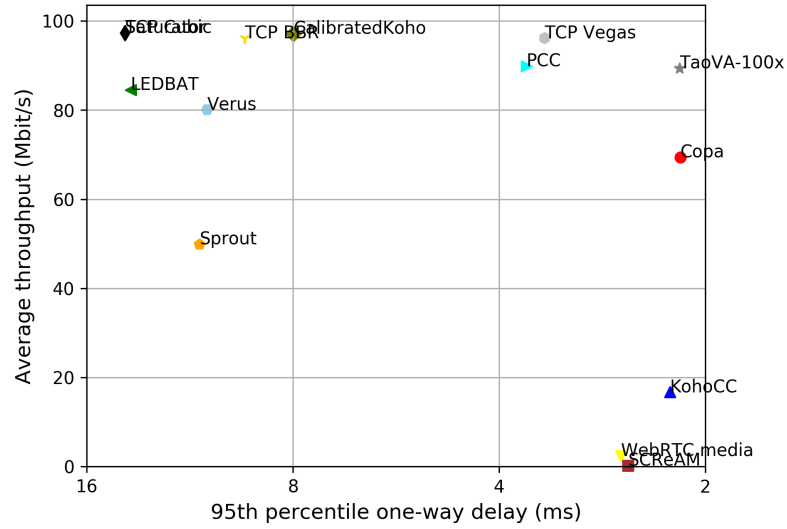


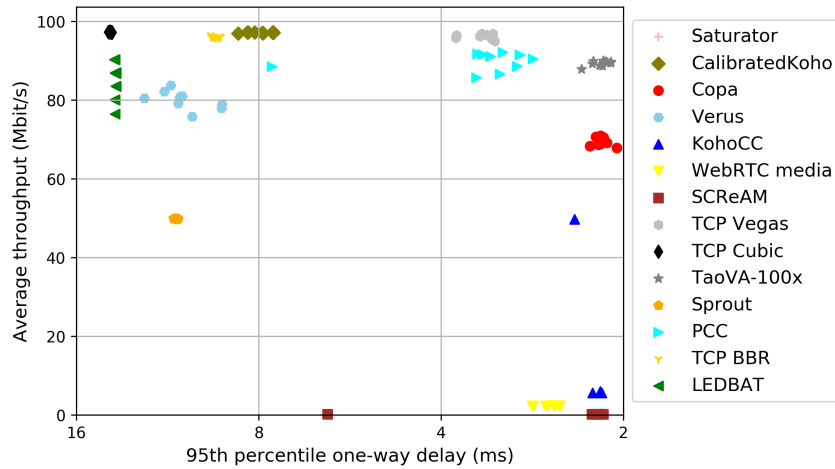
Pantheon Summary (Generated at Mon, 17 Jul 2017 01:43:17 +0000 with pantheon version d7b3554d9e52d3442ab19bc1e1c71f4629d4a0ac)
Repeated the test of 15 congestion control schemes 10 times.
Each test lasted for 30 seconds running 1 flow.
Data path: Brazil Ethernet (*remote*) → AWS Brazil 1 Ethernet (*local*).
NTP offset measured against gps.ntp.br 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 Brazil Ethernet to AWS Brazil 1 Ethernet, 10 runs of 30s each per scheme
(mean of all runs by scheme)



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



scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	96.08	9.41	0.14
CalibratedKoho	10	97.15	7.99	0.13
Copa	10	69.38	2.18	0.01
TCP Cubic	10	97.33	14.08	0.17
KohoCC	10	16.73	2.25	0.01
LEDBAT	10	84.51	13.80	0.20
PCC	10	89.84	3.65	0.18
QUIC Cubic	10	nan	nan	nan
Saturator	10	97.27	14.10	0.25
SCReAM	10	0.22	2.59	0.00
Sprout	10	49.88	10.96	0.10
TaoVA-100x	10	89.33	2.18	0.17
TCP Vegas	10	96.15	3.44	0.02
Verus	10	80.12	10.68	0.17
WebRTC media	10	2.38	2.66	0.01

Run 1: Statistics of TCP BBR

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

End at: Sun, 16 Jul 2017 22:07:53 +0000

Local clock offset: -3.26 ms

Remote clock offset: 1.254 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:30:41 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.06 Mbit/s

95th percentile per-packet one-way delay: 9.535 ms

Loss rate: 0.12%

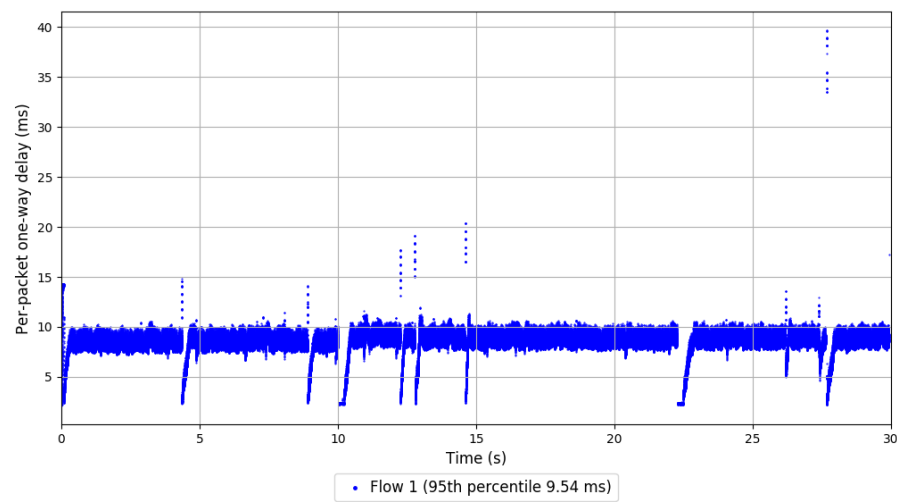
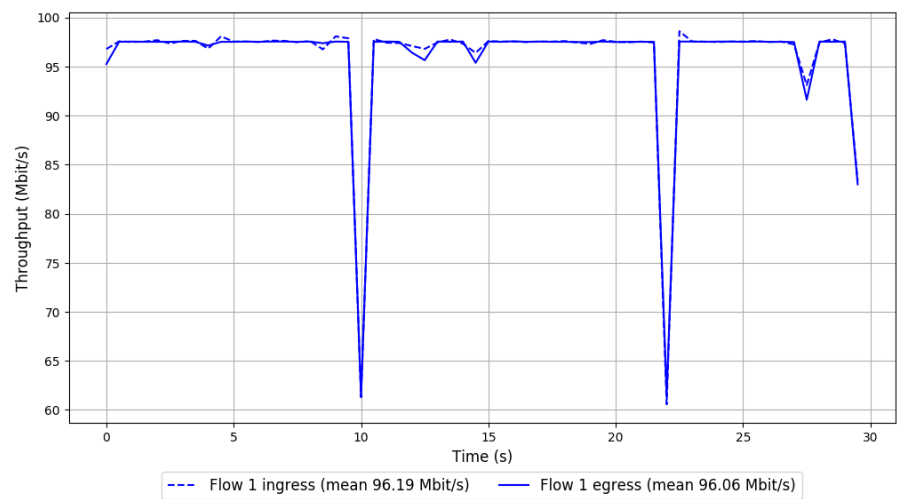
-- Flow 1:

Average throughput: 96.06 Mbit/s

95th percentile per-packet one-way delay: 9.535 ms

Loss rate: 0.12%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: Sun, 16 Jul 2017 22:24:21 +0000

End at: Sun, 16 Jul 2017 22:24:51 +0000

Local clock offset: -3.438 ms

Remote clock offset: 1.447 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:30:41 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.95 Mbit/s

95th percentile per-packet one-way delay: 9.305 ms

Loss rate: 0.15%

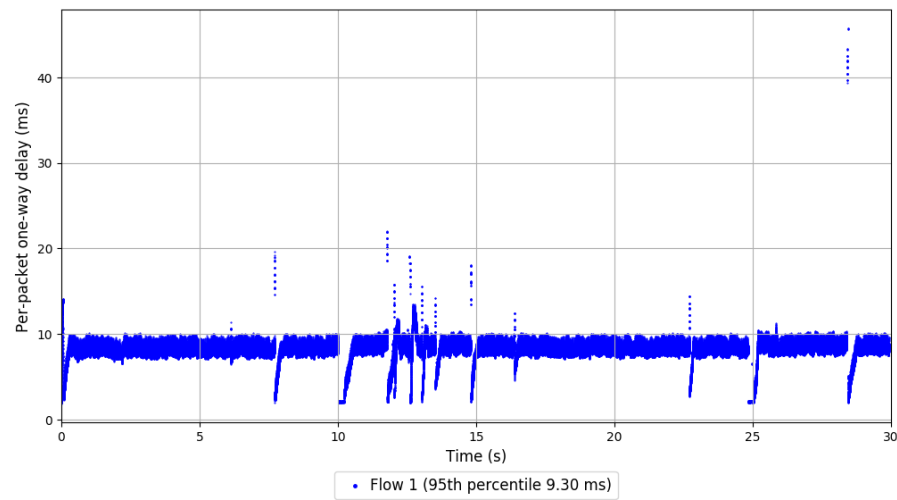
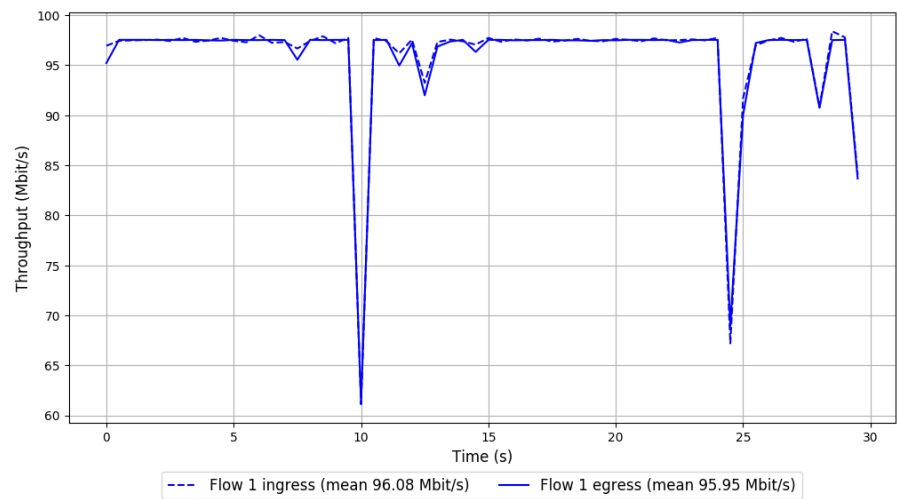
-- Flow 1:

Average throughput: 95.95 Mbit/s

95th percentile per-packet one-way delay: 9.305 ms

Loss rate: 0.15%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: Sun, 16 Jul 2017 22:41:13 +0000

End at: Sun, 16 Jul 2017 22:41:43 +0000

Local clock offset: -3.496 ms

Remote clock offset: 1.094 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:30:54 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.98 Mbit/s

95th percentile per-packet one-way delay: 9.301 ms

Loss rate: 0.11%

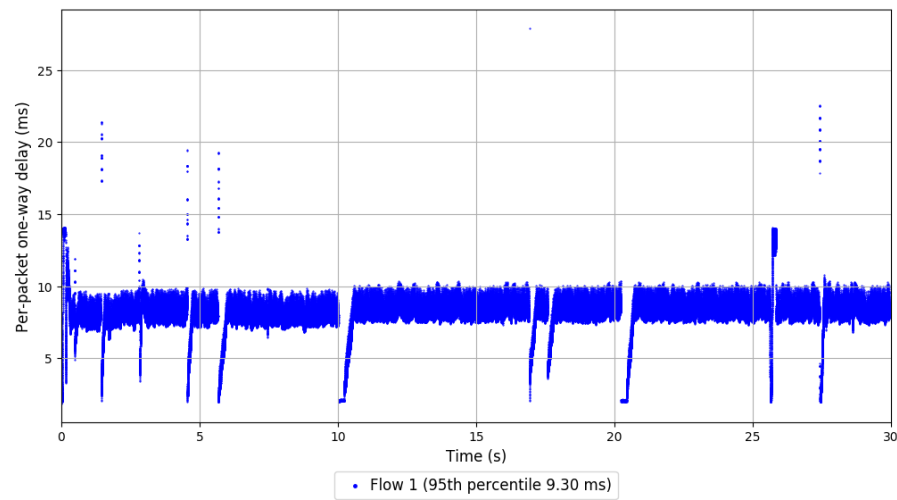
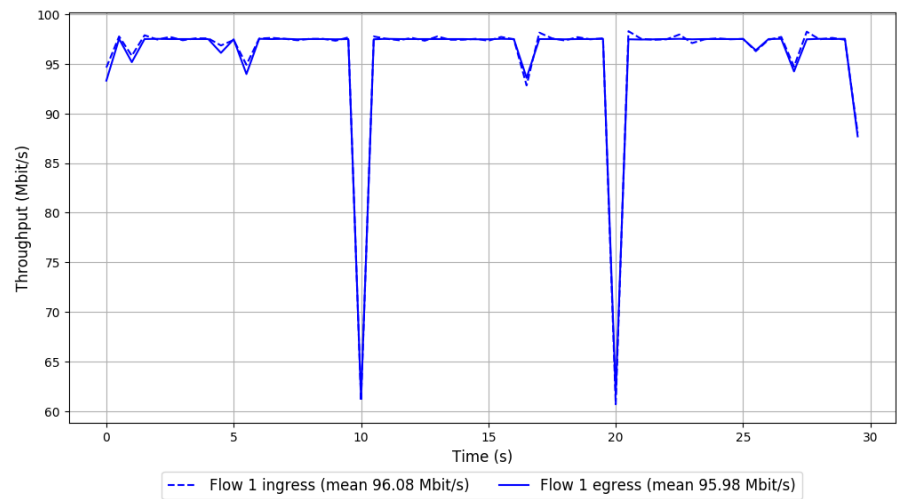
-- Flow 1:

Average throughput: 95.98 Mbit/s

95th percentile per-packet one-way delay: 9.301 ms

Loss rate: 0.11%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: Sun, 16 Jul 2017 22:58:16 +0000

End at: Sun, 16 Jul 2017 22:58:46 +0000

Local clock offset: -3.627 ms

Remote clock offset: 0.683 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:30:54 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.18 Mbit/s

95th percentile per-packet one-way delay: 9.302 ms

Loss rate: 0.08%

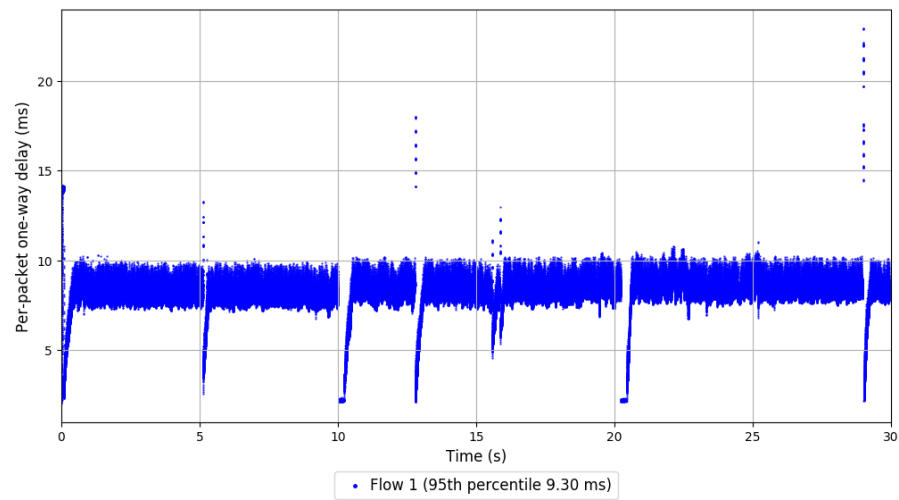
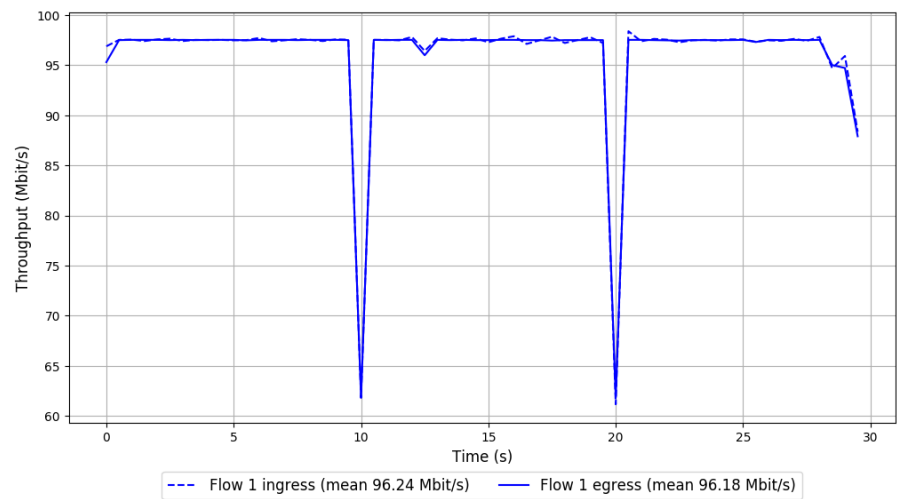
-- Flow 1:

Average throughput: 96.18 Mbit/s

95th percentile per-packet one-way delay: 9.302 ms

Loss rate: 0.08%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: Sun, 16 Jul 2017 23:15:15 +0000

End at: Sun, 16 Jul 2017 23:15:45 +0000

Local clock offset: -3.714 ms

Remote clock offset: 1.129 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.55 Mbit/s

95th percentile per-packet one-way delay: 9.609 ms

Loss rate: 0.21%

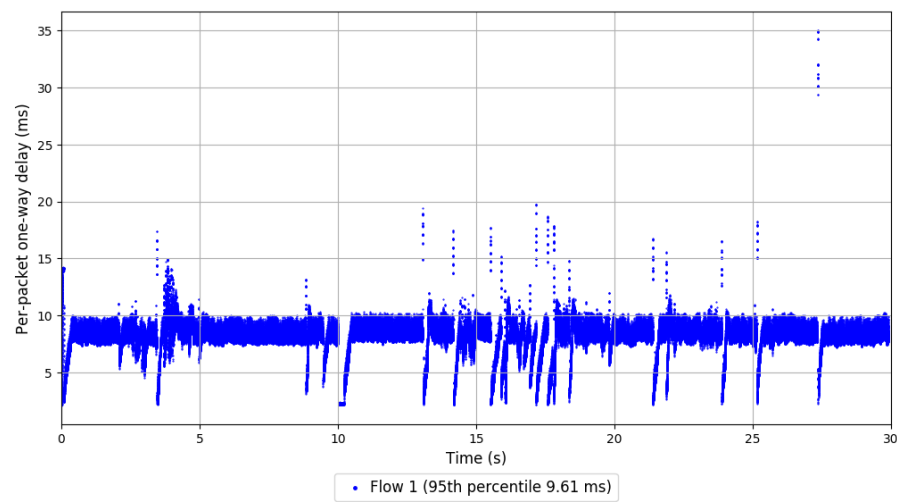
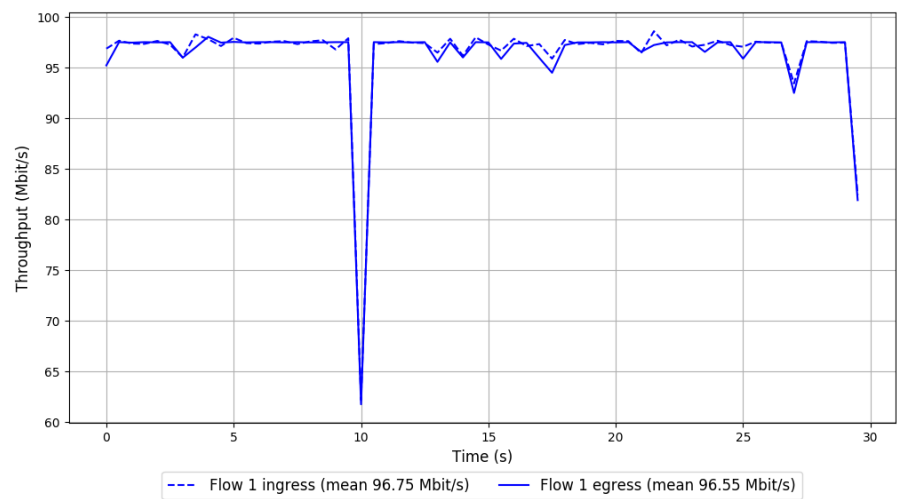
-- Flow 1:

Average throughput: 96.55 Mbit/s

95th percentile per-packet one-way delay: 9.609 ms

Loss rate: 0.21%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: Sun, 16 Jul 2017 23:32:13 +0000

End at: Sun, 16 Jul 2017 23:32:43 +0000

Local clock offset: -3.936 ms

Remote clock offset: 0.983 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.04 Mbit/s

95th percentile per-packet one-way delay: 9.429 ms

Loss rate: 0.11%

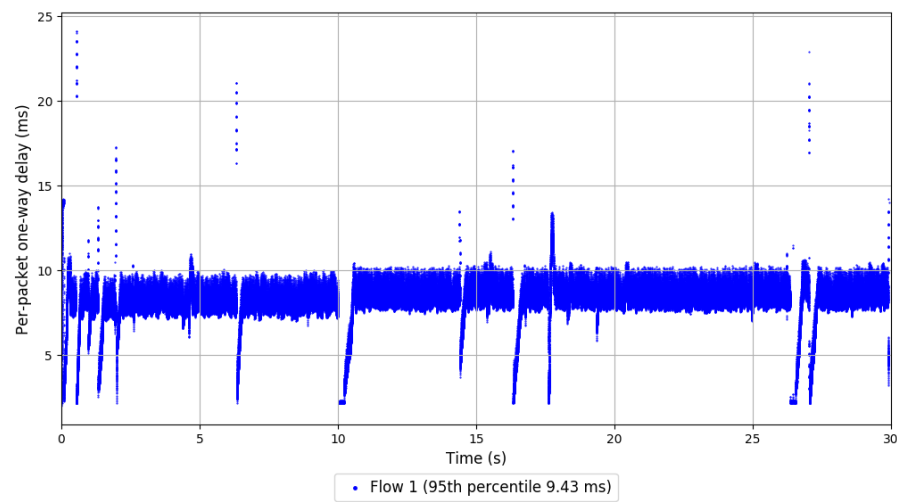
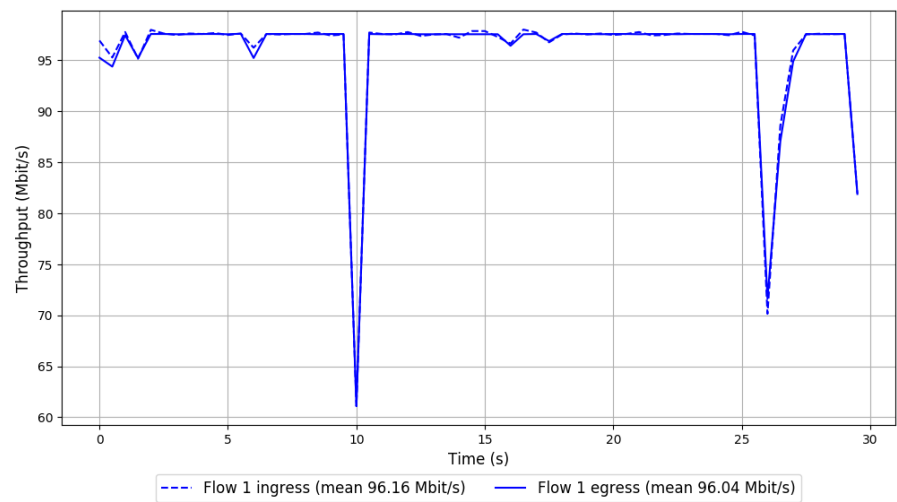
-- Flow 1:

Average throughput: 96.04 Mbit/s

95th percentile per-packet one-way delay: 9.429 ms

Loss rate: 0.11%

Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

Start at: Sun, 16 Jul 2017 23:49:11 +0000

End at: Sun, 16 Jul 2017 23:49:41 +0000

Local clock offset: -4.193 ms

Remote clock offset: 0.506 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.12 Mbit/s

95th percentile per-packet one-way delay: 9.256 ms

Loss rate: 0.12%

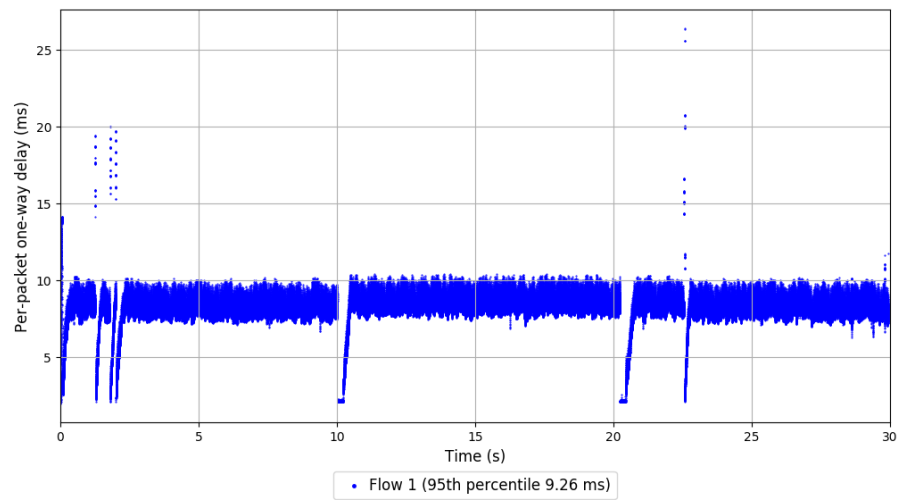
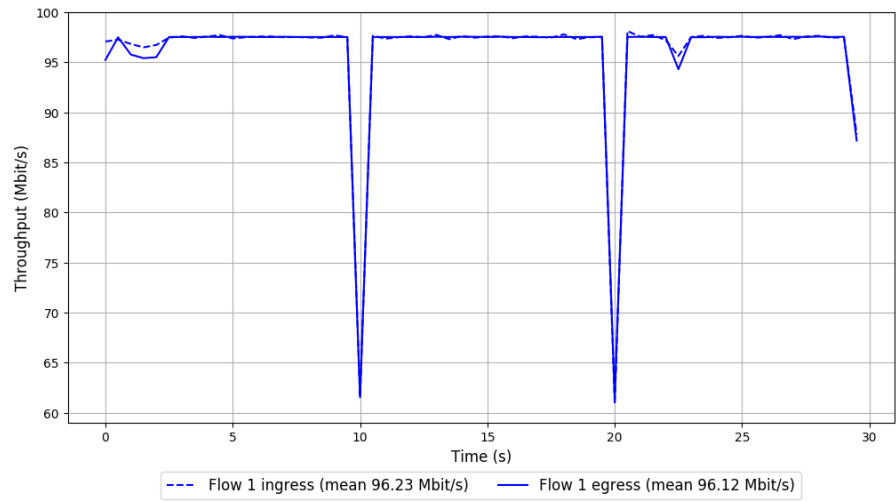
-- Flow 1:

Average throughput: 96.12 Mbit/s

95th percentile per-packet one-way delay: 9.256 ms

Loss rate: 0.12%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: Mon, 17 Jul 2017 00:06:10 +0000

End at: Mon, 17 Jul 2017 00:06:40 +0000

Local clock offset: -4.457 ms

Remote clock offset: -0.264 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.89 Mbit/s

95th percentile per-packet one-way delay: 9.435 ms

Loss rate: 0.19%

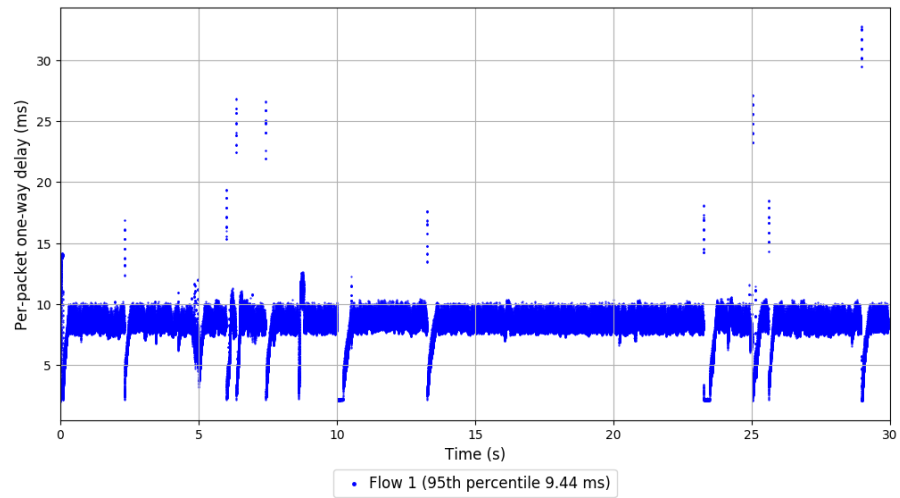
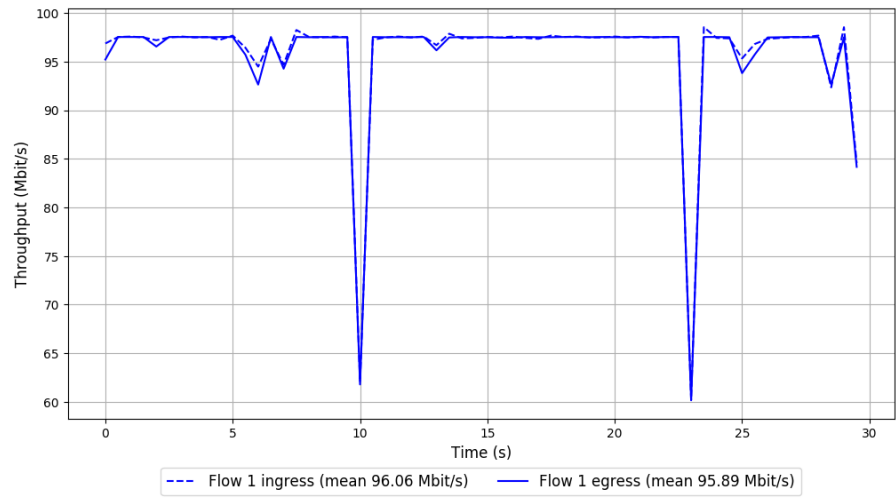
-- Flow 1:

Average throughput: 95.89 Mbit/s

95th percentile per-packet one-way delay: 9.435 ms

Loss rate: 0.19%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: Mon, 17 Jul 2017 00:23:08 +0000

End at: Mon, 17 Jul 2017 00:23:38 +0000

Local clock offset: -4.38 ms

Remote clock offset: -0.569 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:31:33 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.07 Mbit/s

95th percentile per-packet one-way delay: 9.332 ms

Loss rate: 0.14%

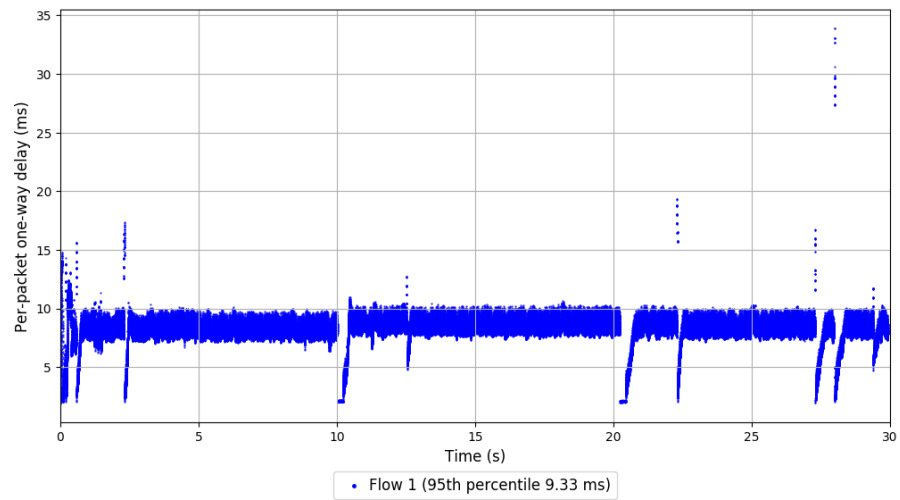
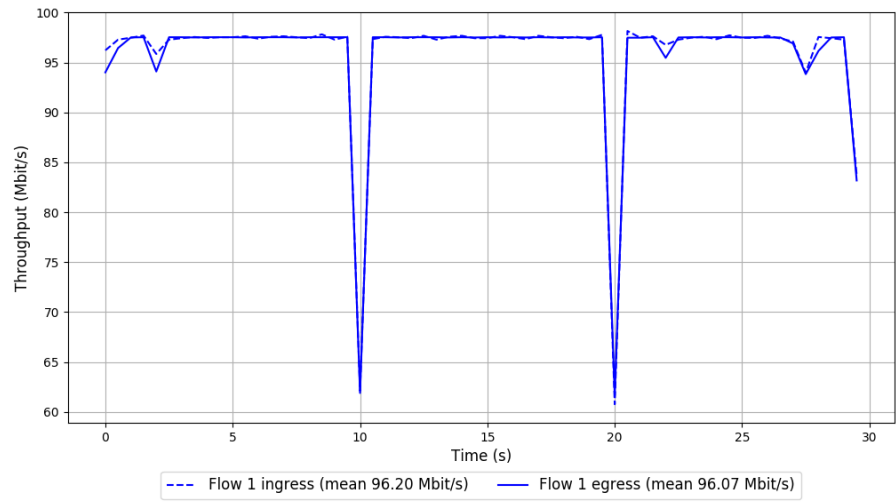
-- Flow 1:

Average throughput: 96.07 Mbit/s

95th percentile per-packet one-way delay: 9.332 ms

Loss rate: 0.14%

Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

Start at: Mon, 17 Jul 2017 00:40:06 +0000

End at: Mon, 17 Jul 2017 00:40:36 +0000

Local clock offset: -3.67 ms

Remote clock offset: -0.815 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:31:34 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.99 Mbit/s

95th percentile per-packet one-way delay: 9.579 ms

Loss rate: 0.15%

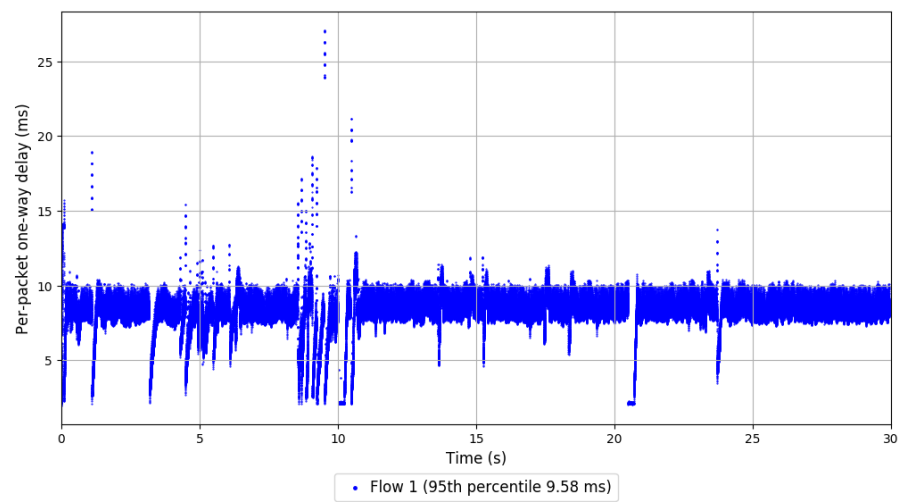
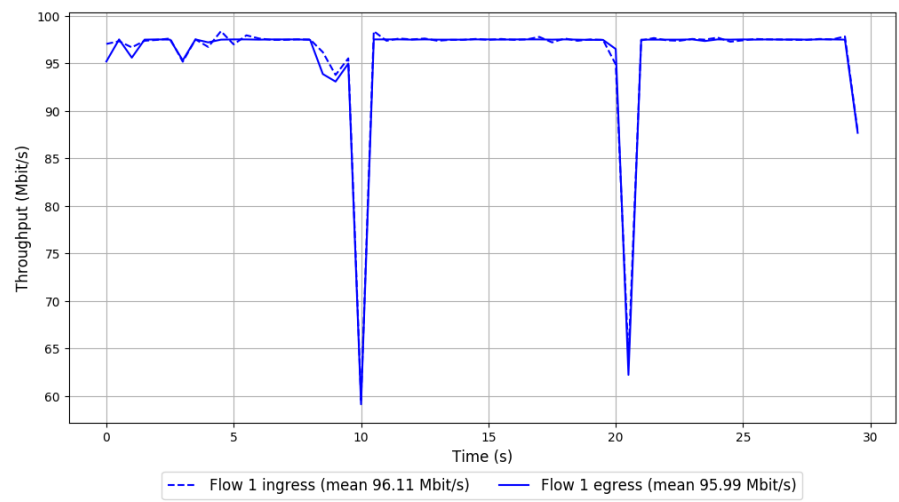
-- Flow 1:

Average throughput: 95.99 Mbit/s

95th percentile per-packet one-way delay: 9.579 ms

Loss rate: 0.15%

Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of CalibratedKoho

Start at: Sun, 16 Jul 2017 21:57:12 +0000

End at: Sun, 16 Jul 2017 21:57:42 +0000

Local clock offset: -3.436 ms

Remote clock offset: 1.356 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:31:46 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.11 Mbit/s

95th percentile per-packet one-way delay: 7.563 ms

Loss rate: 0.12%

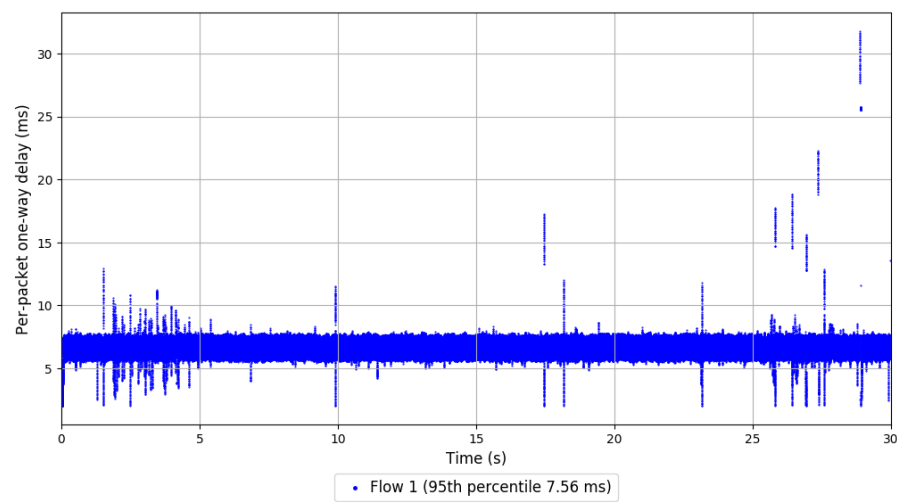
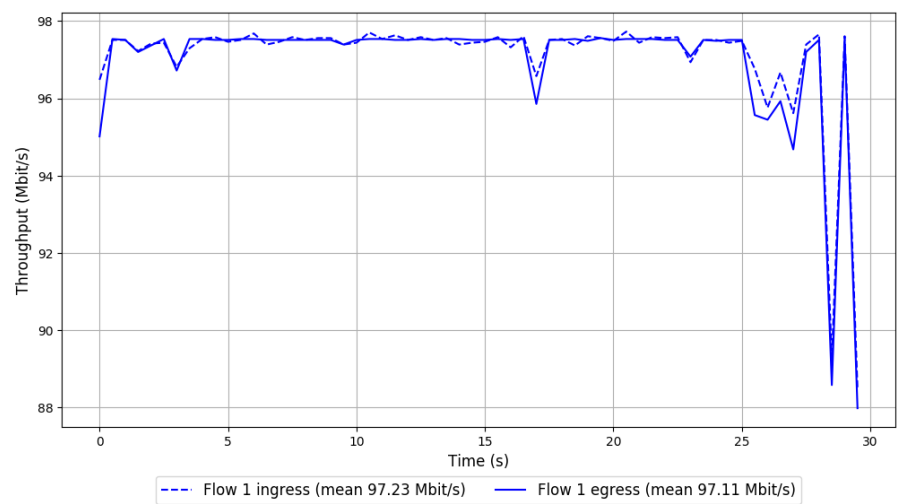
-- Flow 1:

Average throughput: 97.11 Mbit/s

95th percentile per-packet one-way delay: 7.563 ms

Loss rate: 0.12%

Run 1: Report of CalibratedKoho — Data Link



Run 2: Statistics of CalibratedKoho

Start at: Sun, 16 Jul 2017 22:14:10 +0000

End at: Sun, 16 Jul 2017 22:14:40 +0000

Local clock offset: -3.397 ms

Remote clock offset: 1.371 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:31:47 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.29 Mbit/s

95th percentile per-packet one-way delay: 7.583 ms

Loss rate: 0.10%

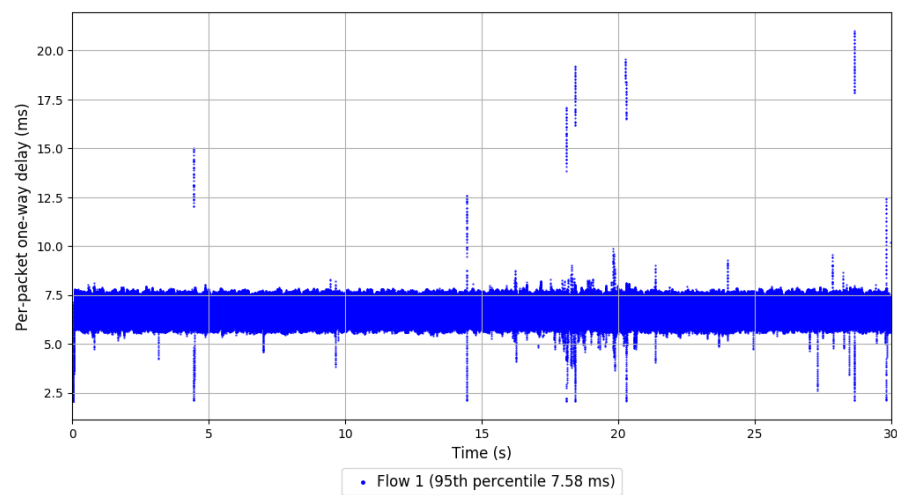
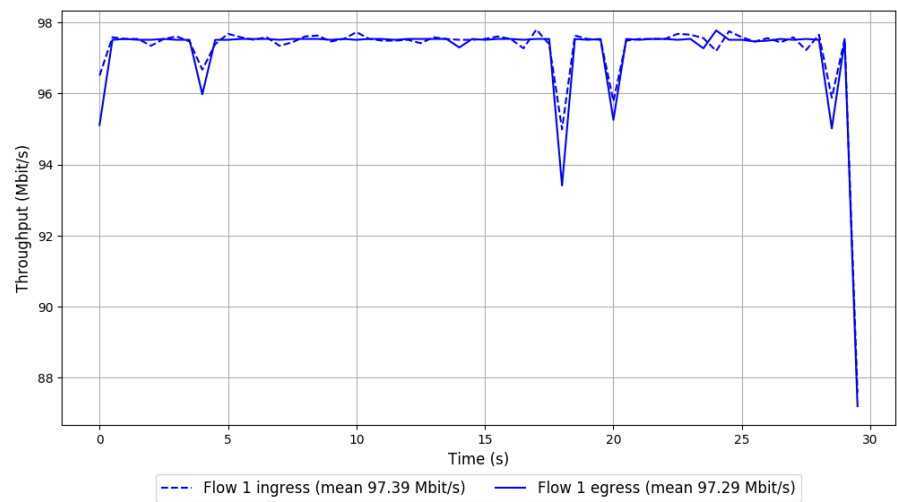
-- Flow 1:

Average throughput: 97.29 Mbit/s

95th percentile per-packet one-way delay: 7.583 ms

Loss rate: 0.10%

Run 2: Report of CalibratedKoho — Data Link



Run 3: Statistics of CalibratedKoho

Start at: Sun, 16 Jul 2017 22:31:09 +0000

End at: Sun, 16 Jul 2017 22:31:39 +0000

Local clock offset: -3.391 ms

Remote clock offset: 1.361 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:31:59 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.14 Mbit/s

95th percentile per-packet one-way delay: 7.591 ms

Loss rate: 0.13%

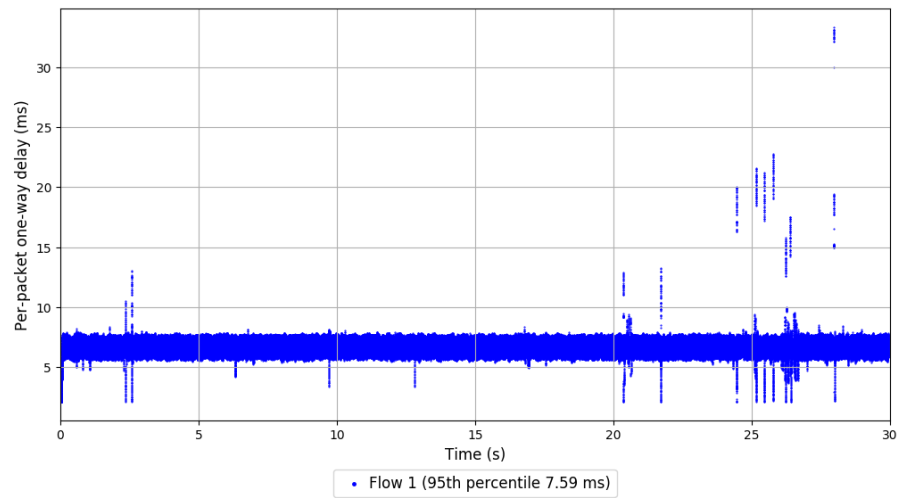
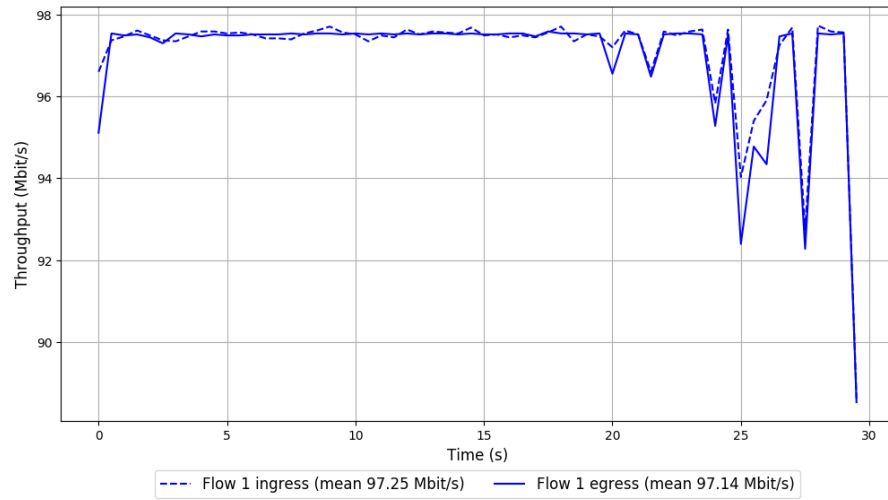
-- Flow 1:

Average throughput: 97.14 Mbit/s

95th percentile per-packet one-way delay: 7.591 ms

Loss rate: 0.13%

Run 3: Report of CalibratedKoho — Data Link



Run 4: Statistics of CalibratedKoho

Start at: Sun, 16 Jul 2017 22:48:01 +0000

End at: Sun, 16 Jul 2017 22:48:31 +0000

Local clock offset: -3.457 ms

Remote clock offset: 0.817 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:32:00 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.25 Mbit/s

95th percentile per-packet one-way delay: 8.131 ms

Loss rate: 0.07%

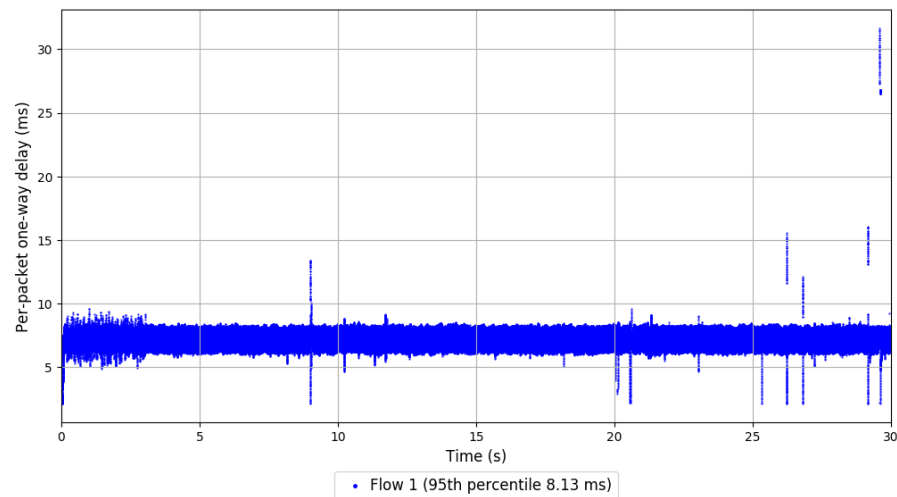
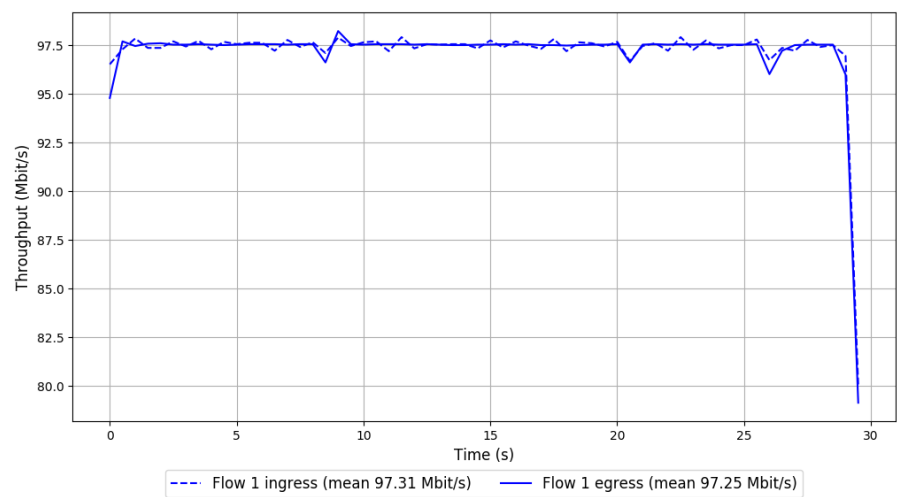
-- Flow 1:

Average throughput: 97.25 Mbit/s

95th percentile per-packet one-way delay: 8.131 ms

Loss rate: 0.07%

Run 4: Report of CalibratedKoho — Data Link



Run 5: Statistics of CalibratedKoho

Start at: Sun, 16 Jul 2017 23:05:04 +0000

End at: Sun, 16 Jul 2017 23:05:34 +0000

Local clock offset: -3.419 ms

Remote clock offset: 1.086 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:32:12 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.06 Mbit/s

95th percentile per-packet one-way delay: 7.868 ms

Loss rate: 0.17%

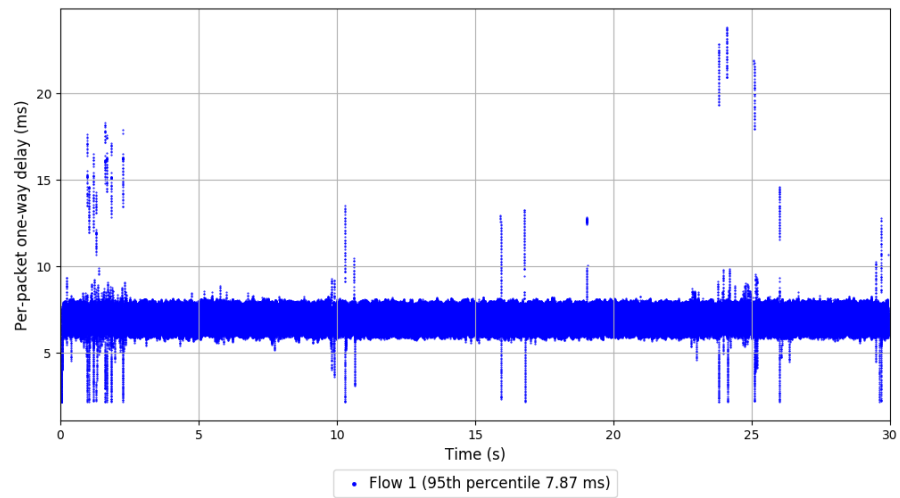
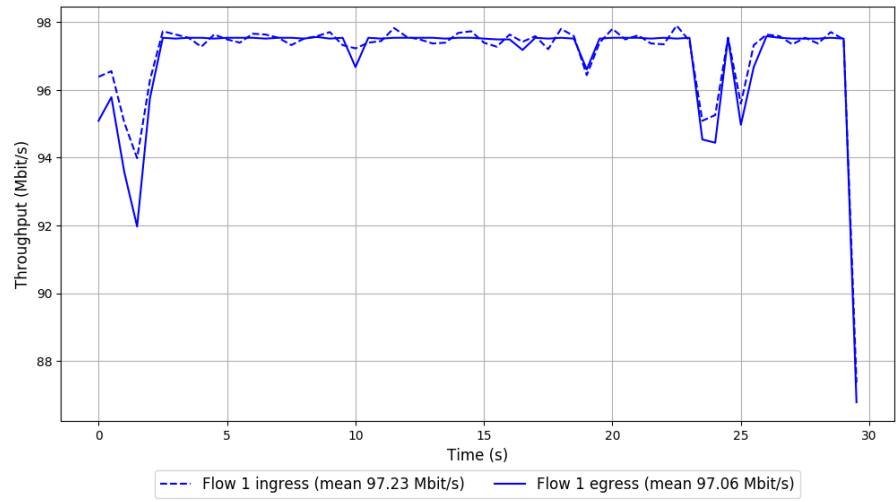
-- Flow 1:

Average throughput: 97.06 Mbit/s

95th percentile per-packet one-way delay: 7.868 ms

Loss rate: 0.17%

Run 5: Report of CalibratedKoho — Data Link



Run 6: Statistics of CalibratedKoho

Start at: Sun, 16 Jul 2017 23:22:02 +0000

End at: Sun, 16 Jul 2017 23:22:32 +0000

Local clock offset: -3.897 ms

Remote clock offset: 1.195 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:32:13 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.25 Mbit/s

95th percentile per-packet one-way delay: 8.337 ms

Loss rate: 0.10%

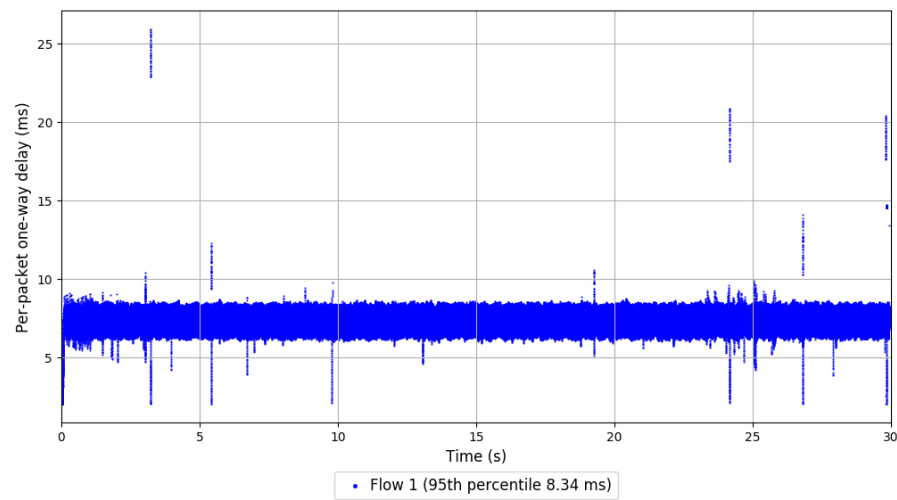
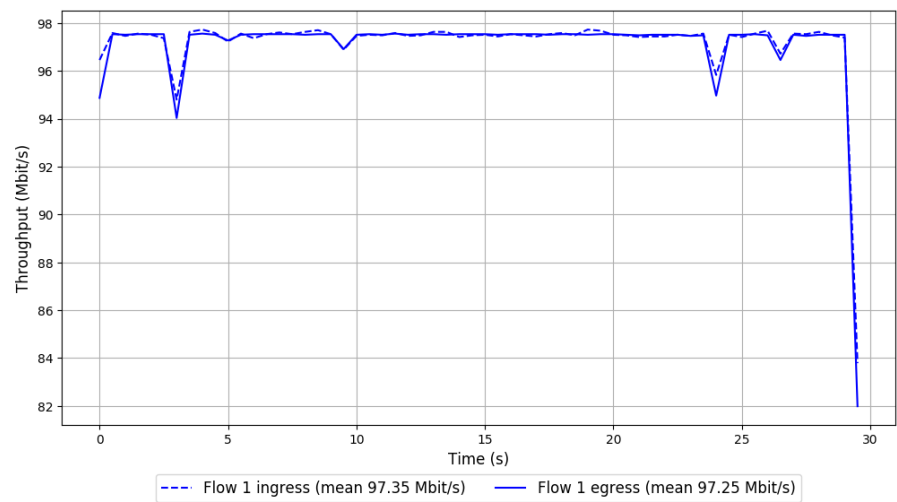
-- Flow 1:

Average throughput: 97.25 Mbit/s

95th percentile per-packet one-way delay: 8.337 ms

Loss rate: 0.10%

Run 6: Report of CalibratedKoho — Data Link



Run 7: Statistics of CalibratedKoho

Start at: Sun, 16 Jul 2017 23:39:00 +0000

End at: Sun, 16 Jul 2017 23:39:30 +0000

Local clock offset: -3.962 ms

Remote clock offset: 0.867 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.95 Mbit/s

95th percentile per-packet one-way delay: 8.654 ms

Loss rate: 0.20%

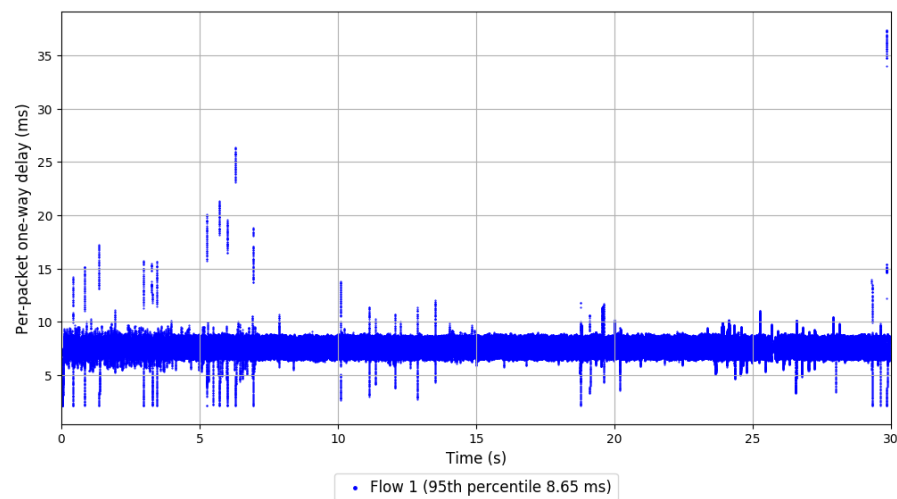
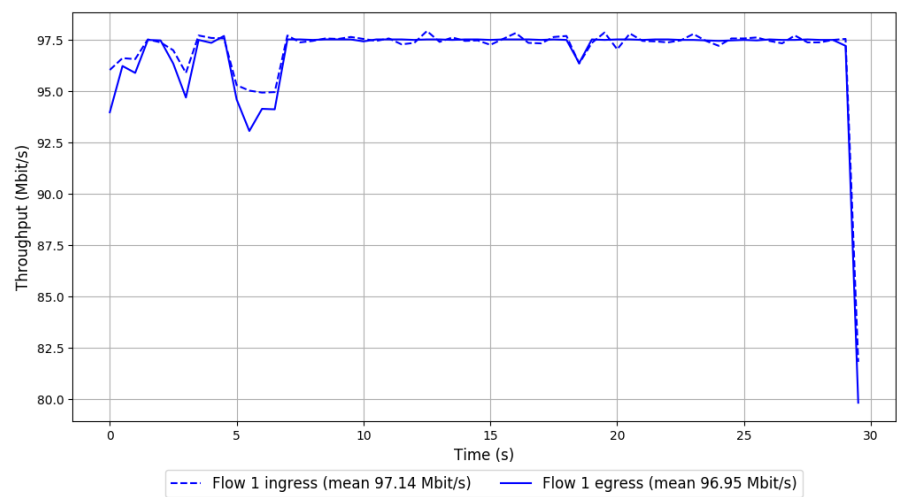
-- Flow 1:

Average throughput: 96.95 Mbit/s

95th percentile per-packet one-way delay: 8.654 ms

Loss rate: 0.20%

Run 7: Report of CalibratedKoho — Data Link



Run 8: Statistics of CalibratedKoho

Start at: Sun, 16 Jul 2017 23:55:59 +0000

End at: Sun, 16 Jul 2017 23:56:29 +0000

Local clock offset: -4.328 ms

Remote clock offset: 0.161 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.15 Mbit/s

95th percentile per-packet one-way delay: 7.896 ms

Loss rate: 0.15%

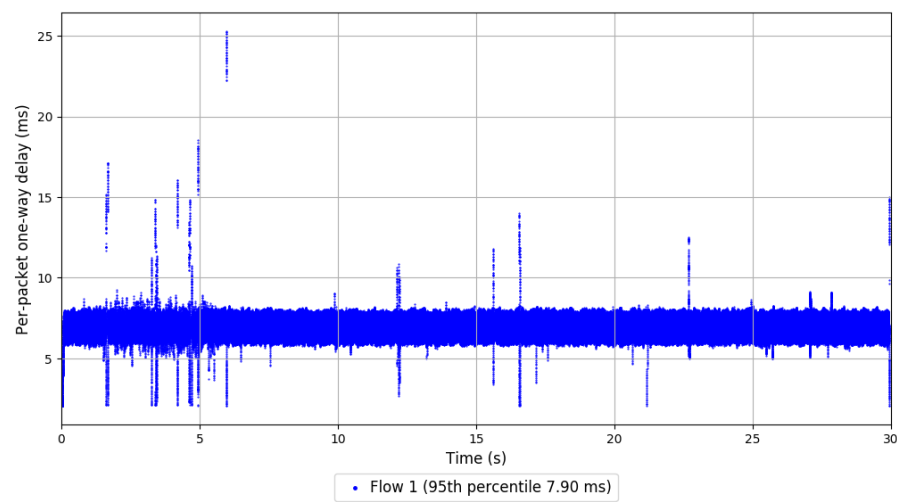
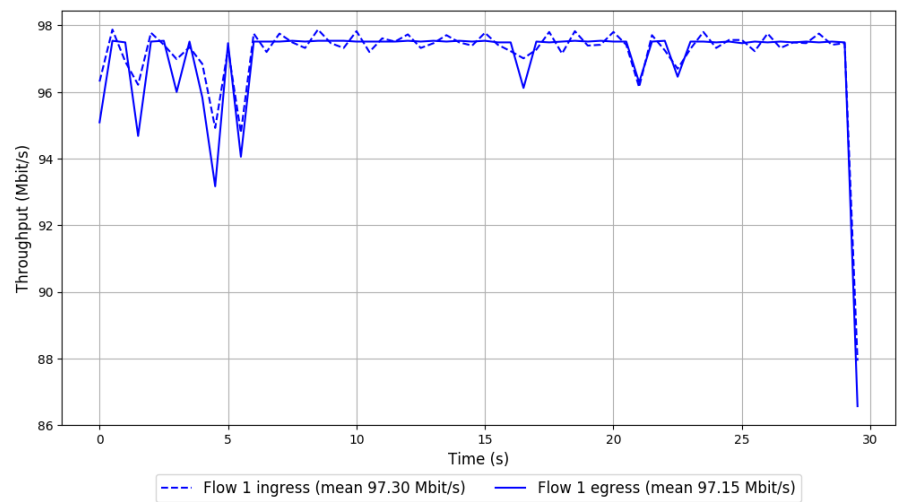
-- Flow 1:

Average throughput: 97.15 Mbit/s

95th percentile per-packet one-way delay: 7.896 ms

Loss rate: 0.15%

Run 8: Report of CalibratedKoho — Data Link



Run 9: Statistics of CalibratedKoho

Start at: Mon, 17 Jul 2017 00:12:58 +0000

End at: Mon, 17 Jul 2017 00:13:28 +0000

Local clock offset: -4.593 ms

Remote clock offset: -0.509 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:32:40 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.21 Mbit/s

95th percentile per-packet one-way delay: 8.355 ms

Loss rate: 0.09%

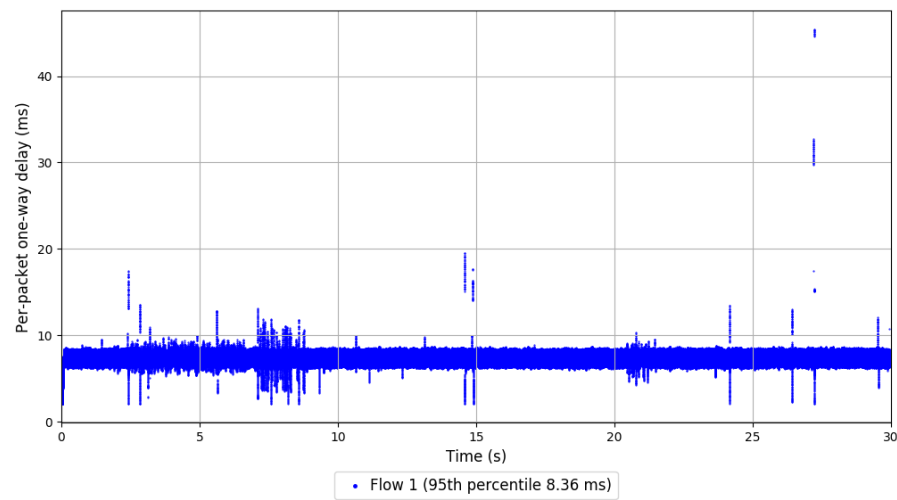
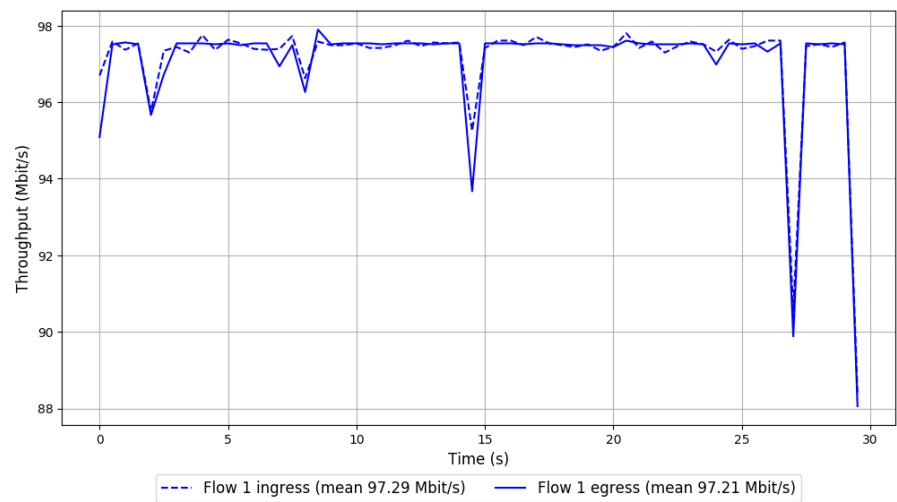
-- Flow 1:

Average throughput: 97.21 Mbit/s

95th percentile per-packet one-way delay: 8.355 ms

Loss rate: 0.09%

Run 9: Report of CalibratedKoho — Data Link



Run 10: Statistics of CalibratedKoho

Start at: Mon, 17 Jul 2017 00:29:56 +0000

End at: Mon, 17 Jul 2017 00:30:26 +0000

Local clock offset: -4.206 ms

Remote clock offset: -0.691 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:32:40 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.06 Mbit/s

95th percentile per-packet one-way delay: 7.890 ms

Loss rate: 0.20%

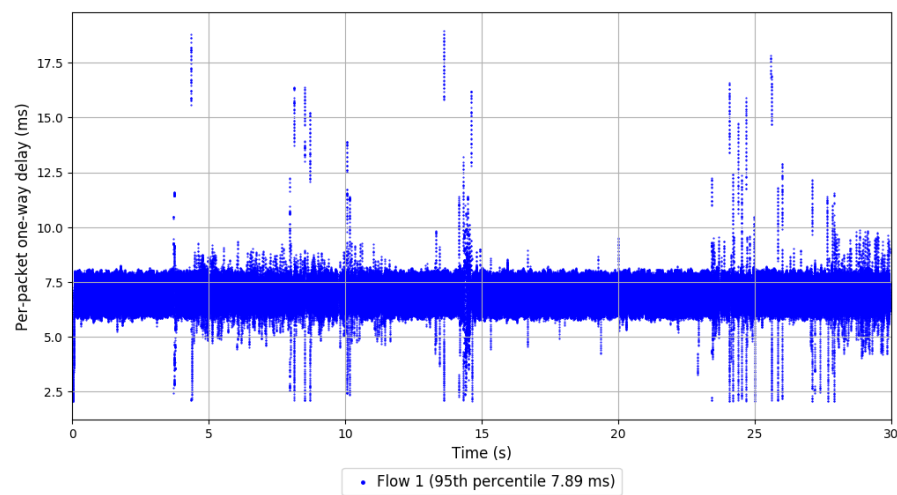
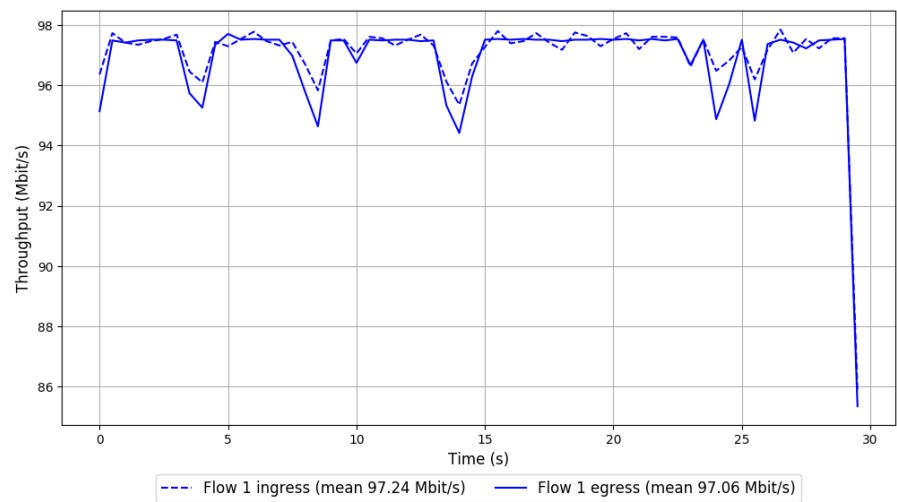
-- Flow 1:

Average throughput: 97.06 Mbit/s

95th percentile per-packet one-way delay: 7.890 ms

Loss rate: 0.20%

Run 10: Report of CalibratedKoho — Data Link



Run 1: Statistics of Copa

Start at: Sun, 16 Jul 2017 22:03:52 +0000

End at: Sun, 16 Jul 2017 22:04:23 +0000

Local clock offset: -3.342 ms

Remote clock offset: 1.17 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:32:58 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 68.37 Mbit/s

95th percentile per-packet one-way delay: 2.271 ms

Loss rate: 0.01%

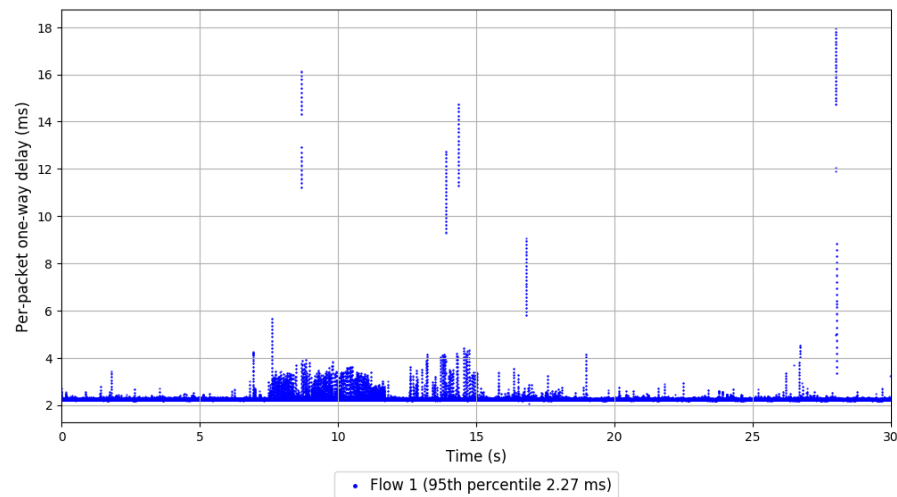
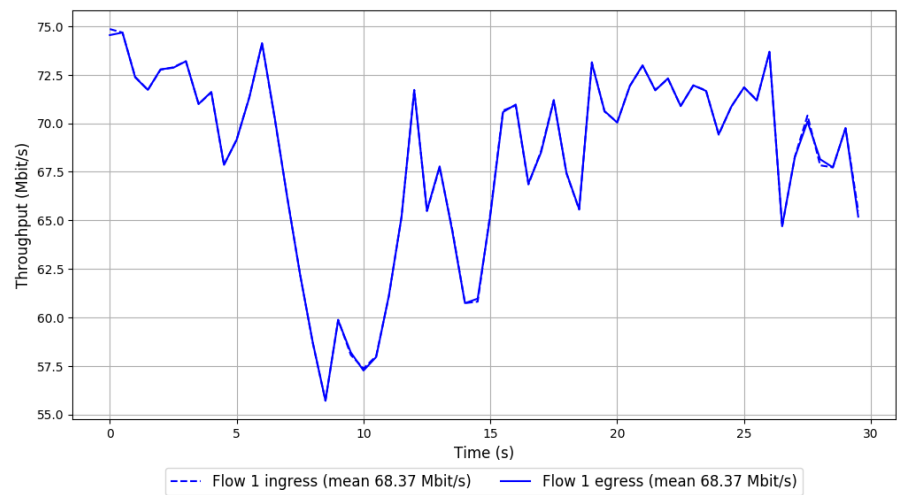
-- Flow 1:

Average throughput: 68.37 Mbit/s

95th percentile per-packet one-way delay: 2.271 ms

Loss rate: 0.01%

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: Sun, 16 Jul 2017 22:20:51 +0000

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

Local clock offset: -3.433 ms

Remote clock offset: 1.396 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:32:58 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 70.53 Mbit/s

95th percentile per-packet one-way delay: 2.156 ms

Loss rate: 0.02%

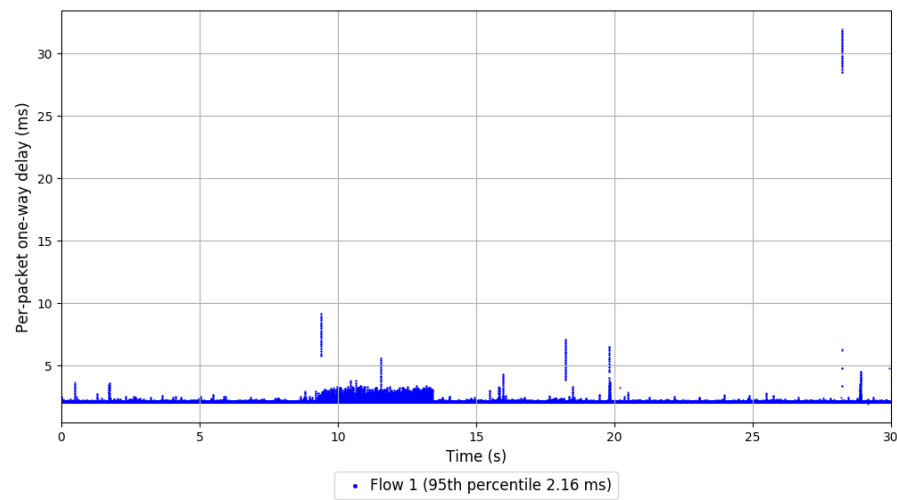
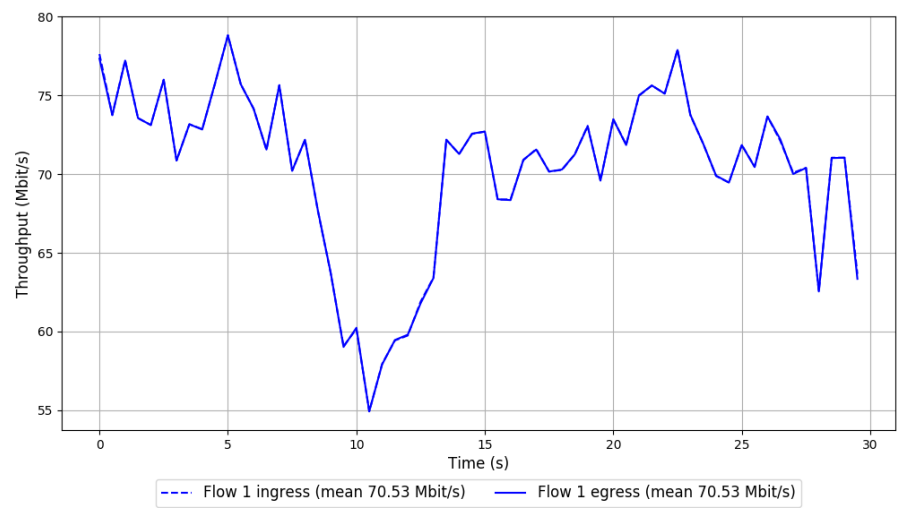
-- Flow 1:

Average throughput: 70.53 Mbit/s

95th percentile per-packet one-way delay: 2.156 ms

Loss rate: 0.02%

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

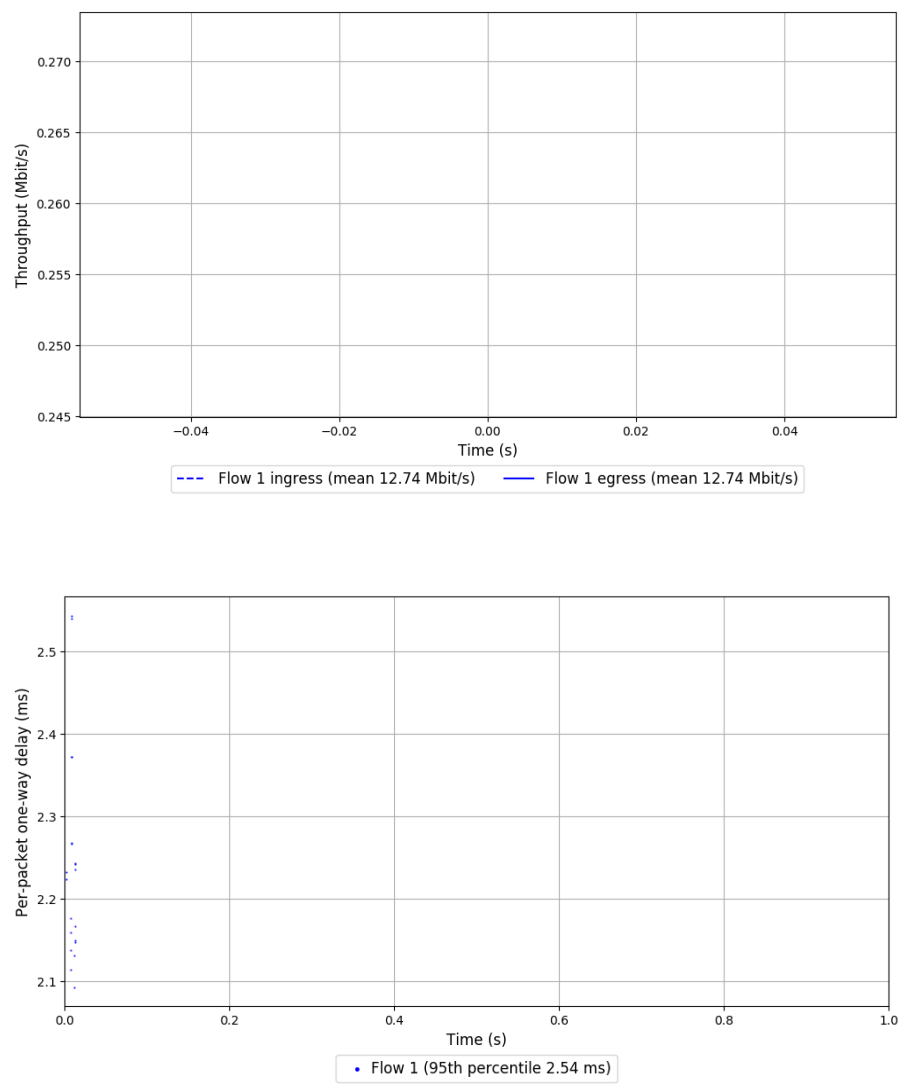
Start at: Sun, 16 Jul 2017 22:37:50 +0000

End at: Sun, 16 Jul 2017 22:38:20 +0000

Local clock offset: -3.398 ms

Remote clock offset: 1.247 ms

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: Sun, 16 Jul 2017 22:54:46 +0000

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

Local clock offset: -3.586 ms

Remote clock offset: 0.705 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 70.94 Mbit/s

95th percentile per-packet one-way delay: 2.181 ms

Loss rate: 0.02%

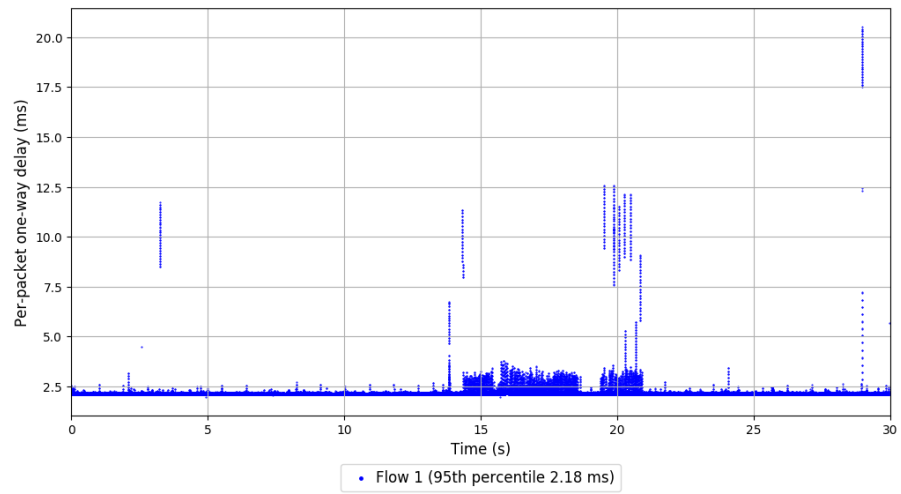
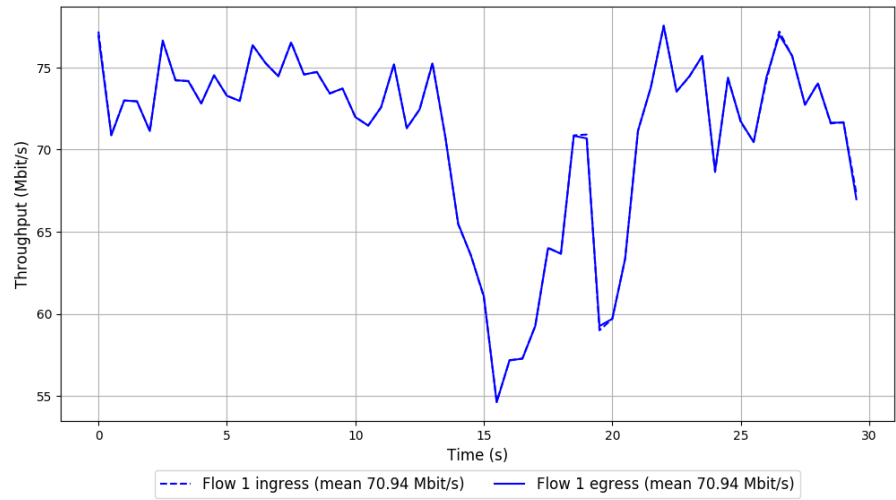
-- Flow 1:

Average throughput: 70.94 Mbit/s

95th percentile per-packet one-way delay: 2.181 ms

Loss rate: 0.02%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: Sun, 16 Jul 2017 23:11:45 +0000

End at: Sun, 16 Jul 2017 23:12:15 +0000

Local clock offset: -3.745 ms

Remote clock offset: 1.035 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:33:16 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 70.72 Mbit/s

95th percentile per-packet one-way delay: 2.222 ms

Loss rate: 0.02%

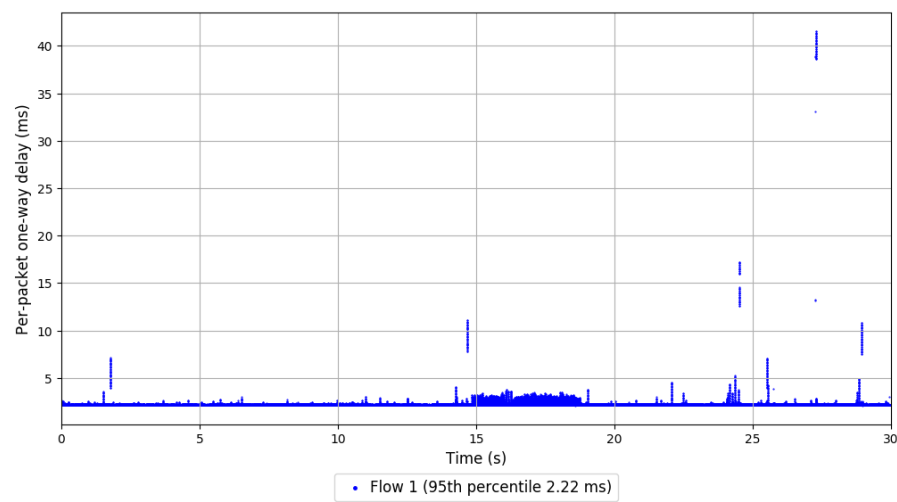
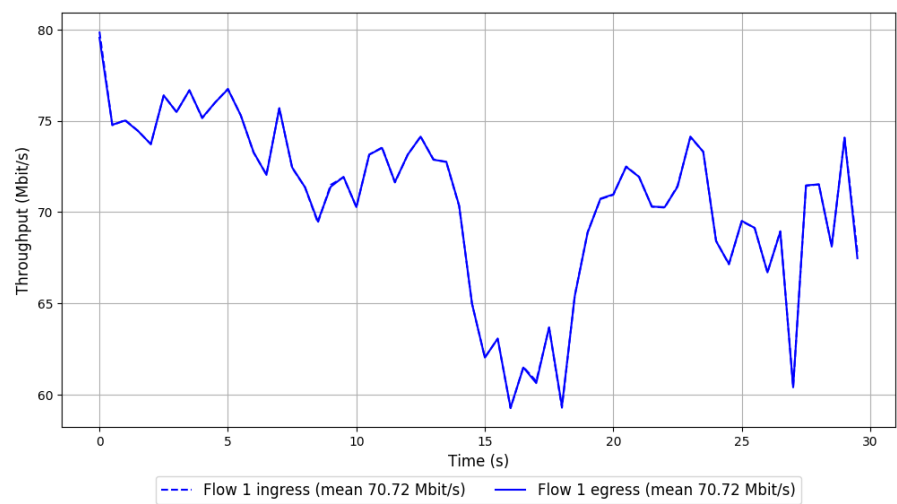
-- Flow 1:

Average throughput: 70.72 Mbit/s

95th percentile per-packet one-way delay: 2.222 ms

Loss rate: 0.02%

Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: Sun, 16 Jul 2017 23:28:43 +0000

End at: Sun, 16 Jul 2017 23:29:13 +0000

Local clock offset: -3.89 ms

Remote clock offset: 1.134 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 69.07 Mbit/s

95th percentile per-packet one-way delay: 2.185 ms

Loss rate: 0.02%

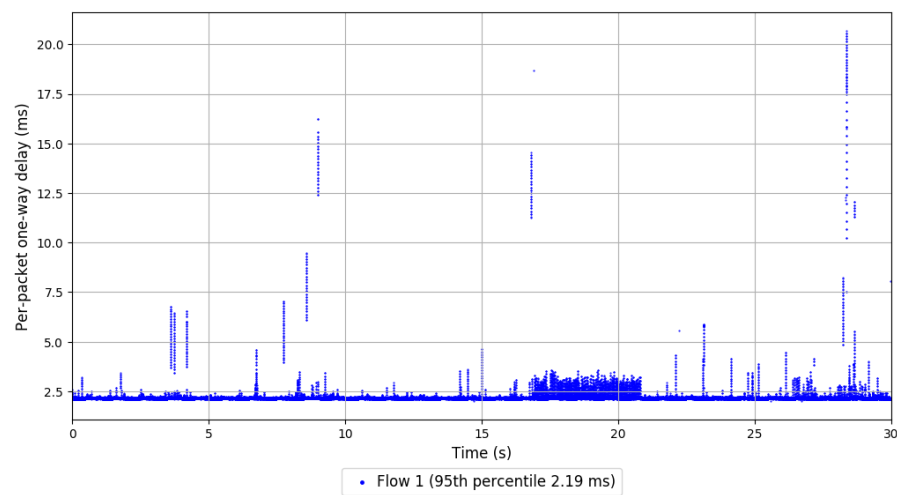
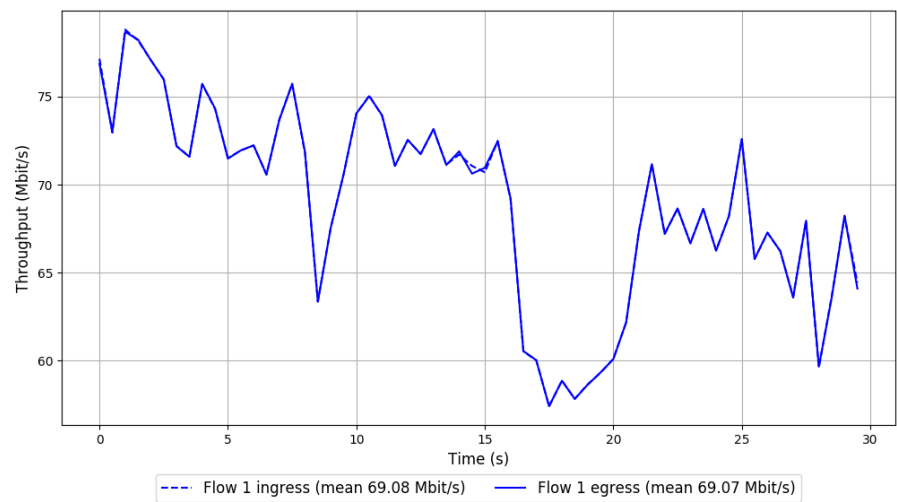
-- Flow 1:

Average throughput: 69.07 Mbit/s

95th percentile per-packet one-way delay: 2.185 ms

Loss rate: 0.02%

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

Start at: Sun, 16 Jul 2017 23:45:41 +0000

End at: Sun, 16 Jul 2017 23:46:11 +0000

Local clock offset: -4.135 ms

Remote clock offset: 0.556 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 68.77 Mbit/s

95th percentile per-packet one-way delay: 2.199 ms

Loss rate: 0.01%

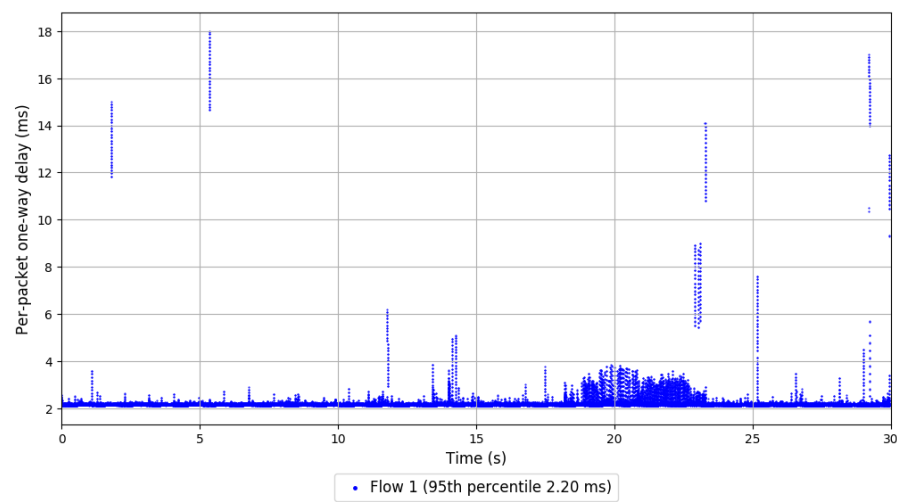
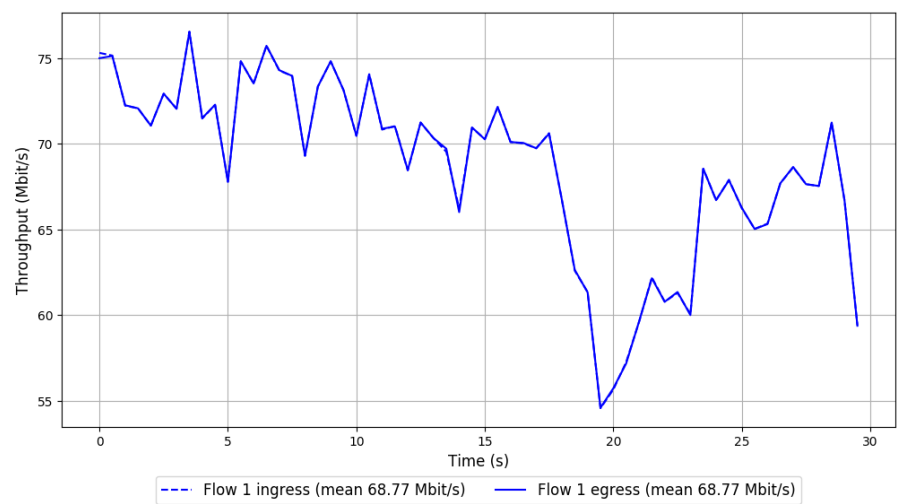
-- Flow 1:

Average throughput: 68.77 Mbit/s

95th percentile per-packet one-way delay: 2.199 ms

Loss rate: 0.01%

Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

Start at: Mon, 17 Jul 2017 00:02:40 +0000

End at: Mon, 17 Jul 2017 00:03:10 +0000

Local clock offset: -4.381 ms

Remote clock offset: -0.091 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:33:50 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 68.93 Mbit/s

95th percentile per-packet one-way delay: 2.182 ms

Loss rate: 0.01%

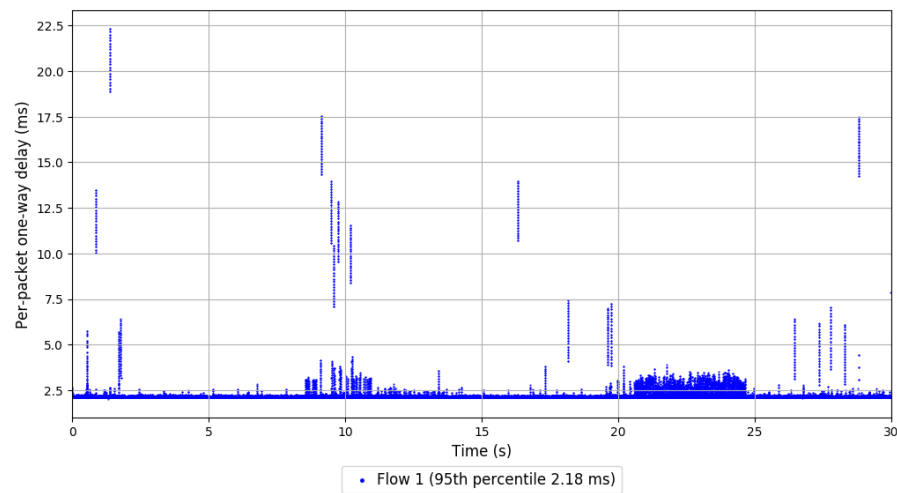
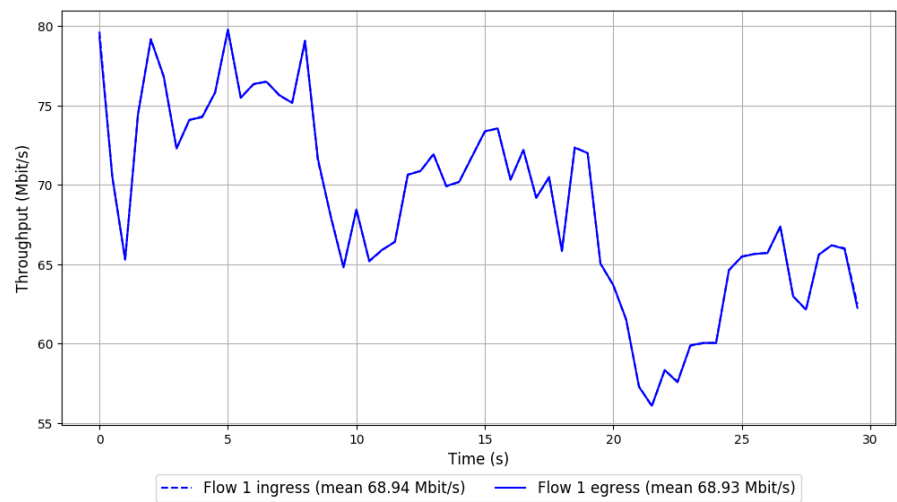
-- Flow 1:

Average throughput: 68.93 Mbit/s

95th percentile per-packet one-way delay: 2.182 ms

Loss rate: 0.01%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: Mon, 17 Jul 2017 00:19:38 +0000

End at: Mon, 17 Jul 2017 00:20:08 +0000

Local clock offset: -4.408 ms

Remote clock offset: -0.62 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:33:50 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 69.18 Mbit/s

95th percentile per-packet one-way delay: 2.130 ms

Loss rate: 0.01%

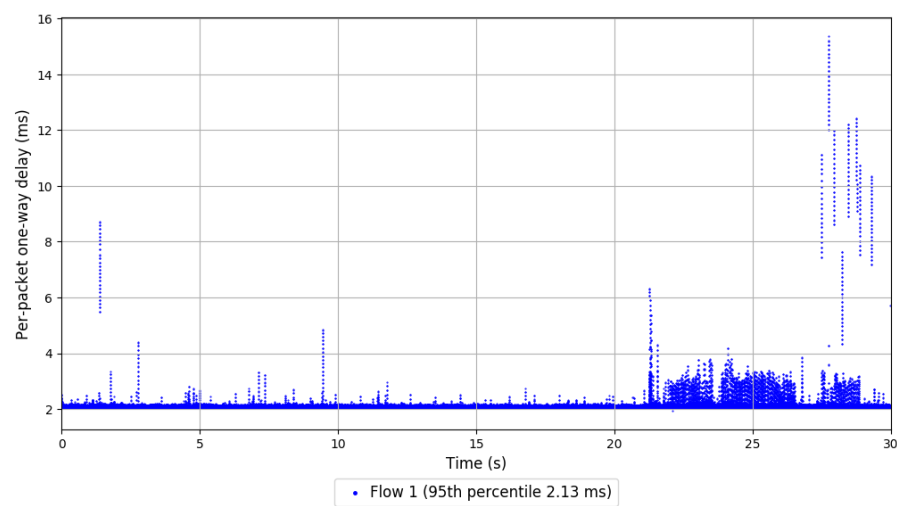
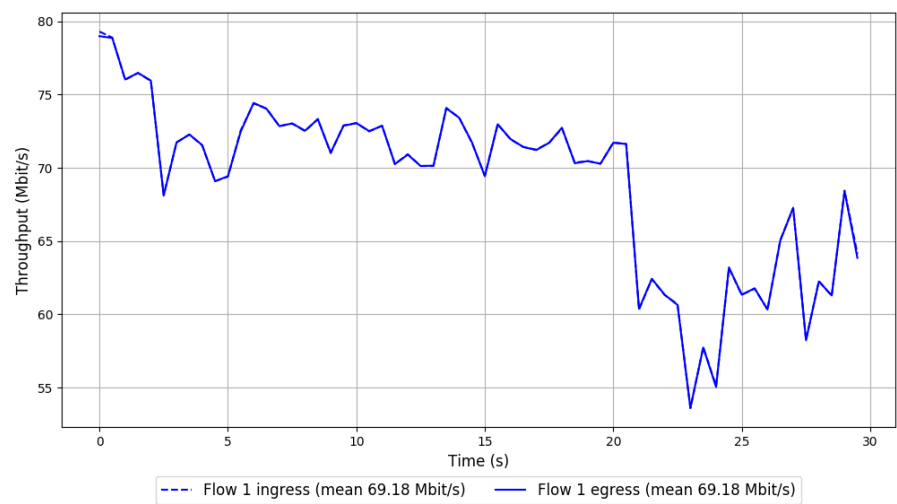
-- Flow 1:

Average throughput: 69.18 Mbit/s

95th percentile per-packet one-way delay: 2.130 ms

Loss rate: 0.01%

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: Mon, 17 Jul 2017 00:36:36 +0000

End at: Mon, 17 Jul 2017 00:37:06 +0000

Local clock offset: -3.918 ms

Remote clock offset: -0.705 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:34:07 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 67.88 Mbit/s

95th percentile per-packet one-way delay: 2.052 ms

Loss rate: 0.01%

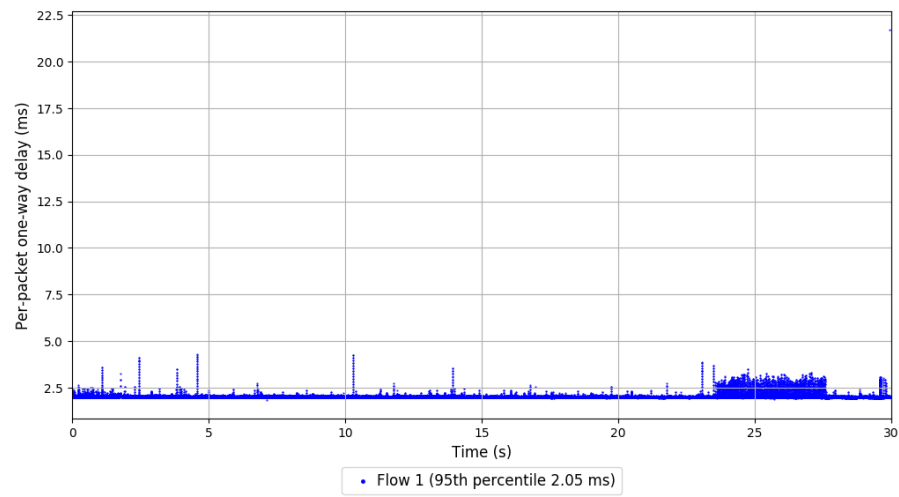
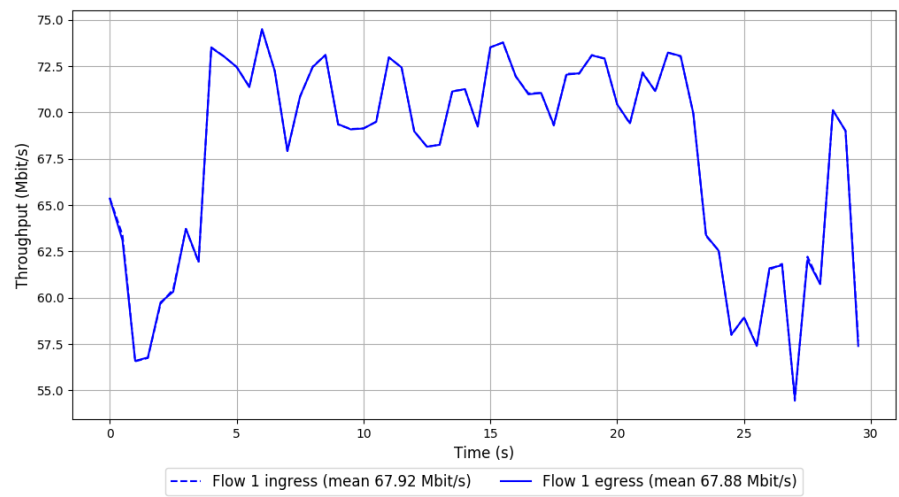
-- Flow 1:

Average throughput: 67.88 Mbit/s

95th percentile per-packet one-way delay: 2.052 ms

Loss rate: 0.01%

Run 10: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

Start at: Sun, 16 Jul 2017 22:01:40 +0000

End at: Sun, 16 Jul 2017 22:02:10 +0000

Local clock offset: -3.449 ms

Remote clock offset: 1.272 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:34:07 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.35 Mbit/s

95th percentile per-packet one-way delay: 14.005 ms

Loss rate: 0.14%

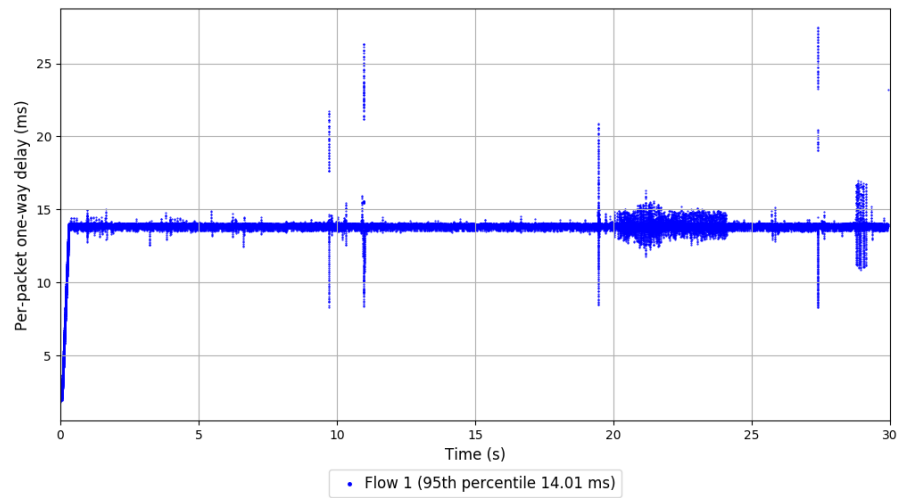
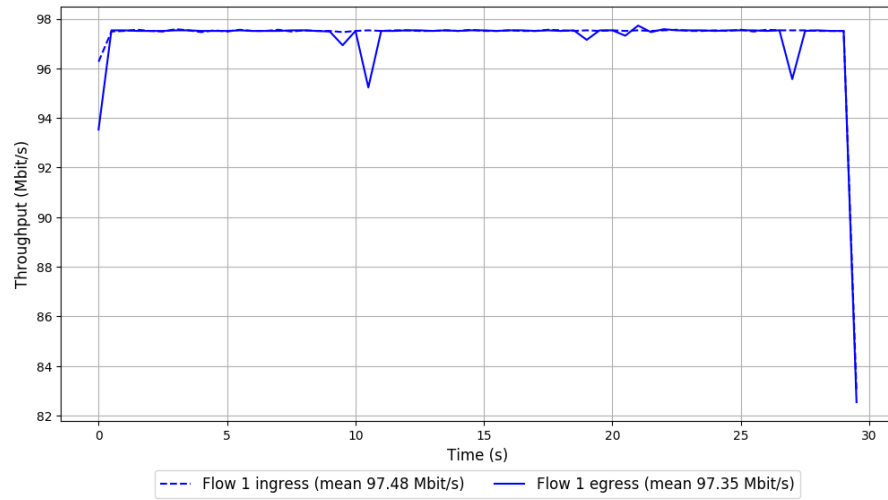
-- Flow 1:

Average throughput: 97.35 Mbit/s

95th percentile per-packet one-way delay: 14.005 ms

Loss rate: 0.14%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: Sun, 16 Jul 2017 22:18:38 +0000

End at: Sun, 16 Jul 2017 22:19:08 +0000

Local clock offset: -3.432 ms

Remote clock offset: 1.29 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:34:15 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.33 Mbit/s

95th percentile per-packet one-way delay: 14.176 ms

Loss rate: 0.18%

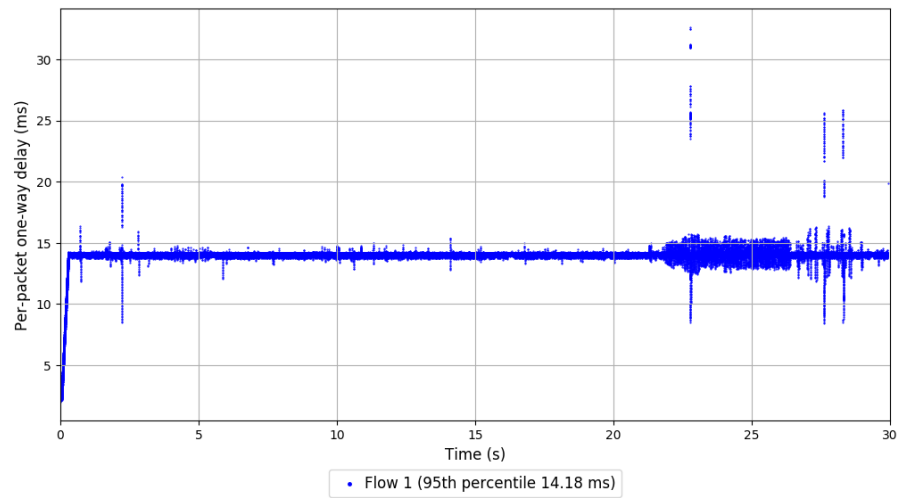
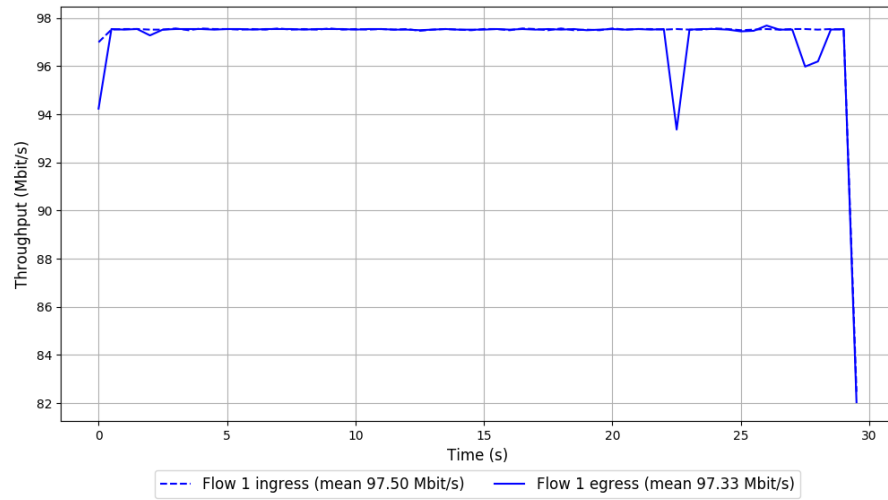
-- Flow 1:

Average throughput: 97.33 Mbit/s

95th percentile per-packet one-way delay: 14.176 ms

Loss rate: 0.18%

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: Sun, 16 Jul 2017 22:35:37 +0000

End at: Sun, 16 Jul 2017 22:36:07 +0000

Local clock offset: -3.463 ms

Remote clock offset: 1.287 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:34:20 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.39 Mbit/s

95th percentile per-packet one-way delay: 14.078 ms

Loss rate: 0.07%

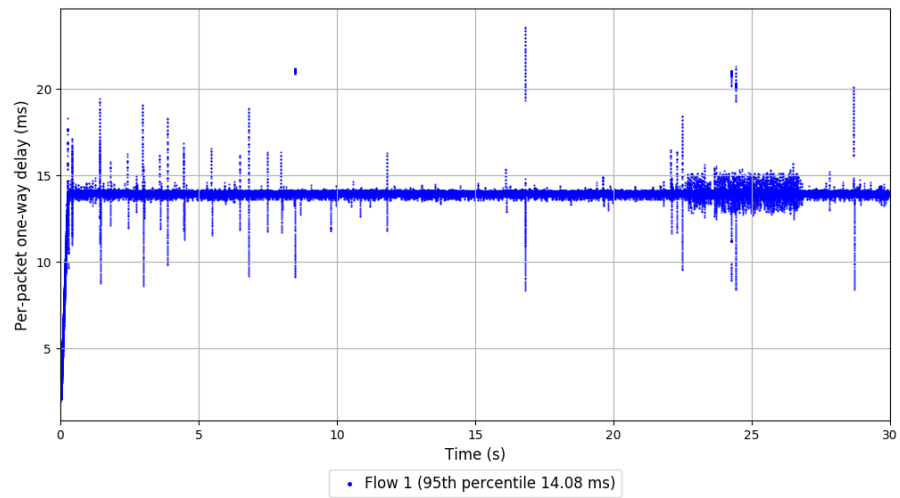
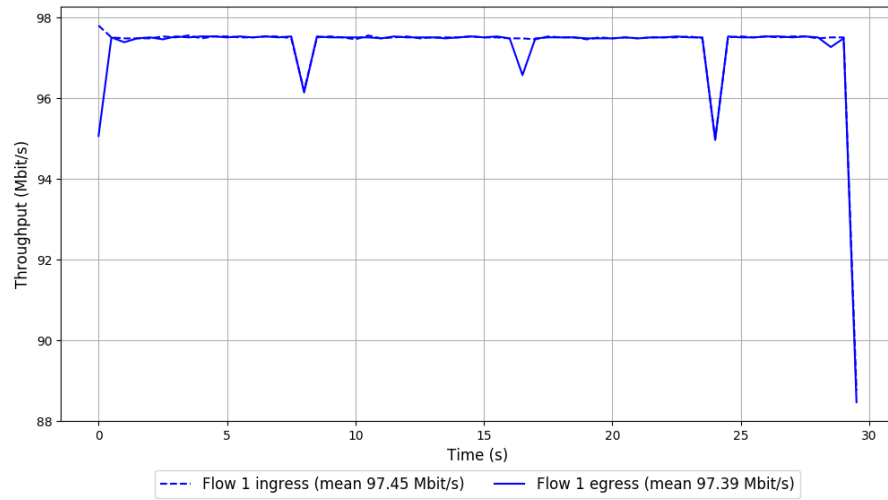
-- Flow 1:

Average throughput: 97.39 Mbit/s

95th percentile per-packet one-way delay: 14.078 ms

Loss rate: 0.07%

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: Sun, 16 Jul 2017 22:52:29 +0000

End at: Sun, 16 Jul 2017 22:52:59 +0000

Local clock offset: -3.554 ms

Remote clock offset: 0.724 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:34:29 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.25 Mbit/s

95th percentile per-packet one-way delay: 14.102 ms

Loss rate: 0.26%

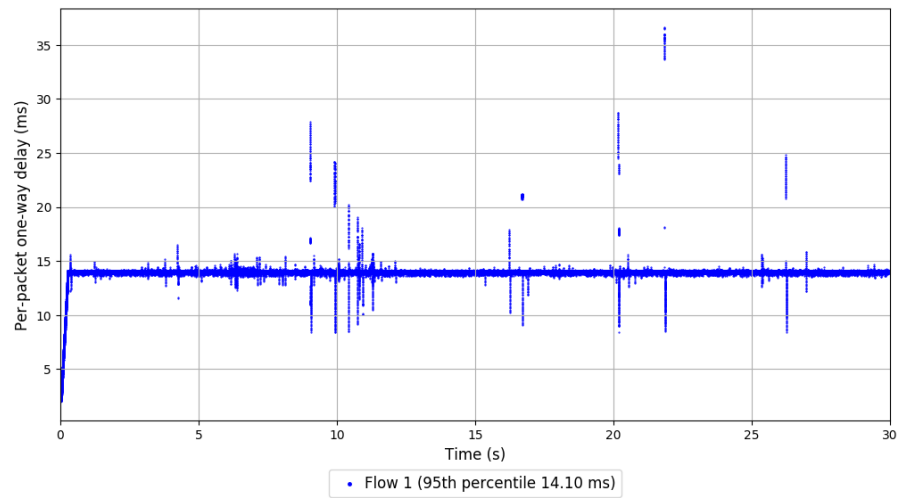
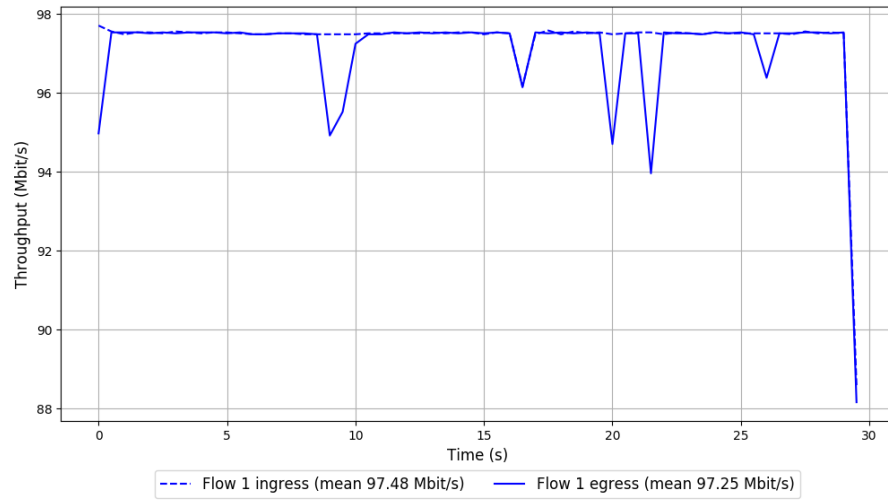
-- Flow 1:

Average throughput: 97.25 Mbit/s

95th percentile per-packet one-way delay: 14.102 ms

Loss rate: 0.26%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: Sun, 16 Jul 2017 23:09:32 +0000

End at: Sun, 16 Jul 2017 23:10:02 +0000

Local clock offset: -3.701 ms

Remote clock offset: 1.007 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:34:33 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.36 Mbit/s

95th percentile per-packet one-way delay: 14.156 ms

Loss rate: 0.17%

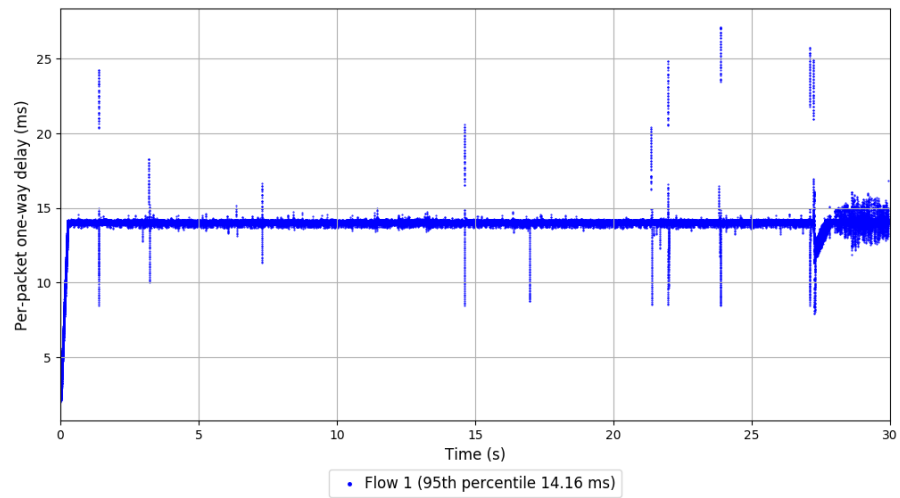
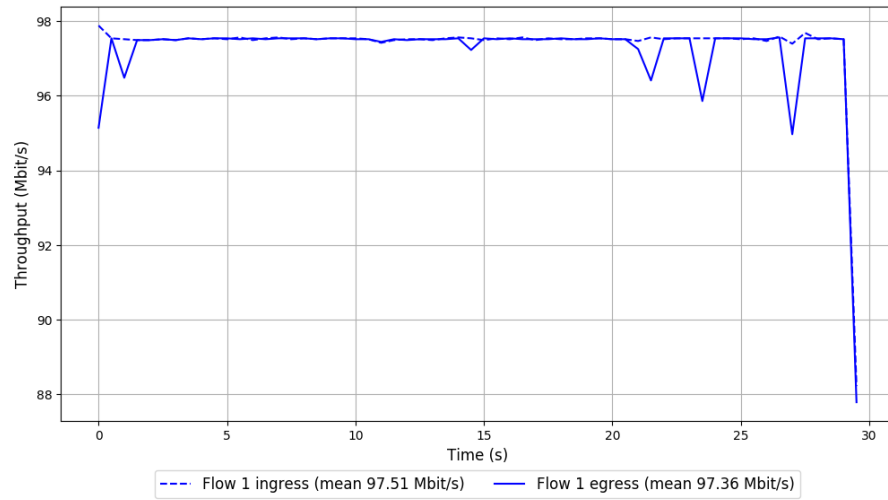
-- Flow 1:

Average throughput: 97.36 Mbit/s

95th percentile per-packet one-way delay: 14.156 ms

Loss rate: 0.17%

Run 5: Report of TCP Cubic — Data Link



Run 6: Statistics of TCP Cubic

Start at: Sun, 16 Jul 2017 23:26:31 +0000

End at: Sun, 16 Jul 2017 23:27:01 +0000

Local clock offset: -3.911 ms

Remote clock offset: 1.186 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:34:45 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.38 Mbit/s

95th percentile per-packet one-way delay: 14.084 ms

Loss rate: 0.10%

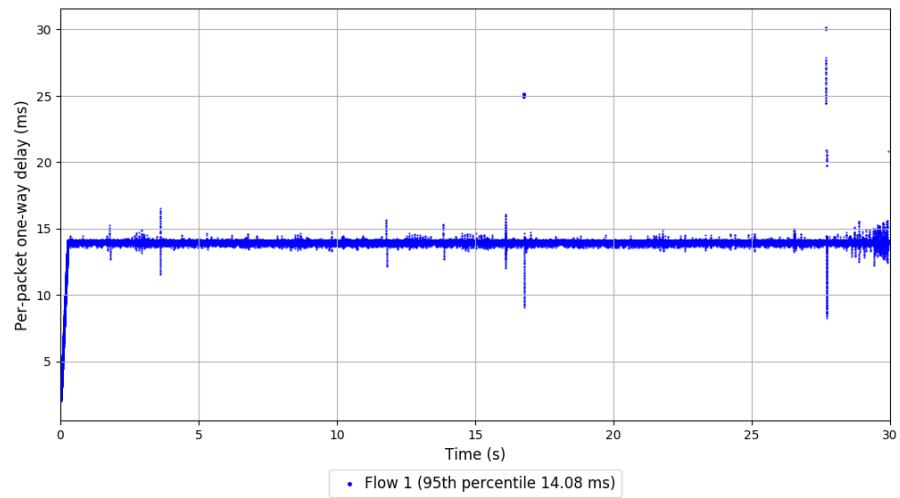
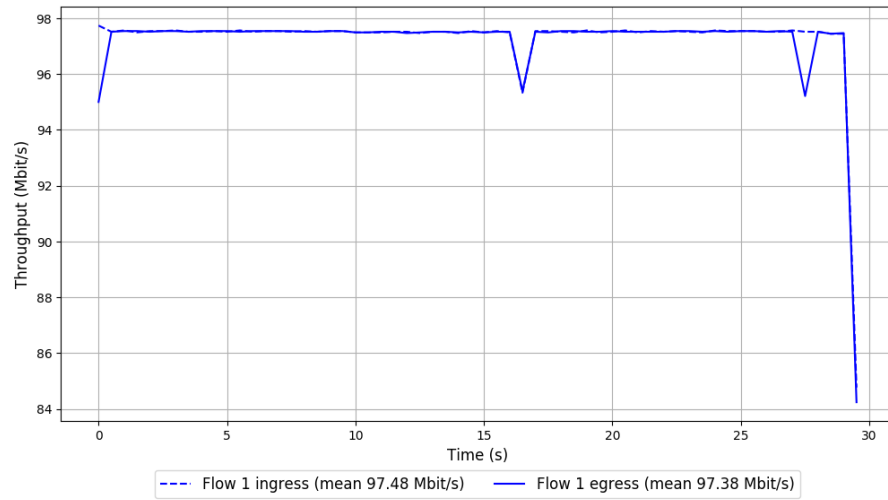
-- Flow 1:

Average throughput: 97.38 Mbit/s

95th percentile per-packet one-way delay: 14.084 ms

Loss rate: 0.10%

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: Sun, 16 Jul 2017 23:43:28 +0000

End at: Sun, 16 Jul 2017 23:43:58 +0000

Local clock offset: -4.143 ms

Remote clock offset: 0.65 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:34:46 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.34 Mbit/s

95th percentile per-packet one-way delay: 14.094 ms

Loss rate: 0.20%

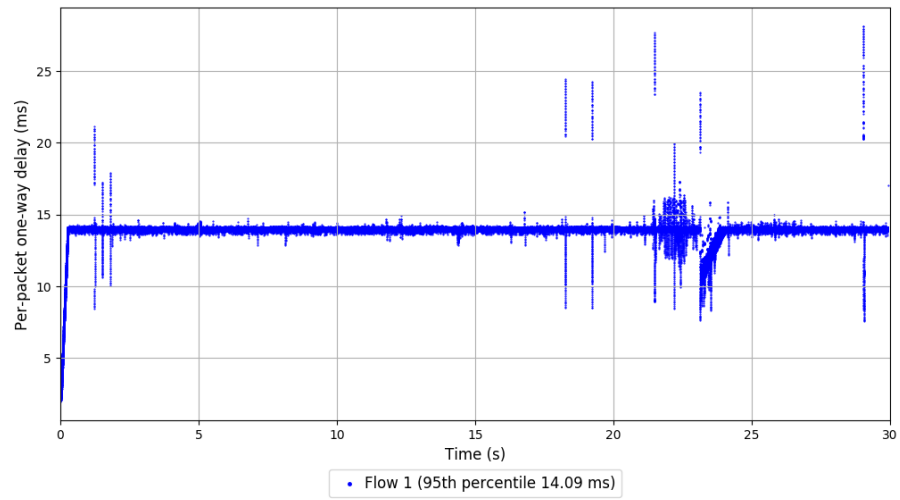
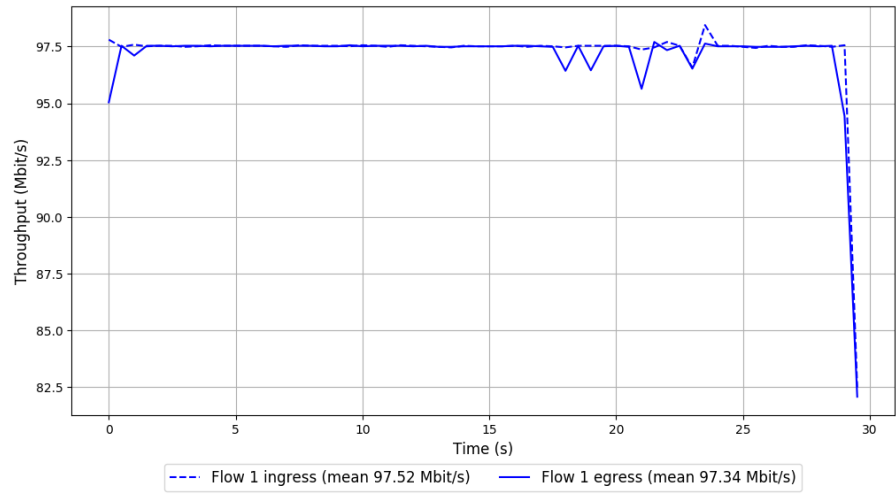
-- Flow 1:

Average throughput: 97.34 Mbit/s

95th percentile per-packet one-way delay: 14.094 ms

Loss rate: 0.20%

Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: Mon, 17 Jul 2017 00:00:27 +0000

End at: Mon, 17 Jul 2017 00:00:57 +0000

Local clock offset: -4.337 ms

Remote clock offset: 0.058 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:34:58 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.45 Mbit/s

95th percentile per-packet one-way delay: 14.088 ms

Loss rate: 0.10%

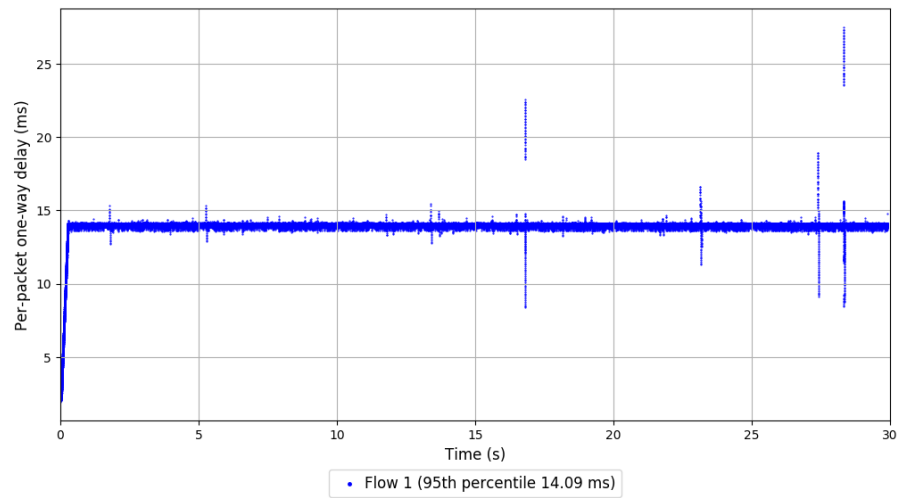
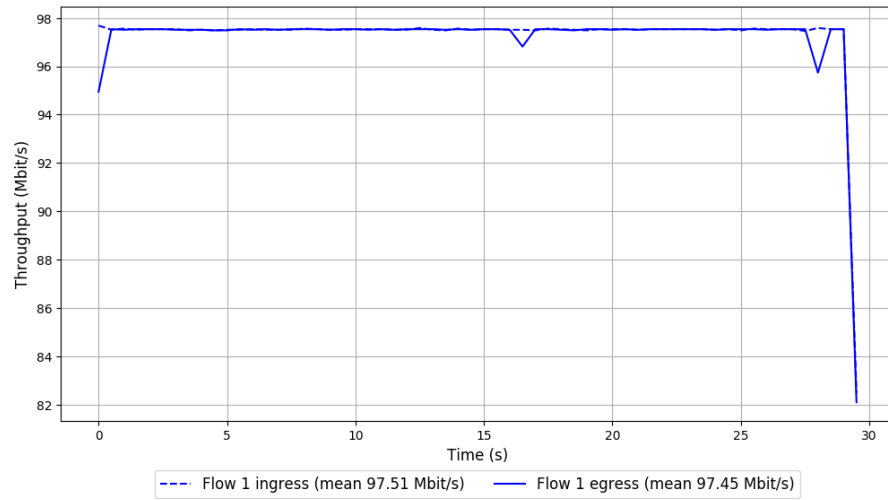
-- Flow 1:

Average throughput: 97.45 Mbit/s

95th percentile per-packet one-way delay: 14.088 ms

Loss rate: 0.10%

Run 8: Report of TCP Cubic — Data Link



Run 9: Statistics of TCP Cubic

Start at: Mon, 17 Jul 2017 00:17:26 +0000

End at: Mon, 17 Jul 2017 00:17:56 +0000

Local clock offset: -4.533 ms

Remote clock offset: -0.593 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:34:59 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.28 Mbit/s

95th percentile per-packet one-way delay: 13.982 ms

Loss rate: 0.24%

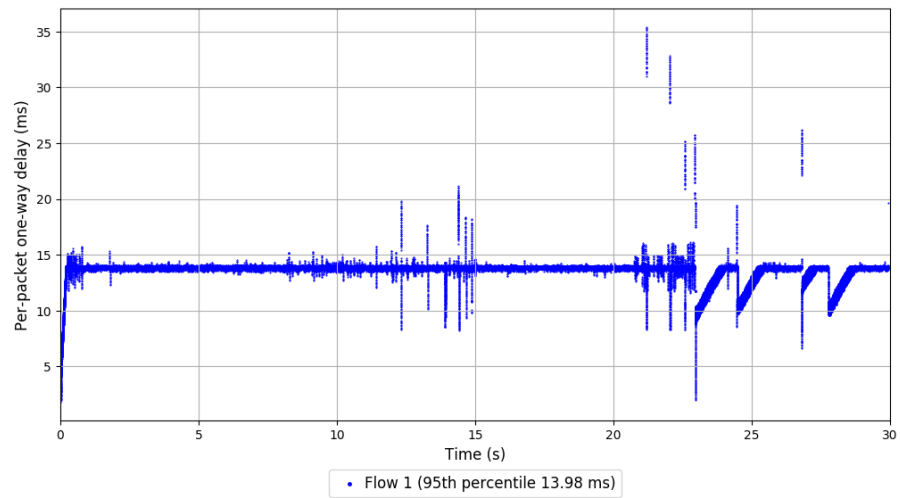
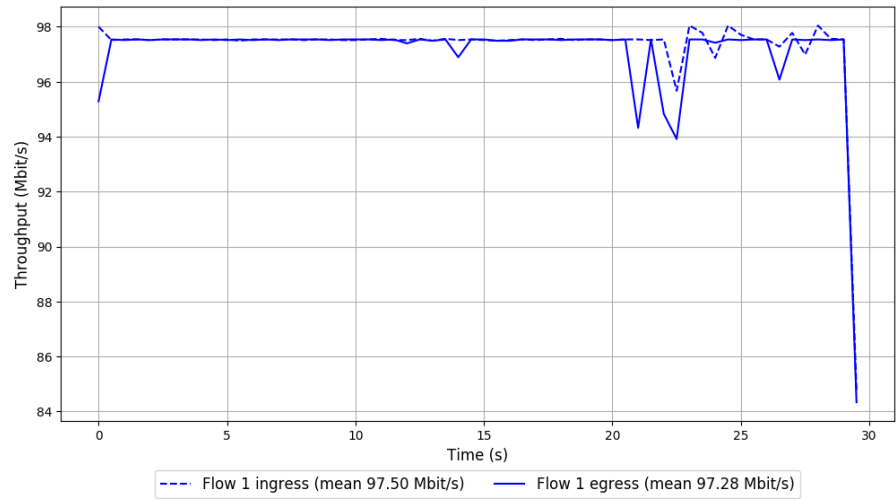
-- Flow 1:

Average throughput: 97.28 Mbit/s

95th percentile per-packet one-way delay: 13.982 ms

Loss rate: 0.24%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: Mon, 17 Jul 2017 00:34:24 +0000

End at: Mon, 17 Jul 2017 00:34:54 +0000

Local clock offset: -4.014 ms

Remote clock offset: -0.671 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:35:13 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.13 Mbit/s

95th percentile per-packet one-way delay: 13.997 ms

Loss rate: 0.26%

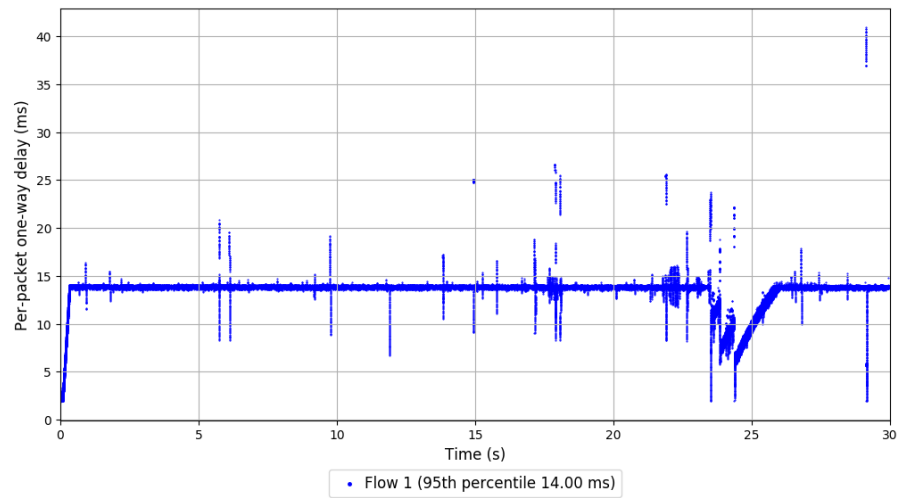
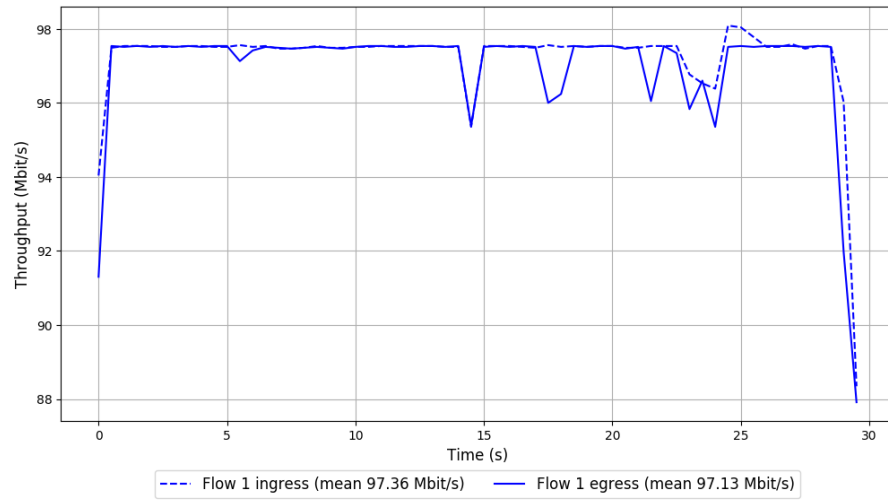
-- Flow 1:

Average throughput: 97.13 Mbit/s

95th percentile per-packet one-way delay: 13.997 ms

Loss rate: 0.26%

Run 10: Report of TCP Cubic — Data Link



Run 1: Statistics of KohoCC

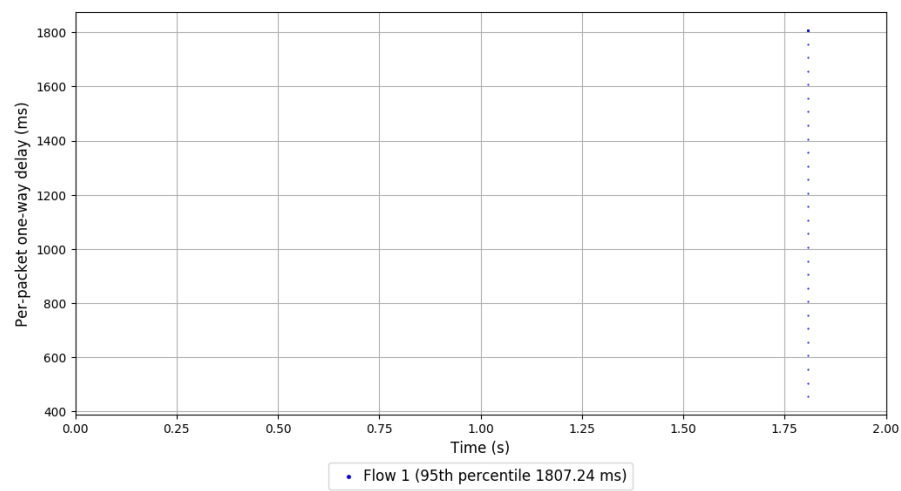
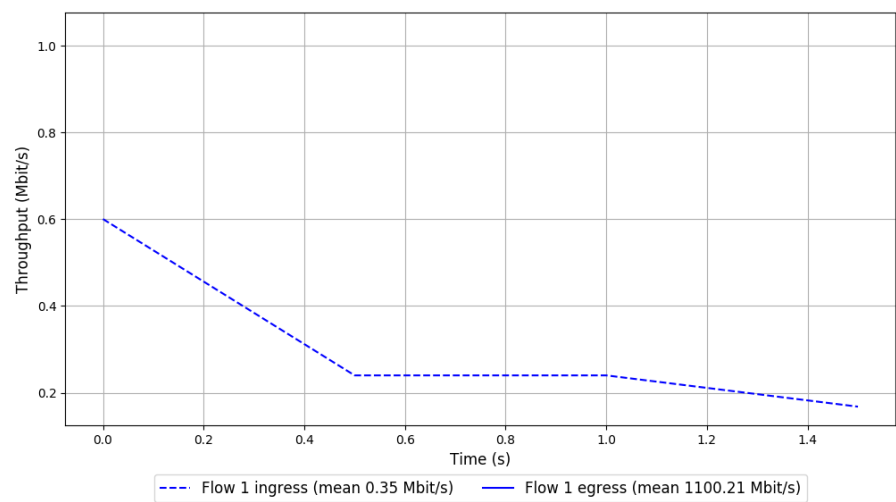
Start at: Sun, 16 Jul 2017 22:02:49 +0000

End at: Sun, 16 Jul 2017 22:03:19 +0000

Local clock offset: -3.338 ms

Remote clock offset: 1.255 ms

Run 1: Report of KohoCC — Data Link



Run 2: Statistics of KohoCC

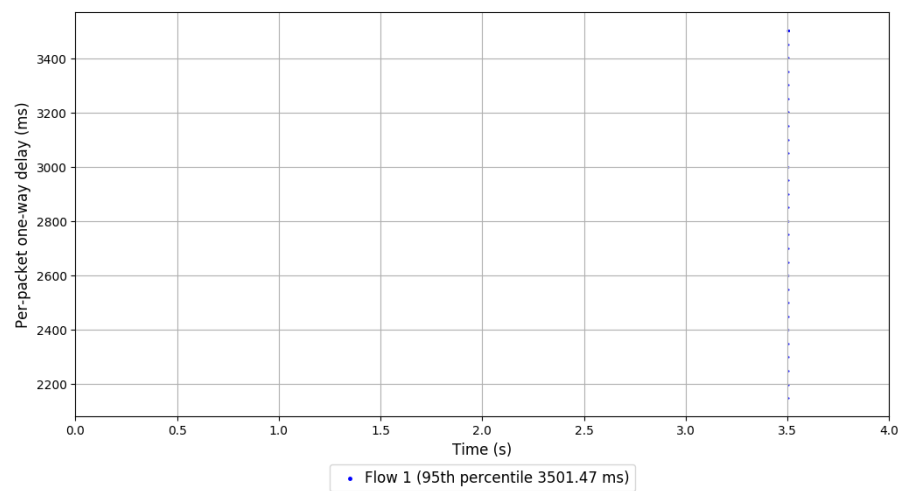
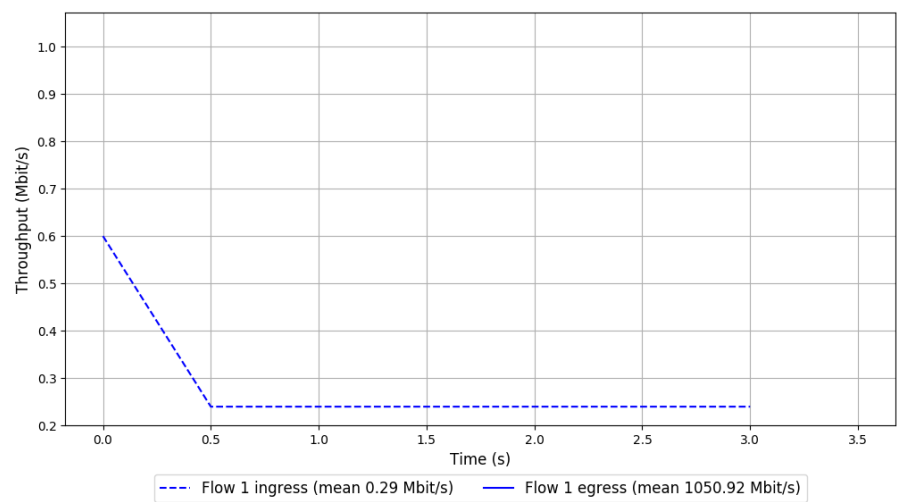
Start at: Sun, 16 Jul 2017 22:19:47 +0000

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

Local clock offset: -3.408 ms

Remote clock offset: 1.404 ms

Run 2: Report of KohoCC — Data Link



Run 3: Statistics of KohoCC

Start at: Sun, 16 Jul 2017 22:36:46 +0000

End at: Sun, 16 Jul 2017 22:37:16 +0000

Local clock offset: -3.423 ms

Remote clock offset: 1.22 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:35:13 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.62 Mbit/s

95th percentile per-packet one-way delay: 2.250 ms

Loss rate: 0.01%

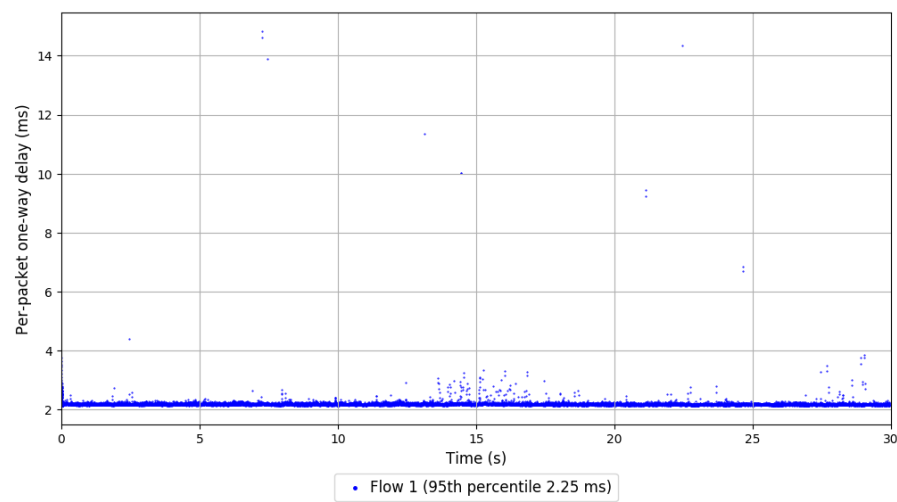
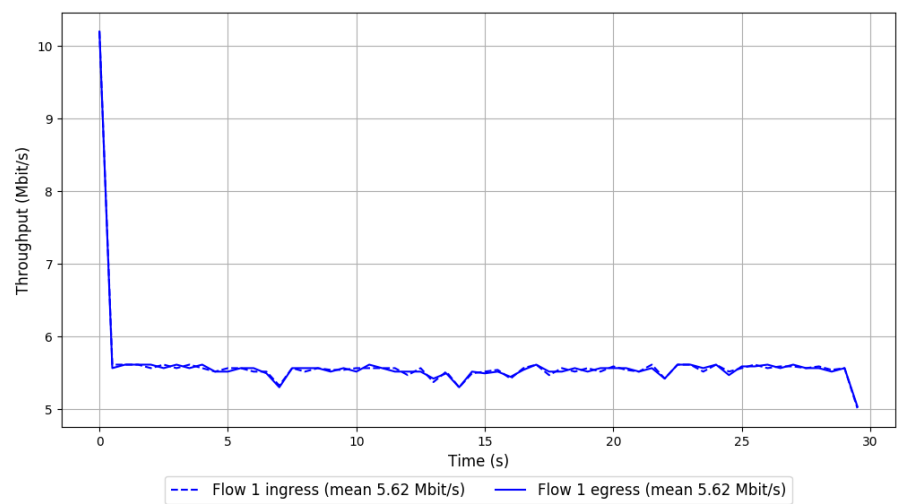
-- Flow 1:

Average throughput: 5.62 Mbit/s

95th percentile per-packet one-way delay: 2.250 ms

Loss rate: 0.01%

Run 3: Report of KohoCC — Data Link



Run 4: Statistics of KohoCC

Start at: Sun, 16 Jul 2017 22:53:38 +0000

End at: Sun, 16 Jul 2017 22:54:08 +0000

Local clock offset: -3.539 ms

Remote clock offset: 0.657 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:35:13 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 49.74 Mbit/s

95th percentile per-packet one-way delay: 2.408 ms

Loss rate: 0.00%

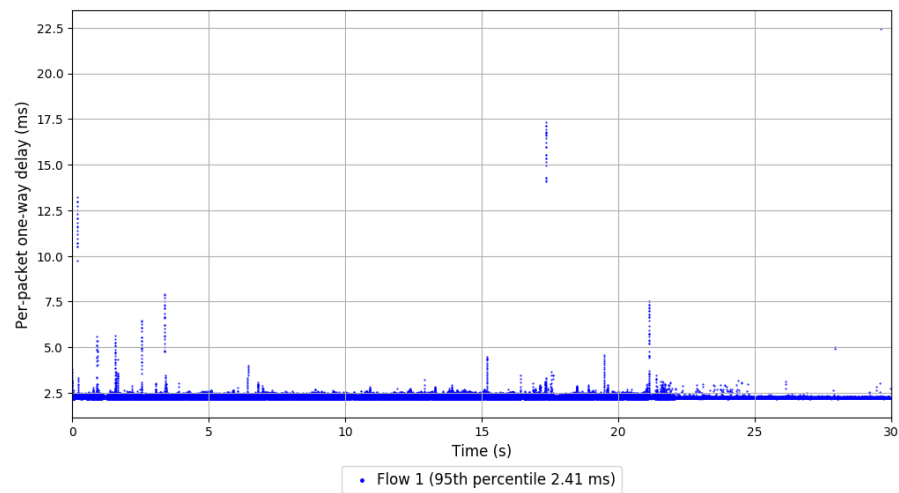
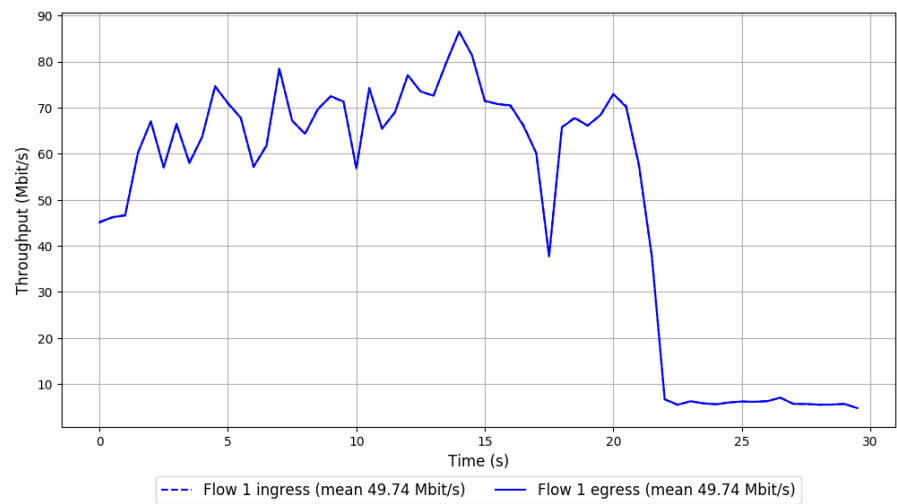
-- Flow 1:

Average throughput: 49.74 Mbit/s

95th percentile per-packet one-way delay: 2.408 ms

Loss rate: 0.00%

Run 4: Report of KohoCC — Data Link



Run 5: Statistics of KohoCC

Start at: Sun, 16 Jul 2017 23:10:41 +0000

End at: Sun, 16 Jul 2017 23:11:11 +0000

Local clock offset: -3.768 ms

Remote clock offset: 1.066 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:35:13 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.59 Mbit/s

95th percentile per-packet one-way delay: 2.172 ms

Loss rate: 0.01%

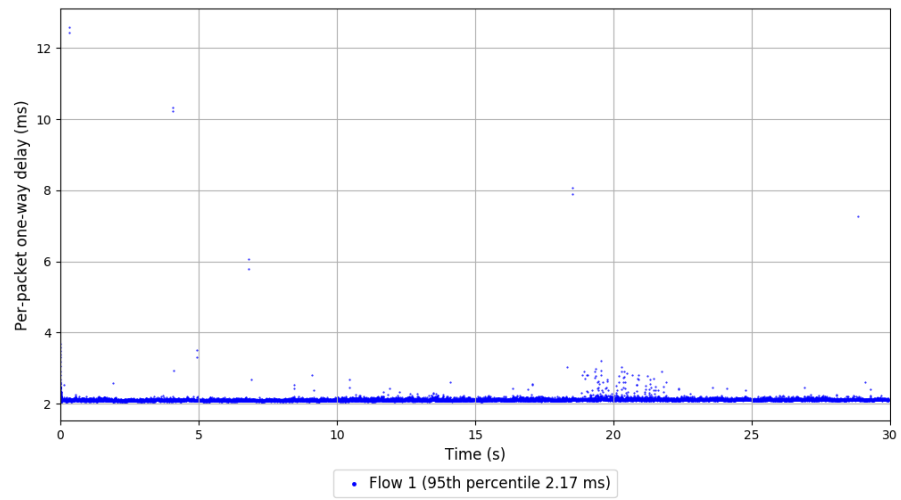
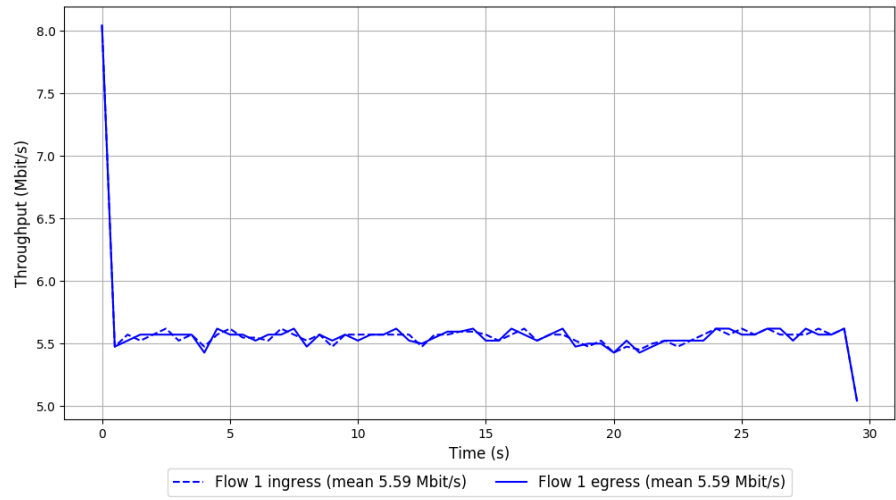
-- Flow 1:

Average throughput: 5.59 Mbit/s

95th percentile per-packet one-way delay: 2.172 ms

Loss rate: 0.01%

Run 5: Report of KohoCC — Data Link



Run 6: Statistics of KohoCC

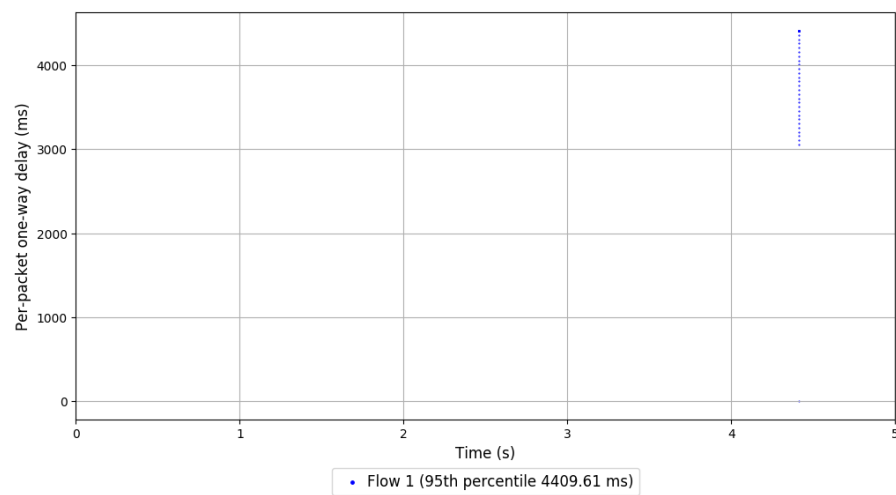
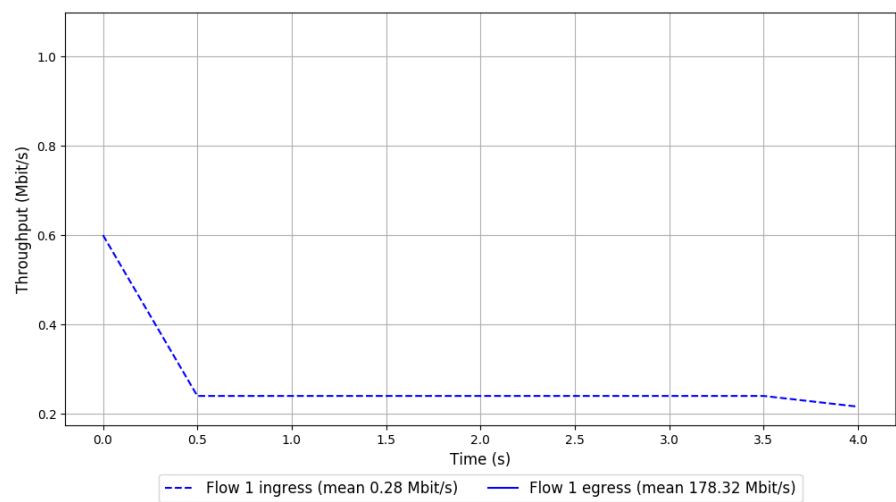
Start at: Sun, 16 Jul 2017 23:27:40 +0000

End at: Sun, 16 Jul 2017 23:28:10 +0000

Local clock offset: -3.882 ms

Remote clock offset: 1.156 ms

Run 6: Report of KohoCC — Data Link



Run 7: Statistics of KohoCC

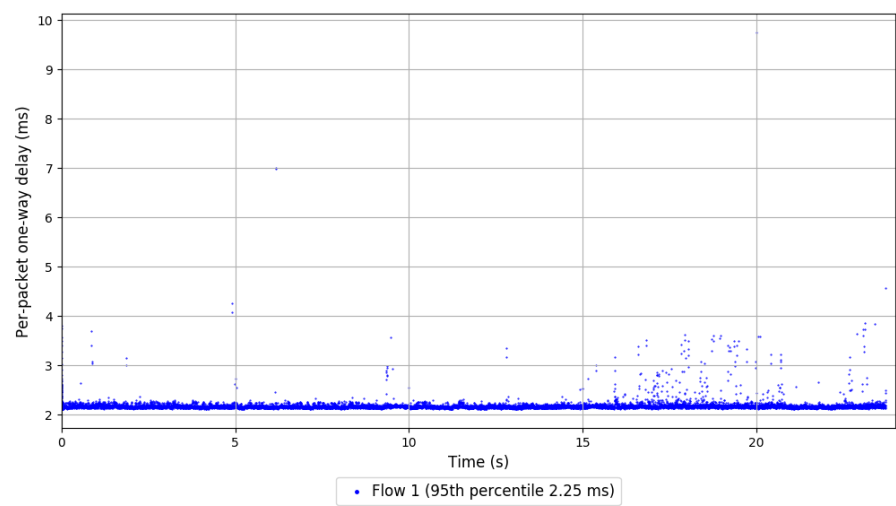
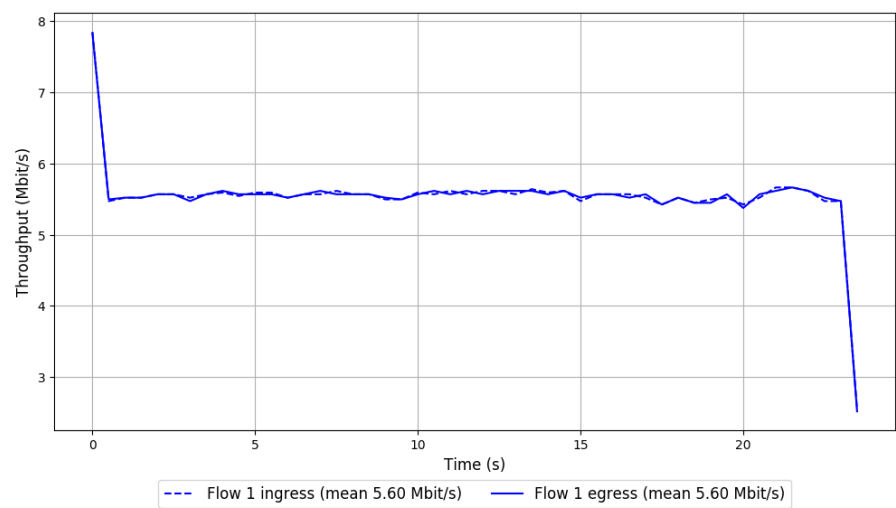
Start at: Sun, 16 Jul 2017 23:44:37 +0000

End at: Sun, 16 Jul 2017 23:45:07 +0000

Local clock offset: -4.104 ms

Remote clock offset: 0.59 ms

Run 7: Report of KohoCC — Data Link



Run 8: Statistics of KohoCC

Start at: Mon, 17 Jul 2017 00:01:36 +0000

End at: Mon, 17 Jul 2017 00:02:06 +0000

Local clock offset: -4.418 ms

Remote clock offset: -0.033 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:35:15 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.96 Mbit/s

95th percentile per-packet one-way delay: 2.184 ms

Loss rate: 0.01%

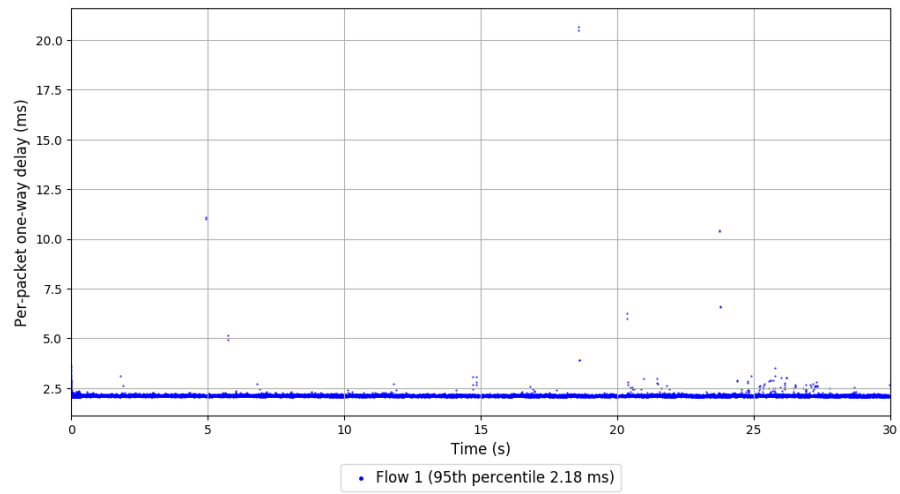
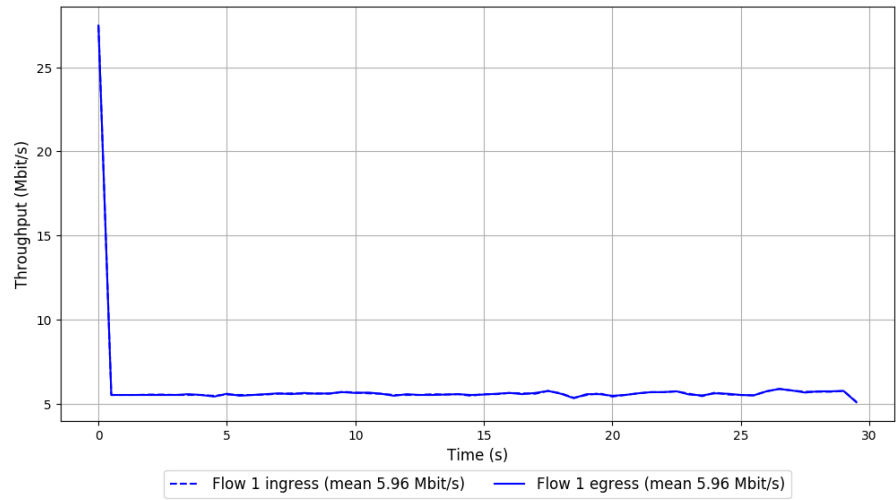
-- Flow 1:

Average throughput: 5.96 Mbit/s

95th percentile per-packet one-way delay: 2.184 ms

Loss rate: 0.01%

Run 8: Report of KohoCC — Data Link



Run 9: Statistics of KohoCC

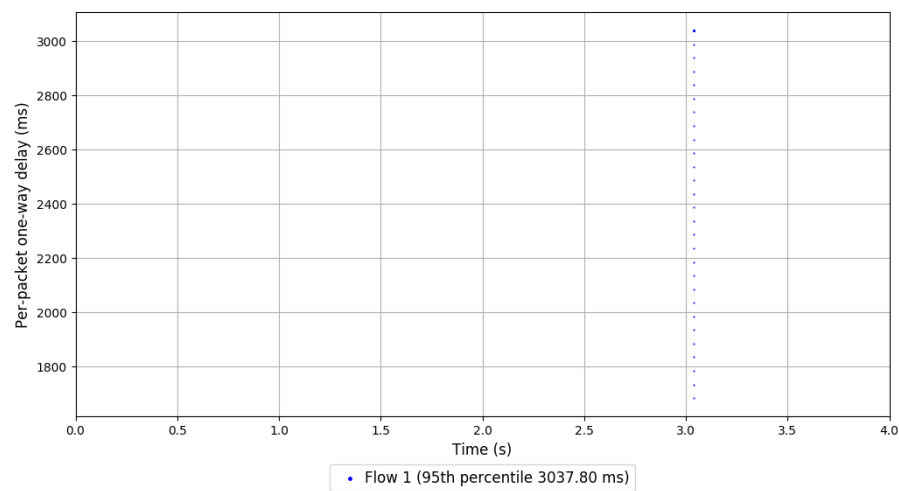
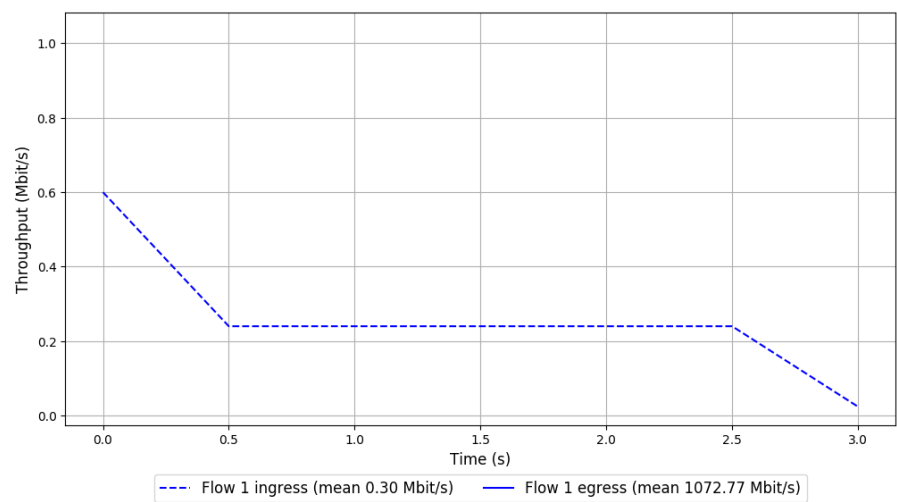
Start at: Mon, 17 Jul 2017 00:18:35 +0000

End at: Mon, 17 Jul 2017 00:19:05 +0000

Local clock offset: -4.454 ms

Remote clock offset: -0.675 ms

Run 9: Report of KohoCC — Data Link



Run 10: Statistics of KohoCC

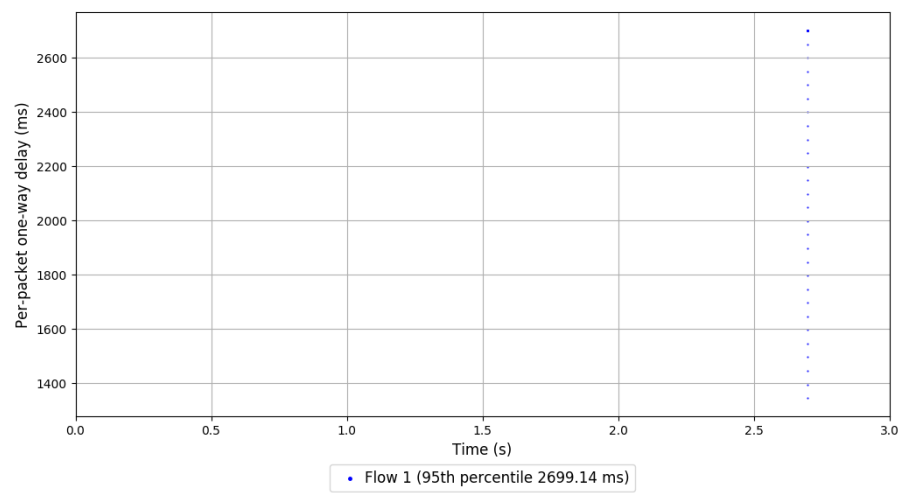
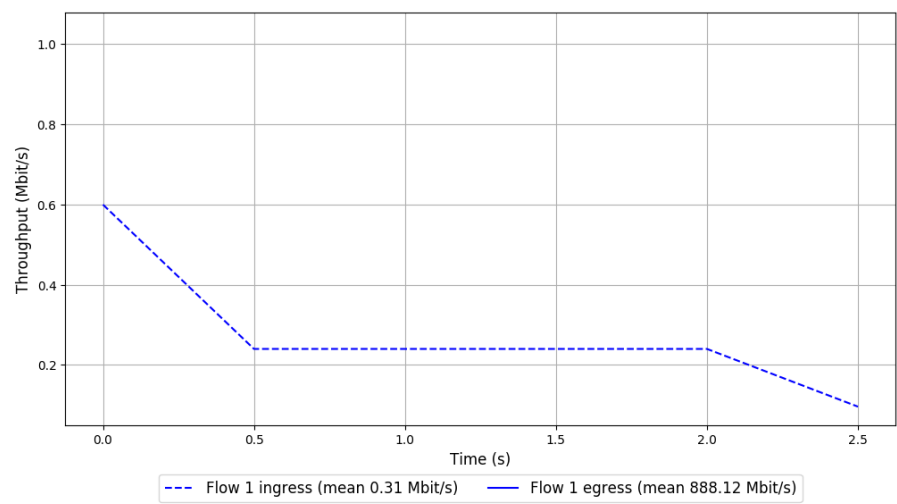
Start at: Mon, 17 Jul 2017 00:35:33 +0000

End at: Mon, 17 Jul 2017 00:36:03 +0000

Local clock offset: -3.954 ms

Remote clock offset: -0.707 ms

Run 10: Report of KohoCC — Data Link



Run 1: Statistics of LEDBAT

Start at: Sun, 16 Jul 2017 22:11:56 +0000

End at: Sun, 16 Jul 2017 22:12:26 +0000

Local clock offset: -3.327 ms

Remote clock offset: 1.445 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:35:27 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.01 Mbit/s

95th percentile per-packet one-way delay: 13.770 ms

Loss rate: 0.13%

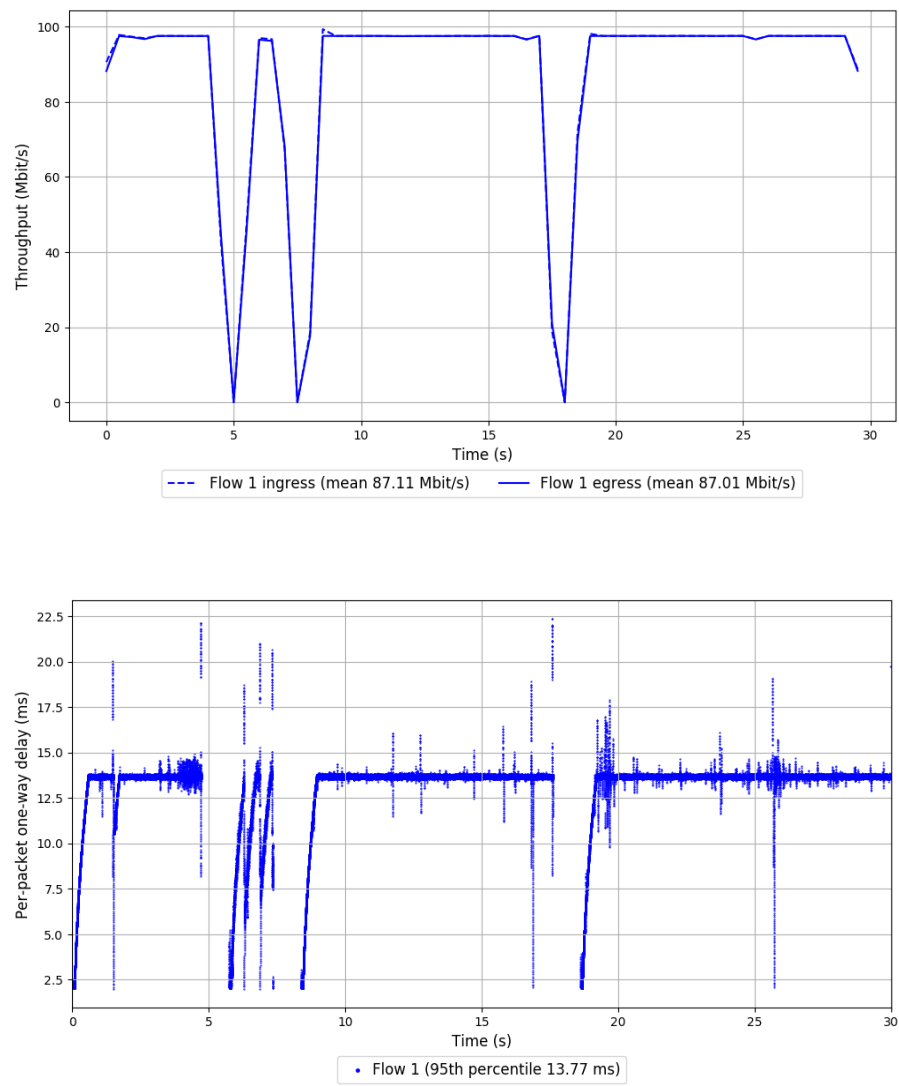
-- Flow 1:

Average throughput: 87.01 Mbit/s

95th percentile per-packet one-way delay: 13.770 ms

Loss rate: 0.13%

Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: Sun, 16 Jul 2017 22:28:55 +0000

End at: Sun, 16 Jul 2017 22:29:25 +0000

Local clock offset: -3.403 ms

Remote clock offset: 1.407 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:35:27 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.30 Mbit/s

95th percentile per-packet one-way delay: 13.822 ms

Loss rate: 0.17%

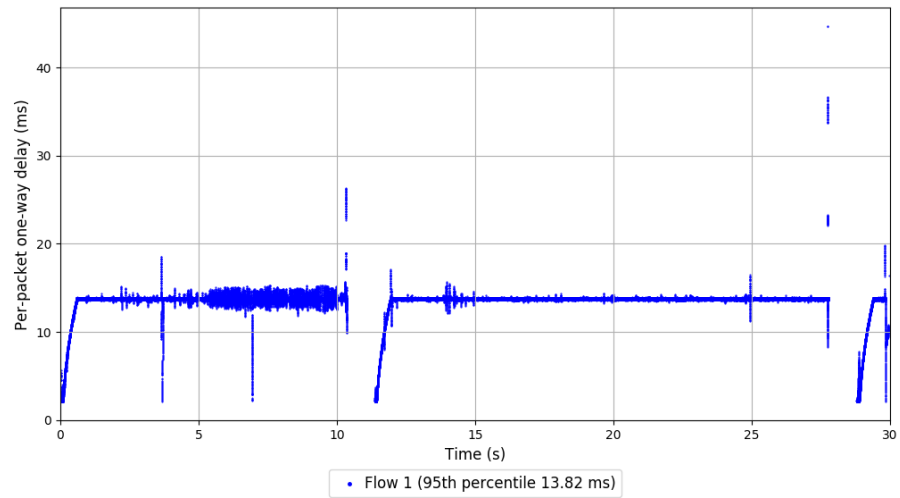
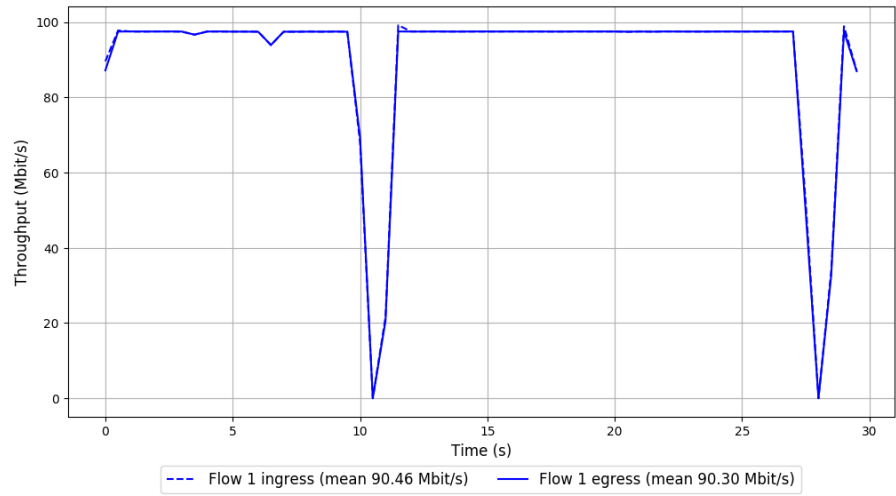
-- Flow 1:

Average throughput: 90.30 Mbit/s

95th percentile per-packet one-way delay: 13.822 ms

Loss rate: 0.17%

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: Sun, 16 Jul 2017 22:45:47 +0000

End at: Sun, 16 Jul 2017 22:46:17 +0000

Local clock offset: -3.259 ms

Remote clock offset: 1.134 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:35:39 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.77 Mbit/s

95th percentile per-packet one-way delay: 13.779 ms

Loss rate: 0.22%

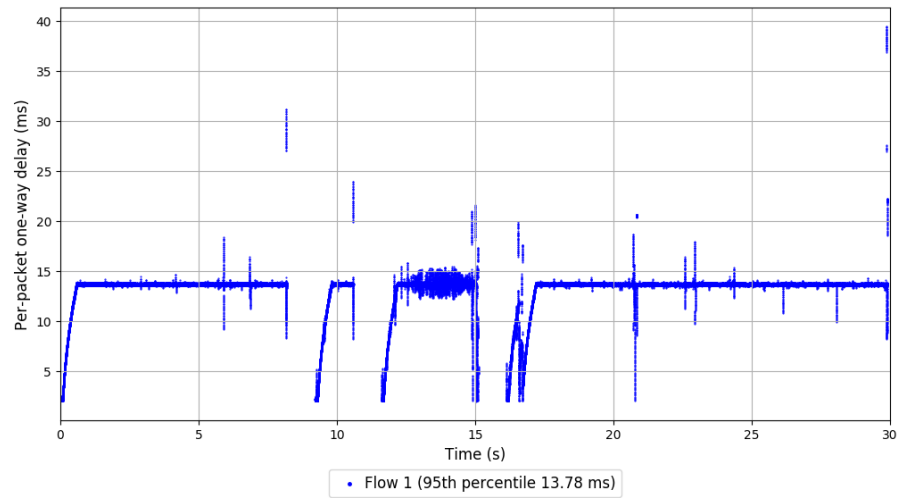
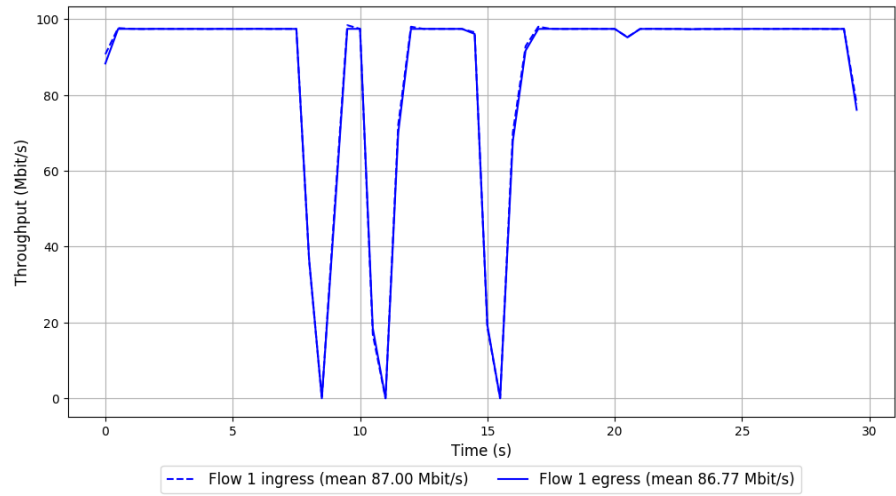
-- Flow 1:

Average throughput: 86.77 Mbit/s

95th percentile per-packet one-way delay: 13.779 ms

Loss rate: 0.22%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: Sun, 16 Jul 2017 23:02:50 +0000

End at: Sun, 16 Jul 2017 23:03:20 +0000

Local clock offset: -3.539 ms

Remote clock offset: 0.923 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:35:40 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.34 Mbit/s

95th percentile per-packet one-way delay: 13.851 ms

Loss rate: 0.14%

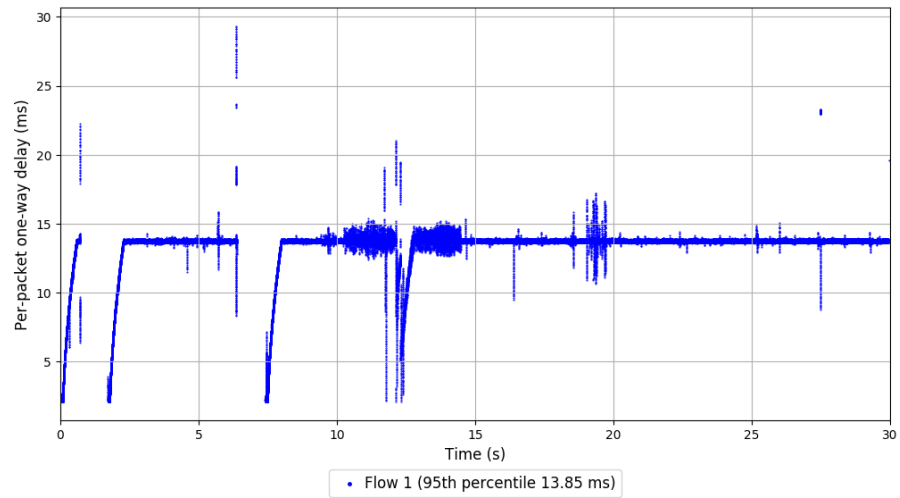
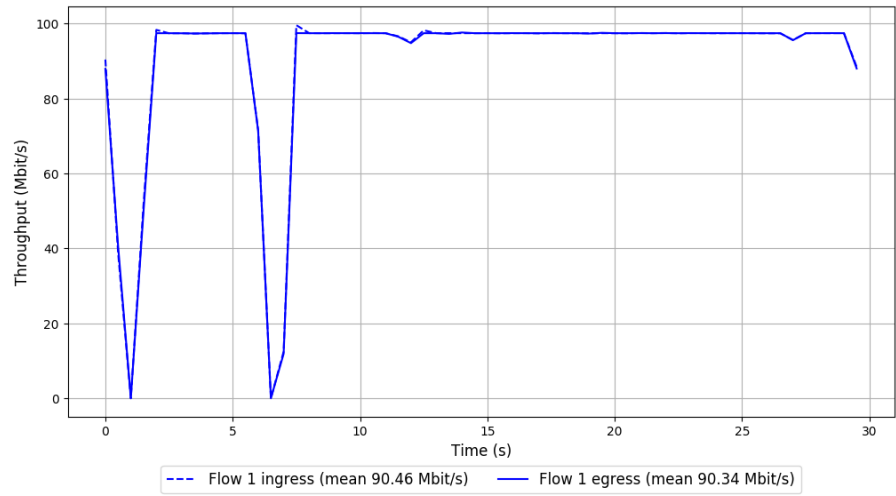
-- Flow 1:

Average throughput: 90.34 Mbit/s

95th percentile per-packet one-way delay: 13.851 ms

Loss rate: 0.14%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: Sun, 16 Jul 2017 23:19:49 +0000

End at: Sun, 16 Jul 2017 23:20:19 +0000

Local clock offset: -3.806 ms

Remote clock offset: 1.233 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:35:50 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.06 Mbit/s

95th percentile per-packet one-way delay: 13.816 ms

Loss rate: 0.21%

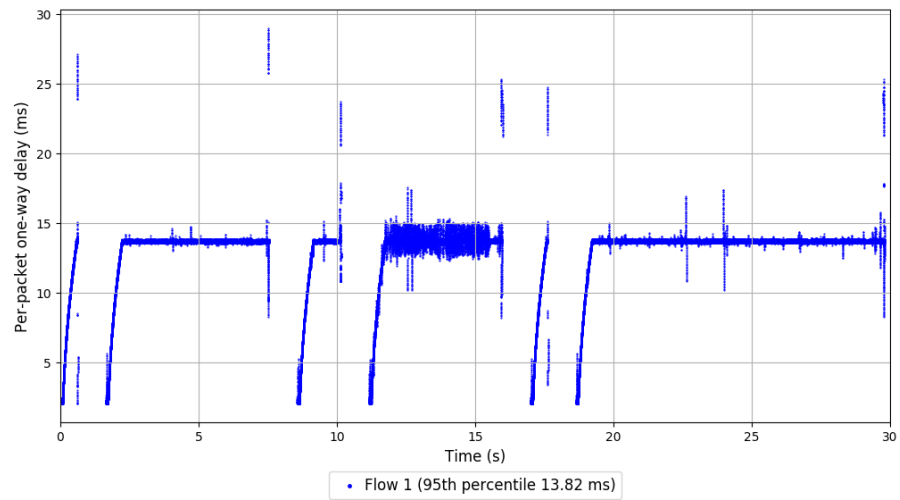
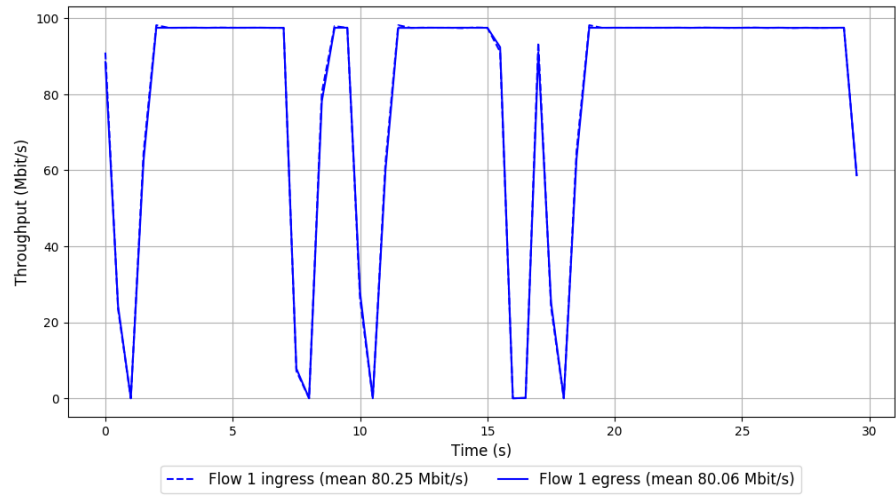
-- Flow 1:

Average throughput: 80.06 Mbit/s

95th percentile per-packet one-way delay: 13.816 ms

Loss rate: 0.21%

Run 5: Report of LEDBAT — Data Link



Run 6: Statistics of LEDBAT

Start at: Sun, 16 Jul 2017 23:36:47 +0000

End at: Sun, 16 Jul 2017 23:37:18 +0000

Local clock offset: -3.952 ms

Remote clock offset: 0.941 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:35:51 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 76.44 Mbit/s

95th percentile per-packet one-way delay: 13.814 ms

Loss rate: 0.26%

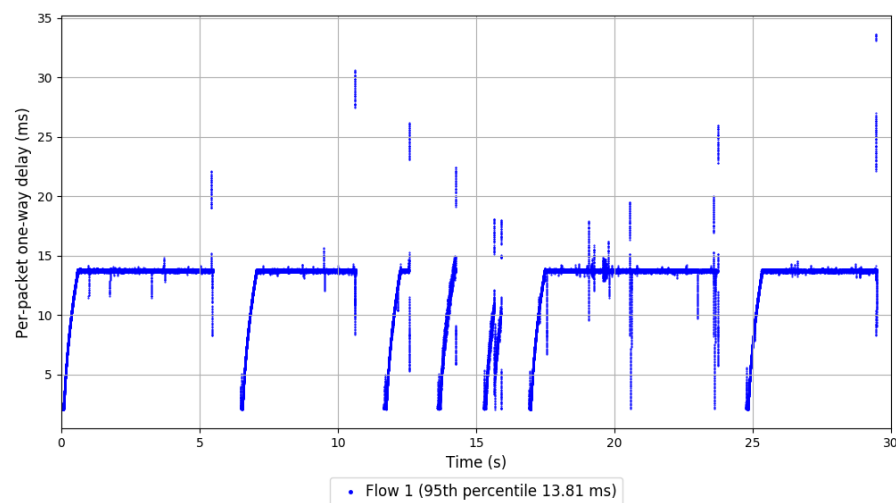
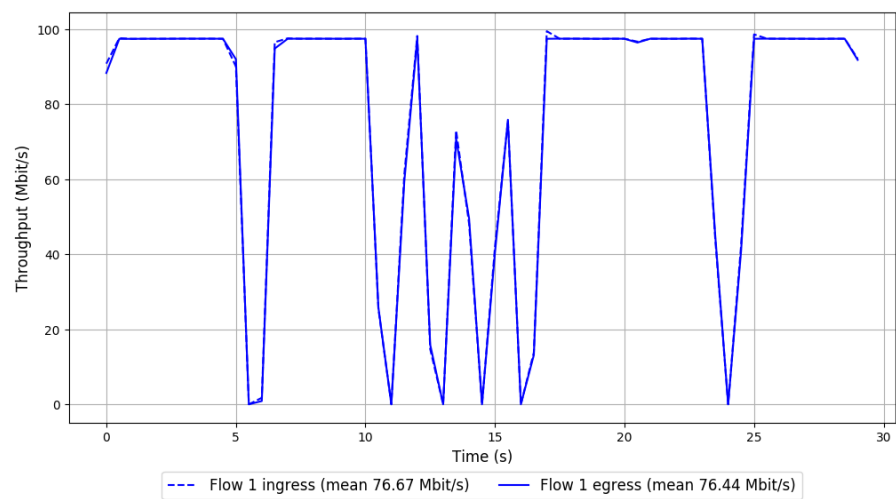
-- Flow 1:

Average throughput: 76.44 Mbit/s

95th percentile per-packet one-way delay: 13.814 ms

Loss rate: 0.26%

Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

Start at: Sun, 16 Jul 2017 23:53:45 +0000

End at: Sun, 16 Jul 2017 23:54:15 +0000

Local clock offset: -4.363 ms

Remote clock offset: 0.249 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:36:03 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.49 Mbit/s

95th percentile per-packet one-way delay: 13.772 ms

Loss rate: 0.23%

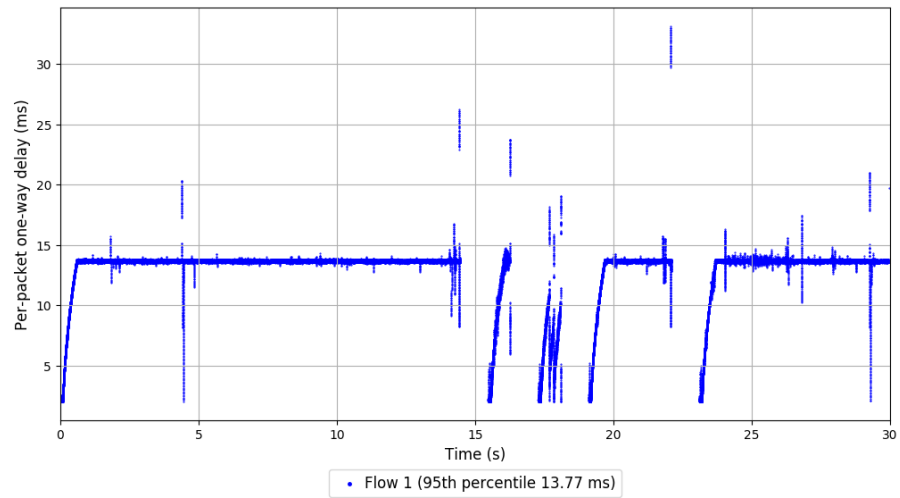
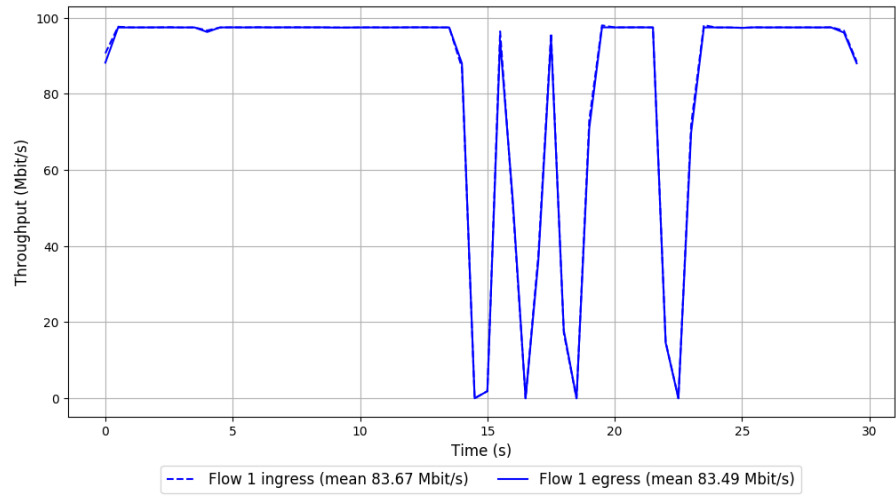
-- Flow 1:

Average throughput: 83.49 Mbit/s

95th percentile per-packet one-way delay: 13.772 ms

Loss rate: 0.23%

Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: Mon, 17 Jul 2017 00:10:44 +0000

End at: Mon, 17 Jul 2017 00:11:14 +0000

Local clock offset: -4.574 ms

Remote clock offset: -0.514 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:36:03 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.00 Mbit/s

95th percentile per-packet one-way delay: 13.818 ms

Loss rate: 0.15%

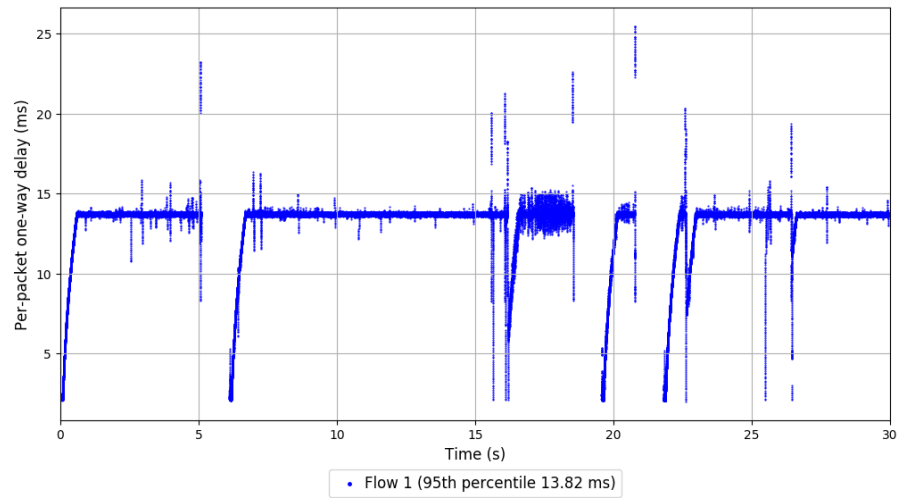
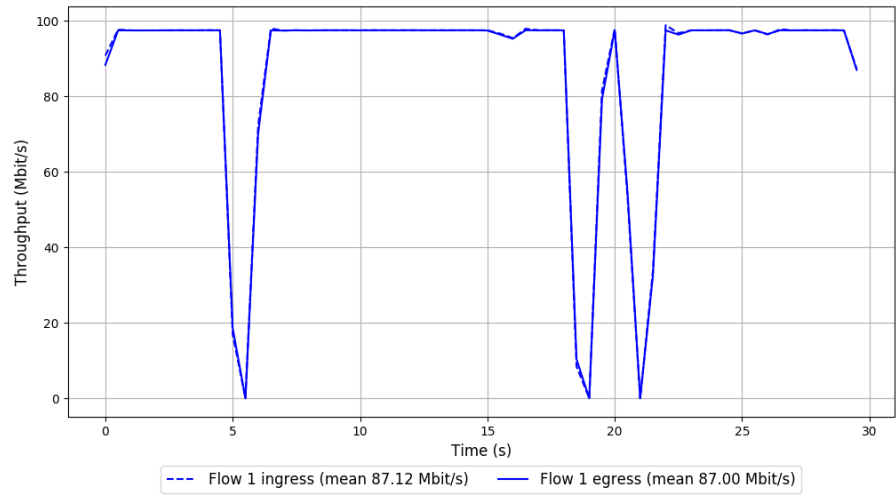
-- Flow 1:

Average throughput: 87.00 Mbit/s

95th percentile per-packet one-way delay: 13.818 ms

Loss rate: 0.15%

Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

Start at: Mon, 17 Jul 2017 00:27:42 +0000

End at: Mon, 17 Jul 2017 00:28:13 +0000

Local clock offset: -4.223 ms

Remote clock offset: -0.634 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:36:14 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.09 Mbit/s

95th percentile per-packet one-way delay: 13.832 ms

Loss rate: 0.24%

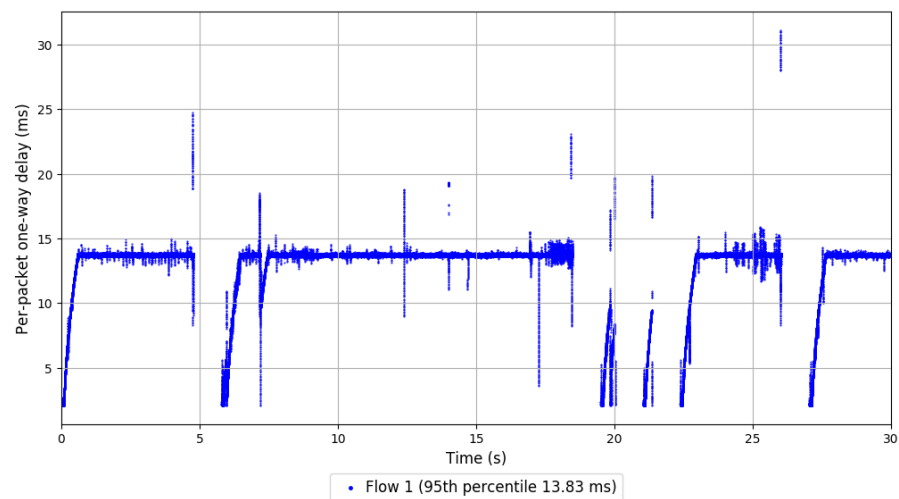
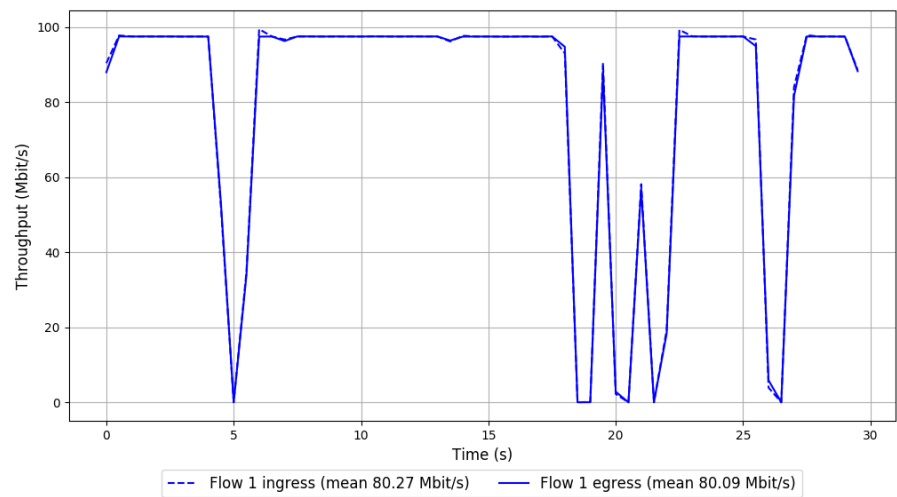
-- Flow 1:

Average throughput: 80.09 Mbit/s

95th percentile per-packet one-way delay: 13.832 ms

Loss rate: 0.24%

Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: Mon, 17 Jul 2017 00:44:41 +0000

End at: Mon, 17 Jul 2017 00:45:11 +0000

Local clock offset: -3.445 ms

Remote clock offset: -0.88 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:36:14 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.58 Mbit/s

95th percentile per-packet one-way delay: 13.775 ms

Loss rate: 0.25%

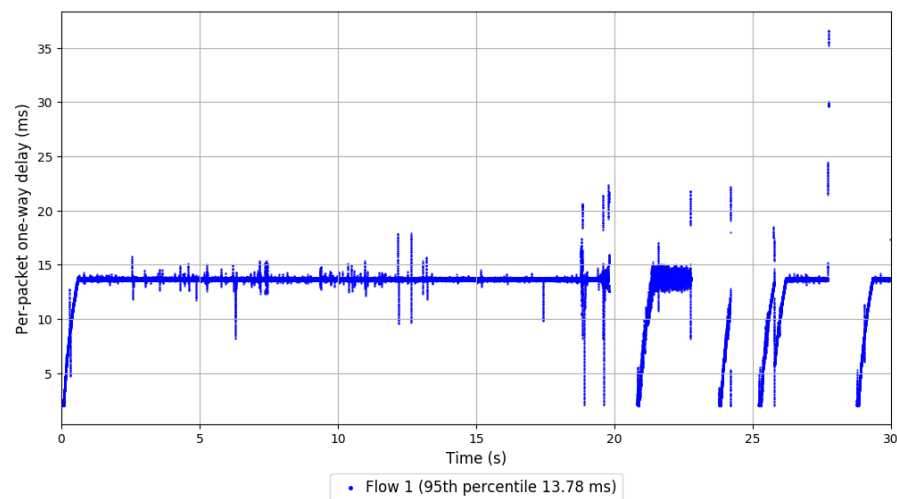
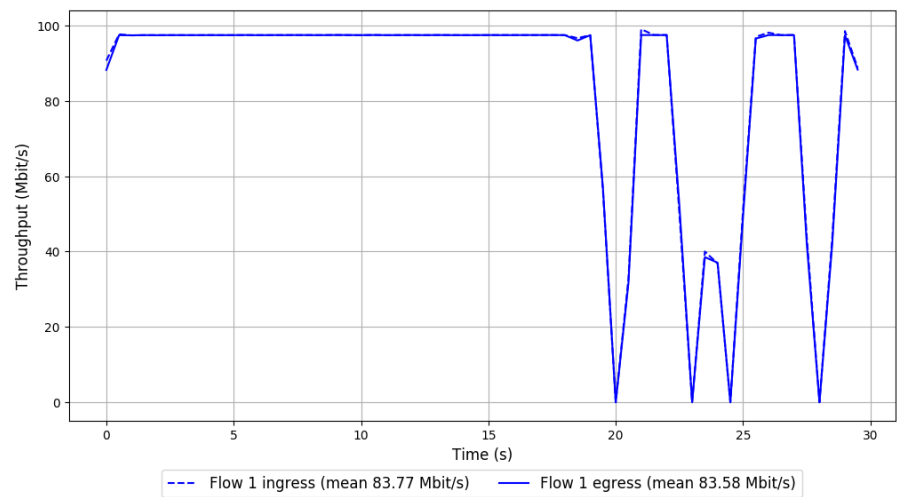
-- Flow 1:

Average throughput: 83.58 Mbit/s

95th percentile per-packet one-way delay: 13.775 ms

Loss rate: 0.25%

Run 10: Report of LEDBAT — Data Link



Run 1: Statistics of PCC

Start at: Sun, 16 Jul 2017 22:10:49 +0000

End at: Sun, 16 Jul 2017 22:11:19 +0000

Local clock offset: -3.354 ms

Remote clock offset: 1.336 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:36:23 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.78 Mbit/s

95th percentile per-packet one-way delay: 3.501 ms

Loss rate: 0.10%

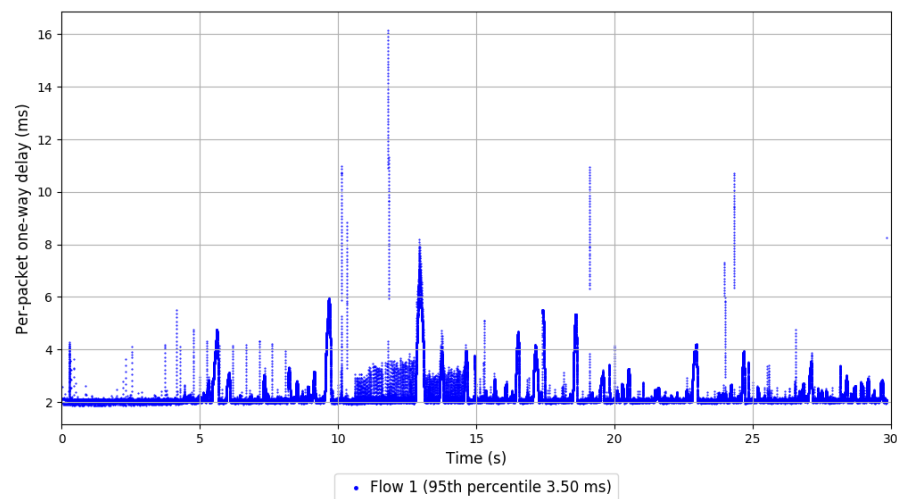
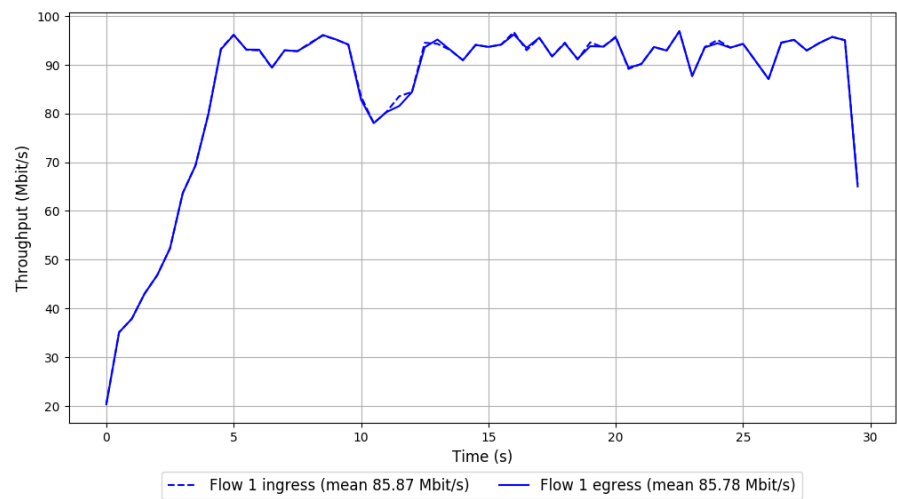
-- Flow 1:

Average throughput: 85.78 Mbit/s

95th percentile per-packet one-way delay: 3.501 ms

Loss rate: 0.10%

Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

Start at: Sun, 16 Jul 2017 22:27:48 +0000

End at: Sun, 16 Jul 2017 22:28:18 +0000

Local clock offset: -3.451 ms

Remote clock offset: 1.413 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:36:27 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.68 Mbit/s

95th percentile per-packet one-way delay: 3.198 ms

Loss rate: 0.08%

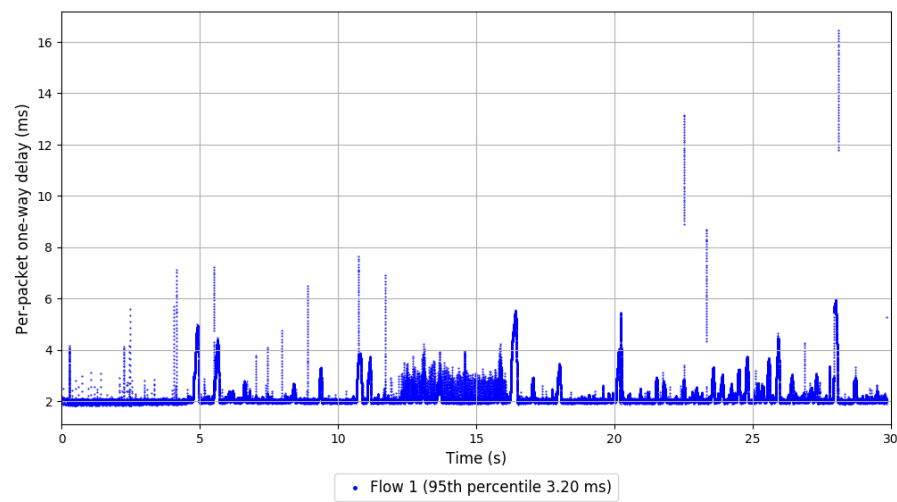
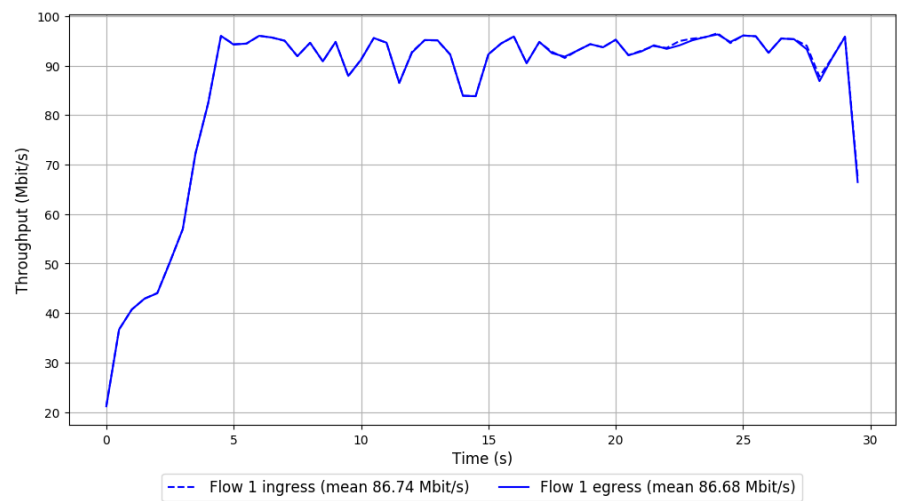
-- Flow 1:

Average throughput: 86.68 Mbit/s

95th percentile per-packet one-way delay: 3.198 ms

Loss rate: 0.08%

Run 2: Report of PCC — Data Link



Run 3: Statistics of PCC

Start at: Sun, 16 Jul 2017 22:44:40 +0000

End at: Sun, 16 Jul 2017 22:45:10 +0000

Local clock offset: -3.288 ms

Remote clock offset: 1.025 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:36:38 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.63 Mbit/s

95th percentile per-packet one-way delay: 2.995 ms

Loss rate: 0.29%

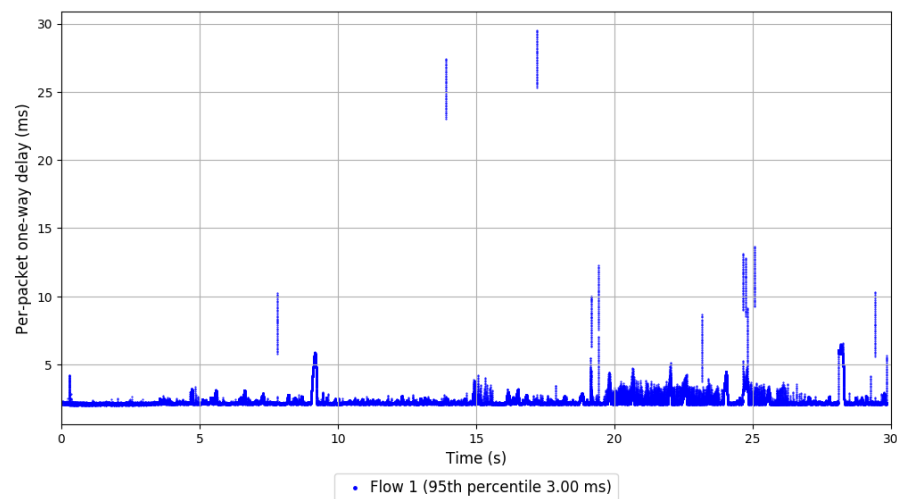
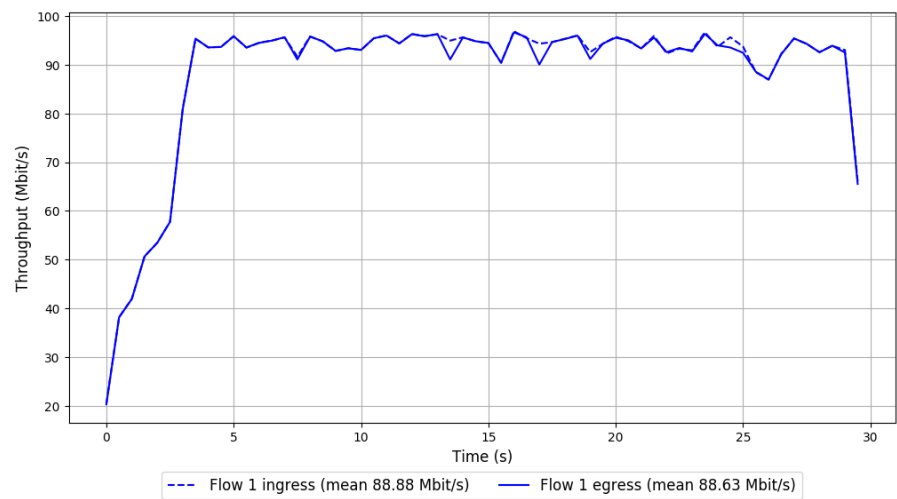
-- Flow 1:

Average throughput: 88.63 Mbit/s

95th percentile per-packet one-way delay: 2.995 ms

Loss rate: 0.29%

Run 3: Report of PCC — Data Link



Run 4: Statistics of PCC

Start at: Sun, 16 Jul 2017 23:01:43 +0000

End at: Sun, 16 Jul 2017 23:02:13 +0000

Local clock offset: -3.621 ms

Remote clock offset: 0.793 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:36:39 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.54 Mbit/s

95th percentile per-packet one-way delay: 7.605 ms

Loss rate: 0.12%

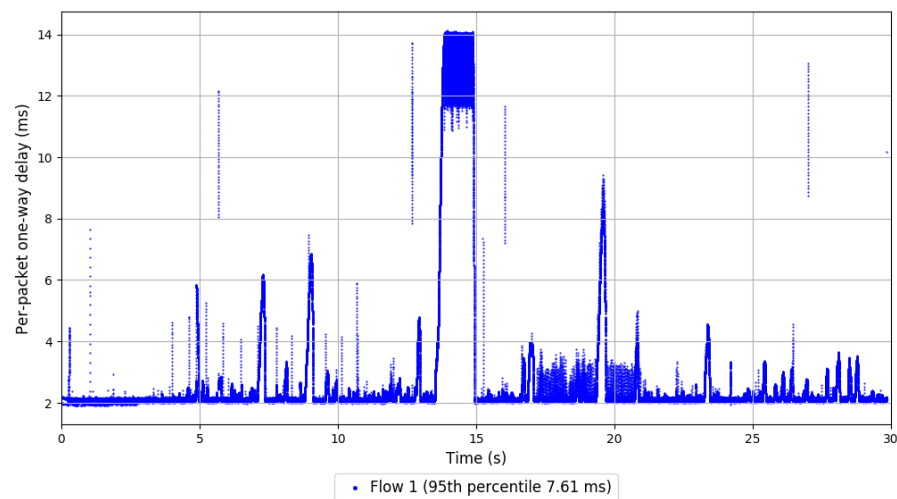
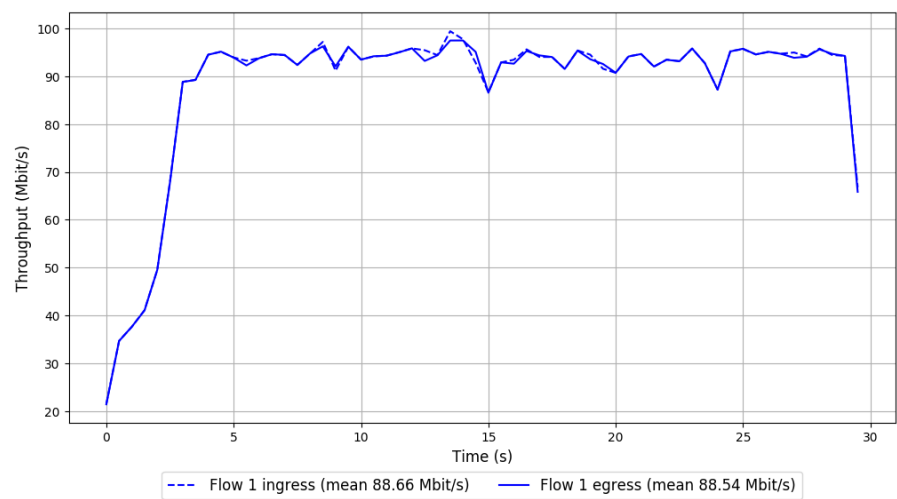
-- Flow 1:

Average throughput: 88.54 Mbit/s

95th percentile per-packet one-way delay: 7.605 ms

Loss rate: 0.12%

Run 4: Report of PCC — Data Link



Run 5: Statistics of PCC

Start at: Sun, 16 Jul 2017 23:18:42 +0000

End at: Sun, 16 Jul 2017 23:19:12 +0000

Local clock offset: -3.79 ms

Remote clock offset: 1.262 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:36:51 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.51 Mbit/s

95th percentile per-packet one-way delay: 2.969 ms

Loss rate: 0.21%

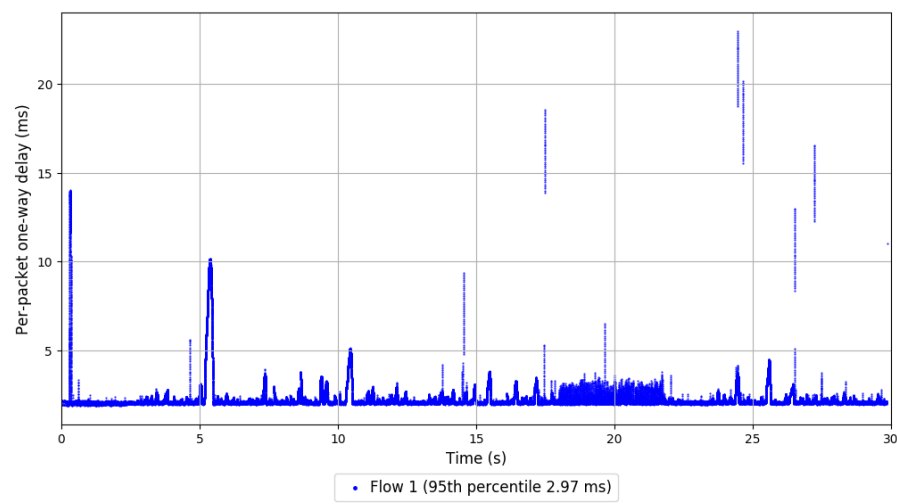
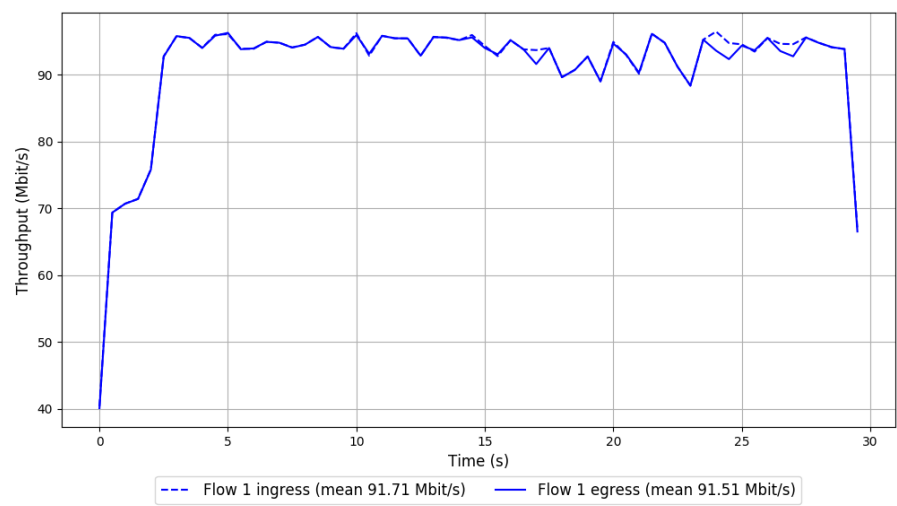
-- Flow 1:

Average throughput: 91.51 Mbit/s

95th percentile per-packet one-way delay: 2.969 ms

Loss rate: 0.21%

Run 5: Report of PCC — Data Link



Run 6: Statistics of PCC

Start at: Sun, 16 Jul 2017 23:35:40 +0000

End at: Sun, 16 Jul 2017 23:36:10 +0000

Local clock offset: -3.953 ms

Remote clock offset: 0.982 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:36:52 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.12 Mbit/s

95th percentile per-packet one-way delay: 3.319 ms

Loss rate: 0.14%

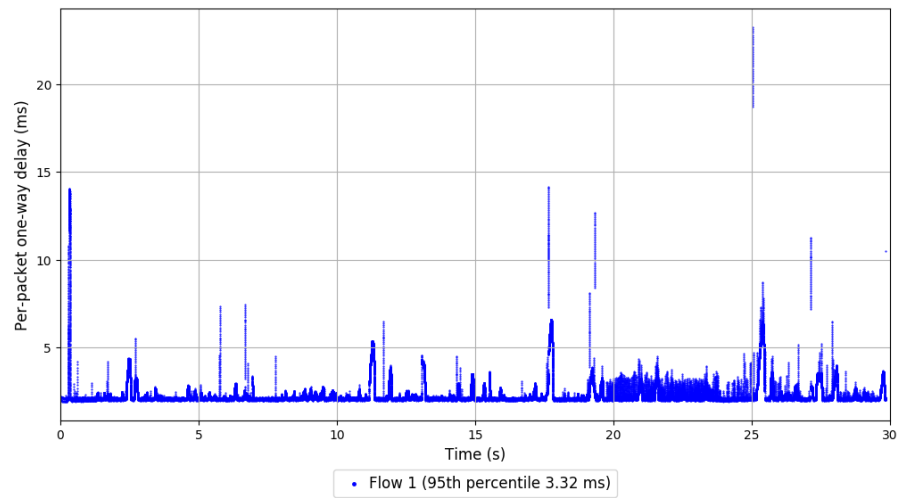
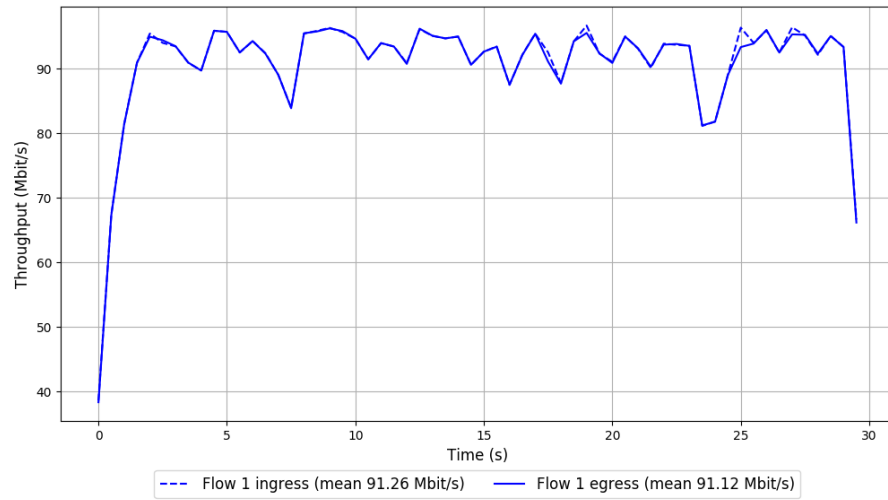
-- Flow 1:

Average throughput: 91.12 Mbit/s

95th percentile per-packet one-way delay: 3.319 ms

Loss rate: 0.14%

Run 6: Report of PCC — Data Link



Run 7: Statistics of PCC

Start at: Sun, 16 Jul 2017 23:52:38 +0000

End at: Sun, 16 Jul 2017 23:53:08 +0000

Local clock offset: -4.233 ms

Remote clock offset: 0.312 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:37:03 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.53 Mbit/s

95th percentile per-packet one-way delay: 2.820 ms

Loss rate: 0.25%

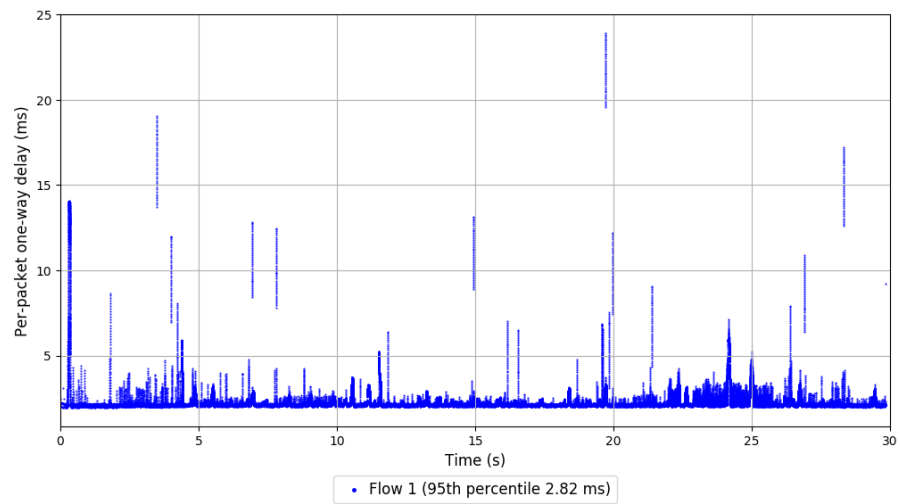
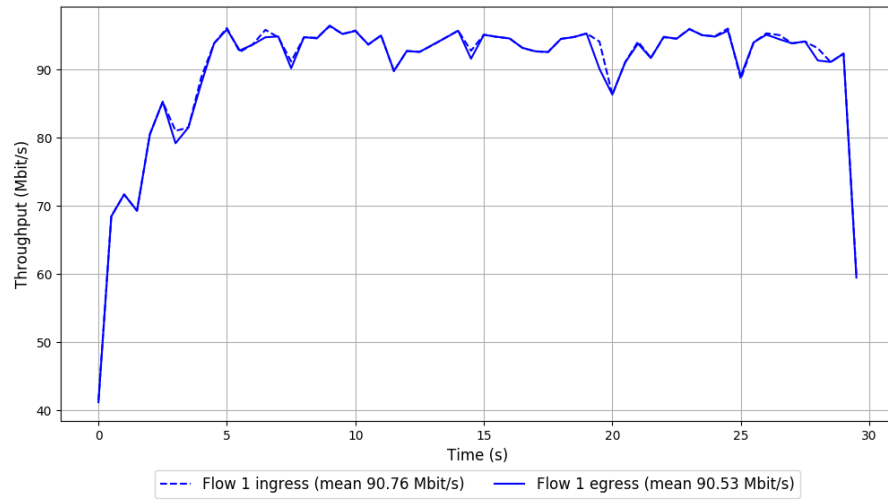
-- Flow 1:

Average throughput: 90.53 Mbit/s

95th percentile per-packet one-way delay: 2.820 ms

Loss rate: 0.25%

Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

Start at: Mon, 17 Jul 2017 00:09:37 +0000

End at: Mon, 17 Jul 2017 00:10:07 +0000

Local clock offset: -4.468 ms

Remote clock offset: -0.47 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:37:04 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.61 Mbit/s

95th percentile per-packet one-way delay: 3.418 ms

Loss rate: 0.31%

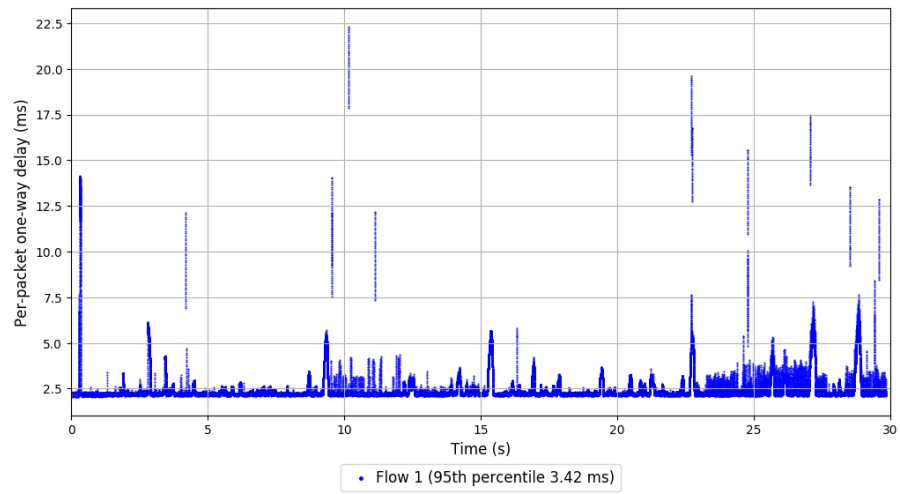
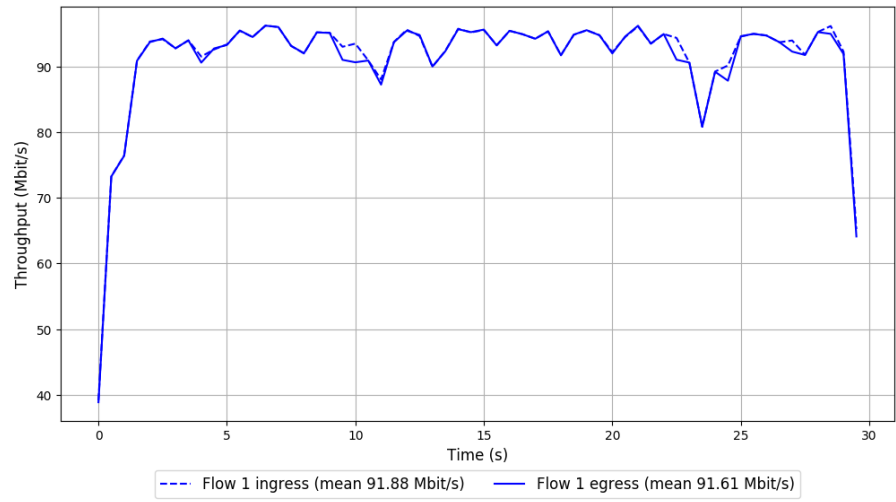
-- Flow 1:

Average throughput: 91.61 Mbit/s

95th percentile per-packet one-way delay: 3.418 ms

Loss rate: 0.31%

Run 8: Report of PCC — Data Link



Run 9: Statistics of PCC

Start at: Mon, 17 Jul 2017 00:26:35 +0000

End at: Mon, 17 Jul 2017 00:27:05 +0000

Local clock offset: -4.233 ms

Remote clock offset: -0.675 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:37:18 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.17 Mbit/s

95th percentile per-packet one-way delay: 3.162 ms

Loss rate: 0.06%

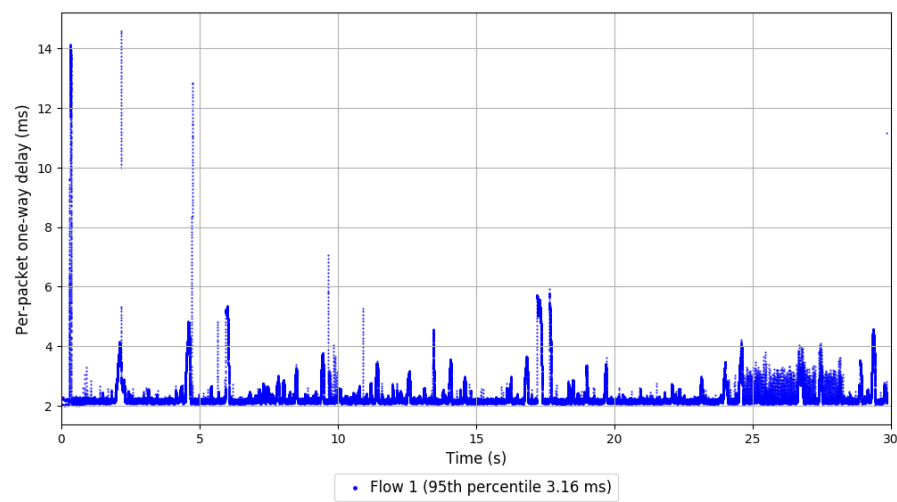
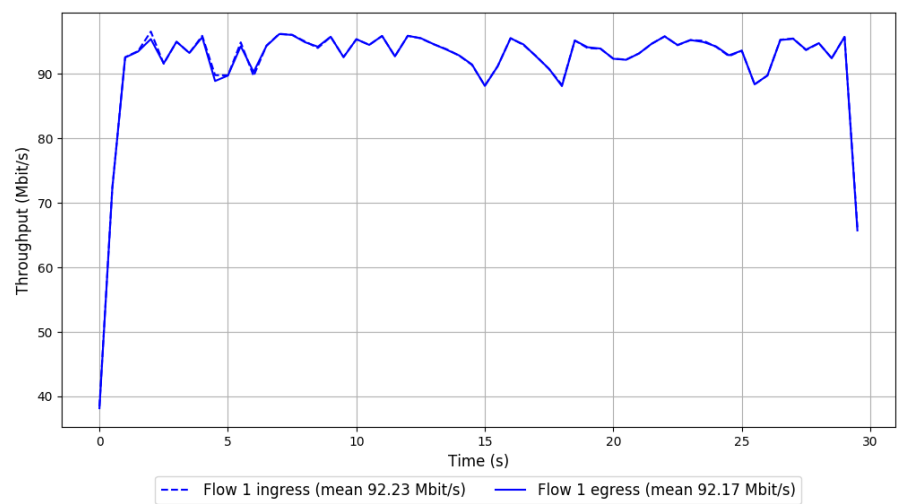
-- Flow 1:

Average throughput: 92.17 Mbit/s

95th percentile per-packet one-way delay: 3.162 ms

Loss rate: 0.06%

Run 9: Report of PCC — Data Link



Run 10: Statistics of PCC

Start at: Mon, 17 Jul 2017 00:43:33 +0000

End at: Mon, 17 Jul 2017 00:44:03 +0000

Local clock offset: -3.522 ms

Remote clock offset: -0.847 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:37:18 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.80 Mbit/s

95th percentile per-packet one-way delay: 3.485 ms

Loss rate: 0.22%

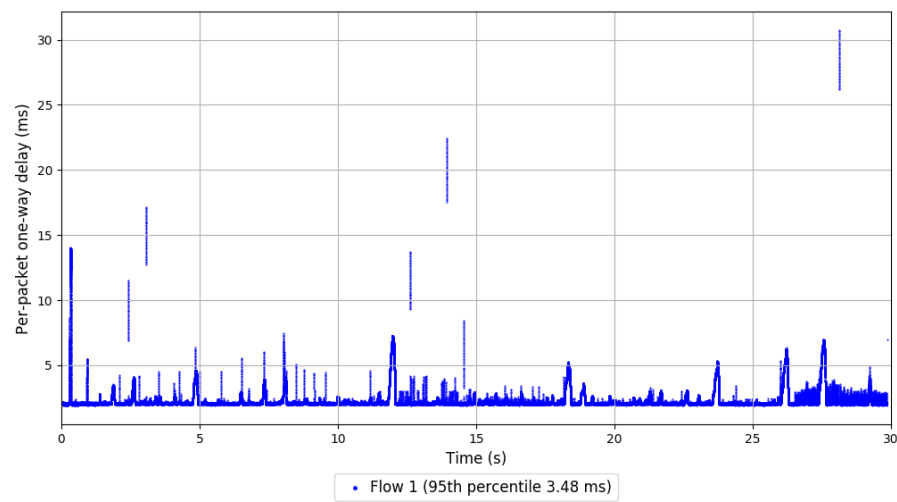
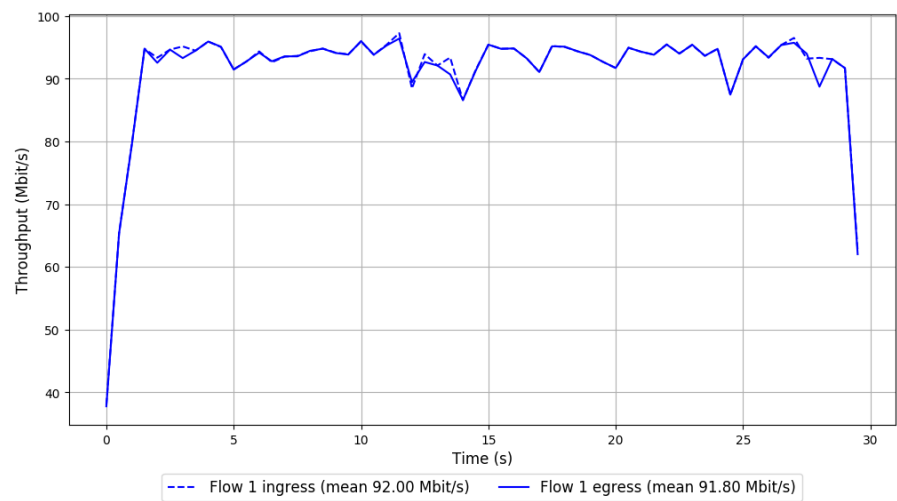
-- Flow 1:

Average throughput: 91.80 Mbit/s

95th percentile per-packet one-way delay: 3.485 ms

Loss rate: 0.22%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

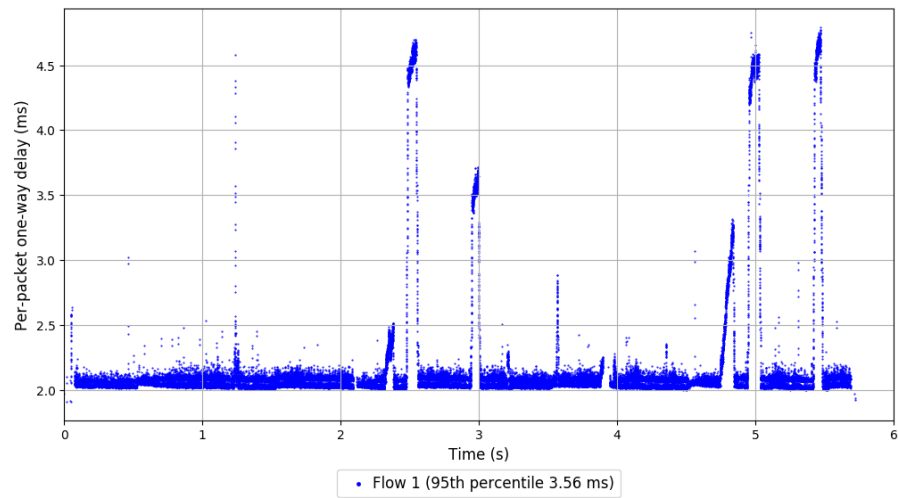
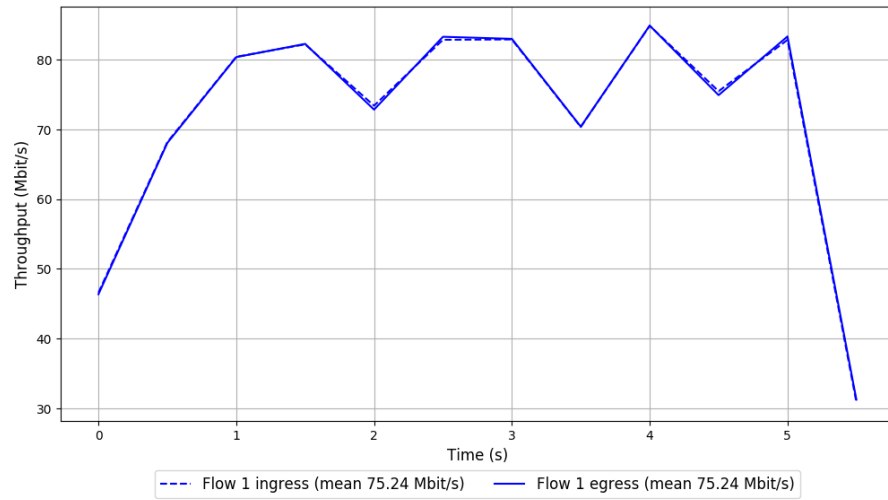
Start at: Sun, 16 Jul 2017 22:00:36 +0000

End at: Sun, 16 Jul 2017 22:01:06 +0000

Local clock offset: -3.446 ms

Remote clock offset: 1.27 ms

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

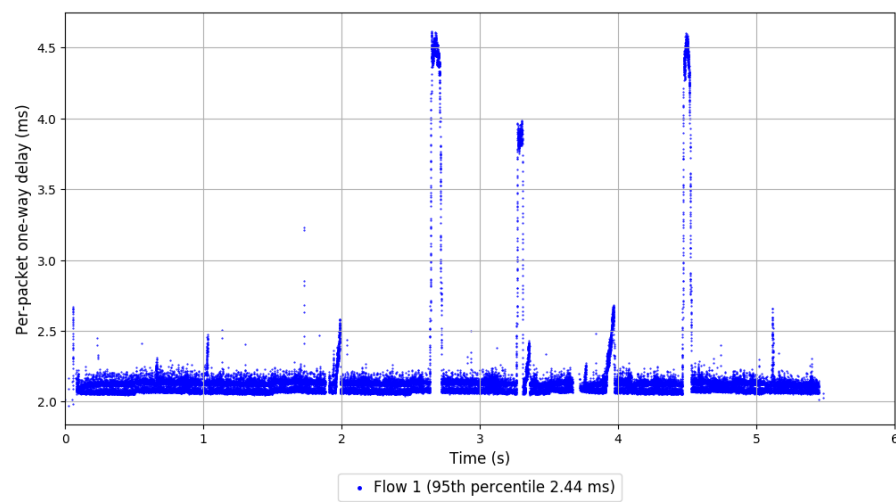
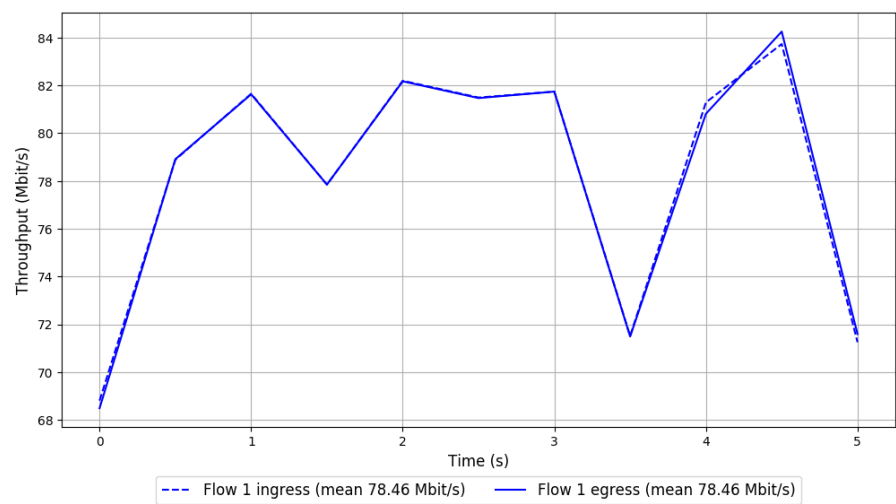
Start at: Sun, 16 Jul 2017 22:17:34 +0000

End at: Sun, 16 Jul 2017 22:18:04 +0000

Local clock offset: -3.405 ms

Remote clock offset: 1.376 ms

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

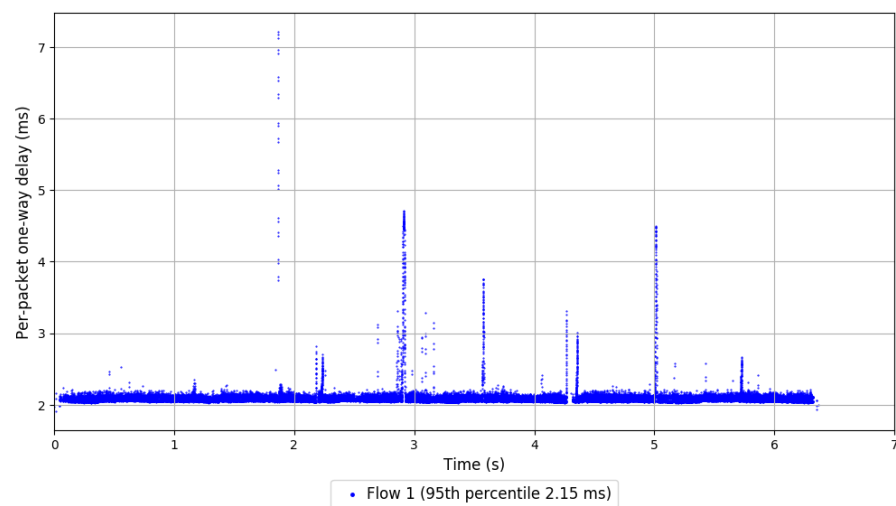
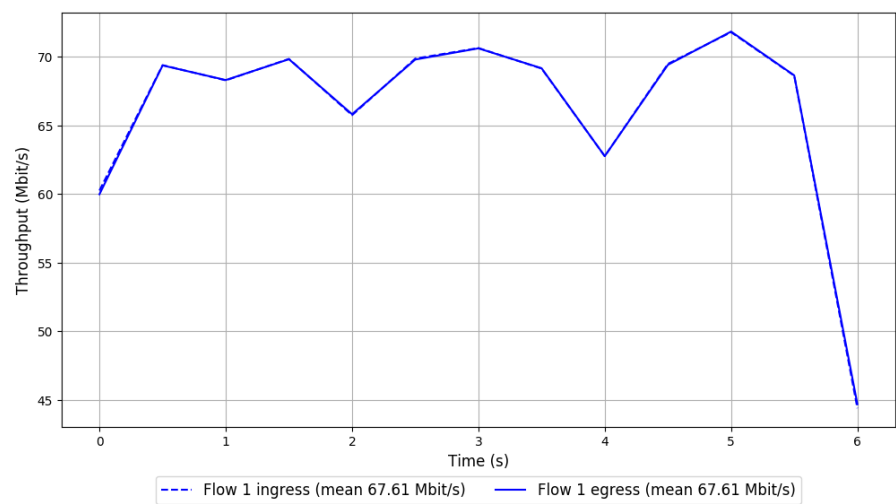
Start at: Sun, 16 Jul 2017 22:34:33 +0000

End at: Sun, 16 Jul 2017 22:35:03 +0000

Local clock offset: -3.43 ms

Remote clock offset: 1.302 ms

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

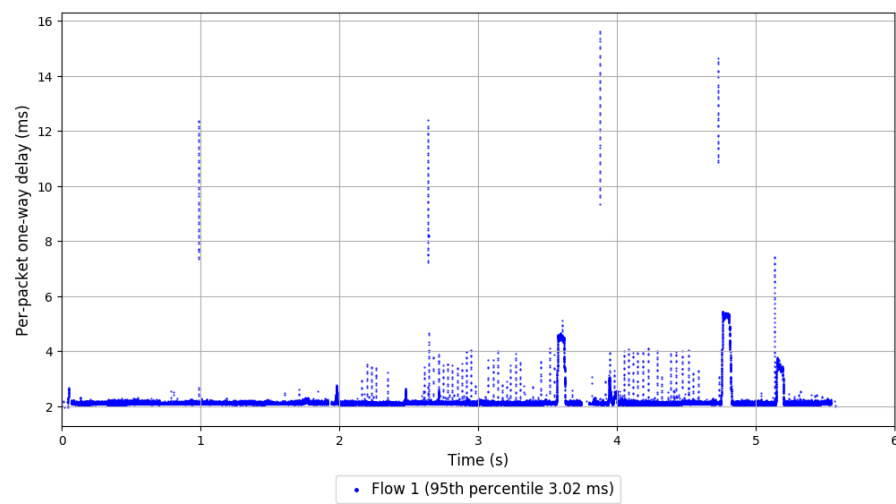
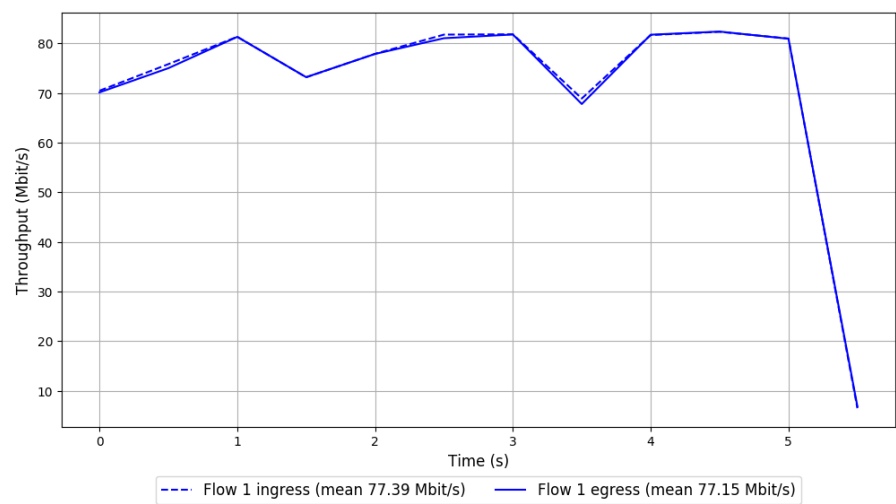
Start at: Sun, 16 Jul 2017 22:51:25 +0000

End at: Sun, 16 Jul 2017 22:51:55 +0000

Local clock offset: -3.58 ms

Remote clock offset: 0.73 ms

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

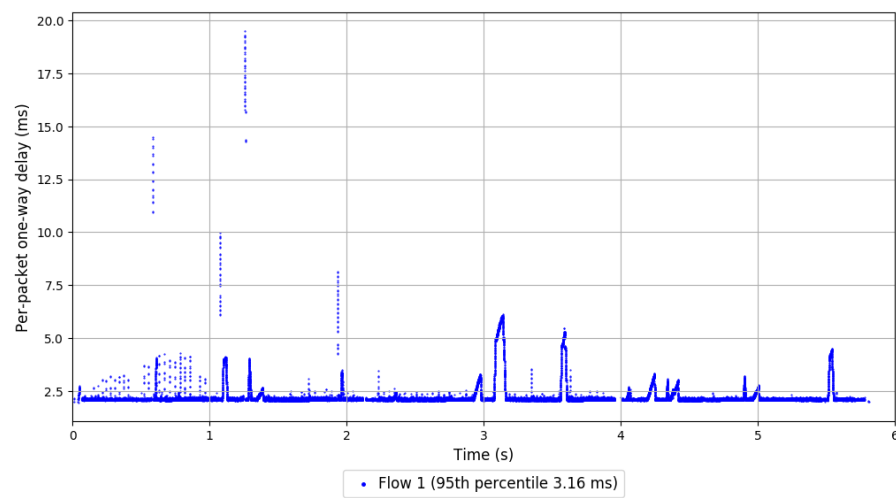
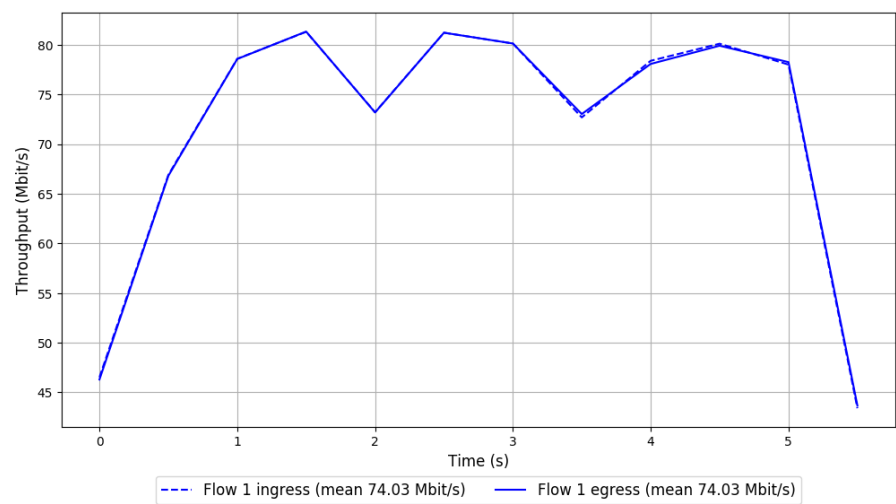
Start at: Sun, 16 Jul 2017 23:08:28 +0000

End at: Sun, 16 Jul 2017 23:08:58 +0000

Local clock offset: -3.625 ms

Remote clock offset: 1.06 ms

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

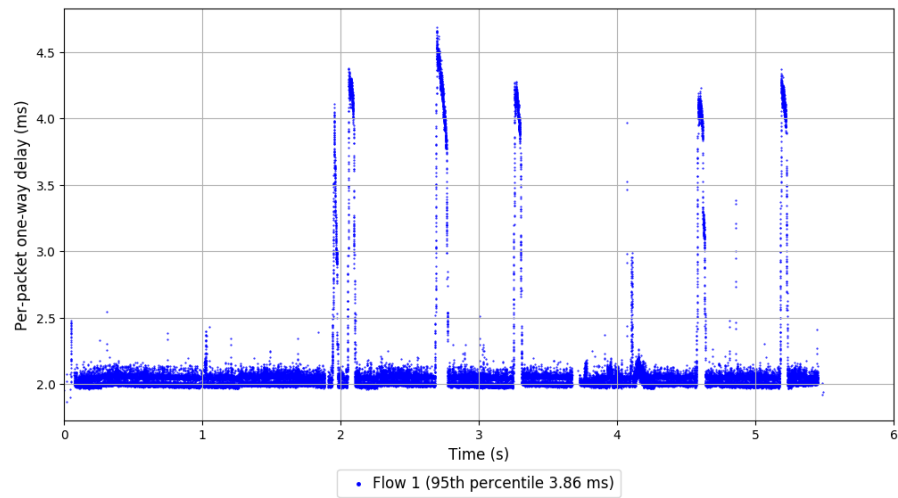
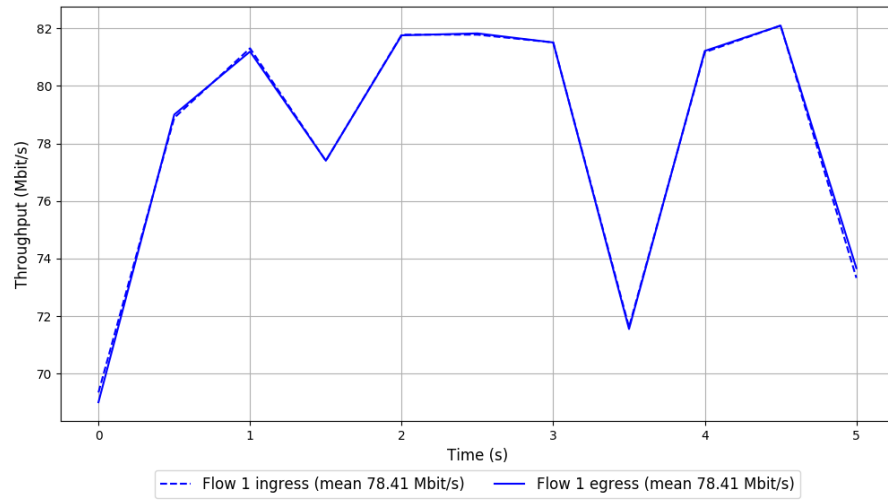
Start at: Sun, 16 Jul 2017 23:25:26 +0000

End at: Sun, 16 Jul 2017 23:25:56 +0000

Local clock offset: -3.93 ms

Remote clock offset: 1.204 ms

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

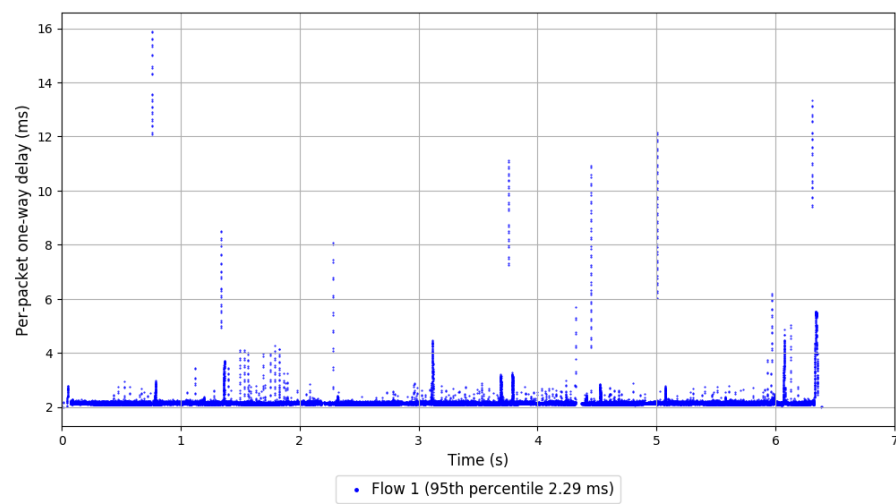
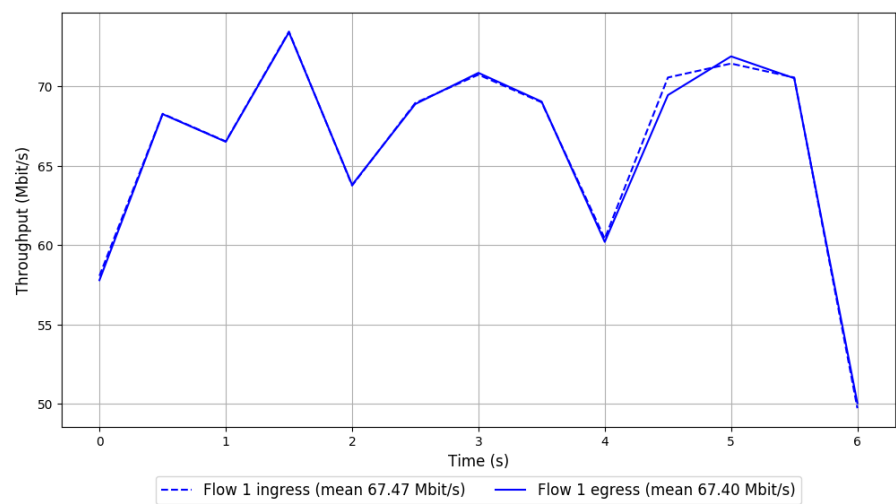
Start at: Sun, 16 Jul 2017 23:42:24 +0000

End at: Sun, 16 Jul 2017 23:42:54 +0000

Local clock offset: -4.054 ms

Remote clock offset: 0.702 ms

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

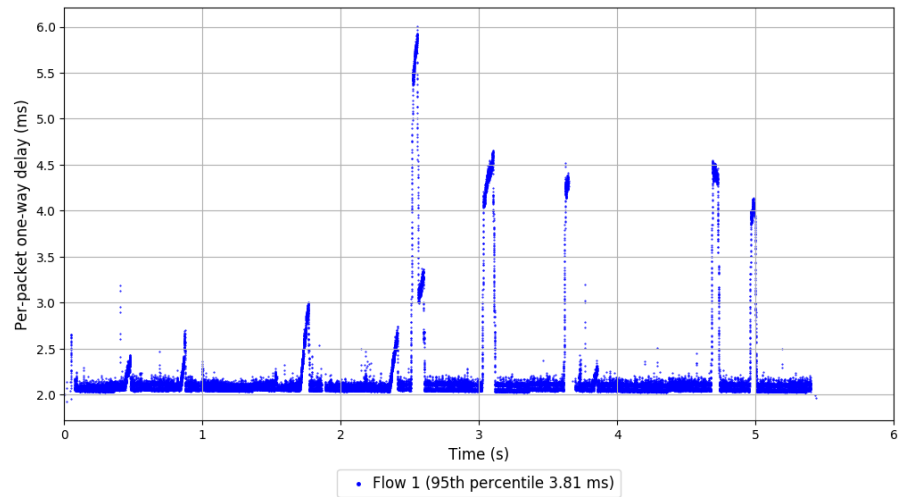
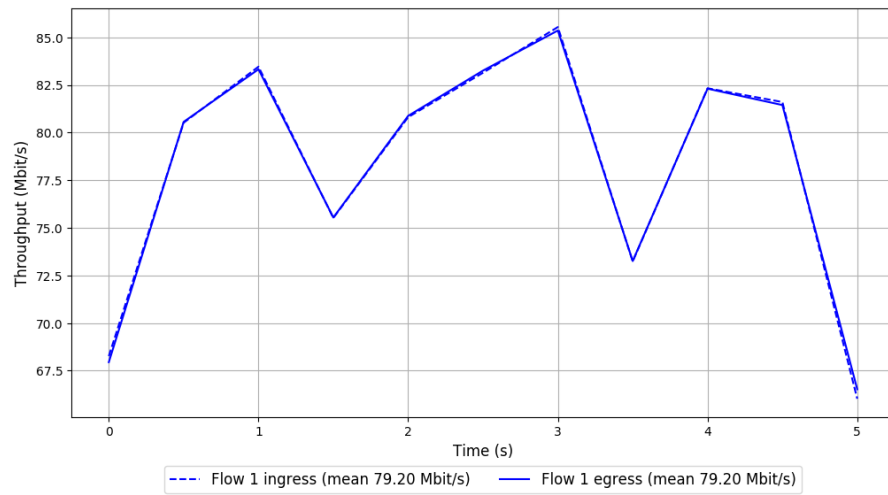
Start at: Sun, 16 Jul 2017 23:59:22 +0000

End at: Sun, 16 Jul 2017 23:59:52 +0000

Local clock offset: -4.338 ms

Remote clock offset: 0.107 ms

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

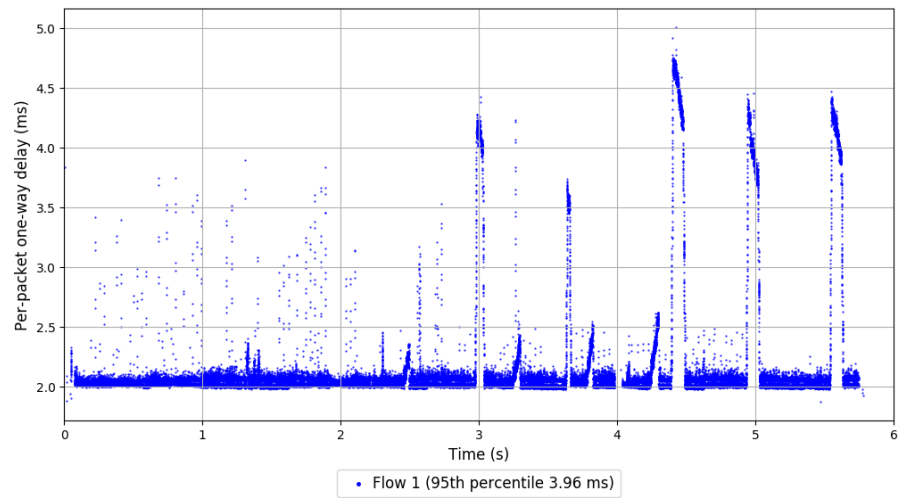
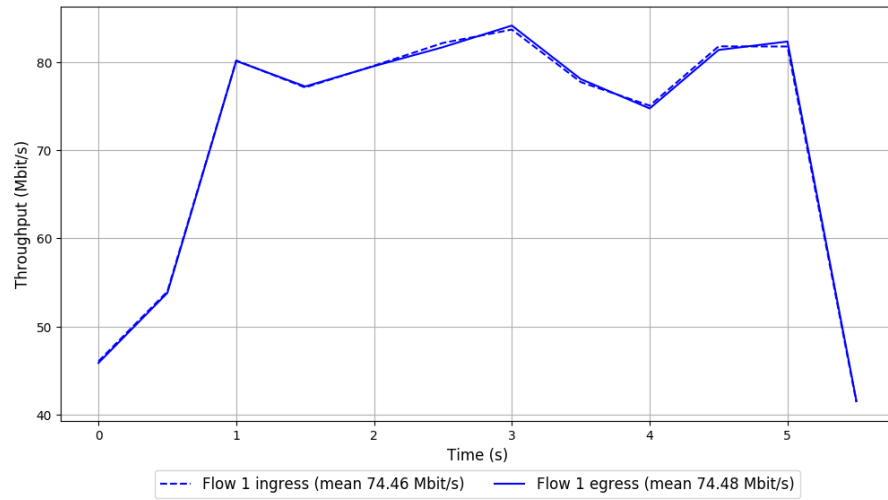
Start at: Mon, 17 Jul 2017 00:16:21 +0000

End at: Mon, 17 Jul 2017 00:16:51 +0000

Local clock offset: -4.528 ms

Remote clock offset: -0.589 ms

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

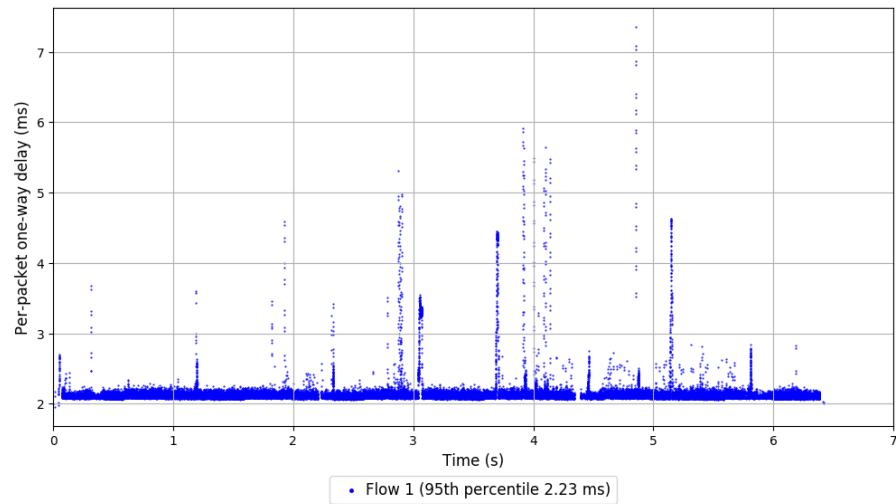
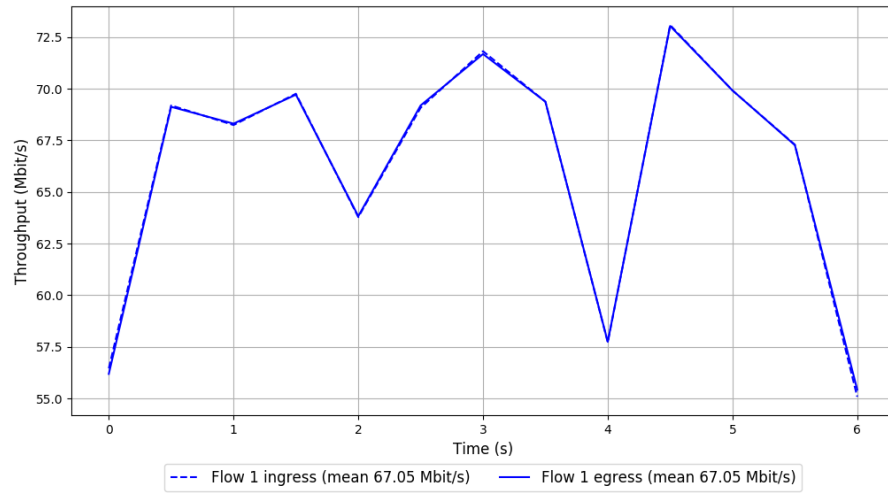
Start at: Mon, 17 Jul 2017 00:33:19 +0000

End at: Mon, 17 Jul 2017 00:33:49 +0000

Local clock offset: -4.003 ms

Remote clock offset: -0.656 ms

Run 10: Report of QUIC Cubic — Data Link



Run 1: Statistics of Saturator

Start at: Sun, 16 Jul 2017 22:06:12 +0000

End at: Sun, 16 Jul 2017 22:06:42 +0000

Local clock offset: -3.331 ms

Remote clock offset: 1.25 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:37:40 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.46 Mbit/s

95th percentile per-packet one-way delay: 14.118 ms

Loss rate: 0.10%

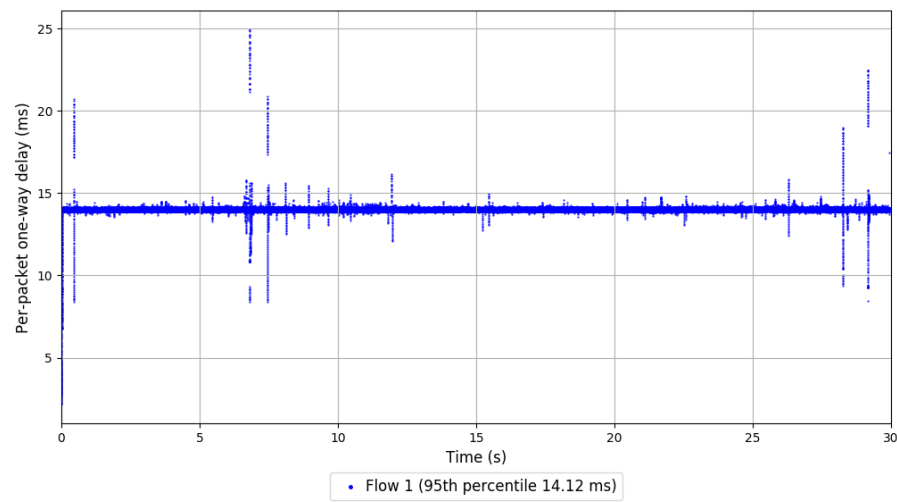
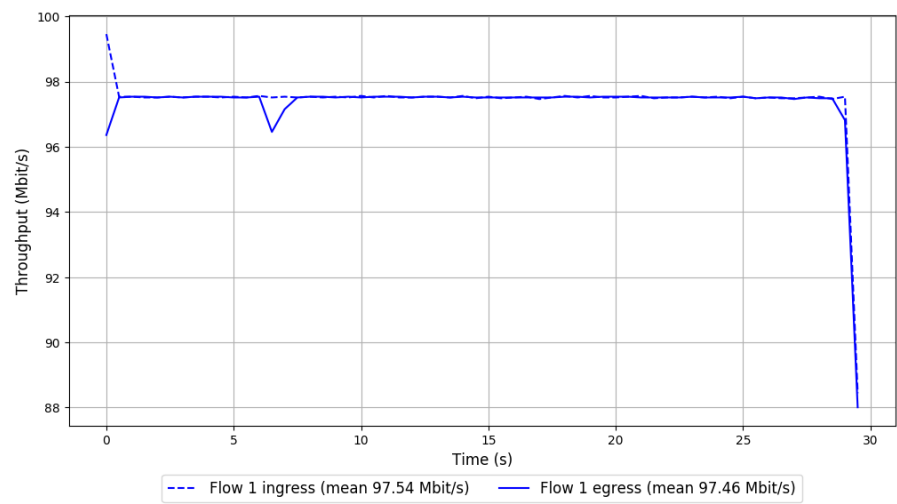
-- Flow 1:

Average throughput: 97.46 Mbit/s

95th percentile per-packet one-way delay: 14.118 ms

Loss rate: 0.10%

Run 1: Report of Saturator — Data Link



Run 2: Statistics of Saturator

Start at: Sun, 16 Jul 2017 22:23:10 +0000

End at: Sun, 16 Jul 2017 22:23:40 +0000

Local clock offset: -3.384 ms

Remote clock offset: 1.43 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:37:45 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.27 Mbit/s

95th percentile per-packet one-way delay: 14.124 ms

Loss rate: 0.22%

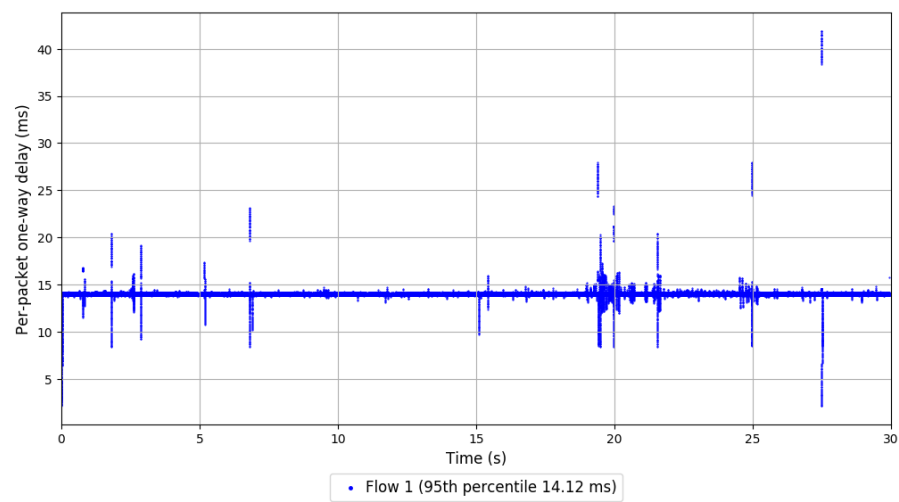
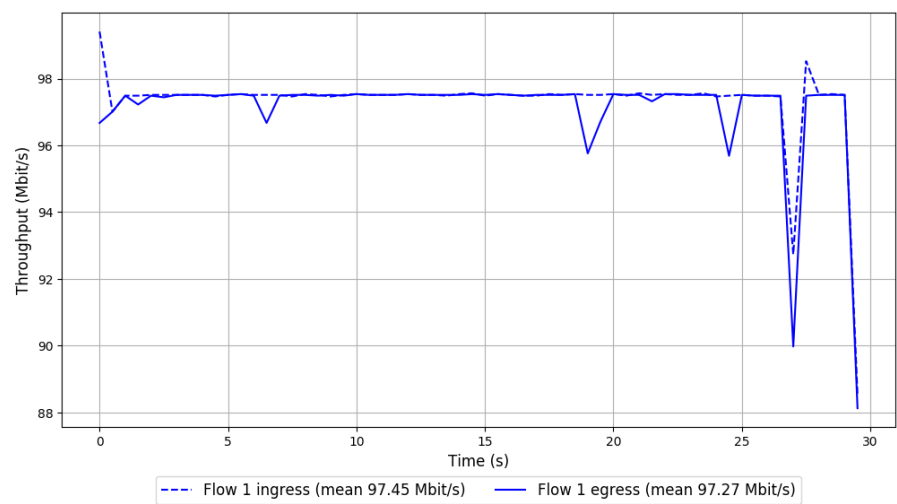
-- Flow 1:

Average throughput: 97.27 Mbit/s

95th percentile per-packet one-way delay: 14.124 ms

Loss rate: 0.22%

Run 2: Report of Saturator — Data Link



Run 3: Statistics of Saturator

Start at: Sun, 16 Jul 2017 22:40:03 +0000

End at: Sun, 16 Jul 2017 22:40:33 +0000

Local clock offset: -3.423 ms

Remote clock offset: 1.131 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:37:53 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.29 Mbit/s

95th percentile per-packet one-way delay: 14.087 ms

Loss rate: 0.24%

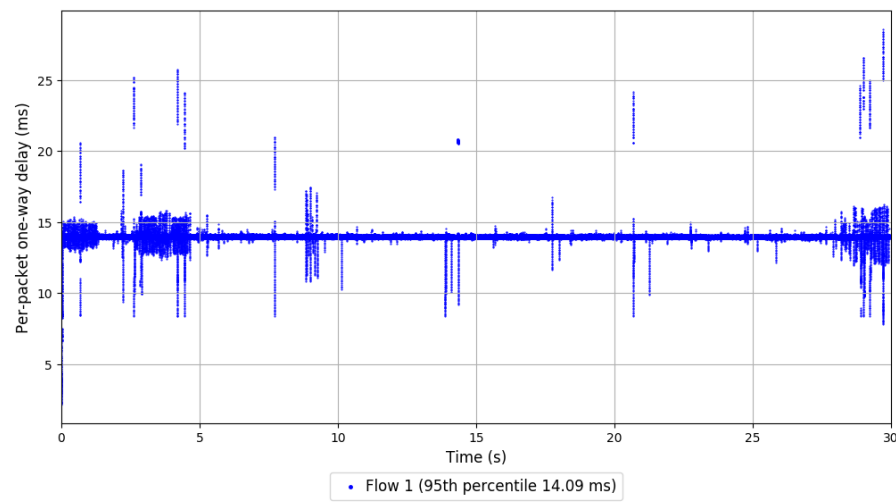
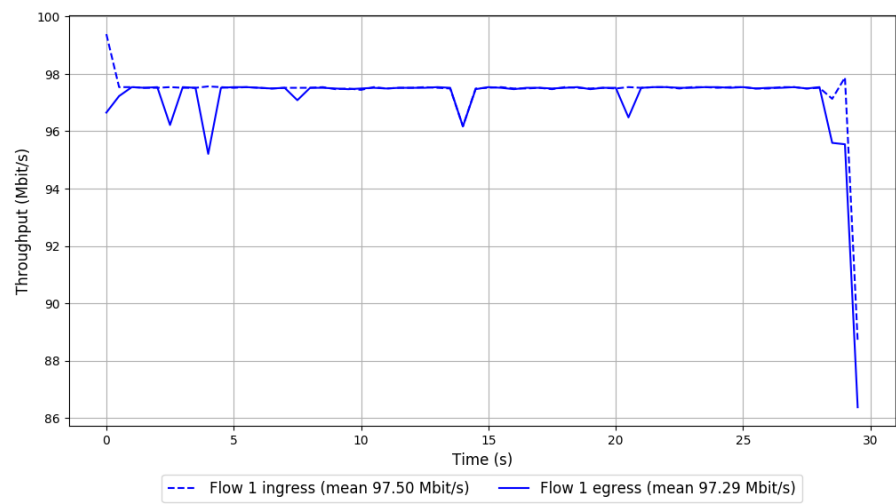
-- Flow 1:

Average throughput: 97.29 Mbit/s

95th percentile per-packet one-way delay: 14.087 ms

Loss rate: 0.24%

Run 3: Report of Saturator — Data Link



Run 4: Statistics of Saturator

Start at: Sun, 16 Jul 2017 22:57:05 +0000

End at: Sun, 16 Jul 2017 22:57:35 +0000

Local clock offset: -3.579 ms

Remote clock offset: 0.752 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:37:58 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.41 Mbit/s

95th percentile per-packet one-way delay: 14.117 ms

Loss rate: 0.15%

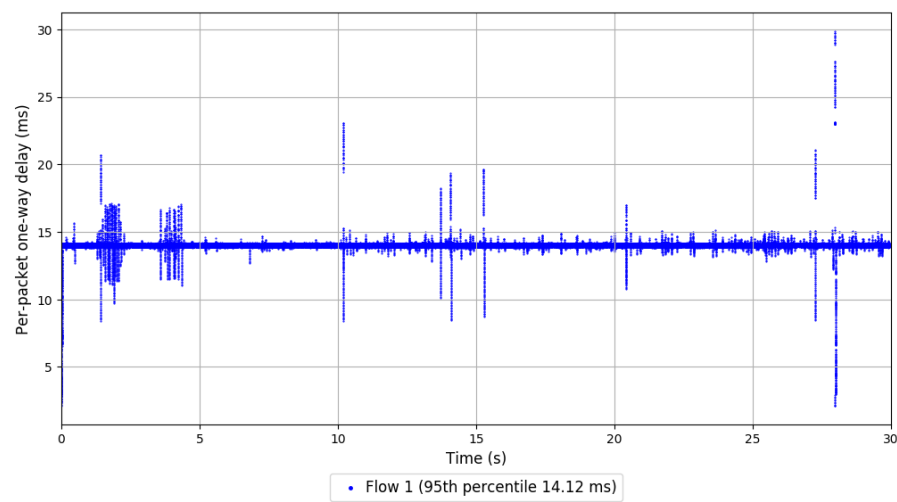
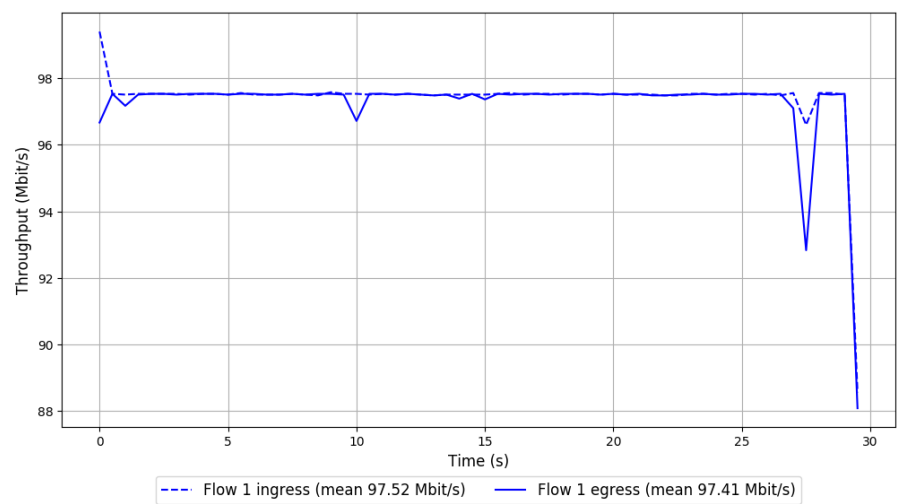
-- Flow 1:

Average throughput: 97.41 Mbit/s

95th percentile per-packet one-way delay: 14.117 ms

Loss rate: 0.15%

Run 4: Report of Saturator — Data Link



Run 5: Statistics of Saturator

Start at: Sun, 16 Jul 2017 23:14:05 +0000

End at: Sun, 16 Jul 2017 23:14:35 +0000

Local clock offset: -3.726 ms

Remote clock offset: 1.097 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:38:05 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.15 Mbit/s

95th percentile per-packet one-way delay: 14.168 ms

Loss rate: 0.32%

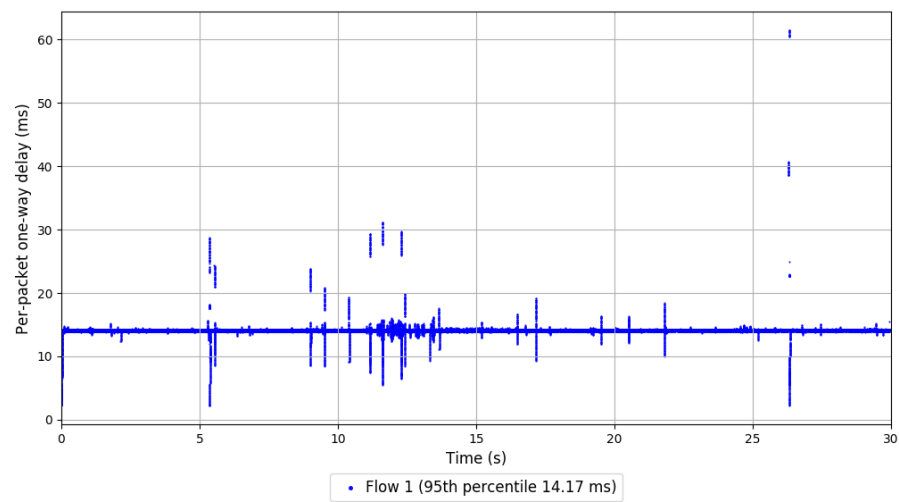
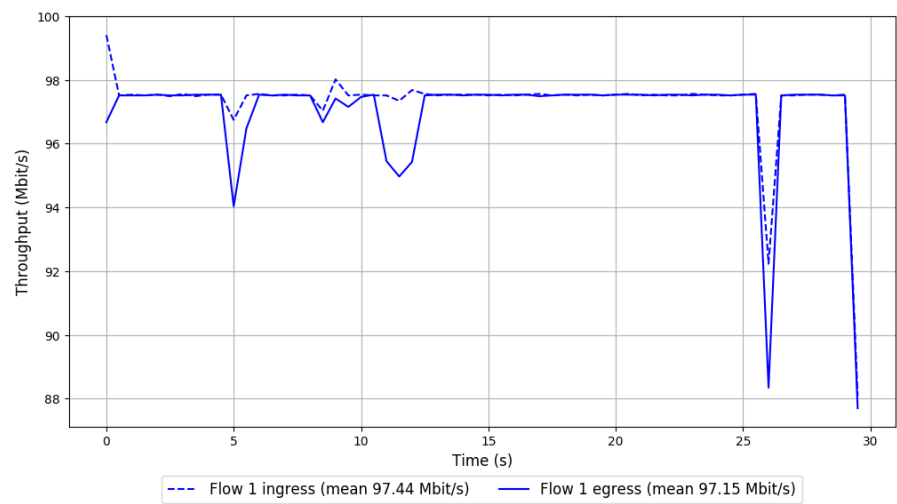
-- Flow 1:

Average throughput: 97.15 Mbit/s

95th percentile per-packet one-way delay: 14.168 ms

Loss rate: 0.32%

Run 5: Report of Saturator — Data Link



Run 6: Statistics of Saturator

Start at: Sun, 16 Jul 2017 23:31:03 +0000

End at: Sun, 16 Jul 2017 23:31:33 +0000

Local clock offset: -3.91 ms

Remote clock offset: 0.989 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:38:10 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.24 Mbit/s

95th percentile per-packet one-way delay: 14.195 ms

Loss rate: 0.31%

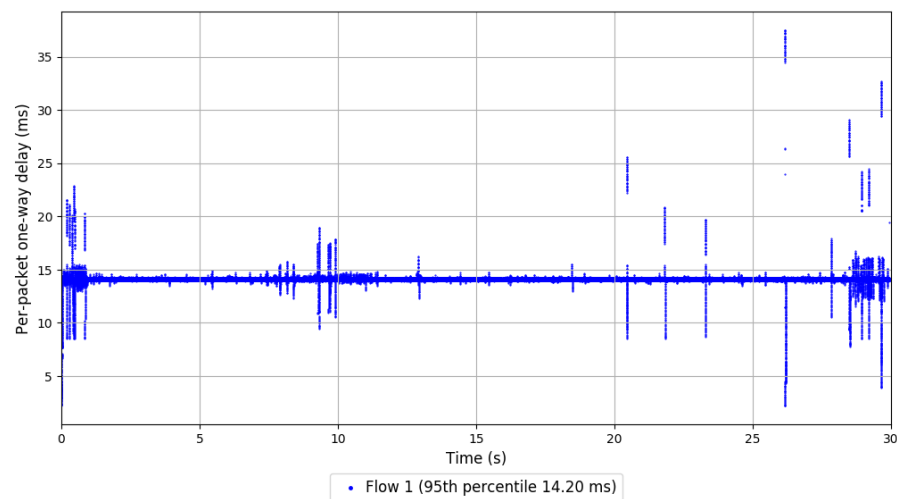
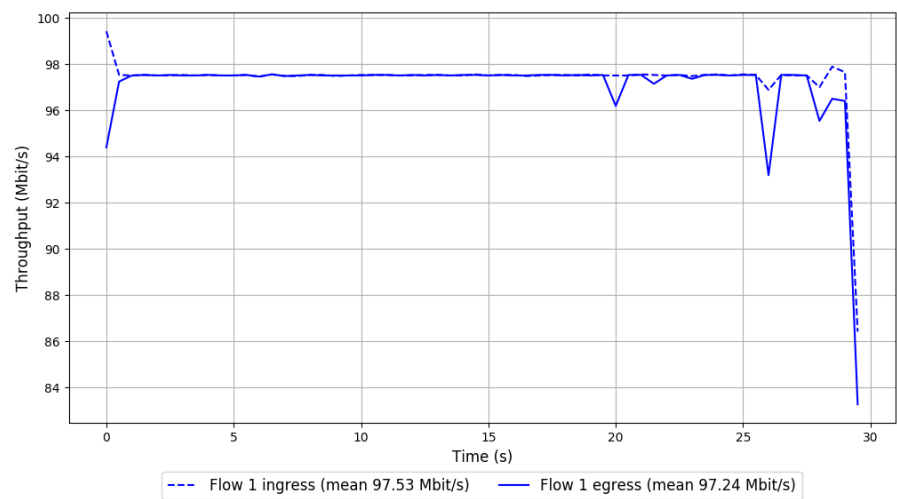
-- Flow 1:

Average throughput: 97.24 Mbit/s

95th percentile per-packet one-way delay: 14.195 ms

Loss rate: 0.31%

Run 6: Report of Saturator — Data Link



Run 7: Statistics of Saturator

Start at: Sun, 16 Jul 2017 23:48:01 +0000

End at: Sun, 16 Jul 2017 23:48:31 +0000

Local clock offset: -4.164 ms

Remote clock offset: 0.495 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:38:18 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.09 Mbit/s

95th percentile per-packet one-way delay: 14.142 ms

Loss rate: 0.41%

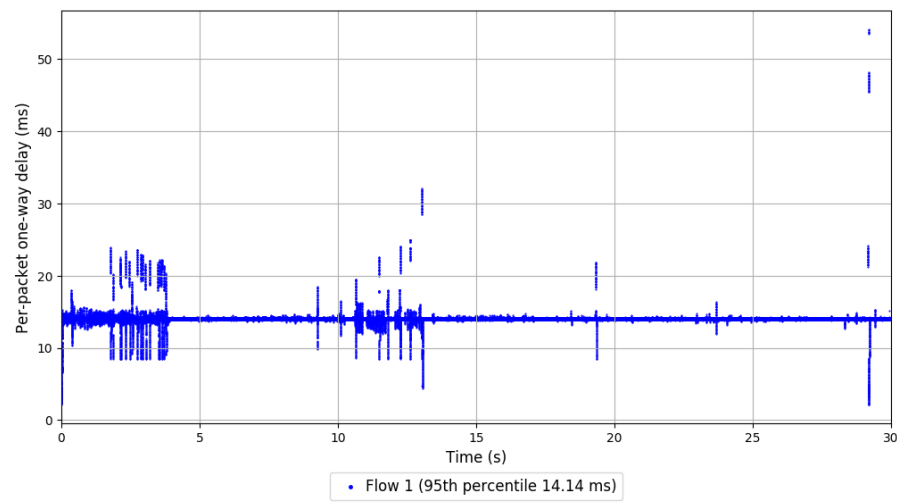
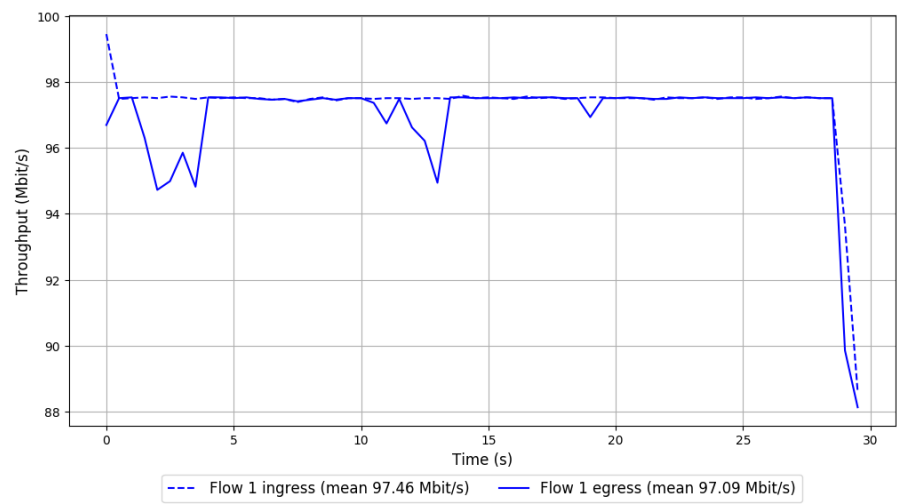
-- Flow 1:

Average throughput: 97.09 Mbit/s

95th percentile per-packet one-way delay: 14.142 ms

Loss rate: 0.41%

Run 7: Report of Saturator — Data Link



Run 8: Statistics of Saturator

Start at: Mon, 17 Jul 2017 00:04:59 +0000

End at: Mon, 17 Jul 2017 00:05:29 +0000

Local clock offset: -4.488 ms

Remote clock offset: -0.207 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:38:23 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.28 Mbit/s

95th percentile per-packet one-way delay: 14.050 ms

Loss rate: 0.24%

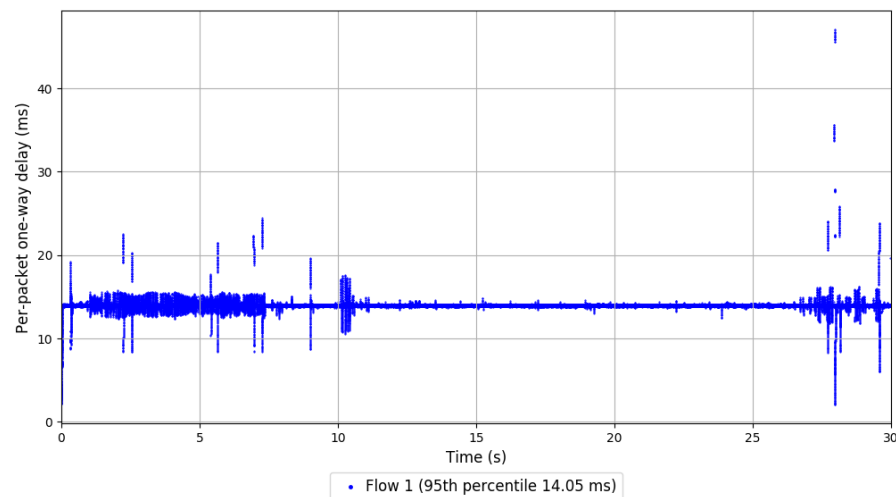
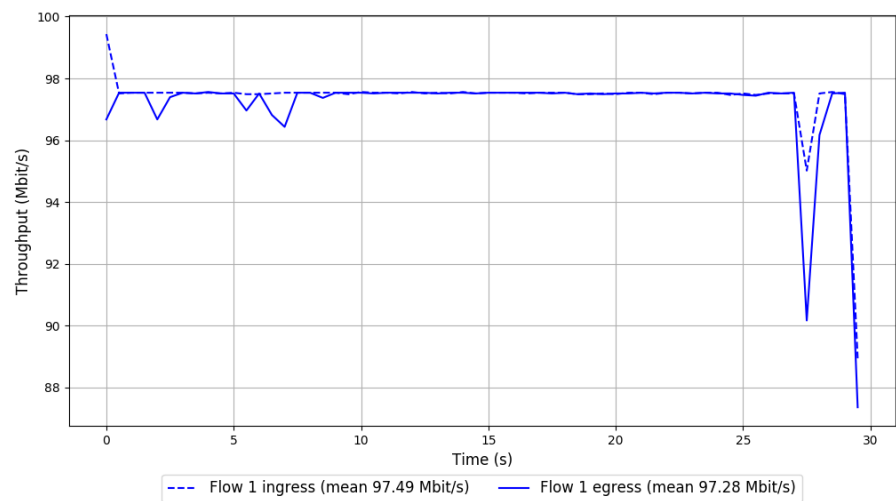
-- Flow 1:

Average throughput: 97.28 Mbit/s

95th percentile per-packet one-way delay: 14.050 ms

Loss rate: 0.24%

Run 8: Report of Saturator — Data Link



Run 9: Statistics of Saturator

Start at: Mon, 17 Jul 2017 00:21:57 +0000

End at: Mon, 17 Jul 2017 00:22:27 +0000

Local clock offset: -4.43 ms

Remote clock offset: -0.589 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.23 Mbit/s

95th percentile per-packet one-way delay: 13.980 ms

Loss rate: 0.30%

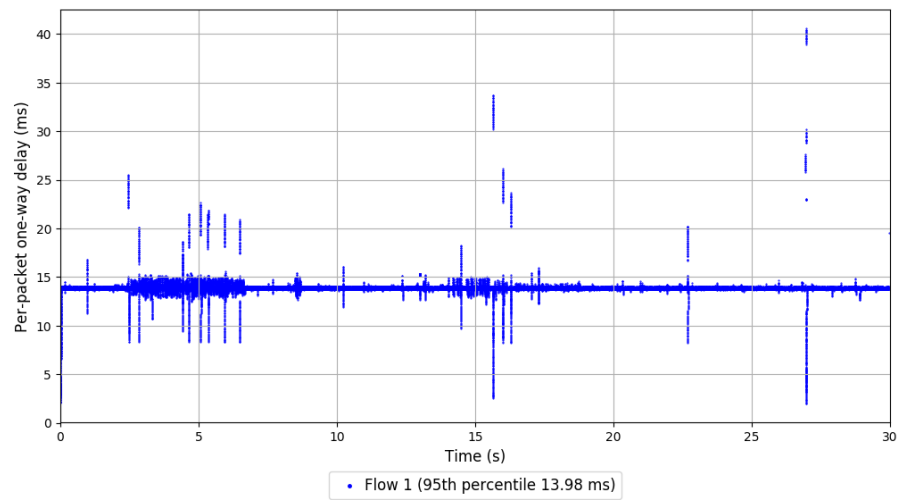
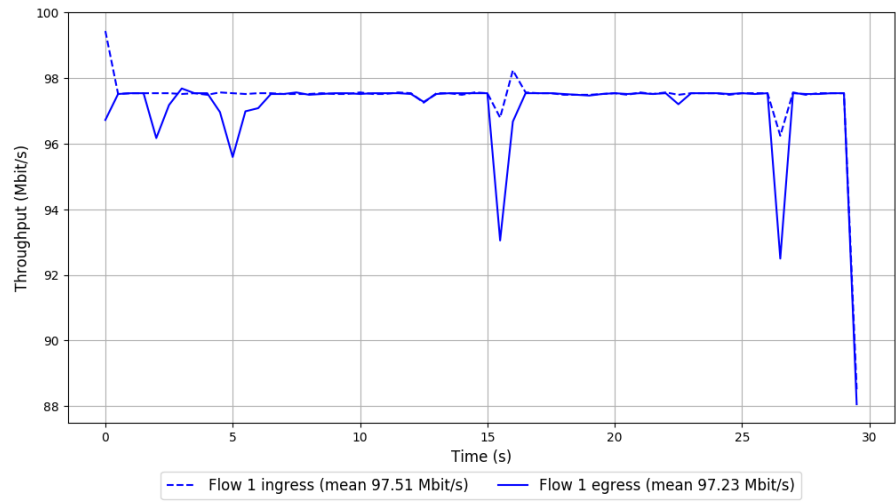
-- Flow 1:

Average throughput: 97.23 Mbit/s

95th percentile per-packet one-way delay: 13.980 ms

Loss rate: 0.30%

Run 9: Report of Saturator — Data Link



Run 10: Statistics of Saturator

Start at: Mon, 17 Jul 2017 00:38:56 +0000

End at: Mon, 17 Jul 2017 00:39:26 +0000

Local clock offset: -3.796 ms

Remote clock offset: -0.744 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:38:40 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.29 Mbit/s

95th percentile per-packet one-way delay: 13.989 ms

Loss rate: 0.24%

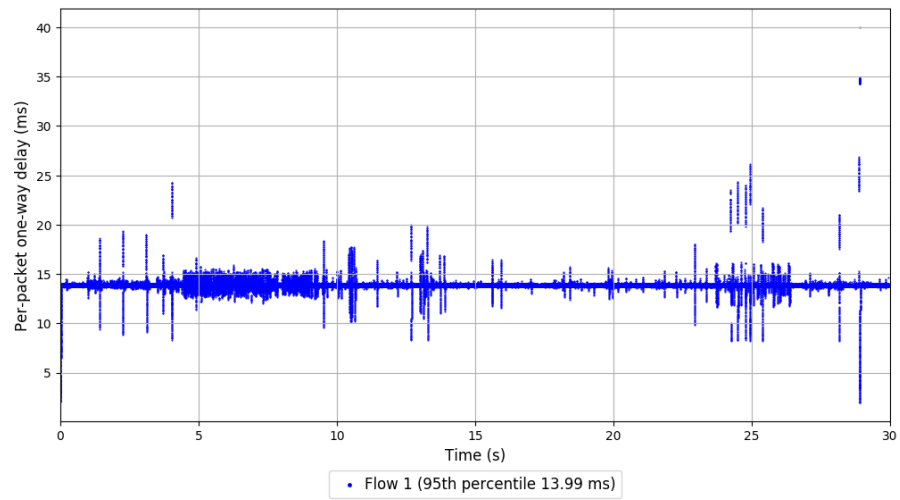
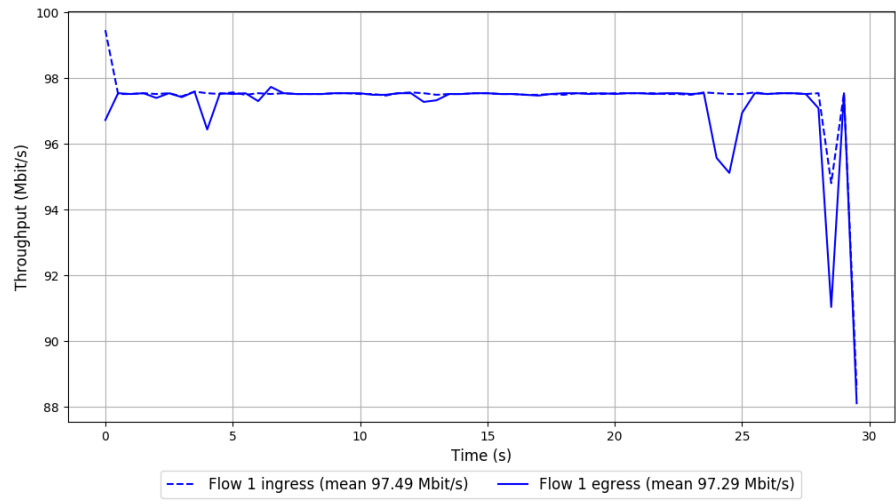
-- Flow 1:

Average throughput: 97.29 Mbit/s

95th percentile per-packet one-way delay: 13.989 ms

Loss rate: 0.24%

Run 10: Report of Saturator — Data Link



Run 1: Statistics of SCReAM

Start at: Sun, 16 Jul 2017 22:13:06 +0000

End at: Sun, 16 Jul 2017 22:13:36 +0000

Local clock offset: -3.307 ms

Remote clock offset: 1.448 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:38:40 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.171 ms

Loss rate: 0.00%

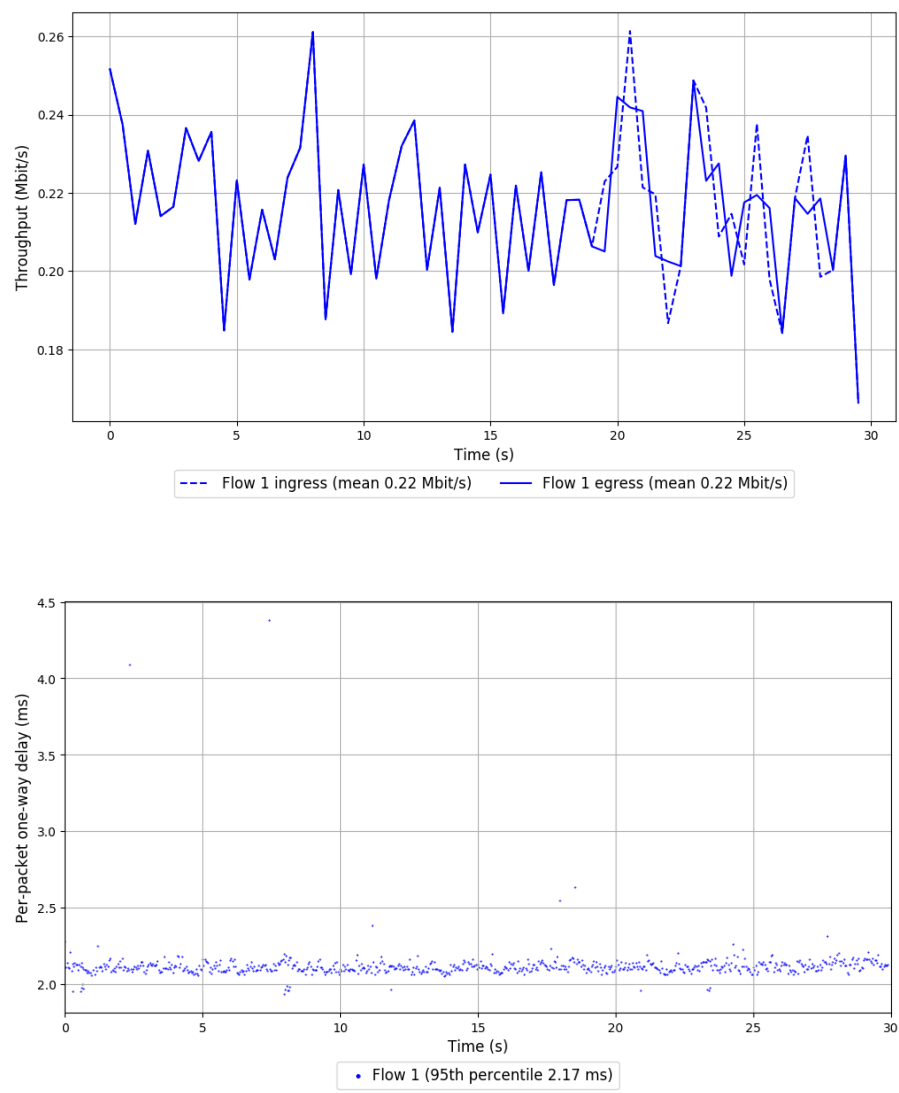
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.171 ms

Loss rate: 0.00%

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

Start at: Sun, 16 Jul 2017 22:30:05 +0000

End at: Sun, 16 Jul 2017 22:30:35 +0000

Local clock offset: -3.452 ms

Remote clock offset: 1.348 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:38:40 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.159 ms

Loss rate: 0.00%

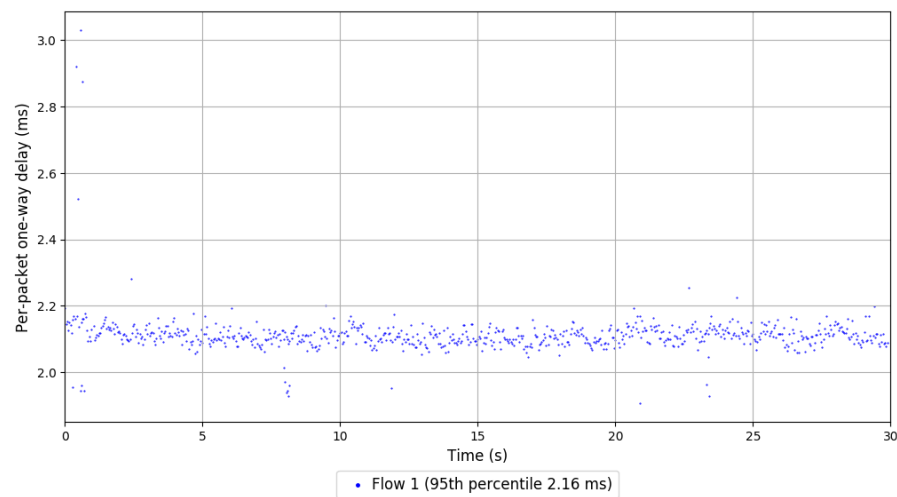
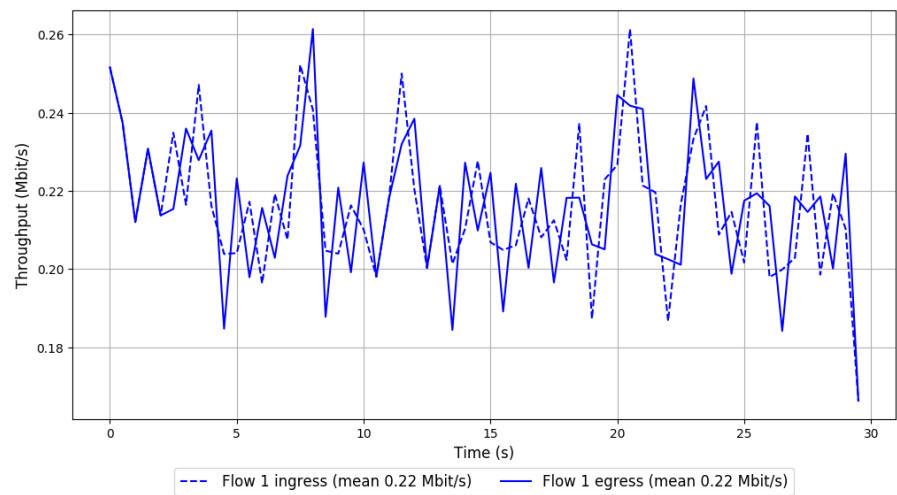
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.159 ms

Loss rate: 0.00%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SCReAM

Start at: Sun, 16 Jul 2017 22:46:57 +0000

End at: Sun, 16 Jul 2017 22:47:27 +0000

Local clock offset: -3.441 ms

Remote clock offset: 0.918 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:38:40 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.162 ms

Loss rate: 0.00%

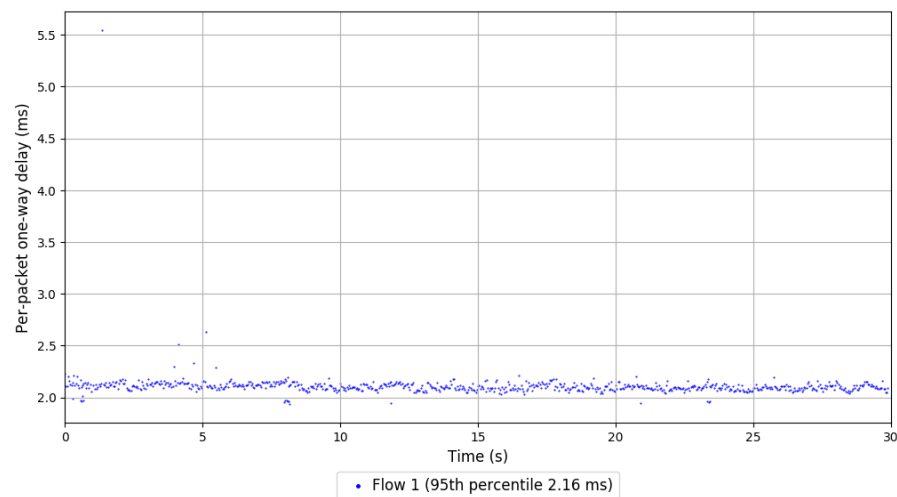
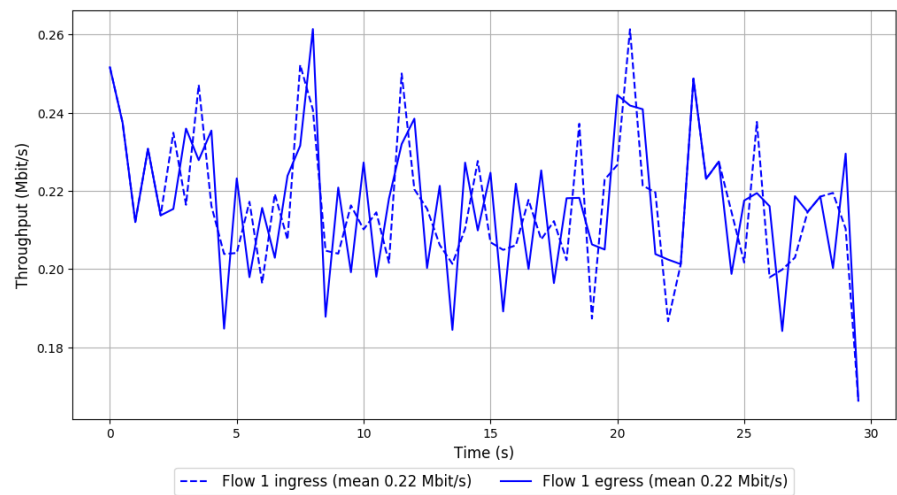
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.162 ms

Loss rate: 0.00%

Run 3: Report of SReAM — Data Link



Run 4: Statistics of SCReAM

Start at: Sun, 16 Jul 2017 23:04:00 +0000

End at: Sun, 16 Jul 2017 23:04:30 +0000

Local clock offset: -3.482 ms

Remote clock offset: -2.958 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:38:40 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 6.162 ms

Loss rate: 0.00%

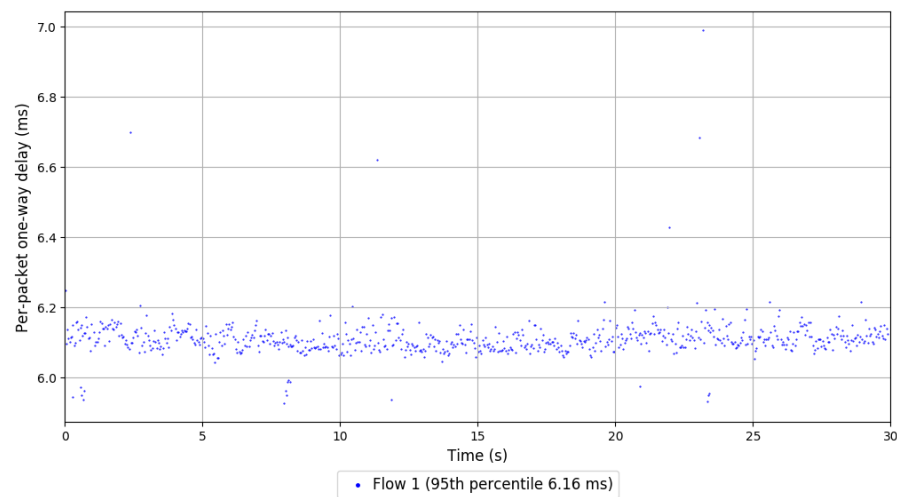
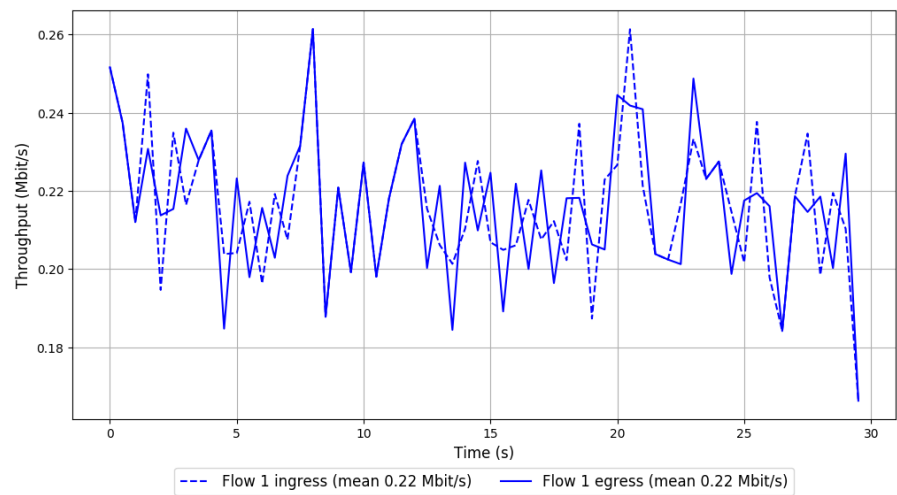
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 6.162 ms

Loss rate: 0.00%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

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

End at: Sun, 16 Jul 2017 23:21:29 +0000

Local clock offset: -3.792 ms

Remote clock offset: 1.217 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:38:40 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.256 ms

Loss rate: 0.00%

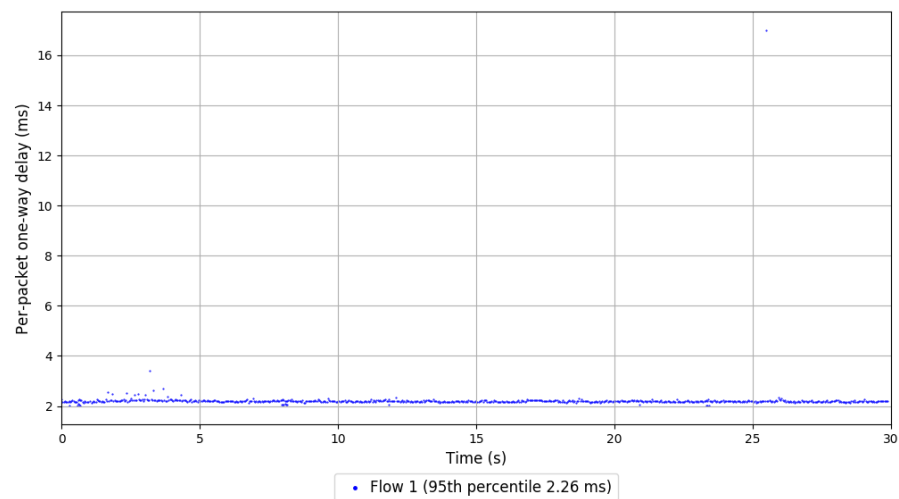
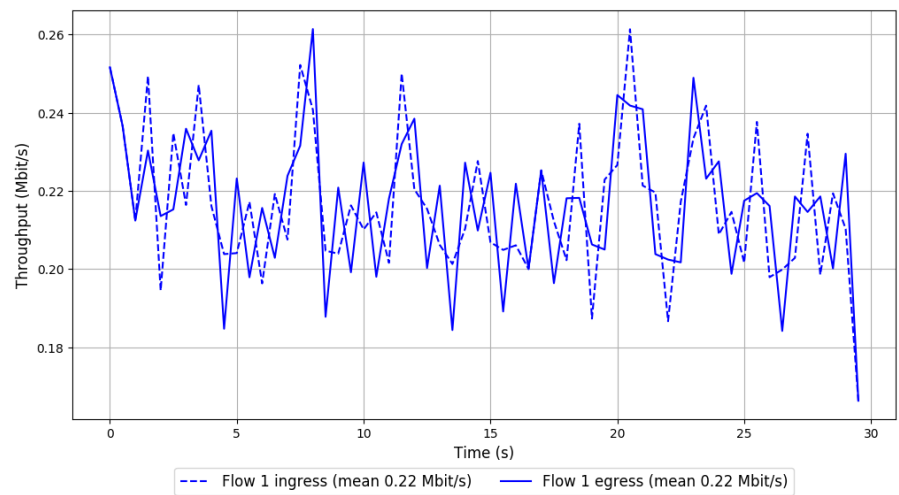
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.256 ms

Loss rate: 0.00%

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SCReAM

Start at: Sun, 16 Jul 2017 23:37:57 +0000

End at: Sun, 16 Jul 2017 23:38:27 +0000

Local clock offset: -3.959 ms

Remote clock offset: 0.943 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:38:40 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.189 ms

Loss rate: 0.00%

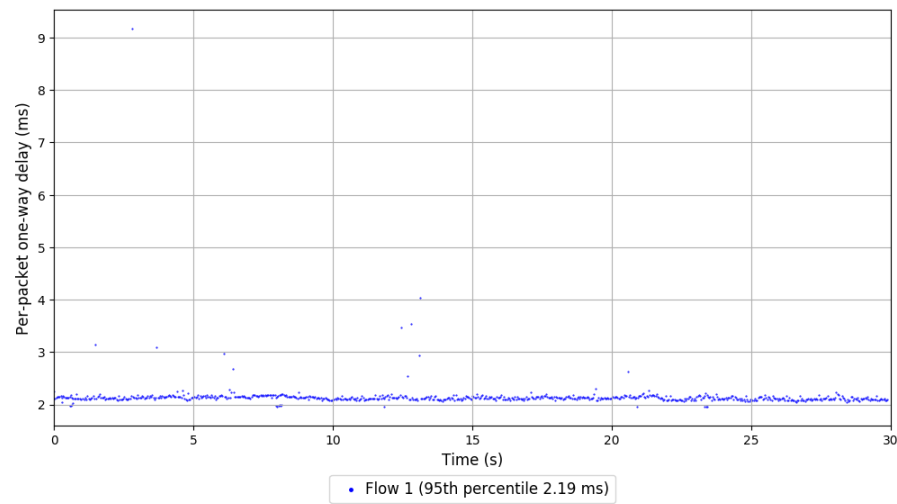
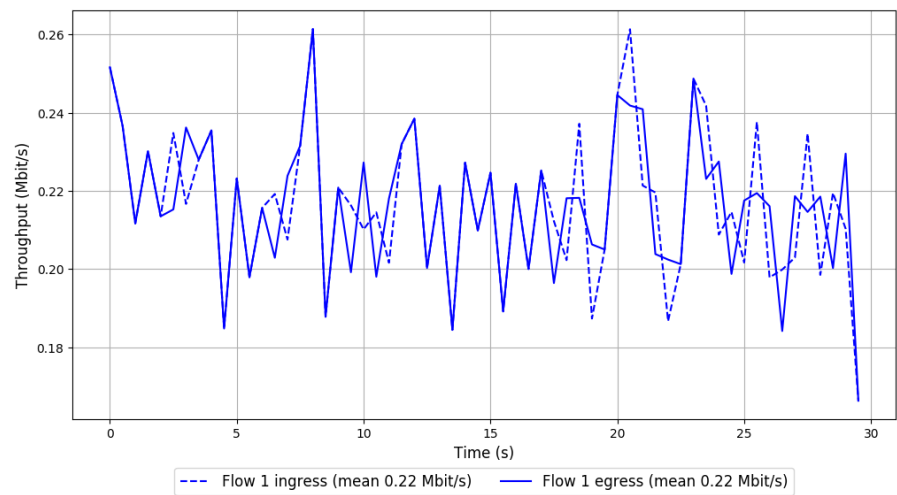
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.189 ms

Loss rate: 0.00%

Run 6: Report of SReAM — Data Link



Run 7: Statistics of SCReAM

Start at: Sun, 16 Jul 2017 23:54:55 +0000

End at: Sun, 16 Jul 2017 23:55:25 +0000

Local clock offset: -4.321 ms

Remote clock offset: 0.202 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:38:40 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.213 ms

Loss rate: 0.00%

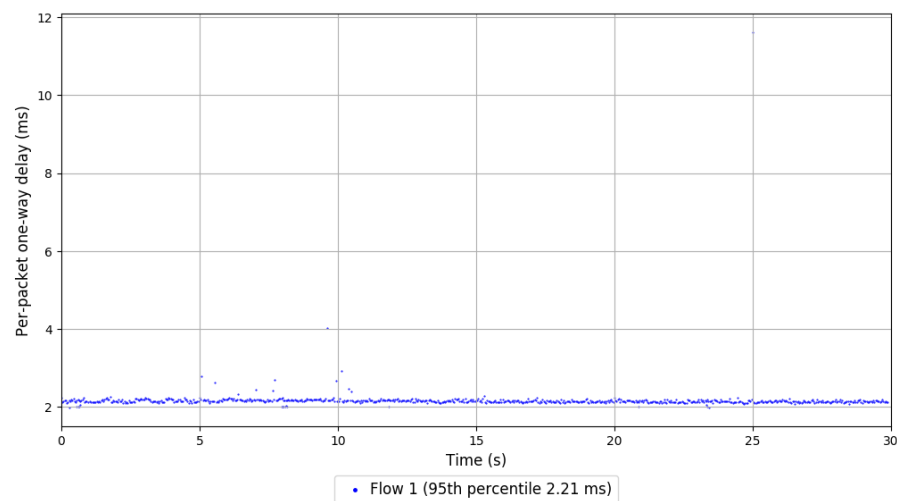
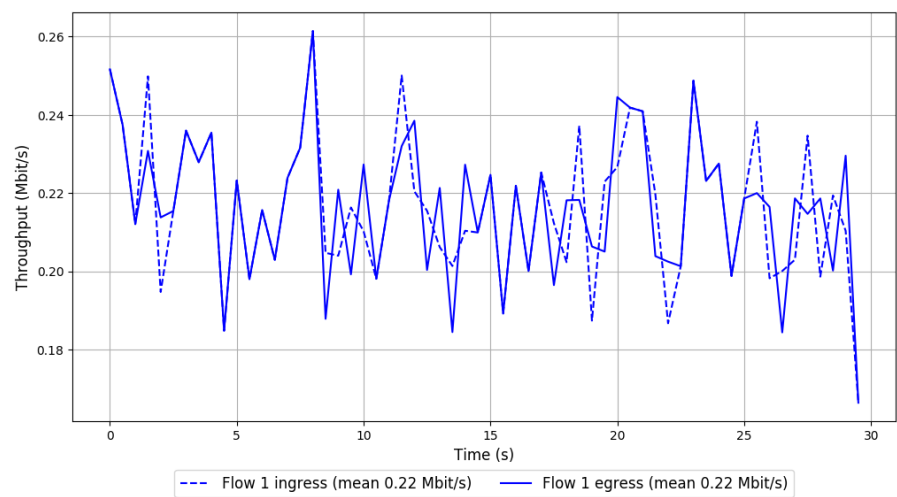
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.213 ms

Loss rate: 0.00%

Run 7: Report of SReAM — Data Link



Run 8: Statistics of SCReAM

Start at: Mon, 17 Jul 2017 00:11:54 +0000

End at: Mon, 17 Jul 2017 00:12:24 +0000

Local clock offset: -4.535 ms

Remote clock offset: -0.49 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:38:40 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.205 ms

Loss rate: 0.00%

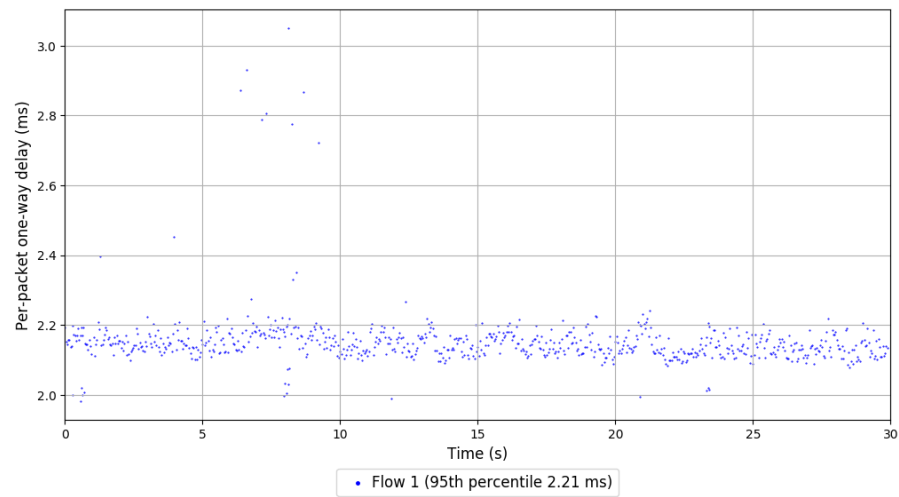
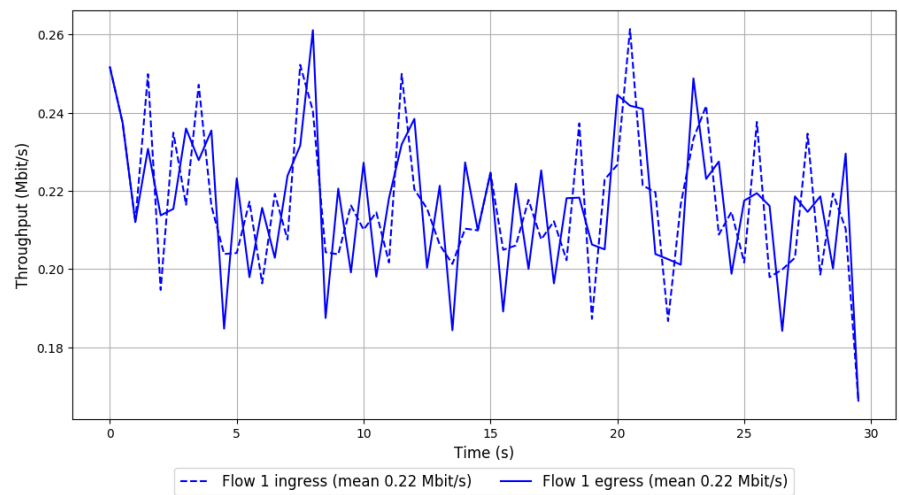
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.205 ms

Loss rate: 0.00%

Run 8: Report of SReAM — Data Link



Run 9: Statistics of SCReAM

Start at: Mon, 17 Jul 2017 00:28:52 +0000

End at: Mon, 17 Jul 2017 00:29:22 +0000

Local clock offset: -4.171 ms

Remote clock offset: -0.648 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:38:41 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.238 ms

Loss rate: 0.00%

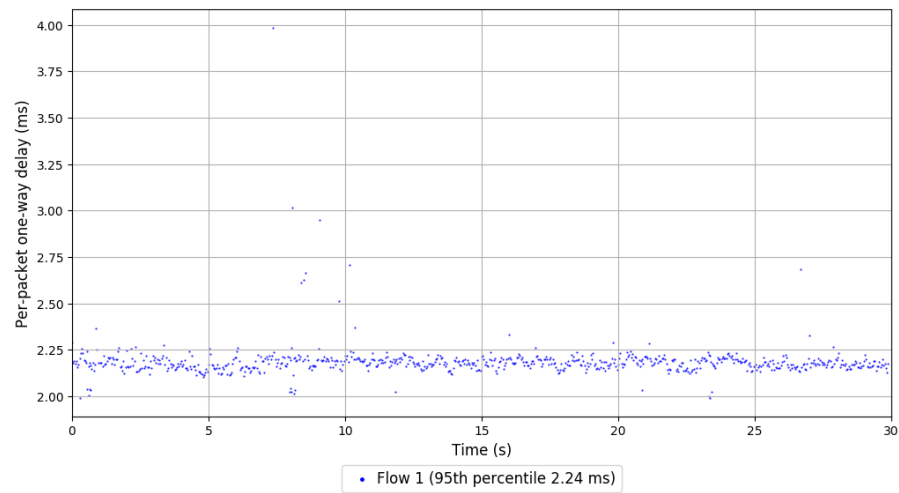
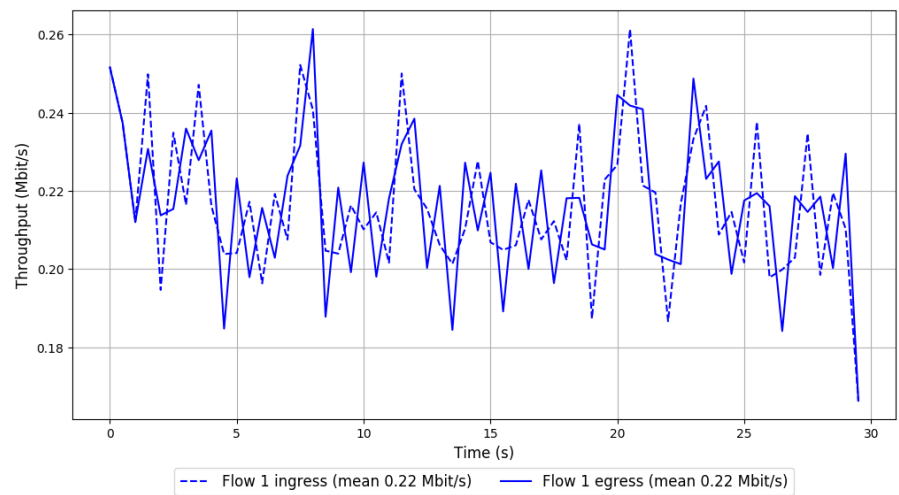
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.238 ms

Loss rate: 0.00%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SReAM

Start at: Mon, 17 Jul 2017 00:45:50 +0000

End at: Mon, 17 Jul 2017 00:46:20 +0000

Local clock offset: -3.351 ms

Remote clock offset: -0.895 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:38:41 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.192 ms

Loss rate: 0.00%

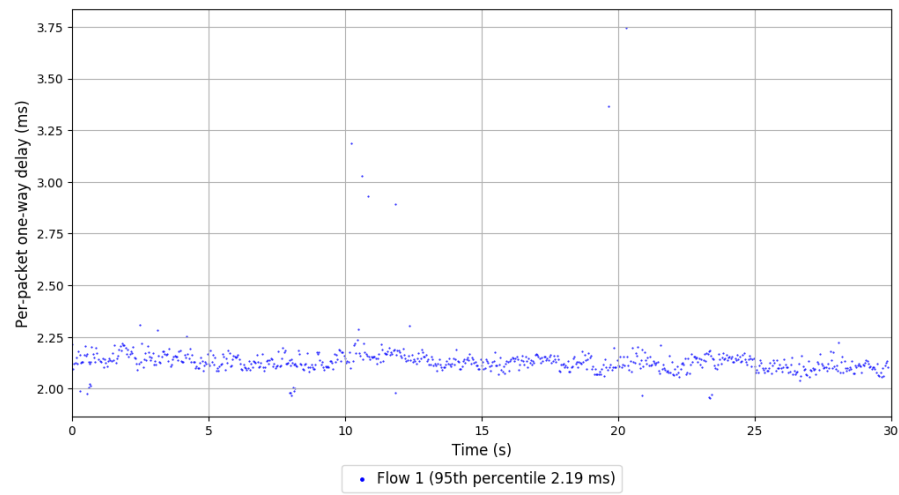
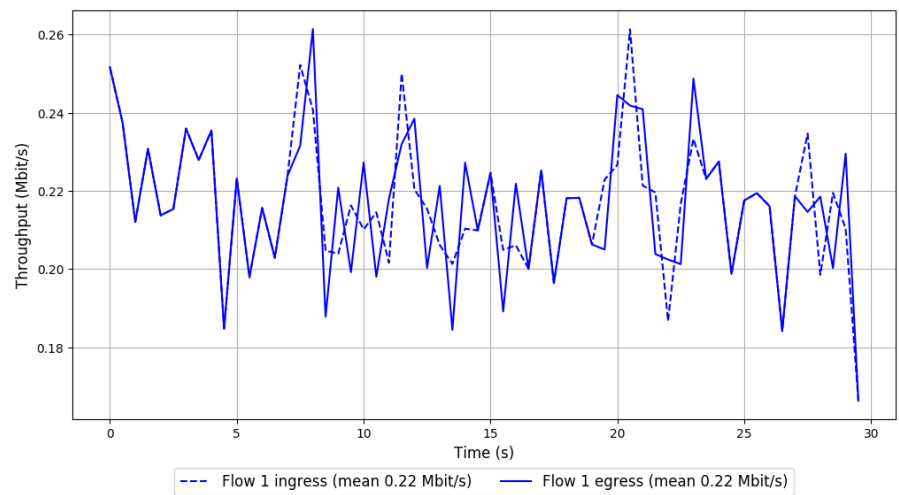
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.192 ms

Loss rate: 0.00%

Run 10: Report of SReAM — Data Link



Run 1: Statistics of Sprout

Start at: Sun, 16 Jul 2017 22:08:31 +0000

End at: Sun, 16 Jul 2017 22:09:01 +0000

Local clock offset: -3.304 ms

Remote clock offset: 1.36 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:38:48 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 49.86 Mbit/s

95th percentile per-packet one-way delay: 10.975 ms

Loss rate: 0.09%

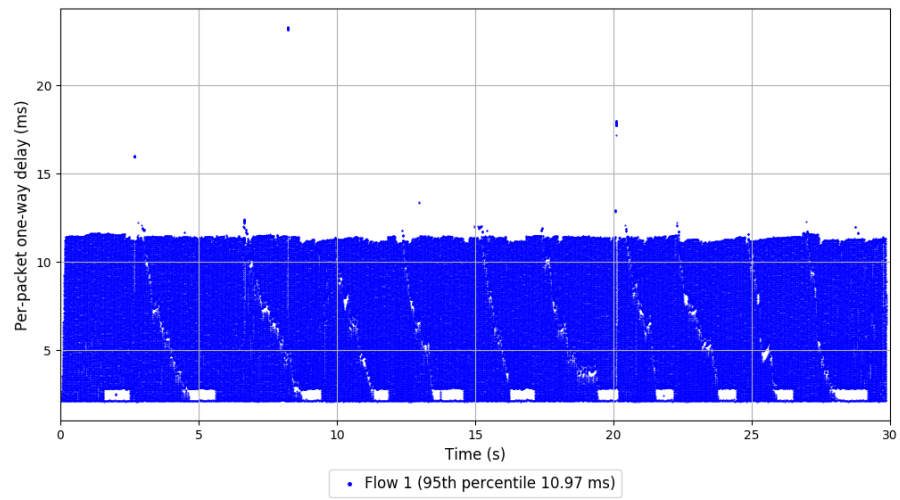
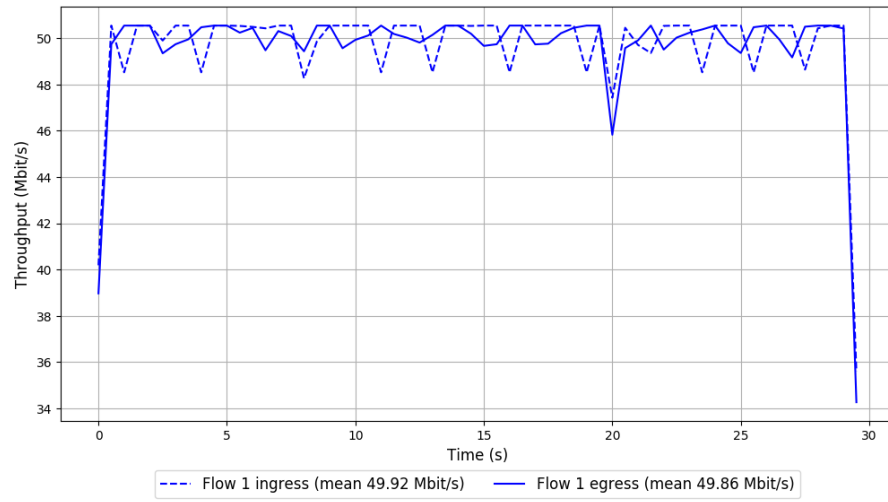
-- Flow 1:

Average throughput: 49.86 Mbit/s

95th percentile per-packet one-way delay: 10.975 ms

Loss rate: 0.09%

Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

Start at: Sun, 16 Jul 2017 22:25:30 +0000

End at: Sun, 16 Jul 2017 22:26:00 +0000

Local clock offset: -3.344 ms

Remote clock offset: 1.506 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:38:49 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 49.98 Mbit/s

95th percentile per-packet one-way delay: 10.902 ms

Loss rate: 0.00%

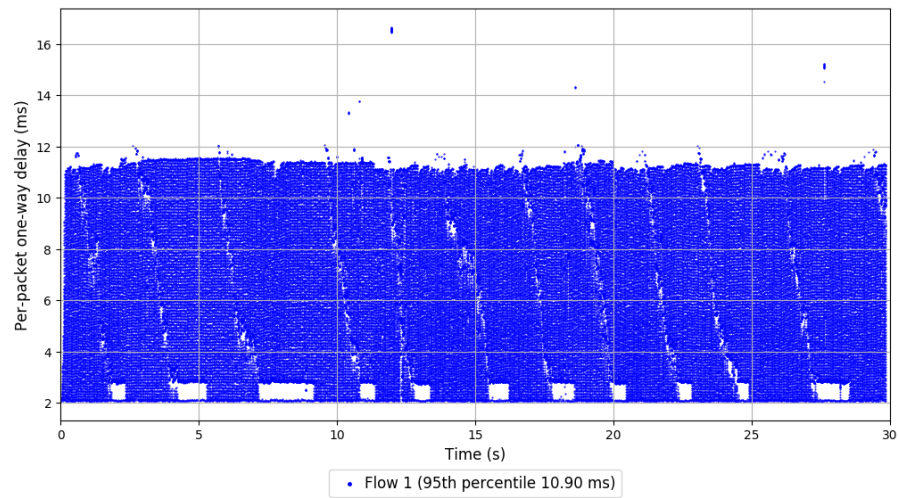
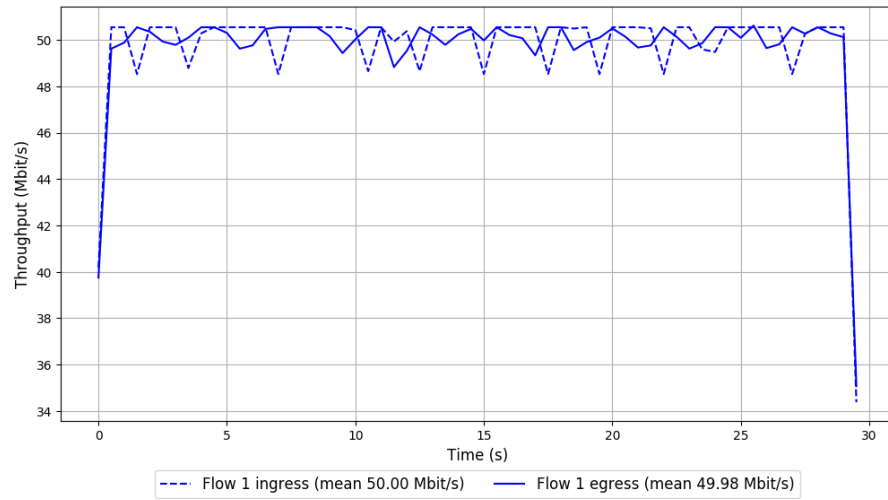
-- Flow 1:

Average throughput: 49.98 Mbit/s

95th percentile per-packet one-way delay: 10.902 ms

Loss rate: 0.00%

Run 2: Report of Sprout — Data Link



Run 3: Statistics of Sprout

Start at: Sun, 16 Jul 2017 22:42:22 +0000

End at: Sun, 16 Jul 2017 22:42:52 +0000

Local clock offset: -3.402 ms

Remote clock offset: 1.078 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:38:56 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 49.69 Mbit/s

95th percentile per-packet one-way delay: 10.934 ms

Loss rate: 0.23%

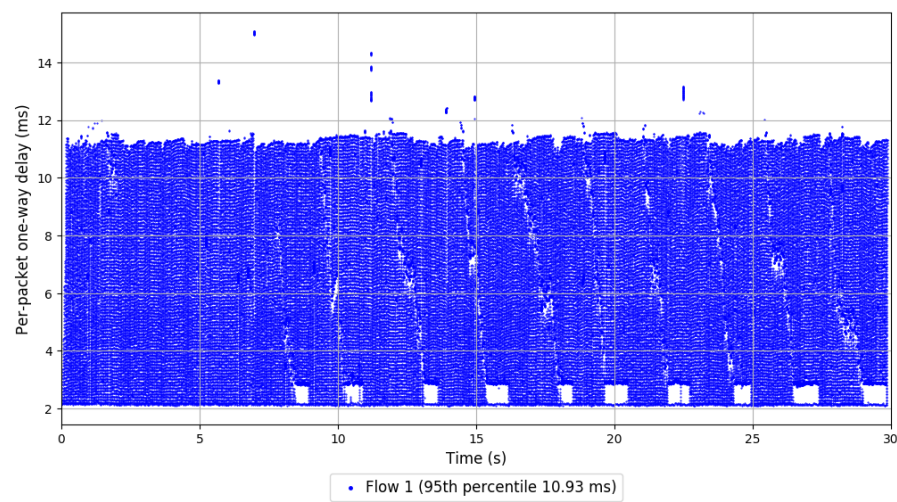
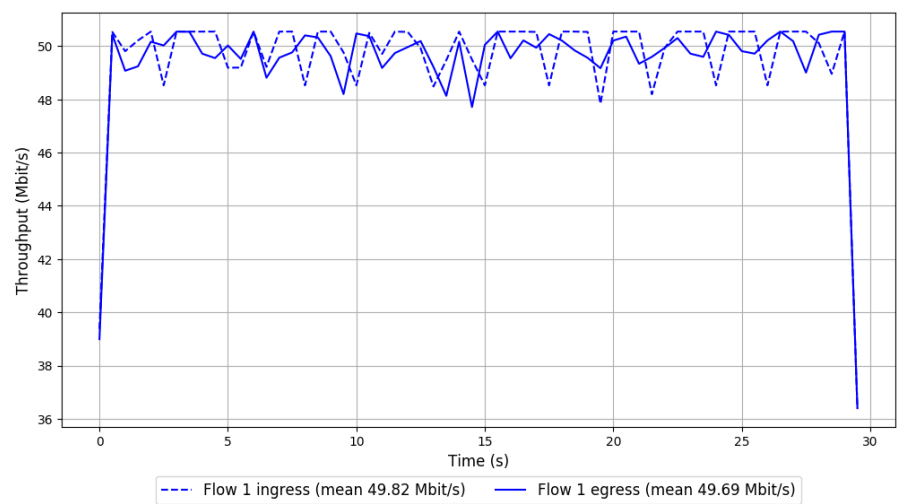
-- Flow 1:

Average throughput: 49.69 Mbit/s

95th percentile per-packet one-way delay: 10.934 ms

Loss rate: 0.23%

Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

Start at: Sun, 16 Jul 2017 22:59:25 +0000

End at: Sun, 16 Jul 2017 22:59:55 +0000

Local clock offset: -3.557 ms

Remote clock offset: 0.817 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:38:57 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 49.92 Mbit/s

95th percentile per-packet one-way delay: 11.057 ms

Loss rate: 0.13%

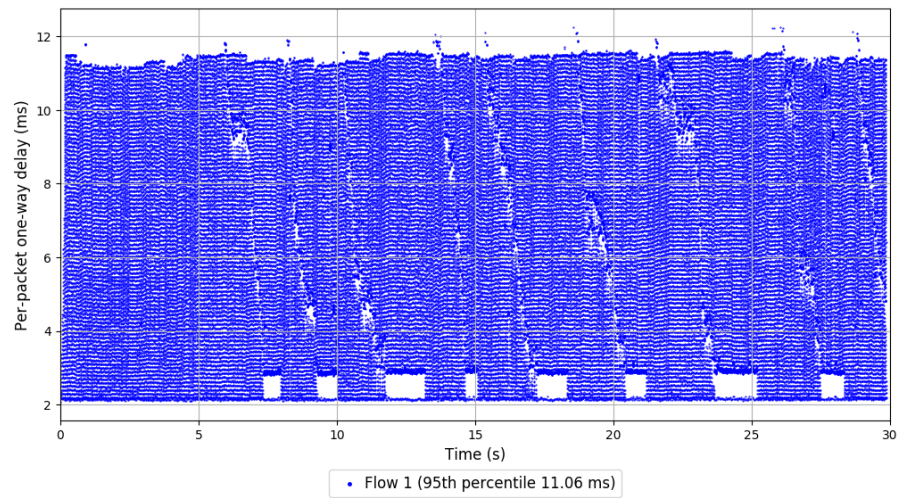
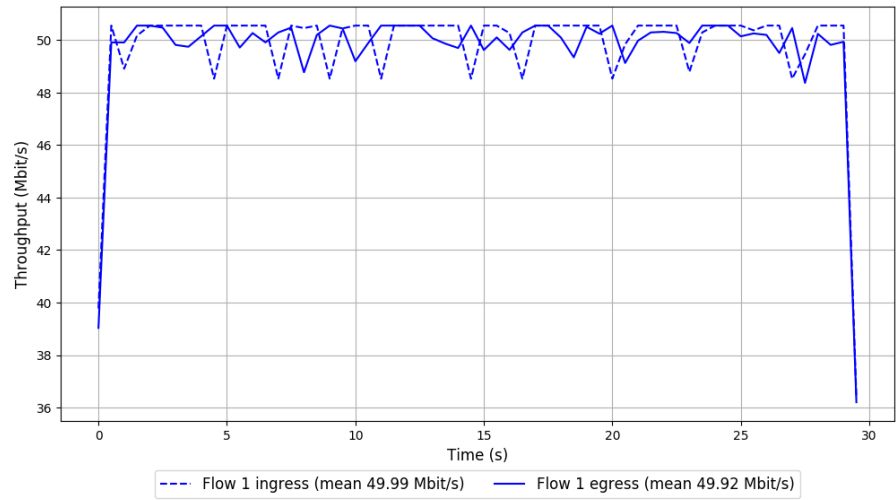
-- Flow 1:

Average throughput: 49.92 Mbit/s

95th percentile per-packet one-way delay: 11.057 ms

Loss rate: 0.13%

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: Sun, 16 Jul 2017 23:16:24 +0000

End at: Sun, 16 Jul 2017 23:16:54 +0000

Local clock offset: -3.748 ms

Remote clock offset: 1.231 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:39:04 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 49.93 Mbit/s

95th percentile per-packet one-way delay: 10.974 ms

Loss rate: 0.04%

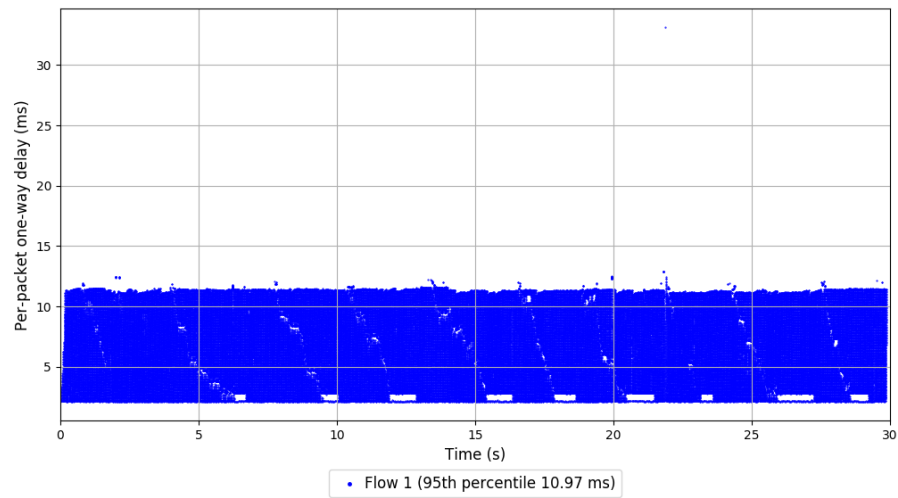
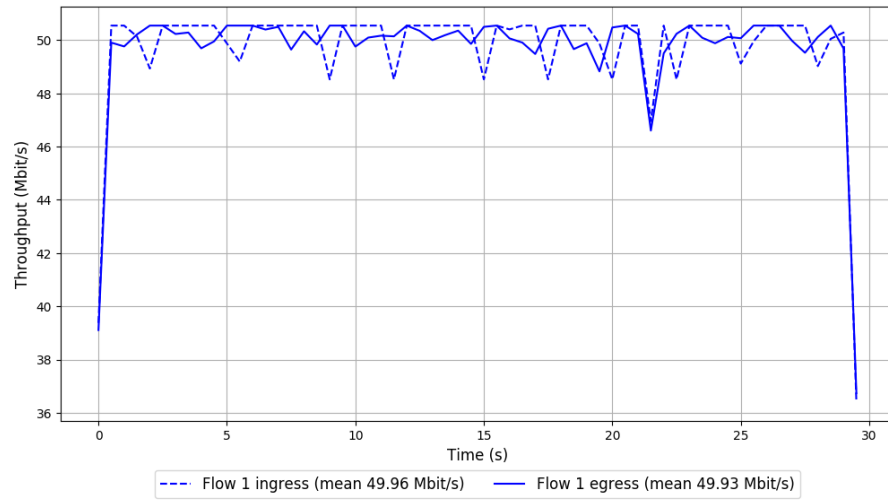
-- Flow 1:

Average throughput: 49.93 Mbit/s

95th percentile per-packet one-way delay: 10.974 ms

Loss rate: 0.04%

Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

Start at: Sun, 16 Jul 2017 23:33:22 +0000

End at: Sun, 16 Jul 2017 23:33:52 +0000

Local clock offset: -3.935 ms

Remote clock offset: 0.919 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:39:05 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 49.92 Mbit/s

95th percentile per-packet one-way delay: 11.067 ms

Loss rate: 0.09%

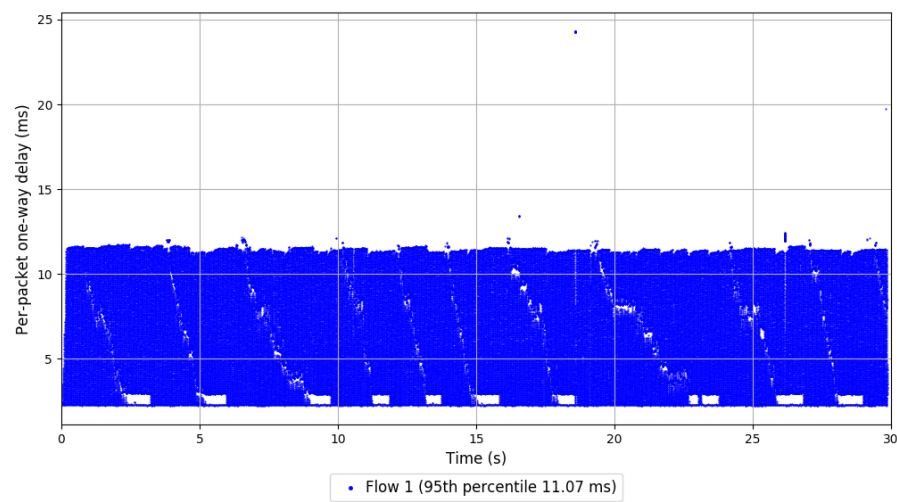
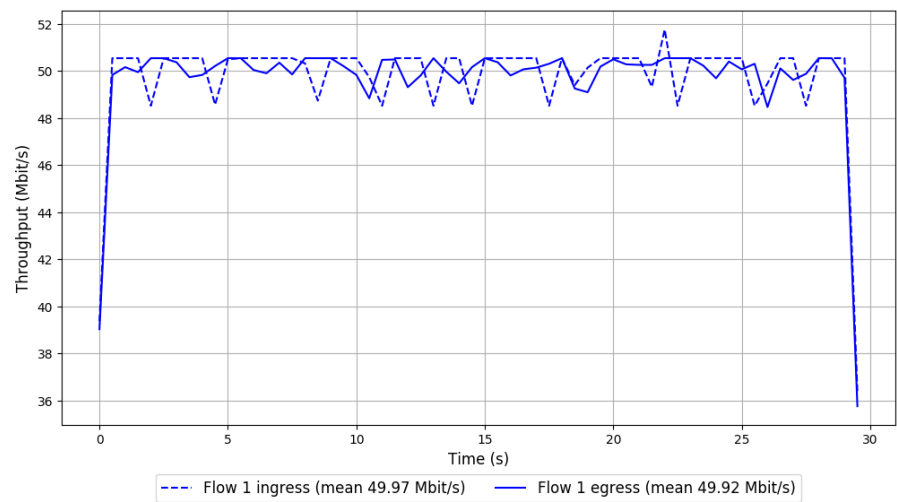
-- Flow 1:

Average throughput: 49.92 Mbit/s

95th percentile per-packet one-way delay: 11.067 ms

Loss rate: 0.09%

Run 6: Report of Sprout — Data Link



Run 7: Statistics of Sprout

Start at: Sun, 16 Jul 2017 23:50:20 +0000

End at: Sun, 16 Jul 2017 23:50:50 +0000

Local clock offset: -4.24 ms

Remote clock offset: 0.413 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:39:11 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 49.81 Mbit/s

95th percentile per-packet one-way delay: 10.911 ms

Loss rate: 0.10%

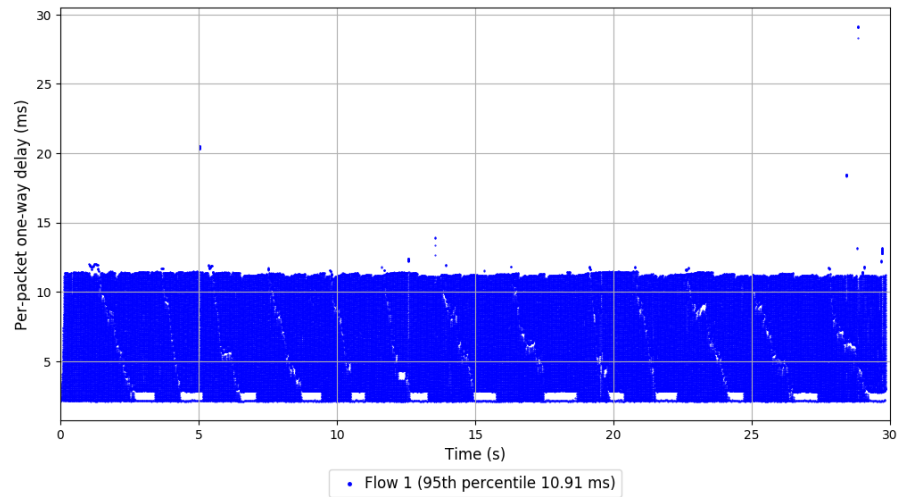
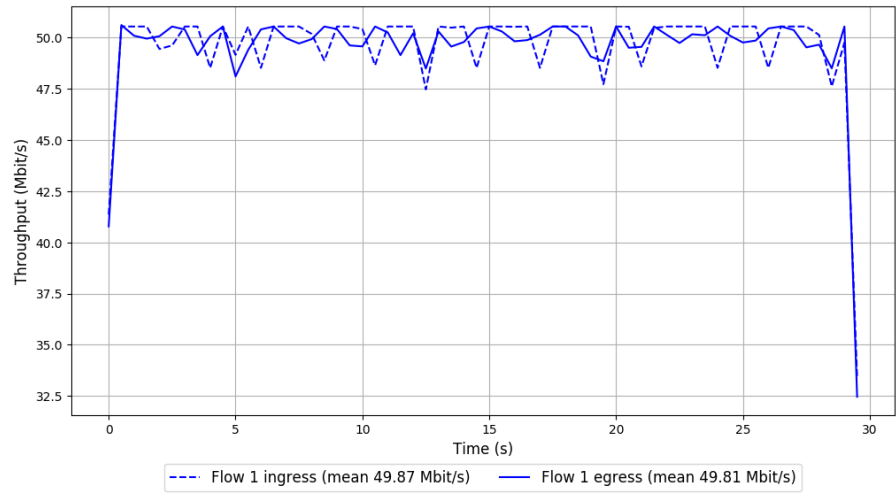
-- Flow 1:

Average throughput: 49.81 Mbit/s

95th percentile per-packet one-way delay: 10.911 ms

Loss rate: 0.10%

Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

Start at: Mon, 17 Jul 2017 00:07:19 +0000

End at: Mon, 17 Jul 2017 00:07:49 +0000

Local clock offset: -4.427 ms

Remote clock offset: -0.28 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:39:12 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 49.90 Mbit/s

95th percentile per-packet one-way delay: 10.873 ms

Loss rate: 0.12%

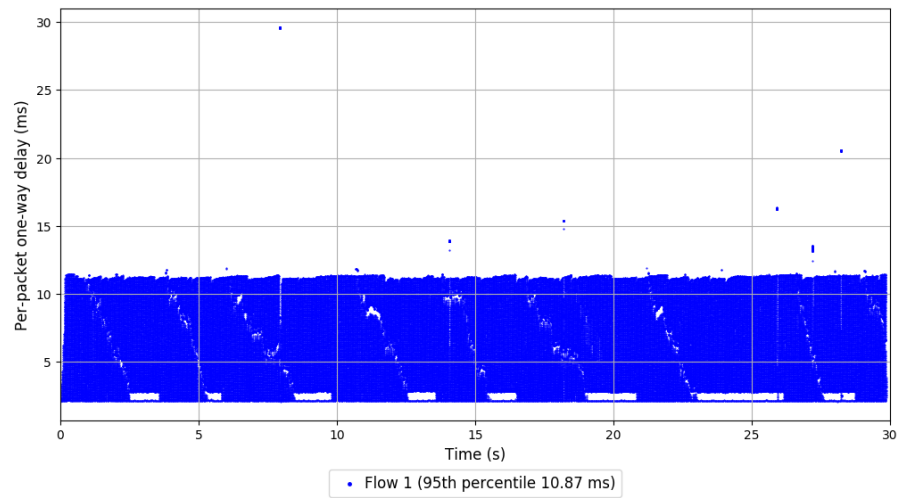
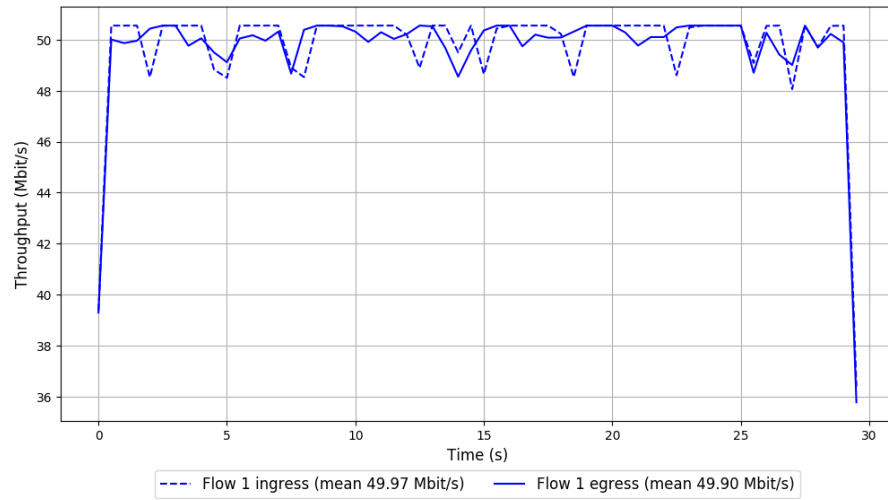
-- Flow 1:

Average throughput: 49.90 Mbit/s

95th percentile per-packet one-way delay: 10.873 ms

Loss rate: 0.12%

Run 8: Report of Sprout — Data Link



Run 9: Statistics of Sprout

Start at: Mon, 17 Jul 2017 00:24:17 +0000

End at: Mon, 17 Jul 2017 00:24:47 +0000

Local clock offset: -4.299 ms

Remote clock offset: -0.677 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:39:19 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 49.95 Mbit/s

95th percentile per-packet one-way delay: 11.060 ms

Loss rate: 0.09%

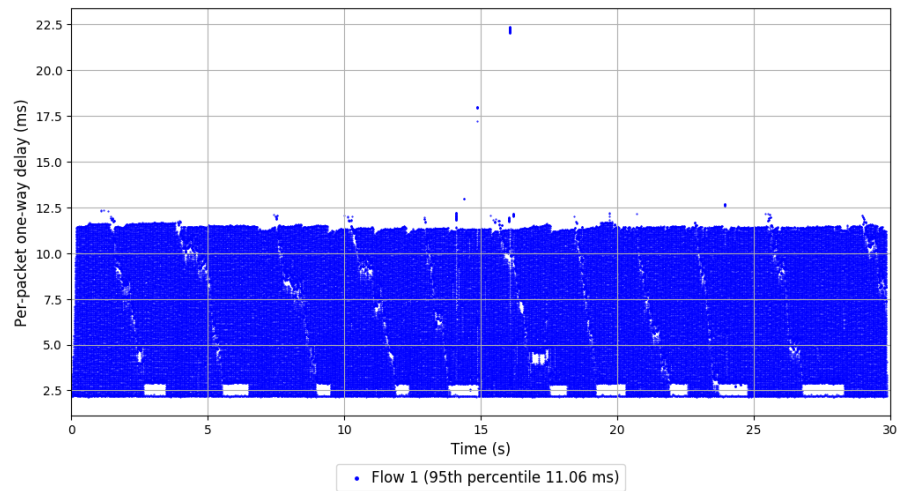
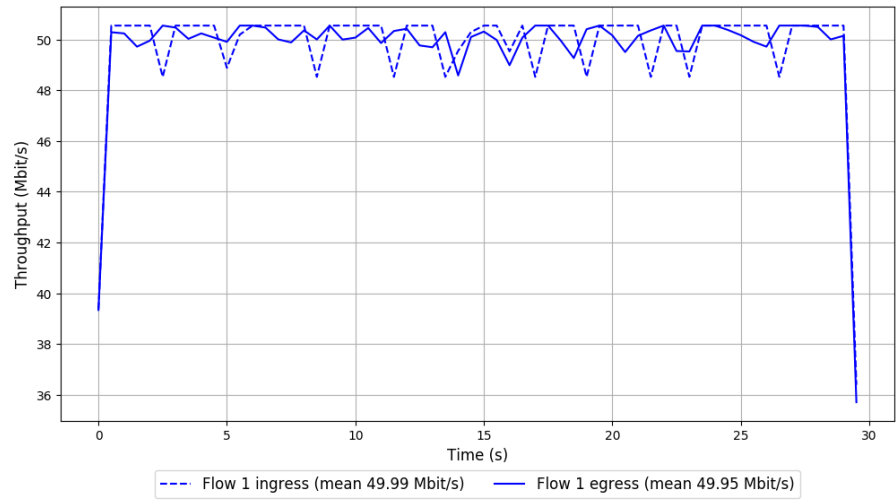
-- Flow 1:

Average throughput: 49.95 Mbit/s

95th percentile per-packet one-way delay: 11.060 ms

Loss rate: 0.09%

Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: Mon, 17 Jul 2017 00:41:15 +0000

End at: Mon, 17 Jul 2017 00:41:45 +0000

Local clock offset: -3.643 ms

Remote clock offset: -0.784 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:39:20 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 49.83 Mbit/s

95th percentile per-packet one-way delay: 10.870 ms

Loss rate: 0.12%

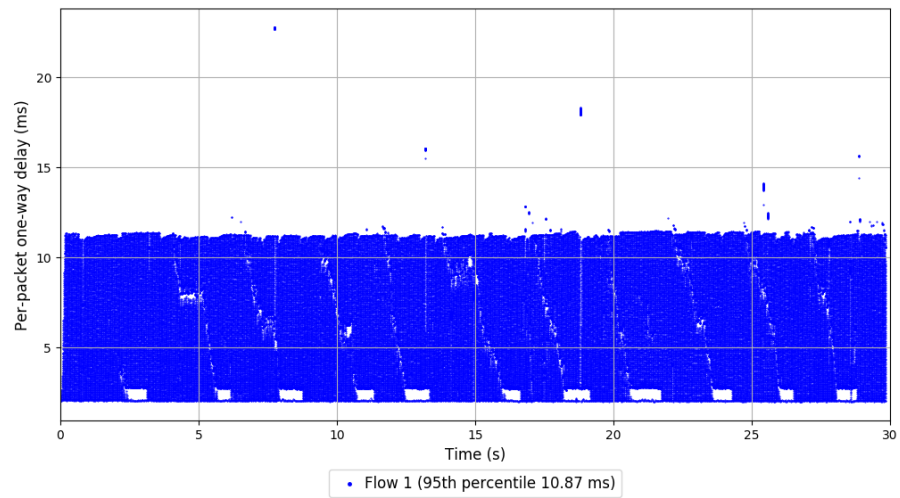
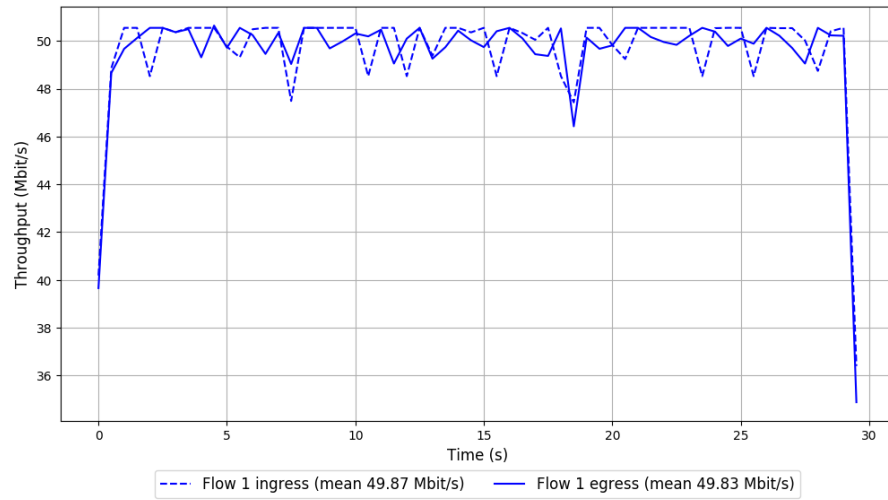
-- Flow 1:

Average throughput: 49.83 Mbit/s

95th percentile per-packet one-way delay: 10.870 ms

Loss rate: 0.12%

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: Sun, 16 Jul 2017 22:09:37 +0000

End at: Sun, 16 Jul 2017 22:10:07 +0000

Local clock offset: -3.315 ms

Remote clock offset: 1.317 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:39:40 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.88 Mbit/s

95th percentile per-packet one-way delay: 2.347 ms

Loss rate: 0.37%

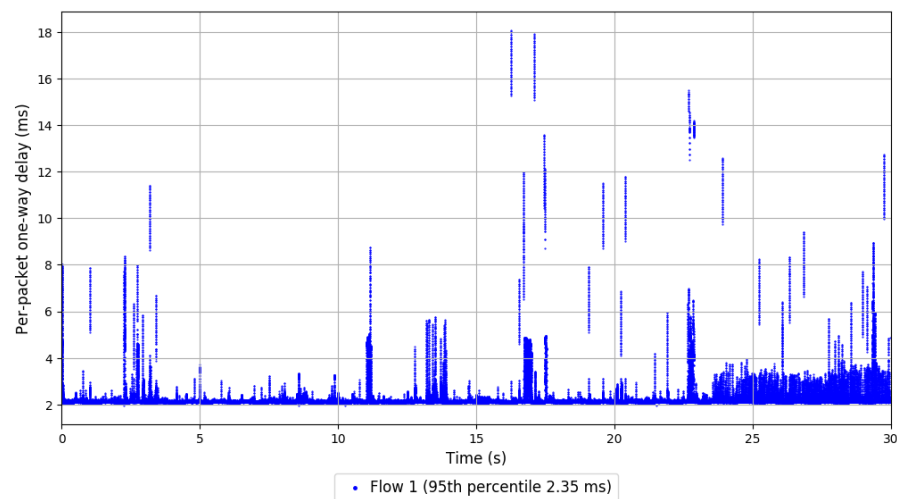
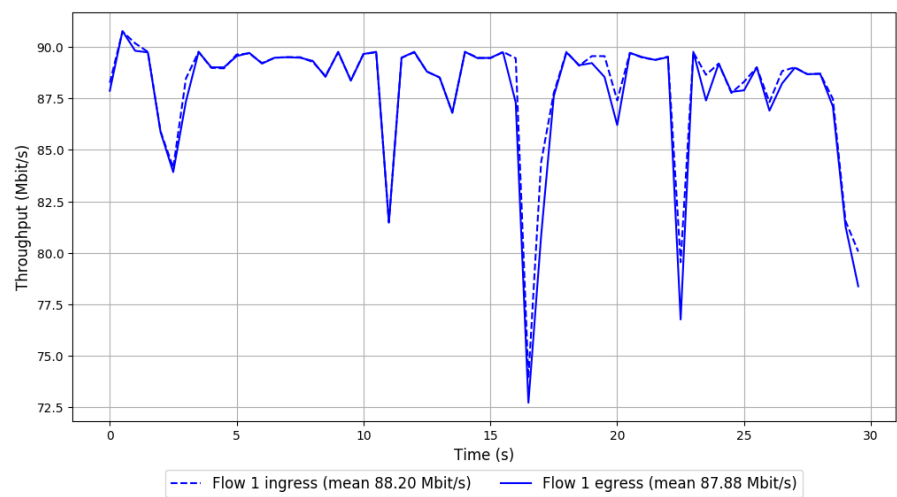
-- Flow 1:

Average throughput: 87.88 Mbit/s

95th percentile per-packet one-way delay: 2.347 ms

Loss rate: 0.37%

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



Run 2: Statistics of TaoVA-100x

Start at: Sun, 16 Jul 2017 22:26:35 +0000

End at: Sun, 16 Jul 2017 22:27:05 +0000

Local clock offset: -3.446 ms

Remote clock offset: 1.378 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:39:41 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.86 Mbit/s

95th percentile per-packet one-way delay: 2.192 ms

Loss rate: 0.29%

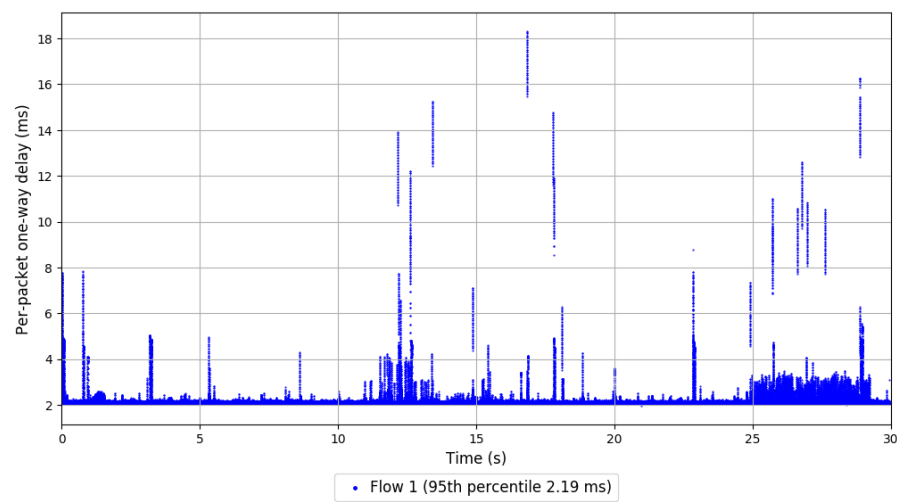
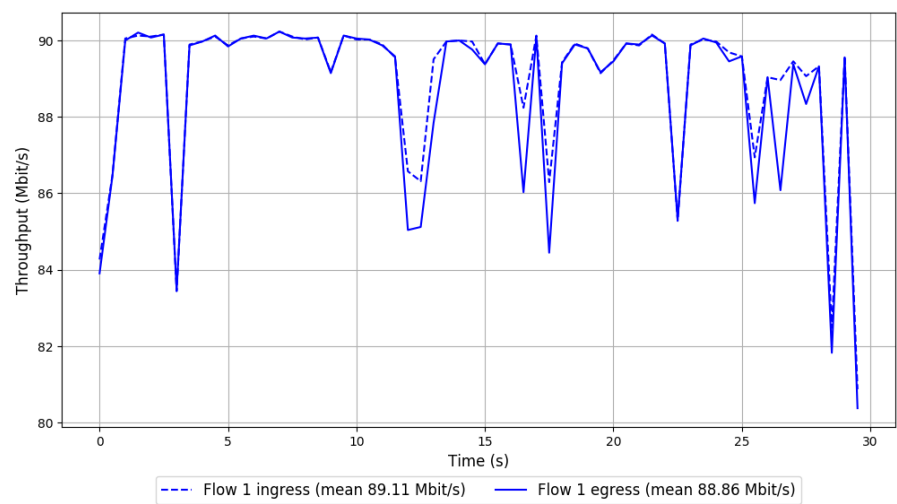
-- Flow 1:

Average throughput: 88.86 Mbit/s

95th percentile per-packet one-way delay: 2.192 ms

Loss rate: 0.29%

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



Run 3: Statistics of TaoVA-100x

Start at: Sun, 16 Jul 2017 22:43:28 +0000

End at: Sun, 16 Jul 2017 22:43:58 +0000

Local clock offset: -3.334 ms

Remote clock offset: 1.11 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.59 Mbit/s

95th percentile per-packet one-way delay: 2.125 ms

Loss rate: 0.22%

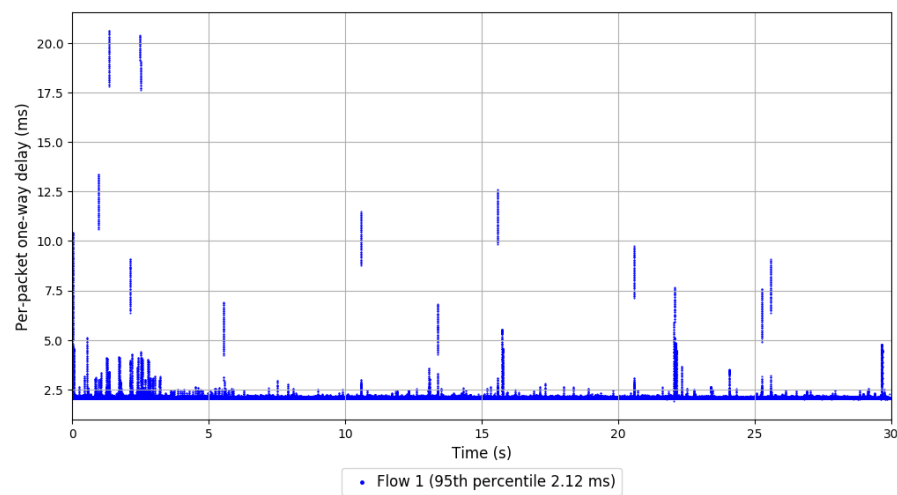
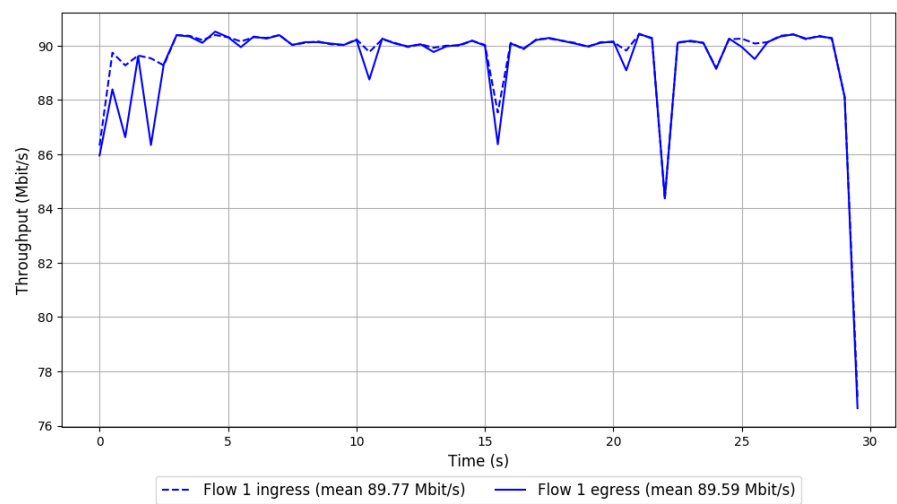
-- Flow 1:

Average throughput: 89.59 Mbit/s

95th percentile per-packet one-way delay: 2.125 ms

Loss rate: 0.22%

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



Run 4: Statistics of TaoVA-100x

Start at: Sun, 16 Jul 2017 23:00:30 +0000

End at: Sun, 16 Jul 2017 23:01:00 +0000

Local clock offset: -3.568 ms

Remote clock offset: 0.827 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:40:03 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.03 Mbit/s

95th percentile per-packet one-way delay: 2.159 ms

Loss rate: 0.07%

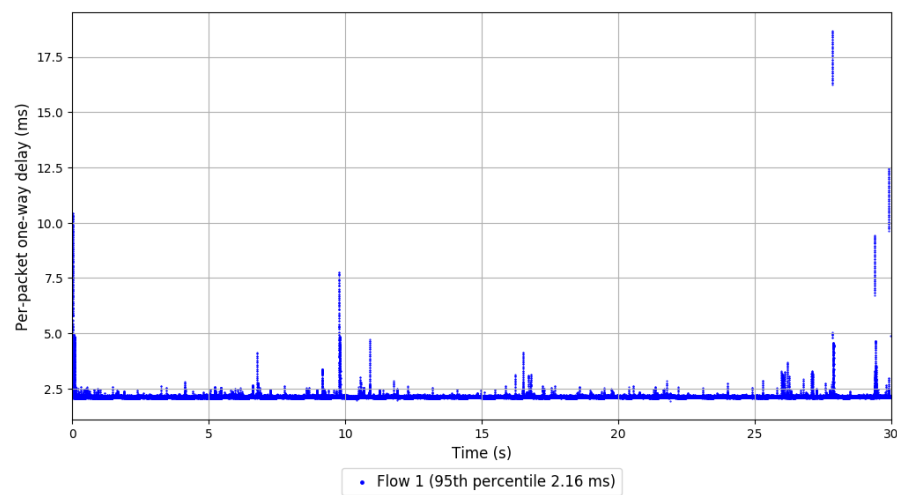
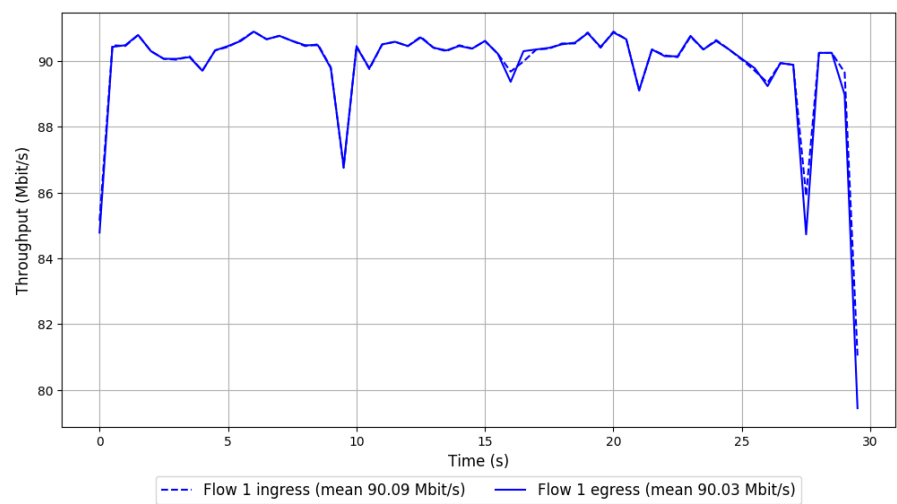
-- Flow 1:

Average throughput: 90.03 Mbit/s

95th percentile per-packet one-way delay: 2.159 ms

Loss rate: 0.07%

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



Run 5: Statistics of TaoVA-100x

Start at: Sun, 16 Jul 2017 23:17:30 +0000

End at: Sun, 16 Jul 2017 23:18:00 +0000

Local clock offset: -3.811 ms

Remote clock offset: 1.183 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.86 Mbit/s

95th percentile per-packet one-way delay: 2.139 ms

Loss rate: 0.06%

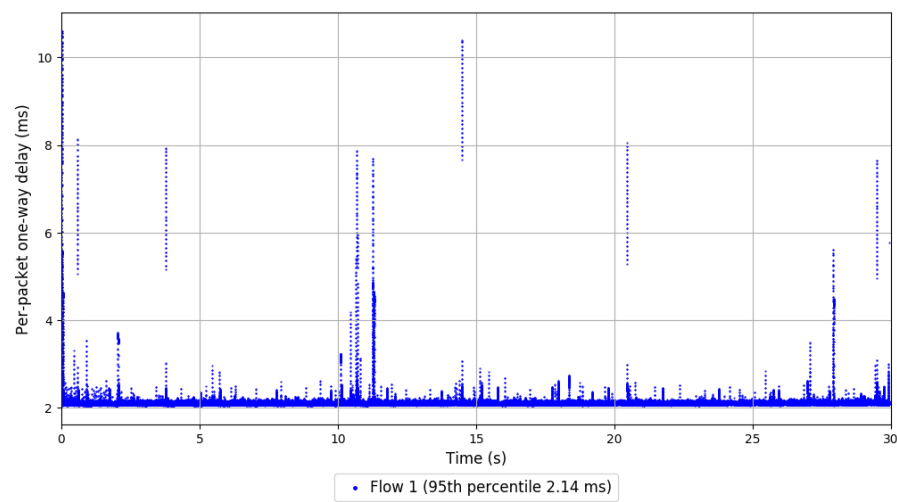
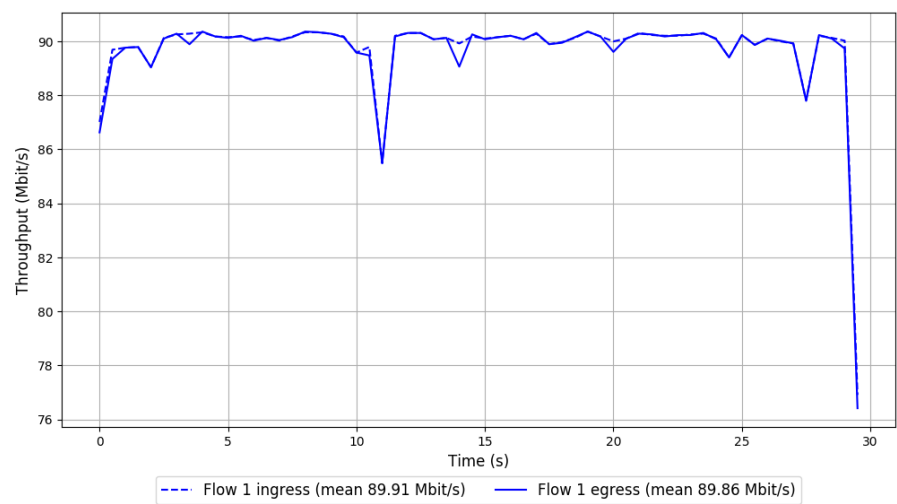
-- Flow 1:

Average throughput: 89.86 Mbit/s

95th percentile per-packet one-way delay: 2.139 ms

Loss rate: 0.06%

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



Run 6: Statistics of TaoVA-100x

Start at: Sun, 16 Jul 2017 23:34:28 +0000

End at: Sun, 16 Jul 2017 23:34:58 +0000

Local clock offset: -3.929 ms

Remote clock offset: 0.948 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:40:25 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.93 Mbit/s

95th percentile per-packet one-way delay: 2.243 ms

Loss rate: 0.02%

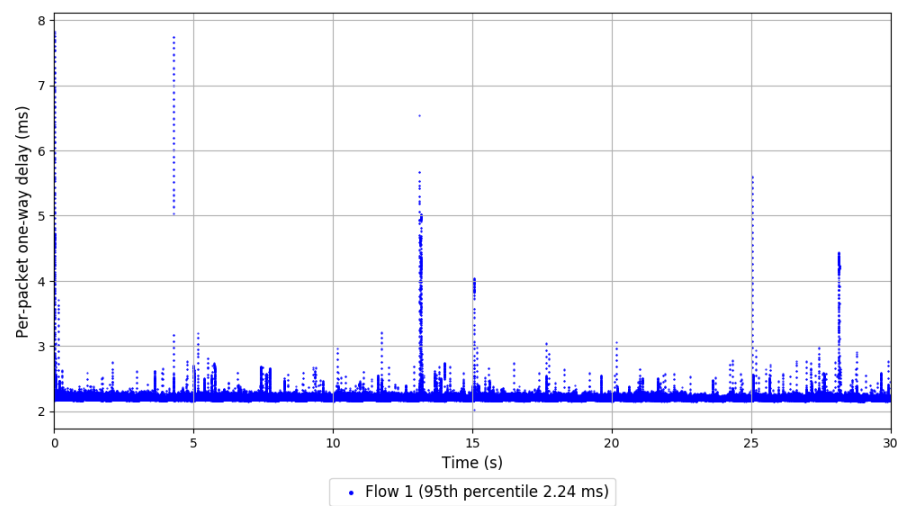
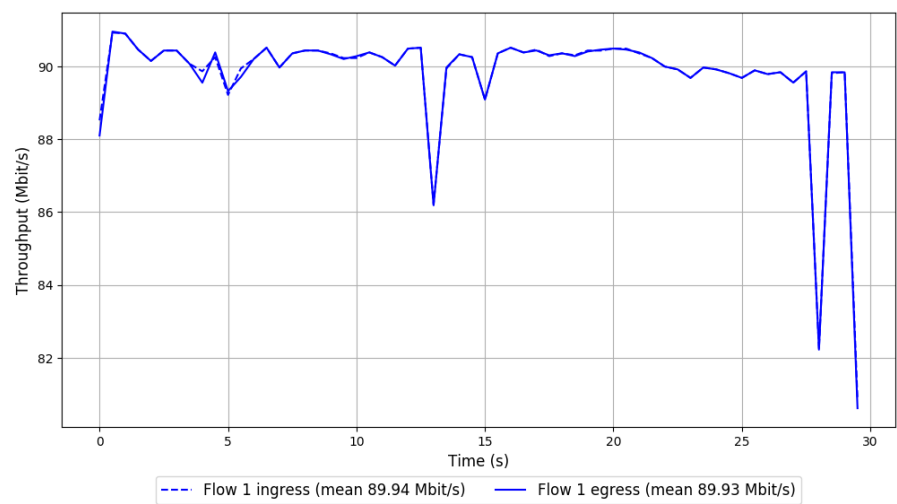
-- Flow 1:

Average throughput: 89.93 Mbit/s

95th percentile per-packet one-way delay: 2.243 ms

Loss rate: 0.02%

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



Run 7: Statistics of TaoVA-100x

Start at: Sun, 16 Jul 2017 23:51:25 +0000

End at: Sun, 16 Jul 2017 23:51:55 +0000

Local clock offset: -4.305 ms

Remote clock offset: 0.37 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:40:39 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.73 Mbit/s

95th percentile per-packet one-way delay: 2.097 ms

Loss rate: 0.19%

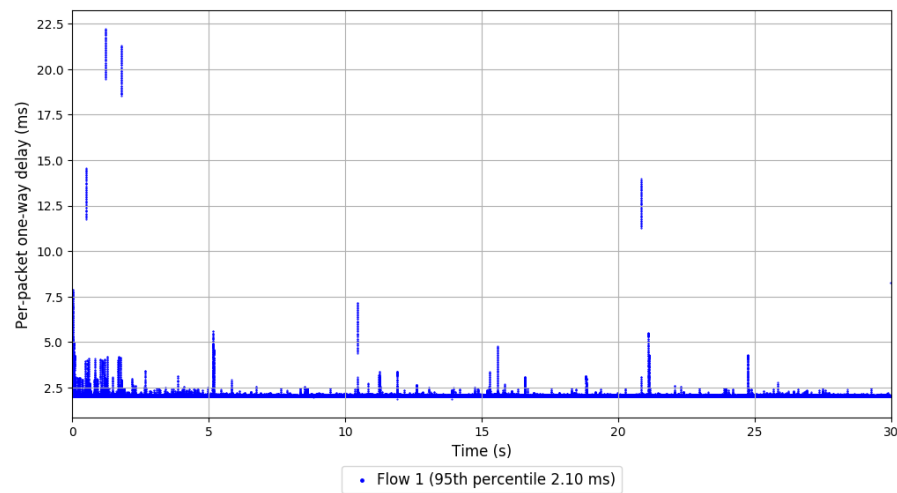
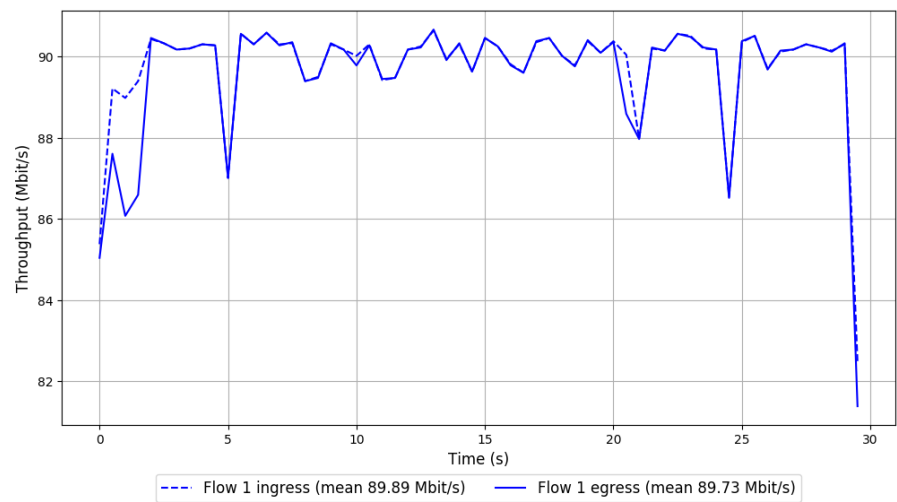
-- Flow 1:

Average throughput: 89.73 Mbit/s

95th percentile per-packet one-way delay: 2.097 ms

Loss rate: 0.19%

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



Run 8: Statistics of TaoVA-100x

Start at: Mon, 17 Jul 2017 00:08:24 +0000

End at: Mon, 17 Jul 2017 00:08:54 +0000

Local clock offset: -4.536 ms

Remote clock offset: -0.339 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:40:47 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.44 Mbit/s

95th percentile per-packet one-way delay: 2.101 ms

Loss rate: 0.16%

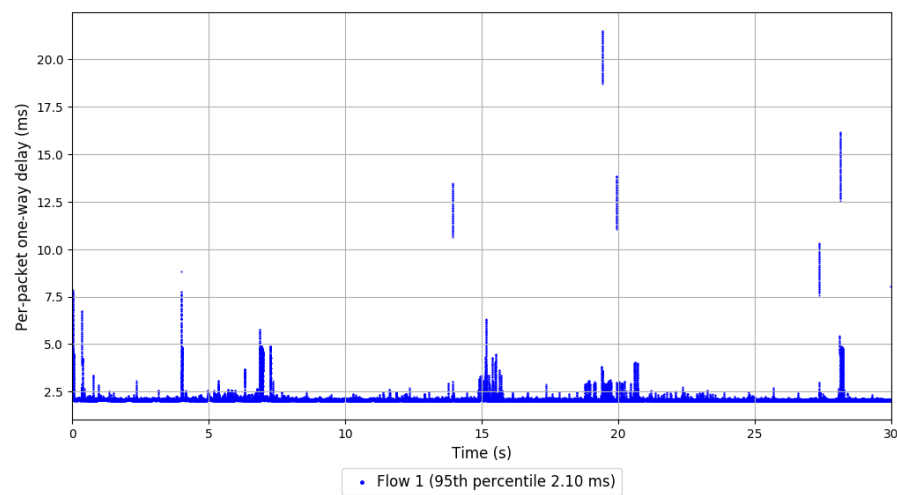
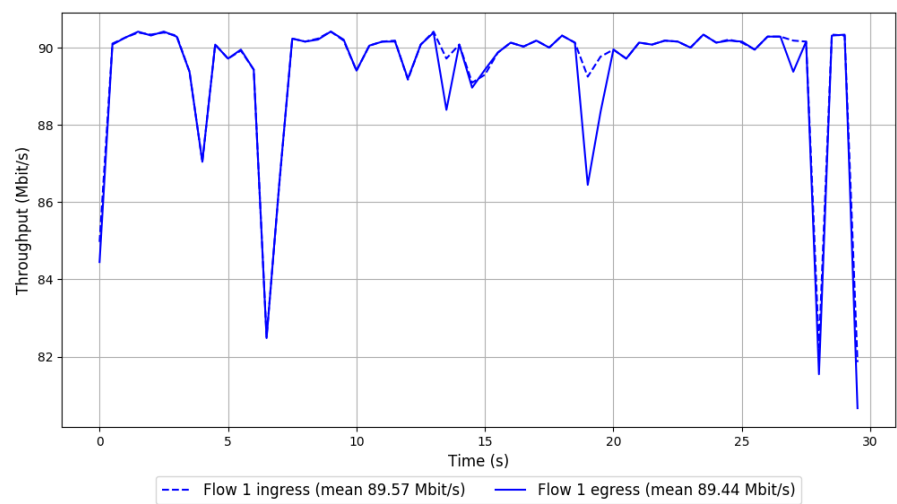
-- Flow 1:

Average throughput: 89.44 Mbit/s

95th percentile per-packet one-way delay: 2.101 ms

Loss rate: 0.16%

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



Run 9: Statistics of TaoVA-100x

Start at: Mon, 17 Jul 2017 00:25:22 +0000

End at: Mon, 17 Jul 2017 00:25:52 +0000

Local clock offset: -4.27 ms

Remote clock offset: -0.691 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.26 Mbit/s

95th percentile per-packet one-way delay: 2.253 ms

Loss rate: 0.14%

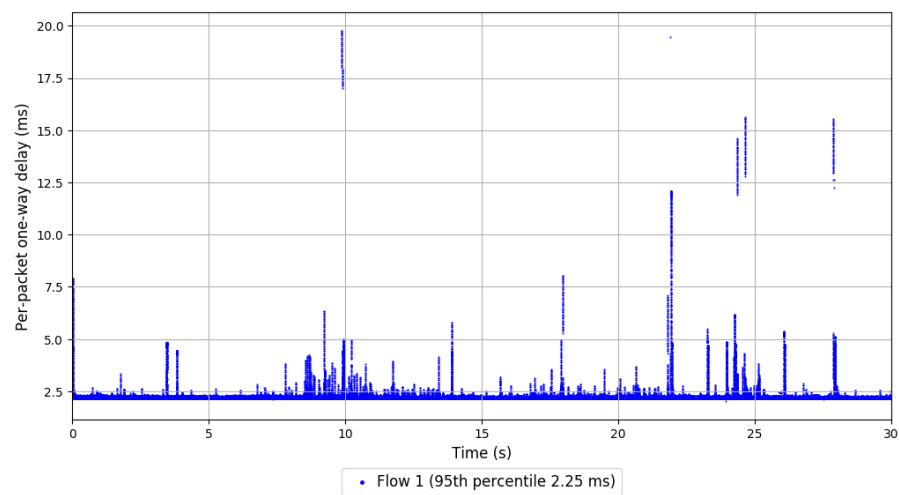
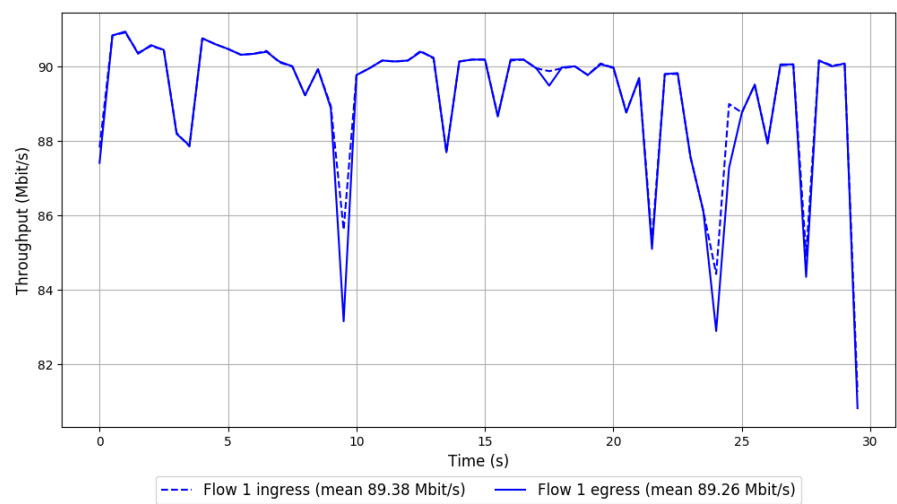
-- Flow 1:

Average throughput: 89.26 Mbit/s

95th percentile per-packet one-way delay: 2.253 ms

Loss rate: 0.14%

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



Run 10: Statistics of TaoVA-100x

Start at: Mon, 17 Jul 2017 00:42:21 +0000

End at: Mon, 17 Jul 2017 00:42:51 +0000

Local clock offset: -3.568 ms

Remote clock offset: -0.848 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:41:09 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.70 Mbit/s

95th percentile per-packet one-way delay: 2.168 ms

Loss rate: 0.21%

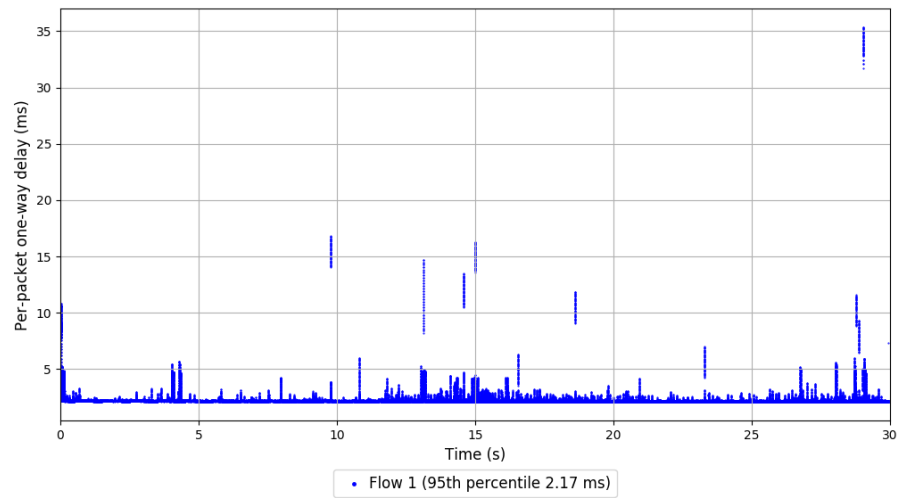
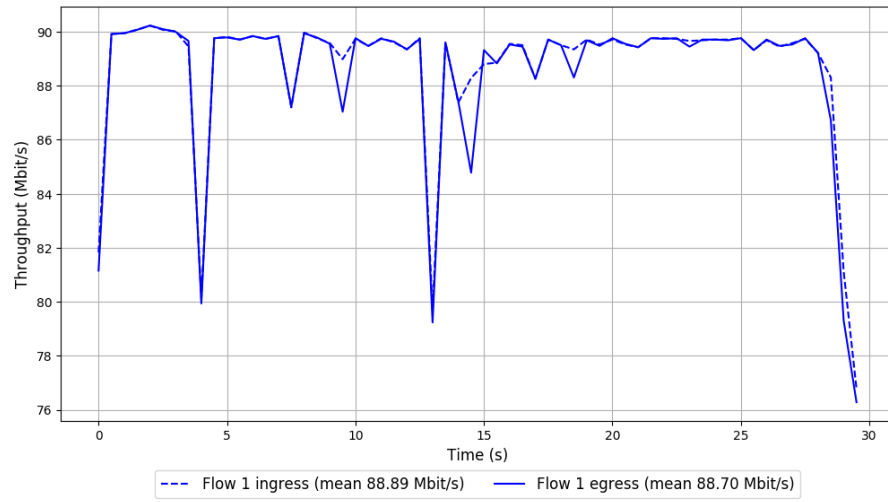
-- Flow 1:

Average throughput: 88.70 Mbit/s

95th percentile per-packet one-way delay: 2.168 ms

Loss rate: 0.21%

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



Run 1: Statistics of TCP Vegas

Start at: Sun, 16 Jul 2017 22:05:03 +0000

End at: Sun, 16 Jul 2017 22:05:33 +0000

Local clock offset: -3.344 ms

Remote clock offset: 1.187 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:41:15 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.83 Mbit/s

95th percentile per-packet one-way delay: 3.786 ms

Loss rate: 0.02%

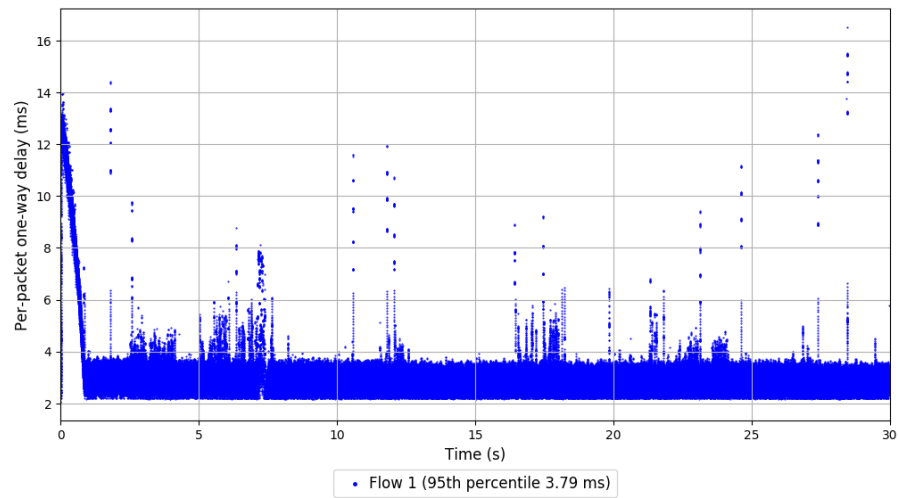
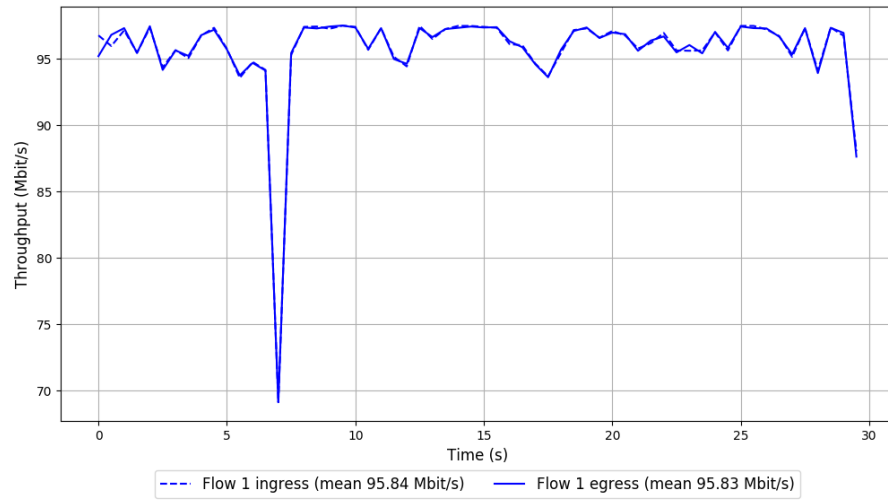
-- Flow 1:

Average throughput: 95.83 Mbit/s

95th percentile per-packet one-way delay: 3.786 ms

Loss rate: 0.02%

Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

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

End at: Sun, 16 Jul 2017 22:22:31 +0000

Local clock offset: -3.477 ms

Remote clock offset: 1.422 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:41:21 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.85 Mbit/s

95th percentile per-packet one-way delay: 3.285 ms

Loss rate: 0.02%

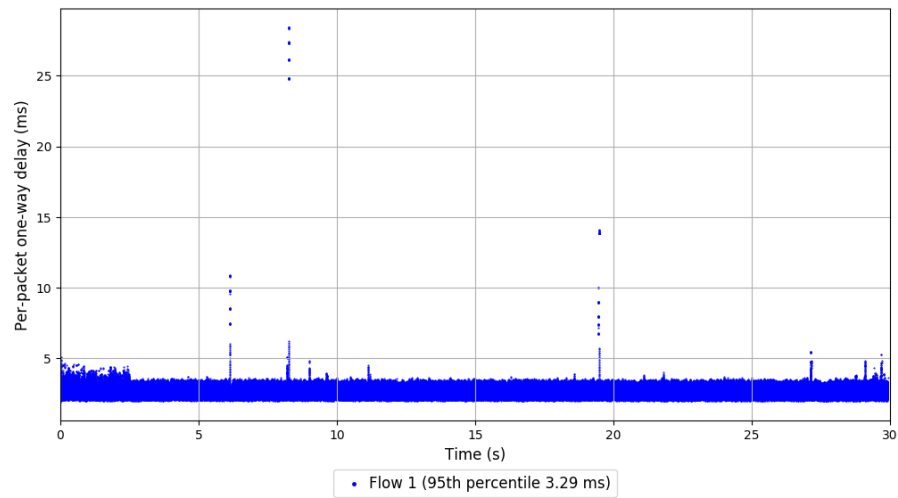
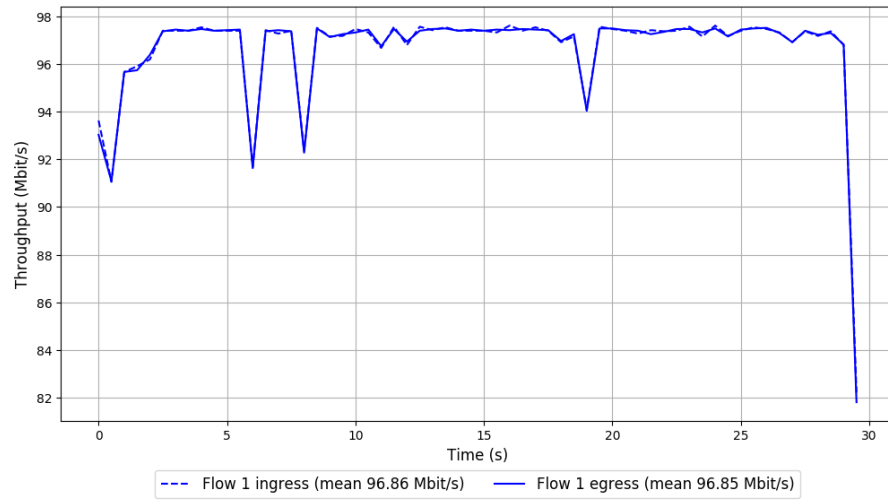
-- Flow 1:

Average throughput: 96.85 Mbit/s

95th percentile per-packet one-way delay: 3.285 ms

Loss rate: 0.02%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: Sun, 16 Jul 2017 22:38:54 +0000

End at: Sun, 16 Jul 2017 22:39:24 +0000

Local clock offset: -3.4 ms

Remote clock offset: 1.187 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:41:28 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.72 Mbit/s

95th percentile per-packet one-way delay: 3.300 ms

Loss rate: 0.02%

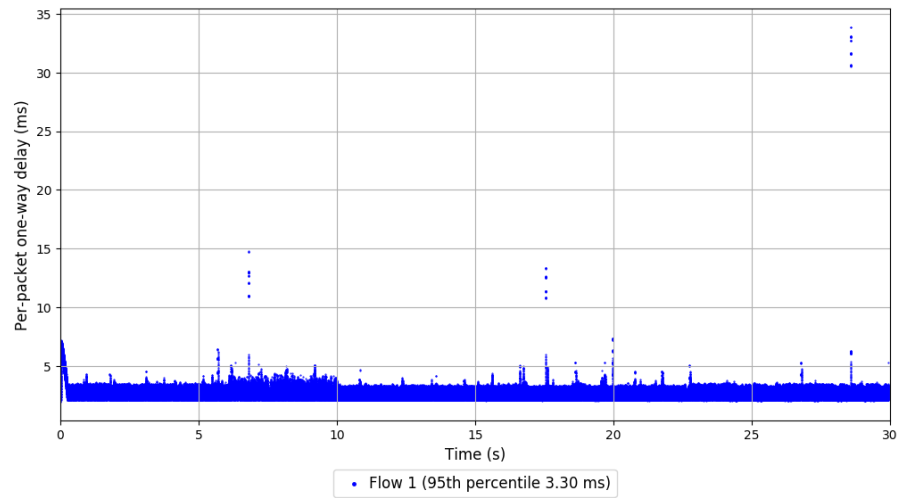
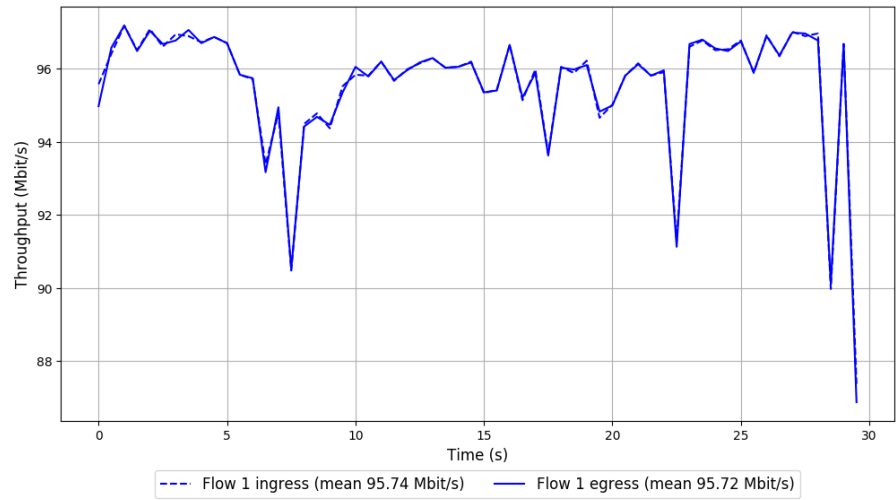
-- Flow 1:

Average throughput: 95.72 Mbit/s

95th percentile per-packet one-way delay: 3.300 ms

Loss rate: 0.02%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: Sun, 16 Jul 2017 22:55:56 +0000

End at: Sun, 16 Jul 2017 22:56:26 +0000

Local clock offset: -3.532 ms

Remote clock offset: 0.773 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:41:34 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.48 Mbit/s

95th percentile per-packet one-way delay: 3.294 ms

Loss rate: 0.01%

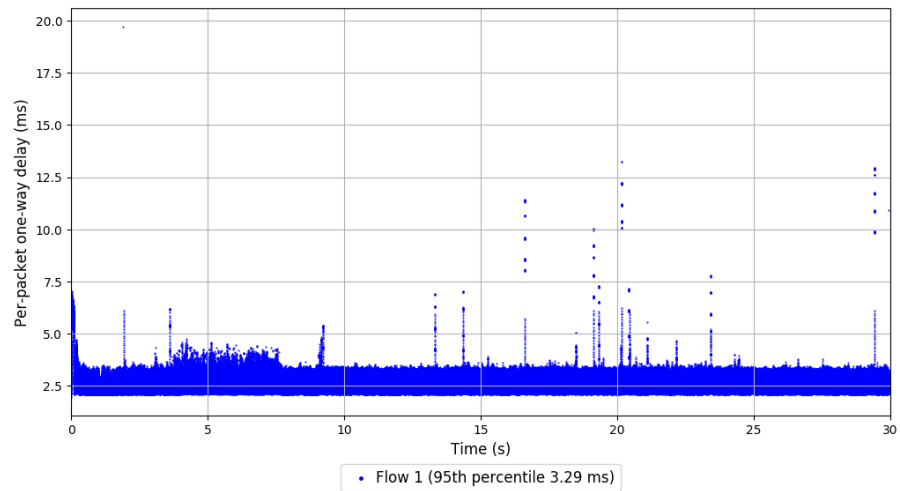
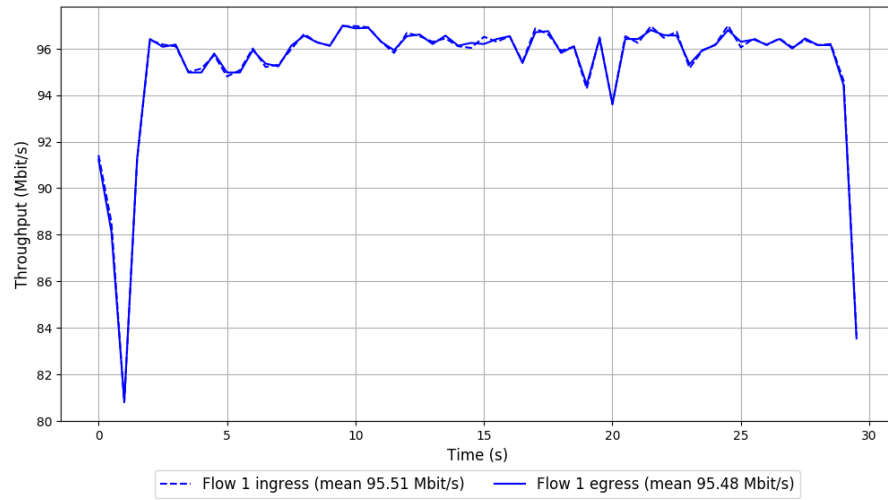
-- Flow 1:

Average throughput: 95.48 Mbit/s

95th percentile per-packet one-way delay: 3.294 ms

Loss rate: 0.01%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: Sun, 16 Jul 2017 23:12:56 +0000

End at: Sun, 16 Jul 2017 23:13:26 +0000

Local clock offset: -3.737 ms

Remote clock offset: 1.117 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.98 Mbit/s

95th percentile per-packet one-way delay: 3.264 ms

Loss rate: 0.01%

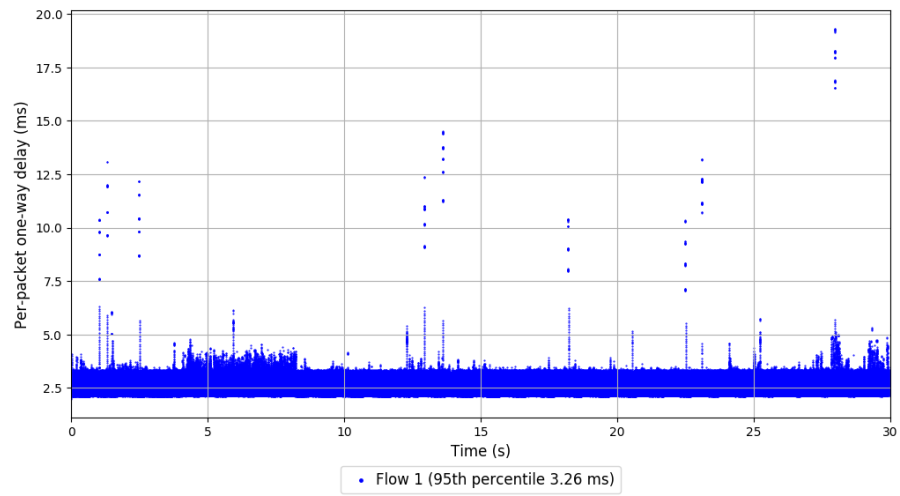
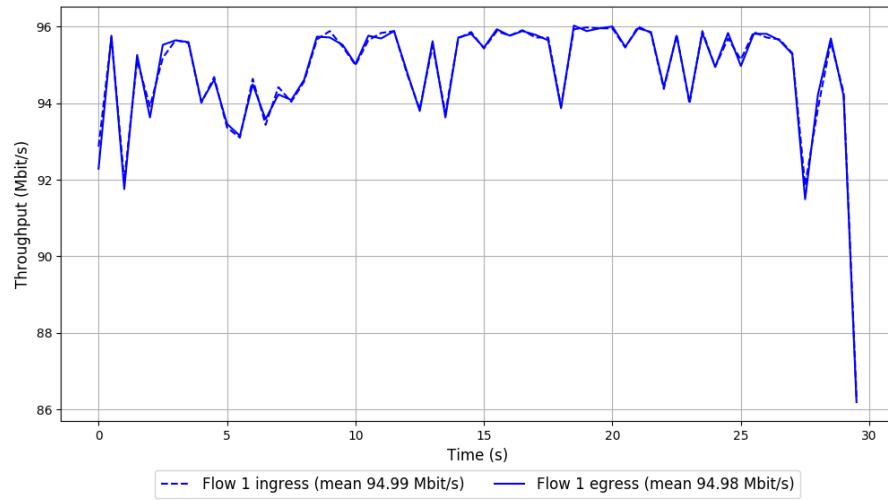
-- Flow 1:

Average throughput: 94.98 Mbit/s

95th percentile per-packet one-way delay: 3.264 ms

Loss rate: 0.01%

Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: Sun, 16 Jul 2017 23:29:54 +0000

End at: Sun, 16 Jul 2017 23:30:24 +0000

Local clock offset: -3.917 ms

Remote clock offset: 1.117 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:41:47 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.48 Mbit/s

95th percentile per-packet one-way delay: 3.775 ms

Loss rate: 0.01%

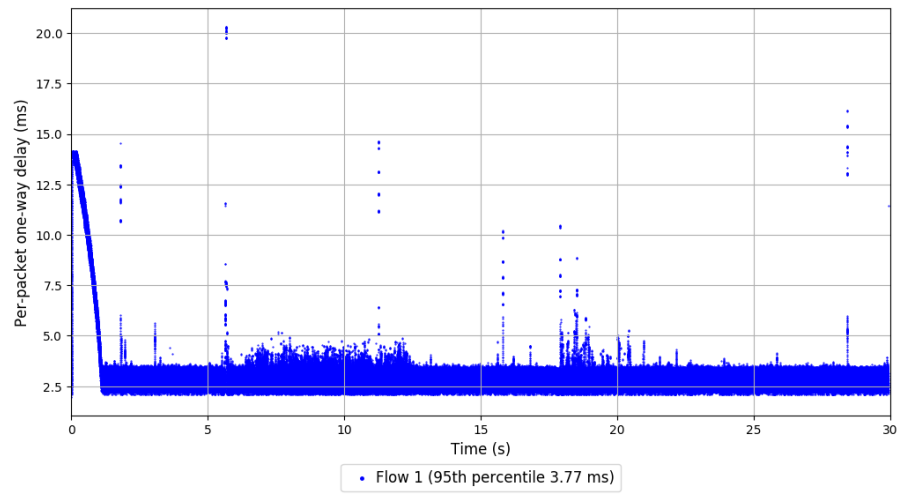
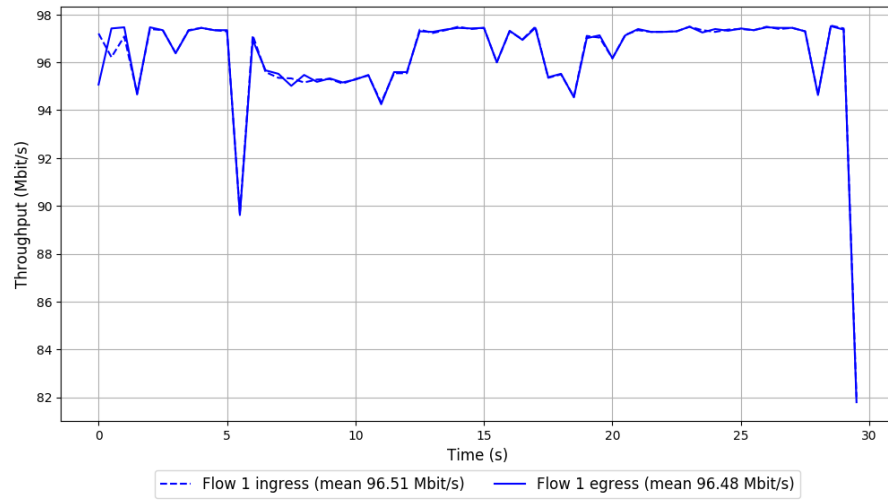
-- Flow 1:

Average throughput: 96.48 Mbit/s

95th percentile per-packet one-way delay: 3.775 ms

Loss rate: 0.01%

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: Sun, 16 Jul 2017 23:46:52 +0000

End at: Sun, 16 Jul 2017 23:47:22 +0000

Local clock offset: -4.117 ms

Remote clock offset: 0.579 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:41:54 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.61 Mbit/s

95th percentile per-packet one-way delay: 3.415 ms

Loss rate: 0.02%

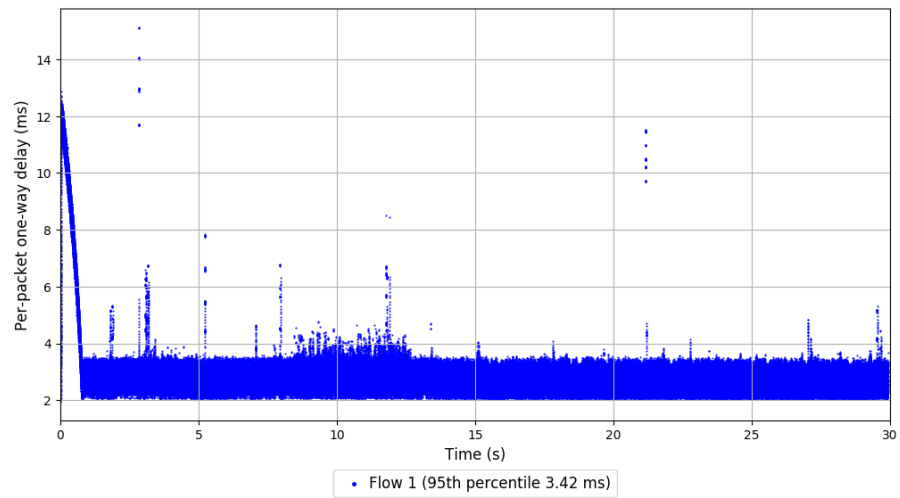
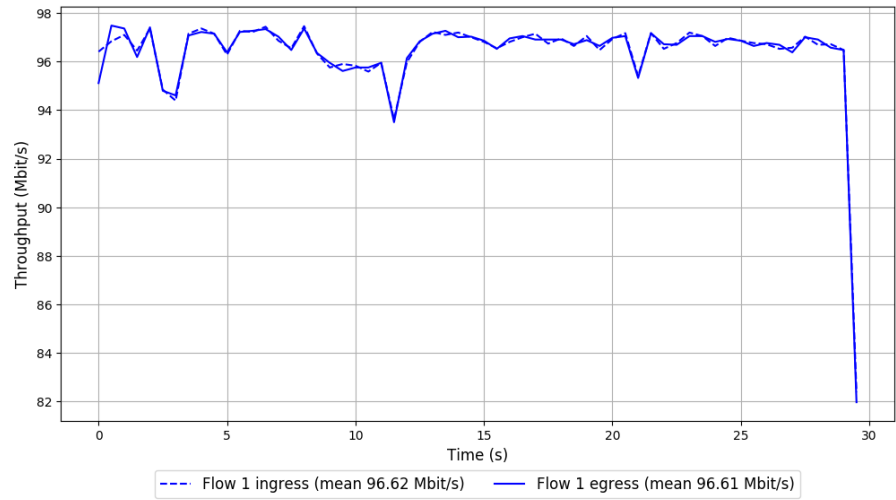
-- Flow 1:

Average throughput: 96.61 Mbit/s

95th percentile per-packet one-way delay: 3.415 ms

Loss rate: 0.02%

Run 7: Report of TCP Vegas — Data Link



Run 8: Statistics of TCP Vegas

Start at: Mon, 17 Jul 2017 00:03:50 +0000

End at: Mon, 17 Jul 2017 00:04:20 +0000

Local clock offset: -4.41 ms

Remote clock offset: -0.122 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:42:00 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.20 Mbit/s

95th percentile per-packet one-way delay: 3.451 ms

Loss rate: 0.02%

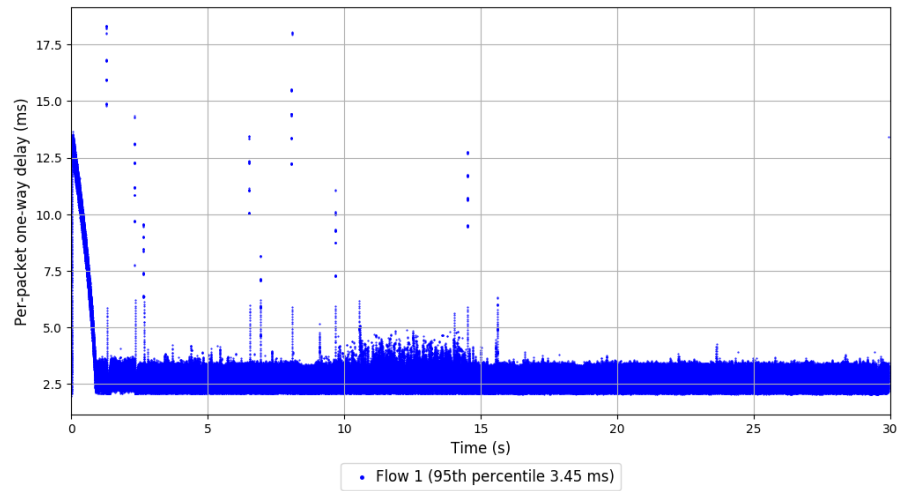
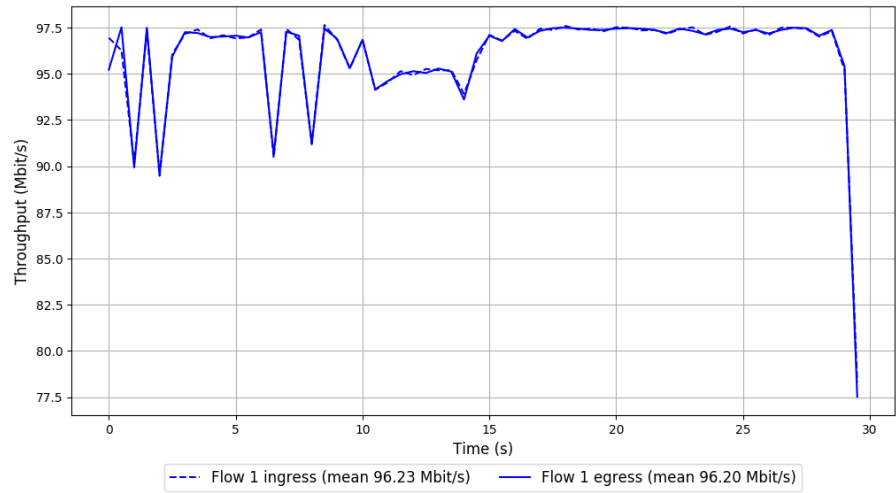
-- Flow 1:

Average throughput: 96.20 Mbit/s

95th percentile per-packet one-way delay: 3.451 ms

Loss rate: 0.02%

Run 8: Report of TCP Vegas — Data Link



Run 9: Statistics of TCP Vegas

Start at: Mon, 17 Jul 2017 00:20:49 +0000

End at: Mon, 17 Jul 2017 00:21:19 +0000

Local clock offset: -4.356 ms

Remote clock offset: -0.564 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:42:07 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.82 Mbit/s

95th percentile per-packet one-way delay: 3.427 ms

Loss rate: 0.02%

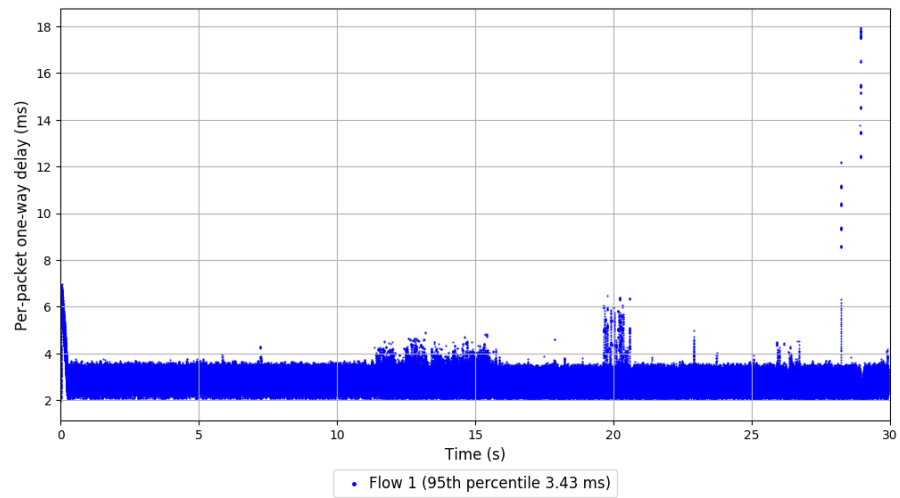
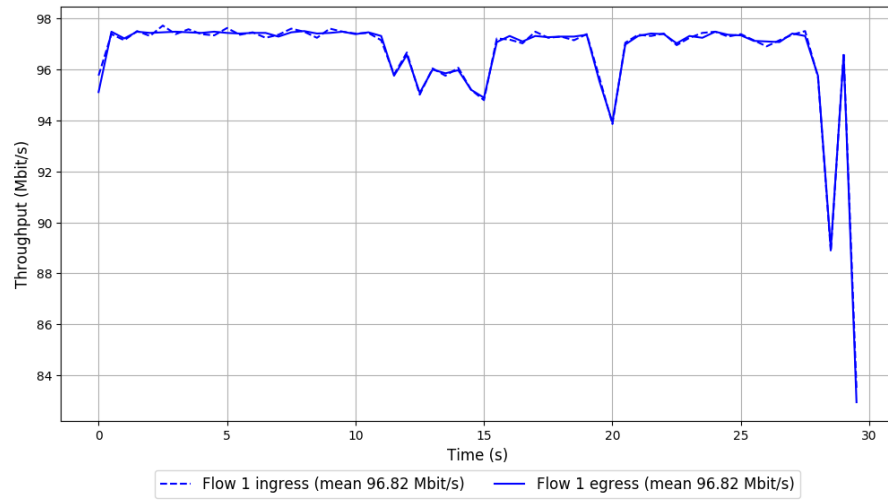
-- Flow 1:

Average throughput: 96.82 Mbit/s

95th percentile per-packet one-way delay: 3.427 ms

Loss rate: 0.02%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: Mon, 17 Jul 2017 00:37:47 +0000

End at: Mon, 17 Jul 2017 00:38:17 +0000

Local clock offset: -3.807 ms

Remote clock offset: -0.798 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:42:13 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.55 Mbit/s

95th percentile per-packet one-way delay: 3.359 ms

Loss rate: 0.01%

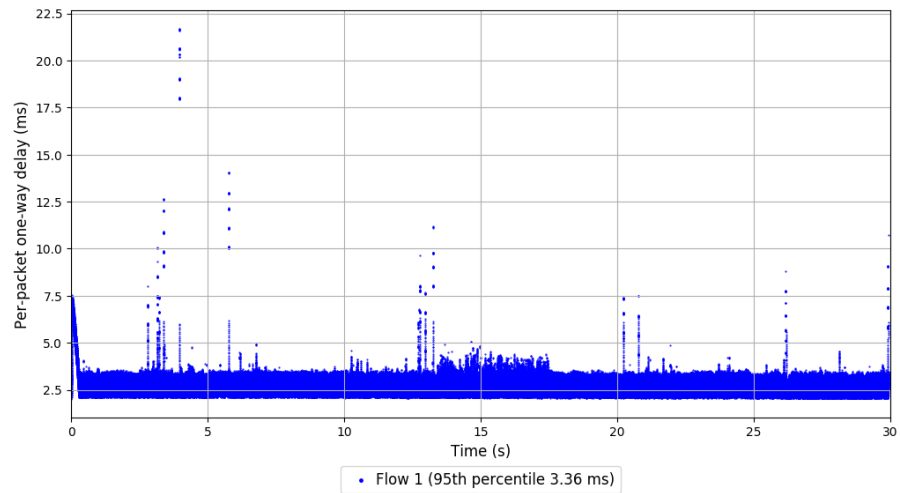
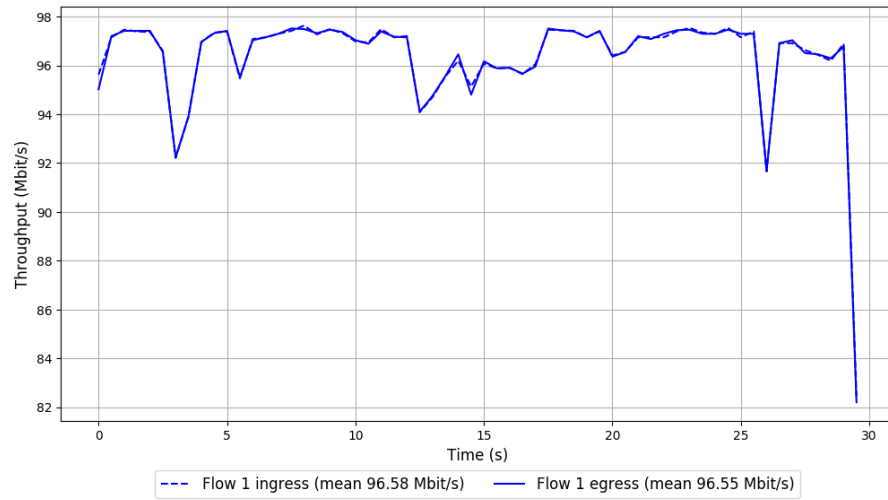
-- Flow 1:

Average throughput: 96.55 Mbit/s

95th percentile per-packet one-way delay: 3.359 ms

Loss rate: 0.01%

Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: Sun, 16 Jul 2017 21:59:26 +0000

End at: Sun, 16 Jul 2017 21:59:56 +0000

Local clock offset: -3.388 ms

Remote clock offset: 1.19 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:42:18 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.87 Mbit/s

95th percentile per-packet one-way delay: 10.299 ms

Loss rate: 0.22%

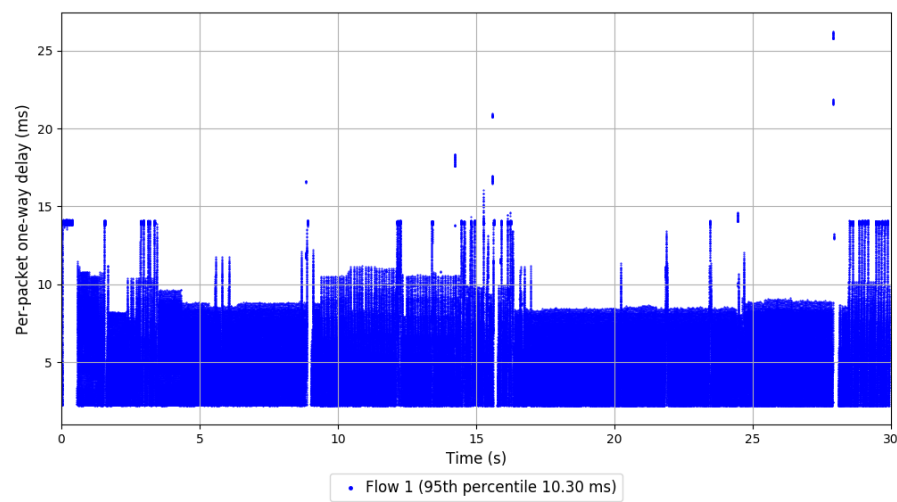
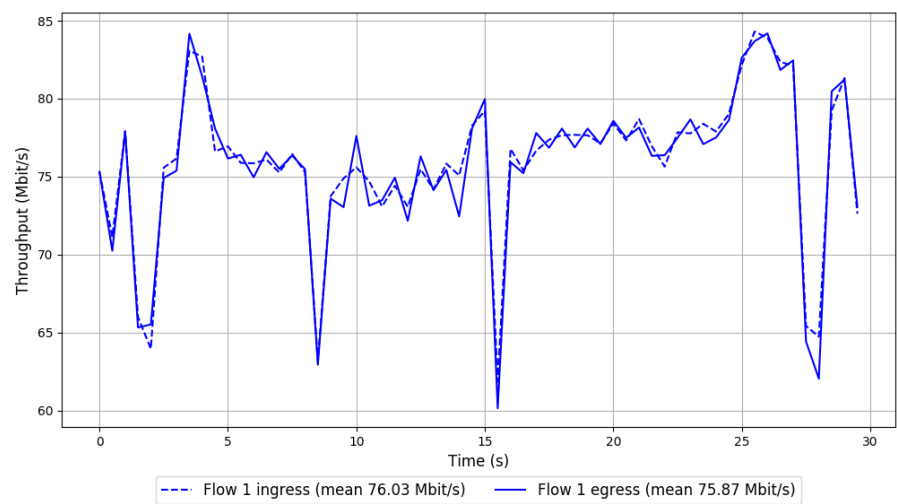
-- Flow 1:

Average throughput: 75.87 Mbit/s

95th percentile per-packet one-way delay: 10.299 ms

Loss rate: 0.22%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: Sun, 16 Jul 2017 22:16:24 +0000

End at: Sun, 16 Jul 2017 22:16:54 +0000

Local clock offset: -3.394 ms

Remote clock offset: 1.298 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:42:24 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.48 Mbit/s

95th percentile per-packet one-way delay: 12.352 ms

Loss rate: 0.15%

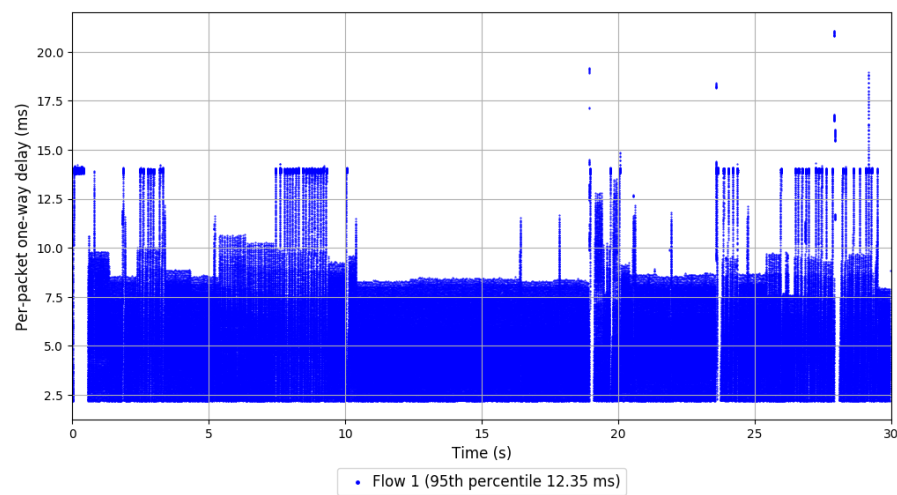
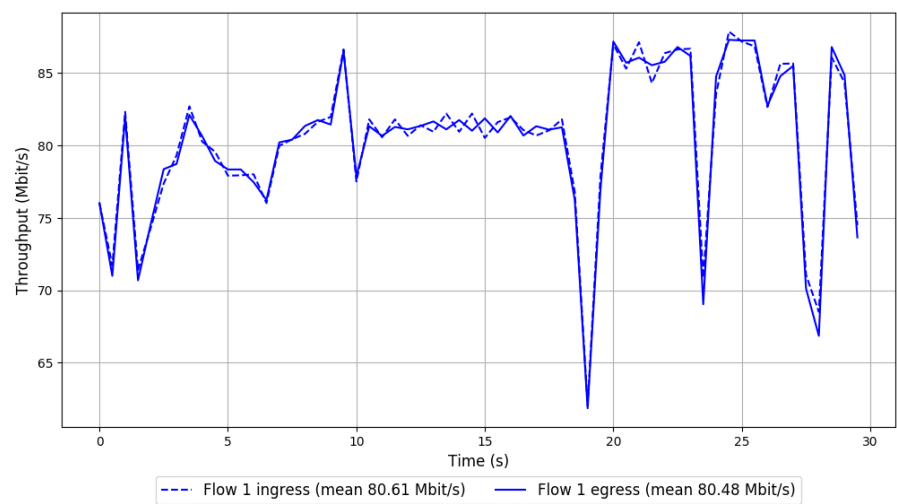
-- Flow 1:

Average throughput: 80.48 Mbit/s

95th percentile per-packet one-way delay: 12.352 ms

Loss rate: 0.15%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: Sun, 16 Jul 2017 22:33:23 +0000

End at: Sun, 16 Jul 2017 22:33:53 +0000

Local clock offset: -3.432 ms

Remote clock offset: 1.314 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.76 Mbit/s

95th percentile per-packet one-way delay: 11.171 ms

Loss rate: 0.18%

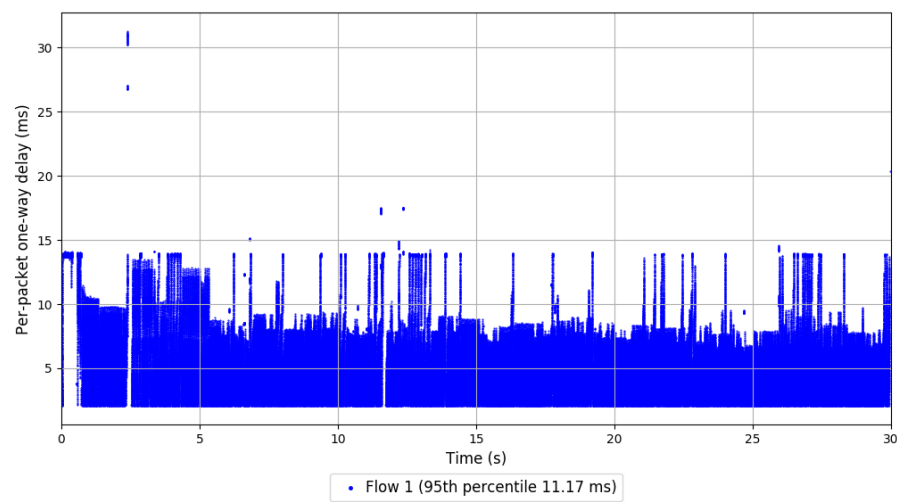
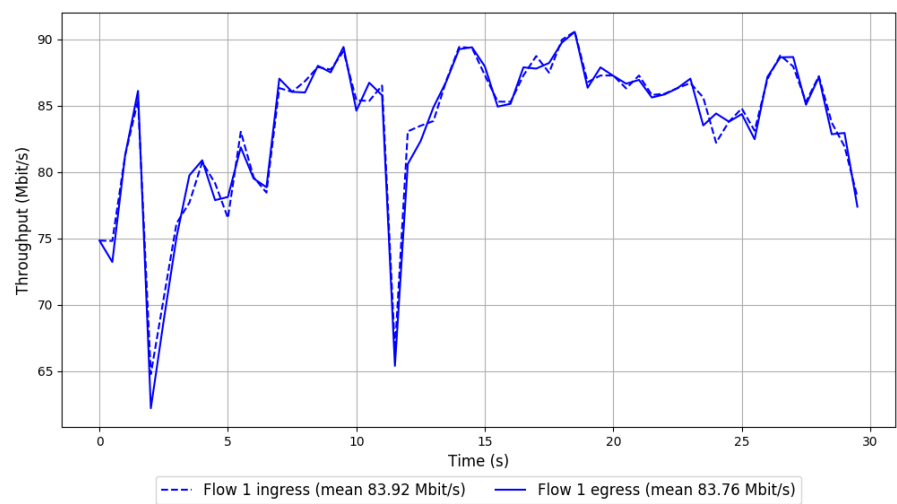
-- Flow 1:

Average throughput: 83.76 Mbit/s

95th percentile per-packet one-way delay: 11.171 ms

Loss rate: 0.18%

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: Sun, 16 Jul 2017 22:50:15 +0000

End at: Sun, 16 Jul 2017 22:50:45 +0000

Local clock offset: -3.581 ms

Remote clock offset: 0.613 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:42:35 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.06 Mbit/s

95th percentile per-packet one-way delay: 10.697 ms

Loss rate: 0.16%

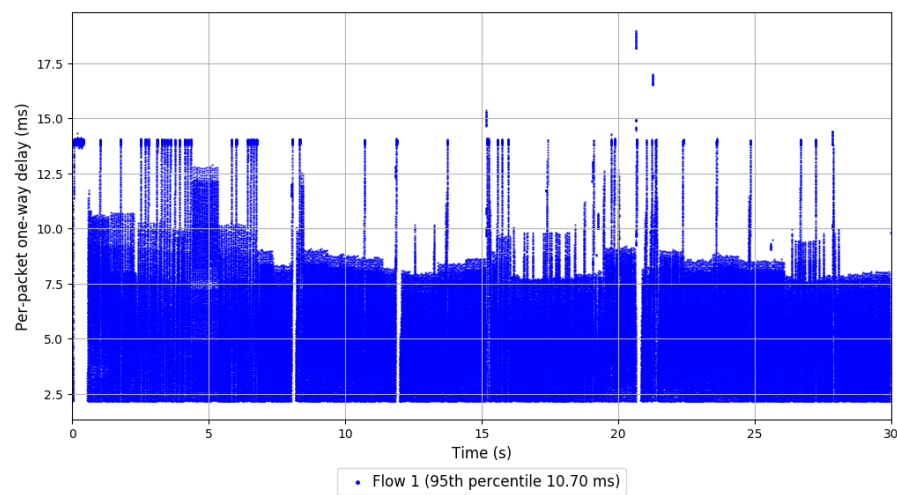
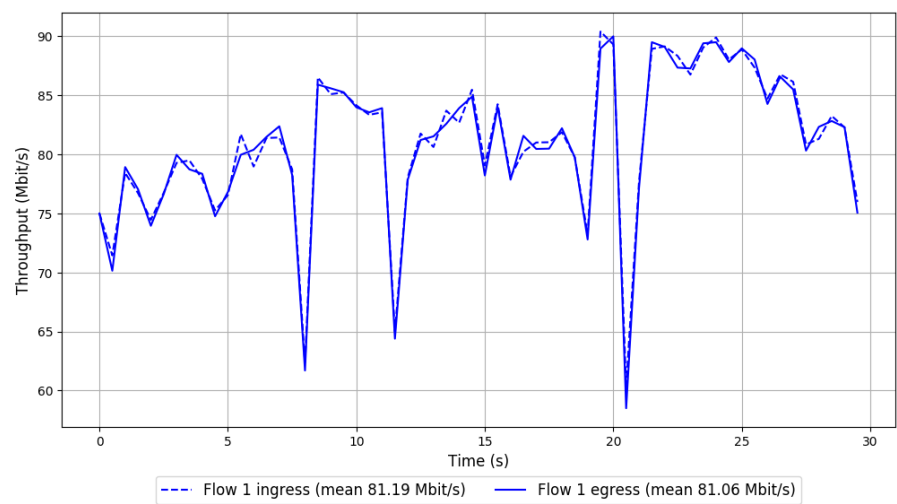
-- Flow 1:

Average throughput: 81.06 Mbit/s

95th percentile per-packet one-way delay: 10.697 ms

Loss rate: 0.16%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: Sun, 16 Jul 2017 23:07:18 +0000

End at: Sun, 16 Jul 2017 23:07:48 +0000

Local clock offset: -3.591 ms

Remote clock offset: 1.003 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:42:41 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.72 Mbit/s

95th percentile per-packet one-way delay: 10.805 ms

Loss rate: 0.16%

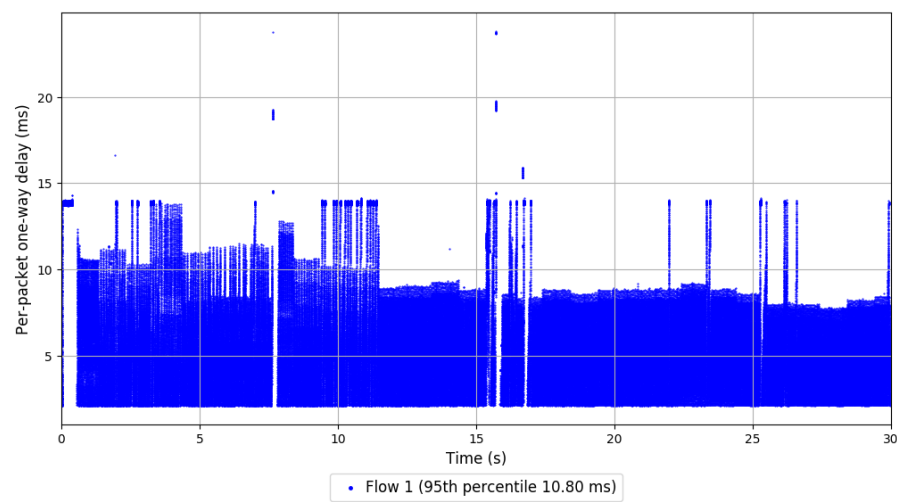
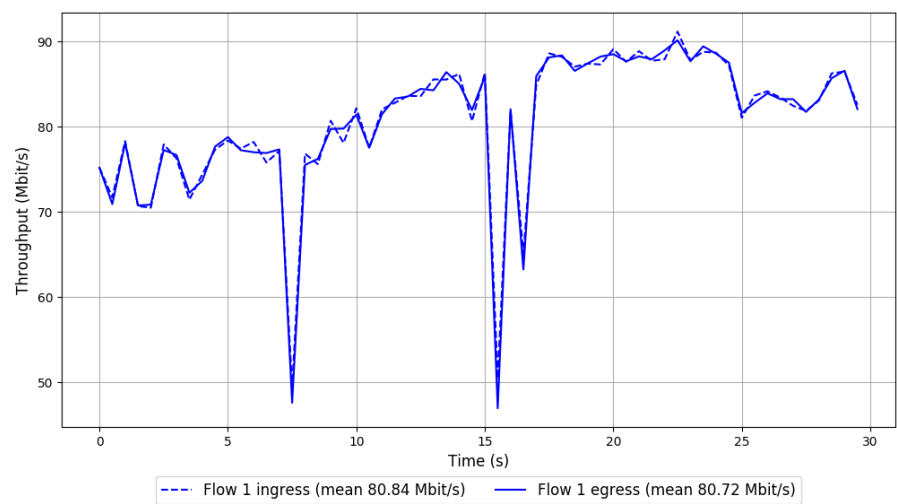
-- Flow 1:

Average throughput: 80.72 Mbit/s

95th percentile per-packet one-way delay: 10.805 ms

Loss rate: 0.16%

Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: Sun, 16 Jul 2017 23:24:17 +0000

End at: Sun, 16 Jul 2017 23:24:47 +0000

Local clock offset: -3.82 ms

Remote clock offset: 1.208 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:42:46 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.15 Mbit/s

95th percentile per-packet one-way delay: 11.458 ms

Loss rate: 0.22%

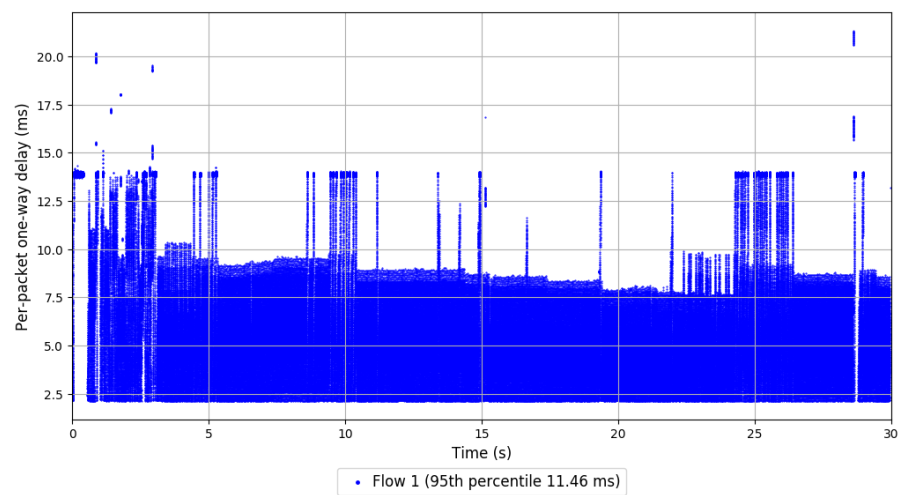
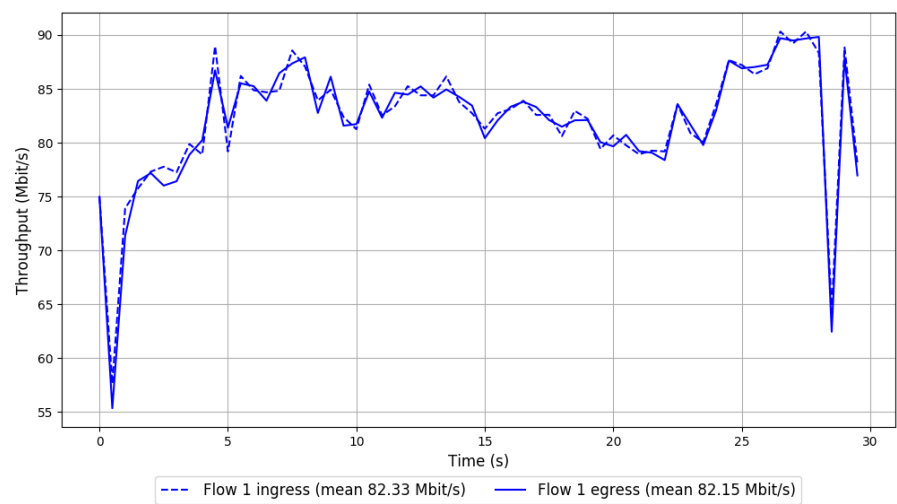
-- Flow 1:

Average throughput: 82.15 Mbit/s

95th percentile per-packet one-way delay: 11.458 ms

Loss rate: 0.22%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: Sun, 16 Jul 2017 23:41:15 +0000

End at: Sun, 16 Jul 2017 23:41:45 +0000

Local clock offset: -4.099 ms

Remote clock offset: 0.78 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:42:52 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.94 Mbit/s

95th percentile per-packet one-way delay: 9.219 ms

Loss rate: 0.19%

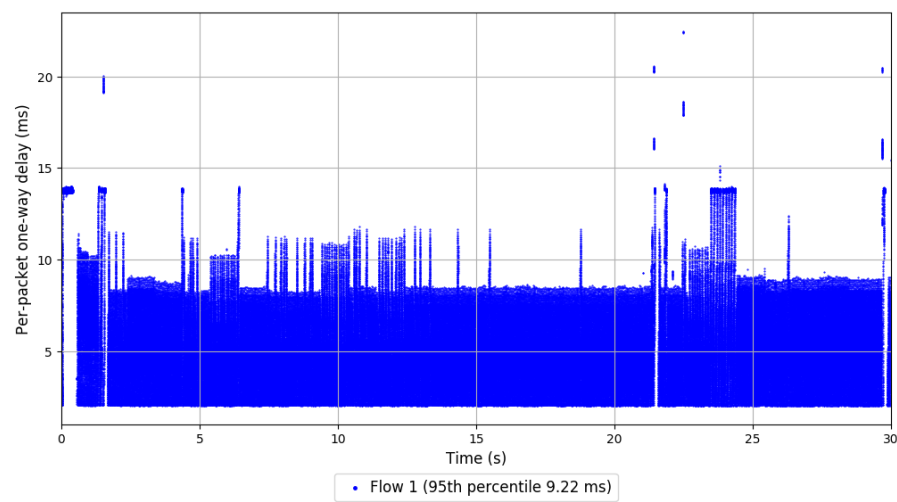
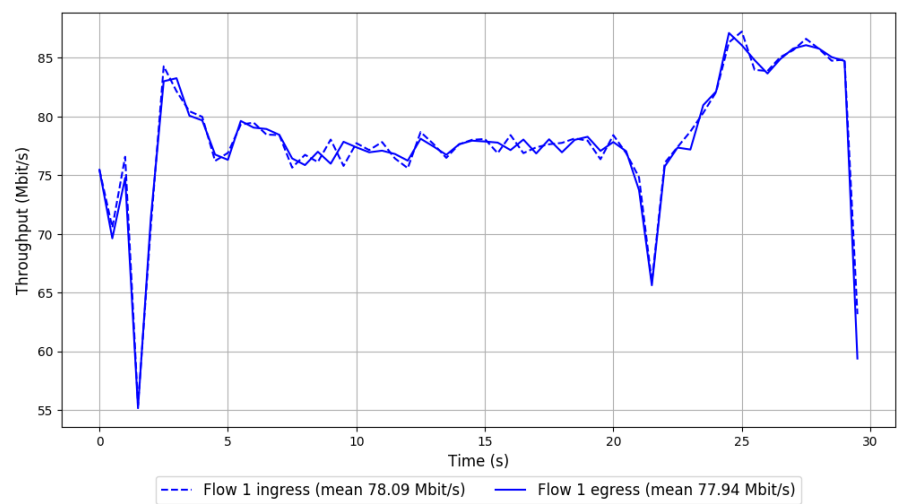
-- Flow 1:

Average throughput: 77.94 Mbit/s

95th percentile per-packet one-way delay: 9.219 ms

Loss rate: 0.19%

Run 7: Report of Verus — Data Link



Run 8: Statistics of Verus

Start at: Sun, 16 Jul 2017 23:58:13 +0000

End at: Sun, 16 Jul 2017 23:58:43 +0000

Local clock offset: -4.275 ms

Remote clock offset: 0.144 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:42:57 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.94 Mbit/s

95th percentile per-packet one-way delay: 10.743 ms

Loss rate: 0.13%

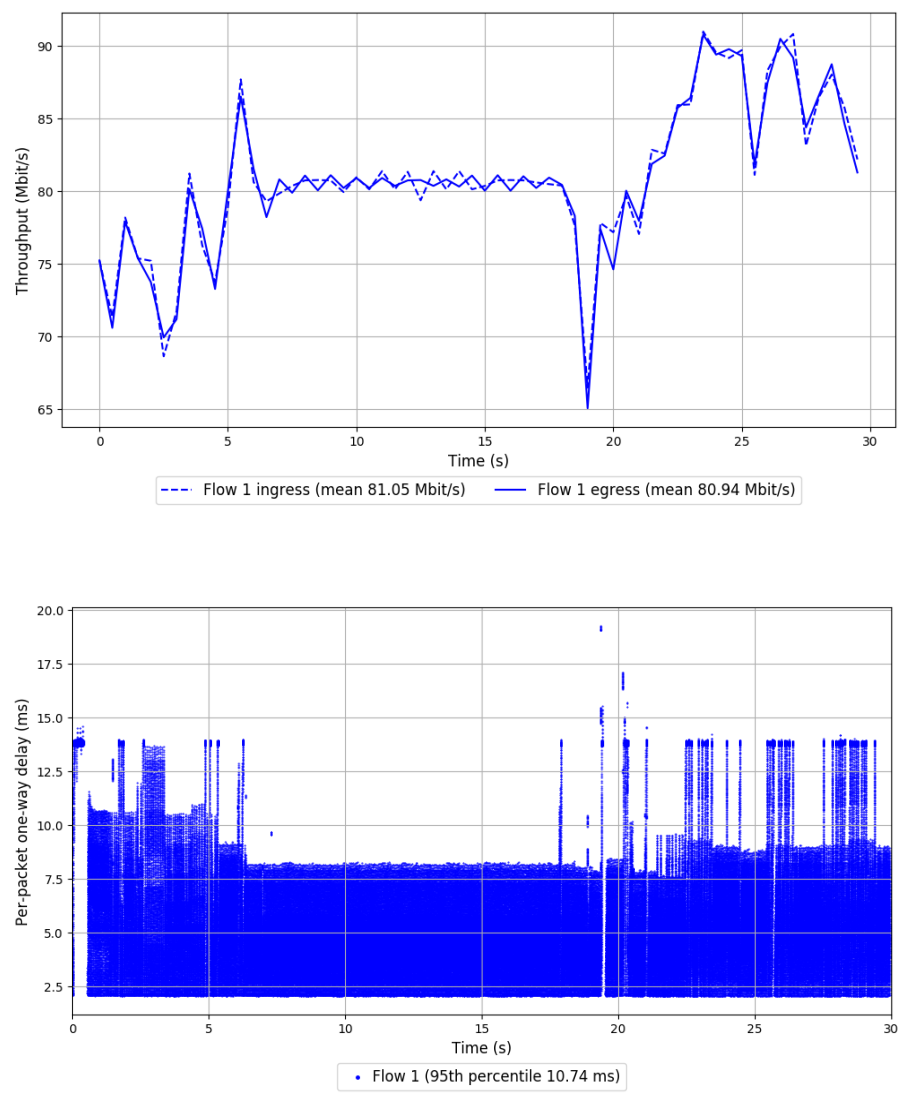
-- Flow 1:

Average throughput: 80.94 Mbit/s

95th percentile per-packet one-way delay: 10.743 ms

Loss rate: 0.13%

Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

Start at: Mon, 17 Jul 2017 00:15:12 +0000

End at: Mon, 17 Jul 2017 00:15:42 +0000

Local clock offset: -4.579 ms

Remote clock offset: -0.625 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:43:03 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.03 Mbit/s

95th percentile per-packet one-way delay: 9.204 ms

Loss rate: 0.16%

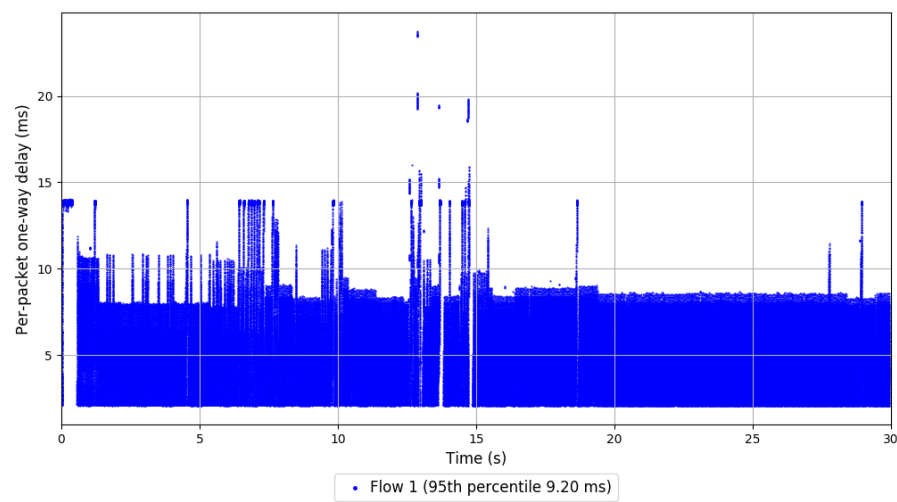
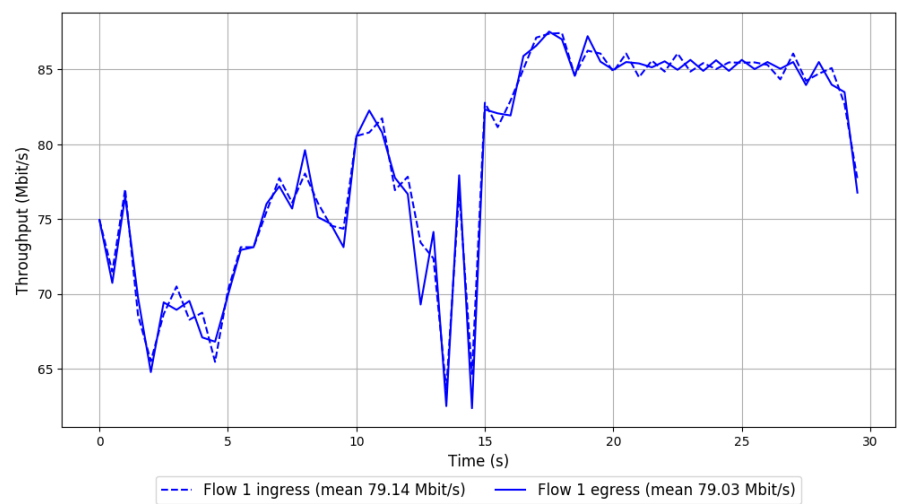
-- Flow 1:

Average throughput: 79.03 Mbit/s

95th percentile per-packet one-way delay: 9.204 ms

Loss rate: 0.16%

Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

Start at: Mon, 17 Jul 2017 00:32:10 +0000

End at: Mon, 17 Jul 2017 00:32:40 +0000

Local clock offset: -4.136 ms

Remote clock offset: -0.745 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:43:12 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.22 Mbit/s

95th percentile per-packet one-way delay: 10.872 ms

Loss rate: 0.15%

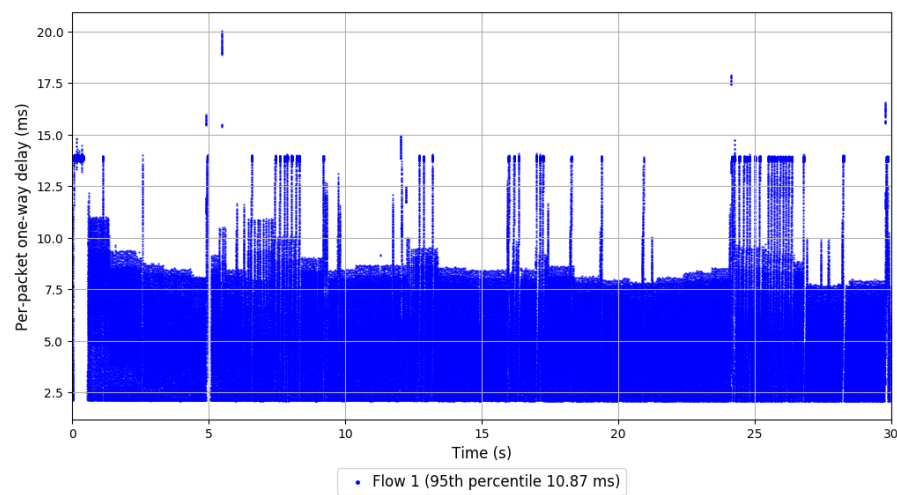
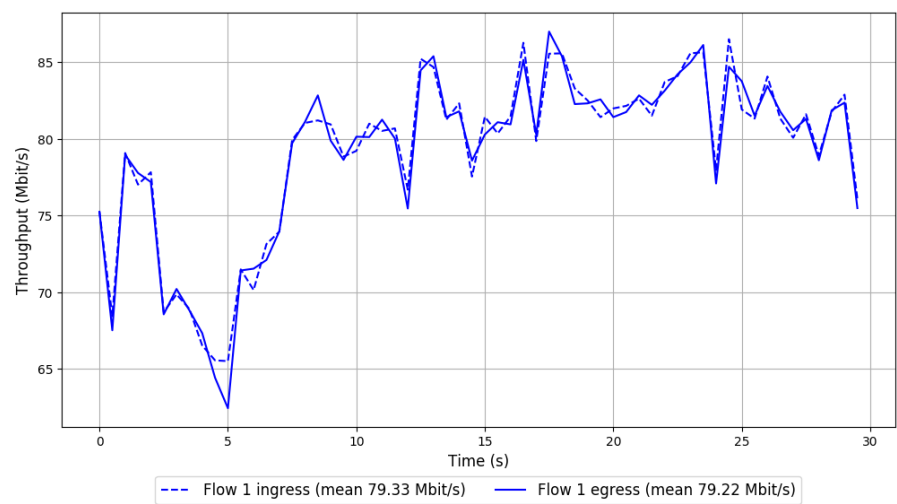
-- Flow 1:

Average throughput: 79.22 Mbit/s

95th percentile per-packet one-way delay: 10.872 ms

Loss rate: 0.15%

Run 10: Report of Verus — Data Link



Run 1: Statistics of WebRTC media

Start at: Sun, 16 Jul 2017 21:58:23 +0000

End at: Sun, 16 Jul 2017 21:58:53 +0000

Local clock offset: -3.469 ms

Remote clock offset: 1.323 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:43:12 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.38 Mbit/s

95th percentile per-packet one-way delay: 2.670 ms

Loss rate: 0.00%

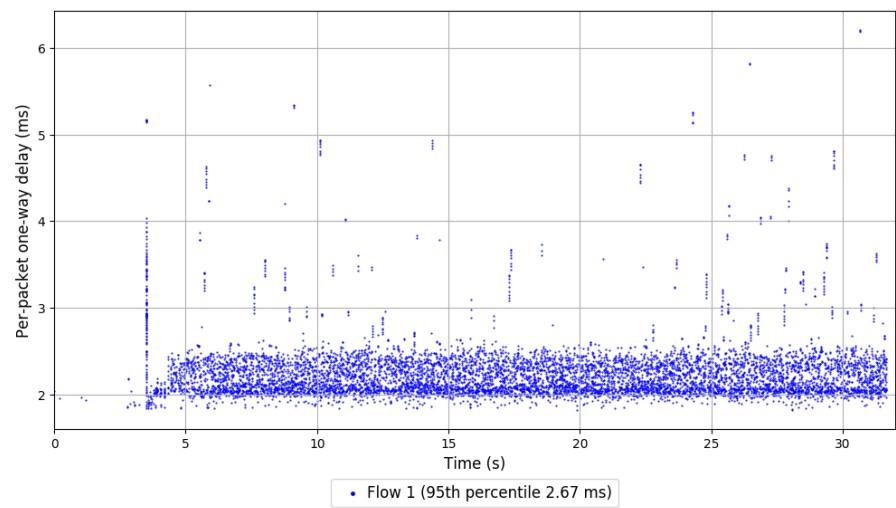
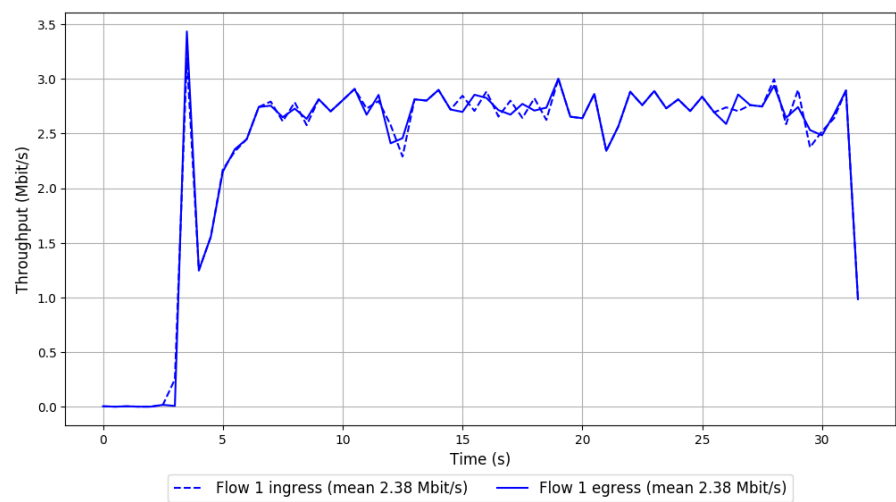
-- Flow 1:

Average throughput: 2.38 Mbit/s

95th percentile per-packet one-way delay: 2.670 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 22:15:21 +0000

End at: Sun, 16 Jul 2017 22:15:51 +0000

Local clock offset: -3.429 ms

Remote clock offset: 1.334 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:43:12 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.38 Mbit/s

95th percentile per-packet one-way delay: 2.681 ms

Loss rate: 0.00%

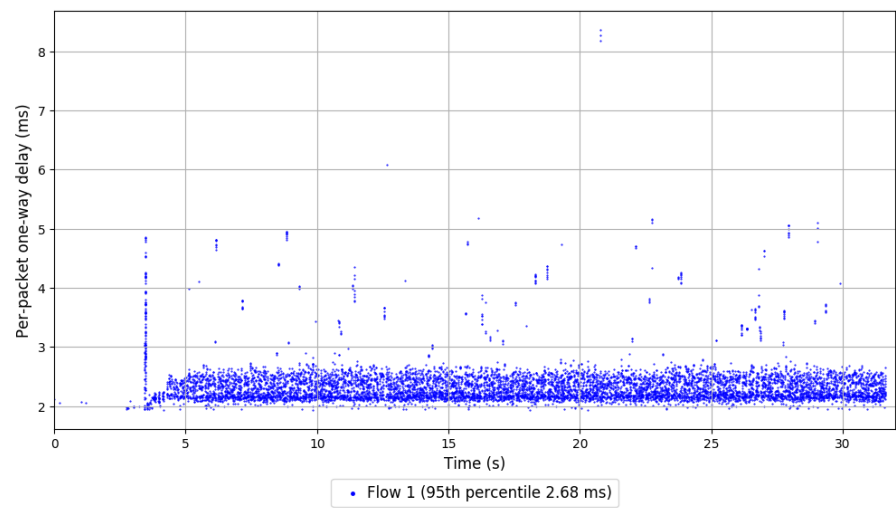
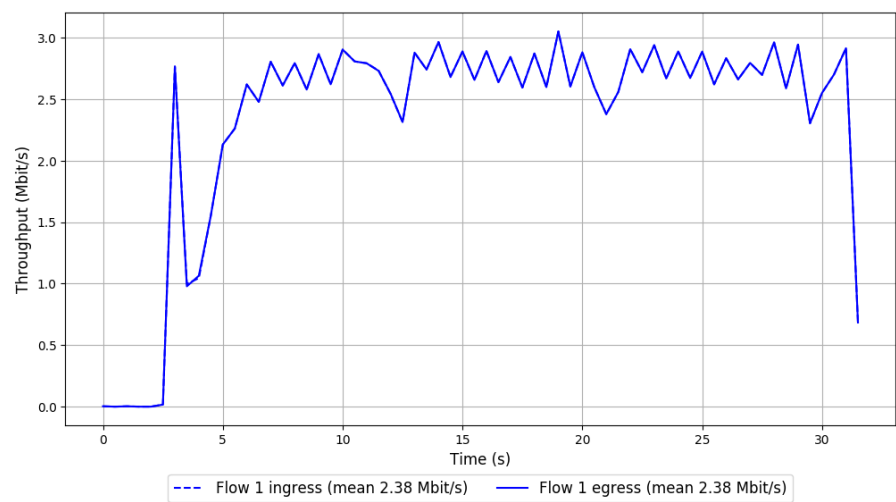
-- Flow 1:

Average throughput: 2.38 Mbit/s

95th percentile per-packet one-way delay: 2.681 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 22:32:19 +0000

End at: Sun, 16 Jul 2017 22:32:49 +0000

Local clock offset: -3.409 ms

Remote clock offset: 1.332 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:43:12 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.38 Mbit/s

95th percentile per-packet one-way delay: 2.564 ms

Loss rate: 0.00%

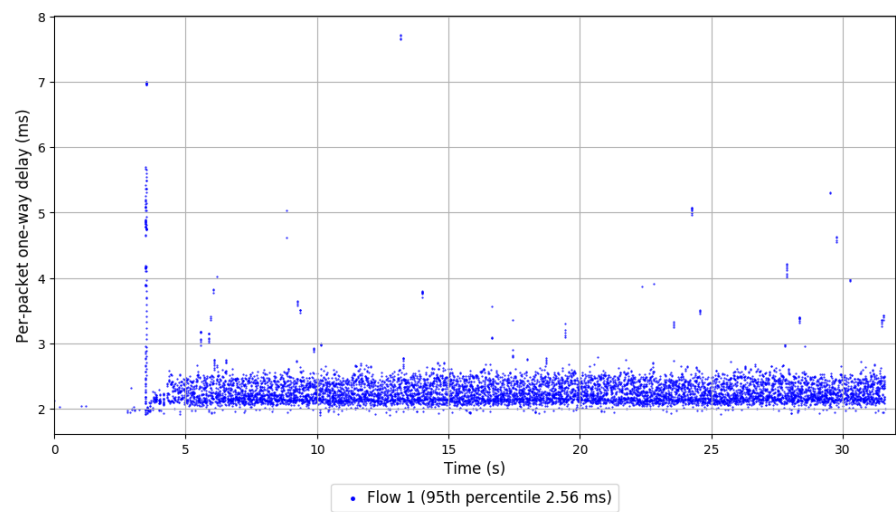
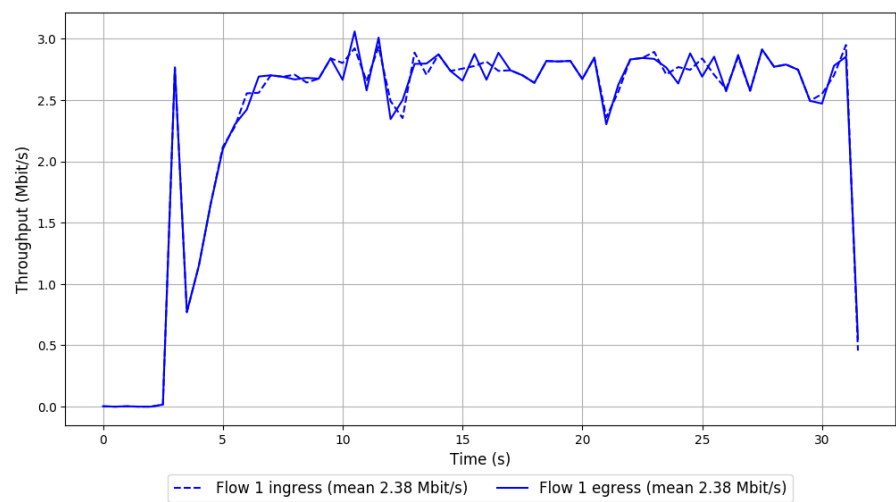
-- Flow 1:

Average throughput: 2.38 Mbit/s

95th percentile per-packet one-way delay: 2.564 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 22:49:12 +0000

End at: Sun, 16 Jul 2017 22:49:42 +0000

Local clock offset: -3.481 ms

Remote clock offset: 0.783 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:43:12 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.38 Mbit/s

95th percentile per-packet one-way delay: 2.833 ms

Loss rate: 0.02%

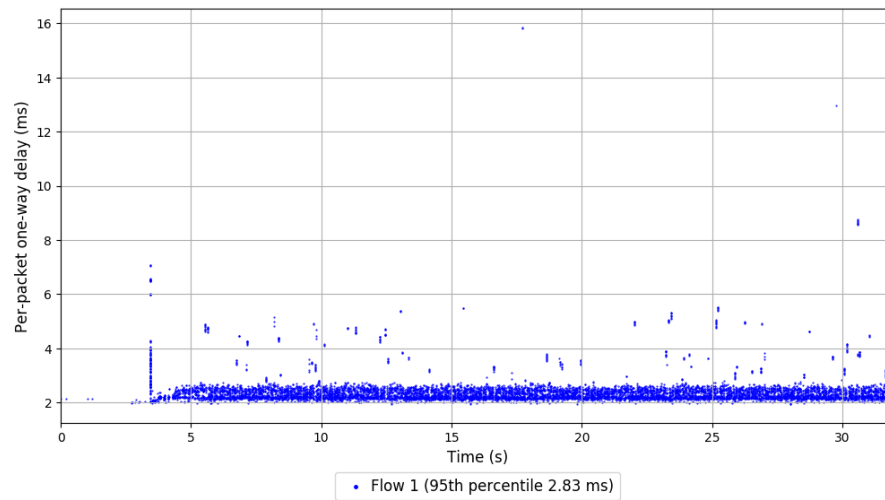
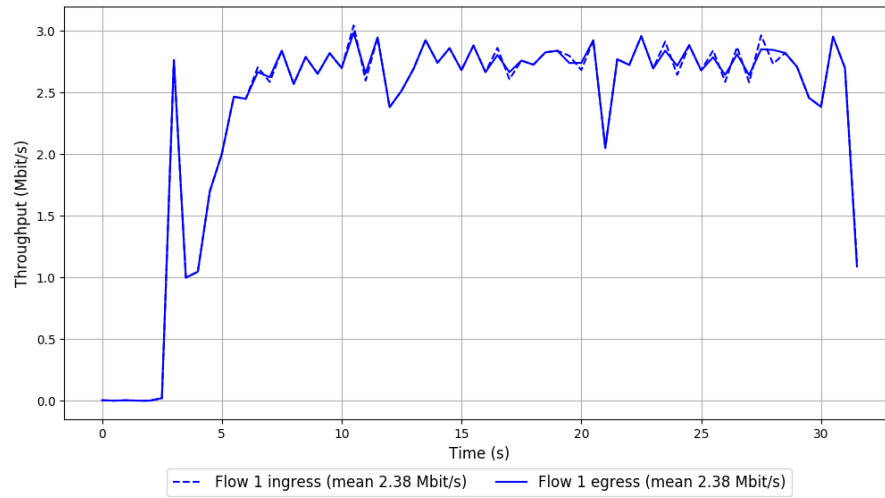
-- Flow 1:

Average throughput: 2.38 Mbit/s

95th percentile per-packet one-way delay: 2.833 ms

Loss rate: 0.02%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: Sun, 16 Jul 2017 23:06:15 +0000

End at: Sun, 16 Jul 2017 23:06:45 +0000

Local clock offset: -3.416 ms

Remote clock offset: 1.173 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:43:12 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.38 Mbit/s

95th percentile per-packet one-way delay: 2.692 ms

Loss rate: 0.00%

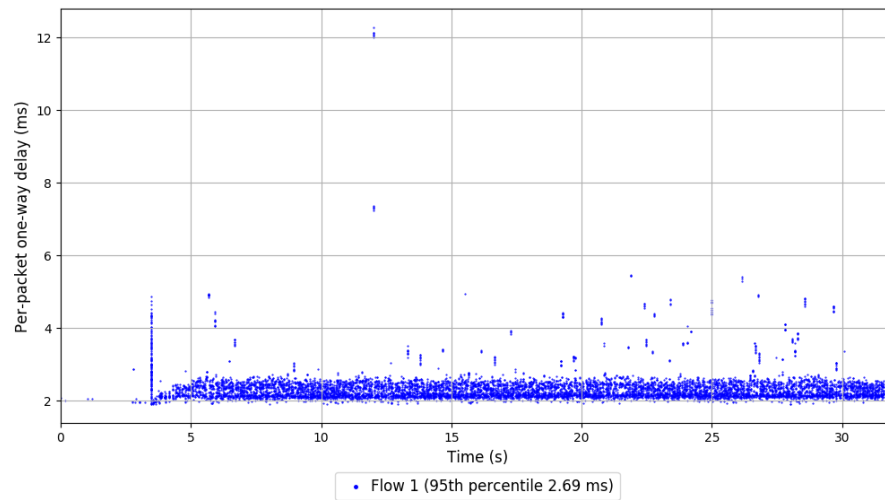
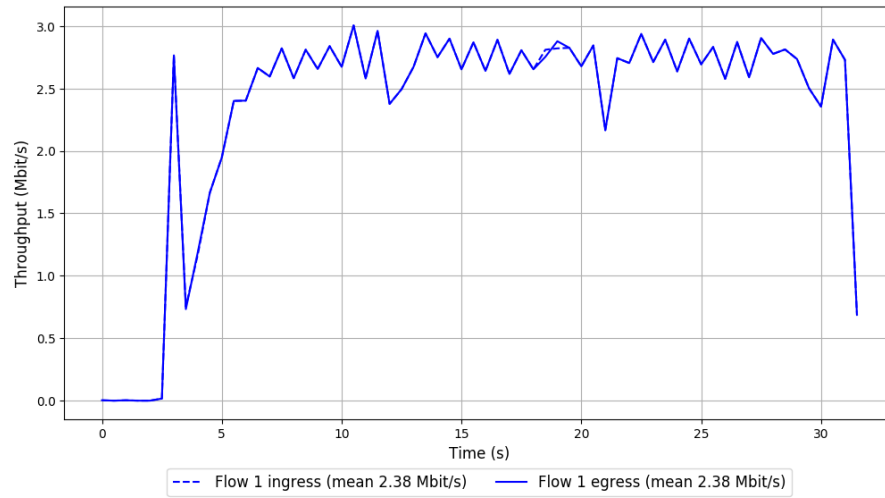
-- Flow 1:

Average throughput: 2.38 Mbit/s

95th percentile per-packet one-way delay: 2.692 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 23:23:13 +0000

End at: Sun, 16 Jul 2017 23:23:43 +0000

Local clock offset: -3.841 ms

Remote clock offset: 1.232 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:43:12 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.37 Mbit/s

95th percentile per-packet one-way delay: 2.601 ms

Loss rate: 0.00%

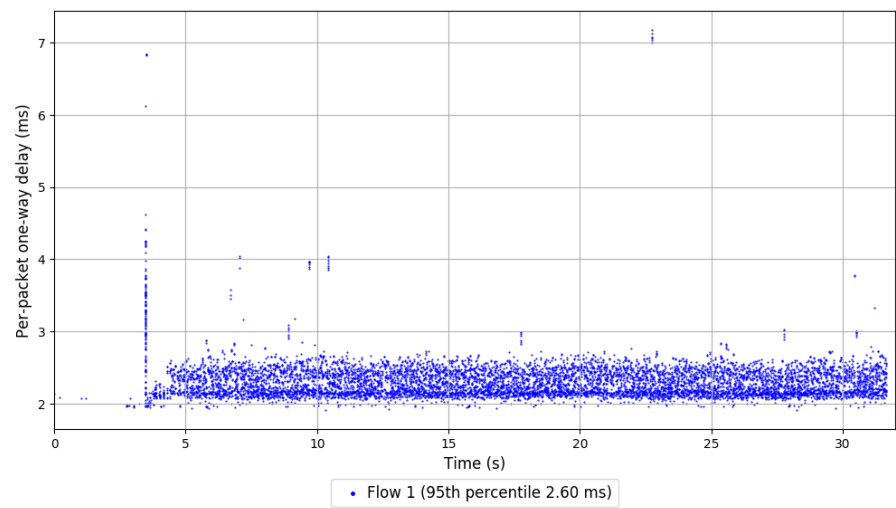
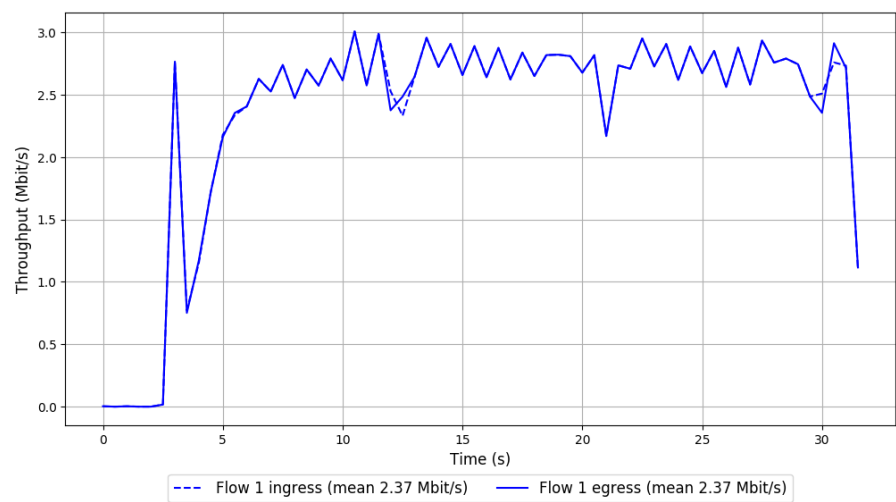
-- Flow 1:

Average throughput: 2.37 Mbit/s

95th percentile per-packet one-way delay: 2.601 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 23:40:11 +0000

End at: Sun, 16 Jul 2017 23:40:41 +0000

Local clock offset: -3.972 ms

Remote clock offset: 0.87 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:43:13 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.40 Mbit/s

95th percentile per-packet one-way delay: 2.614 ms

Loss rate: 0.03%

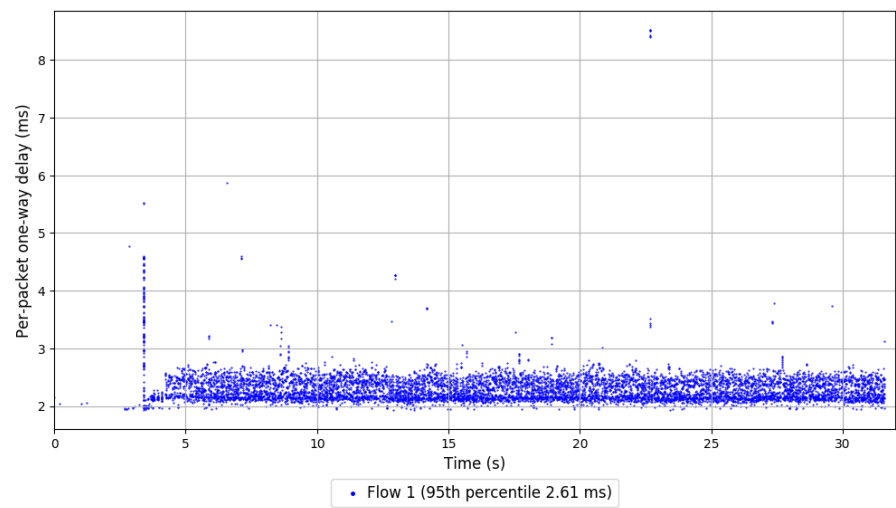
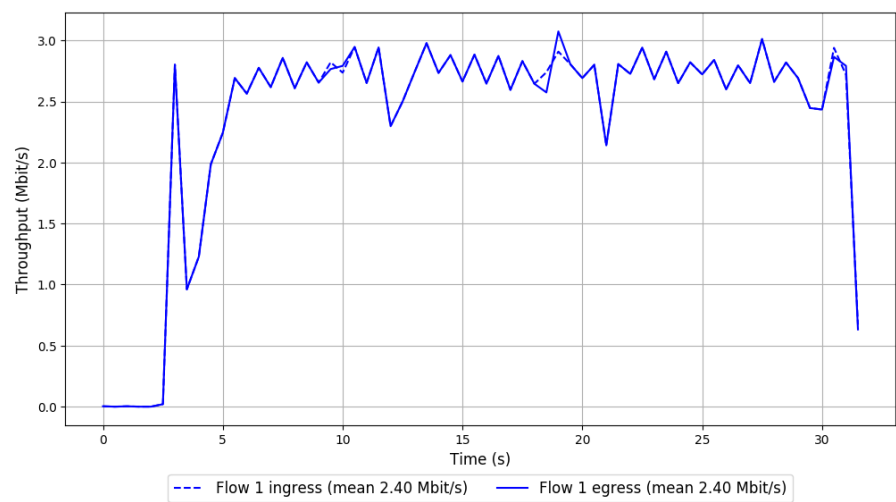
-- Flow 1:

Average throughput: 2.40 Mbit/s

95th percentile per-packet one-way delay: 2.614 ms

Loss rate: 0.03%

Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

Start at: Sun, 16 Jul 2017 23:57:09 +0000

End at: Sun, 16 Jul 2017 23:57:39 +0000

Local clock offset: -4.361 ms

Remote clock offset: 0.15 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:43:13 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.37 Mbit/s

95th percentile per-packet one-way delay: 2.543 ms

Loss rate: 0.00%

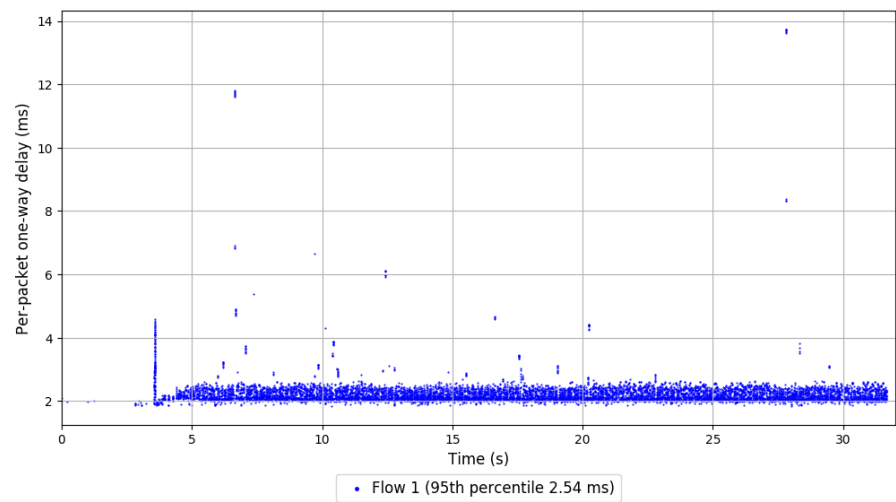
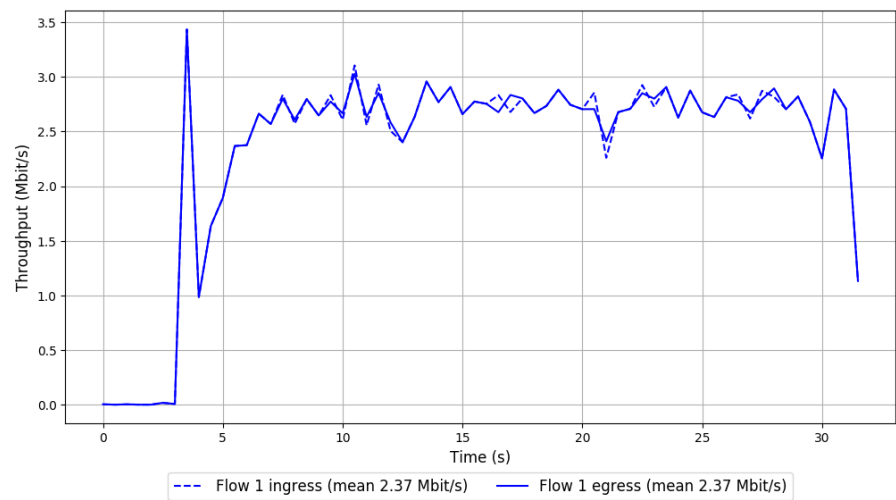
-- Flow 1:

Average throughput: 2.37 Mbit/s

95th percentile per-packet one-way delay: 2.543 ms

Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

Start at: Mon, 17 Jul 2017 00:14:08 +0000

End at: Mon, 17 Jul 2017 00:14:38 +0000

Local clock offset: -4.617 ms

Remote clock offset: -0.532 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:43:15 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.38 Mbit/s

95th percentile per-packet one-way delay: 2.545 ms

Loss rate: 0.04%

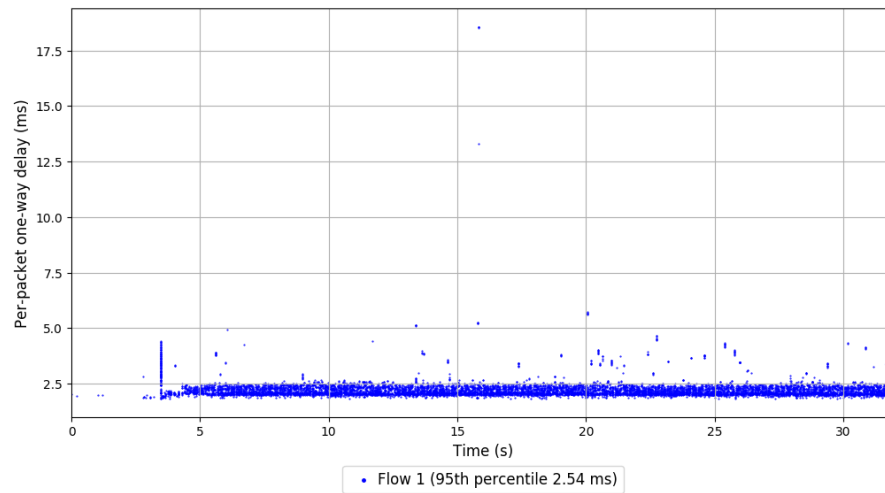
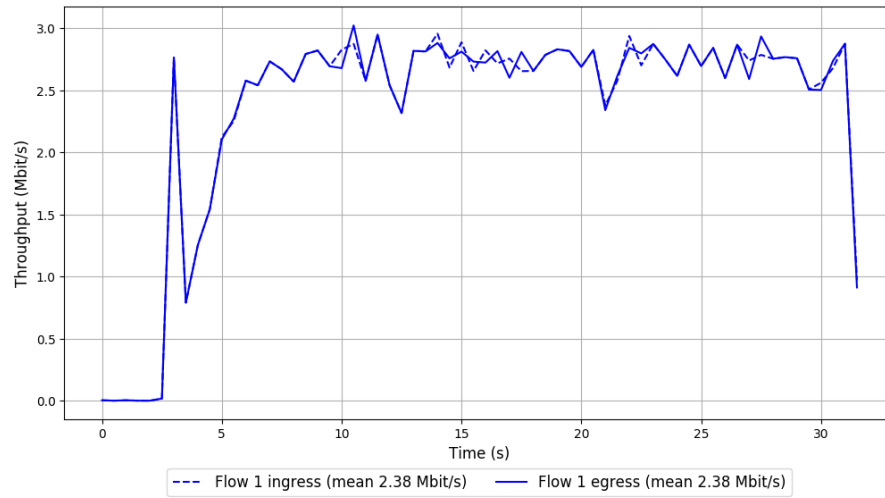
-- Flow 1:

Average throughput: 2.38 Mbit/s

95th percentile per-packet one-way delay: 2.545 ms

Loss rate: 0.04%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: Mon, 17 Jul 2017 00:31:06 +0000

End at: Mon, 17 Jul 2017 00:31:36 +0000

Local clock offset: -4.185 ms

Remote clock offset: -0.665 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:43:15 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.38 Mbit/s

95th percentile per-packet one-way delay: 2.817 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.38 Mbit/s

95th percentile per-packet one-way delay: 2.817 ms

Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

