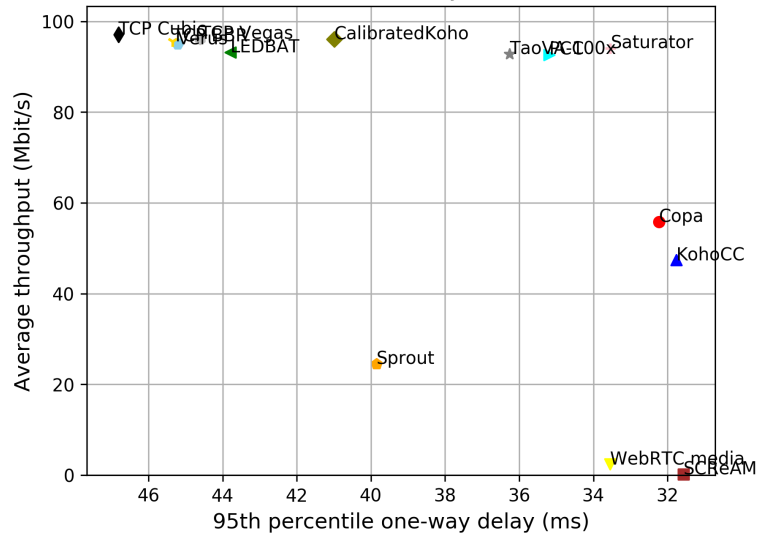


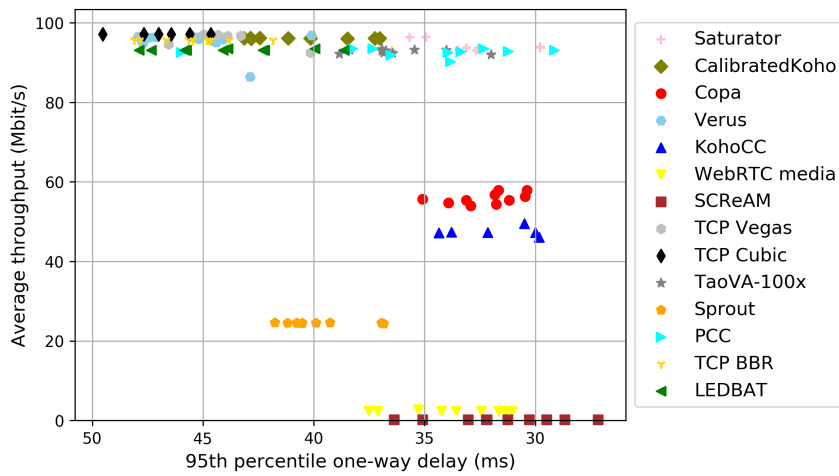
Pantheon Summary (Generated at Tue, 25 Jul 2017 02:51:00 +0000 with pantheon version 266b116f0817a07d000b4d181ce187fd27d3e654)
 Repeated the test of 15 congestion control schemes 10 times.
 Each test lasted for 30 seconds running 1 flow.
 Data path: India Ethernet (*remote*) → AWS India 1 Ethernet (*local*).
 NTP offset measured against nets.org.sg and has been applied to correct the timestamps in logs.

```
git branch: master @ 266b116f0817a07d000b4d181ce187fd27d3e654
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 India Ethernet to AWS India 1 Ethernet, 10 runs of 30s each per scheme
(mean of all runs by scheme)



test from India Ethernet to AWS India 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	95.62	45.36	0.12
CalibratedKoho	10	96.11	40.99	0.10
Copa	10	55.85	32.23	0.08
TCP Cubic	10	97.12	46.81	0.12
KohoCC	10	47.44	31.77	0.09
LEDBAT	10	93.19	43.79	0.13
PCC	10	92.65	35.19	0.09
QUIC Cubic	10	nan	nan	nan
Saturator	10	94.06	33.54	0.08
SCReAM	10	0.21	31.58	0.05
Sprout	10	24.51	39.85	0.10
TaoVA-100x	10	92.80	36.26	0.08
TCP Vegas	10	96.16	44.61	0.09
Verus	10	95.04	45.21	0.13
WebRTC media	10	2.40	33.55	0.12

Run 1: Statistics of TCP BBR

Start at: Mon, 24 Jul 2017 23:08:59 +0000

End at: Mon, 24 Jul 2017 23:09:29 +0000

Local clock offset: 5.8 ms

Remote clock offset: -20.754 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:38:59 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.66 Mbit/s

95th percentile per-packet one-way delay: 48.114 ms

Loss rate: 0.12%

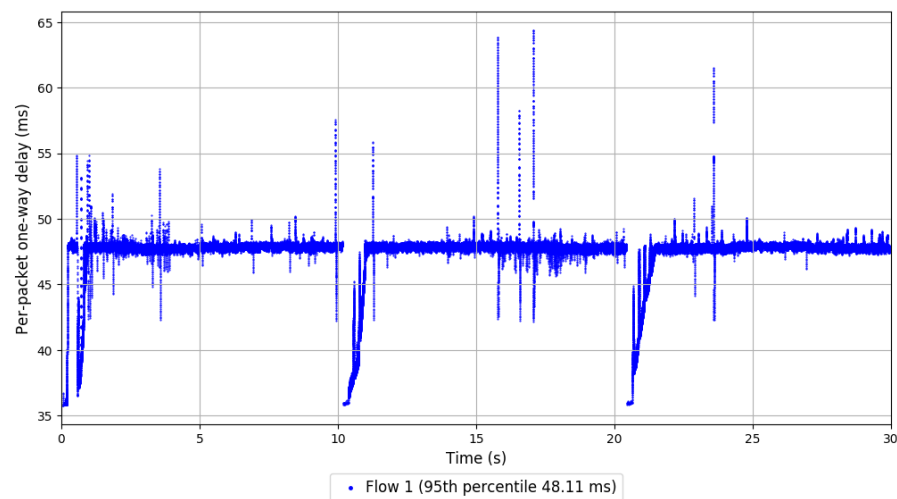
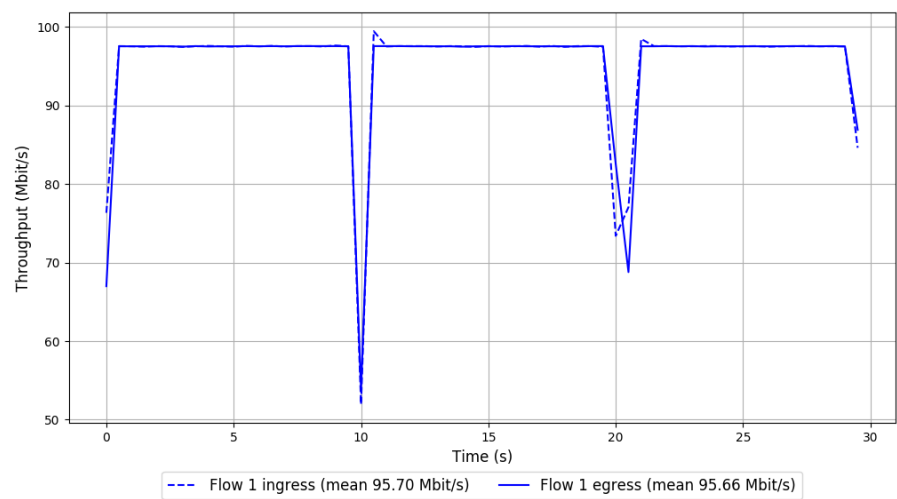
-- Flow 1:

Average throughput: 95.66 Mbit/s

95th percentile per-packet one-way delay: 48.114 ms

Loss rate: 0.12%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: Mon, 24 Jul 2017 23:26:47 +0000

End at: Mon, 24 Jul 2017 23:27:17 +0000

Local clock offset: 3.323 ms

Remote clock offset: -21.61 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:38:59 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.65 Mbit/s

95th percentile per-packet one-way delay: 46.666 ms

Loss rate: 0.13%

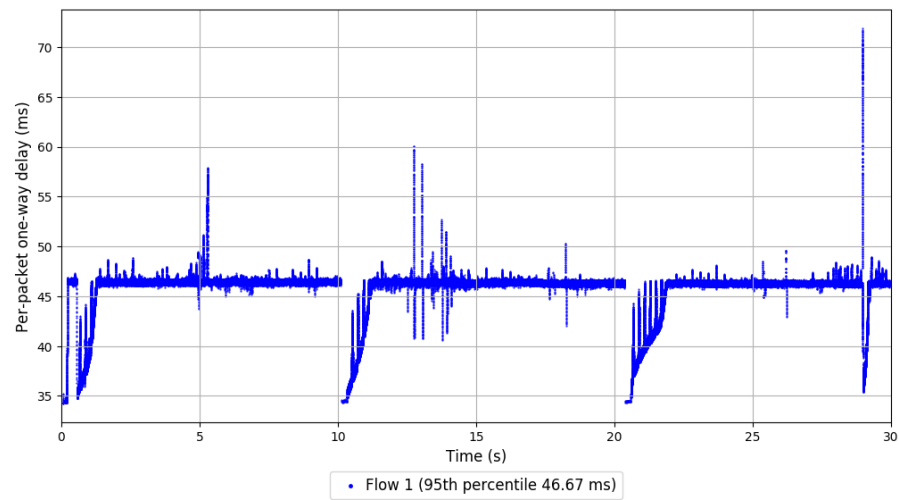
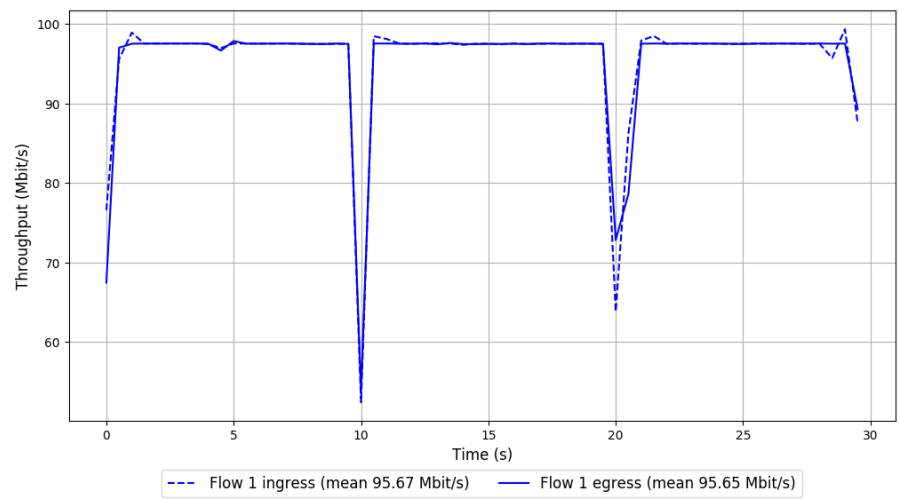
-- Flow 1:

Average throughput: 95.65 Mbit/s

95th percentile per-packet one-way delay: 46.666 ms

Loss rate: 0.13%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: Mon, 24 Jul 2017 23:44:39 +0000

End at: Mon, 24 Jul 2017 23:45:09 +0000

Local clock offset: 2.456 ms

Remote clock offset: -21.154 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:39:12 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.46 Mbit/s

95th percentile per-packet one-way delay: 44.660 ms

Loss rate: 0.13%

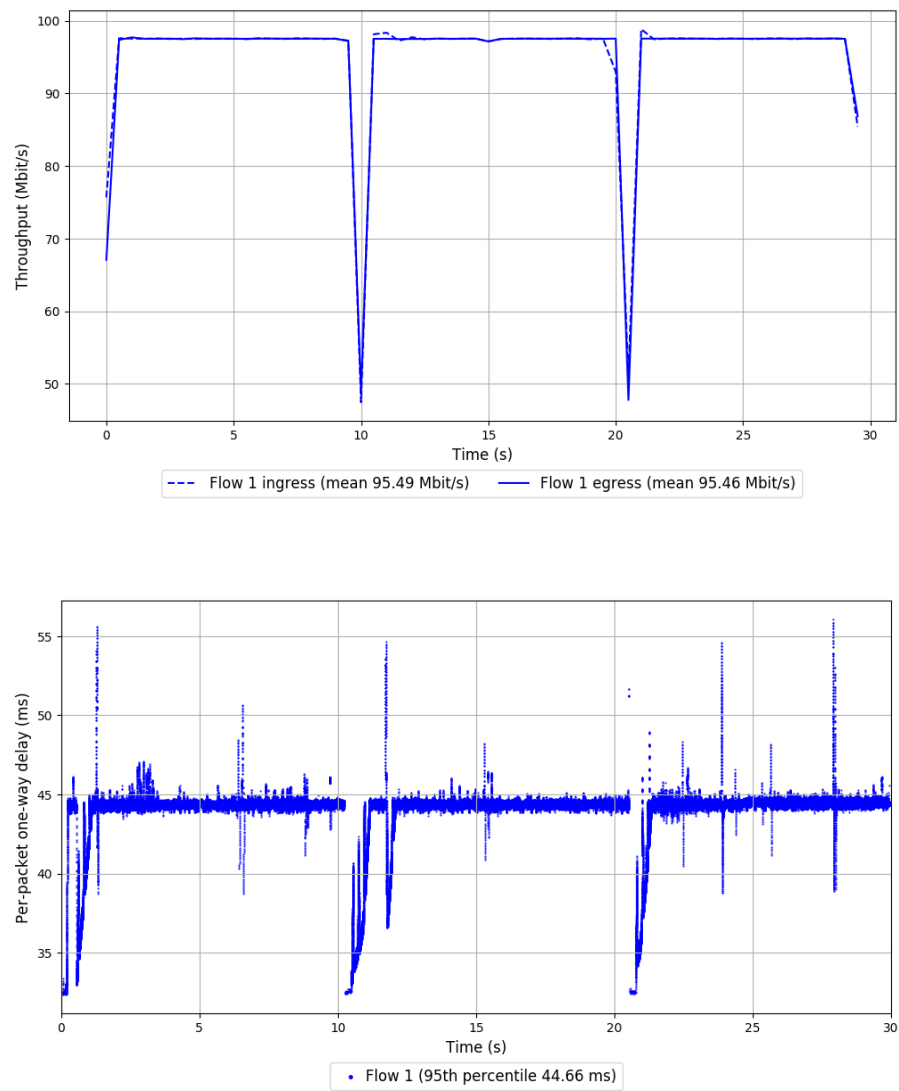
-- Flow 1:

Average throughput: 95.46 Mbit/s

95th percentile per-packet one-way delay: 44.660 ms

Loss rate: 0.13%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: Tue, 25 Jul 2017 00:02:34 +0000

End at: Tue, 25 Jul 2017 00:03:04 +0000

Local clock offset: 4.656 ms

Remote clock offset: -17.743 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:39:12 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.67 Mbit/s

95th percentile per-packet one-way delay: 44.820 ms

Loss rate: 0.13%

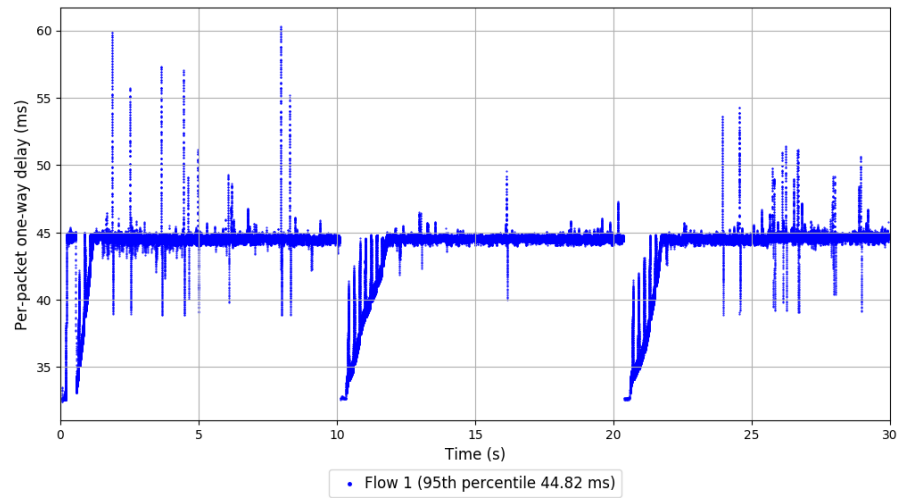
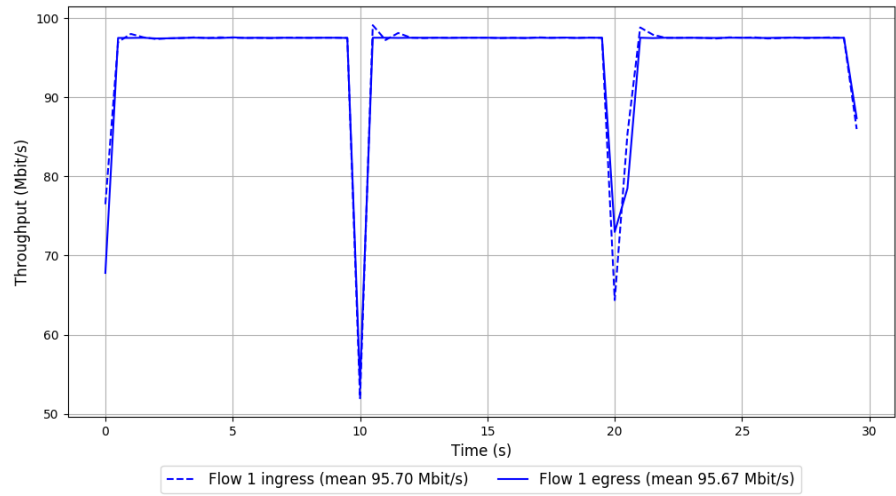
-- Flow 1:

Average throughput: 95.67 Mbit/s

95th percentile per-packet one-way delay: 44.820 ms

Loss rate: 0.13%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: Tue, 25 Jul 2017 00:20:28 +0000

End at: Tue, 25 Jul 2017 00:20:58 +0000

Local clock offset: 0.764 ms

Remote clock offset: -25.675 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:39:24 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.61 Mbit/s

95th percentile per-packet one-way delay: 47.864 ms

Loss rate: 0.12%

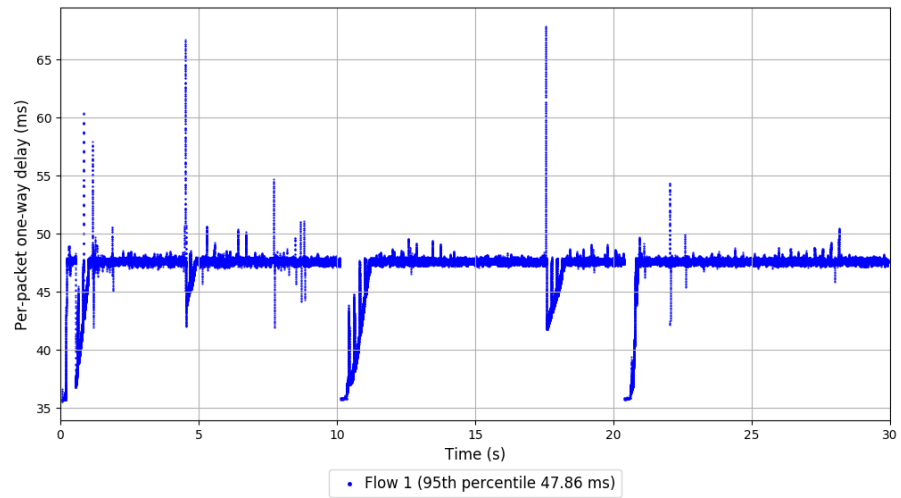
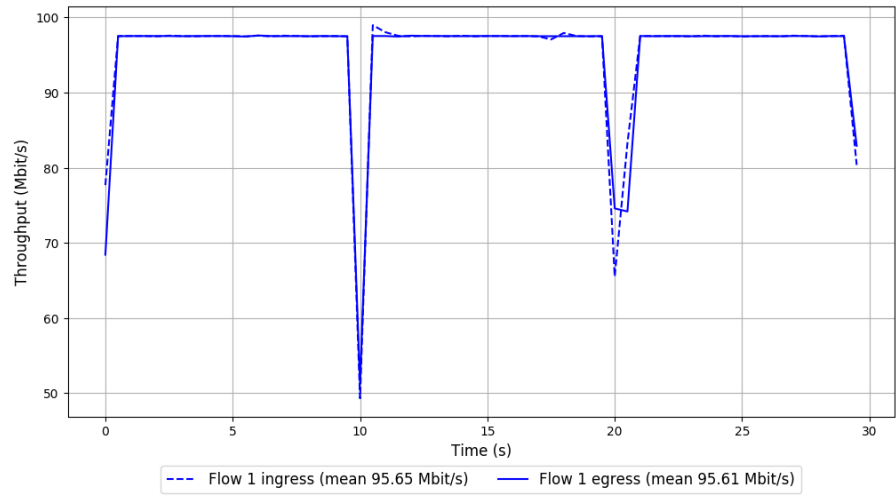
-- Flow 1:

Average throughput: 95.61 Mbit/s

95th percentile per-packet one-way delay: 47.864 ms

Loss rate: 0.12%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: Tue, 25 Jul 2017 00:38:19 +0000

End at: Tue, 25 Jul 2017 00:38:49 +0000

Local clock offset: 1.512 ms

Remote clock offset: -20.276 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:39:25 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.65 Mbit/s

95th percentile per-packet one-way delay: 43.805 ms

Loss rate: 0.12%

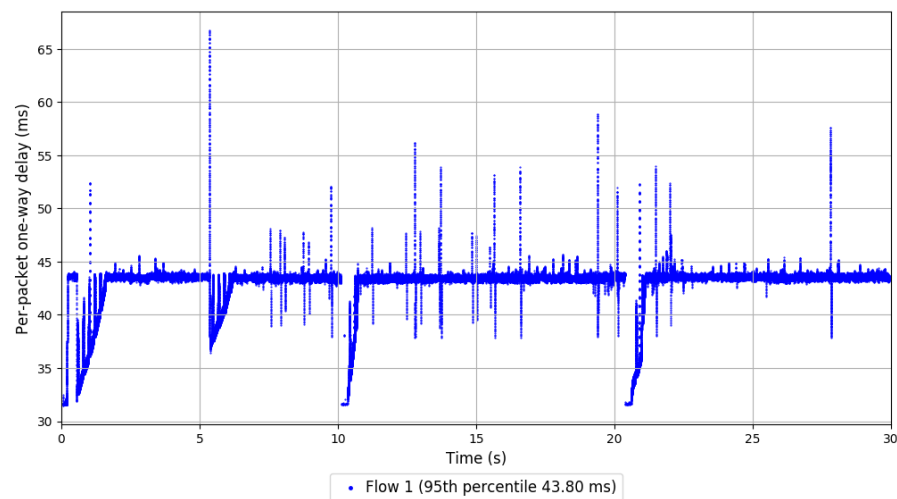
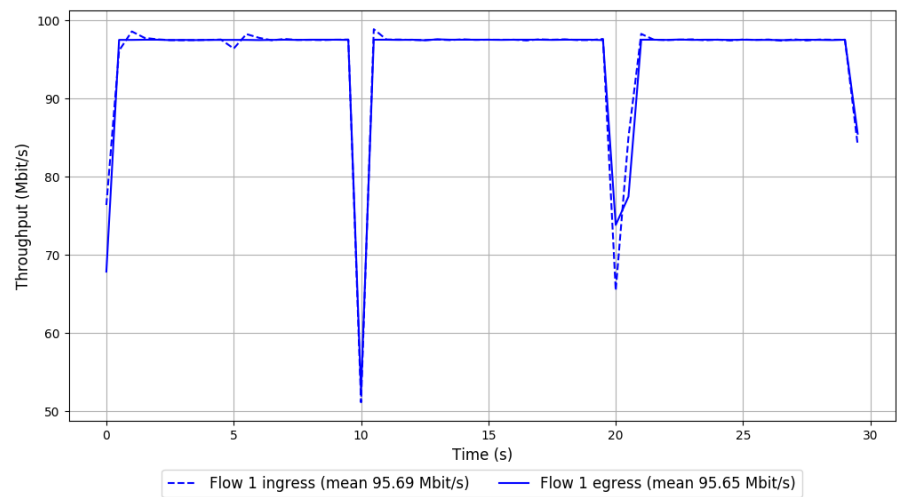
-- Flow 1:

Average throughput: 95.65 Mbit/s

95th percentile per-packet one-way delay: 43.805 ms

Loss rate: 0.12%

Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

Start at: Tue, 25 Jul 2017 00:56:14 +0000

End at: Tue, 25 Jul 2017 00:56:44 +0000

Local clock offset: 2.564 ms

Remote clock offset: -21.509 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:39:38 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.56 Mbit/s

95th percentile per-packet one-way delay: 45.449 ms

Loss rate: 0.13%

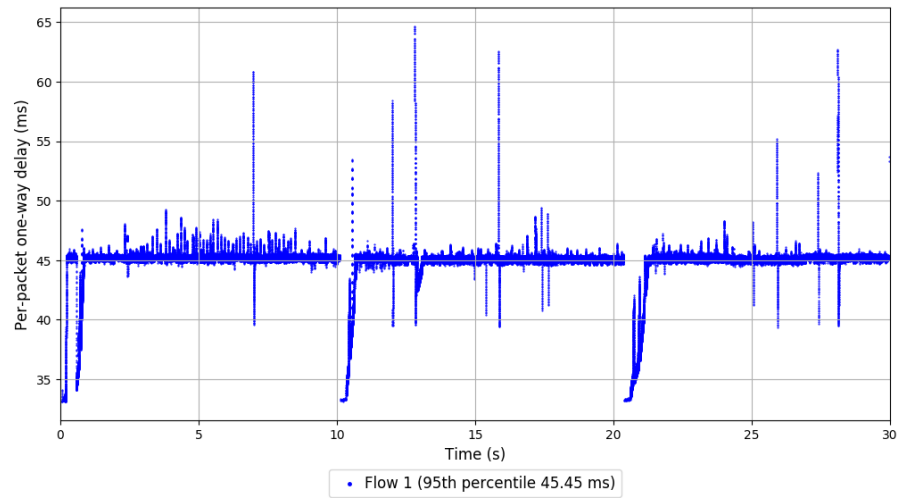
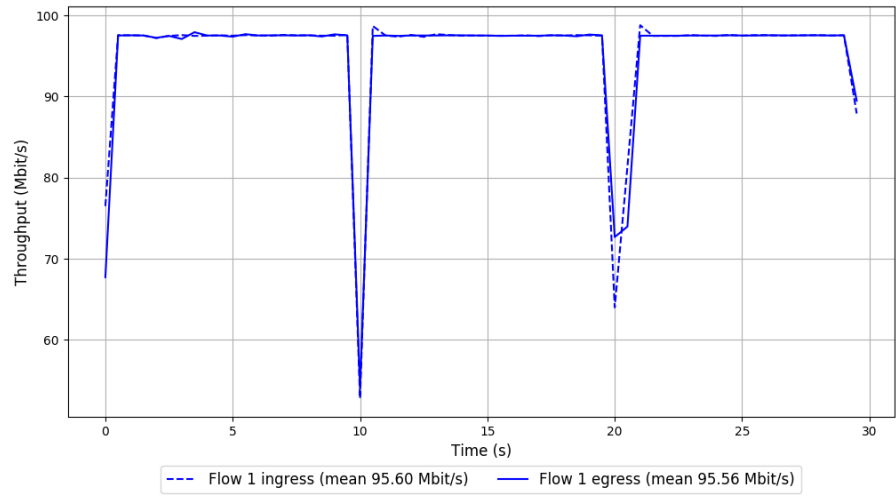
-- Flow 1:

Average throughput: 95.56 Mbit/s

95th percentile per-packet one-way delay: 45.449 ms

Loss rate: 0.13%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: Tue, 25 Jul 2017 01:14:24 +0000

End at: Tue, 25 Jul 2017 01:14:54 +0000

Local clock offset: 1.807 ms

Remote clock offset: -22.268 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:39:38 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.67 Mbit/s

95th percentile per-packet one-way delay: 44.699 ms

Loss rate: 0.12%

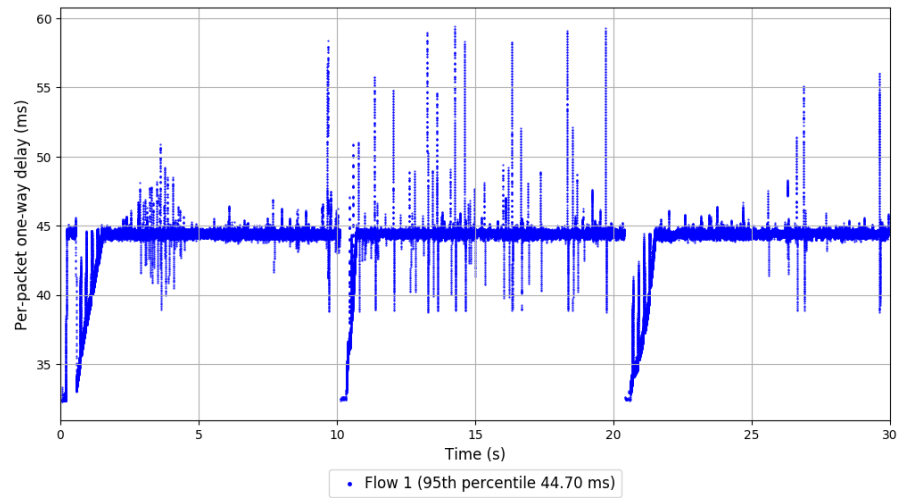
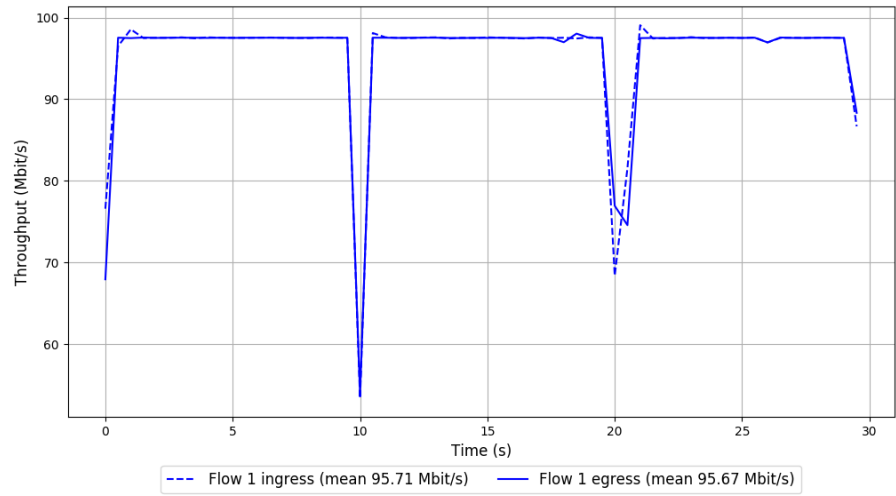
-- Flow 1:

Average throughput: 95.67 Mbit/s

95th percentile per-packet one-way delay: 44.699 ms

Loss rate: 0.12%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: Tue, 25 Jul 2017 01:32:31 +0000

End at: Tue, 25 Jul 2017 01:33:01 +0000

Local clock offset: 3.168 ms

Remote clock offset: -22.411 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:39:51 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.64 Mbit/s

95th percentile per-packet one-way delay: 45.652 ms

Loss rate: 0.13%

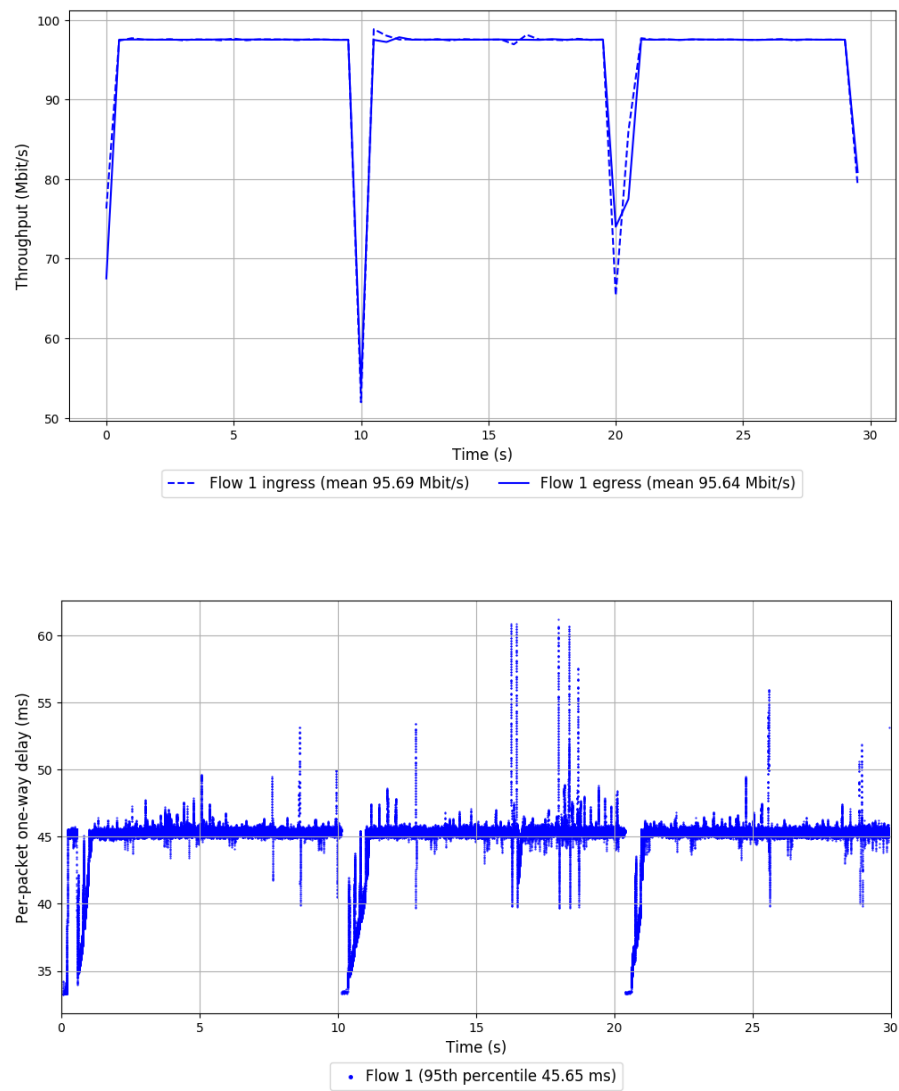
-- Flow 1:

Average throughput: 95.64 Mbit/s

95th percentile per-packet one-way delay: 45.652 ms

Loss rate: 0.13%

Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

Start at: Tue, 25 Jul 2017 01:50:13 +0000

End at: Tue, 25 Jul 2017 01:50:43 +0000

Local clock offset: 1.016 ms

Remote clock offset: -21.913 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:39:51 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.61 Mbit/s

95th percentile per-packet one-way delay: 41.835 ms

Loss rate: 0.12%

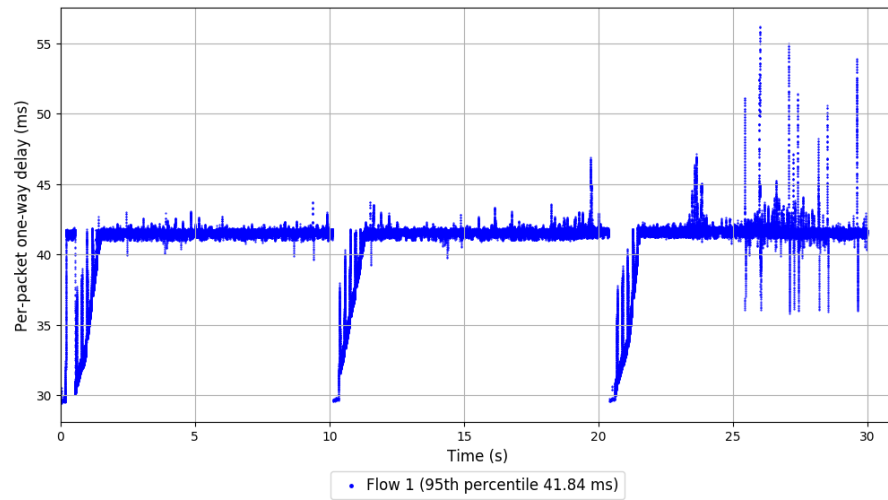
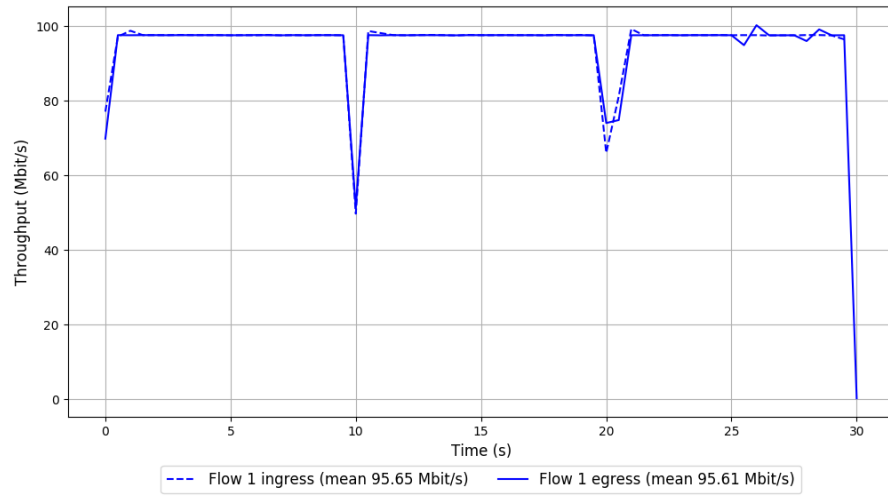
-- Flow 1:

Average throughput: 95.61 Mbit/s

95th percentile per-packet one-way delay: 41.835 ms

Loss rate: 0.12%

Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of CalibratedKoho

Start at: Mon, 24 Jul 2017 22:59:12 +0000

End at: Mon, 24 Jul 2017 22:59:42 +0000

Local clock offset: 4.072 ms

Remote clock offset: -21.481 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:40:03 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.24 Mbit/s

95th percentile per-packet one-way delay: 42.438 ms

Loss rate: 0.12%

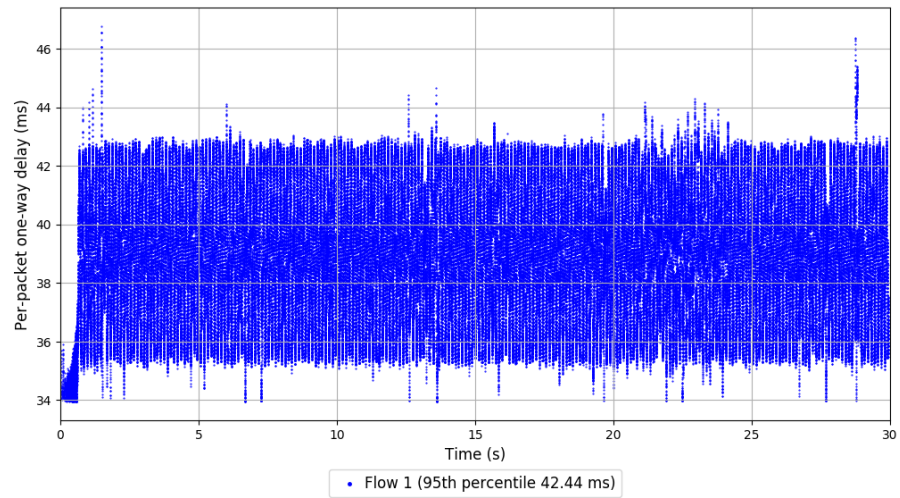
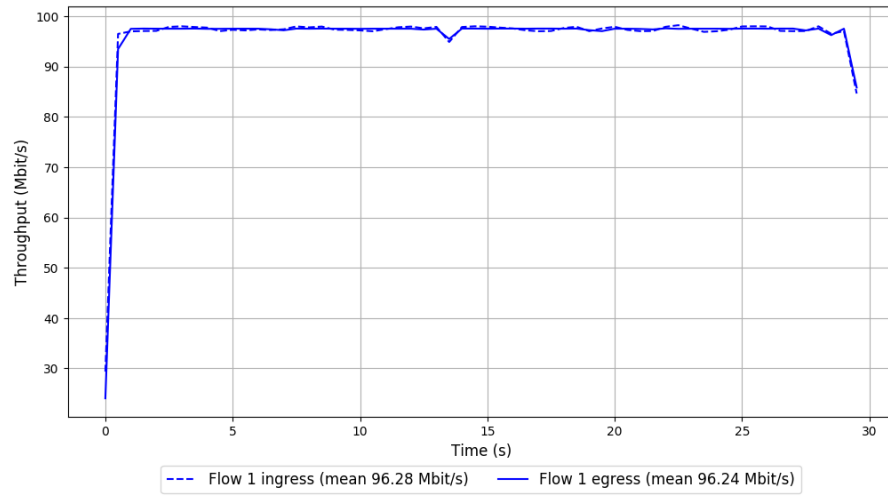
-- Flow 1:

Average throughput: 96.24 Mbit/s

95th percentile per-packet one-way delay: 42.438 ms

Loss rate: 0.12%

Run 1: Report of CalibratedKoho — Data Link



Run 2: Statistics of CalibratedKoho

Start at: Mon, 24 Jul 2017 23:17:00 +0000

End at: Mon, 24 Jul 2017 23:17:30 +0000

Local clock offset: 4.243 ms

Remote clock offset: -20.773 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:40:04 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.23 Mbit/s

95th percentile per-packet one-way delay: 42.861 ms

Loss rate: 0.10%

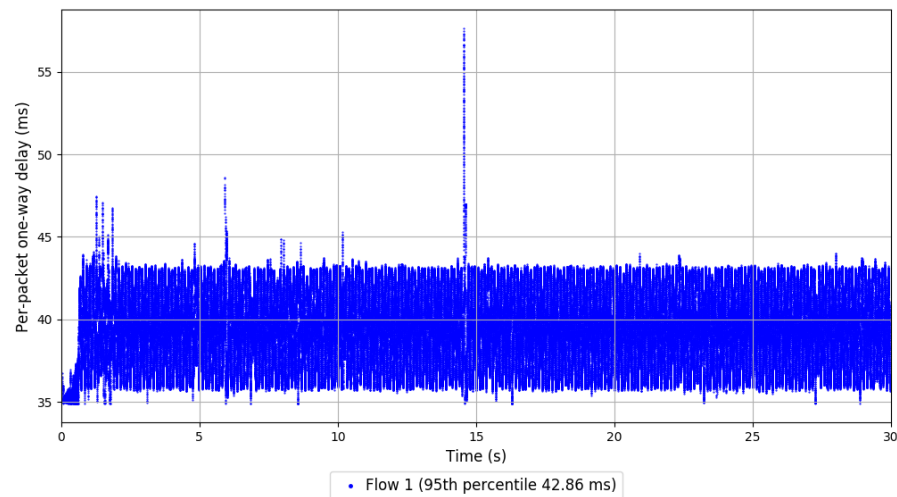
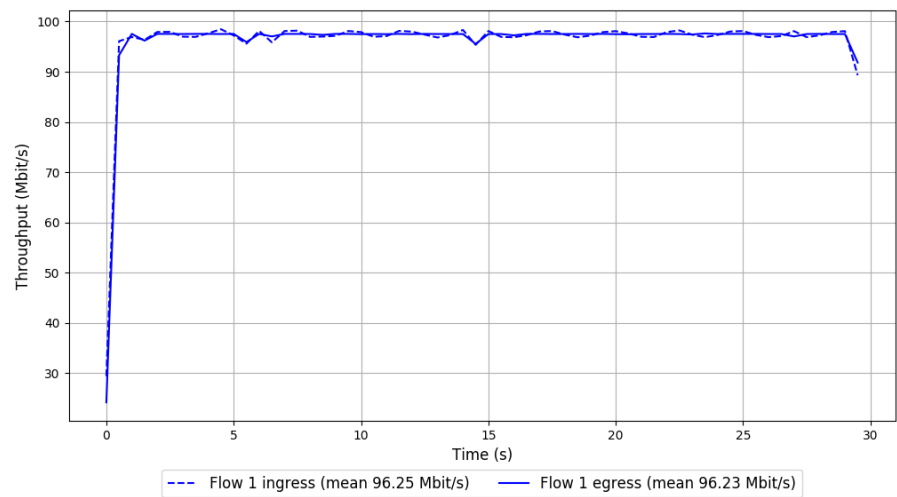
-- Flow 1:

Average throughput: 96.23 Mbit/s

95th percentile per-packet one-way delay: 42.861 ms

Loss rate: 0.10%

Run 2: Report of CalibratedKoho — Data Link



Run 3: Statistics of CalibratedKoho

Start at: Mon, 24 Jul 2017 23:34:50 +0000

End at: Mon, 24 Jul 2017 23:35:20 +0000

Local clock offset: 1.204 ms

Remote clock offset: -21.016 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:40:16 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.10 Mbit/s

95th percentile per-packet one-way delay: 40.147 ms

Loss rate: 0.11%

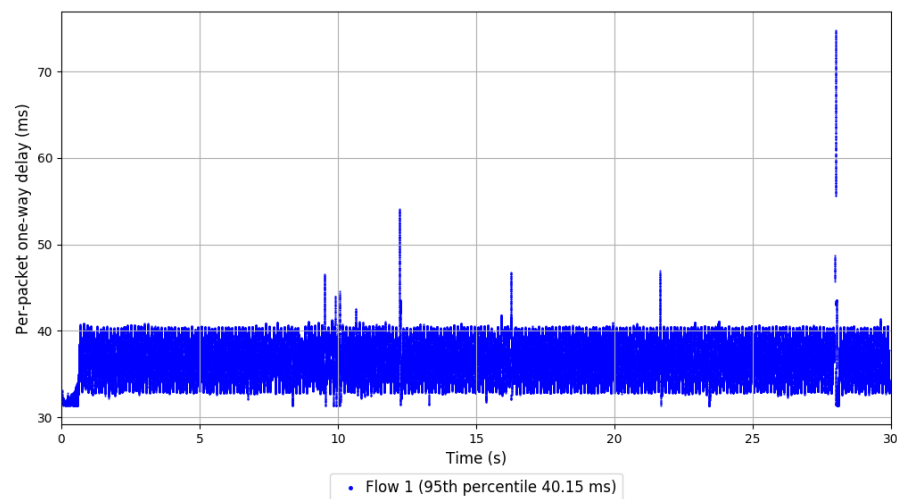
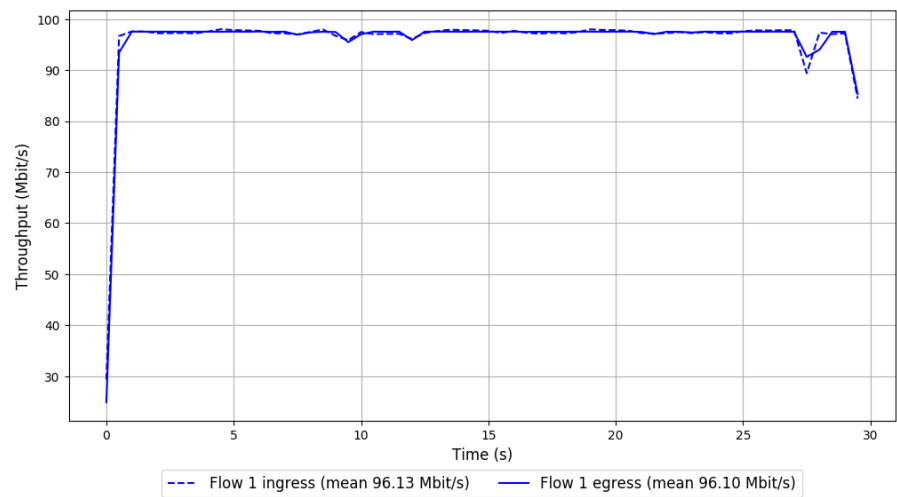
-- Flow 1:

Average throughput: 96.10 Mbit/s

95th percentile per-packet one-way delay: 40.147 ms

Loss rate: 0.11%

Run 3: Report of CalibratedKoho — Data Link



Run 4: Statistics of CalibratedKoho

Start at: Mon, 24 Jul 2017 23:52:40 +0000

End at: Mon, 24 Jul 2017 23:53:10 +0000

Local clock offset: 2.131 ms

Remote clock offset: -21.109 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:40:16 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.14 Mbit/s

95th percentile per-packet one-way delay: 41.153 ms

Loss rate: 0.11%

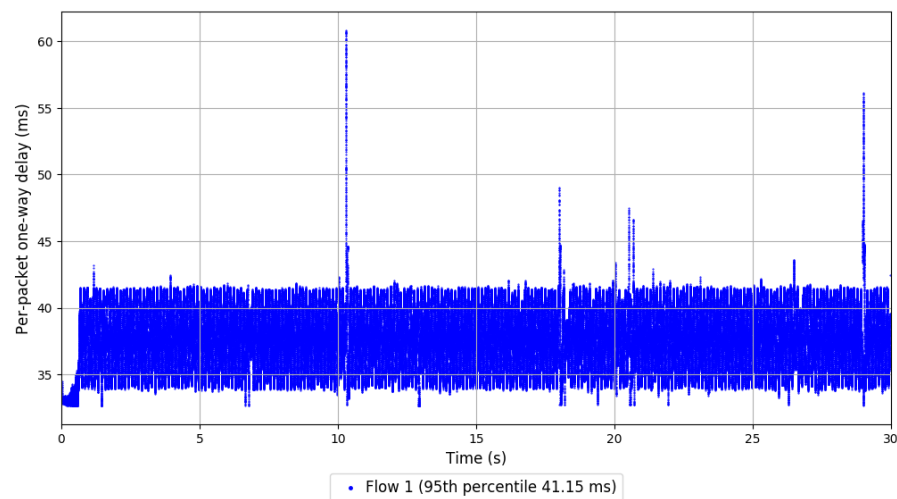
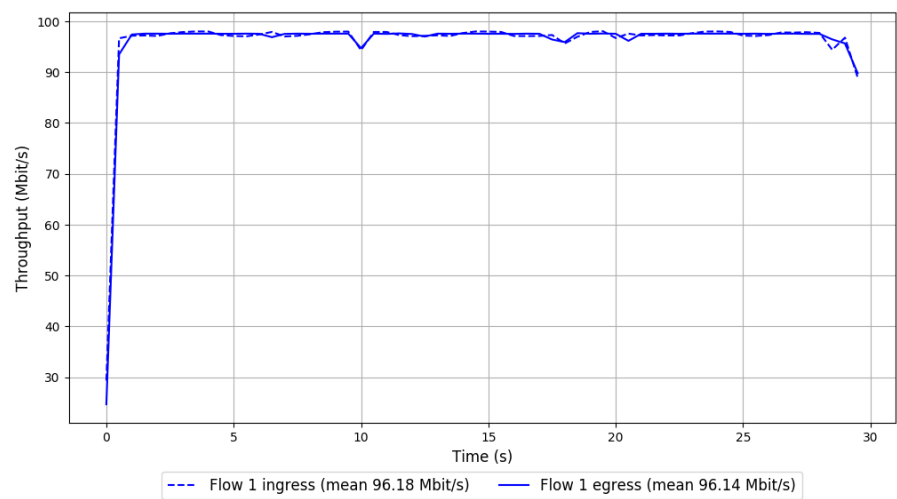
-- Flow 1:

Average throughput: 96.14 Mbit/s

95th percentile per-packet one-way delay: 41.153 ms

Loss rate: 0.11%

Run 4: Report of CalibratedKoho — Data Link



Run 5: Statistics of CalibratedKoho

Start at: Tue, 25 Jul 2017 00:10:37 +0000

End at: Tue, 25 Jul 2017 00:11:07 +0000

Local clock offset: 5.091 ms

Remote clock offset: -18.821 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:40:28 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.99 Mbit/s

95th percentile per-packet one-way delay: 42.822 ms

Loss rate: 0.09%

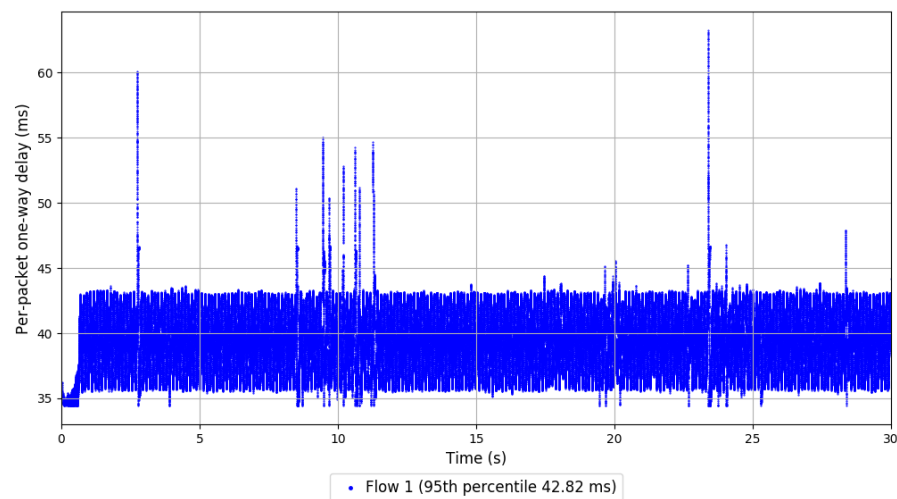
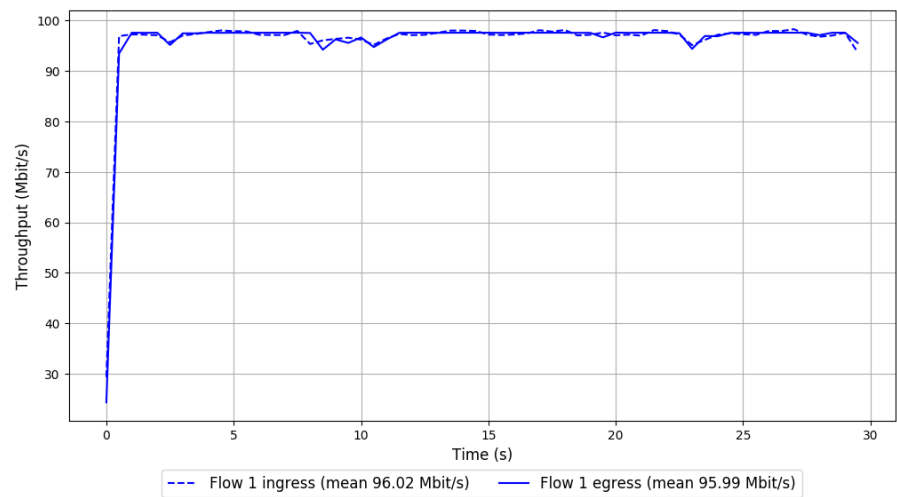
-- Flow 1:

Average throughput: 95.99 Mbit/s

95th percentile per-packet one-way delay: 42.822 ms

Loss rate: 0.09%

Run 5: Report of CalibratedKoho — Data Link



Run 6: Statistics of CalibratedKoho

Start at: Tue, 25 Jul 2017 00:28:28 +0000

End at: Tue, 25 Jul 2017 00:28:58 +0000

Local clock offset: 5.583 ms

Remote clock offset: -20.086 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:40:29 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.15 Mbit/s

95th percentile per-packet one-way delay: 44.616 ms

Loss rate: 0.09%

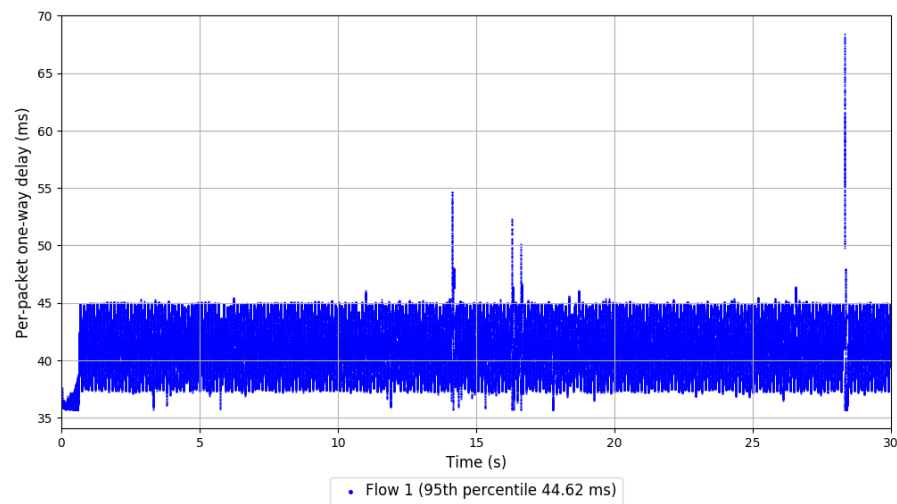
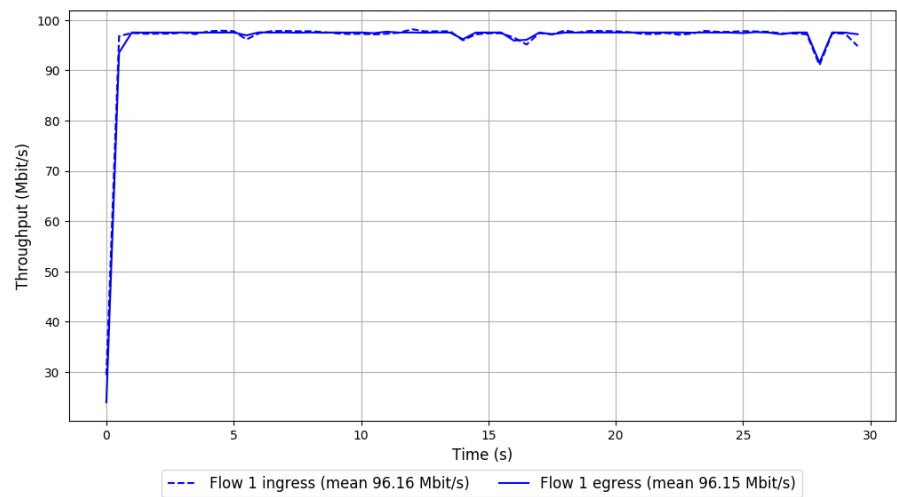
-- Flow 1:

Average throughput: 96.15 Mbit/s

95th percentile per-packet one-way delay: 44.616 ms

Loss rate: 0.09%

Run 6: Report of CalibratedKoho — Data Link



Run 7: Statistics of CalibratedKoho

Start at: Tue, 25 Jul 2017 00:46:21 +0000

End at: Tue, 25 Jul 2017 00:46:51 +0000

Local clock offset: -0.5 ms

Remote clock offset: -19.603 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:40:42 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.06 Mbit/s

95th percentile per-packet one-way delay: 37.033 ms

Loss rate: 0.09%

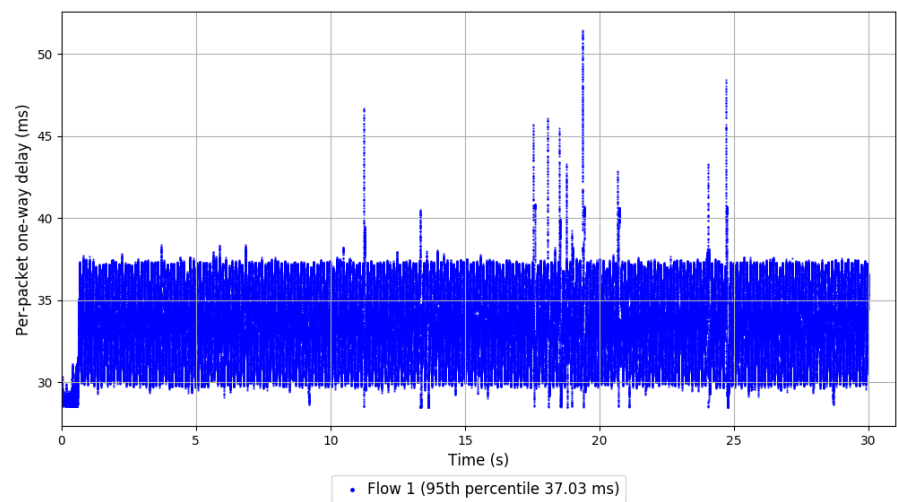
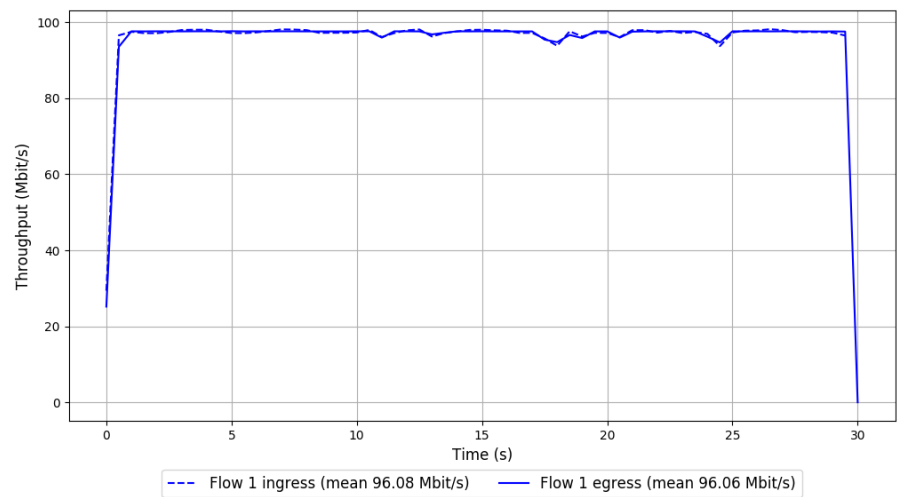
-- Flow 1:

Average throughput: 96.06 Mbit/s

95th percentile per-packet one-way delay: 37.033 ms

Loss rate: 0.09%

Run 7: Report of CalibratedKoho — Data Link



Run 8: Statistics of CalibratedKoho

Start at: Tue, 25 Jul 2017 01:04:21 +0000

End at: Tue, 25 Jul 2017 01:04:51 +0000

Local clock offset: -1.106 ms

Remote clock offset: -21.494 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:40:42 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.10 Mbit/s

95th percentile per-packet one-way delay: 37.249 ms

Loss rate: 0.10%

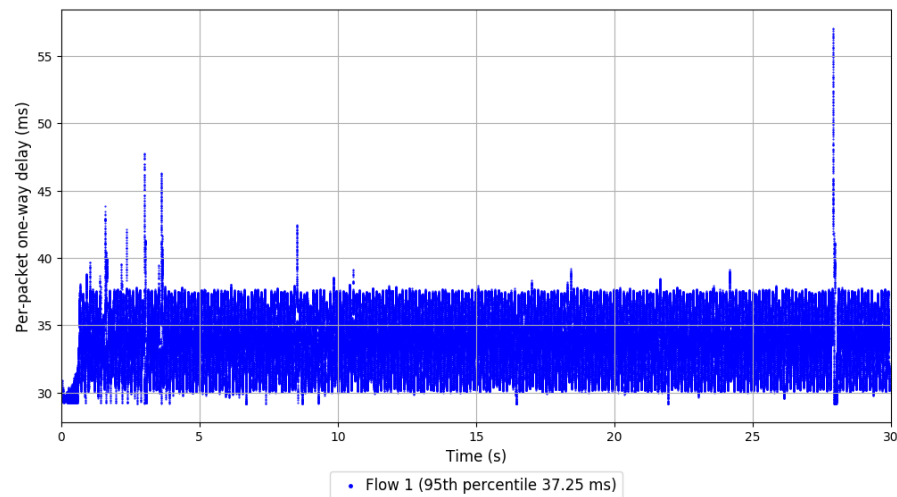
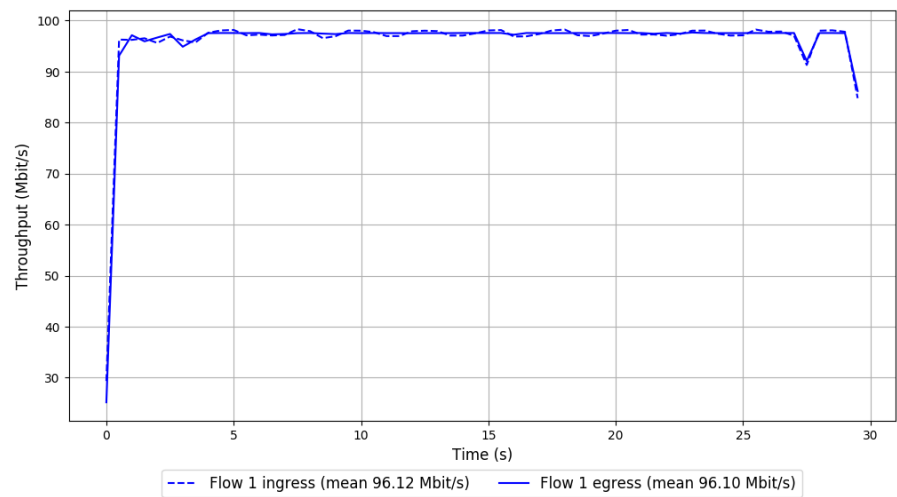
-- Flow 1:

Average throughput: 96.10 Mbit/s

95th percentile per-packet one-way delay: 37.249 ms

Loss rate: 0.10%

Run 8: Report of CalibratedKoho — Data Link



Run 9: Statistics of CalibratedKoho

Start at: Tue, 25 Jul 2017 01:22:23 +0000

End at: Tue, 25 Jul 2017 01:22:53 +0000

Local clock offset: 3.815 ms

Remote clock offset: -22.368 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:40:55 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.12 Mbit/s

95th percentile per-packet one-way delay: 43.136 ms

Loss rate: 0.09%

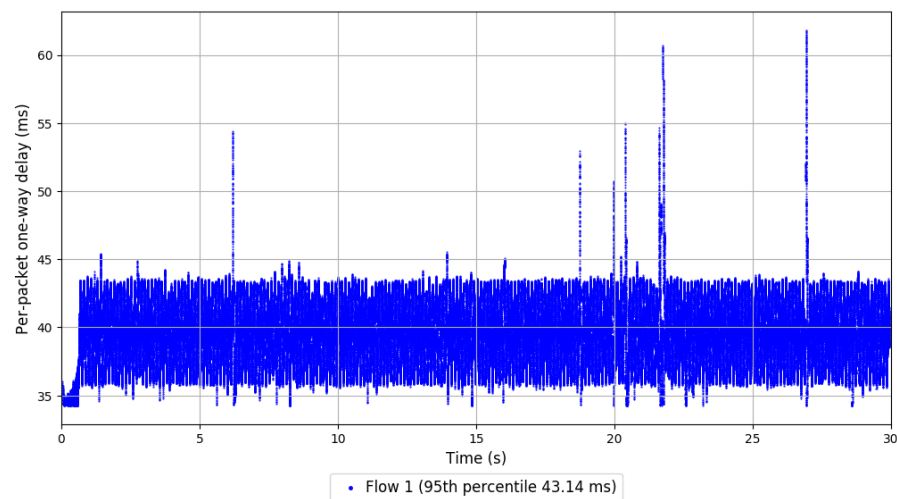
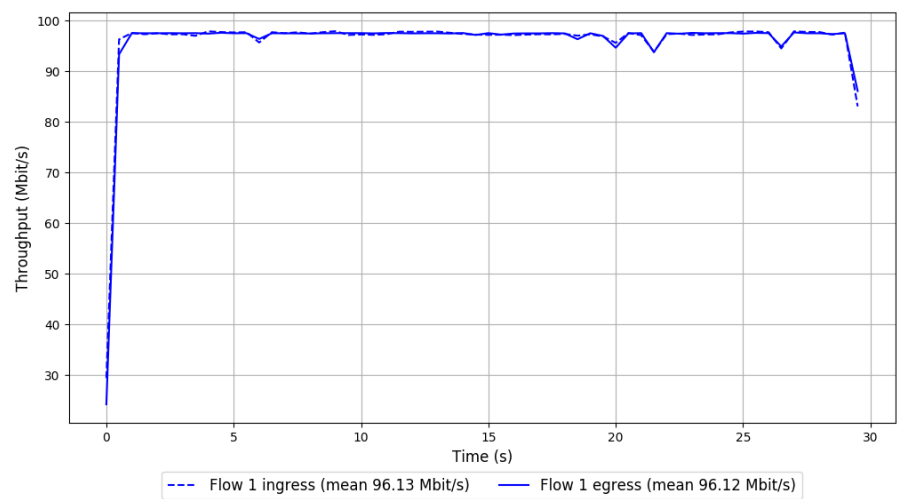
-- Flow 1:

Average throughput: 96.12 Mbit/s

95th percentile per-packet one-way delay: 43.136 ms

Loss rate: 0.09%

Run 9: Report of CalibratedKoho — Data Link



Run 10: Statistics of CalibratedKoho

Start at: Tue, 25 Jul 2017 01:40:35 +0000

End at: Tue, 25 Jul 2017 01:41:05 +0000

Local clock offset: -0.059 ms

Remote clock offset: -23.721 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:40:55 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.00 Mbit/s

95th percentile per-packet one-way delay: 38.475 ms

Loss rate: 0.11%

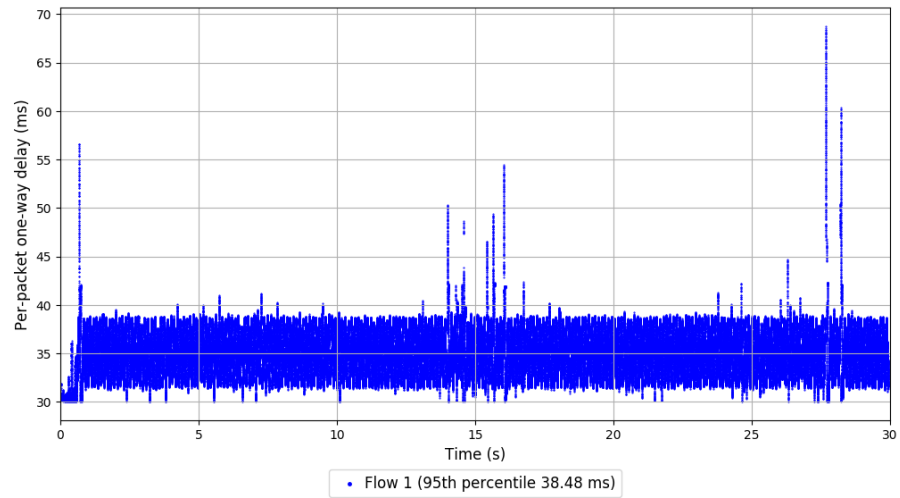
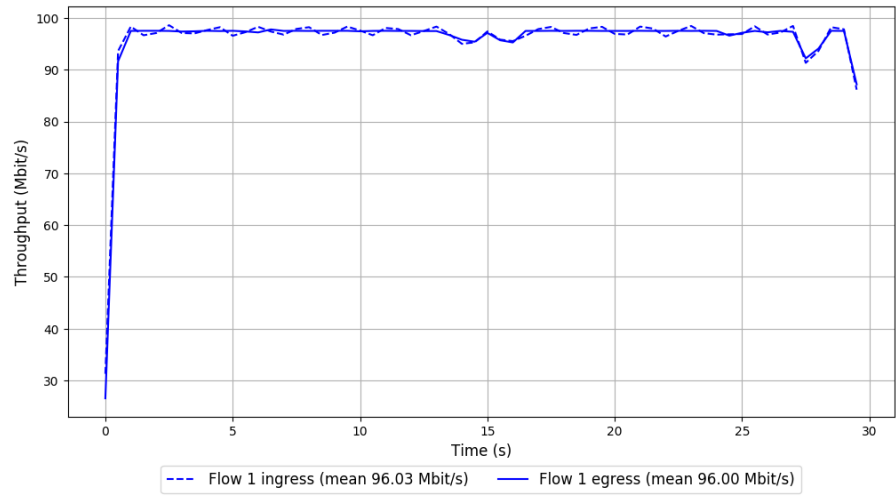
-- Flow 1:

Average throughput: 96.00 Mbit/s

95th percentile per-packet one-way delay: 38.475 ms

Loss rate: 0.11%

Run 10: Report of CalibratedKoho — Data Link



Run 1: Statistics of Copa

Start at: Mon, 24 Jul 2017 23:01:36 +0000

End at: Mon, 24 Jul 2017 23:02:06 +0000

Local clock offset: 5.071 ms

Remote clock offset: -21.333 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:41:08 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 55.63 Mbit/s

95th percentile per-packet one-way delay: 35.095 ms

Loss rate: 0.08%

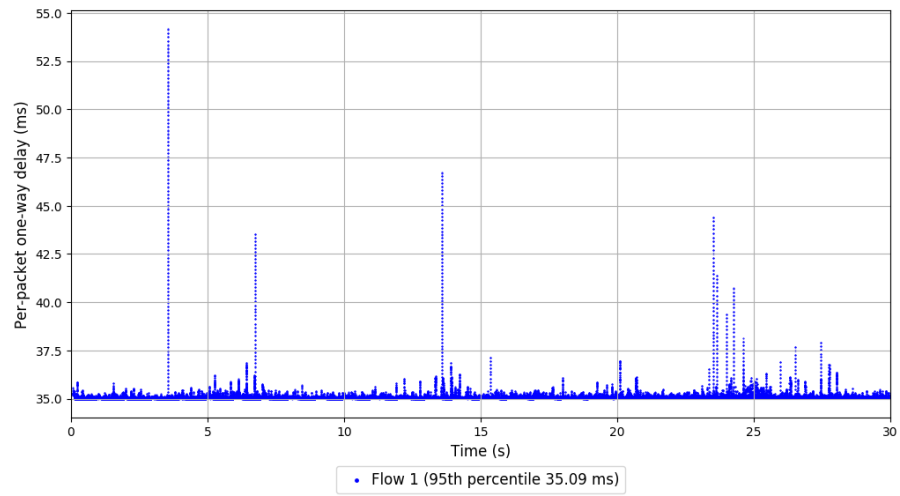
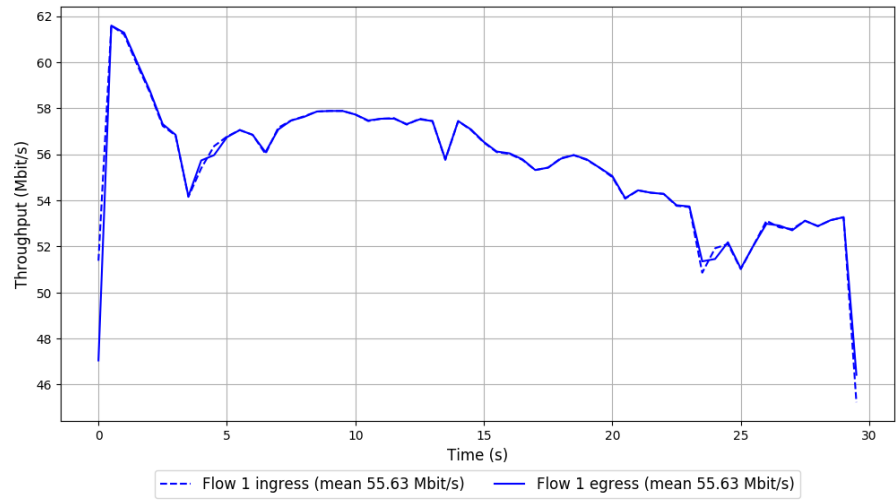
-- Flow 1:

Average throughput: 55.63 Mbit/s

95th percentile per-packet one-way delay: 35.095 ms

Loss rate: 0.08%

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: Mon, 24 Jul 2017 23:19:28 +0000

End at: Mon, 24 Jul 2017 23:19:58 +0000

Local clock offset: 1.91 ms

Remote clock offset: -20.102 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:41:09 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 56.82 Mbit/s

95th percentile per-packet one-way delay: 31.824 ms

Loss rate: 0.08%

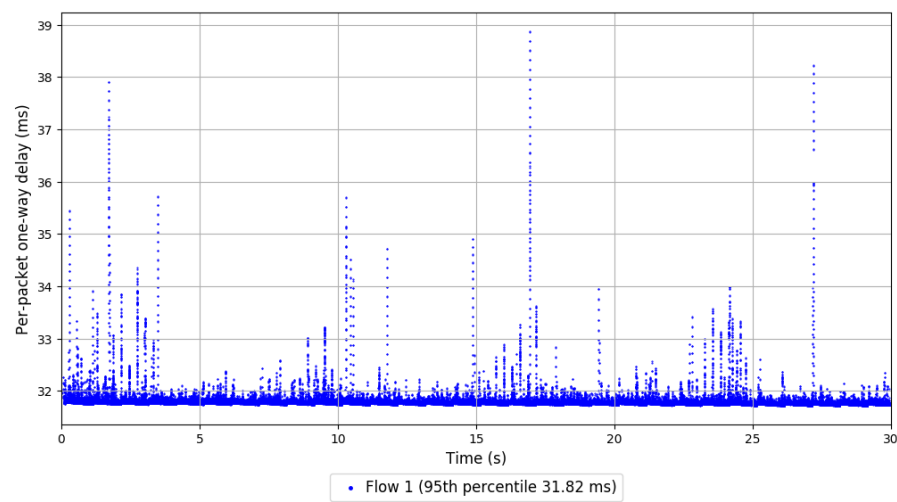
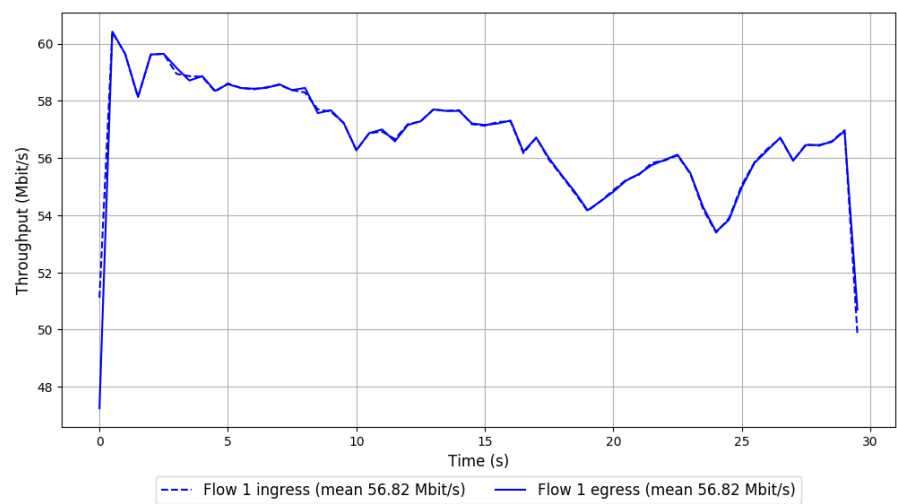
-- Flow 1:

Average throughput: 56.82 Mbit/s

95th percentile per-packet one-way delay: 31.824 ms

Loss rate: 0.08%

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

Start at: Mon, 24 Jul 2017 23:37:16 +0000

End at: Mon, 24 Jul 2017 23:37:46 +0000

Local clock offset: 1.516 ms

Remote clock offset: -19.698 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:41:23 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 57.90 Mbit/s

95th percentile per-packet one-way delay: 30.380 ms

Loss rate: 0.08%

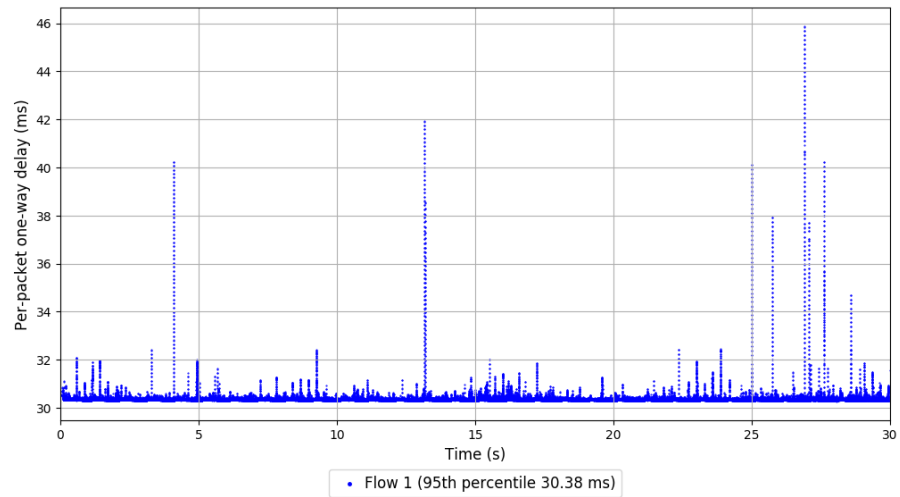
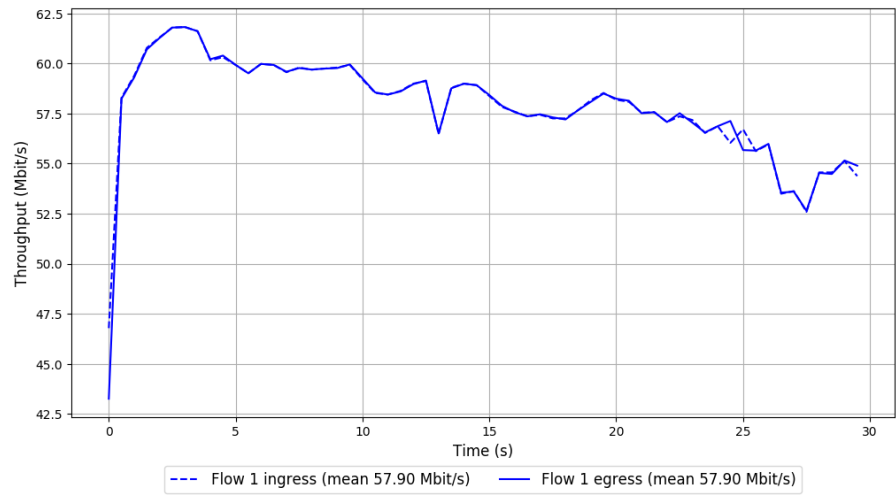
-- Flow 1:

Average throughput: 57.90 Mbit/s

95th percentile per-packet one-way delay: 30.380 ms

Loss rate: 0.08%

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: Mon, 24 Jul 2017 23:55:01 +0000

End at: Mon, 24 Jul 2017 23:55:31 +0000

Local clock offset: 3.539 ms

Remote clock offset: -19.846 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:41:23 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 55.41 Mbit/s

95th percentile per-packet one-way delay: 33.118 ms

Loss rate: 0.08%

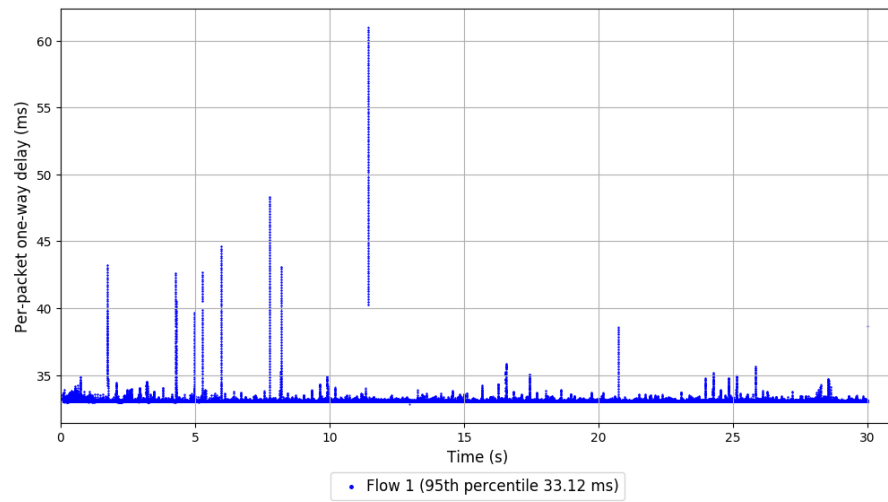
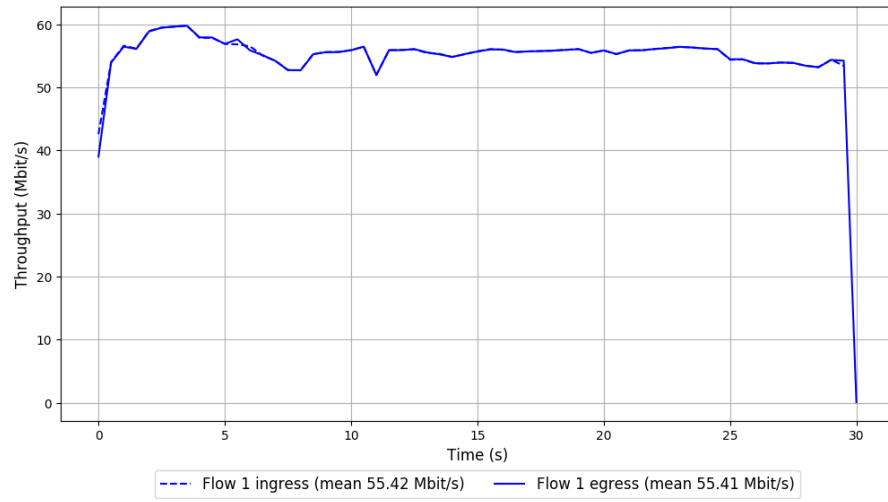
-- Flow 1:

Average throughput: 55.41 Mbit/s

95th percentile per-packet one-way delay: 33.118 ms

Loss rate: 0.08%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: Tue, 25 Jul 2017 00:13:04 +0000

End at: Tue, 25 Jul 2017 00:13:34 +0000

Local clock offset: 1.667 ms

Remote clock offset: -19.468 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:41:36 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 57.88 Mbit/s

95th percentile per-packet one-way delay: 31.664 ms

Loss rate: 0.08%

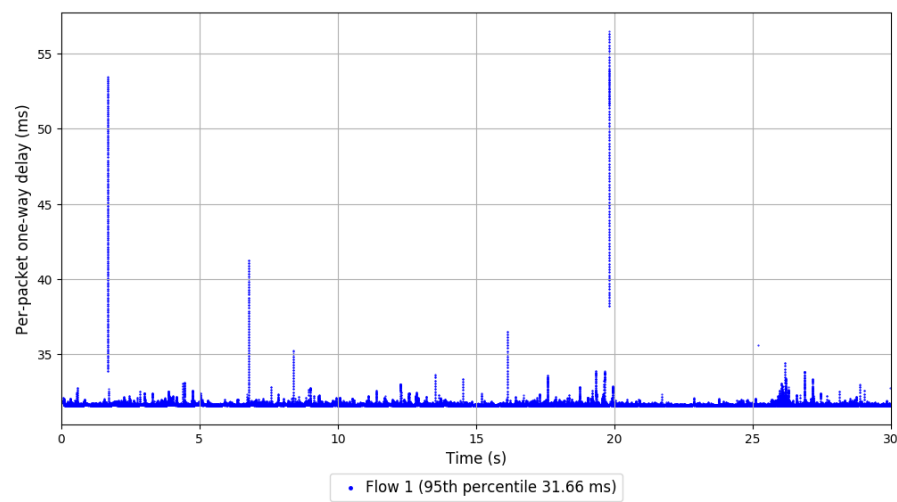
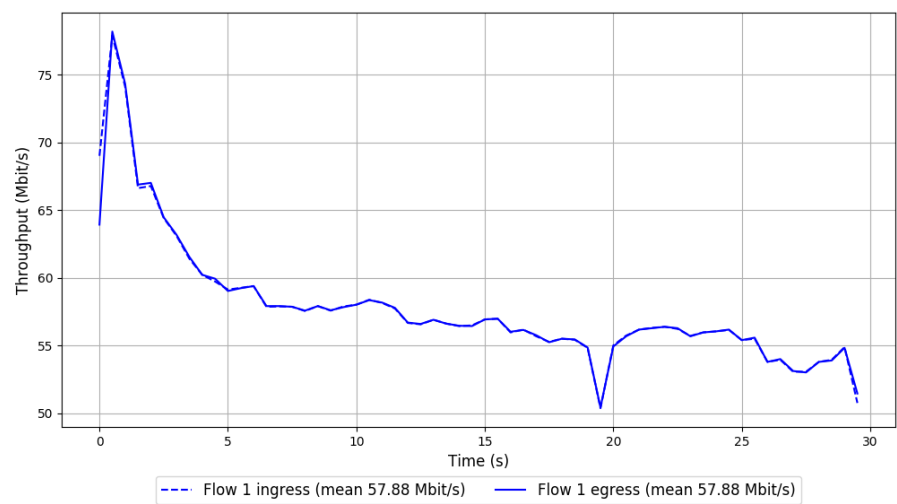
-- Flow 1:

Average throughput: 57.88 Mbit/s

95th percentile per-packet one-way delay: 31.664 ms

Loss rate: 0.08%

Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: Tue, 25 Jul 2017 00:30:52 +0000

End at: Tue, 25 Jul 2017 00:31:22 +0000

Local clock offset: 1.778 ms

Remote clock offset: -19.776 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:41:37 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 56.35 Mbit/s

95th percentile per-packet one-way delay: 30.460 ms

Loss rate: 0.08%

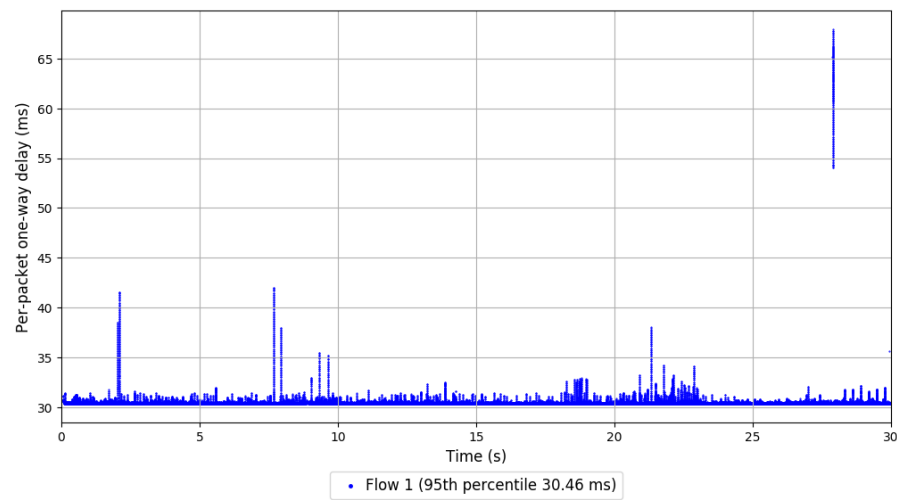
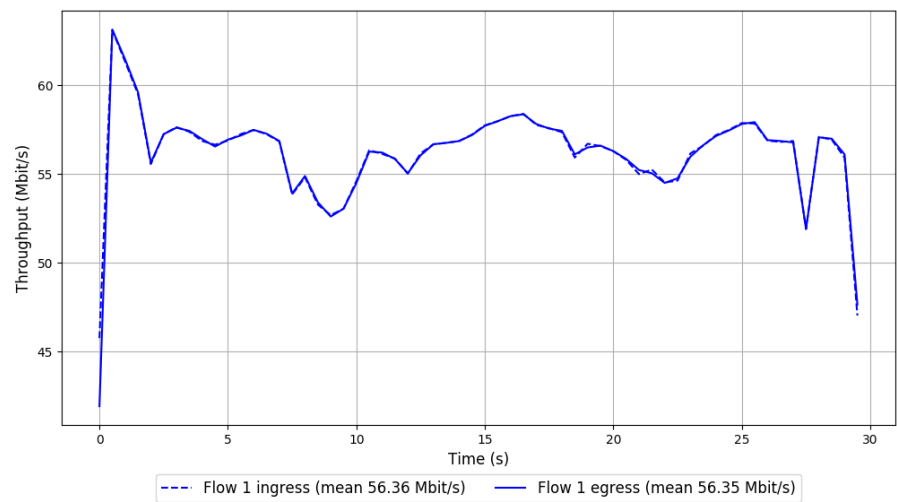
-- Flow 1:

Average throughput: 56.35 Mbit/s

95th percentile per-packet one-way delay: 30.460 ms

Loss rate: 0.08%

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

Start at: Tue, 25 Jul 2017 00:48:43 +0000

End at: Tue, 25 Jul 2017 00:49:13 +0000

Local clock offset: 2.289 ms

Remote clock offset: -22.212 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:41:50 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 54.77 Mbit/s

95th percentile per-packet one-way delay: 33.915 ms

Loss rate: 0.08%

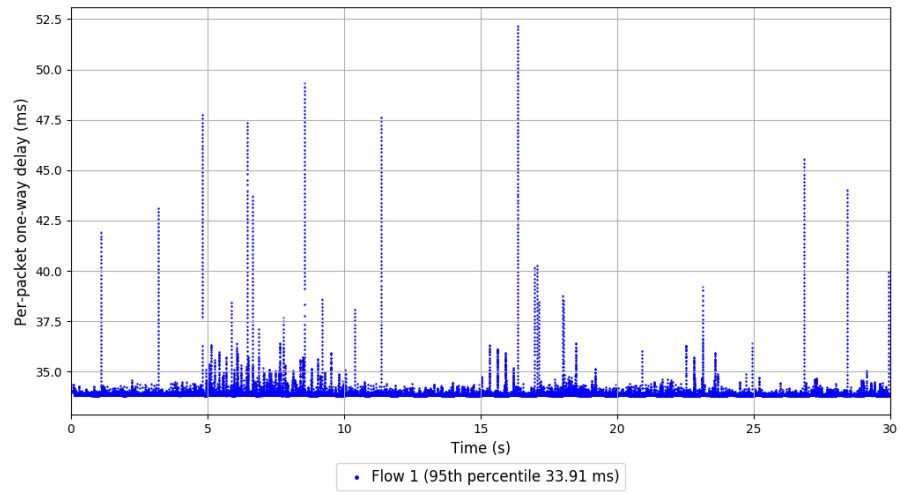
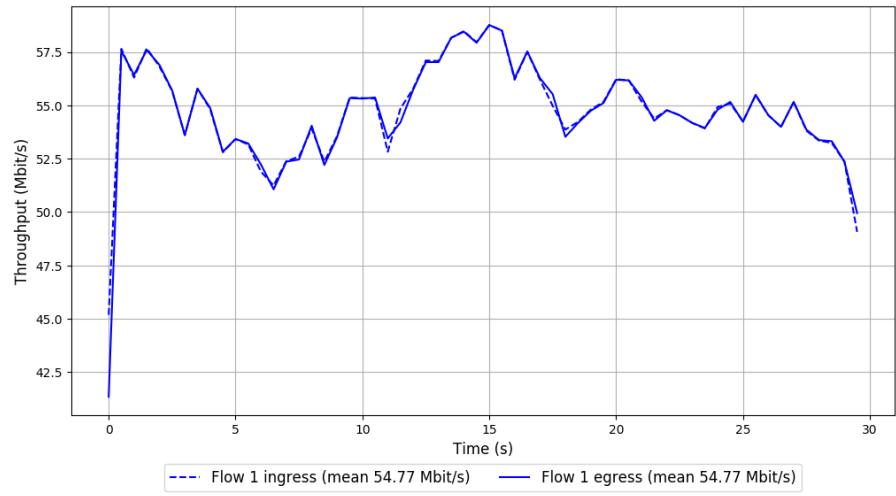
-- Flow 1:

Average throughput: 54.77 Mbit/s

95th percentile per-packet one-way delay: 33.915 ms

Loss rate: 0.08%

Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

Start at: Tue, 25 Jul 2017 01:06:50 +0000

End at: Tue, 25 Jul 2017 01:07:20 +0000

Local clock offset: -0.664 ms

Remote clock offset: -23.081 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:41:51 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 55.39 Mbit/s

95th percentile per-packet one-way delay: 31.181 ms

Loss rate: 0.09%

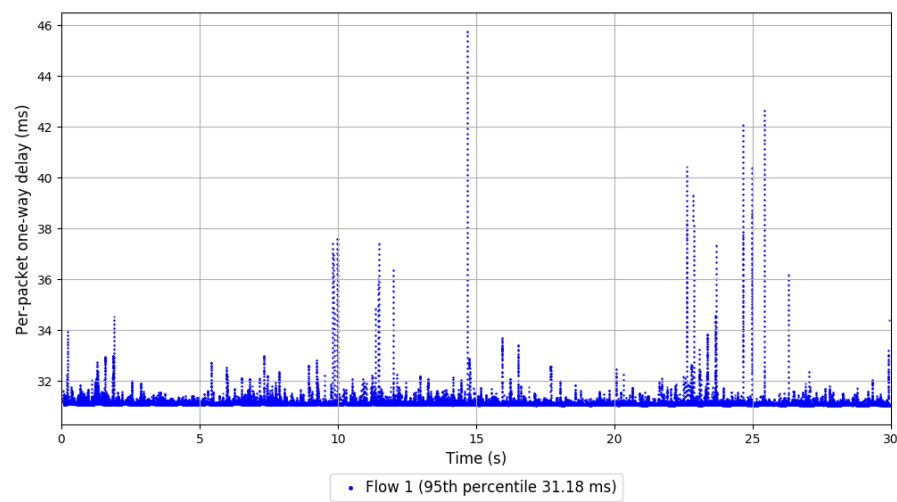
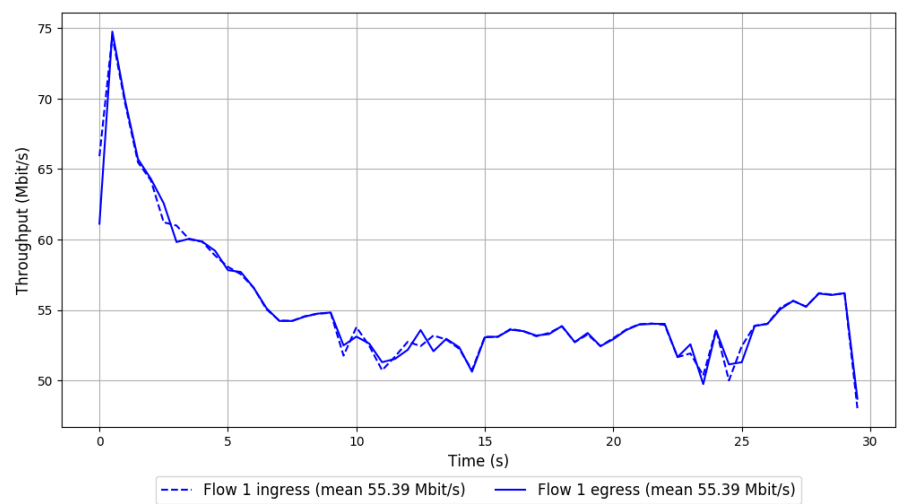
-- Flow 1:

Average throughput: 55.39 Mbit/s

95th percentile per-packet one-way delay: 31.181 ms

Loss rate: 0.09%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: Tue, 25 Jul 2017 01:24:58 +0000

End at: Tue, 25 Jul 2017 01:25:28 +0000

Local clock offset: 1.957 ms

Remote clock offset: -21.568 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:42:03 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 54.37 Mbit/s

95th percentile per-packet one-way delay: 31.768 ms

Loss rate: 0.08%

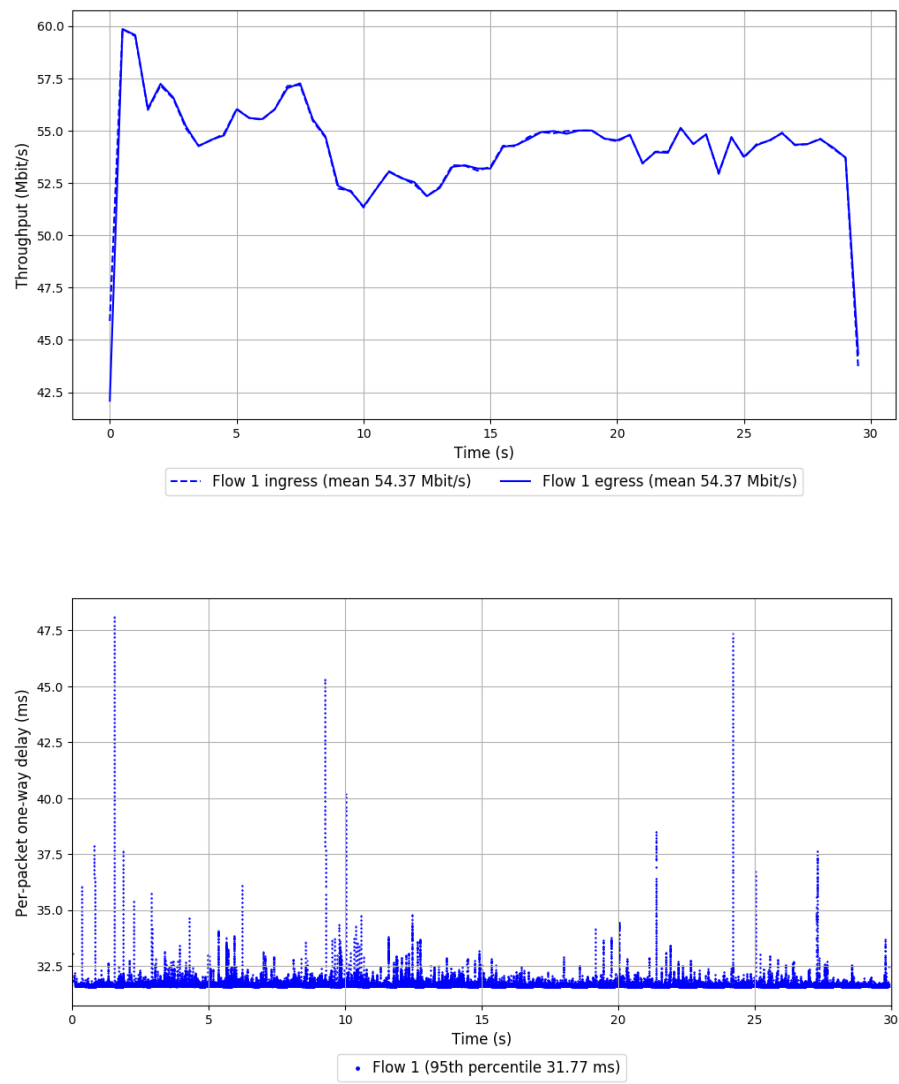
-- Flow 1:

Average throughput: 54.37 Mbit/s

95th percentile per-packet one-way delay: 31.768 ms

Loss rate: 0.08%

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: Tue, 25 Jul 2017 01:42:55 +0000

End at: Tue, 25 Jul 2017 01:43:25 +0000

Local clock offset: 3.685 ms

Remote clock offset: -22.806 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:42:04 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 54.01 Mbit/s

95th percentile per-packet one-way delay: 32.918 ms

Loss rate: 0.08%

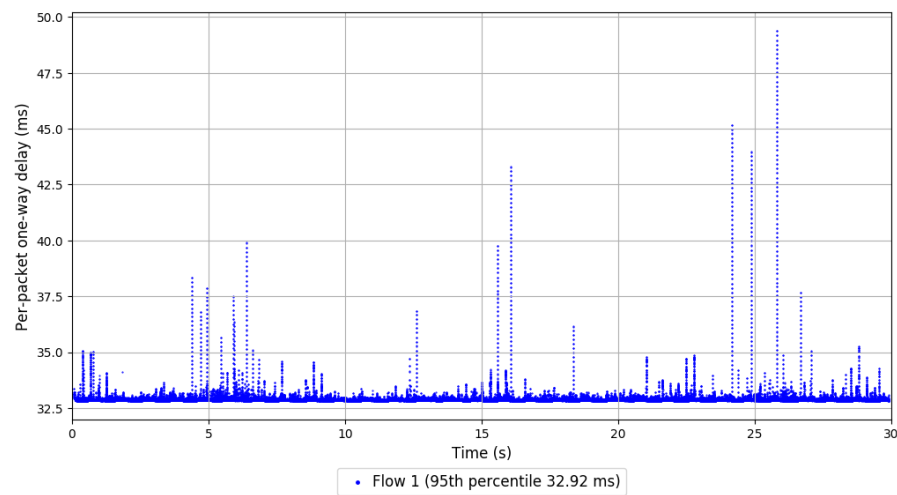
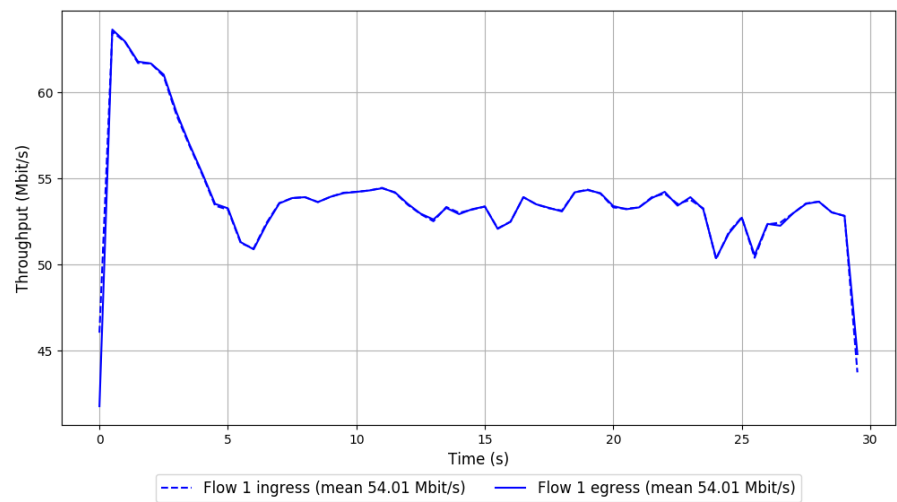
-- Flow 1:

Average throughput: 54.01 Mbit/s

95th percentile per-packet one-way delay: 32.918 ms

Loss rate: 0.08%

Run 10: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

Start at: Mon, 24 Jul 2017 23:00:25 +0000

End at: Mon, 24 Jul 2017 23:00:55 +0000

Local clock offset: 5.378 ms

Remote clock offset: -23.361 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:42:16 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.14 Mbit/s

95th percentile per-packet one-way delay: 49.530 ms

Loss rate: 0.12%

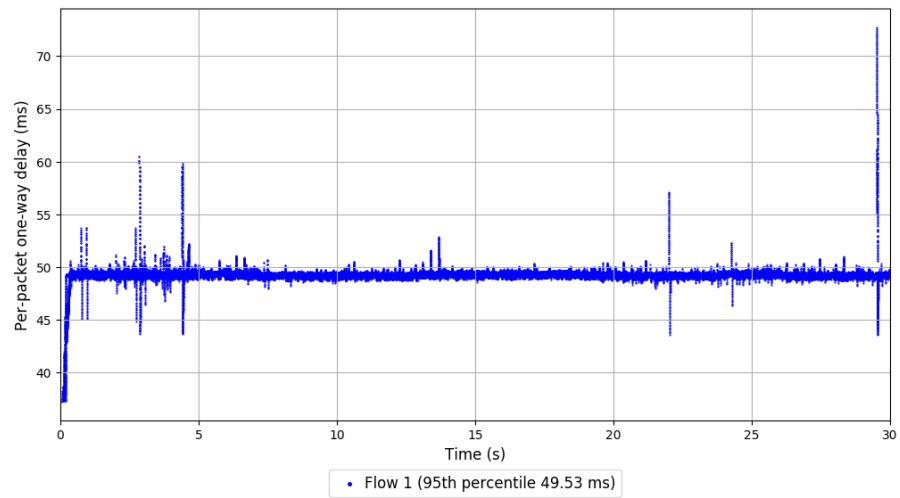
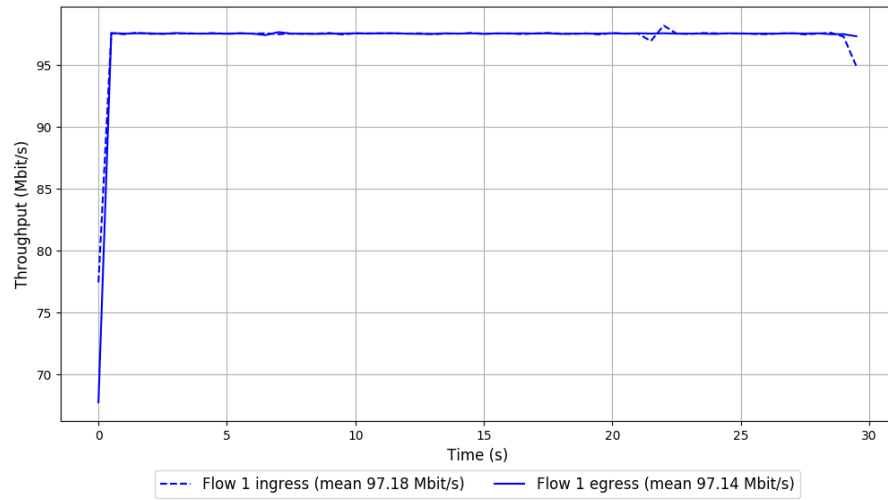
-- Flow 1:

Average throughput: 97.14 Mbit/s

95th percentile per-packet one-way delay: 49.530 ms

Loss rate: 0.12%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: Mon, 24 Jul 2017 23:18:15 +0000

End at: Mon, 24 Jul 2017 23:18:45 +0000

Local clock offset: 3.743 ms

Remote clock offset: -21.14 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:42:17 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.12 Mbit/s

95th percentile per-packet one-way delay: 47.006 ms

Loss rate: 0.12%

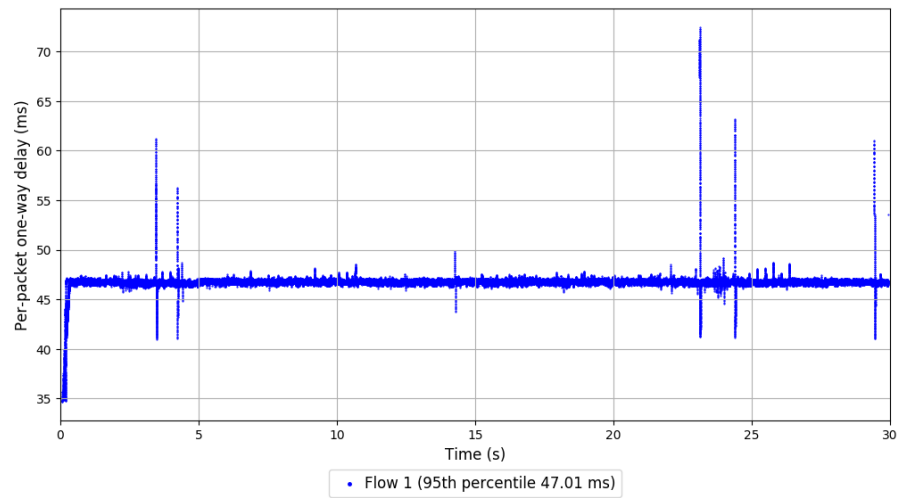
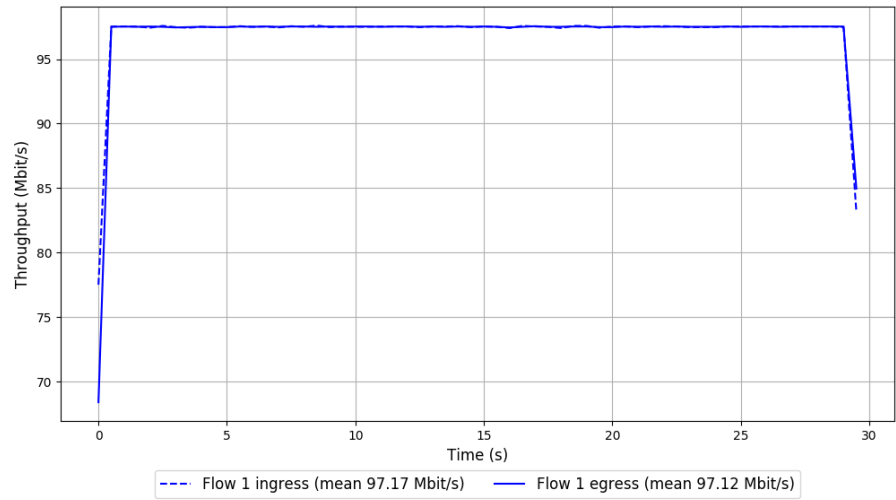
-- Flow 1:

Average throughput: 97.12 Mbit/s

95th percentile per-packet one-way delay: 47.006 ms

Loss rate: 0.12%

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: Mon, 24 Jul 2017 23:36:04 +0000

End at: Mon, 24 Jul 2017 23:36:34 +0000

Local clock offset: 4.26 ms

Remote clock offset: -22.06 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:42:29 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.15 Mbit/s

95th percentile per-packet one-way delay: 47.666 ms

Loss rate: 0.12%

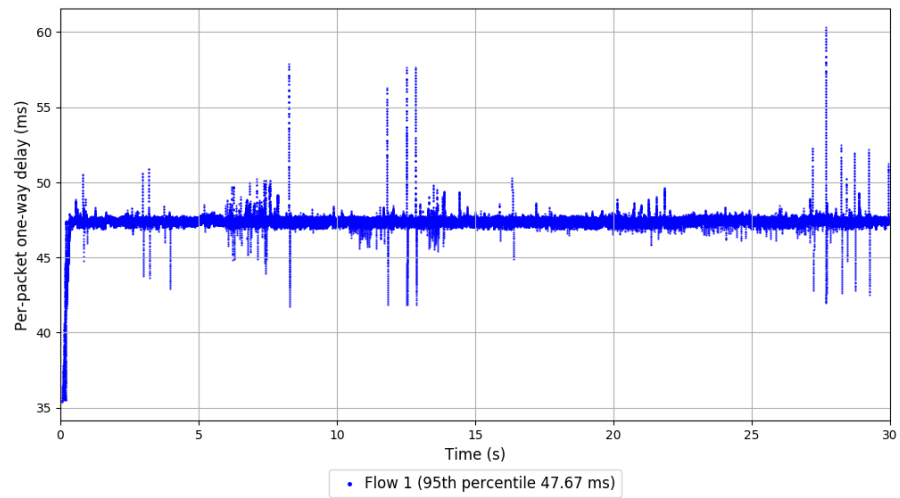
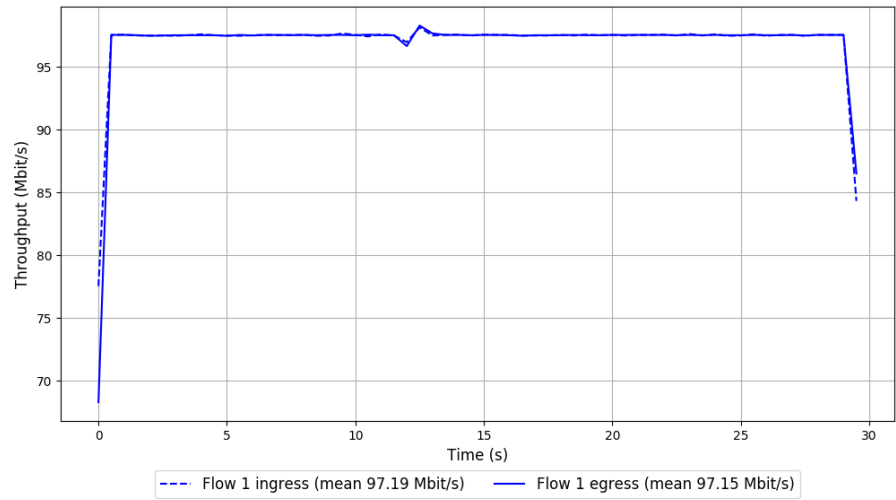
-- Flow 1:

Average throughput: 97.15 Mbit/s

95th percentile per-packet one-way delay: 47.666 ms

Loss rate: 0.12%

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: Mon, 24 Jul 2017 23:53:56 +0000

End at: Mon, 24 Jul 2017 23:54:26 +0000

Local clock offset: 2.518 ms

Remote clock offset: -20.11 ms

Run 4: Report of TCP Cubic — Data Link

Figure is missing

Figure is missing

Run 5: Statistics of TCP Cubic

Start at: Tue, 25 Jul 2017 00:11:52 +0000

End at: Tue, 25 Jul 2017 00:12:22 +0000

Local clock offset: 2.343 ms

Remote clock offset: -19.503 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:42:30 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.09 Mbit/s

95th percentile per-packet one-way delay: 44.650 ms

Loss rate: 0.12%

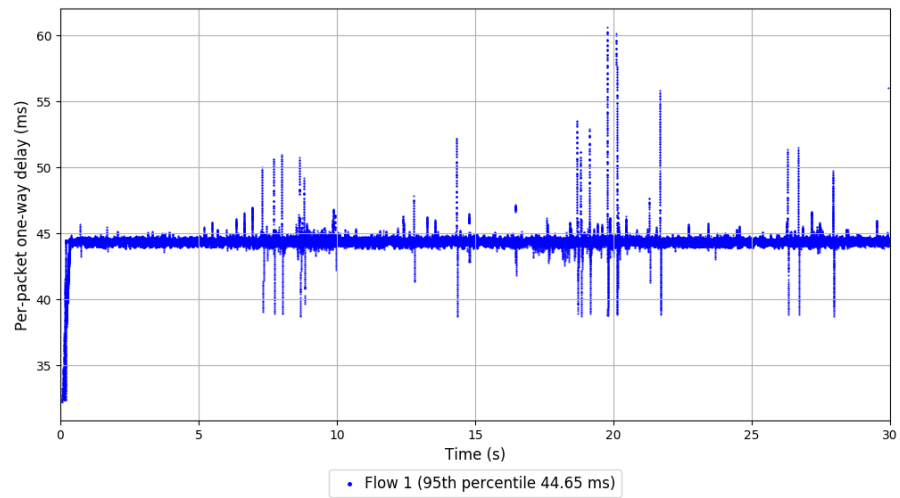
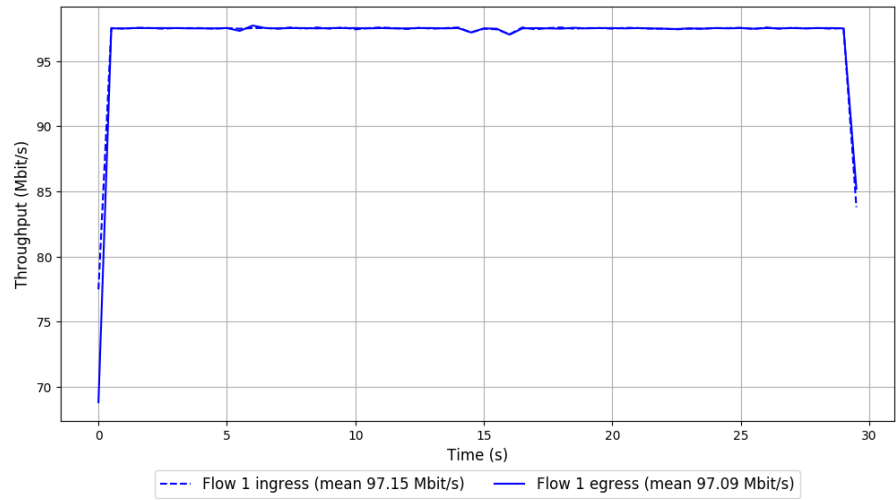
-- Flow 1:

Average throughput: 97.09 Mbit/s

95th percentile per-packet one-way delay: 44.650 ms

Loss rate: 0.12%

Run 5: Report of TCP Cubic — Data Link



Run 6: Statistics of TCP Cubic

Start at: Tue, 25 Jul 2017 00:29:48 +0000

End at: Tue, 25 Jul 2017 00:30:18 +0000

Local clock offset: 2.554 ms

Remote clock offset: -20.215 ms

Run 6: Report of TCP Cubic — Data Link

Figure is missing

Figure is missing

Run 7: Statistics of TCP Cubic

Start at: Tue, 25 Jul 2017 00:47:38 +0000

End at: Tue, 25 Jul 2017 00:48:08 +0000

Local clock offset: 1.039 ms

Remote clock offset: -21.986 ms

Run 7: Report of TCP Cubic — Data Link

Figure is missing

Figure is missing

Run 8: Statistics of TCP Cubic

Start at: Tue, 25 Jul 2017 01:05:37 +0000

End at: Tue, 25 Jul 2017 01:06:07 +0000

Local clock offset: 3.273 ms

Remote clock offset: -22.206 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:42:43 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.12 Mbit/s

95th percentile per-packet one-way delay: 46.433 ms

Loss rate: 0.12%

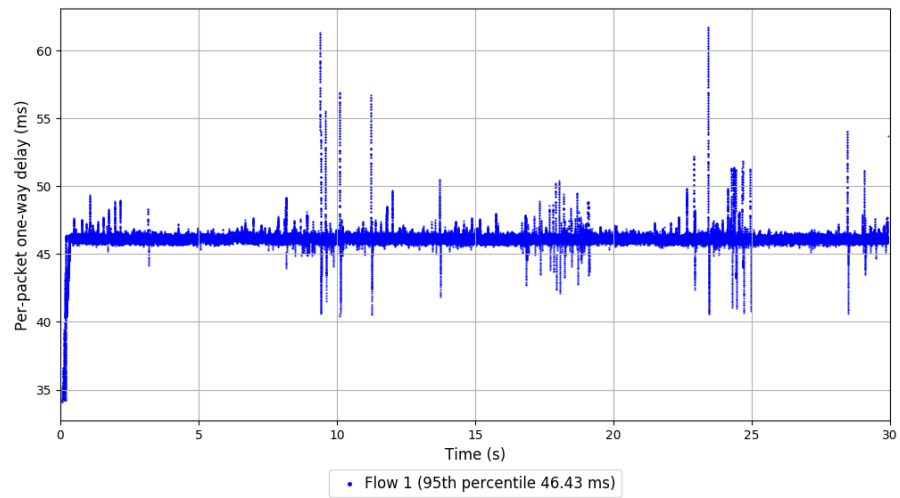
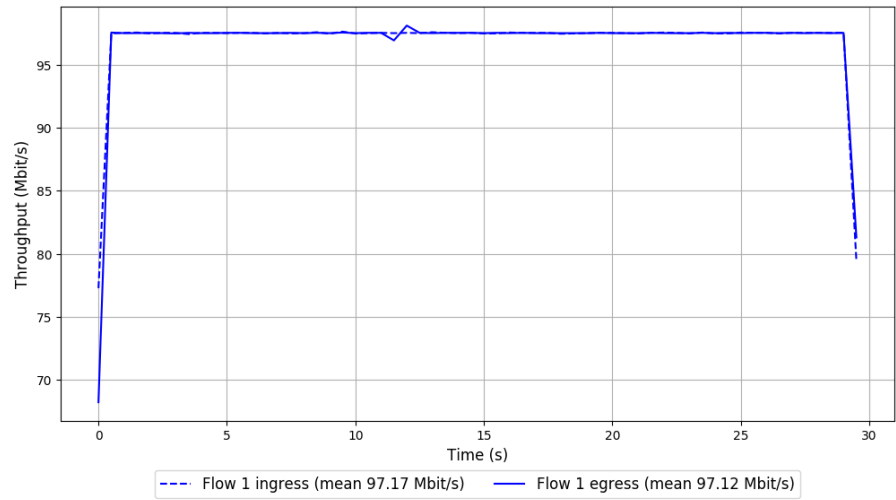
-- Flow 1:

Average throughput: 97.12 Mbit/s

95th percentile per-packet one-way delay: 46.433 ms

Loss rate: 0.12%

Run 8: Report of TCP Cubic — Data Link



Run 9: Statistics of TCP Cubic

Start at: Tue, 25 Jul 2017 01:23:41 +0000

End at: Tue, 25 Jul 2017 01:24:11 +0000

Local clock offset: 2.985 ms

Remote clock offset: -22.039 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:42:44 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.10 Mbit/s

95th percentile per-packet one-way delay: 45.597 ms

Loss rate: 0.13%

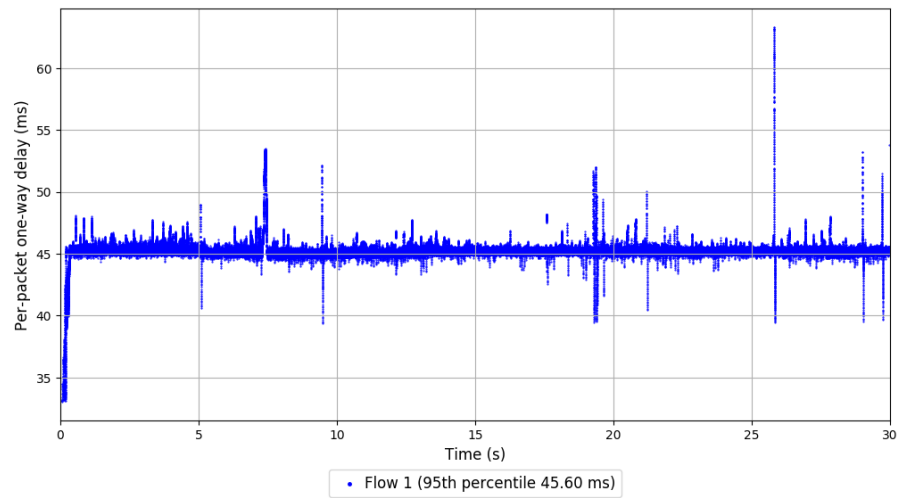
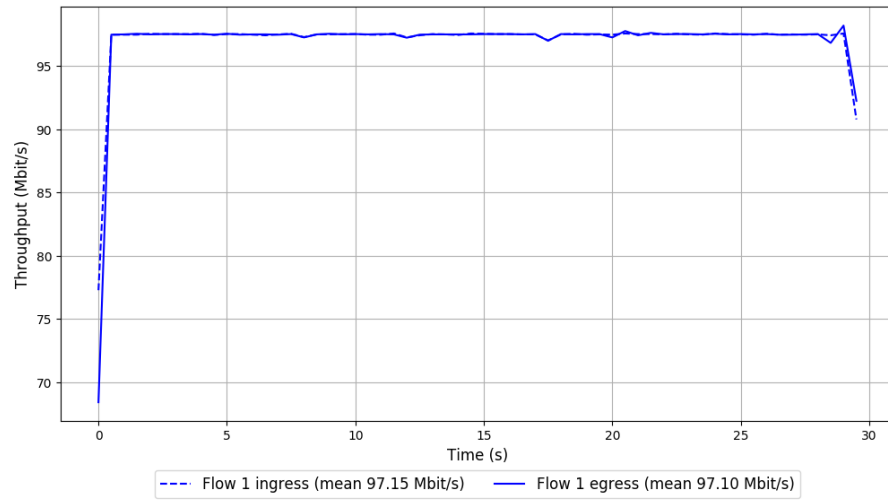
-- Flow 1:

Average throughput: 97.10 Mbit/s

95th percentile per-packet one-way delay: 45.597 ms

Loss rate: 0.13%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: Tue, 25 Jul 2017 01:41:50 +0000

End at: Tue, 25 Jul 2017 01:42:20 +0000

Local clock offset: -0.137 ms

Remote clock offset: -22.476 ms

Run 10: Report of TCP Cubic — Data Link

Figure is missing

Figure is missing

Run 1: Statistics of KohoCC

Start at: Mon, 24 Jul 2017 23:06:36 +0000

End at: Mon, 24 Jul 2017 23:07:06 +0000

Local clock offset: -2.03 ms

Remote clock offset: -22.603 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:42:48 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 47.27 Mbit/s

95th percentile per-packet one-way delay: 29.989 ms

Loss rate: 0.08%

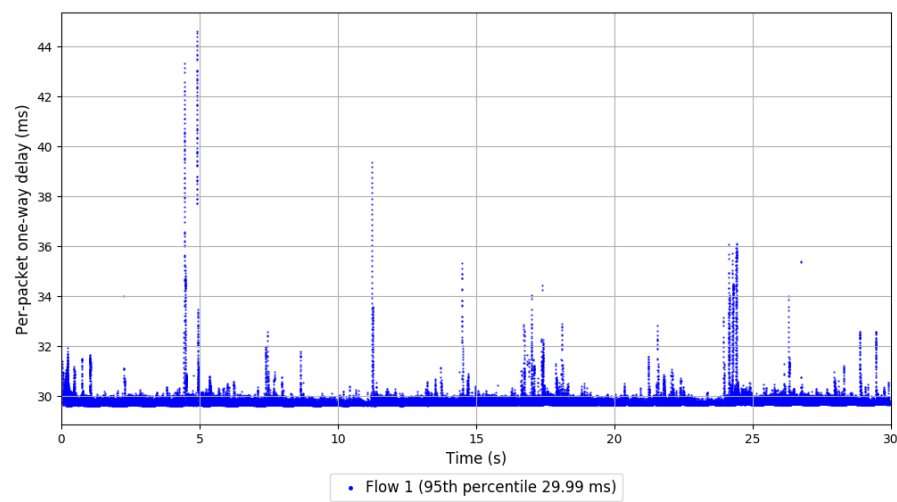
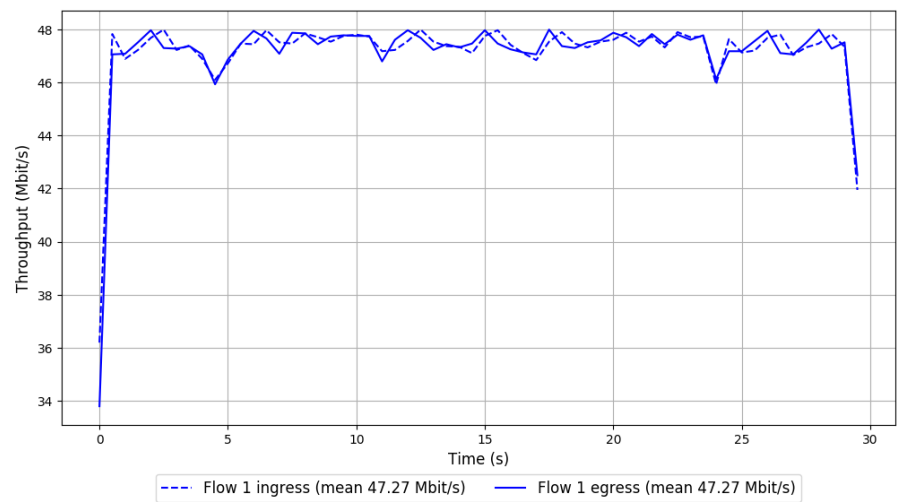
-- Flow 1:

Average throughput: 47.27 Mbit/s

95th percentile per-packet one-way delay: 29.989 ms

Loss rate: 0.08%

Run 1: Report of KohoCC — Data Link



Run 2: Statistics of KohoCC

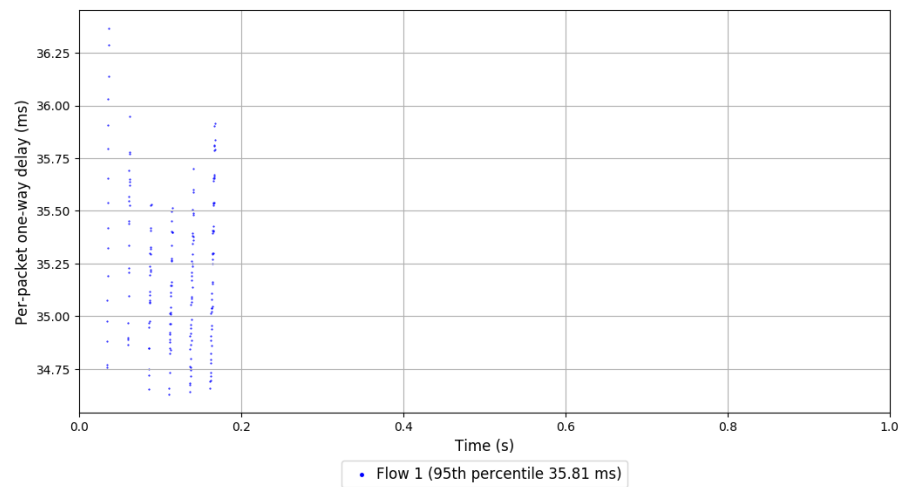
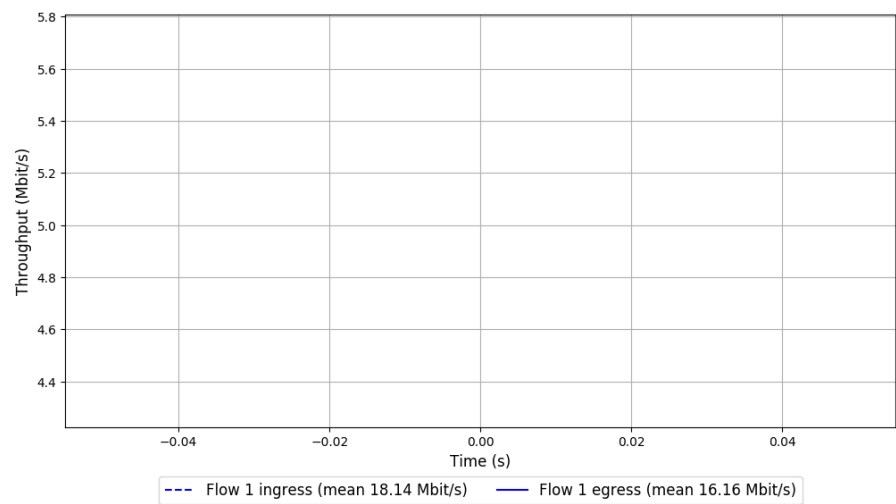
Start at: Mon, 24 Jul 2017 23:24:27 +0000

End at: Mon, 24 Jul 2017 23:24:57 +0000

Local clock offset: 3.958 ms

Remote clock offset: -21.19 ms

Run 2: Report of KohoCC — Data Link



Run 3: Statistics of KohoCC

Start at: Mon, 24 Jul 2017 23:42:11 +0000

End at: Mon, 24 Jul 2017 23:42:41 +0000

Local clock offset: 2.387 ms

Remote clock offset: -20.544 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:42:52 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 47.30 Mbit/s

95th percentile per-packet one-way delay: 32.147 ms

Loss rate: 0.08%

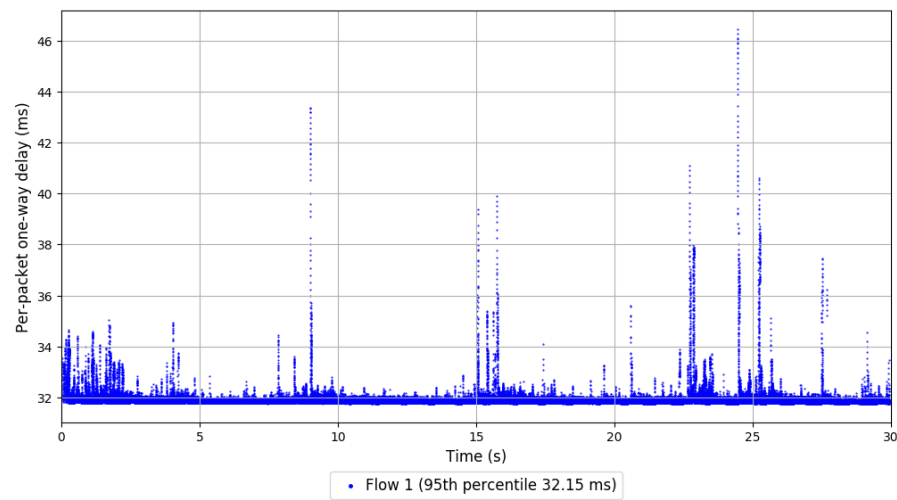
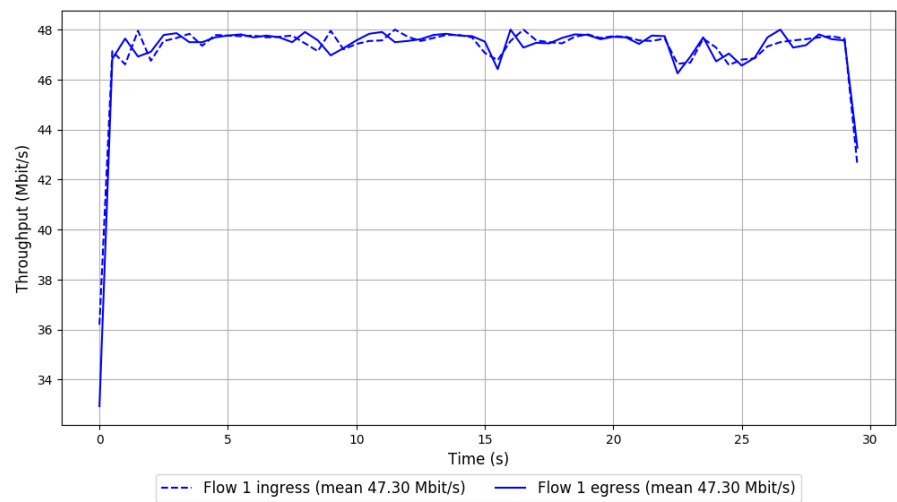
-- Flow 1:

Average throughput: 47.30 Mbit/s

95th percentile per-packet one-way delay: 32.147 ms

Loss rate: 0.08%

Run 3: Report of KohoCC — Data Link



Run 4: Statistics of KohoCC

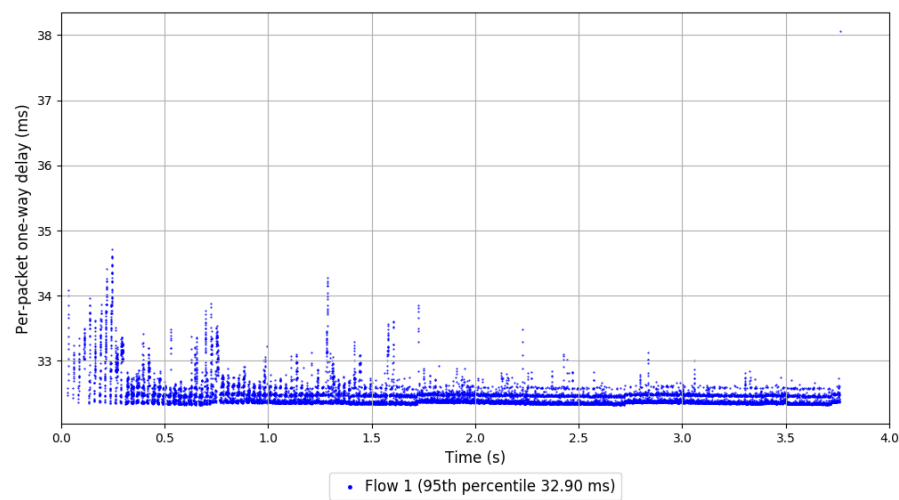
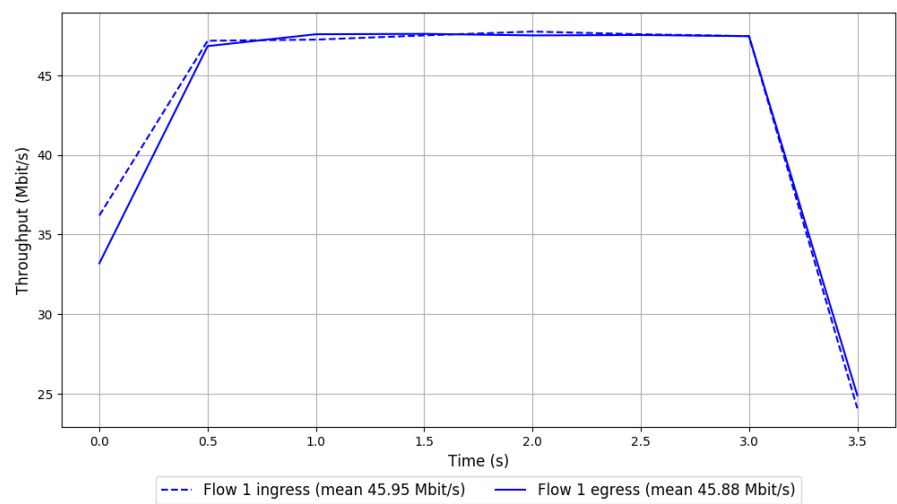
Start at: Tue, 25 Jul 2017 00:00:03 +0000

End at: Tue, 25 Jul 2017 00:00:33 +0000

Local clock offset: 2.498 ms

Remote clock offset: -19.792 ms

Run 4: Report of KohoCC — Data Link



Run 5: Statistics of KohoCC

Start at: Tue, 25 Jul 2017 00:18:04 +0000

End at: Tue, 25 Jul 2017 00:18:34 +0000

Local clock offset: 2.114 ms

Remote clock offset: -18.759 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:42:58 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 49.49 Mbit/s

95th percentile per-packet one-way delay: 30.486 ms

Loss rate: 0.08%

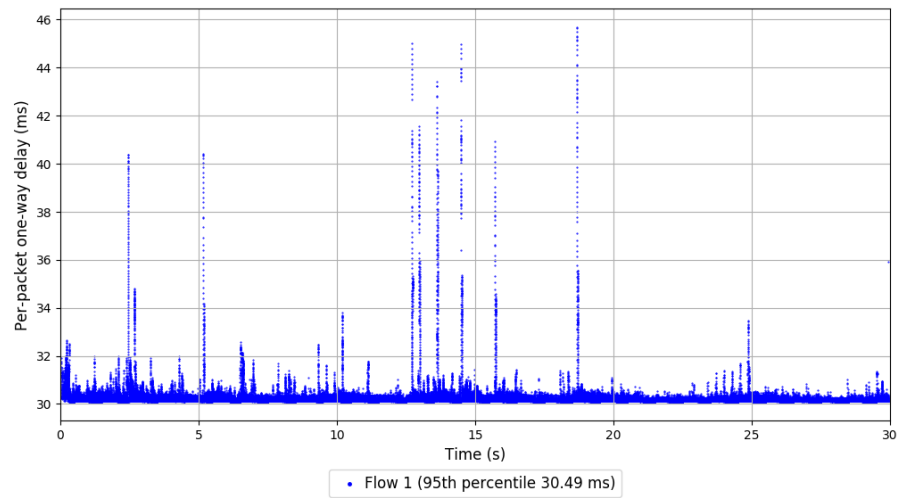
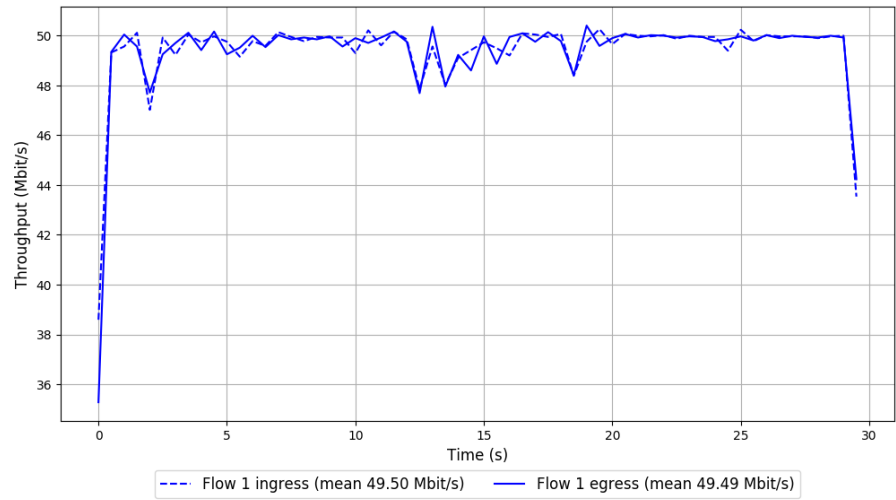
-- Flow 1:

Average throughput: 49.49 Mbit/s

95th percentile per-packet one-way delay: 30.486 ms

Loss rate: 0.08%

Run 5: Report of KohoCC — Data Link



Run 6: Statistics of KohoCC

Start at: Tue, 25 Jul 2017 00:35:53 +0000

End at: Tue, 25 Jul 2017 00:36:23 +0000

Local clock offset: -0.581 ms

Remote clock offset: -20.259 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:42:58 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 46.06 Mbit/s

95th percentile per-packet one-way delay: 29.832 ms

Loss rate: 0.09%

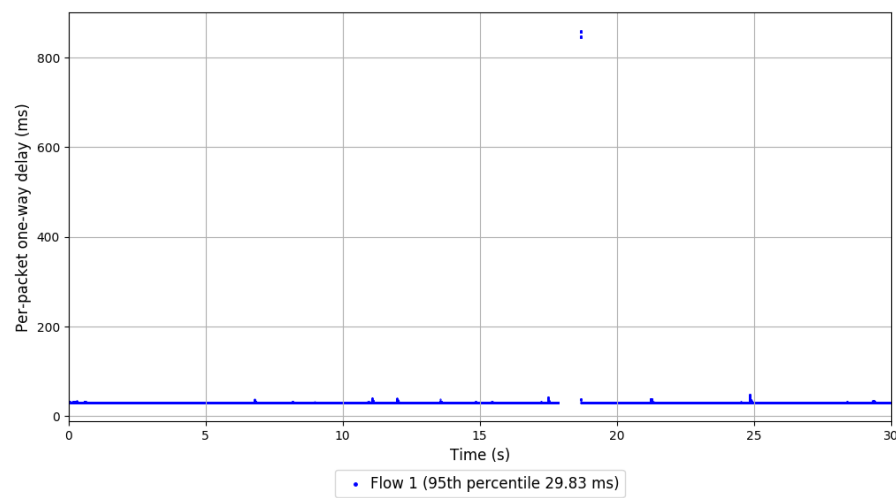
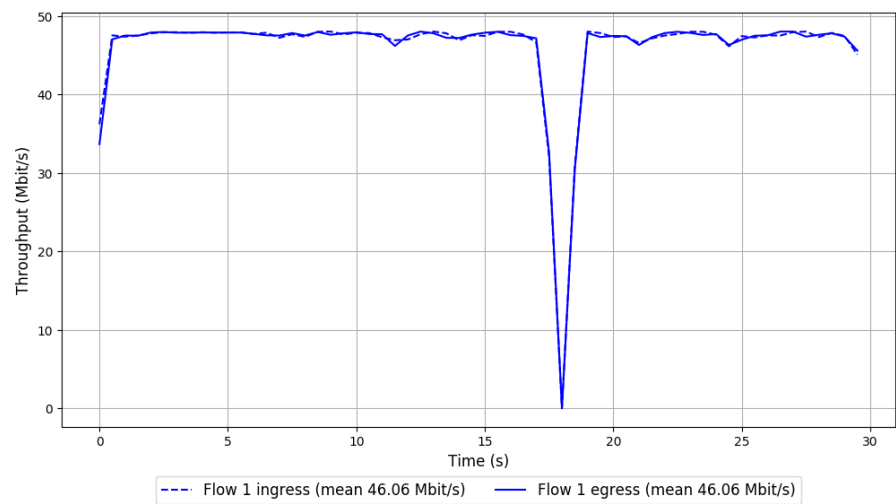
-- Flow 1:

Average throughput: 46.06 Mbit/s

95th percentile per-packet one-way delay: 29.832 ms

Loss rate: 0.09%

Run 6: Report of KohoCC — Data Link



Run 7: Statistics of KohoCC

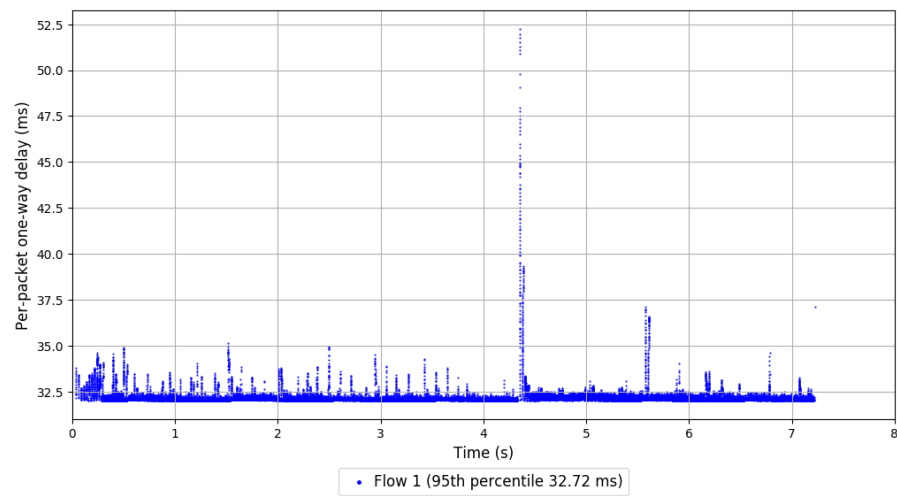
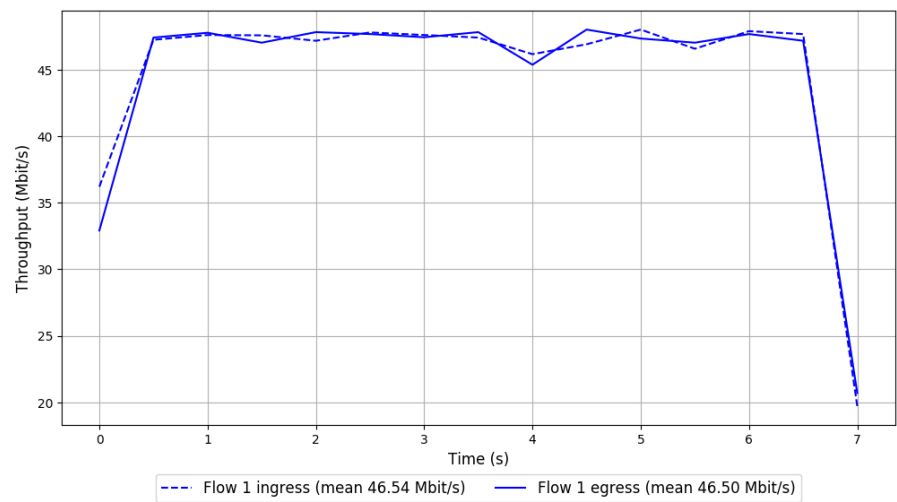
Start at: Tue, 25 Jul 2017 00:53:52 +0000

End at: Tue, 25 Jul 2017 00:54:22 +0000

Local clock offset: 2.14 ms

Remote clock offset: -20.776 ms

Run 7: Report of KohoCC — Data Link



Run 8: Statistics of KohoCC

Start at: Tue, 25 Jul 2017 01:11:59 +0000

End at: Tue, 25 Jul 2017 01:12:29 +0000

Local clock offset: 4.754 ms

Remote clock offset: -20.399 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:43:04 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 47.39 Mbit/s

95th percentile per-packet one-way delay: 33.790 ms

Loss rate: 0.08%

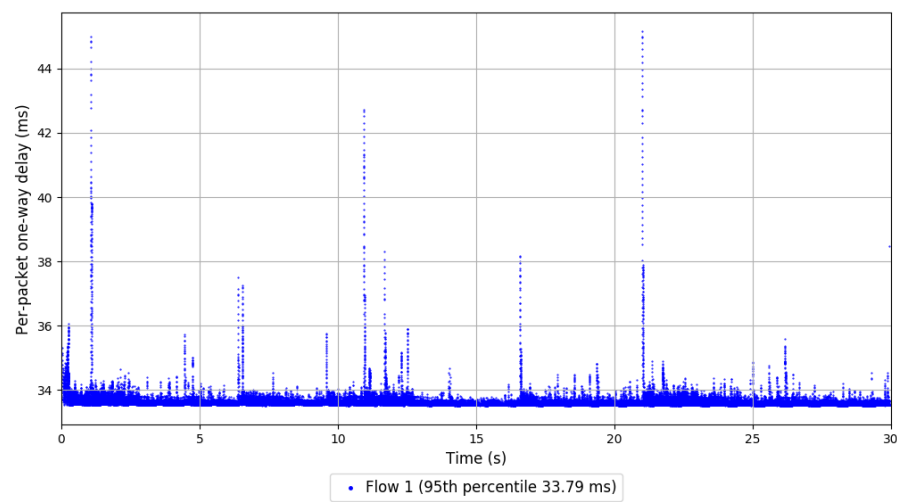
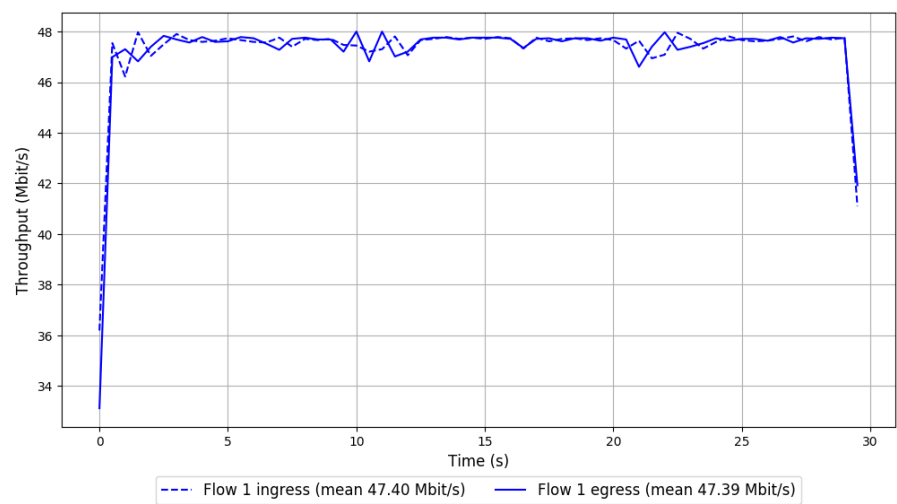
-- Flow 1:

Average throughput: 47.39 Mbit/s

95th percentile per-packet one-way delay: 33.790 ms

Loss rate: 0.08%

Run 8: Report of KohoCC — Data Link



Run 9: Statistics of KohoCC

Start at: Tue, 25 Jul 2017 01:30:00 +0000

End at: Tue, 25 Jul 2017 01:30:30 +0000

Local clock offset: 3.742 ms

Remote clock offset: -22.299 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:43:07 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 47.14 Mbit/s

95th percentile per-packet one-way delay: 34.358 ms

Loss rate: 0.11%

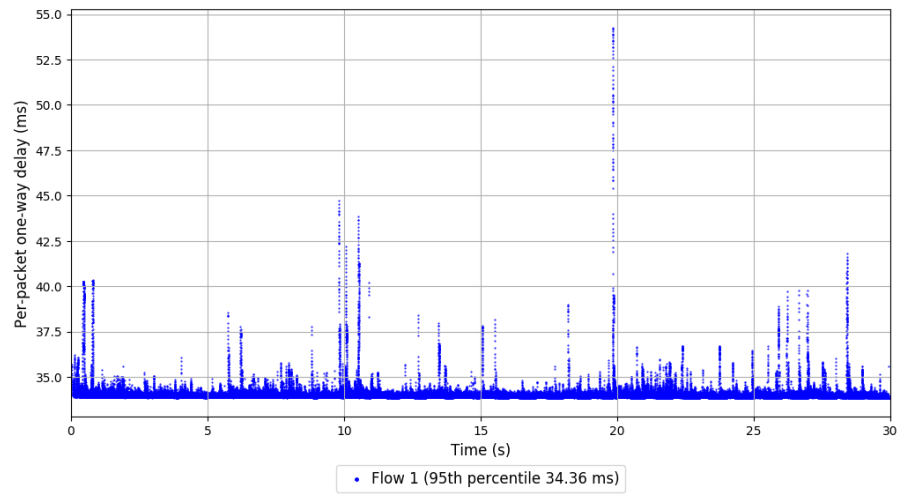
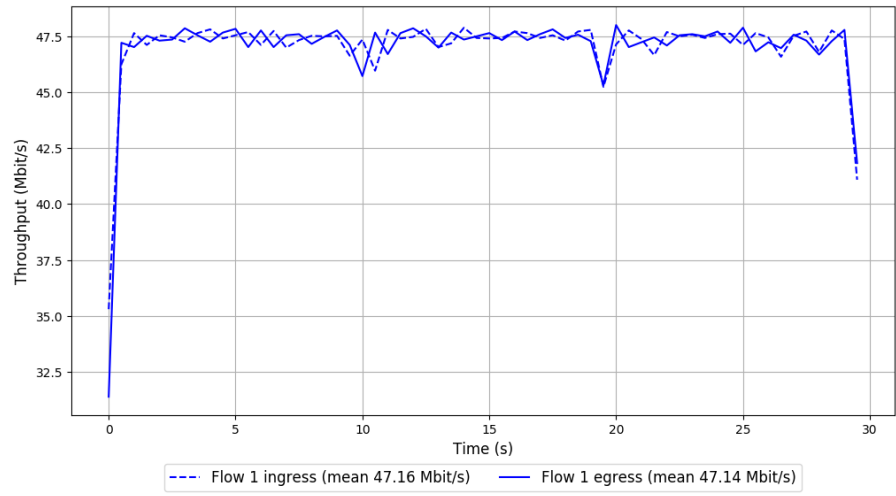
-- Flow 1:

Average throughput: 47.14 Mbit/s

95th percentile per-packet one-way delay: 34.358 ms

Loss rate: 0.11%

Run 9: Report of KohoCC — Data Link



Run 10: Statistics of KohoCC

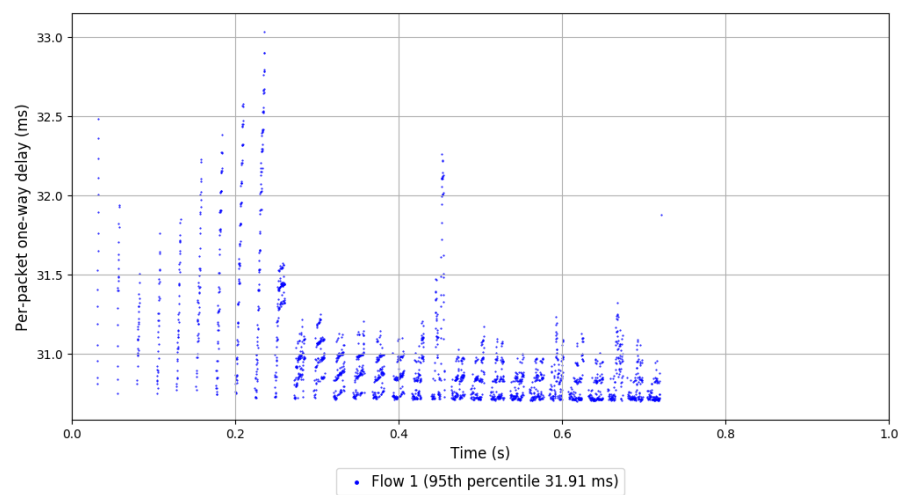
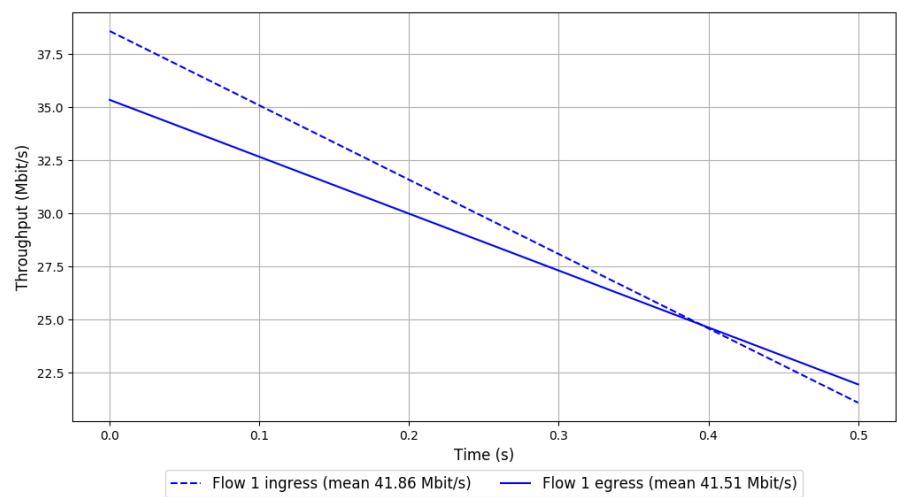
Start at: Tue, 25 Jul 2017 01:47:53 +0000

End at: Tue, 25 Jul 2017 01:48:23 +0000

Local clock offset: 1.613 ms

Remote clock offset: -22.658 ms

Run 10: Report of KohoCC — Data Link



Run 1: Statistics of LEDBAT

Start at: Mon, 24 Jul 2017 23:12:21 +0000

End at: Mon, 24 Jul 2017 23:12:51 +0000

Local clock offset: 5.231 ms

Remote clock offset: -20.542 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:43:19 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.15 Mbit/s

95th percentile per-packet one-way delay: 47.344 ms

Loss rate: 0.12%

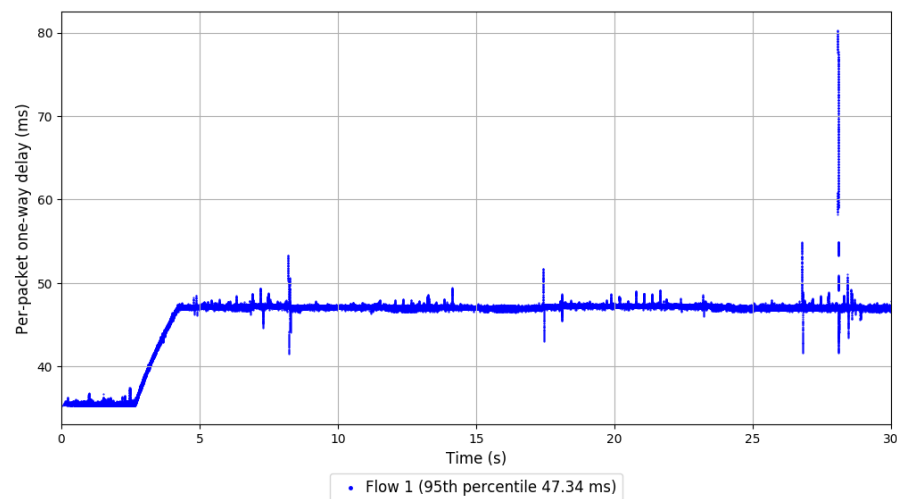
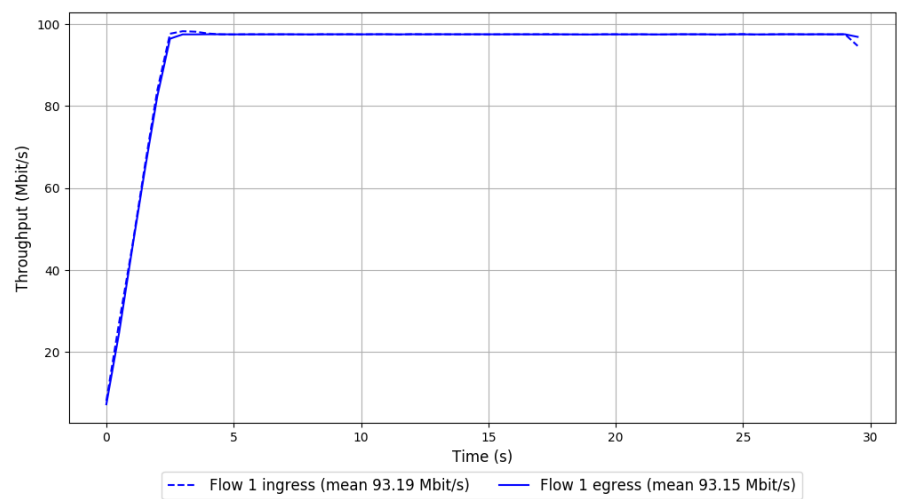
-- Flow 1:

Average throughput: 93.15 Mbit/s

95th percentile per-packet one-way delay: 47.344 ms

Loss rate: 0.12%

Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: Mon, 24 Jul 2017 23:30:15 +0000

End at: Mon, 24 Jul 2017 23:30:45 +0000

Local clock offset: 2.877 ms

Remote clock offset: -21.583 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:43:20 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.12 Mbit/s

95th percentile per-packet one-way delay: 45.753 ms

Loss rate: 0.13%

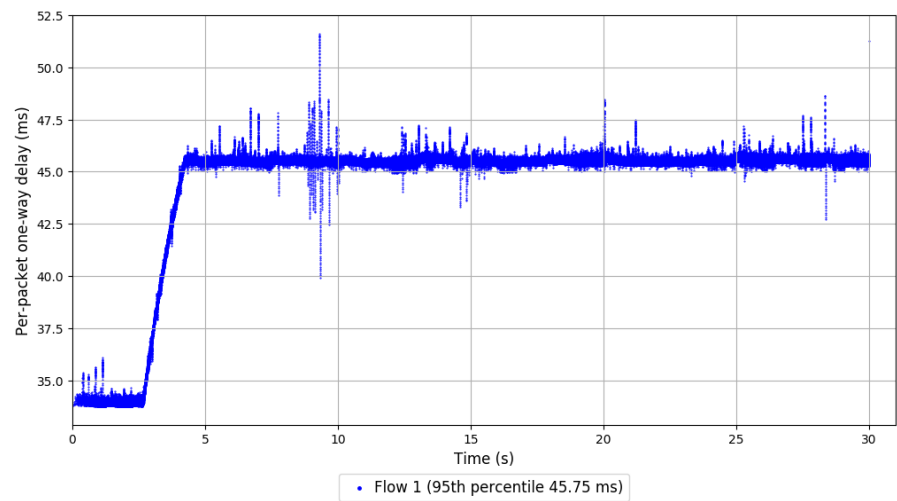
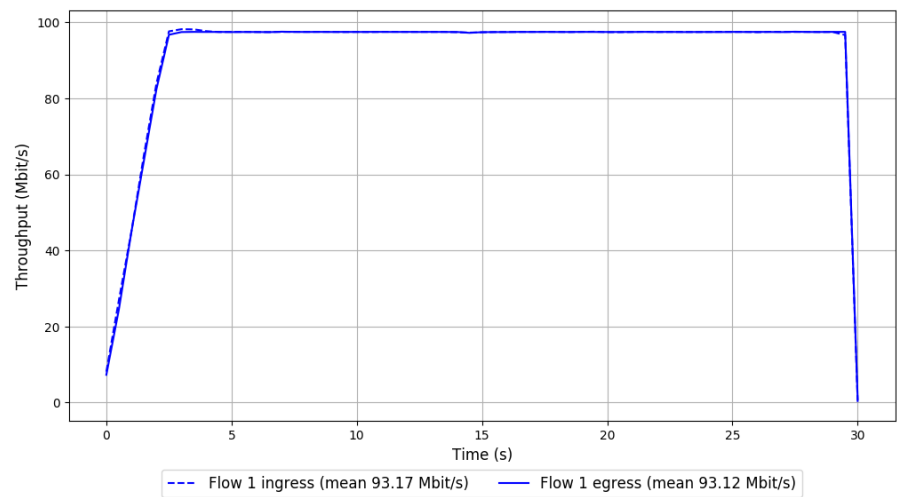
-- Flow 1:

Average throughput: 93.12 Mbit/s

95th percentile per-packet one-way delay: 45.753 ms

Loss rate: 0.13%

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: Mon, 24 Jul 2017 23:48:03 +0000

End at: Mon, 24 Jul 2017 23:48:33 +0000

Local clock offset: 2.73 ms

Remote clock offset: -21.975 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:43:31 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.10 Mbit/s

95th percentile per-packet one-way delay: 45.839 ms

Loss rate: 0.13%

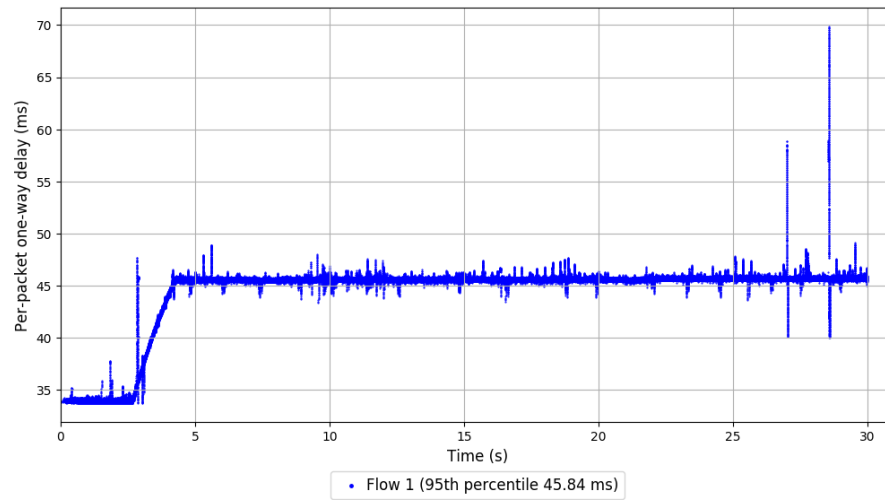
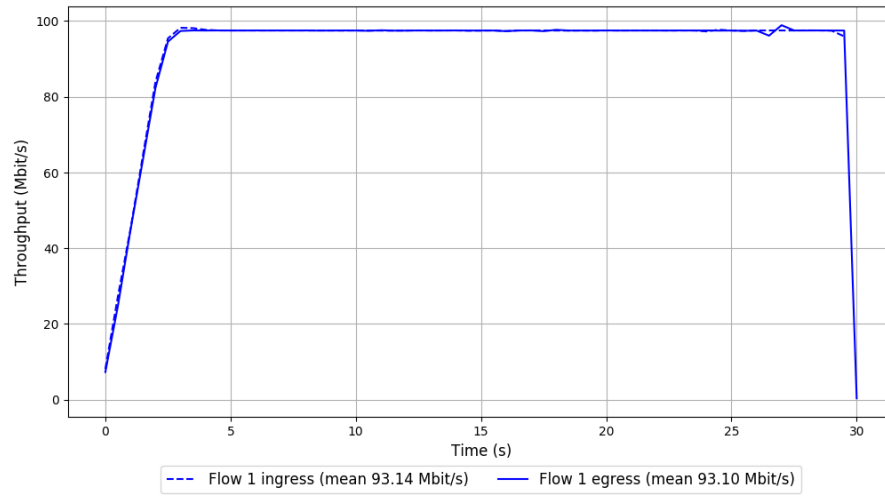
-- Flow 1:

Average throughput: 93.10 Mbit/s

95th percentile per-packet one-way delay: 45.839 ms

Loss rate: 0.13%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: Tue, 25 Jul 2017 00:06:03 +0000

End at: Tue, 25 Jul 2017 00:06:33 +0000

Local clock offset: -0.905 ms

Remote clock offset: -17.144 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:43:32 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.12 Mbit/s

95th percentile per-packet one-way delay: 38.640 ms

Loss rate: 0.13%

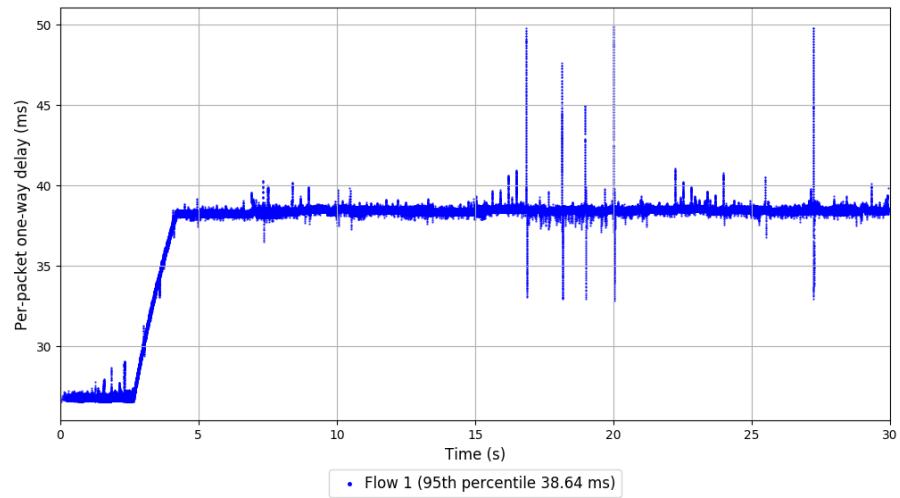
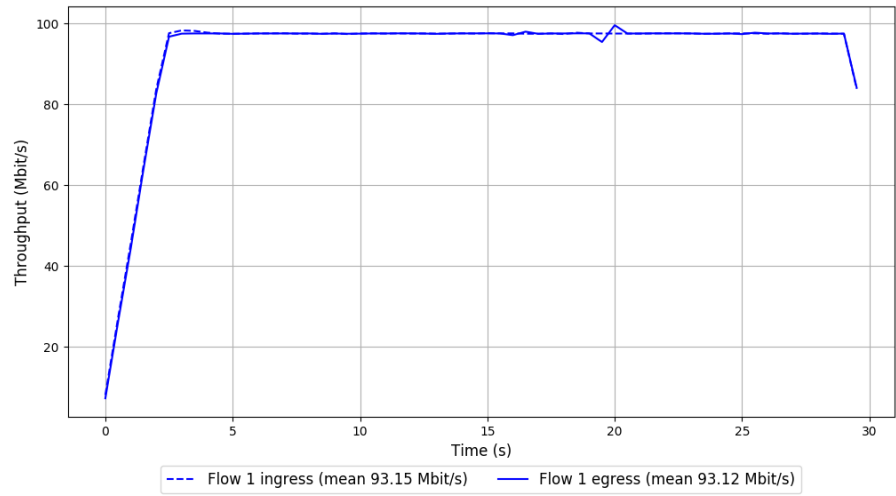
-- Flow 1:

Average throughput: 93.12 Mbit/s

95th percentile per-packet one-way delay: 38.640 ms

Loss rate: 0.13%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: Tue, 25 Jul 2017 00:23:49 +0000

End at: Tue, 25 Jul 2017 00:24:19 +0000

Local clock offset: 1.594 ms

Remote clock offset: -18.33 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:43:44 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.10 Mbit/s

95th percentile per-packet one-way delay: 42.228 ms

Loss rate: 0.13%

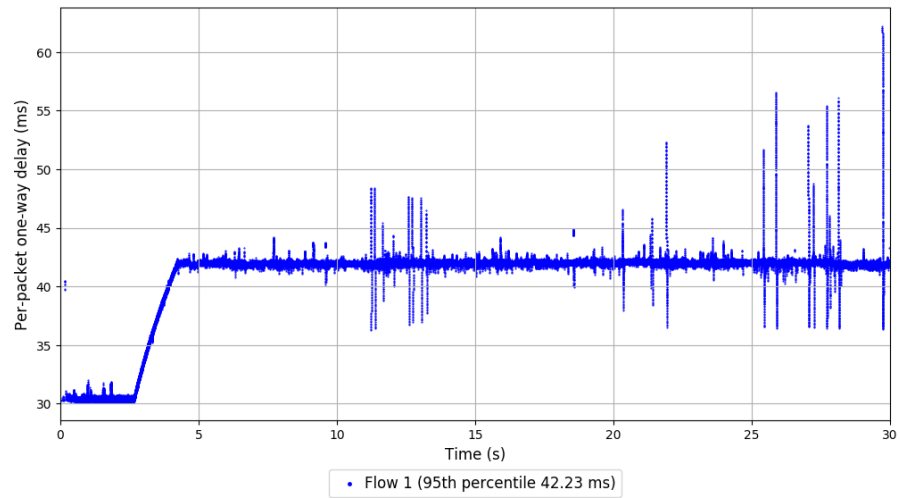
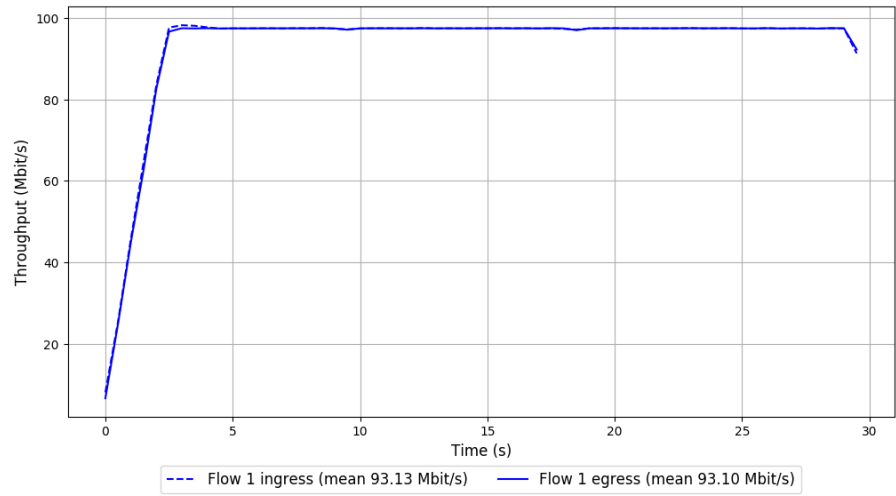
-- Flow 1:

Average throughput: 93.10 Mbit/s

95th percentile per-packet one-way delay: 42.228 ms

Loss rate: 0.13%

Run 5: Report of LEDBAT — Data Link



Run 6: Statistics of LEDBAT

Start at: Tue, 25 Jul 2017 00:41:43 +0000

End at: Tue, 25 Jul 2017 00:42:13 +0000

Local clock offset: 1.426 ms

Remote clock offset: -21.002 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:43:45 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.12 Mbit/s

95th percentile per-packet one-way delay: 44.089 ms

Loss rate: 0.13%

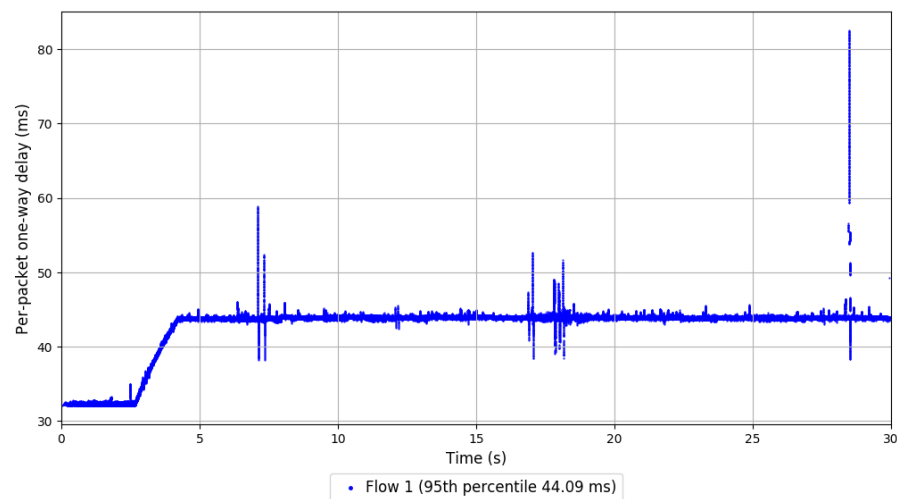
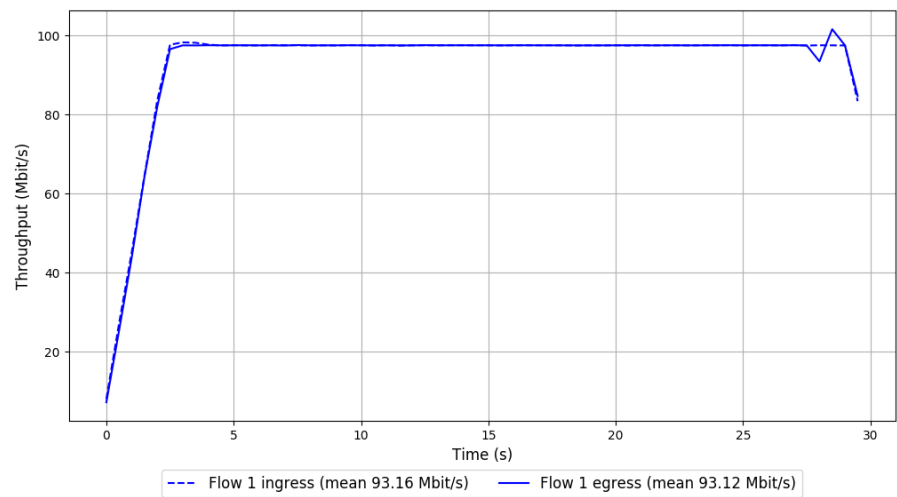
-- Flow 1:

Average throughput: 93.12 Mbit/s

95th percentile per-packet one-way delay: 44.089 ms

Loss rate: 0.13%

Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

Start at: Tue, 25 Jul 2017 00:59:40 +0000

End at: Tue, 25 Jul 2017 01:00:10 +0000

Local clock offset: -0.779 ms

Remote clock offset: -22.086 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:43:57 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.12 Mbit/s

95th percentile per-packet one-way delay: 42.299 ms

Loss rate: 0.13%

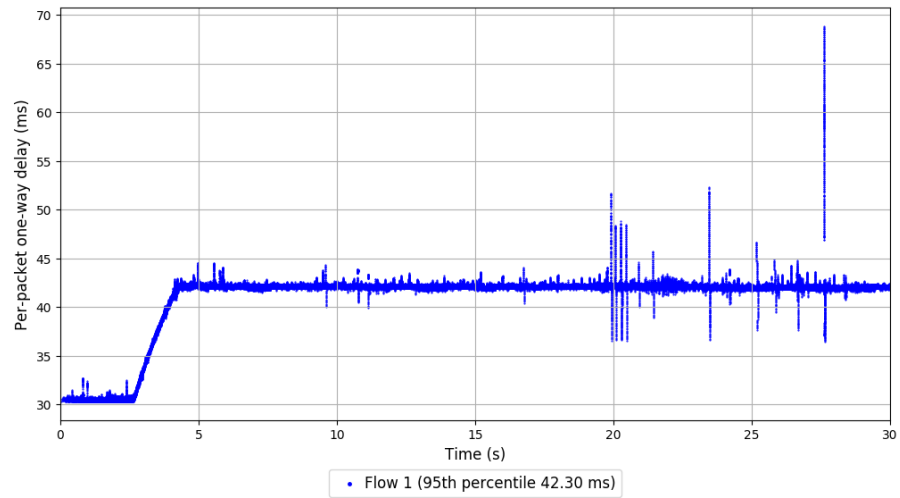
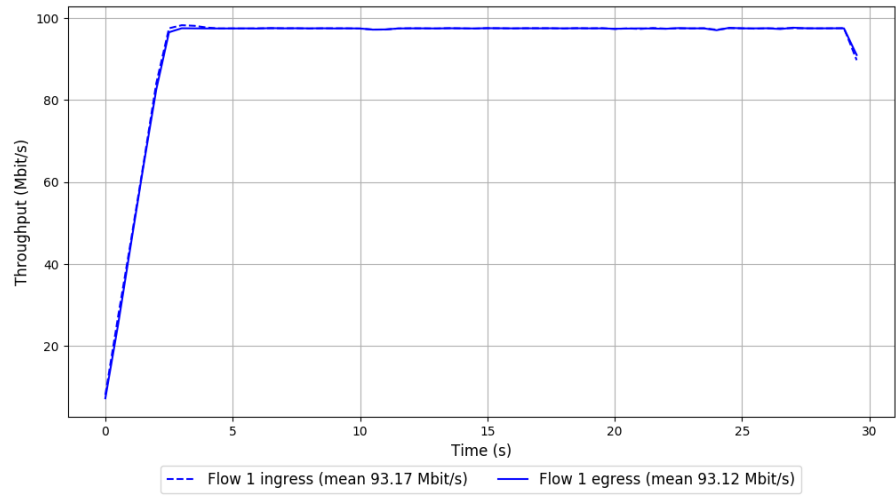
-- Flow 1:

Average throughput: 93.12 Mbit/s

95th percentile per-packet one-way delay: 42.299 ms

Loss rate: 0.13%

Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: Tue, 25 Jul 2017 01:17:49 +0000

End at: Tue, 25 Jul 2017 01:18:19 +0000

Local clock offset: 5.129 ms

Remote clock offset: -22.58 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:43:57 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.09 Mbit/s

95th percentile per-packet one-way delay: 47.896 ms

Loss rate: 0.13%

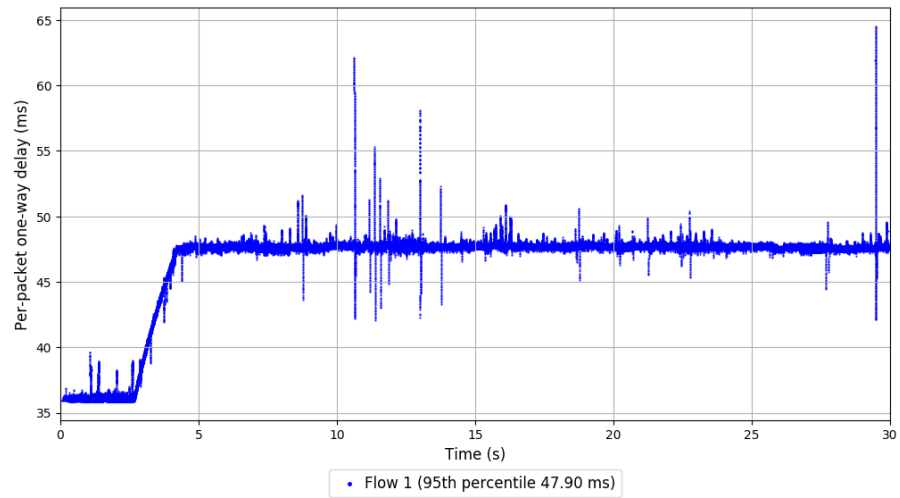
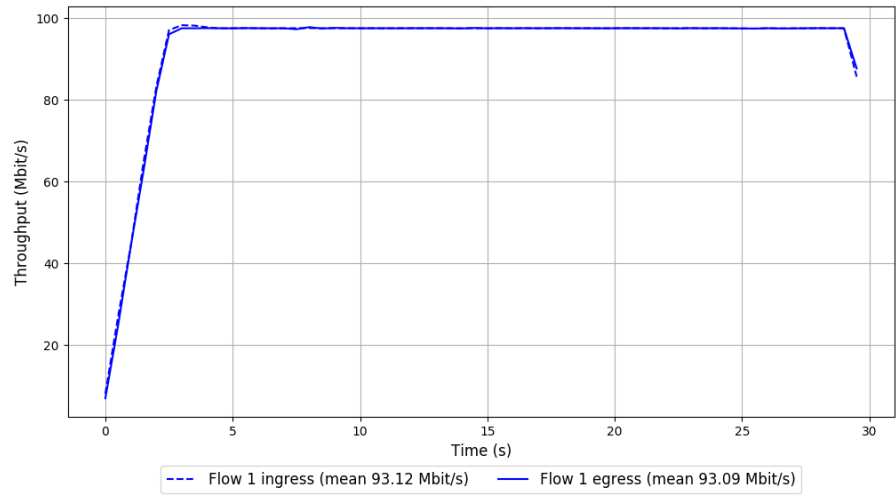
-- Flow 1:

Average throughput: 93.09 Mbit/s

95th percentile per-packet one-way delay: 47.896 ms

Loss rate: 0.13%

Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

Start at: Tue, 25 Jul 2017 01:35:57 +0000

End at: Tue, 25 Jul 2017 01:36:27 +0000

Local clock offset: 2.893 ms

Remote clock offset: -22.409 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:44:09 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.51 Mbit/s

95th percentile per-packet one-way delay: 43.871 ms

Loss rate: 0.12%

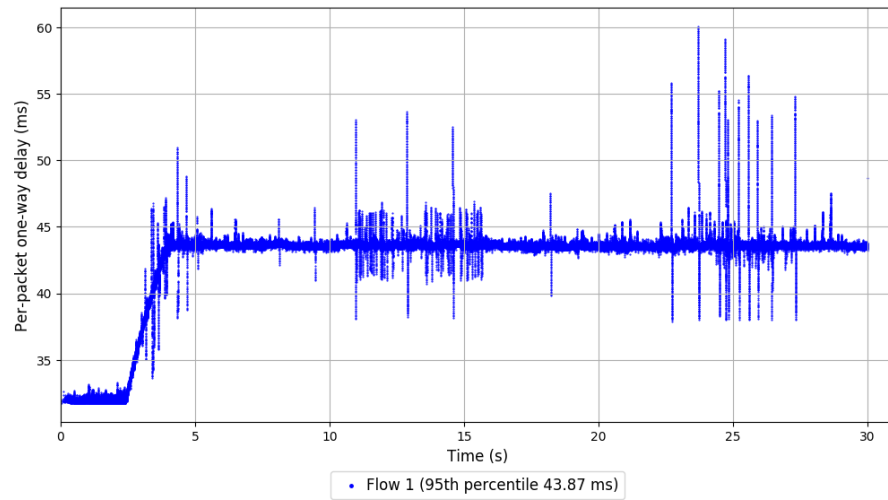
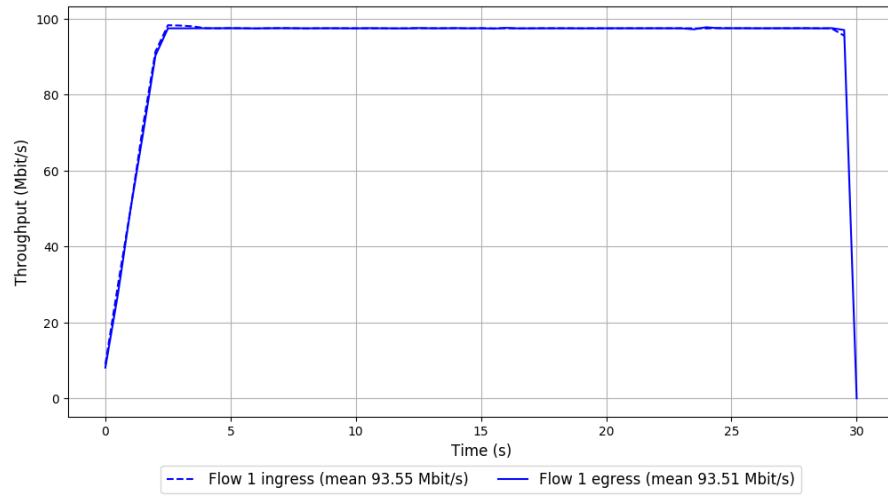
-- Flow 1:

Average throughput: 93.51 Mbit/s

95th percentile per-packet one-way delay: 43.871 ms

Loss rate: 0.12%

Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: Tue, 25 Jul 2017 01:53:36 +0000

End at: Tue, 25 Jul 2017 01:54:06 +0000

Local clock offset: -1.28 ms

Remote clock offset: -22.297 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:44:10 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.50 Mbit/s

95th percentile per-packet one-way delay: 39.959 ms

Loss rate: 0.12%

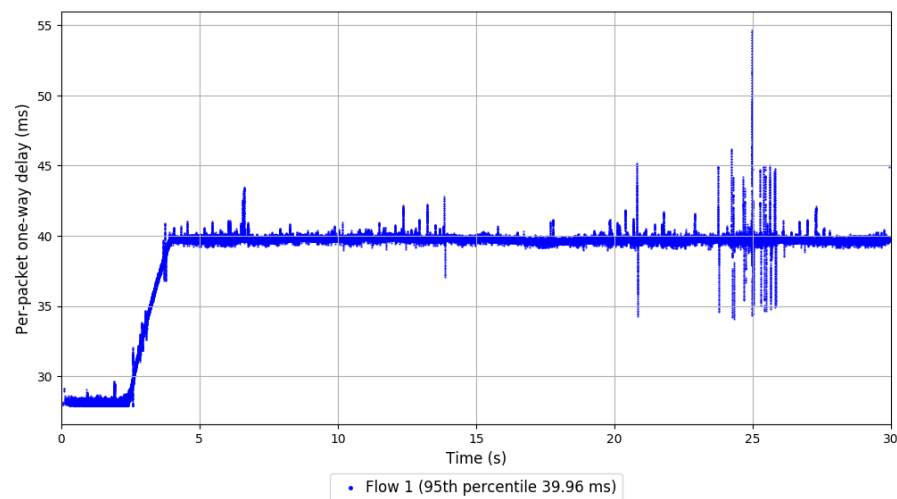
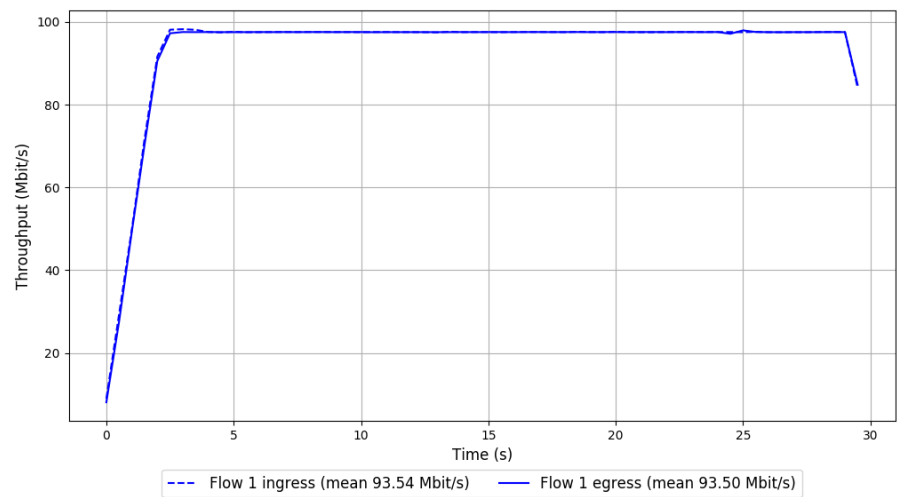
-- Flow 1:

Average throughput: 93.50 Mbit/s

95th percentile per-packet one-way delay: 39.959 ms

Loss rate: 0.12%

Run 10: Report of LEDBAT — Data Link



Run 1: Statistics of PCC

Start at: Mon, 24 Jul 2017 23:14:43 +0000

End at: Mon, 24 Jul 2017 23:15:13 +0000

Local clock offset: -0.782 ms

Remote clock offset: -22.089 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:44:22 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.77 Mbit/s

95th percentile per-packet one-way delay: 33.365 ms

Loss rate: 0.09%

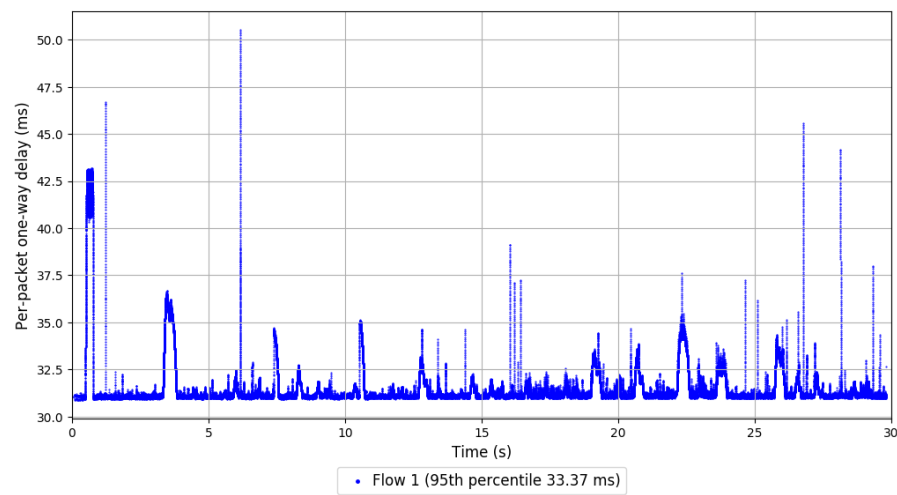
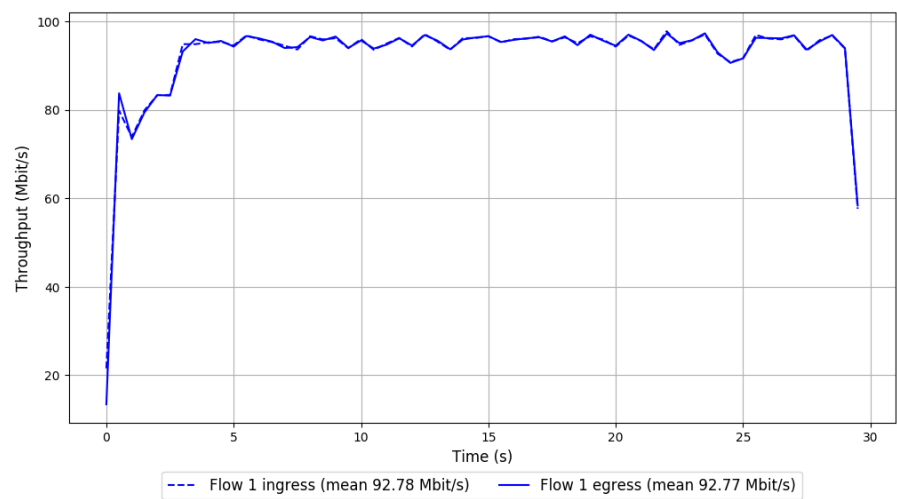
-- Flow 1:

Average throughput: 92.77 Mbit/s

95th percentile per-packet one-way delay: 33.365 ms

Loss rate: 0.09%

Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

Start at: Mon, 24 Jul 2017 23:32:34 +0000

End at: Mon, 24 Jul 2017 23:33:04 +0000

Local clock offset: 1.272 ms

Remote clock offset: -20.609 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:44:23 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.58 Mbit/s

95th percentile per-packet one-way delay: 33.950 ms

Loss rate: 0.09%

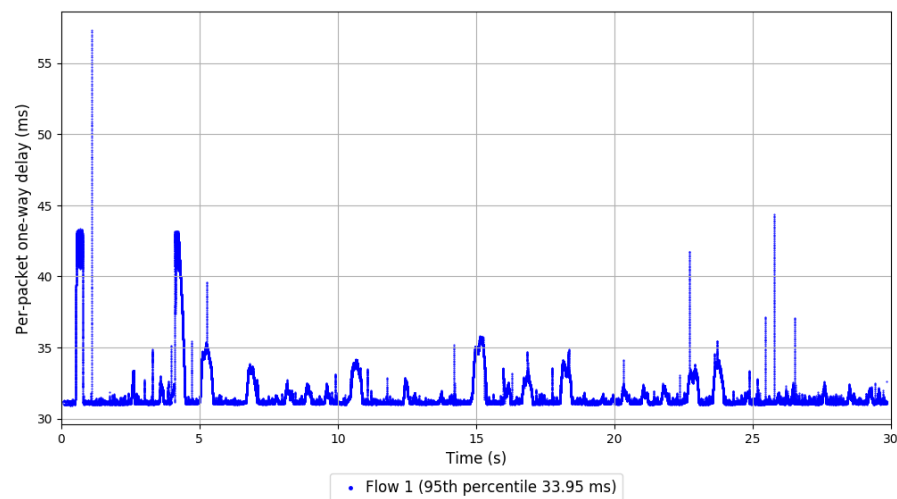
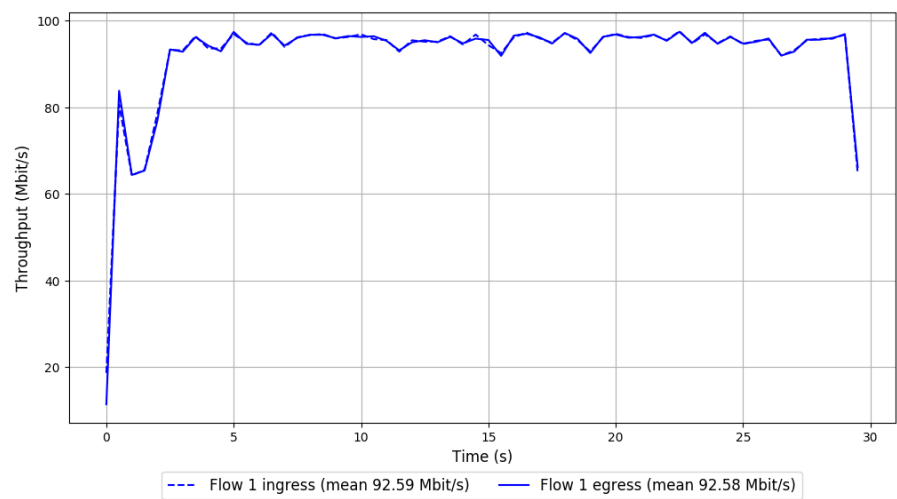
-- Flow 1:

Average throughput: 92.58 Mbit/s

95th percentile per-packet one-way delay: 33.950 ms

Loss rate: 0.09%

Run 2: Report of PCC — Data Link



Run 3: Statistics of PCC

Start at: Mon, 24 Jul 2017 23:50:23 +0000

End at: Mon, 24 Jul 2017 23:50:53 +0000

Local clock offset: 4.396 ms

Remote clock offset: -21.563 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:44:34 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.46 Mbit/s

95th percentile per-packet one-way delay: 38.242 ms

Loss rate: 0.10%

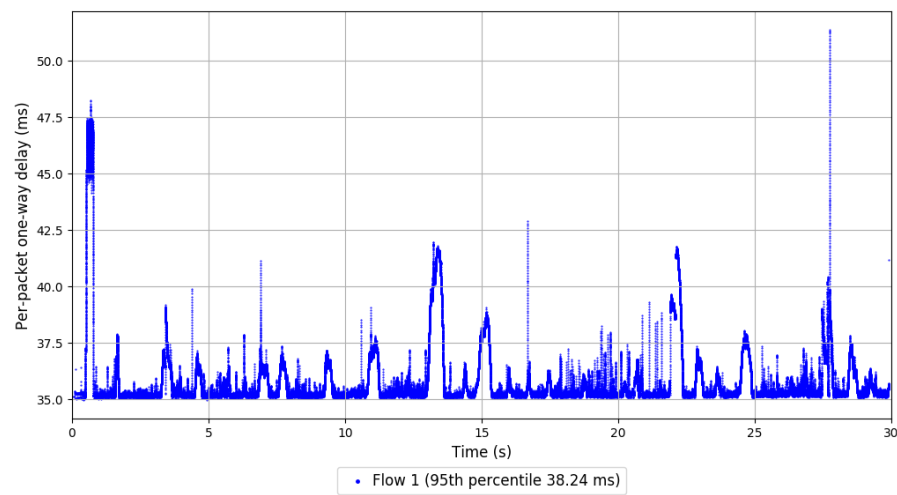
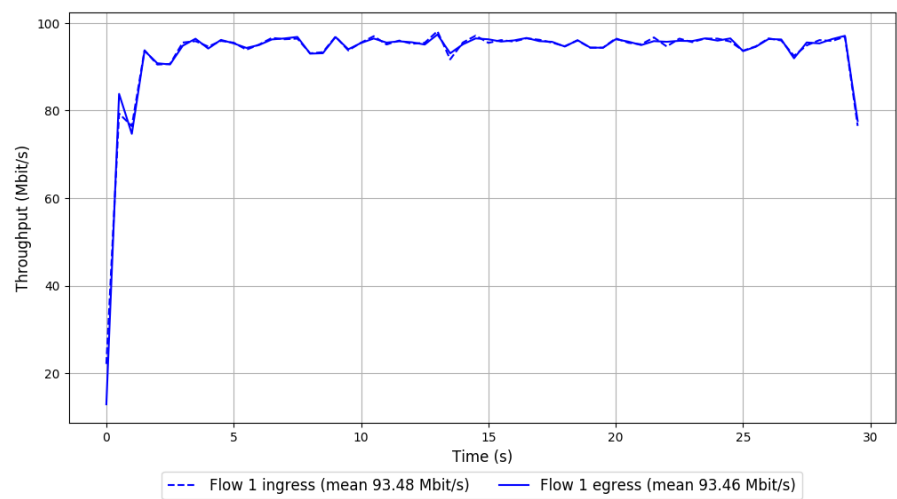
-- Flow 1:

Average throughput: 93.46 Mbit/s

95th percentile per-packet one-way delay: 38.242 ms

Loss rate: 0.10%

Run 3: Report of PCC — Data Link



Run 4: Statistics of PCC

Start at: Tue, 25 Jul 2017 00:08:22 +0000

End at: Tue, 25 Jul 2017 00:08:52 +0000

Local clock offset: 1.553 ms

Remote clock offset: -19.679 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:44:35 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.28 Mbit/s

95th percentile per-packet one-way delay: 33.828 ms

Loss rate: 0.10%

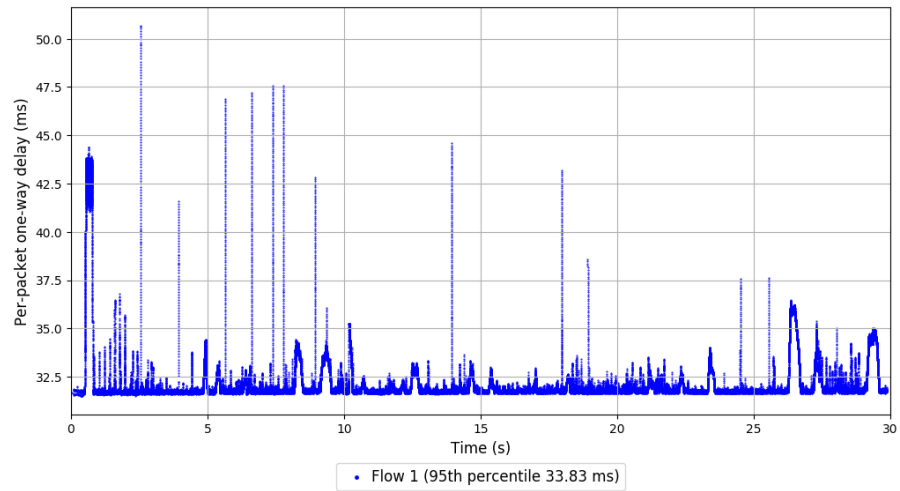
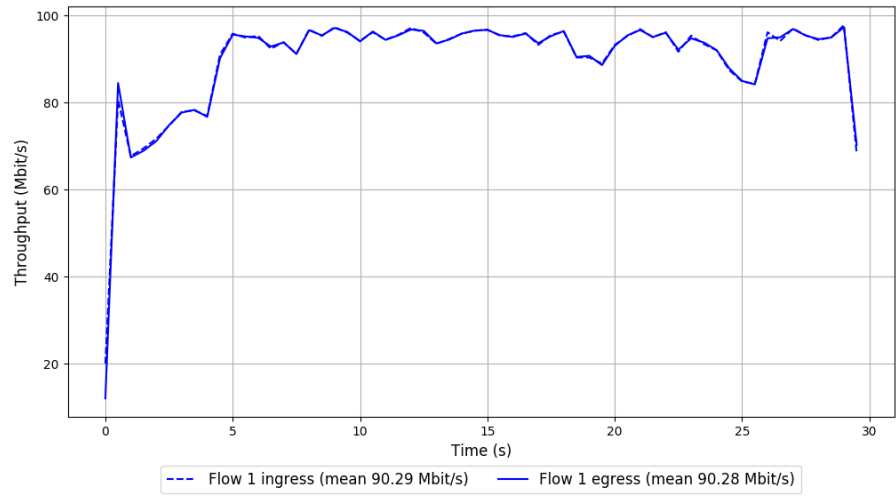
-- Flow 1:

Average throughput: 90.28 Mbit/s

95th percentile per-packet one-way delay: 33.828 ms

Loss rate: 0.10%

Run 4: Report of PCC — Data Link



Run 5: Statistics of PCC

Start at: Tue, 25 Jul 2017 00:26:10 +0000

End at: Tue, 25 Jul 2017 00:26:40 +0000

Local clock offset: 3.192 ms

Remote clock offset: -21.041 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:44:46 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.52 Mbit/s

95th percentile per-packet one-way delay: 37.340 ms

Loss rate: 0.09%

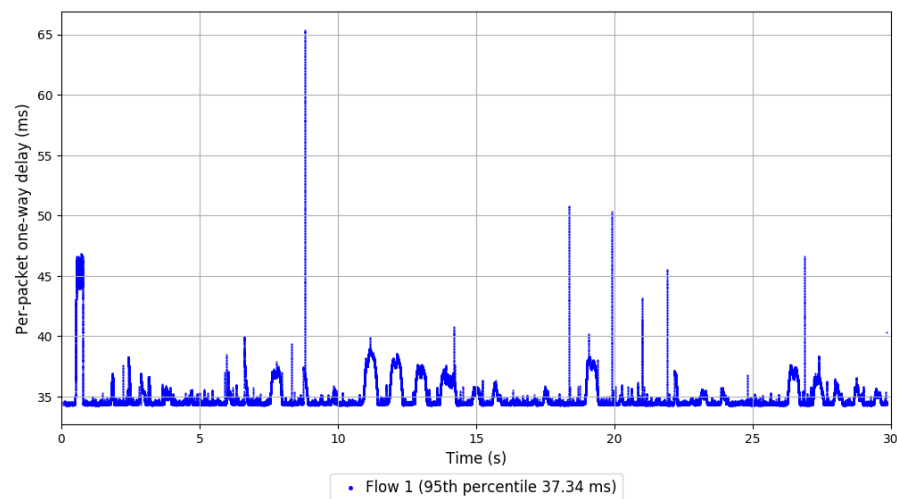
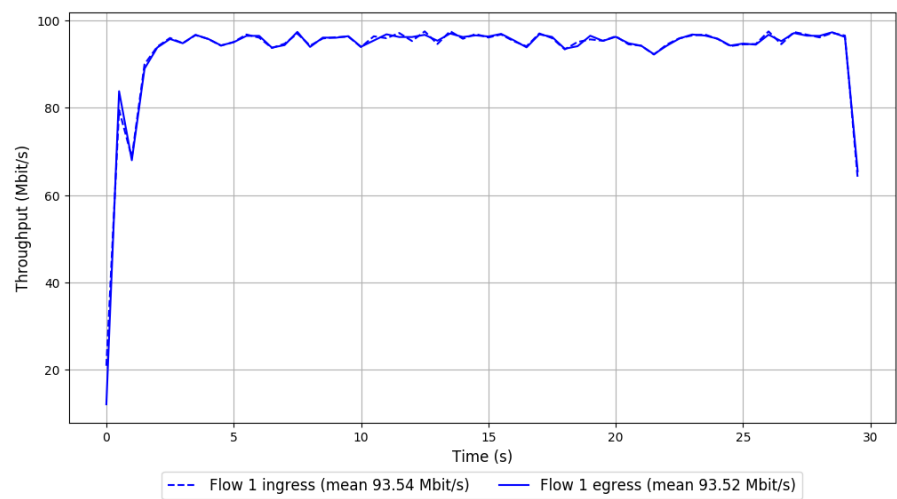
-- Flow 1:

Average throughput: 93.52 Mbit/s

95th percentile per-packet one-way delay: 37.340 ms

Loss rate: 0.09%

Run 5: Report of PCC — Data Link



Run 6: Statistics of PCC

Start at: Tue, 25 Jul 2017 00:44:04 +0000

End at: Tue, 25 Jul 2017 00:44:34 +0000

Local clock offset: -0.55 ms

Remote clock offset: -20.202 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:44:48 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.83 Mbit/s

95th percentile per-packet one-way delay: 31.228 ms

Loss rate: 0.09%

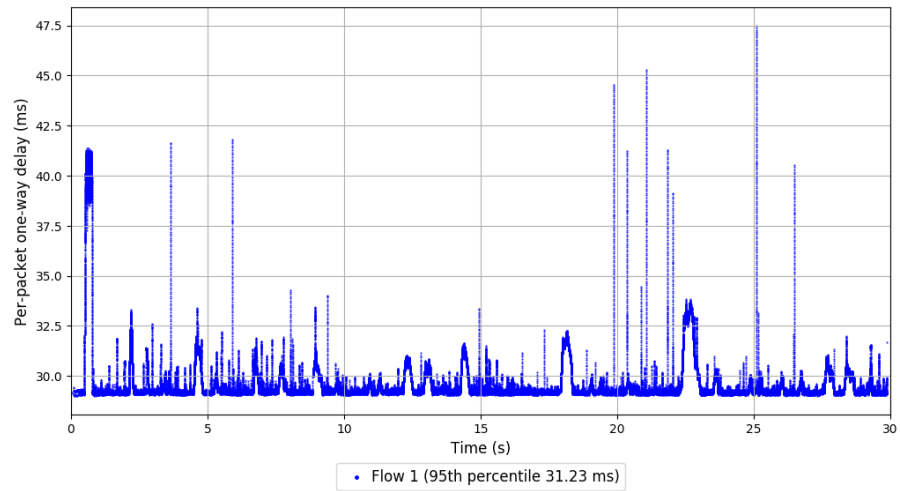
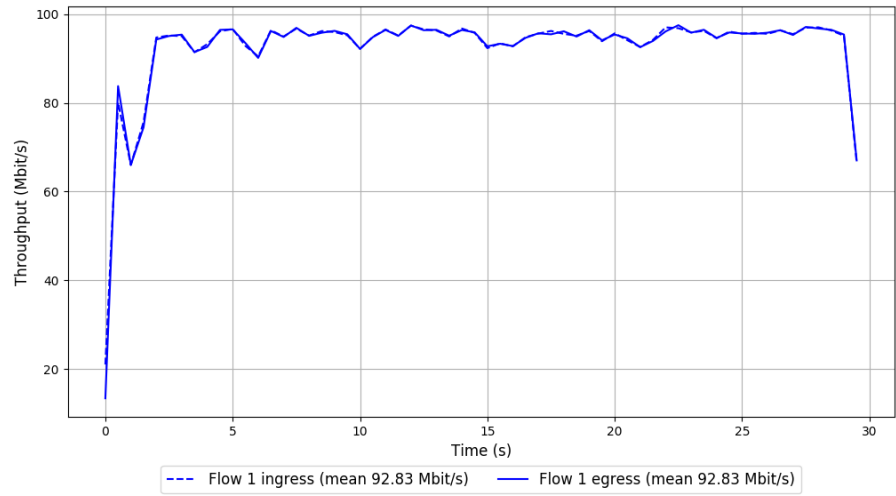
-- Flow 1:

Average throughput: 92.83 Mbit/s

95th percentile per-packet one-way delay: 31.228 ms

Loss rate: 0.09%

Run 6: Report of PCC — Data Link



Run 7: Statistics of PCC

Start at: Tue, 25 Jul 2017 01:02:01 +0000

End at: Tue, 25 Jul 2017 01:02:31 +0000

Local clock offset: 4.105 ms

Remote clock offset: -20.89 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:44:59 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.90 Mbit/s

95th percentile per-packet one-way delay: 36.526 ms

Loss rate: 0.08%

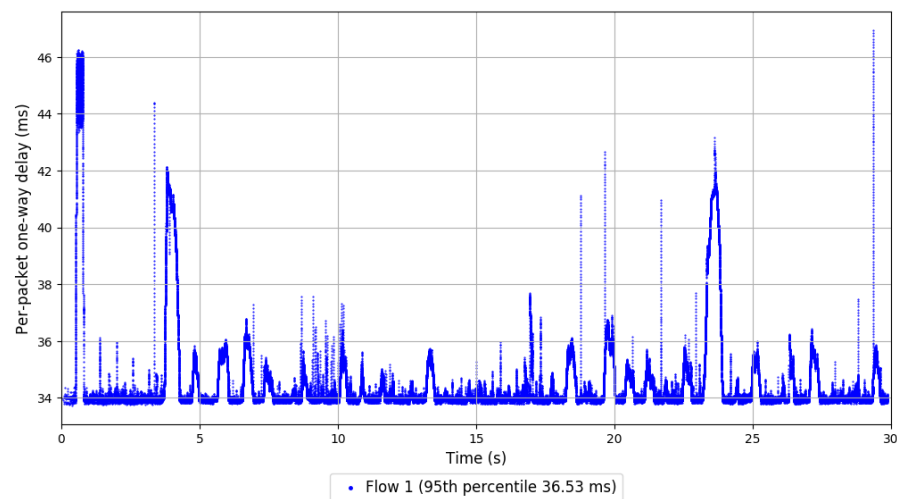
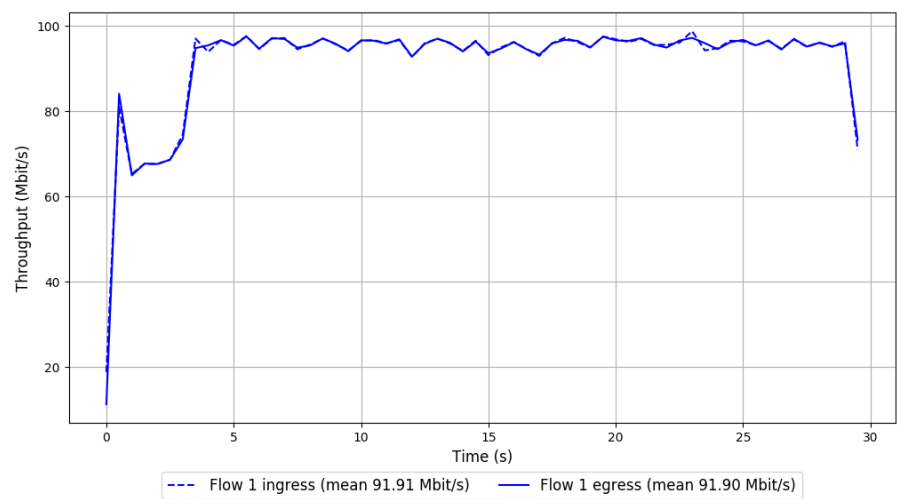
-- Flow 1:

Average throughput: 91.90 Mbit/s

95th percentile per-packet one-way delay: 36.526 ms

Loss rate: 0.08%

Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

Start at: Tue, 25 Jul 2017 01:20:08 +0000

End at: Tue, 25 Jul 2017 01:20:38 +0000

Local clock offset: 5.564 ms

Remote clock offset: -22.488 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:45:00 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.55 Mbit/s

95th percentile per-packet one-way delay: 45.991 ms

Loss rate: 0.09%

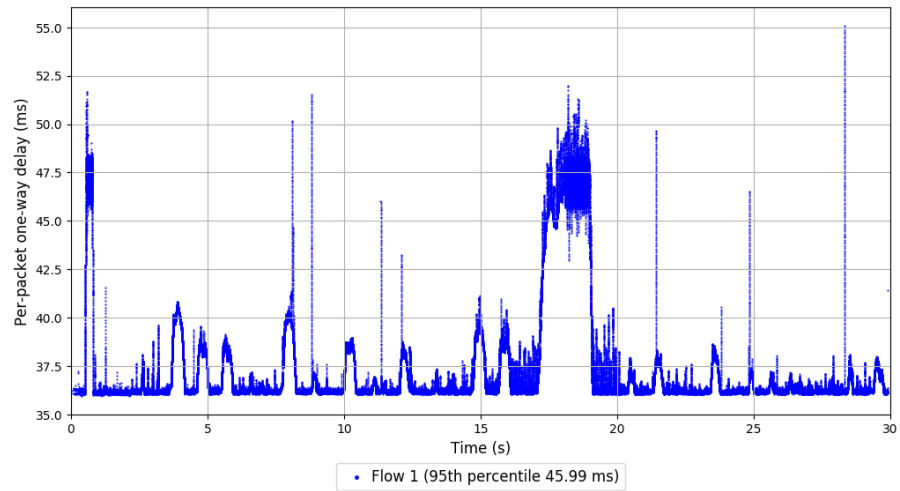
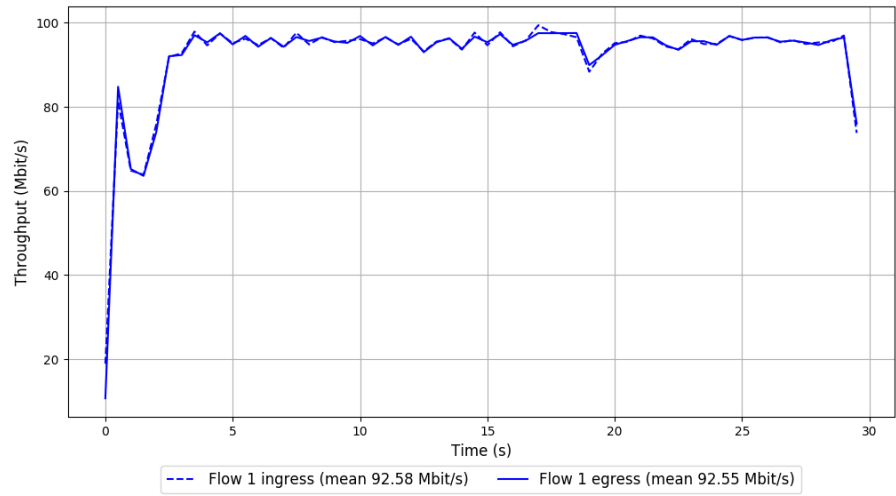
-- Flow 1:

Average throughput: 92.55 Mbit/s

95th percentile per-packet one-way delay: 45.991 ms

Loss rate: 0.09%

Run 8: Report of PCC — Data Link



Run 9: Statistics of PCC

Start at: Tue, 25 Jul 2017 01:38:19 +0000

End at: Tue, 25 Jul 2017 01:38:49 +0000

Local clock offset: -1.35 ms

Remote clock offset: -22.27 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:45:13 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.11 Mbit/s

95th percentile per-packet one-way delay: 29.135 ms

Loss rate: 0.09%

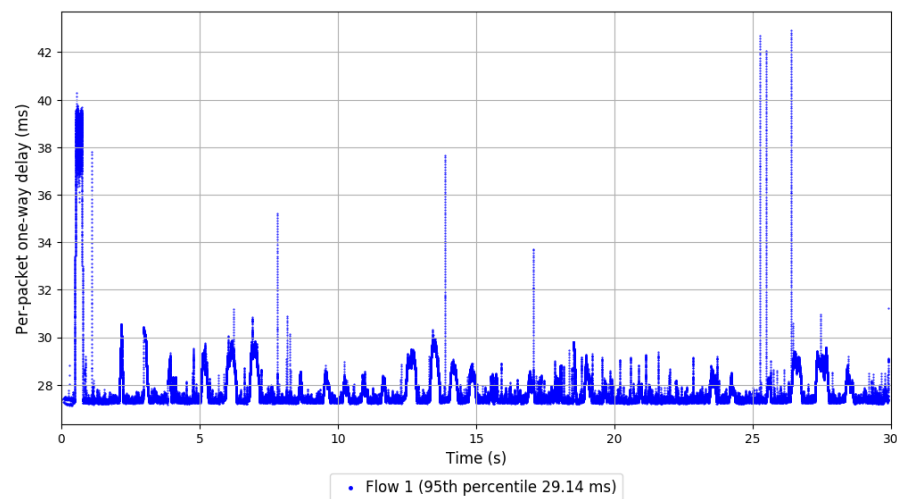
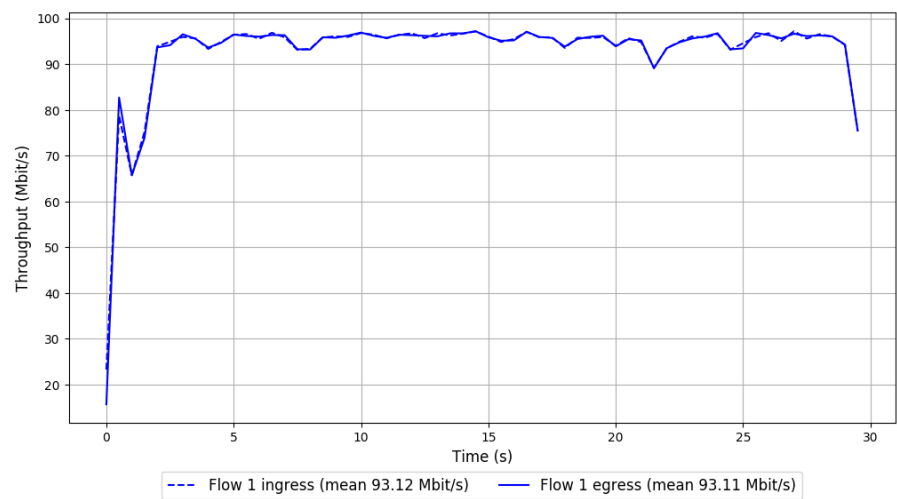
-- Flow 1:

Average throughput: 93.11 Mbit/s

95th percentile per-packet one-way delay: 29.135 ms

Loss rate: 0.09%

Run 9: Report of PCC — Data Link



Run 10: Statistics of PCC

Start at: Tue, 25 Jul 2017 01:55:56 +0000

End at: Tue, 25 Jul 2017 01:56:26 +0000

Local clock offset: -0.614 ms

Remote clock offset: -23.277 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:45:13 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.47 Mbit/s

95th percentile per-packet one-way delay: 32.328 ms

Loss rate: 0.10%

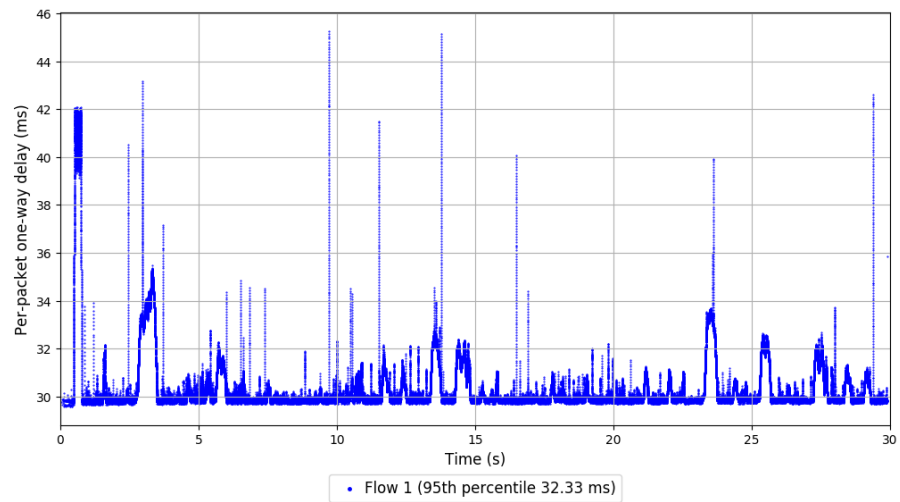
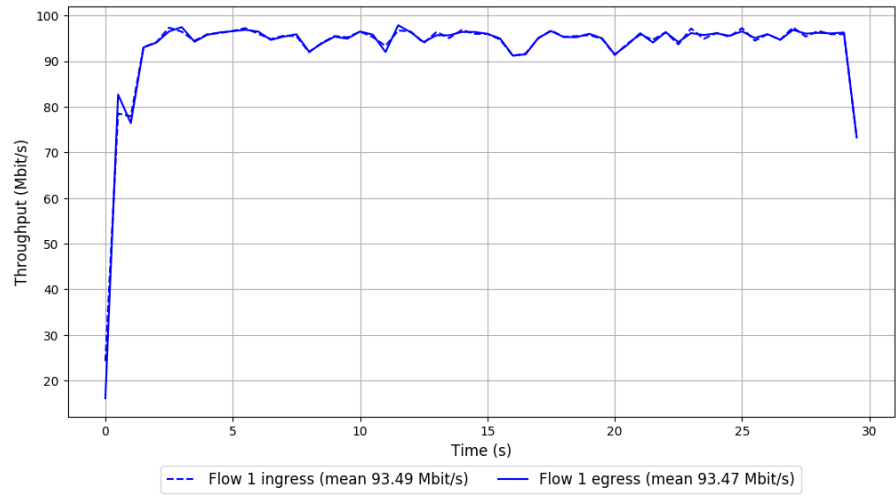
-- Flow 1:

Average throughput: 93.47 Mbit/s

95th percentile per-packet one-way delay: 32.328 ms

Loss rate: 0.10%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

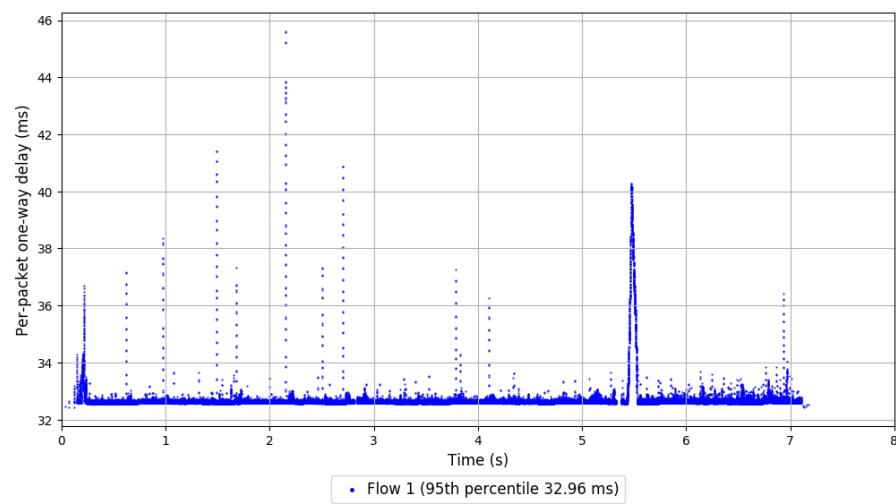
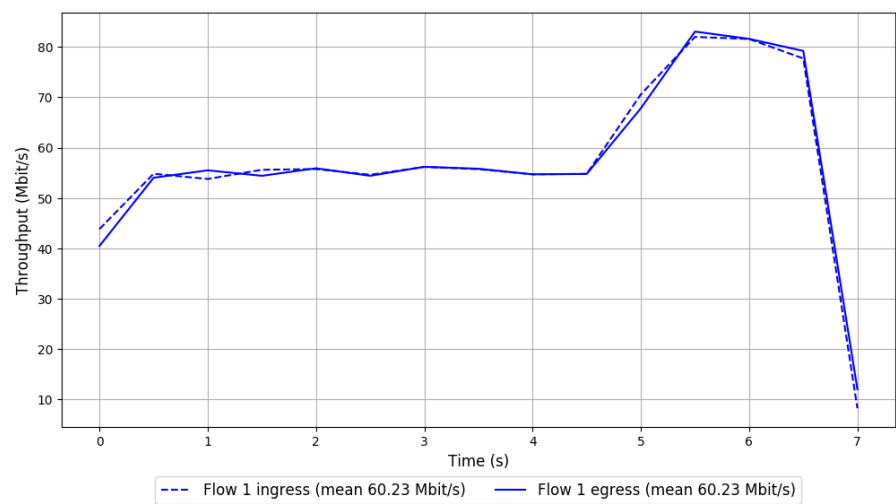
Start at: Mon, 24 Jul 2017 23:15:54 +0000

End at: Mon, 24 Jul 2017 23:16:24 +0000

Local clock offset: 1.137 ms

Remote clock offset: -21.628 ms

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

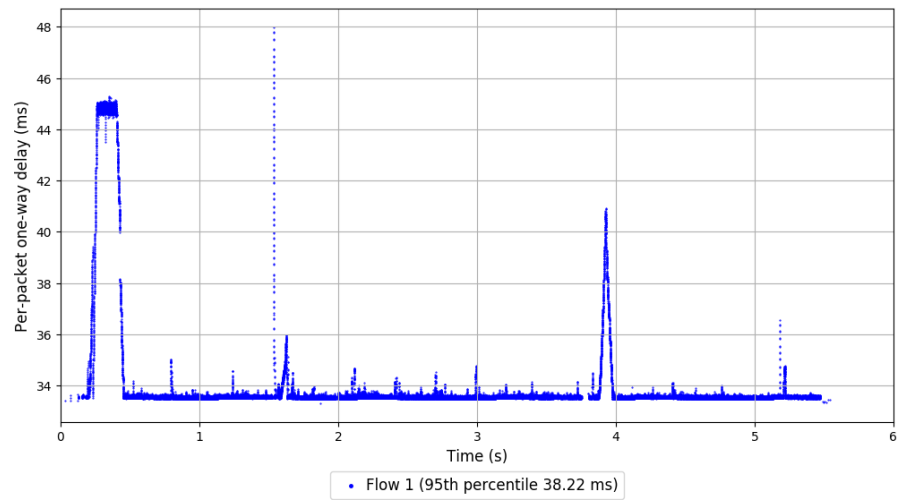
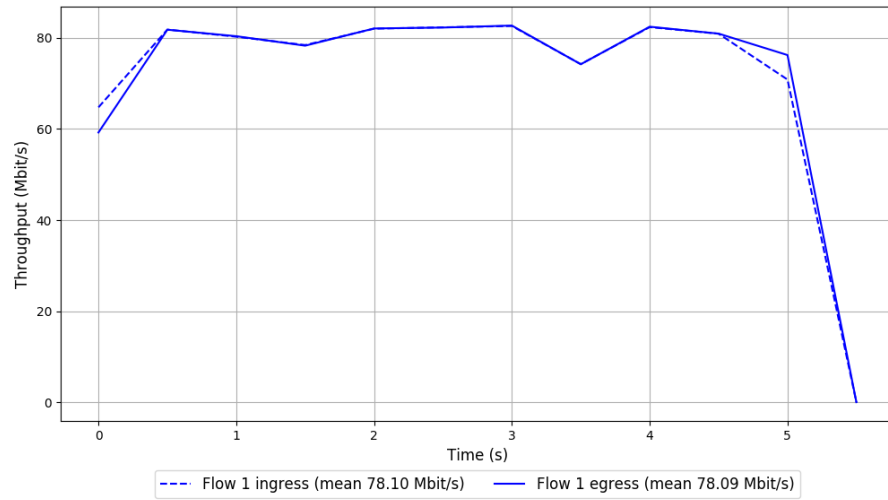
Start at: Mon, 24 Jul 2017 23:33:44 +0000

End at: Mon, 24 Jul 2017 23:34:14 +0000

Local clock offset: 2.245 ms

Remote clock offset: -22.058 ms

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

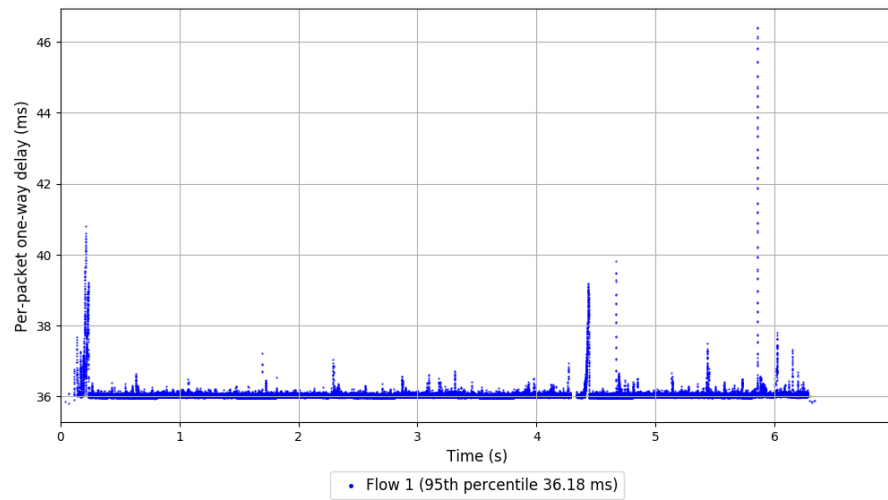
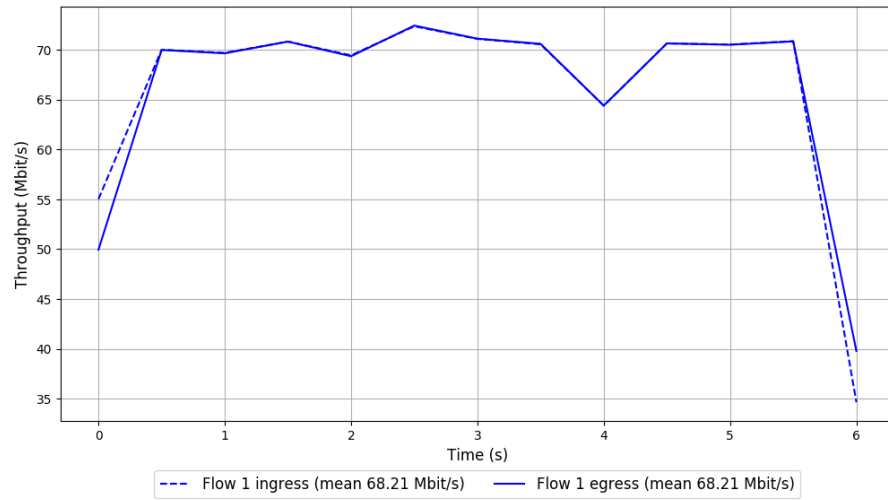
Start at: Mon, 24 Jul 2017 23:51:34 +0000

End at: Mon, 24 Jul 2017 23:52:04 +0000

Local clock offset: 4.614 ms

Remote clock offset: -22.04 ms

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

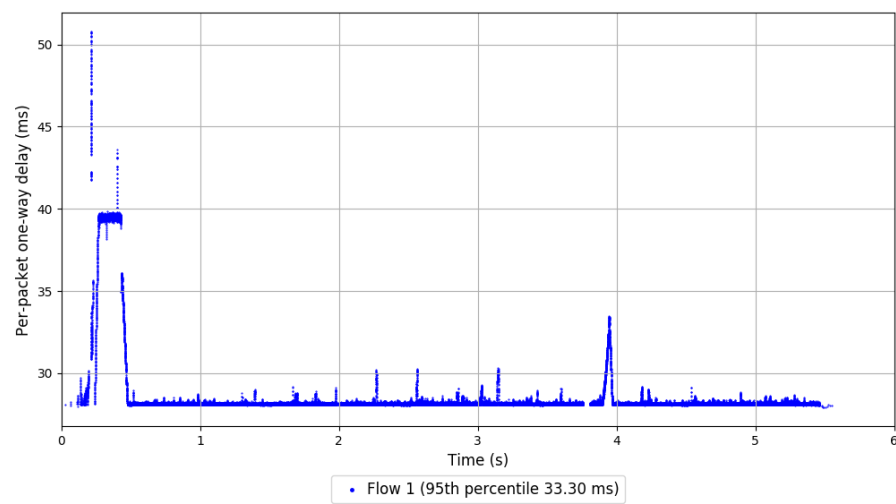
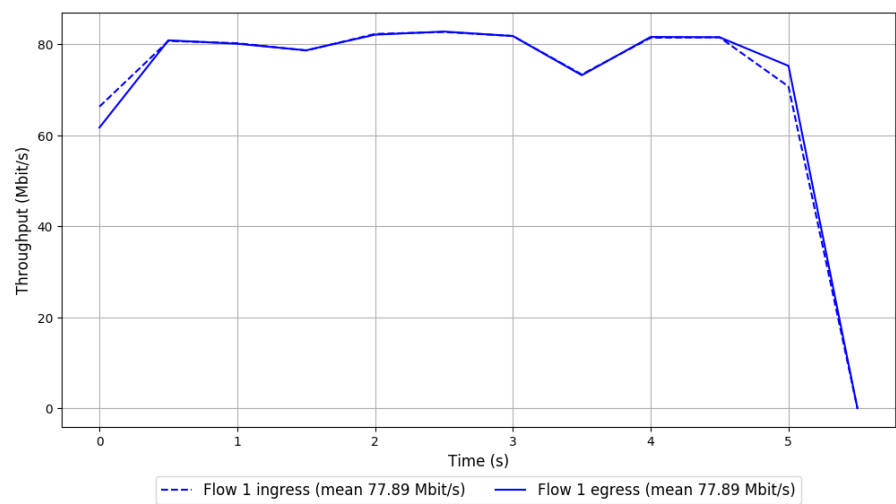
Start at: Tue, 25 Jul 2017 00:09:31 +0000

End at: Tue, 25 Jul 2017 00:10:01 +0000

Local clock offset: -1.028 ms

Remote clock offset: -18.571 ms

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

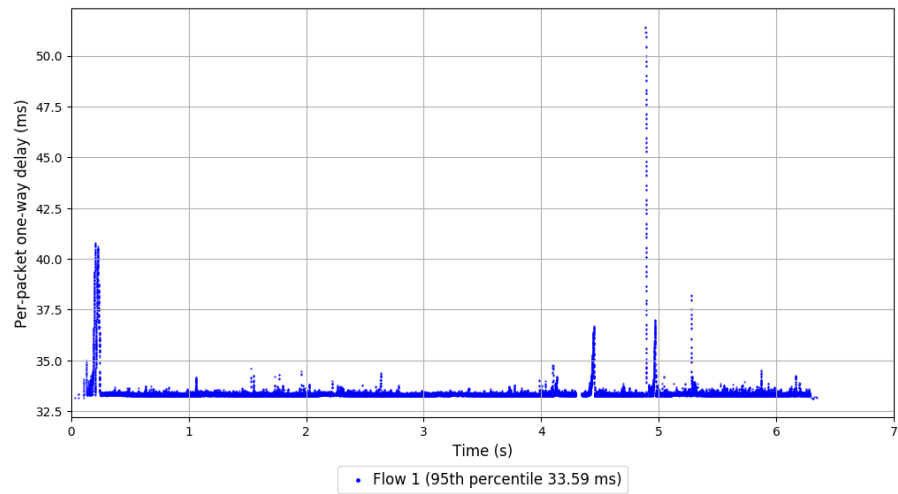
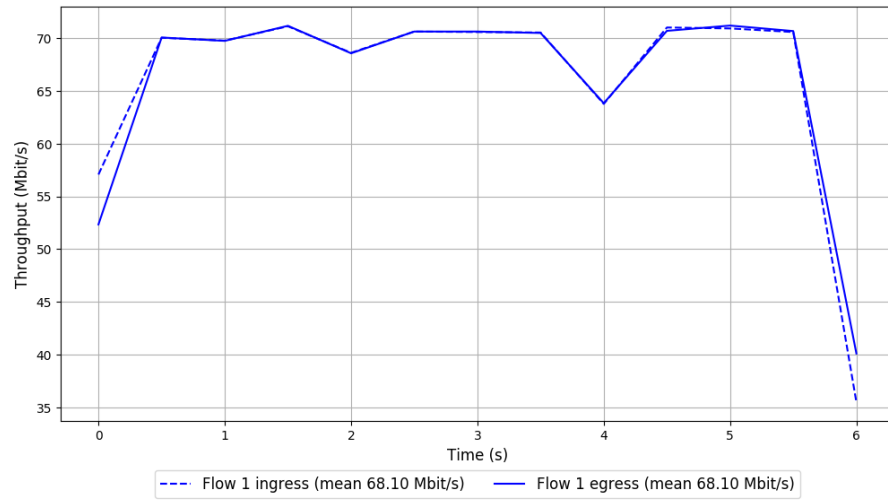
Start at: Tue, 25 Jul 2017 00:27:22 +0000

End at: Tue, 25 Jul 2017 00:27:52 +0000

Local clock offset: 5.733 ms

Remote clock offset: -17.422 ms

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

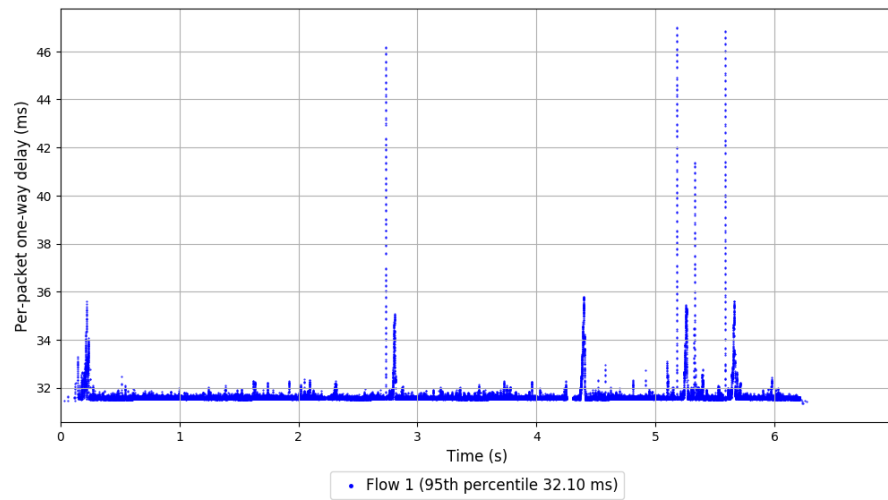
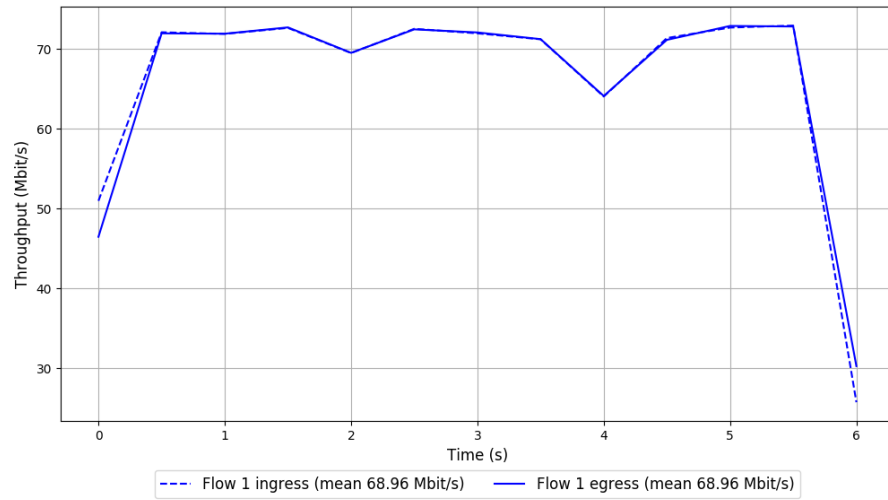
Start at: Tue, 25 Jul 2017 00:45:15 +0000

End at: Tue, 25 Jul 2017 00:45:45 +0000

Local clock offset: 1.462 ms

Remote clock offset: -20.613 ms

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

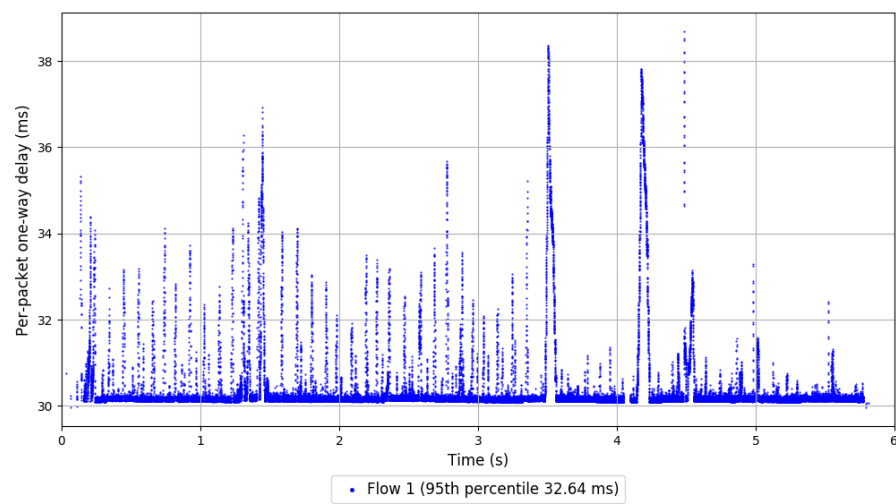
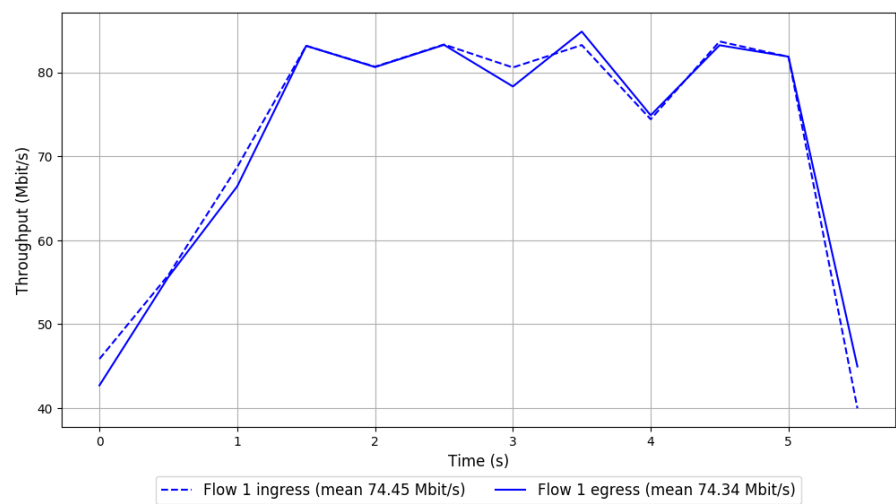
Start at: Tue, 25 Jul 2017 01:03:13 +0000

End at: Tue, 25 Jul 2017 01:03:43 +0000

Local clock offset: -0.451 ms

Remote clock offset: -21.689 ms

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

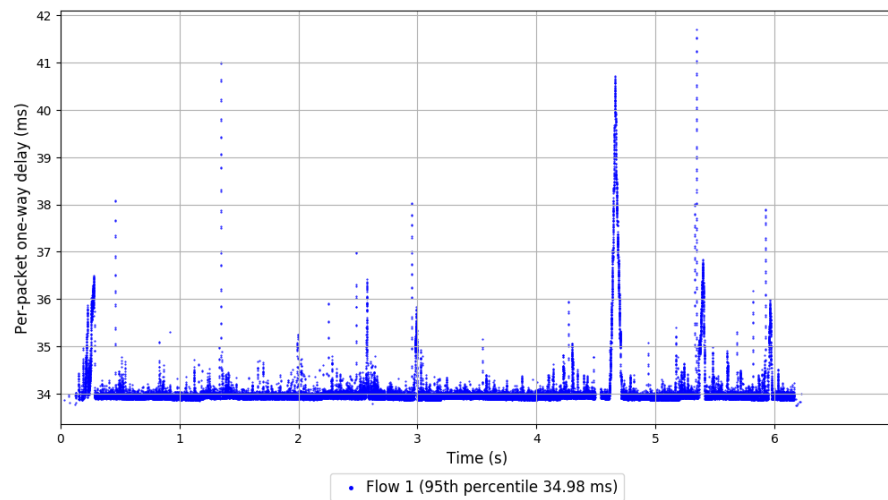
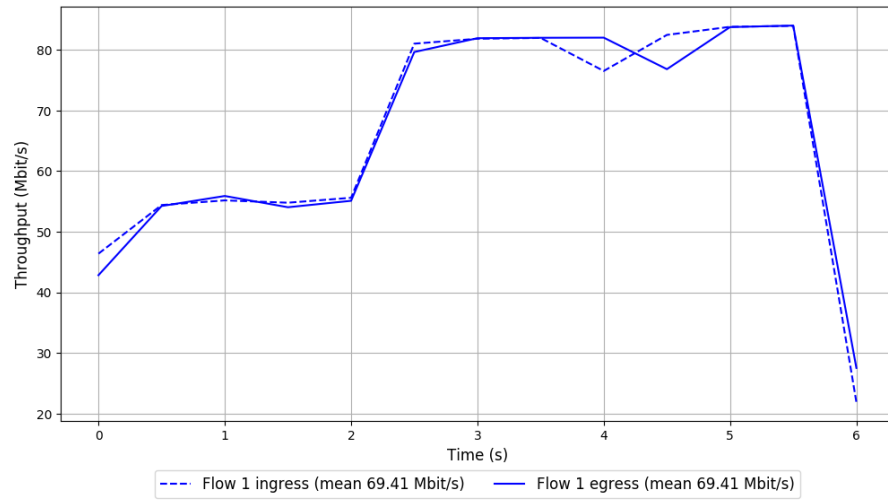
Start at: Tue, 25 Jul 2017 01:21:17 +0000

End at: Tue, 25 Jul 2017 01:21:47 +0000

Local clock offset: 4.705 ms

Remote clock offset: -21.103 ms

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

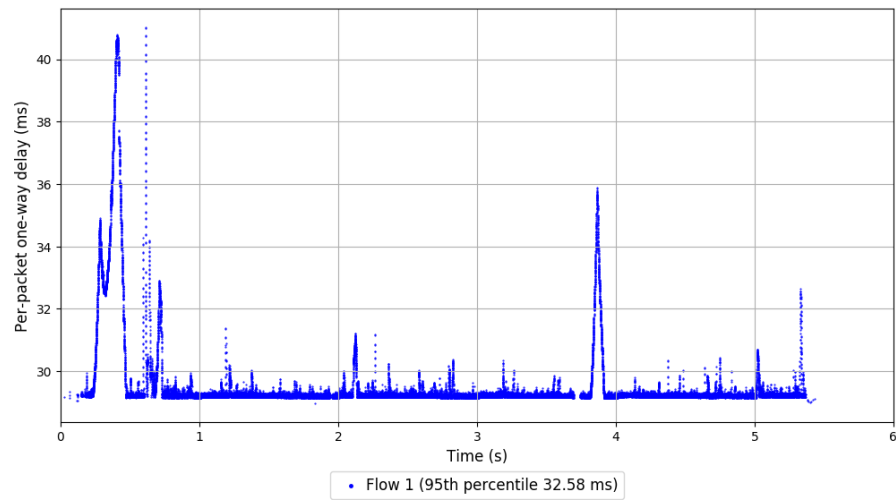
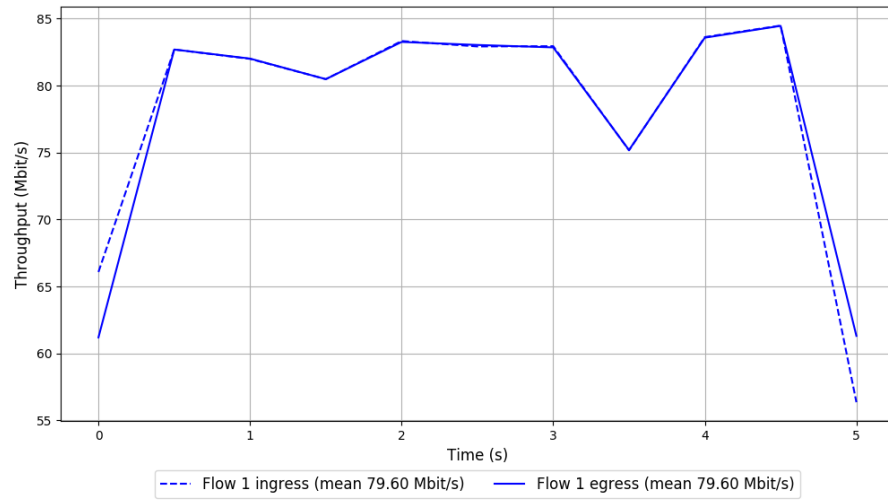
Start at: Tue, 25 Jul 2017 01:39:30 +0000

End at: Tue, 25 Jul 2017 01:40:00 +0000

Local clock offset: 1.491 ms

Remote clock offset: -21.305 ms

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

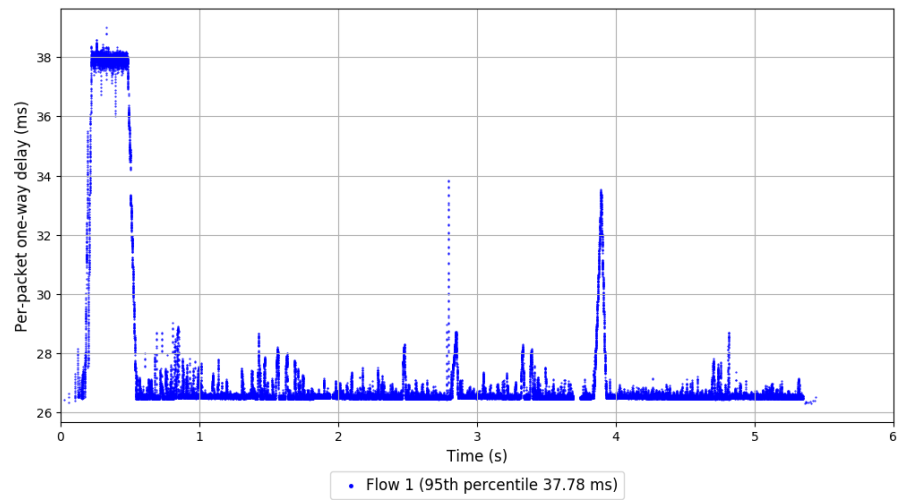
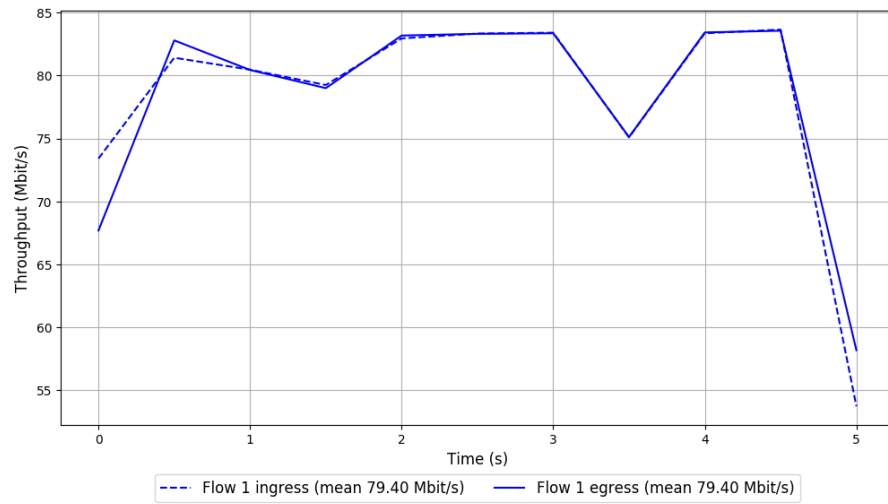
Start at: Tue, 25 Jul 2017 01:57:07 +0000

End at: Tue, 25 Jul 2017 01:57:37 +0000

Local clock offset: -1.134 ms

Remote clock offset: -20.474 ms

Run 10: Report of QUIC Cubic — Data Link



Run 1: Statistics of Saturator

Start at: Mon, 24 Jul 2017 23:02:48 +0000

End at: Mon, 24 Jul 2017 23:03:18 +0000

Local clock offset: 2.25 ms

Remote clock offset: -20.338 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:45:38 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.59 Mbit/s

95th percentile per-packet one-way delay: 32.570 ms

Loss rate: 0.09%

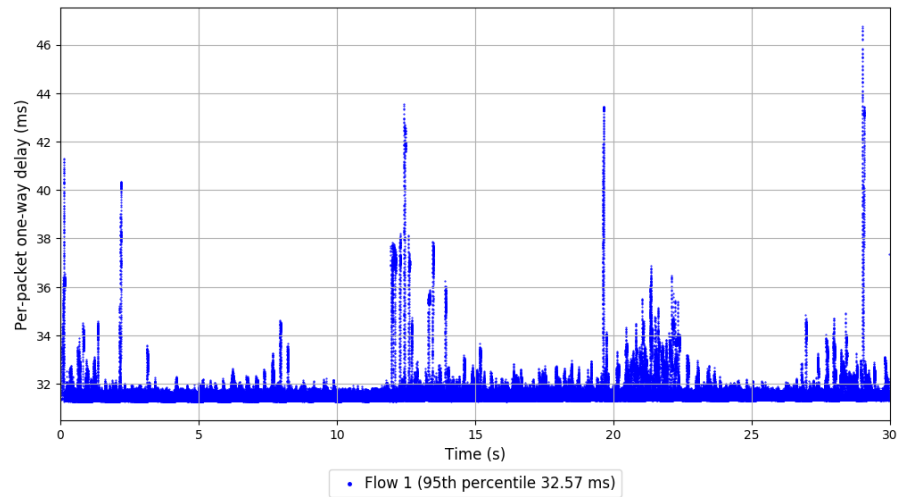
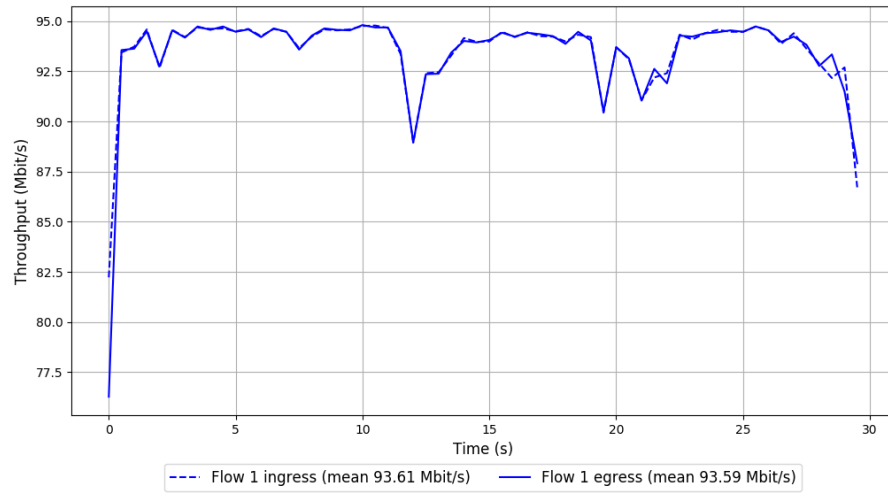
-- Flow 1:

Average throughput: 93.59 Mbit/s

95th percentile per-packet one-way delay: 32.570 ms

Loss rate: 0.09%

Run 1: Report of Saturator — Data Link



Run 2: Statistics of Saturator

Start at: Mon, 24 Jul 2017 23:20:41 +0000

End at: Mon, 24 Jul 2017 23:21:11 +0000

Local clock offset: 3.033 ms

Remote clock offset: -18.563 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:45:39 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.00 Mbit/s

95th percentile per-packet one-way delay: 32.665 ms

Loss rate: 0.09%

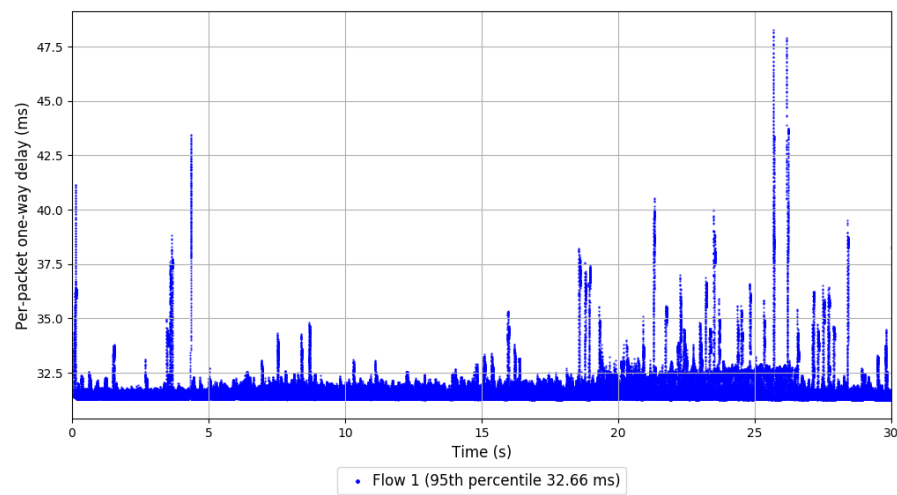
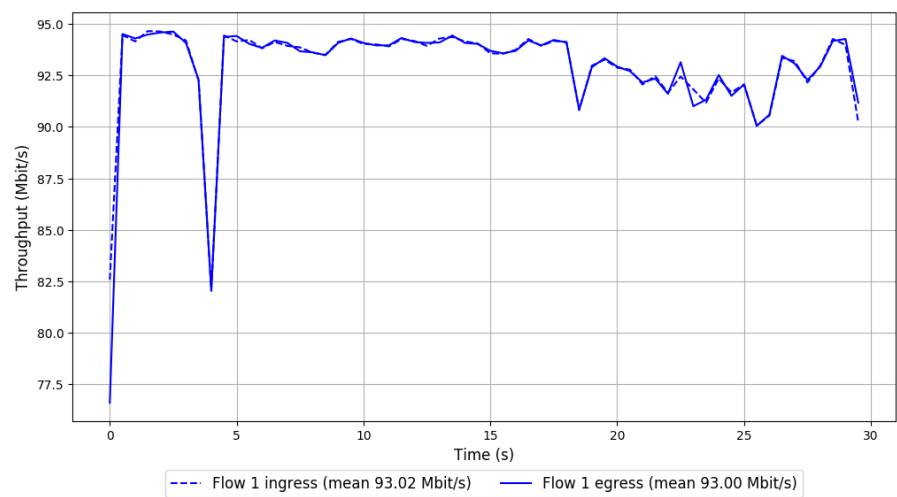
-- Flow 1:

Average throughput: 93.00 Mbit/s

95th percentile per-packet one-way delay: 32.665 ms

Loss rate: 0.09%

Run 2: Report of Saturator — Data Link



Run 3: Statistics of Saturator

Start at: Mon, 24 Jul 2017 23:38:28 +0000

End at: Mon, 24 Jul 2017 23:38:58 +0000

Local clock offset: -1.231 ms

Remote clock offset: -21.107 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:45:51 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.77 Mbit/s

95th percentile per-packet one-way delay: 29.789 ms

Loss rate: 0.08%

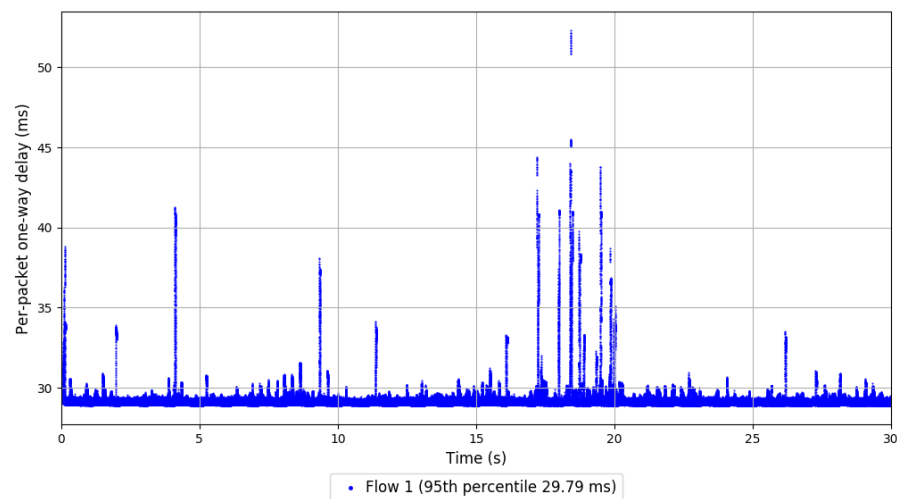
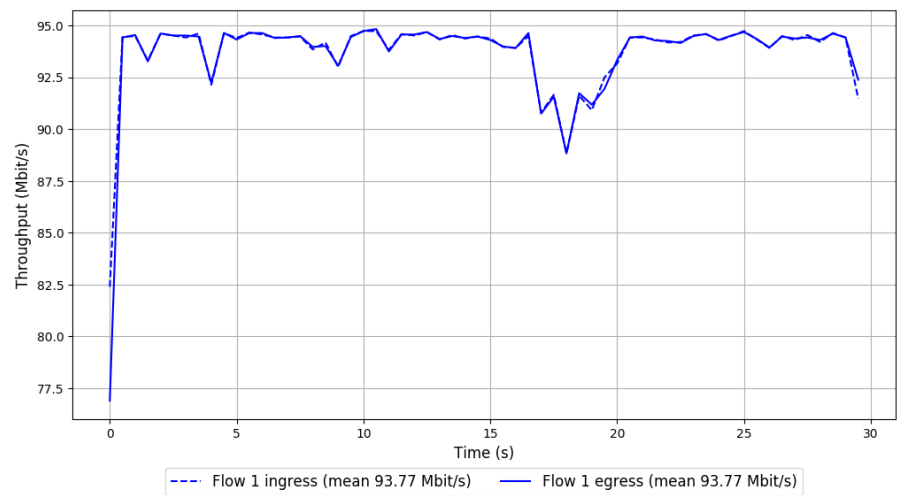
-- Flow 1:

Average throughput: 93.77 Mbit/s

95th percentile per-packet one-way delay: 29.789 ms

Loss rate: 0.08%

Run 3: Report of Saturator — Data Link



Run 4: Statistics of Saturator

Start at: Mon, 24 Jul 2017 23:56:16 +0000

End at: Mon, 24 Jul 2017 23:56:46 +0000

Local clock offset: 2.162 ms

Remote clock offset: -20.334 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:45:51 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.80 Mbit/s

95th percentile per-packet one-way delay: 33.112 ms

Loss rate: 0.08%

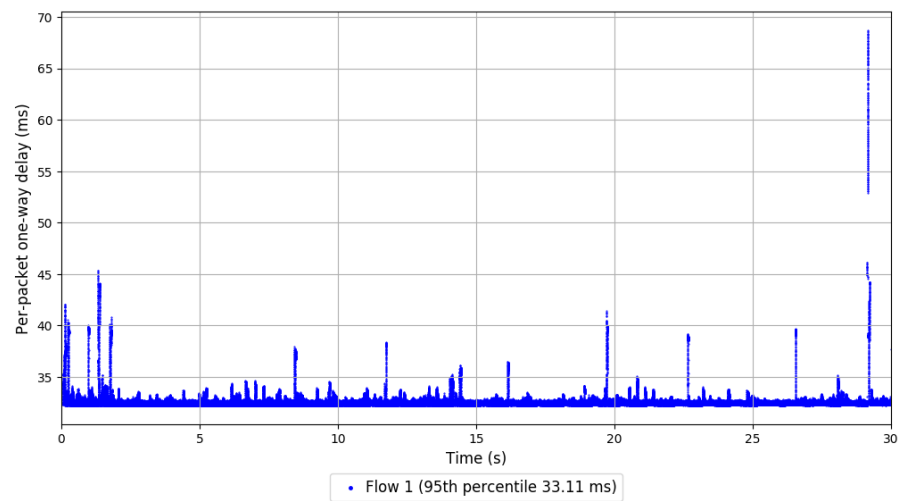
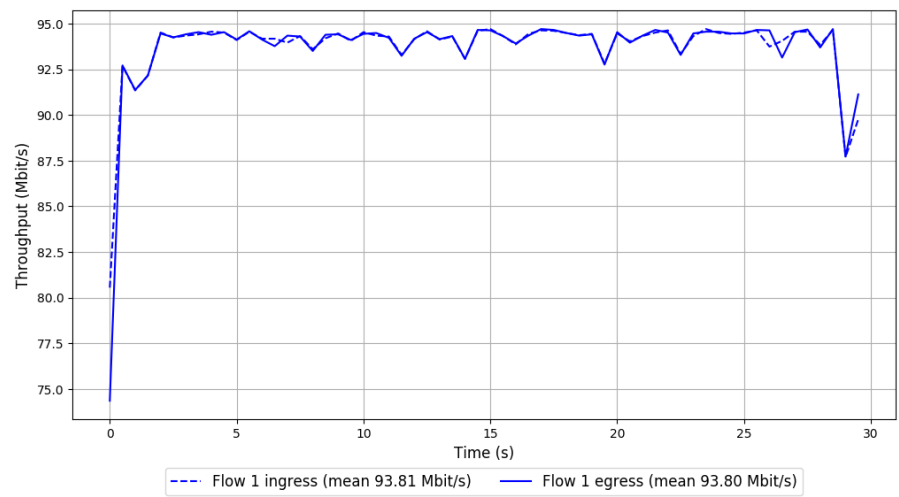
-- Flow 1:

Average throughput: 93.80 Mbit/s

95th percentile per-packet one-way delay: 33.112 ms

Loss rate: 0.08%

Run 4: Report of Saturator — Data Link



Run 5: Statistics of Saturator

Start at: Tue, 25 Jul 2017 00:14:19 +0000

End at: Tue, 25 Jul 2017 00:14:49 +0000

Local clock offset: -0.968 ms

Remote clock offset: -19.423 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:46:03 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.93 Mbit/s

95th percentile per-packet one-way delay: 29.769 ms

Loss rate: 0.08%

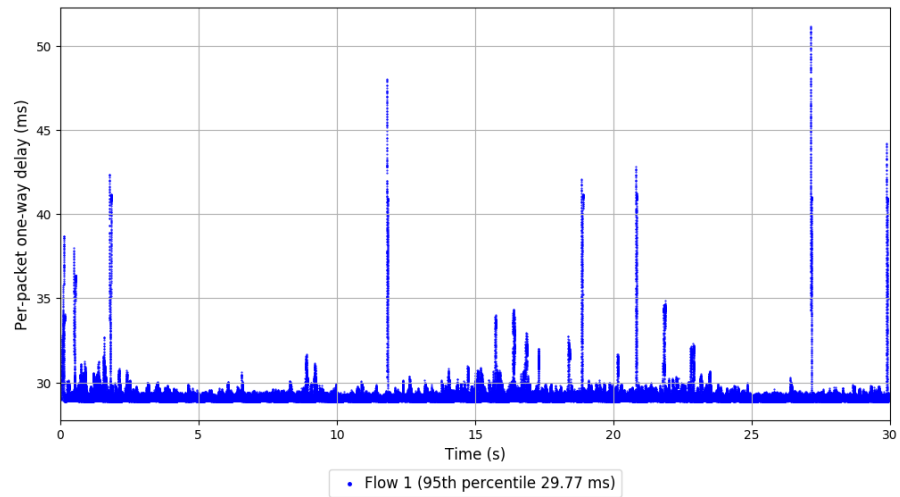
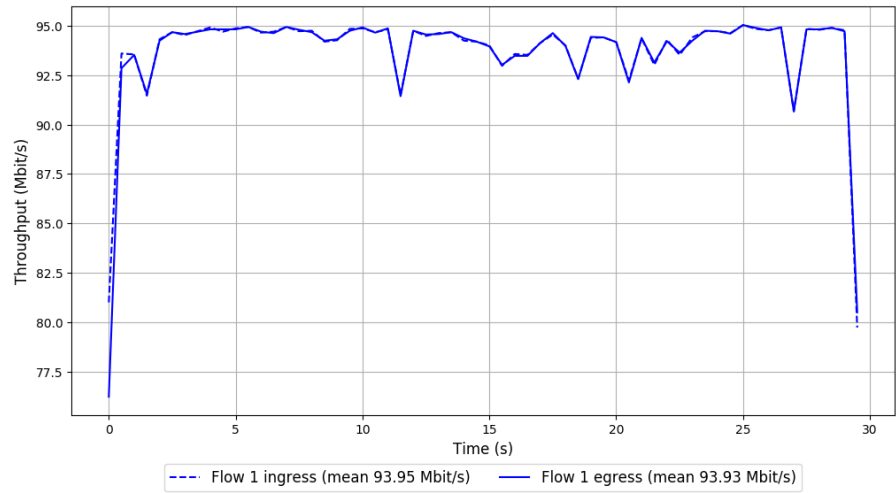
-- Flow 1:

Average throughput: 93.93 Mbit/s

95th percentile per-packet one-way delay: 29.769 ms

Loss rate: 0.08%

Run 5: Report of Saturator — Data Link



Run 6: Statistics of Saturator

Start at: Tue, 25 Jul 2017 00:32:06 +0000

End at: Tue, 25 Jul 2017 00:32:36 +0000

Local clock offset: 5.295 ms

Remote clock offset: -19.304 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:46:04 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.49 Mbit/s

95th percentile per-packet one-way delay: 34.936 ms

Loss rate: 0.08%

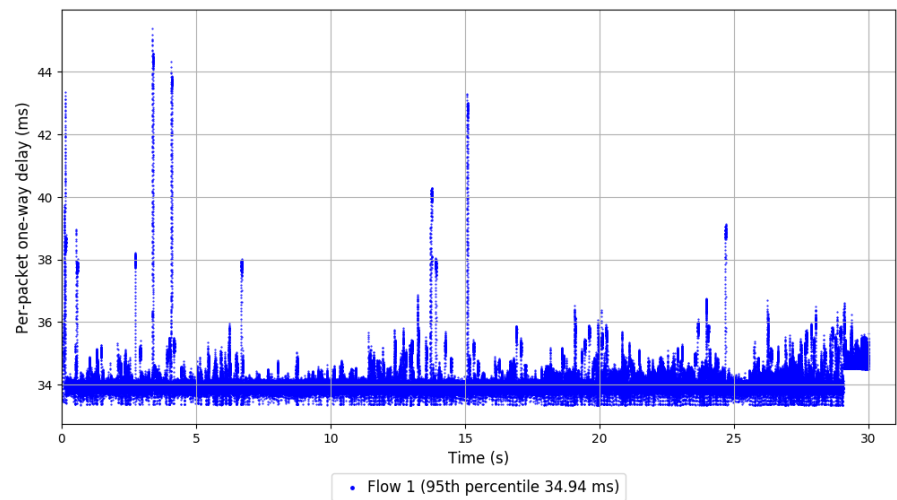
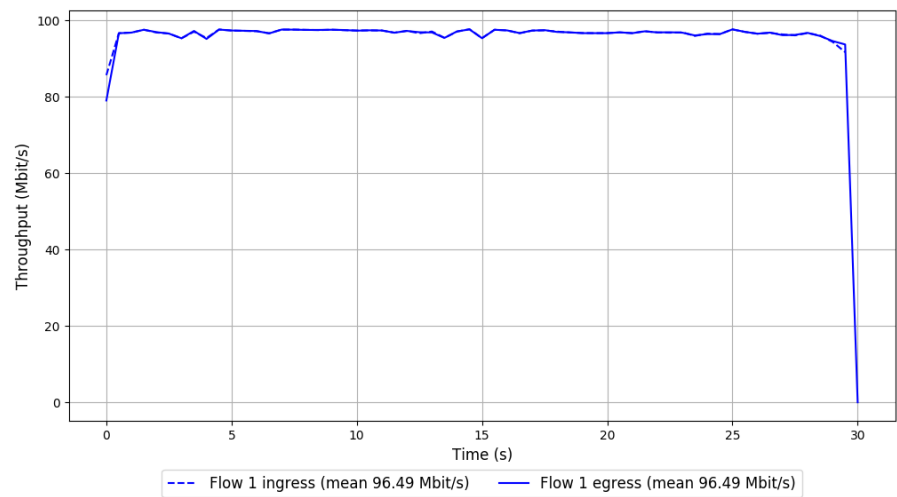
-- Flow 1:

Average throughput: 96.49 Mbit/s

95th percentile per-packet one-way delay: 34.936 ms

Loss rate: 0.08%

Run 6: Report of Saturator — Data Link



Run 7: Statistics of Saturator

Start at: Tue, 25 Jul 2017 00:49:56 +0000

End at: Tue, 25 Jul 2017 00:50:26 +0000

Local clock offset: 4.932 ms

Remote clock offset: -20.761 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:46:16 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.01 Mbit/s

95th percentile per-packet one-way delay: 36.472 ms

Loss rate: 0.09%

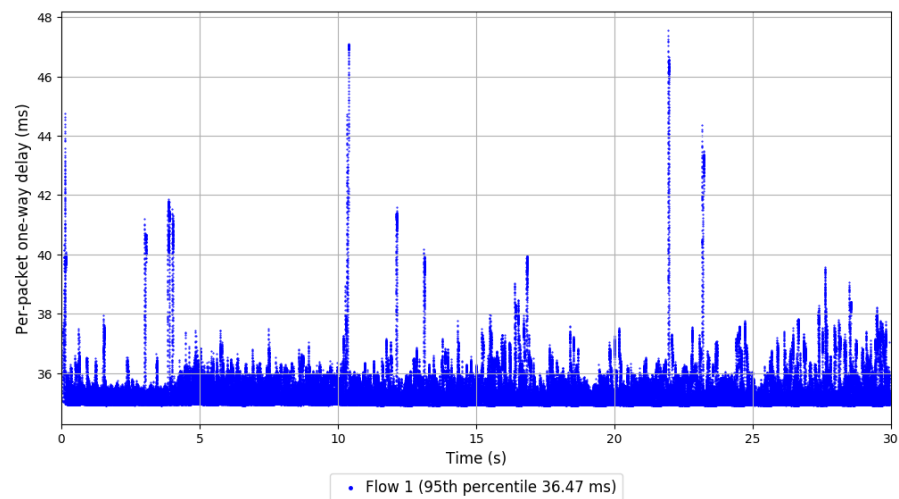
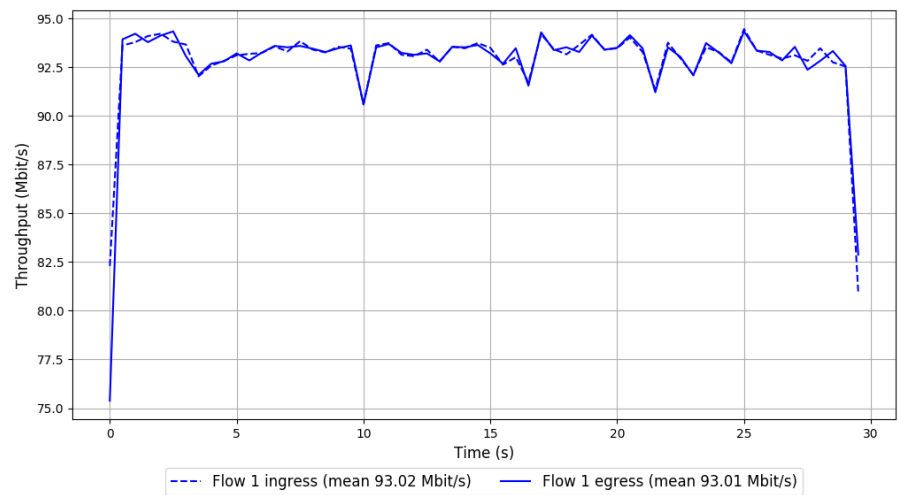
-- Flow 1:

Average throughput: 93.01 Mbit/s

95th percentile per-packet one-way delay: 36.472 ms

Loss rate: 0.09%

Run 7: Report of Saturator — Data Link



Run 8: Statistics of Saturator

Start at: Tue, 25 Jul 2017 01:08:04 +0000

End at: Tue, 25 Jul 2017 01:08:34 +0000

Local clock offset: 1.807 ms

Remote clock offset: -21.631 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:46:16 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.20 Mbit/s

95th percentile per-packet one-way delay: 33.462 ms

Loss rate: 0.09%

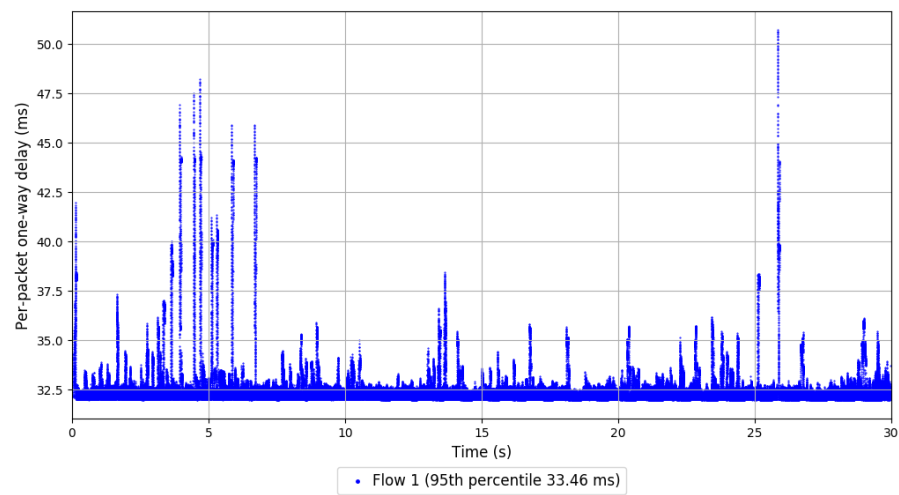
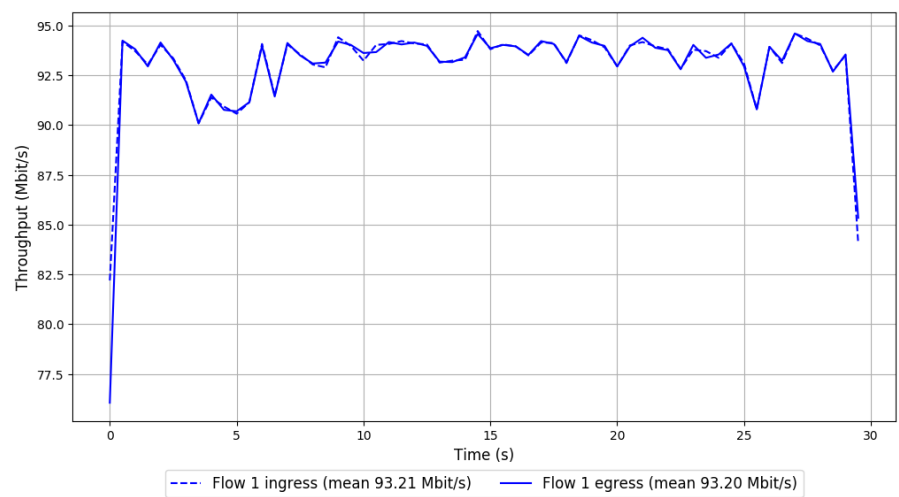
-- Flow 1:

Average throughput: 93.20 Mbit/s

95th percentile per-packet one-way delay: 33.462 ms

Loss rate: 0.09%

Run 8: Report of Saturator — Data Link



Run 9: Statistics of Saturator

Start at: Tue, 25 Jul 2017 01:26:14 +0000

End at: Tue, 25 Jul 2017 01:26:44 +0000

Local clock offset: 5.744 ms

Remote clock offset: -21.936 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:46:28 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.35 Mbit/s

95th percentile per-packet one-way delay: 36.923 ms

Loss rate: 0.08%

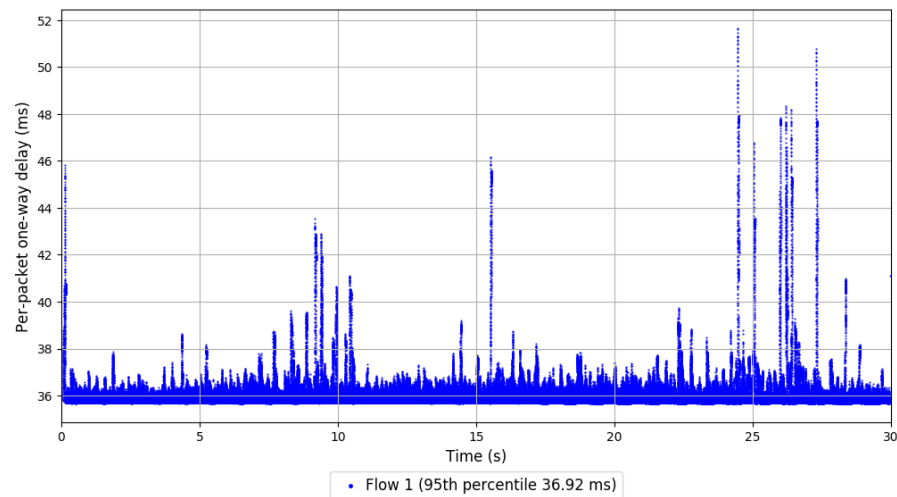
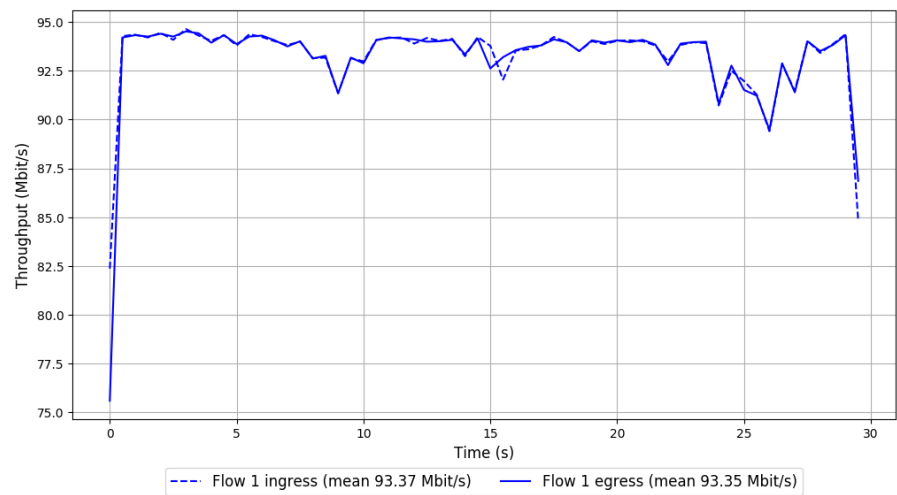
-- Flow 1:

Average throughput: 93.35 Mbit/s

95th percentile per-packet one-way delay: 36.923 ms

Loss rate: 0.08%

Run 9: Report of Saturator — Data Link



Run 10: Statistics of Saturator

Start at: Tue, 25 Jul 2017 01:44:07 +0000

End at: Tue, 25 Jul 2017 01:44:37 +0000

Local clock offset: 3.752 ms

Remote clock offset: -24.092 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:46:30 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.43 Mbit/s

95th percentile per-packet one-way delay: 35.681 ms

Loss rate: 0.08%

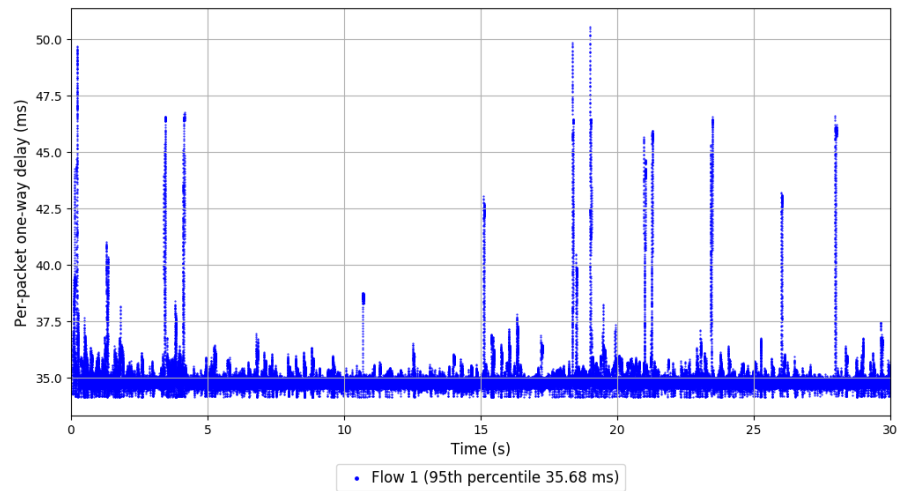
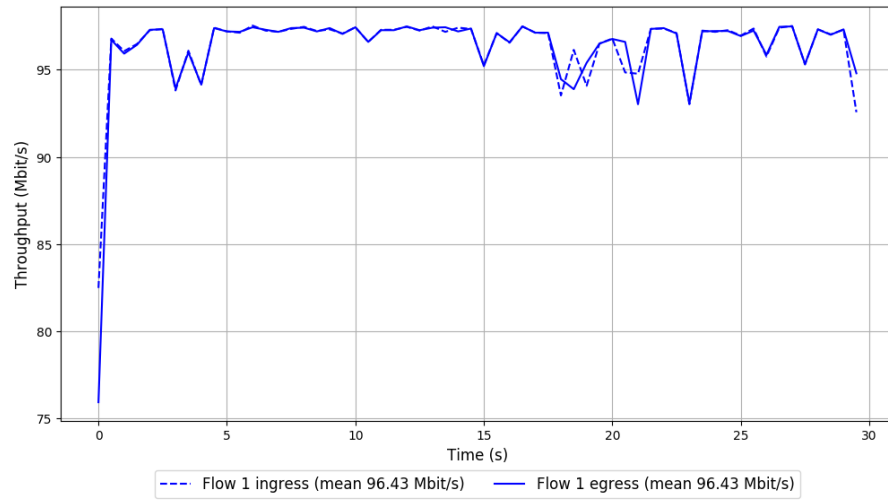
-- Flow 1:

Average throughput: 96.43 Mbit/s

95th percentile per-packet one-way delay: 35.681 ms

Loss rate: 0.08%

Run 10: Report of Saturator — Data Link



Run 1: Statistics of SCReAM

Start at: Mon, 24 Jul 2017 23:11:17 +0000

End at: Mon, 24 Jul 2017 23:11:47 +0000

Local clock offset: 1.863 ms

Remote clock offset: -20.722 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:46:30 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 32.187 ms

Loss rate: 0.13%

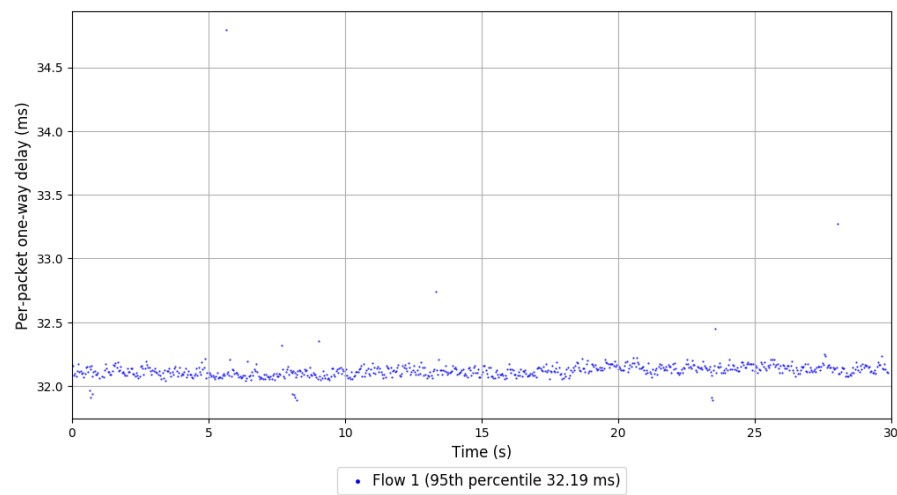
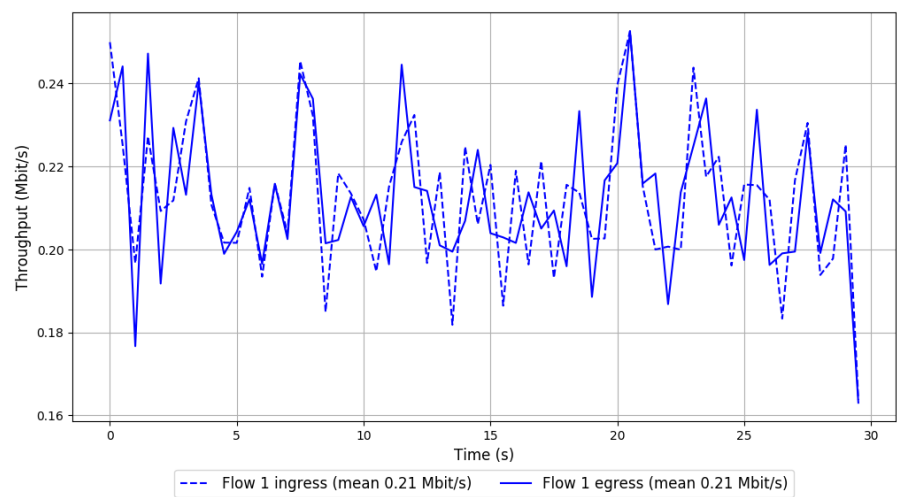
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 32.187 ms

Loss rate: 0.13%

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

Start at: Mon, 24 Jul 2017 23:29:11 +0000

End at: Mon, 24 Jul 2017 23:29:41 +0000

Local clock offset: 5.024 ms

Remote clock offset: -20.545 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:46:30 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 35.088 ms

Loss rate: 0.00%

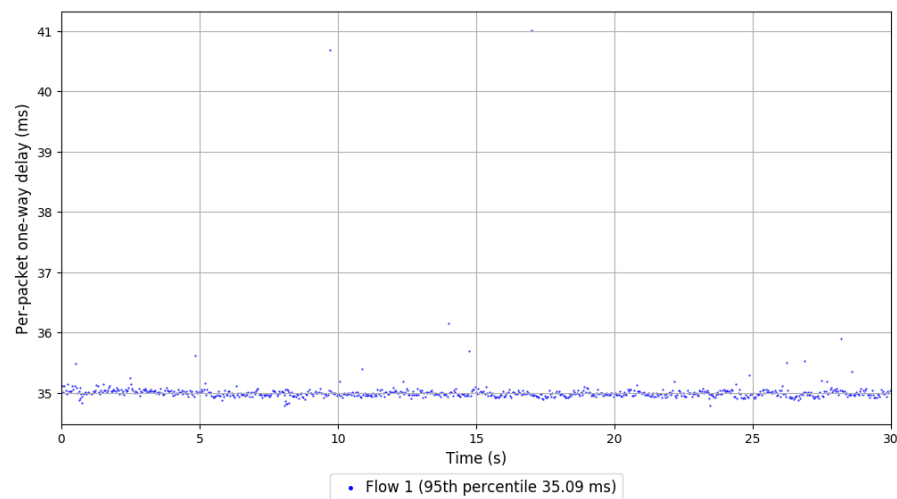
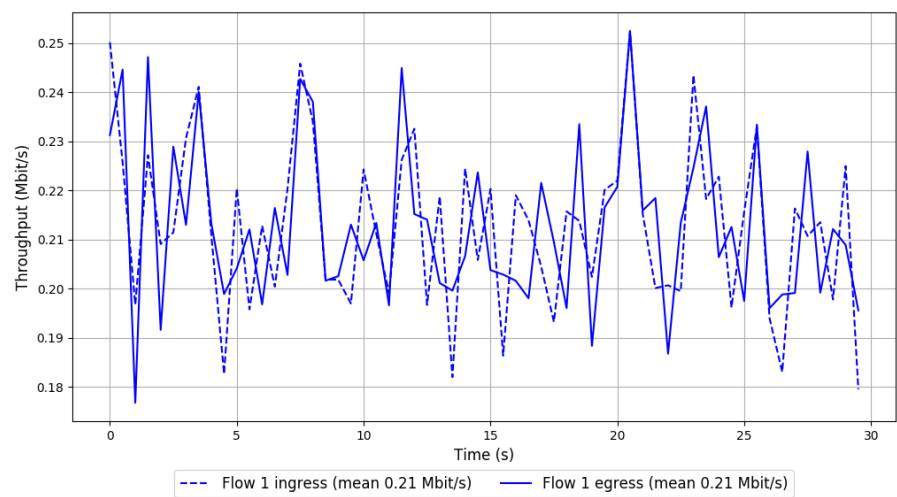
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 35.088 ms

Loss rate: 0.00%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SCReAM

Start at: Mon, 24 Jul 2017 23:46:58 +0000

End at: Mon, 24 Jul 2017 23:47:28 +0000

Local clock offset: -0.854 ms

Remote clock offset: -20.395 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:46:30 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 28.666 ms

Loss rate: 0.13%

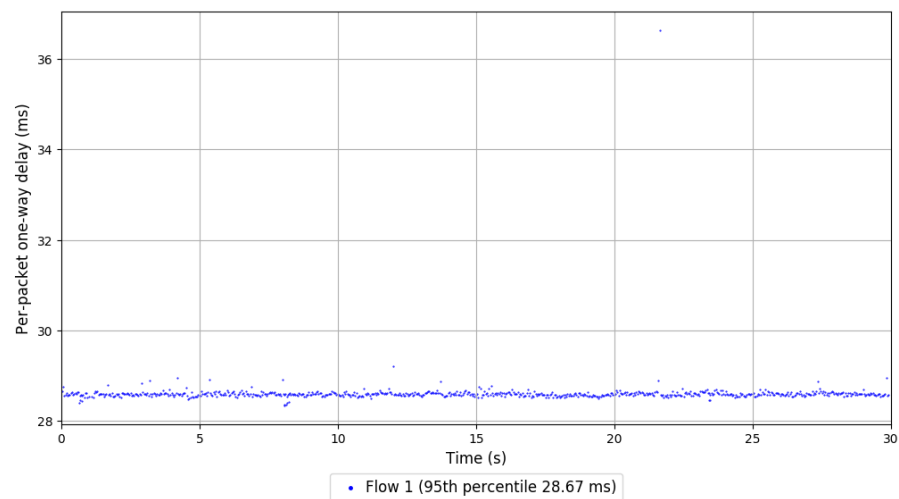
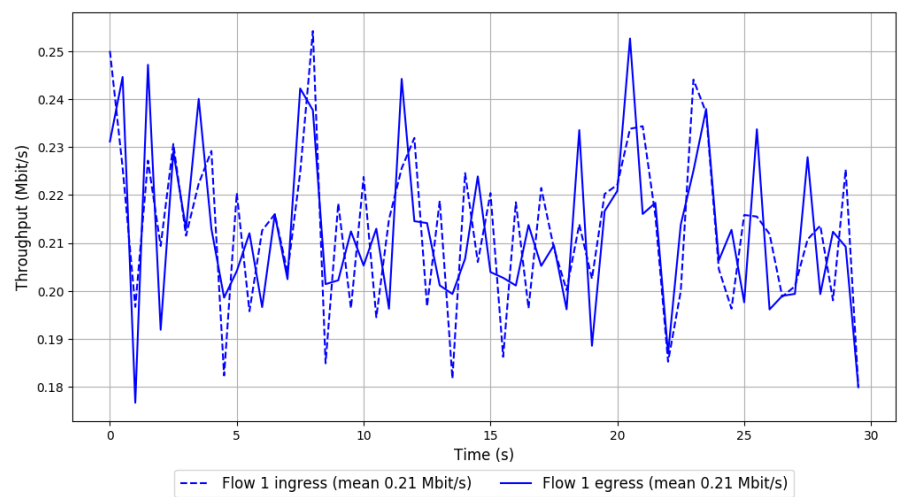
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 28.666 ms

Loss rate: 0.13%

Run 3: Report of SReAM — Data Link



Run 4: Statistics of SCReAM

Start at: Tue, 25 Jul 2017 00:04:58 +0000

End at: Tue, 25 Jul 2017 00:05:28 +0000

Local clock offset: 0.86 ms

Remote clock offset: -19.887 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:46:31 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 31.248 ms

Loss rate: 0.13%

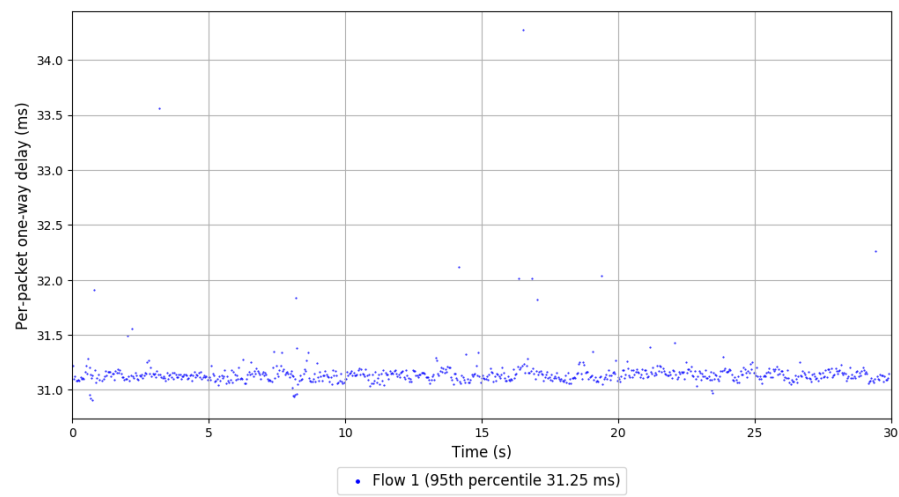
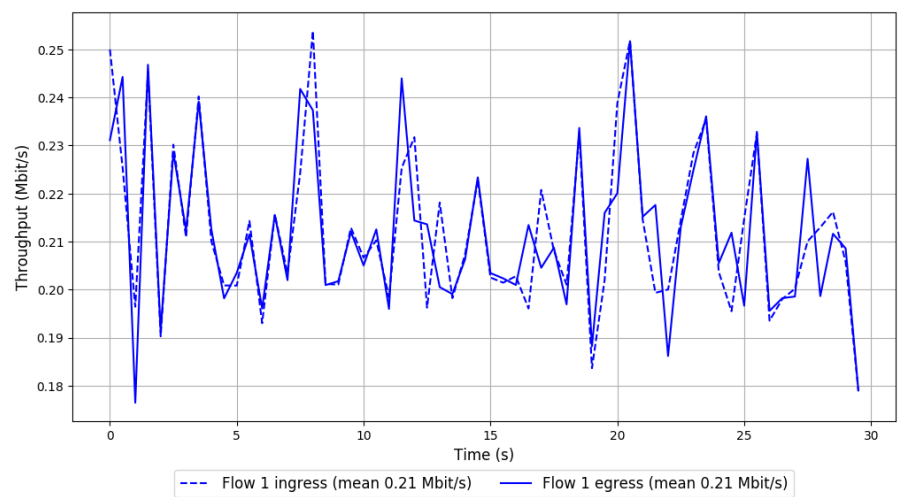
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 31.248 ms

Loss rate: 0.13%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

Start at: Tue, 25 Jul 2017 00:22:44 +0000

End at: Tue, 25 Jul 2017 00:23:14 +0000

Local clock offset: 5.417 ms

Remote clock offset: -20.467 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:46:31 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 36.373 ms

Loss rate: 0.00%

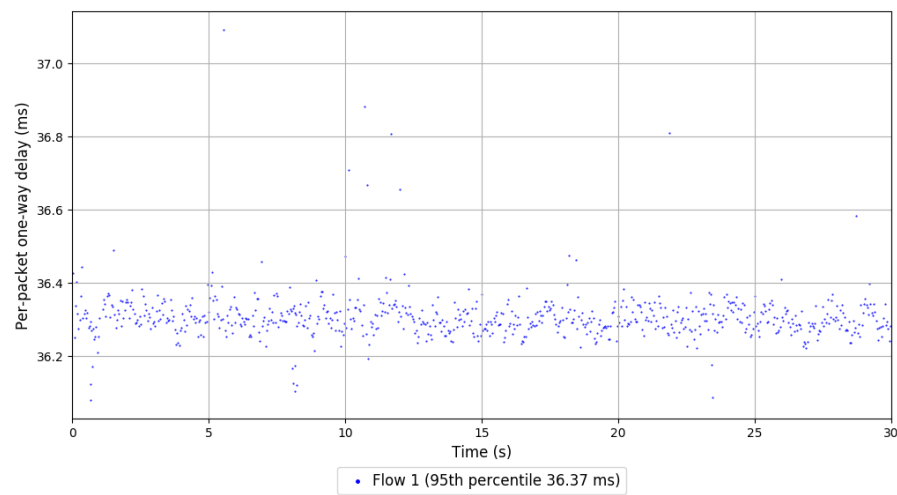
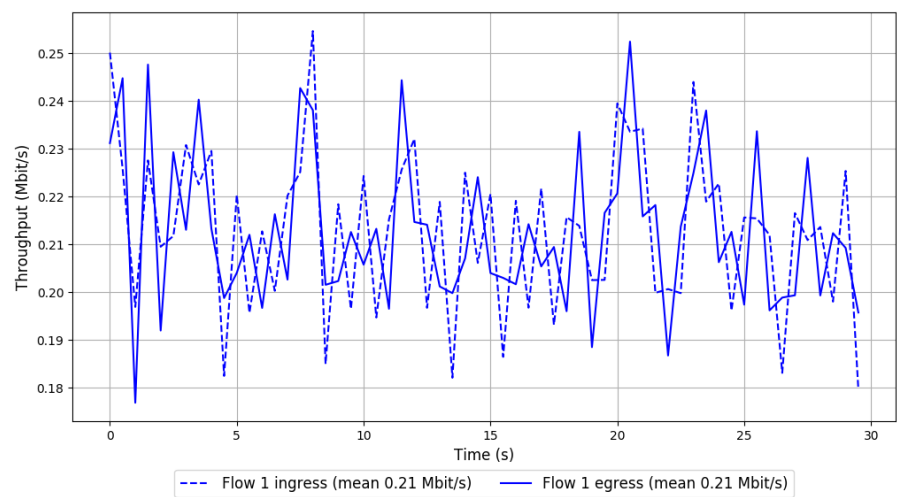
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 36.373 ms

Loss rate: 0.00%

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SCReAM

Start at: Tue, 25 Jul 2017 00:40:38 +0000

End at: Tue, 25 Jul 2017 00:41:08 +0000

Local clock offset: -0.956 ms

Remote clock offset: -18.269 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:46:32 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 27.166 ms

Loss rate: 0.00%

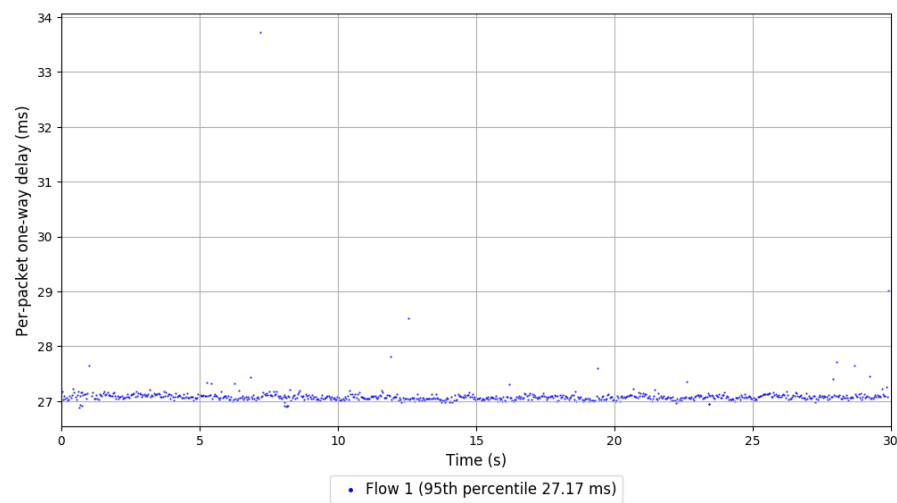
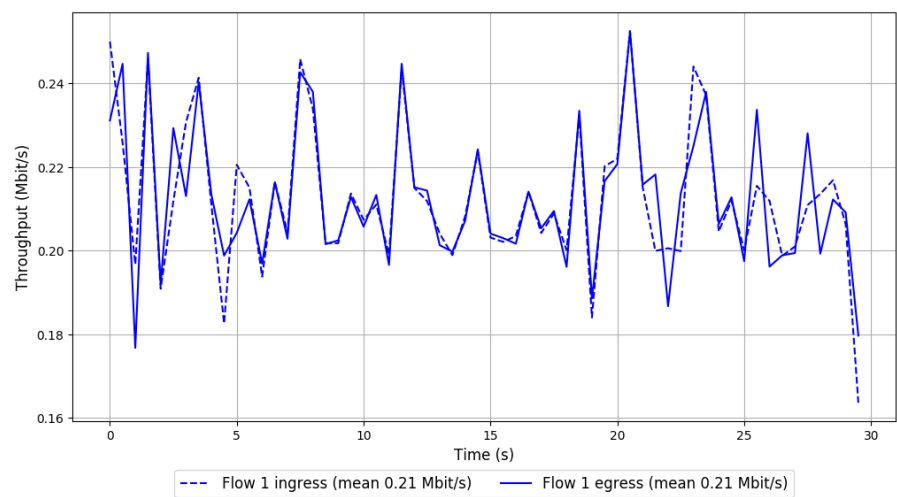
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 27.166 ms

Loss rate: 0.00%

Run 6: Report of SReAM — Data Link



Run 7: Statistics of SCReAM

Start at: Tue, 25 Jul 2017 00:58:34 +0000

End at: Tue, 25 Jul 2017 00:59:05 +0000

Local clock offset: -1.192 ms

Remote clock offset: -22.27 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:46:33 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 30.274 ms

Loss rate: 0.00%

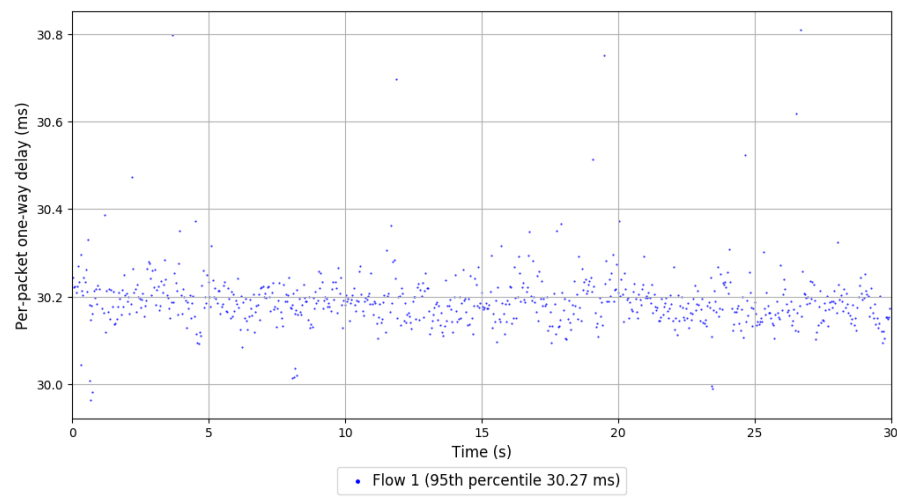
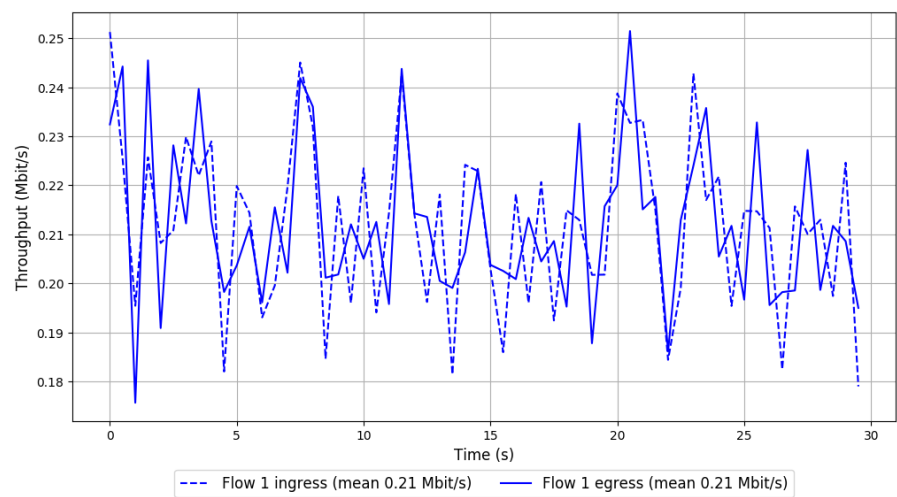
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 30.274 ms

Loss rate: 0.00%

Run 7: Report of SReAM — Data Link



Run 8: Statistics of SCReAM

Start at: Tue, 25 Jul 2017 01:16:44 +0000

End at: Tue, 25 Jul 2017 01:17:14 +0000

Local clock offset: 1.348 ms

Remote clock offset: -23.317 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:46:34 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 33.033 ms

Loss rate: 0.13%

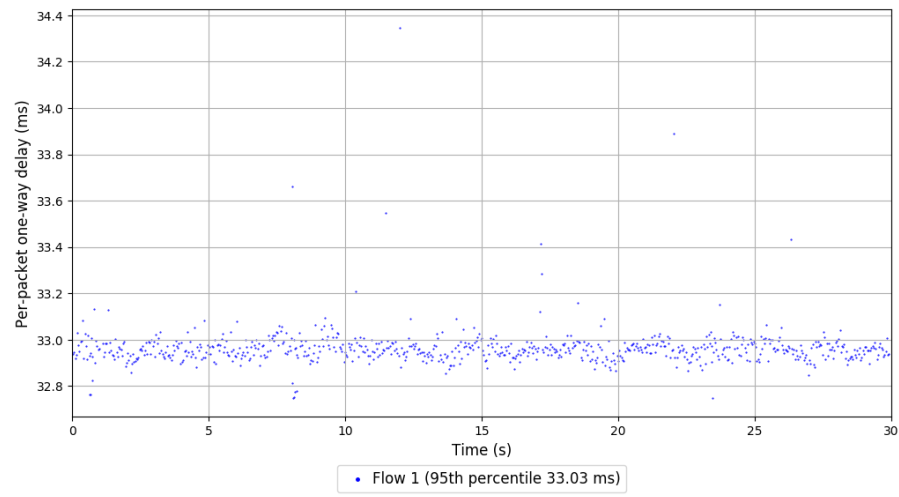
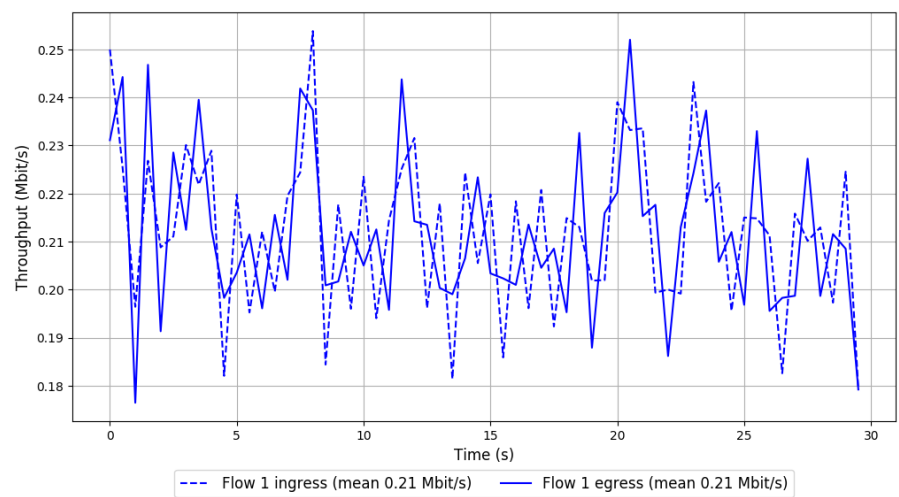
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 33.033 ms

Loss rate: 0.13%

Run 8: Report of SReAM — Data Link



Run 9: Statistics of SCReAM

Start at: Tue, 25 Jul 2017 01:34:52 +0000

End at: Tue, 25 Jul 2017 01:35:22 +0000

Local clock offset: -4.225 ms

Remote clock offset: -28.588 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:46:34 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 32.221 ms

Loss rate: 0.00%

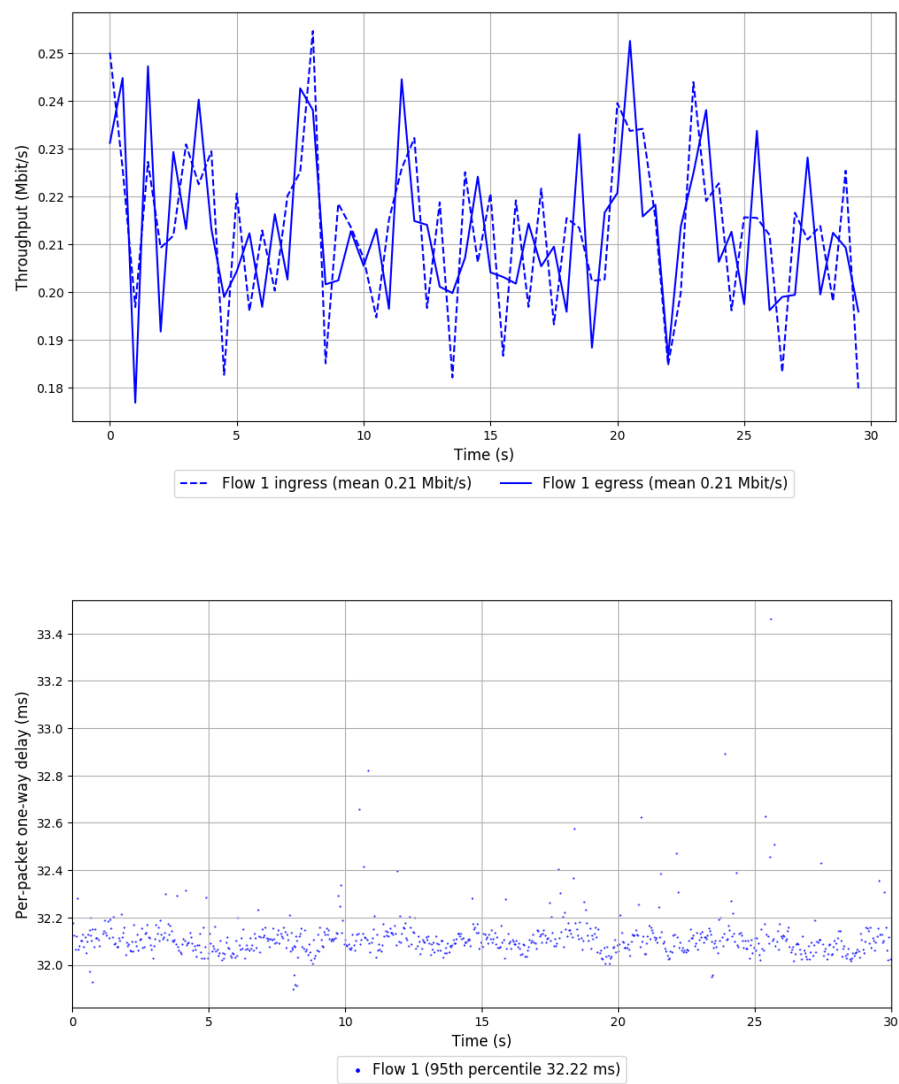
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 32.221 ms

Loss rate: 0.00%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SCReAM

Start at: Tue, 25 Jul 2017 01:52:31 +0000

End at: Tue, 25 Jul 2017 01:53:01 +0000

Local clock offset: 0.906 ms

Remote clock offset: -21.55 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:46:34 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 29.498 ms

Loss rate: 0.00%

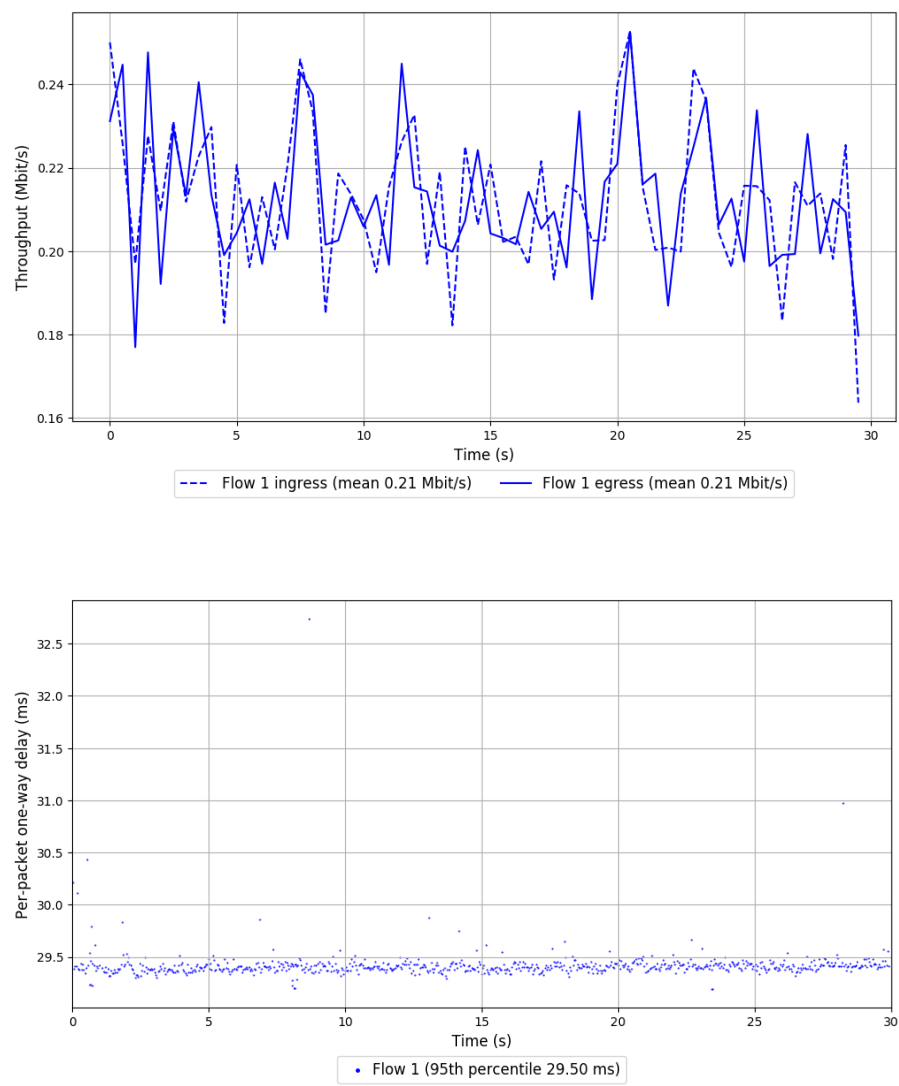
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 29.498 ms

Loss rate: 0.00%

Run 10: Report of SCRaM — Data Link



Run 1: Statistics of Sprout

Start at: Mon, 24 Jul 2017 23:10:10 +0000

End at: Mon, 24 Jul 2017 23:10:40 +0000

Local clock offset: 2.658 ms

Remote clock offset: -20.753 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:46:37 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.52 Mbit/s

95th percentile per-packet one-way delay: 40.522 ms

Loss rate: 0.13%

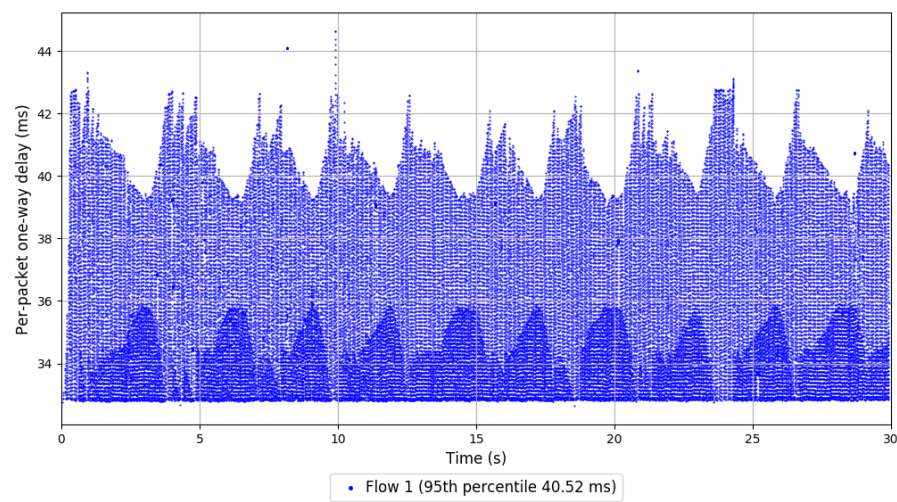
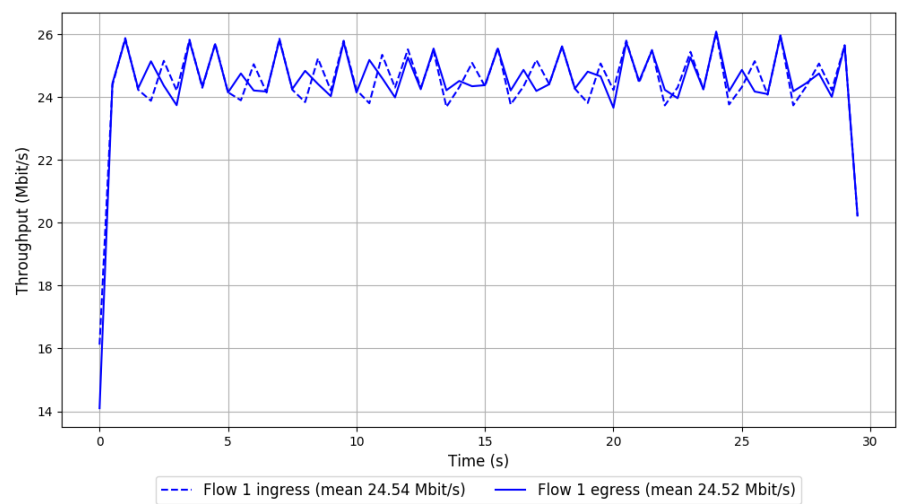
-- Flow 1:

Average throughput: 24.52 Mbit/s

95th percentile per-packet one-way delay: 40.522 ms

Loss rate: 0.13%

Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

Start at: Mon, 24 Jul 2017 23:28:04 +0000

End at: Mon, 24 Jul 2017 23:28:34 +0000

Local clock offset: 3.035 ms

Remote clock offset: -20.683 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:46:39 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.47 Mbit/s

95th percentile per-packet one-way delay: 40.559 ms

Loss rate: 0.11%

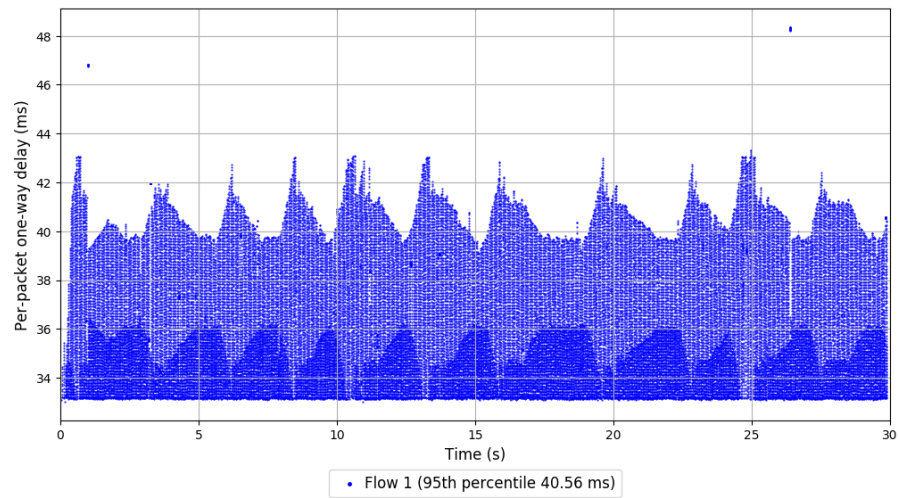
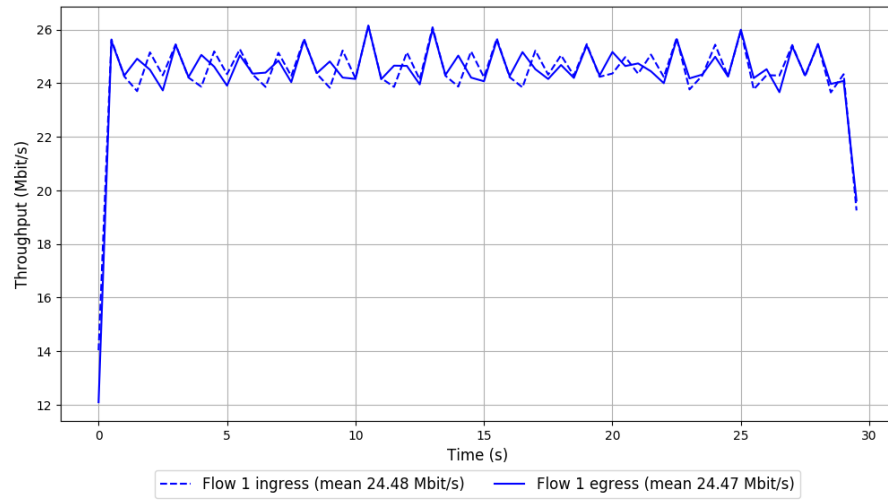
-- Flow 1:

Average throughput: 24.47 Mbit/s

95th percentile per-packet one-way delay: 40.559 ms

Loss rate: 0.11%

Run 2: Report of Sprout — Data Link



Run 3: Statistics of Sprout

Start at: Mon, 24 Jul 2017 23:45:52 +0000

End at: Mon, 24 Jul 2017 23:46:22 +0000

Local clock offset: -0.45 ms

Remote clock offset: -20.872 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:46:41 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.57 Mbit/s

95th percentile per-packet one-way delay: 36.945 ms

Loss rate: 0.06%

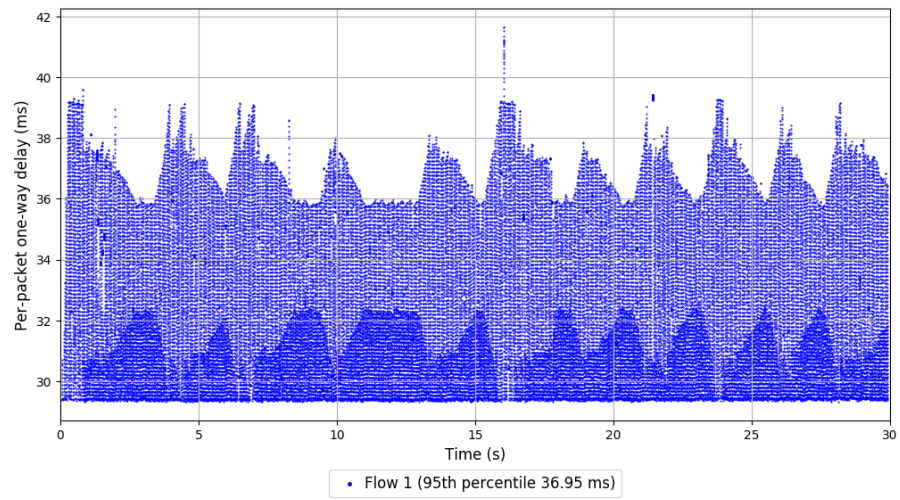
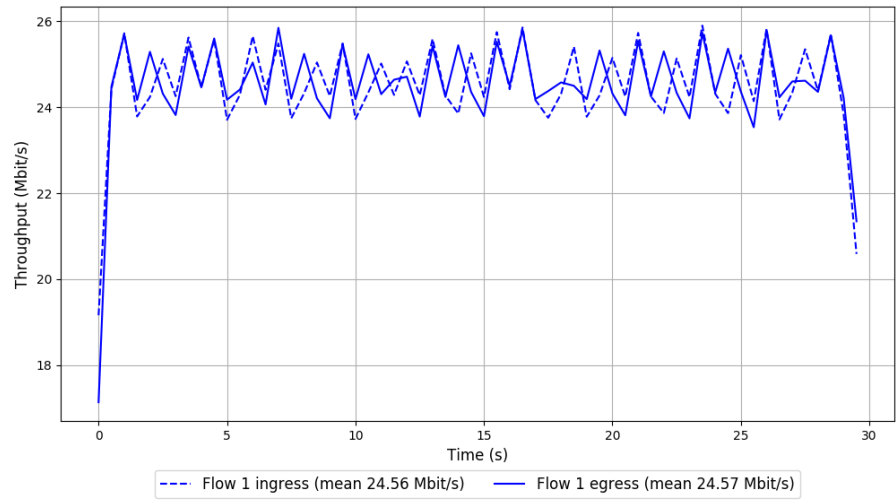
-- Flow 1:

Average throughput: 24.57 Mbit/s

95th percentile per-packet one-way delay: 36.945 ms

Loss rate: 0.06%

Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

Start at: Tue, 25 Jul 2017 00:03:52 +0000

End at: Tue, 25 Jul 2017 00:04:22 +0000

Local clock offset: 2.297 ms

Remote clock offset: -21.038 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:46:43 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.48 Mbit/s

95th percentile per-packet one-way delay: 41.187 ms

Loss rate: 0.06%

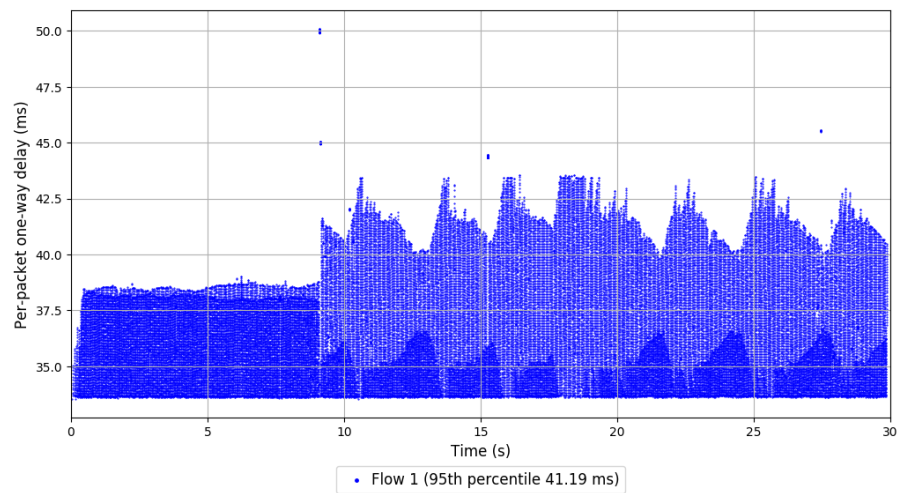
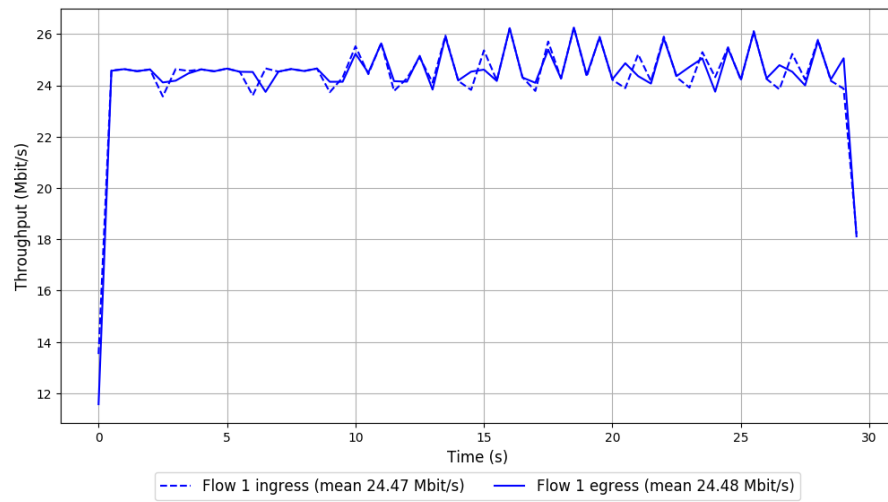
-- Flow 1:

Average throughput: 24.48 Mbit/s

95th percentile per-packet one-way delay: 41.187 ms

Loss rate: 0.06%

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: Tue, 25 Jul 2017 00:21:38 +0000

End at: Tue, 25 Jul 2017 00:22:08 +0000

Local clock offset: 4.382 ms

Remote clock offset: -18.342 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:46:46 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.52 Mbit/s

95th percentile per-packet one-way delay: 40.766 ms

Loss rate: 0.04%

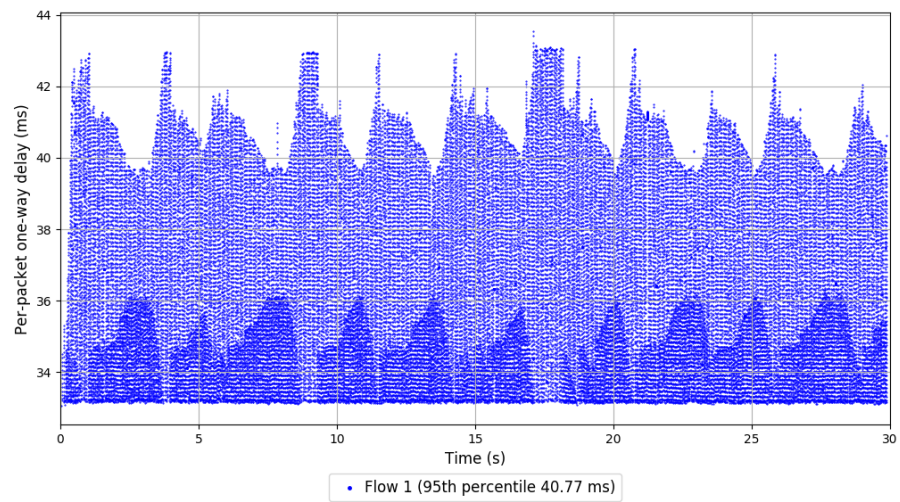
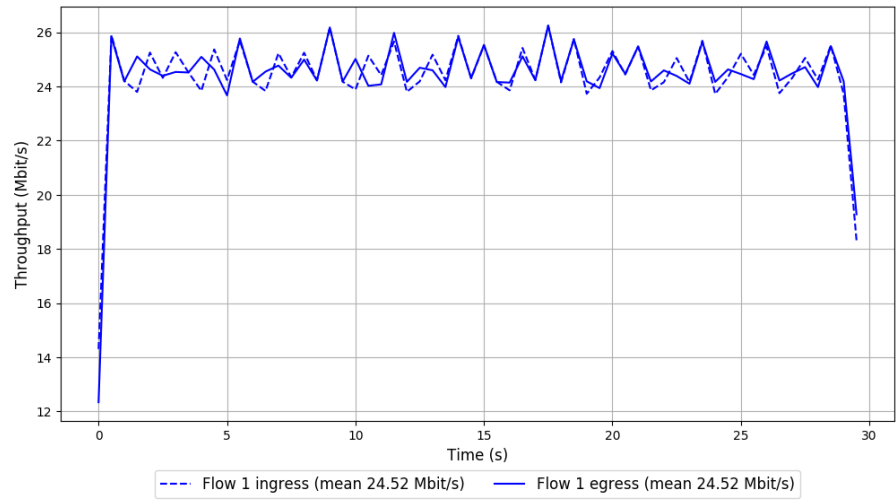
-- Flow 1:

Average throughput: 24.52 Mbit/s

95th percentile per-packet one-way delay: 40.766 ms

Loss rate: 0.04%

Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

Start at: Tue, 25 Jul 2017 00:39:31 +0000

End at: Tue, 25 Jul 2017 00:40:01 +0000

Local clock offset: 0.953 ms

Remote clock offset: -20.958 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:46:47 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.32 Mbit/s

95th percentile per-packet one-way delay: 36.851 ms

Loss rate: 0.10%

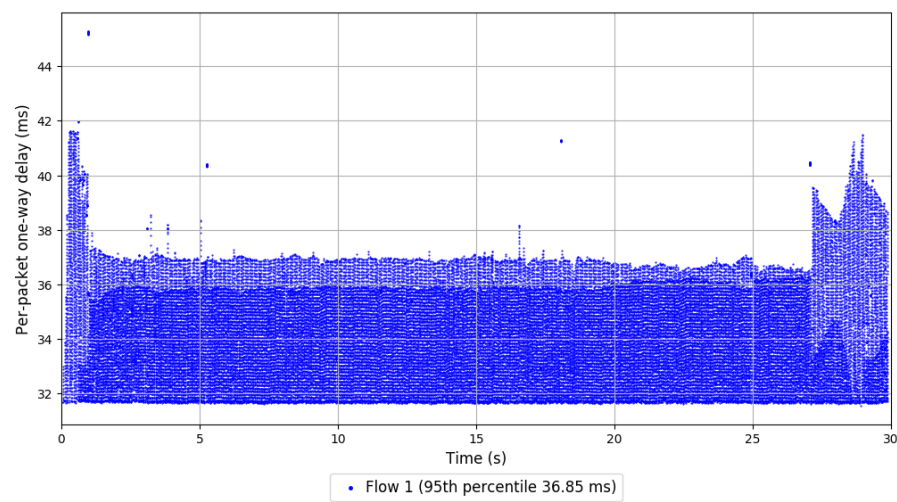
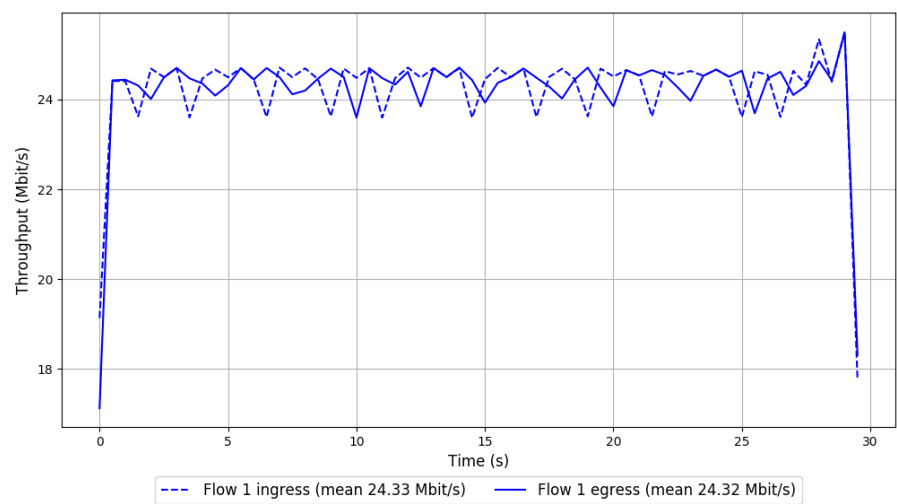
-- Flow 1:

Average throughput: 24.32 Mbit/s

95th percentile per-packet one-way delay: 36.851 ms

Loss rate: 0.10%

Run 6: Report of Sprout — Data Link



Run 7: Statistics of Sprout

Start at: Tue, 25 Jul 2017 00:57:28 +0000

End at: Tue, 25 Jul 2017 00:57:59 +0000

Local clock offset: 1.928 ms

Remote clock offset: -21.248 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:46:50 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.49 Mbit/s

95th percentile per-packet one-way delay: 39.904 ms

Loss rate: 0.13%

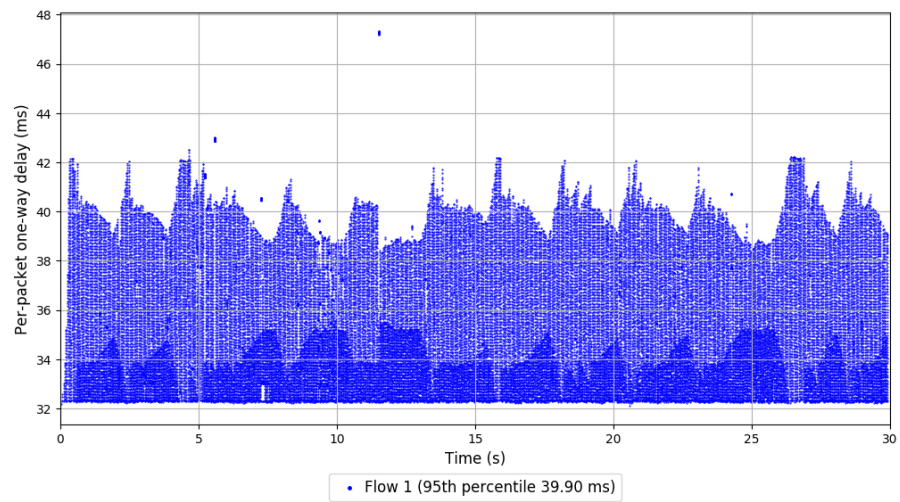
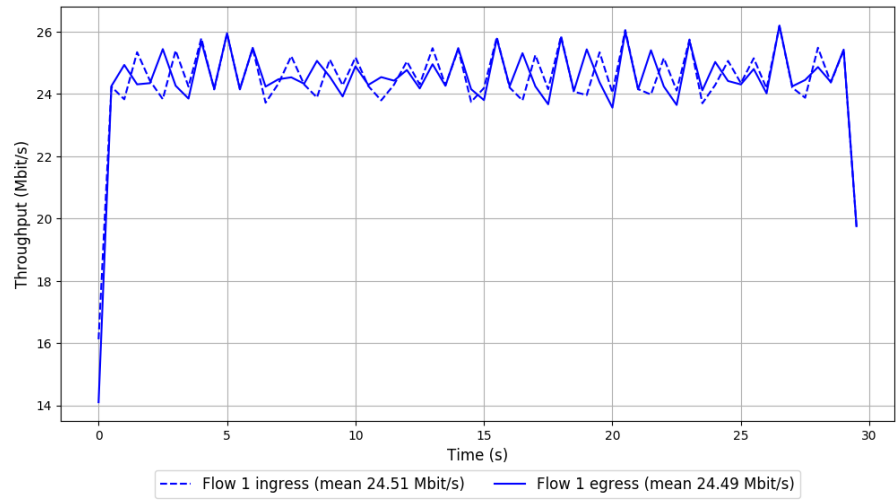
-- Flow 1:

Average throughput: 24.49 Mbit/s

95th percentile per-packet one-way delay: 39.904 ms

Loss rate: 0.13%

Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

Start at: Tue, 25 Jul 2017 01:15:37 +0000

End at: Tue, 25 Jul 2017 01:16:07 +0000

Local clock offset: 3.887 ms

Remote clock offset: -21.803 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:46:52 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.58 Mbit/s

95th percentile per-packet one-way delay: 41.755 ms

Loss rate: 0.11%

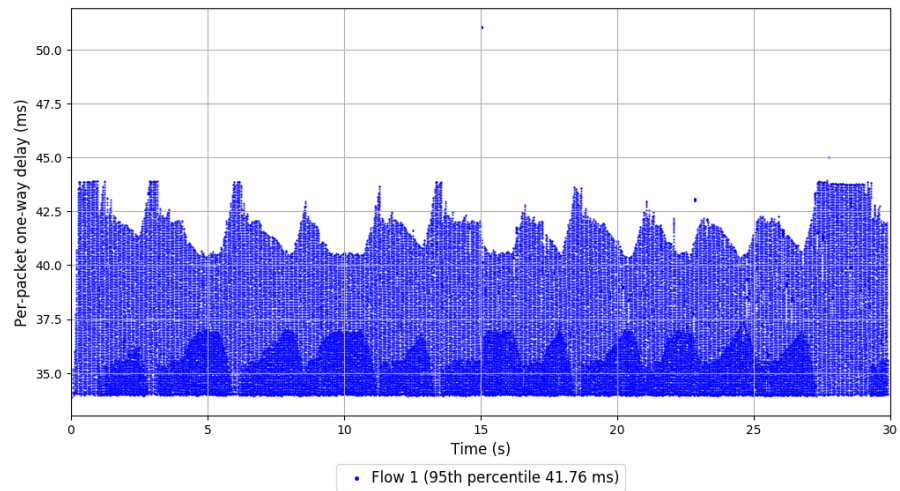
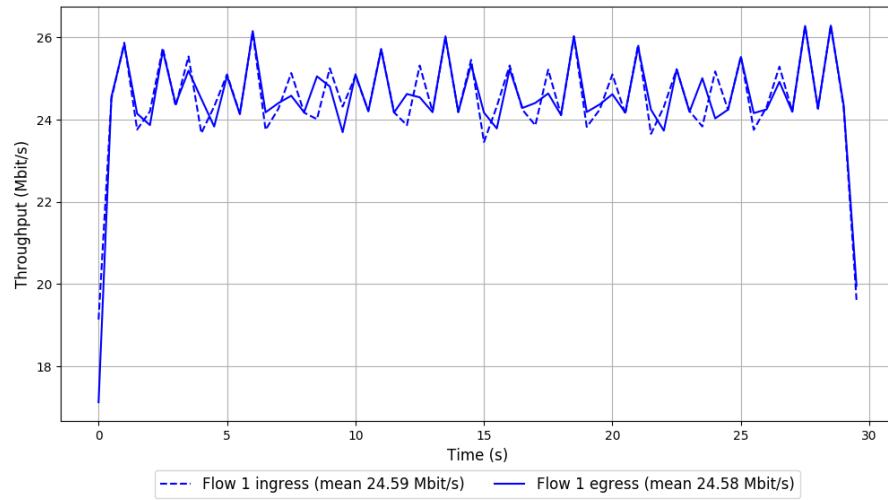
-- Flow 1:

Average throughput: 24.58 Mbit/s

95th percentile per-packet one-way delay: 41.755 ms

Loss rate: 0.11%

Run 8: Report of Sprout — Data Link



Run 9: Statistics of Sprout

Start at: Tue, 25 Jul 2017 01:33:45 +0000

End at: Tue, 25 Jul 2017 01:34:15 +0000

Local clock offset: 3.136 ms

Remote clock offset: -22.351 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:46:54 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.50 Mbit/s

95th percentile per-packet one-way delay: 40.778 ms

Loss rate: 0.14%

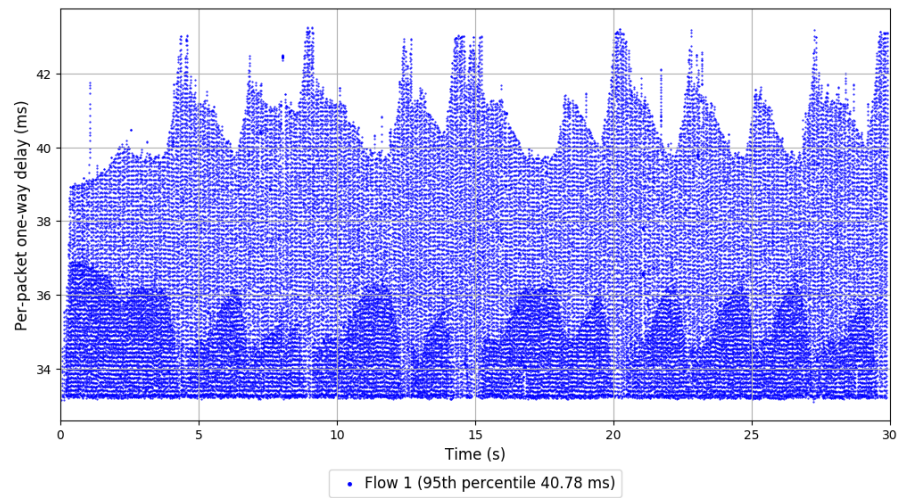
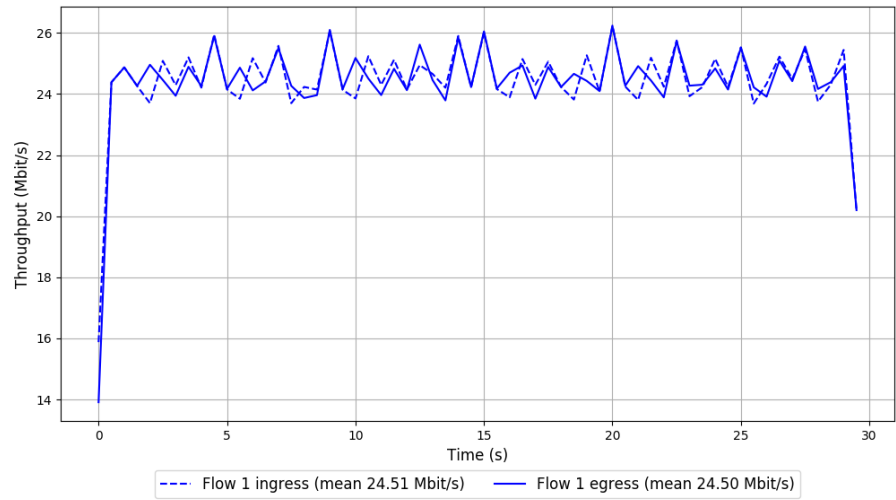
-- Flow 1:

Average throughput: 24.50 Mbit/s

95th percentile per-packet one-way delay: 40.778 ms

Loss rate: 0.14%

Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: Tue, 25 Jul 2017 01:51:25 +0000

End at: Tue, 25 Jul 2017 01:51:55 +0000

Local clock offset: 1.482 ms

Remote clock offset: -23.052 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:46:56 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.61 Mbit/s

95th percentile per-packet one-way delay: 39.273 ms

Loss rate: 0.13%

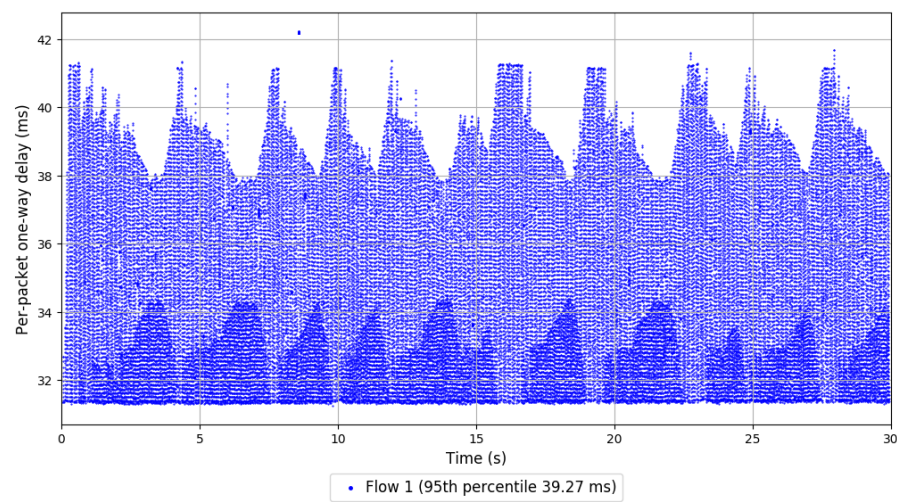
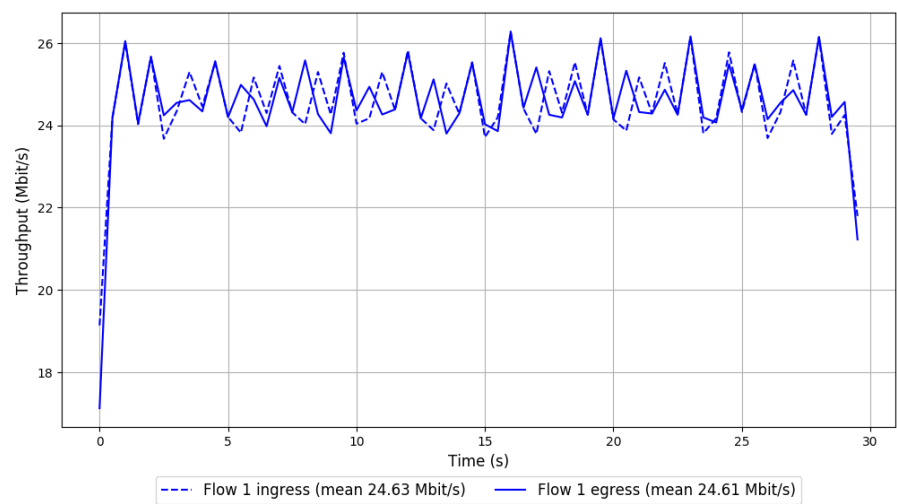
-- Flow 1:

Average throughput: 24.61 Mbit/s

95th percentile per-packet one-way delay: 39.273 ms

Loss rate: 0.13%

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: Mon, 24 Jul 2017 23:05:19 +0000

End at: Mon, 24 Jul 2017 23:05:49 +0000

Local clock offset: 1.443 ms

Remote clock offset: -22.641 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:47:16 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.44 Mbit/s

95th percentile per-packet one-way delay: 36.844 ms

Loss rate: 0.09%

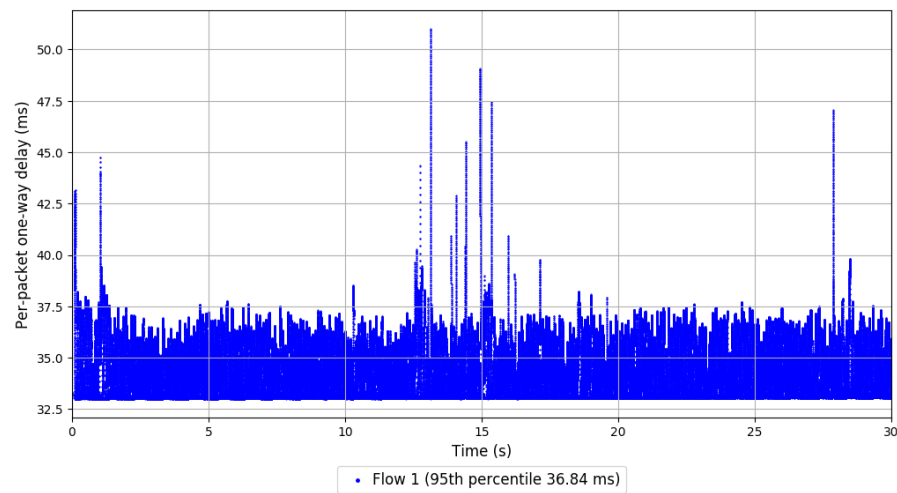
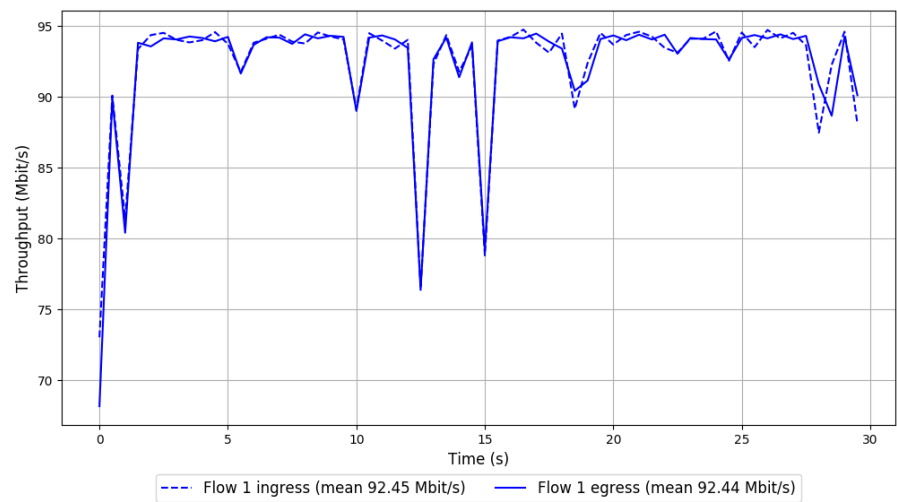
-- Flow 1:

Average throughput: 92.44 Mbit/s

95th percentile per-packet one-way delay: 36.844 ms

Loss rate: 0.09%

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



Run 2: Statistics of TaoVA-100x

Start at: Mon, 24 Jul 2017 23:23:08 +0000

End at: Mon, 24 Jul 2017 23:23:38 +0000

Local clock offset: 2.306 ms

Remote clock offset: -21.375 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:47:18 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.98 Mbit/s

95th percentile per-packet one-way delay: 36.926 ms

Loss rate: 0.10%

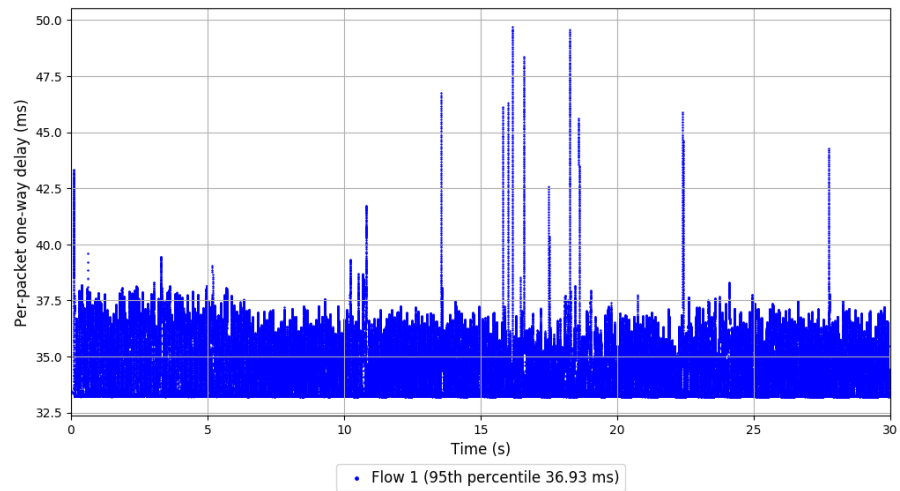
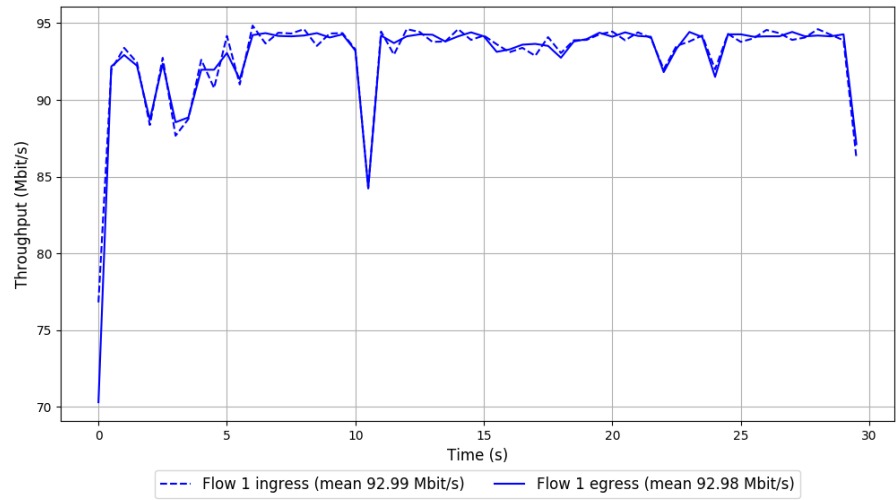
-- Flow 1:

Average throughput: 92.98 Mbit/s

95th percentile per-packet one-way delay: 36.926 ms

Loss rate: 0.10%

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



Run 3: Statistics of TaoVA-100x

Start at: Mon, 24 Jul 2017 23:40:51 +0000

End at: Mon, 24 Jul 2017 23:41:21 +0000

Local clock offset: 2.784 ms

Remote clock offset: -21.214 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:47:38 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.04 Mbit/s

95th percentile per-packet one-way delay: 36.744 ms

Loss rate: 0.08%

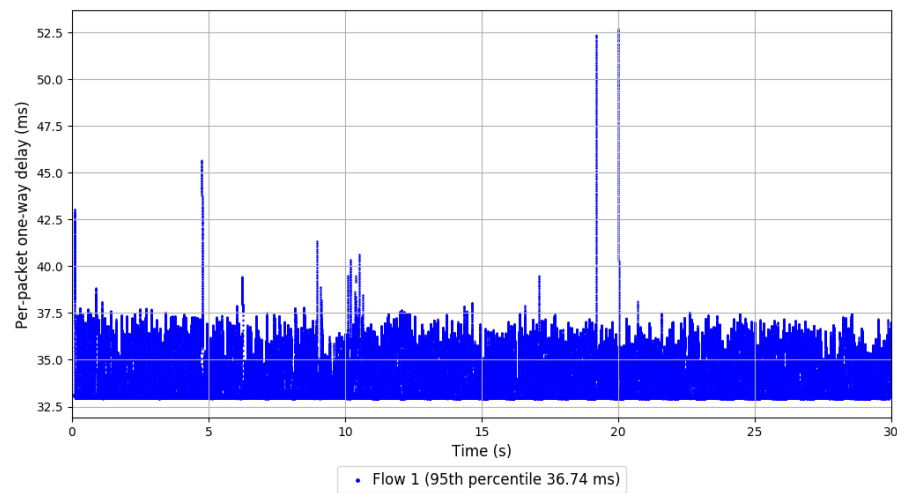
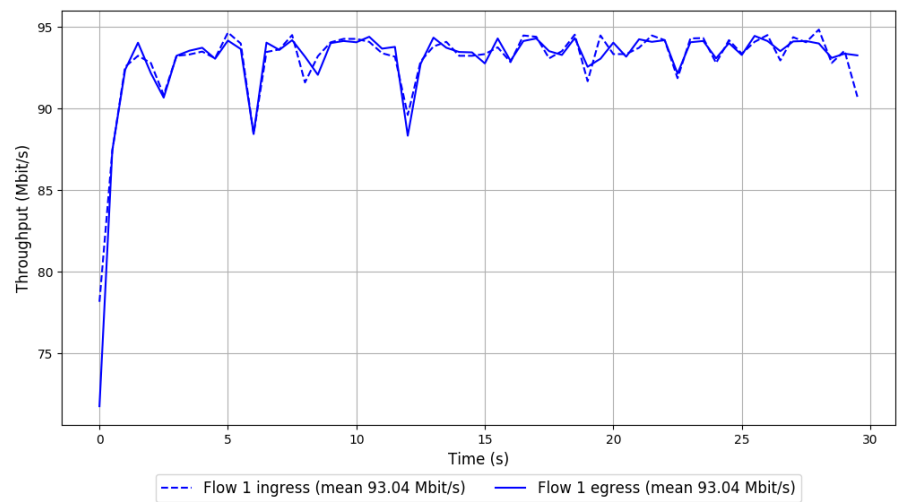
-- Flow 1:

Average throughput: 93.04 Mbit/s

95th percentile per-packet one-way delay: 36.744 ms

Loss rate: 0.08%

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



Run 4: Statistics of TaoVA-100x

Start at: Mon, 24 Jul 2017 23:58:42 +0000

End at: Mon, 24 Jul 2017 23:59:12 +0000

Local clock offset: 3.239 ms

Remote clock offset: -19.319 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:47:40 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.34 Mbit/s

95th percentile per-packet one-way delay: 36.444 ms

Loss rate: 0.09%

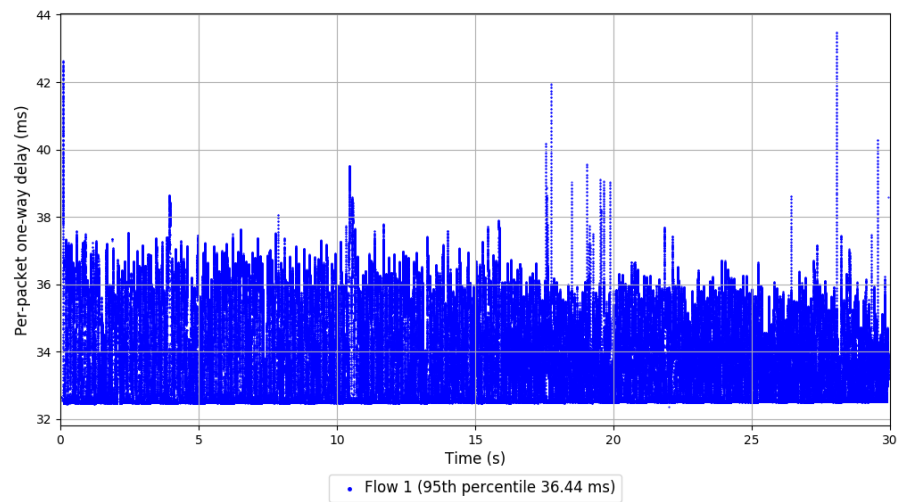
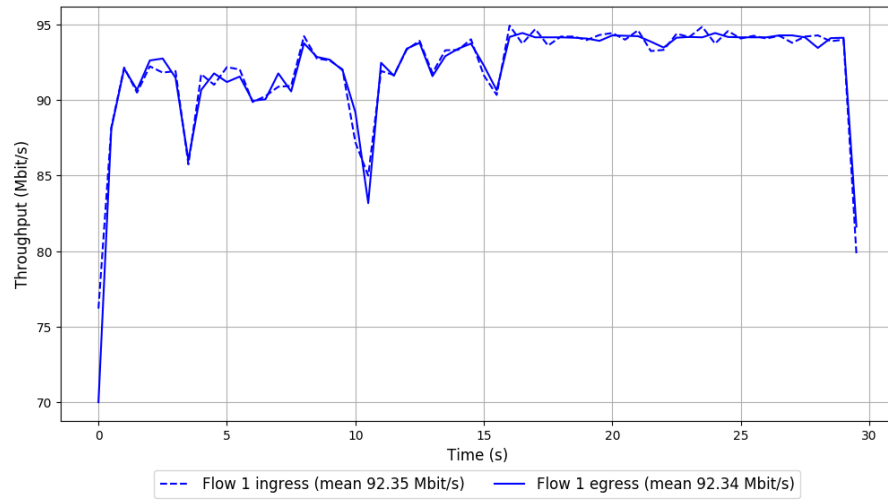
-- Flow 1:

Average throughput: 92.34 Mbit/s

95th percentile per-packet one-way delay: 36.444 ms

Loss rate: 0.09%

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



Run 5: Statistics of TaoVA-100x

Start at: Tue, 25 Jul 2017 00:16:49 +0000

End at: Tue, 25 Jul 2017 00:17:19 +0000

Local clock offset: 1.762 ms

Remote clock offset: -18.64 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:47:53 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.21 Mbit/s

95th percentile per-packet one-way delay: 35.453 ms

Loss rate: 0.00%

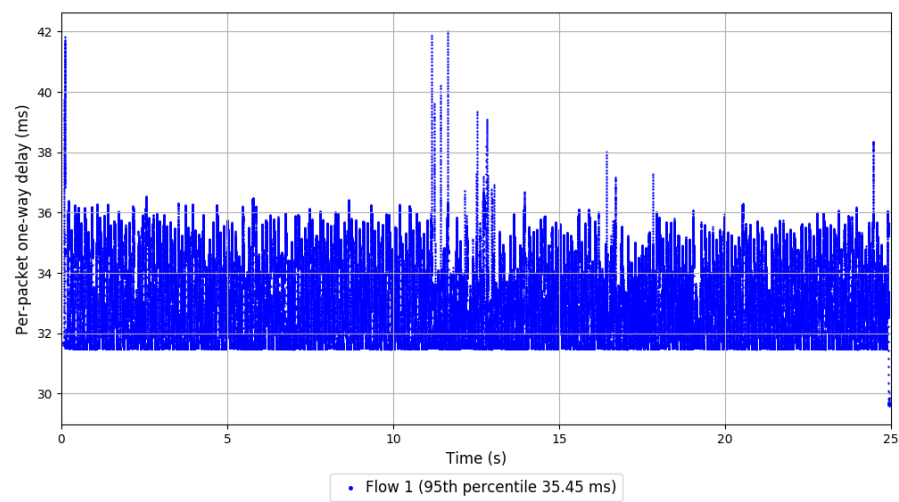
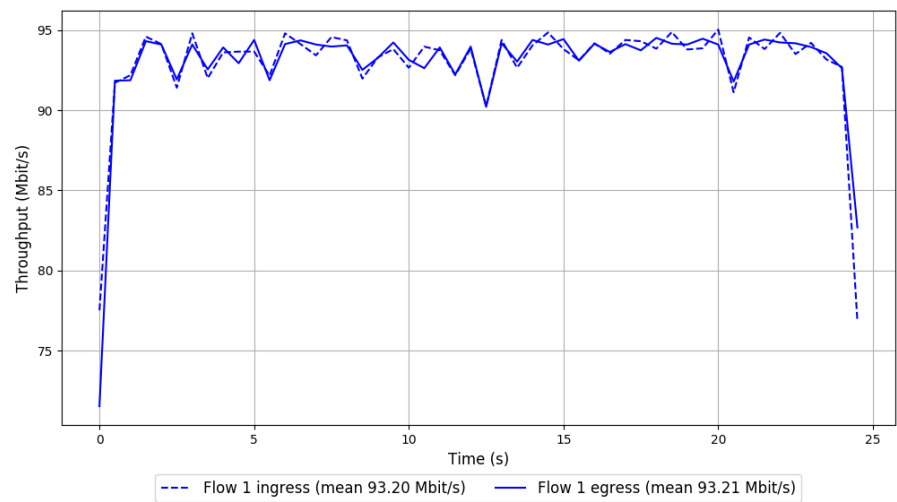
-- Flow 1:

Average throughput: 93.21 Mbit/s

95th percentile per-packet one-way delay: 35.453 ms

Loss rate: 0.00%

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



Run 6: Statistics of TaoVA-100x

Start at: Tue, 25 Jul 2017 00:34:35 +0000

End at: Tue, 25 Jul 2017 00:35:05 +0000

Local clock offset: -0.623 ms

Remote clock offset: -18.917 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:48:01 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.02 Mbit/s

95th percentile per-packet one-way delay: 31.990 ms

Loss rate: 0.06%

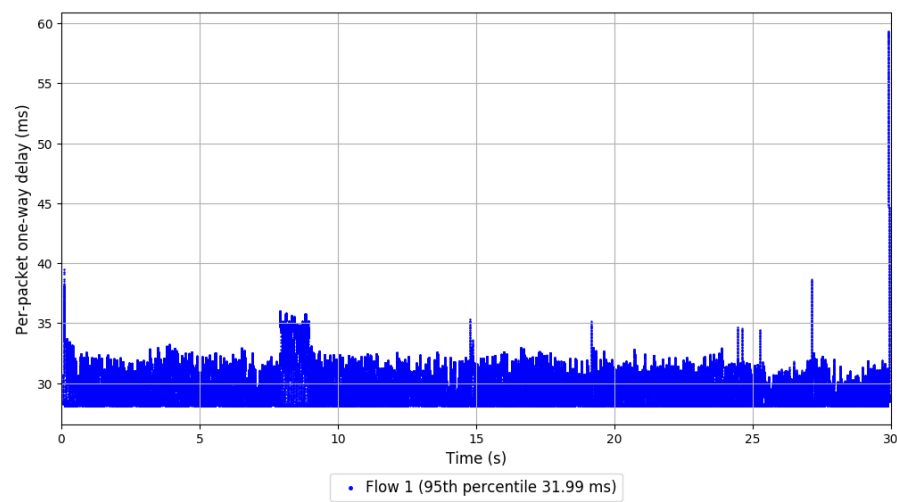
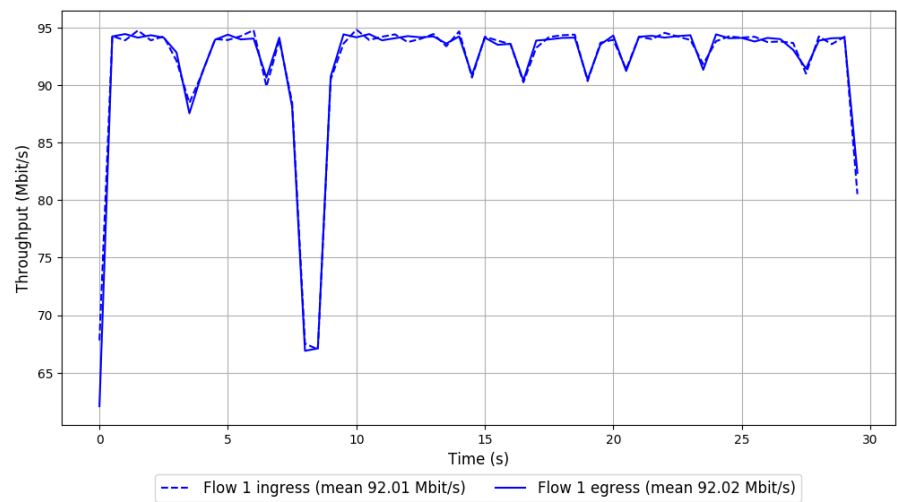
-- Flow 1:

Average throughput: 92.02 Mbit/s

95th percentile per-packet one-way delay: 31.990 ms

Loss rate: 0.06%

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



Run 7: Statistics of TaoVA-100x

Start at: Tue, 25 Jul 2017 00:52:28 +0000

End at: Tue, 25 Jul 2017 00:52:58 +0000

Local clock offset: 4.764 ms

Remote clock offset: -20.834 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:48:20 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.26 Mbit/s

95th percentile per-packet one-way delay: 38.386 ms

Loss rate: 0.09%

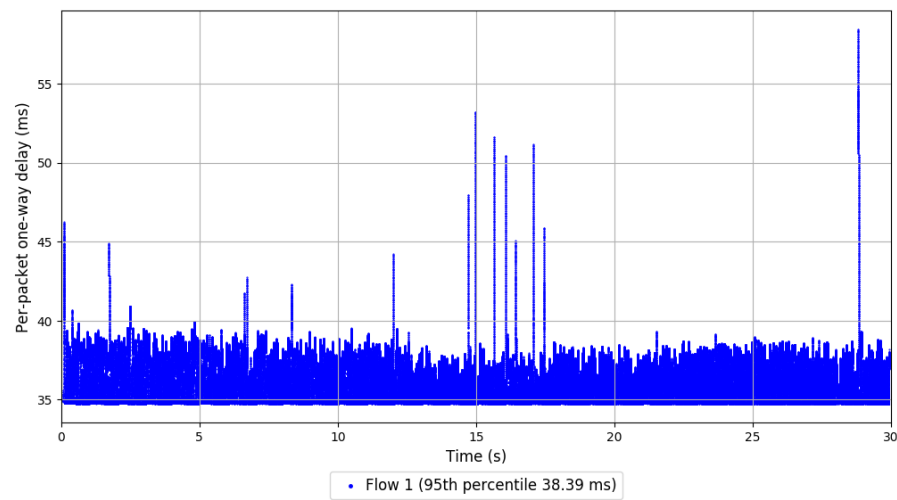
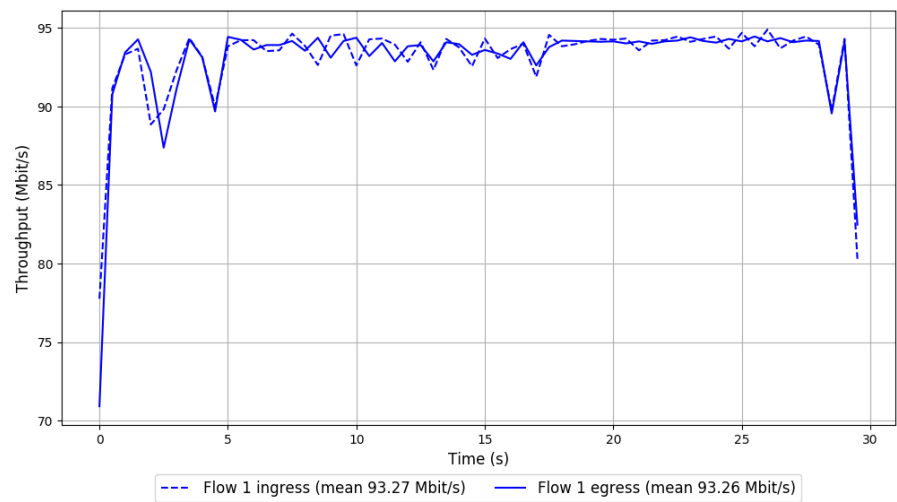
-- Flow 1:

Average throughput: 93.26 Mbit/s

95th percentile per-packet one-way delay: 38.386 ms

Loss rate: 0.09%

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



Run 8: Statistics of TaoVA-100x

Start at: Tue, 25 Jul 2017 01:10:41 +0000

End at: Tue, 25 Jul 2017 01:11:11 +0000

Local clock offset: -0.834 ms

Remote clock offset: -22.735 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:48:23 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.14 Mbit/s

95th percentile per-packet one-way delay: 34.017 ms

Loss rate: 0.10%

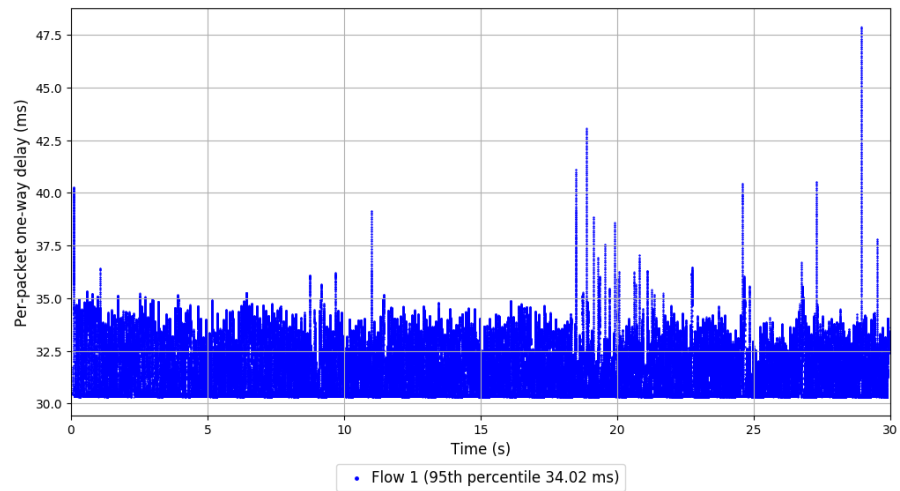
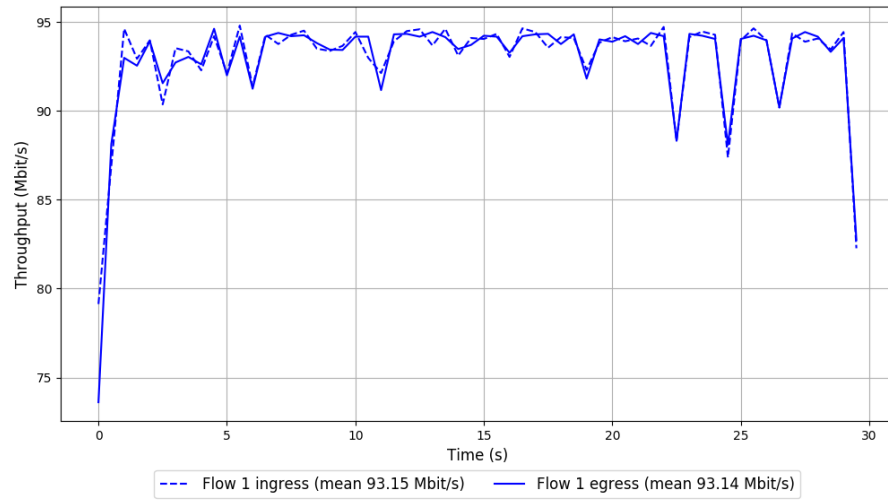
-- Flow 1:

Average throughput: 93.14 Mbit/s

95th percentile per-packet one-way delay: 34.017 ms

Loss rate: 0.10%

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



Run 9: Statistics of TaoVA-100x

Start at: Tue, 25 Jul 2017 01:28:43 +0000

End at: Tue, 25 Jul 2017 01:29:13 +0000

Local clock offset: 4.628 ms

Remote clock offset: -22.45 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:48:43 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.20 Mbit/s

95th percentile per-packet one-way delay: 38.855 ms

Loss rate: 0.09%

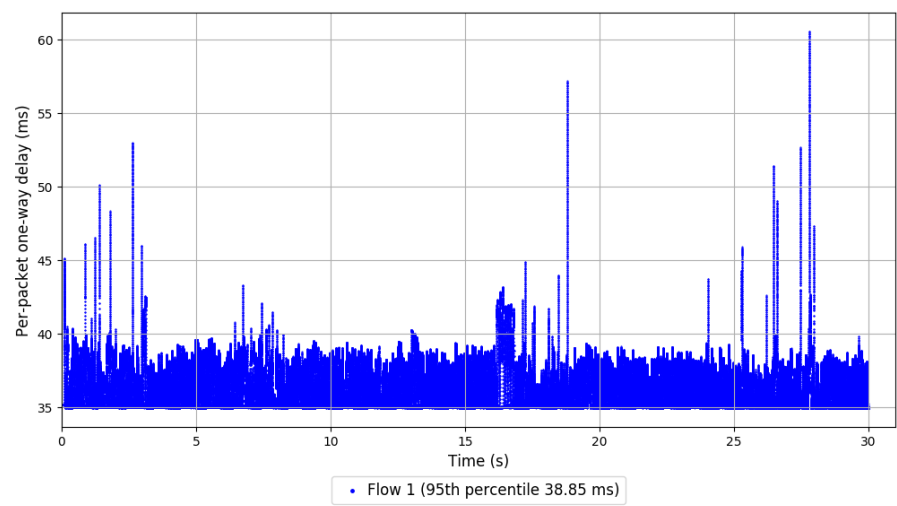
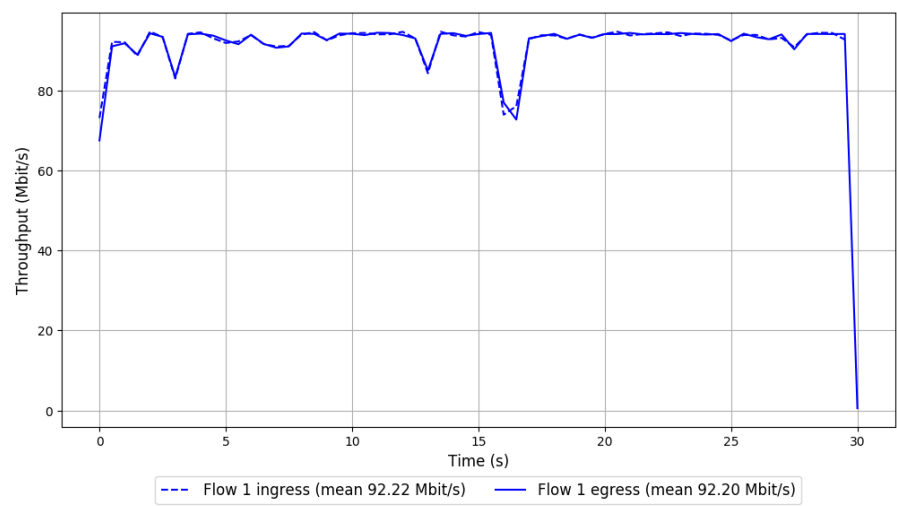
-- Flow 1:

Average throughput: 92.20 Mbit/s

95th percentile per-packet one-way delay: 38.855 ms

Loss rate: 0.09%

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



Run 10: Statistics of TaoVA-100x

Start at: Tue, 25 Jul 2017 01:46:34 +0000

End at: Tue, 25 Jul 2017 01:47:04 +0000

Local clock offset: 4.739 ms

Remote clock offset: -22.687 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:48:45 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.41 Mbit/s

95th percentile per-packet one-way delay: 36.923 ms

Loss rate: 0.12%

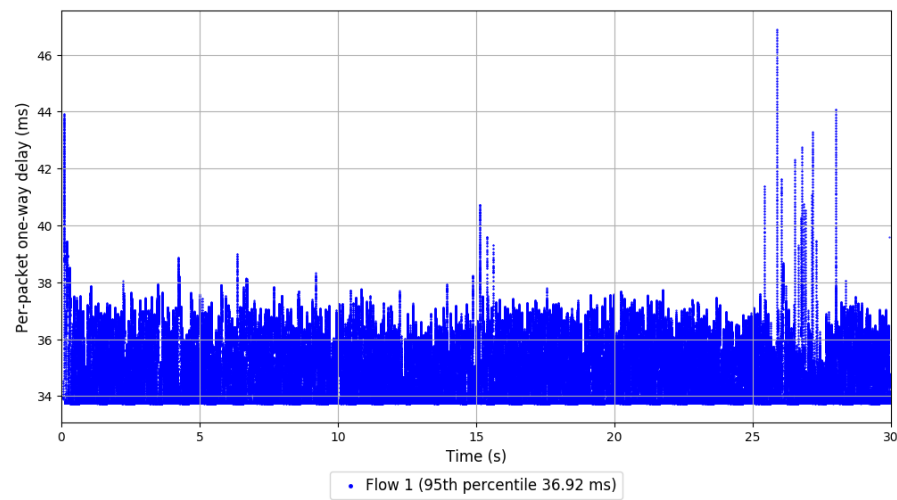
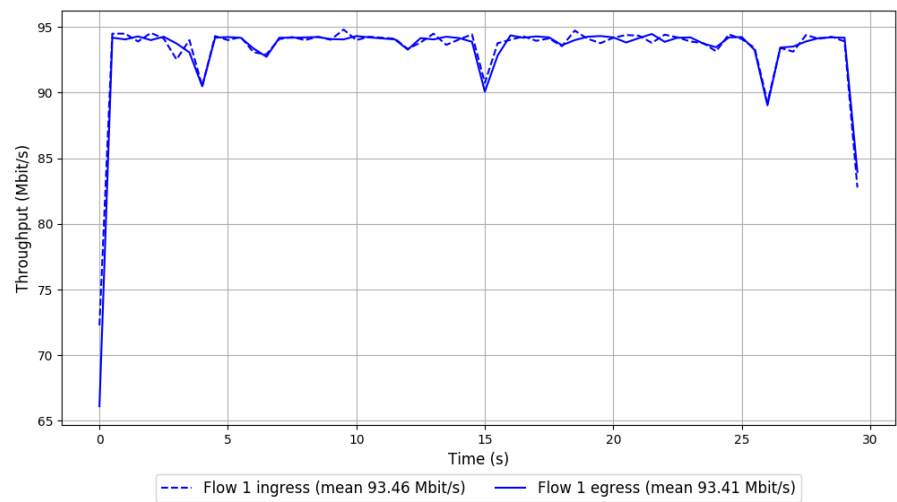
-- Flow 1:

Average throughput: 93.41 Mbit/s

95th percentile per-packet one-way delay: 36.923 ms

Loss rate: 0.12%

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



Run 1: Statistics of TCP Vegas

Start at: Mon, 24 Jul 2017 23:04:03 +0000

End at: Mon, 24 Jul 2017 23:04:33 +0000

Local clock offset: 1.673 ms

Remote clock offset: -21.965 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:48:53 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.89 Mbit/s

95th percentile per-packet one-way delay: 44.735 ms

Loss rate: 0.08%

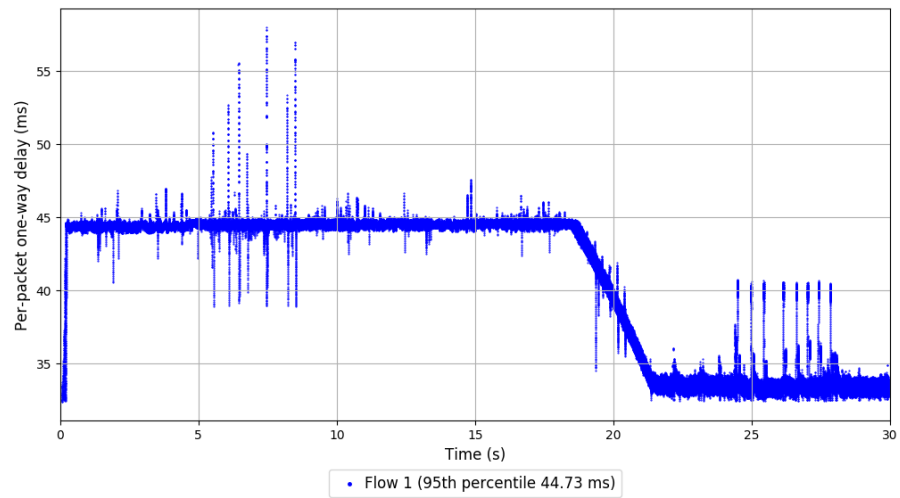
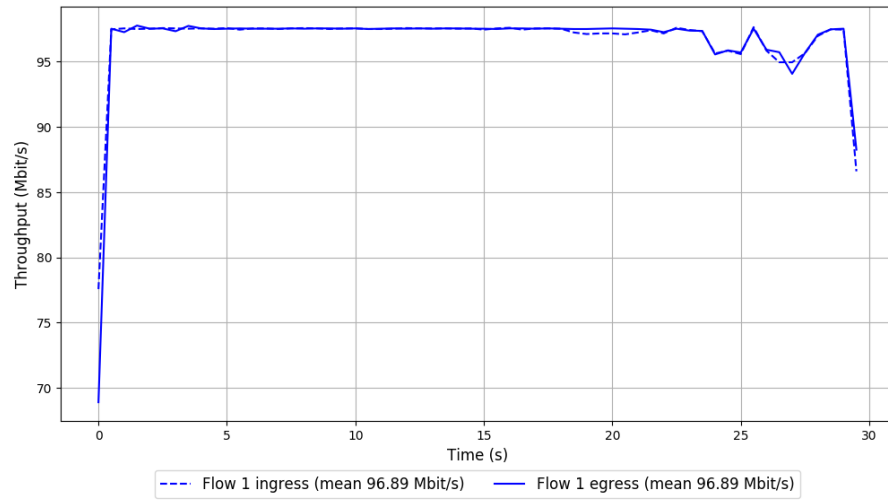
-- Flow 1:

Average throughput: 96.89 Mbit/s

95th percentile per-packet one-way delay: 44.735 ms

Loss rate: 0.08%

Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: Mon, 24 Jul 2017 23:21:54 +0000

End at: Mon, 24 Jul 2017 23:22:24 +0000

Local clock offset: 1.886 ms

Remote clock offset: -21.231 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:48:58 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.05 Mbit/s

95th percentile per-packet one-way delay: 44.958 ms

Loss rate: 0.09%

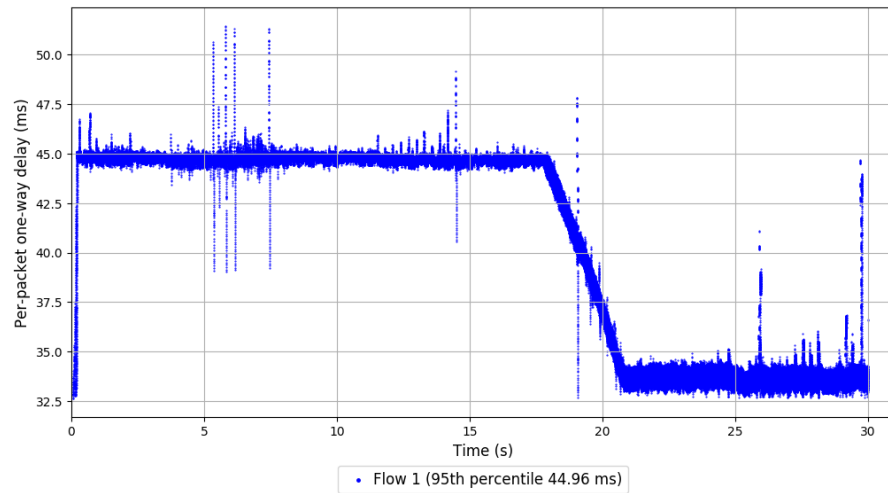
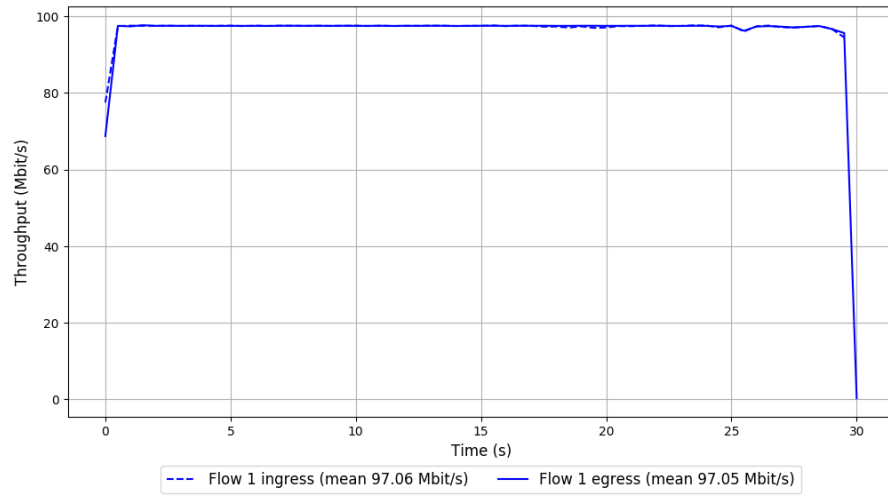
-- Flow 1:

Average throughput: 97.05 Mbit/s

95th percentile per-packet one-way delay: 44.958 ms

Loss rate: 0.09%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: Mon, 24 Jul 2017 23:39:41 +0000

End at: Mon, 24 Jul 2017 23:40:11 +0000

Local clock offset: 4.25 ms

Remote clock offset: -22.561 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:49:06 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.48 Mbit/s

95th percentile per-packet one-way delay: 47.876 ms

Loss rate: 0.10%

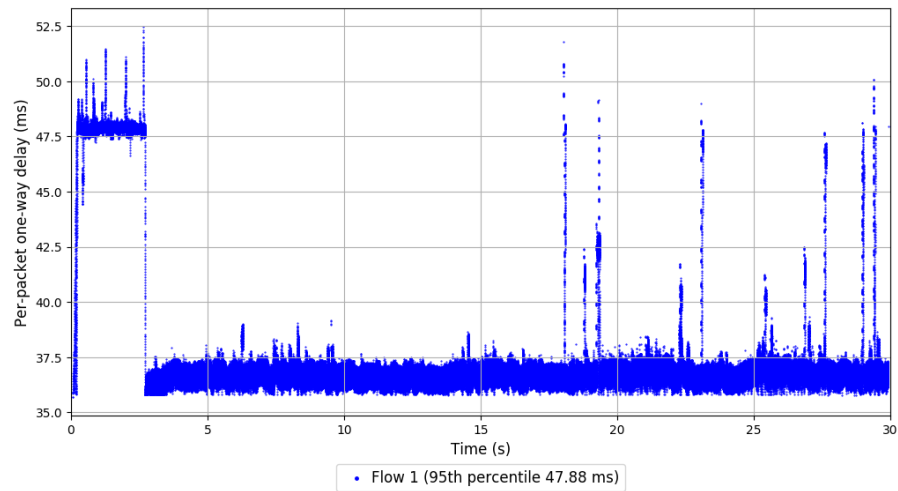
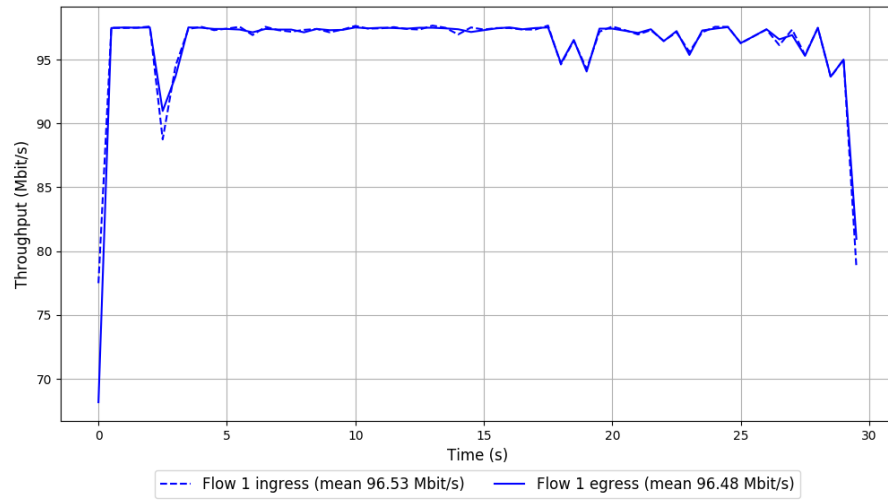
-- Flow 1:

Average throughput: 96.48 Mbit/s

95th percentile per-packet one-way delay: 47.876 ms

Loss rate: 0.10%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: Mon, 24 Jul 2017 23:57:29 +0000

End at: Mon, 24 Jul 2017 23:57:59 +0000

Local clock offset: 5.121 ms

Remote clock offset: -19.942 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:49:11 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.69 Mbit/s

95th percentile per-packet one-way delay: 43.901 ms

Loss rate: 0.08%

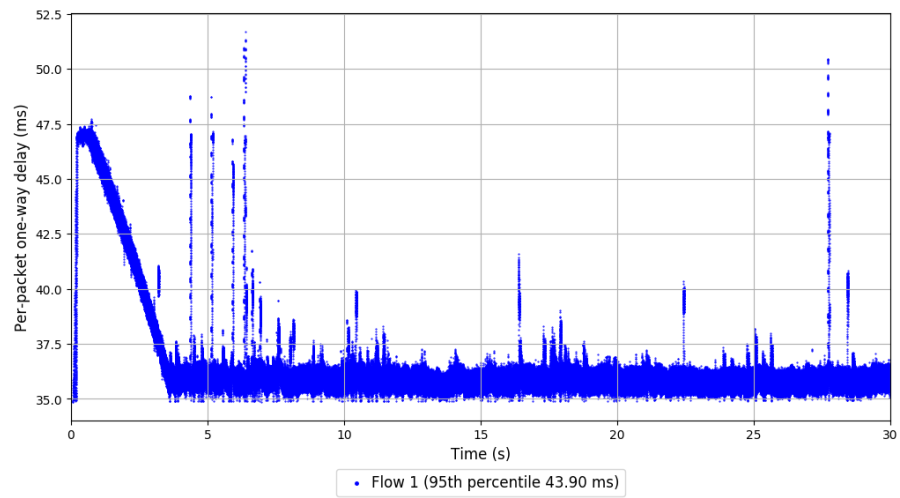
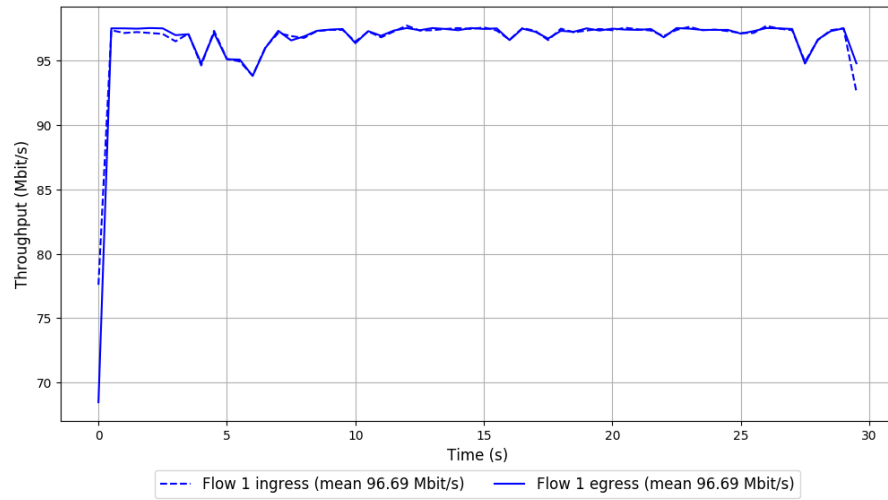
-- Flow 1:

Average throughput: 96.69 Mbit/s

95th percentile per-packet one-way delay: 43.901 ms

Loss rate: 0.08%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: Tue, 25 Jul 2017 00:15:37 +0000

End at: Tue, 25 Jul 2017 00:16:07 +0000

Local clock offset: -0.388 ms

Remote clock offset: -18.086 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:49:17 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.51 Mbit/s

95th percentile per-packet one-way delay: 40.145 ms

Loss rate: 0.09%

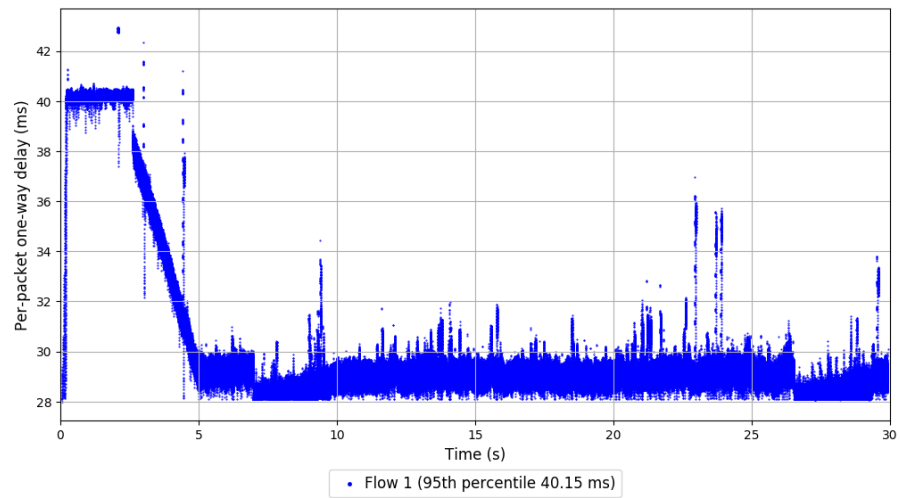
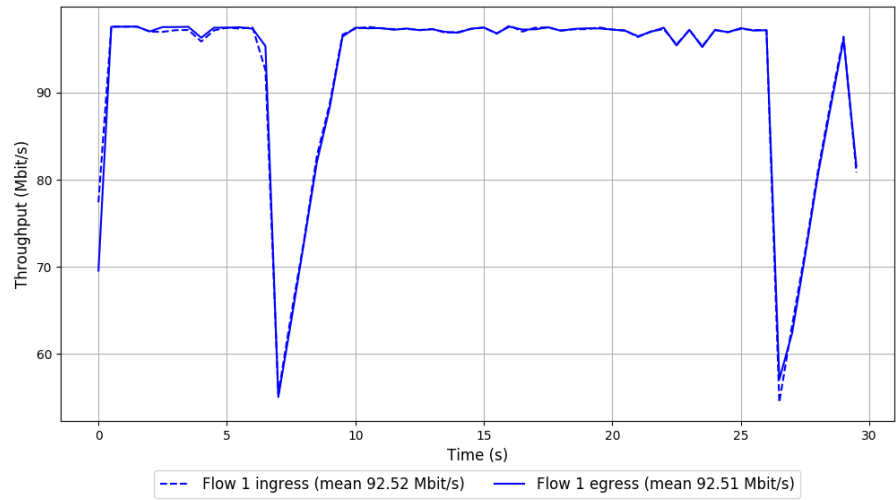
-- Flow 1:

Average throughput: 92.51 Mbit/s

95th percentile per-packet one-way delay: 40.145 ms

Loss rate: 0.09%

Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: Tue, 25 Jul 2017 00:33:22 +0000

End at: Tue, 25 Jul 2017 00:33:52 +0000

Local clock offset: 4.802 ms

Remote clock offset: -19.7 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:49:23 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.64 Mbit/s

95th percentile per-packet one-way delay: 46.561 ms

Loss rate: 0.09%

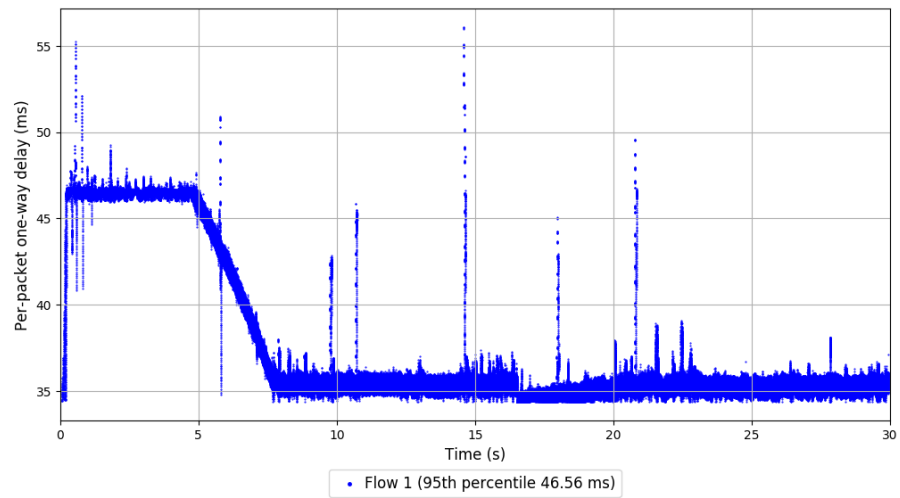
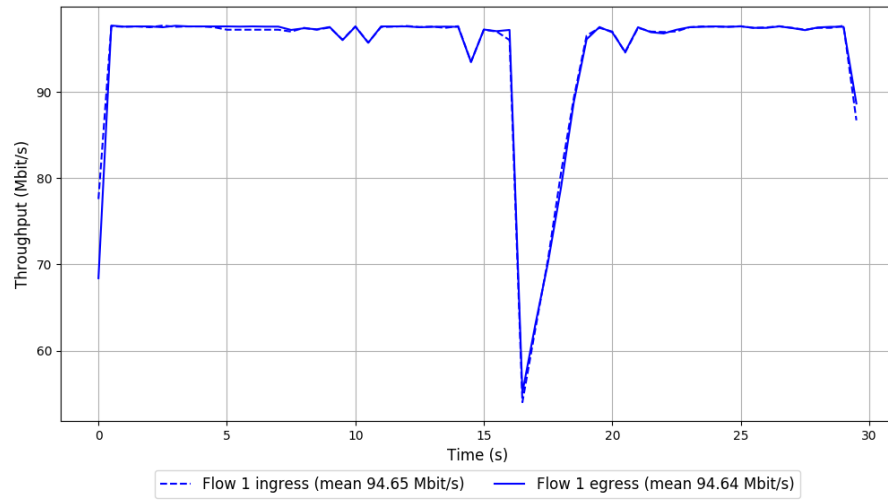
-- Flow 1:

Average throughput: 94.64 Mbit/s

95th percentile per-packet one-way delay: 46.561 ms

Loss rate: 0.09%

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: Tue, 25 Jul 2017 00:51:15 +0000

End at: Tue, 25 Jul 2017 00:51:45 +0000

Local clock offset: 2.779 ms

Remote clock offset: -20.1 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:49:31 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.96 Mbit/s

95th percentile per-packet one-way delay: 44.324 ms

Loss rate: 0.09%

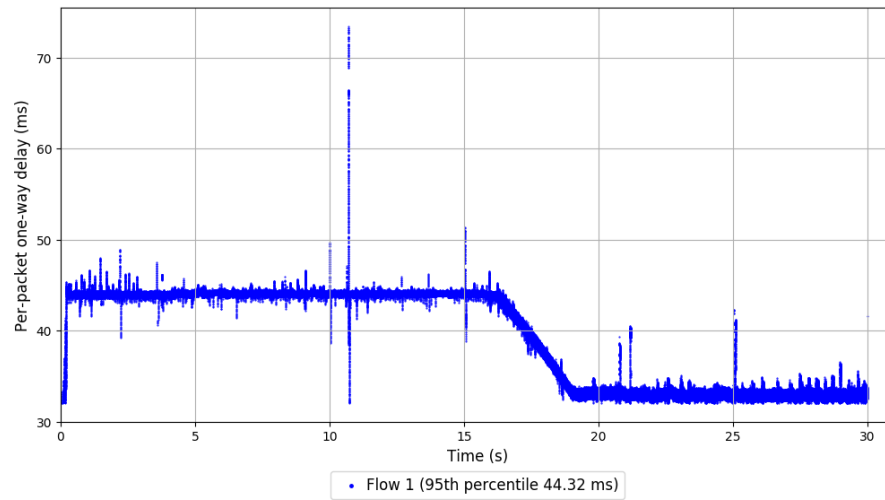
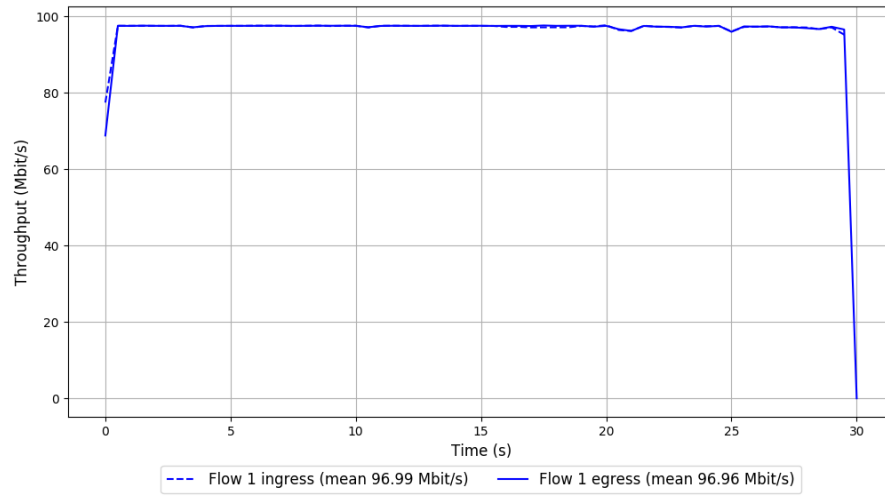
-- Flow 1:

Average throughput: 96.96 Mbit/s

95th percentile per-packet one-way delay: 44.324 ms

Loss rate: 0.09%

Run 7: Report of TCP Vegas — Data Link



Run 8: Statistics of TCP Vegas

Start at: Tue, 25 Jul 2017 01:09:29 +0000

End at: Tue, 25 Jul 2017 01:09:59 +0000

Local clock offset: 3.466 ms

Remote clock offset: -21.334 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:49:36 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.95 Mbit/s

95th percentile per-packet one-way delay: 45.527 ms

Loss rate: 0.08%

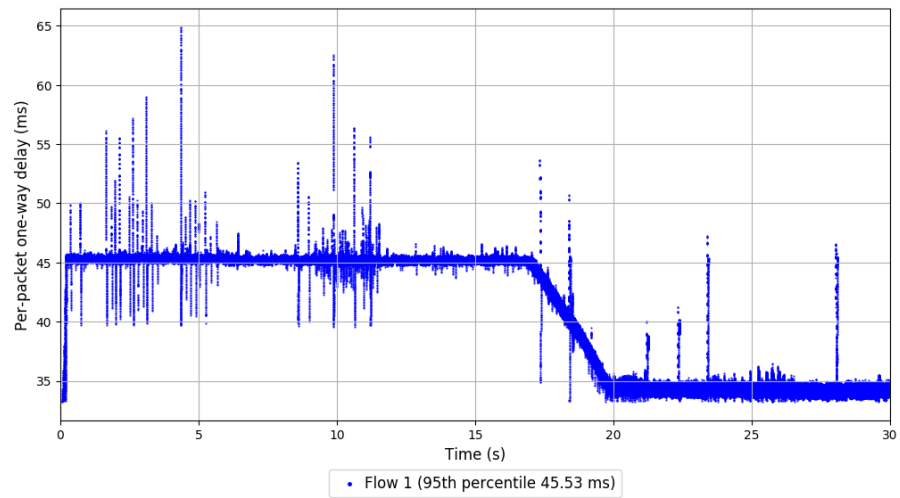
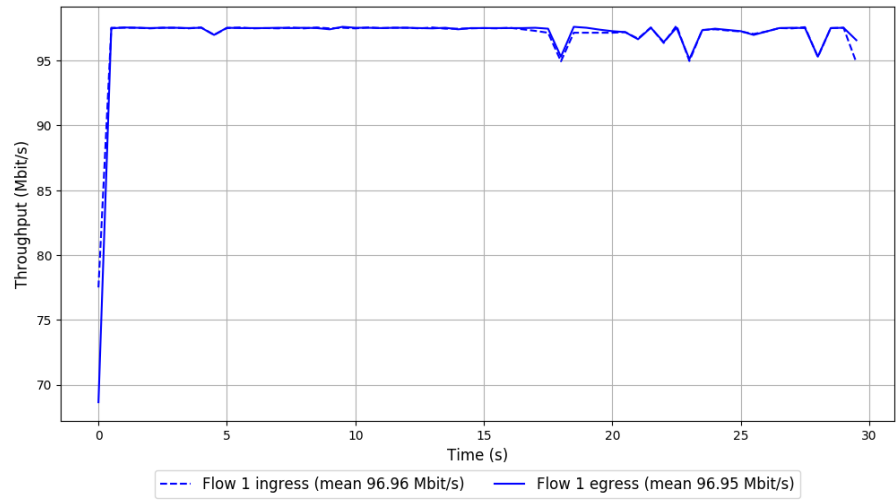
-- Flow 1:

Average throughput: 96.95 Mbit/s

95th percentile per-packet one-way delay: 45.527 ms

Loss rate: 0.08%

Run 8: Report of TCP Vegas — Data Link



Run 9: Statistics of TCP Vegas

Start at: Tue, 25 Jul 2017 01:27:29 +0000

End at: Tue, 25 Jul 2017 01:27:59 +0000

Local clock offset: 1.33 ms

Remote clock offset: -21.846 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:49:43 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.76 Mbit/s

95th percentile per-packet one-way delay: 43.287 ms

Loss rate: 0.09%

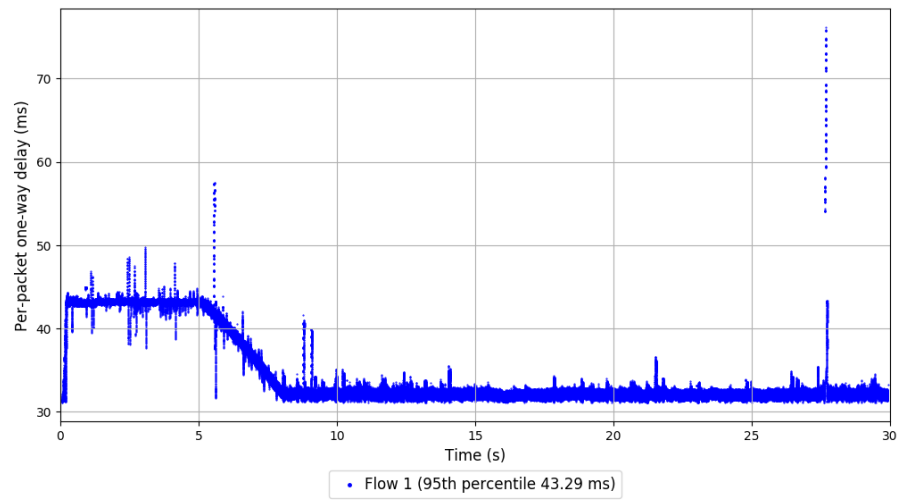
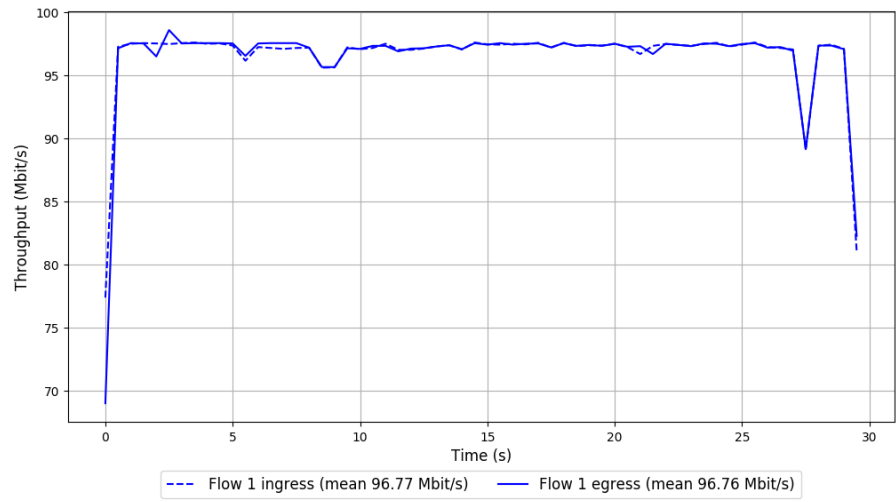
-- Flow 1:

Average throughput: 96.76 Mbit/s

95th percentile per-packet one-way delay: 43.287 ms

Loss rate: 0.09%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: Tue, 25 Jul 2017 01:45:21 +0000

End at: Tue, 25 Jul 2017 01:45:51 +0000

Local clock offset: 3.354 ms

Remote clock offset: -22.981 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:49:49 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.70 Mbit/s

95th percentile per-packet one-way delay: 44.797 ms

Loss rate: 0.08%

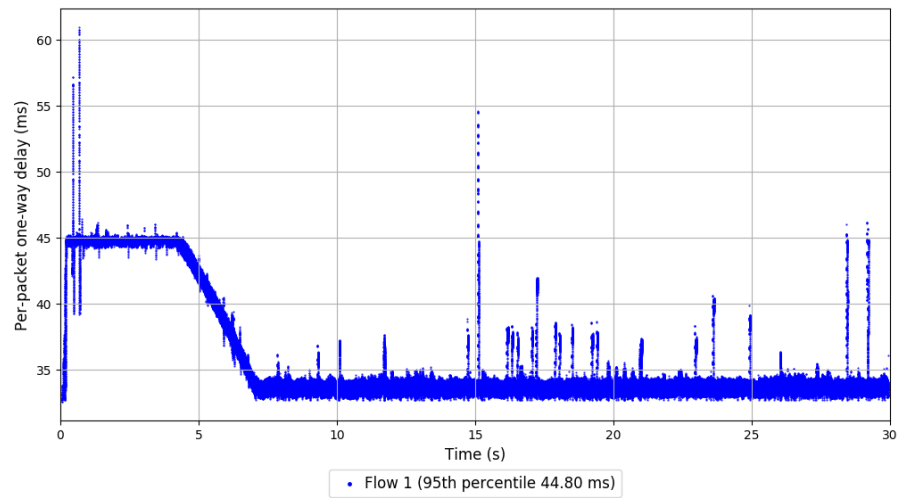
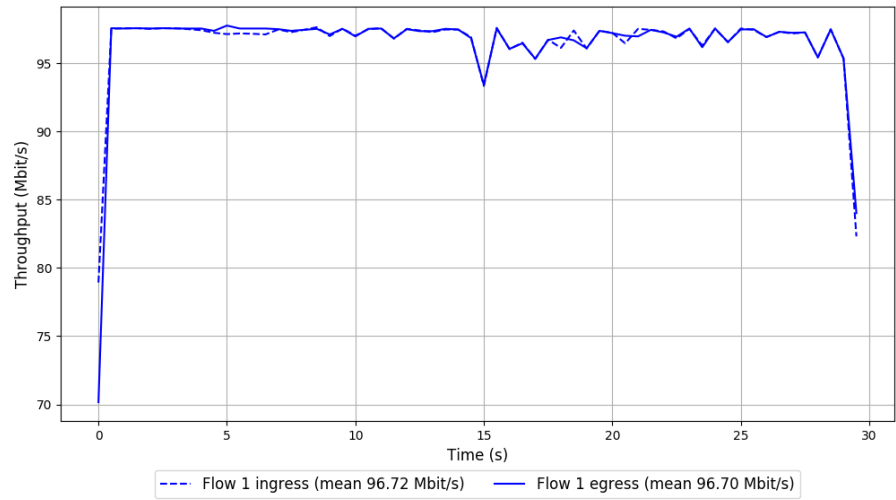
-- Flow 1:

Average throughput: 96.70 Mbit/s

95th percentile per-packet one-way delay: 44.797 ms

Loss rate: 0.08%

Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: Mon, 24 Jul 2017 23:07:45 +0000

End at: Mon, 24 Jul 2017 23:08:15 +0000

Local clock offset: 4.959 ms

Remote clock offset: -21.264 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:49:56 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.33 Mbit/s

95th percentile per-packet one-way delay: 47.458 ms

Loss rate: 0.12%

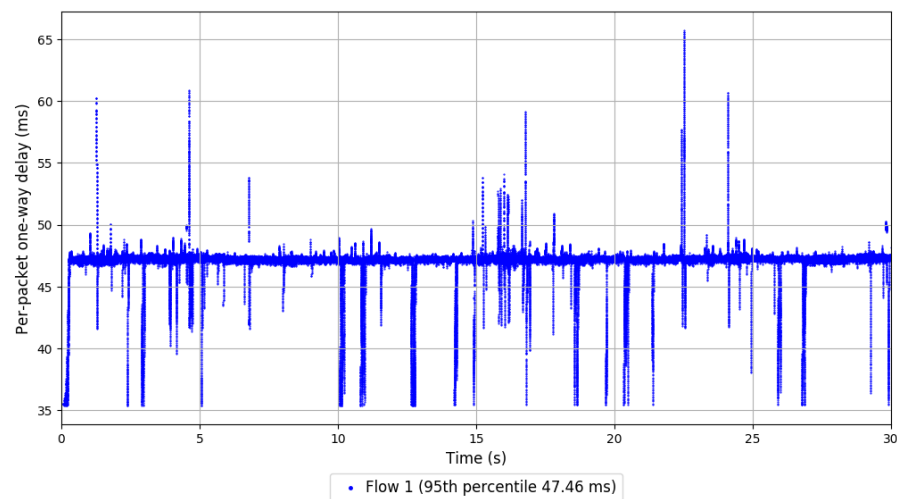
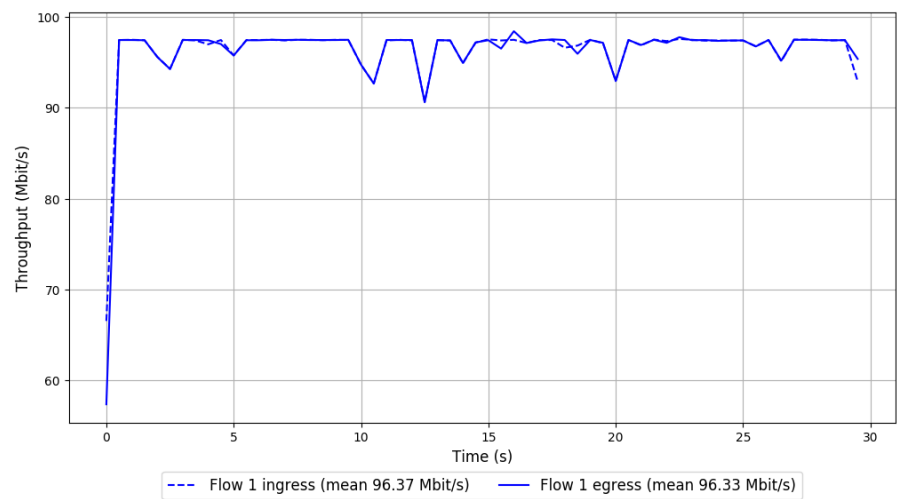
-- Flow 1:

Average throughput: 96.33 Mbit/s

95th percentile per-packet one-way delay: 47.458 ms

Loss rate: 0.12%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: Mon, 24 Jul 2017 23:25:32 +0000

End at: Mon, 24 Jul 2017 23:26:02 +0000

Local clock offset: 0.729 ms

Remote clock offset: -21.844 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:50:01 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.86 Mbit/s

95th percentile per-packet one-way delay: 44.104 ms

Loss rate: 0.13%

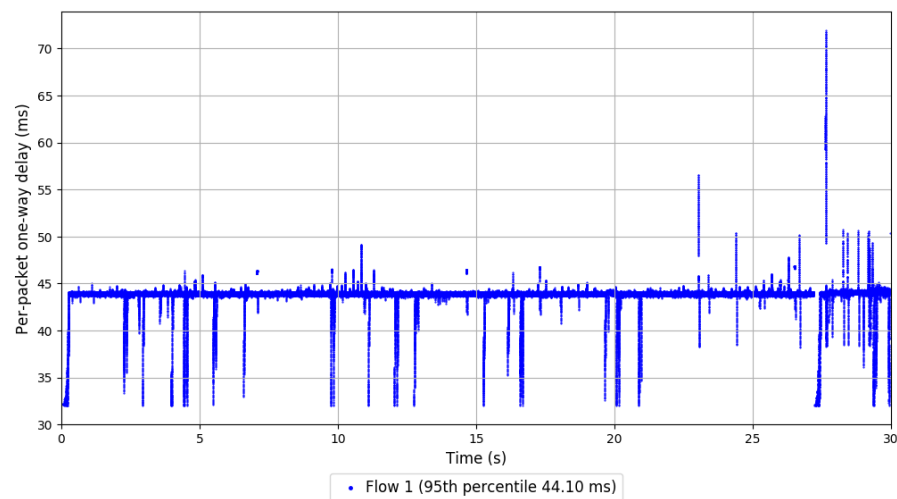
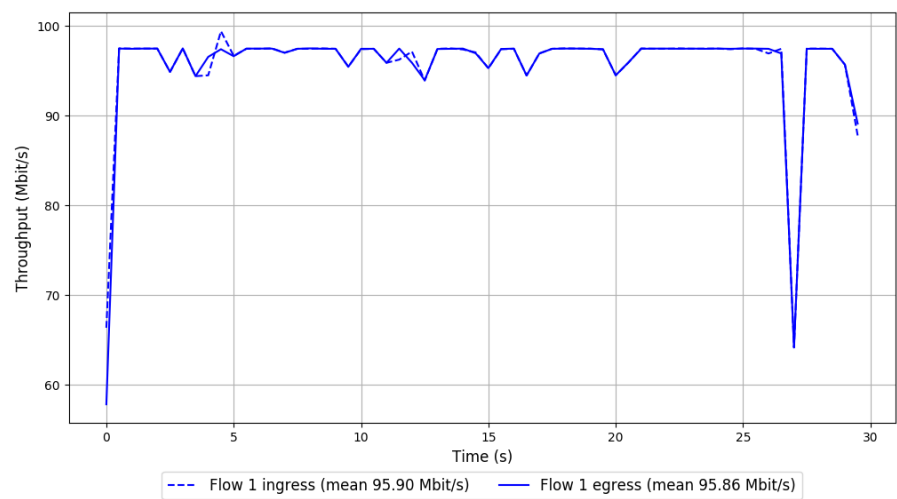
-- Flow 1:

Average throughput: 95.86 Mbit/s

95th percentile per-packet one-way delay: 44.104 ms

Loss rate: 0.13%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: Mon, 24 Jul 2017 23:43:22 +0000

End at: Mon, 24 Jul 2017 23:43:52 +0000

Local clock offset: 4.545 ms

Remote clock offset: -21.702 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:50:09 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.38 Mbit/s

95th percentile per-packet one-way delay: 47.157 ms

Loss rate: 0.13%

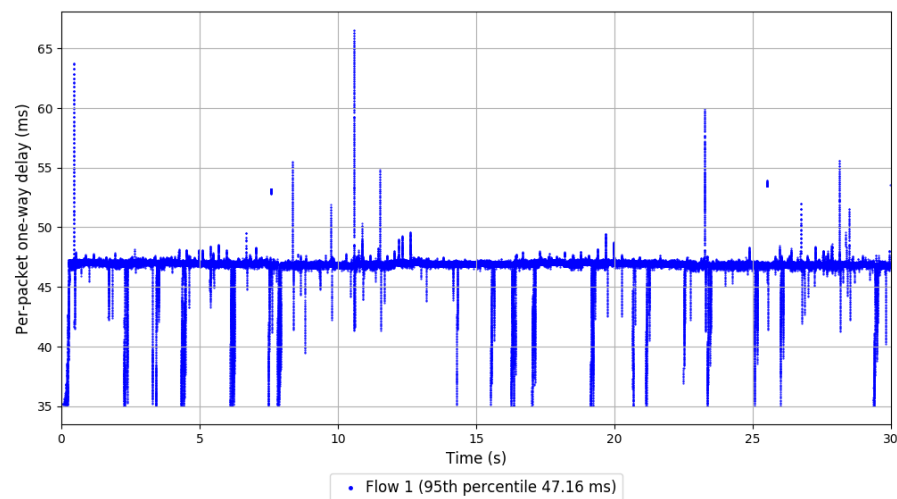
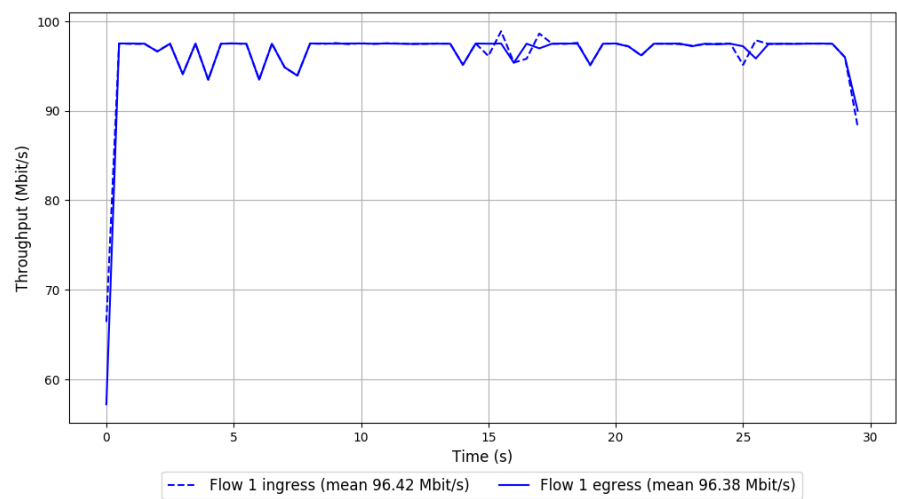
-- Flow 1:

Average throughput: 96.38 Mbit/s

95th percentile per-packet one-way delay: 47.157 ms

Loss rate: 0.13%

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: Tue, 25 Jul 2017 00:01:08 +0000

End at: Tue, 25 Jul 2017 00:01:38 +0000

Local clock offset: -0.461 ms

Remote clock offset: -18.919 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:50:14 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.81 Mbit/s

95th percentile per-packet one-way delay: 47.722 ms

Loss rate: 0.15%

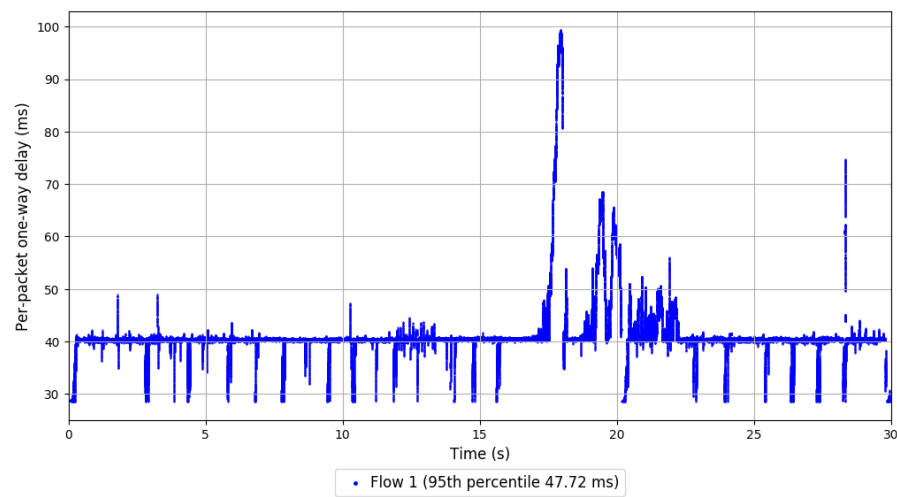
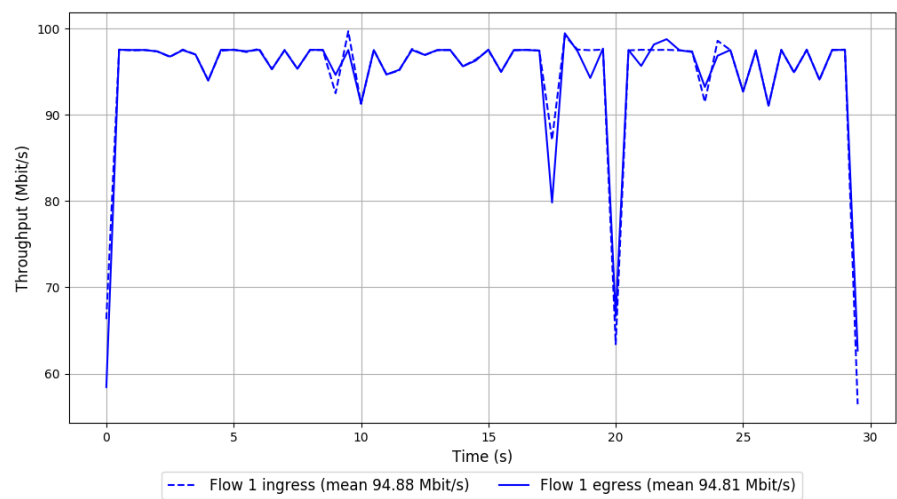
-- Flow 1:

Average throughput: 94.81 Mbit/s

95th percentile per-packet one-way delay: 47.722 ms

Loss rate: 0.15%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: Tue, 25 Jul 2017 00:19:14 +0000

End at: Tue, 25 Jul 2017 00:19:45 +0000

Local clock offset: 5.318 ms

Remote clock offset: -18.46 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:50:26 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.34 Mbit/s

95th percentile per-packet one-way delay: 45.179 ms

Loss rate: 0.12%

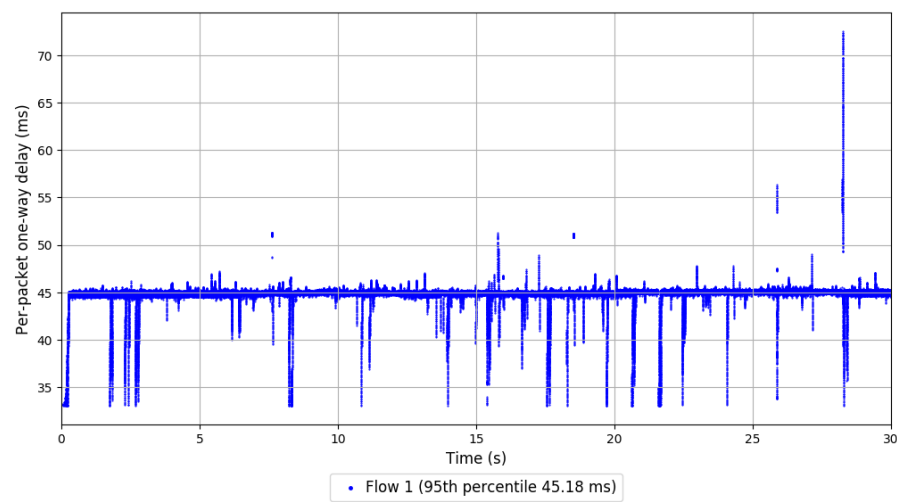
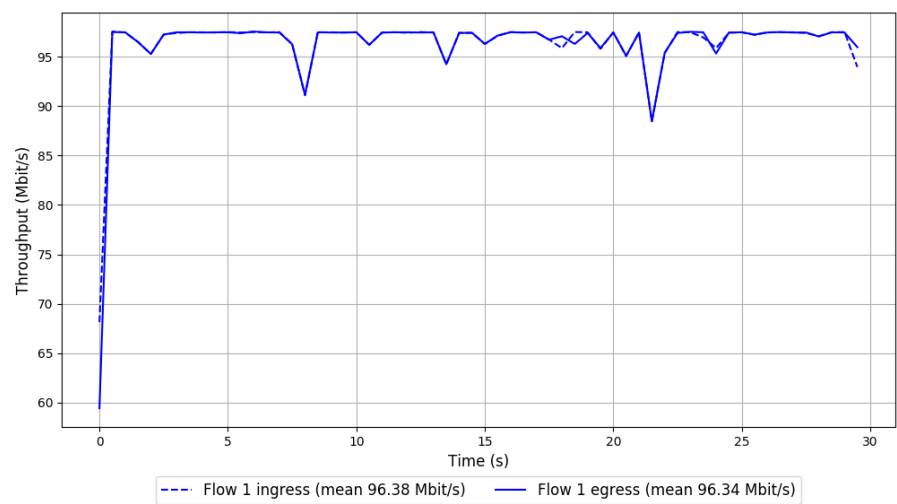
-- Flow 1:

Average throughput: 96.34 Mbit/s

95th percentile per-packet one-way delay: 45.179 ms

Loss rate: 0.12%

Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: Tue, 25 Jul 2017 00:37:02 +0000

End at: Tue, 25 Jul 2017 00:37:32 +0000

Local clock offset: 1.608 ms

Remote clock offset: -21.647 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:50:26 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.93 Mbit/s

95th percentile per-packet one-way delay: 45.199 ms

Loss rate: 0.18%

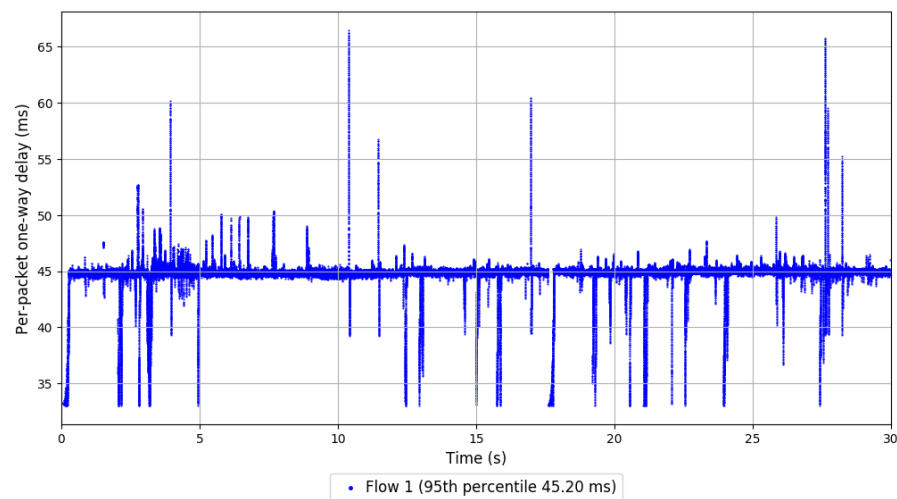
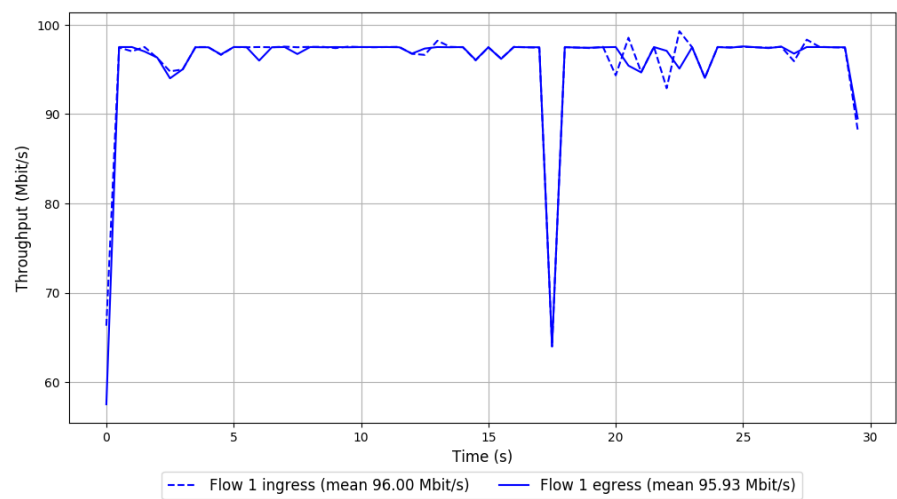
-- Flow 1:

Average throughput: 95.93 Mbit/s

95th percentile per-packet one-way delay: 45.199 ms

Loss rate: 0.18%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: Tue, 25 Jul 2017 00:54:58 +0000

End at: Tue, 25 Jul 2017 00:55:28 +0000

Local clock offset: 1.802 ms

Remote clock offset: -21.442 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:50:38 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.06 Mbit/s

95th percentile per-packet one-way delay: 44.397 ms

Loss rate: 0.13%

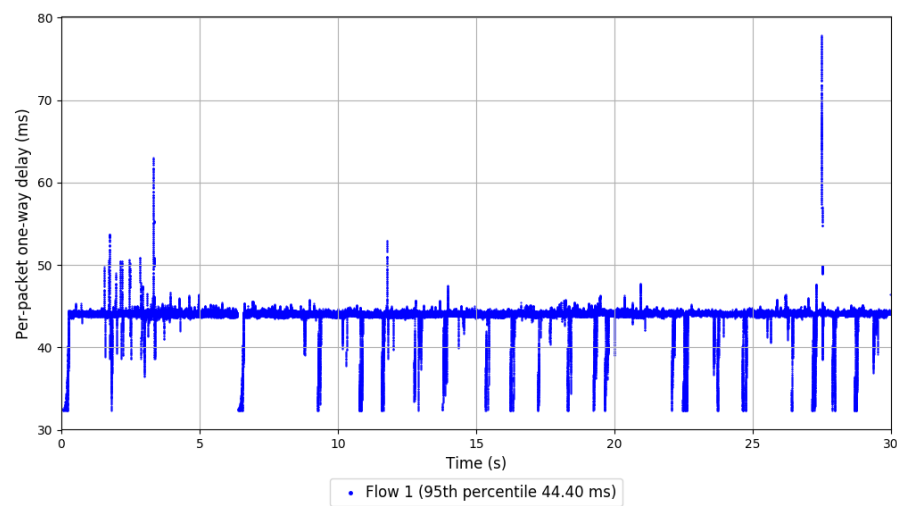
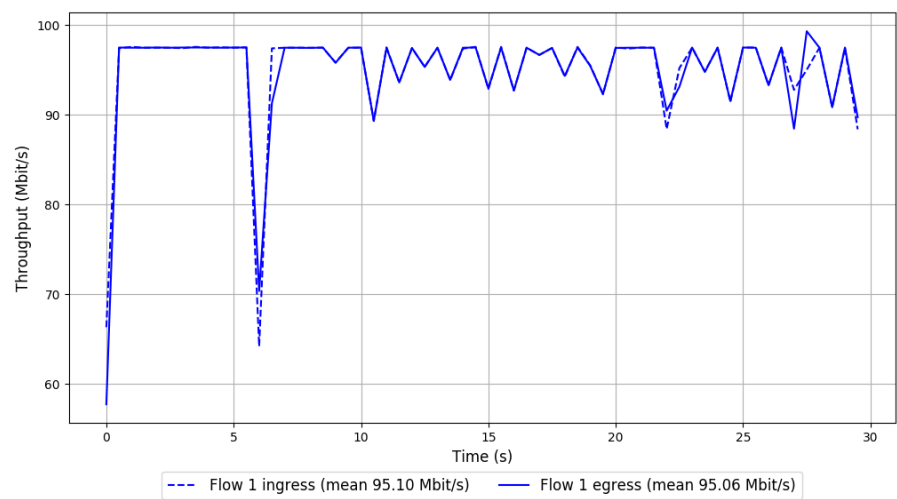
-- Flow 1:

Average throughput: 95.06 Mbit/s

95th percentile per-packet one-way delay: 44.397 ms

Loss rate: 0.13%

Run 7: Report of Verus — Data Link



Run 8: Statistics of Verus

Start at: Tue, 25 Jul 2017 01:13:09 +0000

End at: Tue, 25 Jul 2017 01:13:39 +0000

Local clock offset: 1.367 ms

Remote clock offset: -21.046 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:50:38 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.38 Mbit/s

95th percentile per-packet one-way delay: 42.871 ms

Loss rate: 0.14%

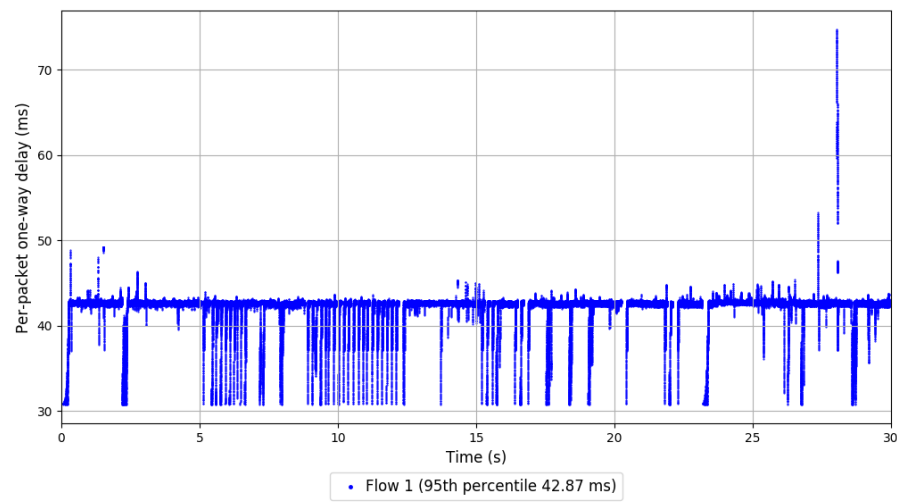
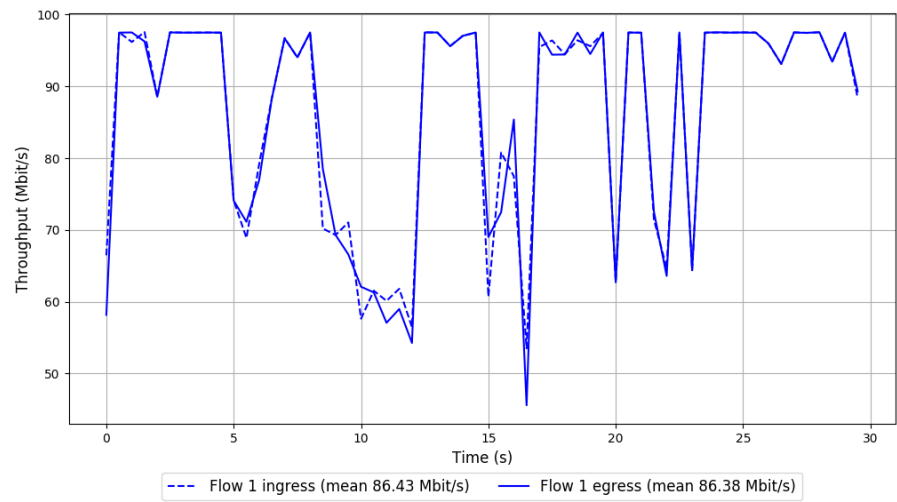
-- Flow 1:

Average throughput: 86.38 Mbit/s

95th percentile per-packet one-way delay: 42.871 ms

Loss rate: 0.14%

Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

Start at: Tue, 25 Jul 2017 01:31:09 +0000

End at: Tue, 25 Jul 2017 01:31:39 +0000

Local clock offset: 4.203 ms

Remote clock offset: -23.76 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:50:50 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.47 Mbit/s

95th percentile per-packet one-way delay: 47.933 ms

Loss rate: 0.12%

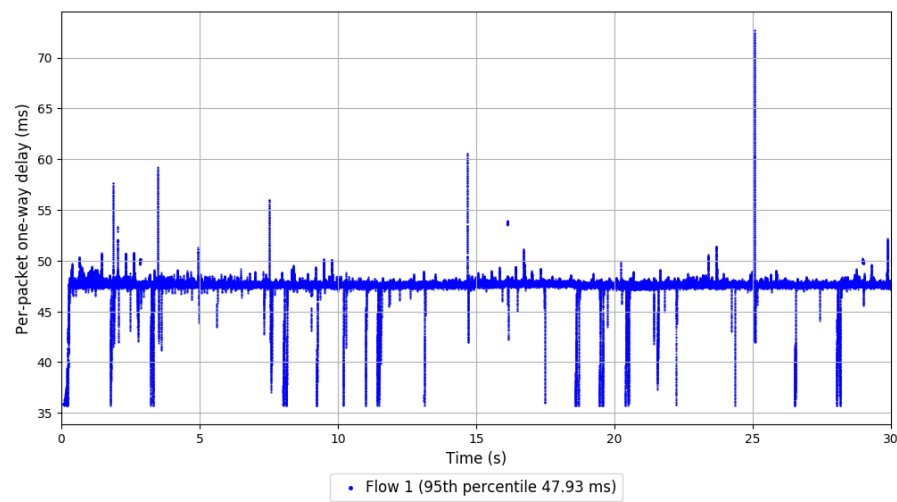
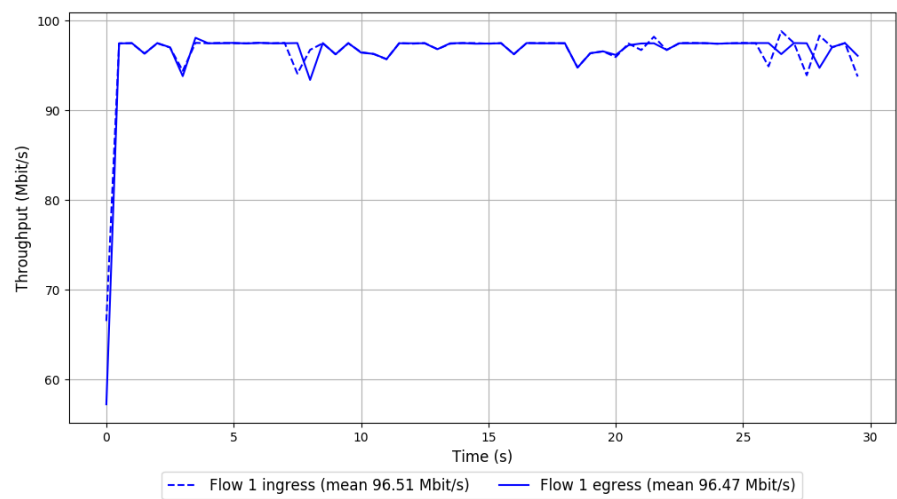
-- Flow 1:

Average throughput: 96.47 Mbit/s

95th percentile per-packet one-way delay: 47.933 ms

Loss rate: 0.12%

Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

Start at: Tue, 25 Jul 2017 01:48:59 +0000

End at: Tue, 25 Jul 2017 01:49:29 +0000

Local clock offset: -1.454 ms

Remote clock offset: -22.823 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:50:53 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.81 Mbit/s

95th percentile per-packet one-way delay: 40.104 ms

Loss rate: 0.12%

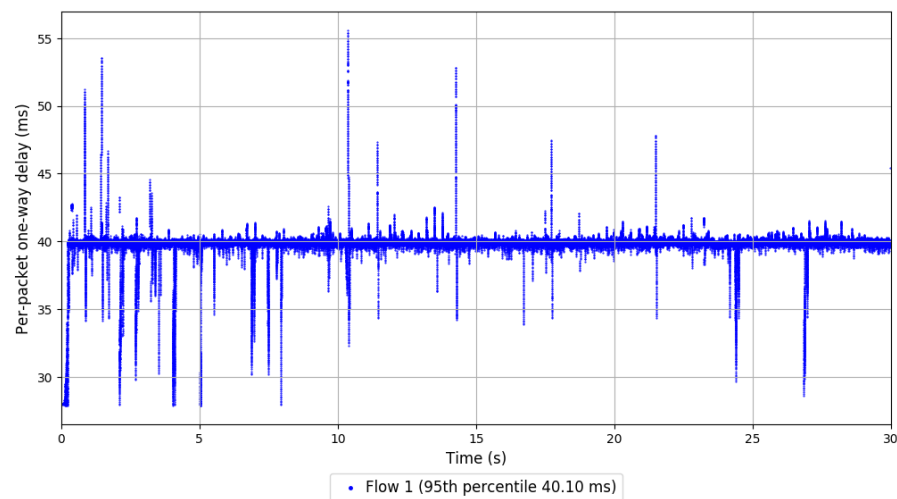
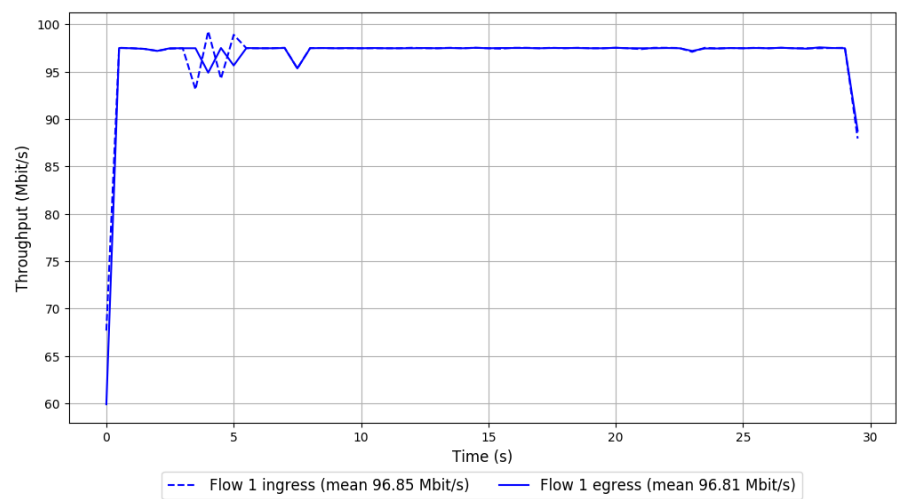
-- Flow 1:

Average throughput: 96.81 Mbit/s

95th percentile per-packet one-way delay: 40.104 ms

Loss rate: 0.12%

Run 10: Report of Verus — Data Link



Run 1: Statistics of WebRTC media

Start at: Mon, 24 Jul 2017 23:13:38 +0000

End at: Mon, 24 Jul 2017 23:14:08 +0000

Local clock offset: 1.054 ms

Remote clock offset: -20.28 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:50:53 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.35 Mbit/s

95th percentile per-packet one-way delay: 31.646 ms

Loss rate: 0.10%

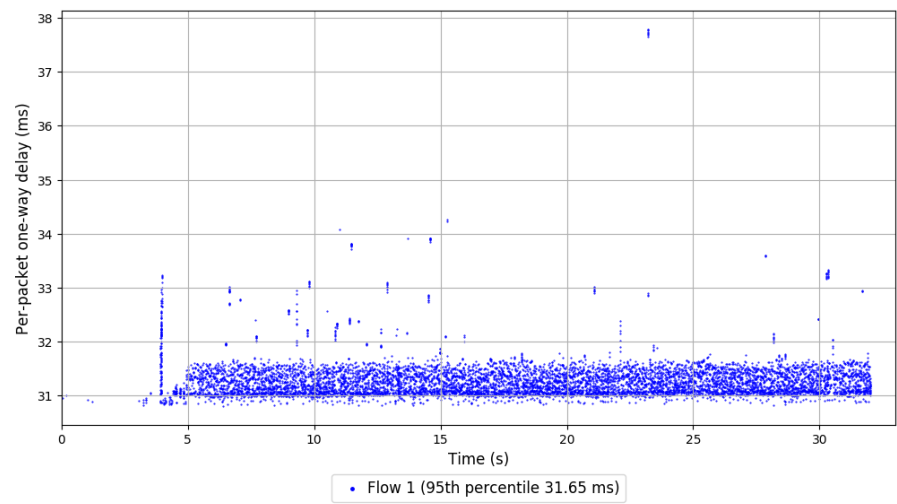
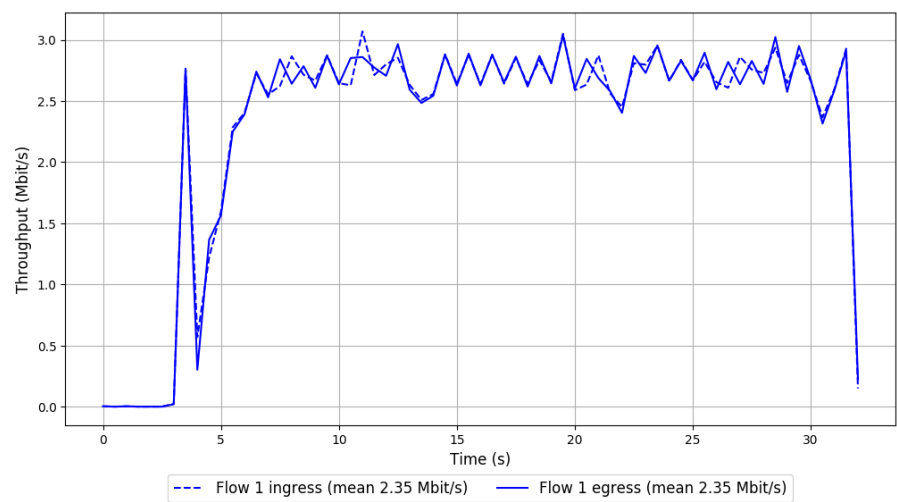
-- Flow 1:

Average throughput: 2.35 Mbit/s

95th percentile per-packet one-way delay: 31.646 ms

Loss rate: 0.10%

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: Mon, 24 Jul 2017 23:31:29 +0000

End at: Mon, 24 Jul 2017 23:31:59 +0000

Local clock offset: 1.937 ms

Remote clock offset: -20.64 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:50:53 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.35 Mbit/s

95th percentile per-packet one-way delay: 32.429 ms

Loss rate: 0.13%

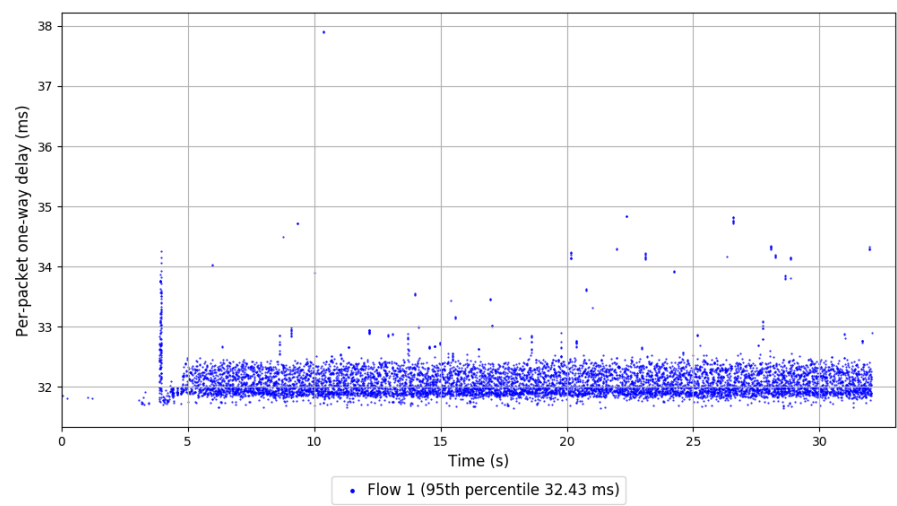
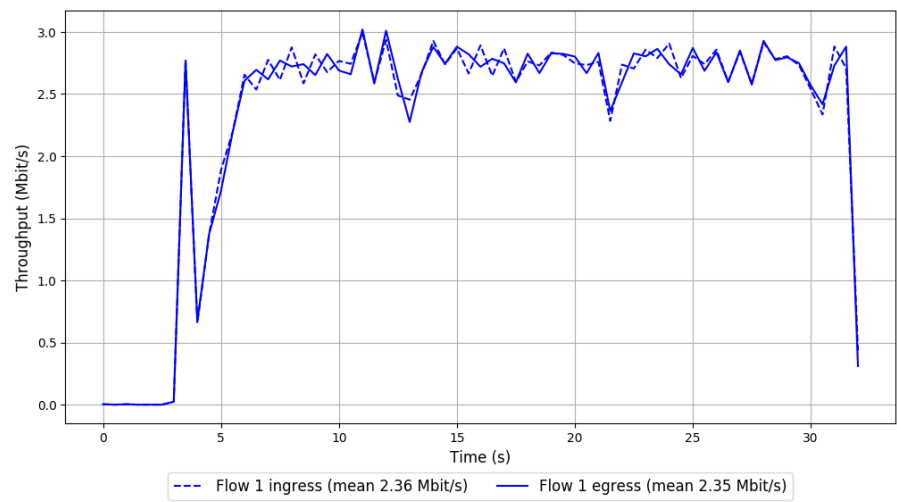
-- Flow 1:

Average throughput: 2.35 Mbit/s

95th percentile per-packet one-way delay: 32.429 ms

Loss rate: 0.13%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: Mon, 24 Jul 2017 23:49:18 +0000

End at: Mon, 24 Jul 2017 23:49:48 +0000

Local clock offset: 2.925 ms

Remote clock offset: -21.481 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:50:54 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.35 Mbit/s

95th percentile per-packet one-way delay: 34.232 ms

Loss rate: 0.03%

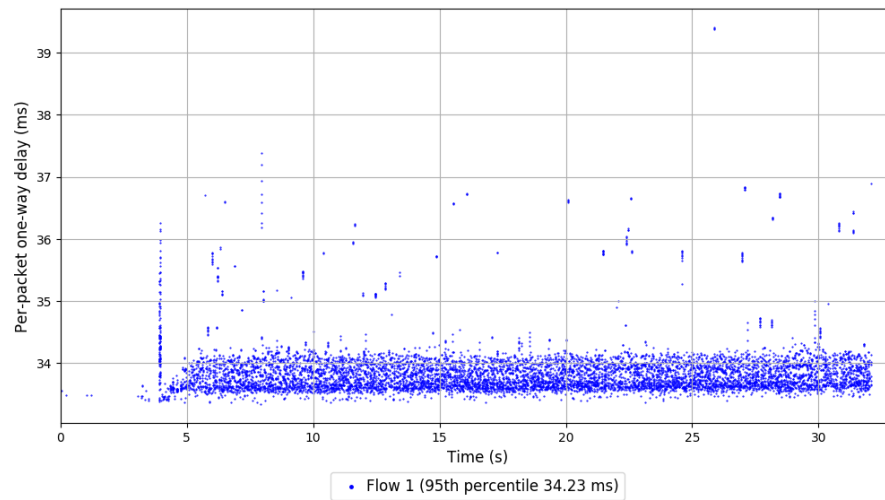
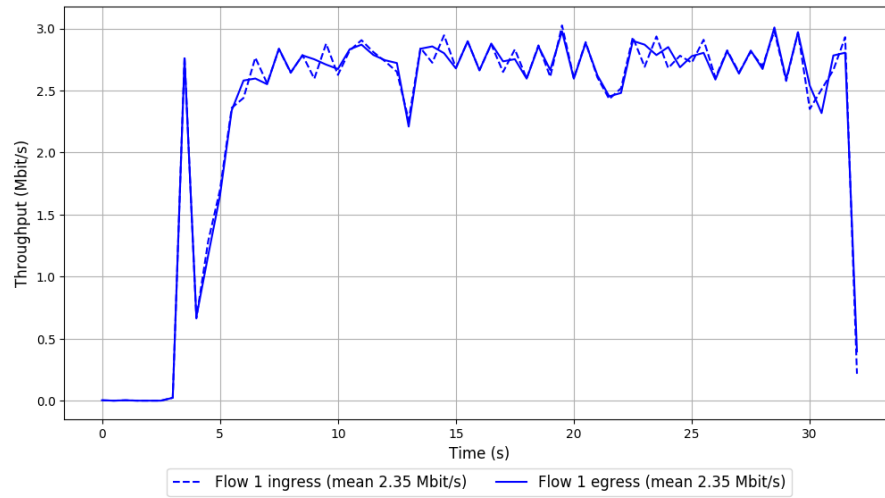
-- Flow 1:

Average throughput: 2.35 Mbit/s

95th percentile per-packet one-way delay: 34.232 ms

Loss rate: 0.03%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: Tue, 25 Jul 2017 00:07:17 +0000

End at: Tue, 25 Jul 2017 00:07:47 +0000

Local clock offset: 5.631 ms

Remote clock offset: -20.774 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:50:54 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.36 Mbit/s

95th percentile per-packet one-way delay: 37.511 ms

Loss rate: 0.14%

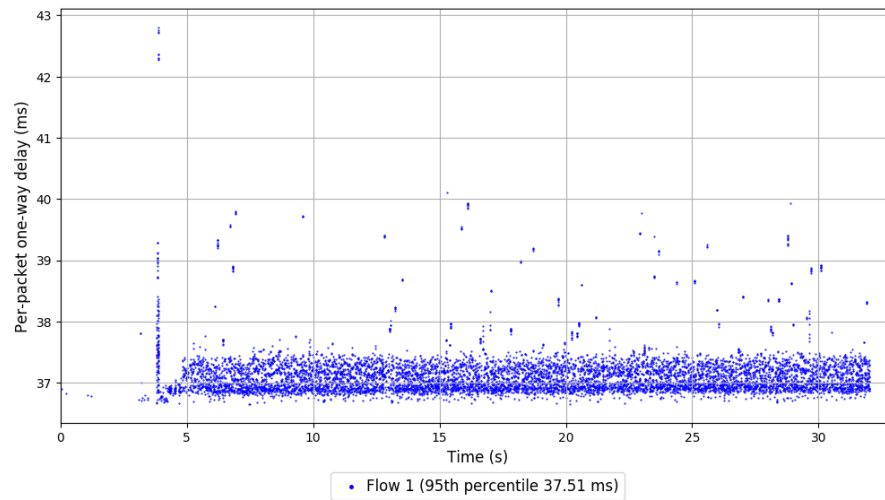
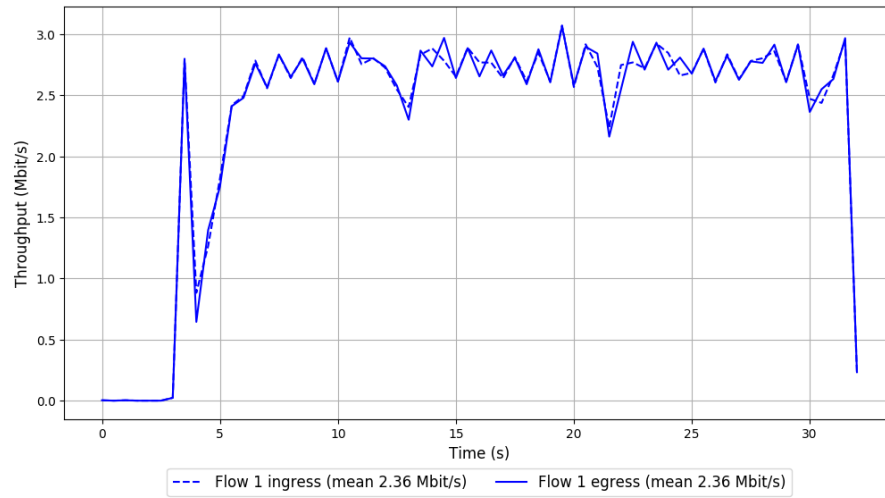
-- Flow 1:

Average throughput: 2.36 Mbit/s

95th percentile per-packet one-way delay: 37.511 ms

Loss rate: 0.14%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: Tue, 25 Jul 2017 00:25:05 +0000

End at: Tue, 25 Jul 2017 00:25:35 +0000

Local clock offset: 1.974 ms

Remote clock offset: -18.242 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:50:56 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.35 Mbit/s

95th percentile per-packet one-way delay: 31.039 ms

Loss rate: 0.13%

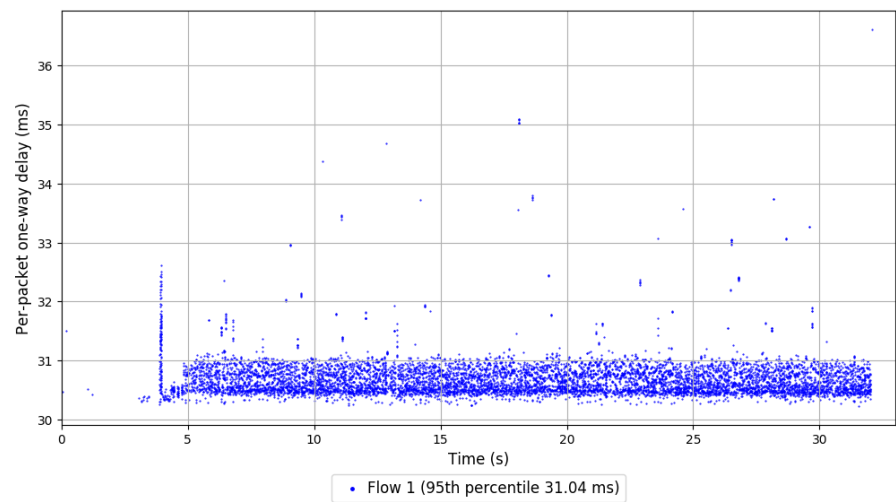
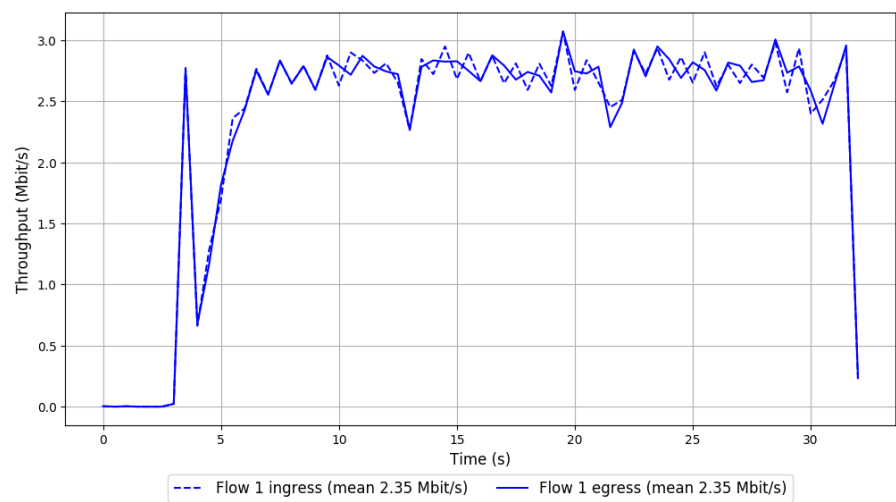
-- Flow 1:

Average throughput: 2.35 Mbit/s

95th percentile per-packet one-way delay: 31.039 ms

Loss rate: 0.13%

Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: Tue, 25 Jul 2017 00:42:58 +0000

End at: Tue, 25 Jul 2017 00:43:29 +0000

Local clock offset: 4.65 ms

Remote clock offset: -22.025 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:50:56 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.36 Mbit/s

95th percentile per-packet one-way delay: 37.118 ms

Loss rate: 0.01%

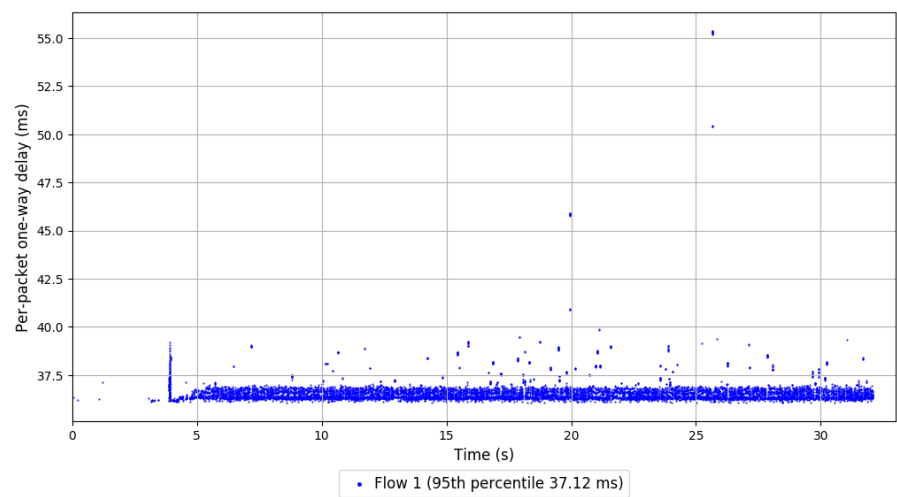
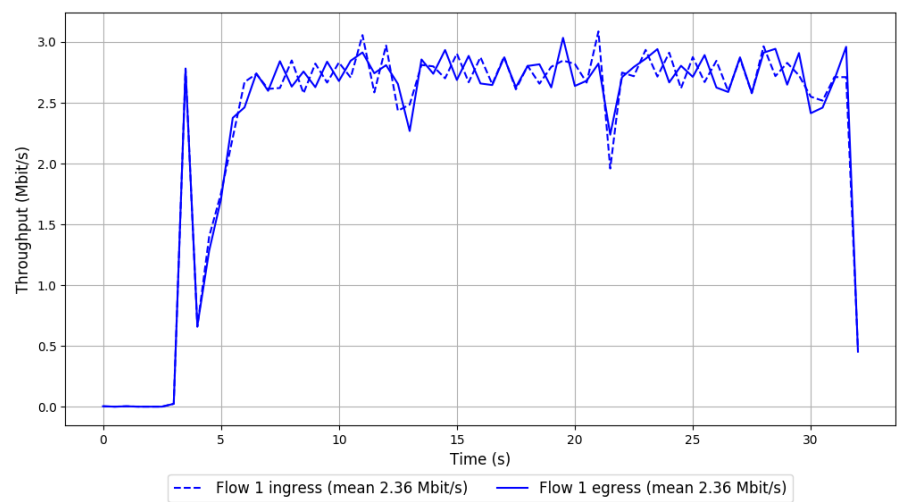
-- Flow 1:

Average throughput: 2.36 Mbit/s

95th percentile per-packet one-way delay: 37.118 ms

Loss rate: 0.01%

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: Tue, 25 Jul 2017 01:00:57 +0000

End at: Tue, 25 Jul 2017 01:01:27 +0000

Local clock offset: -0.103 ms

Remote clock offset: -21.844 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:50:57 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.36 Mbit/s

95th percentile per-packet one-way delay: 31.381 ms

Loss rate: 0.15%

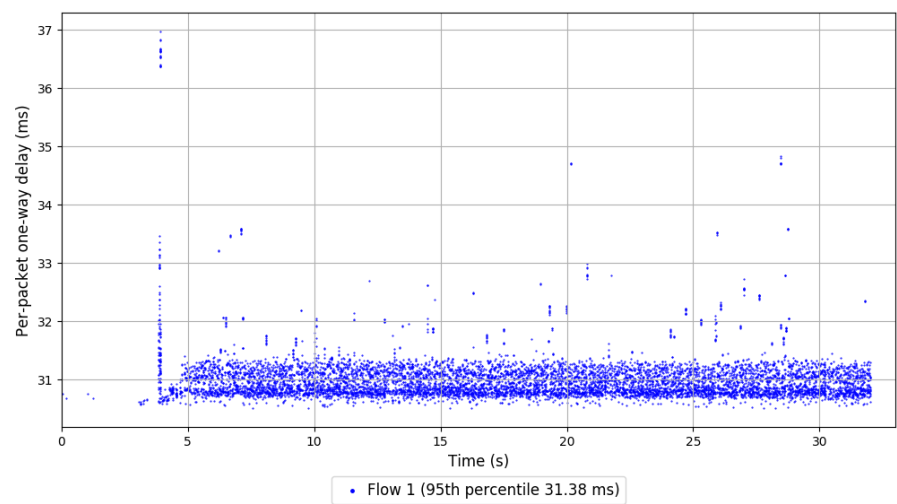
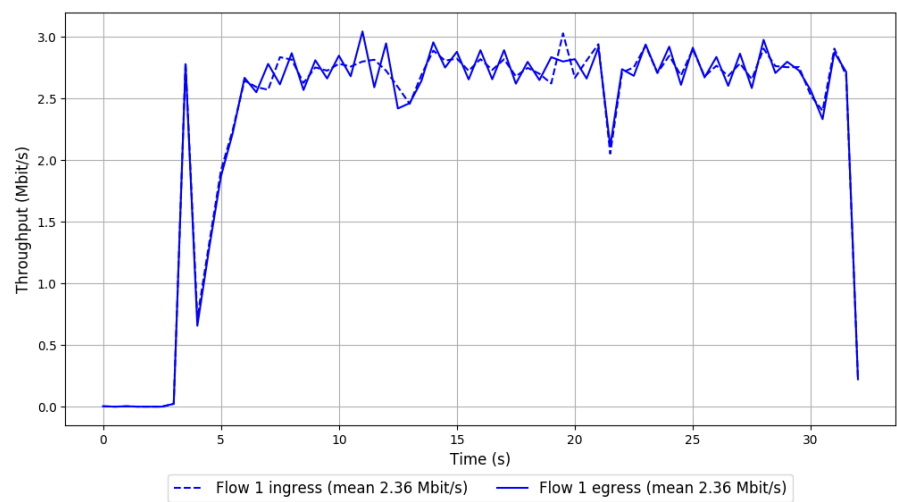
-- Flow 1:

Average throughput: 2.36 Mbit/s

95th percentile per-packet one-way delay: 31.381 ms

Loss rate: 0.15%

Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

Start at: Tue, 25 Jul 2017 01:19:03 +0000

End at: Tue, 25 Jul 2017 01:19:33 +0000

Local clock offset: 1.978 ms

Remote clock offset: -22.491 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:50:57 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.36 Mbit/s

95th percentile per-packet one-way delay: 33.577 ms

Loss rate: 0.15%

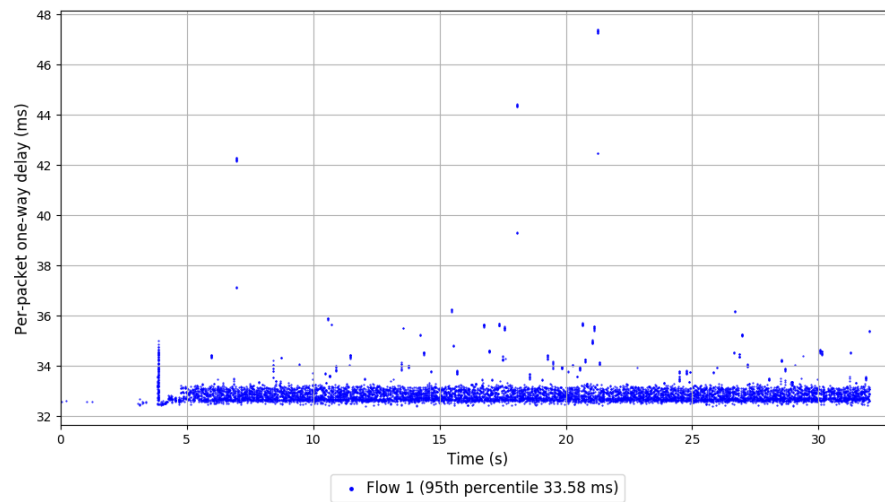
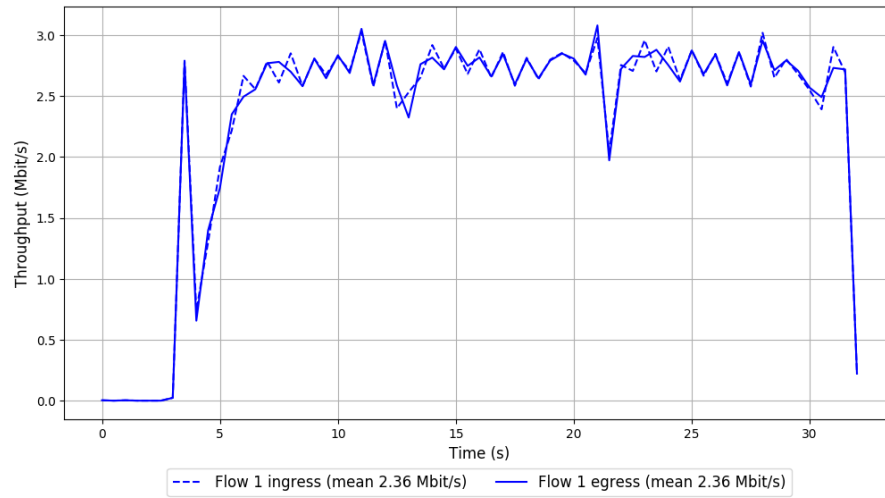
-- Flow 1:

Average throughput: 2.36 Mbit/s

95th percentile per-packet one-way delay: 33.577 ms

Loss rate: 0.15%

Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

Start at: Tue, 25 Jul 2017 01:37:14 +0000

End at: Tue, 25 Jul 2017 01:37:44 +0000

Local clock offset: 2.086 ms

Remote clock offset: -22.213 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:50:58 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.36 Mbit/s

95th percentile per-packet one-way delay: 31.323 ms

Loss rate: 0.15%

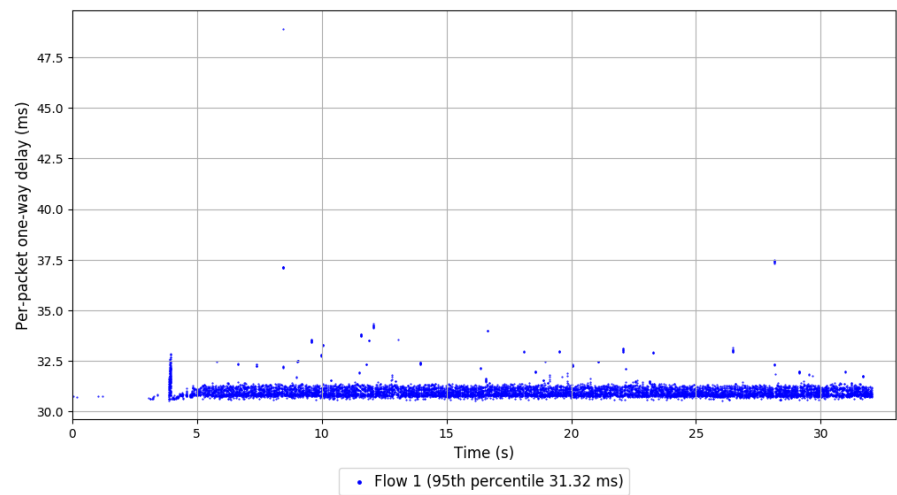
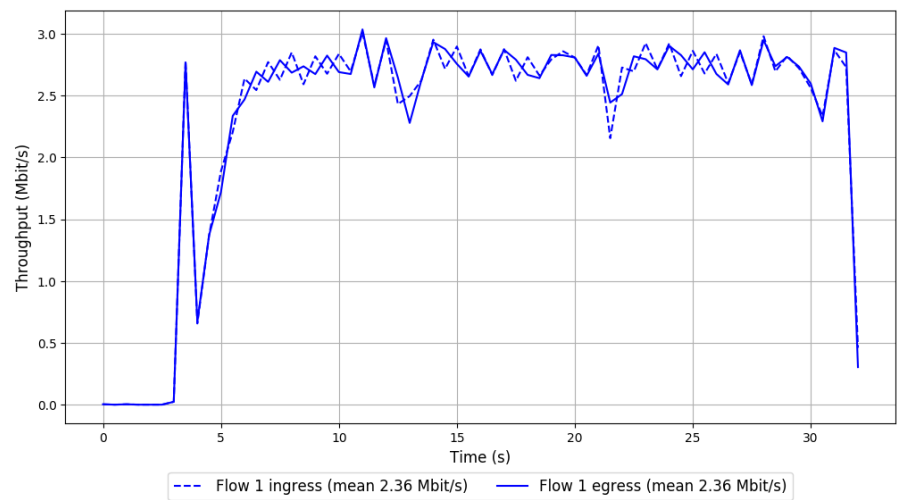
-- Flow 1:

Average throughput: 2.36 Mbit/s

95th percentile per-packet one-way delay: 31.323 ms

Loss rate: 0.15%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: Tue, 25 Jul 2017 01:54:51 +0000

End at: Tue, 25 Jul 2017 01:55:21 +0000

Local clock offset: 5.126 ms

Remote clock offset: -22.451 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:50:59 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.75 Mbit/s

95th percentile per-packet one-way delay: 35.273 ms

Loss rate: 0.17%

-- Flow 1:

Average throughput: 2.75 Mbit/s

95th percentile per-packet one-way delay: 35.273 ms

Loss rate: 0.17%

Run 10: Report of WebRTC media — Data Link

