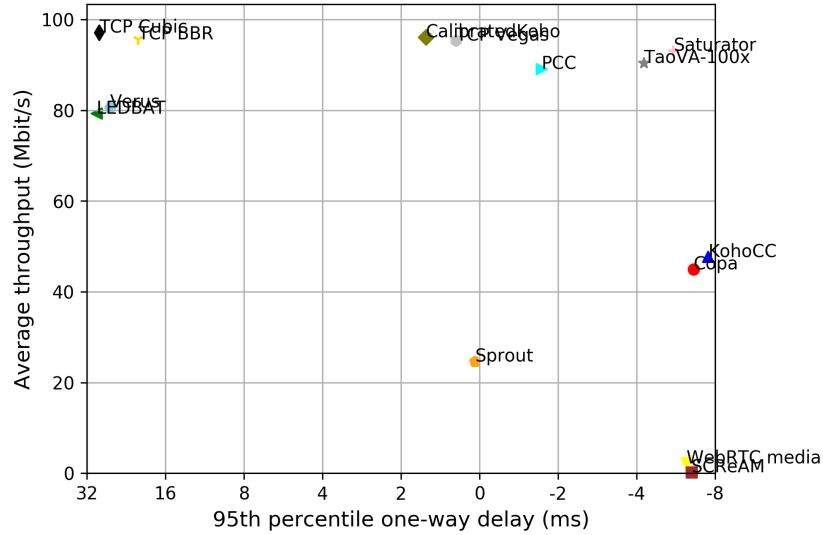


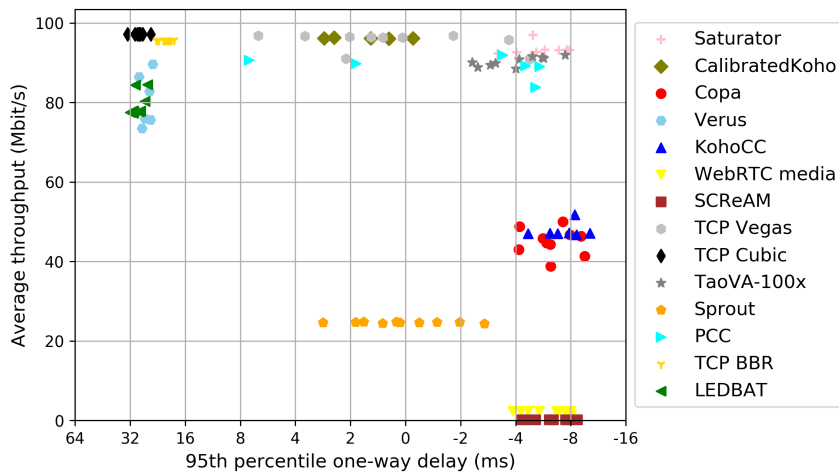
Pantheon Summary (Generated at Mon, 17 Jul 2017 01:35:41 +0000 with pantheon version d7b3554d9e52d3442ab19bc1e1c71f4629d4a0ac)
 Repeated the test of 15 congestion control schemes 10 times.
 Each test lasted for 30 seconds running 1 flow.
 Data path: AWS India 1 Ethernet (*local*) → India Ethernet (*remote*).
 NTP offset measured against nets.org.sg and has been applied to correct the timestamps in logs.

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

test from AWS India 1 Ethernet to India Ethernet, 10 runs of 30s each per scheme
(mean of all runs by scheme)



test from AWS India 1 Ethernet to India 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 | 95.63 | 20.36 | 0.20 |
| CalibratedKoho | 10 | 96.13 | 1.37 | 0.00 |
| Copa | 10 | 44.97 | -6.61 | 0.00 |
| TCP Cubic | 10 | 97.15 | 28.70 | 0.26 |
| KohoCC | 10 | 47.70 | -7.52 | 0.00 |
| LEDBAT | 10 | 79.28 | 29.40 | 0.07 |
| PCC | 10 | 89.09 | -1.58 | 0.28 |
| QUIC Cubic | 10 | nan | nan | nan |
| Saturator | 10 | 93.12 | -5.53 | 0.00 |
| SCReAM | 10 | 0.21 | -6.48 | 0.00 |
| Sprout | 10 | 24.64 | 0.12 | 0.00 |
| TaoVA-100x | 10 | 90.36 | -4.26 | 0.00 |
| TCP Vegas | 10 | 95.36 | 0.61 | 0.14 |
| Verus | 10 | 80.66 | 26.11 | 19.30 |
| WebRTC media | 10 | 2.27 | -6.20 | 0.00 |

Run 1: Statistics of TCP BBR

Start at: Sun, 16 Jul 2017 19:17:45 +0000

End at: Sun, 16 Jul 2017 19:18:15 +0000

Local clock offset: 1.74 ms

Remote clock offset: -10.172 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:24:37 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.68 Mbit/s

95th percentile per-packet one-way delay: 19.081 ms

Loss rate: 0.18%

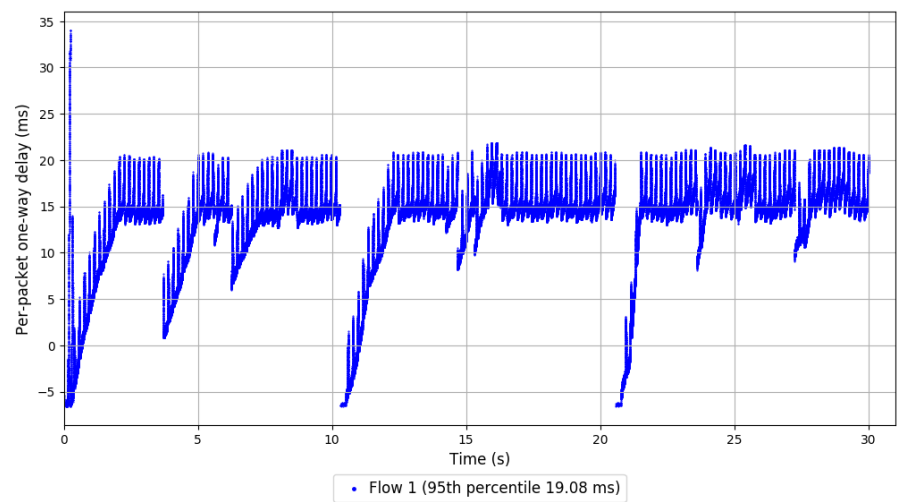
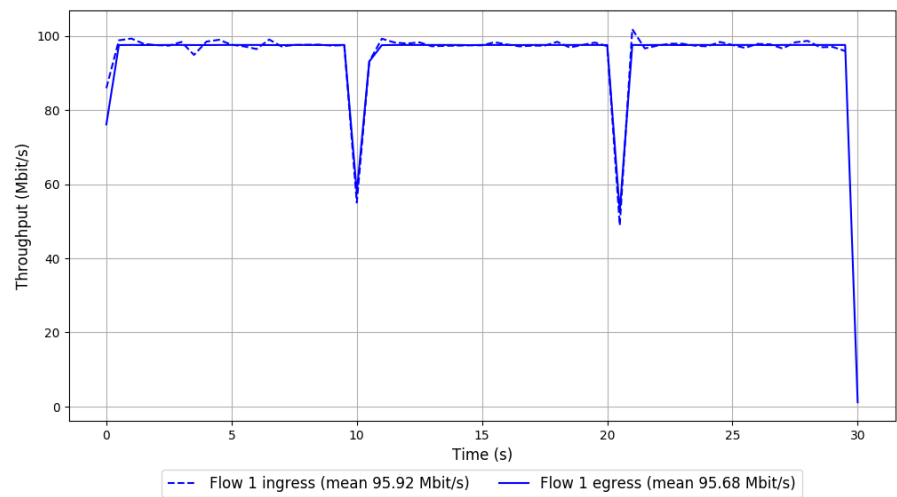
-- Flow 1:

Average throughput: 95.68 Mbit/s

95th percentile per-packet one-way delay: 19.081 ms

Loss rate: 0.18%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: Sun, 16 Jul 2017 19:35:39 +0000

End at: Sun, 16 Jul 2017 19:36:09 +0000

Local clock offset: -0.156 ms

Remote clock offset: -11.001 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:24:37 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.65 Mbit/s

95th percentile per-packet one-way delay: 19.905 ms

Loss rate: 0.18%

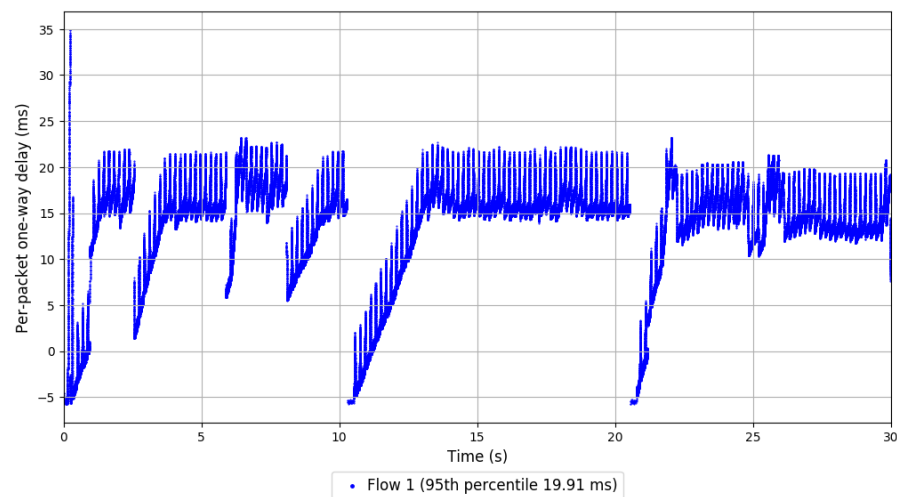
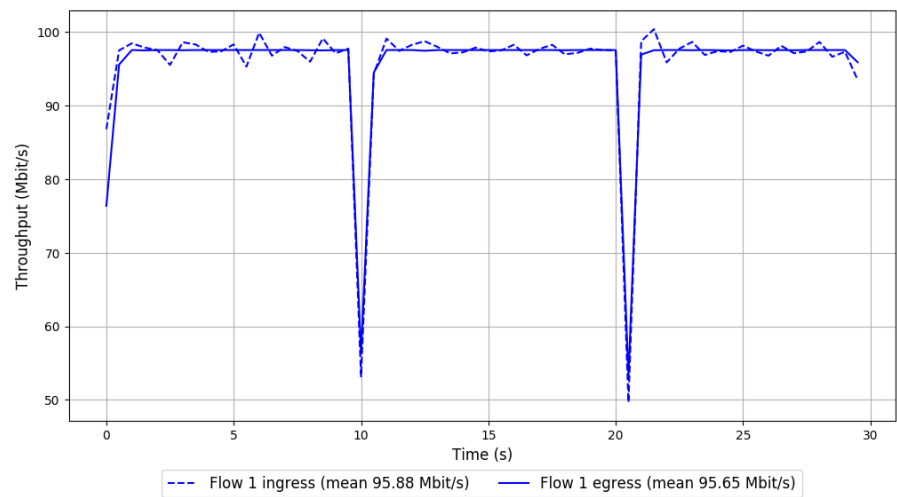
-- Flow 1:

Average throughput: 95.65 Mbit/s

95th percentile per-packet one-way delay: 19.905 ms

Loss rate: 0.18%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: Sun, 16 Jul 2017 19:53:20 +0000

End at: Sun, 16 Jul 2017 19:53:50 +0000

Local clock offset: 0.117 ms

Remote clock offset: -10.575 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:24:50 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.62 Mbit/s

95th percentile per-packet one-way delay: 22.970 ms

Loss rate: 0.19%

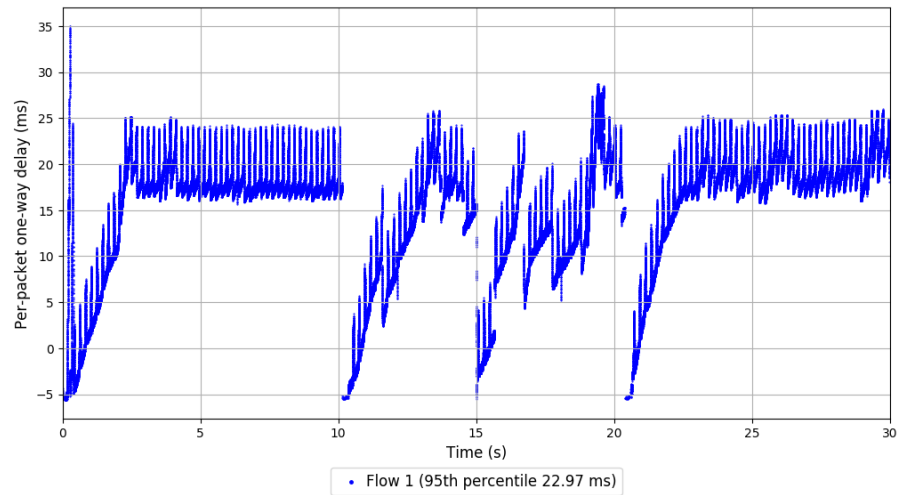
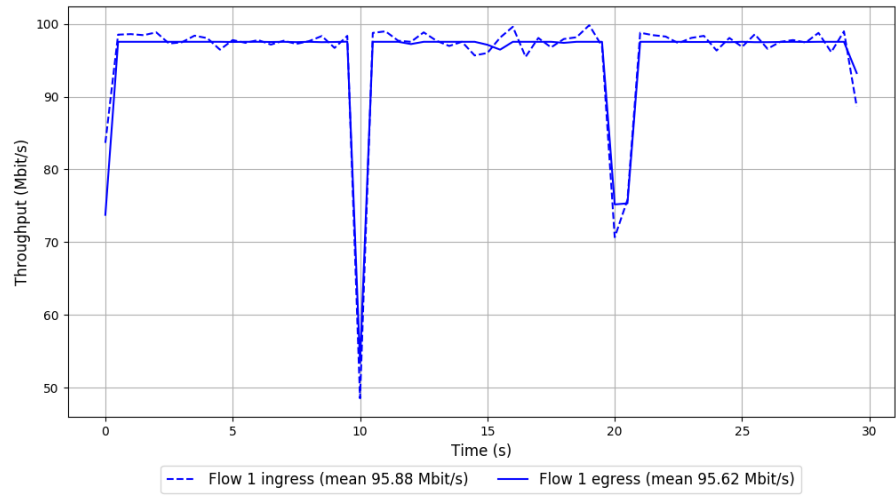
-- Flow 1:

Average throughput: 95.62 Mbit/s

95th percentile per-packet one-way delay: 22.970 ms

Loss rate: 0.19%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: Sun, 16 Jul 2017 20:10:31 +0000

End at: Sun, 16 Jul 2017 20:11:01 +0000

Local clock offset: 1.87 ms

Remote clock offset: -10.966 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:24:50 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.61 Mbit/s

95th percentile per-packet one-way delay: 20.370 ms

Loss rate: 0.18%

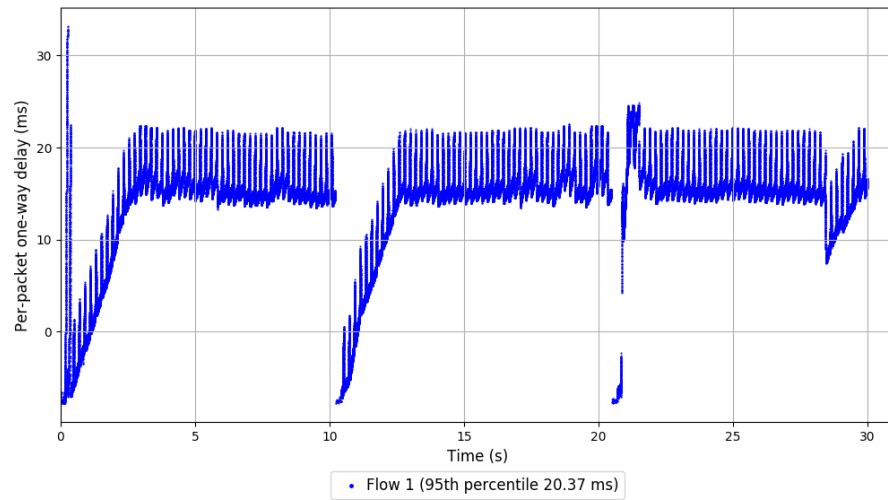
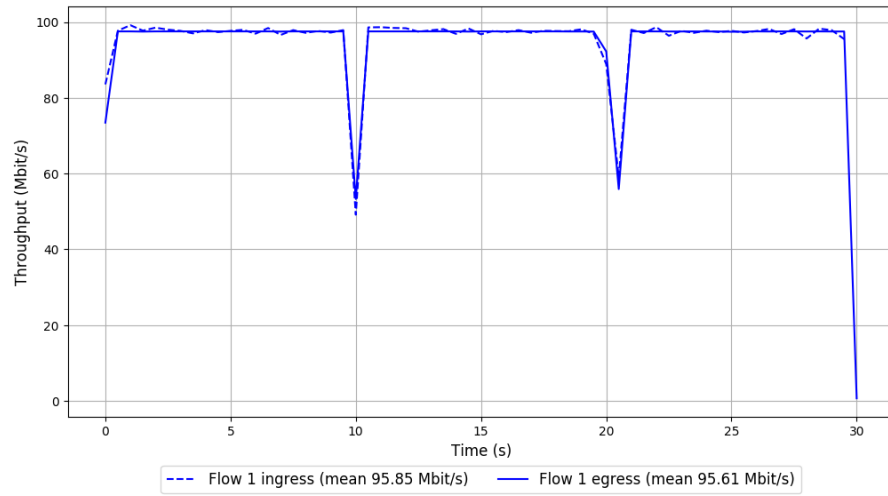
-- Flow 1:

Average throughput: 95.61 Mbit/s

95th percentile per-packet one-way delay: 20.370 ms

Loss rate: 0.18%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: Sun, 16 Jul 2017 20:28:06 +0000

End at: Sun, 16 Jul 2017 20:28:36 +0000

Local clock offset: -0.143 ms

Remote clock offset: -10.345 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:25:03 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.61 Mbit/s

95th percentile per-packet one-way delay: 22.378 ms

Loss rate: 0.20%

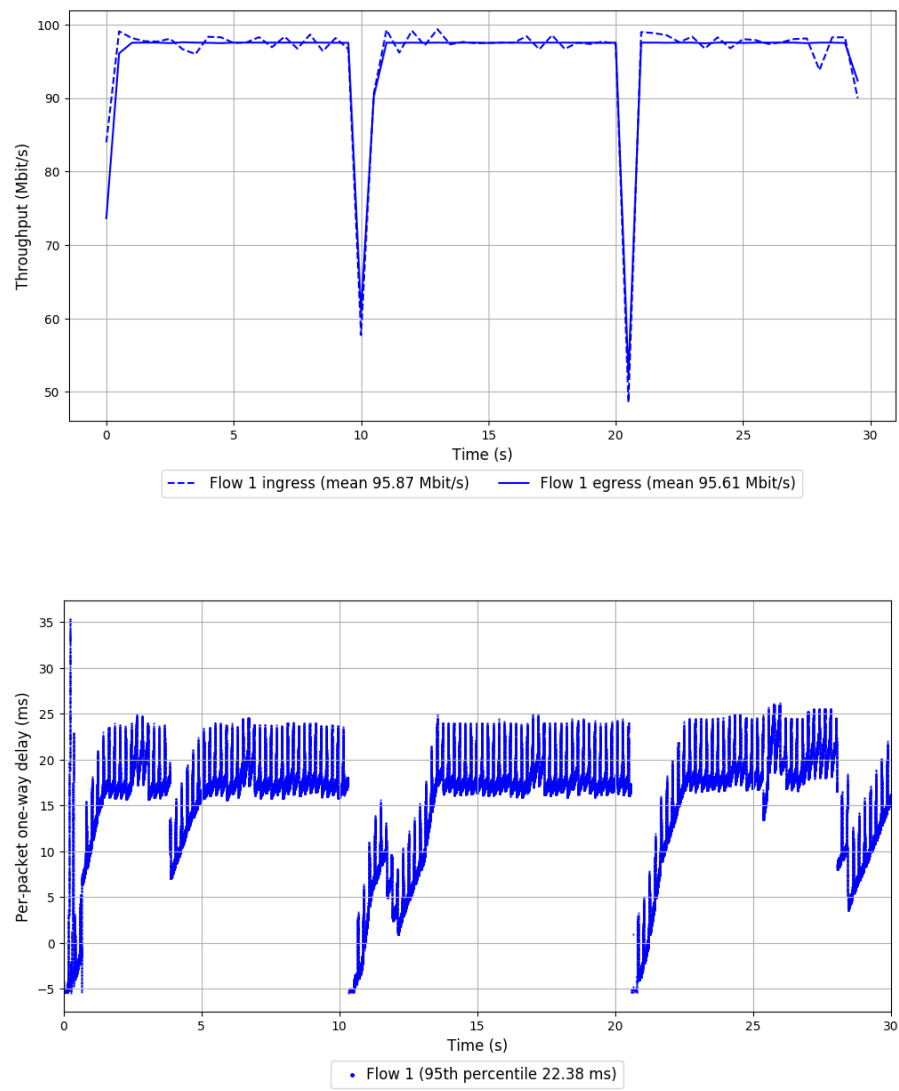
-- Flow 1:

Average throughput: 95.61 Mbit/s

95th percentile per-packet one-way delay: 22.378 ms

Loss rate: 0.20%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: Sun, 16 Jul 2017 20:45:39 +0000

End at: Sun, 16 Jul 2017 20:46:09 +0000

Local clock offset: 0.084 ms

Remote clock offset: -11.58 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:25:03 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.60 Mbit/s

95th percentile per-packet one-way delay: 21.075 ms

Loss rate: 0.19%

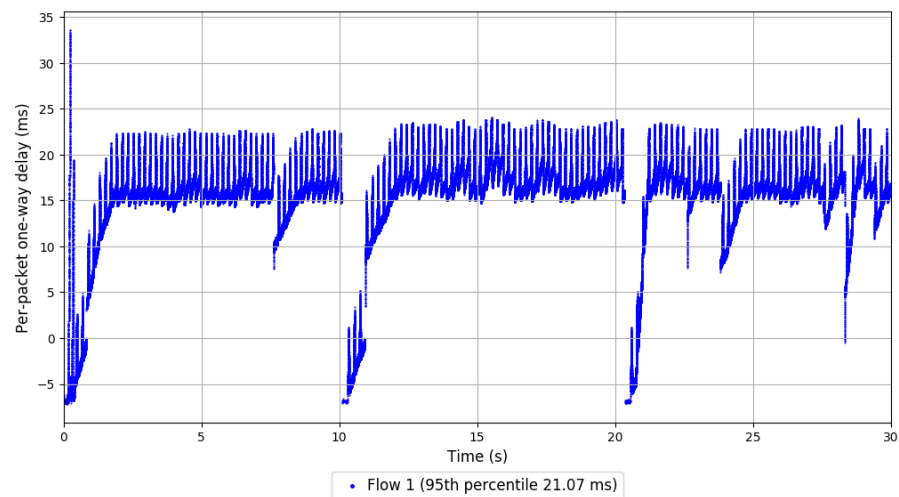
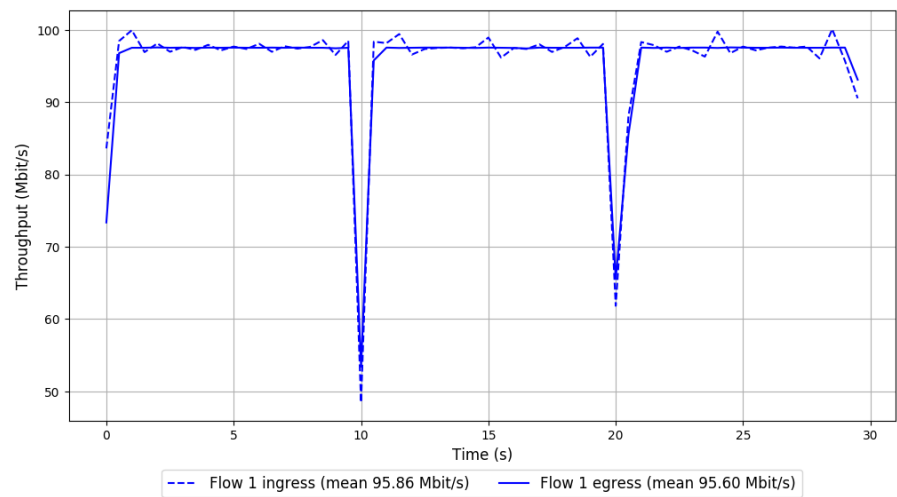
-- Flow 1:

Average throughput: 95.60 Mbit/s

95th percentile per-packet one-way delay: 21.075 ms

Loss rate: 0.19%

Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

Start at: Sun, 16 Jul 2017 21:03:05 +0000

End at: Sun, 16 Jul 2017 21:03:35 +0000

Local clock offset: 3.118 ms

Remote clock offset: -10.549 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:25:16 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.61 Mbit/s

95th percentile per-packet one-way delay: 19.211 ms

Loss rate: 0.26%

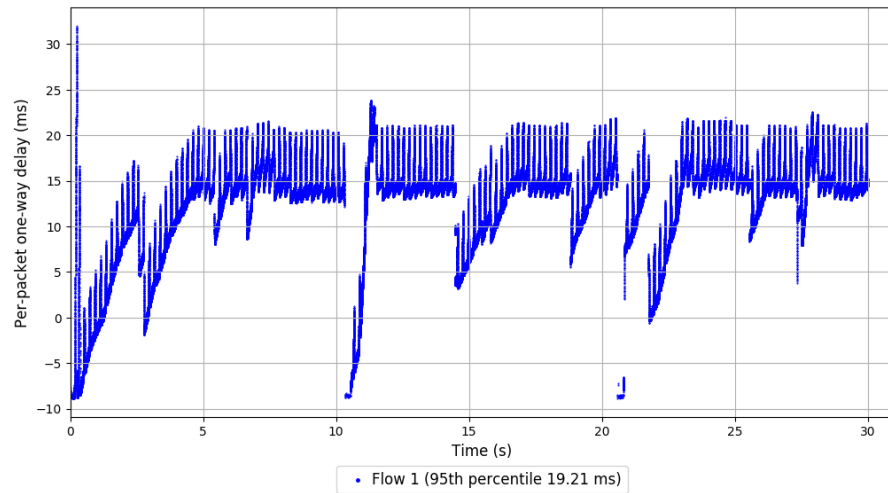
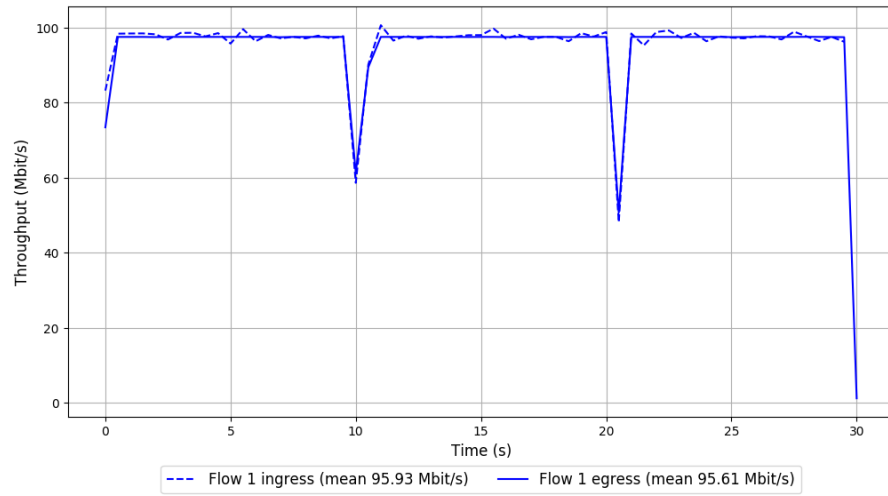
-- Flow 1:

Average throughput: 95.61 Mbit/s

95th percentile per-packet one-way delay: 19.211 ms

Loss rate: 0.26%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: Sun, 16 Jul 2017 21:20:23 +0000

End at: Sun, 16 Jul 2017 21:20:53 +0000

Local clock offset: 2.389 ms

Remote clock offset: -12.315 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:25:16 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.64 Mbit/s

95th percentile per-packet one-way delay: 18.353 ms

Loss rate: 0.19%

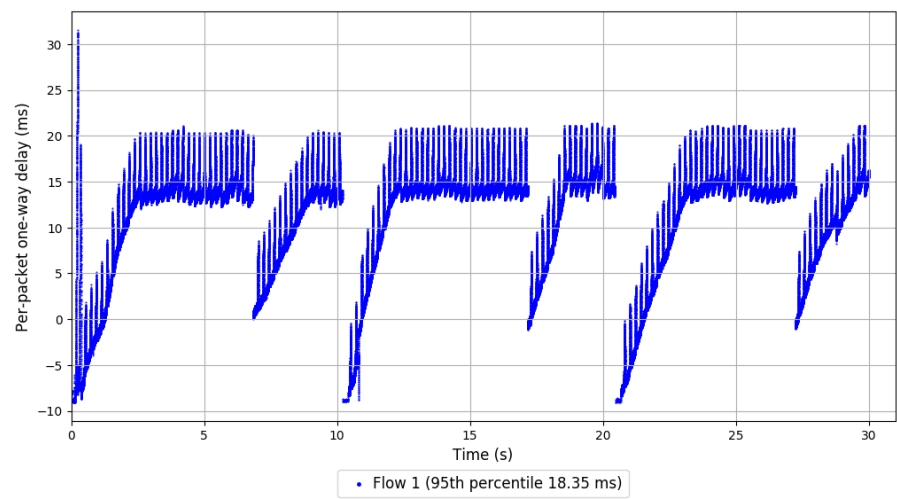
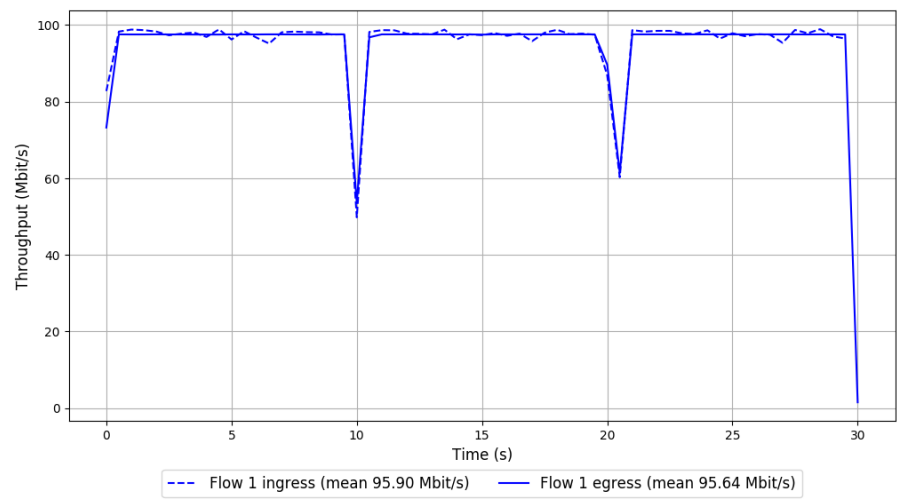
-- Flow 1:

Average throughput: 95.64 Mbit/s

95th percentile per-packet one-way delay: 18.353 ms

Loss rate: 0.19%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: Sun, 16 Jul 2017 21:38:13 +0000

End at: Sun, 16 Jul 2017 21:38:43 +0000

Local clock offset: 1.481 ms

Remote clock offset: -13.535 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.59 Mbit/s

95th percentile per-packet one-way delay: 19.785 ms

Loss rate: 0.19%

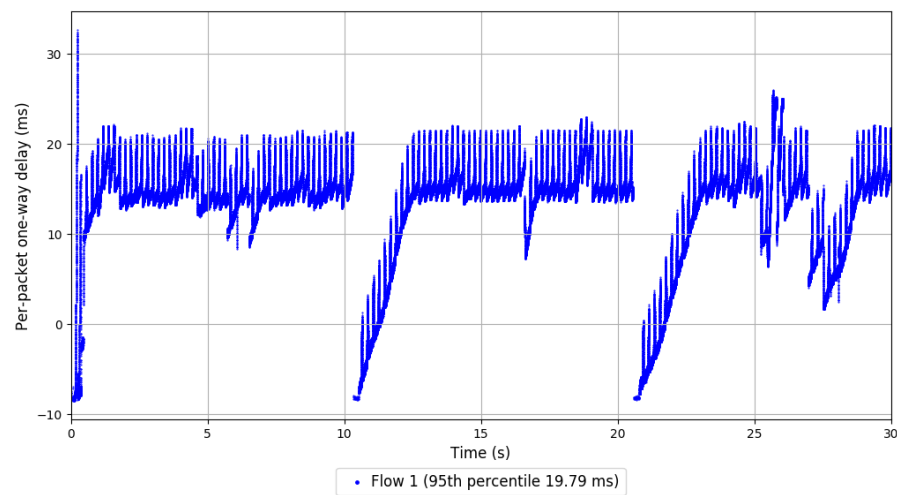
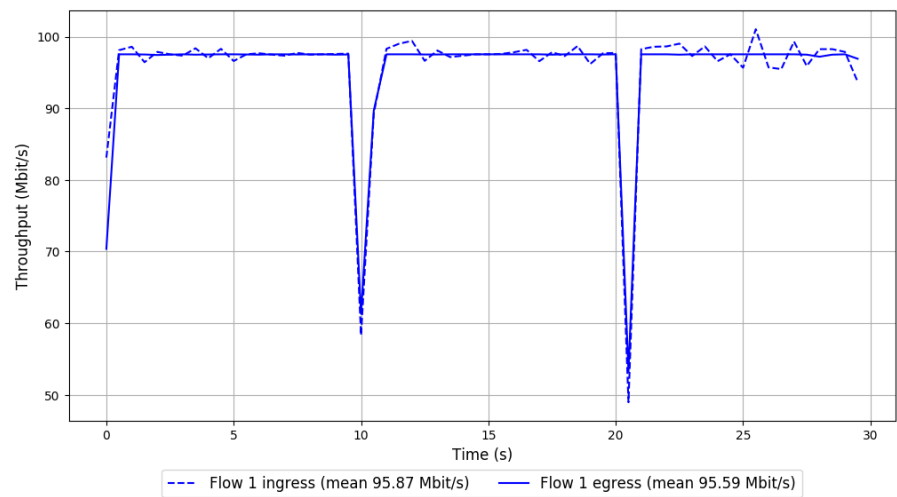
-- Flow 1:

Average throughput: 95.59 Mbit/s

95th percentile per-packet one-way delay: 19.785 ms

Loss rate: 0.19%

Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

Start at: Sun, 16 Jul 2017 21:56:05 +0000

End at: Sun, 16 Jul 2017 21:56:35 +0000

Local clock offset: 2.674 ms

Remote clock offset: -12.387 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.65 Mbit/s

95th percentile per-packet one-way delay: 20.505 ms

Loss rate: 0.19%

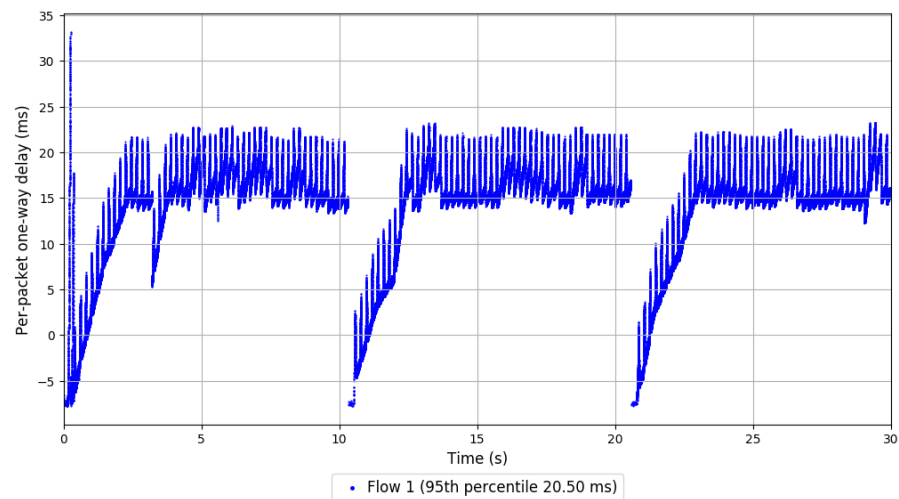
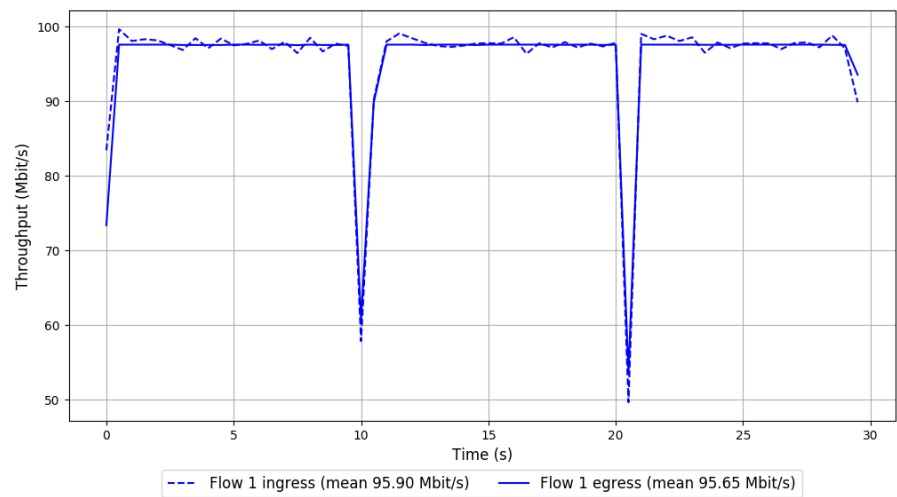
-- Flow 1:

Average throughput: 95.65 Mbit/s

95th percentile per-packet one-way delay: 20.505 ms

Loss rate: 0.19%

Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of CalibratedKoho

Start at: Sun, 16 Jul 2017 19:15:13 +0000

End at: Sun, 16 Jul 2017 19:15:43 +0000

Local clock offset: 1.856 ms

Remote clock offset: -12.063 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:25:42 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.12 Mbit/s

95th percentile per-packet one-way delay: -0.271 ms

Loss rate: 0.00%

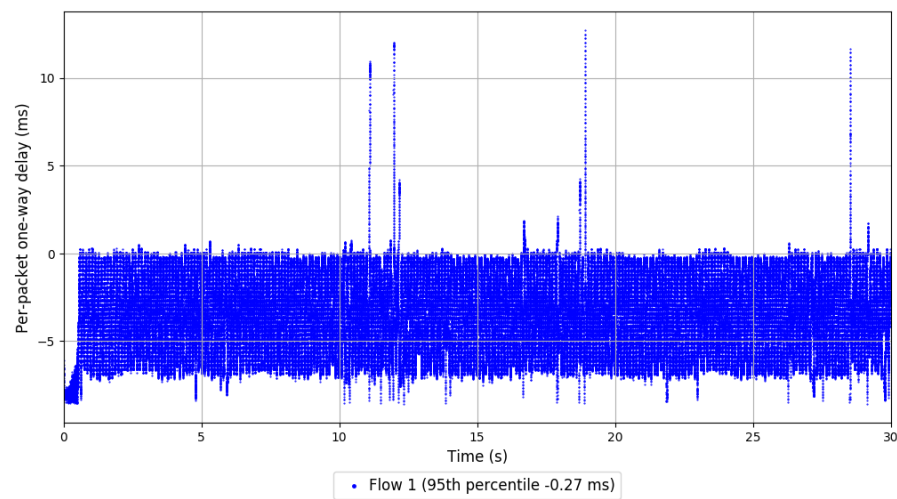
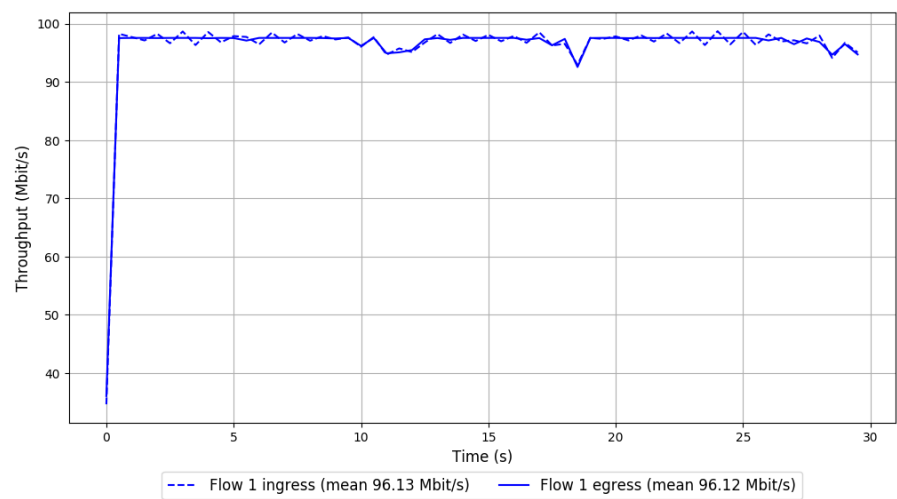
-- Flow 1:

Average throughput: 96.12 Mbit/s

95th percentile per-packet one-way delay: -0.271 ms

Loss rate: 0.00%

Run 1: Report of CalibratedKoho — Data Link



Run 2: Statistics of CalibratedKoho

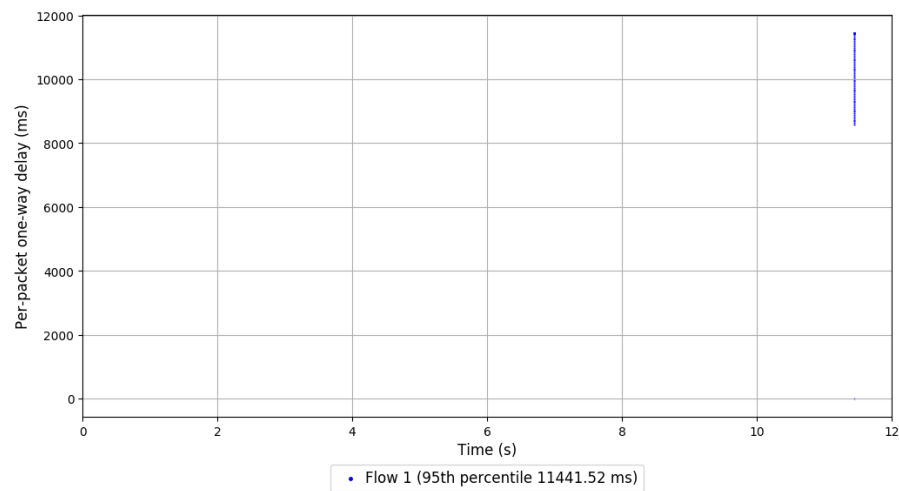
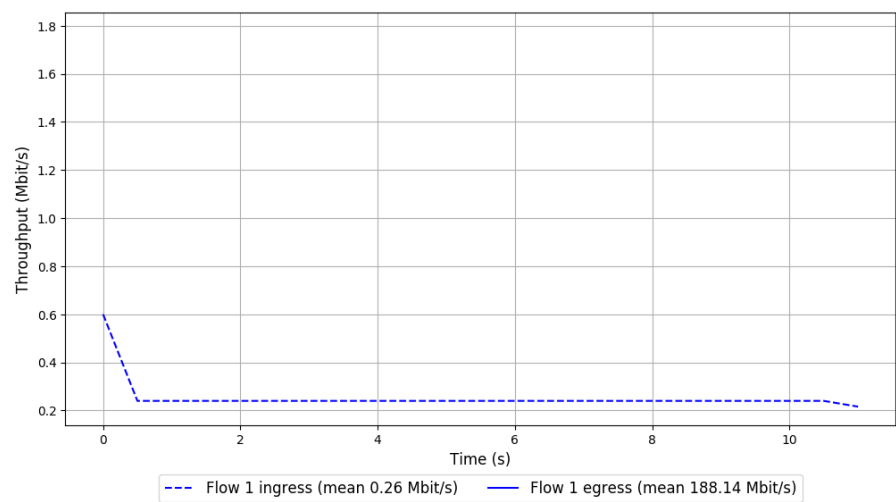
Start at: Sun, 16 Jul 2017 19:33:20 +0000

End at: Sun, 16 Jul 2017 19:33:50 +0000

Local clock offset: 0.001 ms

Remote clock offset: -10.619 ms

Run 2: Report of CalibratedKoho — Data Link



Run 3: Statistics of CalibratedKoho

Start at: Sun, 16 Jul 2017 19:51:03 +0000

End at: Sun, 16 Jul 2017 19:51:33 +0000

Local clock offset: 0.144 ms

Remote clock offset: -11.028 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:25:43 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.13 Mbit/s

95th percentile per-packet one-way delay: 2.782 ms

Loss rate: 0.00%

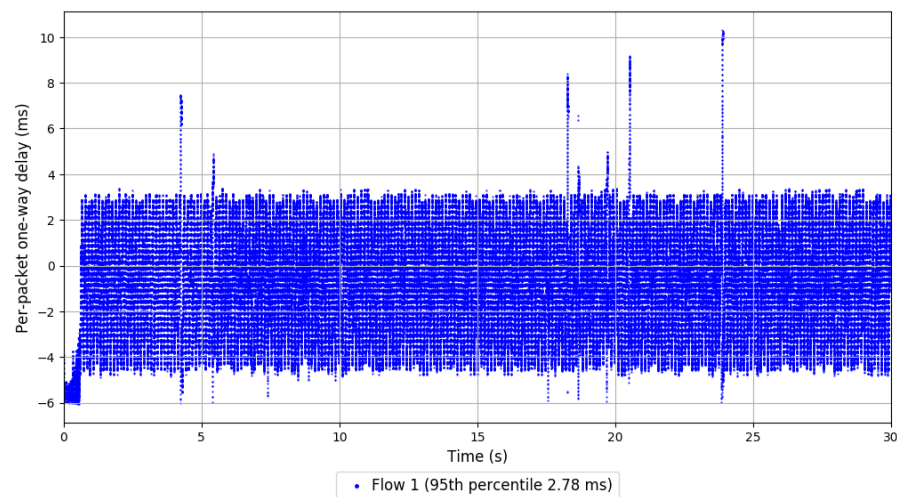
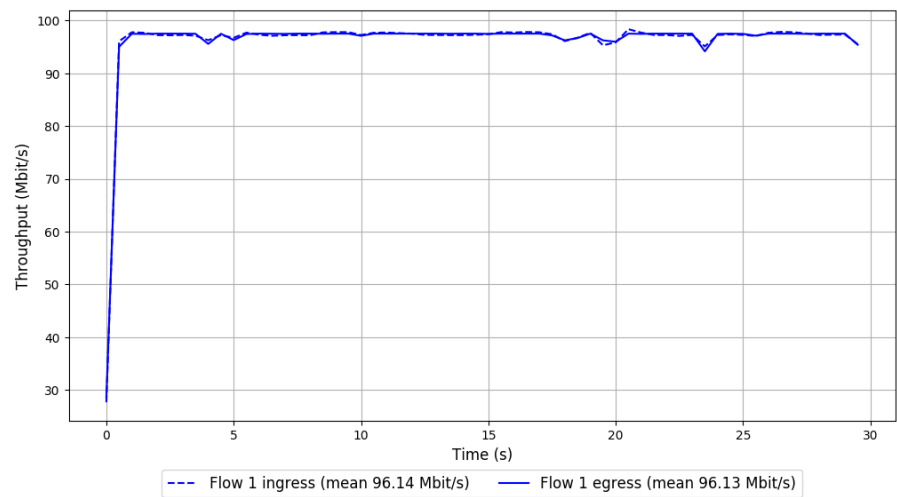
-- Flow 1:

Average throughput: 96.13 Mbit/s

95th percentile per-packet one-way delay: 2.782 ms

Loss rate: 0.00%

Run 3: Report of CalibratedKoho — Data Link



Run 4: Statistics of CalibratedKoho

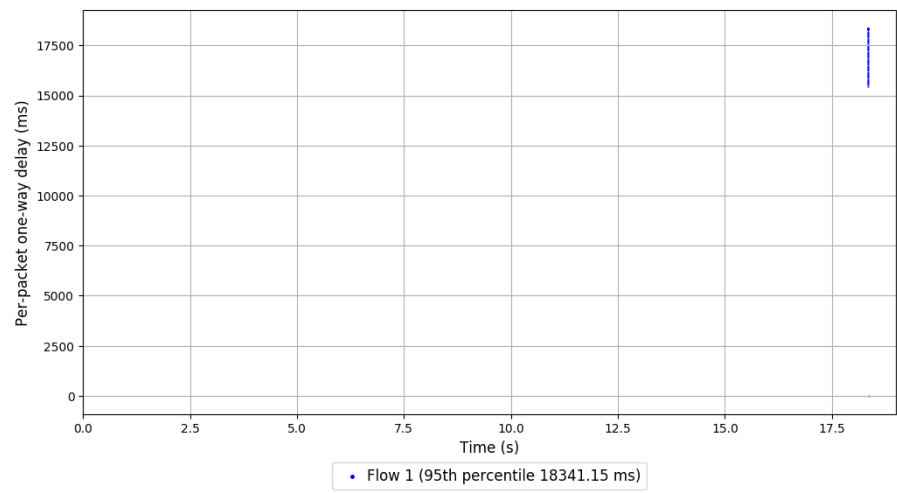
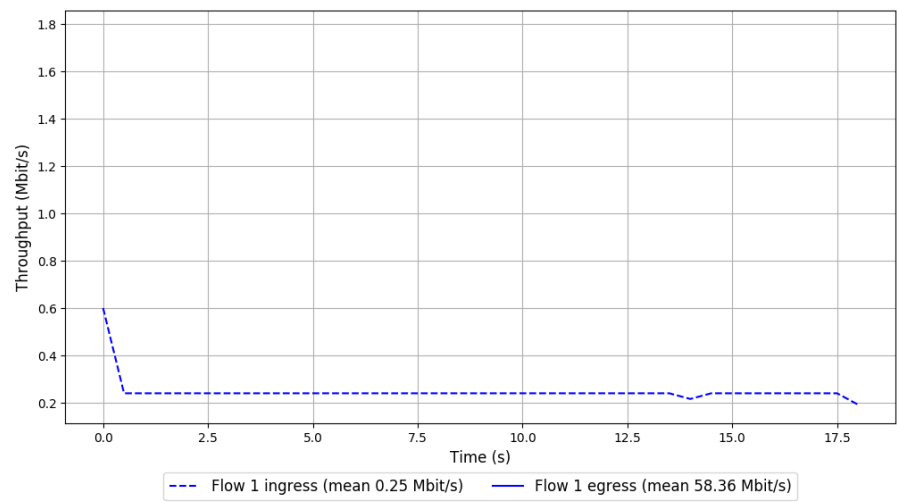
Start at: Sun, 16 Jul 2017 20:08:15 +0000

End at: Sun, 16 Jul 2017 20:08:45 +0000

Local clock offset: 3.577 ms

Remote clock offset: -11.2 ms

Run 4: Report of CalibratedKoho — Data Link



Run 5: Statistics of CalibratedKoho

Start at: Sun, 16 Jul 2017 20:25:38 +0000

End at: Sun, 16 Jul 2017 20:26:08 +0000

Local clock offset: -0.299 ms

Remote clock offset: -10.712 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:25:53 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.28 Mbit/s

95th percentile per-packet one-way delay: 2.457 ms

Loss rate: 0.01%

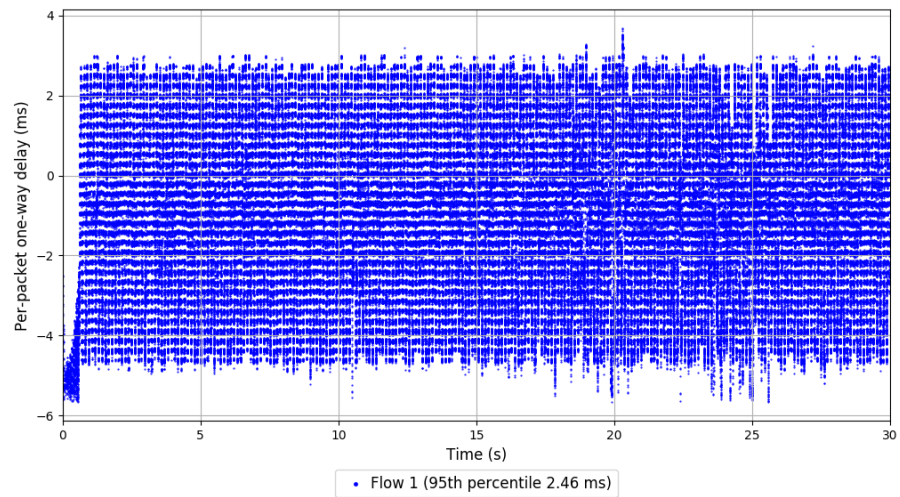
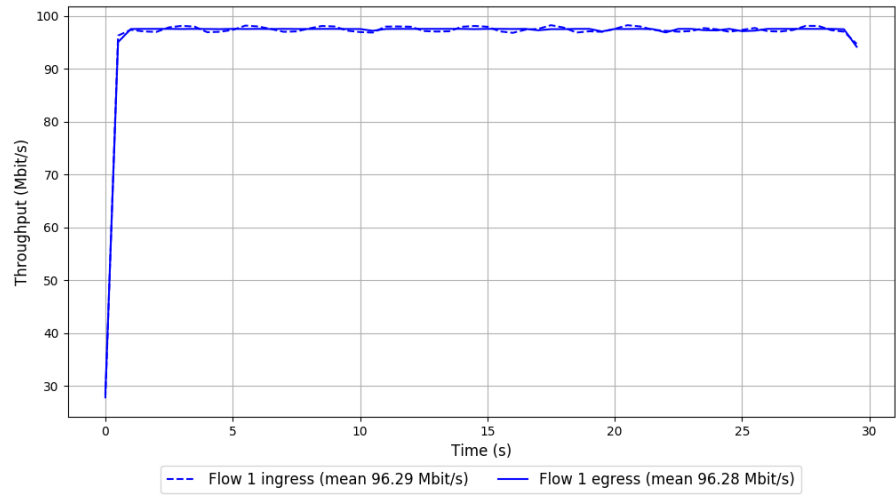
-- Flow 1:

Average throughput: 96.28 Mbit/s

95th percentile per-packet one-way delay: 2.457 ms

Loss rate: 0.01%

Run 5: Report of CalibratedKoho — Data Link



Run 6: Statistics of CalibratedKoho

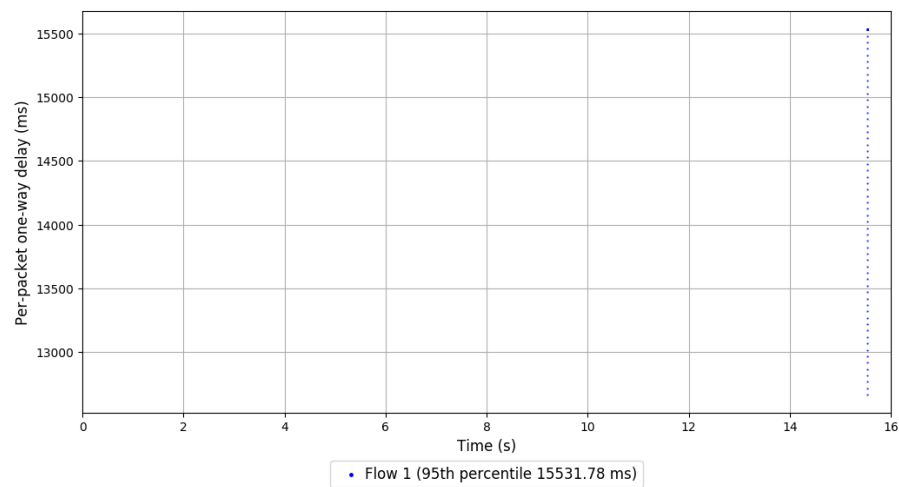
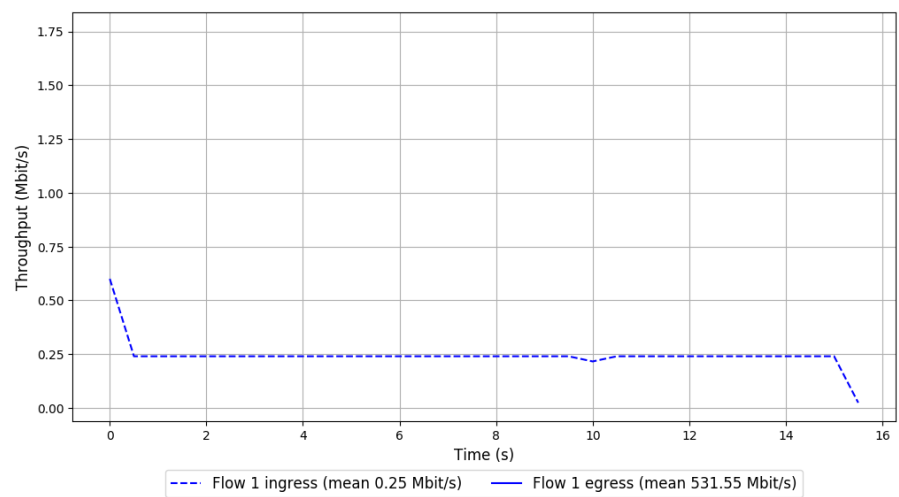
Start at: Sun, 16 Jul 2017 20:43:21 +0000

End at: Sun, 16 Jul 2017 20:43:51 +0000

Local clock offset: 0.114 ms

Remote clock offset: -9.272 ms

Run 6: Report of CalibratedKoho — Data Link



Run 7: Statistics of CalibratedKoho

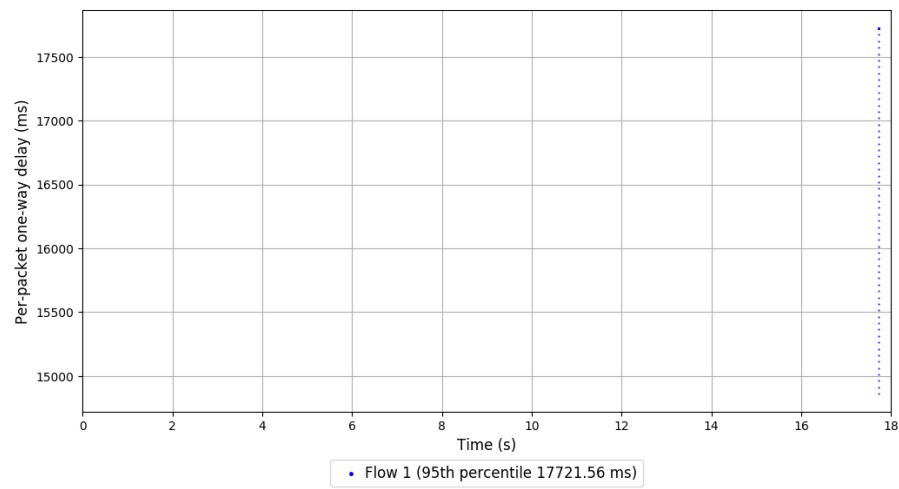
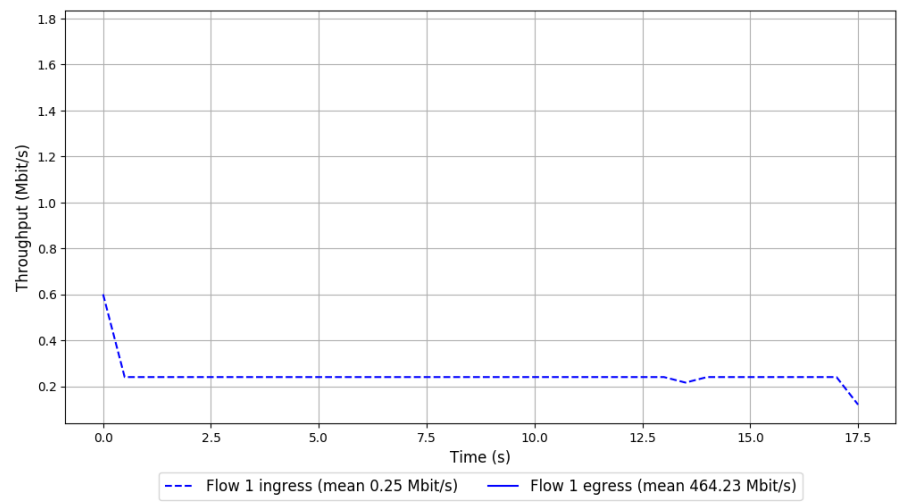
Start at: Sun, 16 Jul 2017 21:00:47 +0000

End at: Sun, 16 Jul 2017 21:01:17 +0000

Local clock offset: 2.751 ms

Remote clock offset: -10.866 ms

Run 7: Report of CalibratedKoho — Data Link



Run 8: Statistics of CalibratedKoho

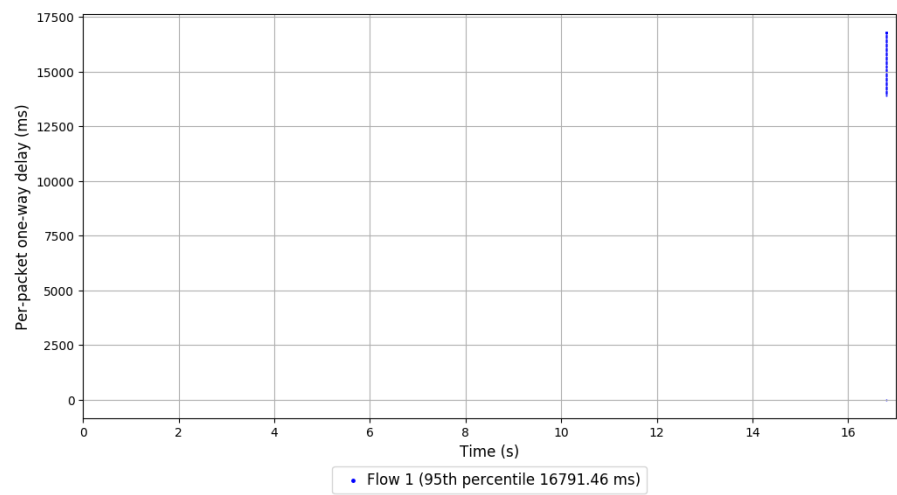
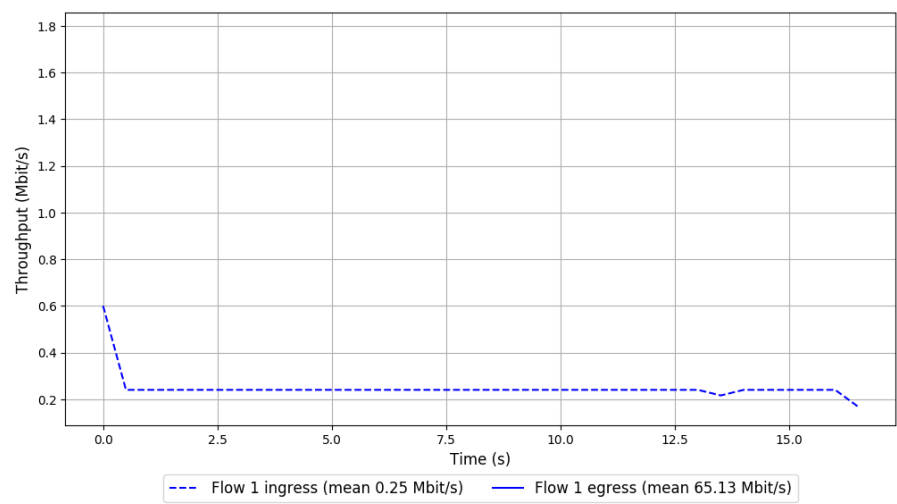
Start at: Sun, 16 Jul 2017 21:18:06 +0000

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

Local clock offset: 0.391 ms

Remote clock offset: -11.101 ms

Run 8: Report of CalibratedKoho — Data Link



Run 9: Statistics of CalibratedKoho

Start at: Sun, 16 Jul 2017 21:35:48 +0000

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

Local clock offset: 2.236 ms

Remote clock offset: -11.433 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:25:59 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.11 Mbit/s

95th percentile per-packet one-way delay: 1.262 ms

Loss rate: 0.00%

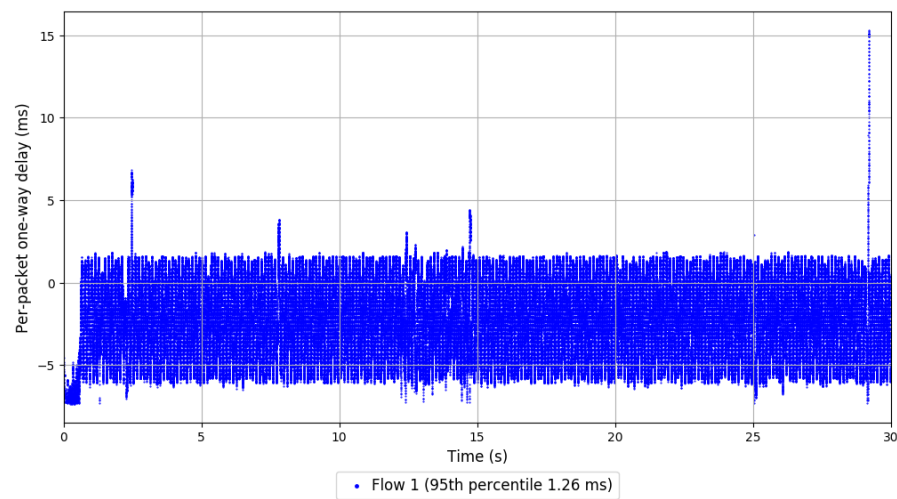
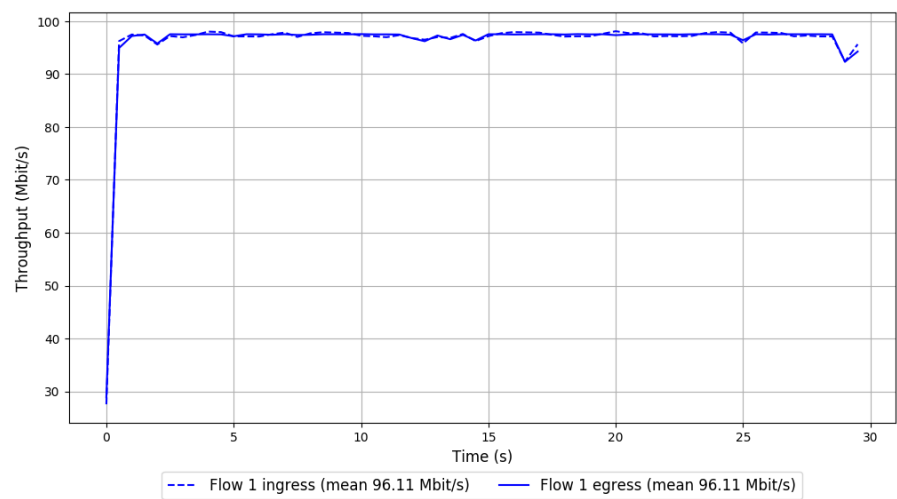
-- Flow 1:

Average throughput: 96.11 Mbit/s

95th percentile per-packet one-way delay: 1.262 ms

Loss rate: 0.00%

Run 9: Report of CalibratedKoho — Data Link



Run 10: Statistics of CalibratedKoho

Start at: Sun, 16 Jul 2017 21:53:39 +0000

End at: Sun, 16 Jul 2017 21:54:09 +0000

Local clock offset: 3.035 ms

Remote clock offset: -12.269 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:26:06 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.00 Mbit/s

95th percentile per-packet one-way delay: 0.609 ms

Loss rate: 0.00%

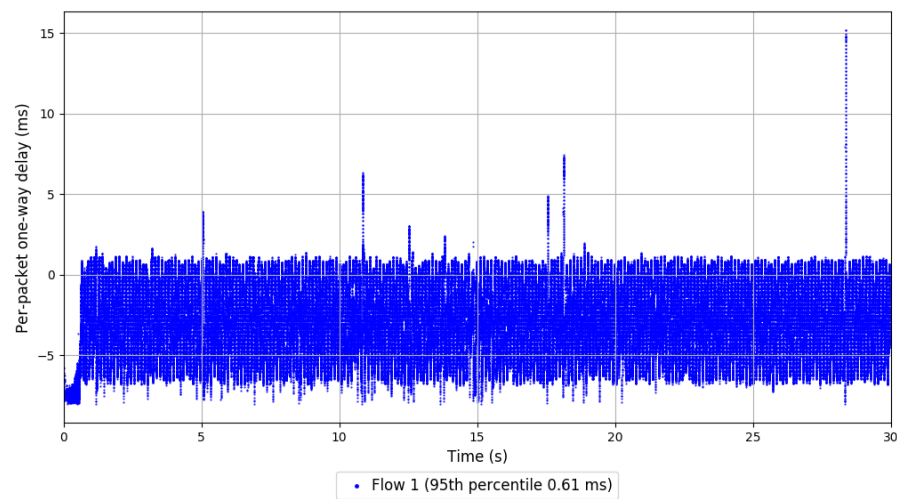
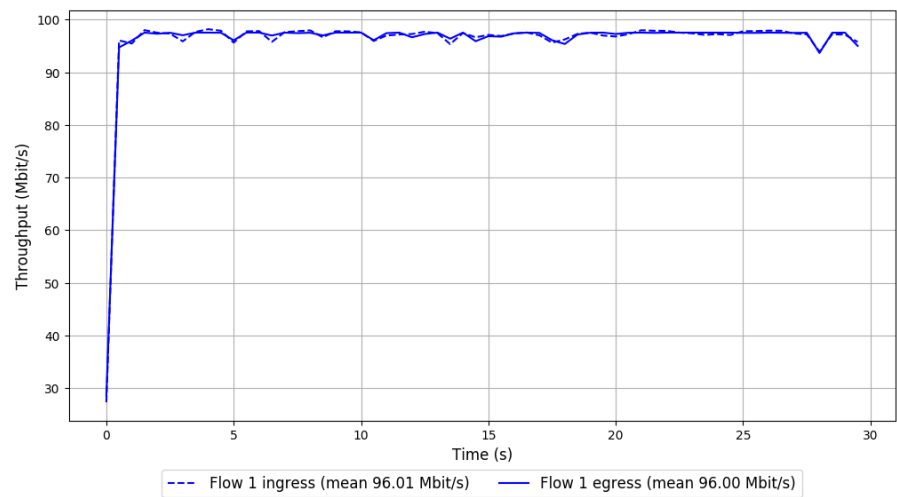
-- Flow 1:

Average throughput: 96.00 Mbit/s

95th percentile per-packet one-way delay: 0.609 ms

Loss rate: 0.00%

Run 10: Report of CalibratedKoho — Data Link



Run 1: Statistics of Copa

Start at: Sun, 16 Jul 2017 19:20:11 +0000

End at: Sun, 16 Jul 2017 19:20:41 +0000

Local clock offset: -0.594 ms

Remote clock offset: -10.473 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:26:11 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 48.75 Mbit/s

95th percentile per-packet one-way delay: -4.195 ms

Loss rate: 0.00%

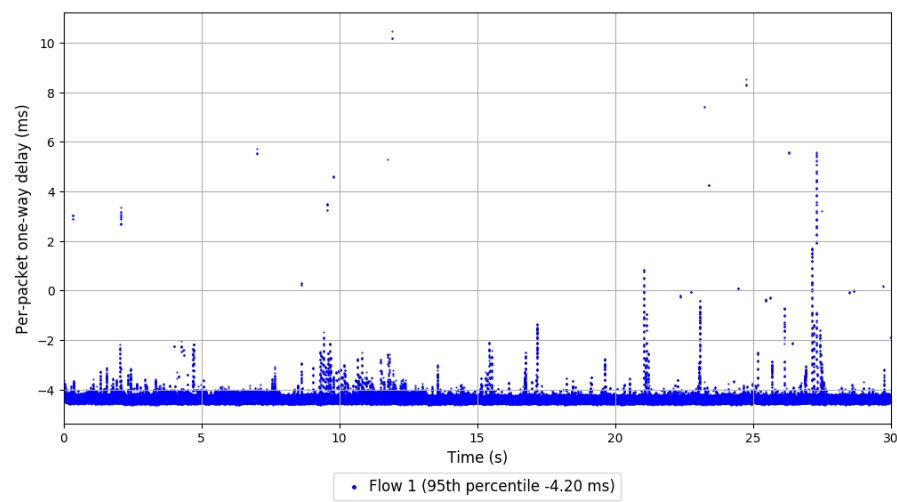
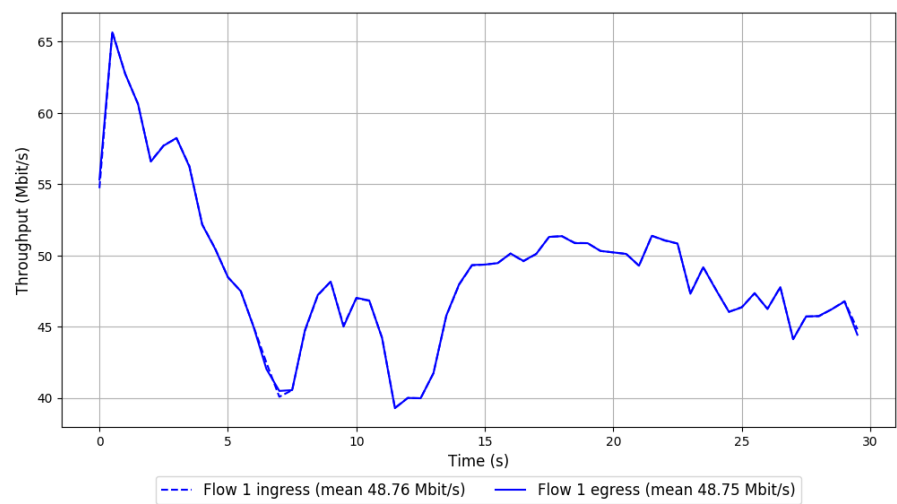
-- Flow 1:

Average throughput: 48.75 Mbit/s

95th percentile per-packet one-way delay: -4.195 ms

Loss rate: 0.00%

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: Sun, 16 Jul 2017 19:38:10 +0000

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

Local clock offset: 1.106 ms

Remote clock offset: -10.589 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:26:16 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 38.84 Mbit/s

95th percentile per-packet one-way delay: -6.209 ms

Loss rate: 0.00%

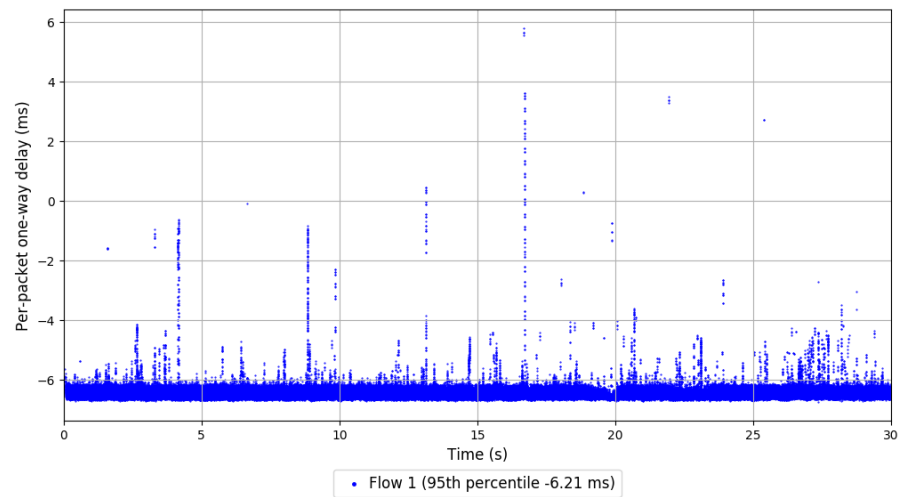
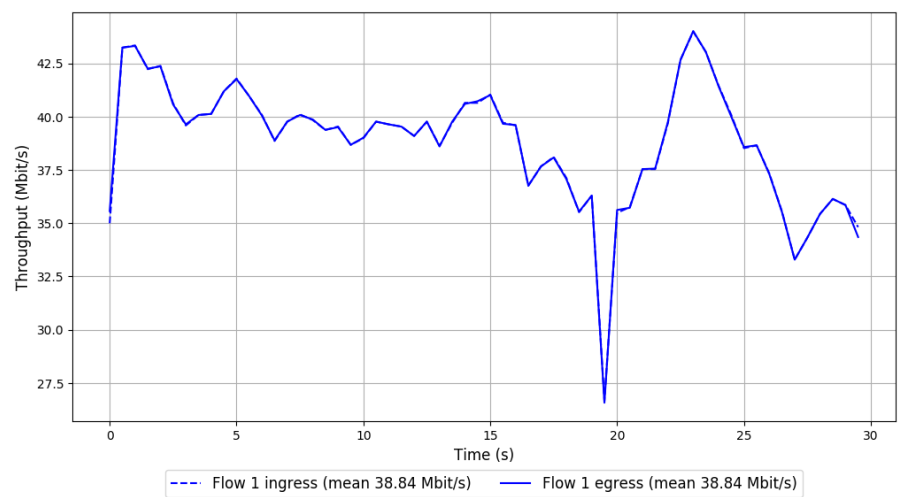
-- Flow 1:

Average throughput: 38.84 Mbit/s

95th percentile per-packet one-way delay: -6.209 ms

Loss rate: 0.00%

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

Start at: Sun, 16 Jul 2017 19:55:42 +0000

End at: Sun, 16 Jul 2017 19:56:12 +0000

Local clock offset: 0.557 ms

Remote clock offset: -10.483 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:26:22 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 45.78 Mbit/s

95th percentile per-packet one-way delay: -5.630 ms

Loss rate: 0.00%

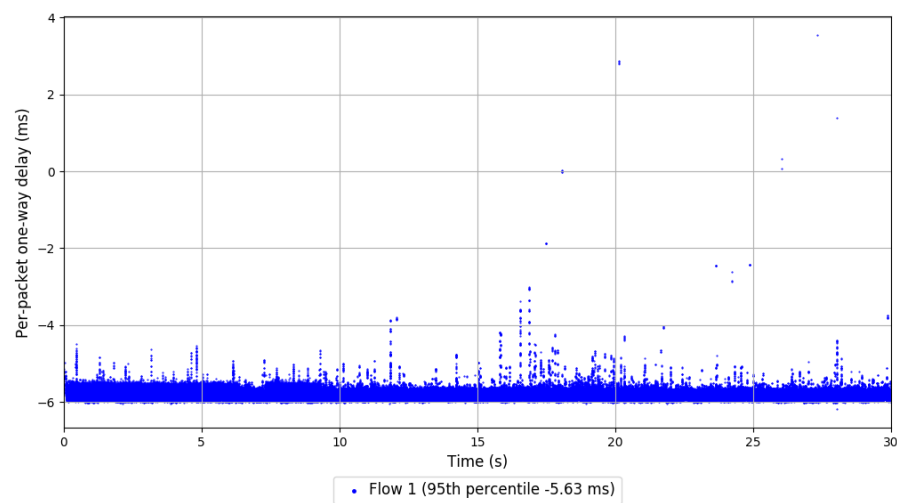
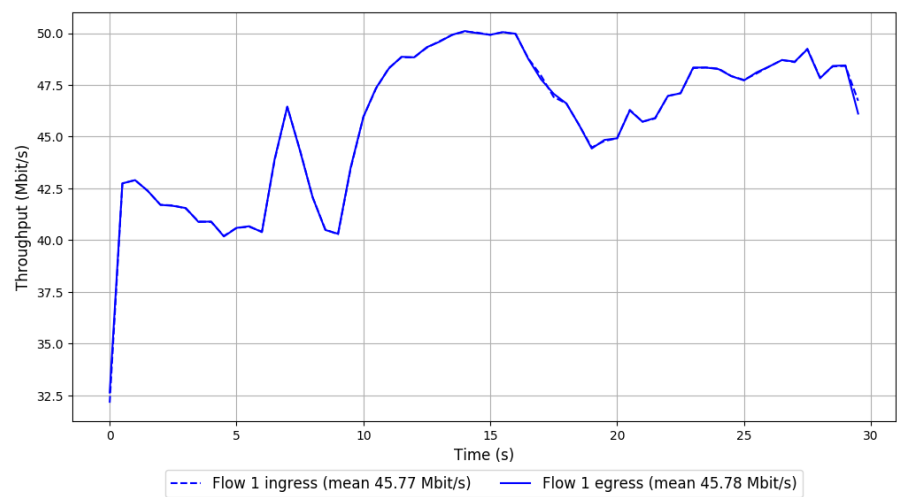
-- Flow 1:

Average throughput: 45.78 Mbit/s

95th percentile per-packet one-way delay: -5.630 ms

Loss rate: 0.00%

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: Sun, 16 Jul 2017 20:12:53 +0000

End at: Sun, 16 Jul 2017 20:13:23 +0000

Local clock offset: 3.306 ms

Remote clock offset: -9.96 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:26:28 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 46.68 Mbit/s

95th percentile per-packet one-way delay: -7.924 ms

Loss rate: 0.00%

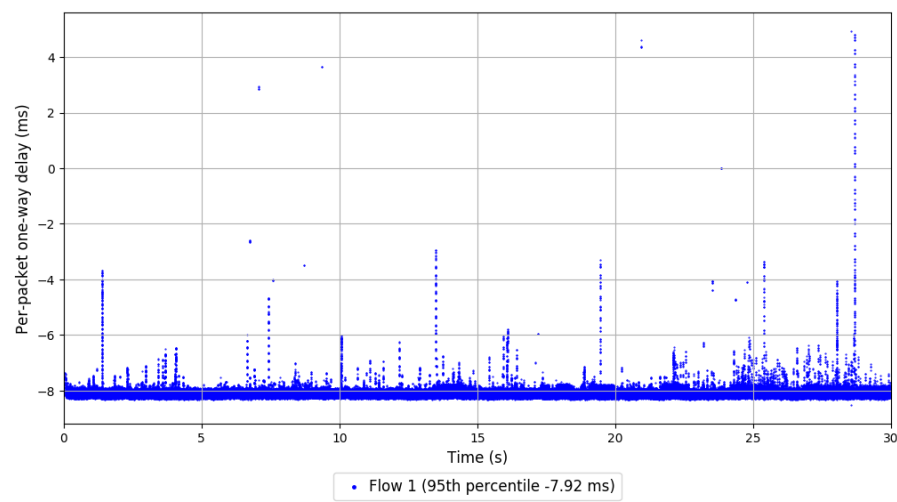
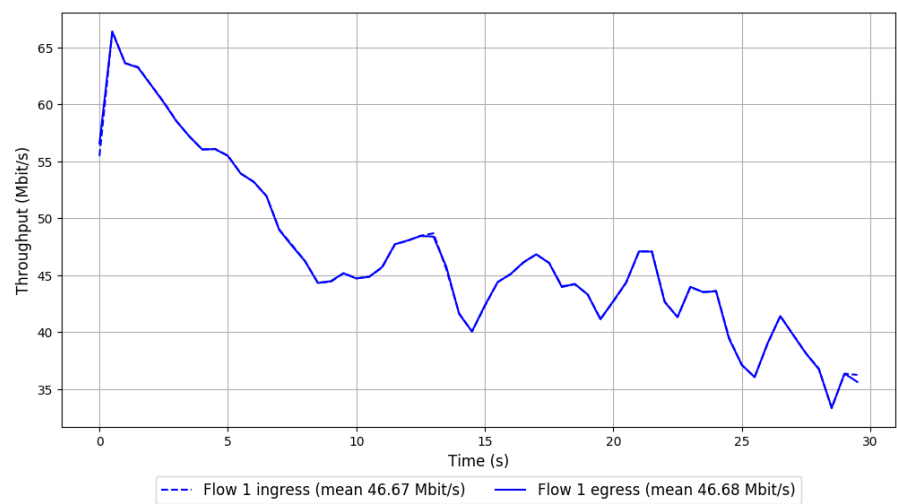
-- Flow 1:

Average throughput: 46.68 Mbit/s

95th percentile per-packet one-way delay: -7.924 ms

Loss rate: 0.00%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: Sun, 16 Jul 2017 20:30:32 +0000

End at: Sun, 16 Jul 2017 20:31:02 +0000

Local clock offset: 0.846 ms

Remote clock offset: -10.211 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:26:33 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 44.63 Mbit/s

95th percentile per-packet one-way delay: -5.898 ms

Loss rate: 0.00%

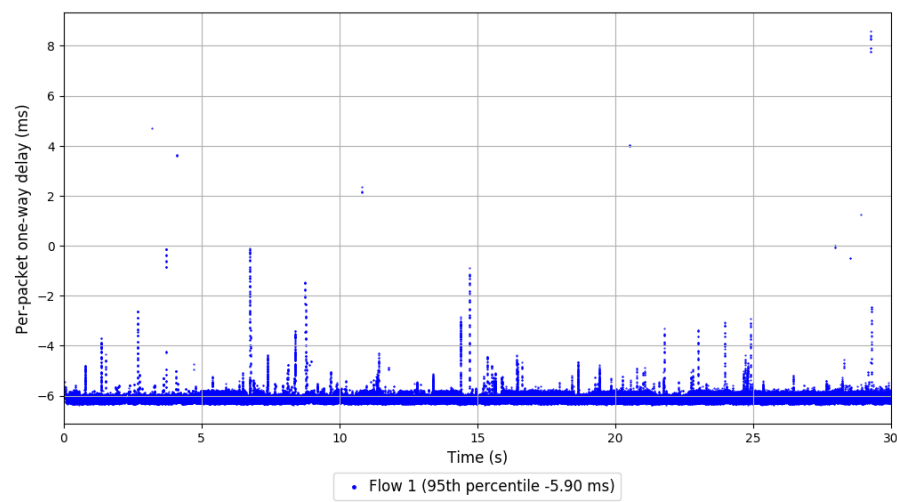
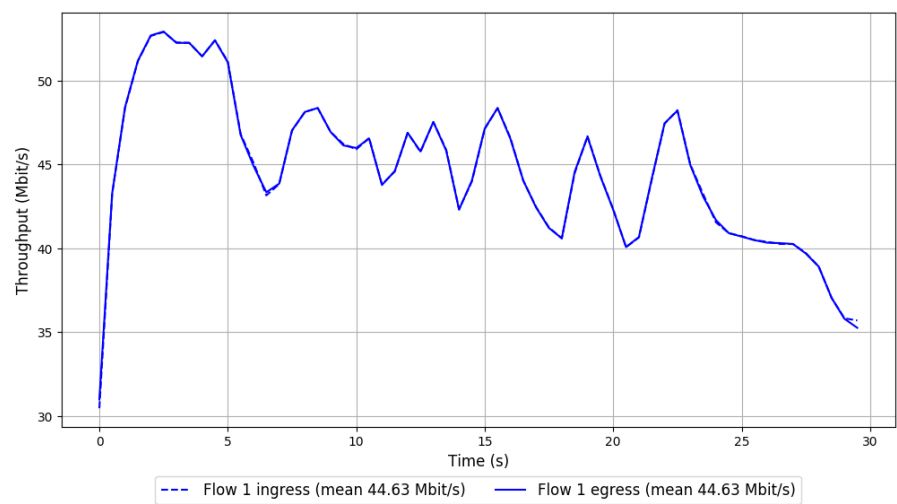
-- Flow 1:

Average throughput: 44.63 Mbit/s

95th percentile per-packet one-way delay: -5.898 ms

Loss rate: 0.00%

Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: Sun, 16 Jul 2017 20:48:06 +0000

End at: Sun, 16 Jul 2017 20:48:36 +0000

Local clock offset: -0.077 ms

Remote clock offset: -9.096 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:26:39 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 43.00 Mbit/s

95th percentile per-packet one-way delay: -4.155 ms

Loss rate: 0.00%

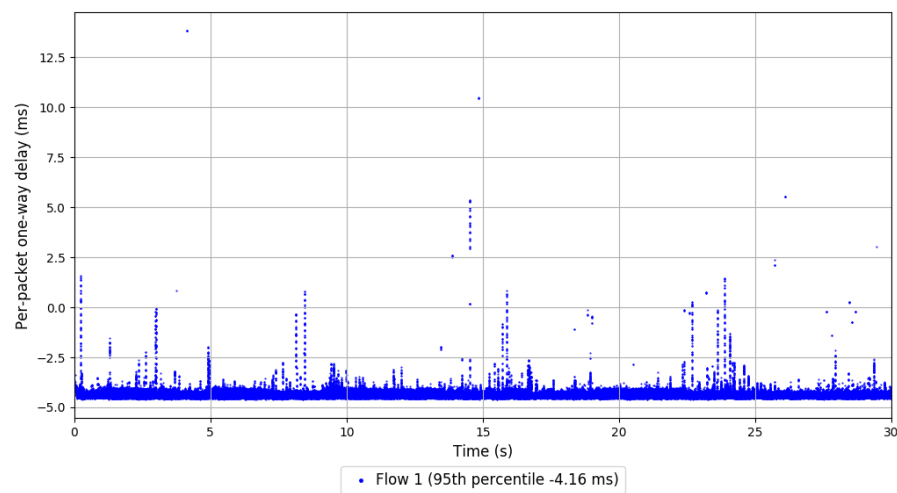
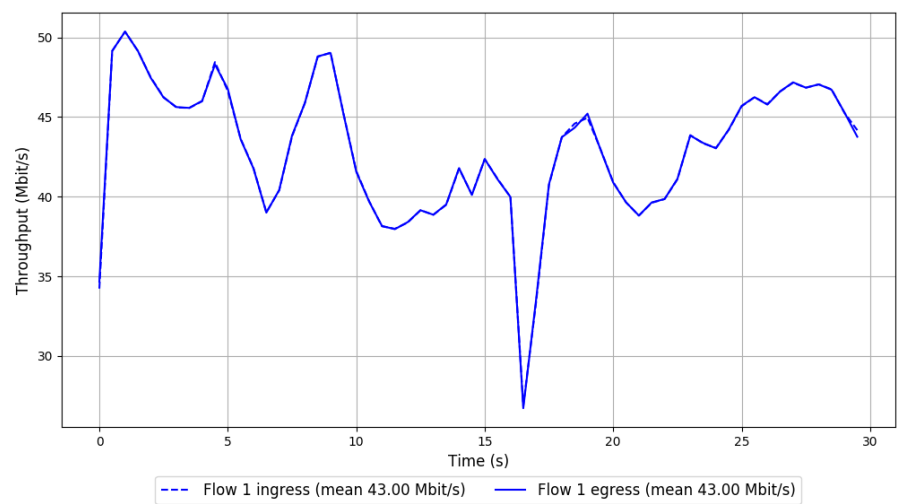
-- Flow 1:

Average throughput: 43.00 Mbit/s

95th percentile per-packet one-way delay: -4.155 ms

Loss rate: 0.00%

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

Start at: Sun, 16 Jul 2017 21:05:29 +0000

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

Local clock offset: 0.844 ms

Remote clock offset: -11.597 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:26:46 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 49.98 Mbit/s

95th percentile per-packet one-way delay: -7.240 ms

Loss rate: 0.00%

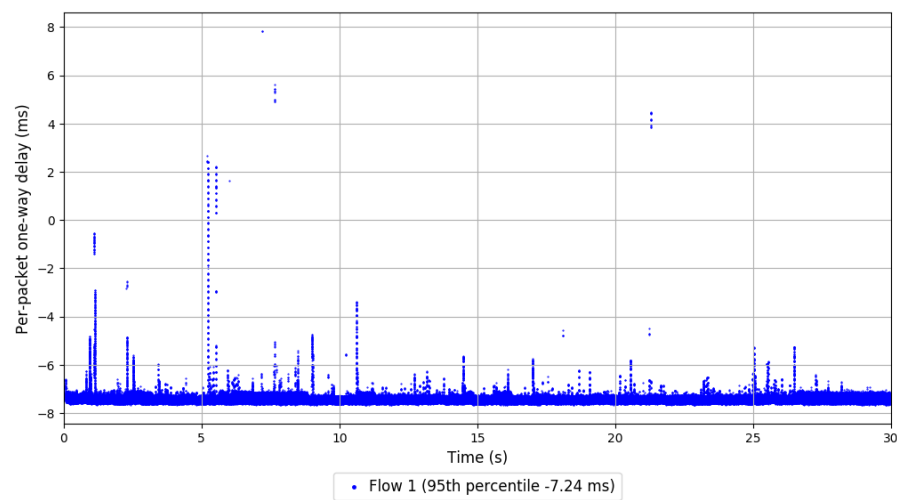
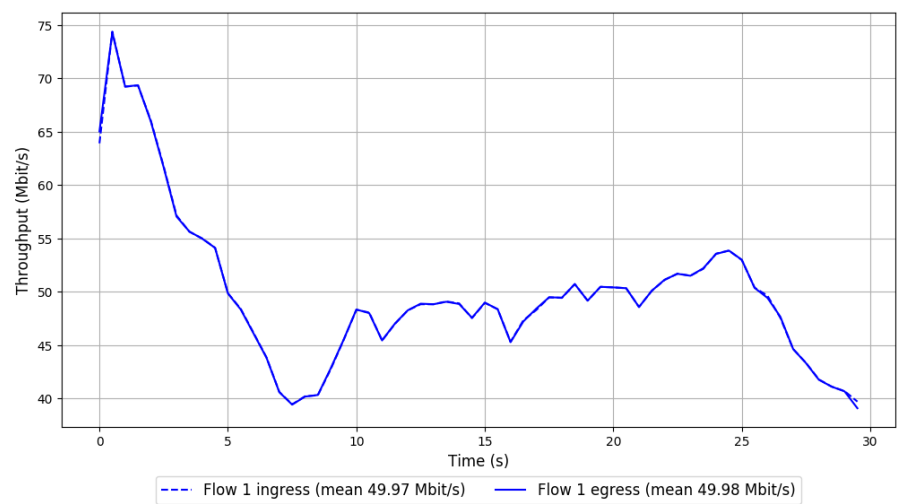
-- Flow 1:

Average throughput: 49.98 Mbit/s

95th percentile per-packet one-way delay: -7.240 ms

Loss rate: 0.00%

Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

Start at: Sun, 16 Jul 2017 21:22:50 +0000

End at: Sun, 16 Jul 2017 21:23:20 +0000

Local clock offset: 3.392 ms

Remote clock offset: -11.866 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:26:51 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 46.38 Mbit/s

95th percentile per-packet one-way delay: -9.093 ms

Loss rate: 0.00%

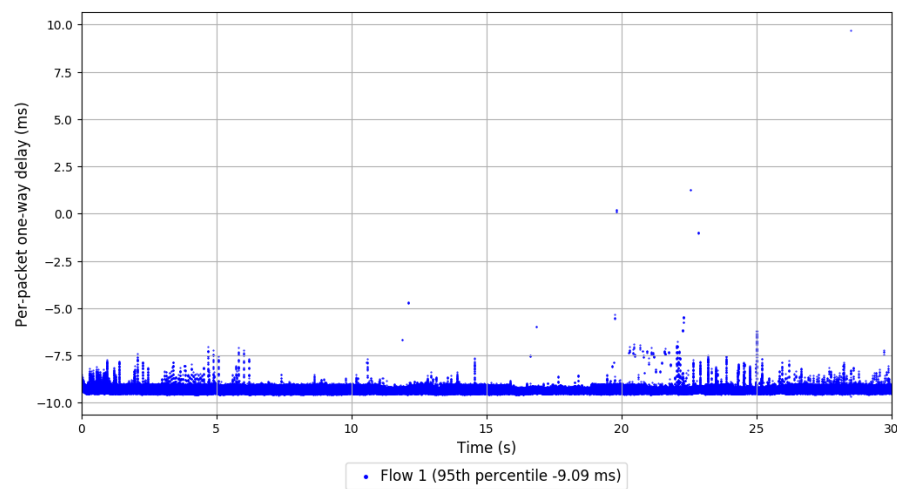
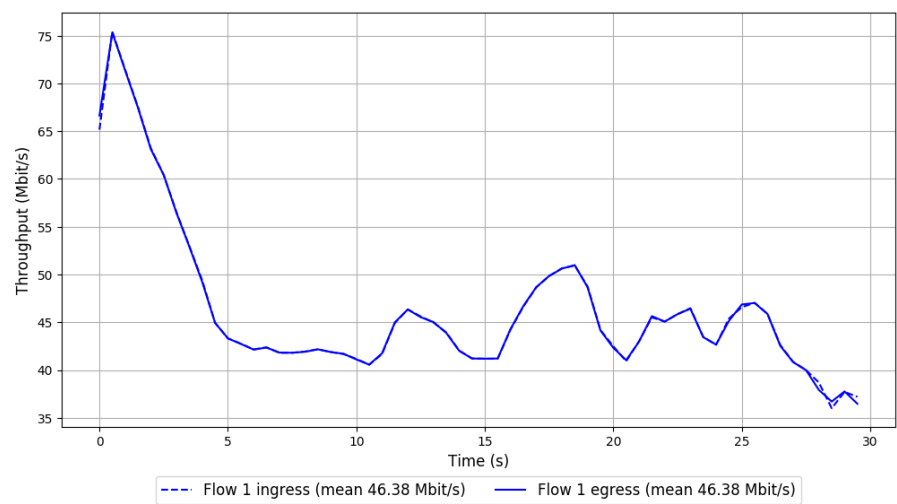
-- Flow 1:

Average throughput: 46.38 Mbit/s

95th percentile per-packet one-way delay: -9.093 ms

Loss rate: 0.00%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: Sun, 16 Jul 2017 21:40:44 +0000

End at: Sun, 16 Jul 2017 21:41:14 +0000

Local clock offset: 1.328 ms

Remote clock offset: -11.99 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:26:57 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 44.34 Mbit/s

95th percentile per-packet one-way delay: -6.192 ms

Loss rate: 0.00%

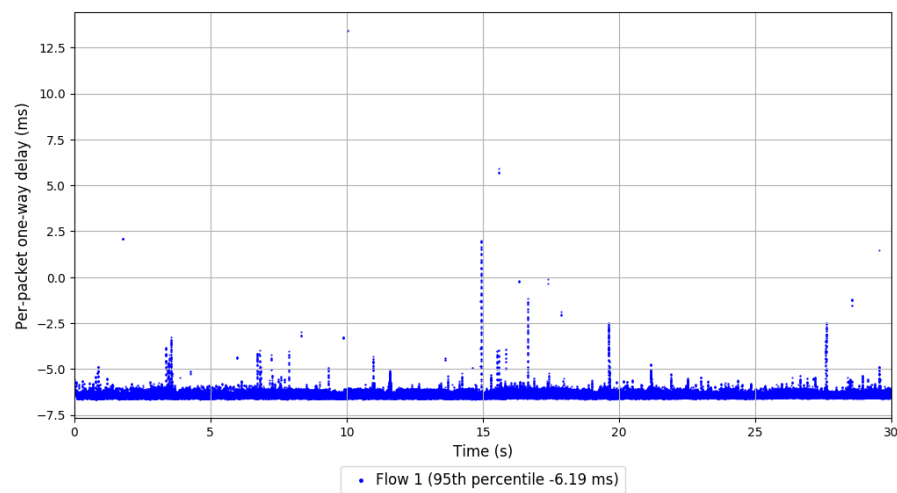
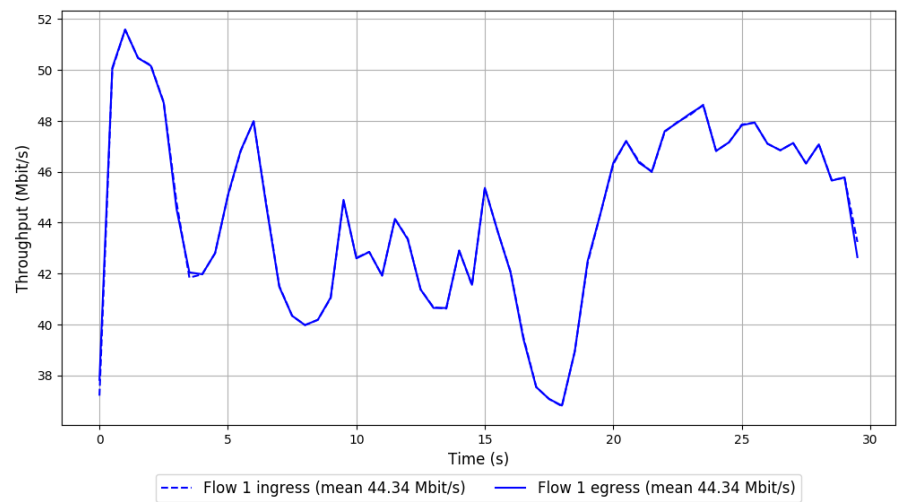
-- Flow 1:

Average throughput: 44.34 Mbit/s

95th percentile per-packet one-way delay: -6.192 ms

Loss rate: 0.00%

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: Sun, 16 Jul 2017 21:58:31 +0000

End at: Sun, 16 Jul 2017 21:59:01 +0000

Local clock offset: 3.481 ms

Remote clock offset: -13.91 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 41.35 Mbit/s

95th percentile per-packet one-way delay: -9.526 ms

Loss rate: 0.00%

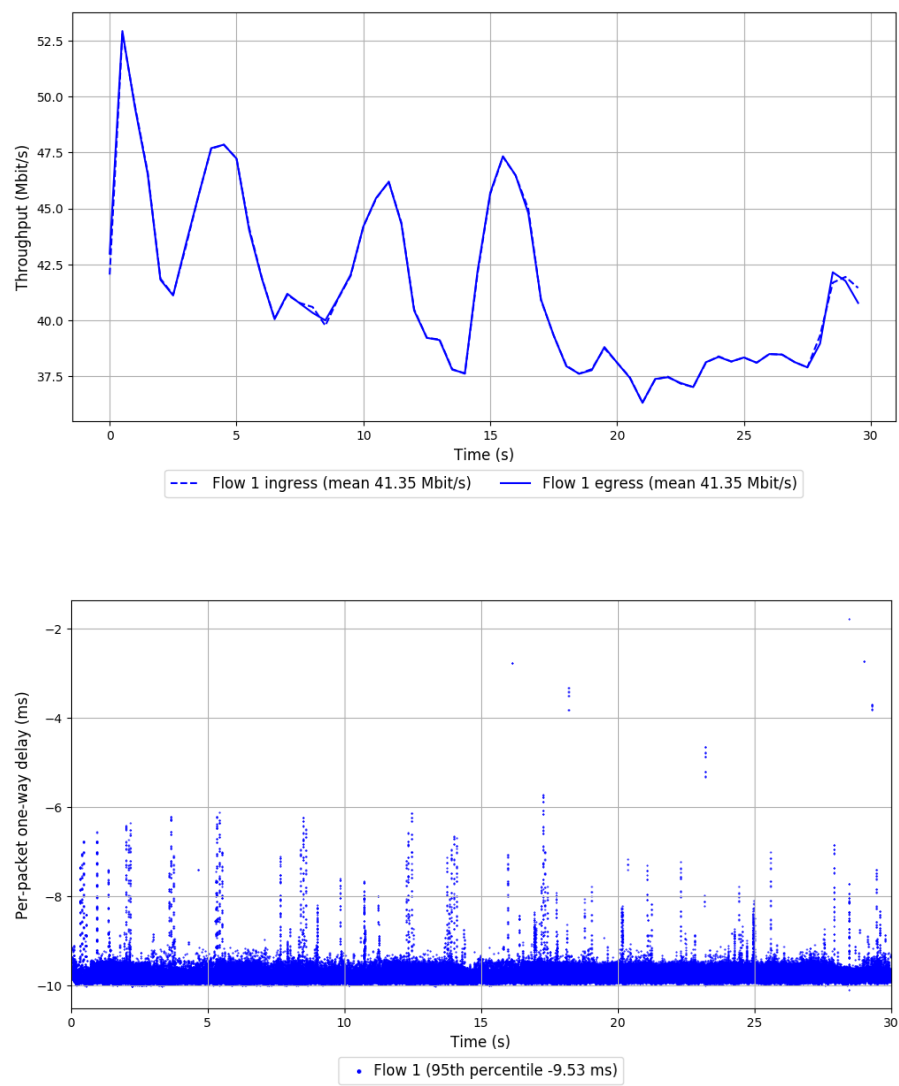
-- Flow 1:

Average throughput: 41.35 Mbit/s

95th percentile per-packet one-way delay: -9.526 ms

Loss rate: 0.00%

Run 10: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

Start at: Sun, 16 Jul 2017 19:18:58 +0000

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

Local clock offset: 2.96 ms

Remote clock offset: -11.802 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:27:09 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.18 Mbit/s

95th percentile per-packet one-way delay: 24.637 ms

Loss rate: 0.30%

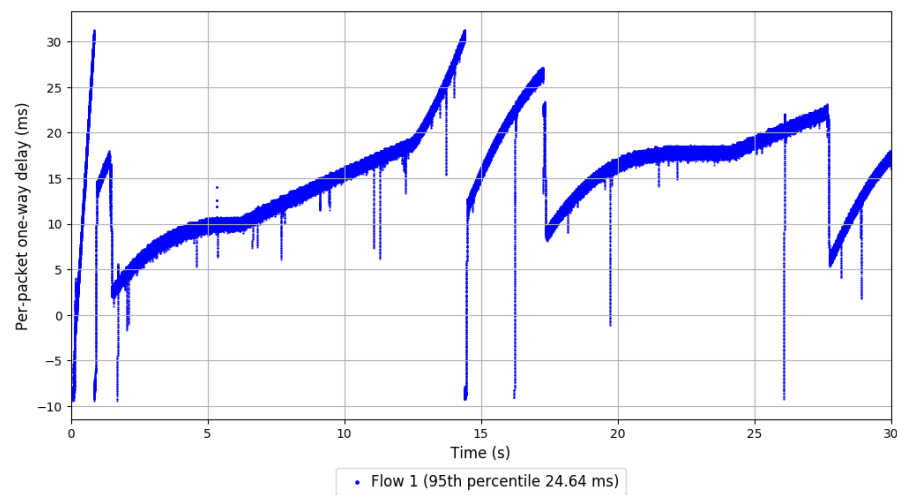
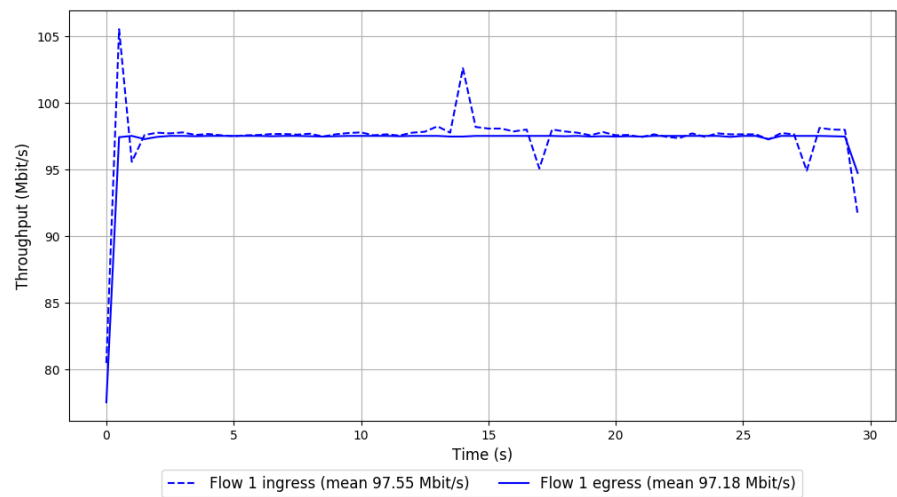
-- Flow 1:

Average throughput: 97.18 Mbit/s

95th percentile per-packet one-way delay: 24.637 ms

Loss rate: 0.30%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: Sun, 16 Jul 2017 19:36:54 +0000

End at: Sun, 16 Jul 2017 19:37:24 +0000

Local clock offset: 4.087 ms

Remote clock offset: -9.995 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:27:15 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.15 Mbit/s

95th percentile per-packet one-way delay: 29.074 ms

Loss rate: 0.23%

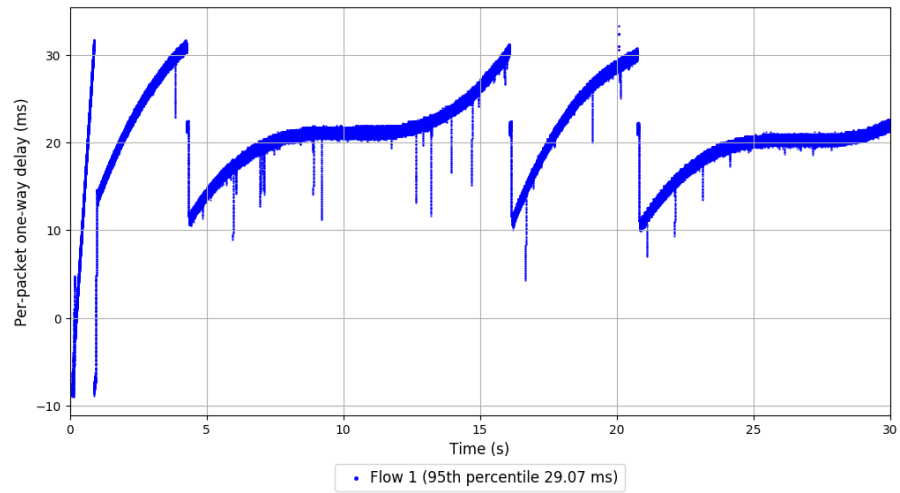
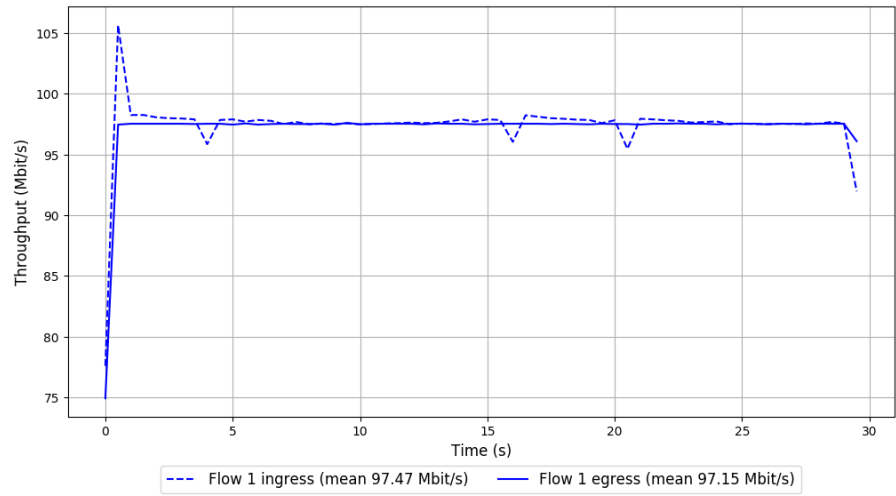
-- Flow 1:

Average throughput: 97.15 Mbit/s

95th percentile per-packet one-way delay: 29.074 ms

Loss rate: 0.23%

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: Sun, 16 Jul 2017 19:54:31 +0000

End at: Sun, 16 Jul 2017 19:55:01 +0000

Local clock offset: 0.495 ms

Remote clock offset: -9.618 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:27:22 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.14 Mbit/s

95th percentile per-packet one-way delay: 32.989 ms

Loss rate: 0.33%

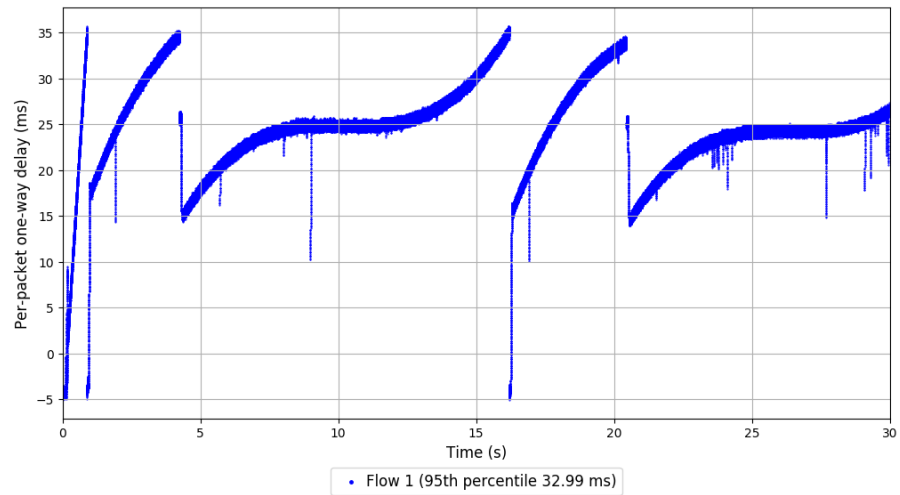
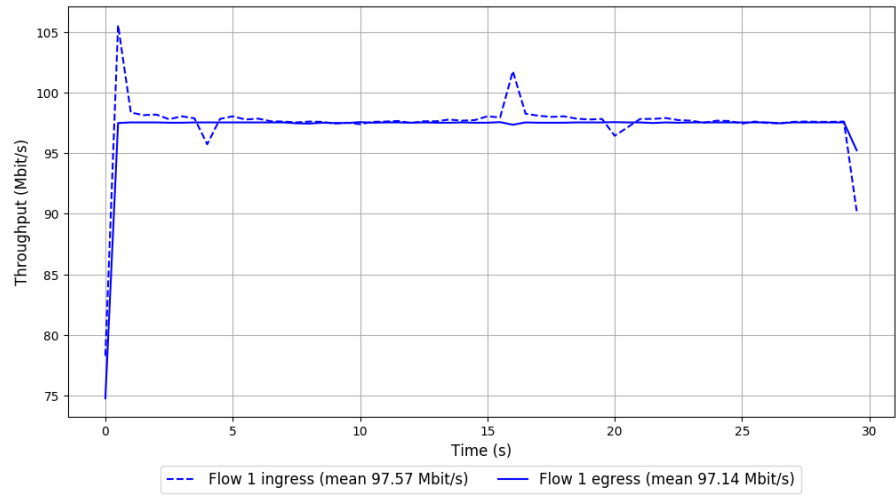
-- Flow 1:

Average throughput: 97.14 Mbit/s

95th percentile per-packet one-way delay: 32.989 ms

Loss rate: 0.33%

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: Sun, 16 Jul 2017 20:11:42 +0000

End at: Sun, 16 Jul 2017 20:12:12 +0000

Local clock offset: 4.491 ms

Remote clock offset: -9.628 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:27:28 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.15 Mbit/s

95th percentile per-packet one-way delay: 28.953 ms

Loss rate: 0.33%

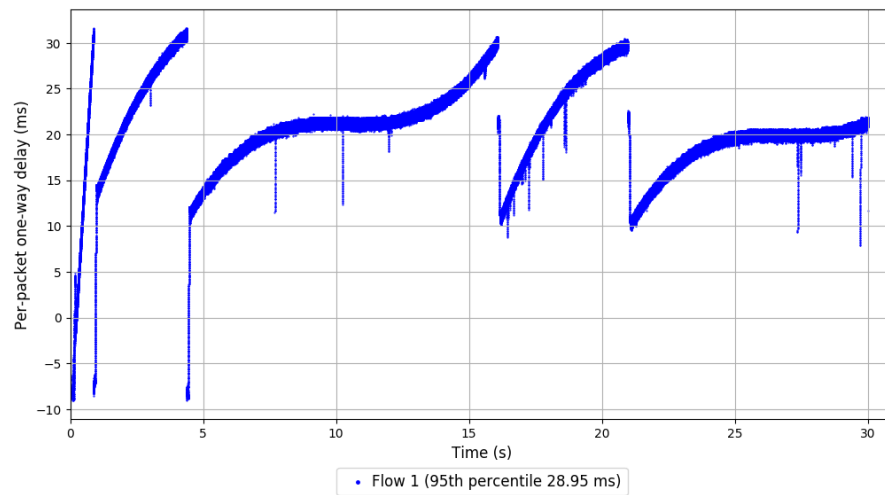
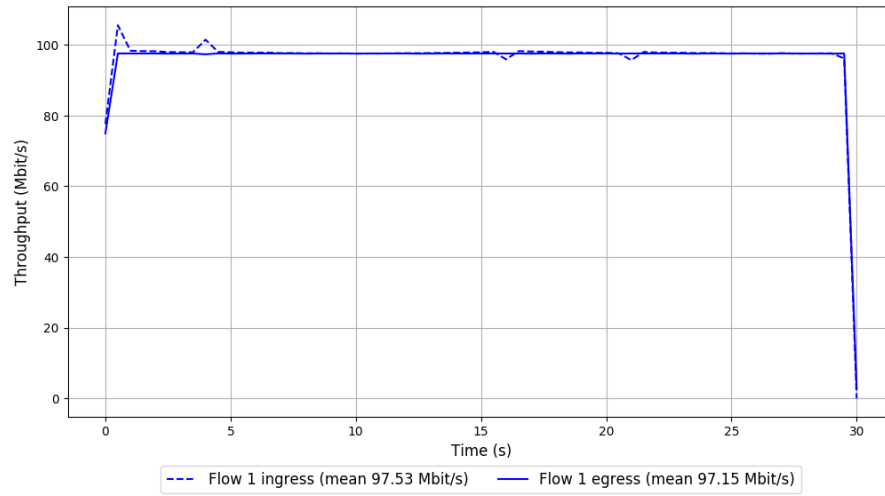
-- Flow 1:

Average throughput: 97.15 Mbit/s

95th percentile per-packet one-way delay: 28.953 ms

Loss rate: 0.33%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

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

End at: Sun, 16 Jul 2017 20:29:50 +0000

Local clock offset: 2.821 ms

Remote clock offset: -10.631 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.14 Mbit/s

95th percentile per-packet one-way delay: 28.137 ms

Loss rate: 0.30%

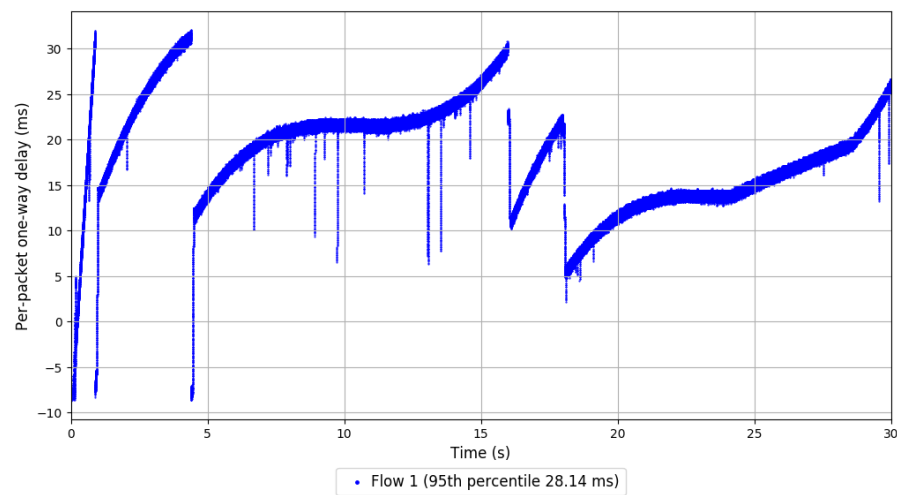
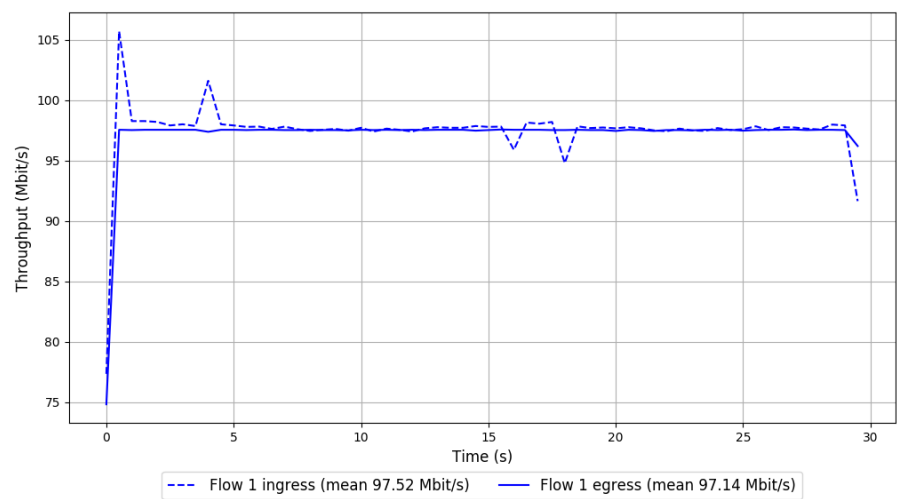
-- Flow 1:

Average throughput: 97.14 Mbit/s

95th percentile per-packet one-way delay: 28.137 ms

Loss rate: 0.30%

Run 5: Report of TCP Cubic — Data Link



Run 6: Statistics of TCP Cubic

Start at: Sun, 16 Jul 2017 20:46:55 +0000

End at: Sun, 16 Jul 2017 20:47:25 +0000

Local clock offset: 2.312 ms

Remote clock offset: -11.533 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:27:41 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.15 Mbit/s

95th percentile per-packet one-way delay: 28.367 ms

Loss rate: 0.31%

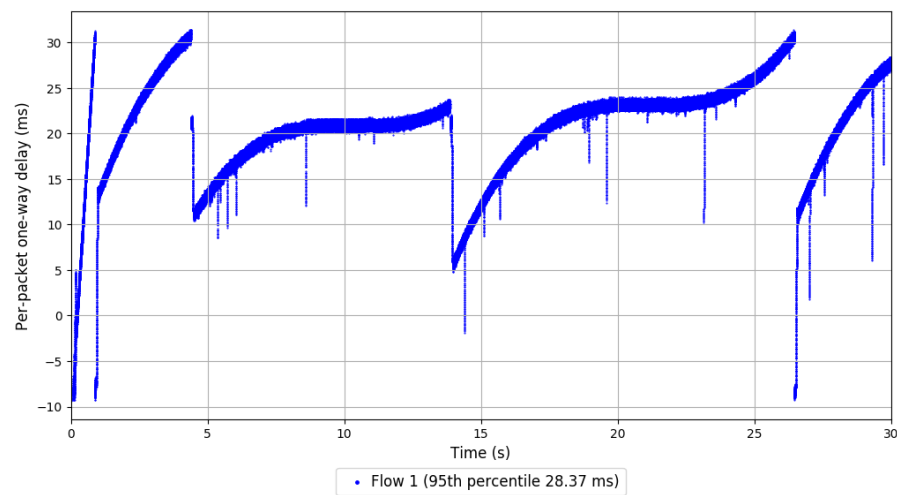
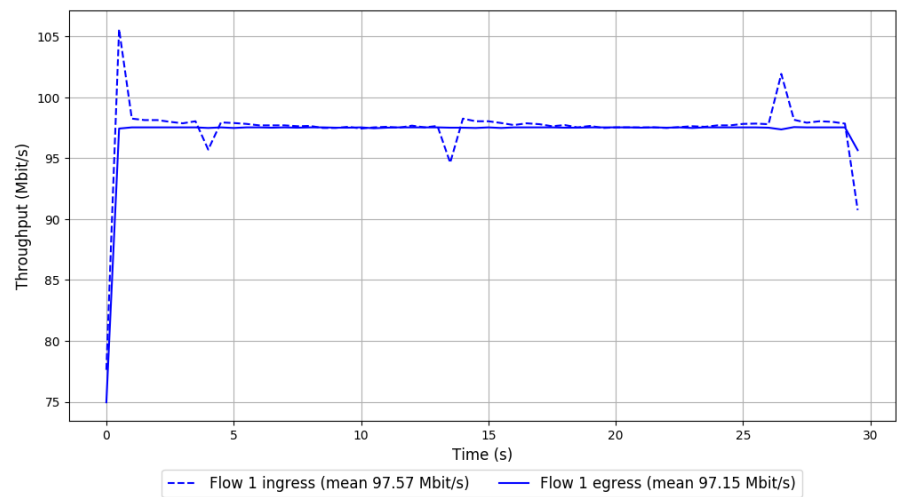
-- Flow 1:

Average throughput: 97.15 Mbit/s

95th percentile per-packet one-way delay: 28.367 ms

Loss rate: 0.31%

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: Sun, 16 Jul 2017 21:04:17 +0000

End at: Sun, 16 Jul 2017 21:04:47 +0000

Local clock offset: 3.485 ms

Remote clock offset: -9.828 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:27:48 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.15 Mbit/s

95th percentile per-packet one-way delay: 30.040 ms

Loss rate: 0.24%

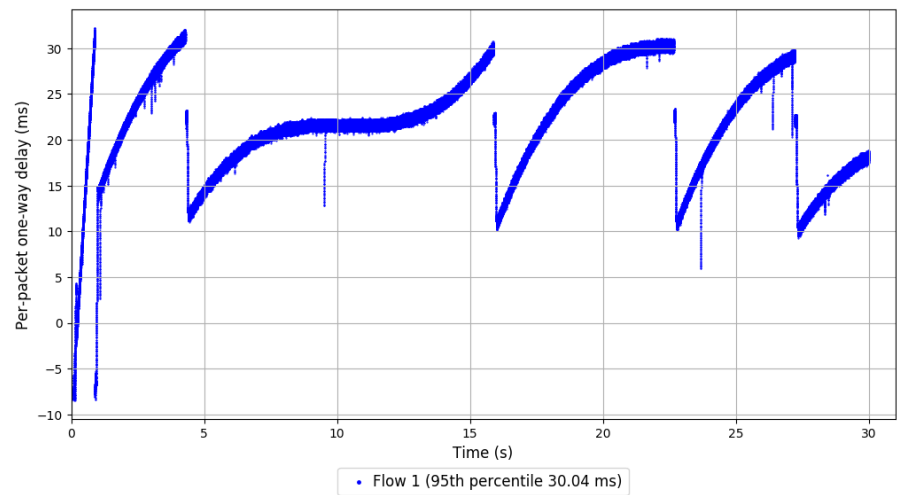
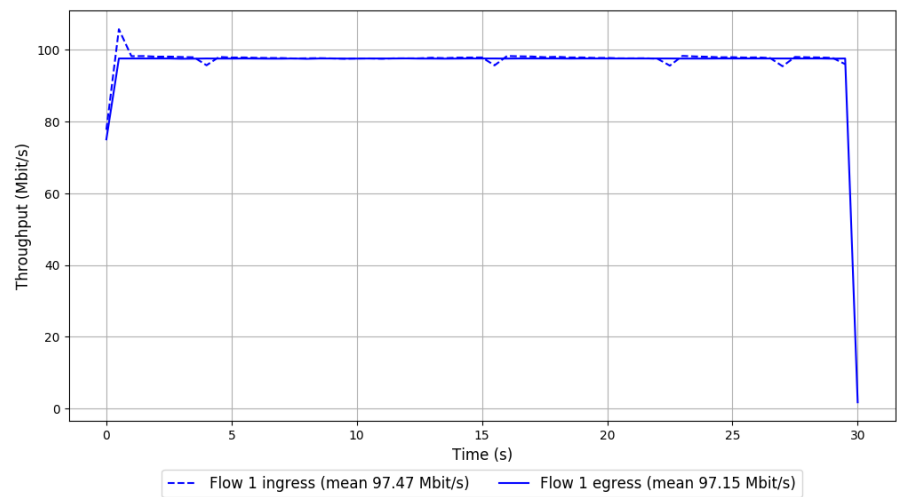
-- Flow 1:

Average throughput: 97.15 Mbit/s

95th percentile per-packet one-way delay: 30.040 ms

Loss rate: 0.24%

Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

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

End at: Sun, 16 Jul 2017 21:22:04 +0000

Local clock offset: 3.417 ms

Remote clock offset: -10.474 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:27:54 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.15 Mbit/s

95th percentile per-packet one-way delay: 29.105 ms

Loss rate: 0.42%

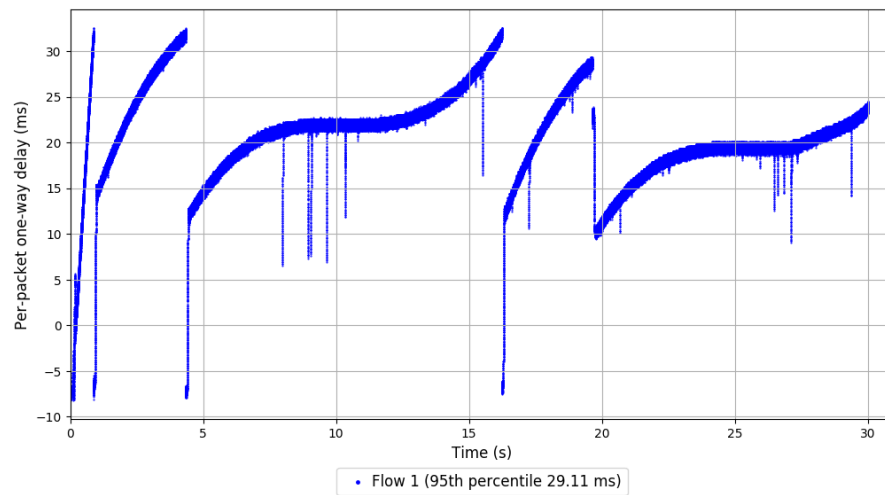
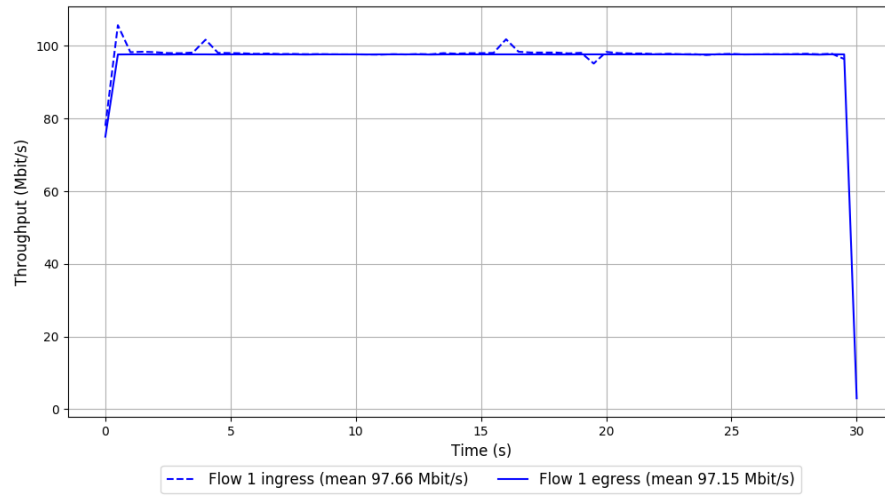
-- Flow 1:

Average throughput: 97.15 Mbit/s

95th percentile per-packet one-way delay: 29.105 ms

Loss rate: 0.42%

Run 8: Report of TCP Cubic — Data Link



Run 9: Statistics of TCP Cubic

Start at: Sun, 16 Jul 2017 21:39:30 +0000

End at: Sun, 16 Jul 2017 21:40:00 +0000

Local clock offset: 1.916 ms

Remote clock offset: -10.741 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.15 Mbit/s

95th percentile per-packet one-way delay: 27.299 ms

Loss rate: 0.06%

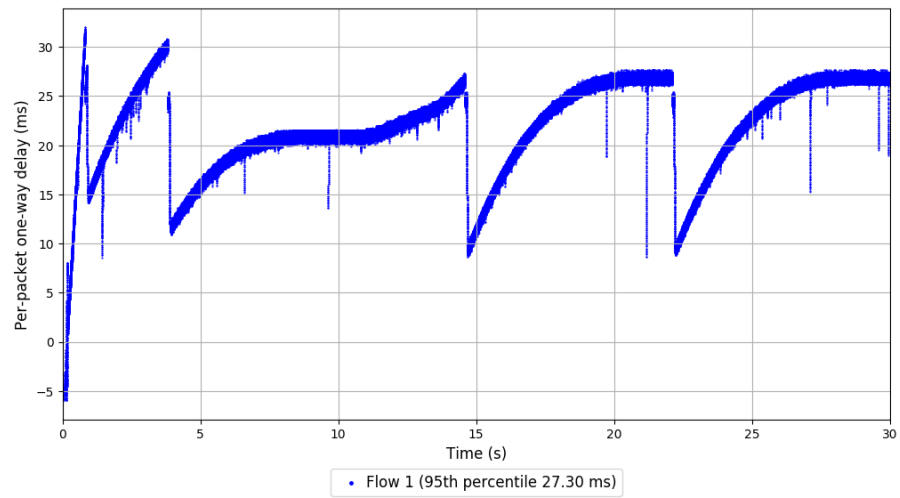
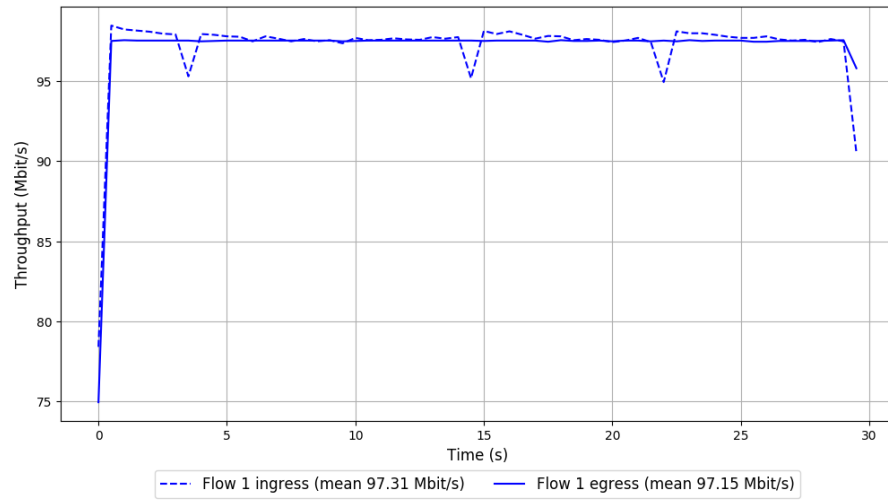
-- Flow 1:

Average throughput: 97.15 Mbit/s

95th percentile per-packet one-way delay: 27.299 ms

Loss rate: 0.06%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

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

End at: Sun, 16 Jul 2017 21:57:46 +0000

Local clock offset: 1.307 ms

Remote clock offset: -12.749 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:28:09 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.15 Mbit/s

95th percentile per-packet one-way delay: 28.408 ms

Loss rate: 0.09%

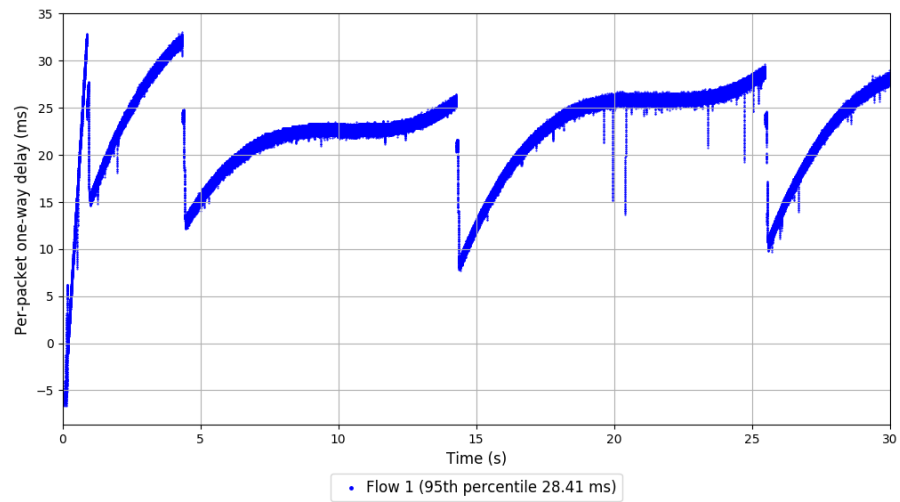
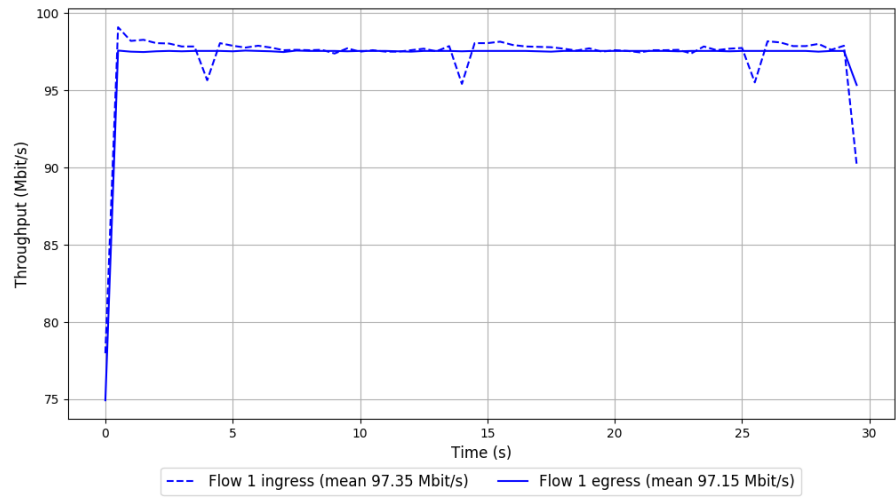
-- Flow 1:

Average throughput: 97.15 Mbit/s

95th percentile per-packet one-way delay: 28.408 ms

Loss rate: 0.09%

Run 10: Report of TCP Cubic — Data Link



Run 1: Statistics of KohoCC

Start at: Sun, 16 Jul 2017 19:24:06 +0000

End at: Sun, 16 Jul 2017 19:24:36 +0000

Local clock offset: 2.414 ms

Remote clock offset: -11.906 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:28:09 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 51.79 Mbit/s

95th percentile per-packet one-way delay: -8.414 ms

Loss rate: 0.00%

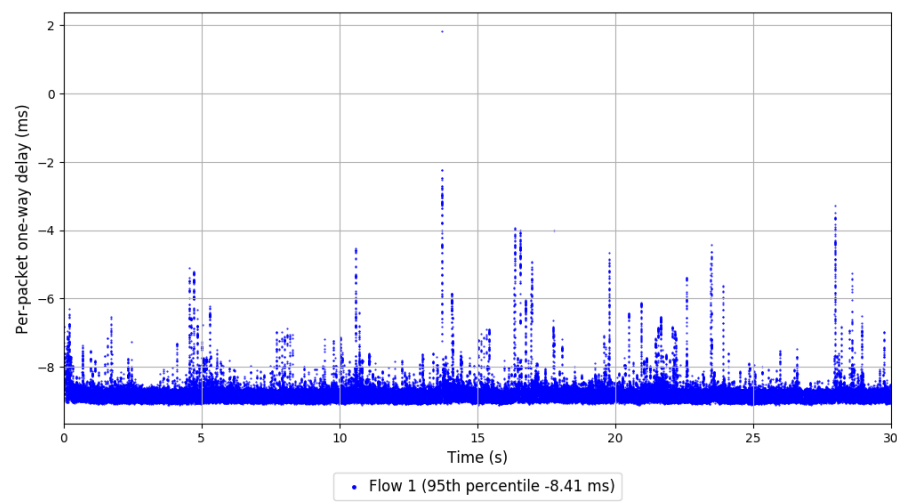
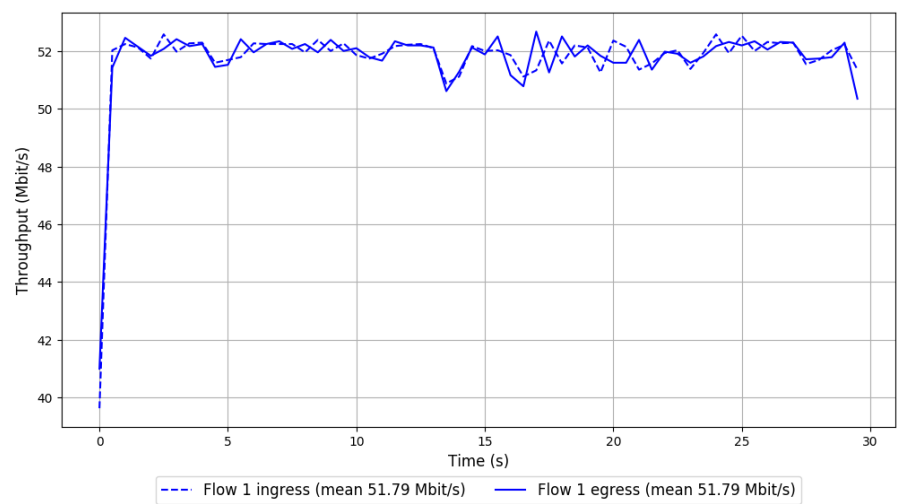
-- Flow 1:

Average throughput: 51.79 Mbit/s

95th percentile per-packet one-way delay: -8.414 ms

Loss rate: 0.00%

Run 1: Report of KohoCC — Data Link



Run 2: Statistics of KohoCC

Start at: Sun, 16 Jul 2017 19:41:50 +0000

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

Local clock offset: -0.454 ms

Remote clock offset: -12.163 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:28:16 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 47.06 Mbit/s

95th percentile per-packet one-way delay: -6.154 ms

Loss rate: 0.00%

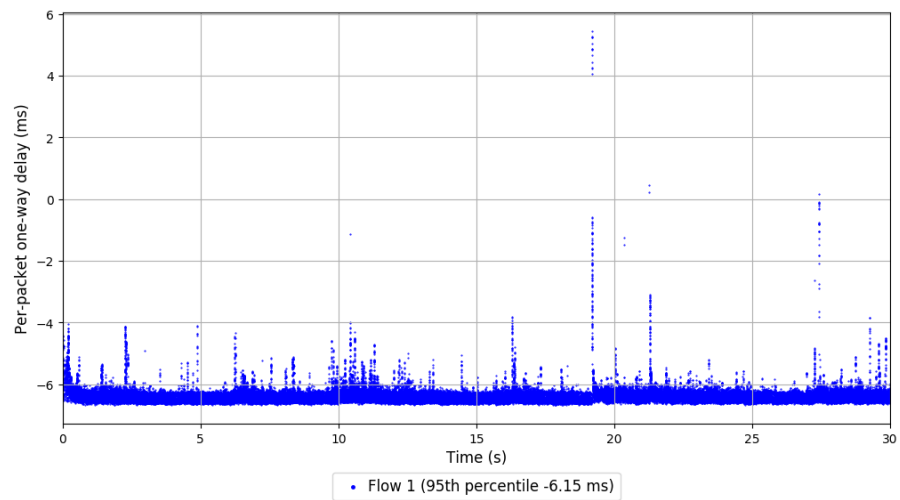
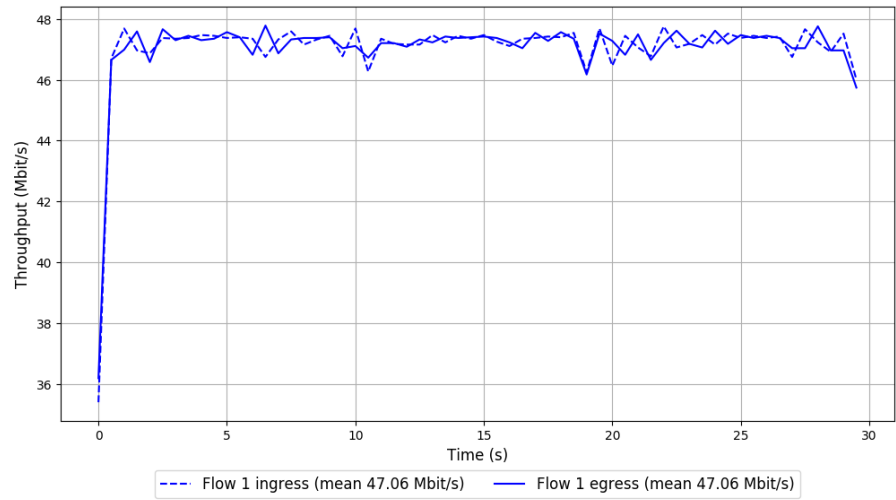
-- Flow 1:

Average throughput: 47.06 Mbit/s

95th percentile per-packet one-way delay: -6.154 ms

Loss rate: 0.00%

Run 2: Report of KohoCC — Data Link



Run 3: Statistics of KohoCC

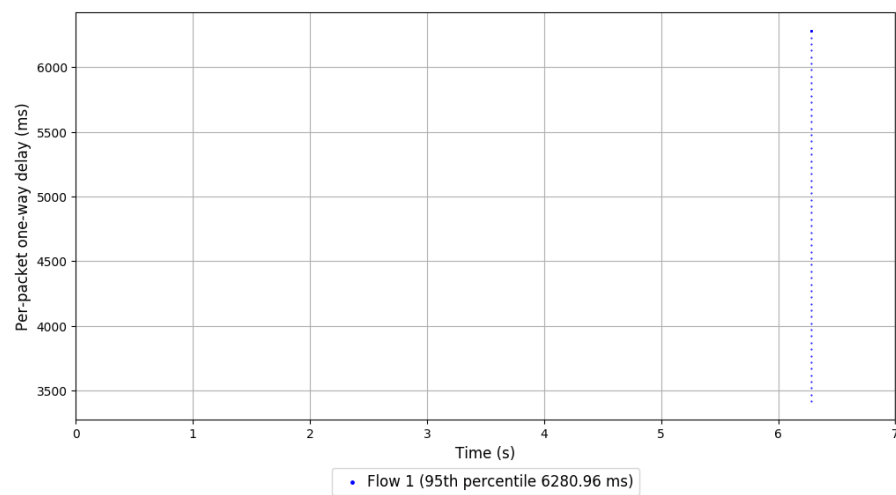
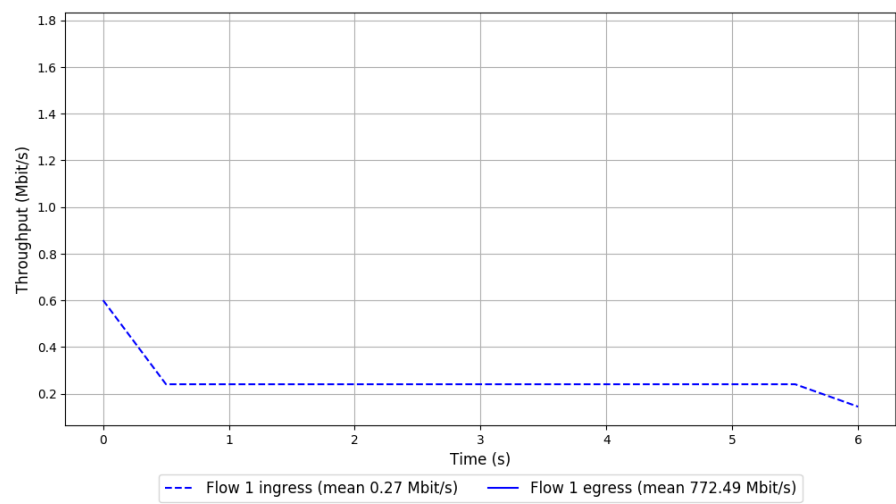
Start at: Sun, 16 Jul 2017 19:59:10 +0000

End at: Sun, 16 Jul 2017 19:59:40 +0000

Local clock offset: 2.469 ms

Remote clock offset: -9.851 ms

Run 3: Report of KohoCC — Data Link



Run 4: Statistics of KohoCC

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

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

Local clock offset: 3.481 ms

Remote clock offset: -10.979 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 46.74 Mbit/s

95th percentile per-packet one-way delay: -8.603 ms

Loss rate: 0.00%

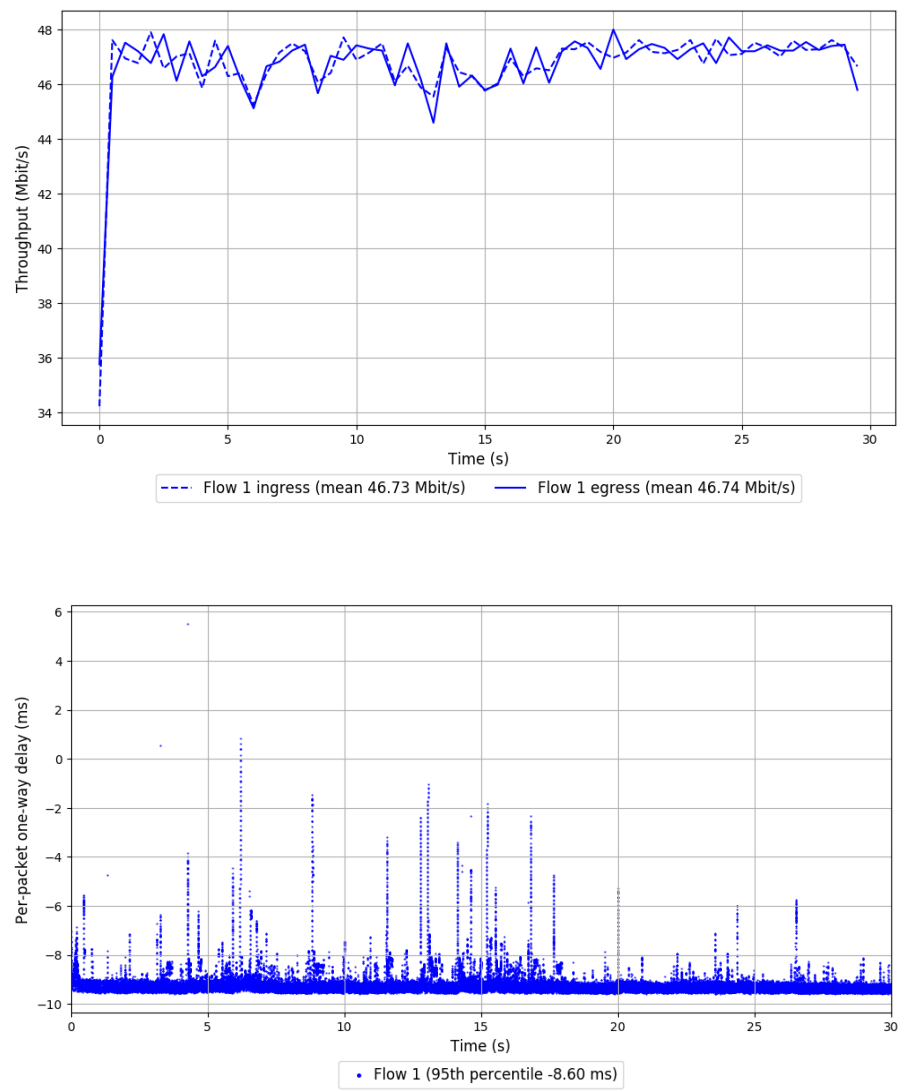
-- Flow 1:

Average throughput: 46.74 Mbit/s

95th percentile per-packet one-way delay: -8.603 ms

Loss rate: 0.00%

Run 4: Report of KohoCC — Data Link



Run 5: Statistics of KohoCC

Start at: Sun, 16 Jul 2017 20:34:08 +0000

End at: Sun, 16 Jul 2017 20:34:38 +0000

Local clock offset: 2.355 ms

Remote clock offset: -9.612 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:28:23 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 47.00 Mbit/s

95th percentile per-packet one-way delay: -6.775 ms

Loss rate: 0.00%

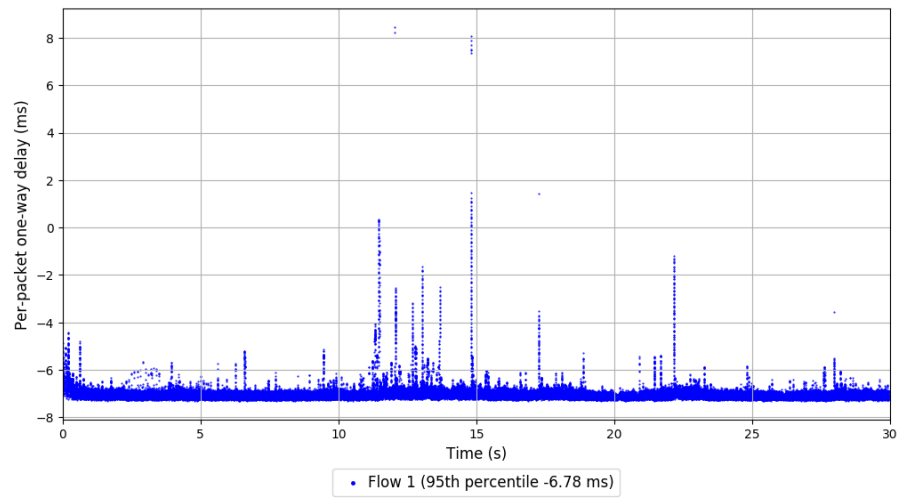
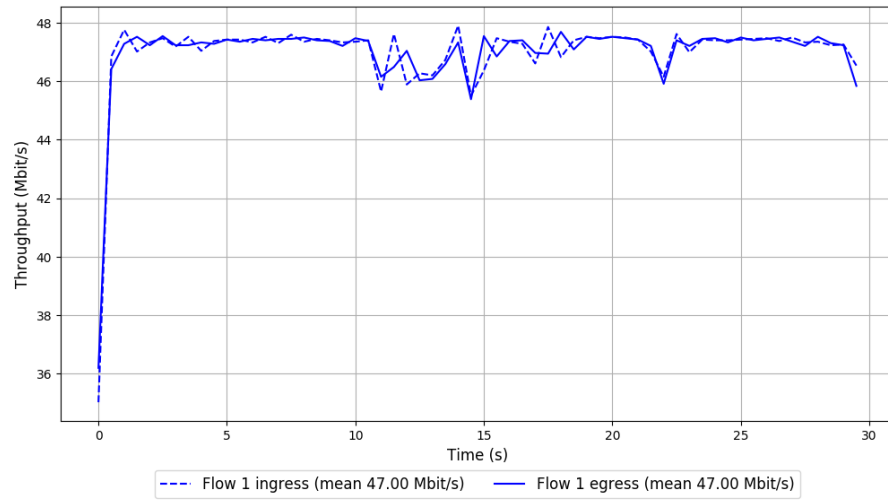
-- Flow 1:

Average throughput: 47.00 Mbit/s

95th percentile per-packet one-way delay: -6.775 ms

Loss rate: 0.00%

Run 5: Report of KohoCC — Data Link



Run 6: Statistics of KohoCC

Start at: Sun, 16 Jul 2017 20:51:37 +0000

End at: Sun, 16 Jul 2017 20:52:07 +0000

Local clock offset: 2.095 ms

Remote clock offset: -10.62 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 47.15 Mbit/s

95th percentile per-packet one-way delay: -7.831 ms

Loss rate: 0.00%

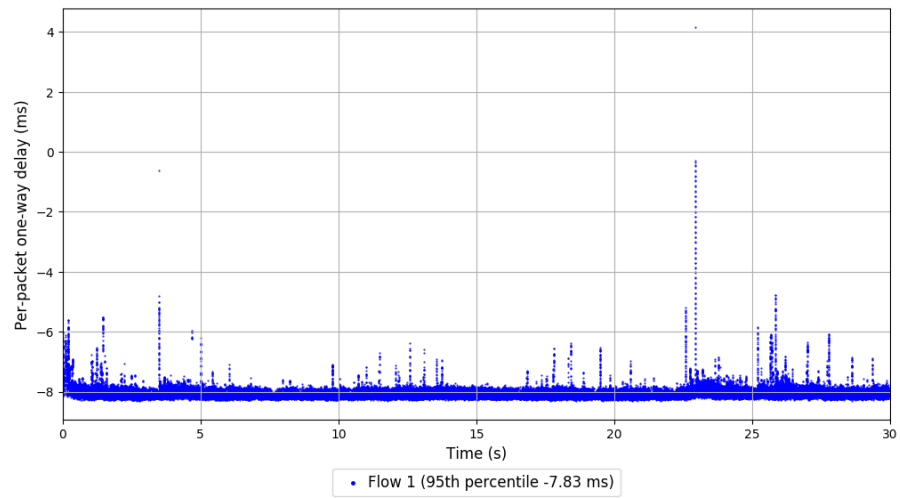
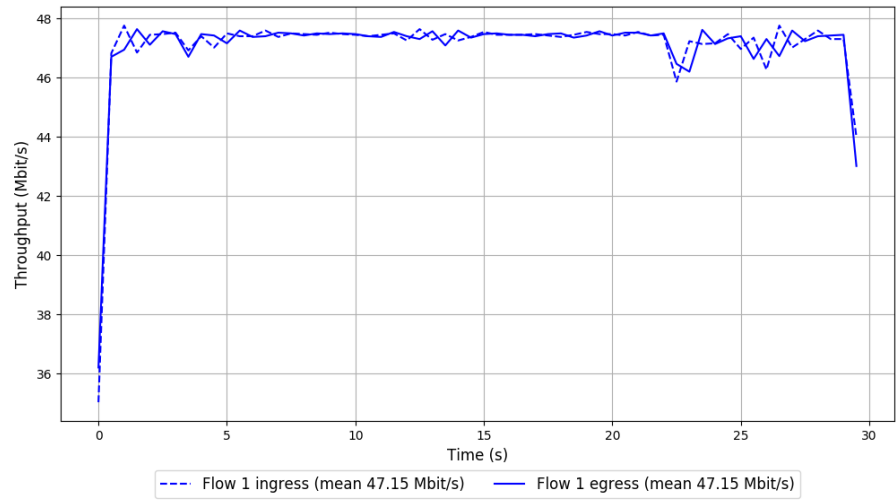
-- Flow 1:

Average throughput: 47.15 Mbit/s

95th percentile per-packet one-way delay: -7.831 ms

Loss rate: 0.00%

Run 6: Report of KohoCC — Data Link



Run 7: Statistics of KohoCC

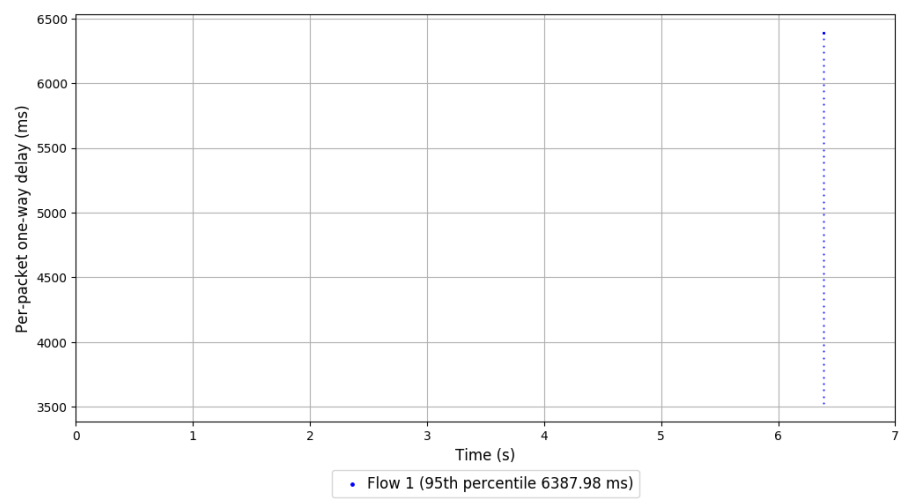
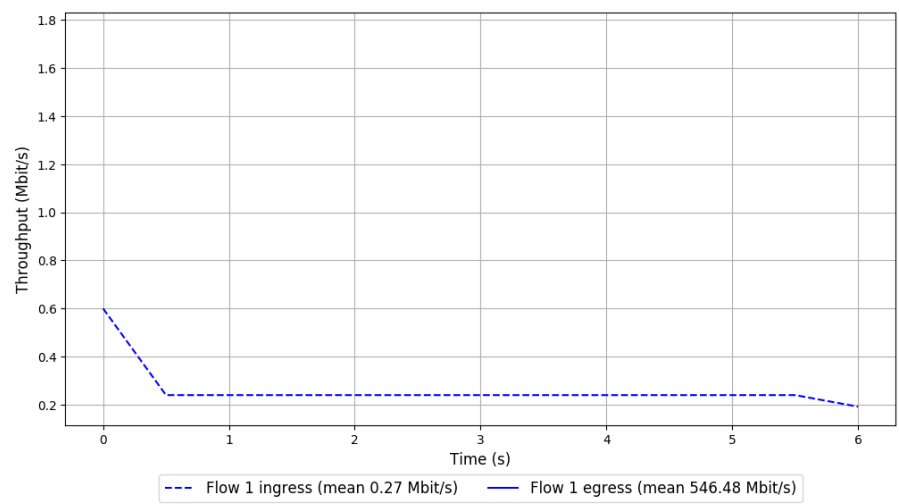
Start at: Sun, 16 Jul 2017 21:08:58 +0000

End at: Sun, 16 Jul 2017 21:09:28 +0000

Local clock offset: 3.021 ms

Remote clock offset: -11.102 ms

Run 7: Report of KohoCC — Data Link



Run 8: Statistics of KohoCC

Start at: Sun, 16 Jul 2017 21:26:27 +0000

End at: Sun, 16 Jul 2017 21:26:57 +0000

Local clock offset: 0.281 ms

Remote clock offset: -10.917 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 47.04 Mbit/s

95th percentile per-packet one-way delay: -4.681 ms

Loss rate: 0.00%

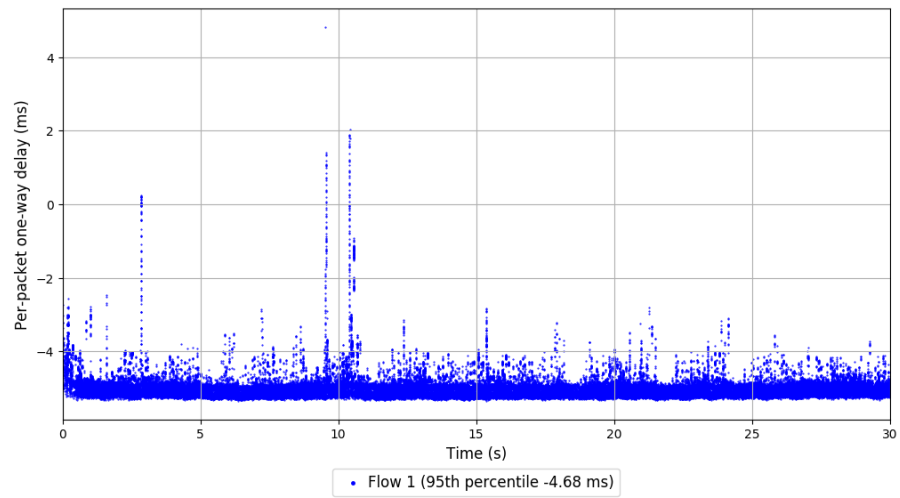
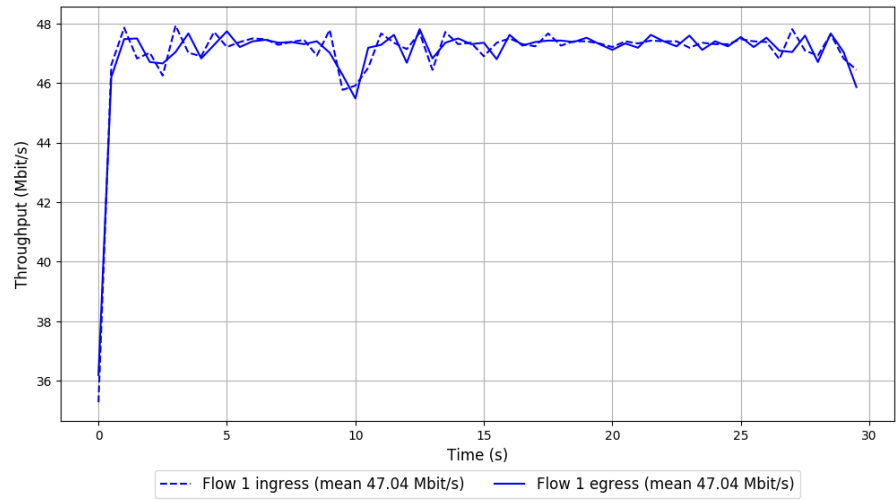
-- Flow 1:

Average throughput: 47.04 Mbit/s

95th percentile per-packet one-way delay: -4.681 ms

Loss rate: 0.00%

Run 8: Report of KohoCC — Data Link



Run 9: Statistics of KohoCC

Start at: Sun, 16 Jul 2017 21:44:23 +0000

End at: Sun, 16 Jul 2017 21:44:53 +0000

Local clock offset: 3.589 ms

Remote clock offset: -13.926 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 47.11 Mbit/s

95th percentile per-packet one-way delay: -10.159 ms

Loss rate: 0.00%

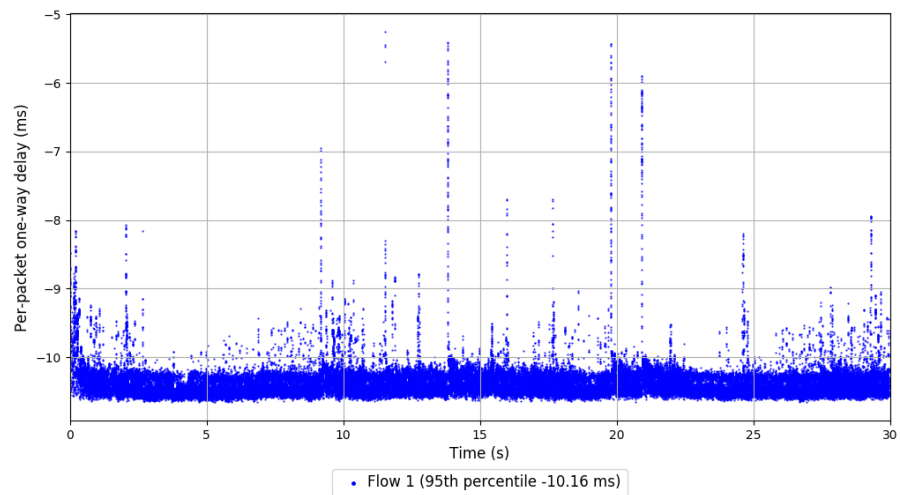
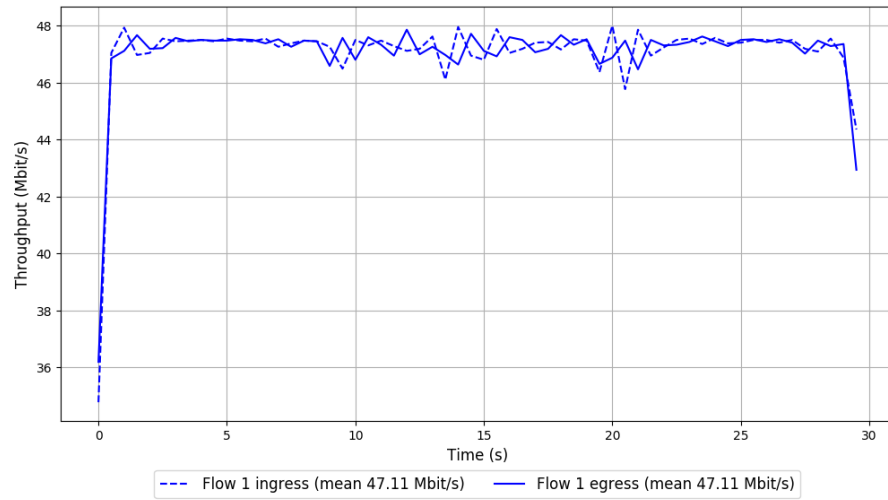
-- Flow 1:

Average throughput: 47.11 Mbit/s

95th percentile per-packet one-way delay: -10.159 ms

Loss rate: 0.00%

Run 9: Report of KohoCC — Data Link



Run 10: Statistics of KohoCC

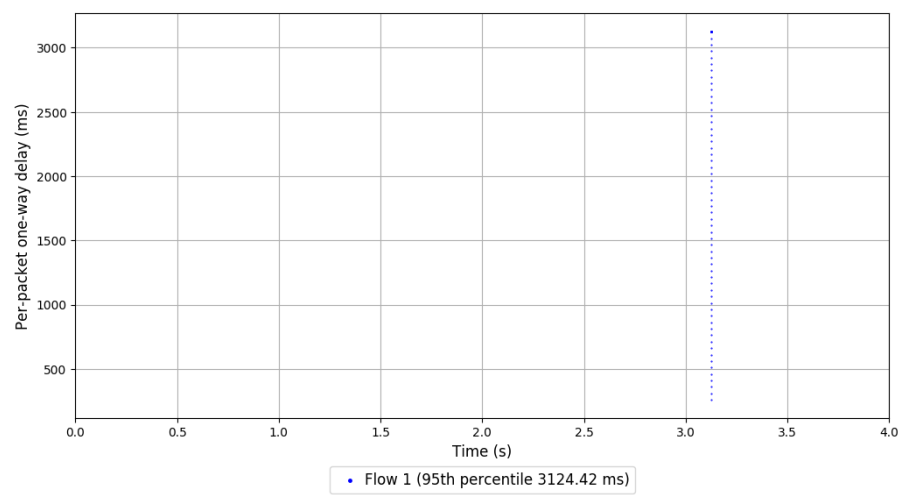
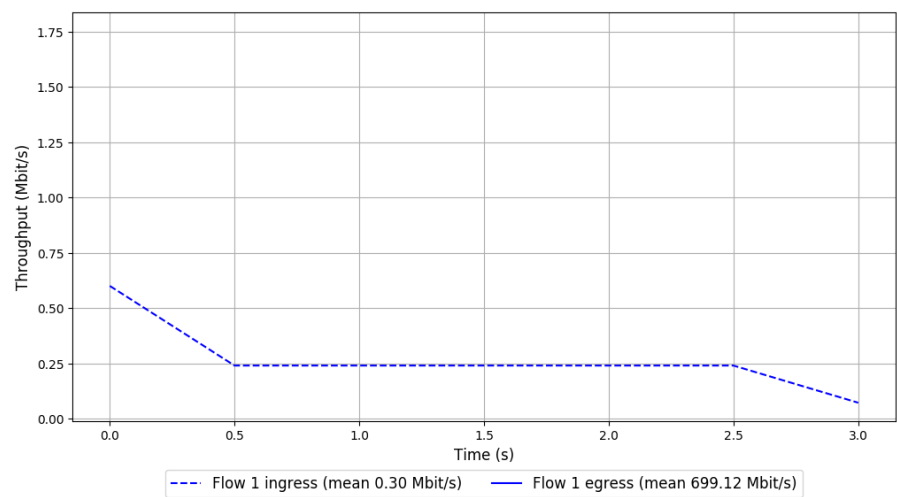
Start at: Sun, 16 Jul 2017 22:01:59 +0000

End at: Sun, 16 Jul 2017 22:02:29 +0000

Local clock offset: 2.46 ms

Remote clock offset: -13.727 ms

Run 10: Report of KohoCC — Data Link



Run 1: Statistics of LEDBAT

Start at: Sun, 16 Jul 2017 19:08:11 +0000

End at: Sun, 16 Jul 2017 19:08:41 +0000

Local clock offset: -0.466 ms

Remote clock offset: -10.3 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:28:43 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.43 Mbit/s

95th percentile per-packet one-way delay: 29.898 ms

Loss rate: 0.03%

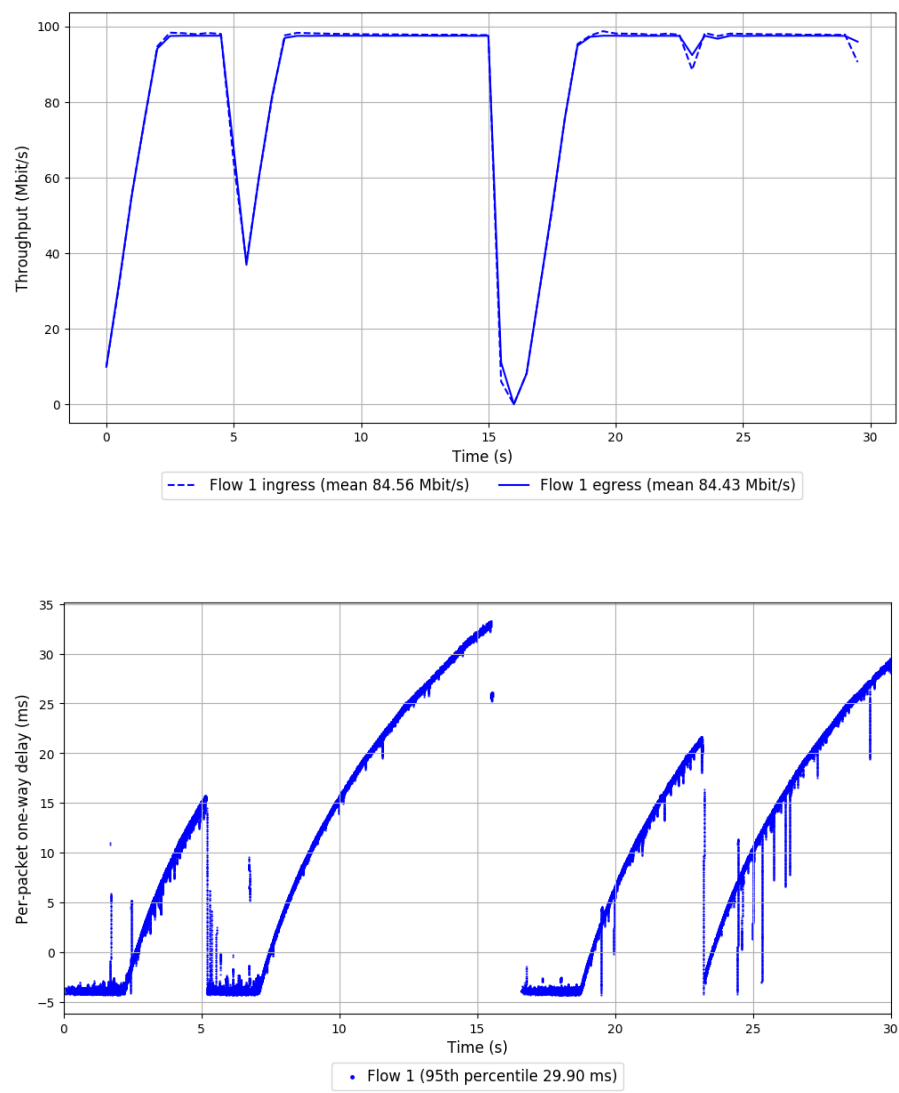
-- Flow 1:

Average throughput: 84.43 Mbit/s

95th percentile per-packet one-way delay: 29.898 ms

Loss rate: 0.03%

Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: Sun, 16 Jul 2017 19:26:21 +0000

End at: Sun, 16 Jul 2017 19:26:51 +0000

Local clock offset: 2.526 ms

Remote clock offset: -11.462 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:28:43 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.24 Mbit/s

95th percentile per-packet one-way delay: 26.592 ms

Loss rate: 0.06%

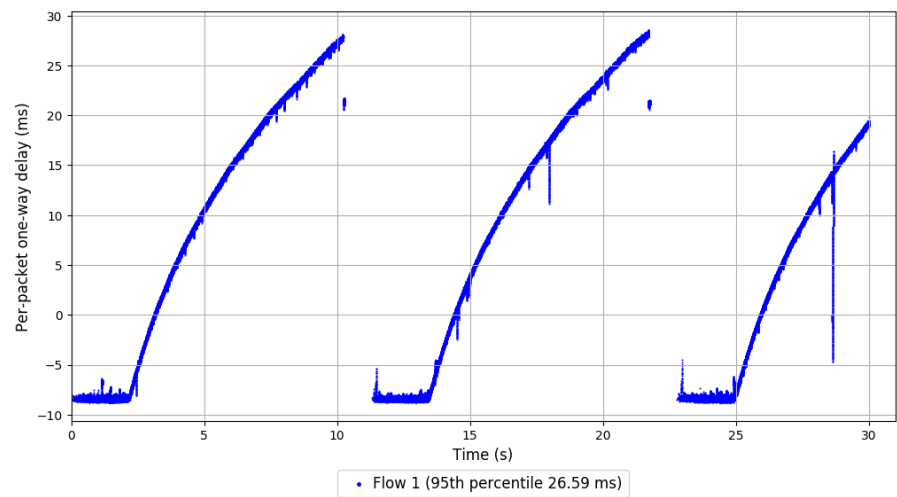
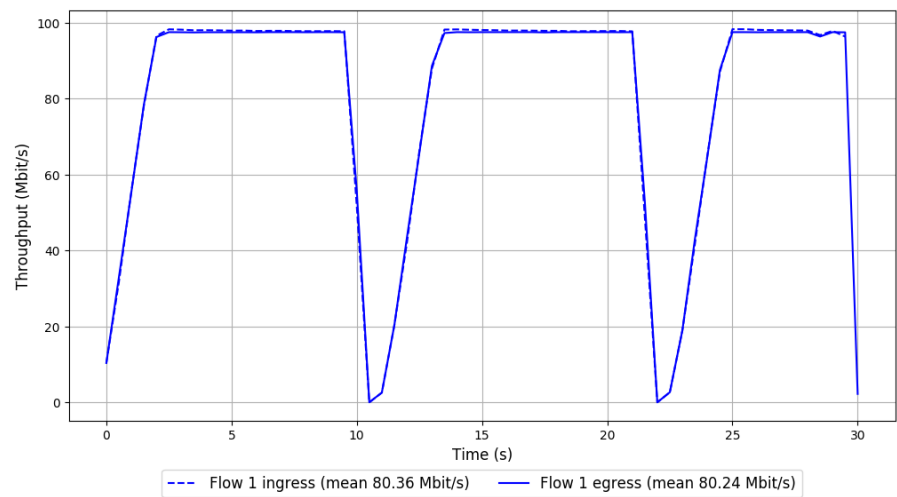
-- Flow 1:

Average throughput: 80.24 Mbit/s

95th percentile per-packet one-way delay: 26.592 ms

Loss rate: 0.06%

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: Sun, 16 Jul 2017 19:44:06 +0000

End at: Sun, 16 Jul 2017 19:44:36 +0000

Local clock offset: 3.335 ms

Remote clock offset: -11.207 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.51 Mbit/s

95th percentile per-packet one-way delay: 25.735 ms

Loss rate: 0.03%

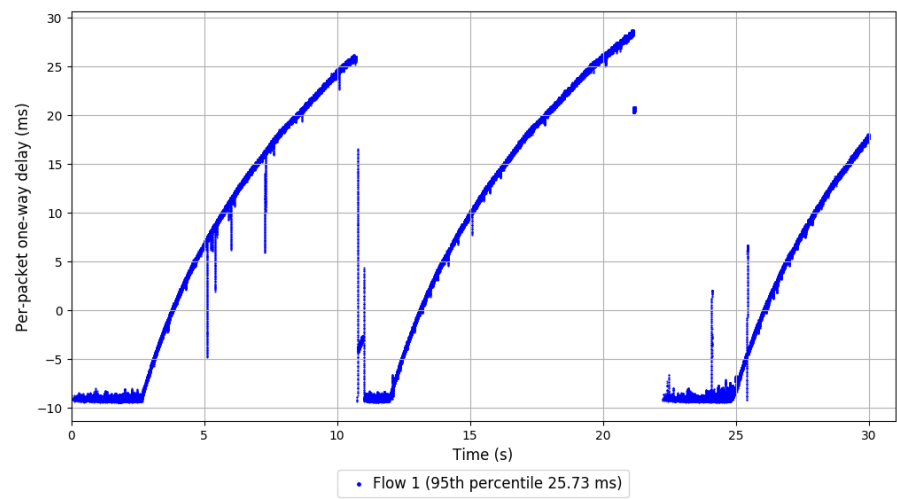
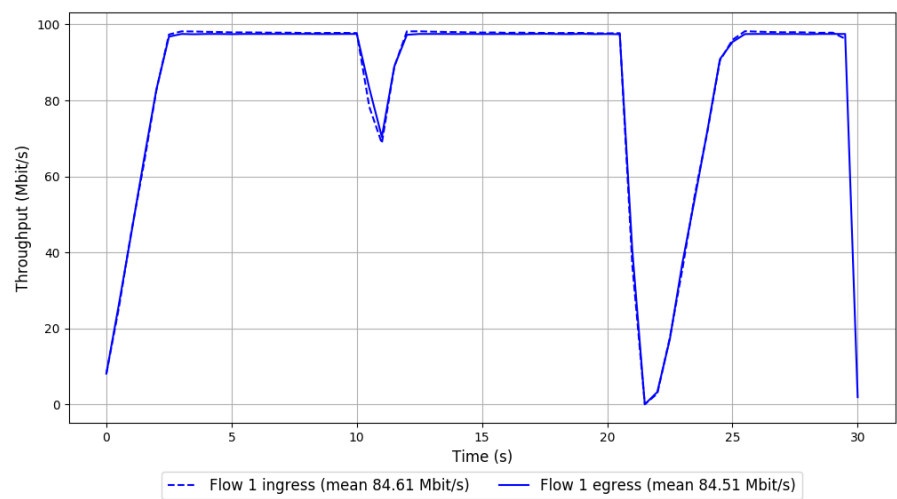
-- Flow 1:

Average throughput: 84.51 Mbit/s

95th percentile per-packet one-way delay: 25.735 ms

Loss rate: 0.03%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: Sun, 16 Jul 2017 20:01:19 +0000

End at: Sun, 16 Jul 2017 20:01:49 +0000

Local clock offset: 0.708 ms

Remote clock offset: -10.293 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.84 Mbit/s

95th percentile per-packet one-way delay: 30.977 ms

Loss rate: 0.07%

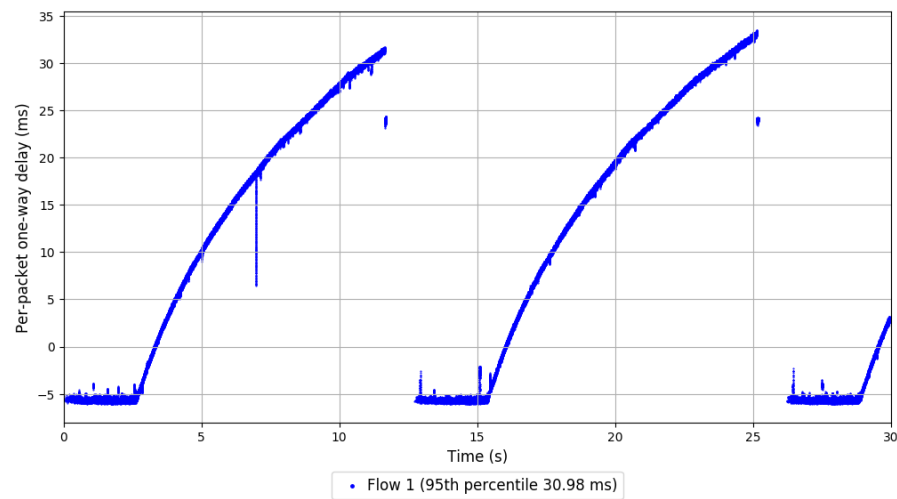
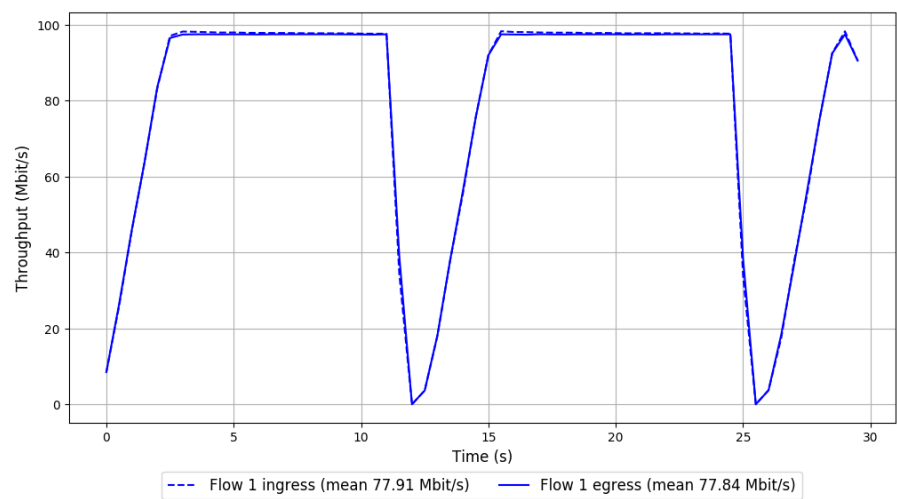
-- Flow 1:

Average throughput: 77.84 Mbit/s

95th percentile per-packet one-way delay: 30.977 ms

Loss rate: 0.07%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: Sun, 16 Jul 2017 20:18:41 +0000

End at: Sun, 16 Jul 2017 20:19:11 +0000

Local clock offset: -0.255 ms

Remote clock offset: -10.672 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:29:05 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.45 Mbit/s

95th percentile per-packet one-way delay: 32.038 ms

Loss rate: 0.08%

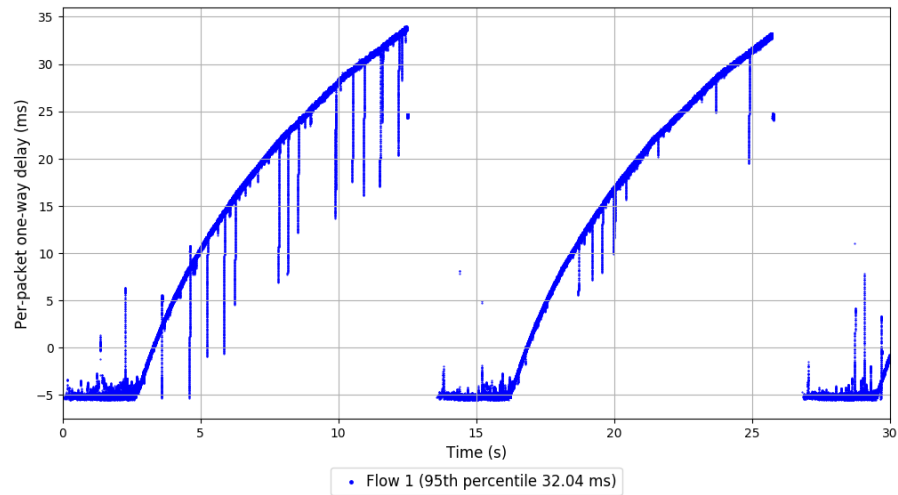
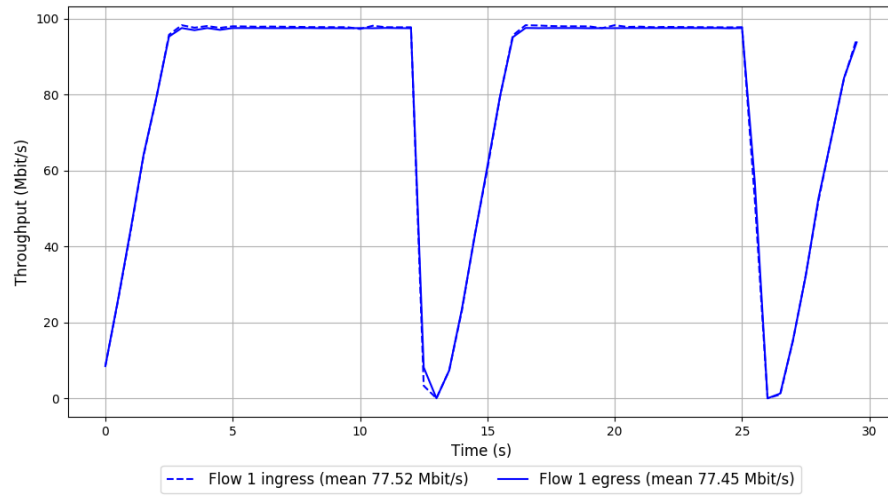
-- Flow 1:

Average throughput: 77.45 Mbit/s

95th percentile per-packet one-way delay: 32.038 ms

Loss rate: 0.08%

Run 5: Report of LEDBAT — Data Link



Run 6: Statistics of LEDBAT

Start at: Sun, 16 Jul 2017 20:36:22 +0000

End at: Sun, 16 Jul 2017 20:36:52 +0000

Local clock offset: 1.807 ms

Remote clock offset: -11.292 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:29:05 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.67 Mbit/s

95th percentile per-packet one-way delay: 28.656 ms

Loss rate: 0.07%

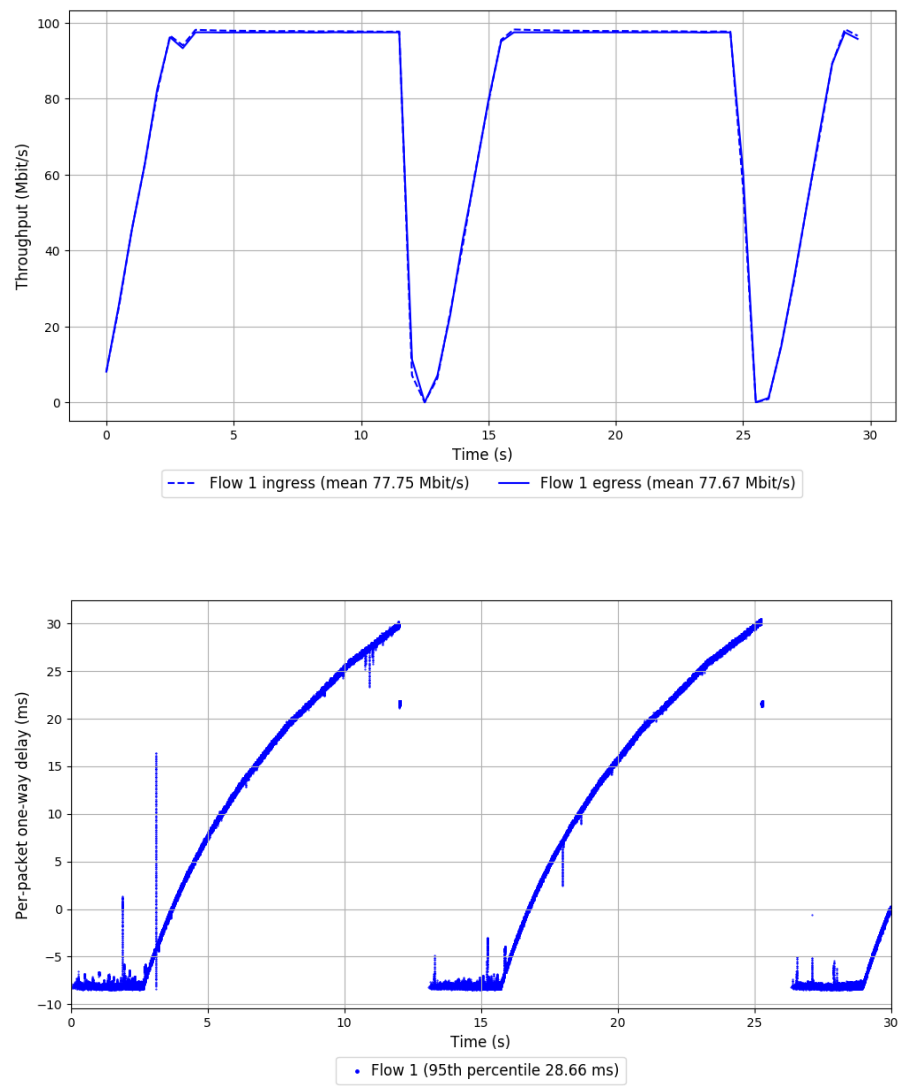
-- Flow 1:

Average throughput: 77.67 Mbit/s

95th percentile per-packet one-way delay: 28.656 ms

Loss rate: 0.07%

Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

Start at: Sun, 16 Jul 2017 20:53:51 +0000

End at: Sun, 16 Jul 2017 20:54:22 +0000

Local clock offset: 1.42 ms

Remote clock offset: -11.59 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:29:15 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.89 Mbit/s

95th percentile per-packet one-way delay: 28.135 ms

Loss rate: 0.06%

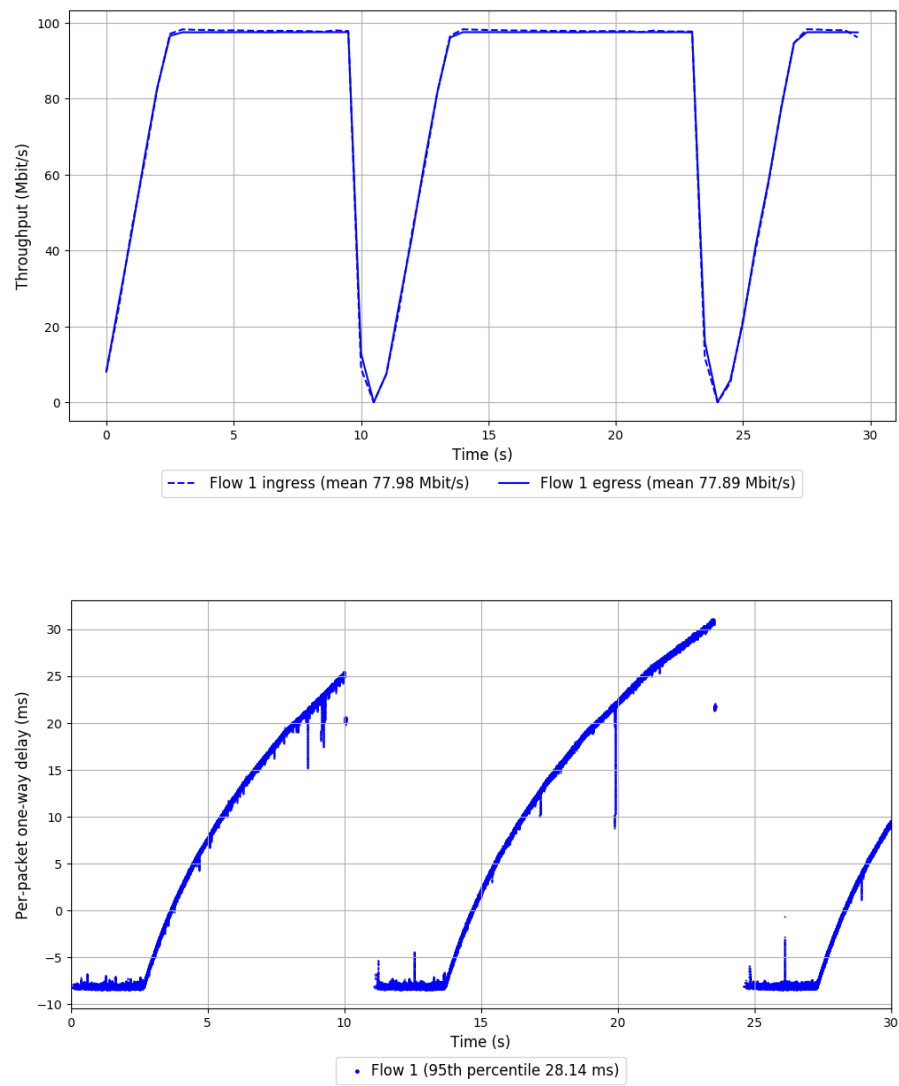
-- Flow 1:

Average throughput: 77.89 Mbit/s

95th percentile per-packet one-way delay: 28.135 ms

Loss rate: 0.06%

Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: Sun, 16 Jul 2017 21:11:07 +0000

End at: Sun, 16 Jul 2017 21:11:37 +0000

Local clock offset: 2.617 ms

Remote clock offset: -9.63 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.61 Mbit/s

95th percentile per-packet one-way delay: 30.502 ms

Loss rate: 0.08%

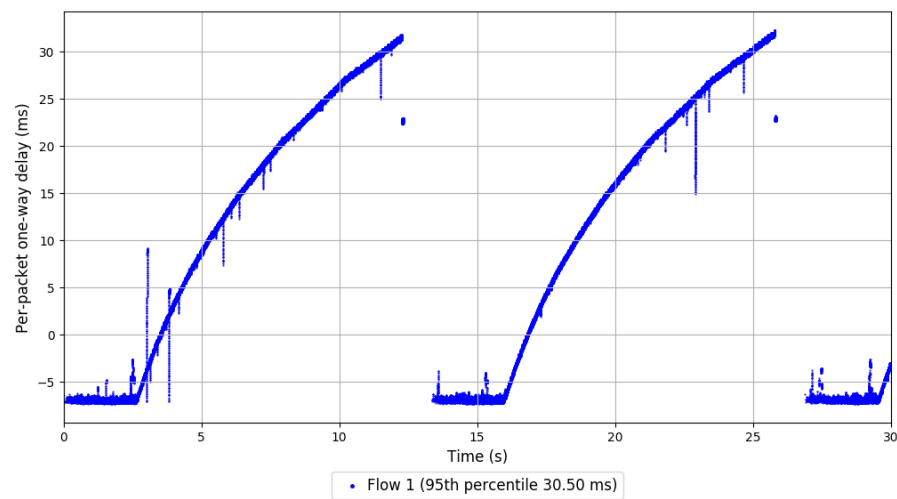
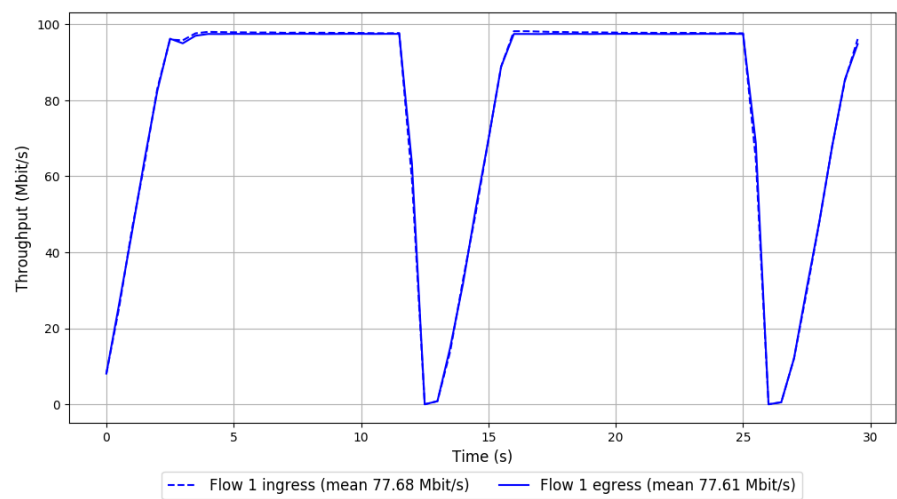
-- Flow 1:

Average throughput: 77.61 Mbit/s

95th percentile per-packet one-way delay: 30.502 ms

Loss rate: 0.08%

Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

Start at: Sun, 16 Jul 2017 21:28:43 +0000

End at: Sun, 16 Jul 2017 21:29:13 +0000

Local clock offset: 0.812 ms

Remote clock offset: -11.592 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.84 Mbit/s

95th percentile per-packet one-way delay: 30.622 ms

Loss rate: 0.07%

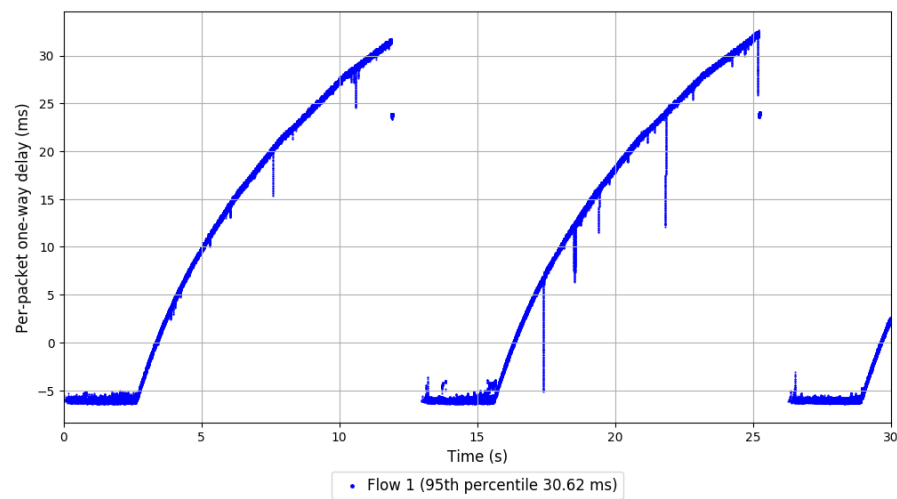
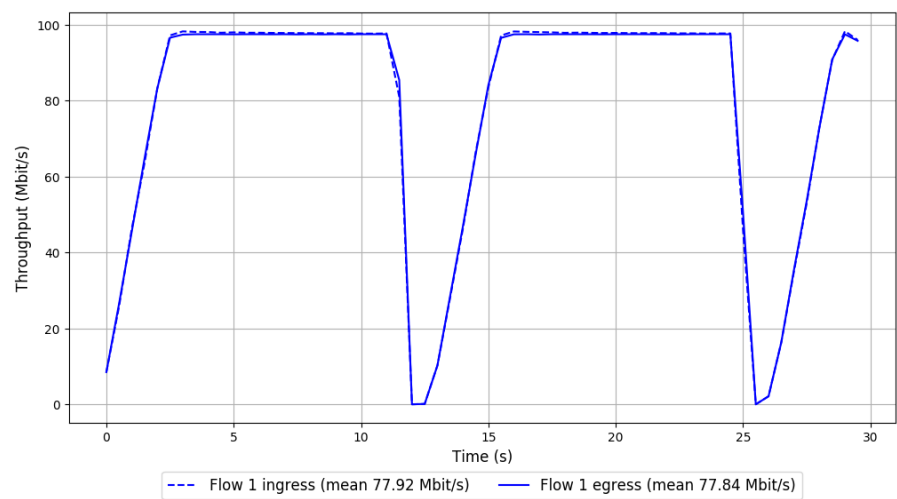
-- Flow 1:

Average throughput: 77.84 Mbit/s

95th percentile per-packet one-way delay: 30.622 ms

Loss rate: 0.07%

Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

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

End at: Sun, 16 Jul 2017 21:47:09 +0000

Local clock offset: 1.233 ms

Remote clock offset: -12.339 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:29:28 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.28 Mbit/s

95th percentile per-packet one-way delay: 30.886 ms

Loss rate: 0.20%

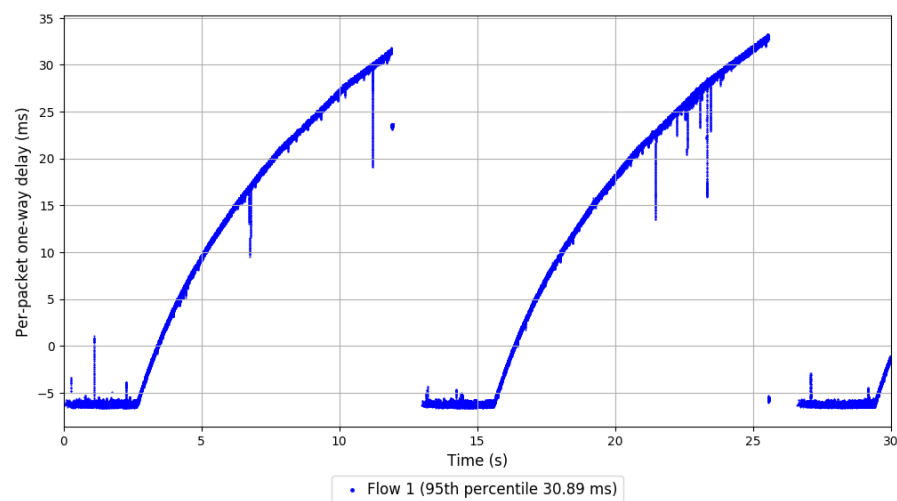
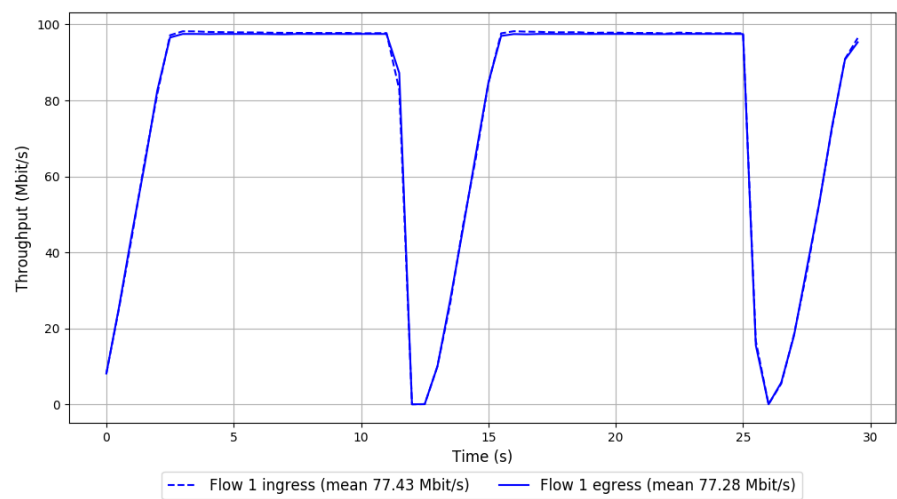
-- Flow 1:

Average throughput: 77.28 Mbit/s

95th percentile per-packet one-way delay: 30.886 ms

Loss rate: 0.20%

Run 10: Report of LEDBAT — Data Link



Run 1: Statistics of PCC

Start at: Sun, 16 Jul 2017 19:22:46 +0000

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

Local clock offset: 1.799 ms

Remote clock offset: -10.528 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.97 Mbit/s

95th percentile per-packet one-way delay: -3.396 ms

Loss rate: 0.26%

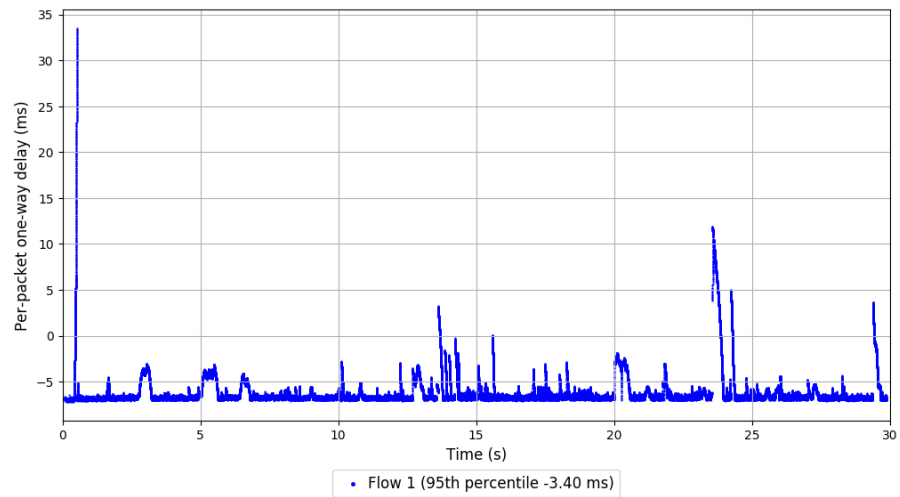
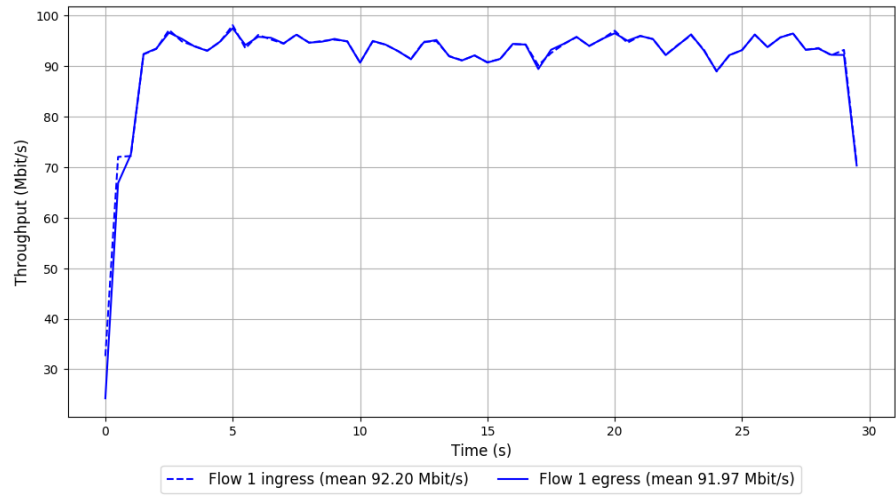
-- Flow 1:

Average throughput: 91.97 Mbit/s

95th percentile per-packet one-way delay: -3.396 ms

Loss rate: 0.26%

Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

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

End at: Sun, 16 Jul 2017 19:41:08 +0000

Local clock offset: 2.704 ms

Remote clock offset: -11.791 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.02 Mbit/s

95th percentile per-packet one-way delay: -5.405 ms

Loss rate: 0.26%

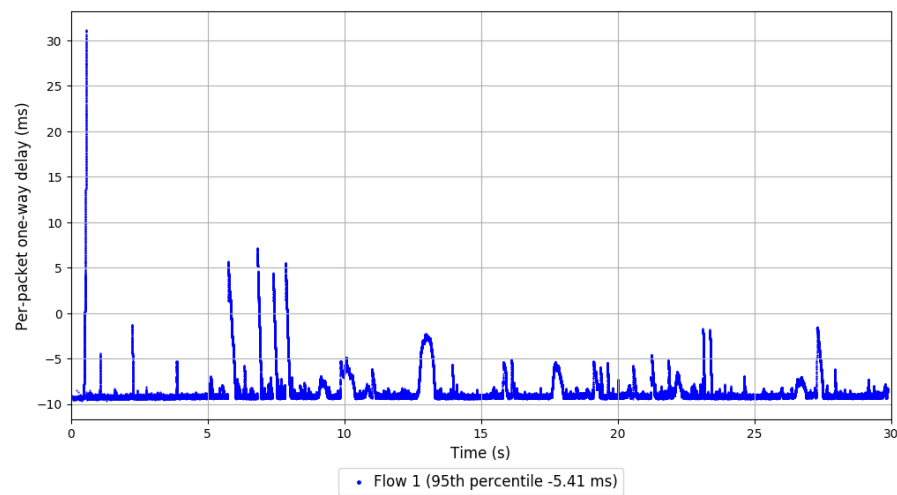
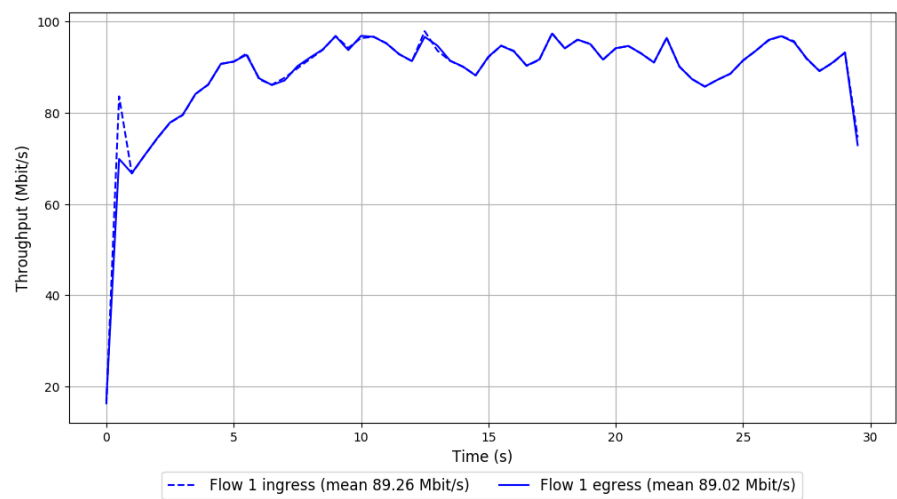
-- Flow 1:

Average throughput: 89.02 Mbit/s

95th percentile per-packet one-way delay: -5.405 ms

Loss rate: 0.26%

Run 2: Report of PCC — Data Link



Run 3: Statistics of PCC

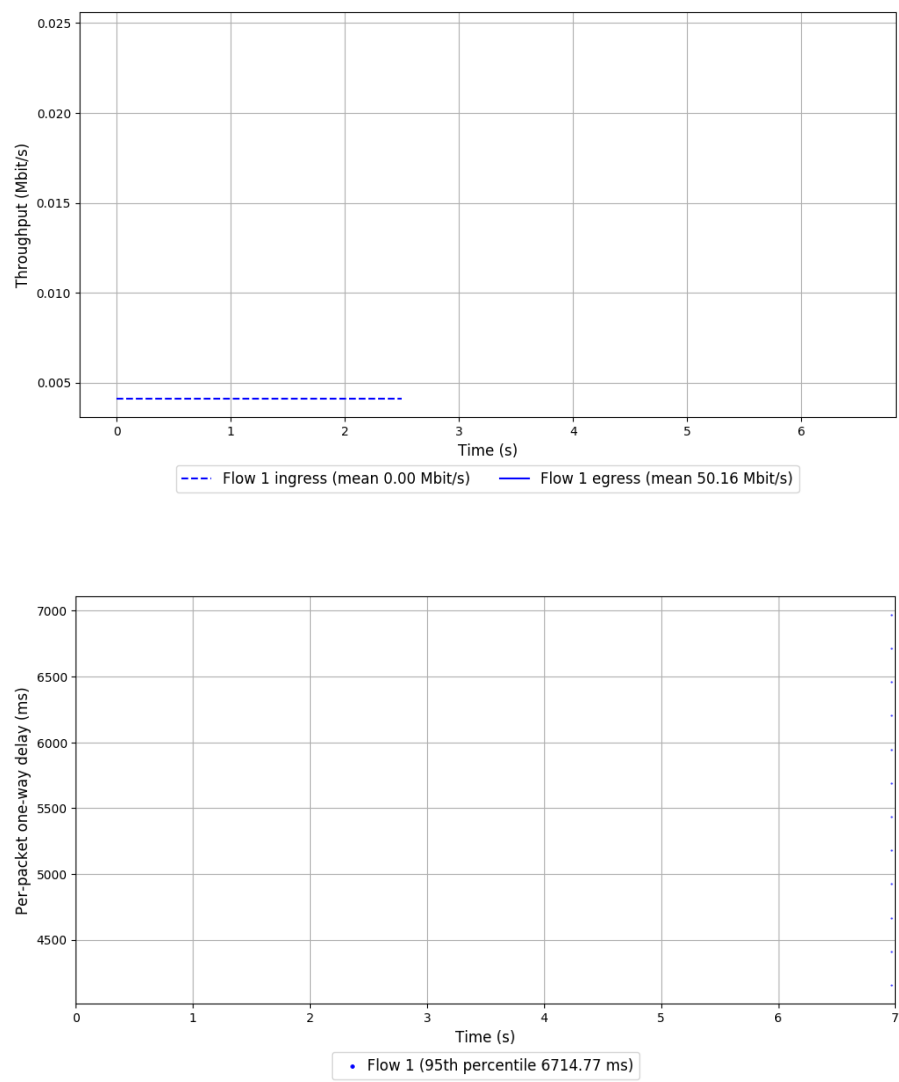
Start at: Sun, 16 Jul 2017 19:58:05 +0000

End at: Sun, 16 Jul 2017 19:58:35 +0000

Local clock offset: 3.328 ms

Remote clock offset: -9.319 ms

Run 3: Report of PCC — Data Link



Run 4: Statistics of PCC

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

End at: Sun, 16 Jul 2017 20:15:46 +0000

Local clock offset: 0.806 ms

Remote clock offset: -9.874 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.65 Mbit/s

95th percentile per-packet one-way delay: 7.168 ms

Loss rate: 0.29%

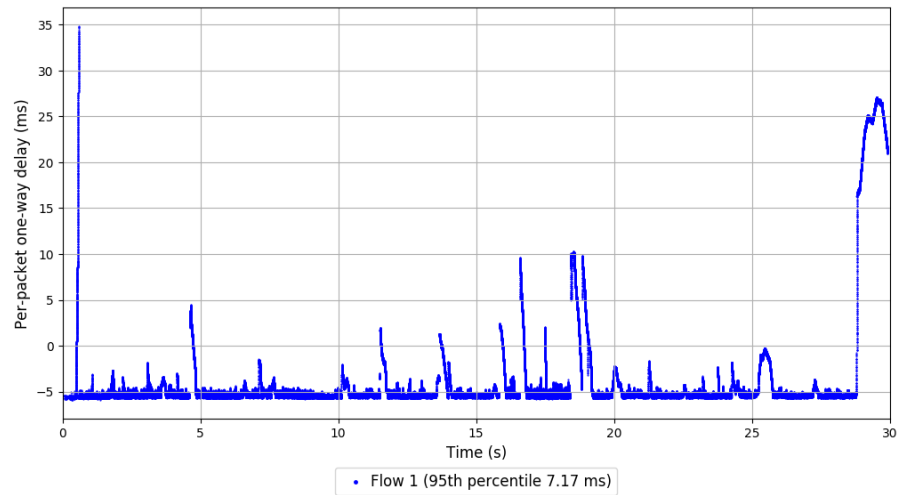
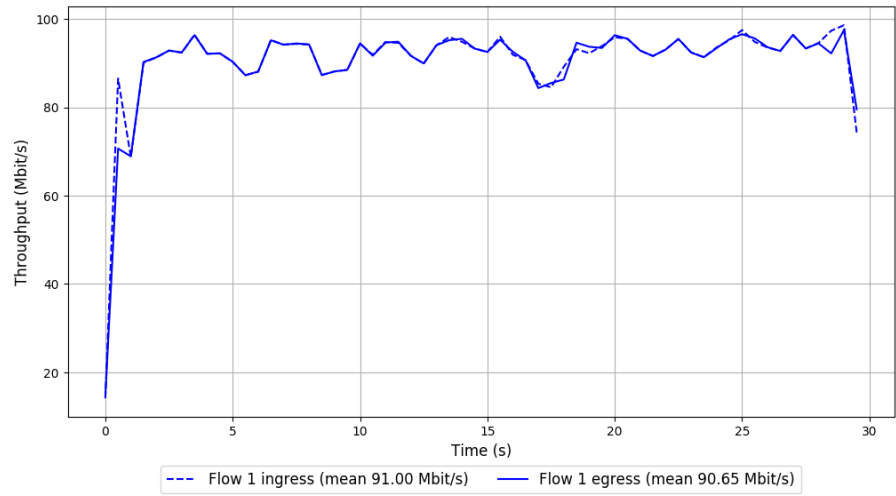
-- Flow 1:

Average throughput: 90.65 Mbit/s

95th percentile per-packet one-way delay: 7.168 ms

Loss rate: 0.29%

Run 4: Report of PCC — Data Link



Run 5: Statistics of PCC

Start at: Sun, 16 Jul 2017 20:32:59 +0000

End at: Sun, 16 Jul 2017 20:33:29 +0000

Local clock offset: 0.427 ms

Remote clock offset: -10.194 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.83 Mbit/s

95th percentile per-packet one-way delay: 1.800 ms

Loss rate: 0.31%

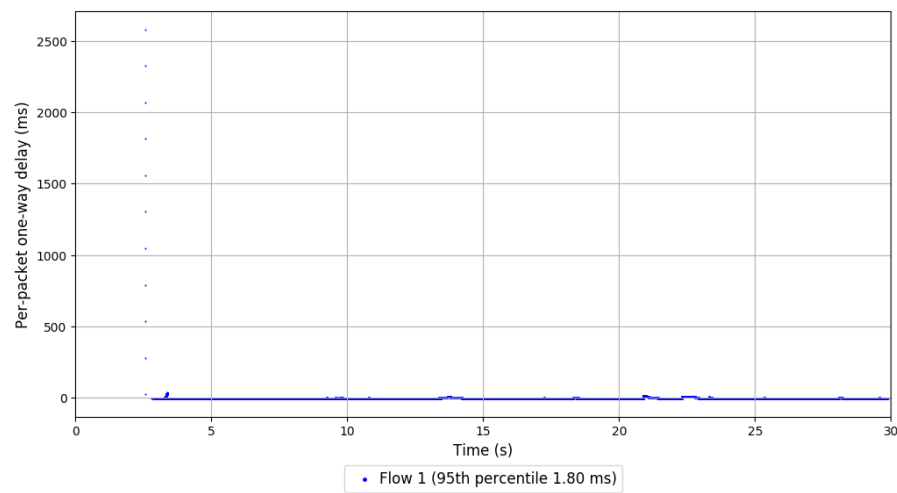
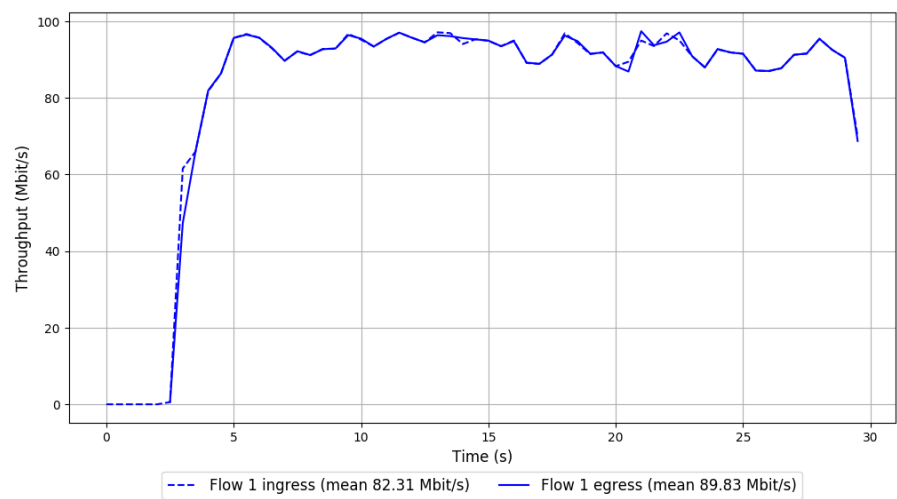
-- Flow 1:

Average throughput: 89.83 Mbit/s

95th percentile per-packet one-way delay: 1.800 ms

Loss rate: 0.31%

Run 5: Report of PCC — Data Link



Run 6: Statistics of PCC

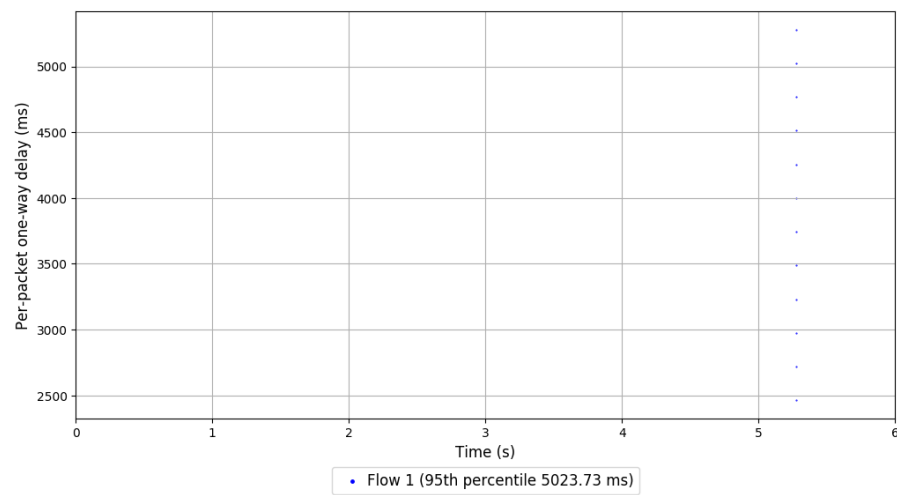
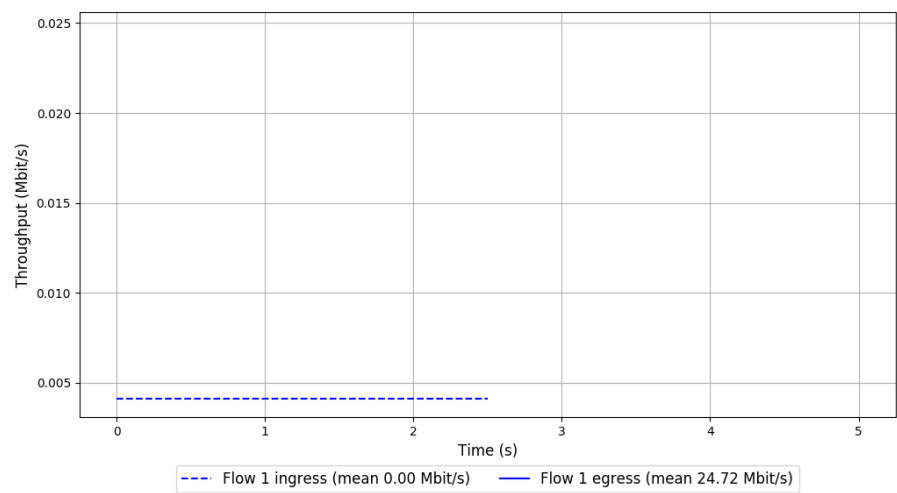
Start at: Sun, 16 Jul 2017 20:50:33 +0000

End at: Sun, 16 Jul 2017 20:51:03 +0000

Local clock offset: -0.082 ms

Remote clock offset: -10.576 ms

Run 6: Report of PCC — Data Link



Run 7: Statistics of PCC

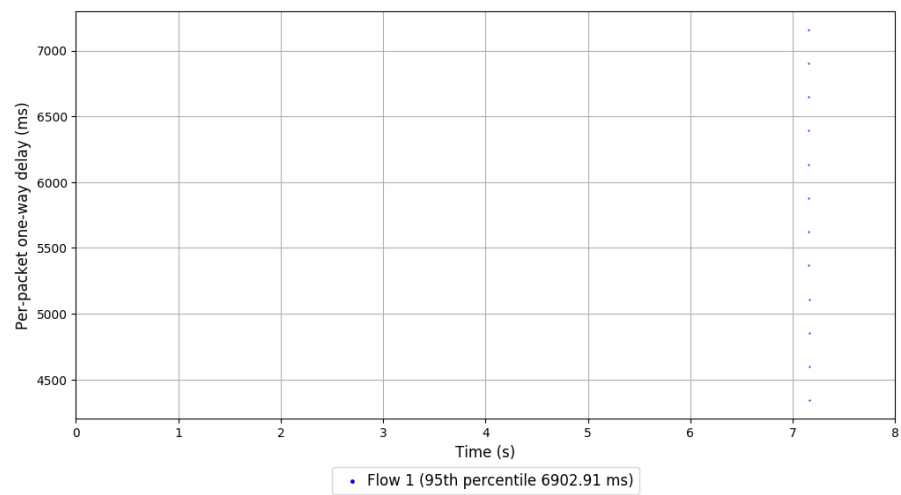
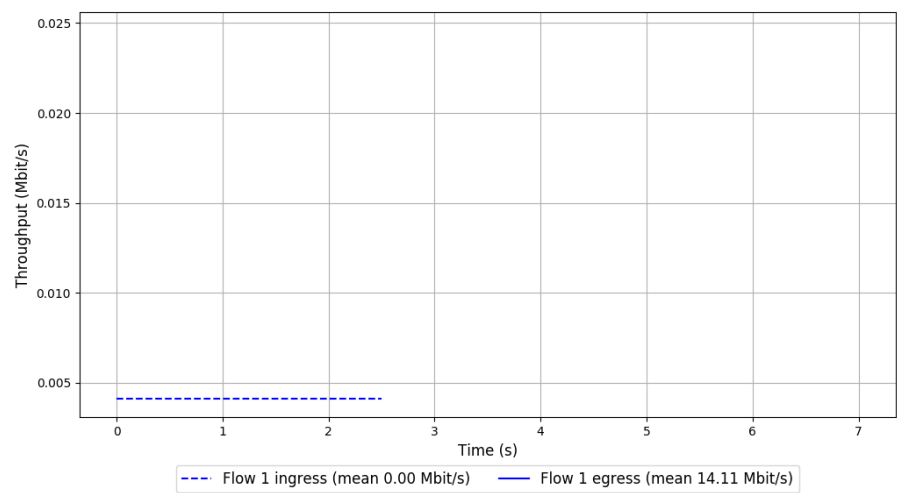
Start at: Sun, 16 Jul 2017 21:07:53 +0000

End at: Sun, 16 Jul 2017 21:08:23 +0000

Local clock offset: 1.975 ms

Remote clock offset: -9.376 ms

Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

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

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

Local clock offset: 2.55 ms

Remote clock offset: -12.734 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:30:05 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.24 Mbit/s

95th percentile per-packet one-way delay: -4.516 ms

Loss rate: 0.28%

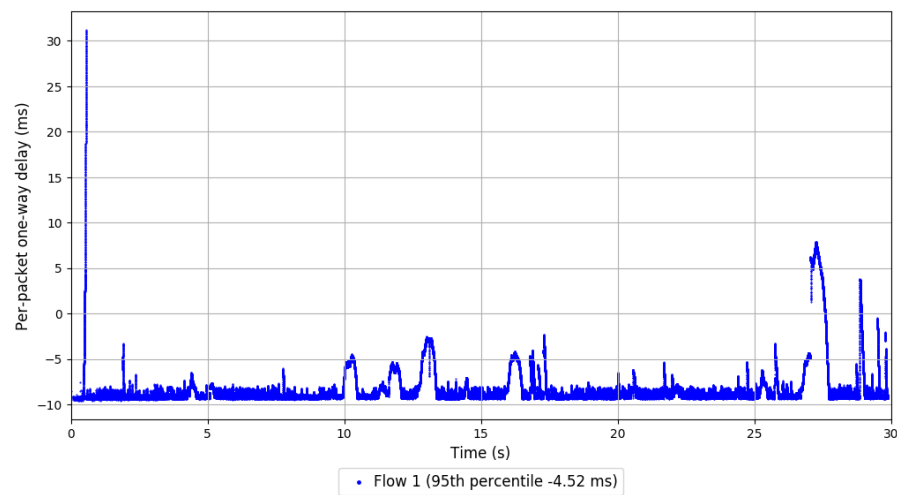
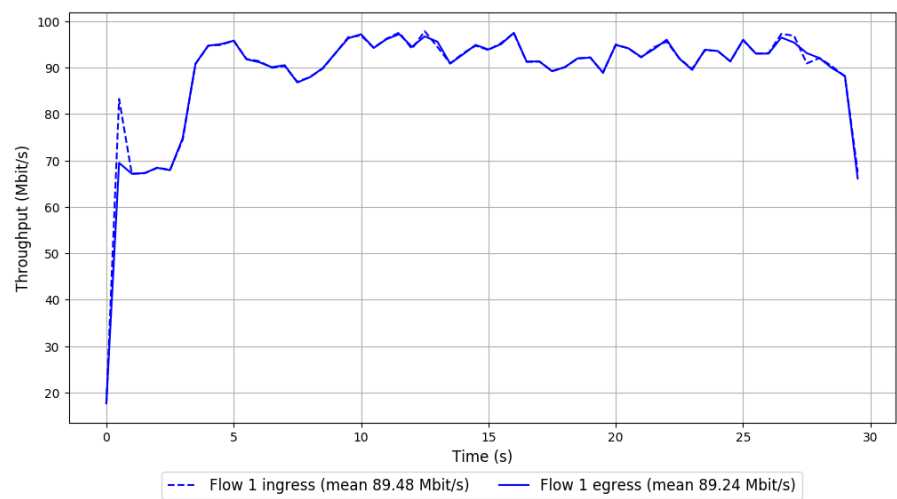
-- Flow 1:

Average throughput: 89.24 Mbit/s

95th percentile per-packet one-way delay: -4.516 ms

Loss rate: 0.28%

Run 8: Report of PCC — Data Link



Run 9: Statistics of PCC

Start at: Sun, 16 Jul 2017 21:43:12 +0000

End at: Sun, 16 Jul 2017 21:43:42 +0000

Local clock offset: 0.662 ms

Remote clock offset: -13.619 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:30:05 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.81 Mbit/s

95th percentile per-packet one-way delay: -5.140 ms

Loss rate: 0.27%

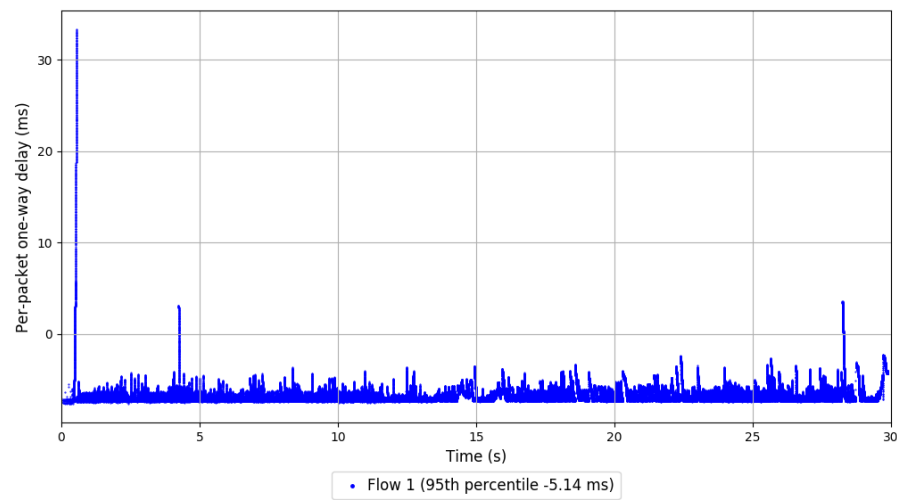
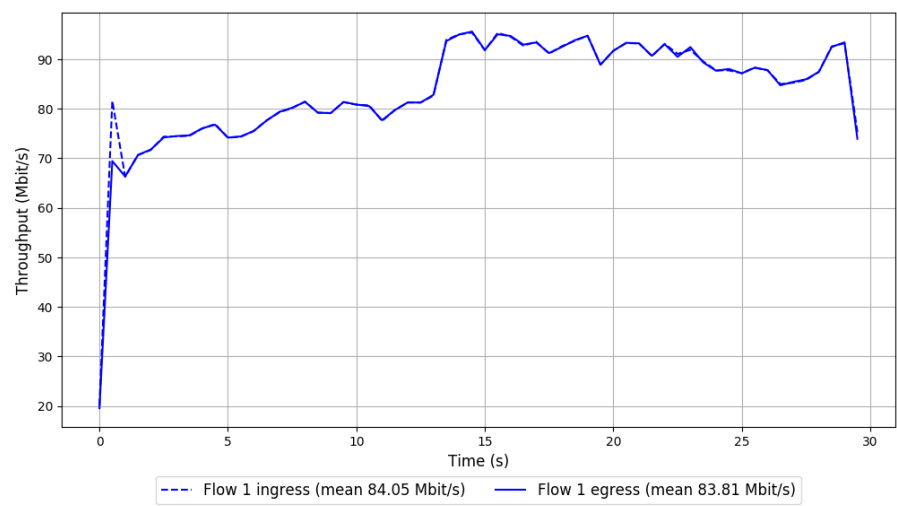
-- Flow 1:

Average throughput: 83.81 Mbit/s

95th percentile per-packet one-way delay: -5.140 ms

Loss rate: 0.27%

Run 9: Report of PCC — Data Link



Run 10: Statistics of PCC

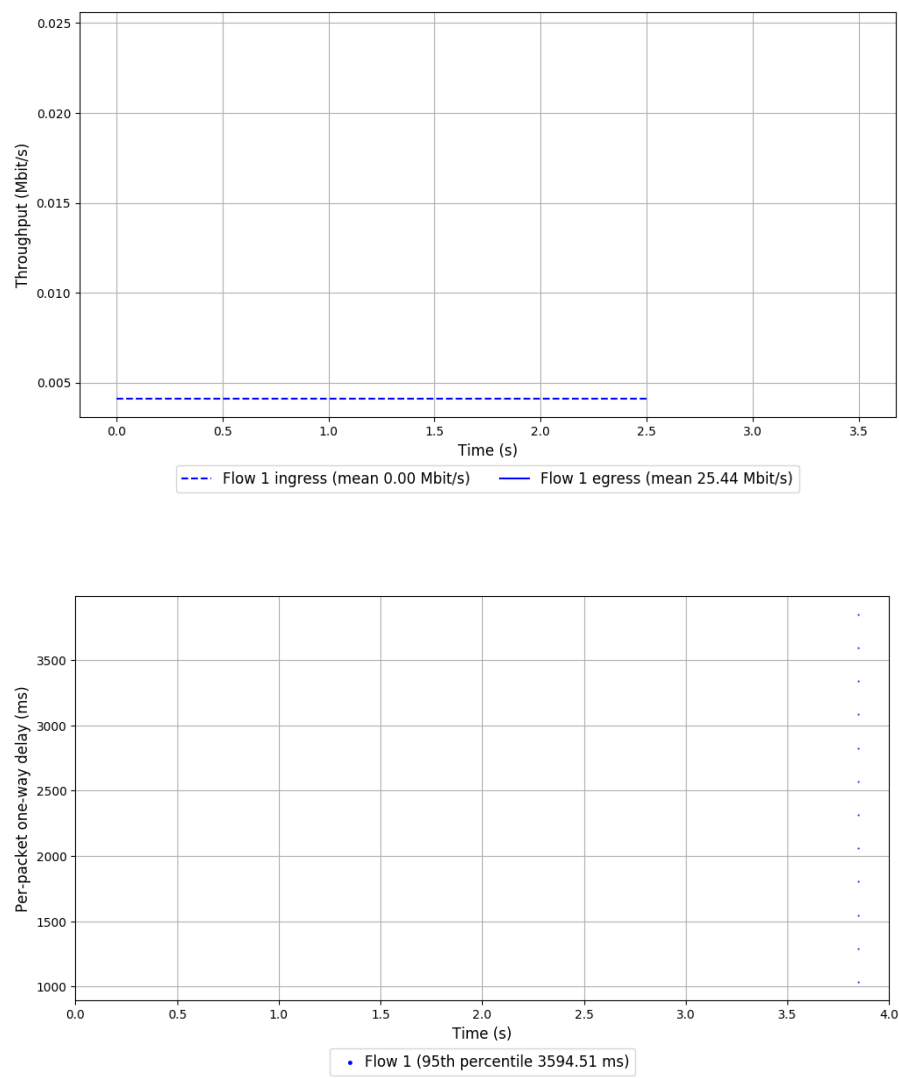
Start at: Sun, 16 Jul 2017 22:00:55 +0000

End at: Sun, 16 Jul 2017 22:01:25 +0000

Local clock offset: 2.465 ms

Remote clock offset: -13.169 ms

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

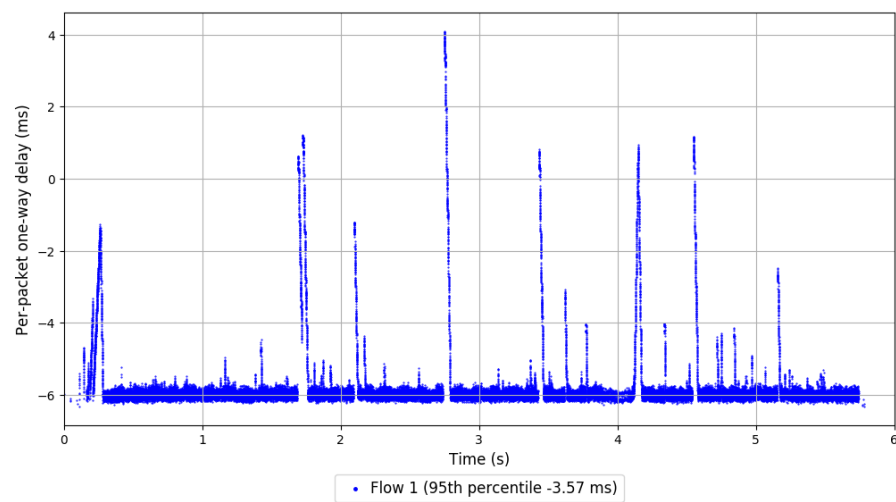
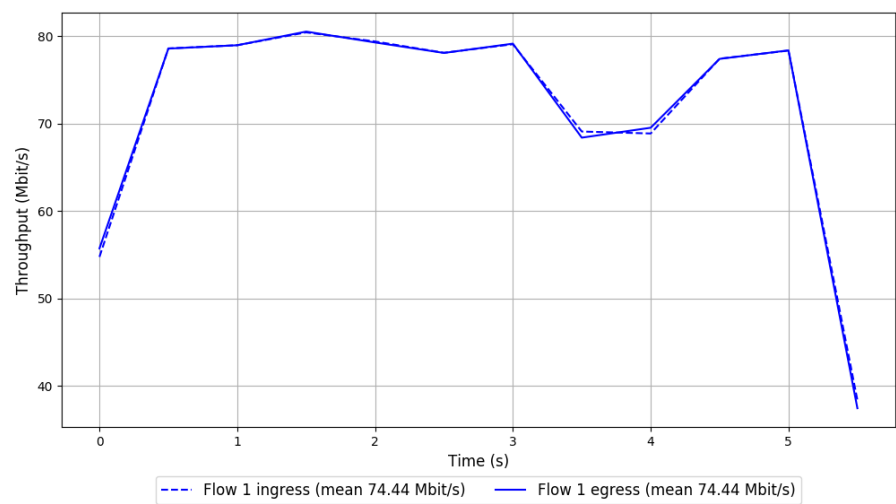
Start at: Sun, 16 Jul 2017 19:25:16 +0000

End at: Sun, 16 Jul 2017 19:25:46 +0000

Local clock offset: 1.205 ms

Remote clock offset: -10.254 ms

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

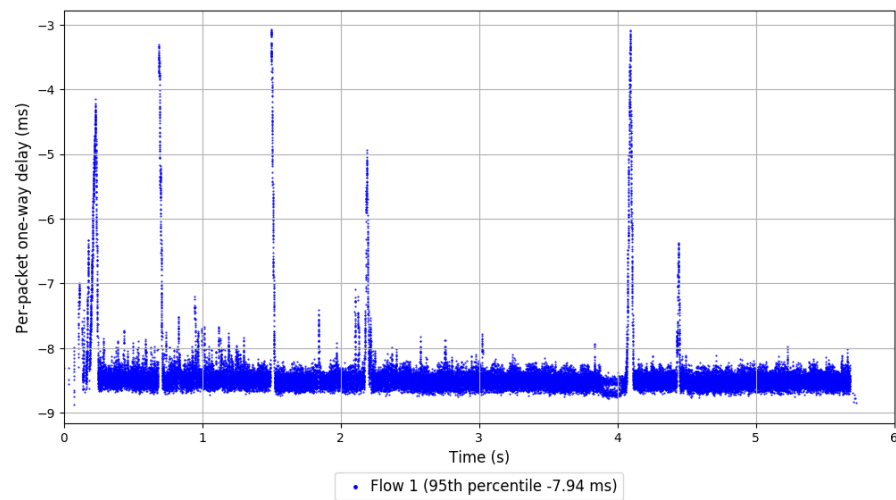
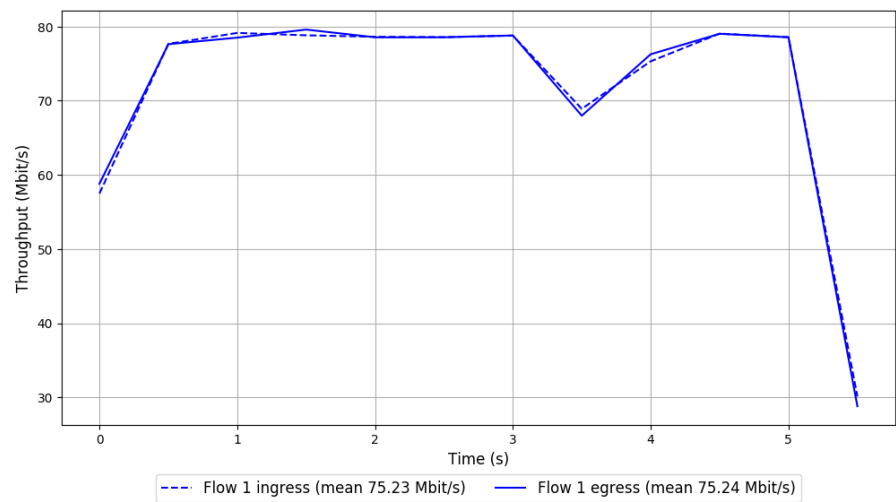
Start at: Sun, 16 Jul 2017 19:43:00 +0000

End at: Sun, 16 Jul 2017 19:43:30 +0000

Local clock offset: 2.494 ms

Remote clock offset: -11.344 ms

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

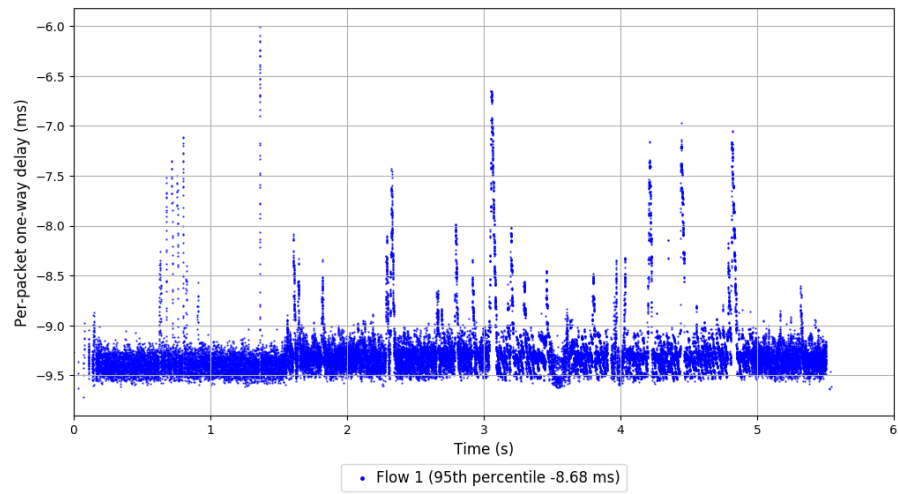
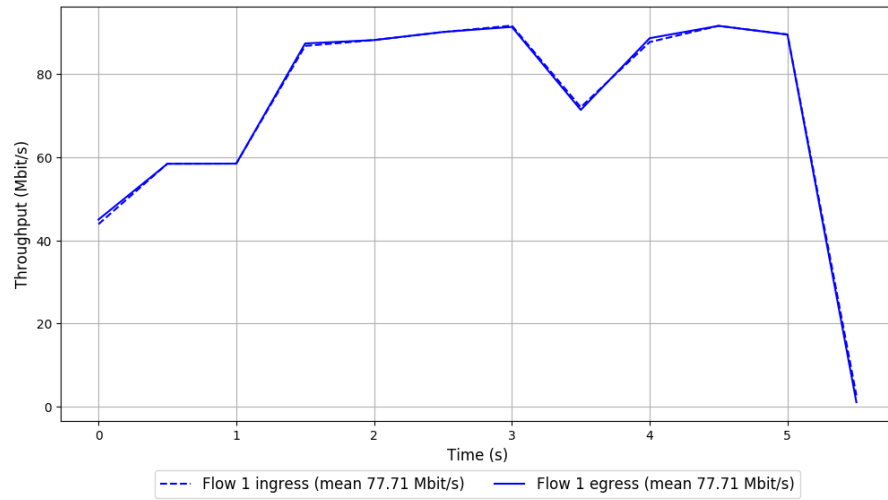
Start at: Sun, 16 Jul 2017 20:00:14 +0000

End at: Sun, 16 Jul 2017 20:00:44 +0000

Local clock offset: 3.534 ms

Remote clock offset: -11.028 ms

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

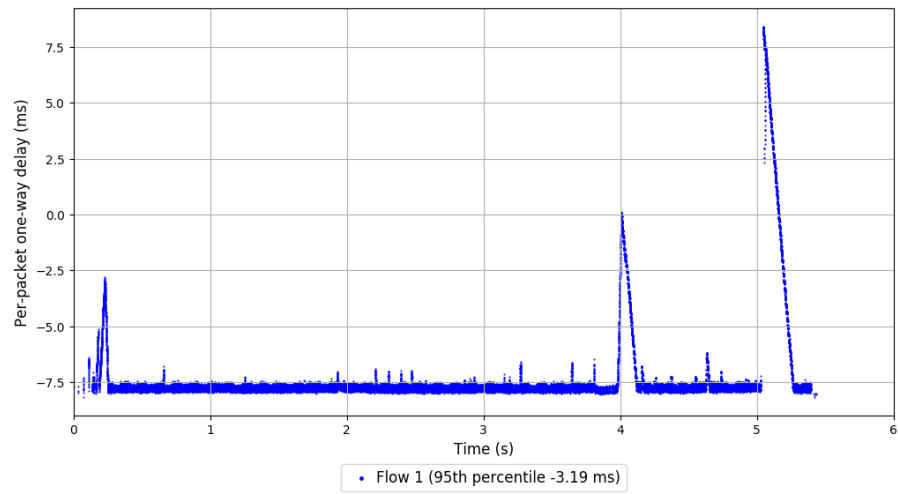
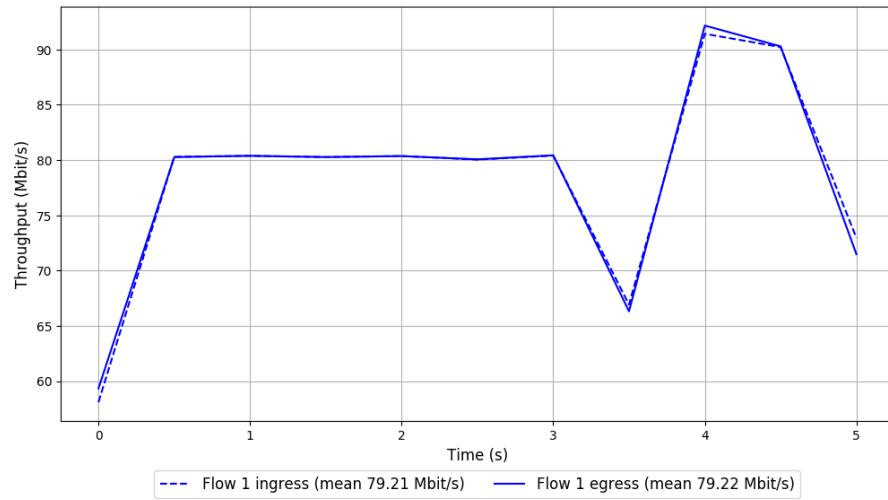
Start at: Sun, 16 Jul 2017 20:17:35 +0000

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

Local clock offset: 2.471 ms

Remote clock offset: -10.416 ms

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

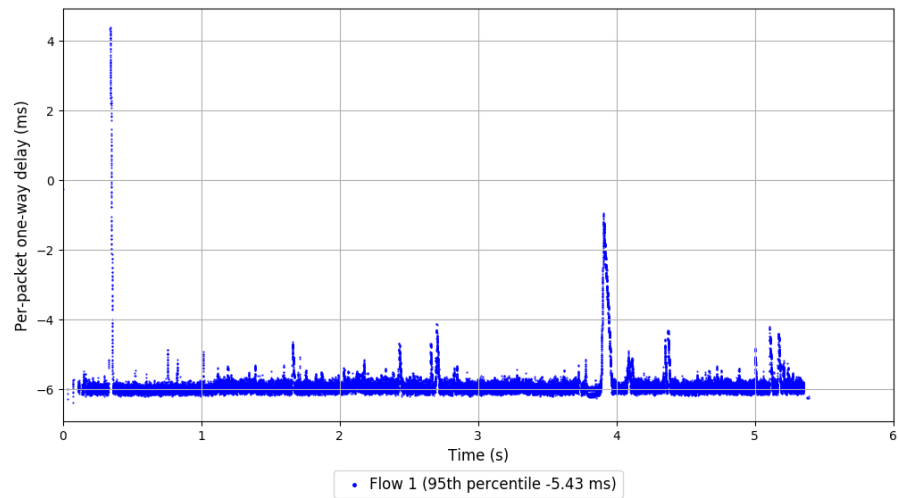
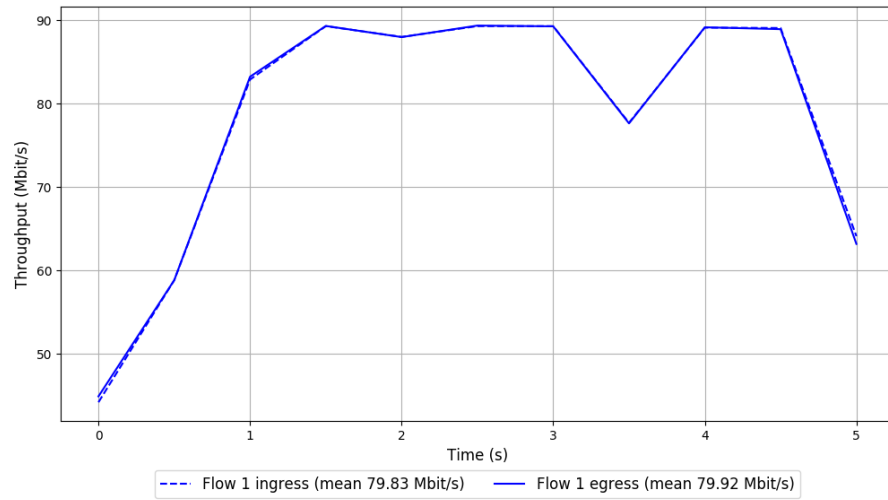
Start at: Sun, 16 Jul 2017 20:35:17 +0000

End at: Sun, 16 Jul 2017 20:35:47 +0000

Local clock offset: -0.197 ms

Remote clock offset: -11.071 ms

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

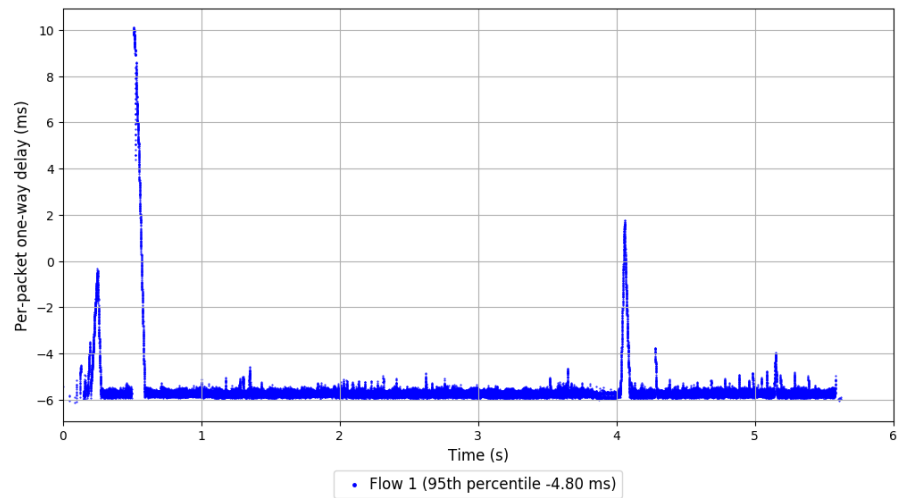
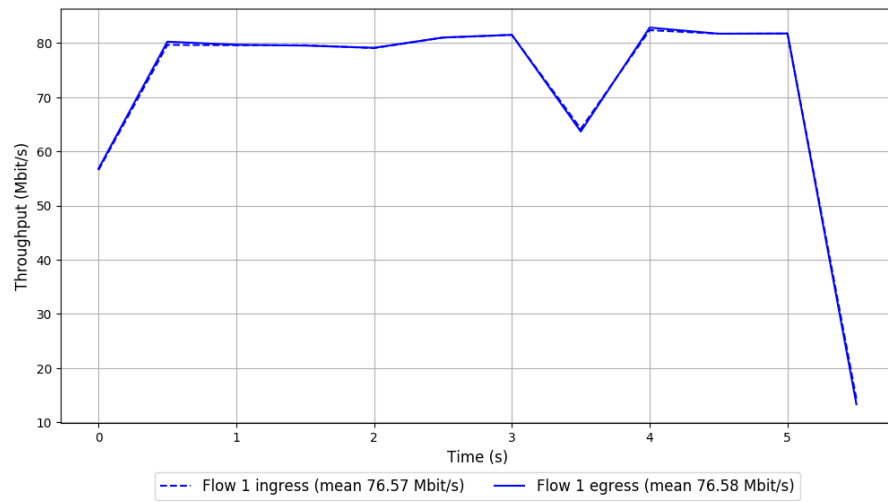
Start at: Sun, 16 Jul 2017 20:52:46 +0000

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

Local clock offset: 0.21 ms

Remote clock offset: -10.234 ms

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

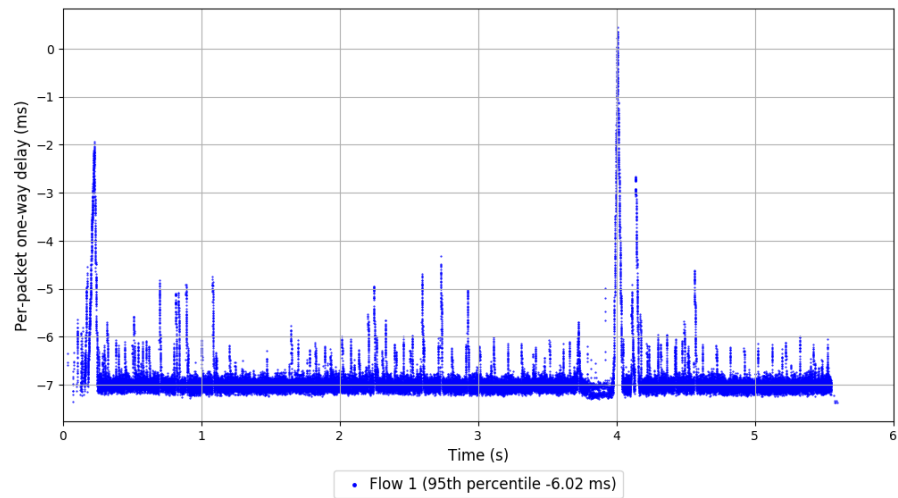
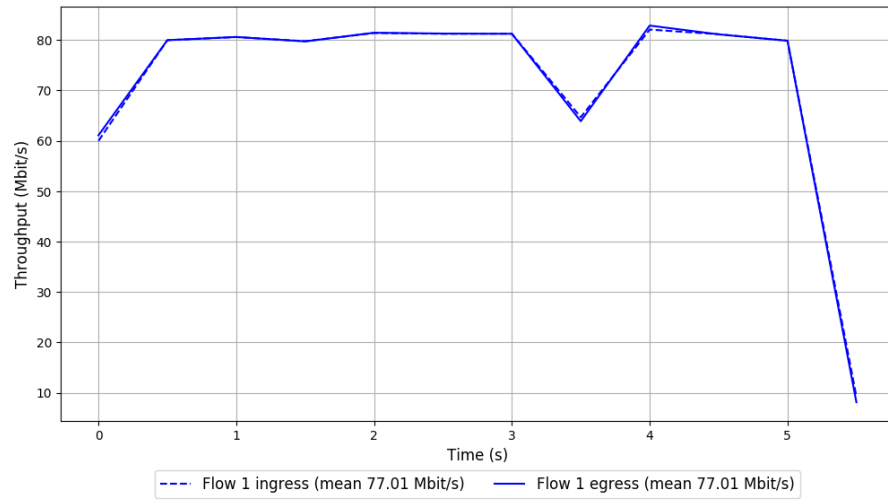
Start at: Sun, 16 Jul 2017 21:10:02 +0000

End at: Sun, 16 Jul 2017 21:10:32 +0000

Local clock offset: 2.859 ms

Remote clock offset: -9.291 ms

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

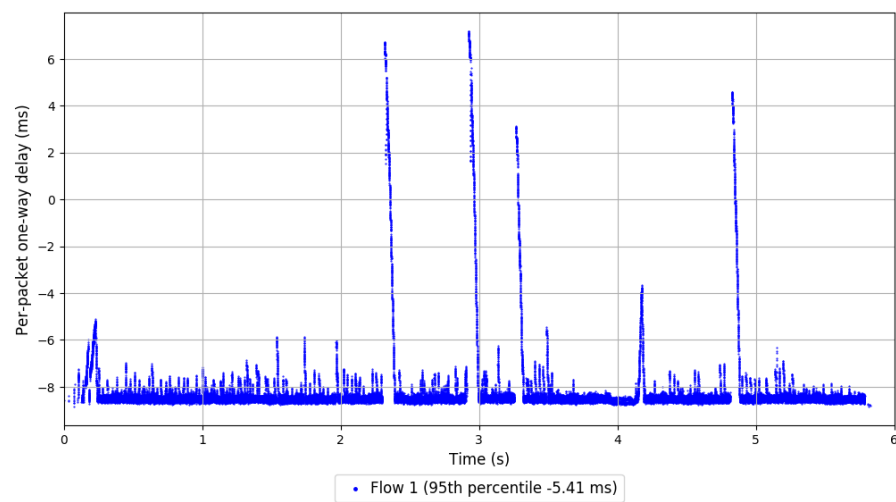
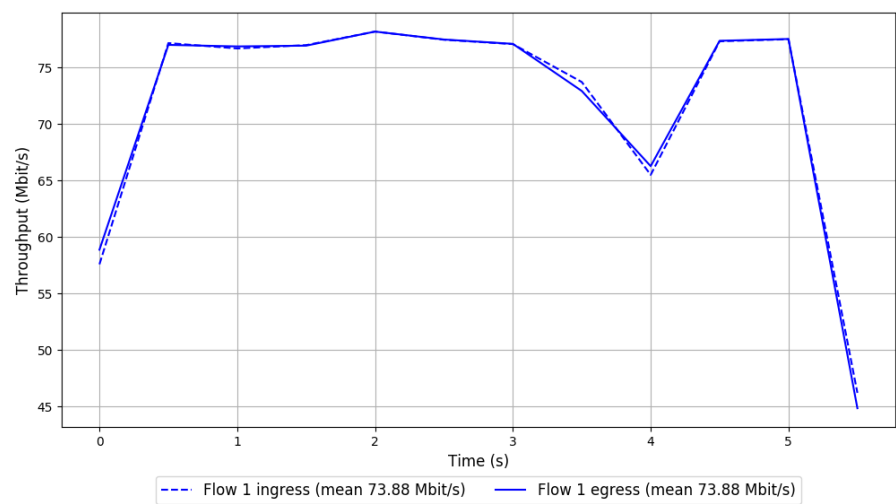
Start at: Sun, 16 Jul 2017 21:27:37 +0000

End at: Sun, 16 Jul 2017 21:28:07 +0000

Local clock offset: 3.366 ms

Remote clock offset: -11.318 ms

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

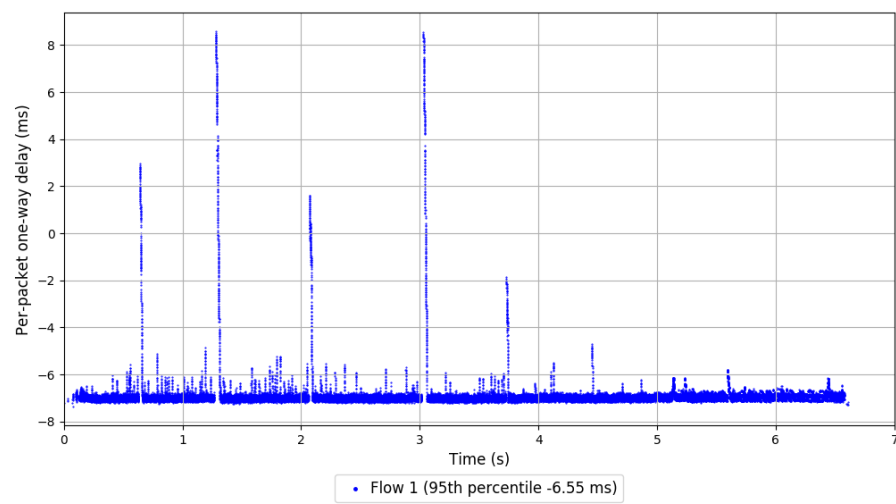
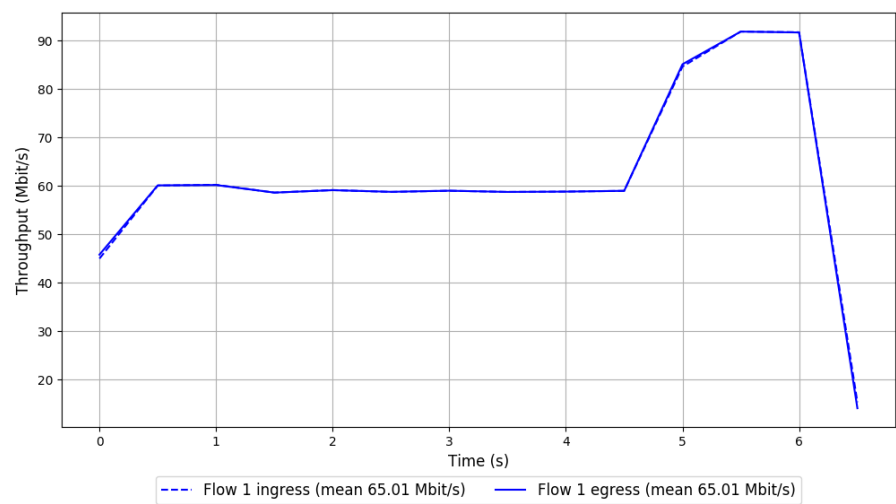
Start at: Sun, 16 Jul 2017 21:45:33 +0000

End at: Sun, 16 Jul 2017 21:46:03 +0000

Local clock offset: 2.743 ms

Remote clock offset: -11.389 ms

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

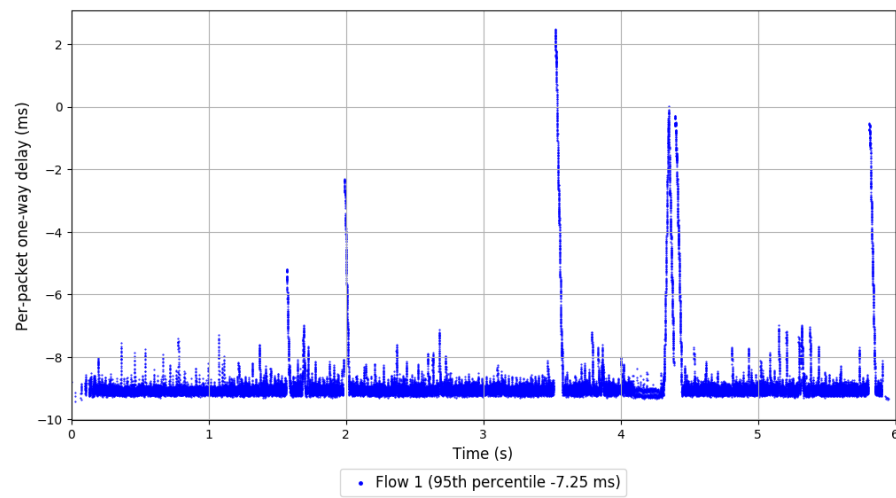
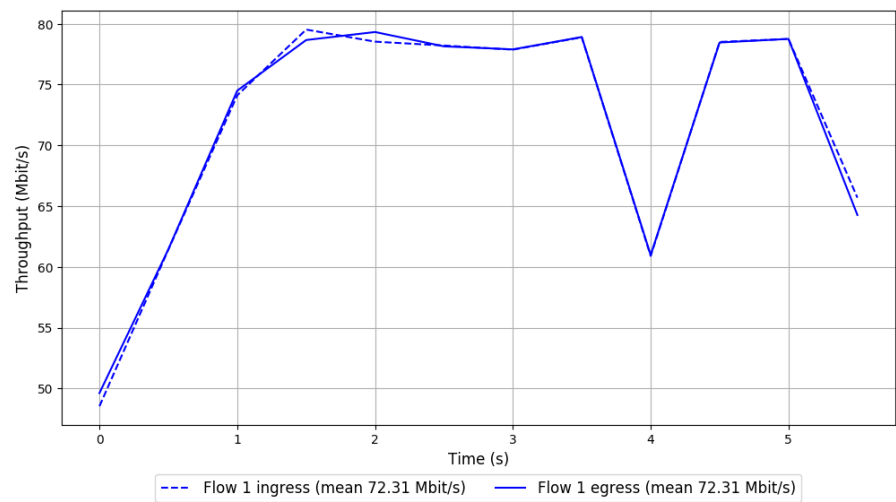
Start at: Sun, 16 Jul 2017 22:03:04 +0000

End at: Sun, 16 Jul 2017 22:03:34 +0000

Local clock offset: 0.048 ms

Remote clock offset: -16.947 ms

Run 10: Report of QUIC Cubic — Data Link



Run 1: Statistics of Saturator

Start at: Sun, 16 Jul 2017 19:21:24 +0000

End at: Sun, 16 Jul 2017 19:21:54 +0000

Local clock offset: 2.587 ms

Remote clock offset: -9.702 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:30:33 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.00 Mbit/s

95th percentile per-packet one-way delay: -4.972 ms

Loss rate: 0.00%

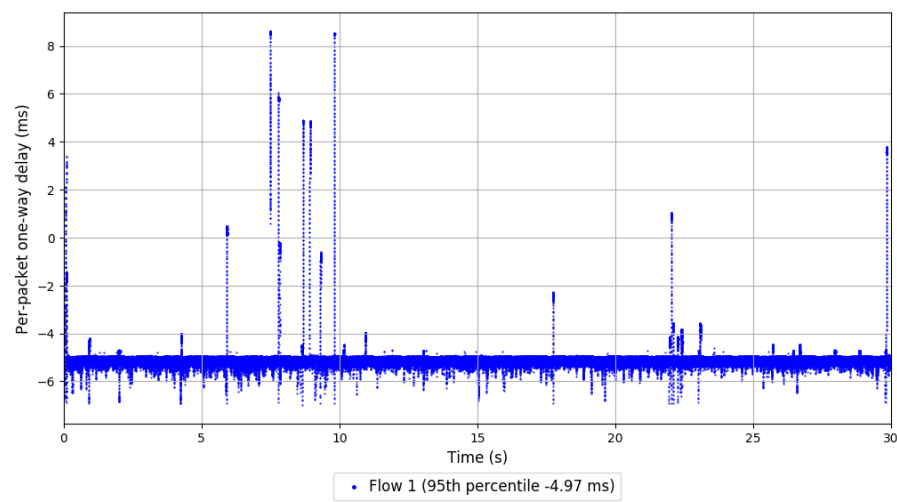
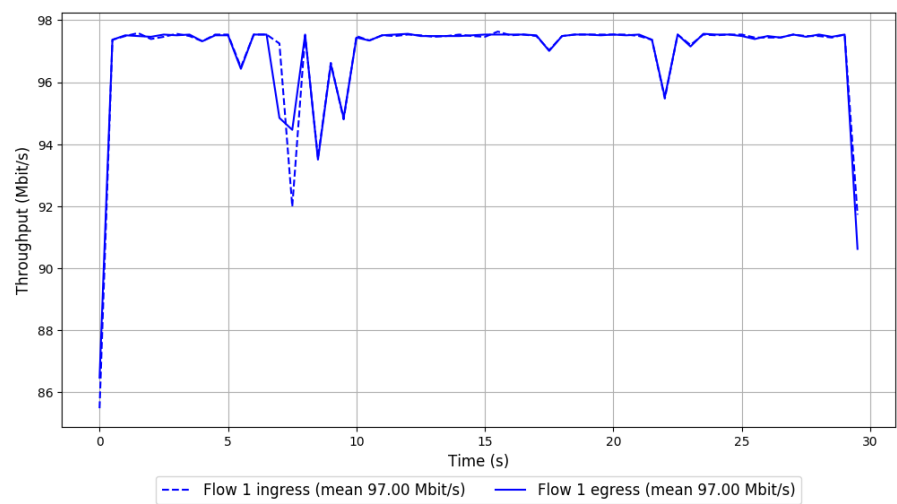
-- Flow 1:

Average throughput: 97.00 Mbit/s

95th percentile per-packet one-way delay: -4.972 ms

Loss rate: 0.00%

Run 1: Report of Saturator — Data Link



Run 2: Statistics of Saturator

Start at: Sun, 16 Jul 2017 19:39:21 +0000

End at: Sun, 16 Jul 2017 19:39:51 +0000

Local clock offset: 1.64 ms

Remote clock offset: -10.799 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:30:33 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.84 Mbit/s

95th percentile per-packet one-way delay: -4.924 ms

Loss rate: 0.02%

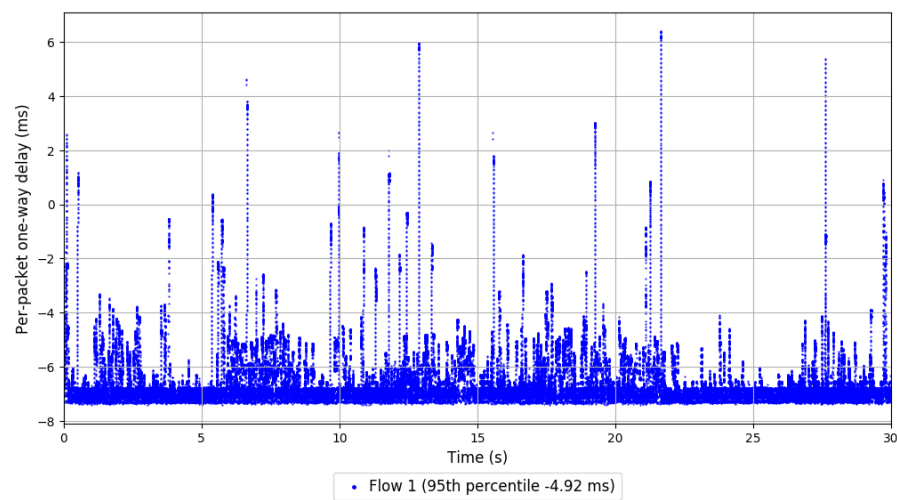
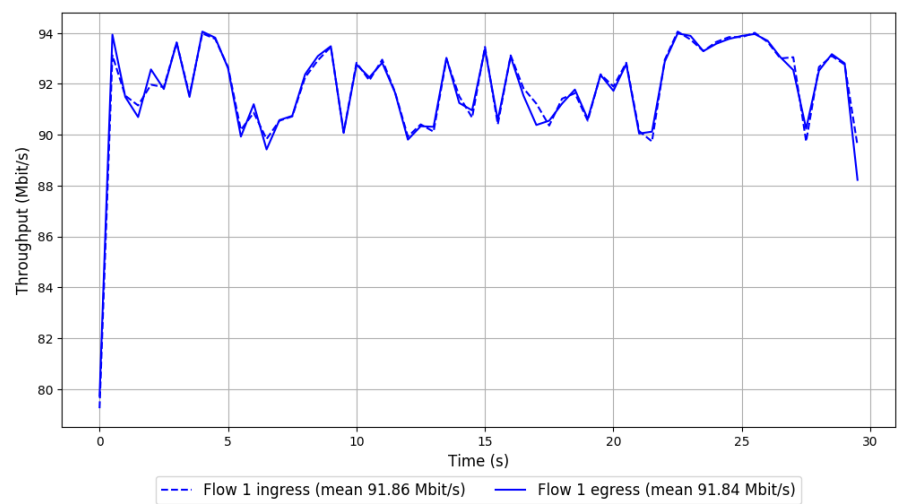
-- Flow 1:

Average throughput: 91.84 Mbit/s

95th percentile per-packet one-way delay: -4.924 ms

Loss rate: 0.02%

Run 2: Report of Saturator — Data Link



Run 3: Statistics of Saturator

Start at: Sun, 16 Jul 2017 19:56:52 +0000

End at: Sun, 16 Jul 2017 19:57:22 +0000

Local clock offset: 2.228 ms

Remote clock offset: -9.41 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:30:45 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.69 Mbit/s

95th percentile per-packet one-way delay: -5.192 ms

Loss rate: 0.00%

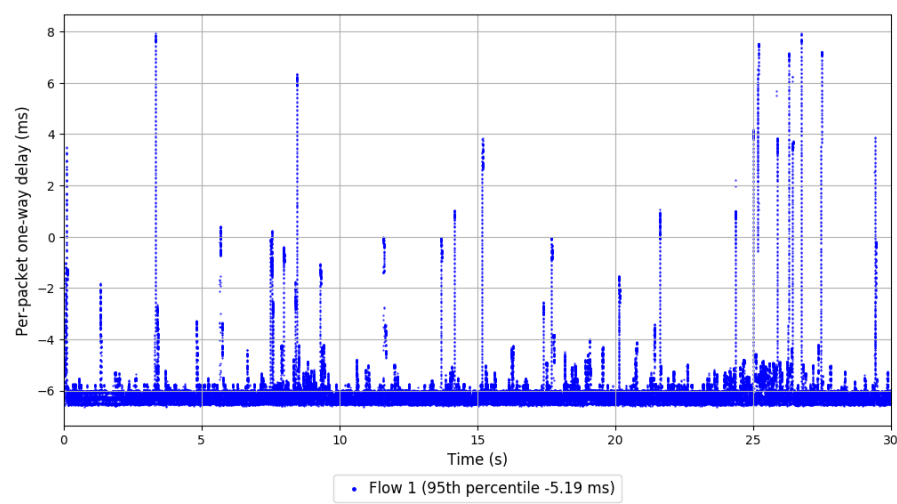
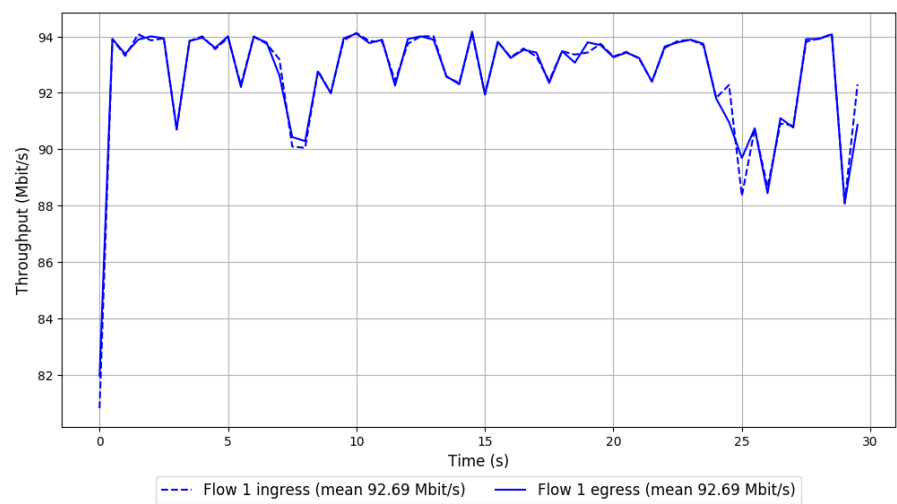
-- Flow 1:

Average throughput: 92.69 Mbit/s

95th percentile per-packet one-way delay: -5.192 ms

Loss rate: 0.00%

Run 3: Report of Saturator — Data Link



Run 4: Statistics of Saturator

Start at: Sun, 16 Jul 2017 20:14:03 +0000

End at: Sun, 16 Jul 2017 20:14:33 +0000

Local clock offset: 2.243 ms

Remote clock offset: -9.672 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:30:45 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.95 Mbit/s

95th percentile per-packet one-way delay: -4.880 ms

Loss rate: 0.01%

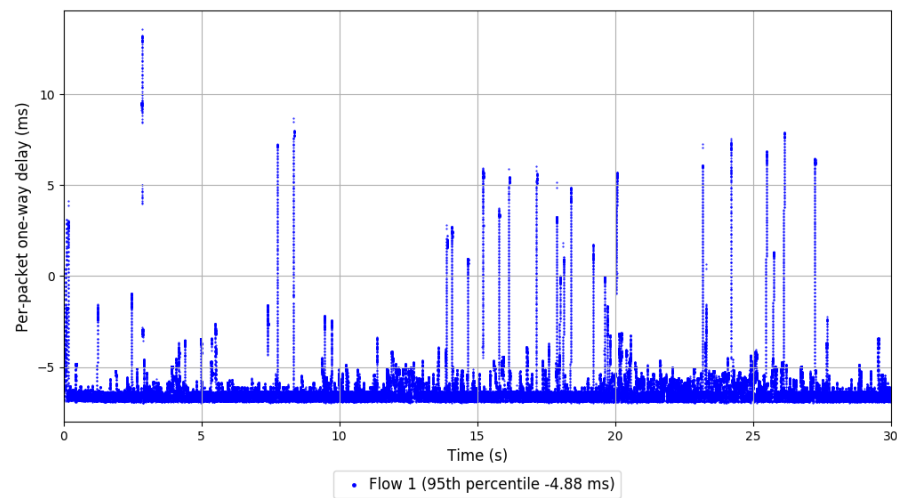
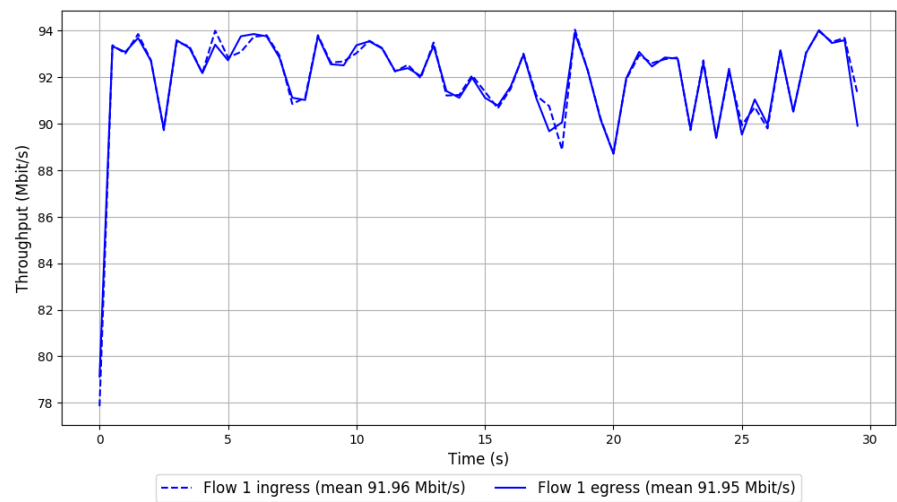
-- Flow 1:

Average throughput: 91.95 Mbit/s

95th percentile per-packet one-way delay: -4.880 ms

Loss rate: 0.01%

Run 4: Report of Saturator — Data Link



Run 5: Statistics of Saturator

Start at: Sun, 16 Jul 2017 20:31:45 +0000

End at: Sun, 16 Jul 2017 20:32:15 +0000

Local clock offset: 2.567 ms

Remote clock offset: -8.791 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:30:58 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.28 Mbit/s

95th percentile per-packet one-way delay: -5.754 ms

Loss rate: 0.00%

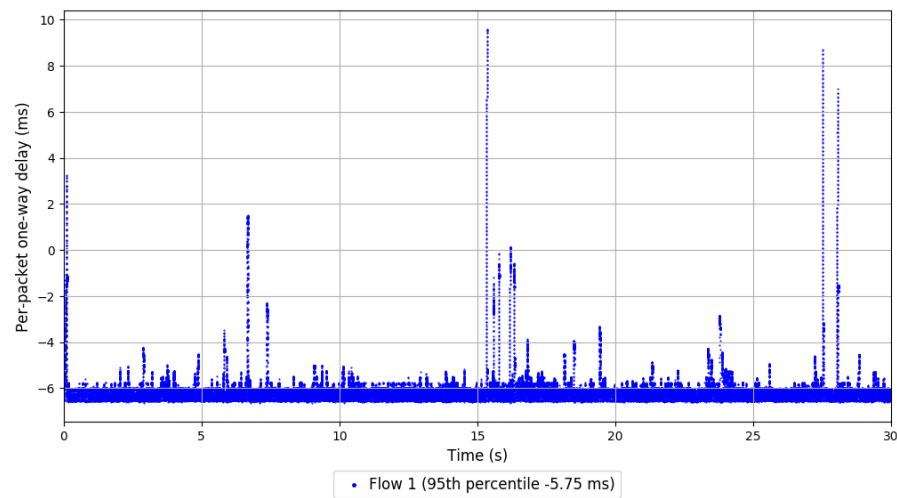
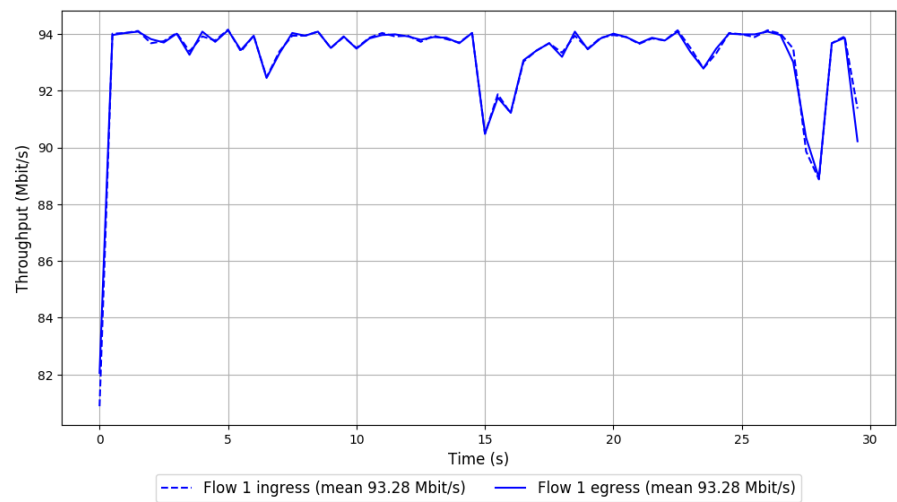
-- Flow 1:

Average throughput: 93.28 Mbit/s

95th percentile per-packet one-way delay: -5.754 ms

Loss rate: 0.00%

Run 5: Report of Saturator — Data Link



Run 6: Statistics of Saturator

Start at: Sun, 16 Jul 2017 20:49:17 +0000

End at: Sun, 16 Jul 2017 20:49:47 +0000

Local clock offset: -4.218 ms

Remote clock offset: -13.545 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:30:58 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.32 Mbit/s

95th percentile per-packet one-way delay: -3.192 ms

Loss rate: 0.00%

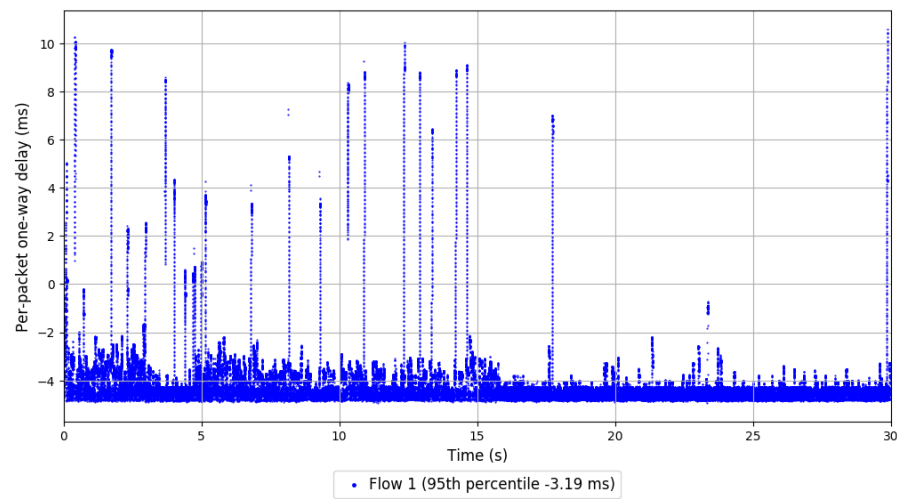
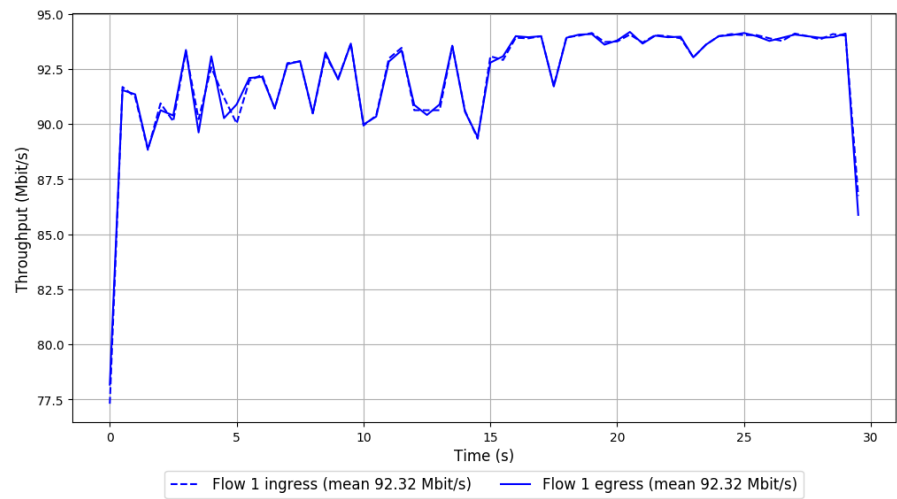
-- Flow 1:

Average throughput: 92.32 Mbit/s

95th percentile per-packet one-way delay: -3.192 ms

Loss rate: 0.00%

Run 6: Report of Saturator — Data Link



Run 7: Statistics of Saturator

Start at: Sun, 16 Jul 2017 21:06:39 +0000

End at: Sun, 16 Jul 2017 21:07:09 +0000

Local clock offset: 3.046 ms

Remote clock offset: -10.567 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.23 Mbit/s

95th percentile per-packet one-way delay: -7.616 ms

Loss rate: 0.00%

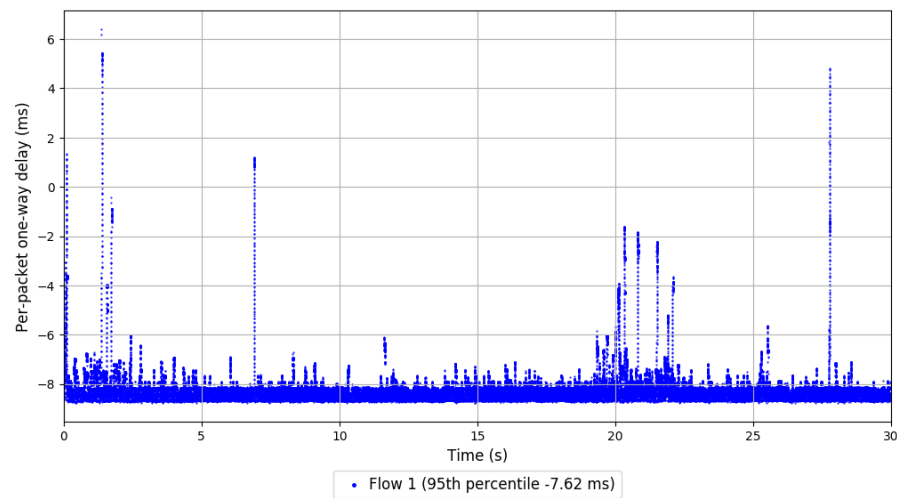
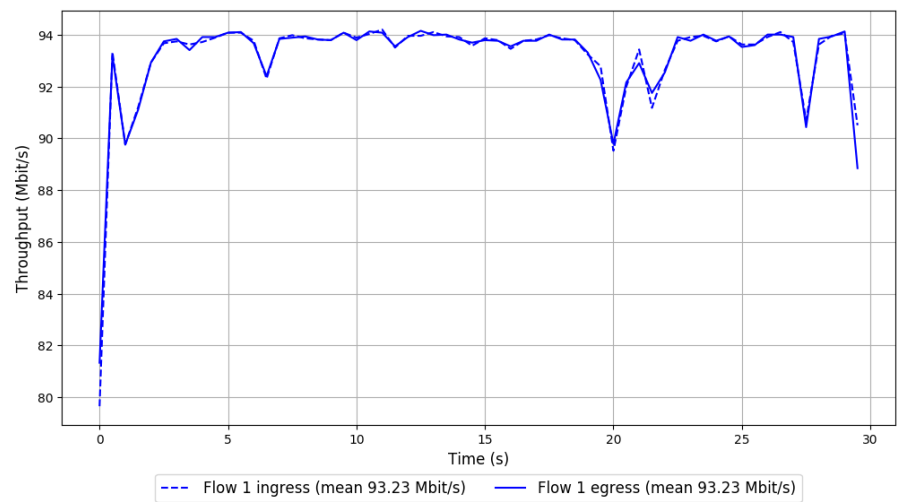
-- Flow 1:

Average throughput: 93.23 Mbit/s

95th percentile per-packet one-way delay: -7.616 ms

Loss rate: 0.00%

Run 7: Report of Saturator — Data Link



Run 8: Statistics of Saturator

Start at: Sun, 16 Jul 2017 21:24:02 +0000

End at: Sun, 16 Jul 2017 21:24:32 +0000

Local clock offset: 2.396 ms

Remote clock offset: -11.447 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.19 Mbit/s

95th percentile per-packet one-way delay: -6.883 ms

Loss rate: 0.00%

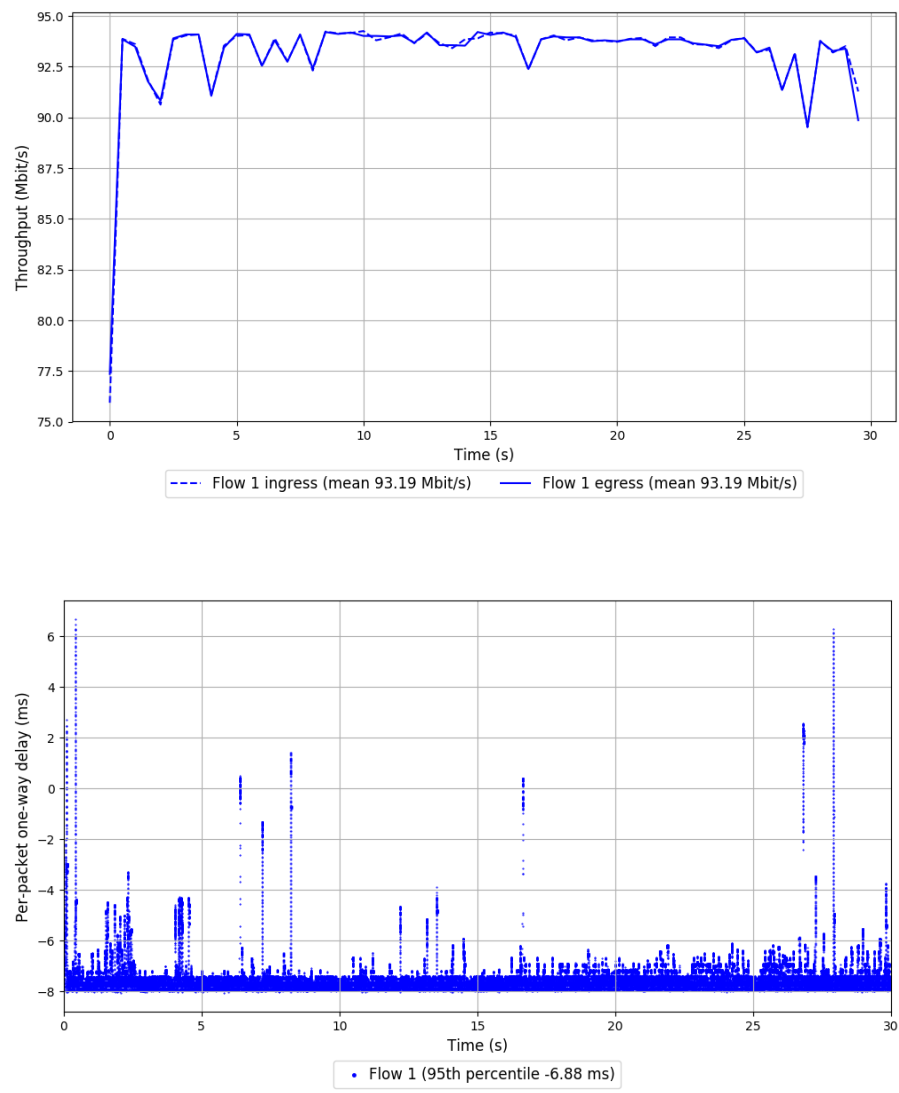
-- Flow 1:

Average throughput: 93.19 Mbit/s

95th percentile per-packet one-way delay: -6.883 ms

Loss rate: 0.00%

Run 8: Report of Saturator — Data Link



Run 9: Statistics of Saturator

Start at: Sun, 16 Jul 2017 21:41:55 +0000

End at: Sun, 16 Jul 2017 21:42:25 +0000

Local clock offset: 3.232 ms

Remote clock offset: -12.616 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.13 Mbit/s

95th percentile per-packet one-way delay: -7.893 ms

Loss rate: 0.01%

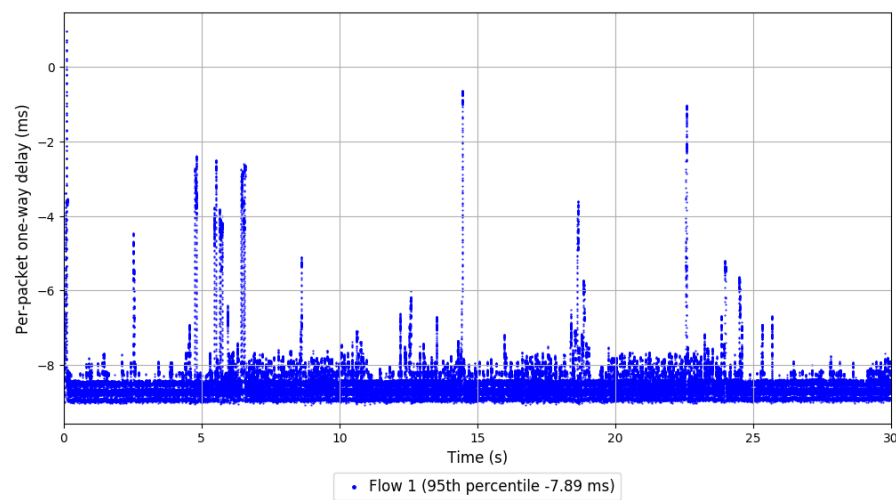
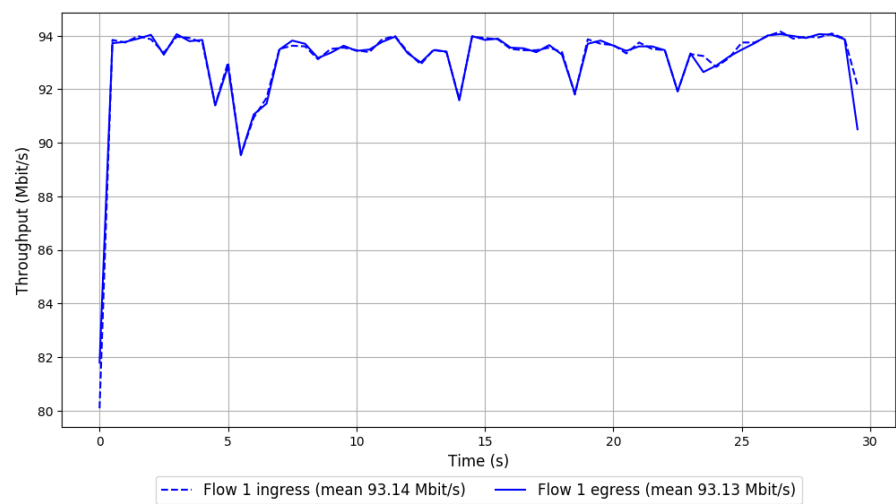
-- Flow 1:

Average throughput: 93.13 Mbit/s

95th percentile per-packet one-way delay: -7.893 ms

Loss rate: 0.01%

Run 9: Report of Saturator — Data Link



Run 10: Statistics of Saturator

Start at: Sun, 16 Jul 2017 21:59:41 +0000

End at: Sun, 16 Jul 2017 22:00:11 +0000

Local clock offset: -0.374 ms

Remote clock offset: -13.58 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.57 Mbit/s

95th percentile per-packet one-way delay: -4.038 ms

Loss rate: 0.00%

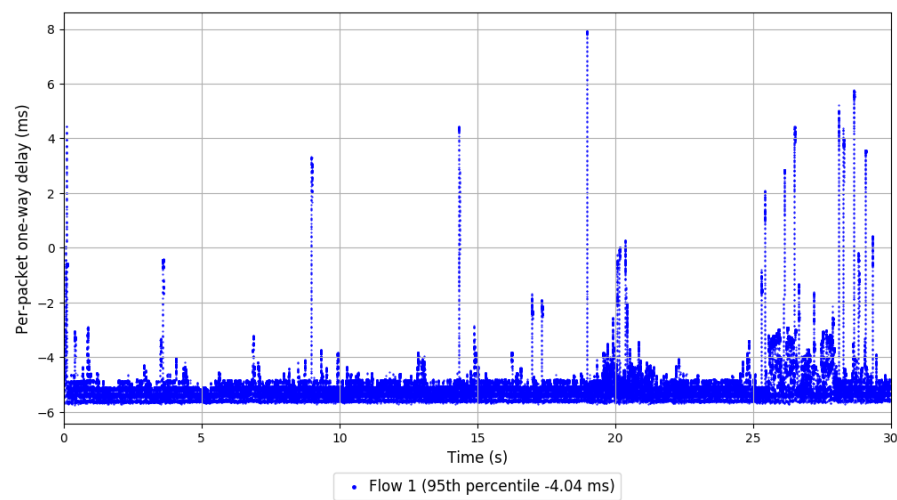
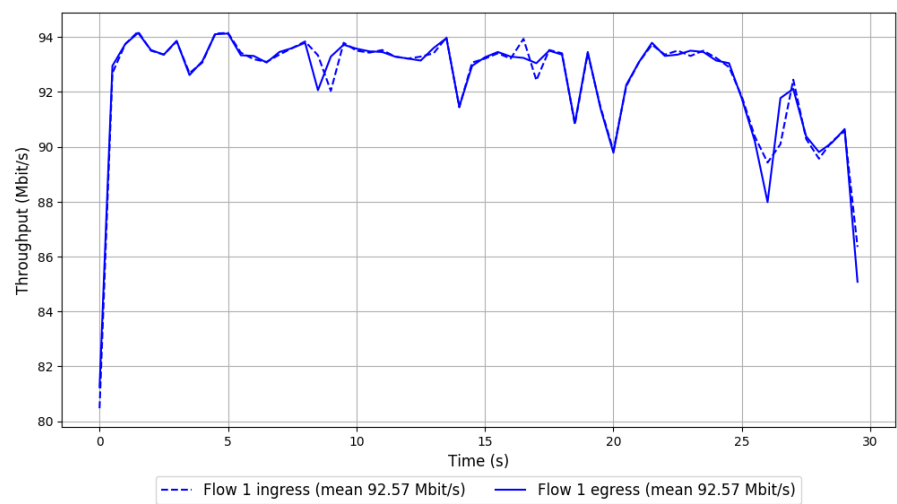
-- Flow 1:

Average throughput: 92.57 Mbit/s

95th percentile per-packet one-way delay: -4.038 ms

Loss rate: 0.00%

Run 10: Report of Saturator — Data Link



Run 1: Statistics of SCReAM

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

End at: Sun, 16 Jul 2017 19:13:18 +0000

Local clock offset: 0.119 ms

Remote clock offset: -11.998 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: -6.322 ms

Loss rate: 0.00%

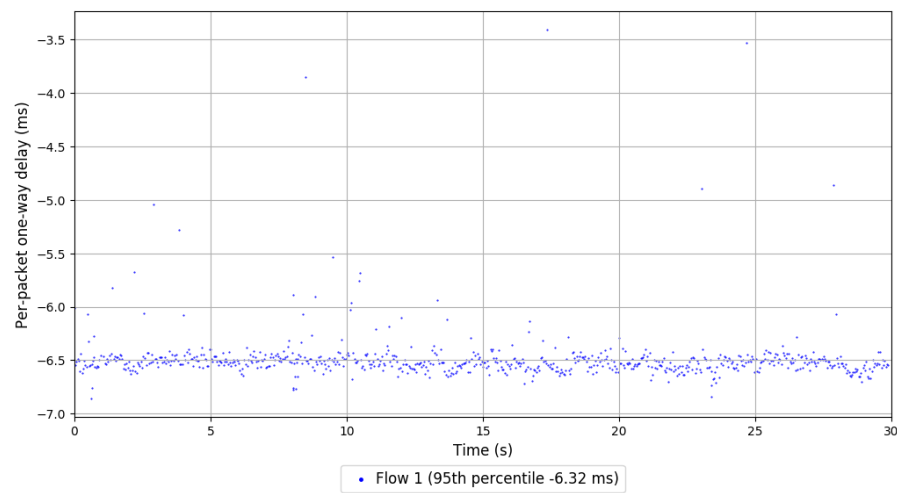
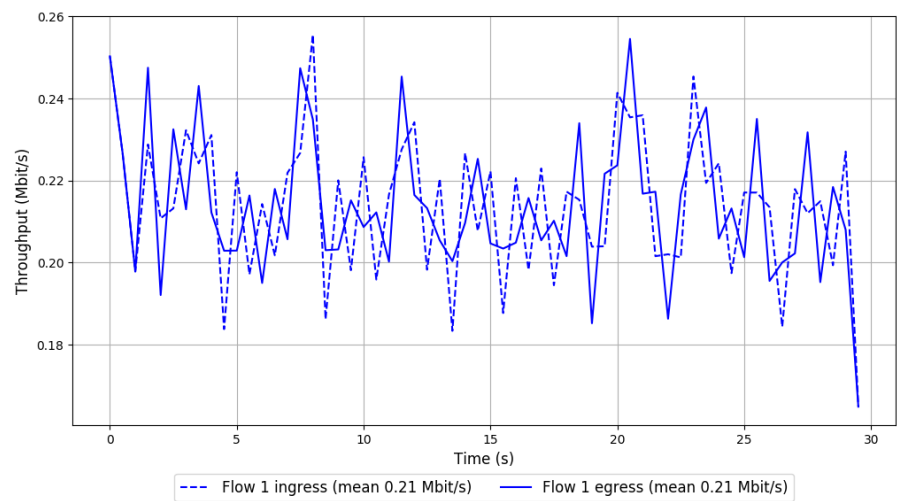
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: -6.322 ms

Loss rate: 0.00%

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

Start at: Sun, 16 Jul 2017 19:30:56 +0000

End at: Sun, 16 Jul 2017 19:31:26 +0000

Local clock offset: 2.301 ms

Remote clock offset: -11.948 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: -8.707 ms

Loss rate: 0.00%

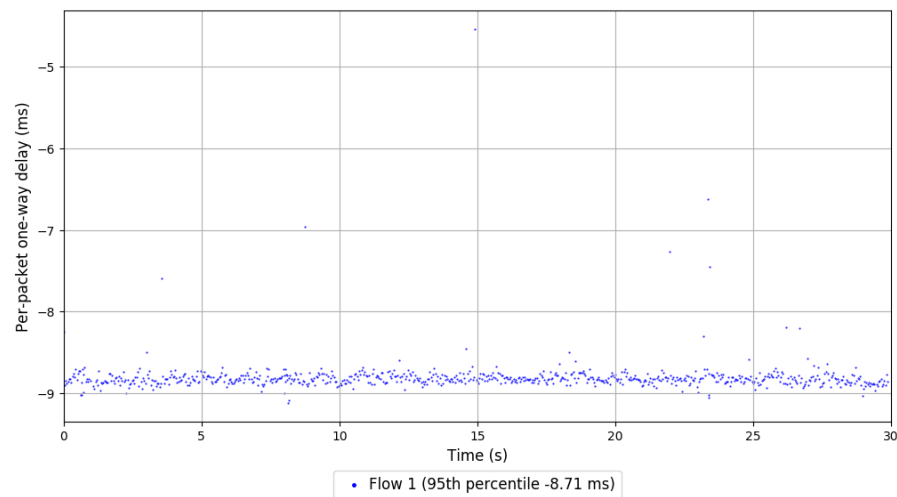
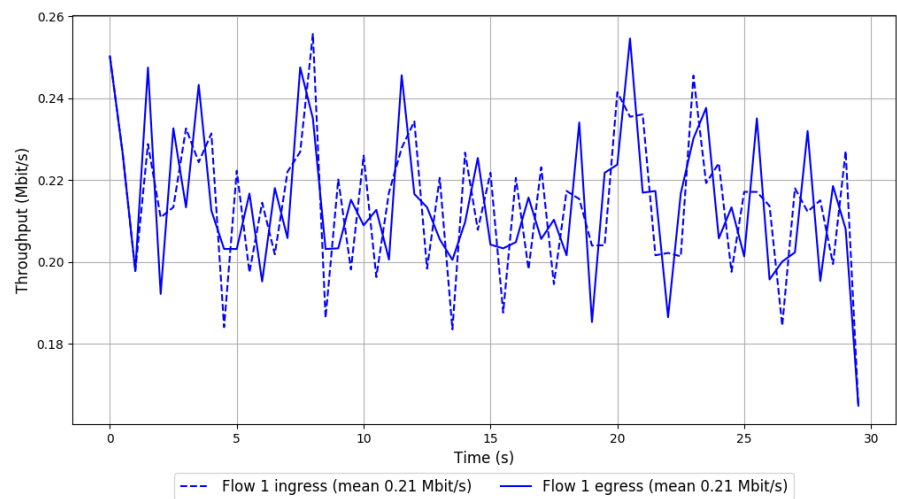
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: -8.707 ms

Loss rate: 0.00%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SCReAM

Start at: Sun, 16 Jul 2017 19:48:41 +0000

End at: Sun, 16 Jul 2017 19:49:11 +0000

Local clock offset: 3.043 ms

Remote clock offset: -9.925 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: -7.471 ms

Loss rate: 0.00%

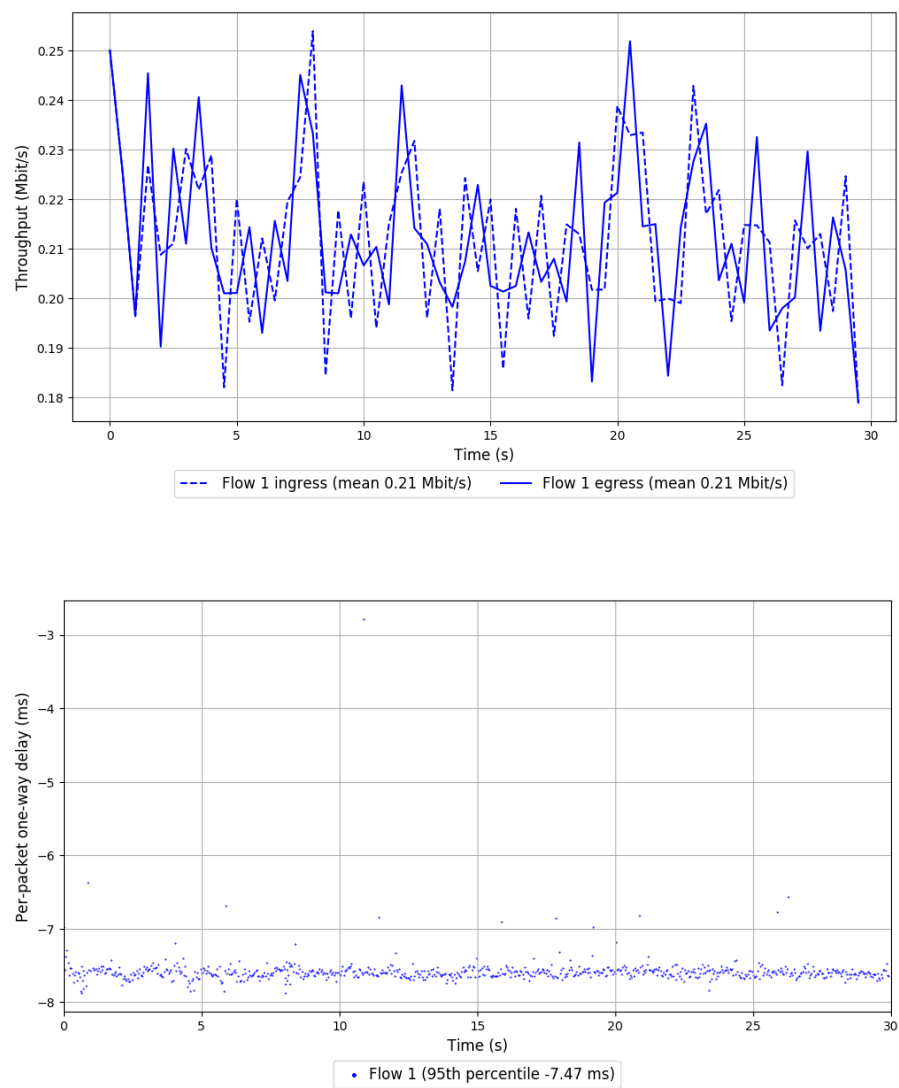
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: -7.471 ms

Loss rate: 0.00%

Run 3: Report of SReAM — Data Link



Run 4: Statistics of SCReAM

Start at: Sun, 16 Jul 2017 20:05:55 +0000

End at: Sun, 16 Jul 2017 20:06:25 +0000

Local clock offset: 2.909 ms

Remote clock offset: -8.967 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: -6.431 ms

Loss rate: 0.00%

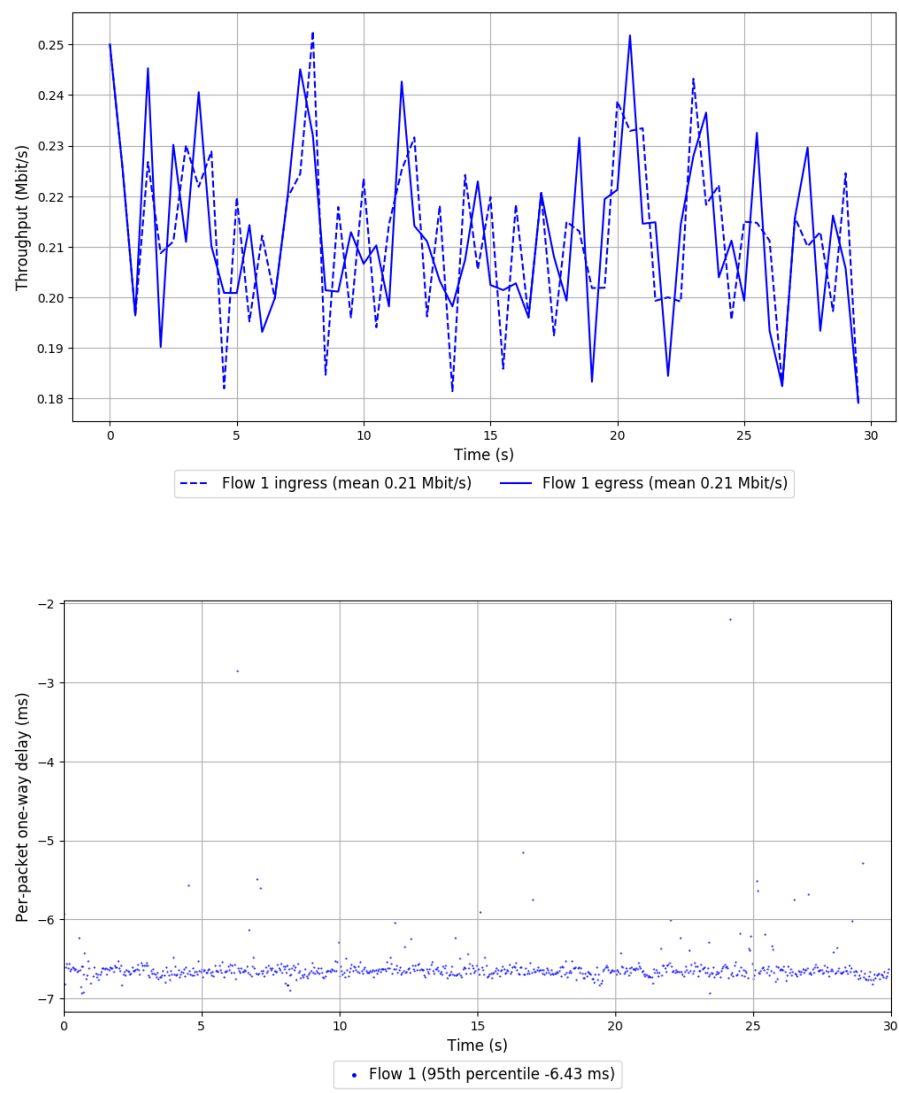
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: -6.431 ms

Loss rate: 0.00%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

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

End at: Sun, 16 Jul 2017 20:23:46 +0000

Local clock offset: 2.822 ms

Remote clock offset: -9.885 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

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

Loss rate: 0.00%

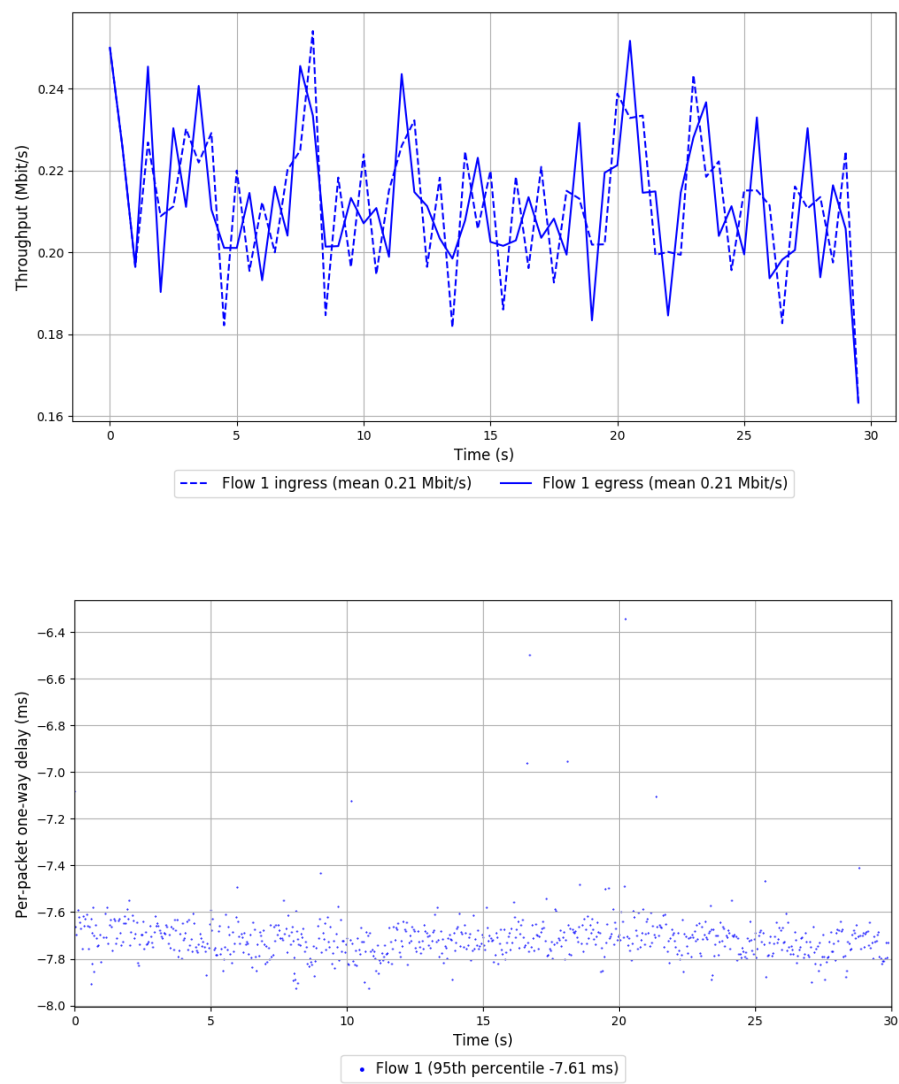
-- Flow 1:

Average throughput: 0.21 Mbit/s

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

Loss rate: 0.00%

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SCReAM

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

End at: Sun, 16 Jul 2017 20:41:28 +0000

Local clock offset: 0.422 ms

Remote clock offset: -9.108 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: -4.597 ms

Loss rate: 0.00%

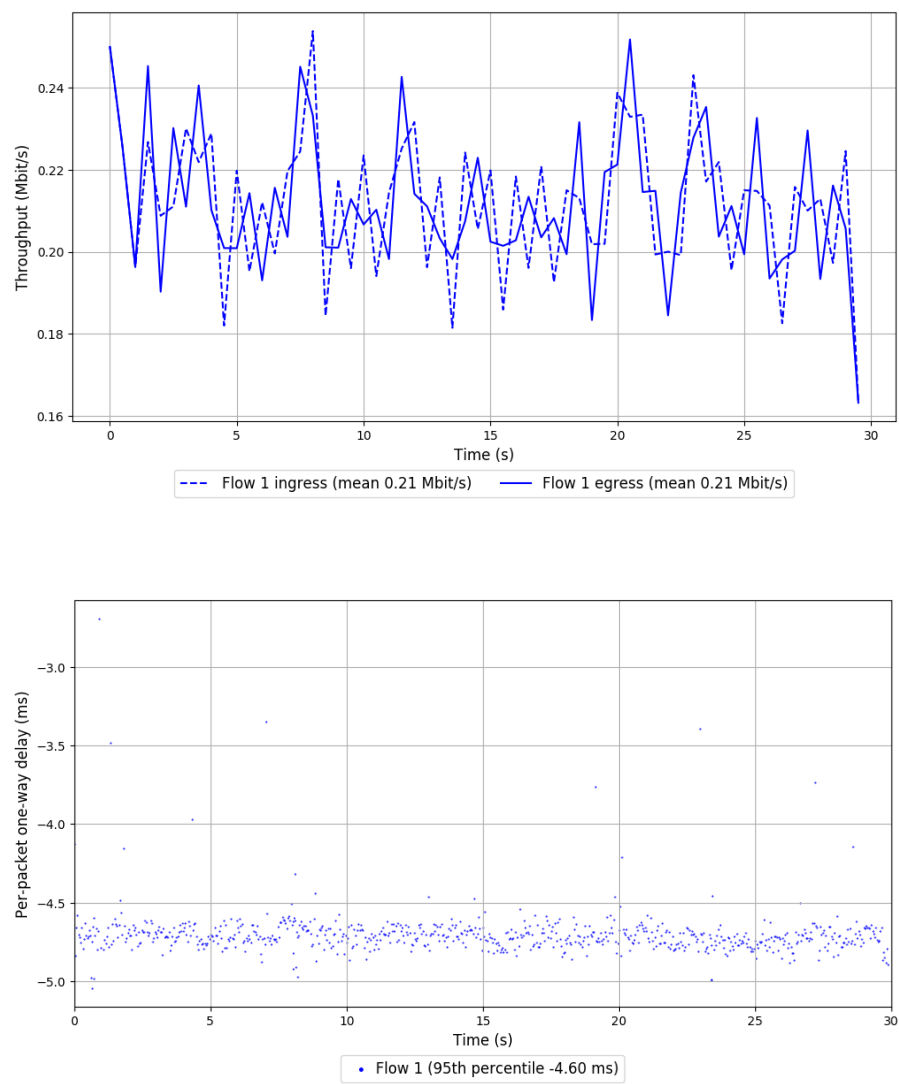
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: -4.597 ms

Loss rate: 0.00%

Run 6: Report of SReAM — Data Link



Run 7: Statistics of SCReAM

Start at: Sun, 16 Jul 2017 20:58:25 +0000

End at: Sun, 16 Jul 2017 20:58:55 +0000

Local clock offset: 1.255 ms

Remote clock offset: -9.834 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: -6.087 ms

Loss rate: 0.00%

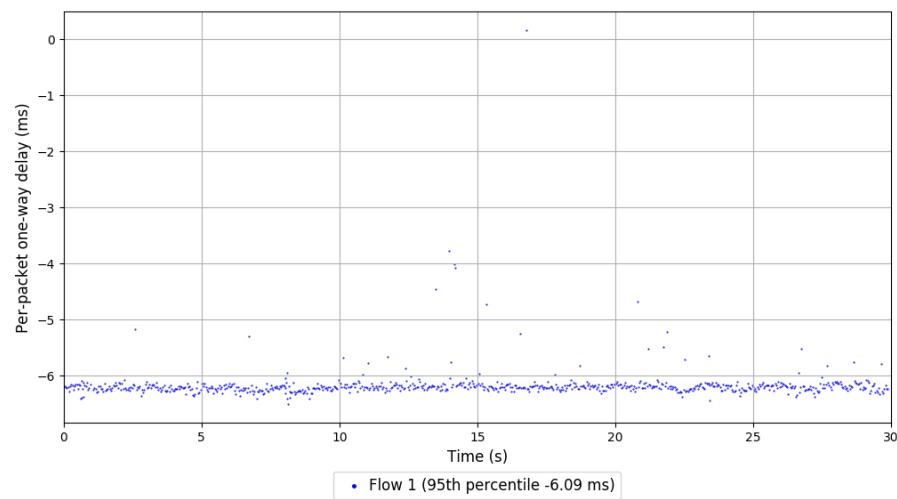
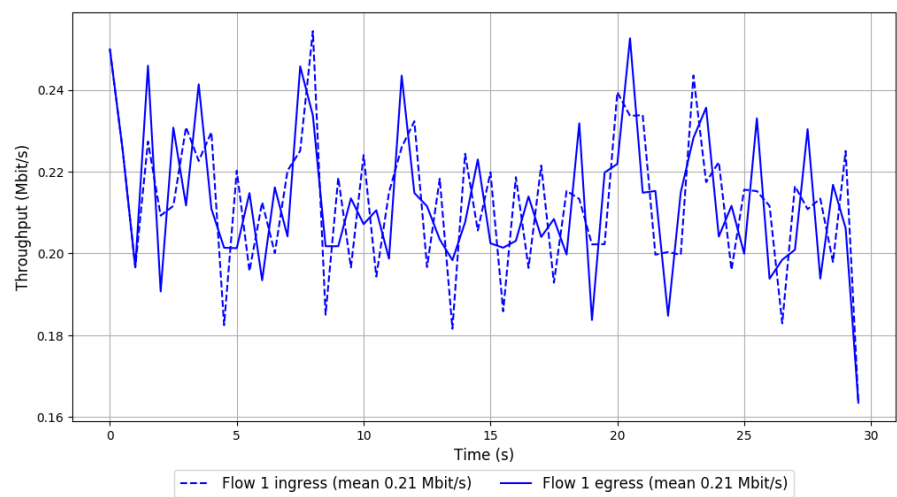
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: -6.087 ms

Loss rate: 0.00%

Run 7: Report of SReAM — Data Link



Run 8: Statistics of SCReAM

Start at: Sun, 16 Jul 2017 21:15:44 +0000

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

Local clock offset: -0.324 ms

Remote clock offset: -10.266 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: -4.322 ms

Loss rate: 0.00%

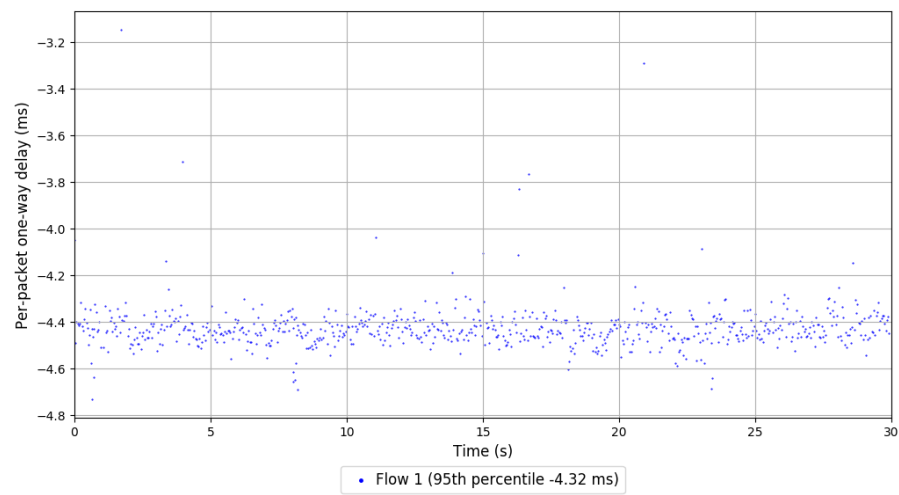
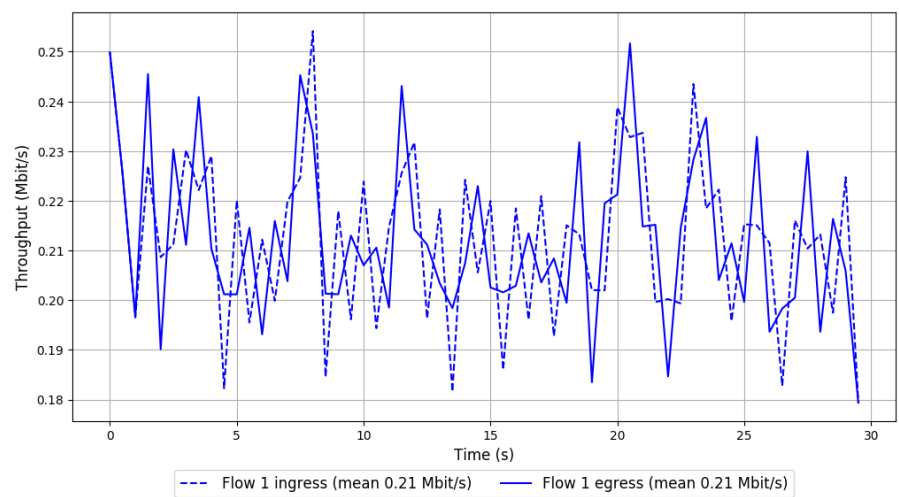
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: -4.322 ms

Loss rate: 0.00%

Run 8: Report of SReAM — Data Link



Run 9: Statistics of SCReAM

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

End at: Sun, 16 Jul 2017 21:33:51 +0000

Local clock offset: 3.112 ms

Remote clock offset: -11.546 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: -8.146 ms

Loss rate: 0.00%

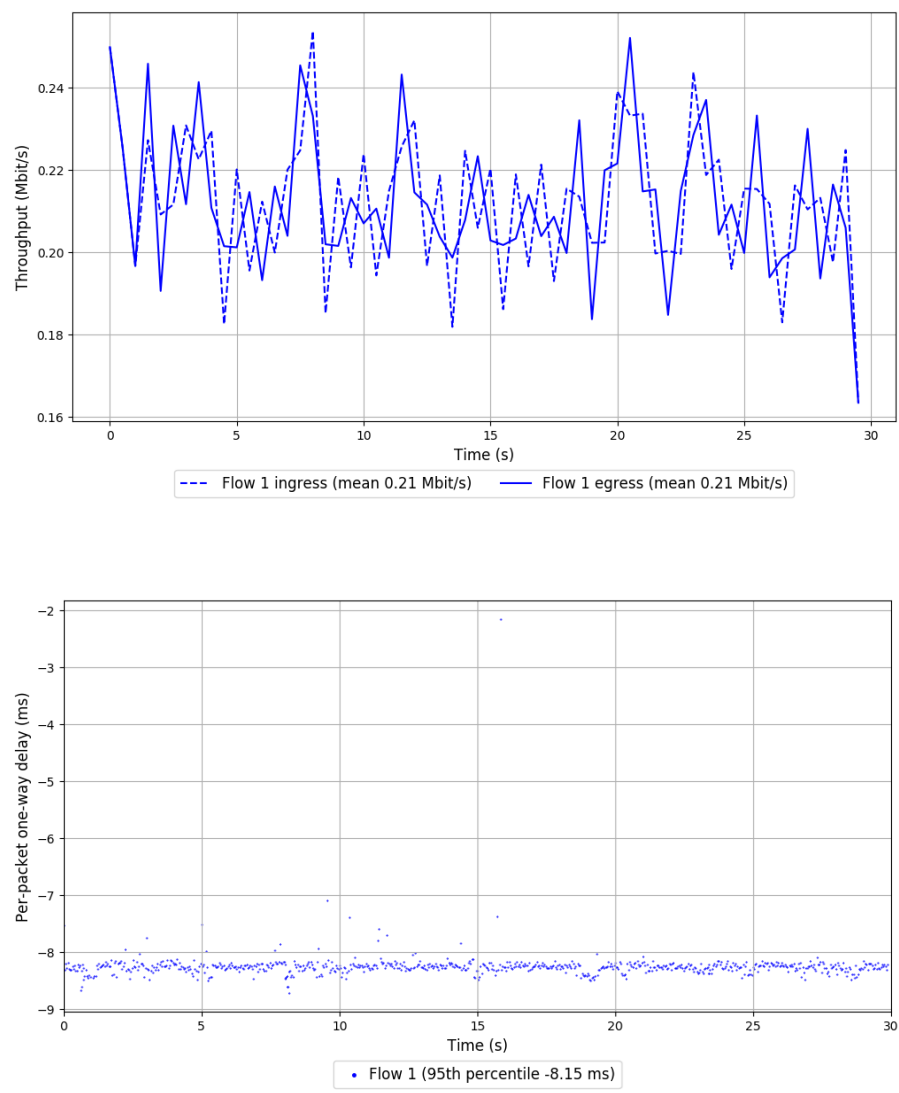
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: -8.146 ms

Loss rate: 0.00%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SCReAM

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

End at: Sun, 16 Jul 2017 21:51:46 +0000

Local clock offset: -0.51 ms

Remote clock offset: -13.099 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: -5.126 ms

Loss rate: 0.00%

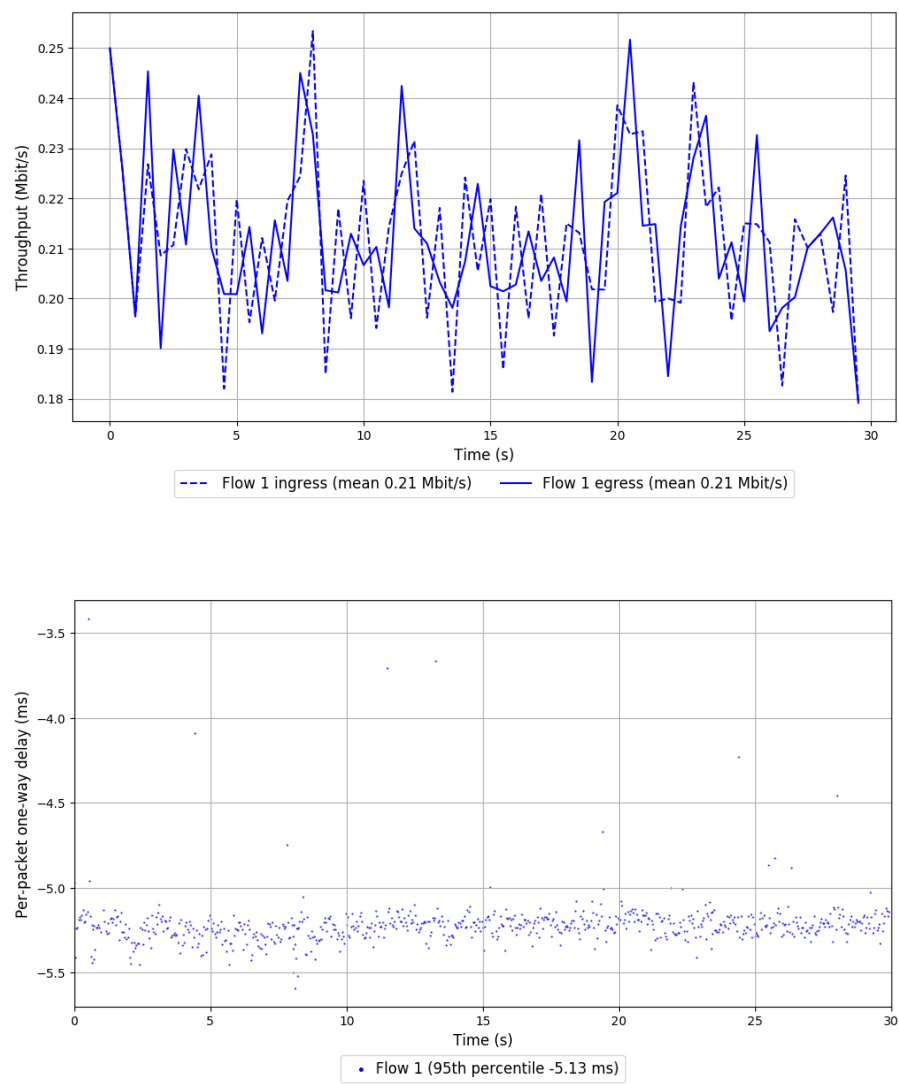
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: -5.126 ms

Loss rate: 0.00%

Run 10: Report of SReAM — Data Link



Run 1: Statistics of Sprout

Start at: Sun, 16 Jul 2017 19:09:22 +0000

End at: Sun, 16 Jul 2017 19:09:52 +0000

Local clock offset: 0.9 ms

Remote clock offset: -10.995 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.83 Mbit/s

95th percentile per-packet one-way delay: 1.513 ms

Loss rate: 0.00%

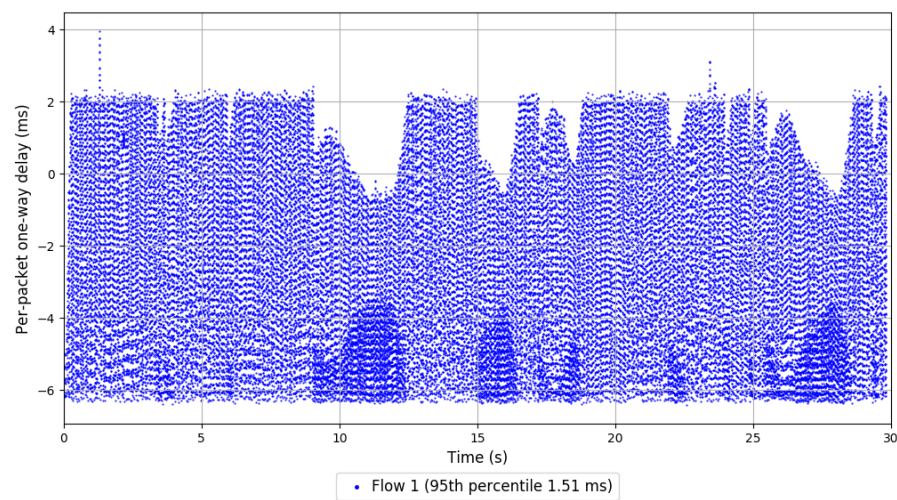
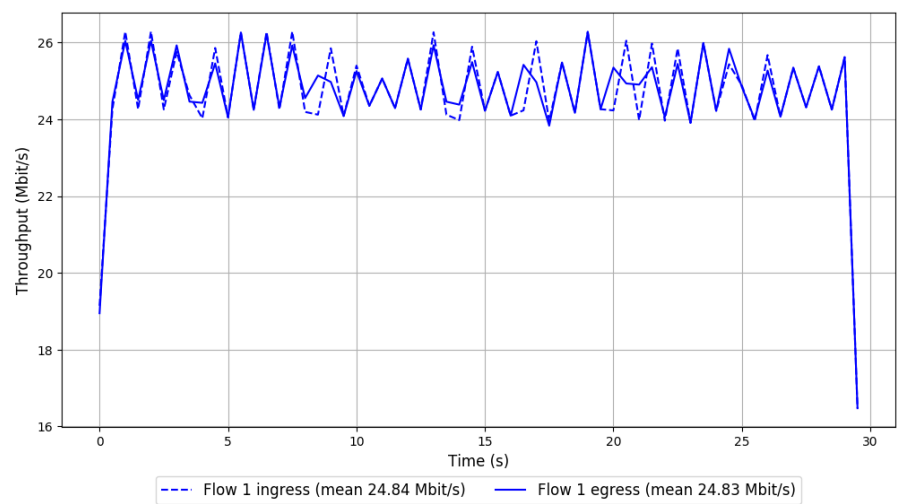
-- Flow 1:

Average throughput: 24.83 Mbit/s

95th percentile per-packet one-way delay: 1.513 ms

Loss rate: 0.00%

Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

Start at: Sun, 16 Jul 2017 19:27:34 +0000

End at: Sun, 16 Jul 2017 19:28:04 +0000

Local clock offset: 2.747 ms

Remote clock offset: -12.318 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.72 Mbit/s

95th percentile per-packet one-way delay: -1.961 ms

Loss rate: 0.00%

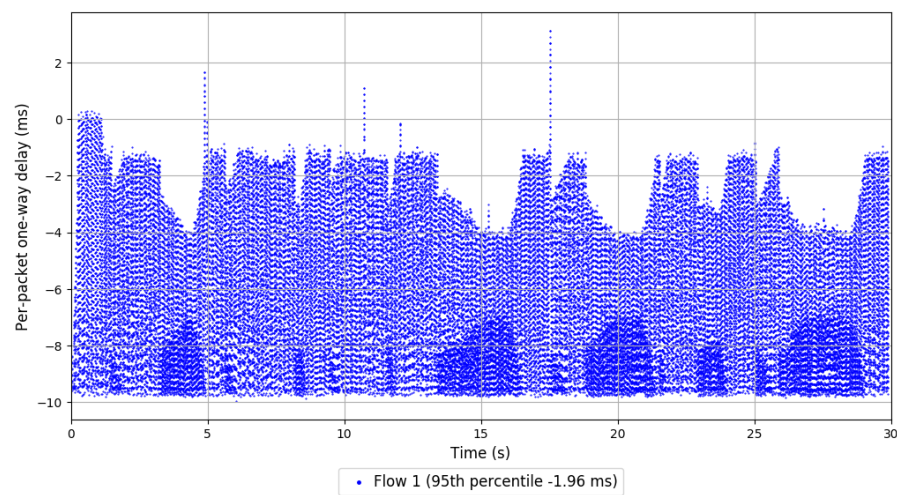
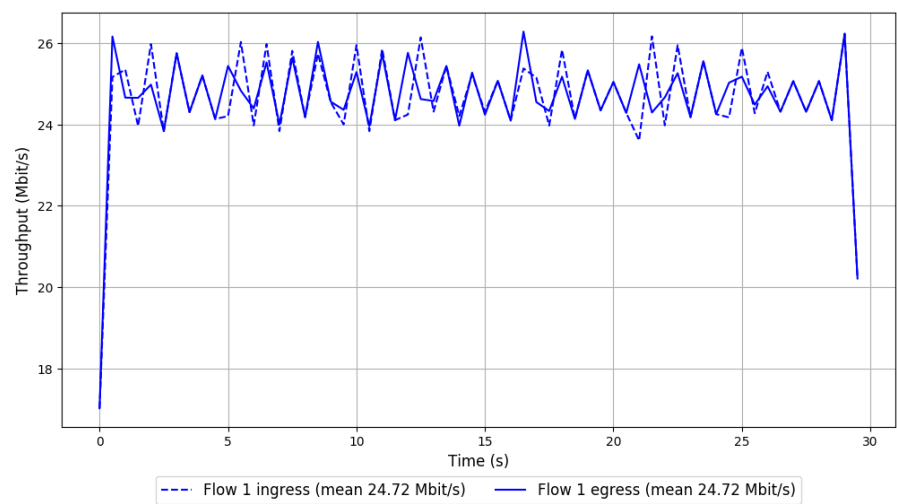
-- Flow 1:

Average throughput: 24.72 Mbit/s

95th percentile per-packet one-way delay: -1.961 ms

Loss rate: 0.00%

Run 2: Report of Sprout — Data Link



Run 3: Statistics of Sprout

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

End at: Sun, 16 Jul 2017 19:45:49 +0000

Local clock offset: 3.399 ms

Remote clock offset: -10.745 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:31:37 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.73 Mbit/s

95th percentile per-packet one-way delay: -1.147 ms

Loss rate: 0.00%

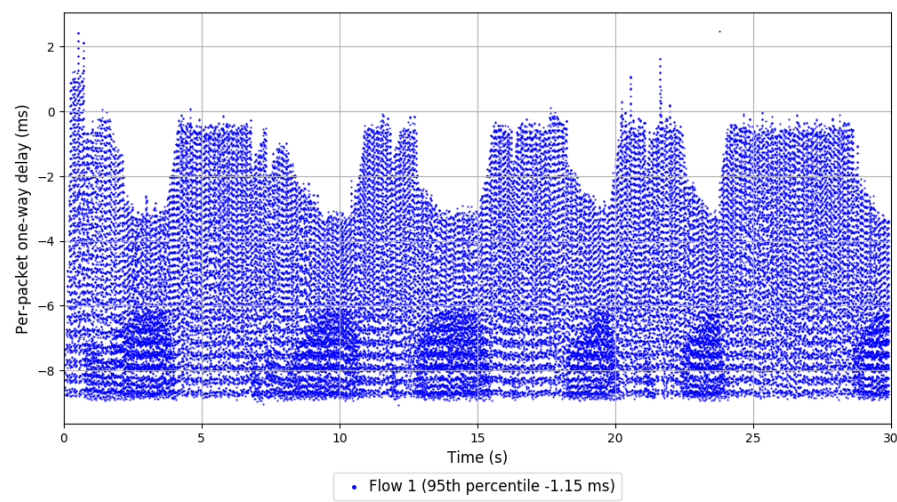
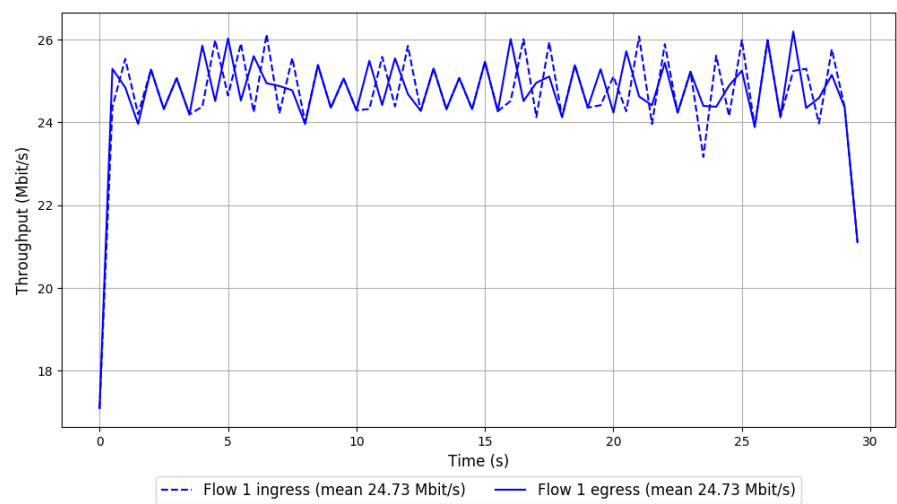
-- Flow 1:

Average throughput: 24.73 Mbit/s

95th percentile per-packet one-way delay: -1.147 ms

Loss rate: 0.00%

Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

Start at: Sun, 16 Jul 2017 20:02:33 +0000

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

Local clock offset: 2.594 ms

Remote clock offset: -10.593 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:31:37 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.67 Mbit/s

95th percentile per-packet one-way delay: -0.495 ms

Loss rate: 0.00%

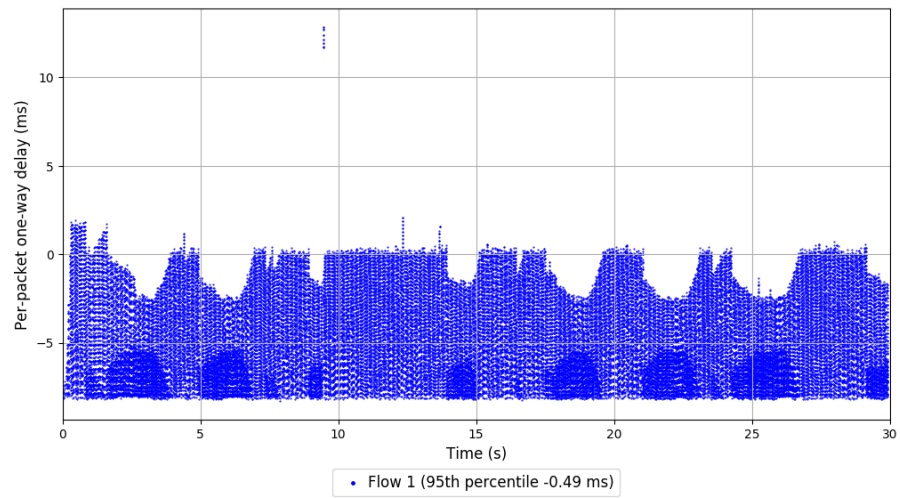
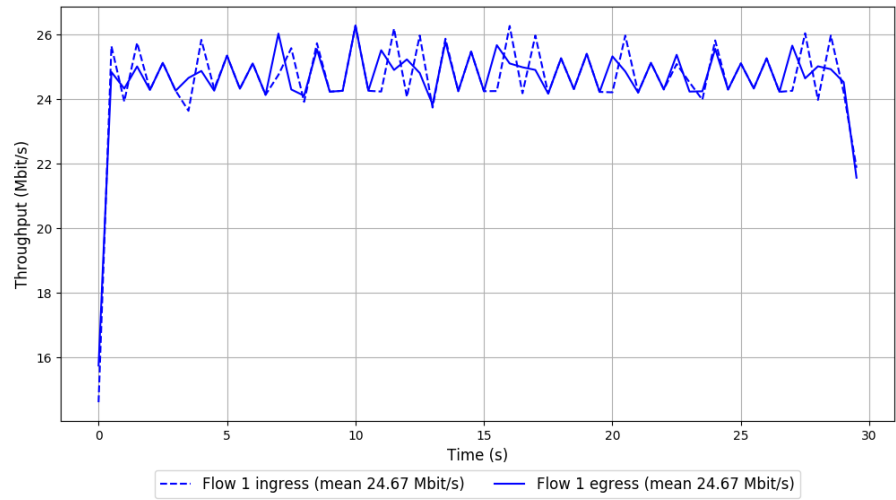
-- Flow 1:

Average throughput: 24.67 Mbit/s

95th percentile per-packet one-way delay: -0.495 ms

Loss rate: 0.00%

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: Sun, 16 Jul 2017 20:19:53 +0000

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

Local clock offset: 2.753 ms

Remote clock offset: -10.098 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:31:42 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.59 Mbit/s

95th percentile per-packet one-way delay: 0.195 ms

Loss rate: 0.00%

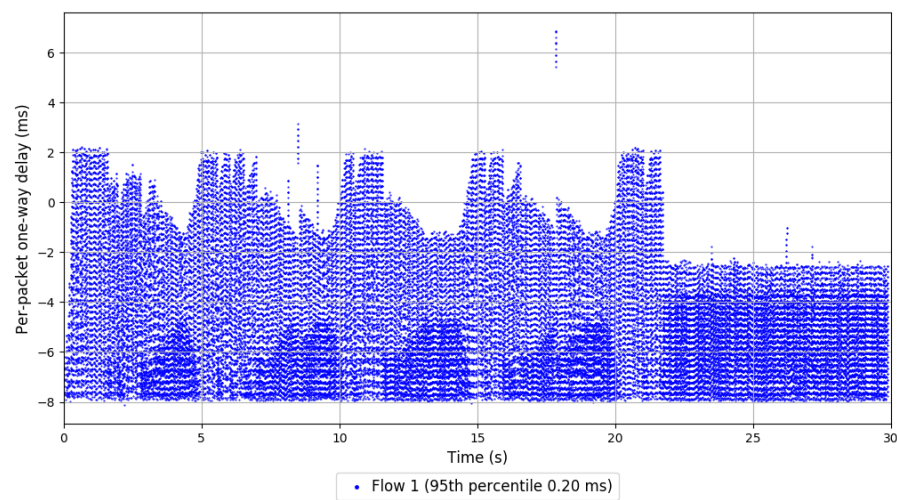
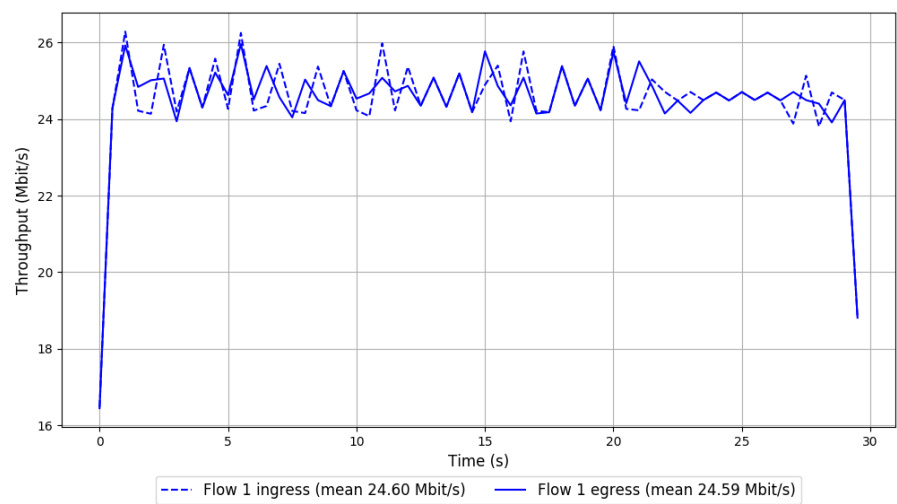
-- Flow 1:

Average throughput: 24.59 Mbit/s

95th percentile per-packet one-way delay: 0.195 ms

Loss rate: 0.00%

Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

Start at: Sun, 16 Jul 2017 20:37:35 +0000

End at: Sun, 16 Jul 2017 20:38:05 +0000

Local clock offset: 0.153 ms

Remote clock offset: -10.095 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:31:42 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.64 Mbit/s

95th percentile per-packet one-way delay: 2.824 ms

Loss rate: 0.00%

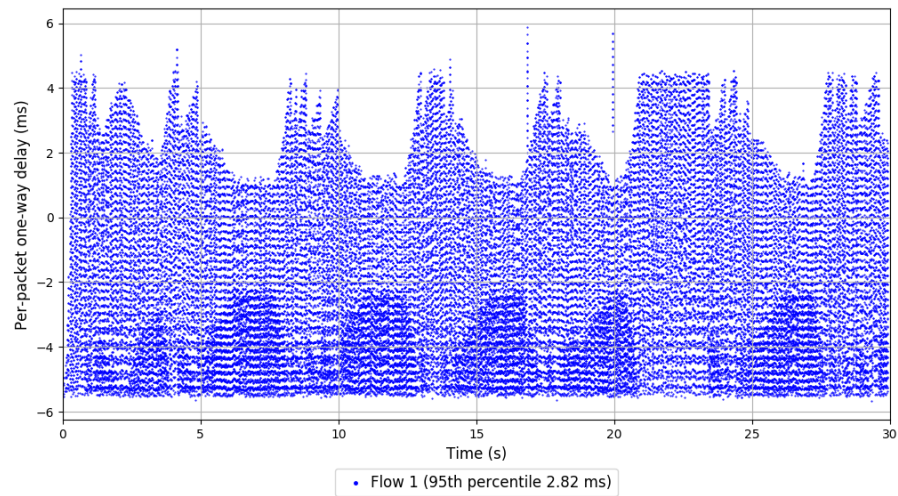
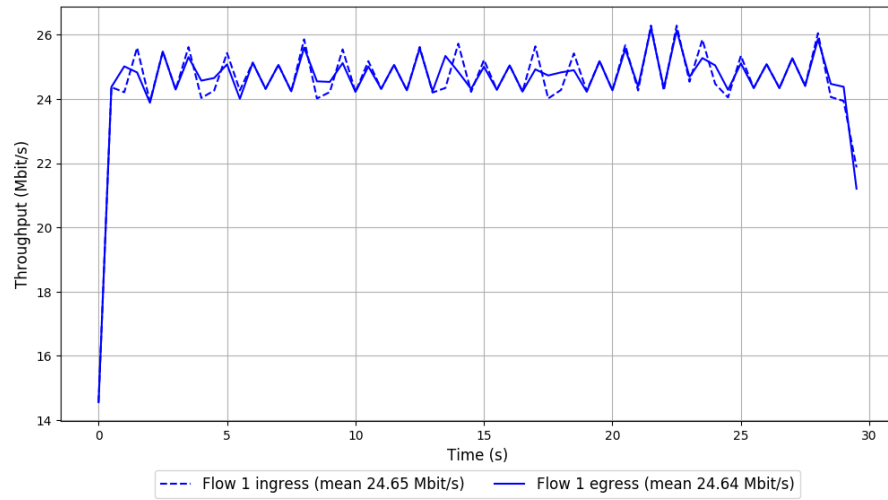
-- Flow 1:

Average throughput: 24.64 Mbit/s

95th percentile per-packet one-way delay: 2.824 ms

Loss rate: 0.00%

Run 6: Report of Sprout — Data Link



Run 7: Statistics of Sprout

Start at: Sun, 16 Jul 2017 20:55:04 +0000

End at: Sun, 16 Jul 2017 20:55:34 +0000

Local clock offset: 0.816 ms

Remote clock offset: -9.931 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:31:45 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.72 Mbit/s

95th percentile per-packet one-way delay: 1.817 ms

Loss rate: 0.00%

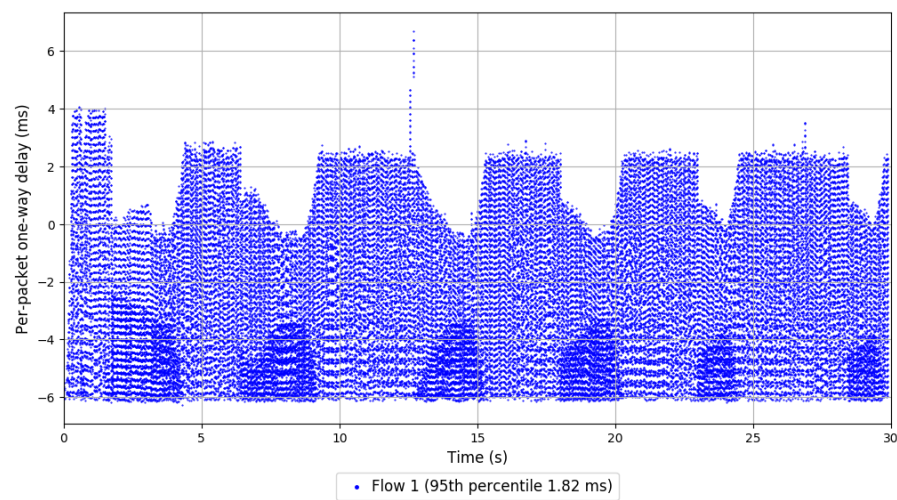
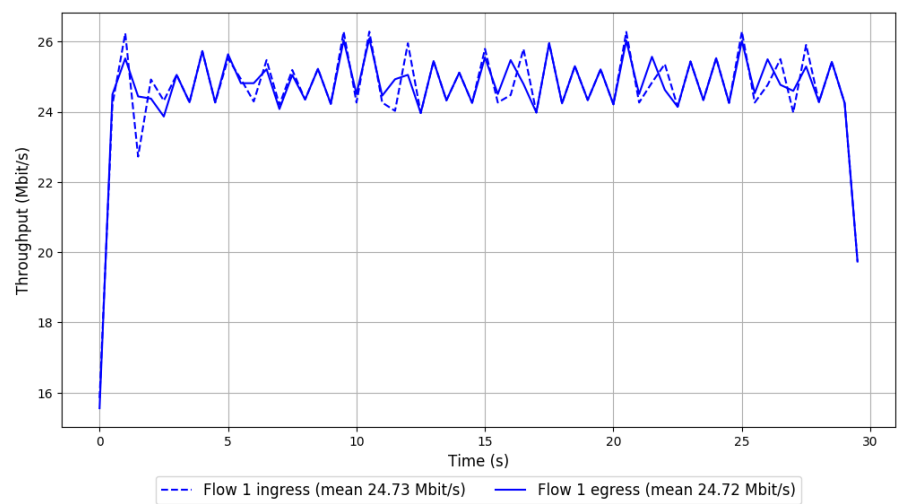
-- Flow 1:

Average throughput: 24.72 Mbit/s

95th percentile per-packet one-way delay: 1.817 ms

Loss rate: 0.00%

Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

Start at: Sun, 16 Jul 2017 21:12:19 +0000

End at: Sun, 16 Jul 2017 21:12:49 +0000

Local clock offset: 0.455 ms

Remote clock offset: -10.026 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.42 Mbit/s

95th percentile per-packet one-way delay: 0.828 ms

Loss rate: 0.01%

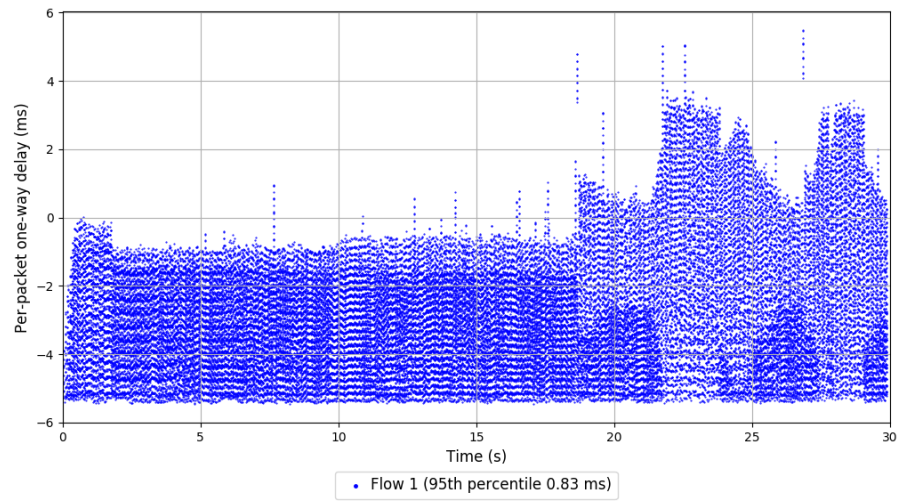
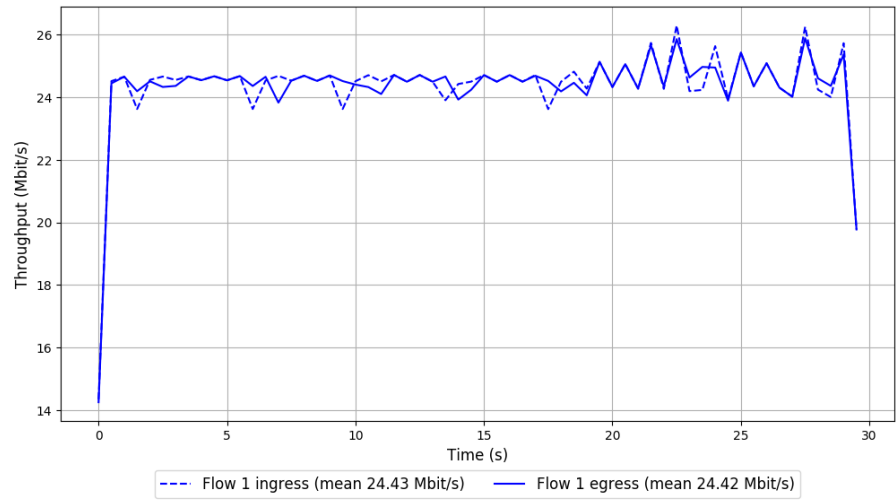
-- Flow 1:

Average throughput: 24.42 Mbit/s

95th percentile per-packet one-way delay: 0.828 ms

Loss rate: 0.01%

Run 8: Report of Sprout — Data Link



Run 9: Statistics of Sprout

Start at: Sun, 16 Jul 2017 21:29:56 +0000

End at: Sun, 16 Jul 2017 21:30:26 +0000

Local clock offset: 2.864 ms

Remote clock offset: -10.273 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:31:49 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.31 Mbit/s

95th percentile per-packet one-way delay: -2.693 ms

Loss rate: 0.00%

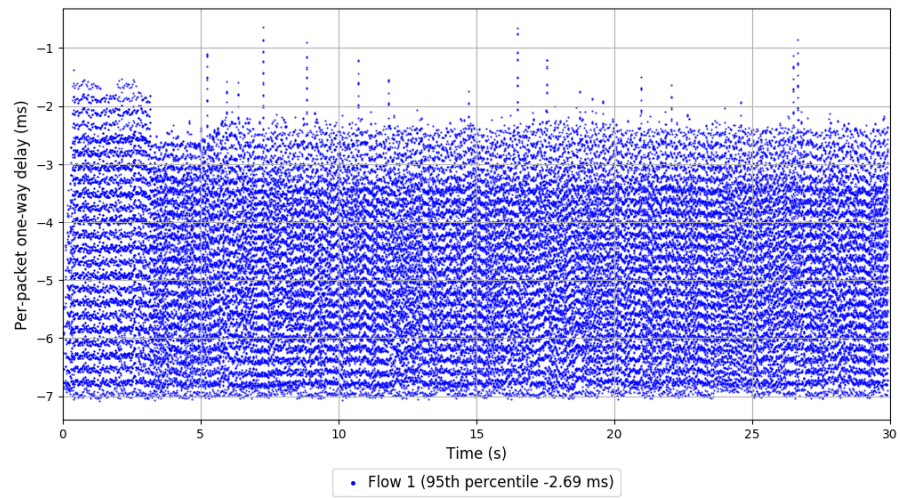
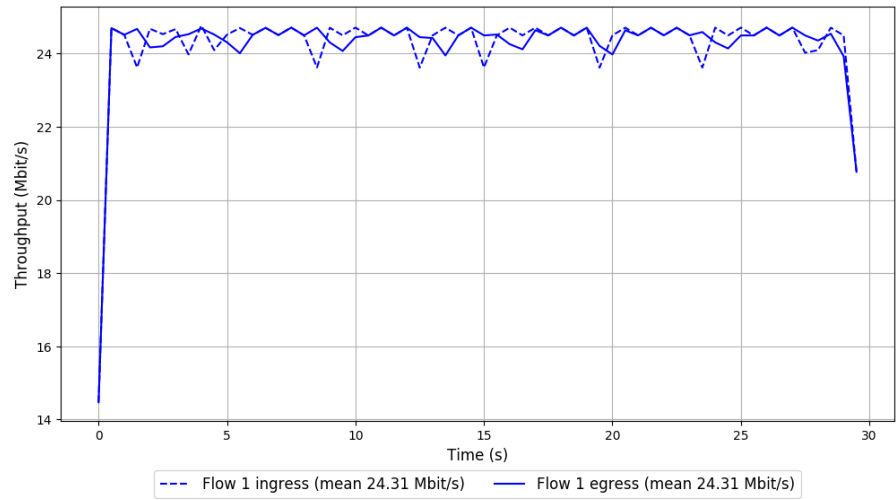
-- Flow 1:

Average throughput: 24.31 Mbit/s

95th percentile per-packet one-way delay: -2.693 ms

Loss rate: 0.00%

Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: Sun, 16 Jul 2017 21:47:52 +0000

End at: Sun, 16 Jul 2017 21:48:22 +0000

Local clock offset: 2.569 ms

Remote clock offset: -12.055 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:31:50 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.82 Mbit/s

95th percentile per-packet one-way delay: 0.331 ms

Loss rate: 0.00%

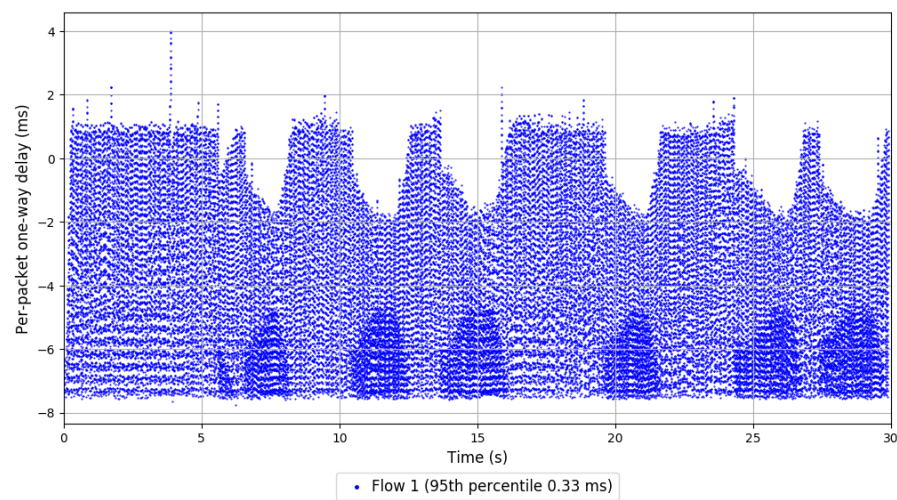
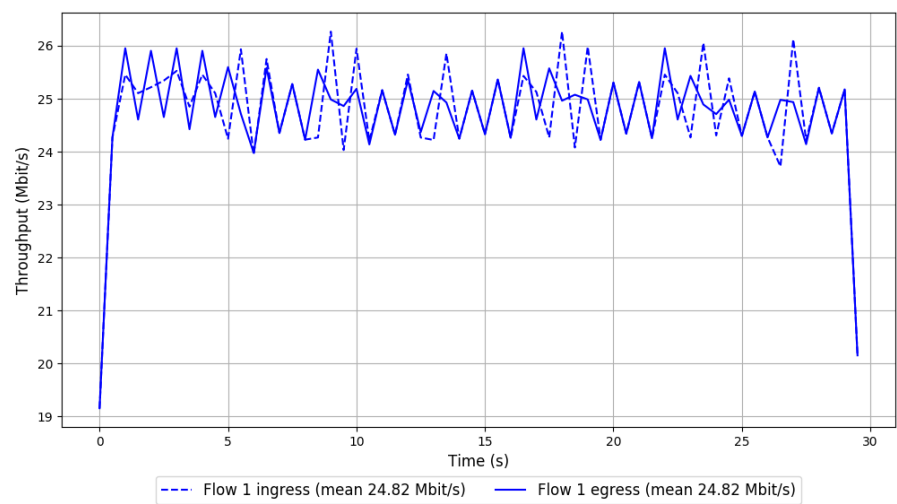
-- Flow 1:

Average throughput: 24.82 Mbit/s

95th percentile per-packet one-way delay: 0.331 ms

Loss rate: 0.00%

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: Sun, 16 Jul 2017 19:13:52 +0000

End at: Sun, 16 Jul 2017 19:14:23 +0000

Local clock offset: -0.417 ms

Remote clock offset: -11.701 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:32:11 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.07 Mbit/s

95th percentile per-packet one-way delay: -2.314 ms

Loss rate: 0.02%

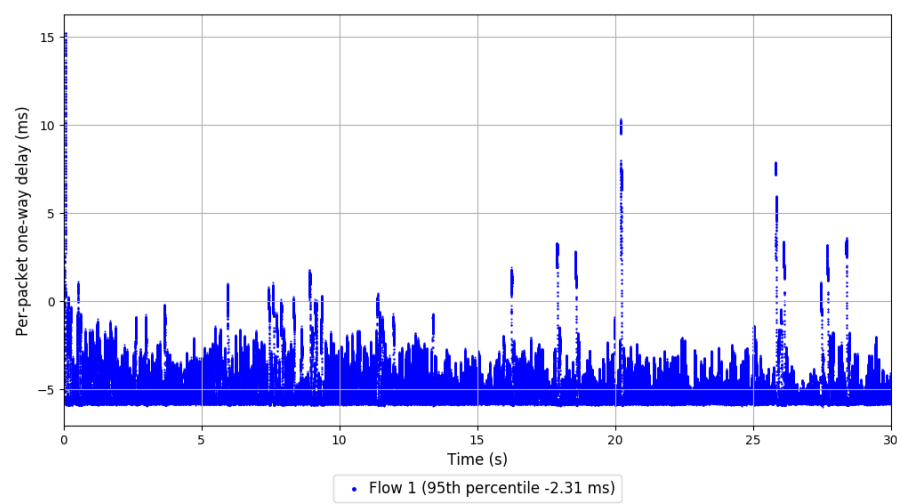
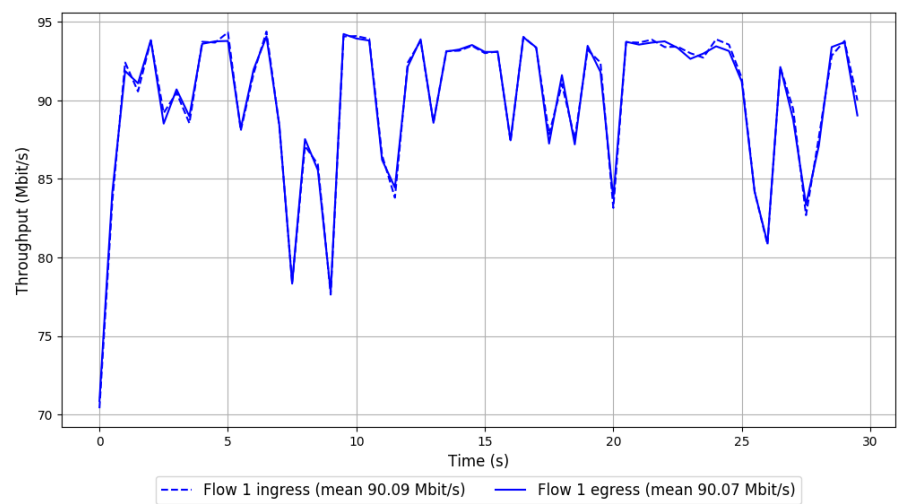
-- Flow 1:

Average throughput: 90.07 Mbit/s

95th percentile per-packet one-way delay: -2.314 ms

Loss rate: 0.02%

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



Run 2: Statistics of TaoVA-100x

Start at: Sun, 16 Jul 2017 19:32:00 +0000

End at: Sun, 16 Jul 2017 19:32:30 +0000

Local clock offset: 2.422 ms

Remote clock offset: -11.94 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.11 Mbit/s

95th percentile per-packet one-way delay: -5.678 ms

Loss rate: 0.00%

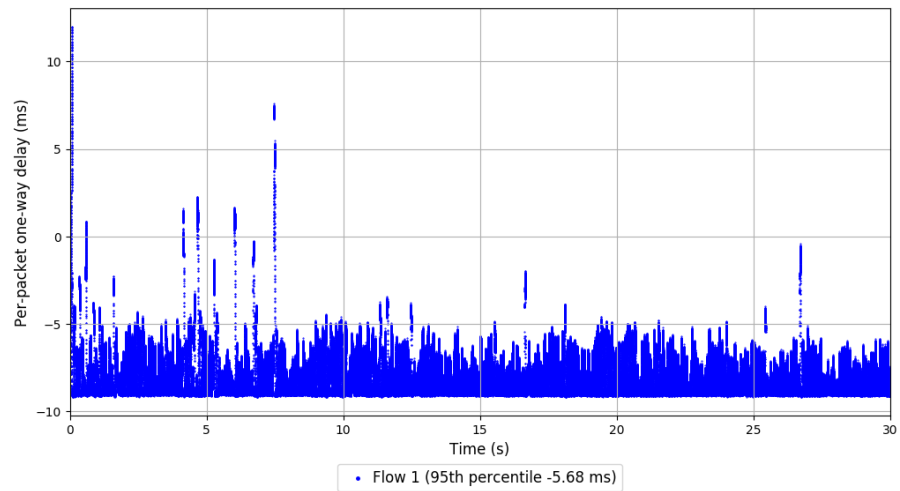
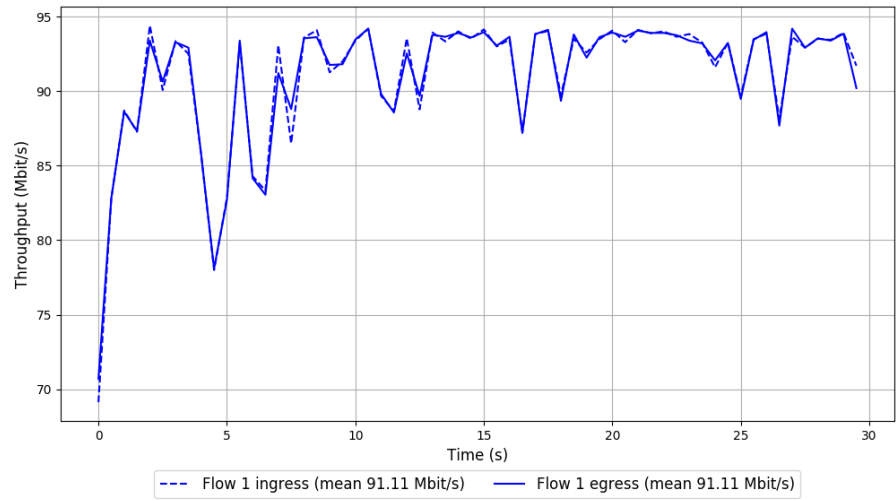
-- Flow 1:

Average throughput: 91.11 Mbit/s

95th percentile per-packet one-way delay: -5.678 ms

Loss rate: 0.00%

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



Run 3: Statistics of TaoVA-100x

Start at: Sun, 16 Jul 2017 19:49:46 +0000

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

Local clock offset: 1.853 ms

Remote clock offset: -10.682 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.92 Mbit/s

95th percentile per-packet one-way delay: -3.103 ms

Loss rate: 0.00%

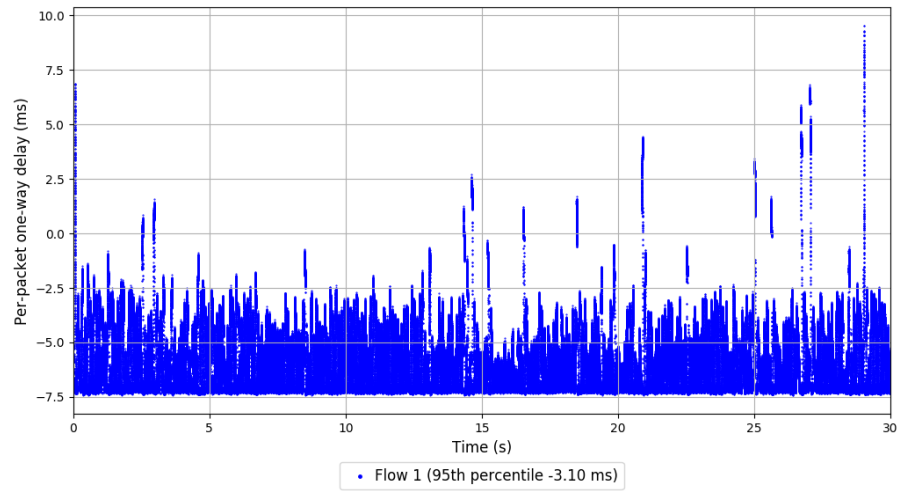
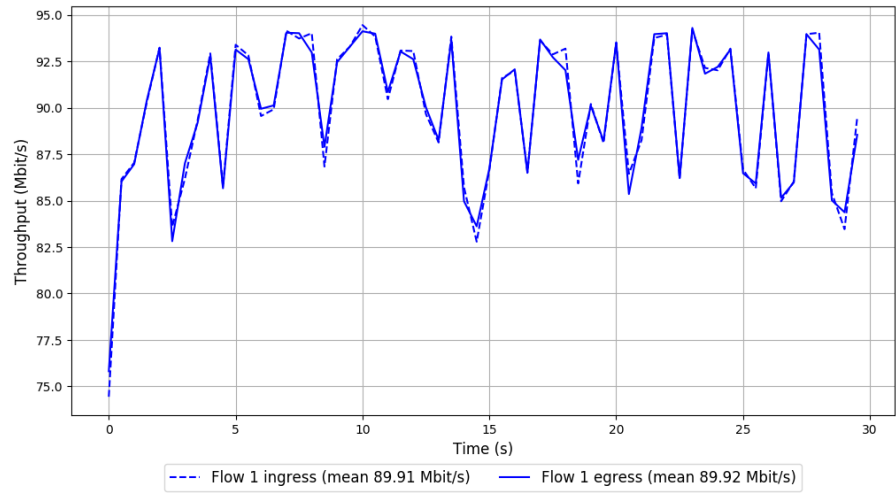
-- Flow 1:

Average throughput: 89.92 Mbit/s

95th percentile per-packet one-way delay: -3.103 ms

Loss rate: 0.00%

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



Run 4: Statistics of TaoVA-100x

Start at: Sun, 16 Jul 2017 20:06:59 +0000

End at: Sun, 16 Jul 2017 20:07:29 +0000

Local clock offset: 3.101 ms

Remote clock offset: -8.843 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:32:34 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.86 Mbit/s

95th percentile per-packet one-way delay: -2.482 ms

Loss rate: 0.00%

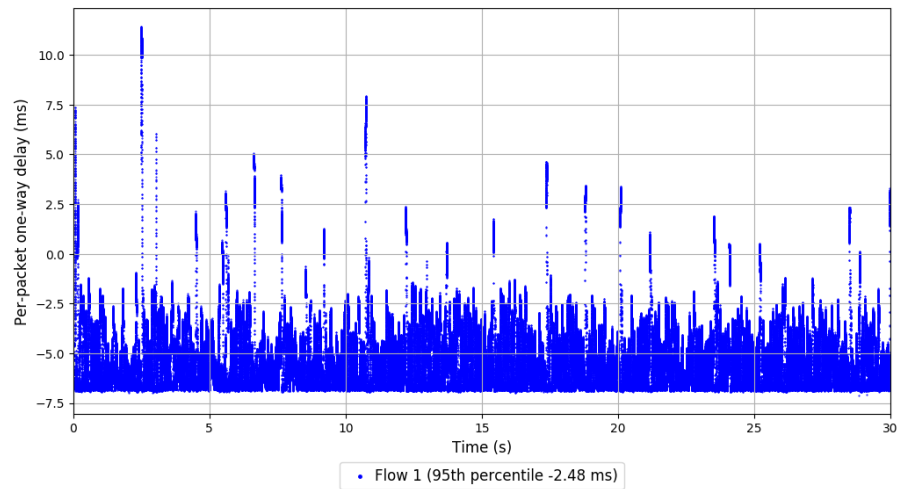
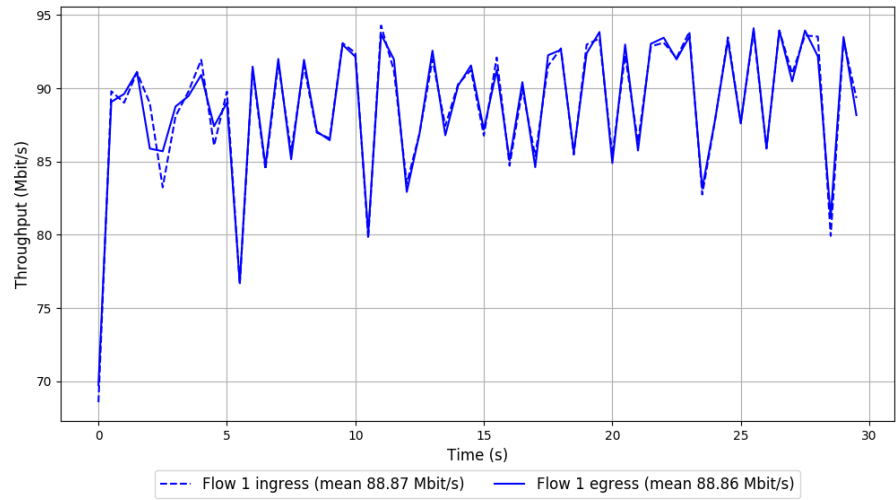
-- Flow 1:

Average throughput: 88.86 Mbit/s

95th percentile per-packet one-way delay: -2.482 ms

Loss rate: 0.00%

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



Run 5: Statistics of TaoVA-100x

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

End at: Sun, 16 Jul 2017 20:24:50 +0000

Local clock offset: 3.003 ms

Remote clock offset: -11.527 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:32:56 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.41 Mbit/s

95th percentile per-packet one-way delay: -5.580 ms

Loss rate: 0.00%

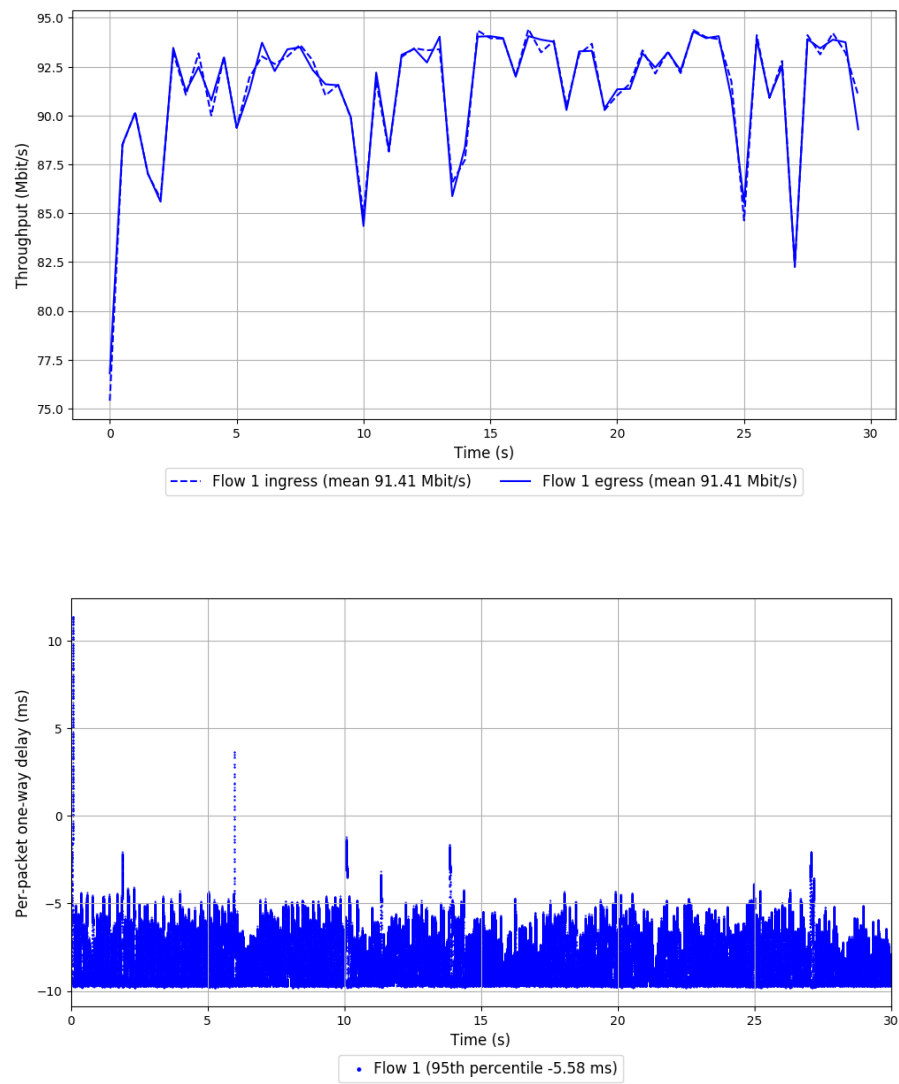
-- Flow 1:

Average throughput: 91.41 Mbit/s

95th percentile per-packet one-way delay: -5.580 ms

Loss rate: 0.00%

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



Run 6: Statistics of TaoVA-100x

Start at: Sun, 16 Jul 2017 20:42:03 +0000

End at: Sun, 16 Jul 2017 20:42:33 +0000

Local clock offset: 2.545 ms

Remote clock offset: -10.448 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:32:56 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.84 Mbit/s

95th percentile per-packet one-way delay: -4.184 ms

Loss rate: 0.00%

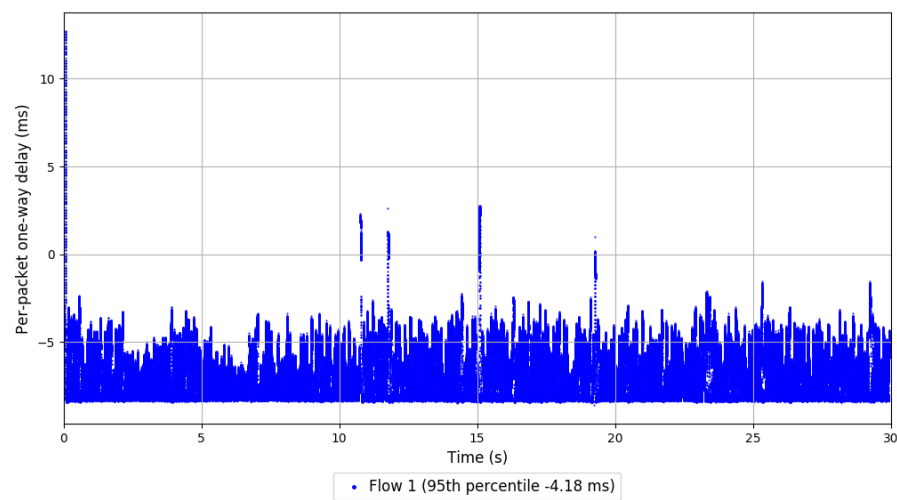
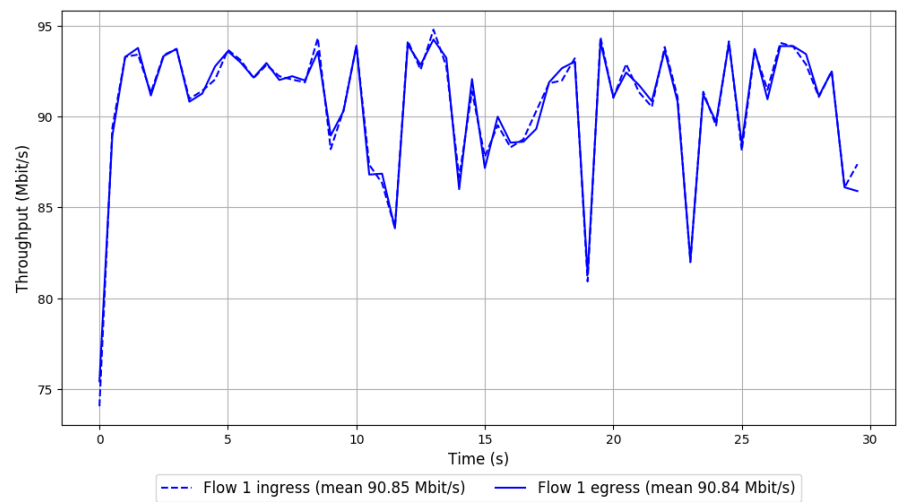
-- Flow 1:

Average throughput: 90.84 Mbit/s

95th percentile per-packet one-way delay: -4.184 ms

Loss rate: 0.00%

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



Run 7: Statistics of TaoVA-100x

Start at: Sun, 16 Jul 2017 20:59:29 +0000

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

Local clock offset: 2.724 ms

Remote clock offset: -9.448 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.39 Mbit/s

95th percentile per-packet one-way delay: -2.911 ms

Loss rate: 0.00%

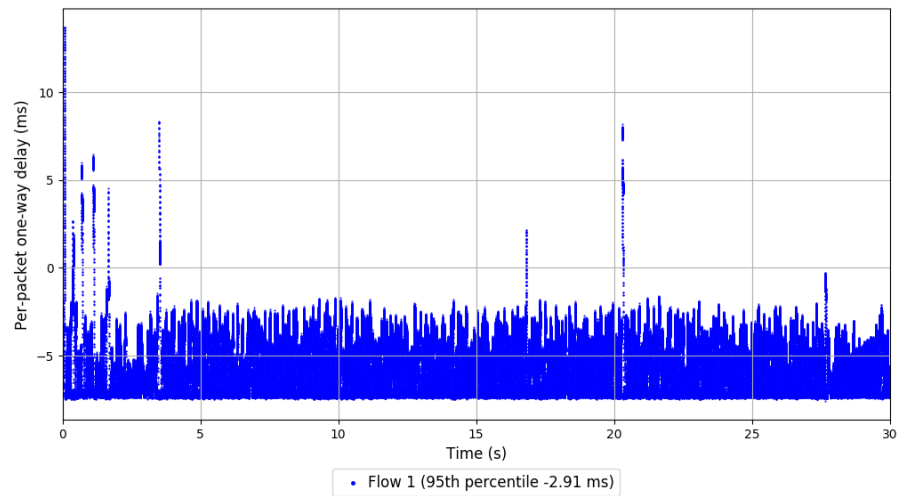
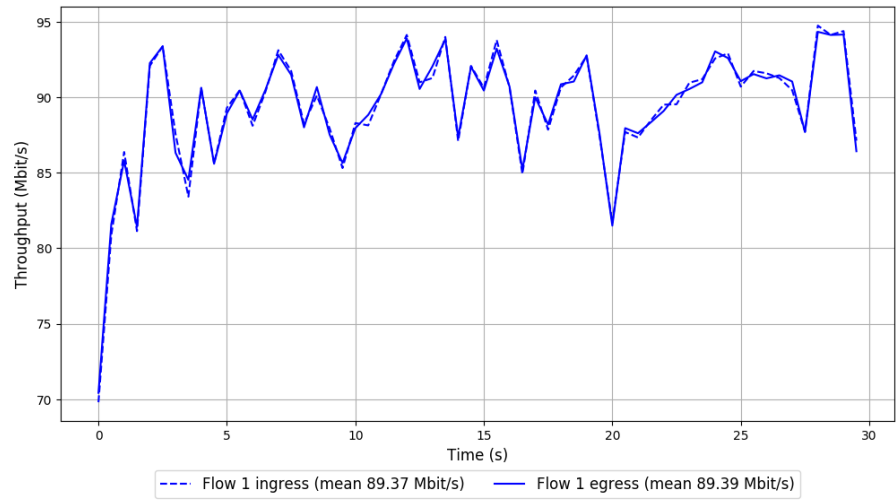
-- Flow 1:

Average throughput: 89.39 Mbit/s

95th percentile per-packet one-way delay: -2.911 ms

Loss rate: 0.00%

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



Run 8: Statistics of TaoVA-100x

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

End at: Sun, 16 Jul 2017 21:17:18 +0000

Local clock offset: 3.265 ms

Remote clock offset: -11.004 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.56 Mbit/s

95th percentile per-packet one-way delay: -4.935 ms

Loss rate: 0.00%

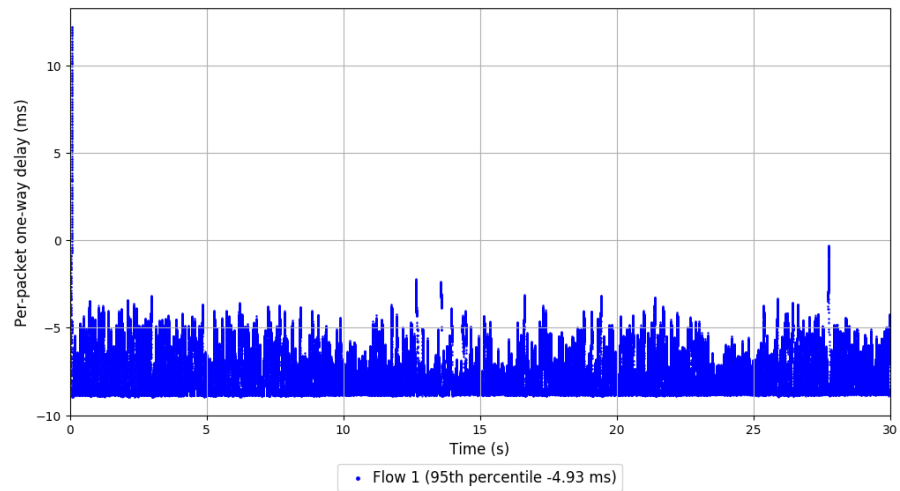
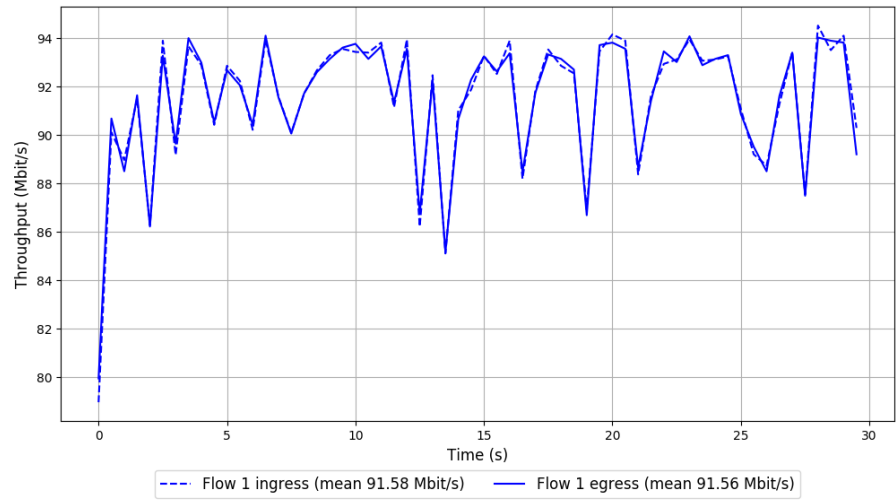
-- Flow 1:

Average throughput: 91.56 Mbit/s

95th percentile per-packet one-way delay: -4.935 ms

Loss rate: 0.00%

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



Run 9: Statistics of TaoVA-100x

Start at: Sun, 16 Jul 2017 21:34:25 +0000

End at: Sun, 16 Jul 2017 21:34:55 +0000

Local clock offset: 4.587 ms

Remote clock offset: -12.381 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:33:41 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.92 Mbit/s

95th percentile per-packet one-way delay: -7.449 ms

Loss rate: 0.00%

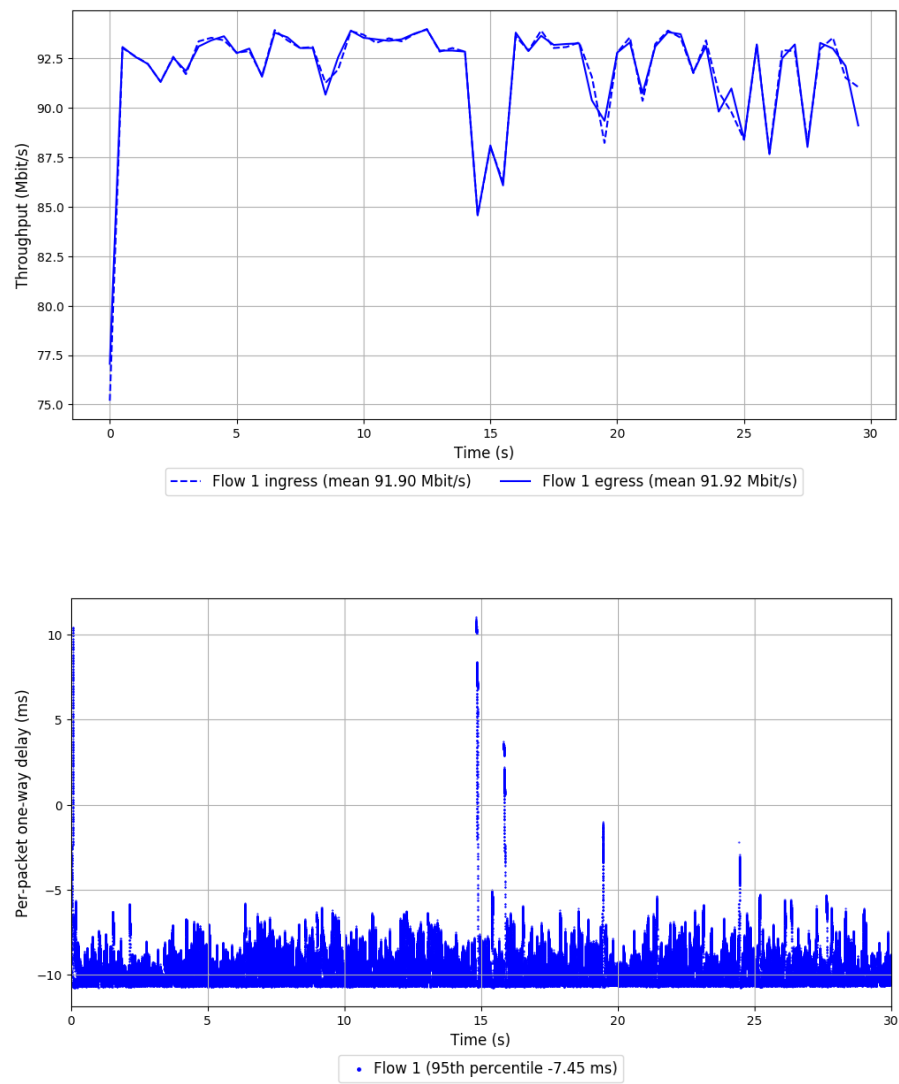
-- Flow 1:

Average throughput: 91.92 Mbit/s

95th percentile per-packet one-way delay: -7.449 ms

Loss rate: 0.00%

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



Run 10: Statistics of TaoVA-100x

Start at: Sun, 16 Jul 2017 21:52:21 +0000

End at: Sun, 16 Jul 2017 21:52:51 +0000

Local clock offset: 1.799 ms

Remote clock offset: -13.99 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:33:41 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.50 Mbit/s

95th percentile per-packet one-way delay: -4.002 ms

Loss rate: 0.01%

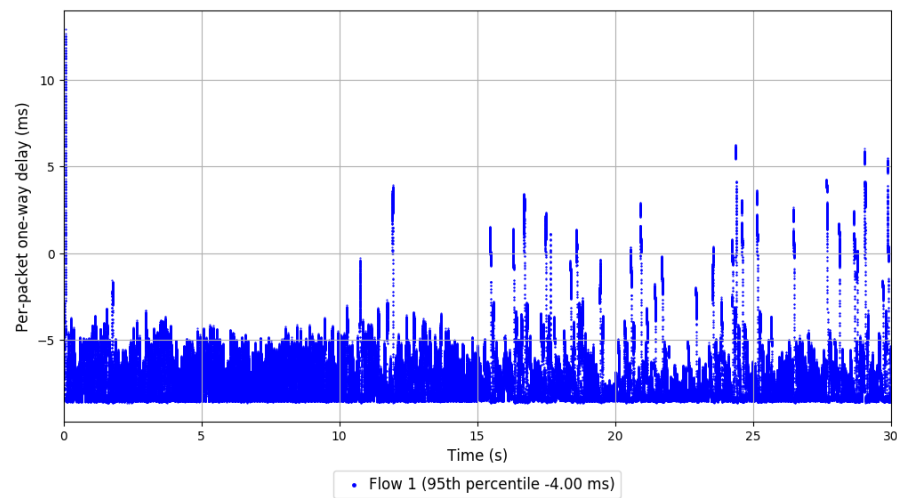
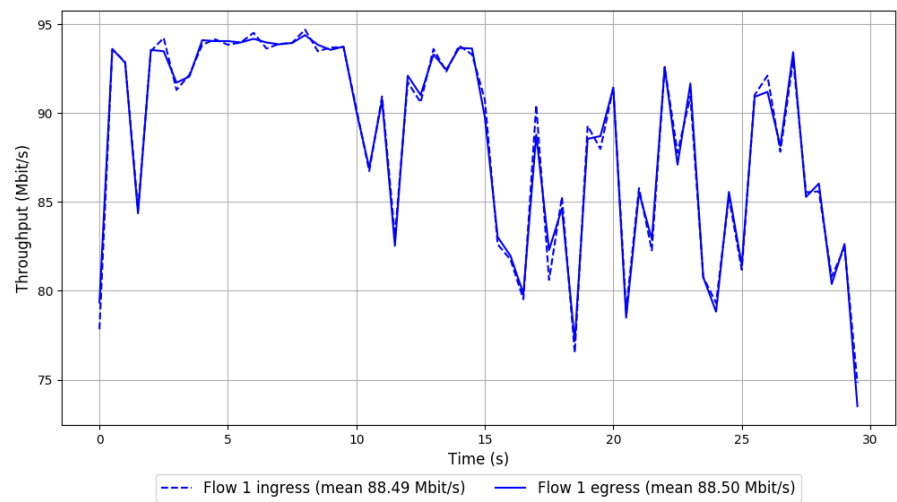
-- Flow 1:

Average throughput: 88.50 Mbit/s

95th percentile per-packet one-way delay: -4.002 ms

Loss rate: 0.01%

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



Run 1: Statistics of TCP Vegas

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

End at: Sun, 16 Jul 2017 19:10:58 +0000

Local clock offset: -0.603 ms

Remote clock offset: -10.719 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:33:53 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.75 Mbit/s

95th percentile per-packet one-way delay: 6.393 ms

Loss rate: 0.18%

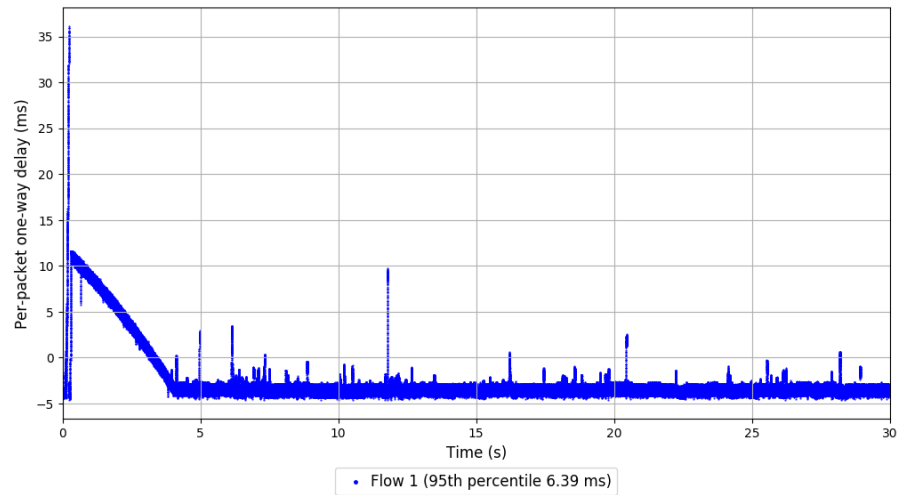
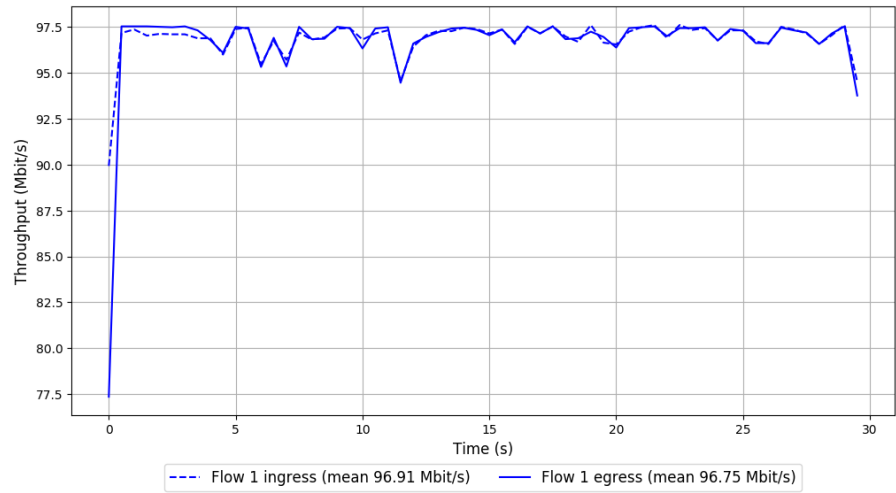
-- Flow 1:

Average throughput: 96.75 Mbit/s

95th percentile per-packet one-way delay: 6.393 ms

Loss rate: 0.18%

Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: Sun, 16 Jul 2017 19:28:39 +0000

End at: Sun, 16 Jul 2017 19:29:09 +0000

Local clock offset: 0.267 ms

Remote clock offset: -12.496 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:33:54 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.70 Mbit/s

95th percentile per-packet one-way delay: 3.547 ms

Loss rate: 0.18%

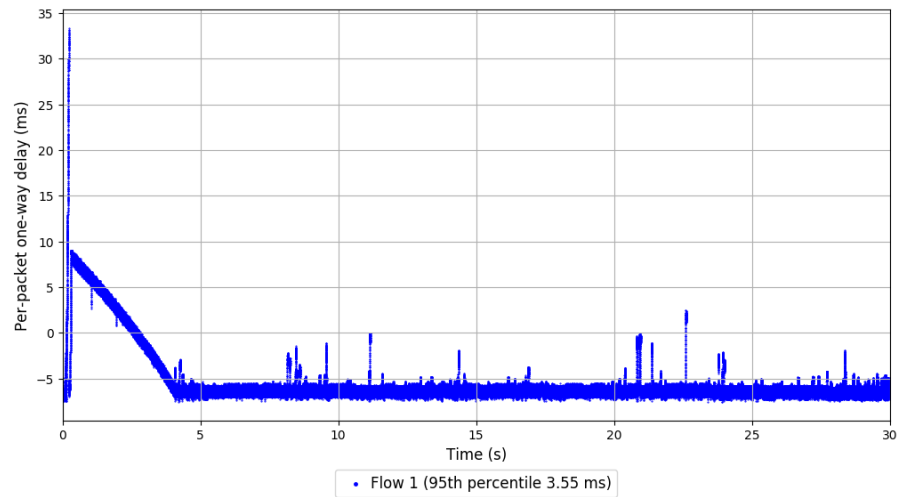
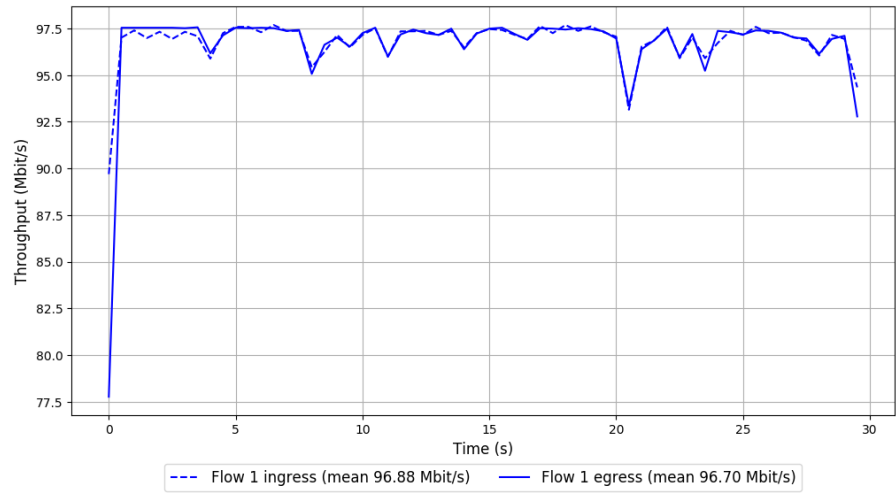
-- Flow 1:

Average throughput: 96.70 Mbit/s

95th percentile per-packet one-way delay: 3.547 ms

Loss rate: 0.18%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: Sun, 16 Jul 2017 19:46:25 +0000

End at: Sun, 16 Jul 2017 19:46:55 +0000

Local clock offset: 1.643 ms

Remote clock offset: -10.43 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.33 Mbit/s

95th percentile per-packet one-way delay: 0.816 ms

Loss rate: 0.00%

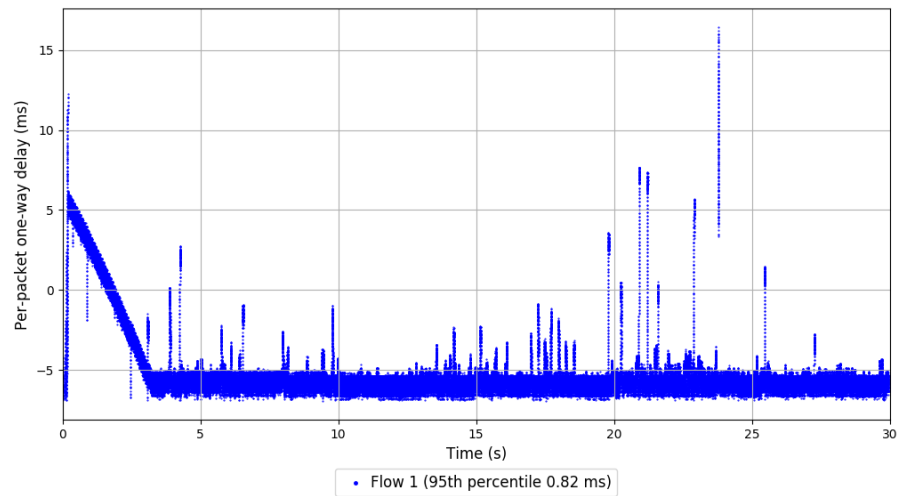
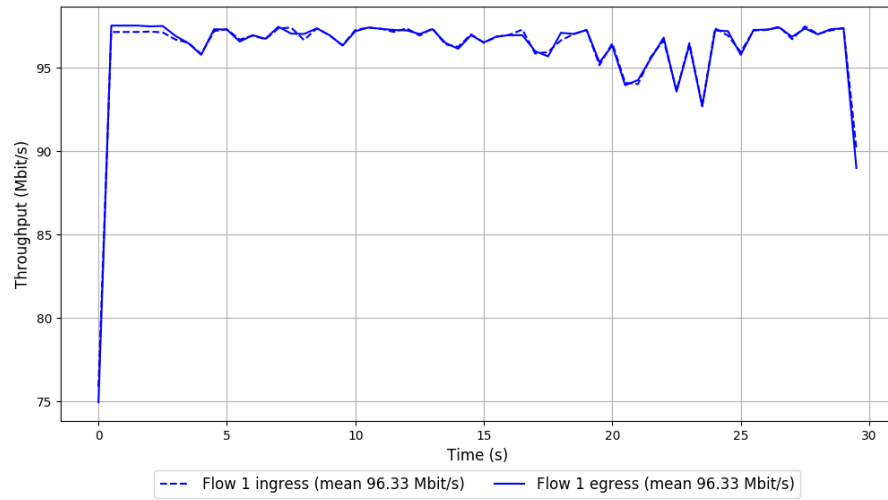
-- Flow 1:

Average throughput: 96.33 Mbit/s

95th percentile per-packet one-way delay: 0.816 ms

Loss rate: 0.00%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: Sun, 16 Jul 2017 20:03:39 +0000

End at: Sun, 16 Jul 2017 20:04:09 +0000

Local clock offset: 2.996 ms

Remote clock offset: -11.031 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.93 Mbit/s

95th percentile per-packet one-way delay: -4.762 ms

Loss rate: 0.43%

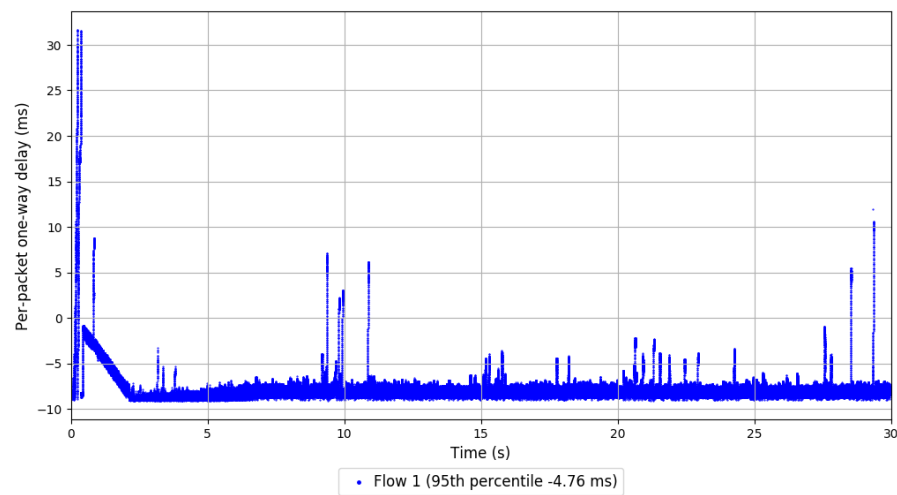
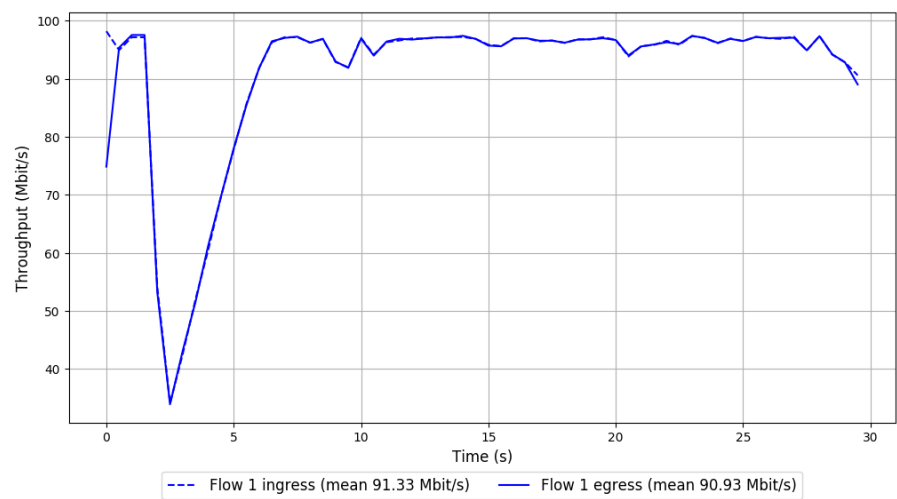
-- Flow 1:

Average throughput: 90.93 Mbit/s

95th percentile per-packet one-way delay: -4.762 ms

Loss rate: 0.43%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

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

End at: Sun, 16 Jul 2017 20:21:29 +0000

Local clock offset: 0.304 ms

Remote clock offset: -10.22 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:34:19 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.48 Mbit/s

95th percentile per-packet one-way delay: 2.016 ms

Loss rate: 0.16%

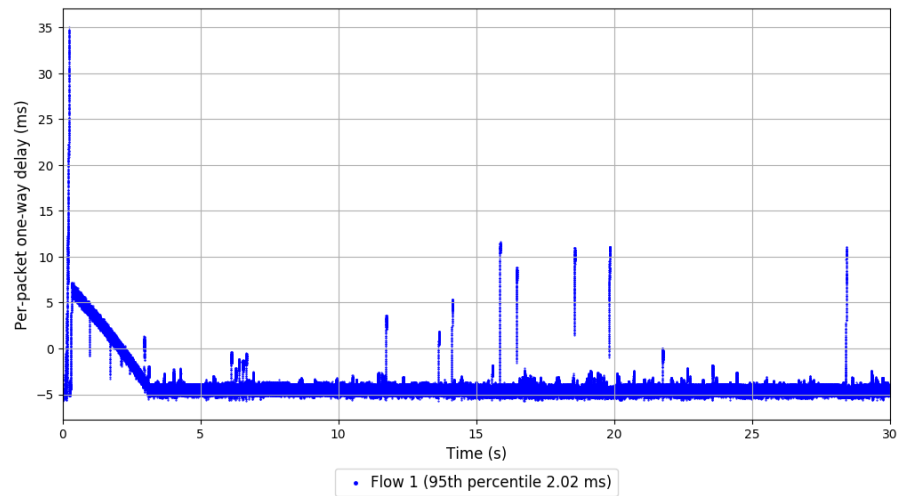
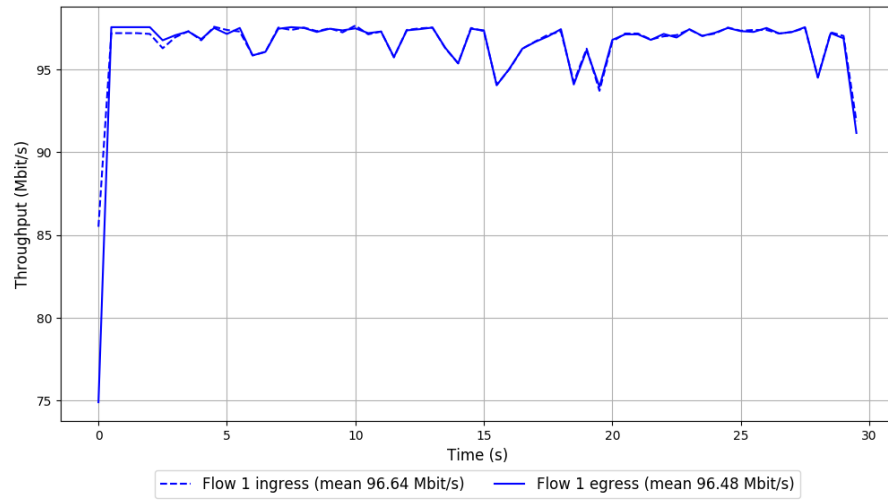
-- Flow 1:

Average throughput: 96.48 Mbit/s

95th percentile per-packet one-way delay: 2.016 ms

Loss rate: 0.16%

Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: Sun, 16 Jul 2017 20:38:41 +0000

End at: Sun, 16 Jul 2017 20:39:11 +0000

Local clock offset: 2.166 ms

Remote clock offset: -10.276 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.32 Mbit/s

95th percentile per-packet one-way delay: 0.112 ms

Loss rate: 0.00%

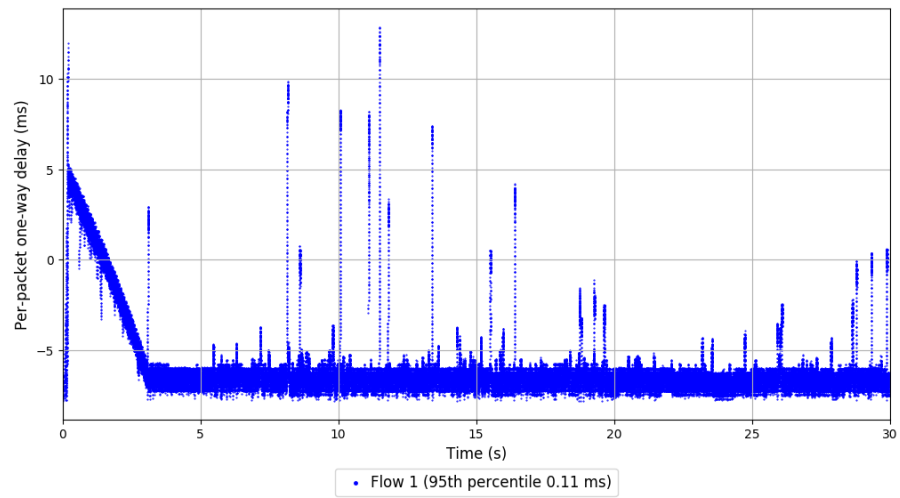
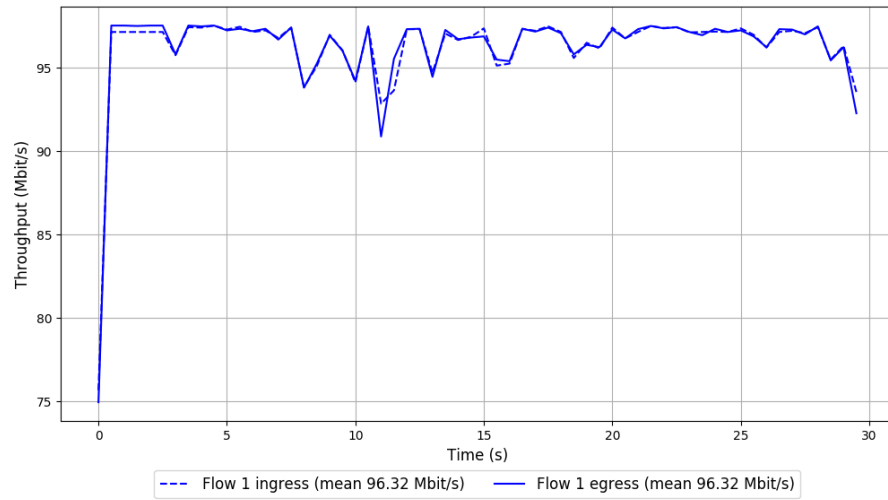
-- Flow 1:

Average throughput: 96.32 Mbit/s

95th percentile per-packet one-way delay: 0.112 ms

Loss rate: 0.00%

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: Sun, 16 Jul 2017 20:56:09 +0000

End at: Sun, 16 Jul 2017 20:56:39 +0000

Local clock offset: 2.188 ms

Remote clock offset: -9.67 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.04 Mbit/s

95th percentile per-packet one-way delay: 2.115 ms

Loss rate: 0.00%

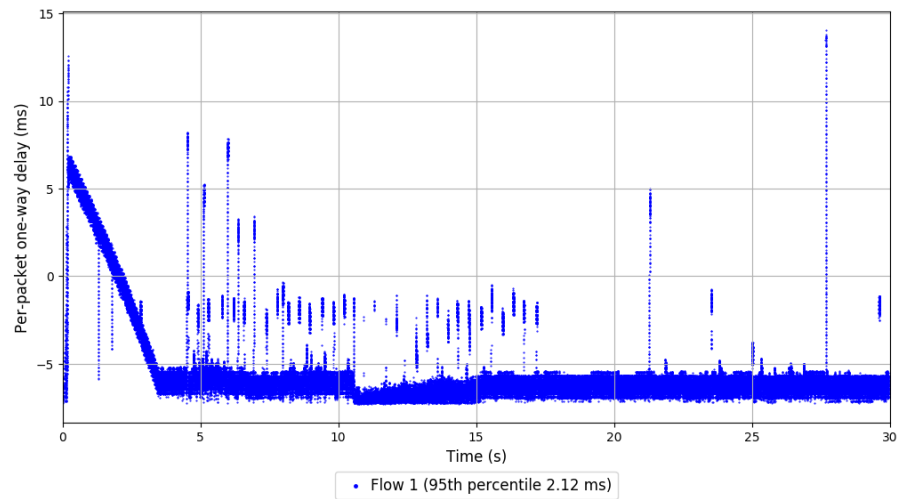
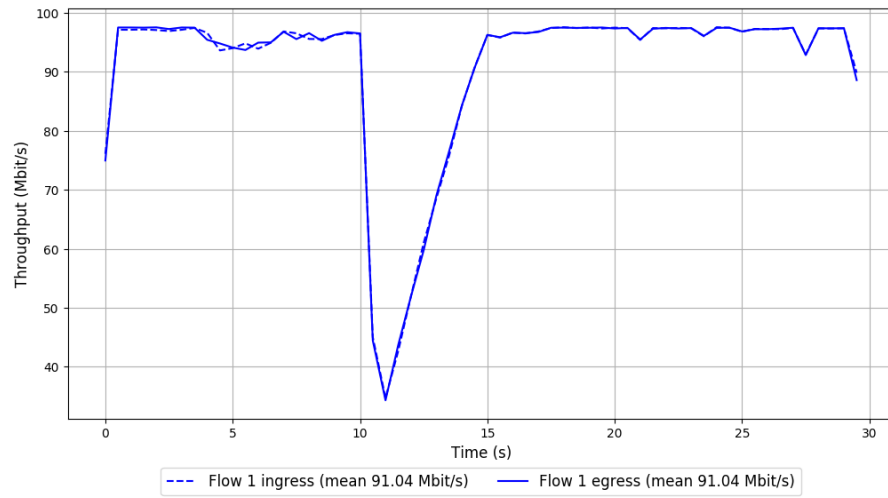
-- Flow 1:

Average throughput: 91.04 Mbit/s

95th percentile per-packet one-way delay: 2.115 ms

Loss rate: 0.00%

Run 7: Report of TCP Vegas — Data Link



Run 8: Statistics of TCP Vegas

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

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

Local clock offset: 2.557 ms

Remote clock offset: -10.968 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:34:32 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.80 Mbit/s

95th percentile per-packet one-way delay: -3.676 ms

Loss rate: 0.41%

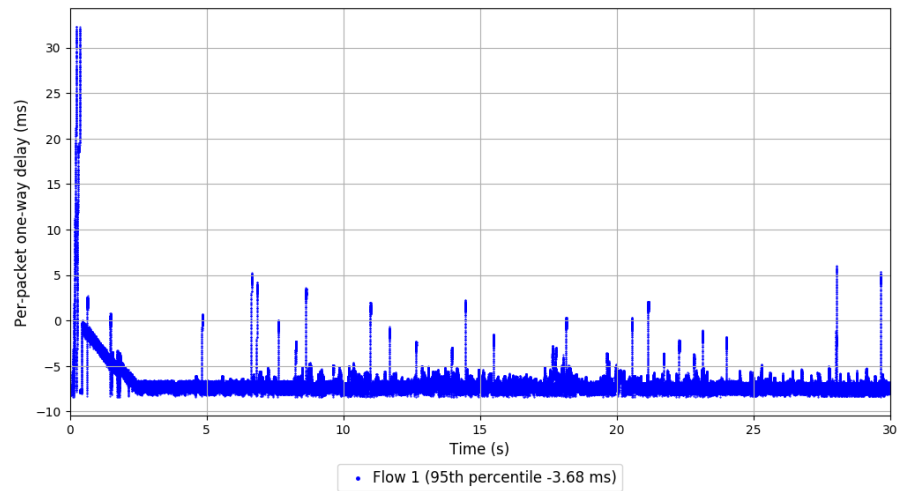
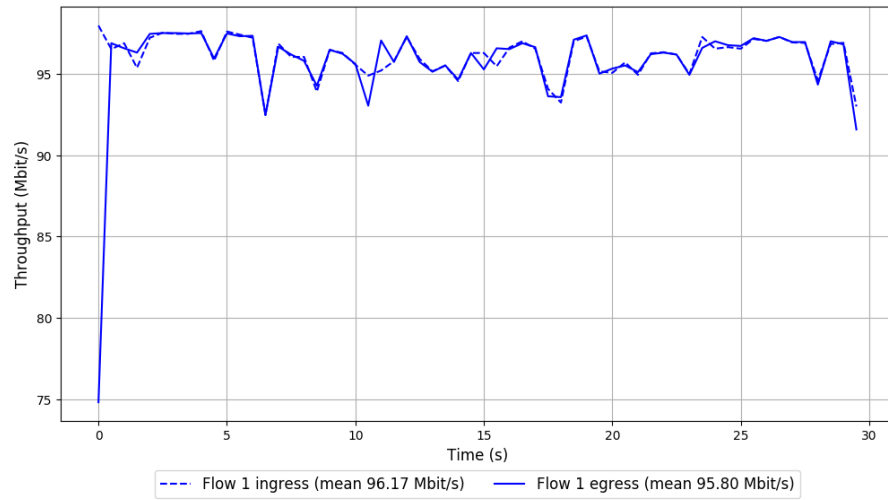
-- Flow 1:

Average throughput: 95.80 Mbit/s

95th percentile per-packet one-way delay: -3.676 ms

Loss rate: 0.41%

Run 8: Report of TCP Vegas — Data Link



Run 9: Statistics of TCP Vegas

Start at: Sun, 16 Jul 2017 21:31:01 +0000

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

Local clock offset: 2.822 ms

Remote clock offset: -12.144 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.81 Mbit/s

95th percentile per-packet one-way delay: -1.738 ms

Loss rate: 0.00%

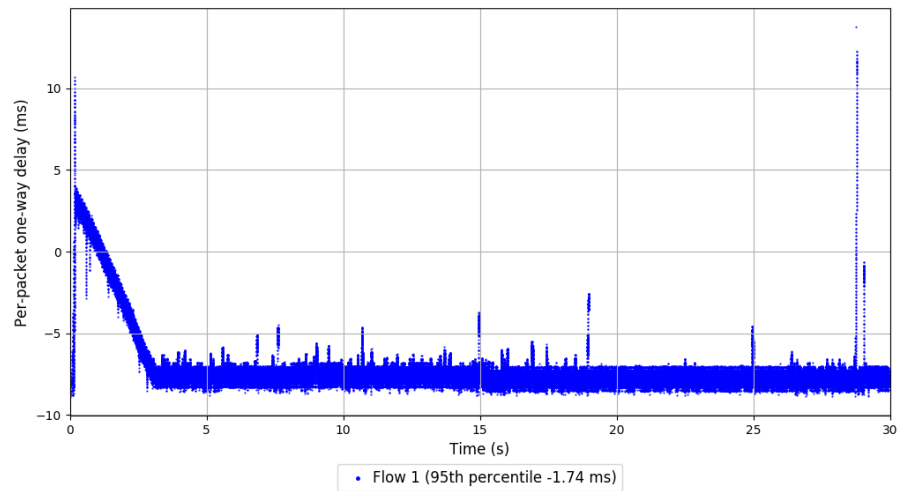
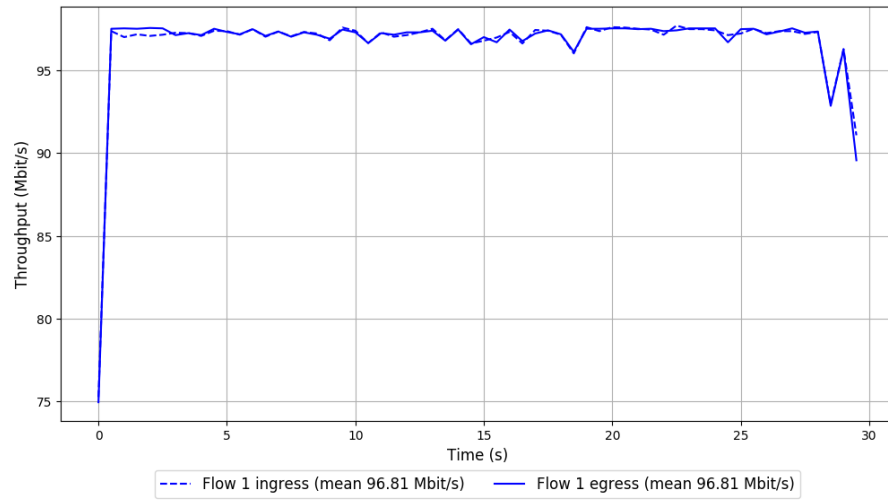
-- Flow 1:

Average throughput: 96.81 Mbit/s

95th percentile per-packet one-way delay: -1.738 ms

Loss rate: 0.00%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: Sun, 16 Jul 2017 21:48:58 +0000

End at: Sun, 16 Jul 2017 21:49:29 +0000

Local clock offset: 0.849 ms

Remote clock offset: -12.92 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.43 Mbit/s

95th percentile per-packet one-way delay: 1.243 ms

Loss rate: 0.00%

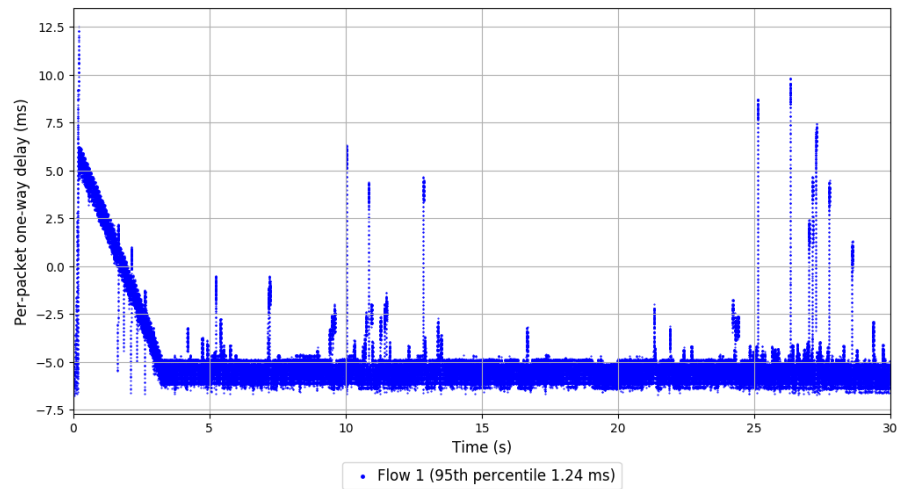
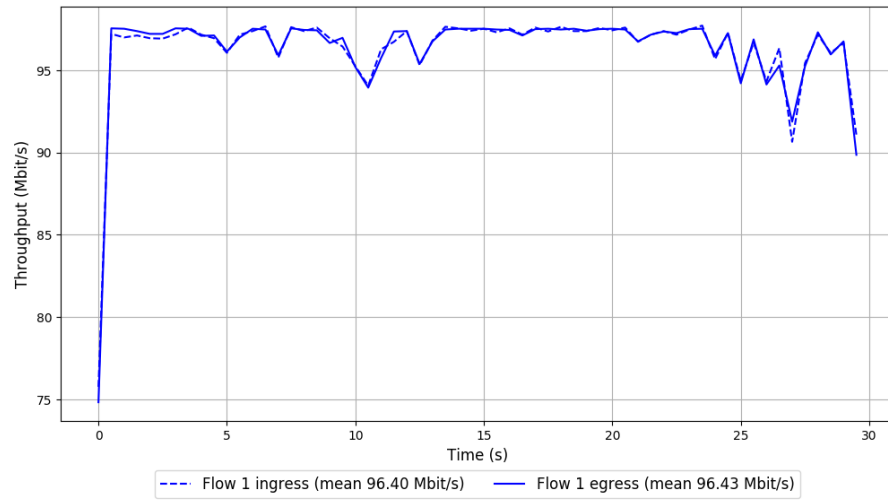
-- Flow 1:

Average throughput: 96.43 Mbit/s

95th percentile per-packet one-way delay: 1.243 ms

Loss rate: 0.00%

Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

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

End at: Sun, 16 Jul 2017 19:17:00 +0000

Local clock offset: 3.59 ms

Remote clock offset: -11.769 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:34:56 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.66 Mbit/s

95th percentile per-packet one-way delay: 24.782 ms

Loss rate: 18.68%

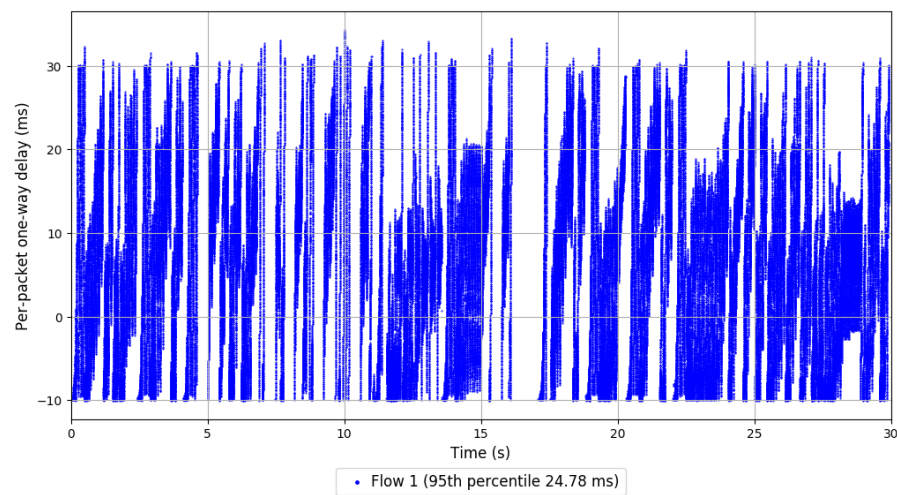
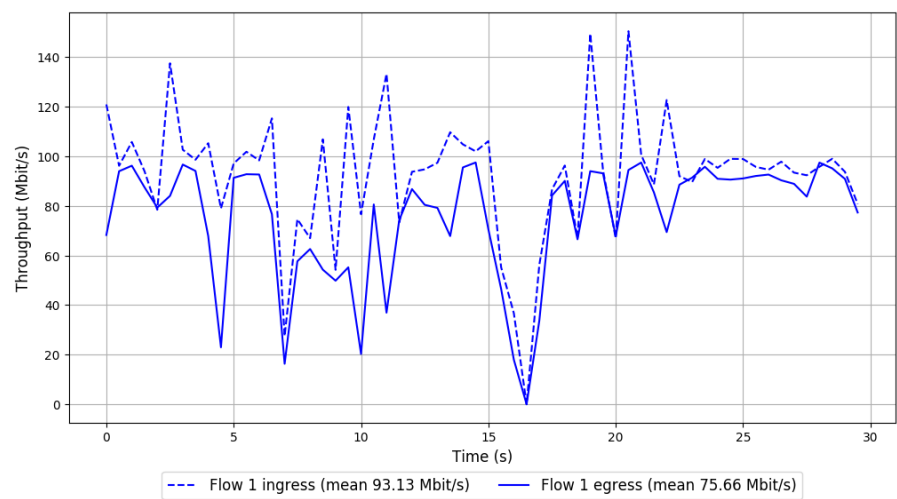
-- Flow 1:

Average throughput: 75.66 Mbit/s

95th percentile per-packet one-way delay: 24.782 ms

Loss rate: 18.68%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: Sun, 16 Jul 2017 19:34:24 +0000

End at: Sun, 16 Jul 2017 19:34:54 +0000

Local clock offset: 1.295 ms

Remote clock offset: -12.867 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.64 Mbit/s

95th percentile per-packet one-way delay: 24.053 ms

Loss rate: 6.46%

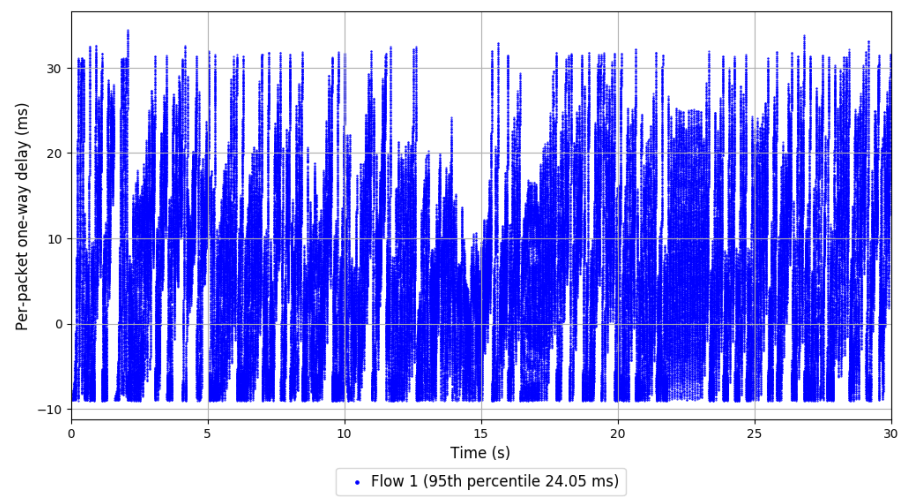
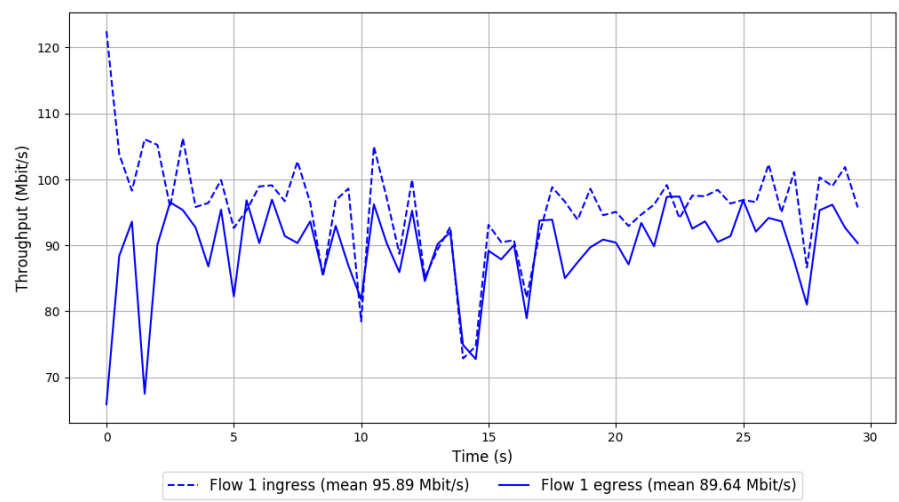
-- Flow 1:

Average throughput: 89.64 Mbit/s

95th percentile per-packet one-way delay: 24.053 ms

Loss rate: 6.46%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: Sun, 16 Jul 2017 19:52:15 +0000

End at: Sun, 16 Jul 2017 19:52:45 +0000

Local clock offset: 2.366 ms

Remote clock offset: -9.933 ms

Run 3: Report of Verus — Data Link

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Run 4: Statistics of Verus

Start at: Sun, 16 Jul 2017 20:09:19 +0000

End at: Sun, 16 Jul 2017 20:09:49 +0000

Local clock offset: 0.115 ms

Remote clock offset: -9.923 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:35:08 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.40 Mbit/s

95th percentile per-packet one-way delay: 28.571 ms

Loss rate: 7.66%

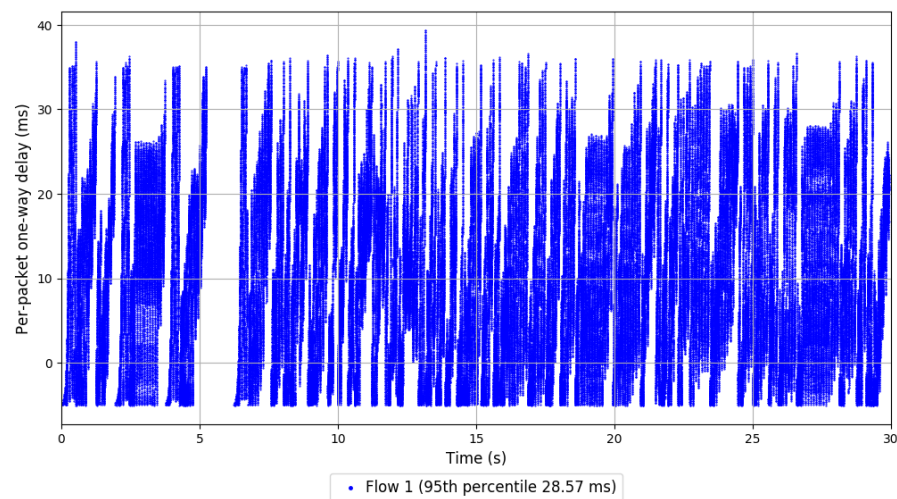
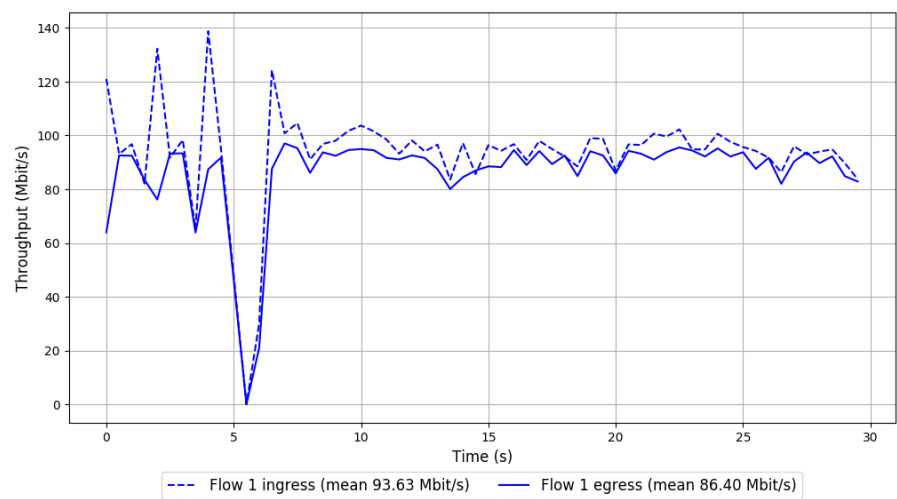
-- Flow 1:

Average throughput: 86.40 Mbit/s

95th percentile per-packet one-way delay: 28.571 ms

Loss rate: 7.66%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

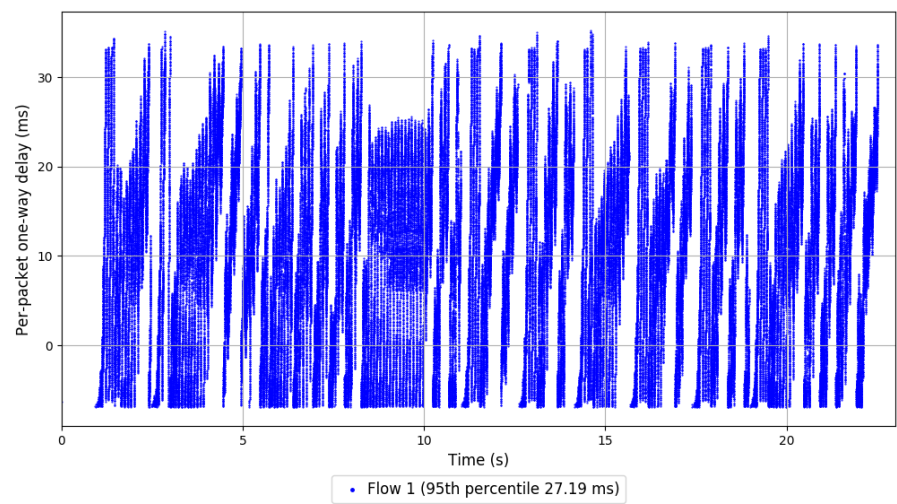
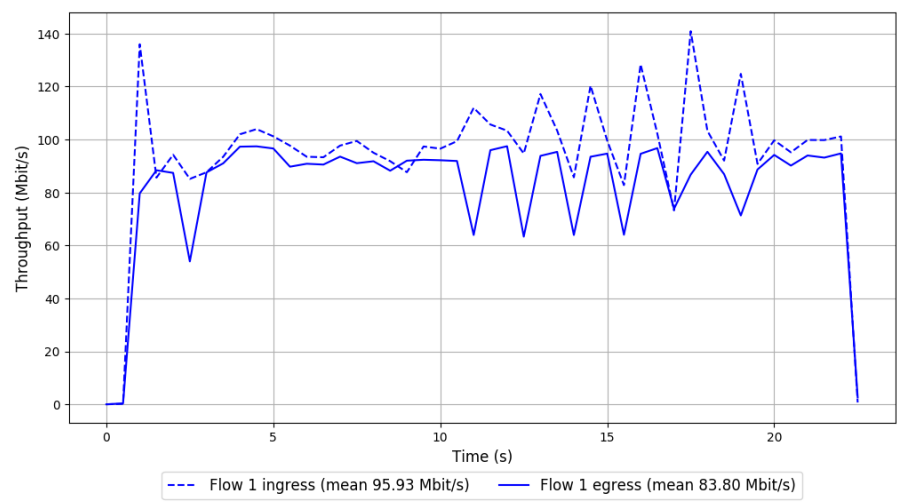
Start at: Sun, 16 Jul 2017 20:26:52 +0000

End at: Sun, 16 Jul 2017 20:27:22 +0000

Local clock offset: 0.577 ms

Remote clock offset: -11.03 ms

Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: Sun, 16 Jul 2017 20:44:25 +0000

End at: Sun, 16 Jul 2017 20:44:55 +0000

Local clock offset: 2.441 ms

Remote clock offset: -10.326 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:35:19 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.94 Mbit/s

95th percentile per-packet one-way delay: 26.593 ms

Loss rate: 26.46%

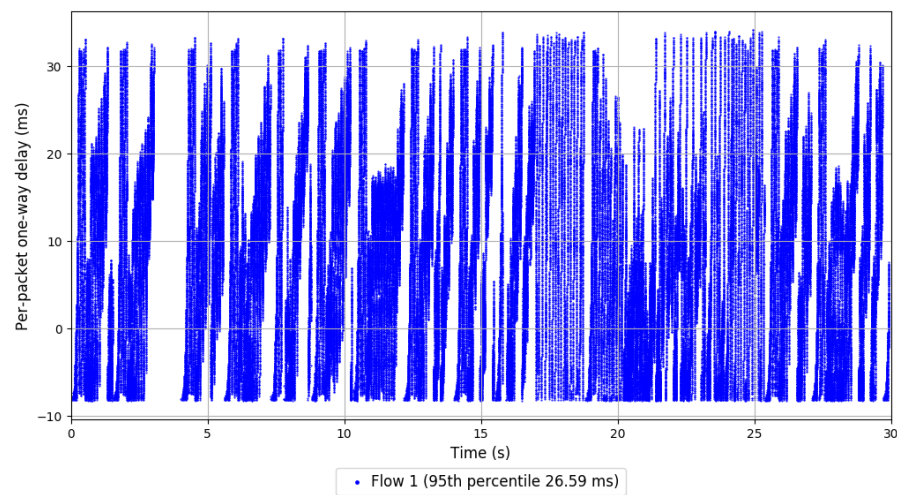
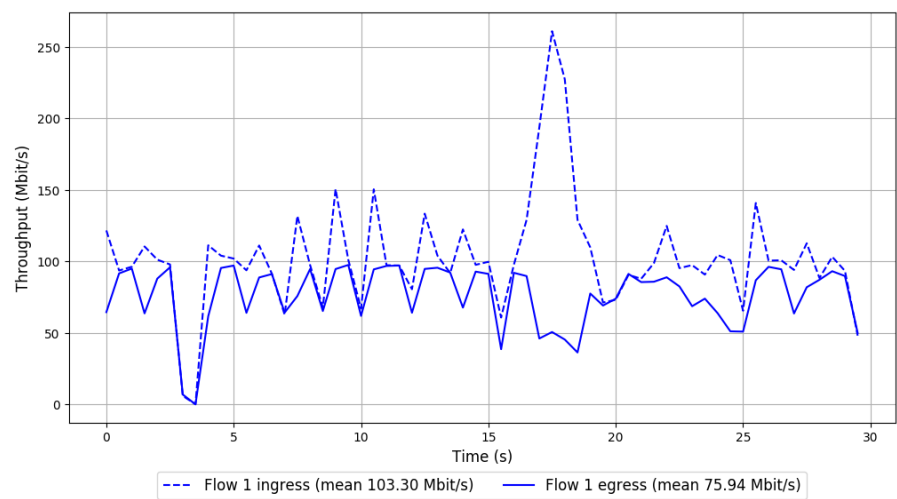
-- Flow 1:

Average throughput: 75.94 Mbit/s

95th percentile per-packet one-way delay: 26.593 ms

Loss rate: 26.46%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: Sun, 16 Jul 2017 21:01:51 +0000

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

Local clock offset: 3.165 ms

Remote clock offset: -9.238 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:35:20 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.47 Mbit/s

95th percentile per-packet one-way delay: 27.523 ms

Loss rate: 39.32%

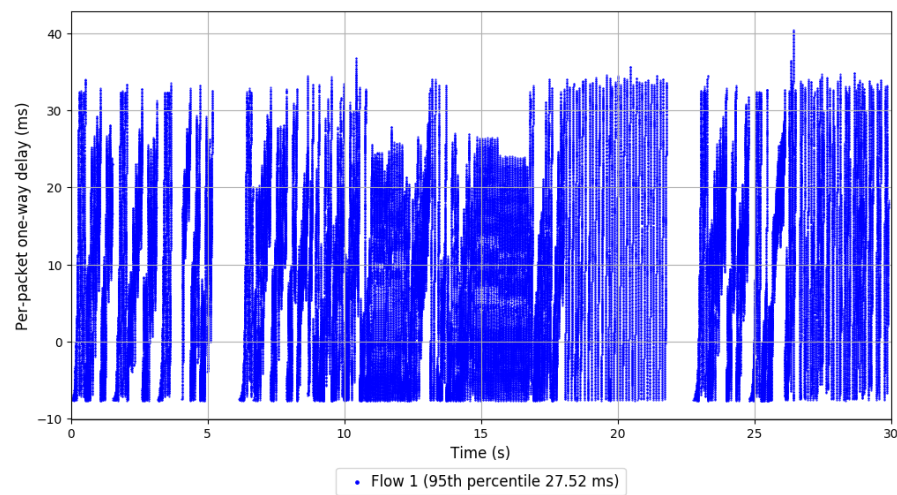
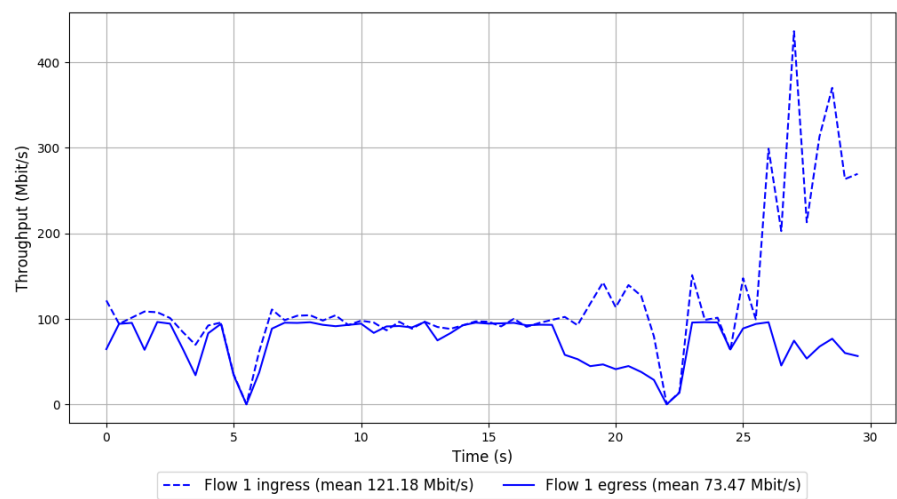
-- Flow 1:

Average throughput: 73.47 Mbit/s

95th percentile per-packet one-way delay: 27.523 ms

Loss rate: 39.32%

Run 7: Report of Verus — Data Link



Run 8: Statistics of Verus

Start at: Sun, 16 Jul 2017 21:19:11 +0000

End at: Sun, 16 Jul 2017 21:19:41 +0000

Local clock offset: 3.279 ms

Remote clock offset: -11.946 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:35:31 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.83 Mbit/s

95th percentile per-packet one-way delay: 25.154 ms

Loss rate: 17.20%

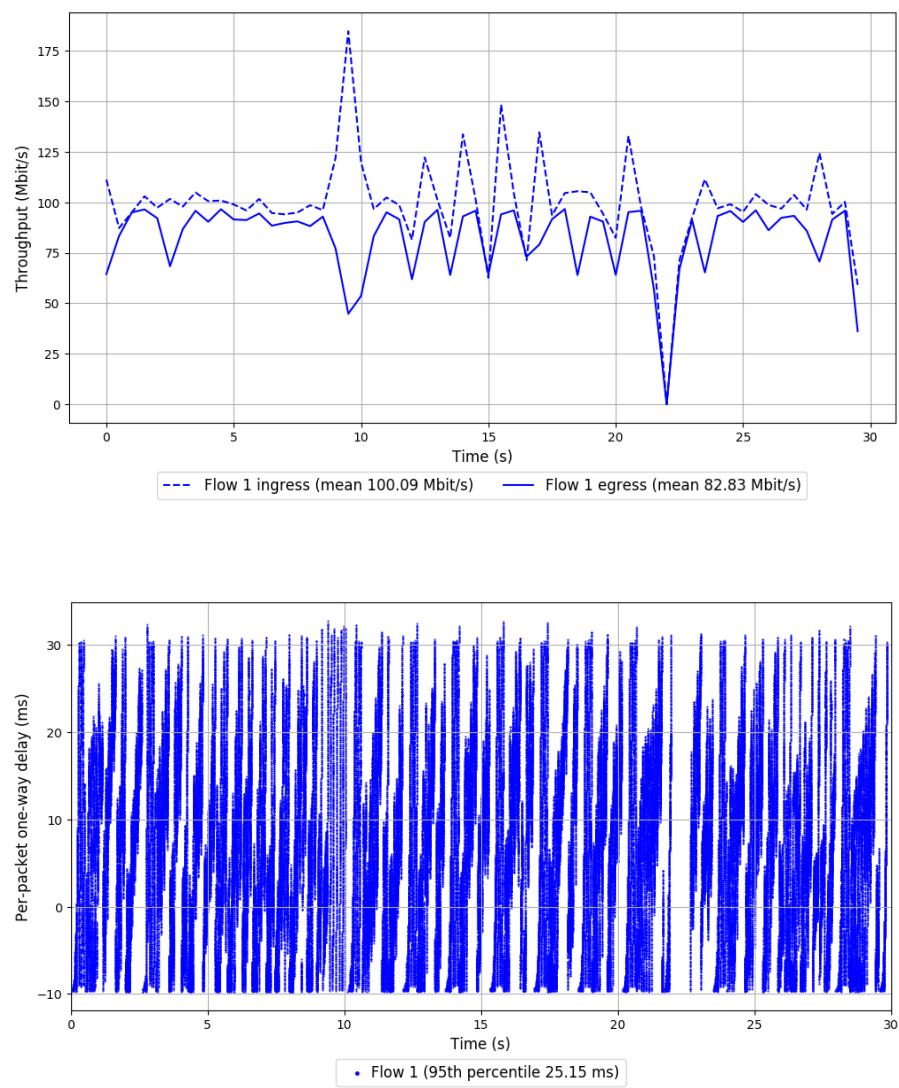
-- Flow 1:

Average throughput: 82.83 Mbit/s

95th percentile per-packet one-way delay: 25.154 ms

Loss rate: 17.20%

Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

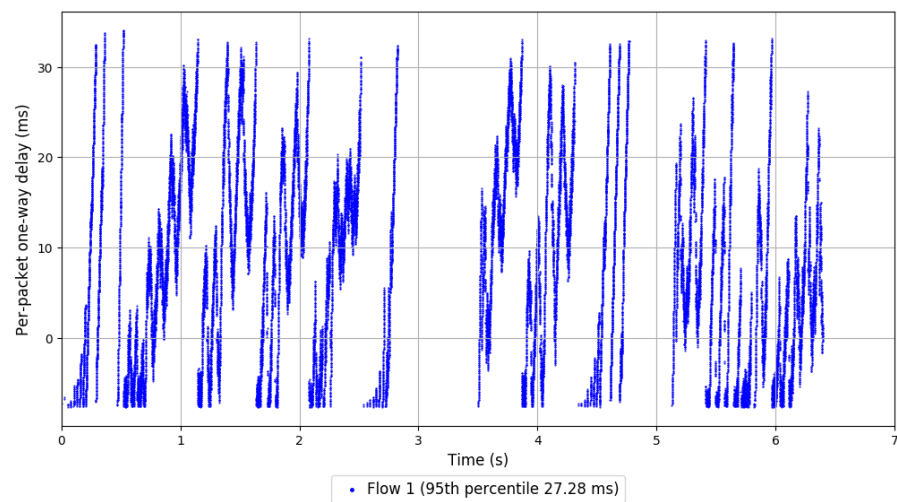
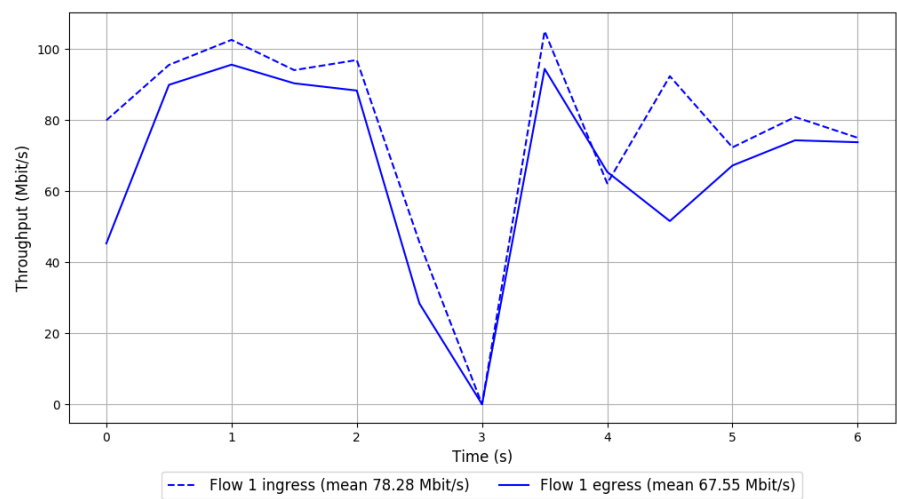
Start at: Sun, 16 Jul 2017 21:37:07 +0000

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

Local clock offset: 1.695 ms

Remote clock offset: -12.368 ms

Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

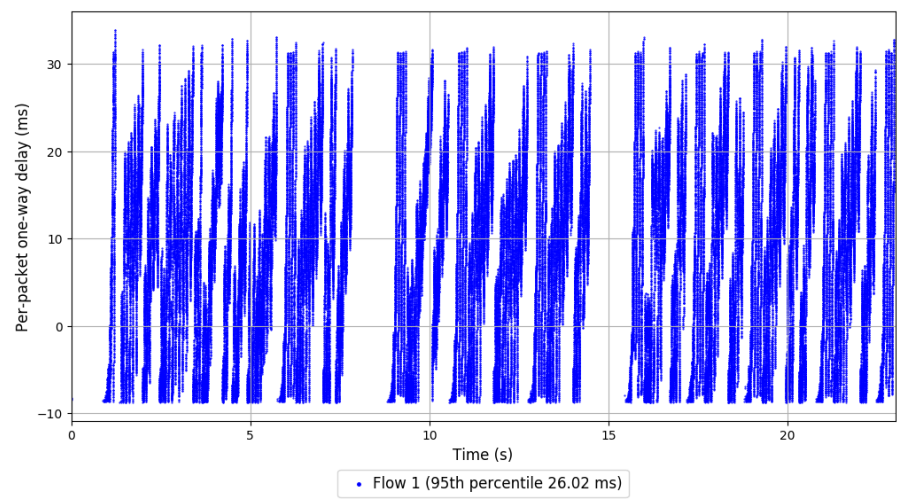
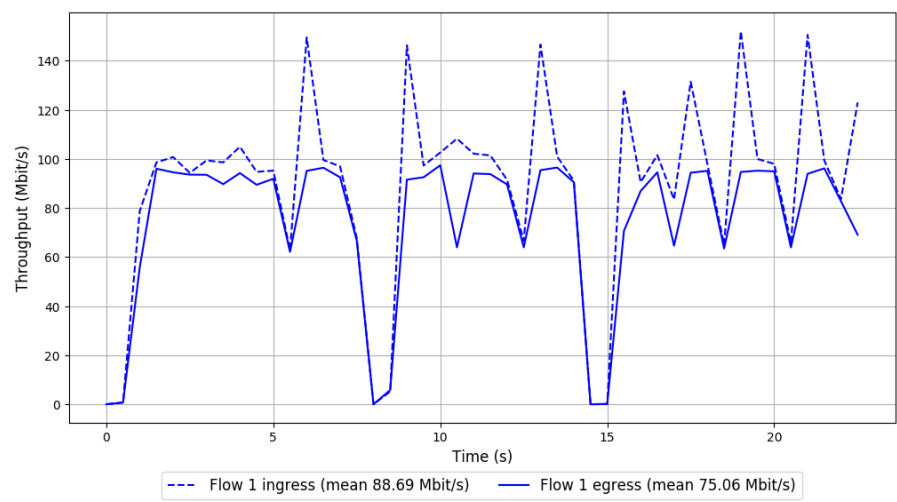
Start at: Sun, 16 Jul 2017 21:54:54 +0000

End at: Sun, 16 Jul 2017 21:55:24 +0000

Local clock offset: 3.649 ms

Remote clock offset: -12.383 ms

Run 10: Report of Verus — Data Link



Run 1: Statistics of WebRTC media

Start at: Sun, 16 Jul 2017 19:11:43 +0000

End at: Sun, 16 Jul 2017 19:12:13 +0000

Local clock offset: 3.45 ms

Remote clock offset: -11.016 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 1.41 Mbit/s

95th percentile per-packet one-way delay: -8.049 ms

Loss rate: 0.00%

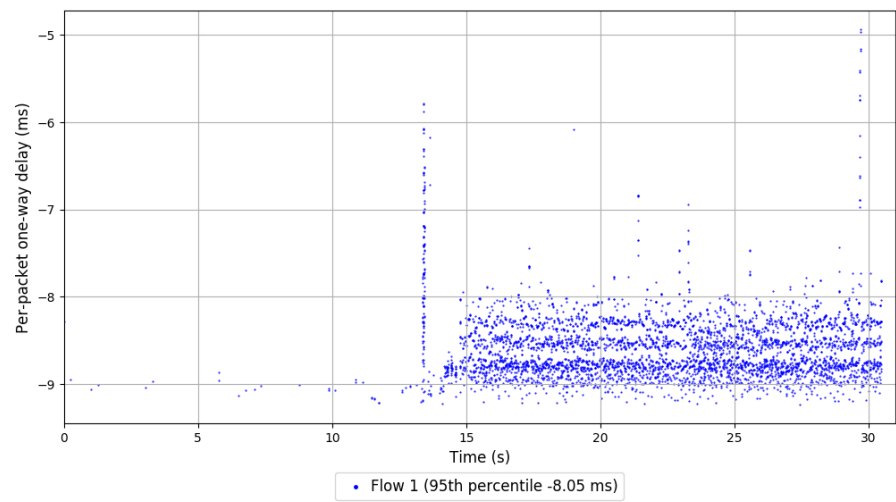
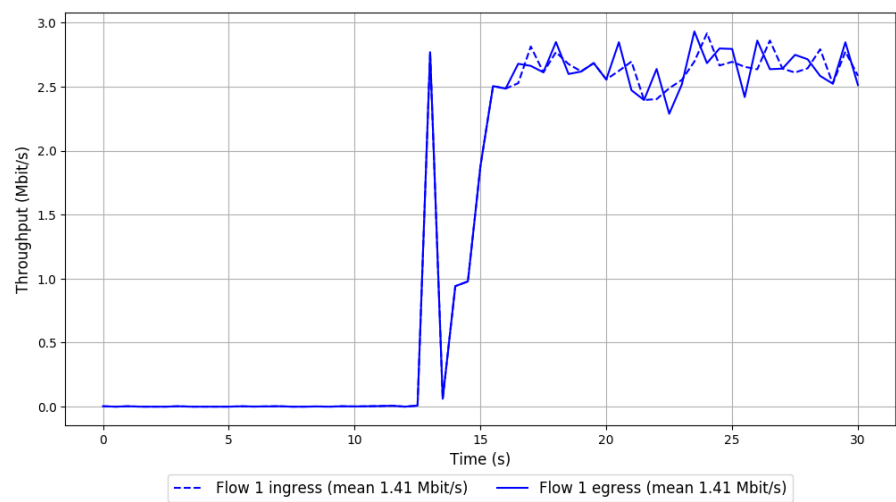
-- Flow 1:

Average throughput: 1.41 Mbit/s

95th percentile per-packet one-way delay: -8.049 ms

Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: Sun, 16 Jul 2017 19:29:51 +0000

End at: Sun, 16 Jul 2017 19:30:21 +0000

Local clock offset: 1.954 ms

Remote clock offset: -11.735 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:35:33 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.38 Mbit/s

95th percentile per-packet one-way delay: -7.446 ms

Loss rate: 0.00%

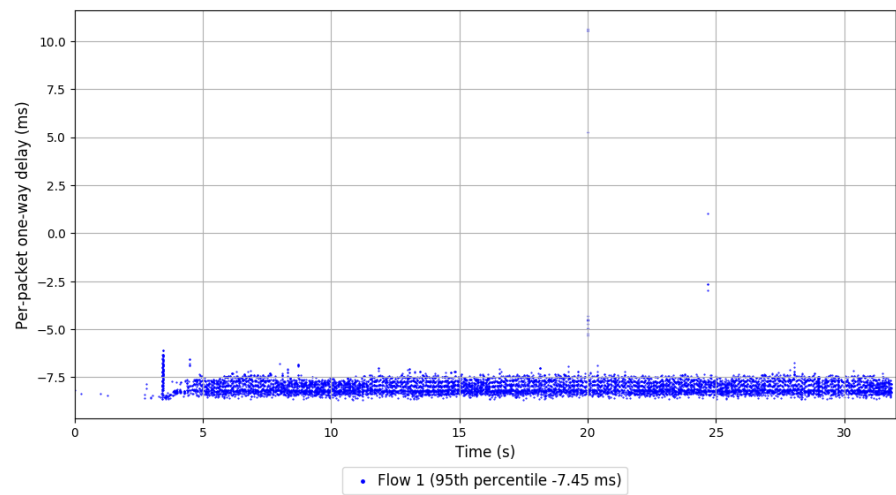
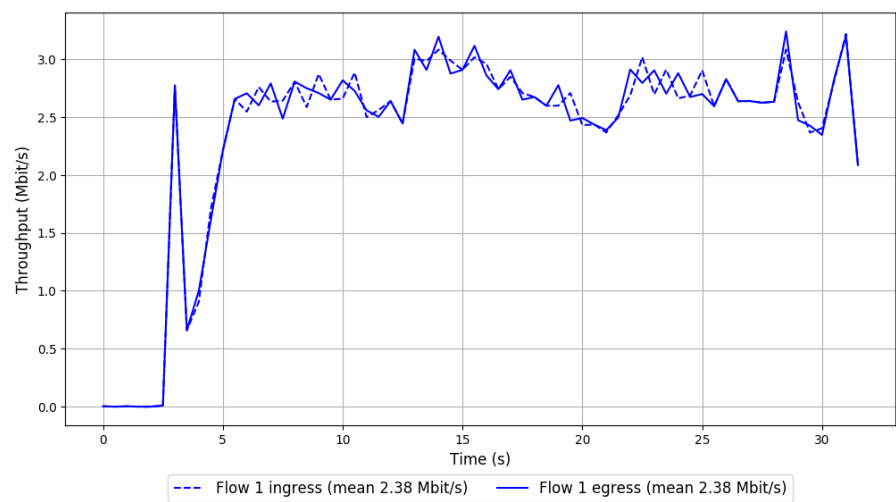
-- Flow 1:

Average throughput: 2.38 Mbit/s

95th percentile per-packet one-way delay: -7.446 ms

Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: Sun, 16 Jul 2017 19:47:37 +0000

End at: Sun, 16 Jul 2017 19:48:07 +0000

Local clock offset: 2.747 ms

Remote clock offset: -10.35 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:35:34 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.38 Mbit/s

95th percentile per-packet one-way delay: -6.893 ms

Loss rate: 0.00%

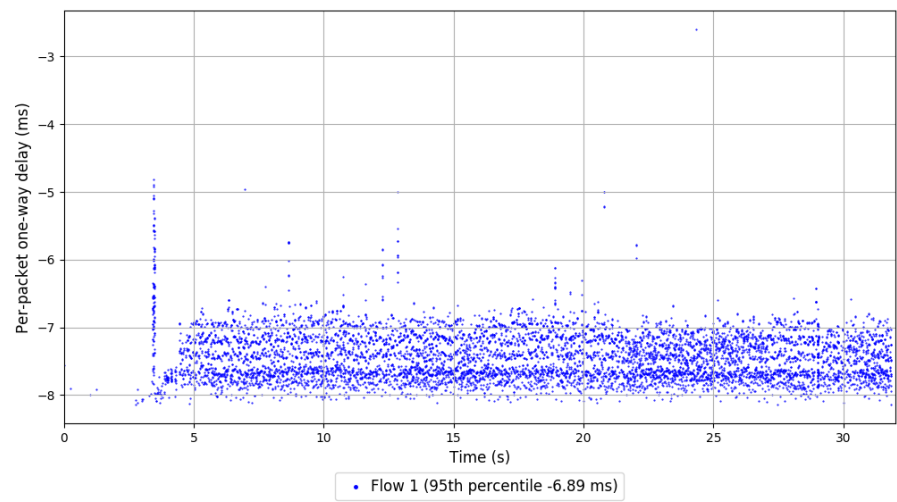
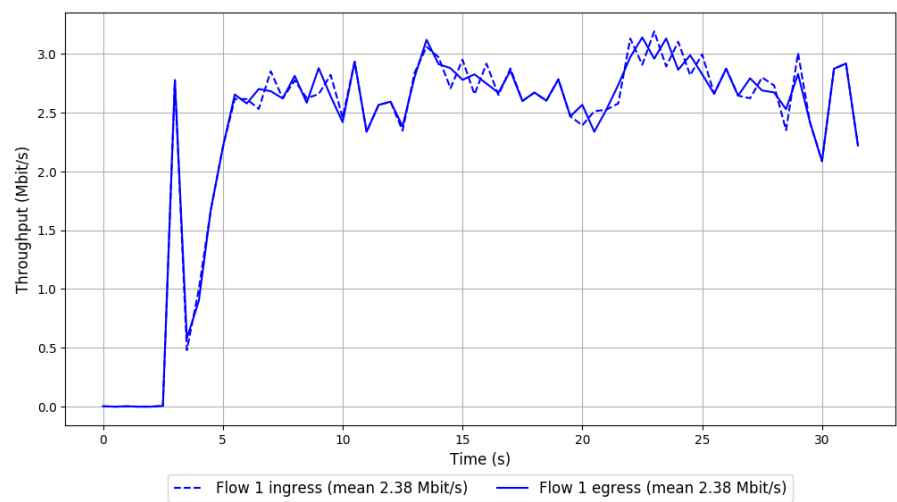
-- Flow 1:

Average throughput: 2.38 Mbit/s

95th percentile per-packet one-way delay: -6.893 ms

Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: Sun, 16 Jul 2017 20:04:51 +0000

End at: Sun, 16 Jul 2017 20:05:21 +0000

Local clock offset: 2.526 ms

Remote clock offset: -8.865 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:35:34 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.37 Mbit/s

95th percentile per-packet one-way delay: -5.366 ms

Loss rate: 0.00%

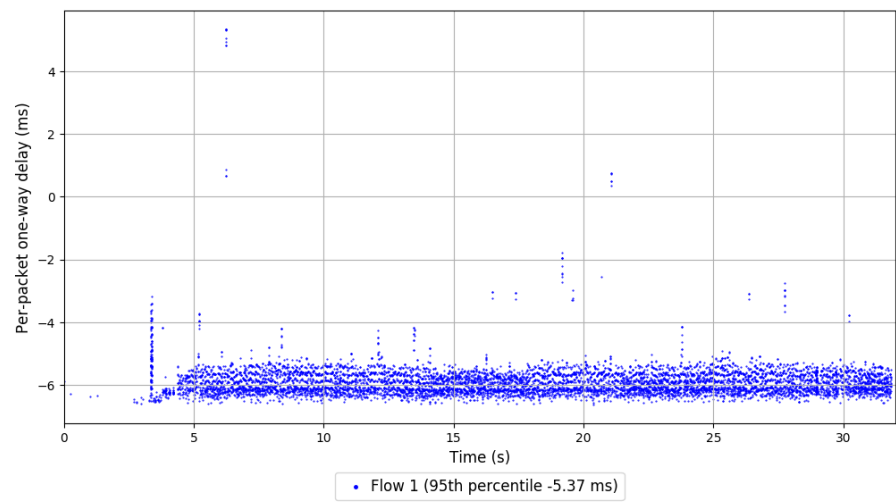
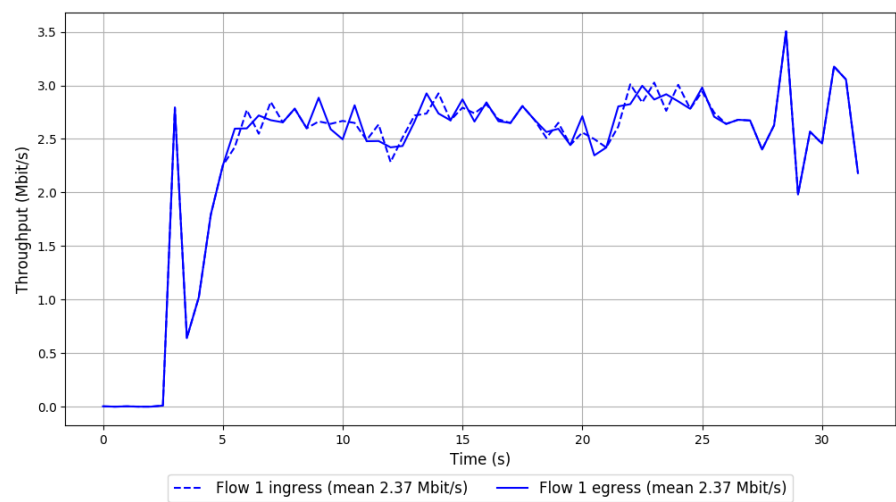
-- Flow 1:

Average throughput: 2.37 Mbit/s

95th percentile per-packet one-way delay: -5.366 ms

Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: Sun, 16 Jul 2017 20:22:12 +0000

End at: Sun, 16 Jul 2017 20:22:42 +0000

Local clock offset: 2.67 ms

Remote clock offset: -9.805 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:35:36 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.30 Mbit/s

95th percentile per-packet one-way delay: -6.698 ms

Loss rate: 0.00%

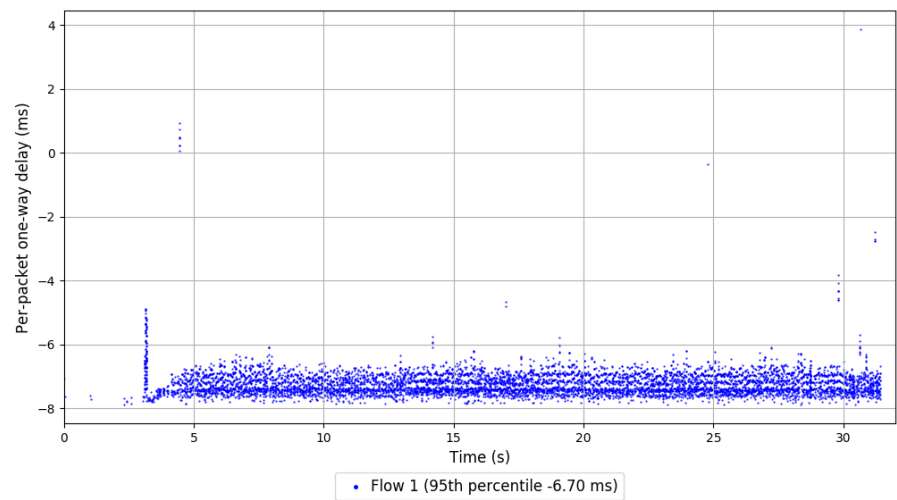
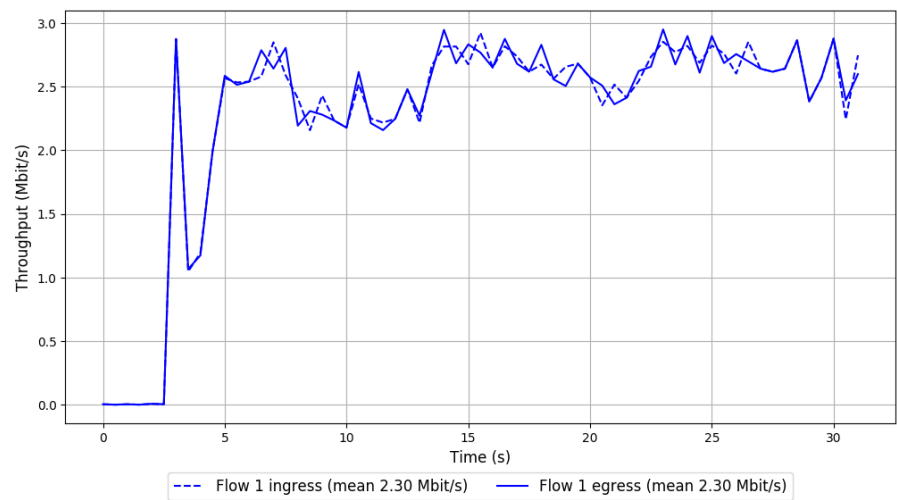
-- Flow 1:

Average throughput: 2.30 Mbit/s

95th percentile per-packet one-way delay: -6.698 ms

Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: Sun, 16 Jul 2017 20:39:54 +0000

End at: Sun, 16 Jul 2017 20:40:24 +0000

Local clock offset: 2.355 ms

Remote clock offset: -10.074 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:35:36 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.31 Mbit/s

95th percentile per-packet one-way delay: -6.801 ms

Loss rate: 0.00%

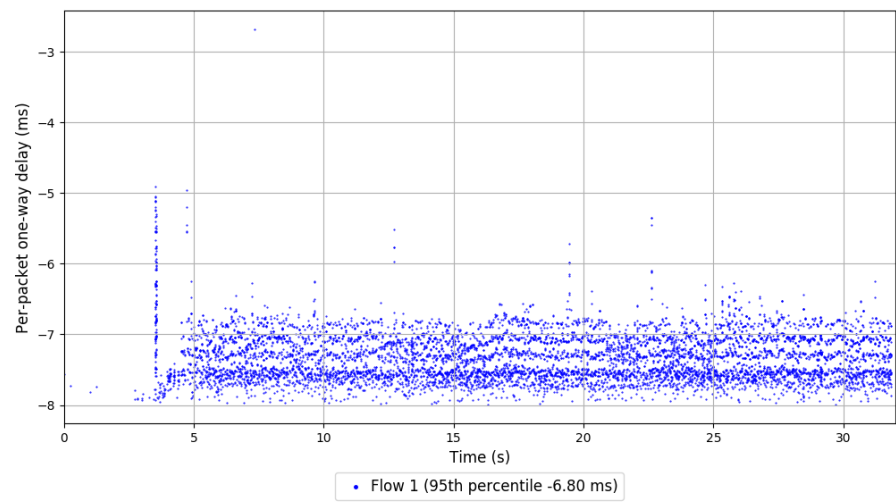
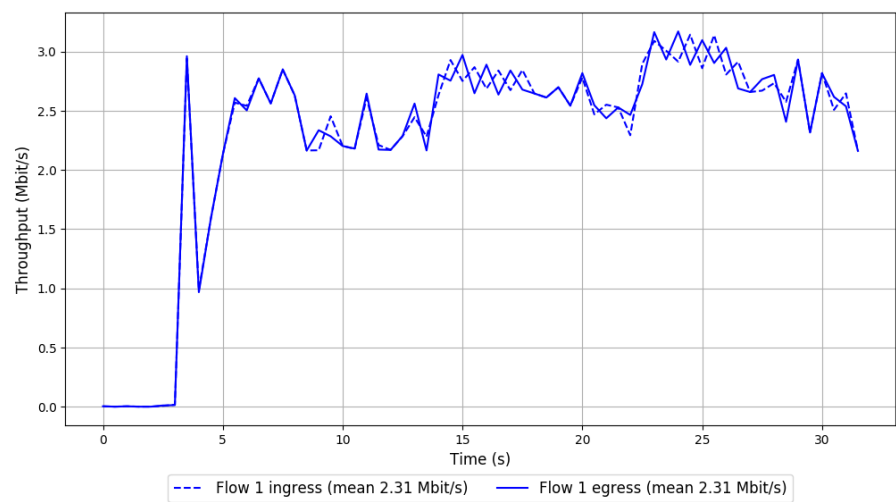
-- Flow 1:

Average throughput: 2.31 Mbit/s

95th percentile per-packet one-way delay: -6.801 ms

Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: Sun, 16 Jul 2017 20:57:21 +0000

End at: Sun, 16 Jul 2017 20:57:51 +0000

Local clock offset: 0.231 ms

Remote clock offset: -9.253 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:35:37 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.37 Mbit/s

95th percentile per-packet one-way delay: -3.859 ms

Loss rate: 0.00%

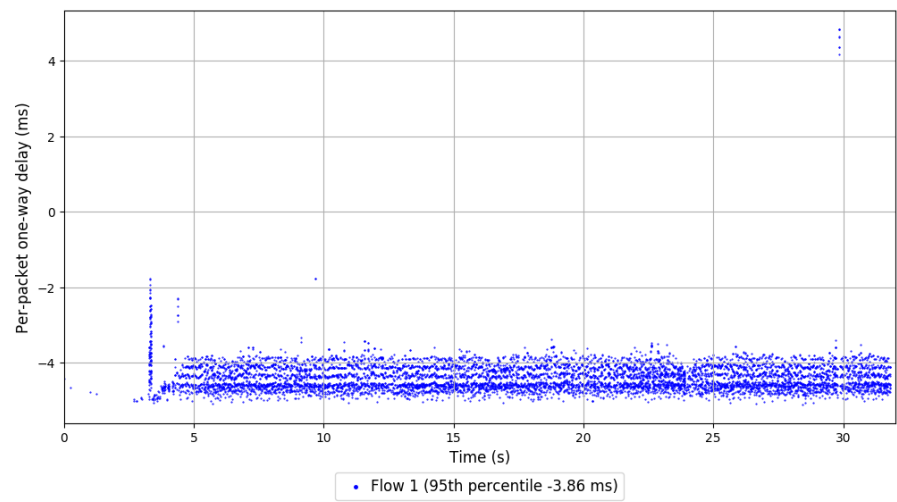
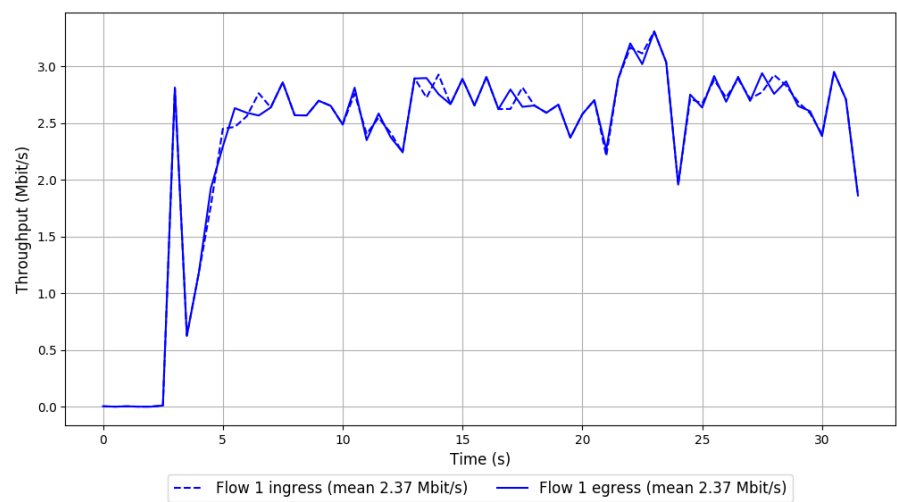
-- Flow 1:

Average throughput: 2.37 Mbit/s

95th percentile per-packet one-way delay: -3.859 ms

Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

Start at: Sun, 16 Jul 2017 21:14:39 +0000

End at: Sun, 16 Jul 2017 21:15:09 +0000

Local clock offset: 2.766 ms

Remote clock offset: -11.435 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:35:37 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.37 Mbit/s

95th percentile per-packet one-way delay: -7.985 ms

Loss rate: 0.00%

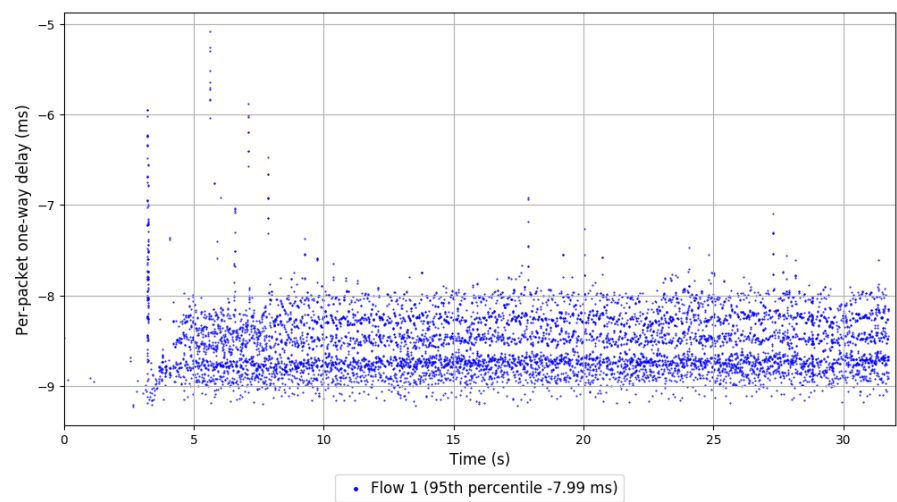
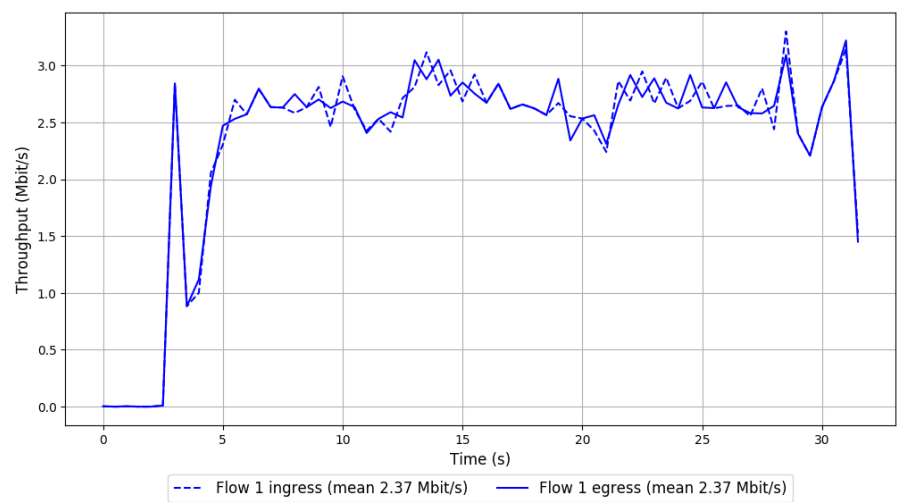
-- Flow 1:

Average throughput: 2.37 Mbit/s

95th percentile per-packet one-way delay: -7.985 ms

Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

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

End at: Sun, 16 Jul 2017 21:32:46 +0000

Local clock offset: 0.031 ms

Remote clock offset: -11.662 ms

Below is generated by plot.py at Mon, 17 Jul 2017 01:35:38 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.37 Mbit/s

95th percentile per-packet one-way delay: -4.681 ms

Loss rate: 0.00%

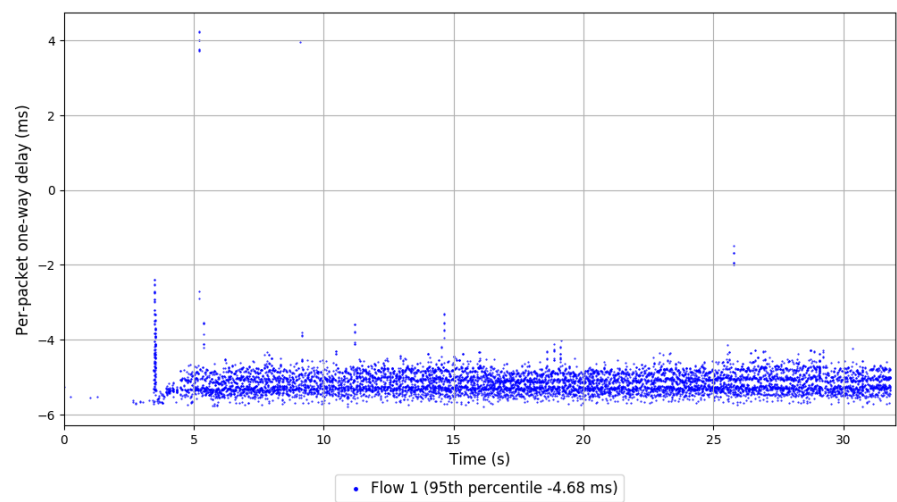
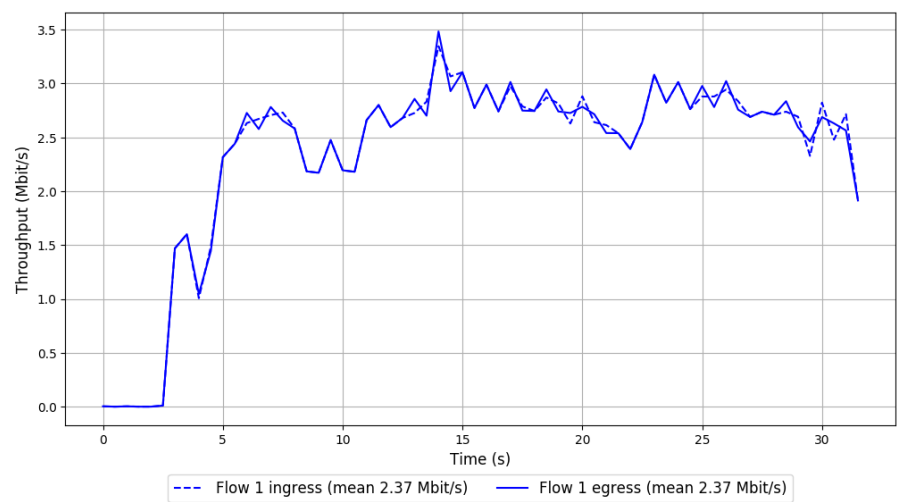
-- Flow 1:

Average throughput: 2.37 Mbit/s

95th percentile per-packet one-way delay: -4.681 ms

Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: Sun, 16 Jul 2017 21:50:12 +0000

End at: Sun, 16 Jul 2017 21:50:42 +0000

Local clock offset: 0.051 ms

Remote clock offset: -12.317 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.39 Mbit/s

95th percentile per-packet one-way delay: -4.262 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 2.39 Mbit/s

95th percentile per-packet one-way delay: -4.262 ms

Loss rate: 0.01%

Run 10: Report of WebRTC media — Data Link

