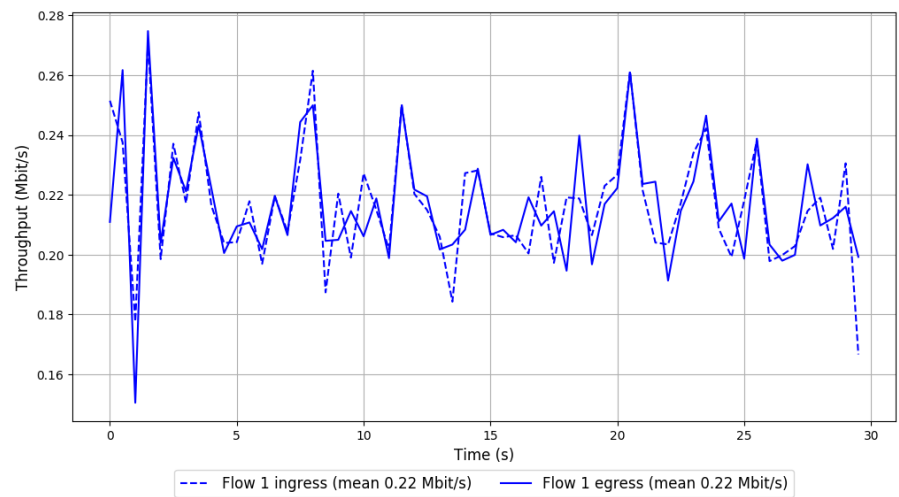
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 69.348 ms

Loss rate: 0.00%

Run 6: Report of SReAM — Data Link



Run 7: Statistics of SCReAM

Start at: Sun, 16 Jul 2017 20:59:54 +0000

End at: Sun, 16 Jul 2017 21:00:24 +0000

Local clock offset: -1.041 ms

Remote clock offset: 0.768 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:31:20 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 68.996 ms

Loss rate: 0.00%

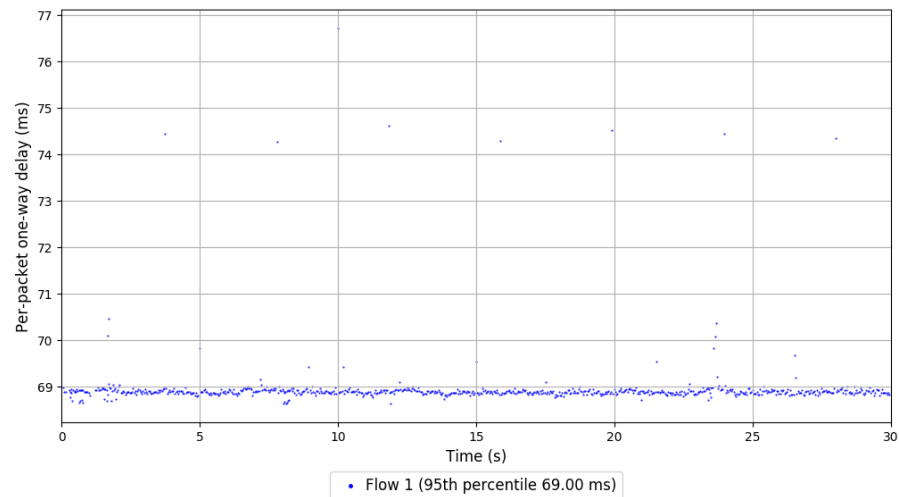
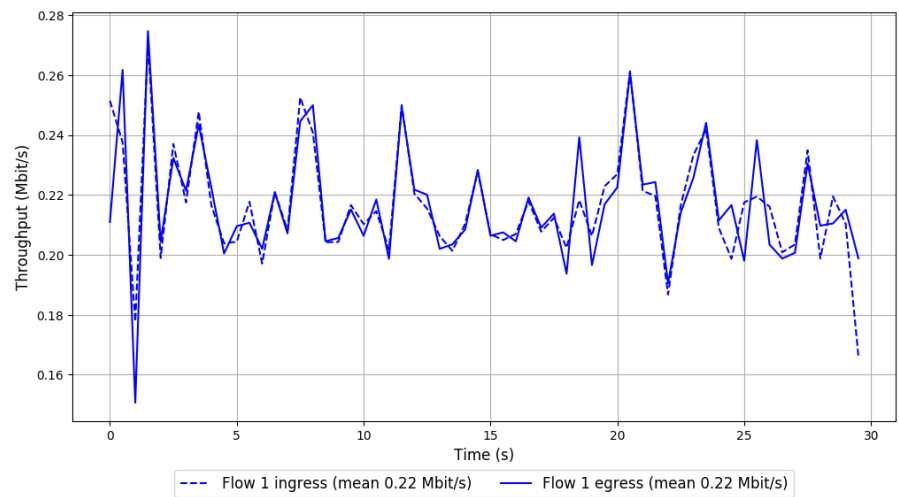
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 68.996 ms

Loss rate: 0.00%

Run 7: Report of SReAM — Data Link



Run 8: Statistics of SCReAM

Start at: Sun, 16 Jul 2017 21:18:06 +0000

End at: Sun, 16 Jul 2017 21:18:36 +0000

Local clock offset: 0.359 ms

Remote clock offset: 0.589 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:31:21 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 70.716 ms

Loss rate: 0.00%

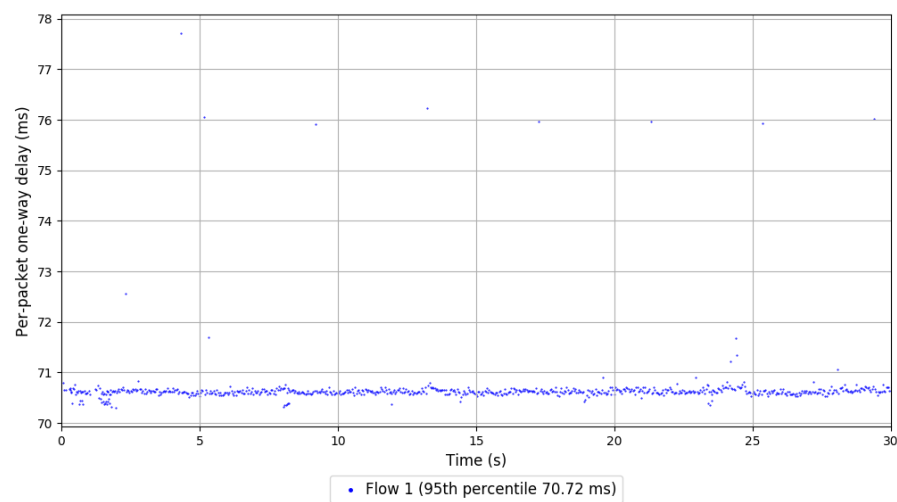
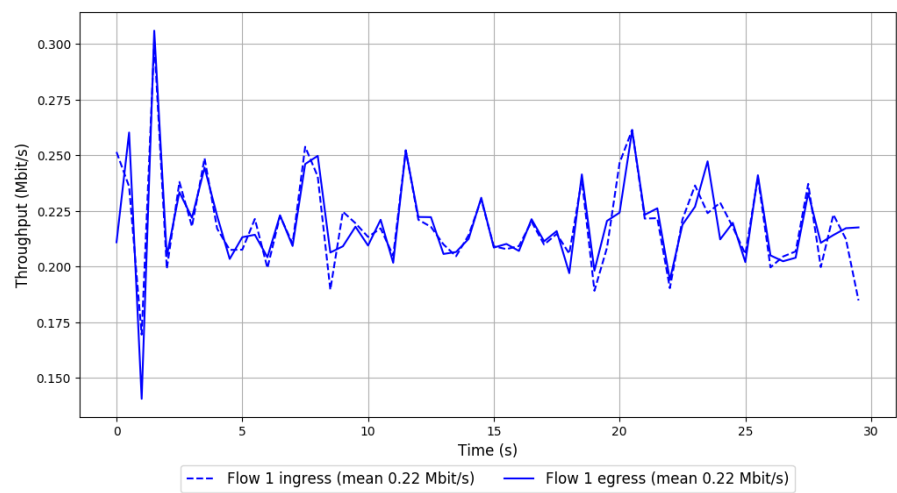
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 70.716 ms

Loss rate: 0.00%

Run 8: Report of SReAM — Data Link



Run 9: Statistics of SCReAM

Start at: Sun, 16 Jul 2017 21:36:10 +0000

End at: Sun, 16 Jul 2017 21:36:40 +0000

Local clock offset: -0.944 ms

Remote clock offset: 0.318 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:31:22 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 72.026 ms

Loss rate: 0.00%

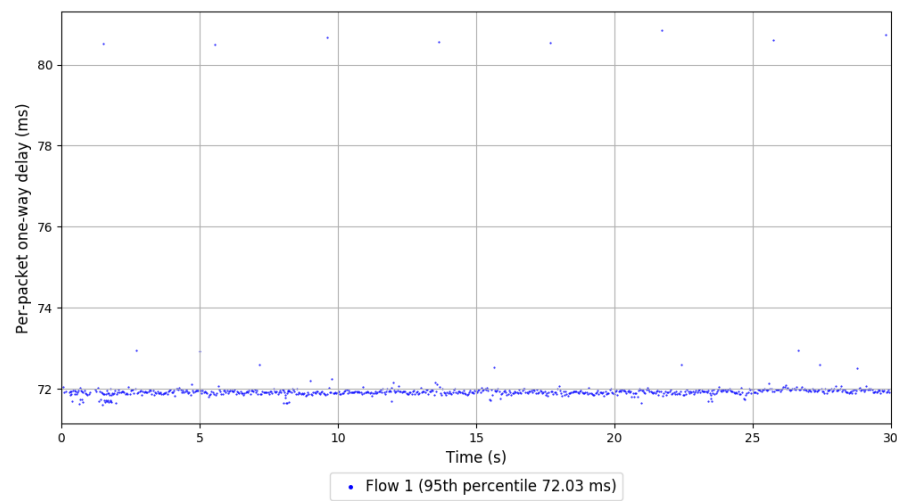
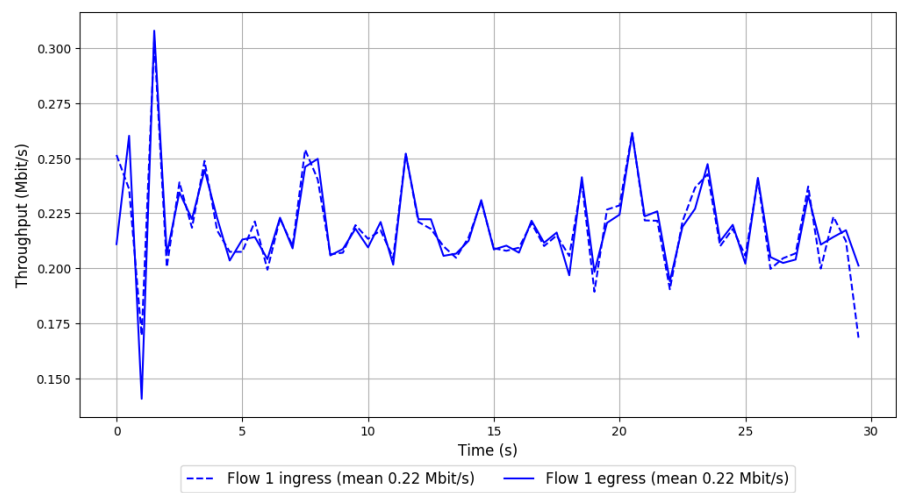
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 72.026 ms

Loss rate: 0.00%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SReAM

Start at: Sun, 16 Jul 2017 21:54:20 +0000

End at: Sun, 16 Jul 2017 21:54:50 +0000

Local clock offset: 0.49 ms

Remote clock offset: 0.086 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:31:22 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 70.478 ms

Loss rate: 0.00%

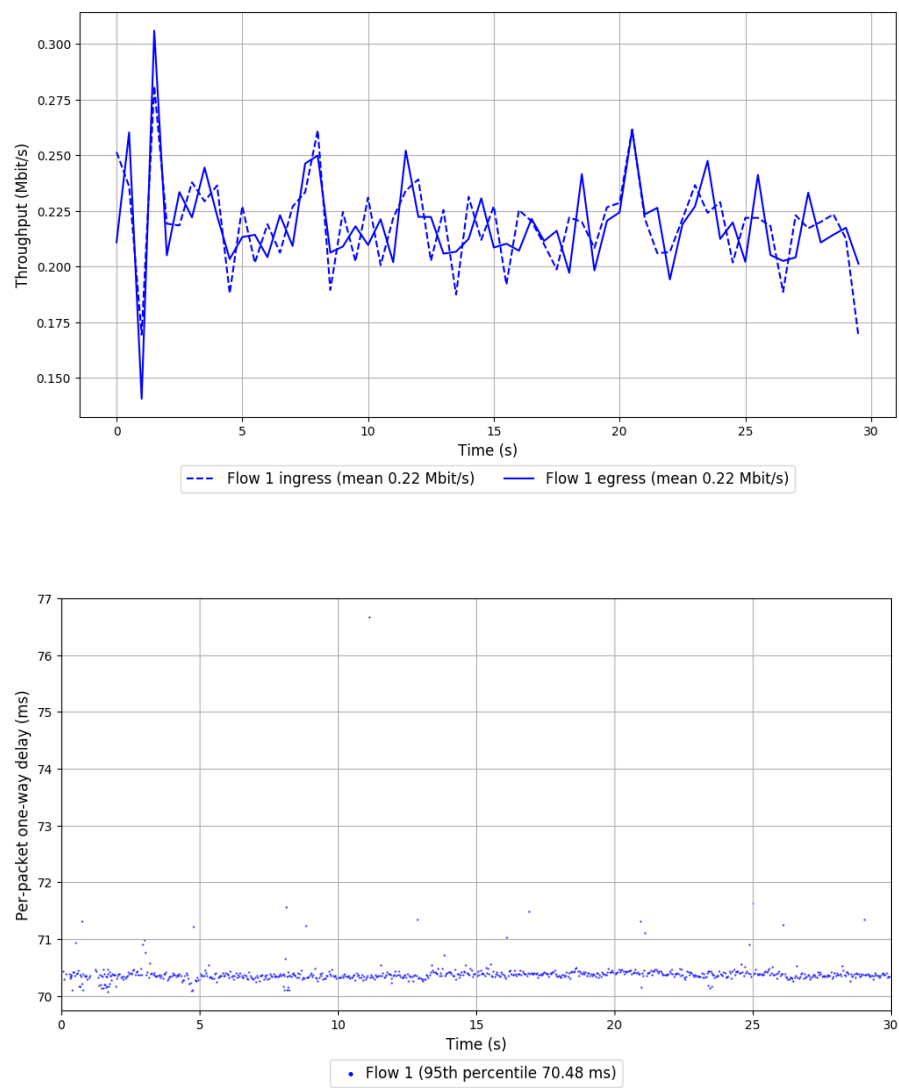
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 70.478 ms

Loss rate: 0.00%

Run 10: Report of SReAM — Data Link



Run 1: Statistics of Sprout

Start at: Sun, 16 Jul 2017 19:24:09 +0000

End at: Sun, 16 Jul 2017 19:24:39 +0000

Local clock offset: 1.255 ms

Remote clock offset: 0.374 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:31:23 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.58 Mbit/s

95th percentile per-packet one-way delay: 72.979 ms

Loss rate: 0.00%

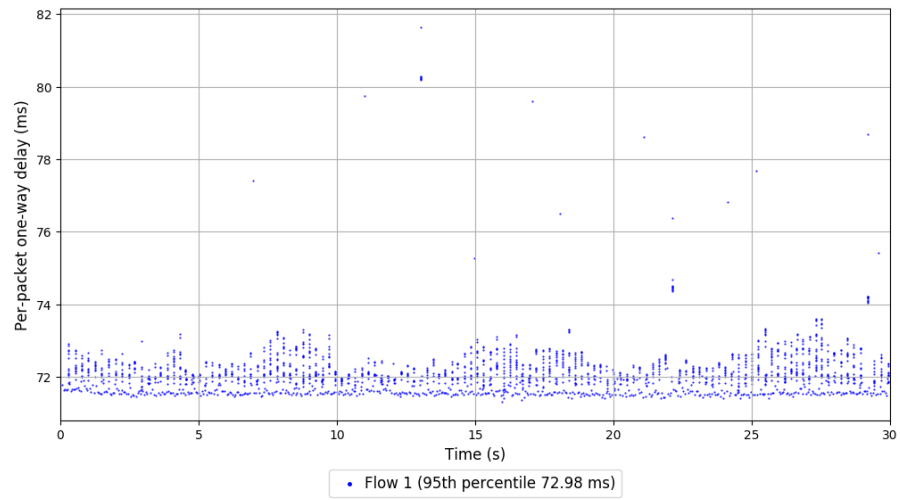
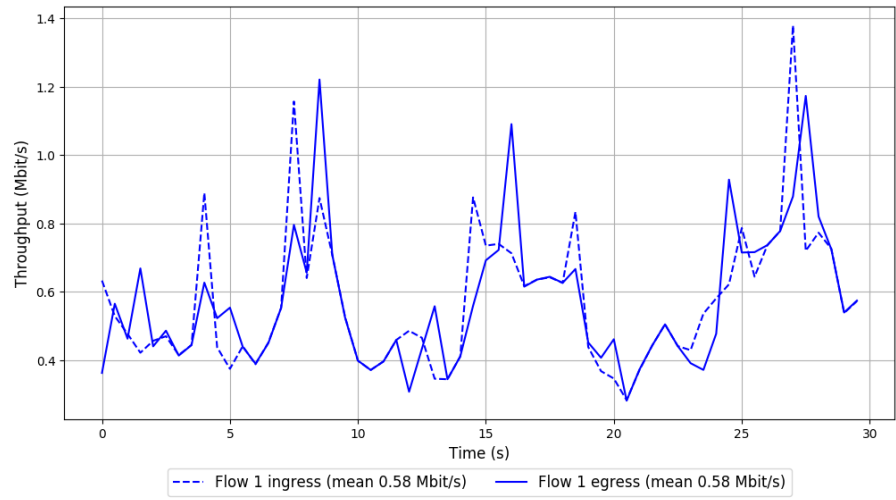
-- Flow 1:

Average throughput: 0.58 Mbit/s

95th percentile per-packet one-way delay: 72.979 ms

Loss rate: 0.00%

Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

Start at: Sun, 16 Jul 2017 19:42:20 +0000

End at: Sun, 16 Jul 2017 19:42:50 +0000

Local clock offset: 0.502 ms

Remote clock offset: 0.736 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:31:23 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.90 Mbit/s

95th percentile per-packet one-way delay: 70.762 ms

Loss rate: 0.00%

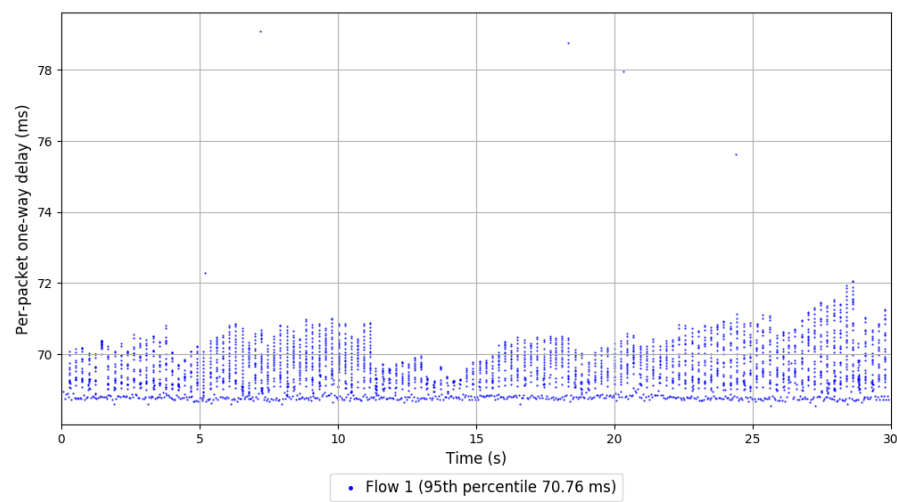
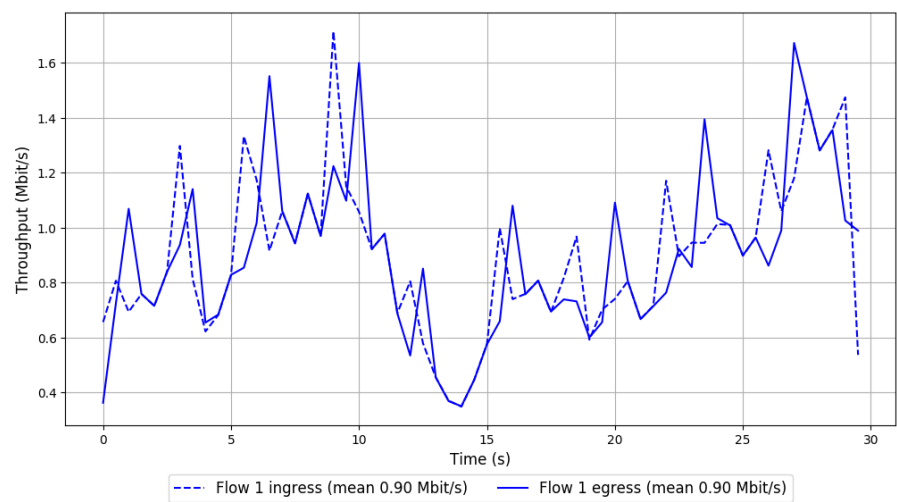
-- Flow 1:

Average throughput: 0.90 Mbit/s

95th percentile per-packet one-way delay: 70.762 ms

Loss rate: 0.00%

Run 2: Report of Sprout — Data Link



Run 3: Statistics of Sprout

Start at: Sun, 16 Jul 2017 20:00:36 +0000

End at: Sun, 16 Jul 2017 20:01:06 +0000

Local clock offset: 1.174 ms

Remote clock offset: 0.874 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:31:24 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.74 Mbit/s

95th percentile per-packet one-way delay: 72.027 ms

Loss rate: 0.00%

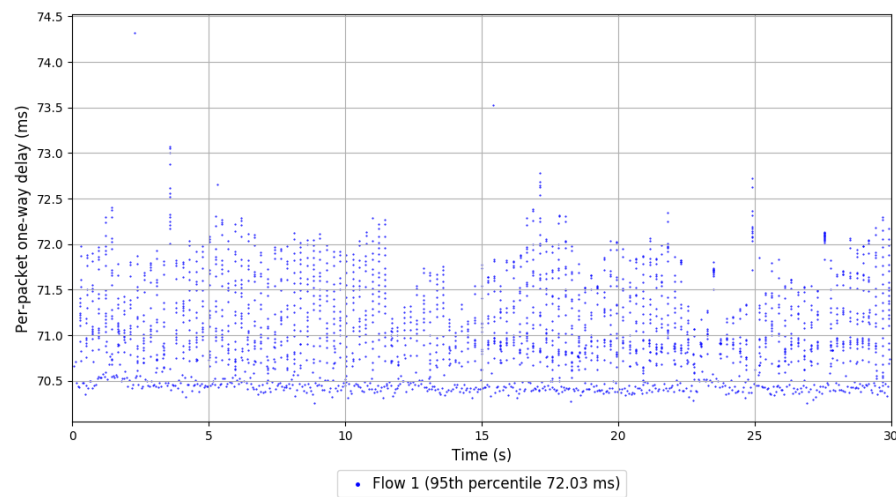
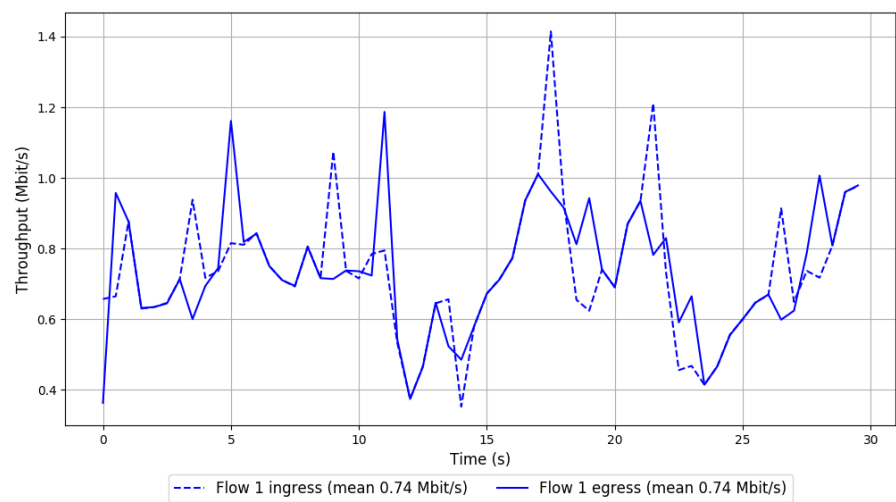
-- Flow 1:

Average throughput: 0.74 Mbit/s

95th percentile per-packet one-way delay: 72.027 ms

Loss rate: 0.00%

Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

Start at: Sun, 16 Jul 2017 20:18:46 +0000

End at: Sun, 16 Jul 2017 20:19:16 +0000

Local clock offset: -0.331 ms

Remote clock offset: 1.02 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:31:24 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.65 Mbit/s

95th percentile per-packet one-way delay: 70.100 ms

Loss rate: 0.00%

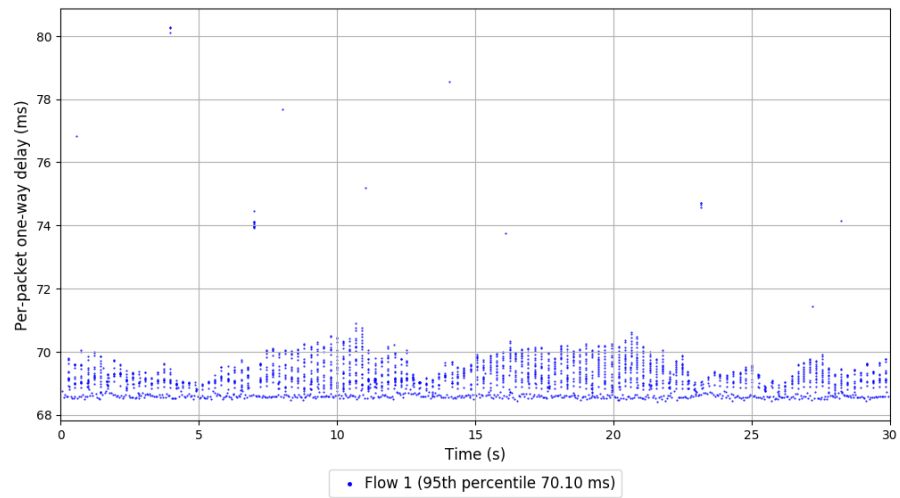
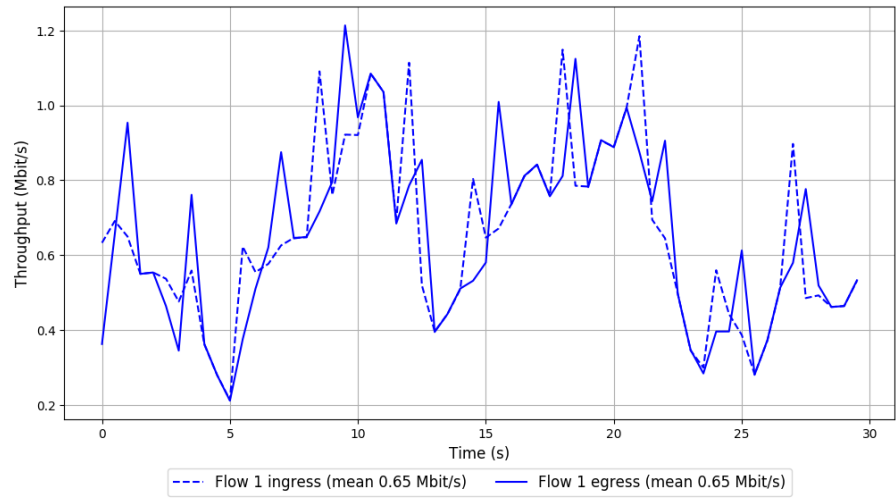
-- Flow 1:

Average throughput: 0.65 Mbit/s

95th percentile per-packet one-way delay: 70.100 ms

Loss rate: 0.00%

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: Sun, 16 Jul 2017 20:36:58 +0000

End at: Sun, 16 Jul 2017 20:37:28 +0000

Local clock offset: -0.73 ms

Remote clock offset: 1.03 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:31:25 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.72 Mbit/s

95th percentile per-packet one-way delay: 73.434 ms

Loss rate: 0.00%

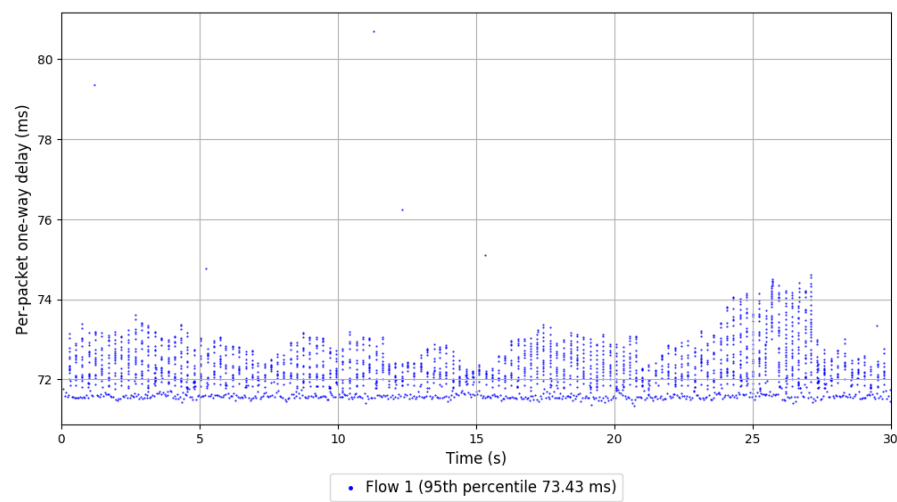
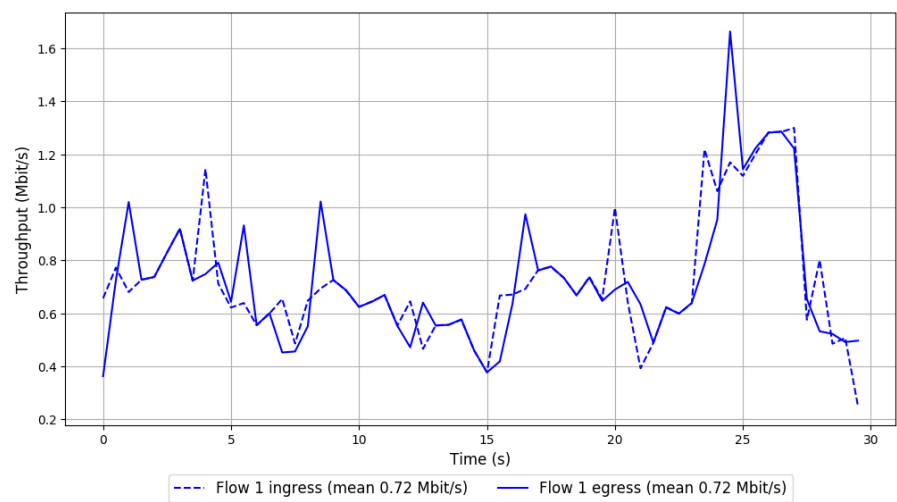
-- Flow 1:

Average throughput: 0.72 Mbit/s

95th percentile per-packet one-way delay: 73.434 ms

Loss rate: 0.00%

Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

Start at: Sun, 16 Jul 2017 20:55:12 +0000

End at: Sun, 16 Jul 2017 20:55:42 +0000

Local clock offset: -0.819 ms

Remote clock offset: 0.865 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:31:25 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.66 Mbit/s

95th percentile per-packet one-way delay: 73.019 ms

Loss rate: 0.00%

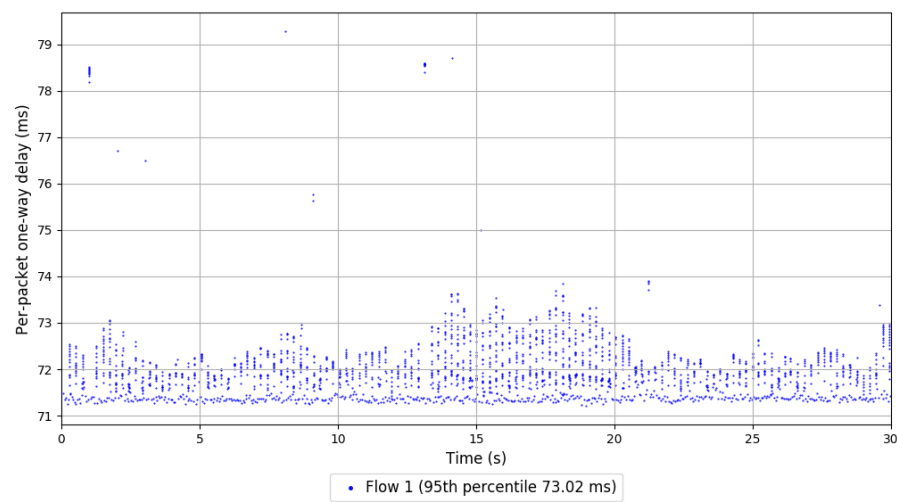
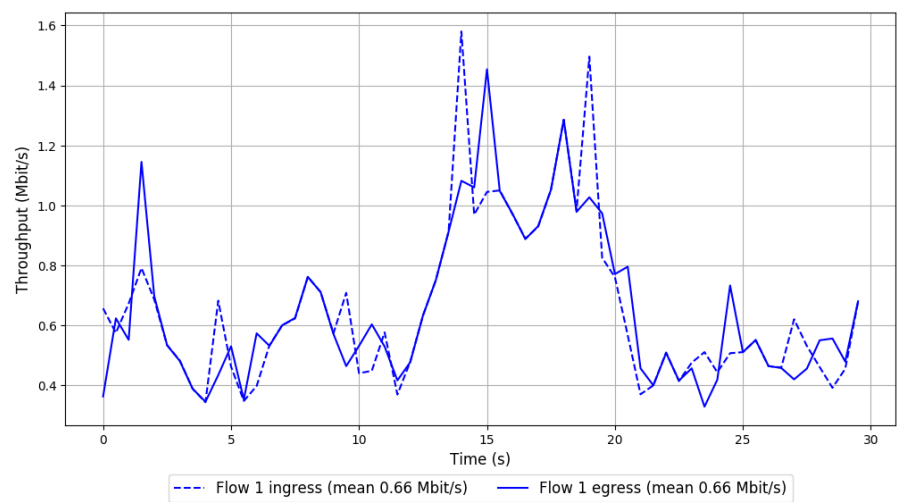
-- Flow 1:

Average throughput: 0.66 Mbit/s

95th percentile per-packet one-way delay: 73.019 ms

Loss rate: 0.00%

Run 6: Report of Sprout — Data Link



Run 7: Statistics of Sprout

Start at: Sun, 16 Jul 2017 21:13:26 +0000

End at: Sun, 16 Jul 2017 21:13:56 +0000

Local clock offset: -0.893 ms

Remote clock offset: 0.656 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:31:26 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.84 Mbit/s

95th percentile per-packet one-way delay: 73.225 ms

Loss rate: 0.00%

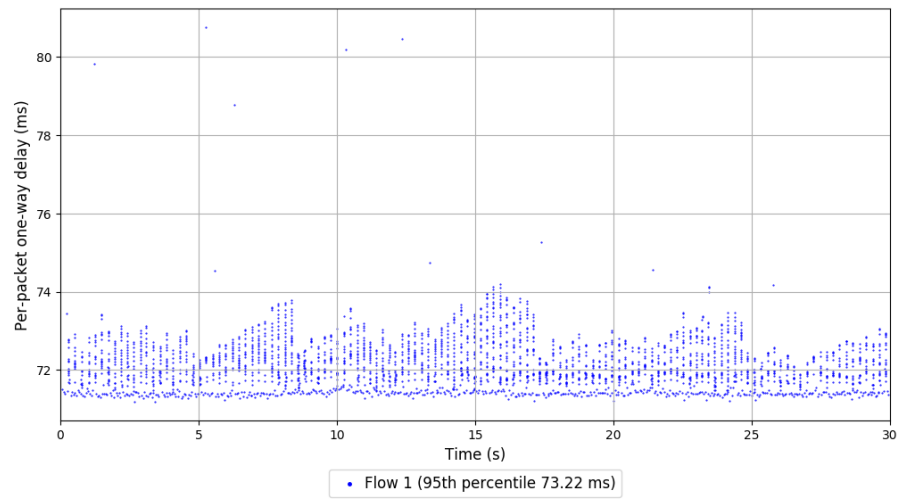
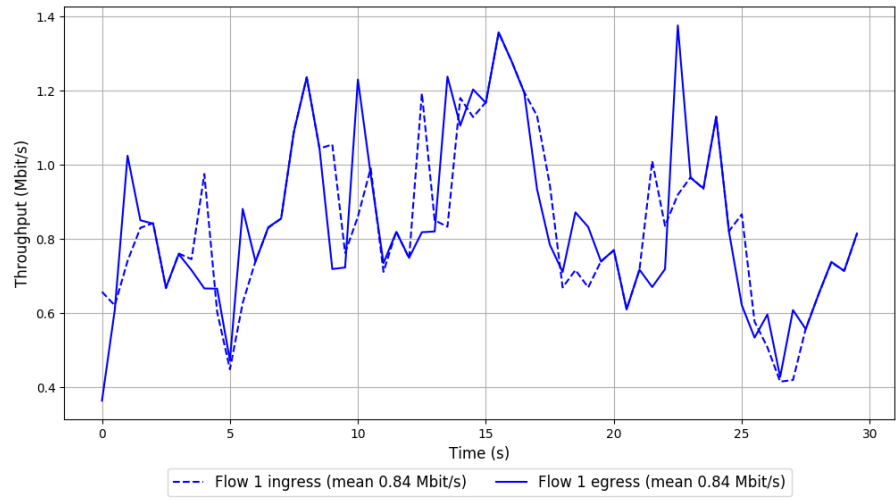
-- Flow 1:

Average throughput: 0.84 Mbit/s

95th percentile per-packet one-way delay: 73.225 ms

Loss rate: 0.00%

Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

Start at: Sun, 16 Jul 2017 21:31:29 +0000

End at: Sun, 16 Jul 2017 21:31:59 +0000

Local clock offset: -0.898 ms

Remote clock offset: 0.387 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:31:27 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.77 Mbit/s

95th percentile per-packet one-way delay: 70.405 ms

Loss rate: 0.00%

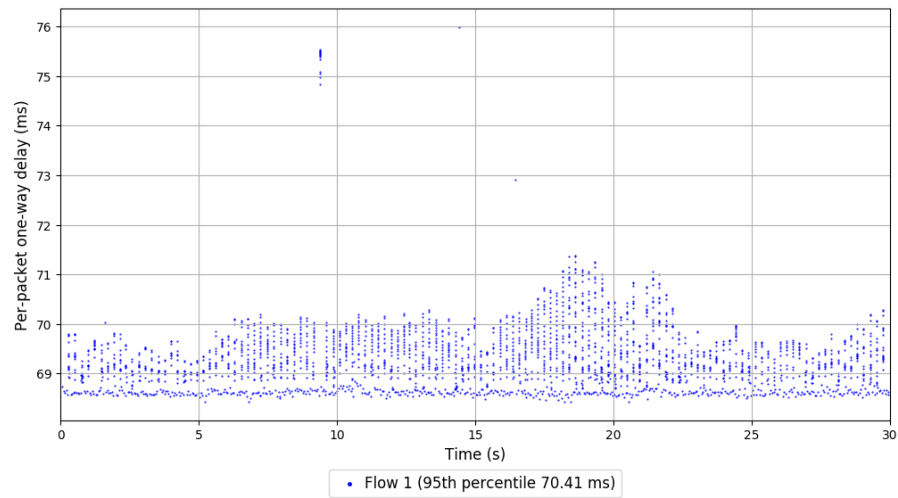
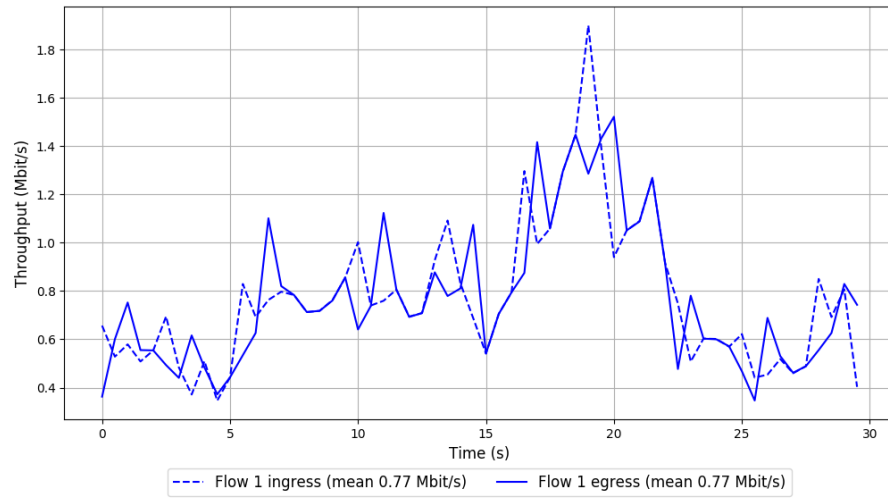
-- Flow 1:

Average throughput: 0.77 Mbit/s

95th percentile per-packet one-way delay: 70.405 ms

Loss rate: 0.00%

Run 8: Report of Sprout — Data Link



Run 9: Statistics of Sprout

Start at: Sun, 16 Jul 2017 21:49:35 +0000

End at: Sun, 16 Jul 2017 21:50:05 +0000

Local clock offset: 0.601 ms

Remote clock offset: 0.122 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:31:28 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.73 Mbit/s

95th percentile per-packet one-way delay: 68.978 ms

Loss rate: 0.00%

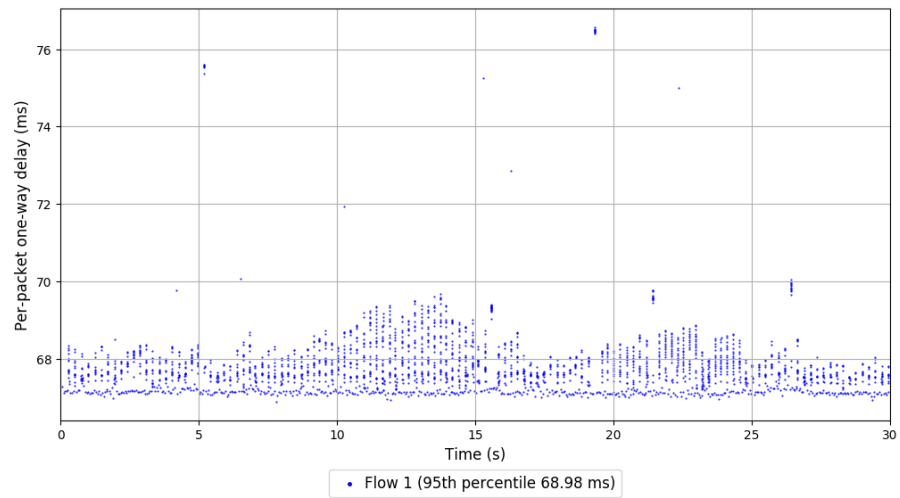
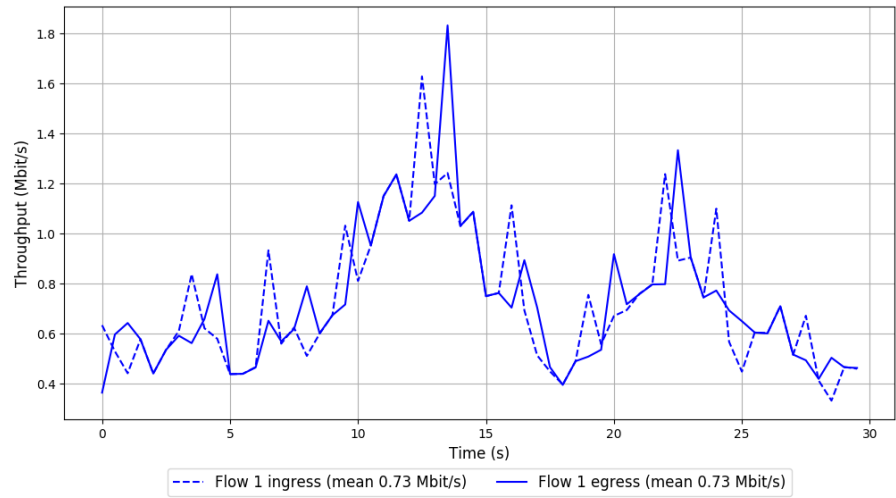
-- Flow 1:

Average throughput: 0.73 Mbit/s

95th percentile per-packet one-way delay: 68.978 ms

Loss rate: 0.00%

Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: Sun, 16 Jul 2017 22:07:46 +0000

End at: Sun, 16 Jul 2017 22:08:16 +0000

Local clock offset: -0.711 ms

Remote clock offset: -0.098 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:31:28 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.56 Mbit/s

95th percentile per-packet one-way delay: 73.306 ms

Loss rate: 0.00%

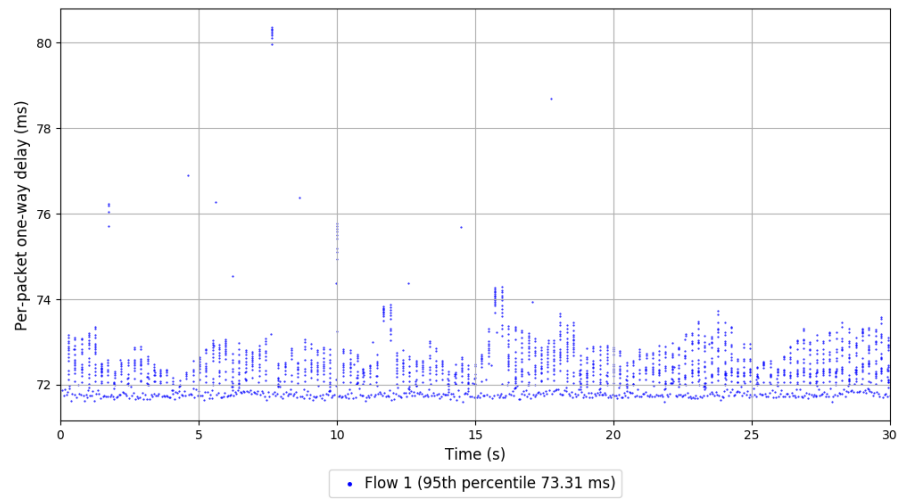
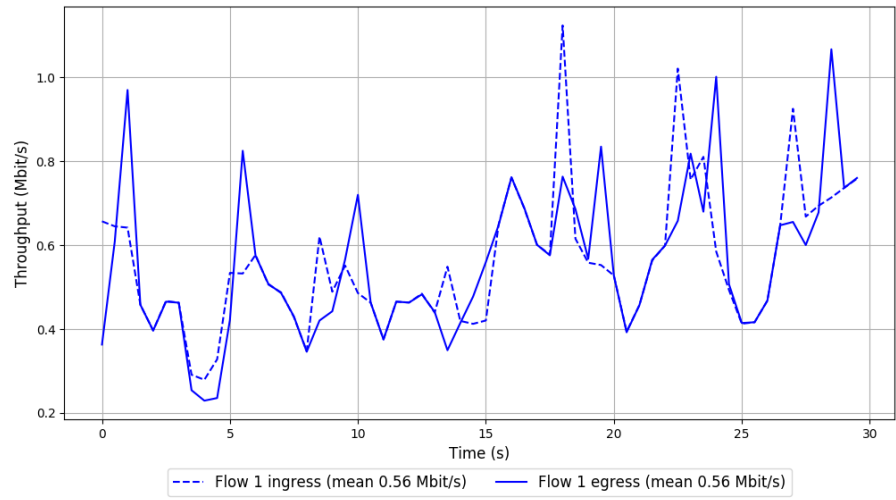
-- Flow 1:

Average throughput: 0.56 Mbit/s

95th percentile per-packet one-way delay: 73.306 ms

Loss rate: 0.00%

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: Sun, 16 Jul 2017 19:17:54 +0000

End at: Sun, 16 Jul 2017 19:18:24 +0000

Local clock offset: 1.459 ms

Remote clock offset: 0.248 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:31:40 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 53.92 Mbit/s

95th percentile per-packet one-way delay: 74.401 ms

Loss rate: 6.23%

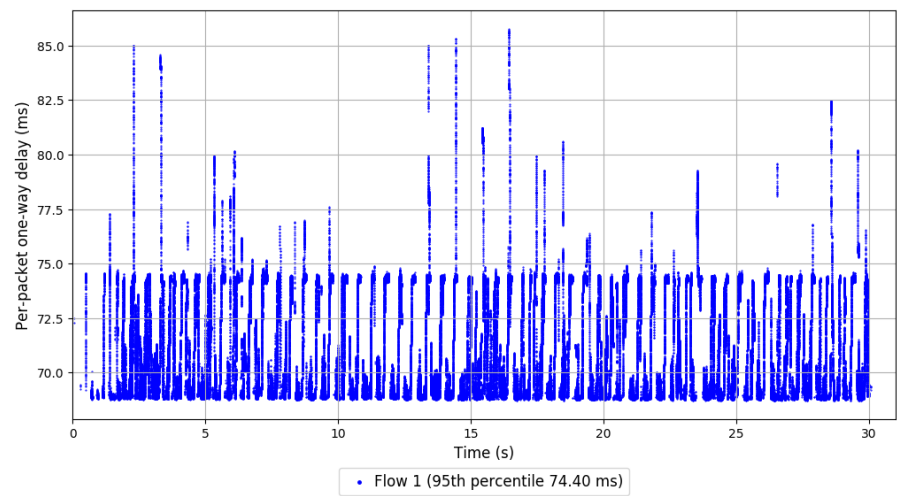
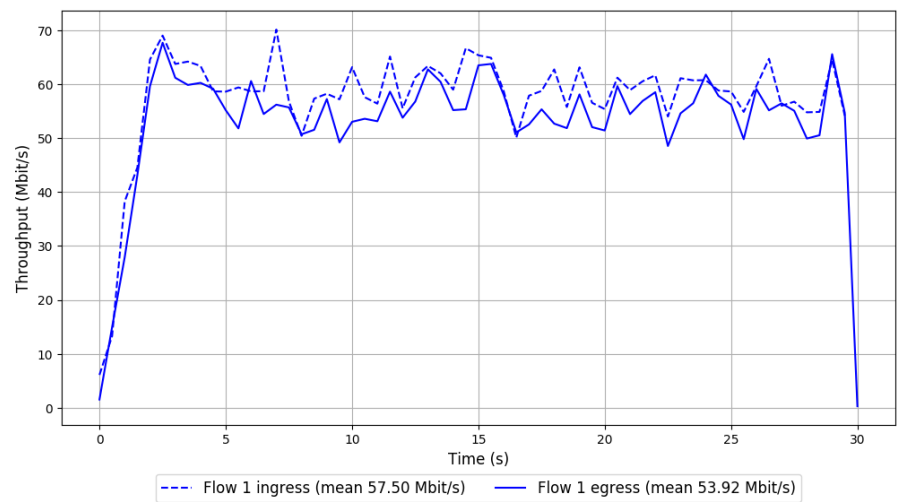
-- Flow 1:

Average throughput: 53.92 Mbit/s

95th percentile per-packet one-way delay: 74.401 ms

Loss rate: 6.23%

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



Run 2: Statistics of TaoVA-100x

Start at: Sun, 16 Jul 2017 19:36:06 +0000

End at: Sun, 16 Jul 2017 19:36:36 +0000

Local clock offset: 0.572 ms

Remote clock offset: 0.569 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:31:40 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 53.81 Mbit/s

95th percentile per-packet one-way delay: 74.564 ms

Loss rate: 6.30%

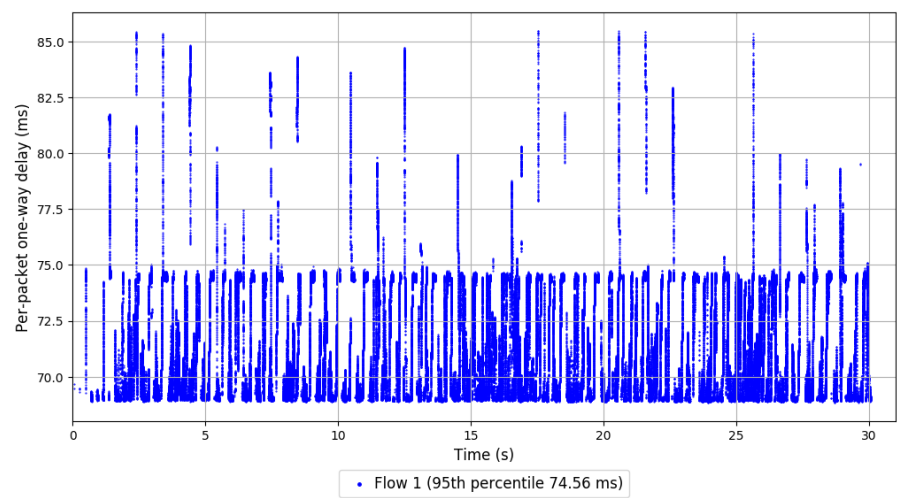
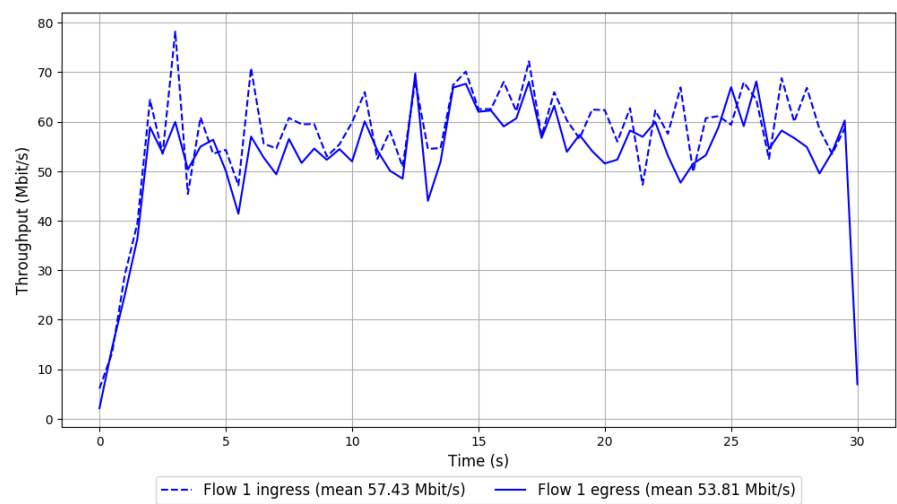
-- Flow 1:

Average throughput: 53.81 Mbit/s

95th percentile per-packet one-way delay: 74.564 ms

Loss rate: 6.30%

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



Run 3: Statistics of TaoVA-100x

Start at: Sun, 16 Jul 2017 19:54:20 +0000

End at: Sun, 16 Jul 2017 19:54:50 +0000

Local clock offset: -0.029 ms

Remote clock offset: 0.915 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:31:53 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 54.53 Mbit/s

95th percentile per-packet one-way delay: 74.528 ms

Loss rate: 5.53%

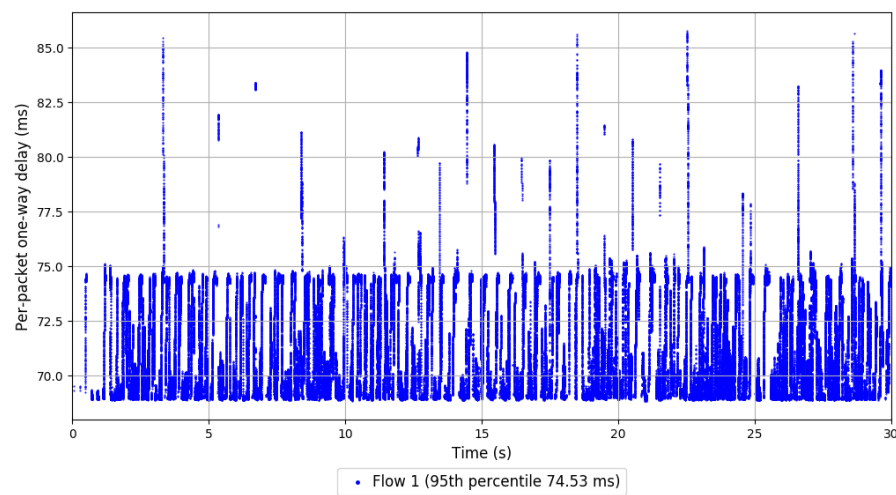
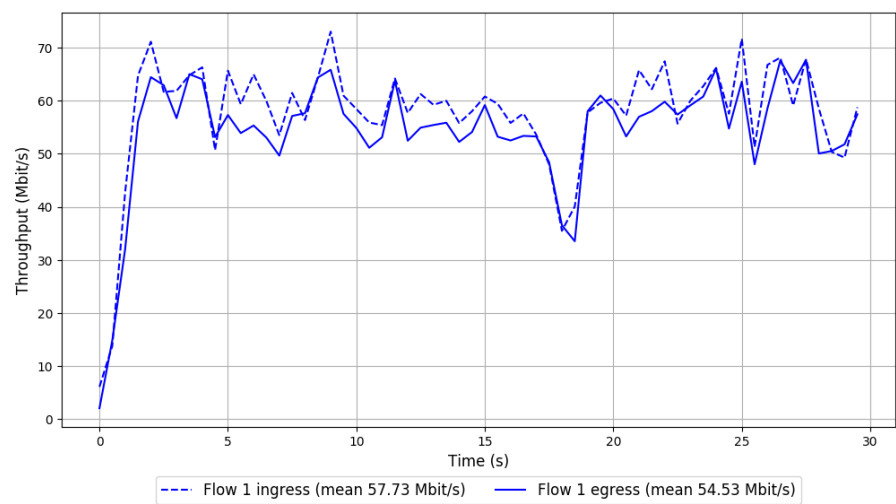
-- Flow 1:

Average throughput: 54.53 Mbit/s

95th percentile per-packet one-way delay: 74.528 ms

Loss rate: 5.53%

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



Run 4: Statistics of TaoVA-100x

Start at: Sun, 16 Jul 2017 20:12:34 +0000

End at: Sun, 16 Jul 2017 20:13:04 +0000

Local clock offset: -0.417 ms

Remote clock offset: 0.965 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:31:53 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 55.55 Mbit/s

95th percentile per-packet one-way delay: 74.597 ms

Loss rate: 5.86%

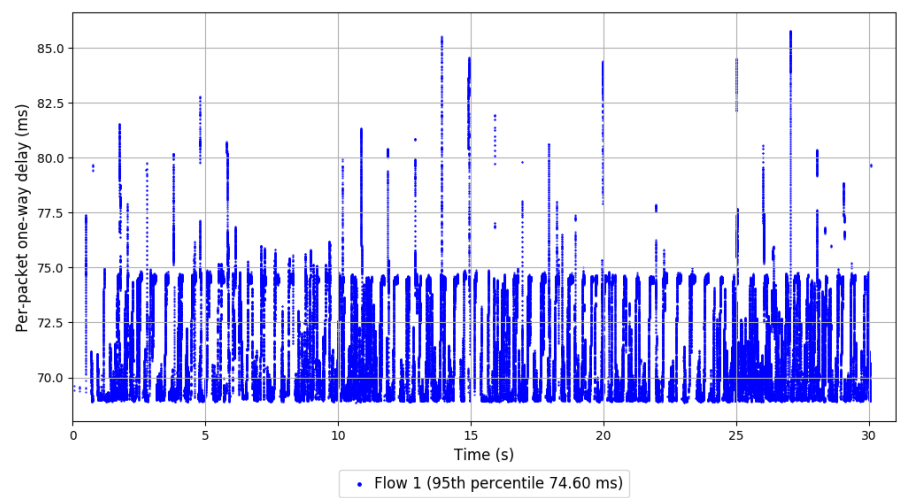
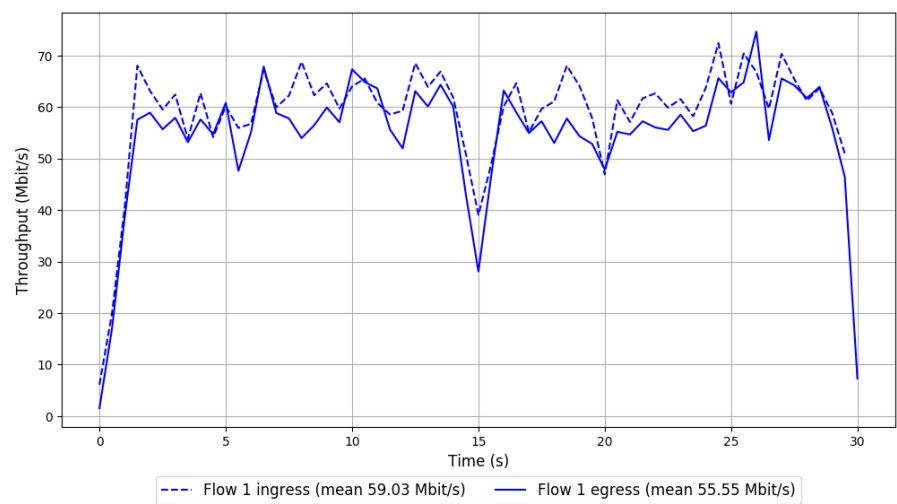
-- Flow 1:

Average throughput: 55.55 Mbit/s

95th percentile per-packet one-way delay: 74.597 ms

Loss rate: 5.86%

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



Run 5: Statistics of TaoVA-100x

Start at: Sun, 16 Jul 2017 20:30:45 +0000

End at: Sun, 16 Jul 2017 20:31:15 +0000

Local clock offset: -0.808 ms

Remote clock offset: 0.983 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:32:04 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 51.16 Mbit/s

95th percentile per-packet one-way delay: 77.101 ms

Loss rate: 6.71%

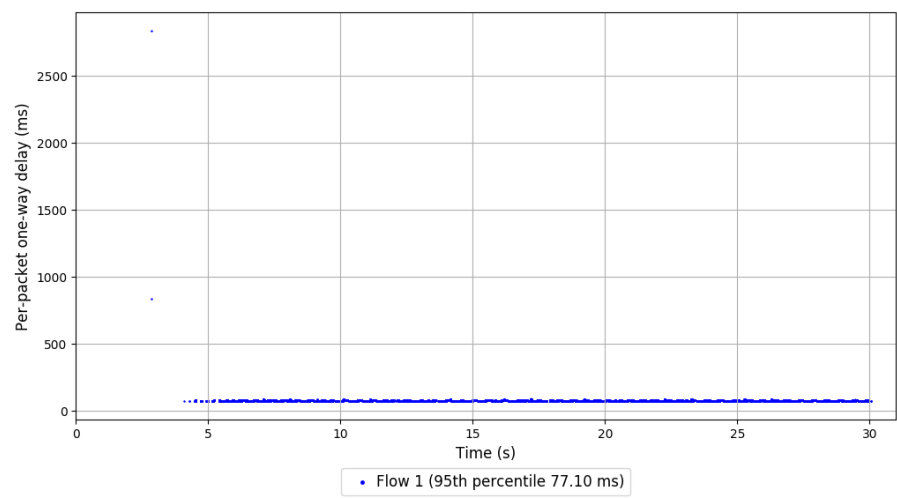
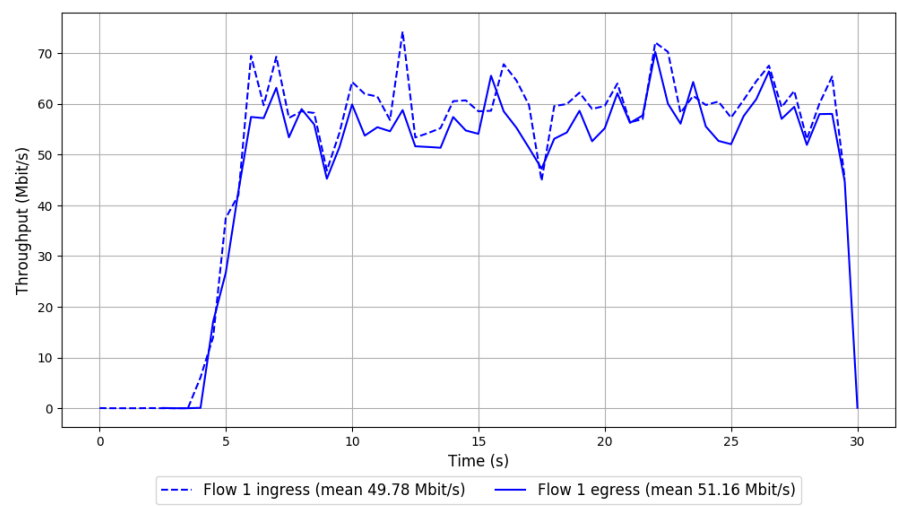
-- Flow 1:

Average throughput: 51.16 Mbit/s

95th percentile per-packet one-way delay: 77.101 ms

Loss rate: 6.71%

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



Run 6: Statistics of TaoVA-100x

Start at: Sun, 16 Jul 2017 20:48:56 +0000

End at: Sun, 16 Jul 2017 20:49:26 +0000

Local clock offset: -1.086 ms

Remote clock offset: 0.988 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:32:05 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 47.75 Mbit/s

95th percentile per-packet one-way delay: 102.159 ms

Loss rate: 6.08%

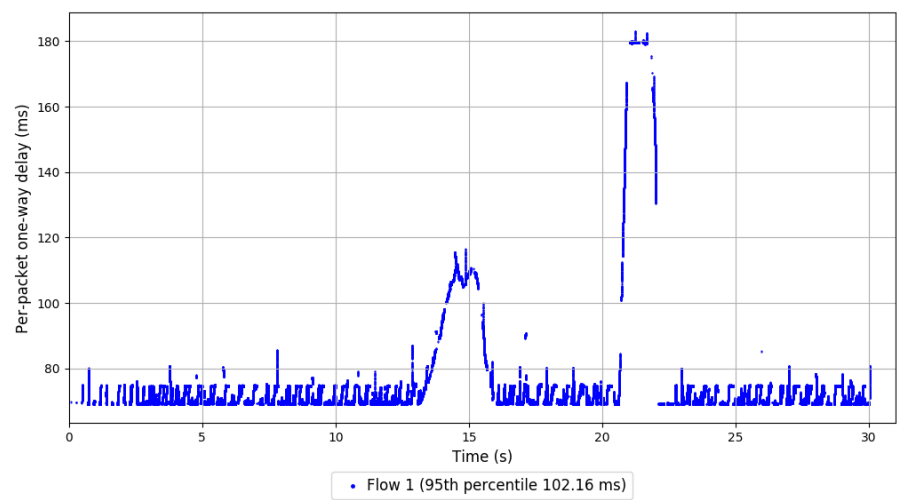
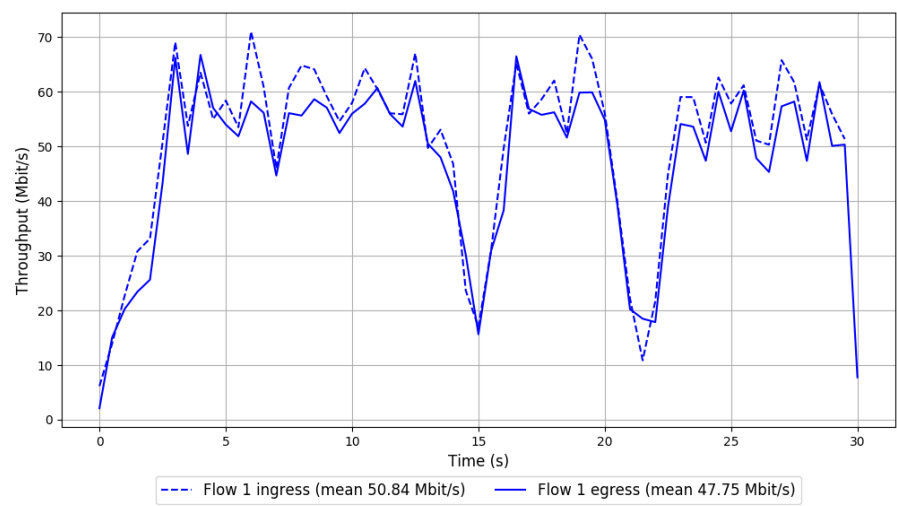
-- Flow 1:

Average throughput: 47.75 Mbit/s

95th percentile per-packet one-way delay: 102.159 ms

Loss rate: 6.08%

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



Run 7: Statistics of TaoVA-100x

Start at: Sun, 16 Jul 2017 21:07:10 +0000

End at: Sun, 16 Jul 2017 21:07:40 +0000

Local clock offset: 0.331 ms

Remote clock offset: 0.75 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:32:16 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 53.16 Mbit/s

95th percentile per-packet one-way delay: 73.283 ms

Loss rate: 6.53%

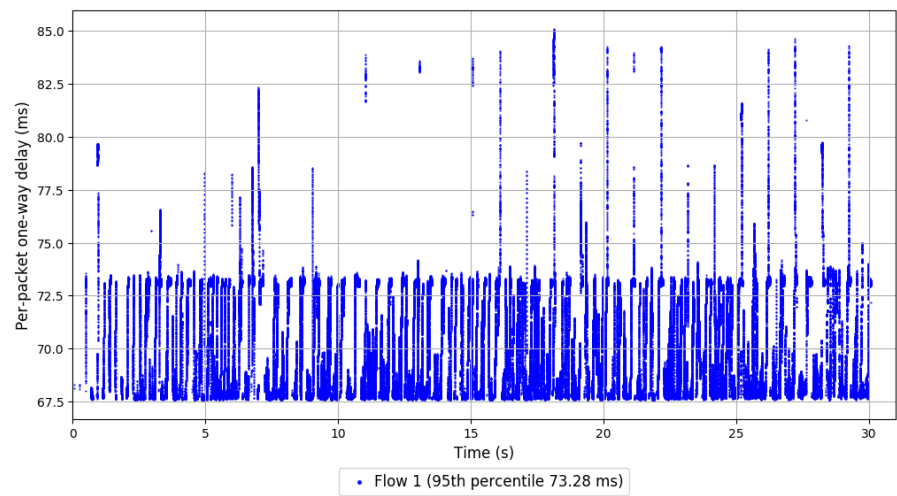
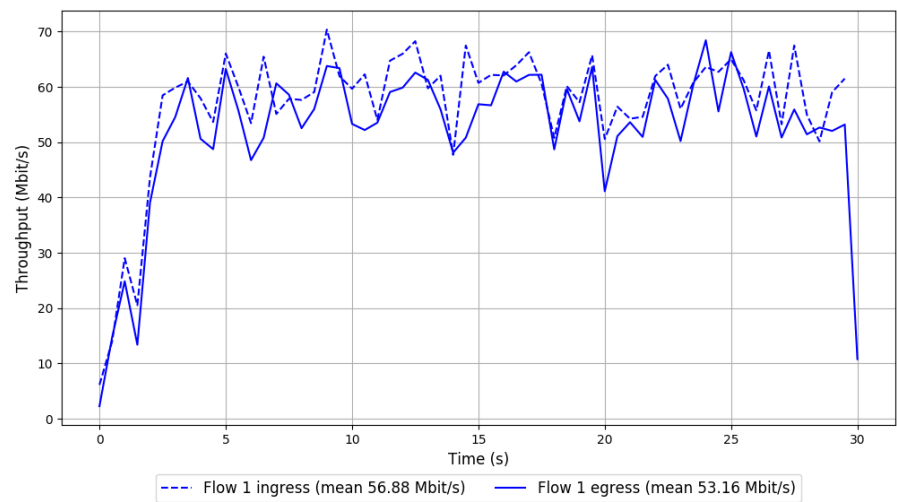
-- Flow 1:

Average throughput: 53.16 Mbit/s

95th percentile per-packet one-way delay: 73.283 ms

Loss rate: 6.53%

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



Run 8: Statistics of TaoVA-100x

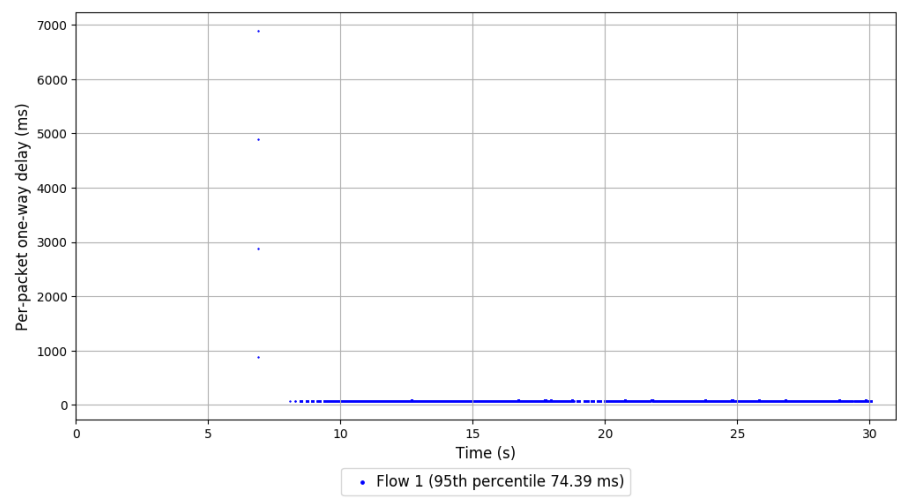
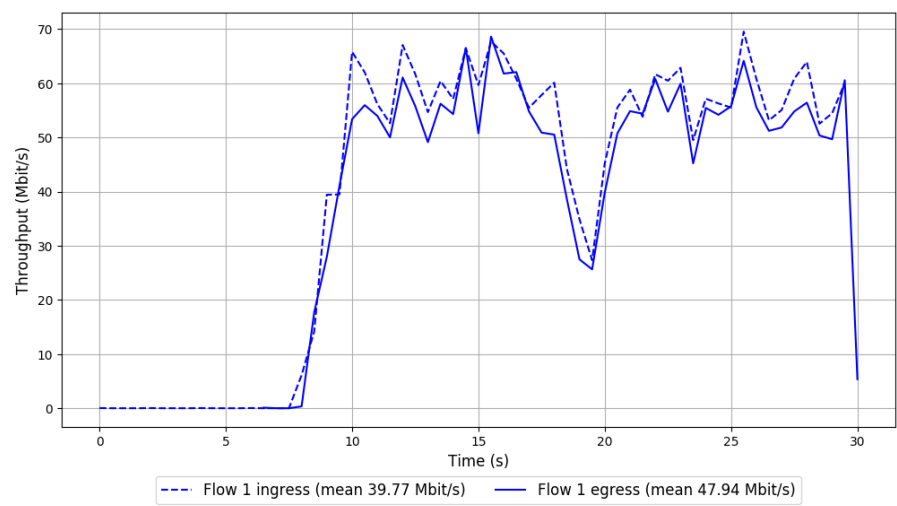
Start at: Sun, 16 Jul 2017 21:25:18 +0000

End at: Sun, 16 Jul 2017 21:25:48 +0000

Local clock offset: -1.01 ms

Remote clock offset: 0.47 ms

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



Run 9: Statistics of TaoVA-100x

Start at: Sun, 16 Jul 2017 21:43:22 +0000

End at: Sun, 16 Jul 2017 21:43:52 +0000

Local clock offset: -0.906 ms

Remote clock offset: 0.17 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:32:27 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 55.19 Mbit/s

95th percentile per-packet one-way delay: 74.408 ms

Loss rate: 5.93%

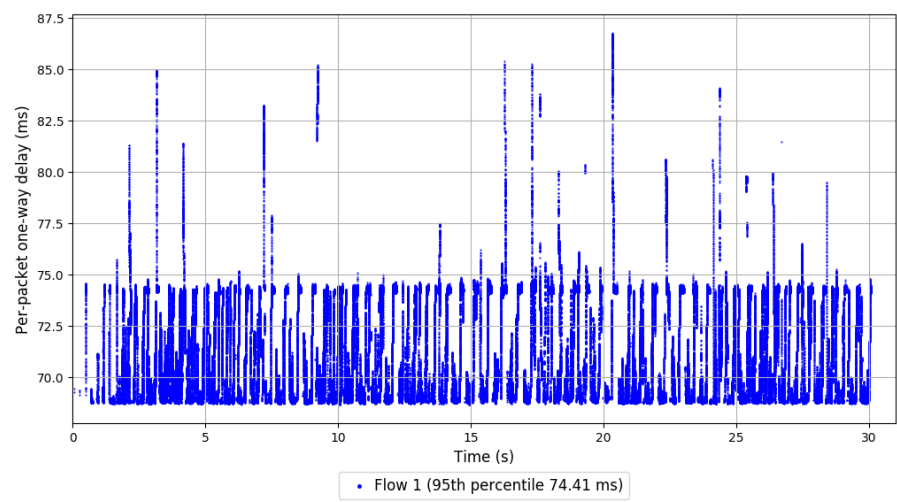
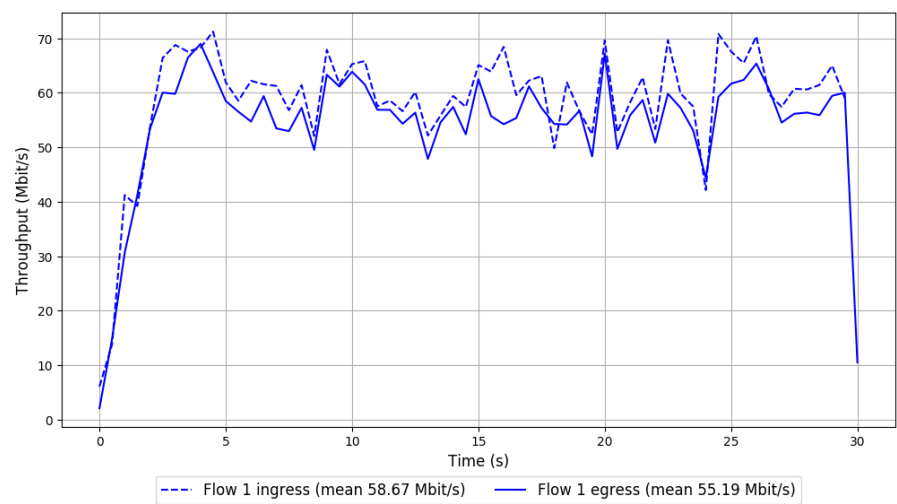
-- Flow 1:

Average throughput: 55.19 Mbit/s

95th percentile per-packet one-way delay: 74.408 ms

Loss rate: 5.93%

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



Run 10: Statistics of TaoVA-100x

Start at: Sun, 16 Jul 2017 22:01:36 +0000

End at: Sun, 16 Jul 2017 22:02:06 +0000

Local clock offset: -0.712 ms

Remote clock offset: -0.081 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:32:29 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 52.06 Mbit/s

95th percentile per-packet one-way delay: 77.174 ms

Loss rate: 6.35%

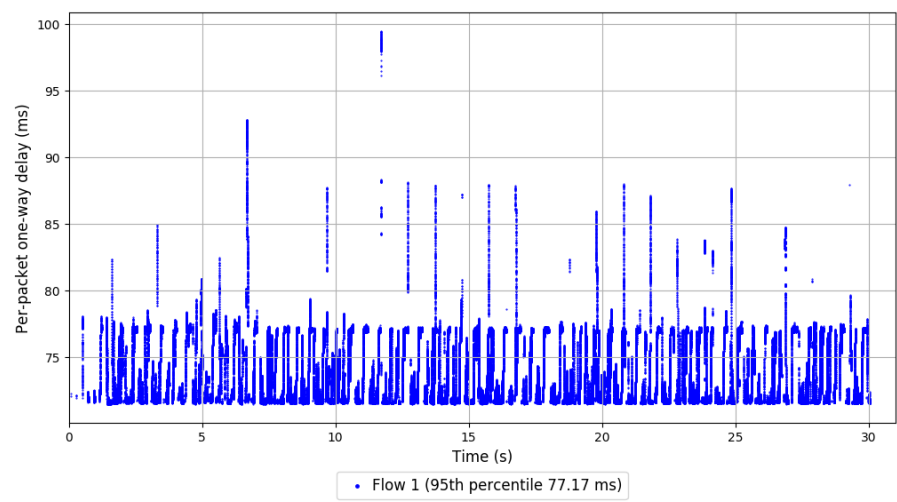
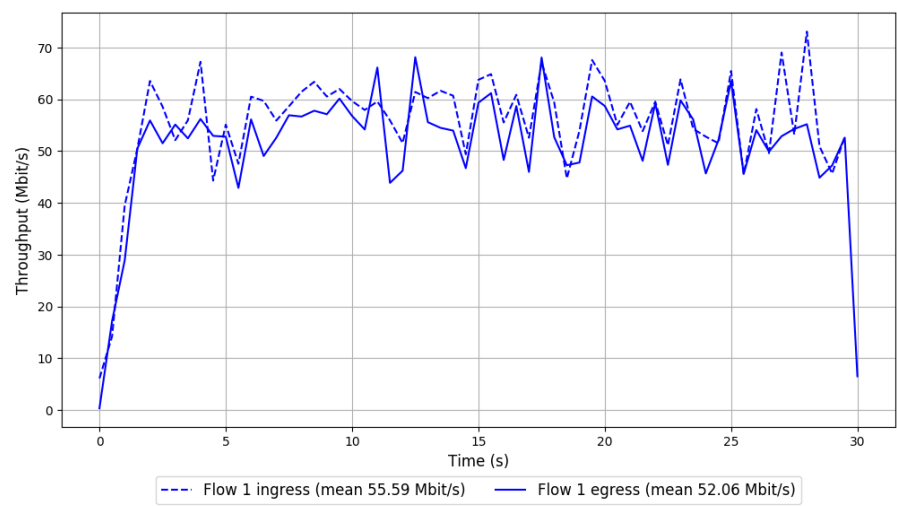
-- Flow 1:

Average throughput: 52.06 Mbit/s

95th percentile per-packet one-way delay: 77.174 ms

Loss rate: 6.35%

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



Run 1: Statistics of TCP Vegas

Start at: Sun, 16 Jul 2017 19:25:19 +0000

End at: Sun, 16 Jul 2017 19:25:49 +0000

Local clock offset: 2.427 ms

Remote clock offset: 0.404 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:32:29 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 9.31 Mbit/s

95th percentile per-packet one-way delay: 72.485 ms

Loss rate: 0.45%

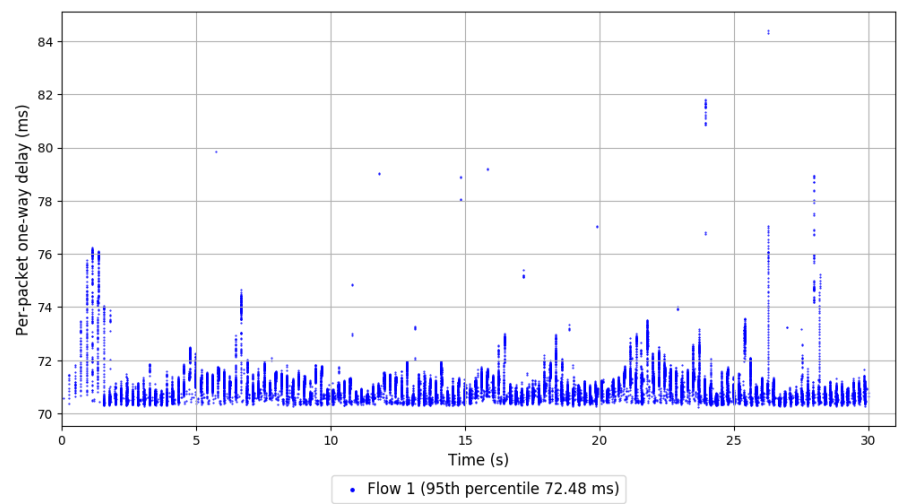
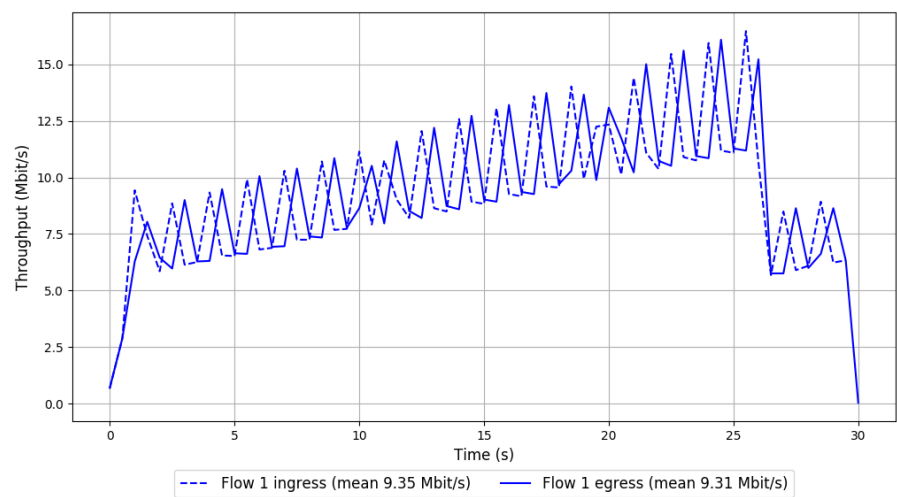
-- Flow 1:

Average throughput: 9.31 Mbit/s

95th percentile per-packet one-way delay: 72.485 ms

Loss rate: 0.45%

Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: Sun, 16 Jul 2017 19:43:31 +0000

End at: Sun, 16 Jul 2017 19:44:01 +0000

Local clock offset: 0.283 ms

Remote clock offset: 0.734 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:32:30 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 7.20 Mbit/s

95th percentile per-packet one-way delay: 73.408 ms

Loss rate: 0.75%

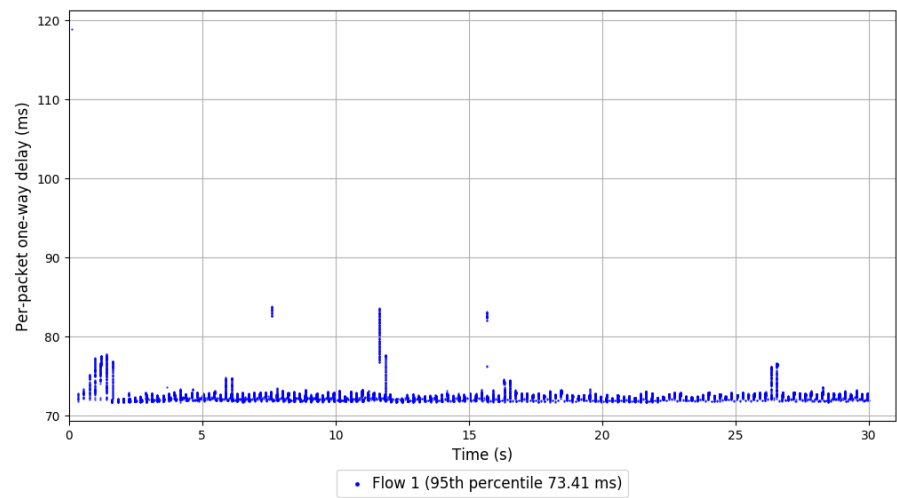
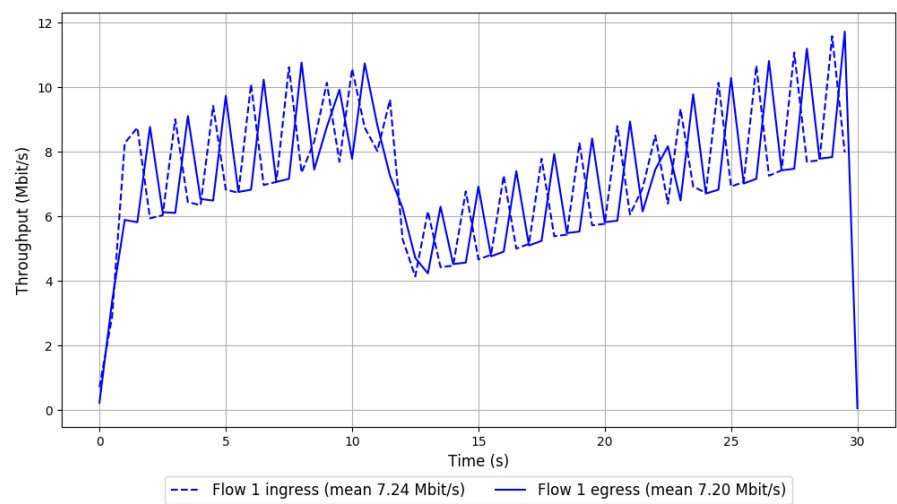
-- Flow 1:

Average throughput: 7.20 Mbit/s

95th percentile per-packet one-way delay: 73.408 ms

Loss rate: 0.75%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: Sun, 16 Jul 2017 20:01:46 +0000

End at: Sun, 16 Jul 2017 20:02:16 +0000

Local clock offset: -0.025 ms

Remote clock offset: 0.943 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:32:31 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 7.88 Mbit/s

95th percentile per-packet one-way delay: 72.645 ms

Loss rate: 0.19%

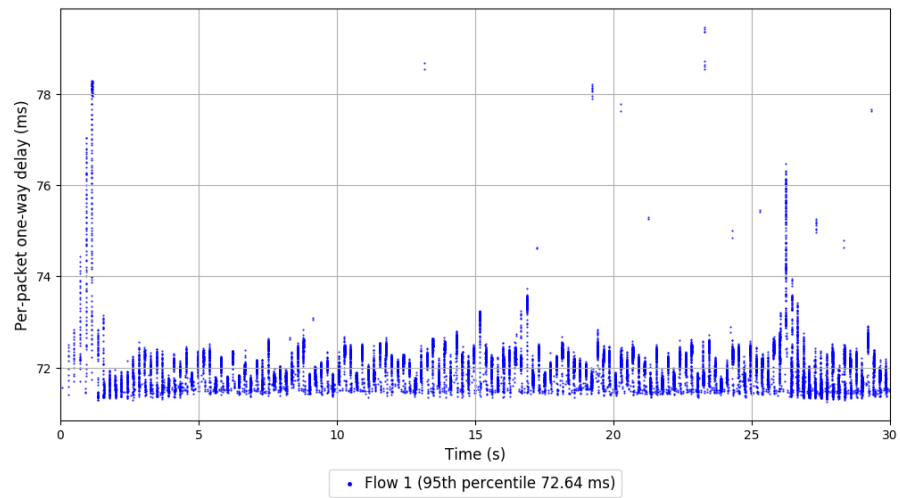
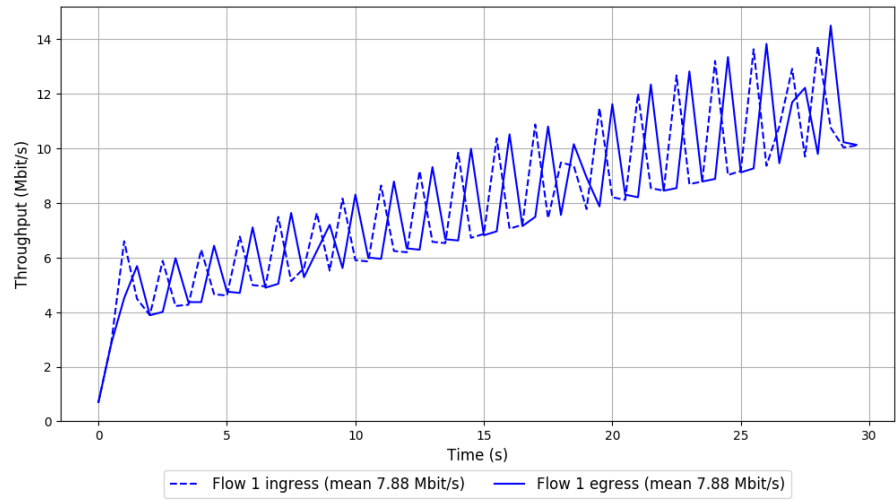
-- Flow 1:

Average throughput: 7.88 Mbit/s

95th percentile per-packet one-way delay: 72.645 ms

Loss rate: 0.19%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: Sun, 16 Jul 2017 20:19:56 +0000

End at: Sun, 16 Jul 2017 20:20:26 +0000

Local clock offset: 0.866 ms

Remote clock offset: 0.99 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:32:33 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 7.40 Mbit/s

95th percentile per-packet one-way delay: 73.188 ms

Loss rate: 0.55%

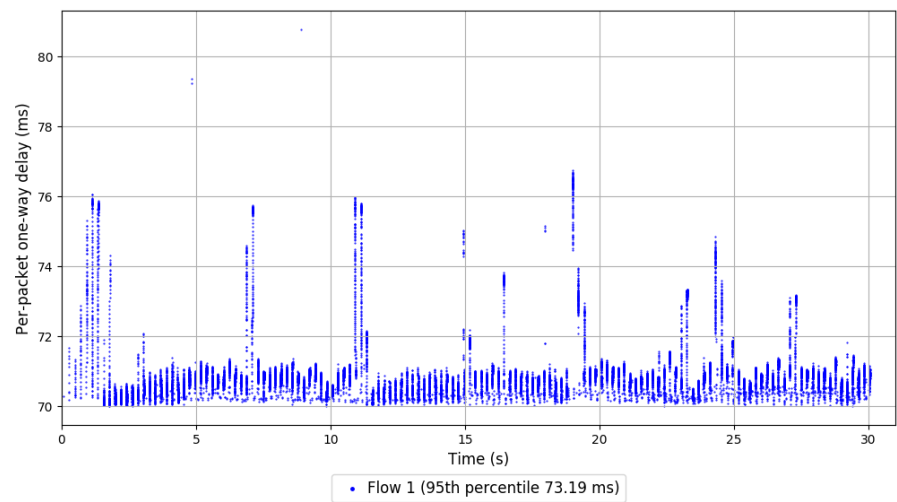
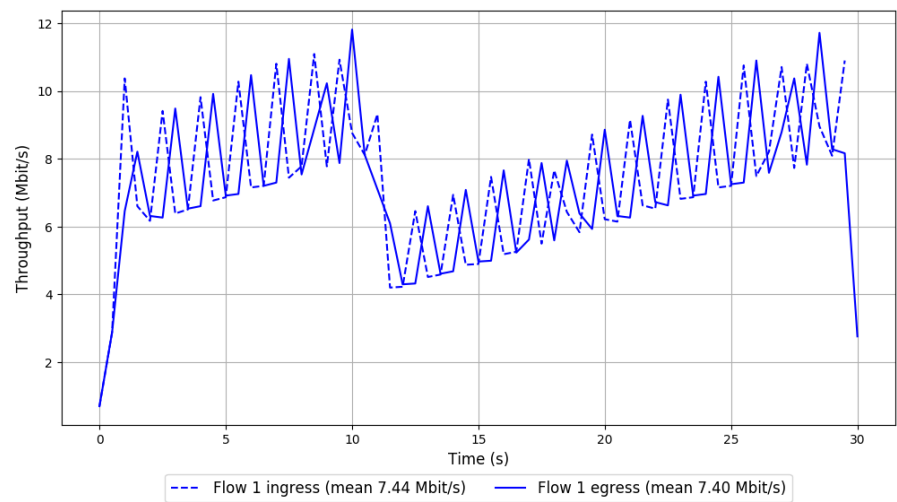
-- Flow 1:

Average throughput: 7.40 Mbit/s

95th percentile per-packet one-way delay: 73.188 ms

Loss rate: 0.55%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: Sun, 16 Jul 2017 20:38:08 +0000

End at: Sun, 16 Jul 2017 20:38:38 +0000

Local clock offset: -0.736 ms

Remote clock offset: 1.051 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:32:33 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 6.88 Mbit/s

95th percentile per-packet one-way delay: 73.690 ms

Loss rate: 0.60%

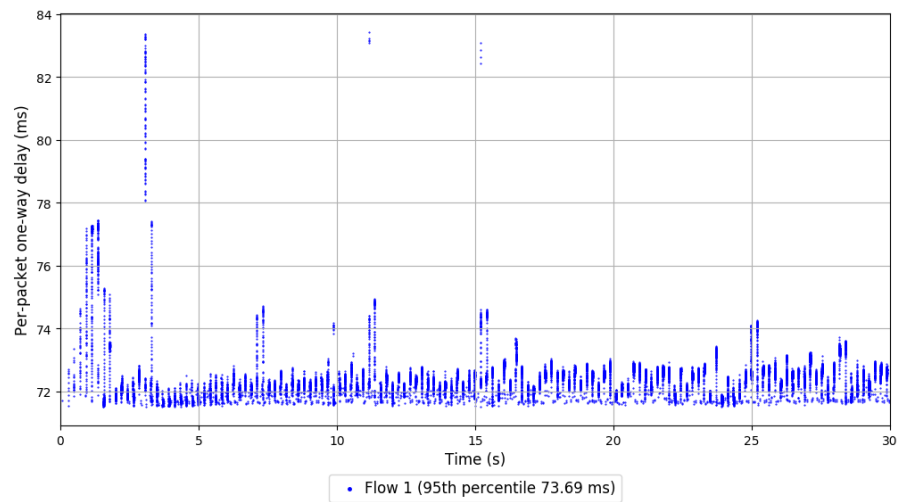
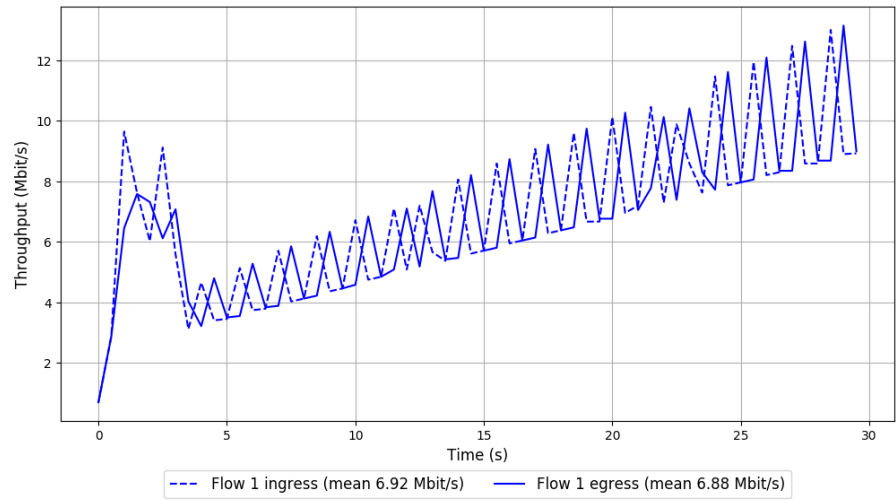
-- Flow 1:

Average throughput: 6.88 Mbit/s

95th percentile per-packet one-way delay: 73.690 ms

Loss rate: 0.60%

Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: Sun, 16 Jul 2017 20:56:22 +0000

End at: Sun, 16 Jul 2017 20:56:52 +0000

Local clock offset: -0.933 ms

Remote clock offset: 0.85 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:32:35 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 8.47 Mbit/s

95th percentile per-packet one-way delay: 72.831 ms

Loss rate: 0.63%

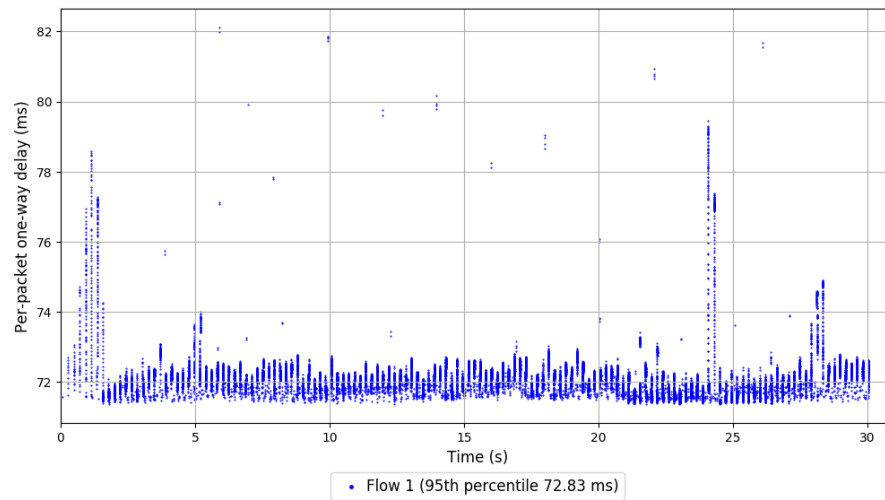
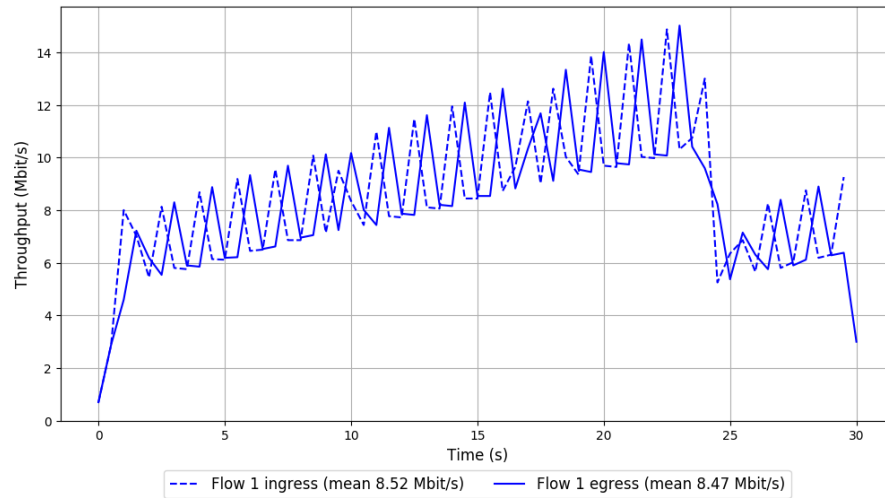
-- Flow 1:

Average throughput: 8.47 Mbit/s

95th percentile per-packet one-way delay: 72.831 ms

Loss rate: 0.63%

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: Sun, 16 Jul 2017 21:14:36 +0000

End at: Sun, 16 Jul 2017 21:15:06 +0000

Local clock offset: -0.884 ms

Remote clock offset: 0.664 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:32:35 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 6.24 Mbit/s

95th percentile per-packet one-way delay: 71.495 ms

Loss rate: 0.90%

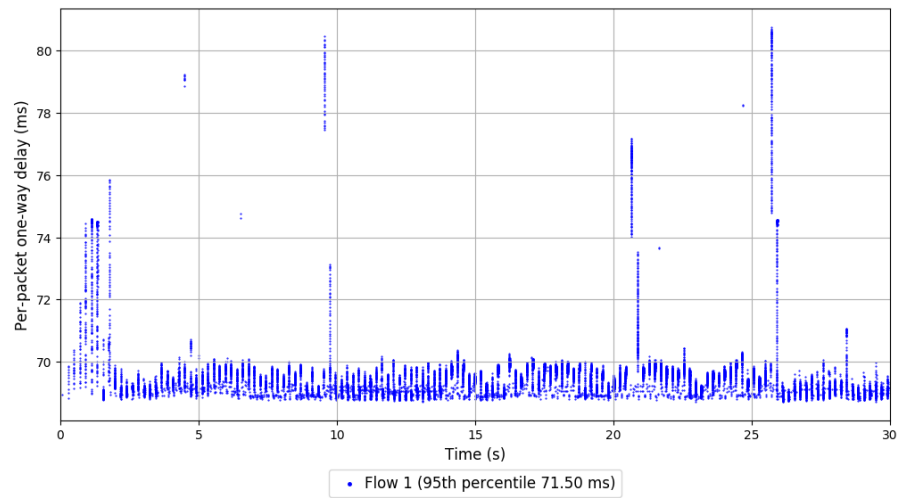
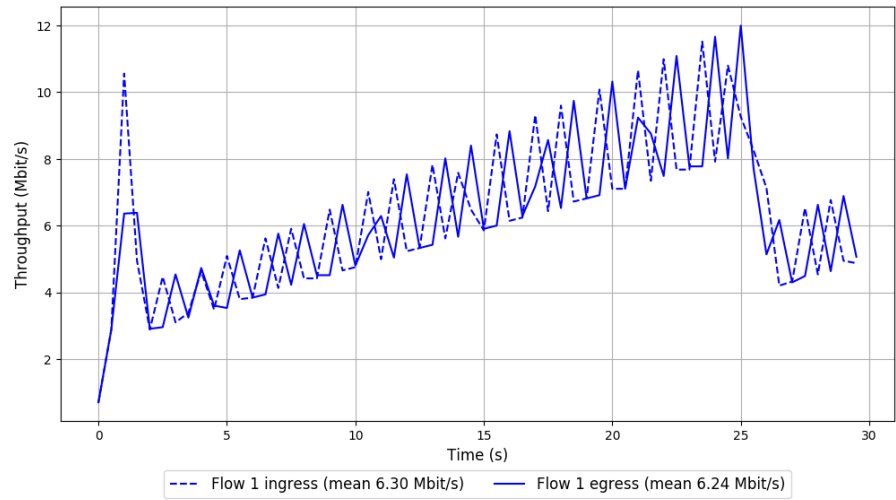
-- Flow 1:

Average throughput: 6.24 Mbit/s

95th percentile per-packet one-way delay: 71.495 ms

Loss rate: 0.90%

Run 7: Report of TCP Vegas — Data Link



Run 8: Statistics of TCP Vegas

Start at: Sun, 16 Jul 2017 21:32:38 +0000

End at: Sun, 16 Jul 2017 21:33:08 +0000

Local clock offset: 0.452 ms

Remote clock offset: 0.41 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:32:36 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 7.06 Mbit/s

95th percentile per-packet one-way delay: 71.911 ms

Loss rate: 0.51%

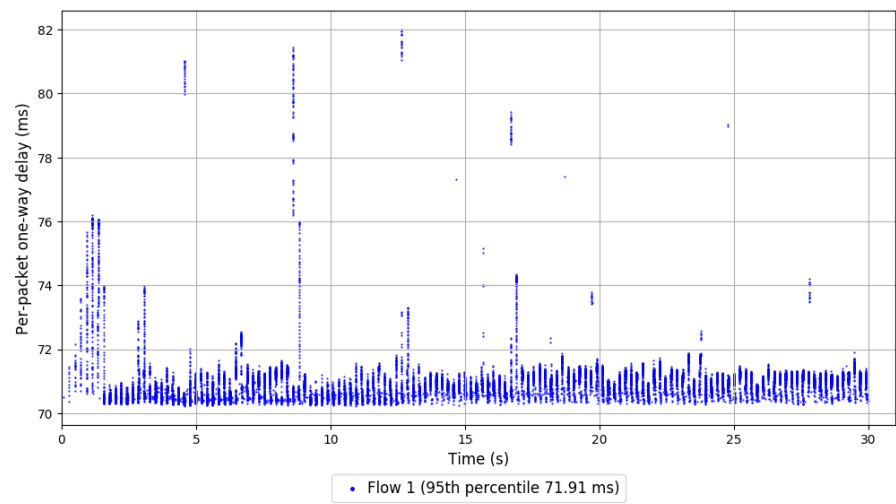
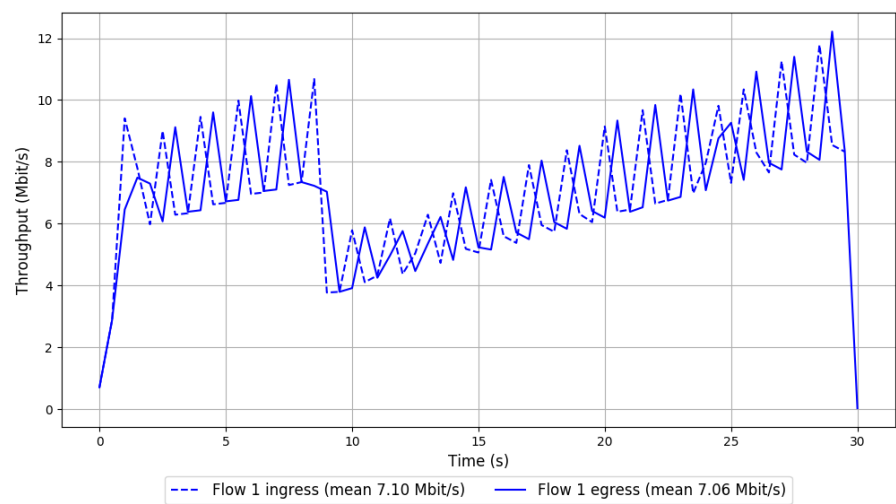
-- Flow 1:

Average throughput: 7.06 Mbit/s

95th percentile per-packet one-way delay: 71.911 ms

Loss rate: 0.51%

Run 8: Report of TCP Vegas — Data Link



Run 9: Statistics of TCP Vegas

Start at: Sun, 16 Jul 2017 21:50:44 +0000

End at: Sun, 16 Jul 2017 21:51:14 +0000

Local clock offset: -0.836 ms

Remote clock offset: 0.09 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:32:38 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 10.18 Mbit/s

95th percentile per-packet one-way delay: 73.153 ms

Loss rate: 0.31%

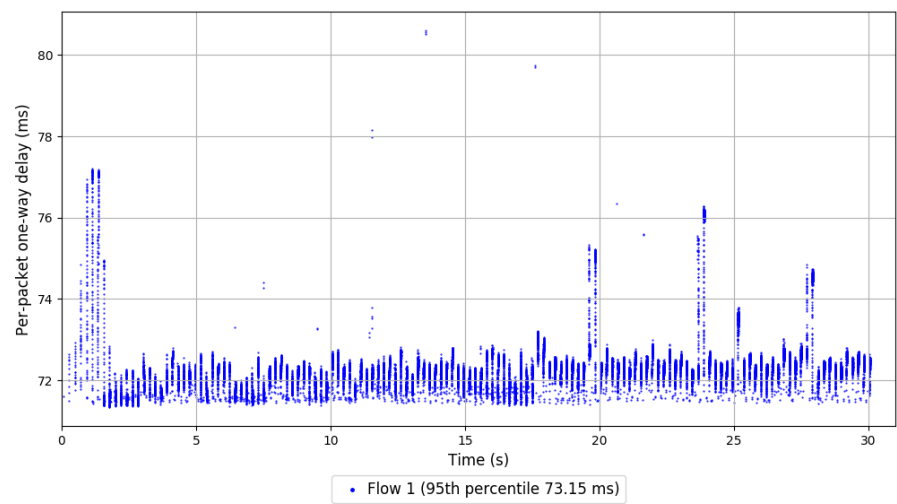
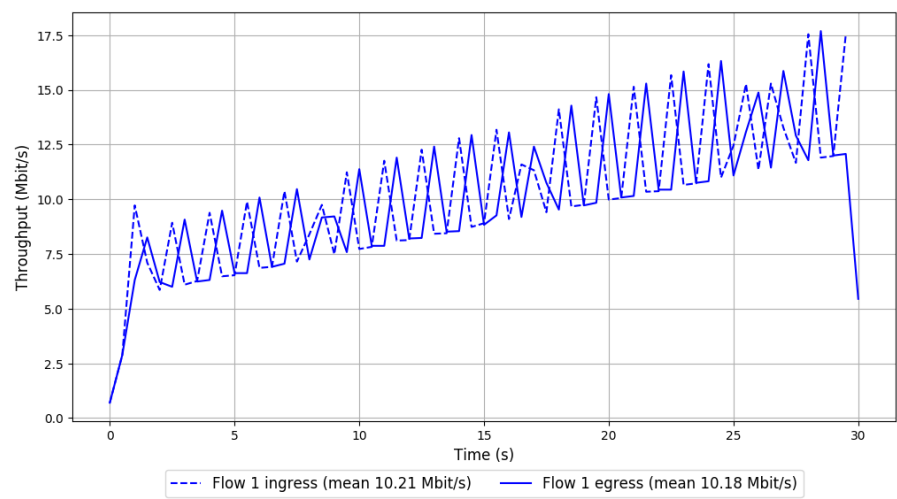
-- Flow 1:

Average throughput: 10.18 Mbit/s

95th percentile per-packet one-way delay: 73.153 ms

Loss rate: 0.31%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: Sun, 16 Jul 2017 22:08:56 +0000

End at: Sun, 16 Jul 2017 22:09:26 +0000

Local clock offset: 0.599 ms

Remote clock offset: -0.201 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:32:38 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.18 Mbit/s

95th percentile per-packet one-way delay: 71.688 ms

Loss rate: 0.90%

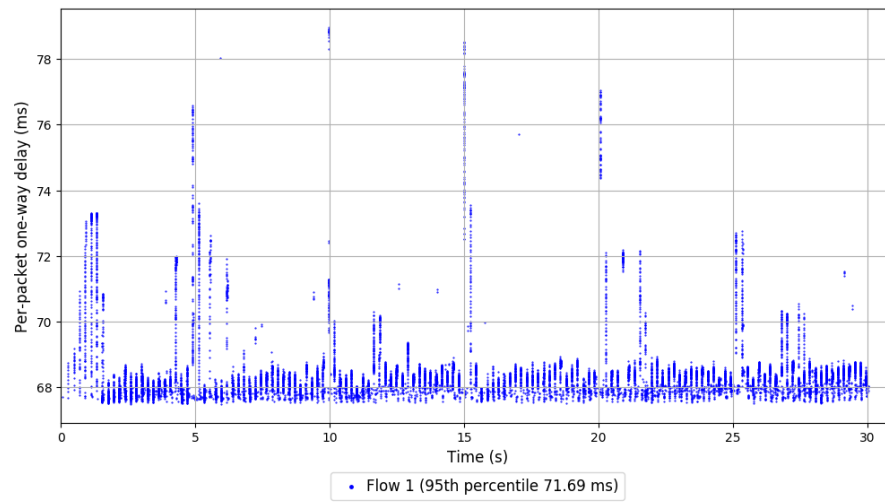
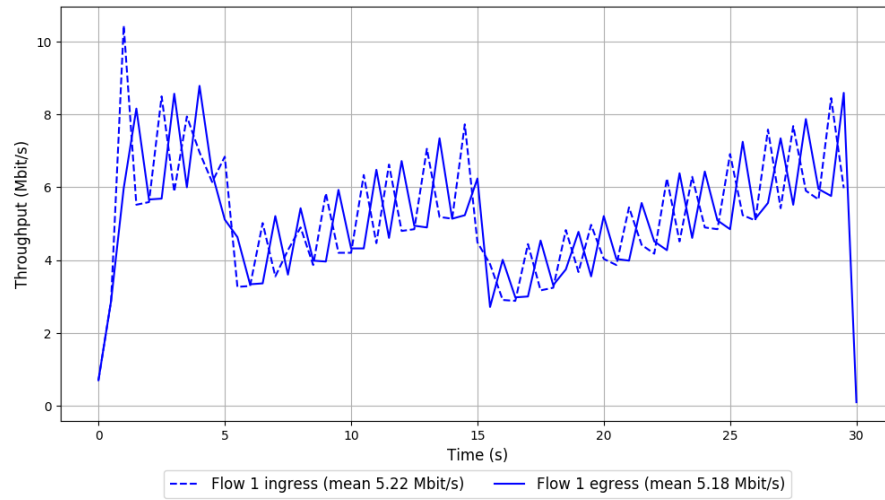
-- Flow 1:

Average throughput: 5.18 Mbit/s

95th percentile per-packet one-way delay: 71.688 ms

Loss rate: 0.90%

Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: Sun, 16 Jul 2017 19:20:27 +0000

End at: Sun, 16 Jul 2017 19:20:57 +0000

Local clock offset: 2.777 ms

Remote clock offset: 0.288 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:32:47 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 40.00 Mbit/s

95th percentile per-packet one-way delay: 74.868 ms

Loss rate: 77.24%

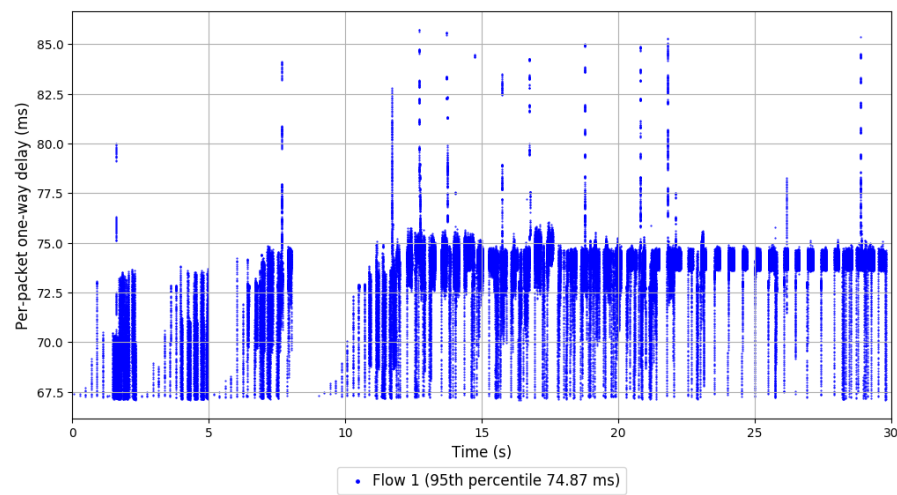
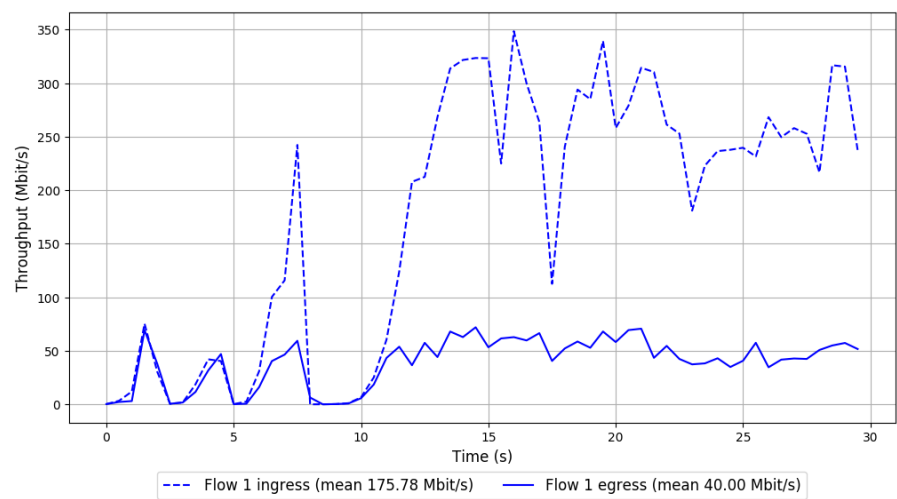
-- Flow 1:

Average throughput: 40.00 Mbit/s

95th percentile per-packet one-way delay: 74.868 ms

Loss rate: 77.24%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: Sun, 16 Jul 2017 19:38:40 +0000

End at: Sun, 16 Jul 2017 19:39:10 +0000

Local clock offset: 1.953 ms

Remote clock offset: 0.65 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:32:47 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 33.30 Mbit/s

95th percentile per-packet one-way delay: 78.059 ms

Loss rate: 75.37%

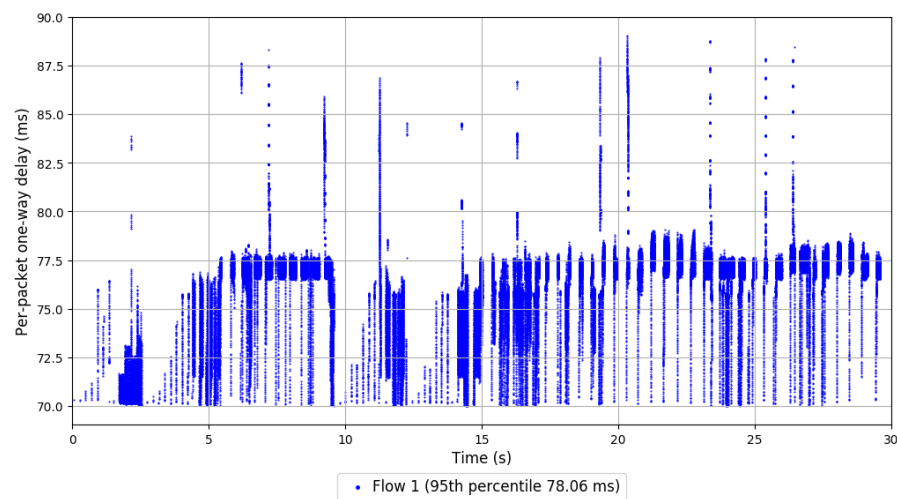
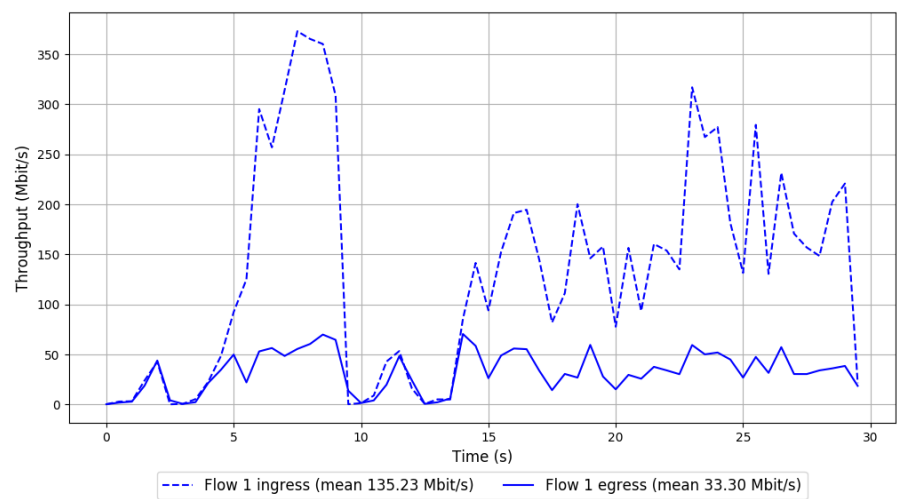
-- Flow 1:

Average throughput: 33.30 Mbit/s

95th percentile per-packet one-way delay: 78.059 ms

Loss rate: 75.37%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: Sun, 16 Jul 2017 19:56:54 +0000

End at: Sun, 16 Jul 2017 19:57:24 +0000

Local clock offset: -0.154 ms

Remote clock offset: 0.916 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:32:53 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 40.82 Mbit/s

95th percentile per-packet one-way delay: 77.064 ms

Loss rate: 77.49%

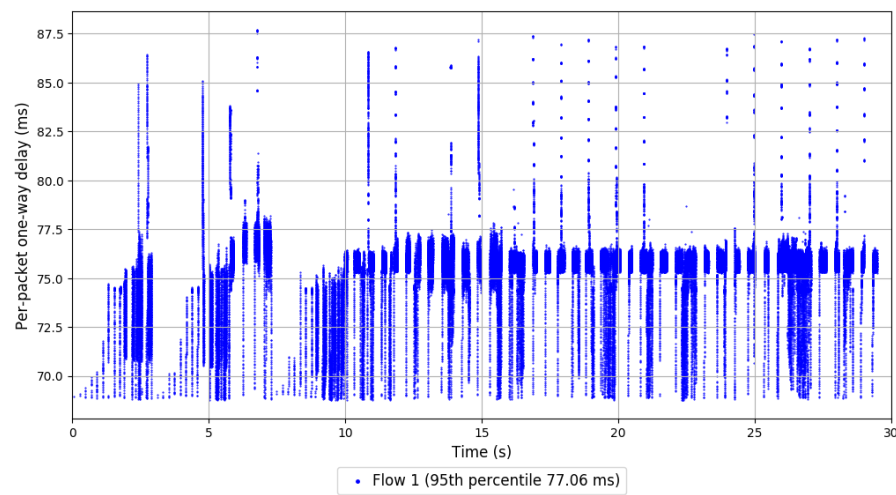
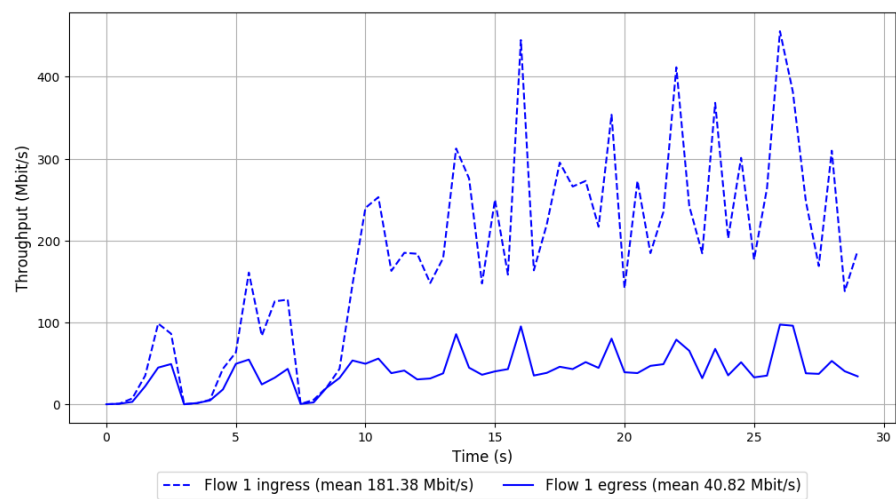
-- Flow 1:

Average throughput: 40.82 Mbit/s

95th percentile per-packet one-way delay: 77.064 ms

Loss rate: 77.49%

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: Sun, 16 Jul 2017 20:15:08 +0000

End at: Sun, 16 Jul 2017 20:15:38 +0000

Local clock offset: 1.099 ms

Remote clock offset: 1.005 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:32:53 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 17.08 Mbit/s

95th percentile per-packet one-way delay: 83.976 ms

Loss rate: 30.35%

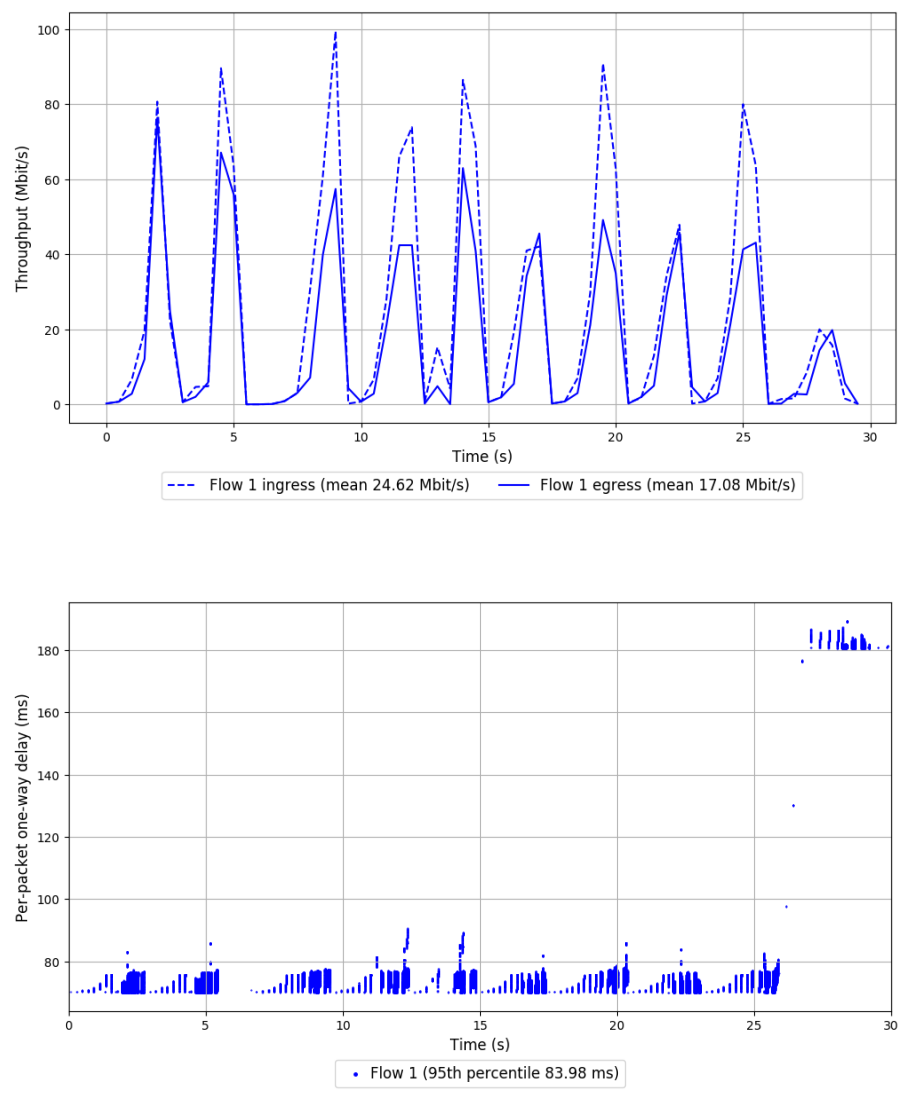
-- Flow 1:

Average throughput: 17.08 Mbit/s

95th percentile per-packet one-way delay: 83.976 ms

Loss rate: 30.35%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: Sun, 16 Jul 2017 20:33:18 +0000

End at: Sun, 16 Jul 2017 20:33:48 +0000

Local clock offset: 0.68 ms

Remote clock offset: 0.999 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:32:55 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 27.05 Mbit/s

95th percentile per-packet one-way delay: 77.391 ms

Loss rate: 68.18%

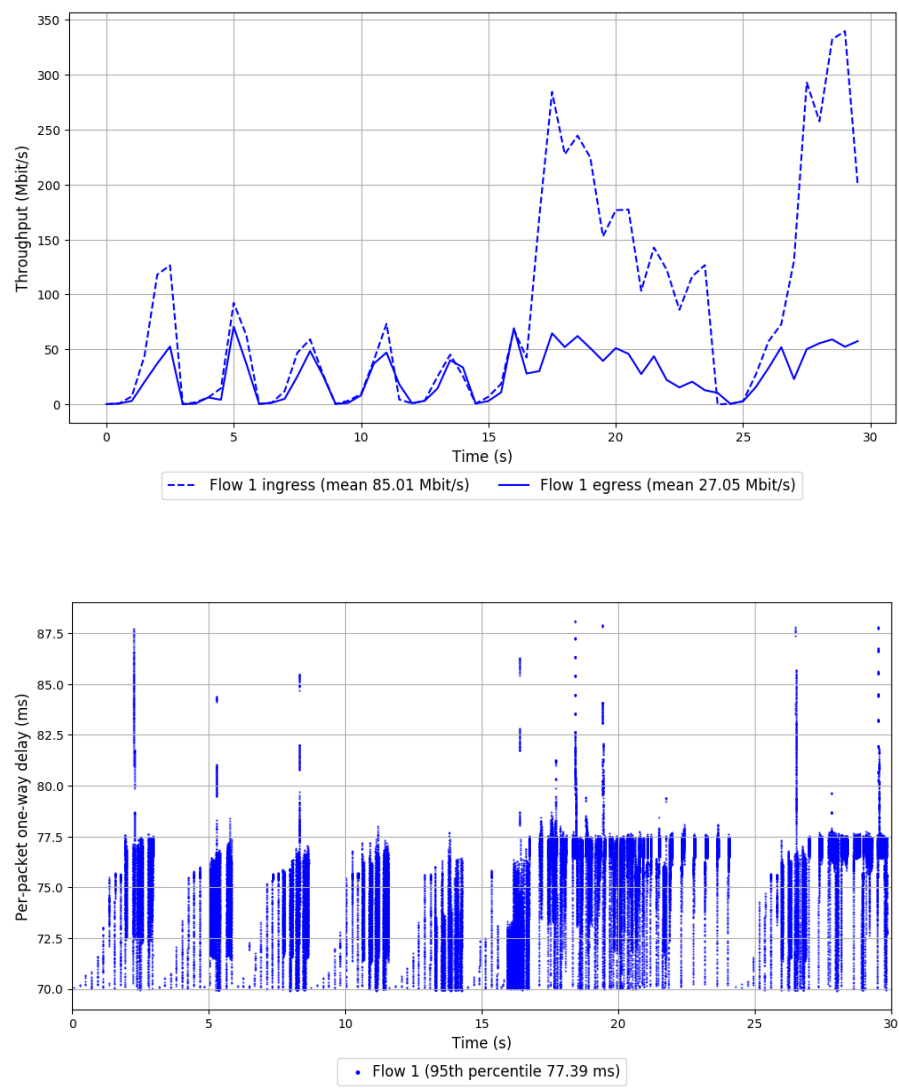
-- Flow 1:

Average throughput: 27.05 Mbit/s

95th percentile per-packet one-way delay: 77.391 ms

Loss rate: 68.18%

Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: Sun, 16 Jul 2017 20:51:29 +0000

End at: Sun, 16 Jul 2017 20:51:59 +0000

Local clock offset: -1.057 ms

Remote clock offset: 0.855 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:33:03 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 43.80 Mbit/s

95th percentile per-packet one-way delay: 77.024 ms

Loss rate: 75.89%

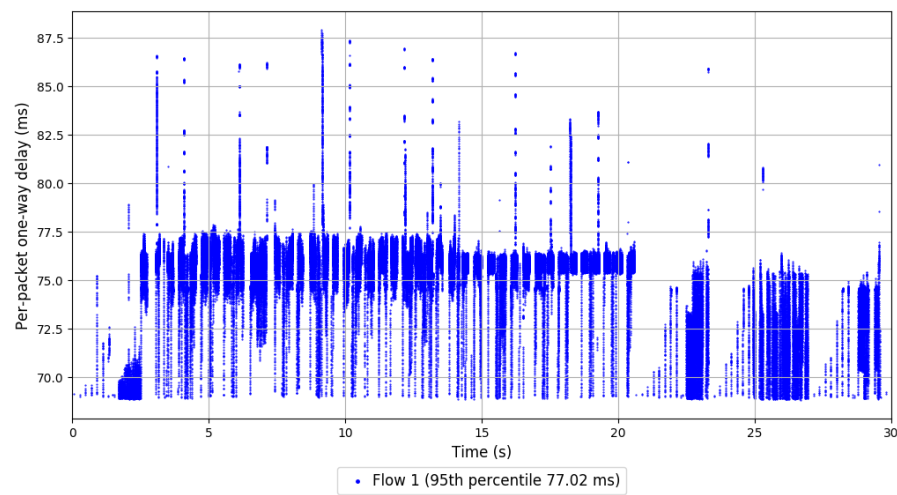
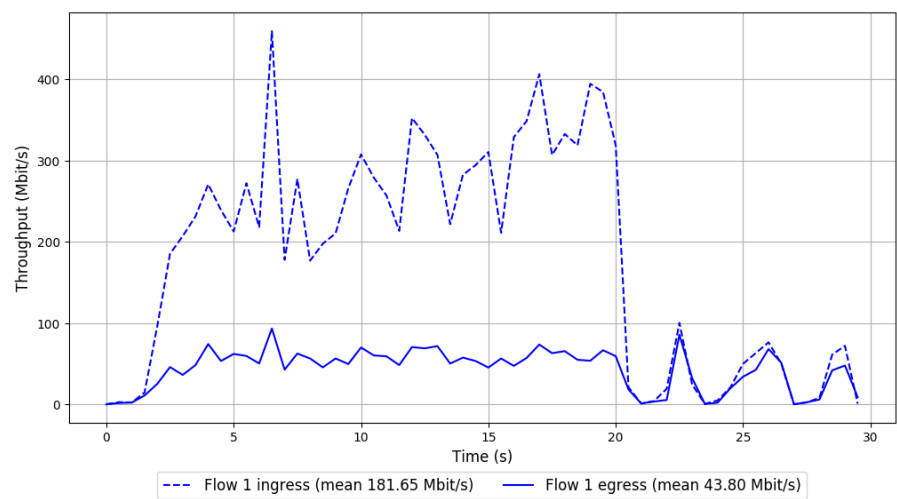
-- Flow 1:

Average throughput: 43.80 Mbit/s

95th percentile per-packet one-way delay: 77.024 ms

Loss rate: 75.89%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: Sun, 16 Jul 2017 21:09:43 +0000

End at: Sun, 16 Jul 2017 21:10:13 +0000

Local clock offset: 0.427 ms

Remote clock offset: 0.716 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:33:07 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 55.32 Mbit/s

95th percentile per-packet one-way delay: 78.348 ms

Loss rate: 77.91%

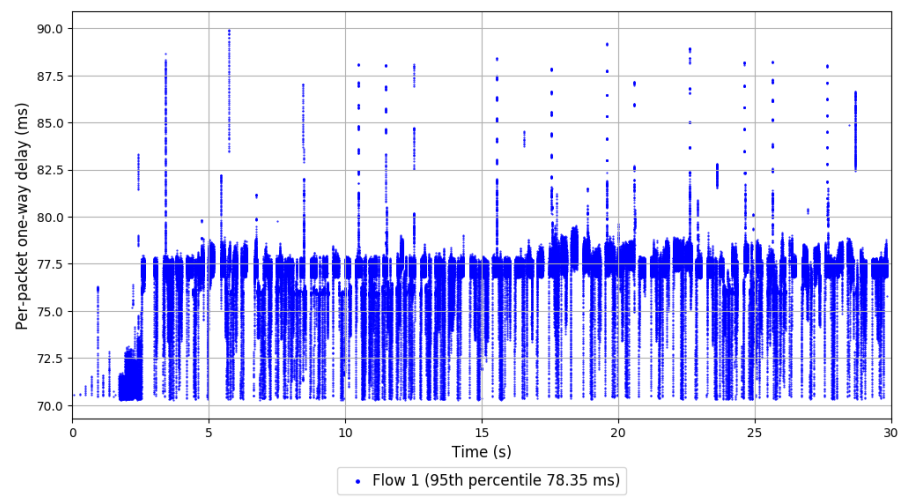
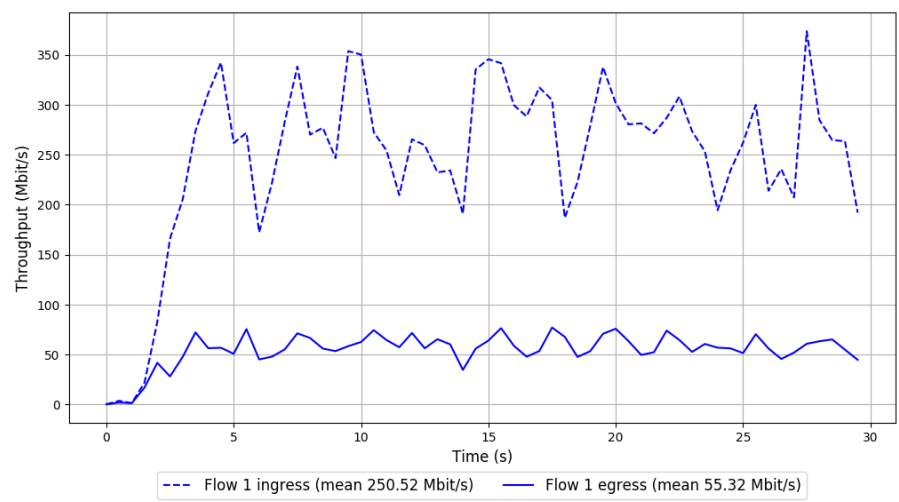
-- Flow 1:

Average throughput: 55.32 Mbit/s

95th percentile per-packet one-way delay: 78.348 ms

Loss rate: 77.91%

Run 7: Report of Verus — Data Link



Run 8: Statistics of Verus

Start at: Sun, 16 Jul 2017 21:27:49 +0000

End at: Sun, 16 Jul 2017 21:28:19 +0000

Local clock offset: -1.034 ms

Remote clock offset: 0.46 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:33:11 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 37.81 Mbit/s

95th percentile per-packet one-way delay: 79.516 ms

Loss rate: 74.68%

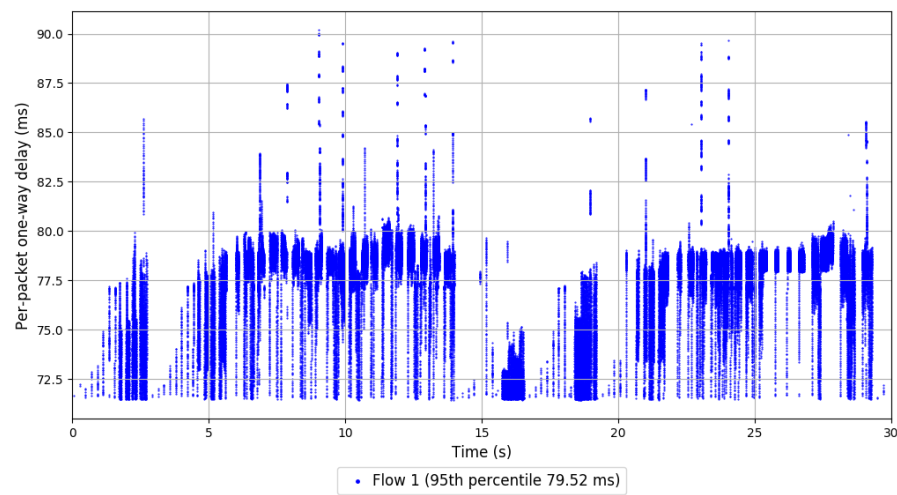
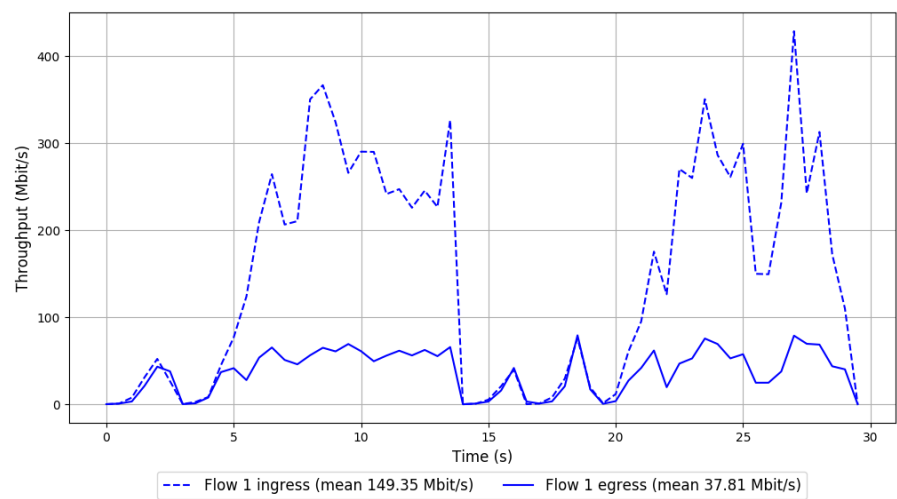
-- Flow 1:

Average throughput: 37.81 Mbit/s

95th percentile per-packet one-way delay: 79.516 ms

Loss rate: 74.68%

Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

Start at: Sun, 16 Jul 2017 21:45:55 +0000

End at: Sun, 16 Jul 2017 21:46:25 +0000

Local clock offset: -0.833 ms

Remote clock offset: 0.179 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:33:15 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 40.19 Mbit/s

95th percentile per-packet one-way delay: 76.918 ms

Loss rate: 75.85%

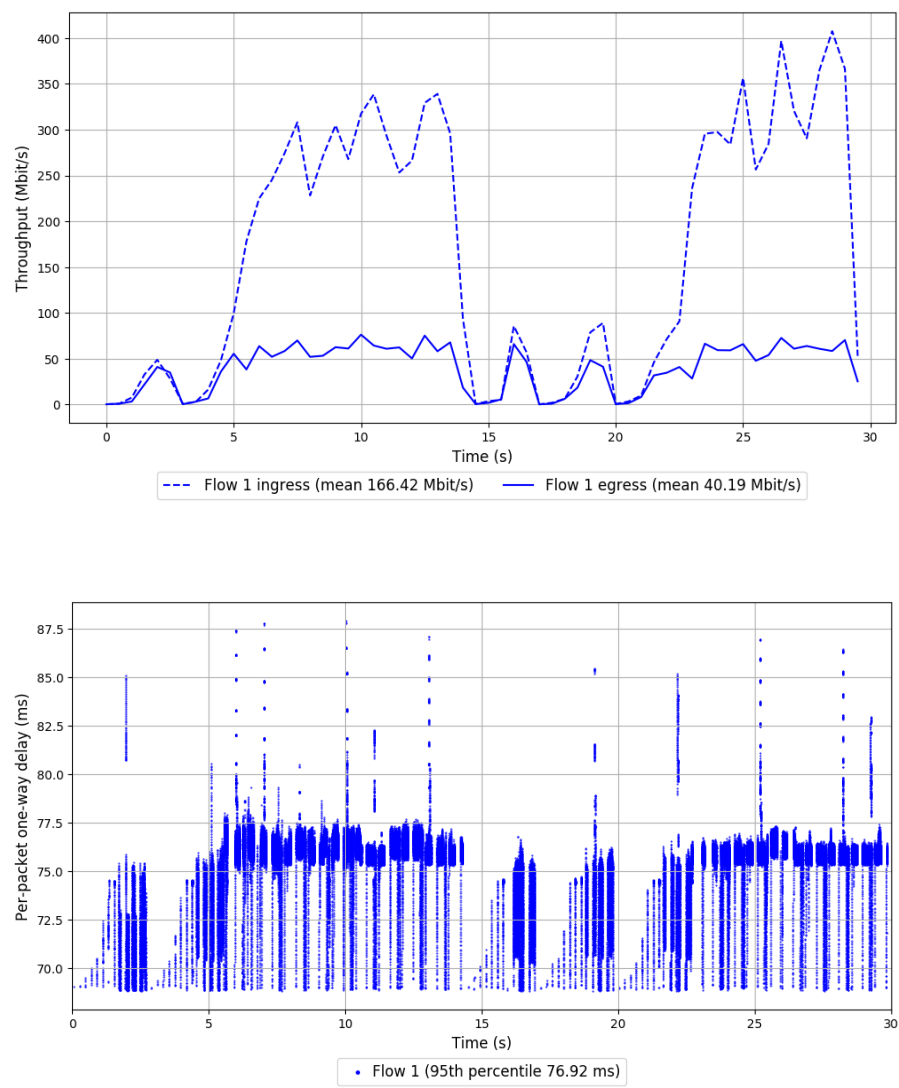
-- Flow 1:

Average throughput: 40.19 Mbit/s

95th percentile per-packet one-way delay: 76.918 ms

Loss rate: 75.85%

Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

Start at: Sun, 16 Jul 2017 22:04:08 +0000

End at: Sun, 16 Jul 2017 22:04:38 +0000

Local clock offset: -0.723 ms

Remote clock offset: -0.104 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:33:18 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 29.94 Mbit/s

95th percentile per-packet one-way delay: 79.097 ms

Loss rate: 65.53%

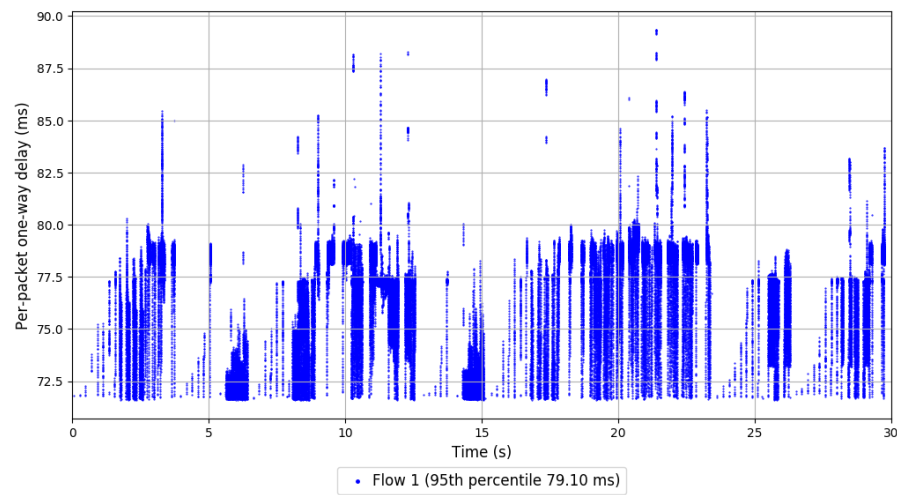
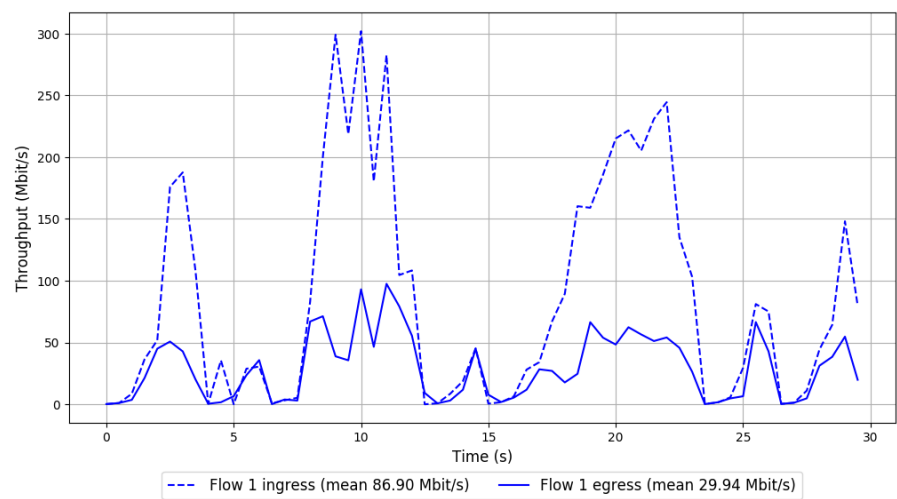
-- Flow 1:

Average throughput: 29.94 Mbit/s

95th percentile per-packet one-way delay: 79.097 ms

Loss rate: 65.53%

Run 10: Report of Verus — Data Link



Run 1: Statistics of WebRTC media

Start at: Sun, 16 Jul 2017 19:08:15 +0000

End at: Sun, 16 Jul 2017 19:08:45 +0000

Local clock offset: 1.783 ms

Remote clock offset: 0.007 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:33:18 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.13 Mbit/s

95th percentile per-packet one-way delay: 72.278 ms

Loss rate: 0.00%

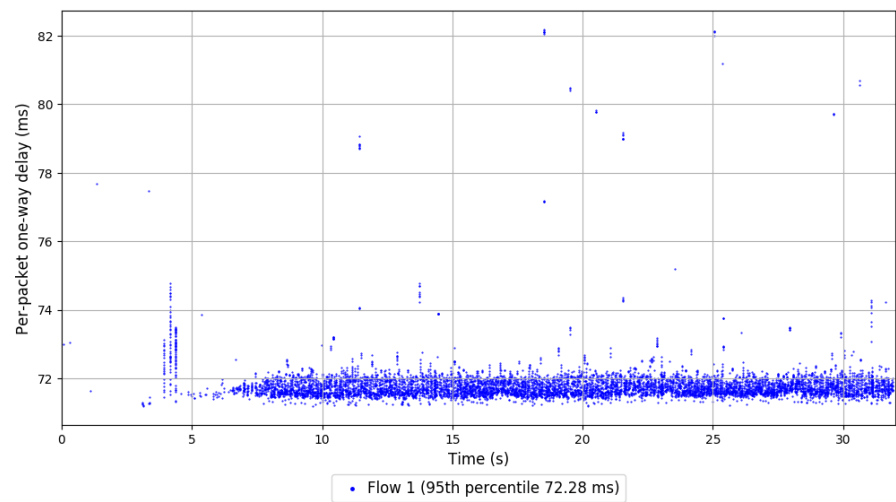
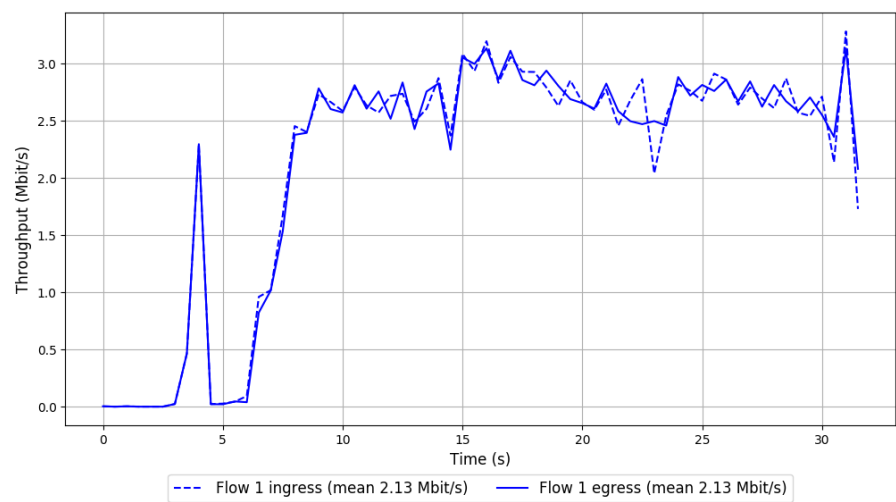
-- Flow 1:

Average throughput: 2.13 Mbit/s

95th percentile per-packet one-way delay: 72.278 ms

Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: Sun, 16 Jul 2017 19:26:30 +0000

End at: Sun, 16 Jul 2017 19:27:00 +0000

Local clock offset: 0.965 ms

Remote clock offset: 0.447 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:33:19 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.14 Mbit/s

95th percentile per-packet one-way delay: 69.702 ms

Loss rate: 0.00%

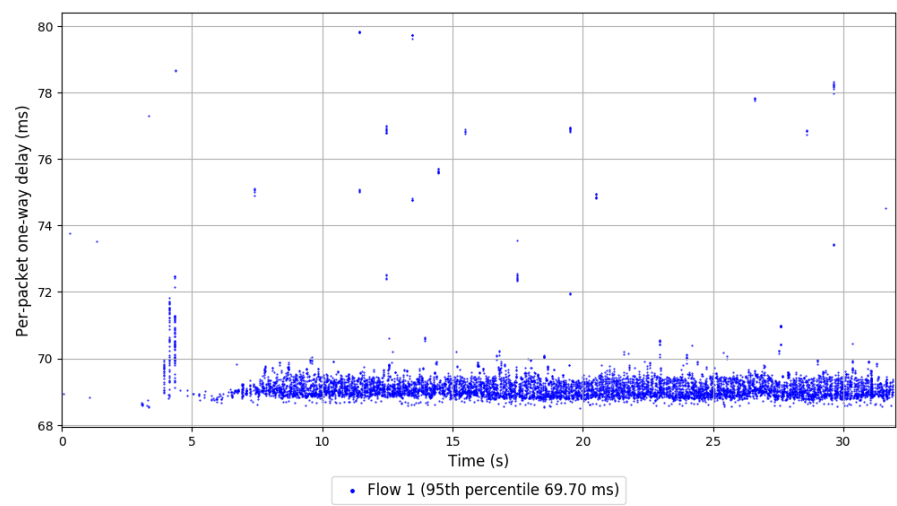
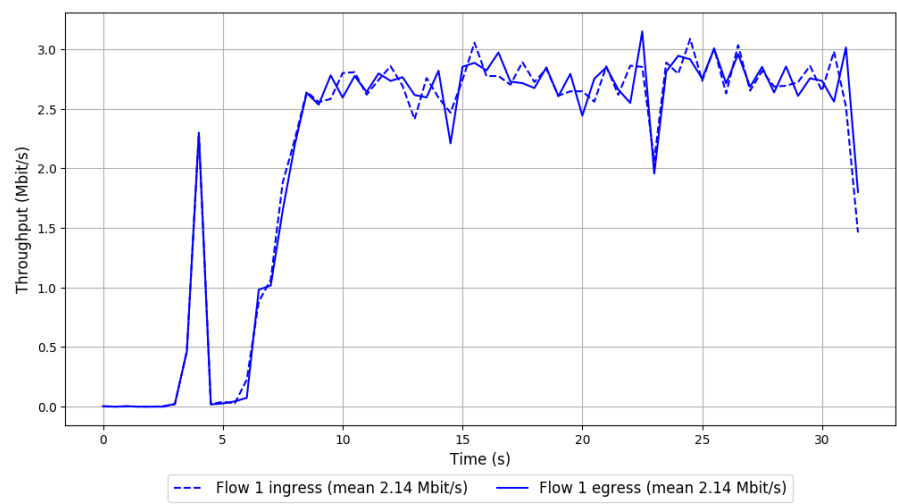
-- Flow 1:

Average throughput: 2.14 Mbit/s

95th percentile per-packet one-way delay: 69.702 ms

Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: Sun, 16 Jul 2017 19:44:41 +0000

End at: Sun, 16 Jul 2017 19:45:11 +0000

Local clock offset: 0.39 ms

Remote clock offset: 0.728 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:33:19 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.12 Mbit/s

95th percentile per-packet one-way delay: 72.456 ms

Loss rate: 0.00%

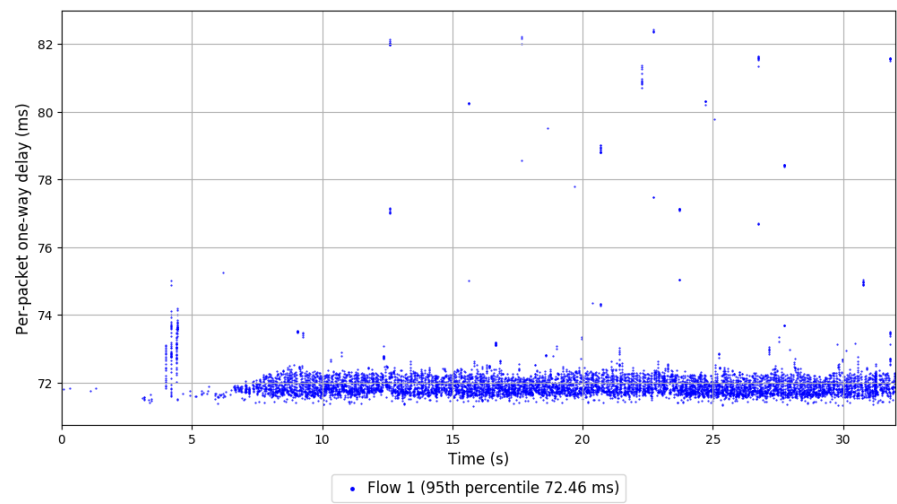
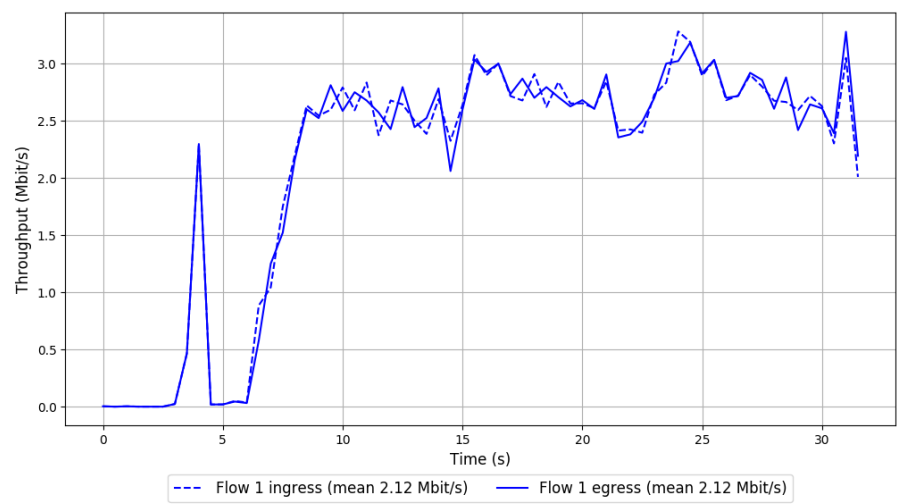
-- Flow 1:

Average throughput: 2.12 Mbit/s

95th percentile per-packet one-way delay: 72.456 ms

Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: Sun, 16 Jul 2017 20:02:57 +0000

End at: Sun, 16 Jul 2017 20:03:27 +0000

Local clock offset: -0.042 ms

Remote clock offset: 0.912 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:33:20 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.15 Mbit/s

95th percentile per-packet one-way delay: 72.113 ms

Loss rate: 0.00%

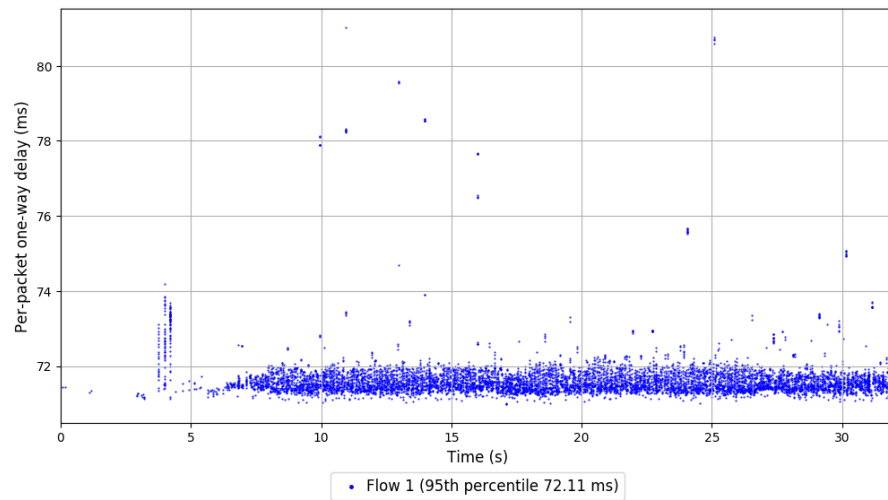
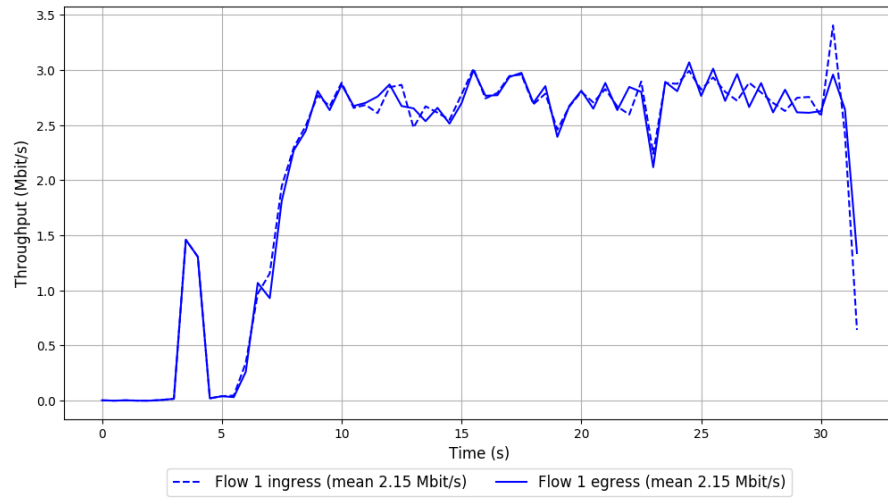
-- Flow 1:

Average throughput: 2.15 Mbit/s

95th percentile per-packet one-way delay: 72.113 ms

Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: Sun, 16 Jul 2017 20:21:07 +0000

End at: Sun, 16 Jul 2017 20:21:37 +0000

Local clock offset: -0.569 ms

Remote clock offset: 0.983 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:33:21 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.11 Mbit/s

95th percentile per-packet one-way delay: 72.332 ms

Loss rate: 0.00%

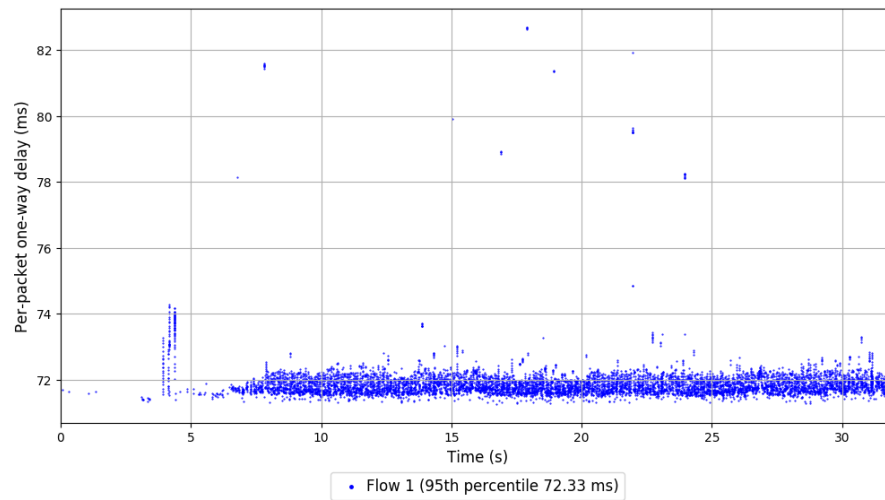
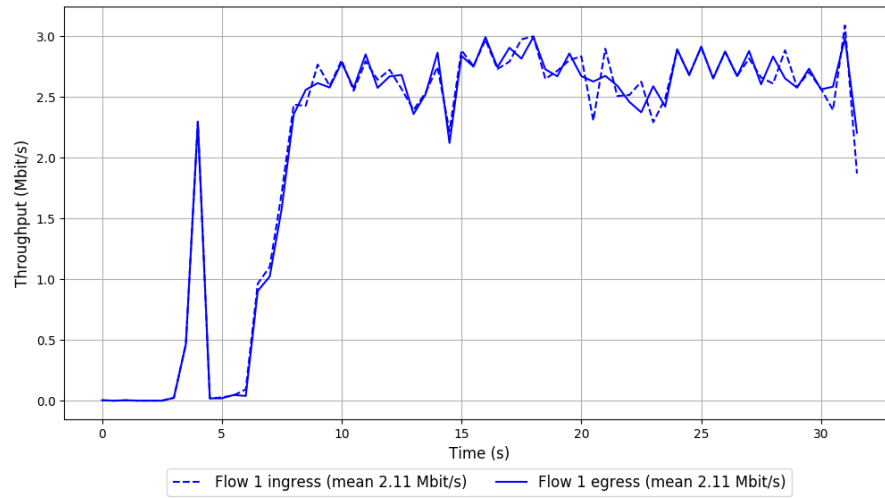
-- Flow 1:

Average throughput: 2.11 Mbit/s

95th percentile per-packet one-way delay: 72.332 ms

Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: Sun, 16 Jul 2017 20:39:18 +0000

End at: Sun, 16 Jul 2017 20:39:48 +0000

Local clock offset: -0.767 ms

Remote clock offset: 1.063 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:33:22 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.10 Mbit/s

95th percentile per-packet one-way delay: 72.404 ms

Loss rate: 0.00%

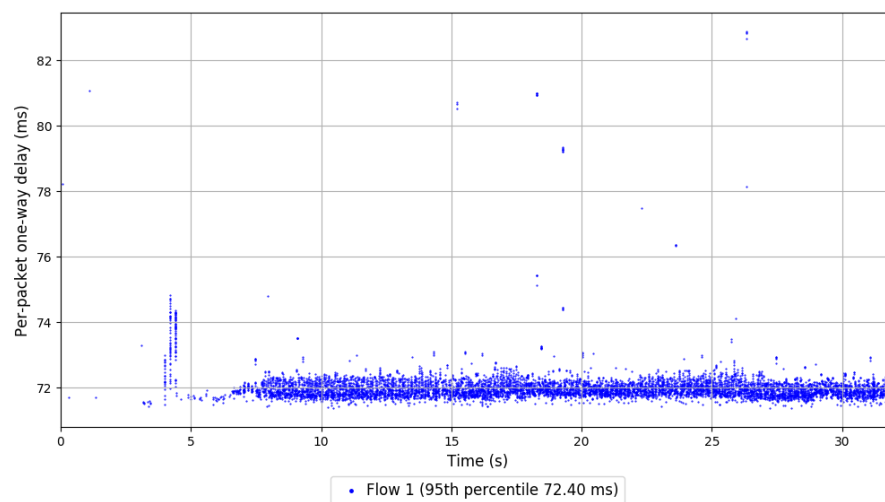
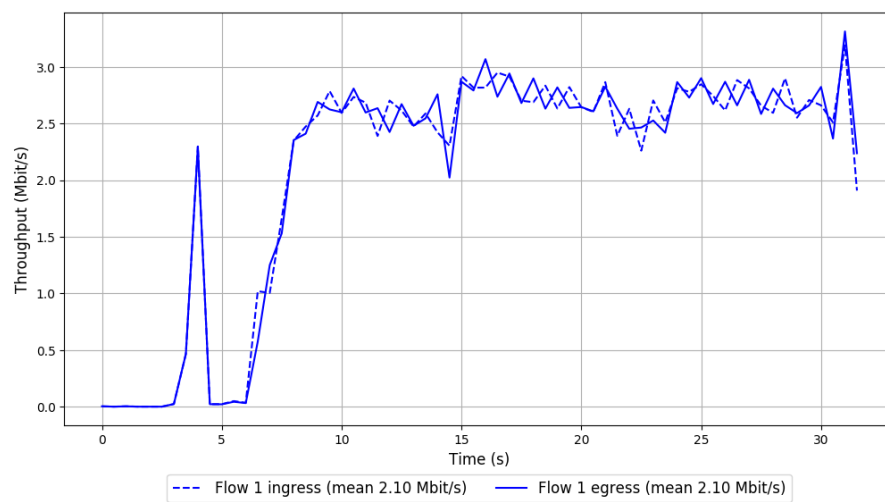
-- Flow 1:

Average throughput: 2.10 Mbit/s

95th percentile per-packet one-way delay: 72.404 ms

Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: Sun, 16 Jul 2017 20:57:32 +0000

End at: Sun, 16 Jul 2017 20:58:02 +0000

Local clock offset: -1.088 ms

Remote clock offset: 0.782 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:33:22 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.13 Mbit/s

95th percentile per-packet one-way delay: 72.334 ms

Loss rate: 0.00%

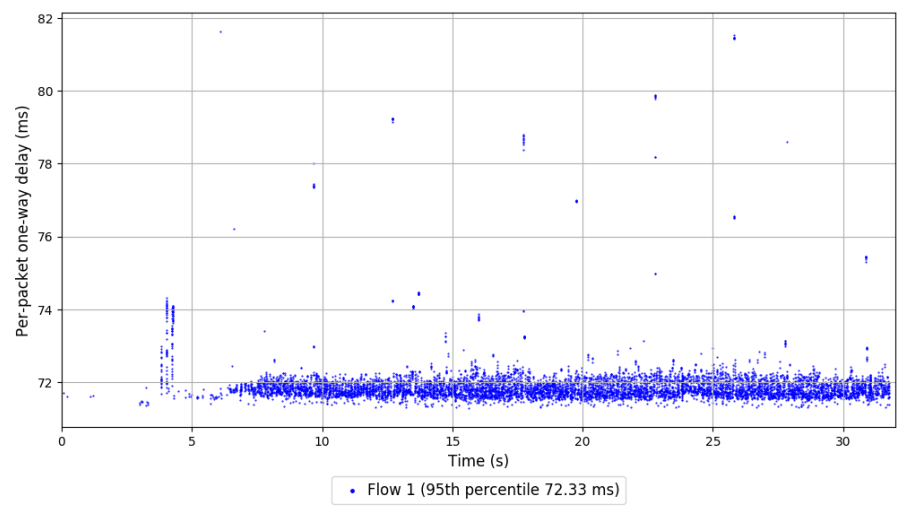
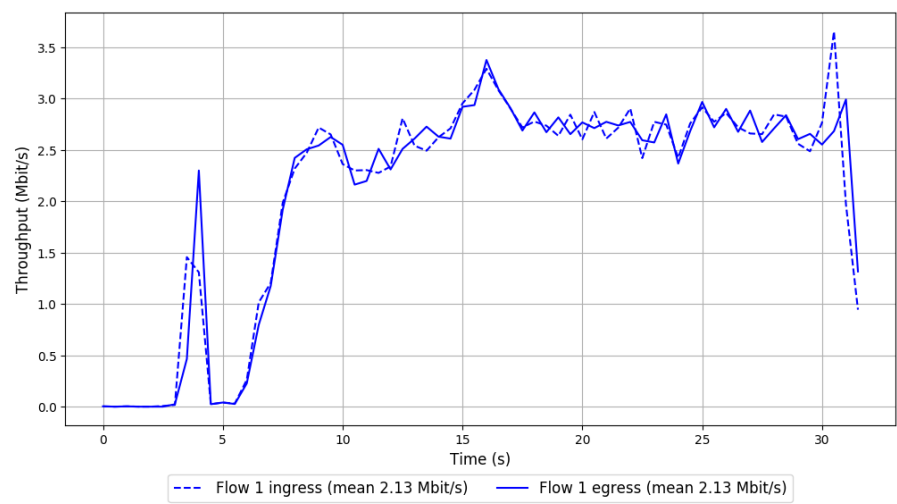
-- Flow 1:

Average throughput: 2.13 Mbit/s

95th percentile per-packet one-way delay: 72.334 ms

Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

Start at: Sun, 16 Jul 2017 21:15:46 +0000

End at: Sun, 16 Jul 2017 21:16:16 +0000

Local clock offset: 0.374 ms

Remote clock offset: 0.64 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:33:23 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.12 Mbit/s

95th percentile per-packet one-way delay: 68.160 ms

Loss rate: 0.00%

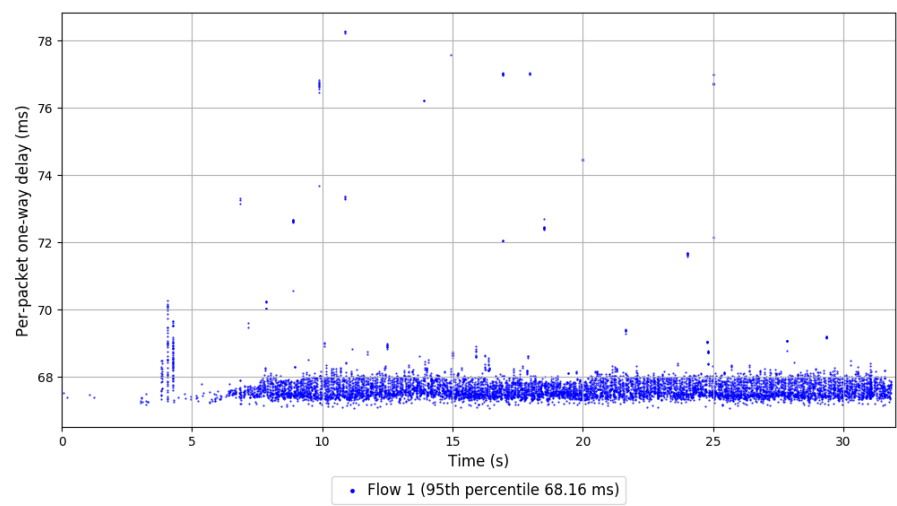
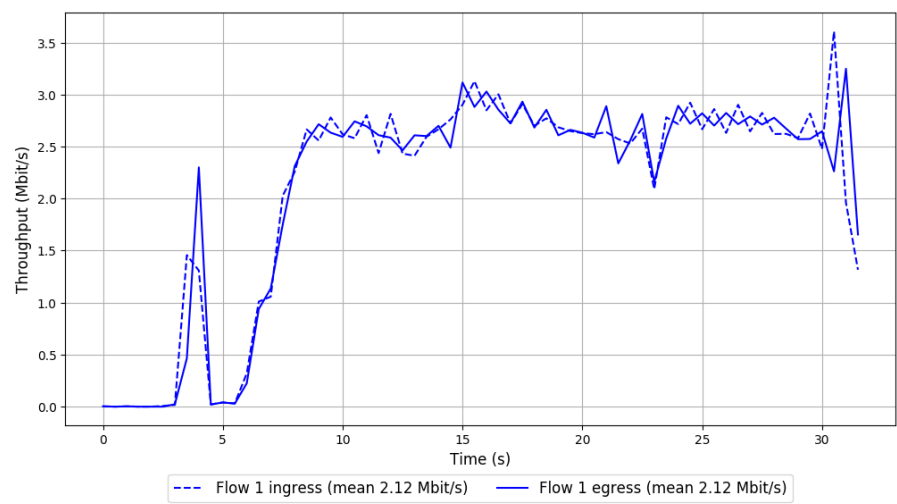
-- Flow 1:

Average throughput: 2.12 Mbit/s

95th percentile per-packet one-way delay: 68.160 ms

Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

Start at: Sun, 16 Jul 2017 21:33:49 +0000

End at: Sun, 16 Jul 2017 21:34:19 +0000

Local clock offset: -0.915 ms

Remote clock offset: 0.325 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:33:24 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.15 Mbit/s

95th percentile per-packet one-way delay: 72.404 ms

Loss rate: 0.00%

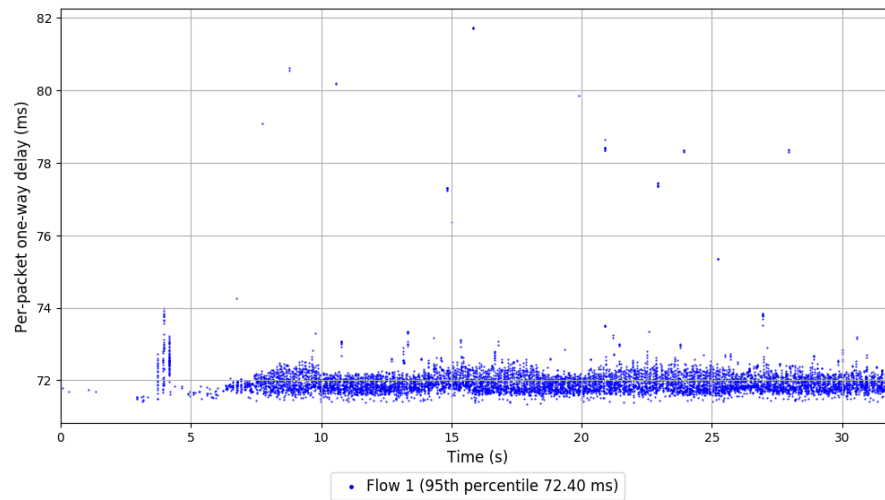
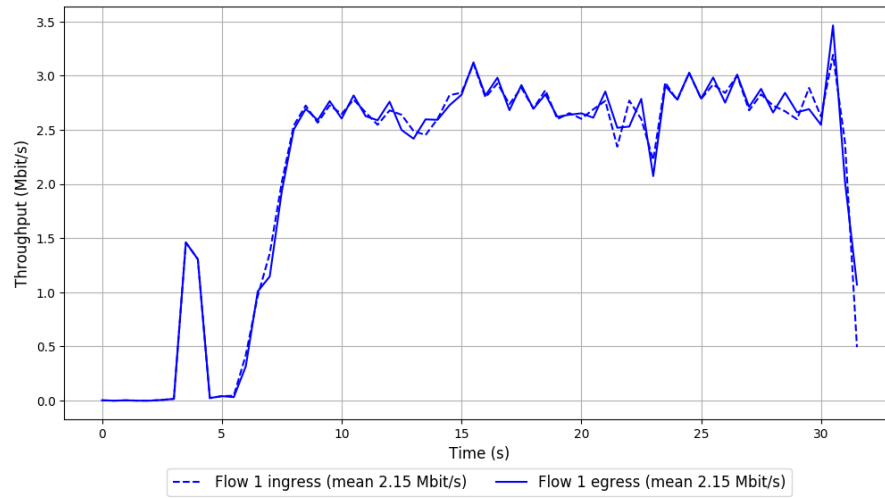
-- Flow 1:

Average throughput: 2.15 Mbit/s

95th percentile per-packet one-way delay: 72.404 ms

Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: Sun, 16 Jul 2017 21:51:55 +0000

End at: Sun, 16 Jul 2017 21:52:25 +0000

Local clock offset: -1.016 ms

Remote clock offset: 0.024 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:33:24 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.16 Mbit/s

95th percentile per-packet one-way delay: 69.601 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.16 Mbit/s

95th percentile per-packet one-way delay: 69.601 ms

Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

