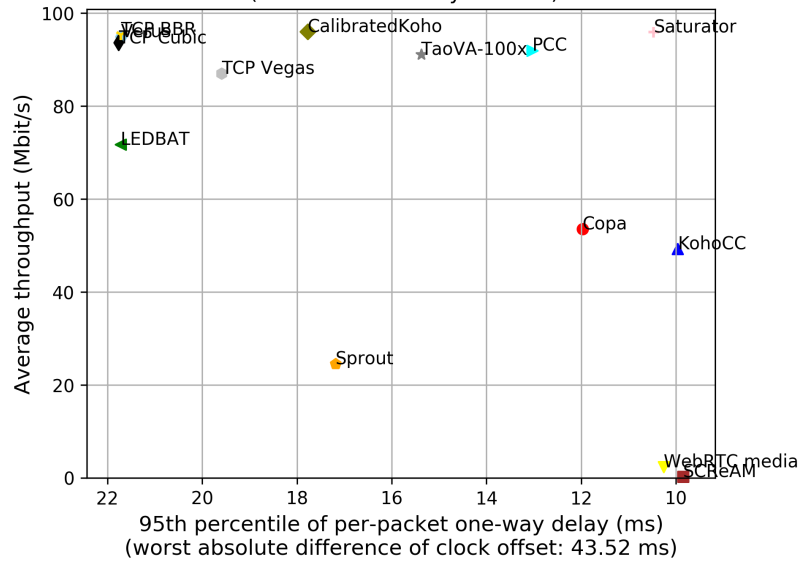


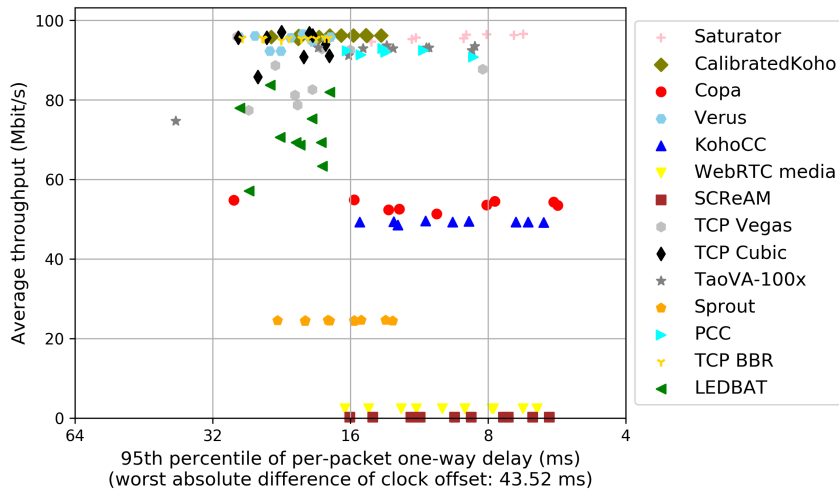
Pantheon Summary (Generated at Wed, 05 Jul 2017 13:54:44 +0000 with
pantheon version 767a95bcc95d67bd77e69c0f8bc9320c1ad3146b)
Repeated the test of 15 congestion control schemes 10 times.
Each test lasted for 30 seconds running 1 flow.
Data path **from** India Ethernet **to** AWS India 1 Ethernet.
NTP offset measured against nets.org.sg.

```
git branch: master @ 767a95bcc95d67bd77e69c0f8bc9320c1ad3146b
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 @ c792f8e8e0704b1646a0e024766675d8e9a835f1
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaeab30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

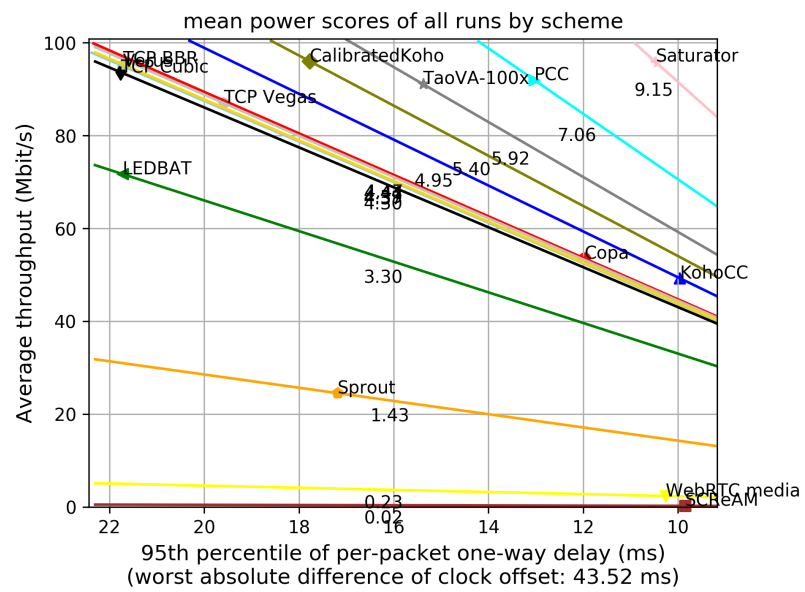
test from India Ethernet to AWS India 1 Ethernet, 10 runs of 30s each per scheme
(mean of all runs by scheme)



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



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



Run 1: Statistics of TCP BBR

Start at: Wed, 05 Jul 2017 10:11:56 +0000

End at: Wed, 05 Jul 2017 10:12:26 +0000

Local clock offset: 0.303 ms

Remote clock offset: -17.496 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:43:20 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.32 Mbit/s

95th percentile per-packet one-way delay: 24.798 ms

Loss rate: 0.41%

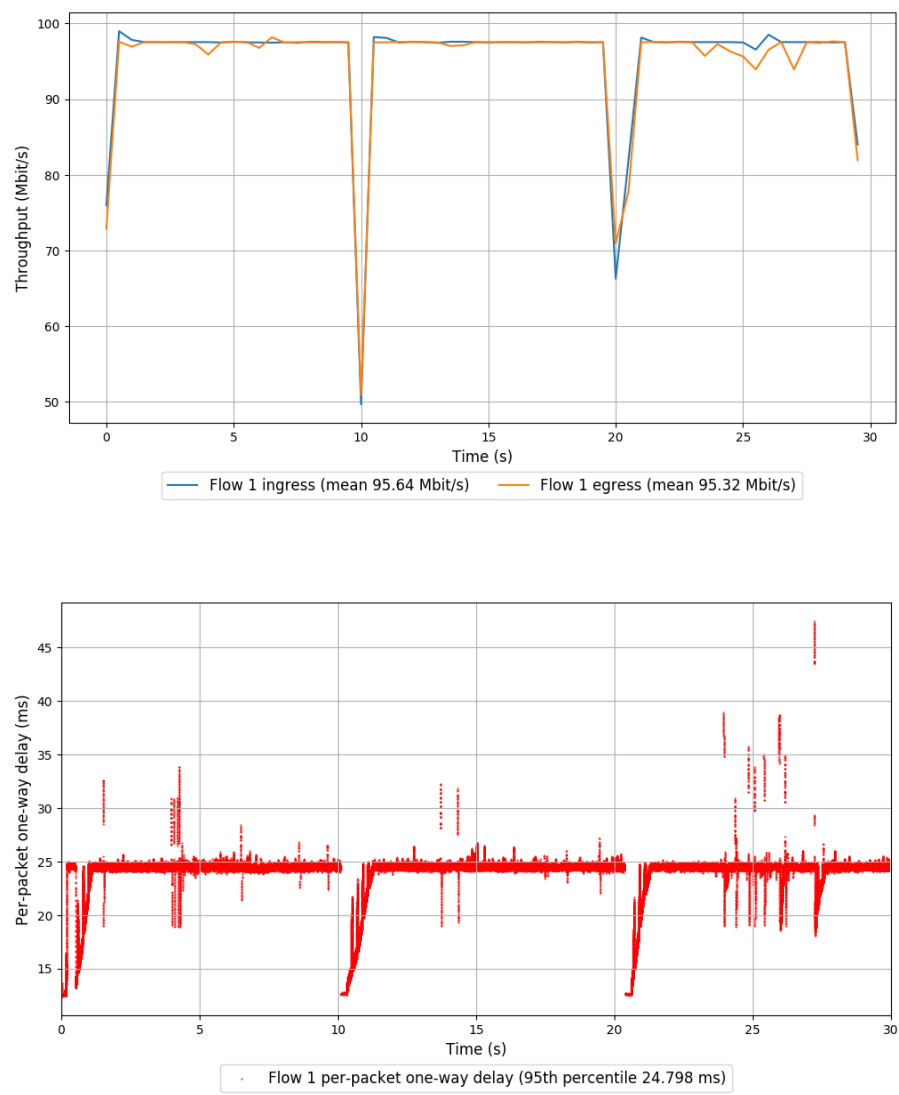
-- Flow 1:

Average throughput: 95.32 Mbit/s

95th percentile per-packet one-way delay: 24.798 ms

Loss rate: 0.41%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: Wed, 05 Jul 2017 10:29:40 +0000

End at: Wed, 05 Jul 2017 10:30:10 +0000

Local clock offset: 1.472 ms

Remote clock offset: -17.692 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:43:21 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.86 Mbit/s

95th percentile per-packet one-way delay: 22.689 ms

Loss rate: 0.17%

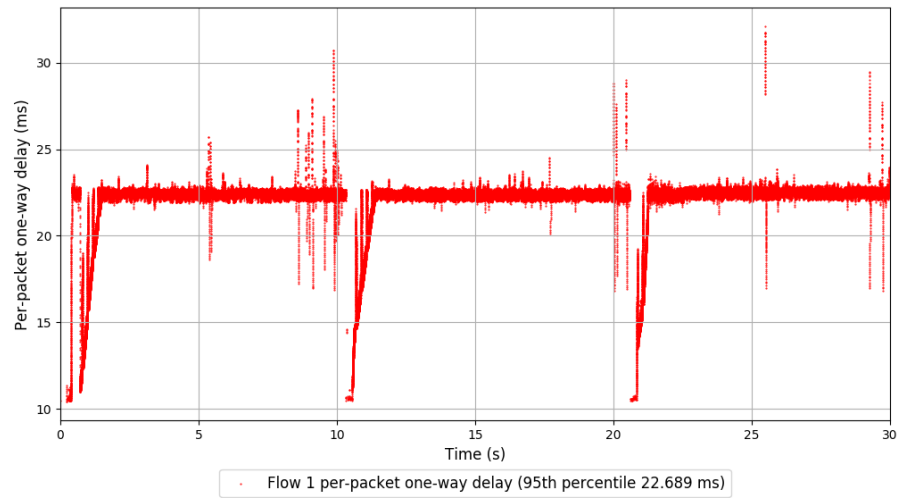
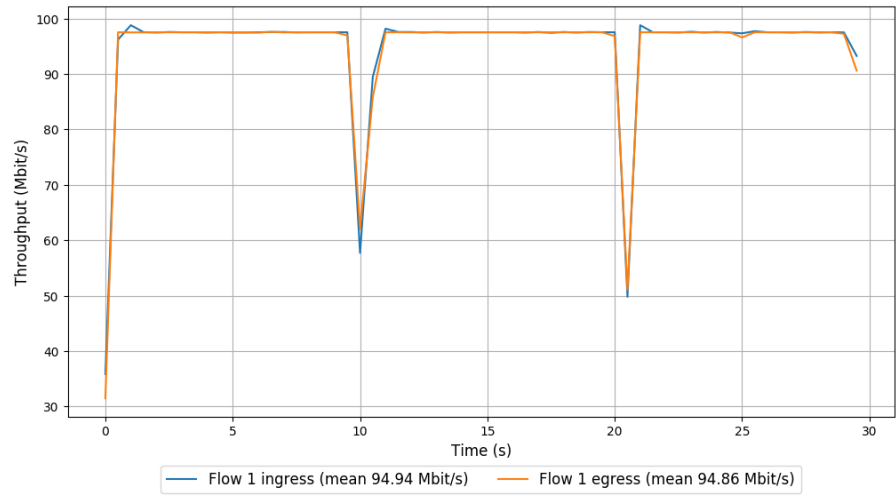
-- Flow 1:

Average throughput: 94.86 Mbit/s

95th percentile per-packet one-way delay: 22.689 ms

Loss rate: 0.17%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: Wed, 05 Jul 2017 10:47:44 +0000

End at: Wed, 05 Jul 2017 10:48:14 +0000

Local clock offset: 4.495 ms

Remote clock offset: -20.535 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:43:33 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.39 Mbit/s

95th percentile per-packet one-way delay: 20.500 ms

Loss rate: 0.31%

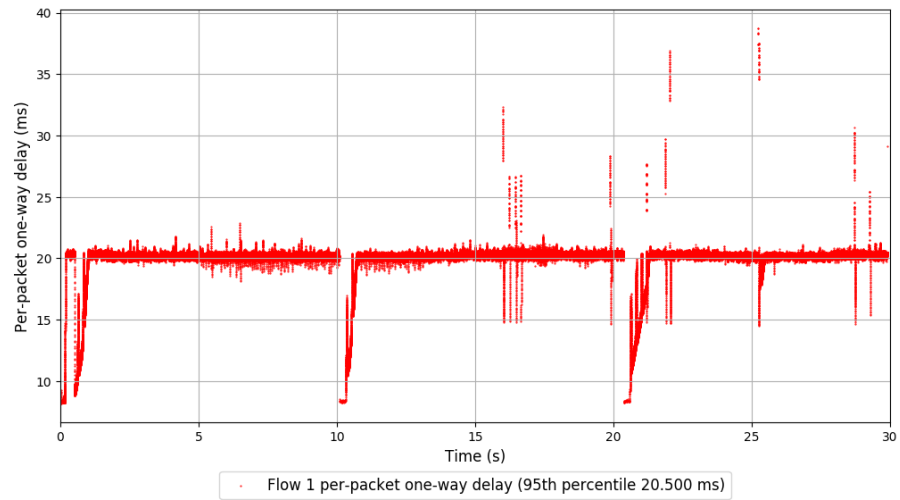
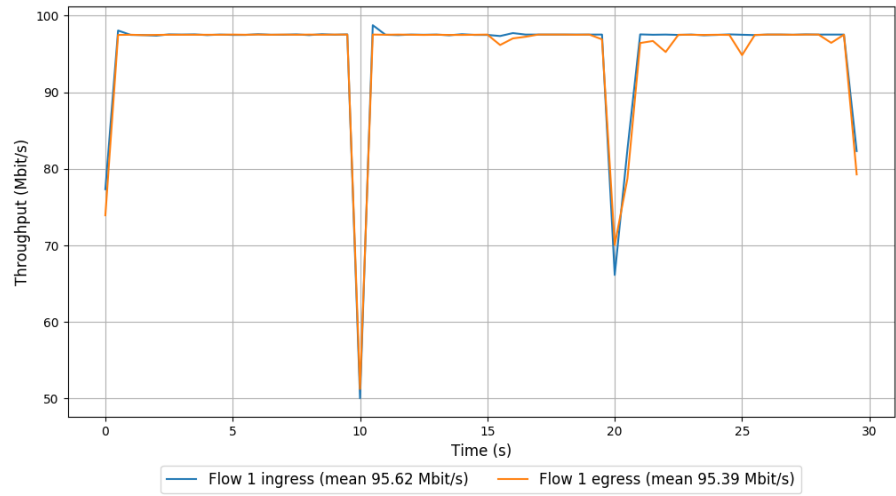
-- Flow 1:

Average throughput: 95.39 Mbit/s

95th percentile per-packet one-way delay: 20.500 ms

Loss rate: 0.31%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: Wed, 05 Jul 2017 11:05:48 +0000

End at: Wed, 05 Jul 2017 11:06:18 +0000

Local clock offset: 3.703 ms

Remote clock offset: -22.764 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:43:34 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.53 Mbit/s

95th percentile per-packet one-way delay: 18.231 ms

Loss rate: 0.19%

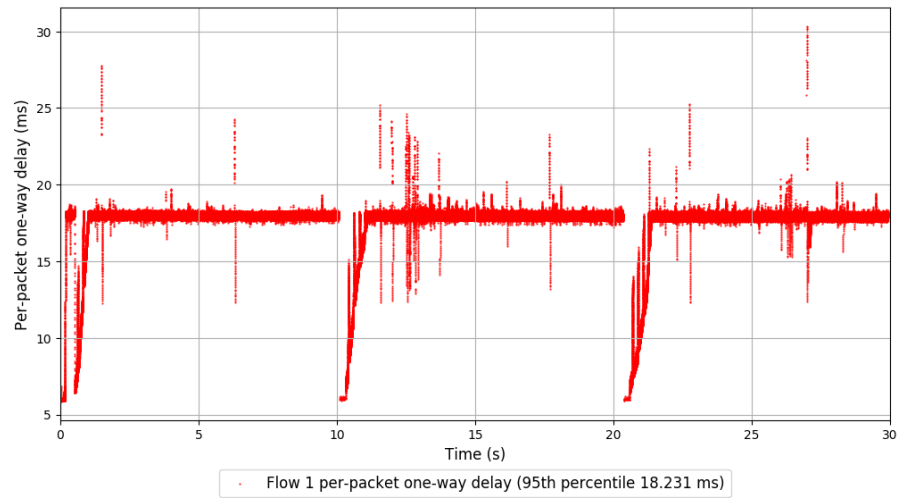
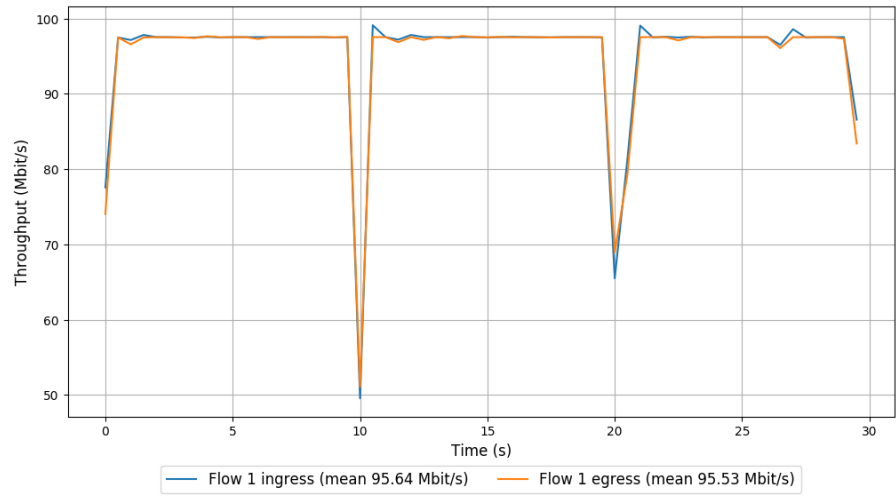
-- Flow 1:

Average throughput: 95.53 Mbit/s

95th percentile per-packet one-way delay: 18.231 ms

Loss rate: 0.19%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: Wed, 05 Jul 2017 11:23:37 +0000

End at: Wed, 05 Jul 2017 11:24:08 +0000

Local clock offset: 3.935 ms

Remote clock offset: -21.474 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:43:46 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.48 Mbit/s

95th percentile per-packet one-way delay: 17.869 ms

Loss rate: 0.25%

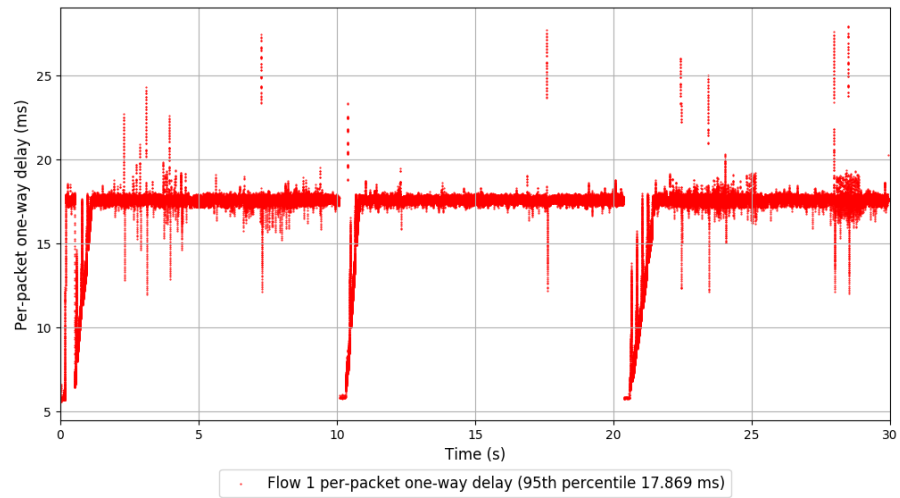
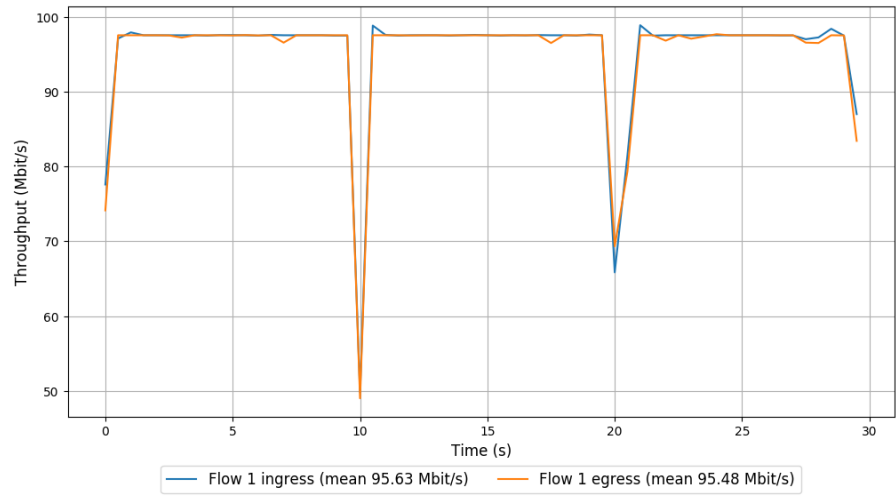
-- Flow 1:

Average throughput: 95.48 Mbit/s

95th percentile per-packet one-way delay: 17.869 ms

Loss rate: 0.25%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: Wed, 05 Jul 2017 11:41:17 +0000

End at: Wed, 05 Jul 2017 11:41:47 +0000

Local clock offset: 1.465 ms

Remote clock offset: -21.754 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:43:46 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.41 Mbit/s

95th percentile per-packet one-way delay: 19.037 ms

Loss rate: 0.30%

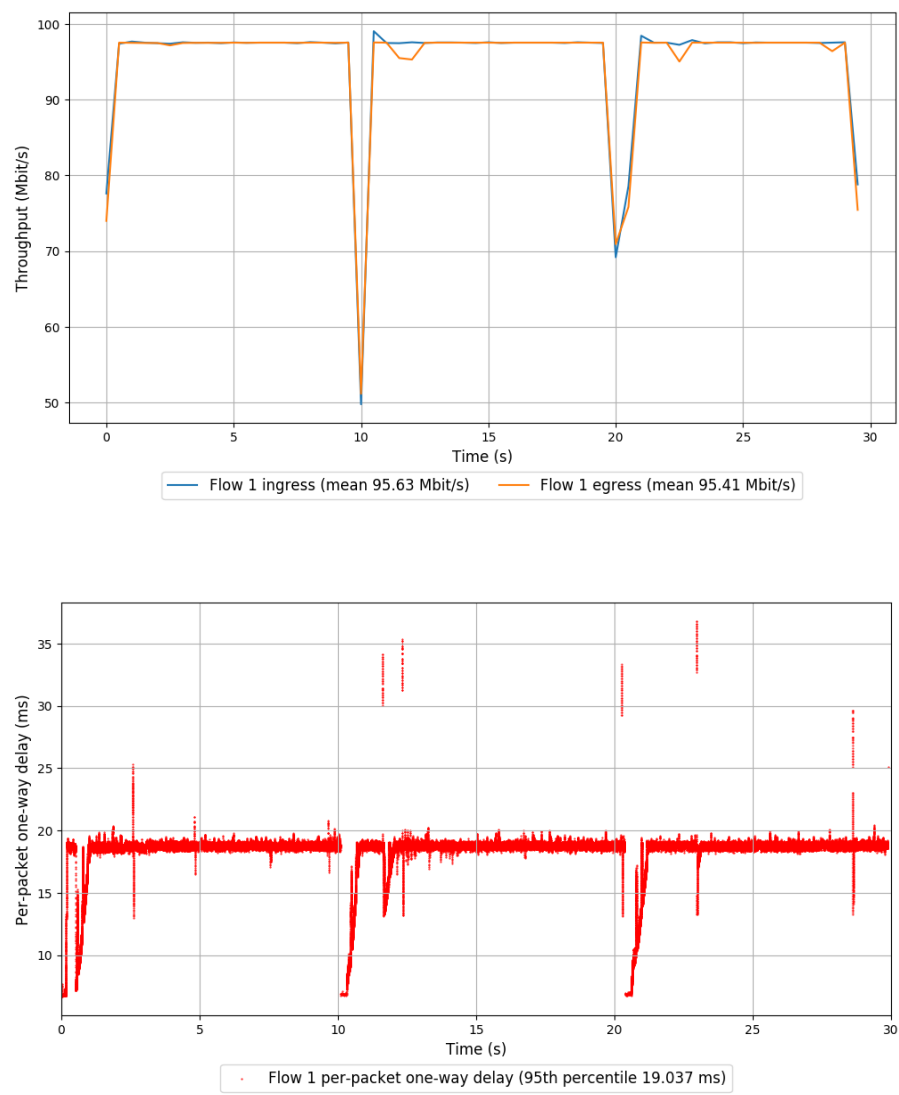
-- Flow 1:

Average throughput: 95.41 Mbit/s

95th percentile per-packet one-way delay: 19.037 ms

Loss rate: 0.30%

Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

Start at: Wed, 05 Jul 2017 11:59:34 +0000

End at: Wed, 05 Jul 2017 12:00:04 +0000

Local clock offset: 3.001 ms

Remote clock offset: -37.73 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:43:59 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.48 Mbit/s

95th percentile per-packet one-way delay: 19.790 ms

Loss rate: 0.22%

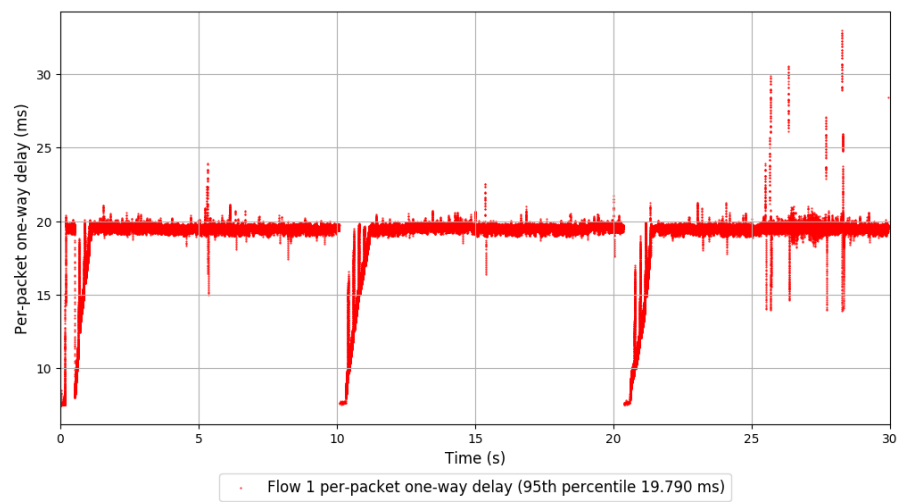
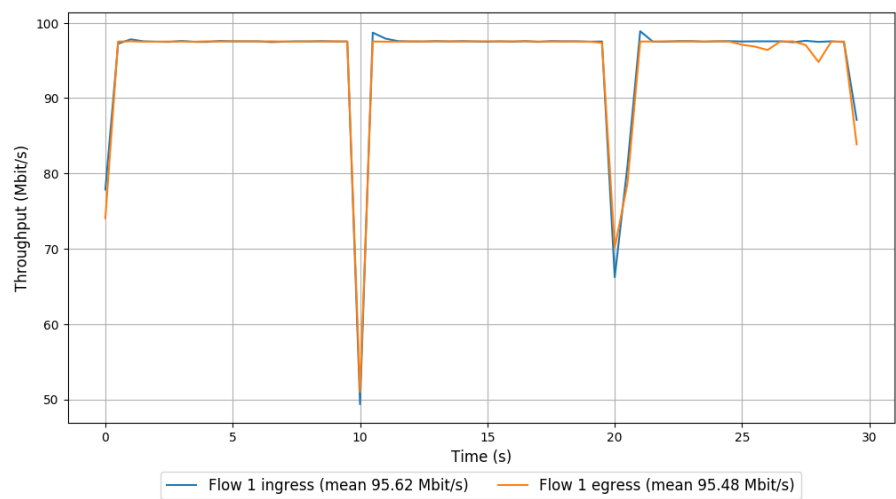
-- Flow 1:

Average throughput: 95.48 Mbit/s

95th percentile per-packet one-way delay: 19.790 ms

Loss rate: 0.22%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: Wed, 05 Jul 2017 12:17:28 +0000

End at: Wed, 05 Jul 2017 12:17:58 +0000

Local clock offset: 0.17 ms

Remote clock offset: -38.384 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:44:00 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.48 Mbit/s

95th percentile per-packet one-way delay: 21.817 ms

Loss rate: 0.24%

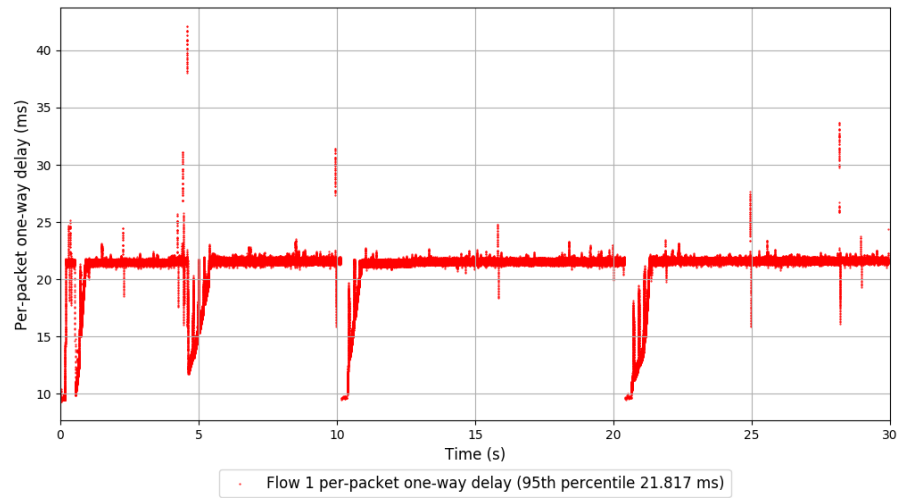
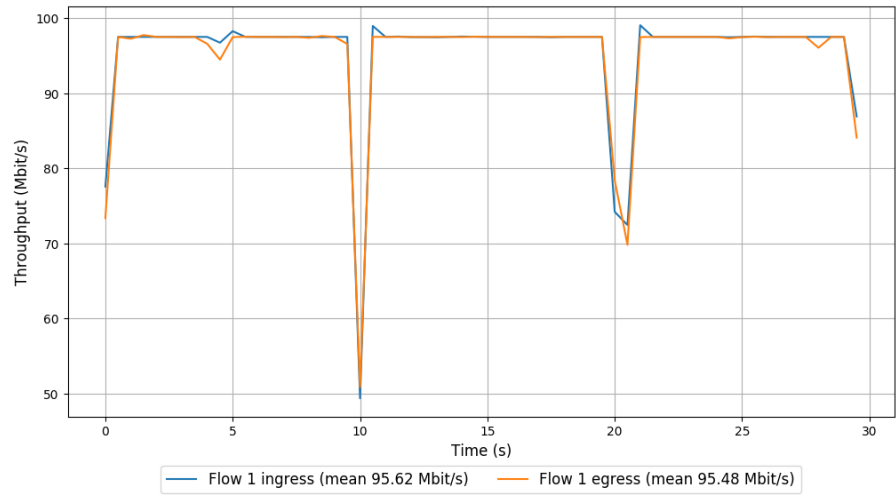
-- Flow 1:

Average throughput: 95.48 Mbit/s

95th percentile per-packet one-way delay: 21.817 ms

Loss rate: 0.24%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: Wed, 05 Jul 2017 12:35:02 +0000

End at: Wed, 05 Jul 2017 12:35:32 +0000

Local clock offset: 2.778 ms

Remote clock offset: -34.456 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:44:11 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.45 Mbit/s

95th percentile per-packet one-way delay: 24.945 ms

Loss rate: 0.24%

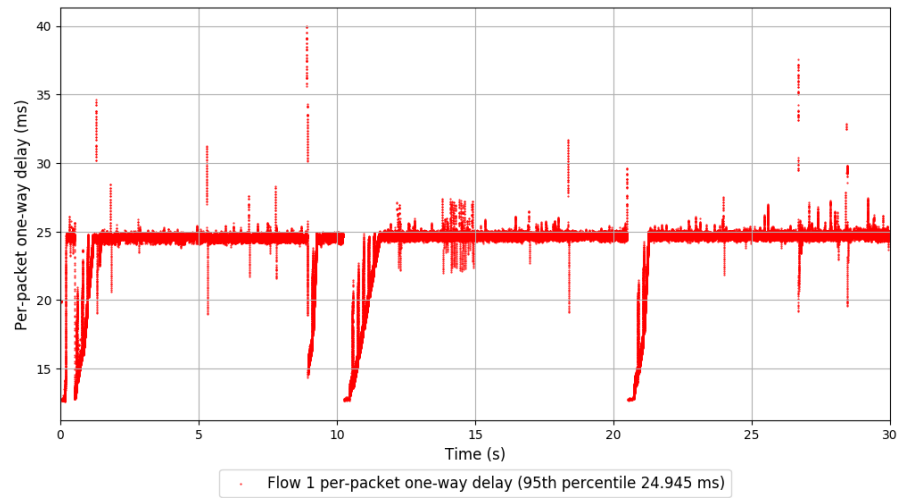
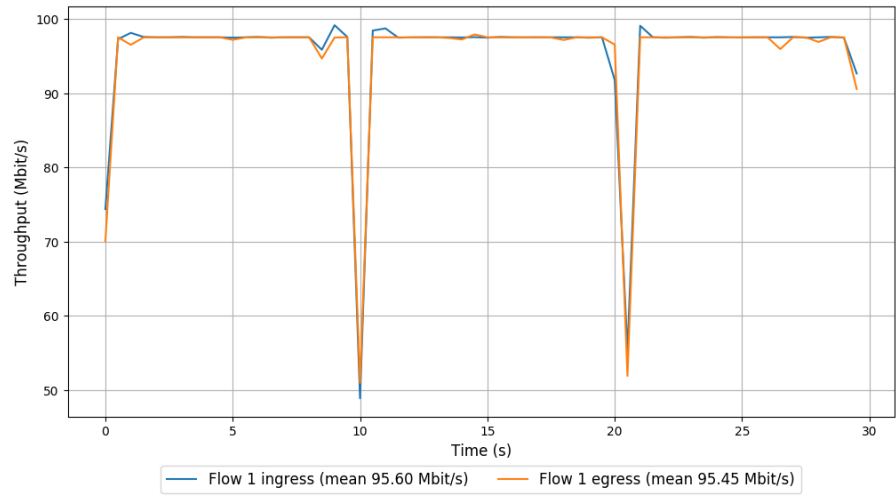
-- Flow 1:

Average throughput: 95.45 Mbit/s

95th percentile per-packet one-way delay: 24.945 ms

Loss rate: 0.24%

Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

Start at: Wed, 05 Jul 2017 12:52:40 +0000

End at: Wed, 05 Jul 2017 12:53:10 +0000

Local clock offset: 1.857 ms

Remote clock offset: -33.128 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:44:12 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.43 Mbit/s

95th percentile per-packet one-way delay: 27.570 ms

Loss rate: 0.29%

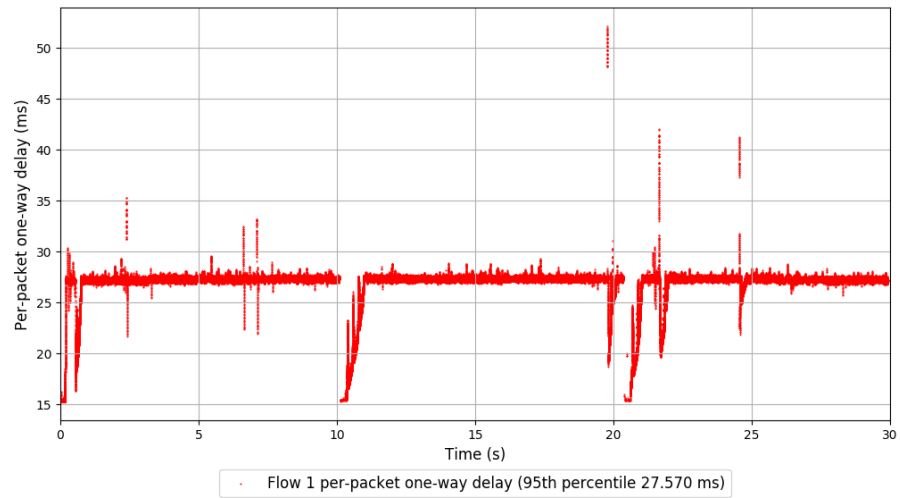
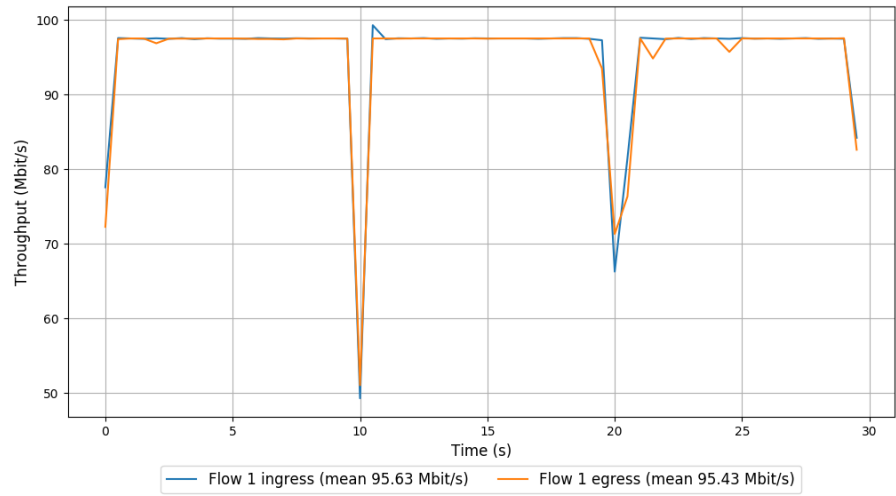
-- Flow 1:

Average throughput: 95.43 Mbit/s

95th percentile per-packet one-way delay: 27.570 ms

Loss rate: 0.29%

Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of CalibratedKoho

Start at: Wed, 05 Jul 2017 10:10:40 +0000

End at: Wed, 05 Jul 2017 10:11:10 +0000

Local clock offset: 3.846 ms

Remote clock offset: -18.247 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:44:21 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.40 Mbit/s

95th percentile per-packet one-way delay: 20.823 ms

Loss rate: 0.48%

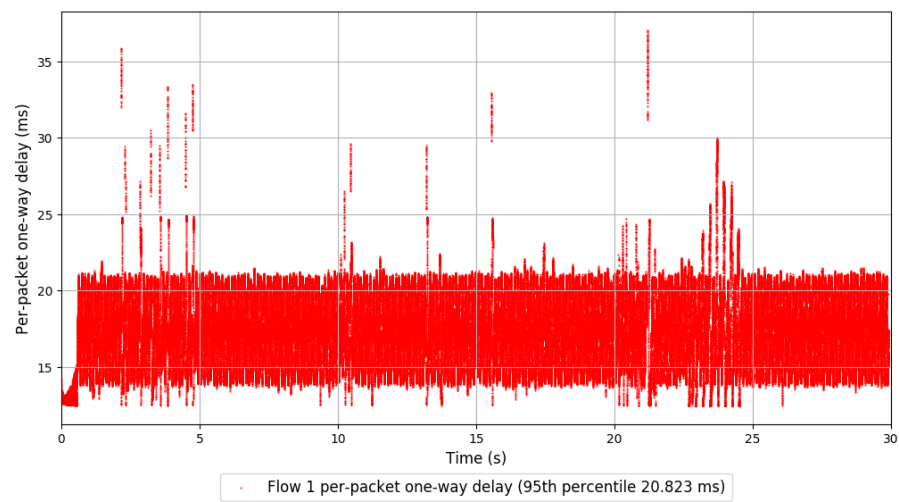
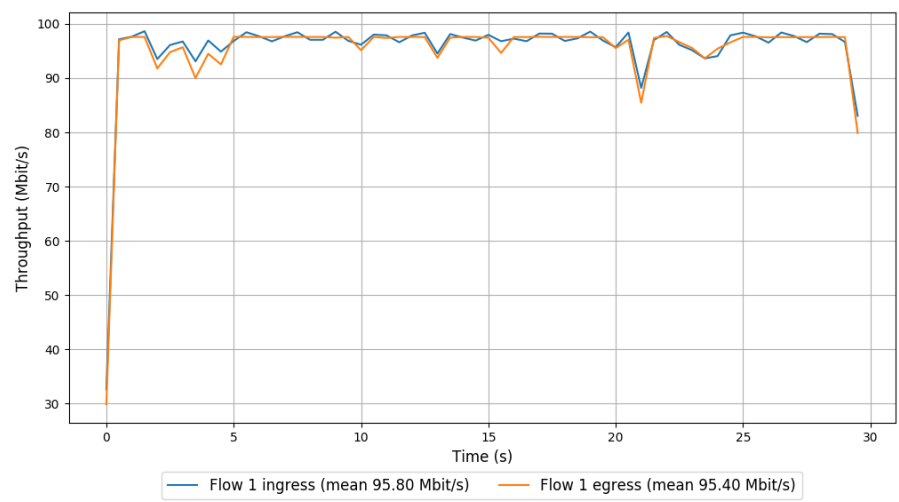
-- Flow 1:

Average throughput: 95.40 Mbit/s

95th percentile per-packet one-way delay: 20.823 ms

Loss rate: 0.48%

Run 1: Report of CalibratedKoho — Data Link



Run 2: Statistics of CalibratedKoho

Start at: Wed, 05 Jul 2017 10:28:24 +0000

End at: Wed, 05 Jul 2017 10:28:54 +0000

Local clock offset: 1.148 ms

Remote clock offset: -17.215 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:44:25 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.83 Mbit/s

95th percentile per-packet one-way delay: 18.761 ms

Loss rate: 0.40%

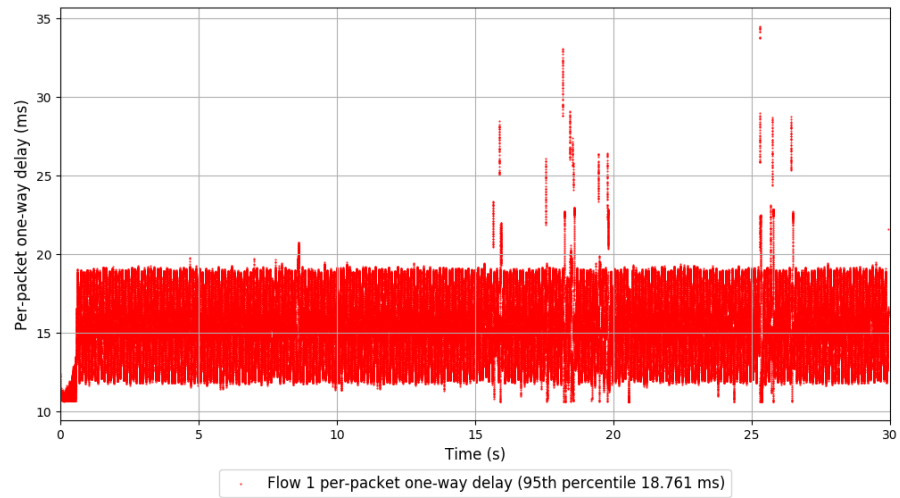
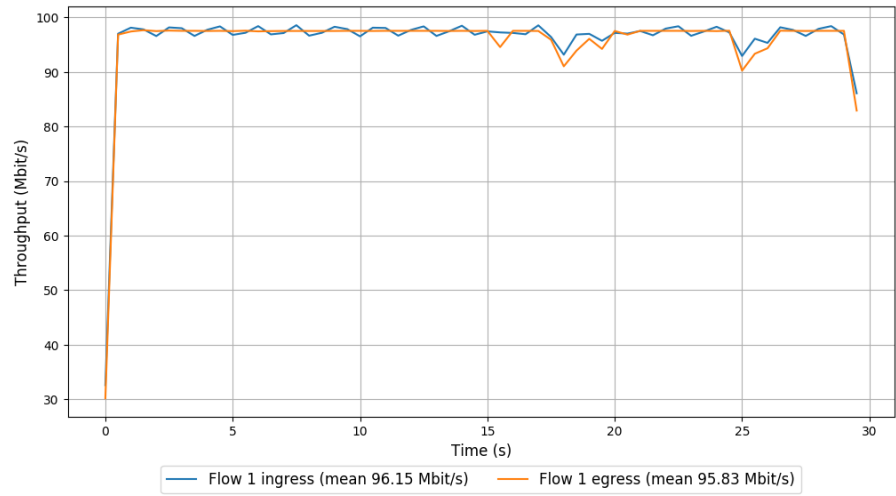
-- Flow 1:

Average throughput: 95.83 Mbit/s

95th percentile per-packet one-way delay: 18.761 ms

Loss rate: 0.40%

Run 2: Report of CalibratedKoho — Data Link



Run 3: Statistics of CalibratedKoho

Start at: Wed, 05 Jul 2017 10:46:27 +0000

End at: Wed, 05 Jul 2017 10:46:57 +0000

Local clock offset: 0.588 ms

Remote clock offset: -19.977 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:44:33 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.24 Mbit/s

95th percentile per-packet one-way delay: 16.759 ms

Loss rate: 0.14%

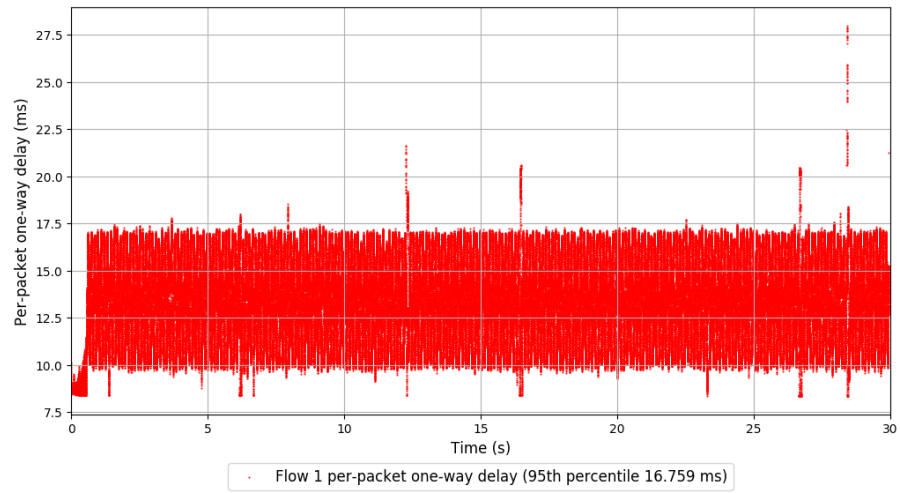
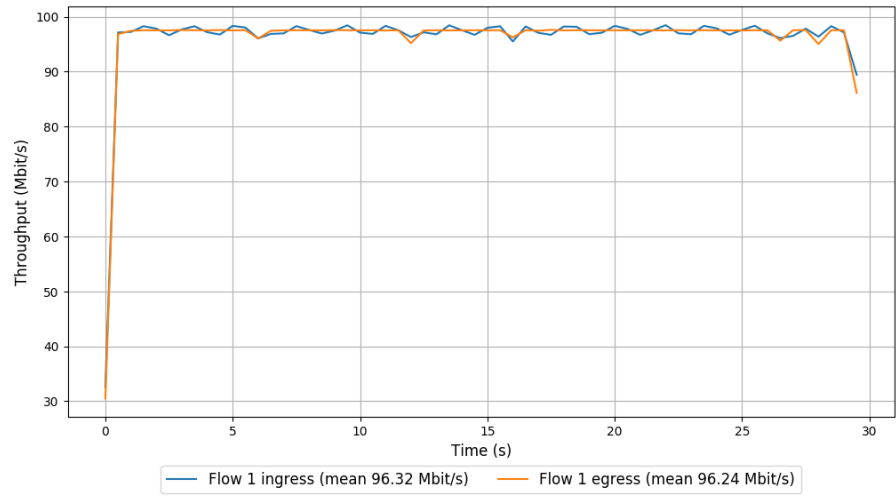
-- Flow 1:

Average throughput: 96.24 Mbit/s

95th percentile per-packet one-way delay: 16.759 ms

Loss rate: 0.14%

Run 3: Report of CalibratedKoho — Data Link



Run 4: Statistics of CalibratedKoho

Start at: Wed, 05 Jul 2017 11:04:36 +0000

End at: Wed, 05 Jul 2017 11:05:06 +0000

Local clock offset: 3.555 ms

Remote clock offset: -21.931 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:44:38 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.29 Mbit/s

95th percentile per-packet one-way delay: 14.809 ms

Loss rate: 0.15%

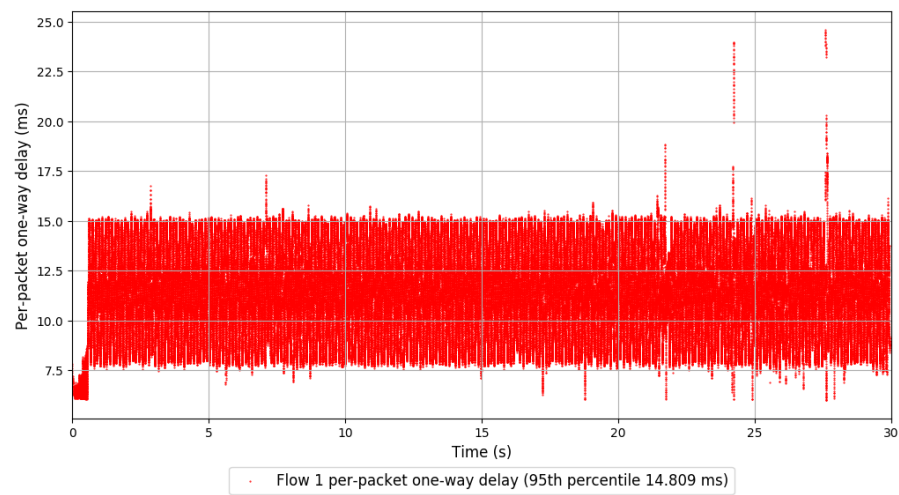
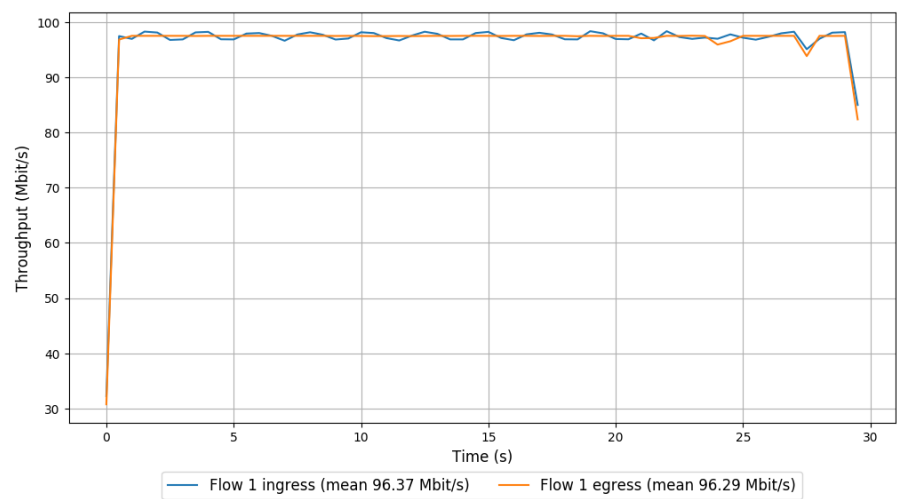
-- Flow 1:

Average throughput: 96.29 Mbit/s

95th percentile per-packet one-way delay: 14.809 ms

Loss rate: 0.15%

Run 4: Report of CalibratedKoho — Data Link



Run 5: Statistics of CalibratedKoho

Start at: Wed, 05 Jul 2017 11:22:25 +0000

End at: Wed, 05 Jul 2017 11:22:55 +0000

Local clock offset: 1.981 ms

Remote clock offset: -24.071 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:44:46 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.25 Mbit/s

95th percentile per-packet one-way delay: 13.718 ms

Loss rate: 0.19%

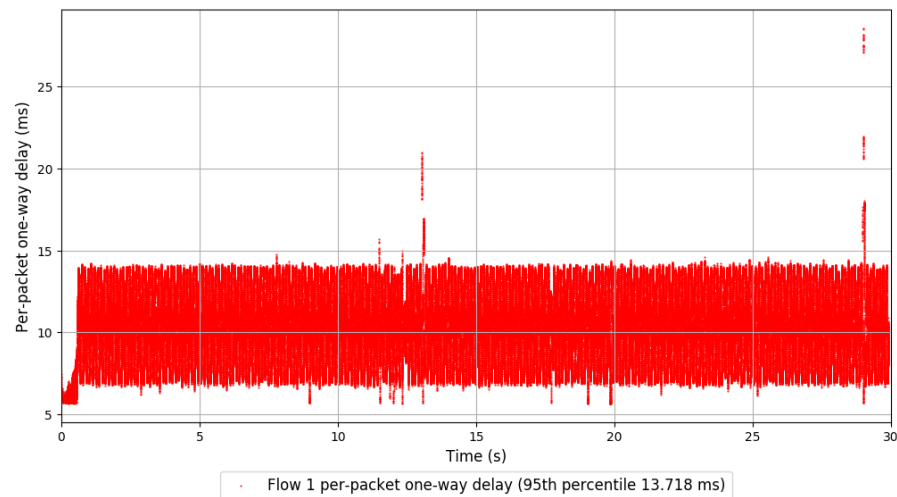
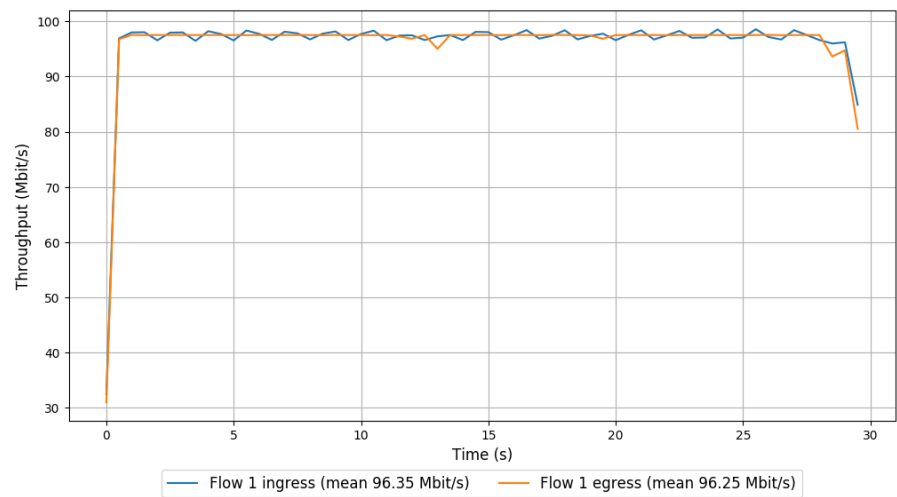
-- Flow 1:

Average throughput: 96.25 Mbit/s

95th percentile per-packet one-way delay: 13.718 ms

Loss rate: 0.19%

Run 5: Report of CalibratedKoho — Data Link



Run 6: Statistics of CalibratedKoho

Start at: Wed, 05 Jul 2017 11:39:59 +0000

End at: Wed, 05 Jul 2017 11:40:29 +0000

Local clock offset: 2.928 ms

Remote clock offset: -22.374 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:44:51 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.09 Mbit/s

95th percentile per-packet one-way delay: 14.746 ms

Loss rate: 0.21%

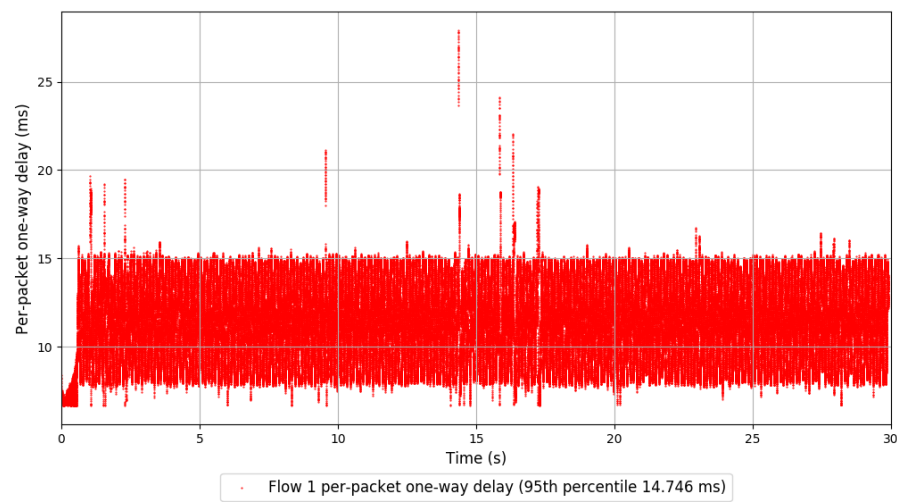
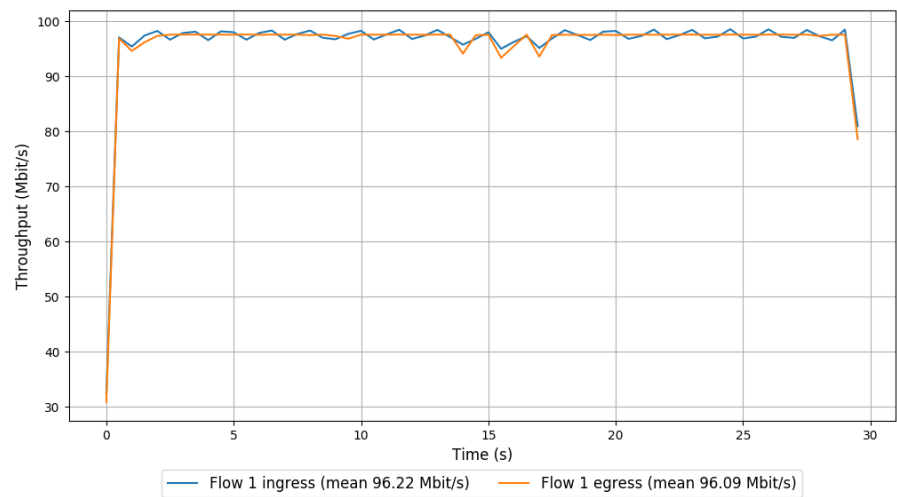
-- Flow 1:

Average throughput: 96.09 Mbit/s

95th percentile per-packet one-way delay: 14.746 ms

Loss rate: 0.21%

Run 6: Report of CalibratedKoho — Data Link



Run 7: Statistics of CalibratedKoho

Start at: Wed, 05 Jul 2017 11:58:19 +0000

End at: Wed, 05 Jul 2017 11:58:49 +0000

Local clock offset: 1.53 ms

Remote clock offset: -39.258 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:45:02 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.20 Mbit/s

95th percentile per-packet one-way delay: 15.752 ms

Loss rate: 0.18%

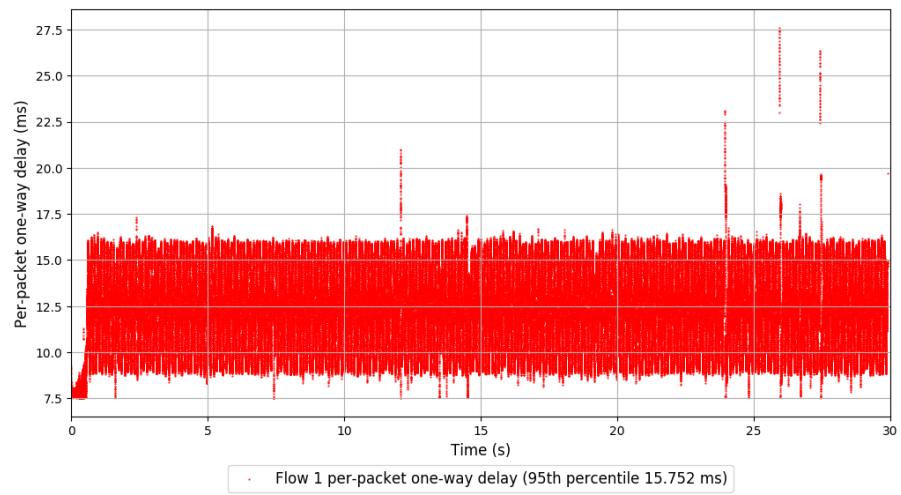
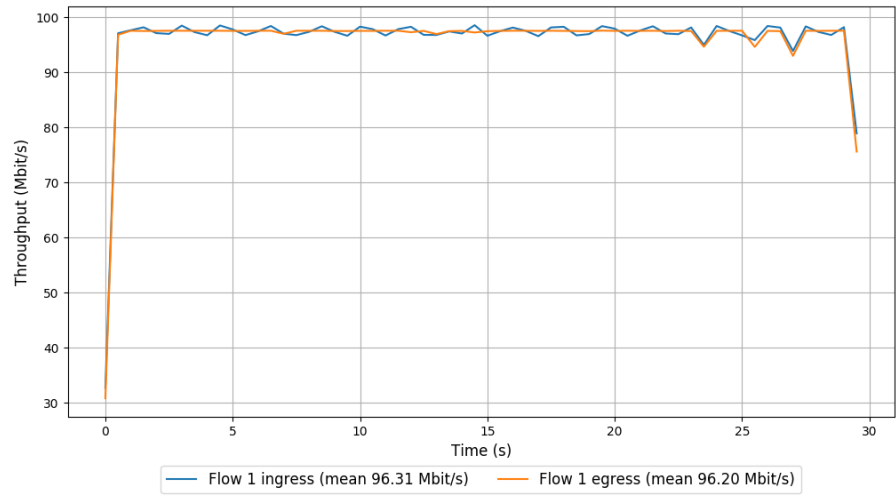
-- Flow 1:

Average throughput: 96.20 Mbit/s

95th percentile per-packet one-way delay: 15.752 ms

Loss rate: 0.18%

Run 7: Report of CalibratedKoho — Data Link



Run 8: Statistics of CalibratedKoho

Start at: Wed, 05 Jul 2017 12:16:06 +0000

End at: Wed, 05 Jul 2017 12:16:36 +0000

Local clock offset: 0.144 ms

Remote clock offset: -37.911 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:45:04 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.18 Mbit/s

95th percentile per-packet one-way delay: 17.776 ms

Loss rate: 0.22%

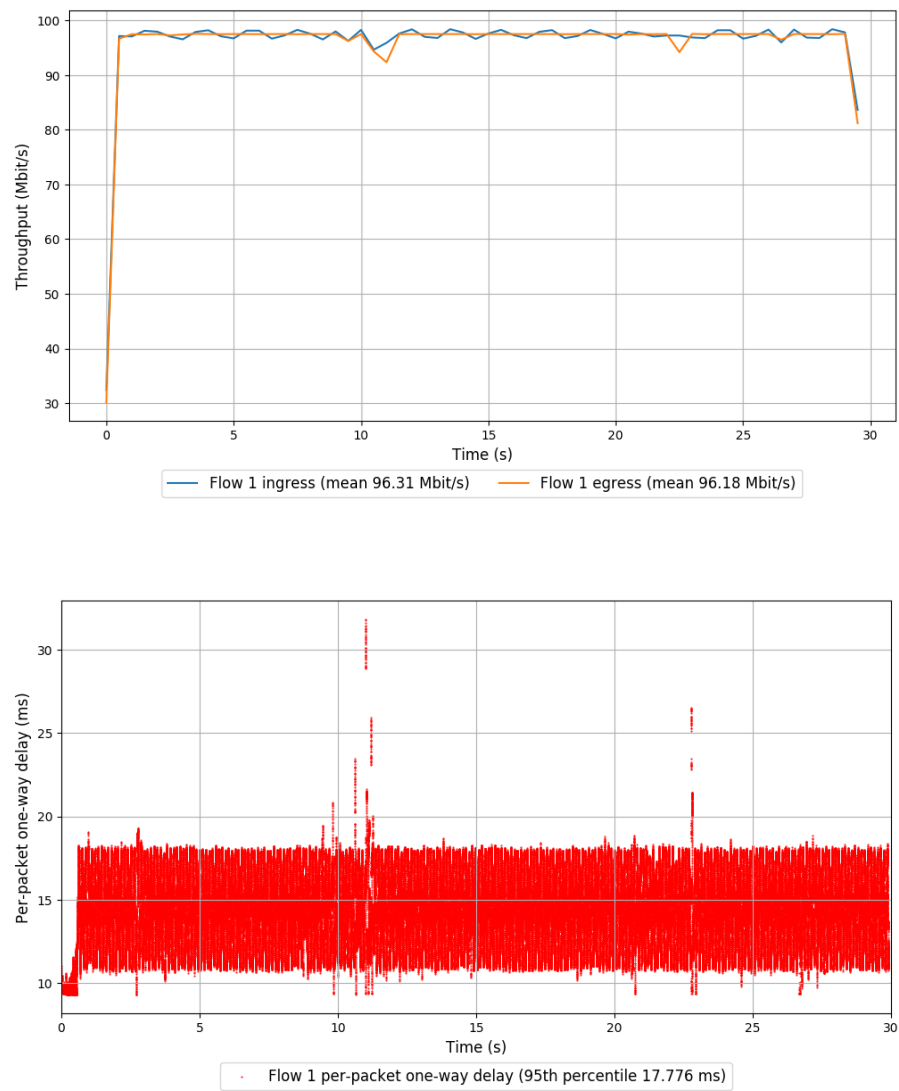
-- Flow 1:

Average throughput: 96.18 Mbit/s

95th percentile per-packet one-way delay: 17.776 ms

Loss rate: 0.22%

Run 8: Report of CalibratedKoho — Data Link



Run 9: Statistics of CalibratedKoho

Start at: Wed, 05 Jul 2017 12:33:49 +0000

End at: Wed, 05 Jul 2017 12:34:19 +0000

Local clock offset: -5.448 ms

Remote clock offset: -36.93 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:45:15 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.12 Mbit/s

95th percentile per-packet one-way delay: 20.761 ms

Loss rate: 0.23%

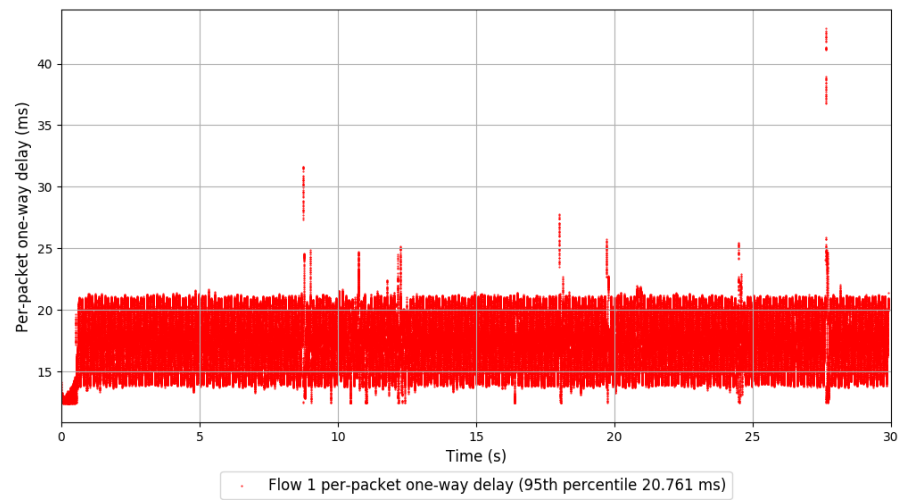
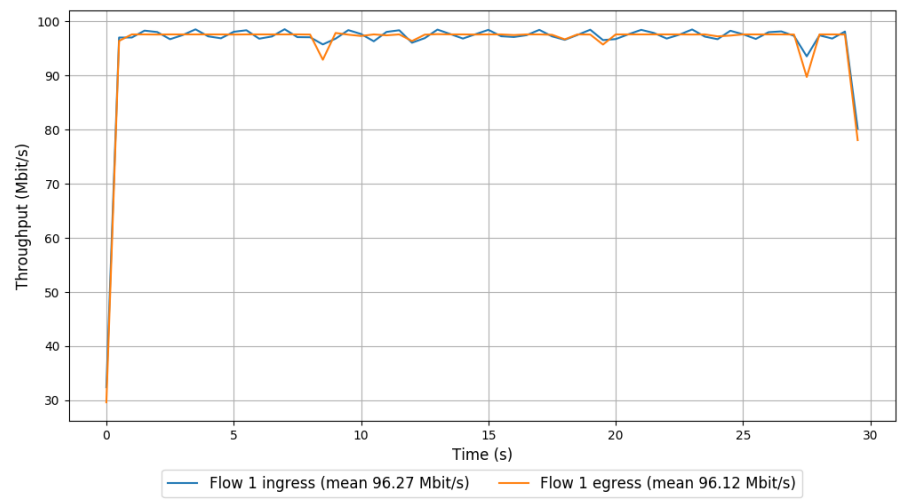
-- Flow 1:

Average throughput: 96.12 Mbit/s

95th percentile per-packet one-way delay: 20.761 ms

Loss rate: 0.23%

Run 9: Report of CalibratedKoho — Data Link



Run 10: Statistics of CalibratedKoho

Start at: Wed, 05 Jul 2017 12:51:23 +0000

End at: Wed, 05 Jul 2017 12:51:53 +0000

Local clock offset: 2.17 ms

Remote clock offset: -32.913 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:45:17 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.87 Mbit/s

95th percentile per-packet one-way delay: 23.849 ms

Loss rate: 0.33%

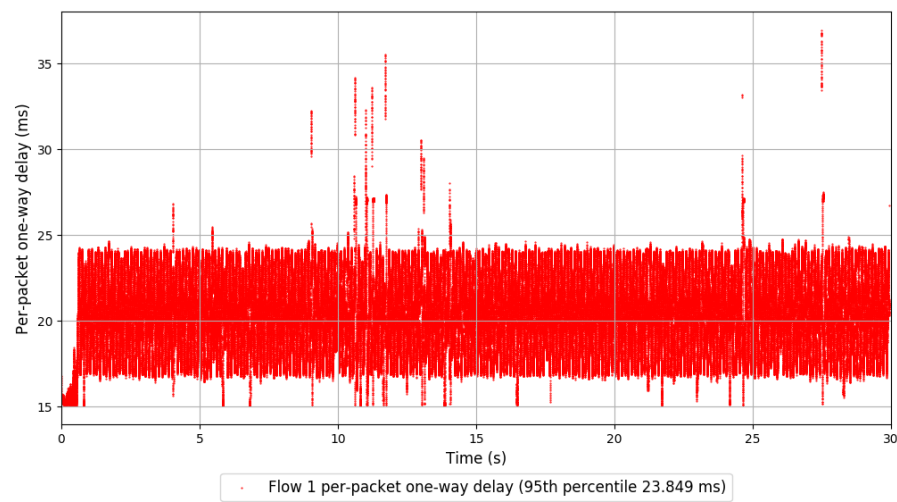
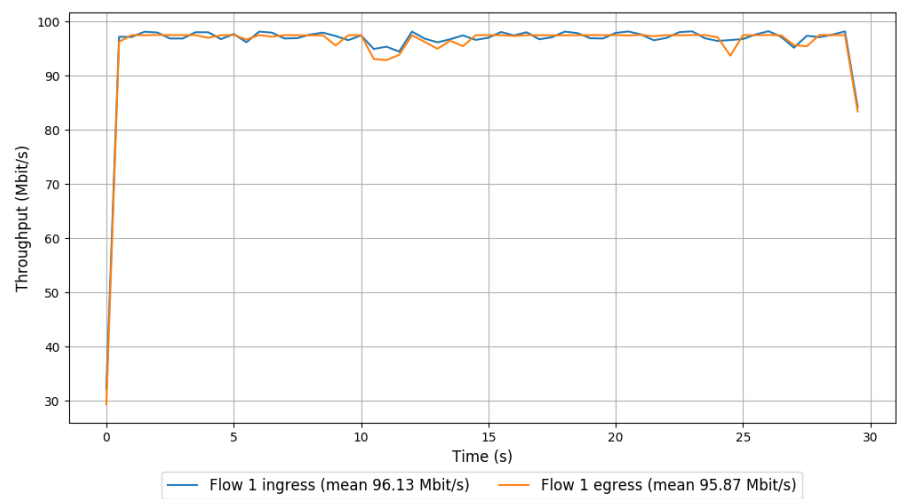
-- Flow 1:

Average throughput: 95.87 Mbit/s

95th percentile per-packet one-way delay: 23.849 ms

Loss rate: 0.33%

Run 10: Report of CalibratedKoho — Data Link



Run 1: Statistics of Copa

Start at: Wed, 05 Jul 2017 10:14:31 +0000

End at: Wed, 05 Jul 2017 10:15:01 +0000

Local clock offset: 2.446 ms

Remote clock offset: -18.15 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:45:28 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 52.57 Mbit/s

95th percentile per-packet one-way delay: 12.506 ms

Loss rate: 0.15%

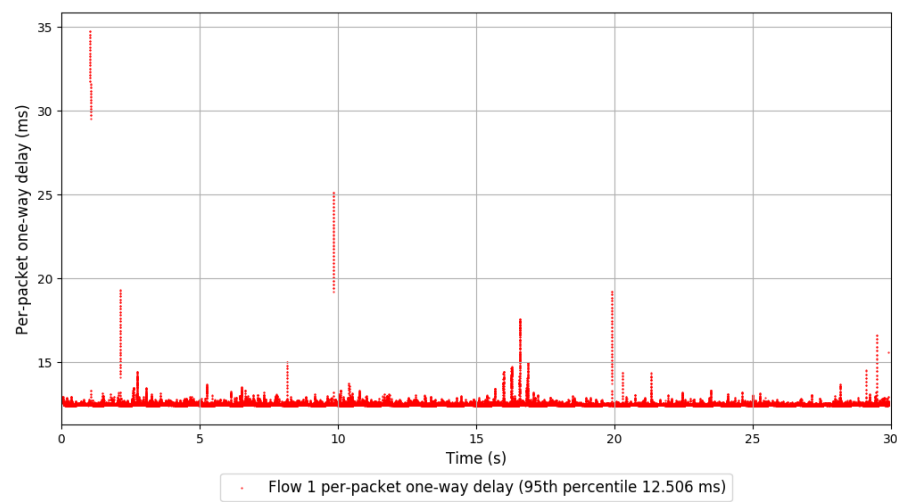
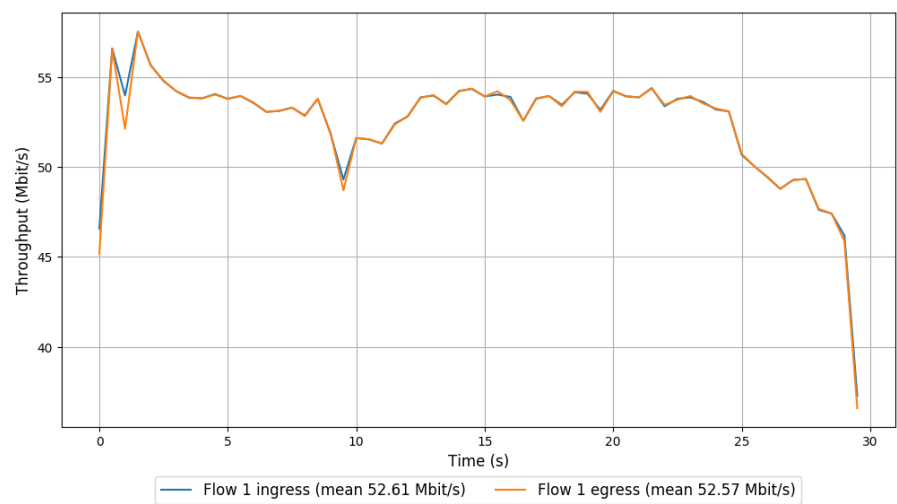
-- Flow 1:

Average throughput: 52.57 Mbit/s

95th percentile per-packet one-way delay: 12.506 ms

Loss rate: 0.15%

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: Wed, 05 Jul 2017 10:32:21 +0000

End at: Wed, 05 Jul 2017 10:32:51 +0000

Local clock offset: 0.892 ms

Remote clock offset: -18.361 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:45:29 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 51.38 Mbit/s

95th percentile per-packet one-way delay: 10.362 ms

Loss rate: 0.35%

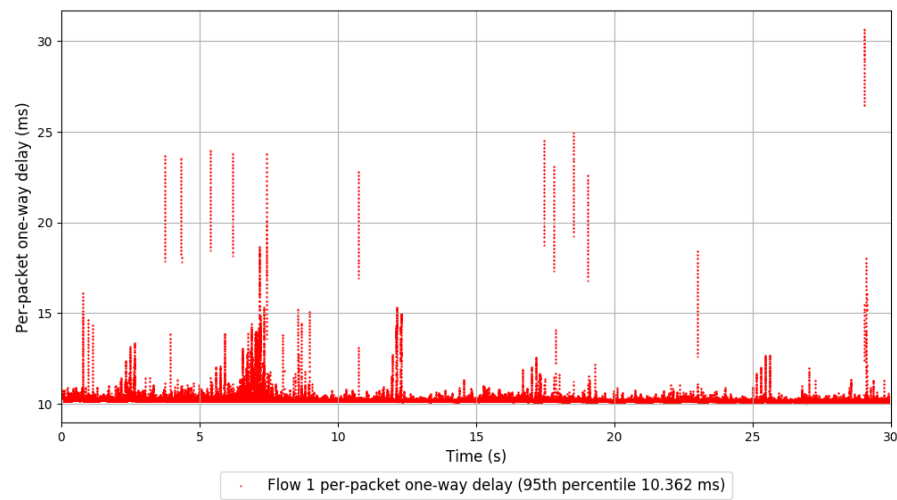
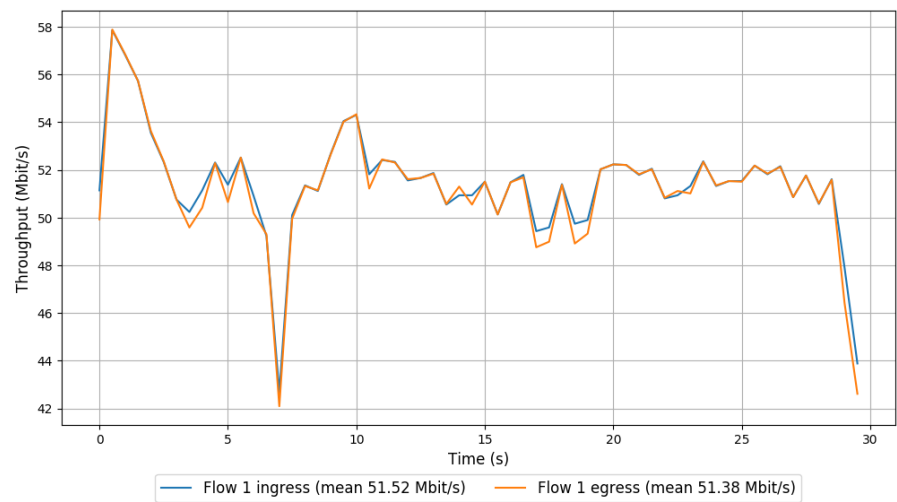
-- Flow 1:

Average throughput: 51.38 Mbit/s

95th percentile per-packet one-way delay: 10.362 ms

Loss rate: 0.35%

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

Start at: Wed, 05 Jul 2017 10:50:21 +0000

End at: Wed, 05 Jul 2017 10:50:51 +0000

Local clock offset: 3.349 ms

Remote clock offset: -21.589 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:45:42 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 53.56 Mbit/s

95th percentile per-packet one-way delay: 8.066 ms

Loss rate: 0.09%

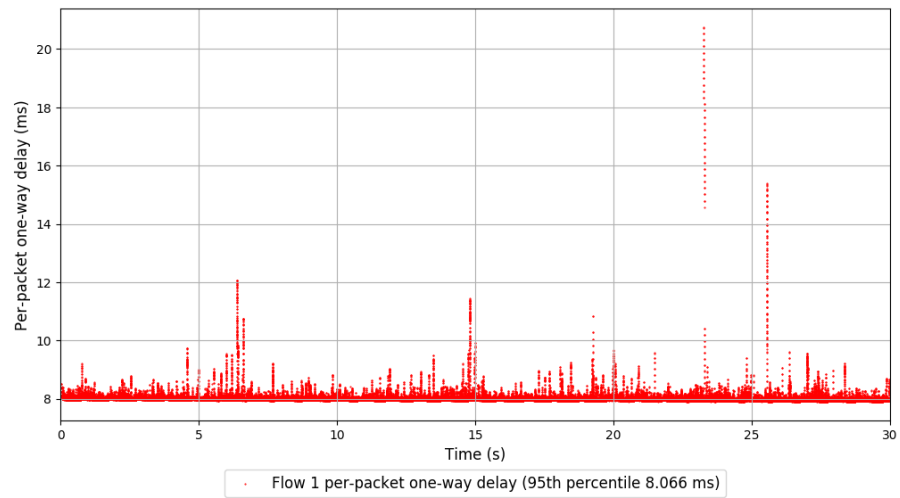
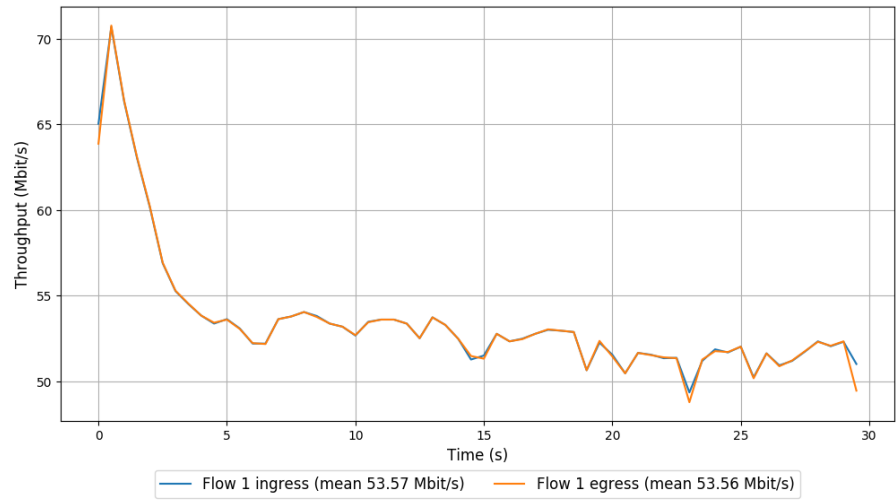
-- Flow 1:

Average throughput: 53.56 Mbit/s

95th percentile per-packet one-way delay: 8.066 ms

Loss rate: 0.09%

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: Wed, 05 Jul 2017 11:08:16 +0000

End at: Wed, 05 Jul 2017 11:08:46 +0000

Local clock offset: 3.601 ms

Remote clock offset: -24.258 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:45:43 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 53.52 Mbit/s

95th percentile per-packet one-way delay: 5.639 ms

Loss rate: 0.32%

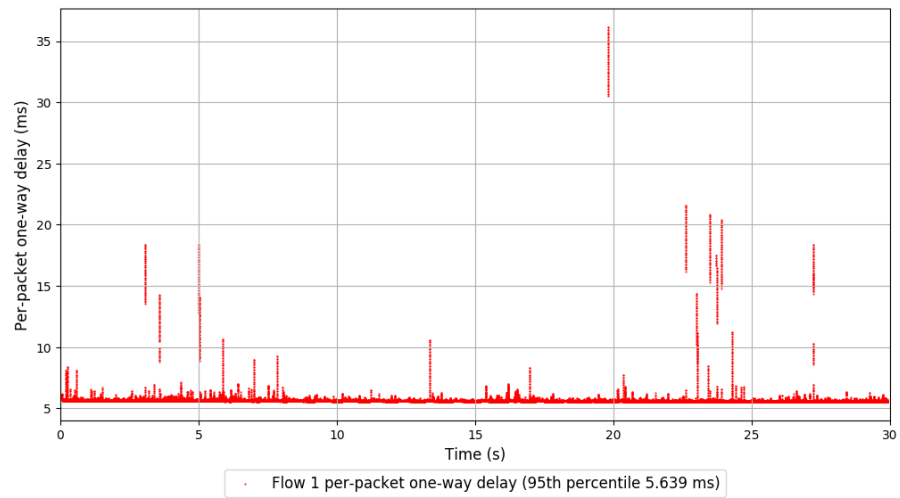
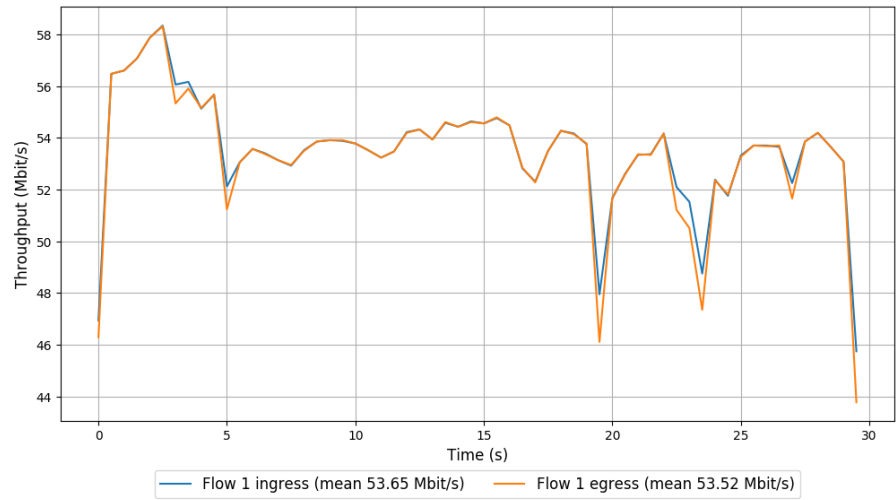
-- Flow 1:

Average throughput: 53.52 Mbit/s

95th percentile per-packet one-way delay: 5.639 ms

Loss rate: 0.32%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: Wed, 05 Jul 2017 11:26:08 +0000

End at: Wed, 05 Jul 2017 11:26:38 +0000

Local clock offset: 1.812 ms

Remote clock offset: -22.567 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:45:55 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 54.31 Mbit/s

95th percentile per-packet one-way delay: 5.752 ms

Loss rate: 0.10%

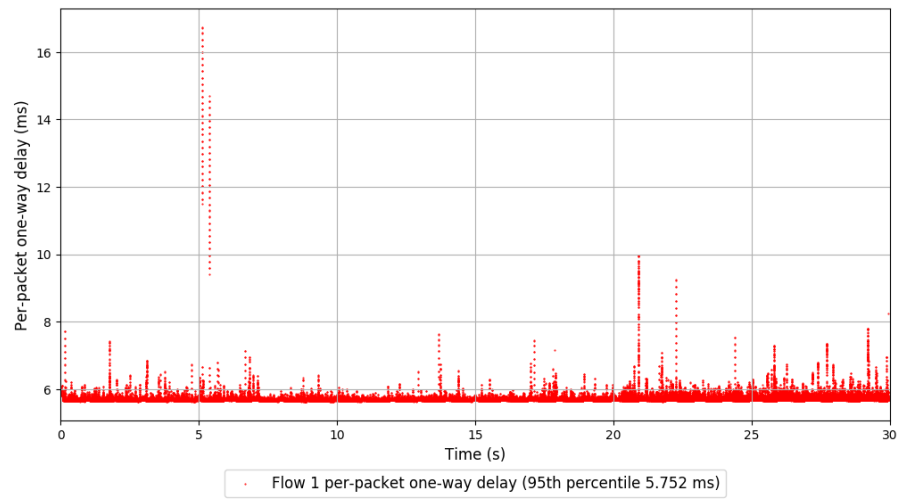
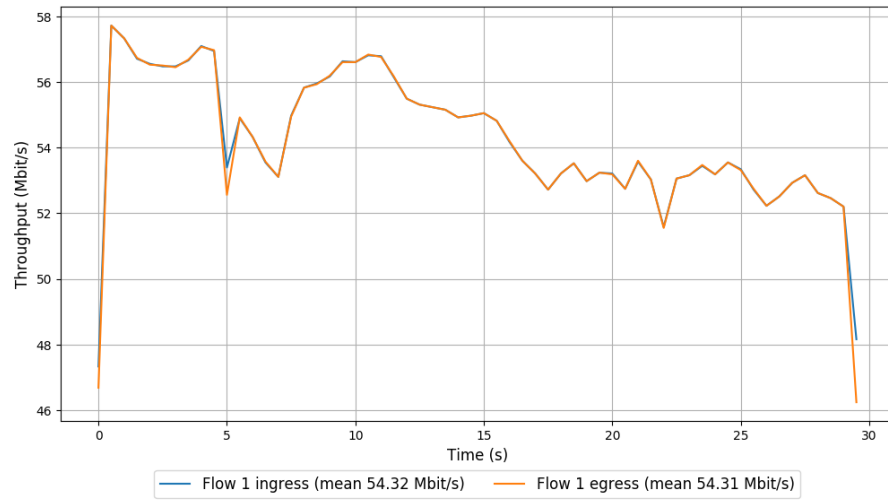
-- Flow 1:

Average throughput: 54.31 Mbit/s

95th percentile per-packet one-way delay: 5.752 ms

Loss rate: 0.10%

Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: Wed, 05 Jul 2017 11:43:57 +0000

End at: Wed, 05 Jul 2017 11:44:27 +0000

Local clock offset: 4.144 ms

Remote clock offset: -21.015 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:45:56 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 54.76 Mbit/s

95th percentile per-packet one-way delay: 28.783 ms

Loss rate: 0.19%

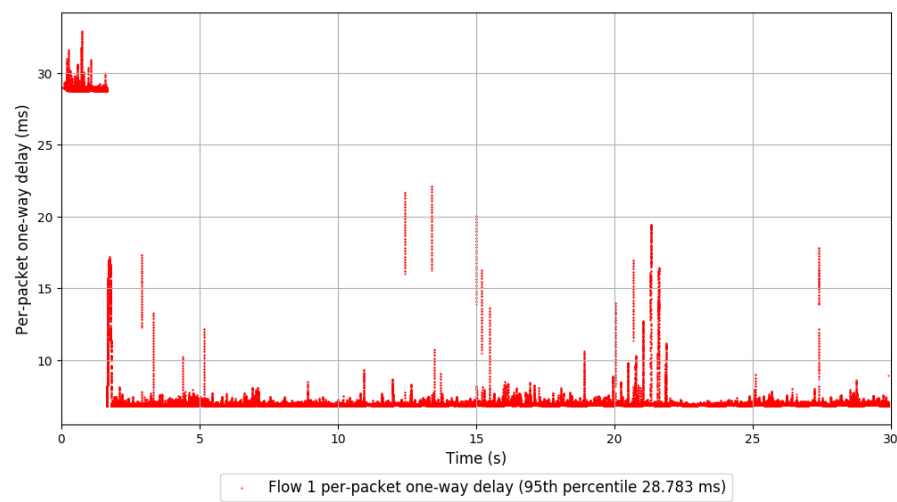
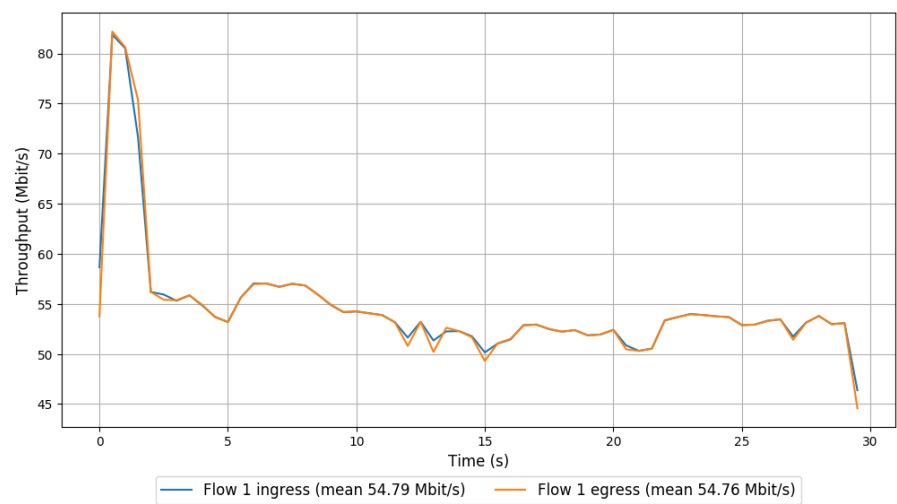
-- Flow 1:

Average throughput: 54.76 Mbit/s

95th percentile per-packet one-way delay: 28.783 ms

Loss rate: 0.19%

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

Start at: Wed, 05 Jul 2017 12:02:11 +0000

End at: Wed, 05 Jul 2017 12:02:41 +0000

Local clock offset: 2.687 ms

Remote clock offset: -39.149 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:46:09 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 54.48 Mbit/s

95th percentile per-packet one-way delay: 7.735 ms

Loss rate: 0.14%

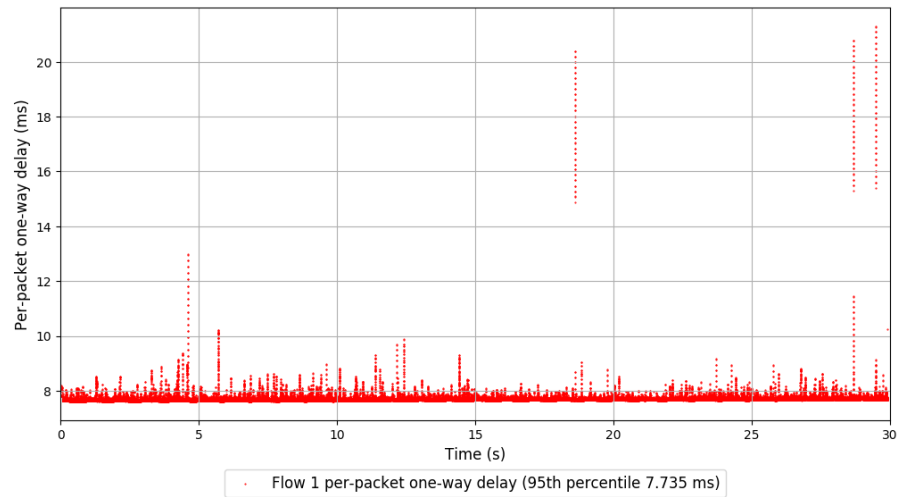
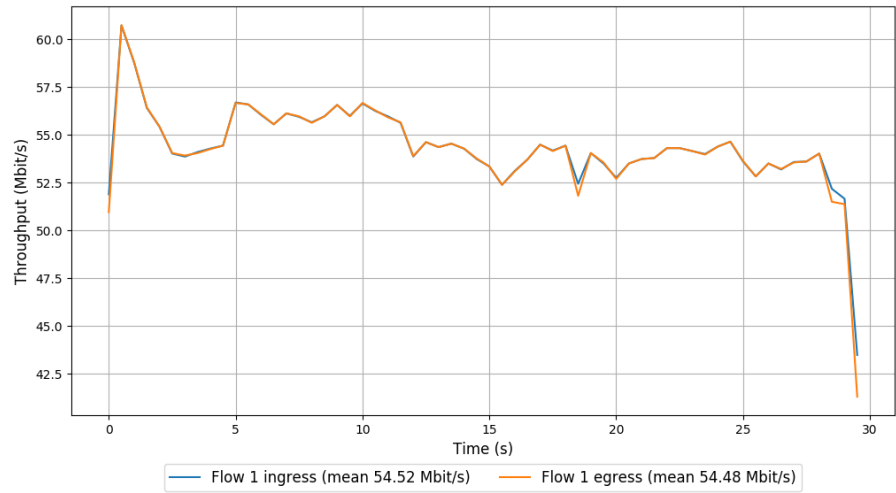
-- Flow 1:

Average throughput: 54.48 Mbit/s

95th percentile per-packet one-way delay: 7.735 ms

Loss rate: 0.14%

Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

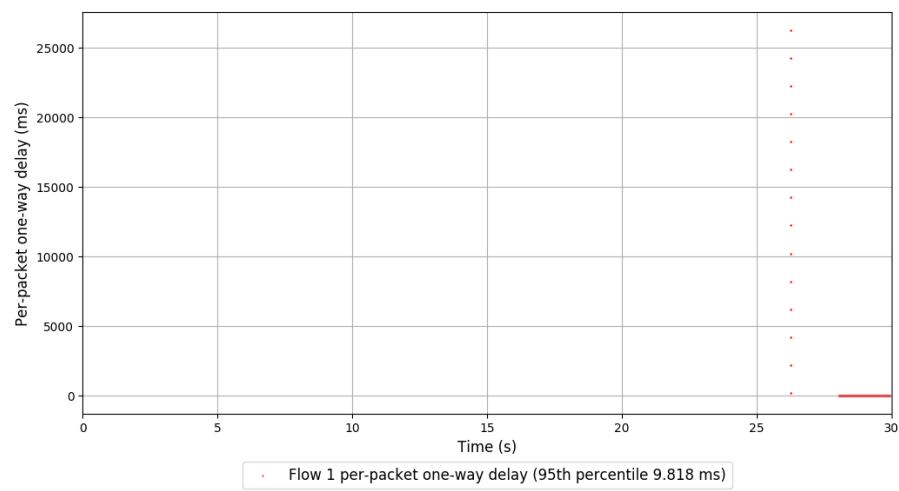
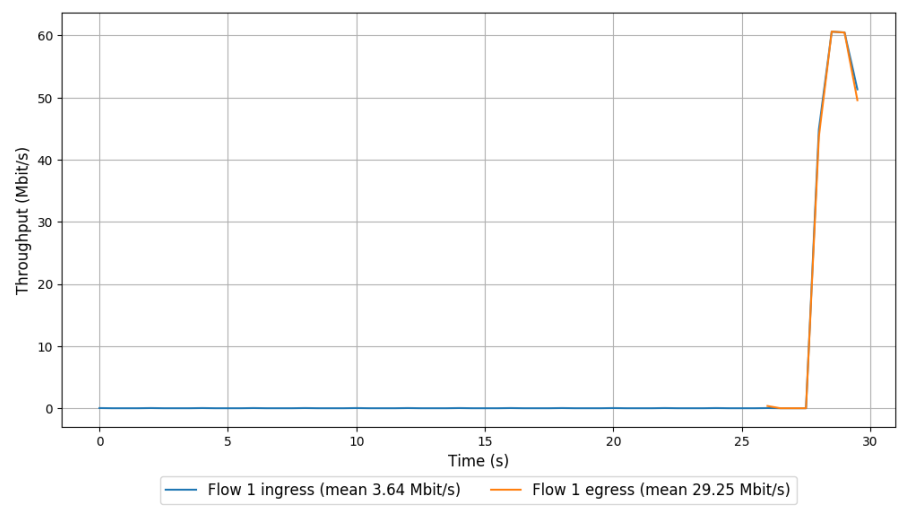
Start at: Wed, 05 Jul 2017 12:20:04 +0000

End at: Wed, 05 Jul 2017 12:20:34 +0000

Local clock offset: 0.379 ms

Remote clock offset: -36.5 ms

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: Wed, 05 Jul 2017 12:37:37 +0000

End at: Wed, 05 Jul 2017 12:38:08 +0000

Local clock offset: 0.222 ms

Remote clock offset: -33.96 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:46:10 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 52.36 Mbit/s

95th percentile per-packet one-way delay: 13.202 ms

Loss rate: 0.24%

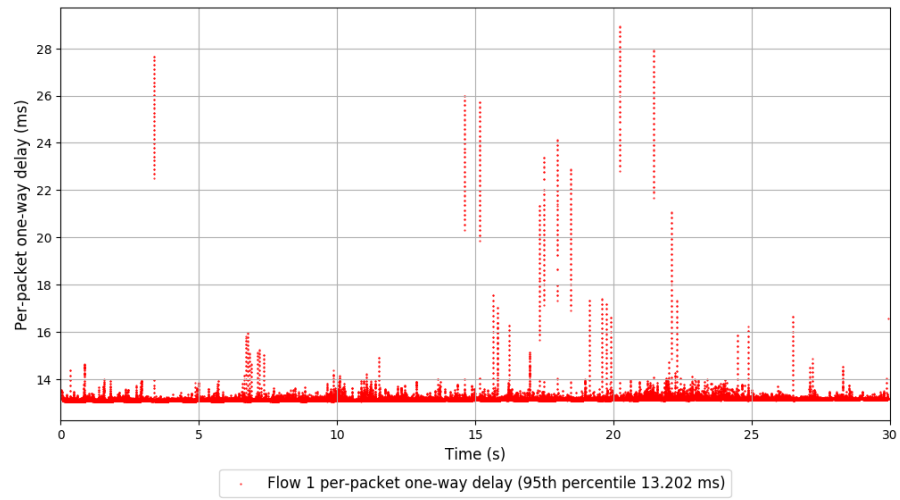
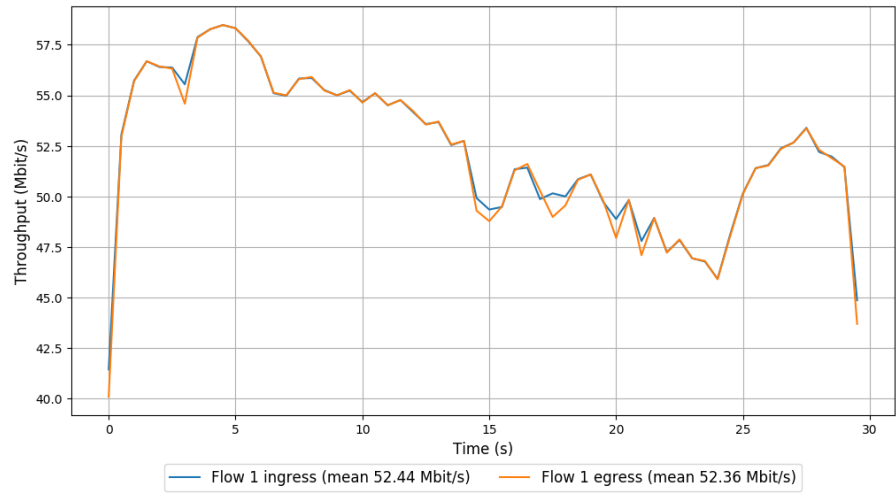
-- Flow 1:

Average throughput: 52.36 Mbit/s

95th percentile per-packet one-way delay: 13.202 ms

Loss rate: 0.24%

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: Wed, 05 Jul 2017 12:55:10 +0000

End at: Wed, 05 Jul 2017 12:55:40 +0000

Local clock offset: 2.07 ms

Remote clock offset: -31.666 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:46:22 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 54.90 Mbit/s

95th percentile per-packet one-way delay: 15.721 ms

Loss rate: 0.11%

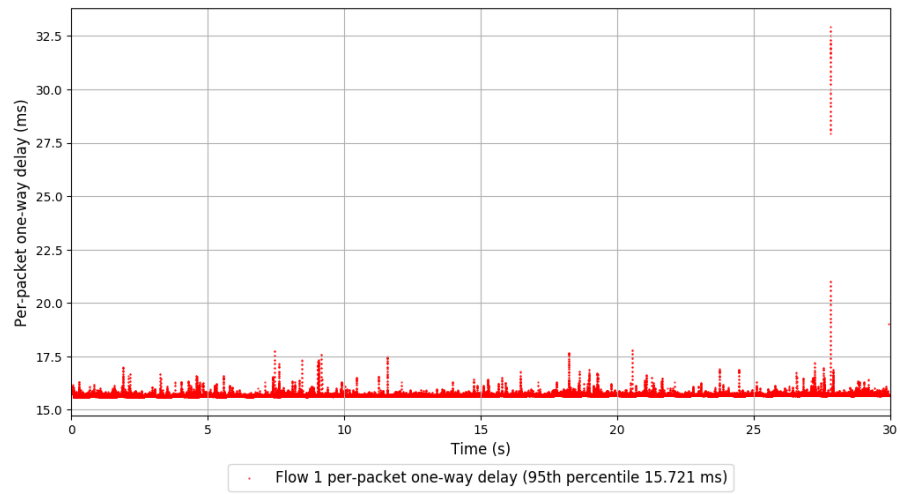
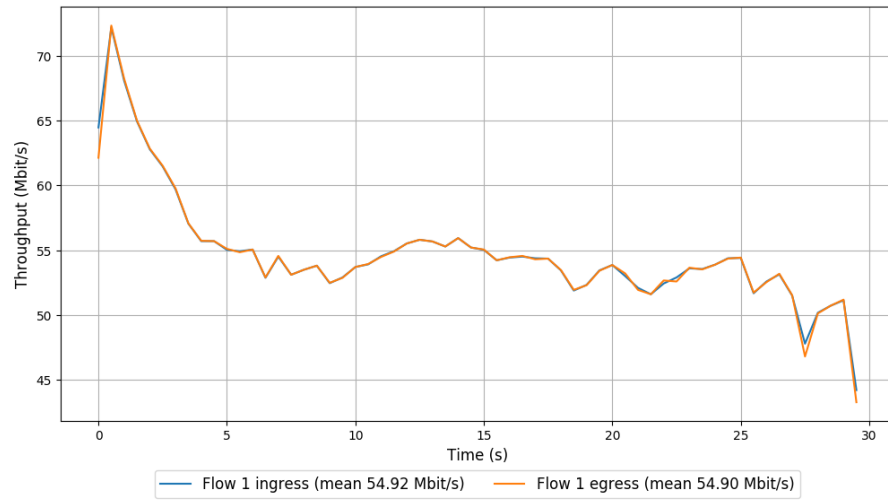
-- Flow 1:

Average throughput: 54.90 Mbit/s

95th percentile per-packet one-way delay: 15.721 ms

Loss rate: 0.11%

Run 10: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

Start at: Wed, 05 Jul 2017 10:18:06 +0000

End at: Wed, 05 Jul 2017 10:18:36 +0000

Local clock offset: 3.273 ms

Remote clock offset: -17.108 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:46:24 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.66 Mbit/s

95th percentile per-packet one-way delay: 24.365 ms

Loss rate: 0.31%

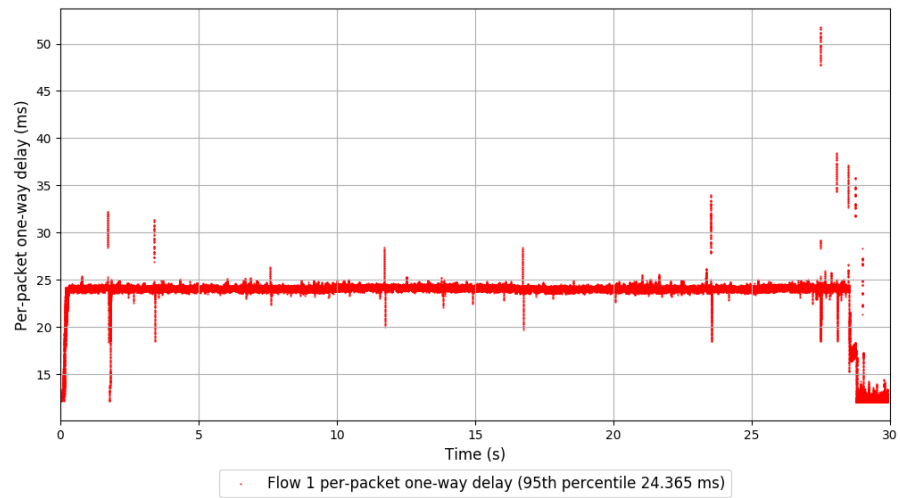
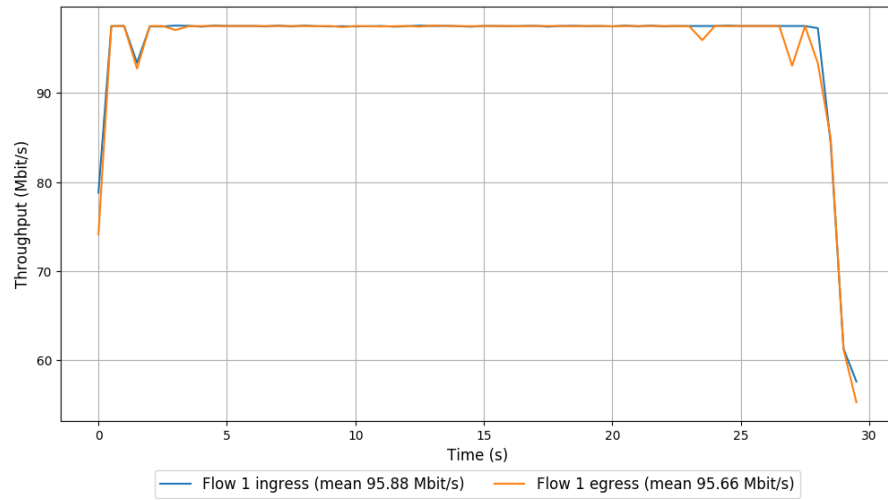
-- Flow 1:

Average throughput: 95.66 Mbit/s

95th percentile per-packet one-way delay: 24.365 ms

Loss rate: 0.31%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

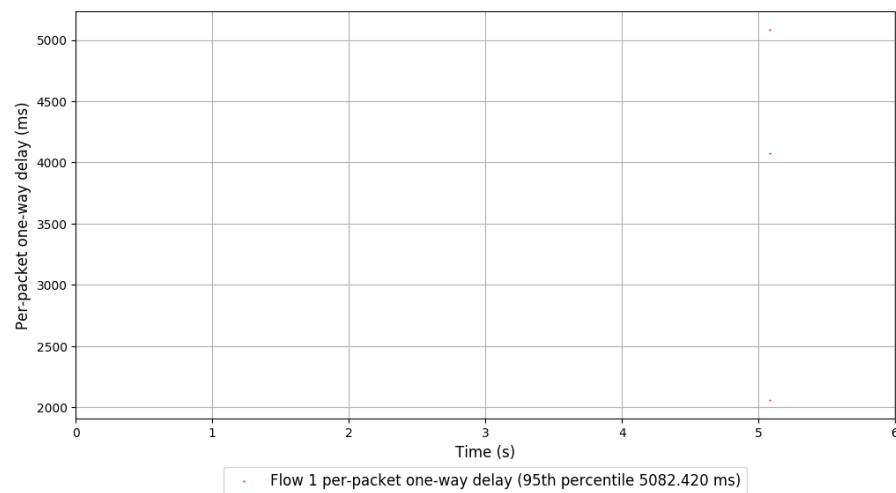
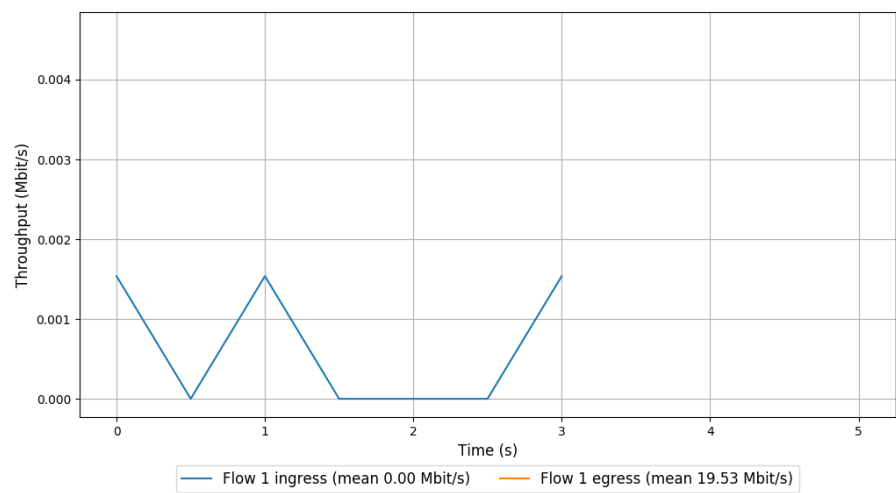
Start at: Wed, 05 Jul 2017 10:36:00 +0000

End at: Wed, 05 Jul 2017 10:36:30 +0000

Local clock offset: 4.136 ms

Remote clock offset: -20.155 ms

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: Wed, 05 Jul 2017 10:54:10 +0000

End at: Wed, 05 Jul 2017 10:54:40 +0000

Local clock offset: 0.55 ms

Remote clock offset: -20.65 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:46:36 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.77 Mbit/s

95th percentile per-packet one-way delay: 19.679 ms

Loss rate: 0.27%

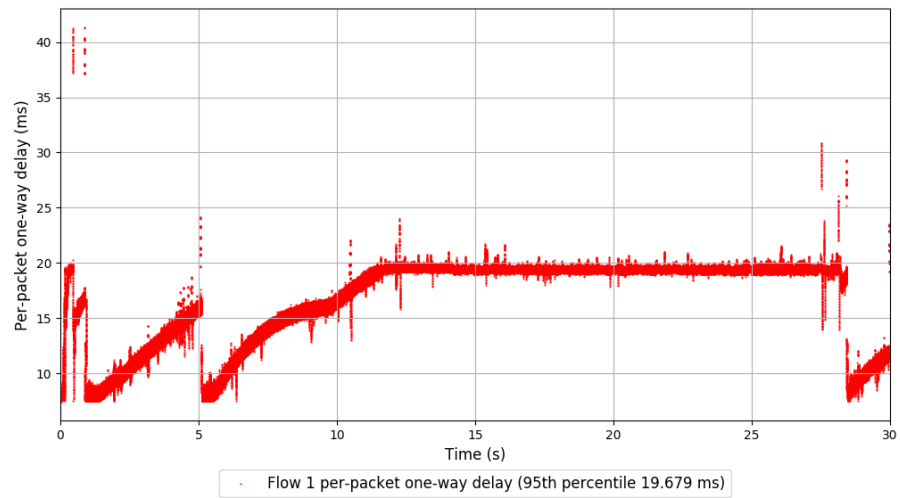
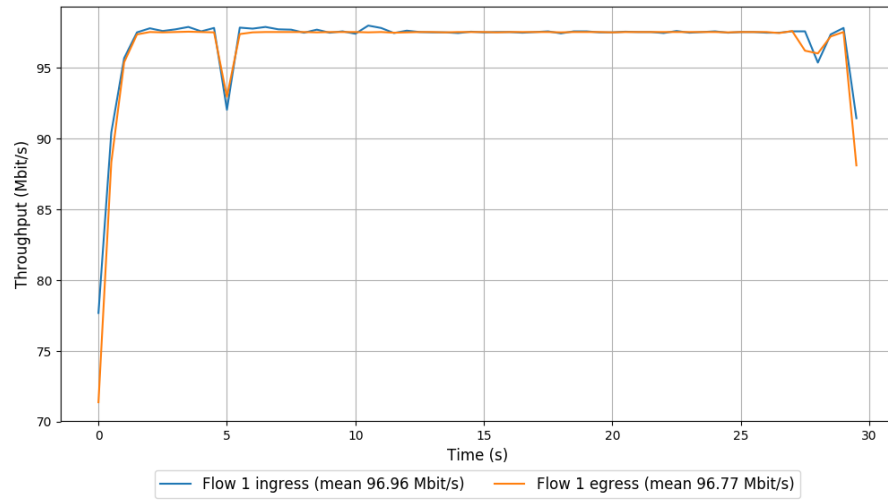
-- Flow 1:

Average throughput: 96.77 Mbit/s

95th percentile per-packet one-way delay: 19.679 ms

Loss rate: 0.27%

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: Wed, 05 Jul 2017 11:11:57 +0000

End at: Wed, 05 Jul 2017 11:12:27 +0000

Local clock offset: 4.414 ms

Remote clock offset: -23.318 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:46:36 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.04 Mbit/s

95th percentile per-packet one-way delay: 17.809 ms

Loss rate: 0.30%

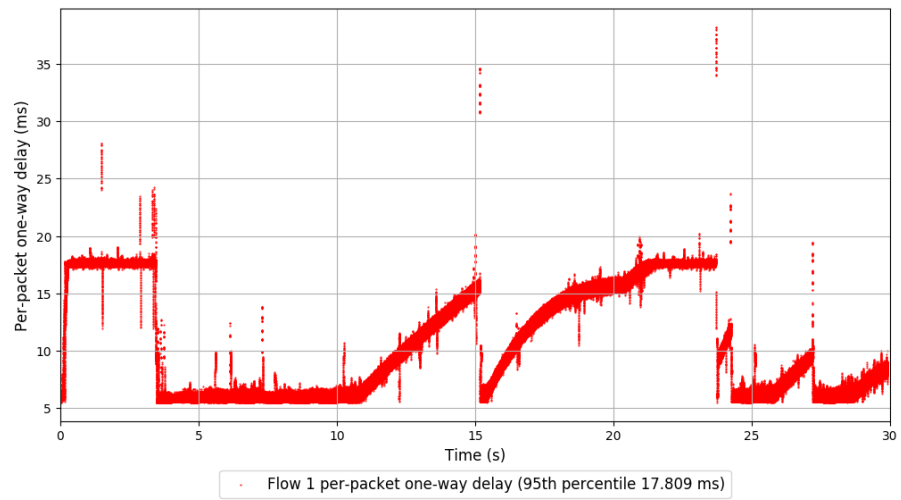
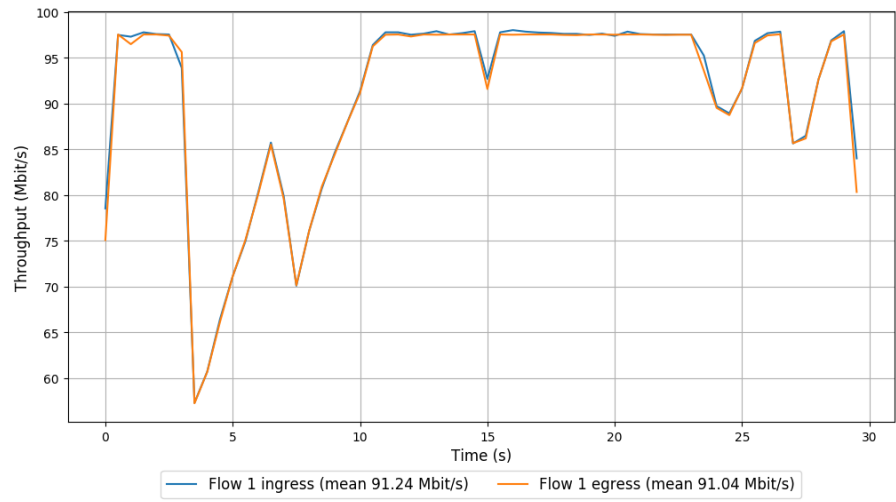
-- Flow 1:

Average throughput: 91.04 Mbit/s

95th percentile per-packet one-way delay: 17.809 ms

Loss rate: 0.30%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: Wed, 05 Jul 2017 11:29:43 +0000

End at: Wed, 05 Jul 2017 11:30:13 +0000

Local clock offset: 1.28 ms

Remote clock offset: -23.762 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:46:48 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.93 Mbit/s

95th percentile per-packet one-way delay: 18.137 ms

Loss rate: 0.24%

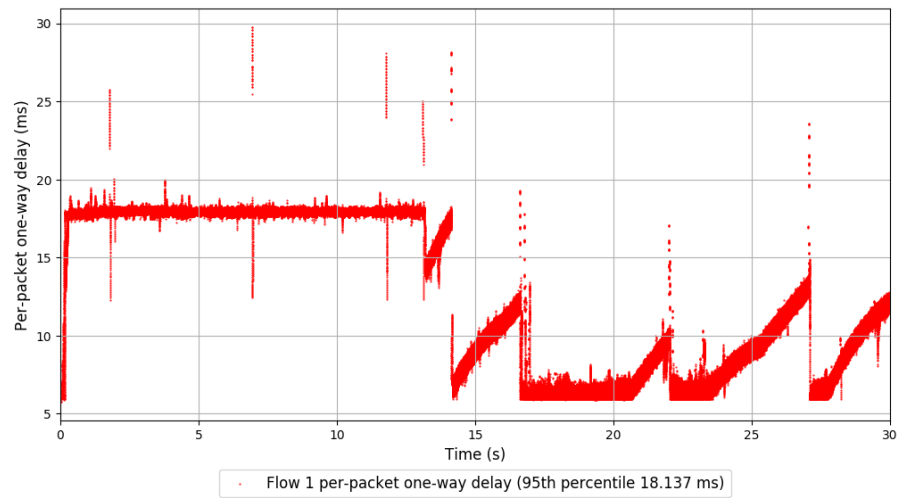
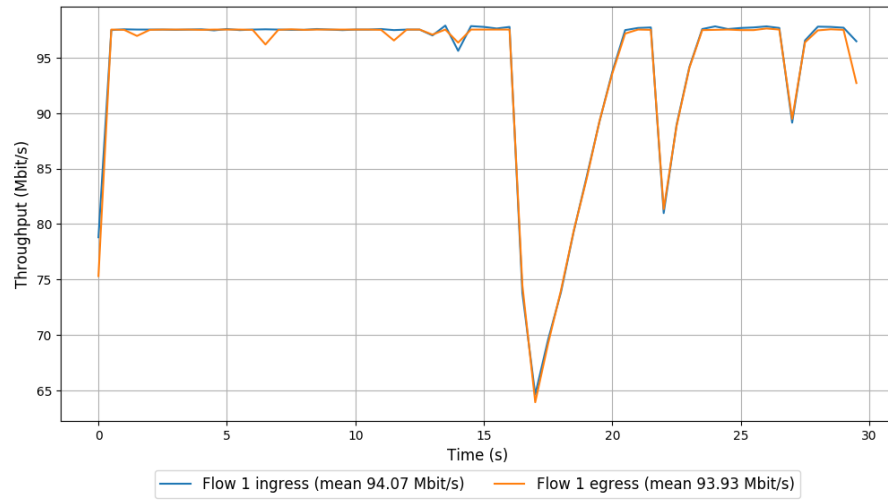
-- Flow 1:

Average throughput: 93.93 Mbit/s

95th percentile per-packet one-way delay: 18.137 ms

Loss rate: 0.24%

Run 5: Report of TCP Cubic — Data Link



Run 6: Statistics of TCP Cubic

Start at: Wed, 05 Jul 2017 11:47:36 +0000

End at: Wed, 05 Jul 2017 11:48:06 +0000

Local clock offset: 0.739 ms

Remote clock offset: -38.215 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:46:49 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.21 Mbit/s

95th percentile per-packet one-way delay: 19.349 ms

Loss rate: 0.23%

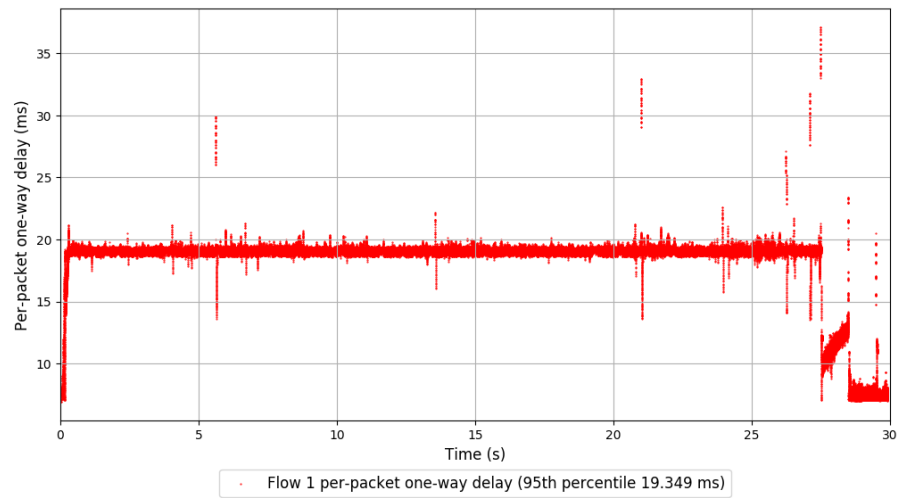
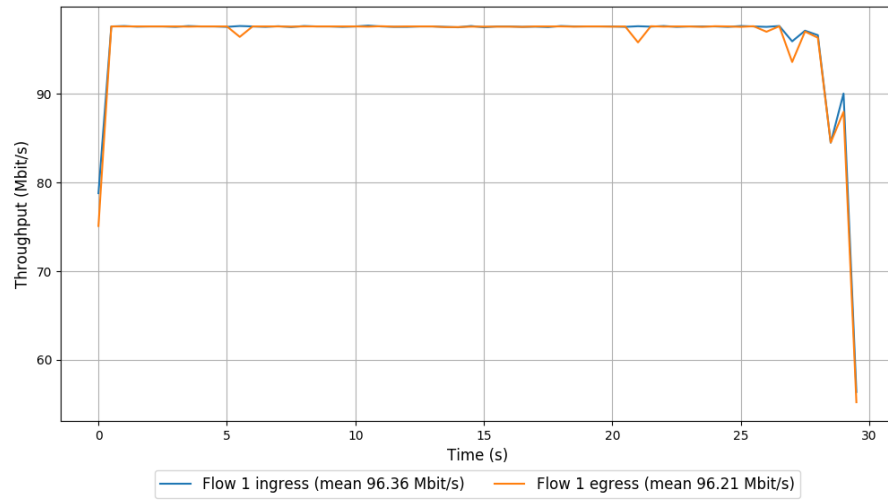
-- Flow 1:

Average throughput: 96.21 Mbit/s

95th percentile per-packet one-way delay: 19.349 ms

Loss rate: 0.23%

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: Wed, 05 Jul 2017 12:05:48 +0000

End at: Wed, 05 Jul 2017 12:06:18 +0000

Local clock offset: 0.355 ms

Remote clock offset: -38.916 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:47:00 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.81 Mbit/s

95th percentile per-packet one-way delay: 20.253 ms

Loss rate: 0.38%

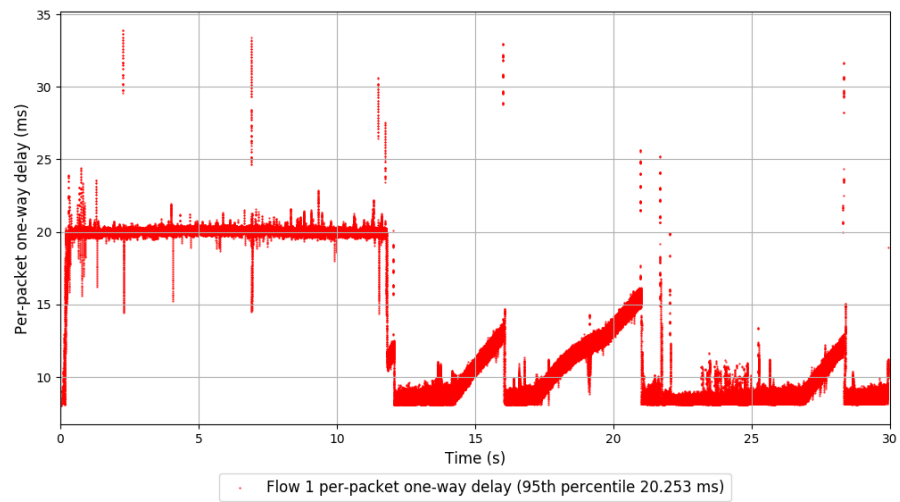
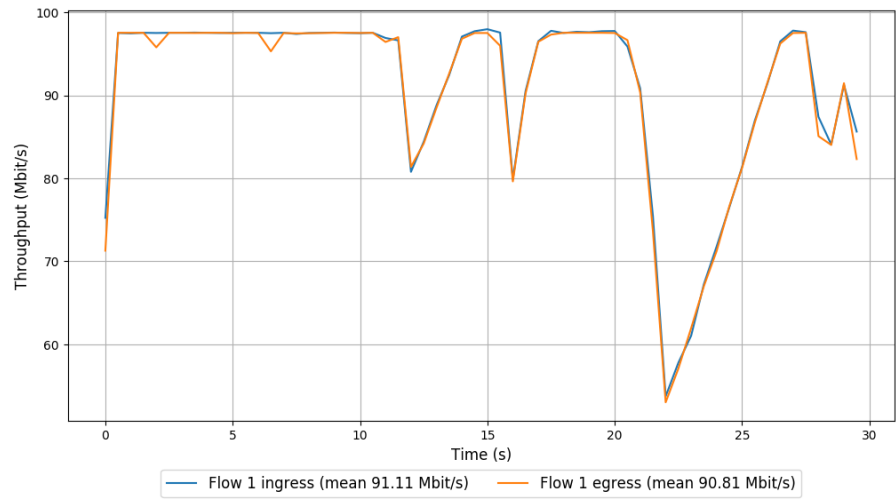
-- Flow 1:

Average throughput: 90.81 Mbit/s

95th percentile per-packet one-way delay: 20.253 ms

Loss rate: 0.38%

Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: Wed, 05 Jul 2017 12:23:27 +0000

End at: Wed, 05 Jul 2017 12:23:57 +0000

Local clock offset: 1.898 ms

Remote clock offset: -37.774 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:47:02 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.03 Mbit/s

95th percentile per-packet one-way delay: 22.632 ms

Loss rate: 0.22%

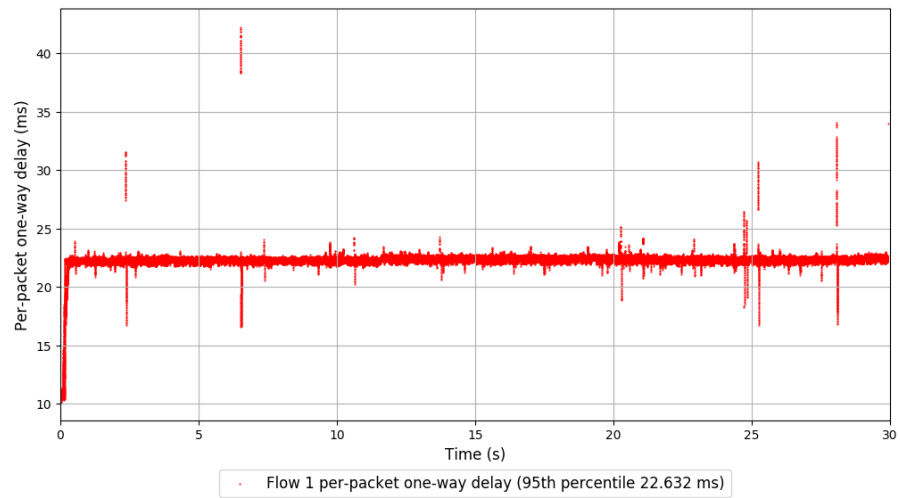
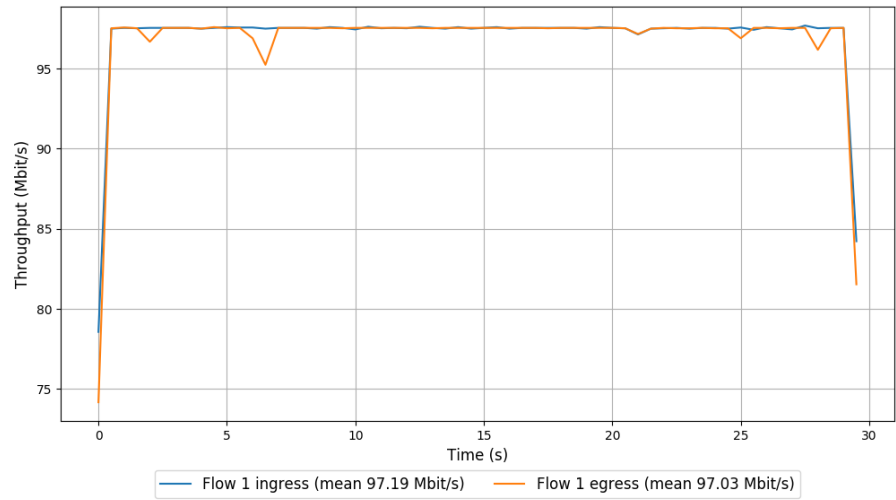
-- Flow 1:

Average throughput: 97.03 Mbit/s

95th percentile per-packet one-way delay: 22.632 ms

Loss rate: 0.22%

Run 8: Report of TCP Cubic — Data Link



Run 9: Statistics of TCP Cubic

Start at: Wed, 05 Jul 2017 12:40:58 +0000

End at: Wed, 05 Jul 2017 12:41:28 +0000

Local clock offset: -0.073 ms

Remote clock offset: -31.819 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:47:09 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.82 Mbit/s

95th percentile per-packet one-way delay: 25.495 ms

Loss rate: 0.34%

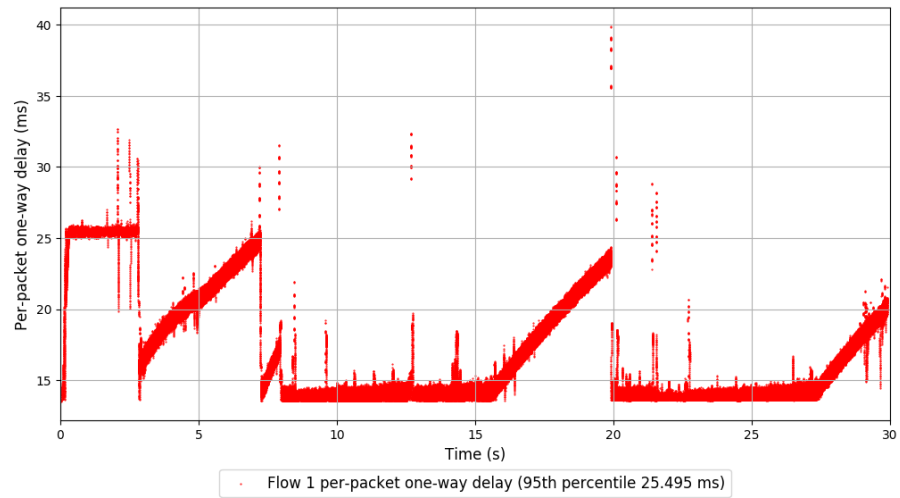
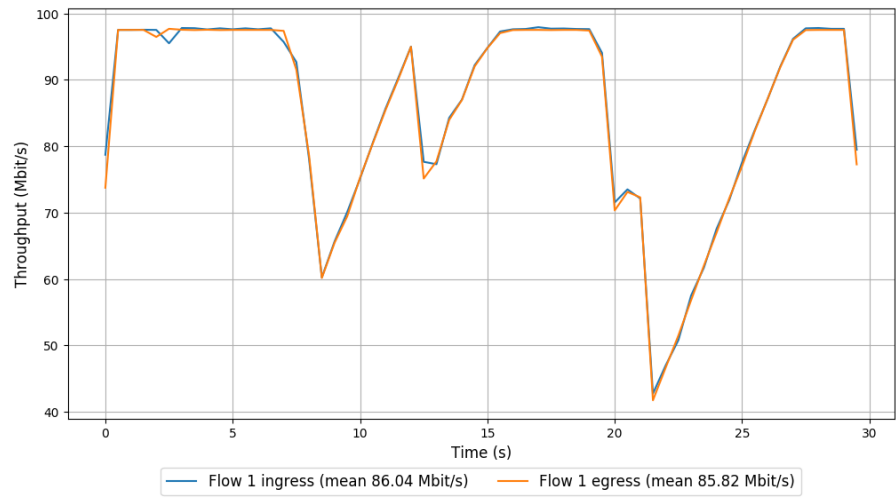
-- Flow 1:

Average throughput: 85.82 Mbit/s

95th percentile per-packet one-way delay: 25.495 ms

Loss rate: 0.34%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: Wed, 05 Jul 2017 12:58:43 +0000

End at: Wed, 05 Jul 2017 12:59:13 +0000

Local clock offset: -0.779 ms

Remote clock offset: -32.24 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:47:14 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.61 Mbit/s

95th percentile per-packet one-way delay: 28.148 ms

Loss rate: 0.22%

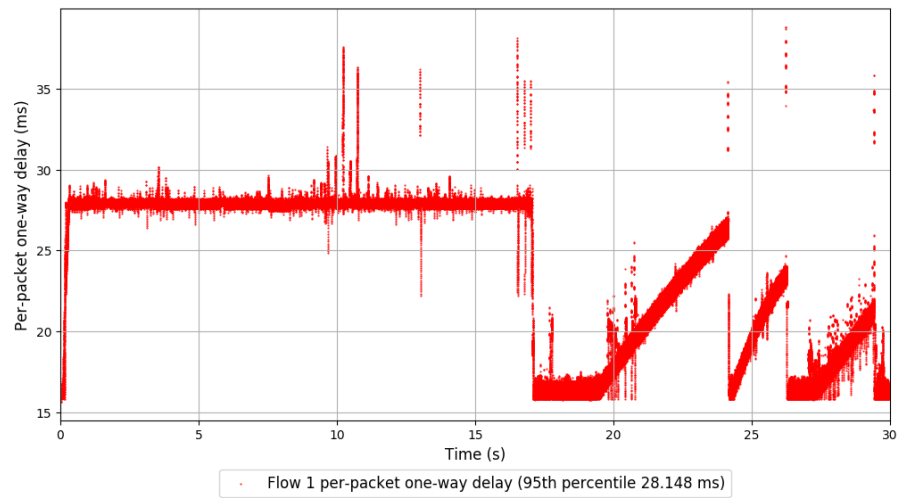
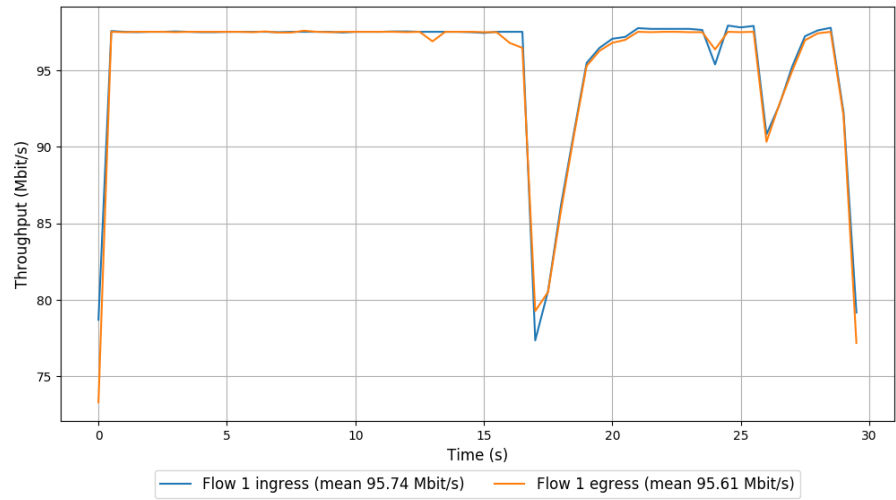
-- Flow 1:

Average throughput: 95.61 Mbit/s

95th percentile per-packet one-way delay: 28.148 ms

Loss rate: 0.22%

Run 10: Report of TCP Cubic — Data Link



Run 1: Statistics of KohoCC

Start at: Wed, 05 Jul 2017 10:09:29 +0000

End at: Wed, 05 Jul 2017 10:09:59 +0000

Local clock offset: 0.686 ms

Remote clock offset: -17.849 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:47:18 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 49.41 Mbit/s

95th percentile per-packet one-way delay: 12.869 ms

Loss rate: 0.11%

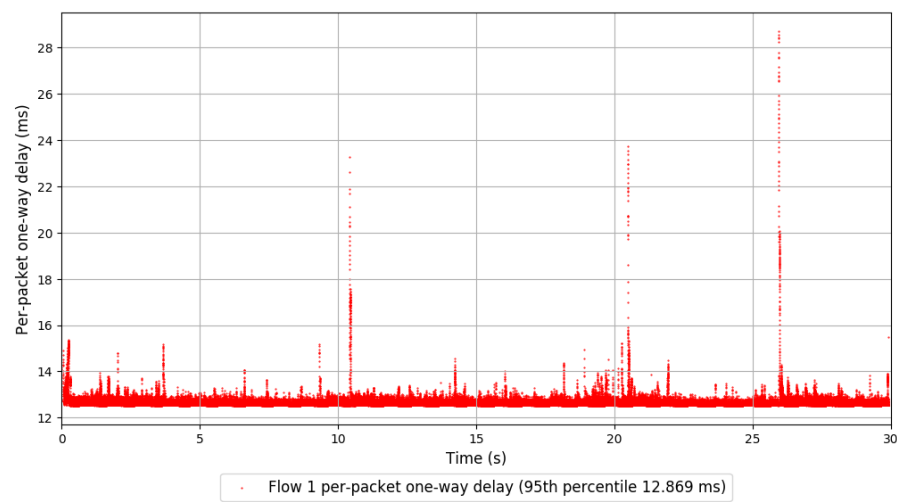
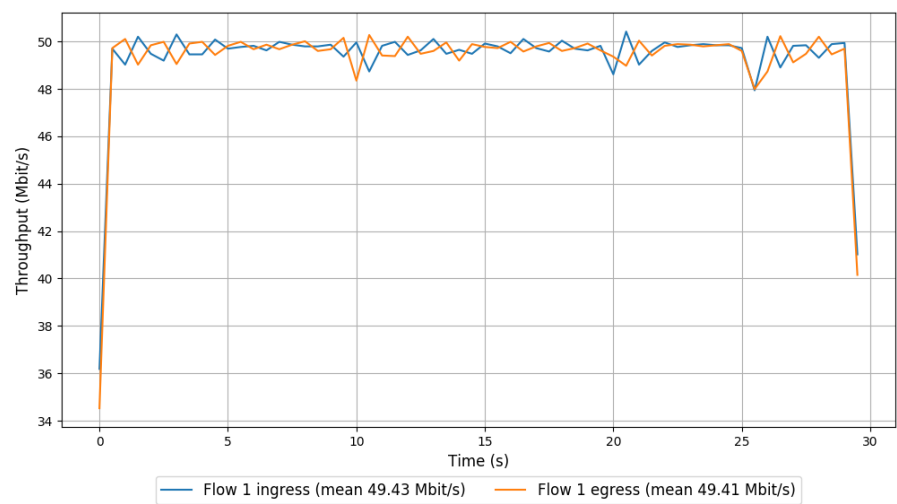
-- Flow 1:

Average throughput: 49.41 Mbit/s

95th percentile per-packet one-way delay: 12.869 ms

Loss rate: 0.11%

Run 1: Report of KohoCC — Data Link



Run 2: Statistics of KohoCC

Start at: Wed, 05 Jul 2017 10:27:14 +0000

End at: Wed, 05 Jul 2017 10:27:44 +0000

Local clock offset: 4.068 ms

Remote clock offset: -18.826 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:47:21 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 49.59 Mbit/s

95th percentile per-packet one-way delay: 10.973 ms

Loss rate: 0.08%

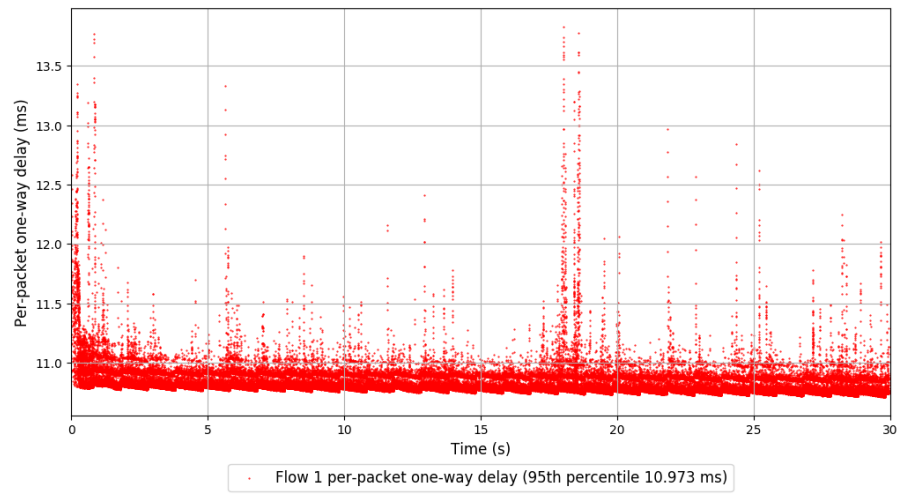
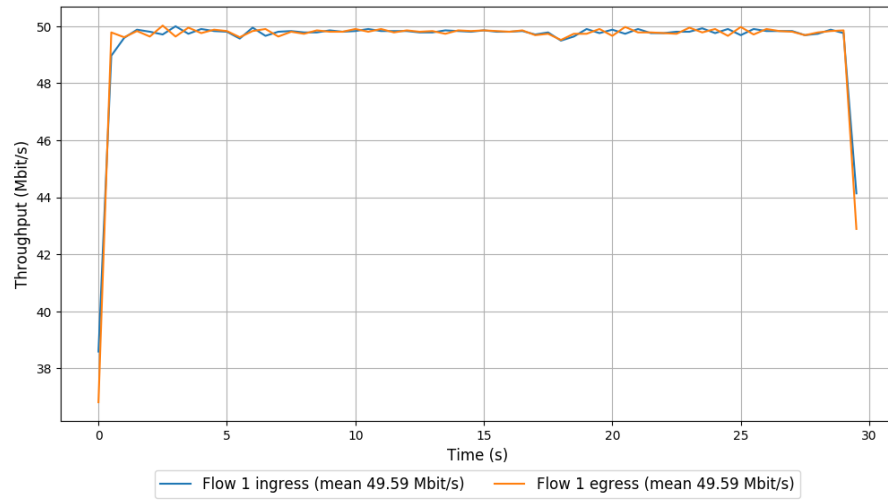
-- Flow 1:

Average throughput: 49.59 Mbit/s

95th percentile per-packet one-way delay: 10.973 ms

Loss rate: 0.08%

Run 2: Report of KohoCC — Data Link



Run 3: Statistics of KohoCC

Start at: Wed, 05 Jul 2017 10:45:16 +0000

End at: Wed, 05 Jul 2017 10:45:46 +0000

Local clock offset: 3.192 ms

Remote clock offset: -20.411 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:47:24 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 49.50 Mbit/s

95th percentile per-packet one-way delay: 8.814 ms

Loss rate: 0.10%

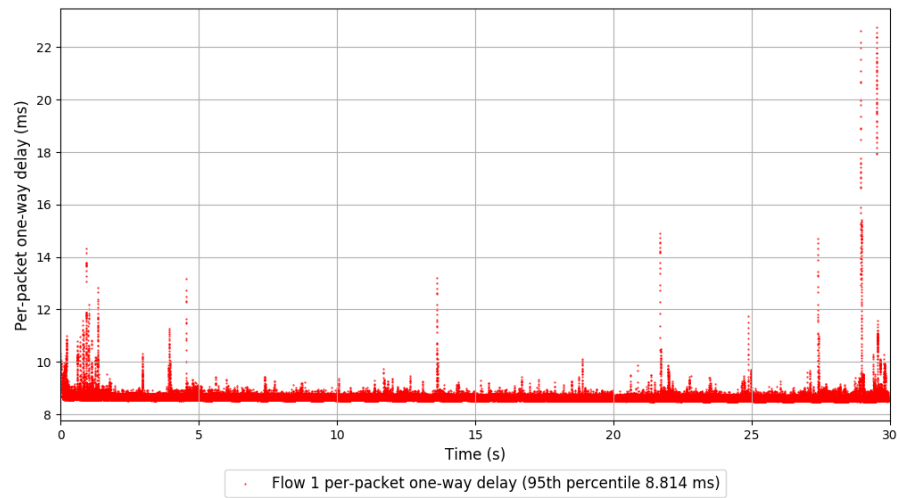
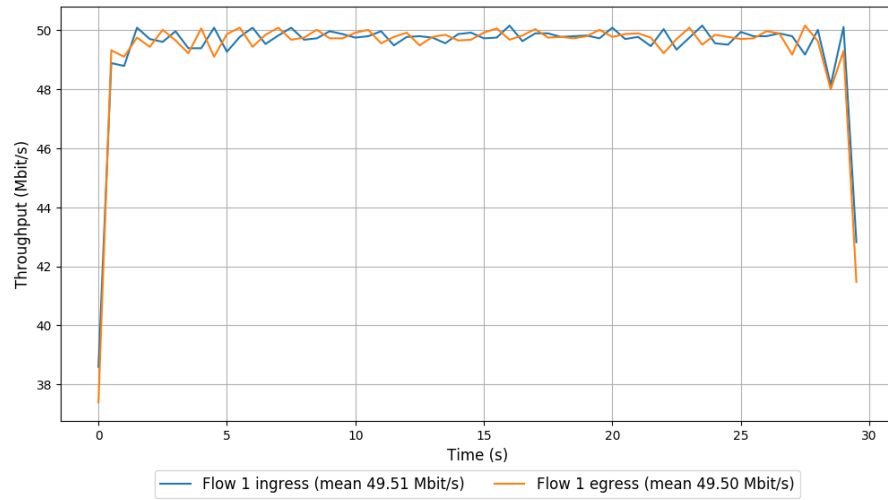
-- Flow 1:

Average throughput: 49.50 Mbit/s

95th percentile per-packet one-way delay: 8.814 ms

Loss rate: 0.10%

Run 3: Report of KohoCC — Data Link



Run 4: Statistics of KohoCC

Start at: Wed, 05 Jul 2017 11:03:27 +0000

End at: Wed, 05 Jul 2017 11:03:57 +0000

Local clock offset: 3.241 ms

Remote clock offset: -24.115 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:47:29 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 49.33 Mbit/s

95th percentile per-packet one-way delay: 6.545 ms

Loss rate: 0.16%

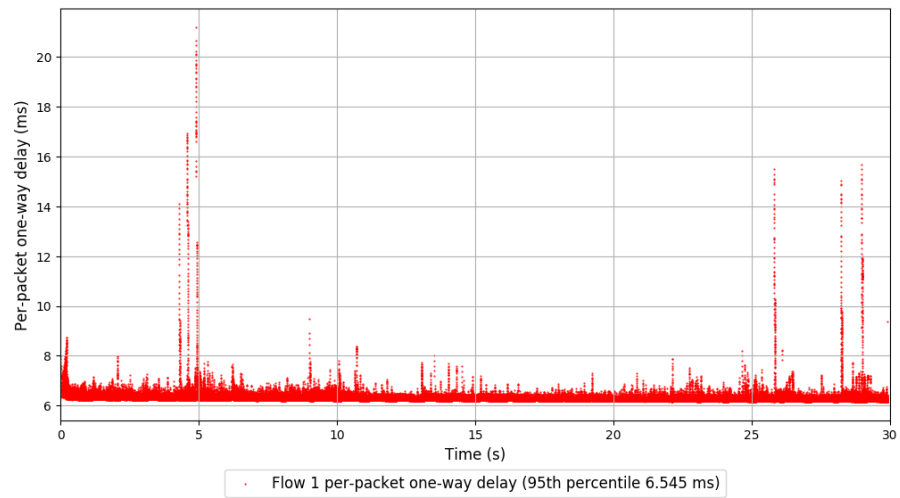
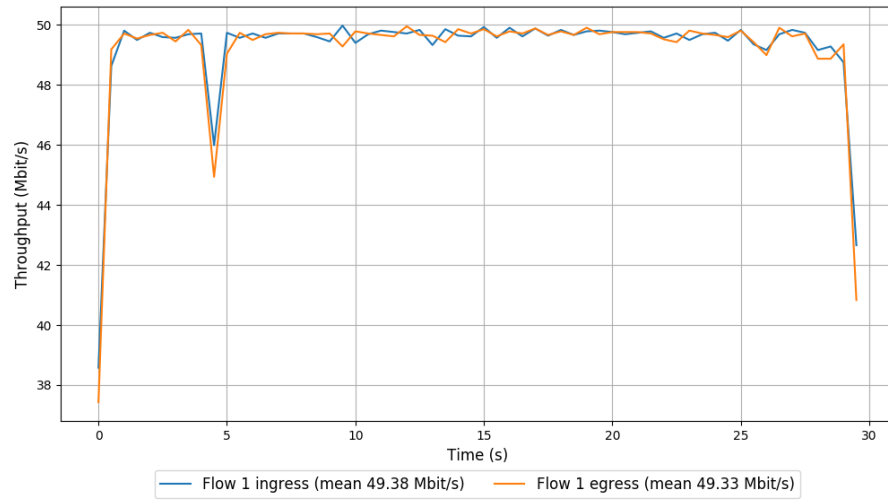
-- Flow 1:

Average throughput: 49.33 Mbit/s

95th percentile per-packet one-way delay: 6.545 ms

Loss rate: 0.16%

Run 4: Report of KohoCC — Data Link



Run 5: Statistics of KohoCC

Start at: Wed, 05 Jul 2017 11:21:16 +0000

End at: Wed, 05 Jul 2017 11:21:46 +0000

Local clock offset: 4.346 ms

Remote clock offset: -23.549 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:47:32 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 49.22 Mbit/s

95th percentile per-packet one-way delay: 6.055 ms

Loss rate: 0.16%

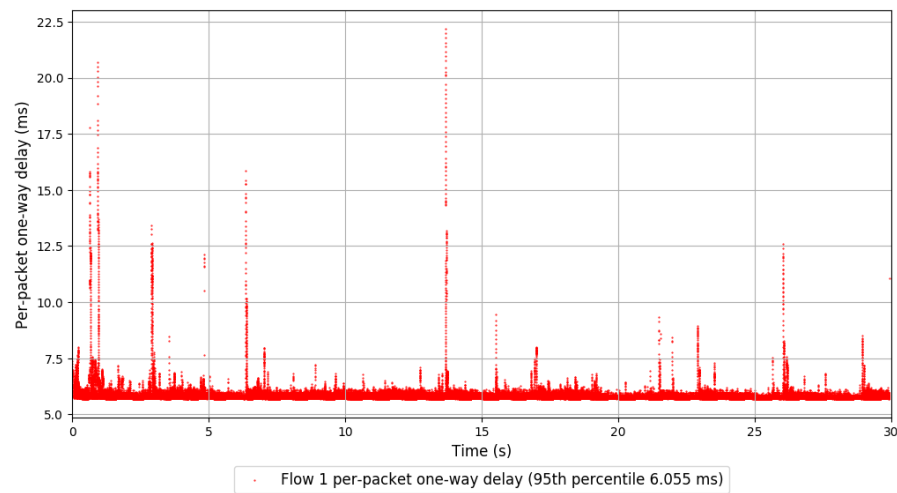
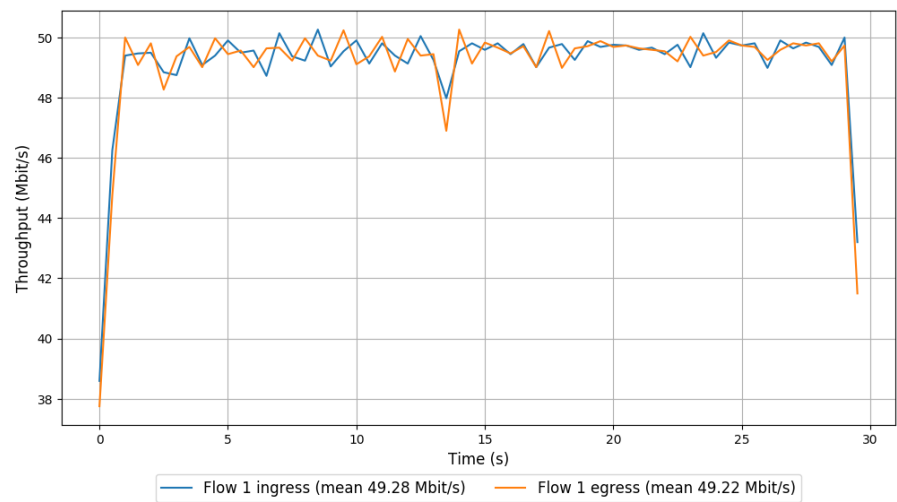
-- Flow 1:

Average throughput: 49.22 Mbit/s

95th percentile per-packet one-way delay: 6.055 ms

Loss rate: 0.16%

Run 5: Report of KohoCC — Data Link



Run 6: Statistics of KohoCC

Start at: Wed, 05 Jul 2017 11:38:49 +0000

End at: Wed, 05 Jul 2017 11:39:19 +0000

Local clock offset: 1.654 ms

Remote clock offset: -22.06 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:47:36 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 49.32 Mbit/s

95th percentile per-packet one-way delay: 6.959 ms

Loss rate: 0.11%

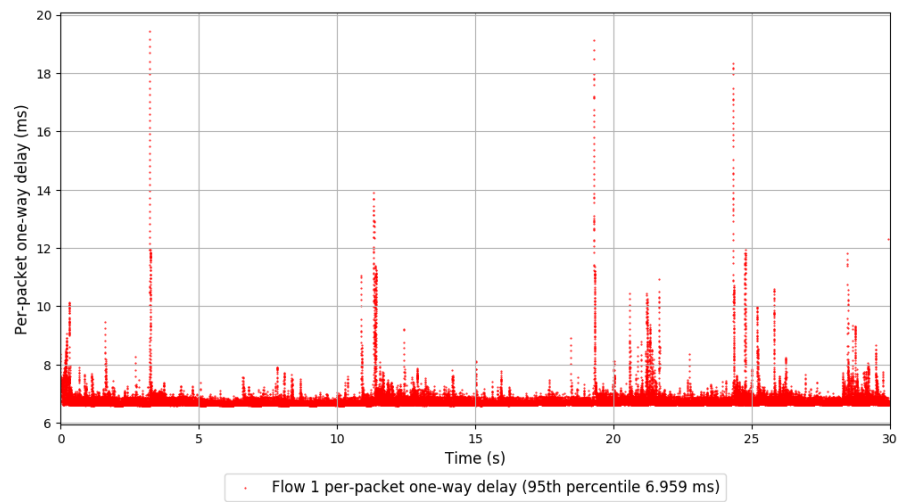
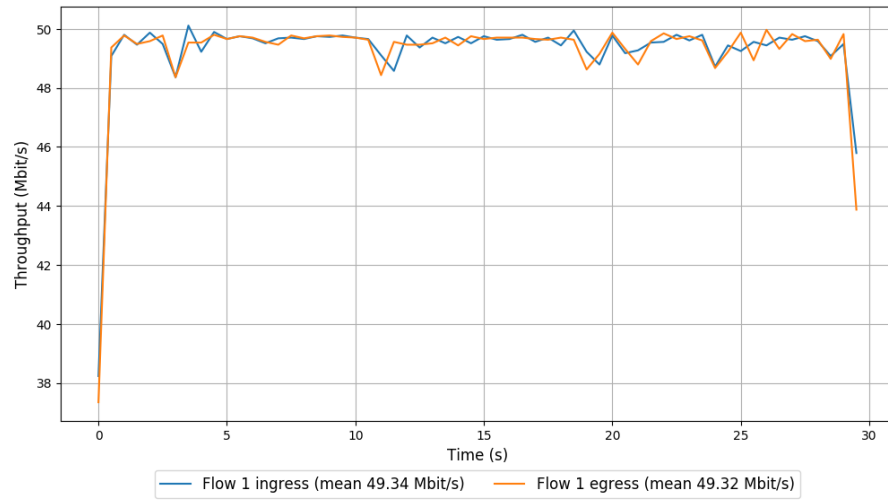
-- Flow 1:

Average throughput: 49.32 Mbit/s

95th percentile per-packet one-way delay: 6.959 ms

Loss rate: 0.11%

Run 6: Report of KohoCC — Data Link



Run 7: Statistics of KohoCC

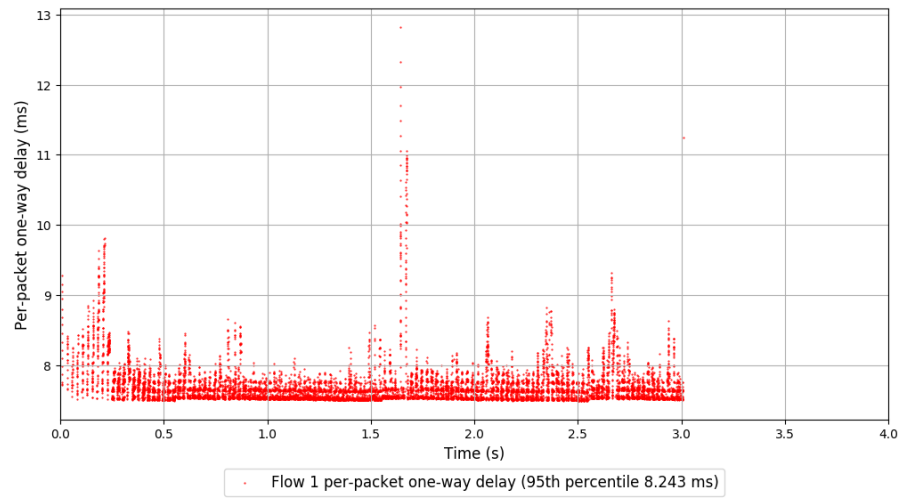
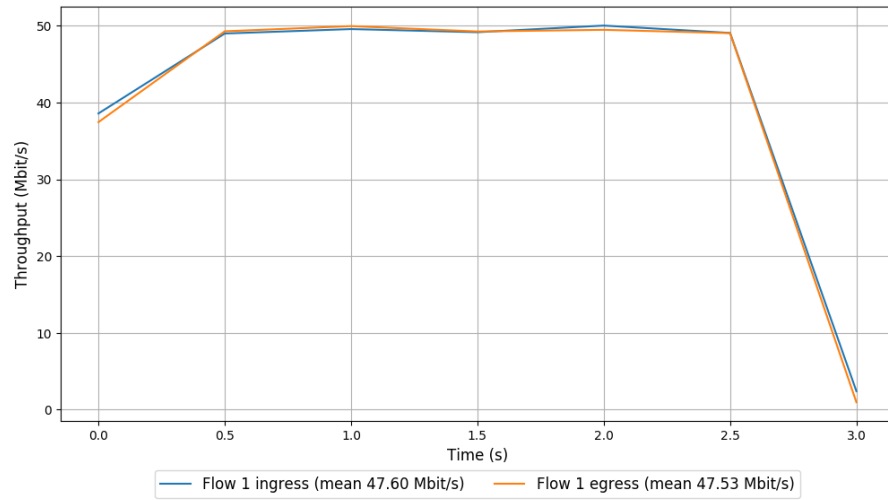
Start at: Wed, 05 Jul 2017 11:57:09 +0000

End at: Wed, 05 Jul 2017 11:57:39 +0000

Local clock offset: 3.753 ms

Remote clock offset: -39.395 ms

Run 7: Report of KohoCC — Data Link



Run 8: Statistics of KohoCC

Start at: Wed, 05 Jul 2017 12:14:58 +0000

End at: Wed, 05 Jul 2017 12:15:28 +0000

Local clock offset: -0.066 ms

Remote clock offset: -36.047 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:47:40 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 49.27 Mbit/s

95th percentile per-packet one-way delay: 9.563 ms

Loss rate: 0.12%

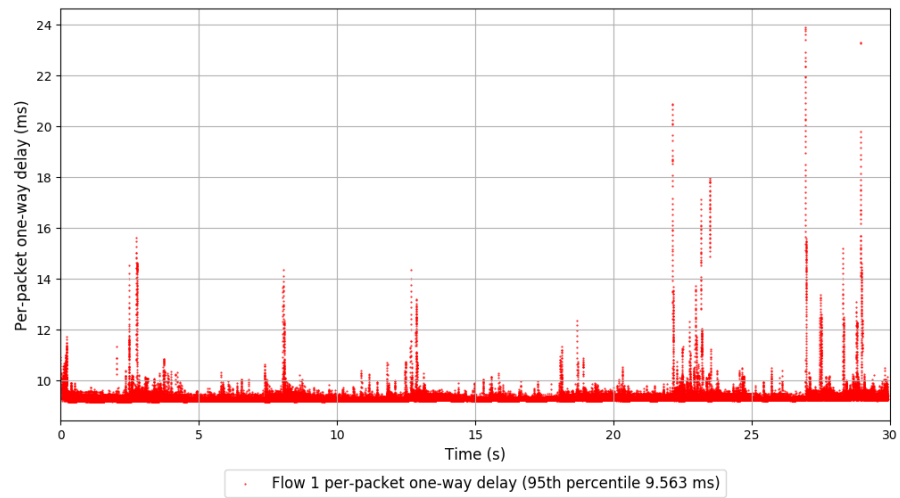
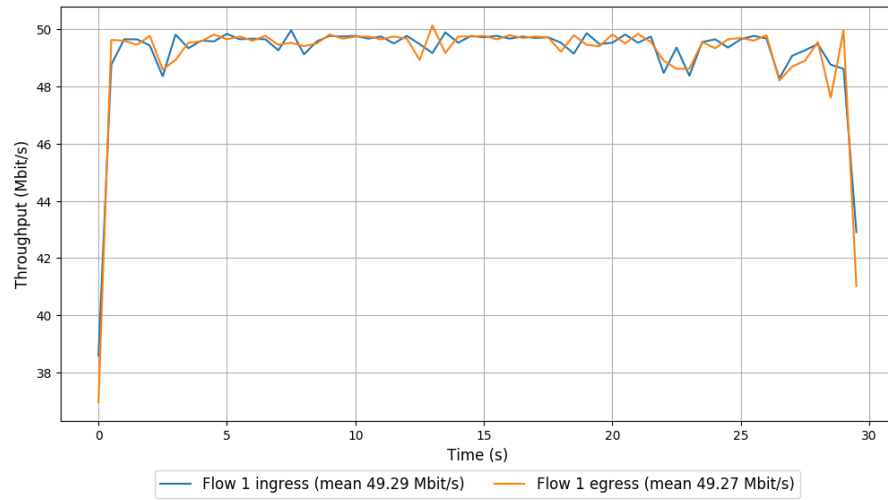
-- Flow 1:

Average throughput: 49.27 Mbit/s

95th percentile per-packet one-way delay: 9.563 ms

Loss rate: 0.12%

Run 8: Report of KohoCC — Data Link



Run 9: Statistics of KohoCC

Start at: Wed, 05 Jul 2017 12:32:40 +0000

End at: Wed, 05 Jul 2017 12:33:10 +0000

Local clock offset: 3.177 ms

Remote clock offset: -32.742 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:47:43 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 48.54 Mbit/s

95th percentile per-packet one-way delay: 12.605 ms

Loss rate: 0.12%

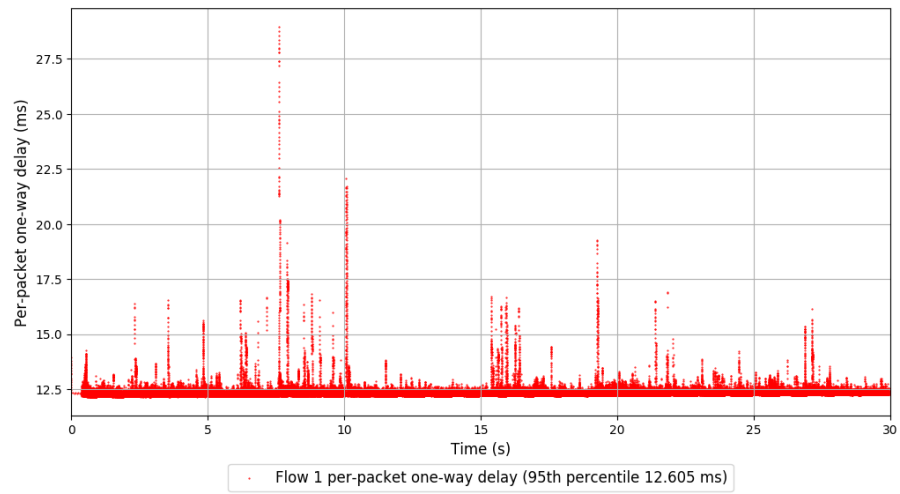
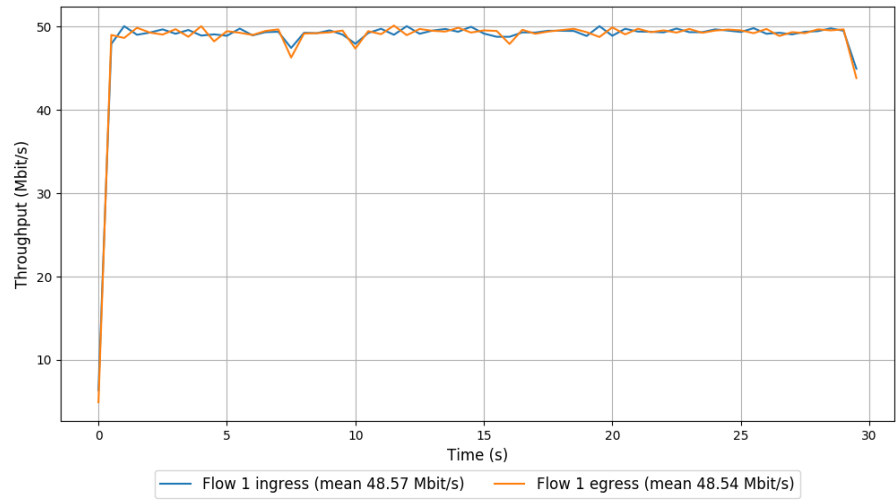
-- Flow 1:

Average throughput: 48.54 Mbit/s

95th percentile per-packet one-way delay: 12.605 ms

Loss rate: 0.12%

Run 9: Report of KohoCC — Data Link



Run 10: Statistics of KohoCC

Start at: Wed, 05 Jul 2017 12:50:13 +0000

End at: Wed, 05 Jul 2017 12:50:43 +0000

Local clock offset: 2.741 ms

Remote clock offset: -32.396 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:47:47 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 49.26 Mbit/s

95th percentile per-packet one-way delay: 15.286 ms

Loss rate: 0.14%

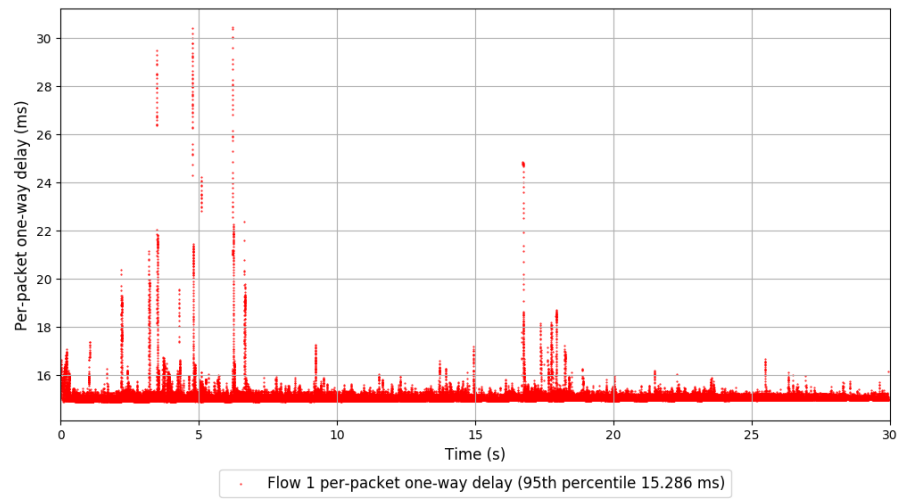
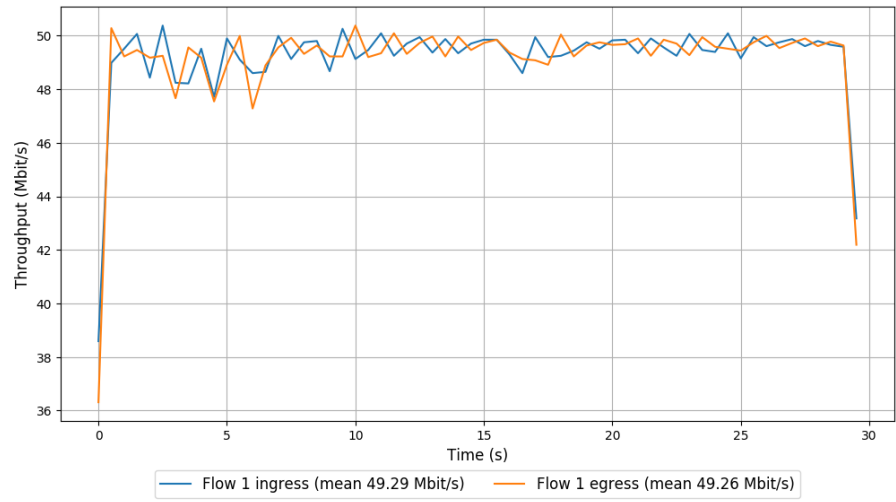
-- Flow 1:

Average throughput: 49.26 Mbit/s

95th percentile per-packet one-way delay: 15.286 ms

Loss rate: 0.14%

Run 10: Report of KohoCC — Data Link



Run 1: Statistics of LEDBAT

Start at: Wed, 05 Jul 2017 10:26:03 +0000

End at: Wed, 05 Jul 2017 10:26:33 +0000

Local clock offset: 0.85 ms

Remote clock offset: -16.872 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:47:52 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 70.61 Mbit/s

95th percentile per-packet one-way delay: 22.818 ms

Loss rate: 0.17%

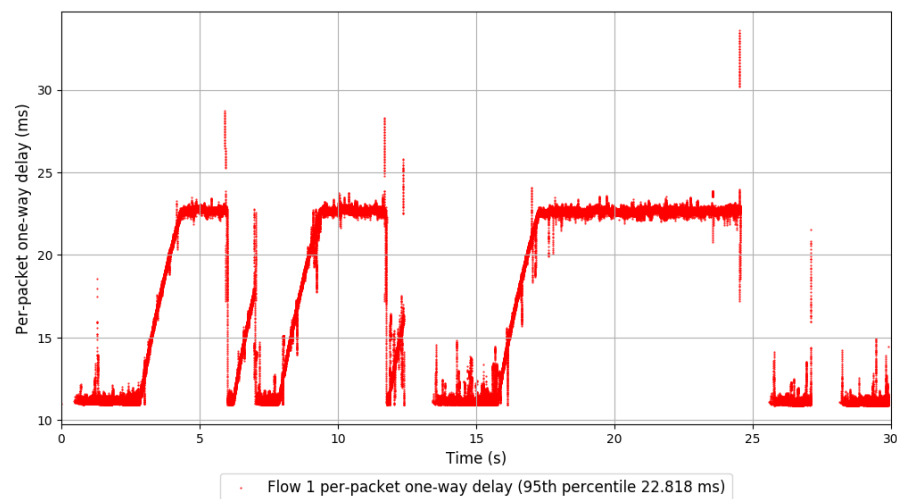
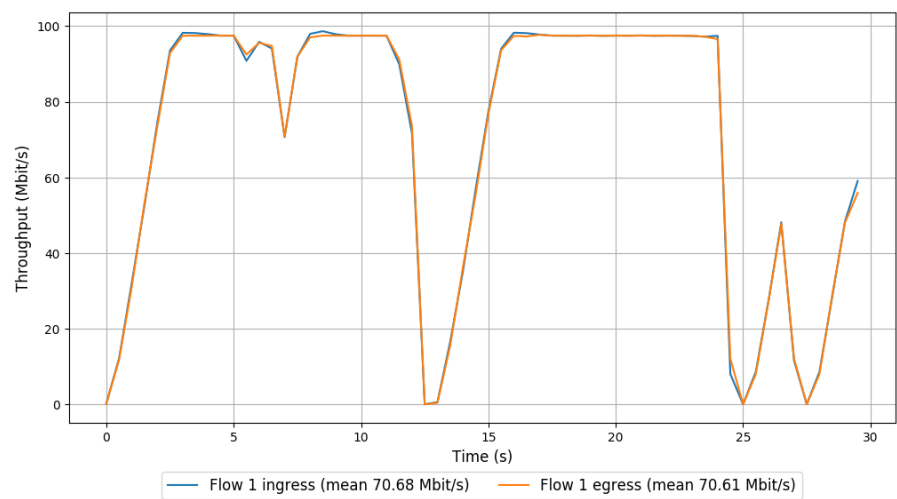
-- Flow 1:

Average throughput: 70.61 Mbit/s

95th percentile per-packet one-way delay: 22.818 ms

Loss rate: 0.17%

Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: Wed, 05 Jul 2017 10:44:01 +0000

End at: Wed, 05 Jul 2017 10:44:31 +0000

Local clock offset: 1.72 ms

Remote clock offset: -19.006 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:47:56 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 68.65 Mbit/s

95th percentile per-packet one-way delay: 20.613 ms

Loss rate: 0.35%

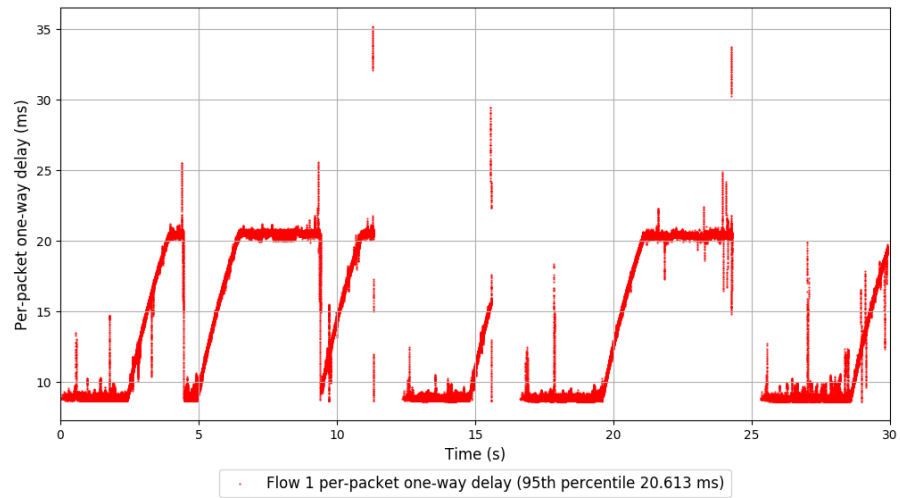
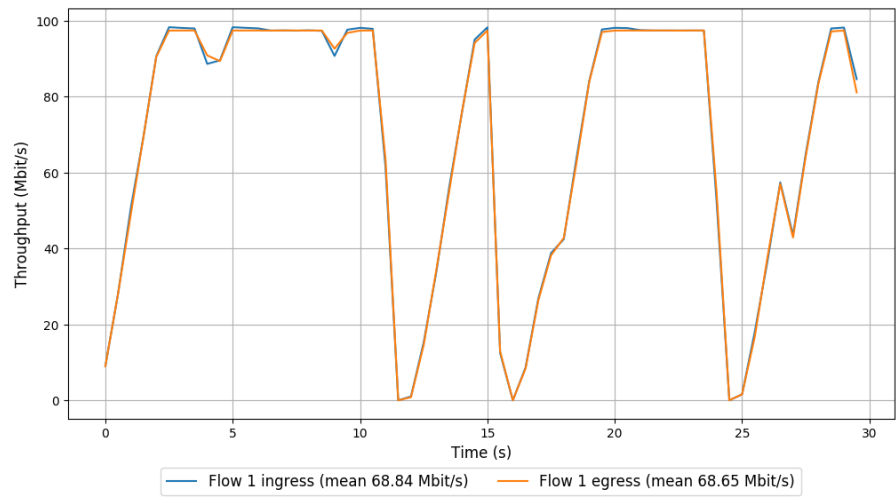
-- Flow 1:

Average throughput: 68.65 Mbit/s

95th percentile per-packet one-way delay: 20.613 ms

Loss rate: 0.35%

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: Wed, 05 Jul 2017 11:02:17 +0000

End at: Wed, 05 Jul 2017 11:02:47 +0000

Local clock offset: 0.924 ms

Remote clock offset: -22.323 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:48:02 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 63.37 Mbit/s

95th percentile per-packet one-way delay: 18.423 ms

Loss rate: 0.32%

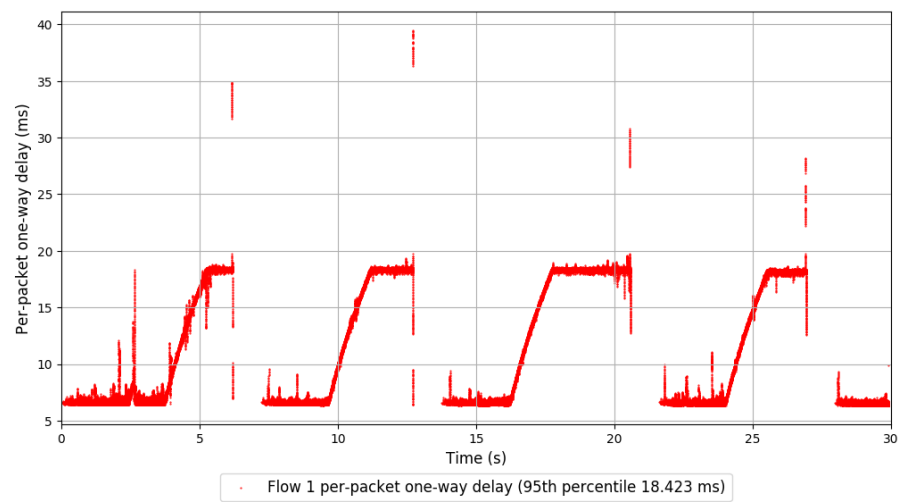
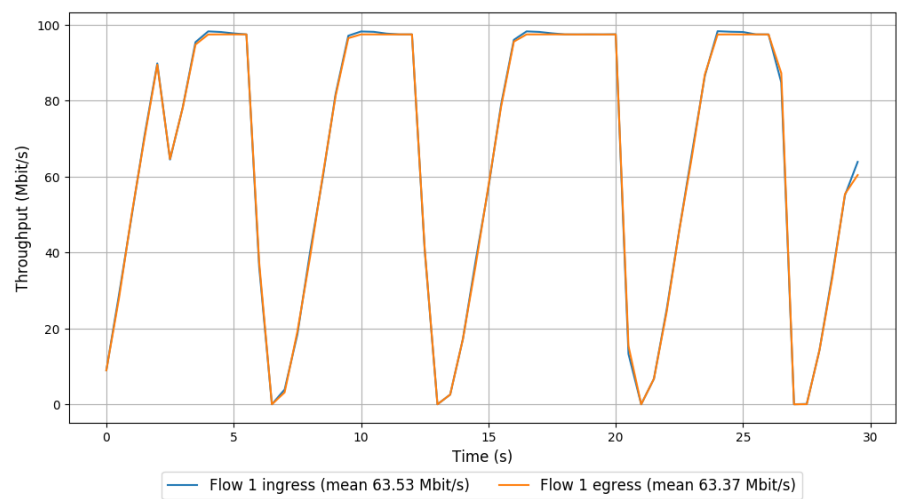
-- Flow 1:

Average throughput: 63.37 Mbit/s

95th percentile per-packet one-way delay: 18.423 ms

Loss rate: 0.32%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: Wed, 05 Jul 2017 11:20:02 +0000

End at: Wed, 05 Jul 2017 11:20:32 +0000

Local clock offset: 3.74 ms

Remote clock offset: -23.088 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:48:07 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.95 Mbit/s

95th percentile per-packet one-way delay: 17.756 ms

Loss rate: 0.12%

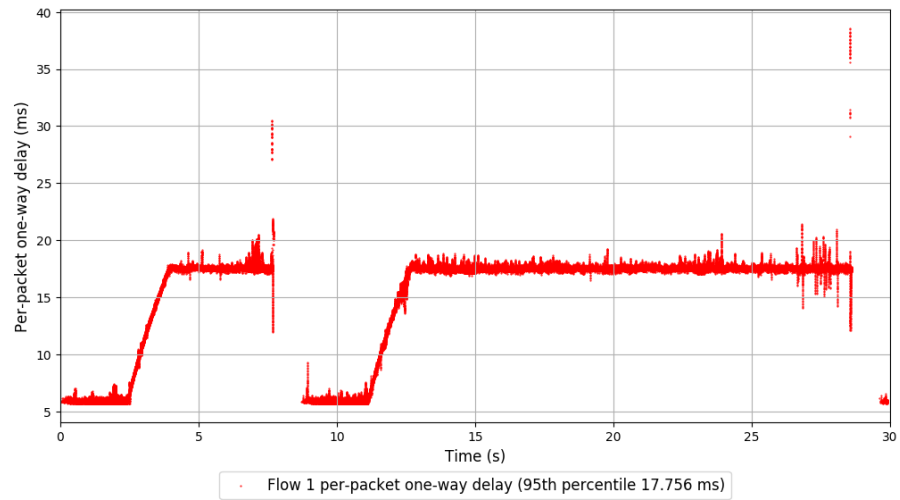
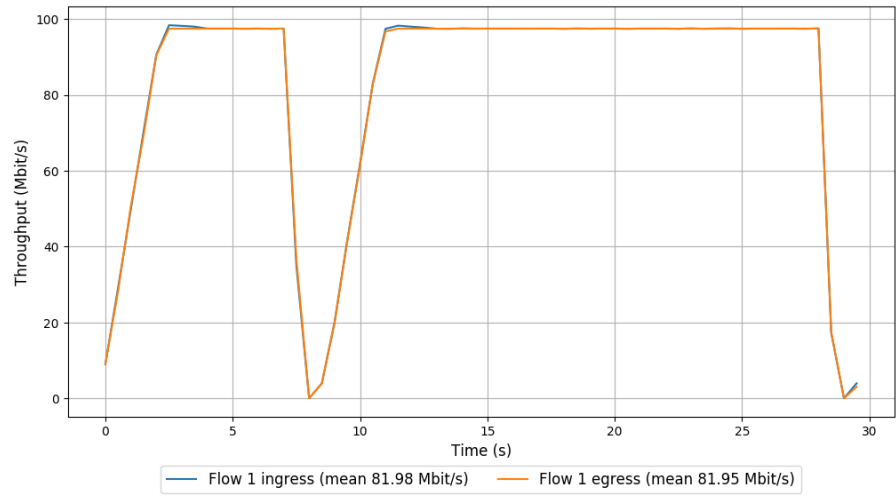
-- Flow 1:

Average throughput: 81.95 Mbit/s

95th percentile per-packet one-way delay: 17.756 ms

Loss rate: 0.12%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: Wed, 05 Jul 2017 11:37:38 +0000

End at: Wed, 05 Jul 2017 11:38:08 +0000

Local clock offset: 1.375 ms

Remote clock offset: -22.156 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:48:12 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 69.35 Mbit/s

95th percentile per-packet one-way delay: 18.552 ms

Loss rate: 0.20%

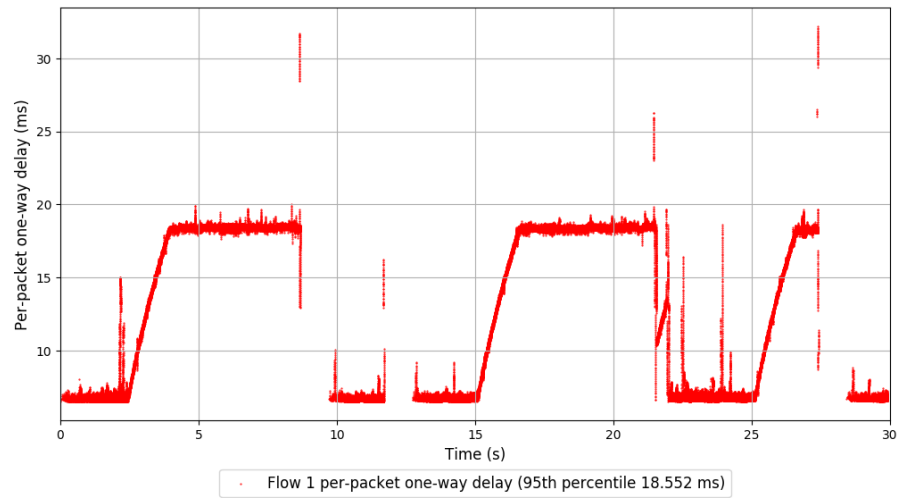
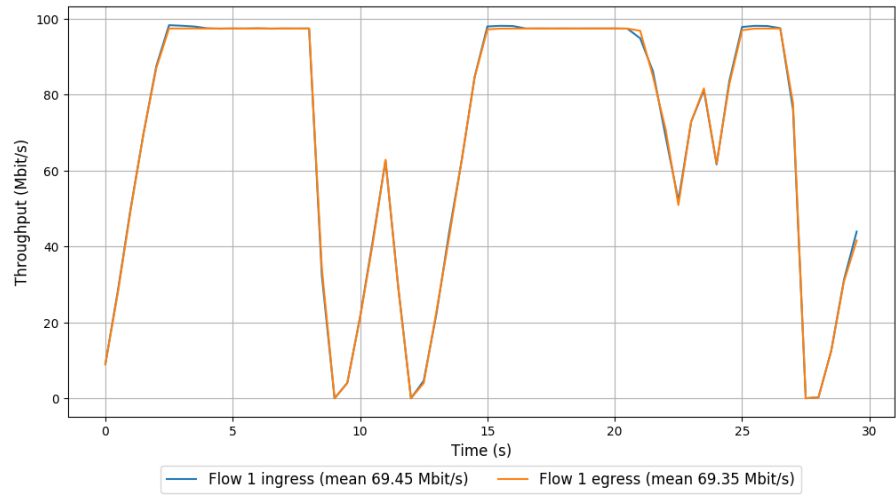
-- Flow 1:

Average throughput: 69.35 Mbit/s

95th percentile per-packet one-way delay: 18.552 ms

Loss rate: 0.20%

Run 5: Report of LEDBAT — Data Link



Run 6: Statistics of LEDBAT

Start at: Wed, 05 Jul 2017 11:55:50 +0000

End at: Wed, 05 Jul 2017 11:56:20 +0000

Local clock offset: 2.709 ms

Remote clock offset: -39.298 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:48:17 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.24 Mbit/s

95th percentile per-packet one-way delay: 19.437 ms

Loss rate: 0.12%

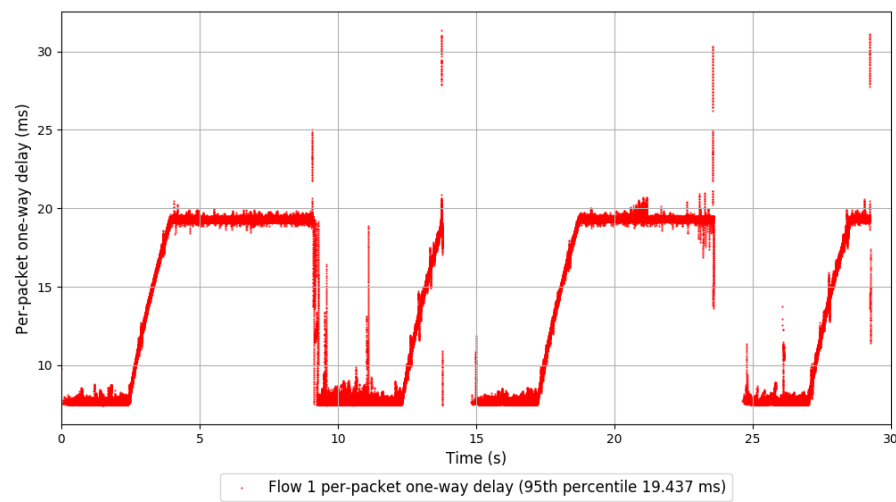
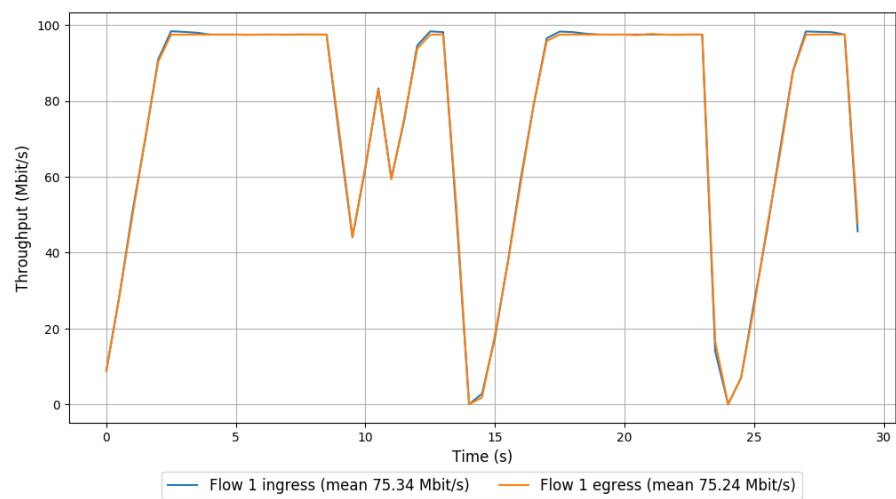
-- Flow 1:

Average throughput: 75.24 Mbit/s

95th percentile per-packet one-way delay: 19.437 ms

Loss rate: 0.12%

Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

Start at: Wed, 05 Jul 2017 12:13:47 +0000

End at: Wed, 05 Jul 2017 12:14:17 +0000

Local clock offset: 2.314 ms

Remote clock offset: -38.025 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:48:21 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 69.26 Mbit/s

95th percentile per-packet one-way delay: 21.065 ms

Loss rate: 0.24%

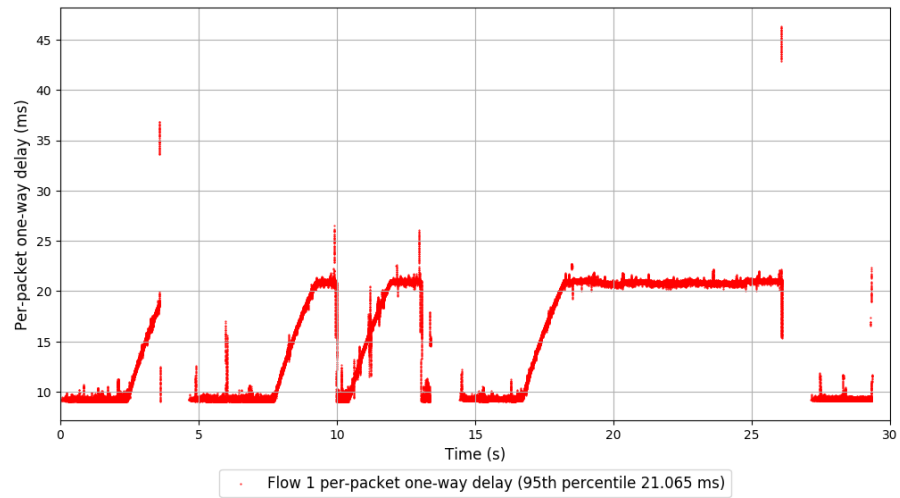
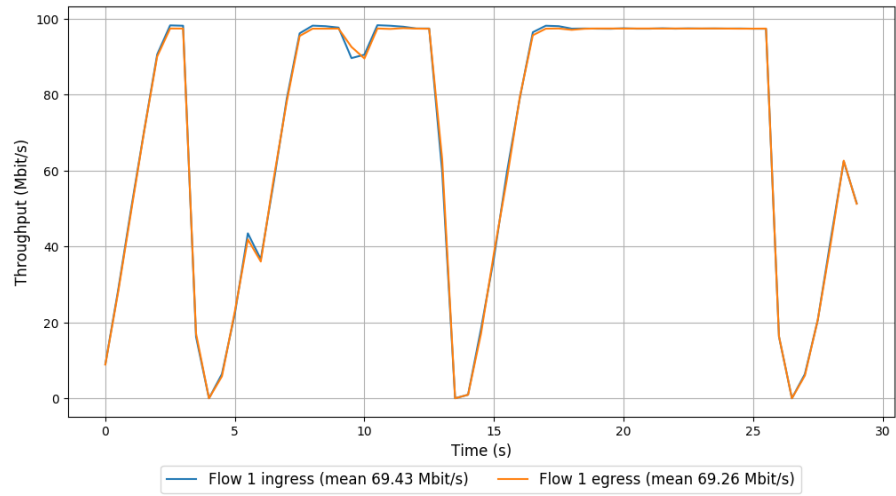
-- Flow 1:

Average throughput: 69.26 Mbit/s

95th percentile per-packet one-way delay: 21.065 ms

Loss rate: 0.24%

Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: Wed, 05 Jul 2017 12:31:27 +0000

End at: Wed, 05 Jul 2017 12:31:57 +0000

Local clock offset: 0.149 ms

Remote clock offset: -33.071 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:48:30 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.77 Mbit/s

95th percentile per-packet one-way delay: 23.994 ms

Loss rate: 0.09%

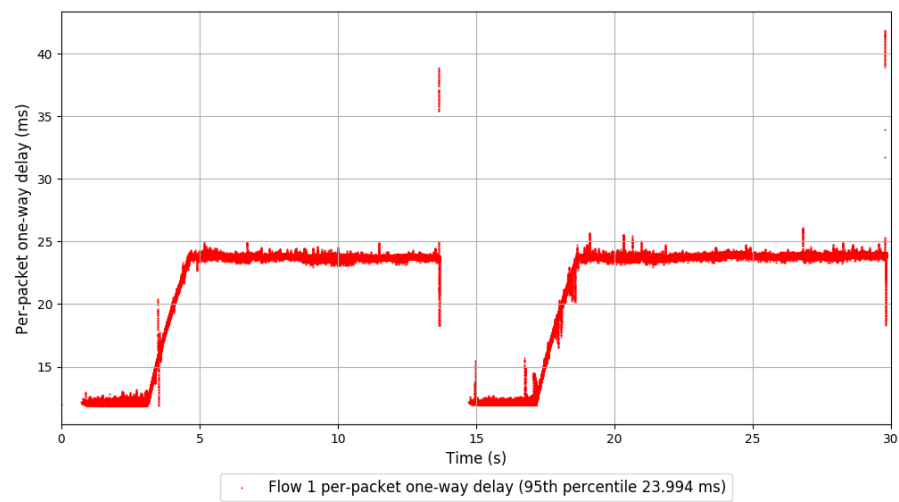
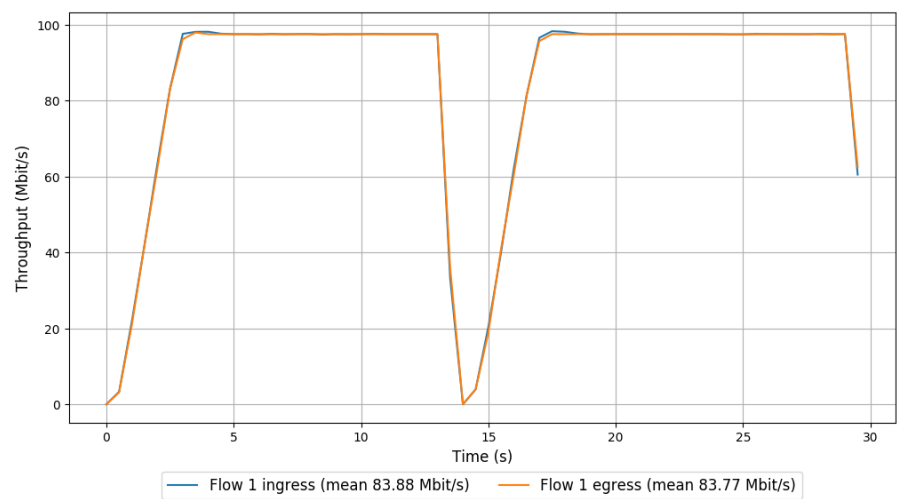
-- Flow 1:

Average throughput: 83.77 Mbit/s

95th percentile per-packet one-way delay: 23.994 ms

Loss rate: 0.09%

Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

Start at: Wed, 05 Jul 2017 12:49:02 +0000

End at: Wed, 05 Jul 2017 12:49:32 +0000

Local clock offset: 1.184 ms

Remote clock offset: -32.635 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:48:30 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 57.12 Mbit/s

95th percentile per-packet one-way delay: 26.679 ms

Loss rate: 0.37%

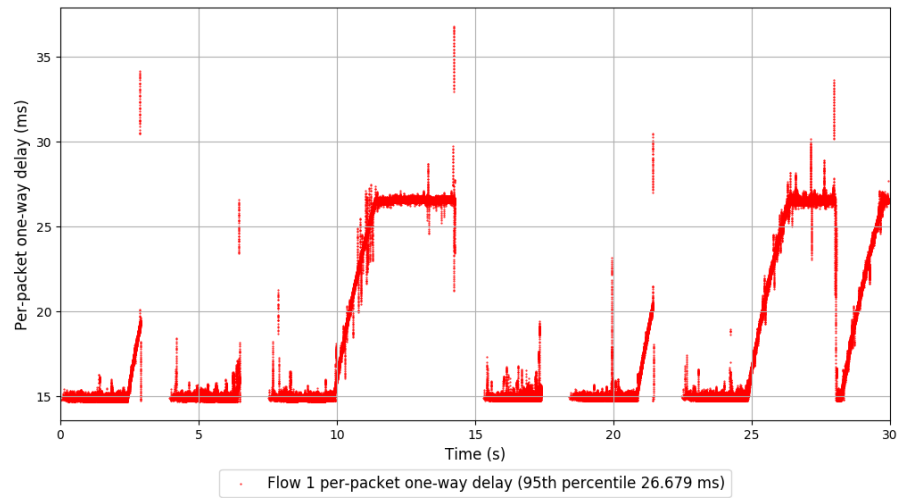
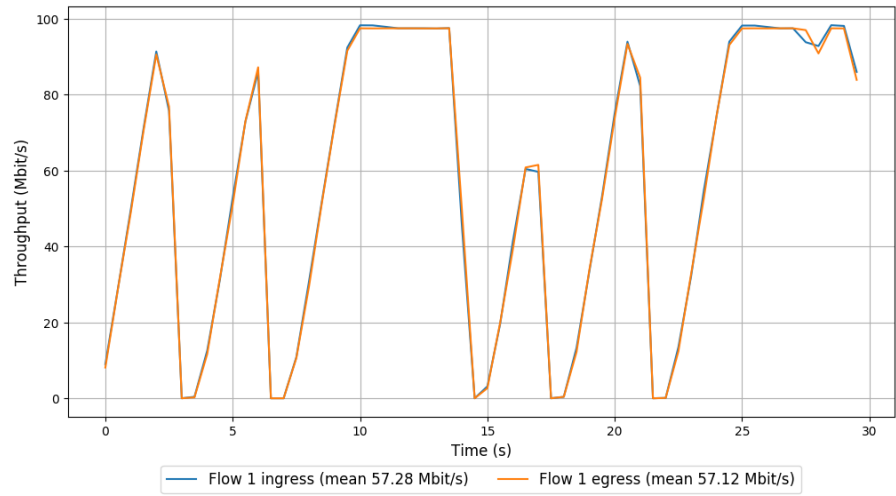
-- Flow 1:

Average throughput: 57.12 Mbit/s

95th percentile per-packet one-way delay: 26.679 ms

Loss rate: 0.37%

Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: Wed, 05 Jul 2017 13:06:41 +0000

End at: Wed, 05 Jul 2017 13:07:11 +0000

Local clock offset: 2.01 ms

Remote clock offset: -14.166 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:48:42 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.94 Mbit/s

95th percentile per-packet one-way delay: 27.920 ms

Loss rate: 0.16%

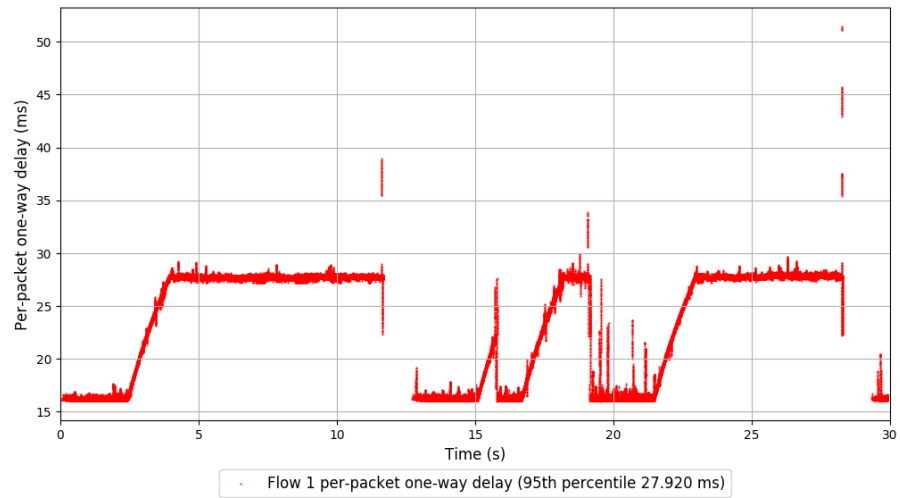
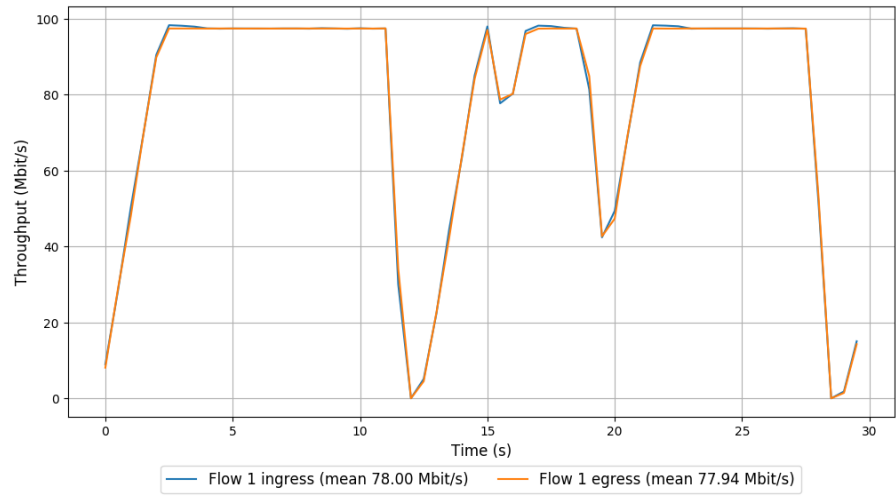
-- Flow 1:

Average throughput: 77.94 Mbit/s

95th percentile per-packet one-way delay: 27.920 ms

Loss rate: 0.16%

Run 10: Report of LEDBAT — Data Link



Run 1: Statistics of PCC

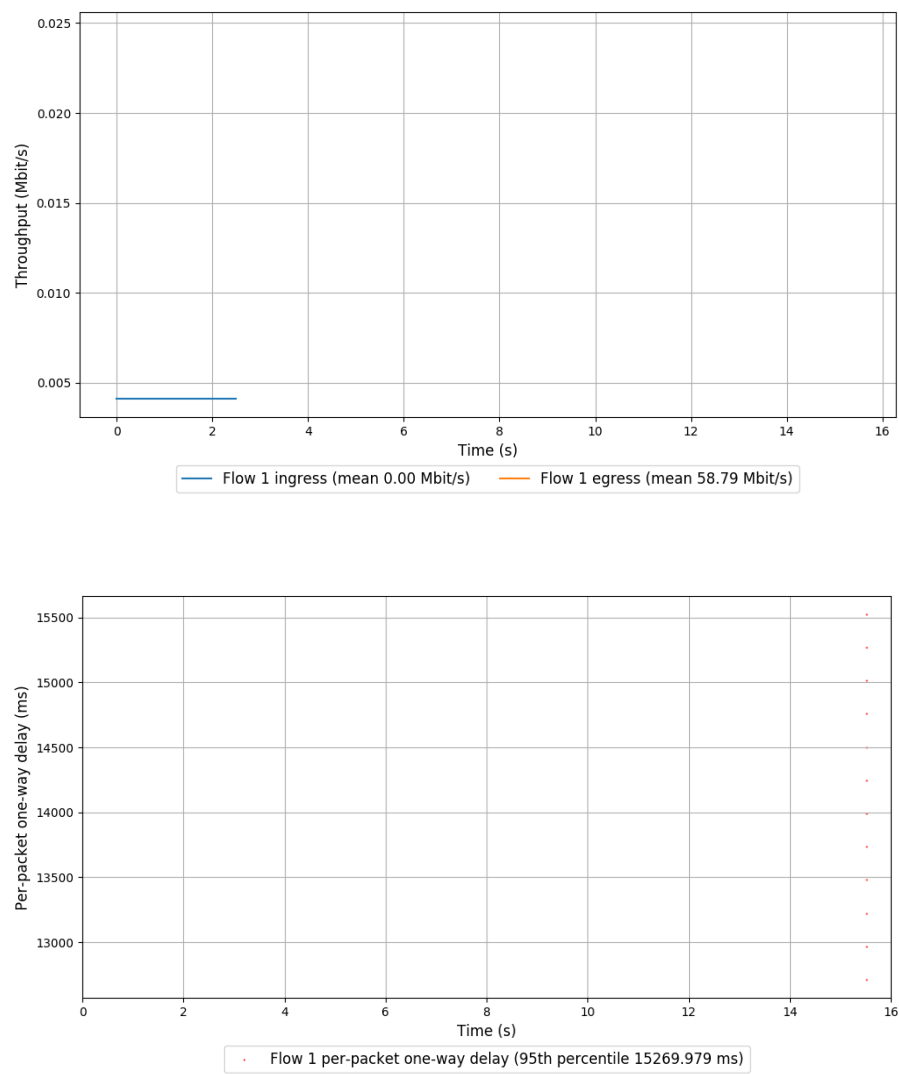
Start at: Wed, 05 Jul 2017 10:22:43 +0000

End at: Wed, 05 Jul 2017 10:23:13 +0000

Local clock offset: 0.445 ms

Remote clock offset: -17.018 ms

Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

Start at: Wed, 05 Jul 2017 10:40:29 +0000

End at: Wed, 05 Jul 2017 10:40:59 +0000

Local clock offset: 3.435 ms

Remote clock offset: -19.23 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:48:43 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.98 Mbit/s

95th percentile per-packet one-way delay: 13.403 ms

Loss rate: 0.34%

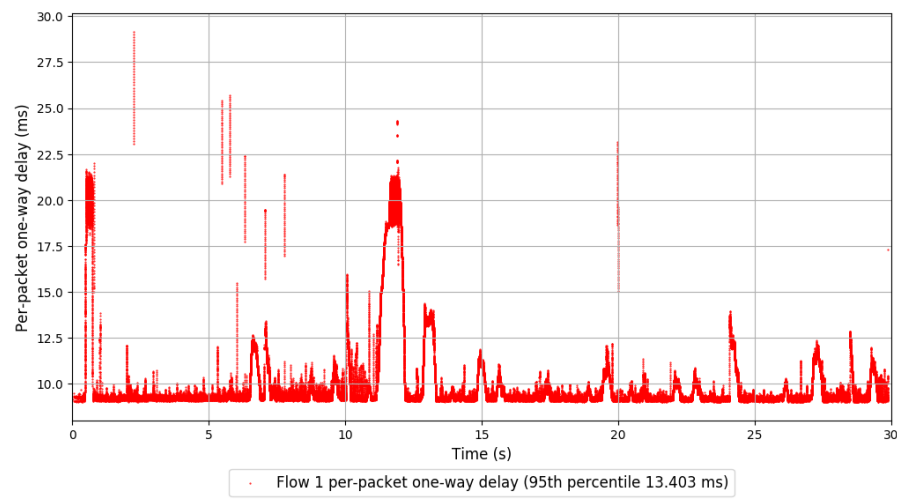
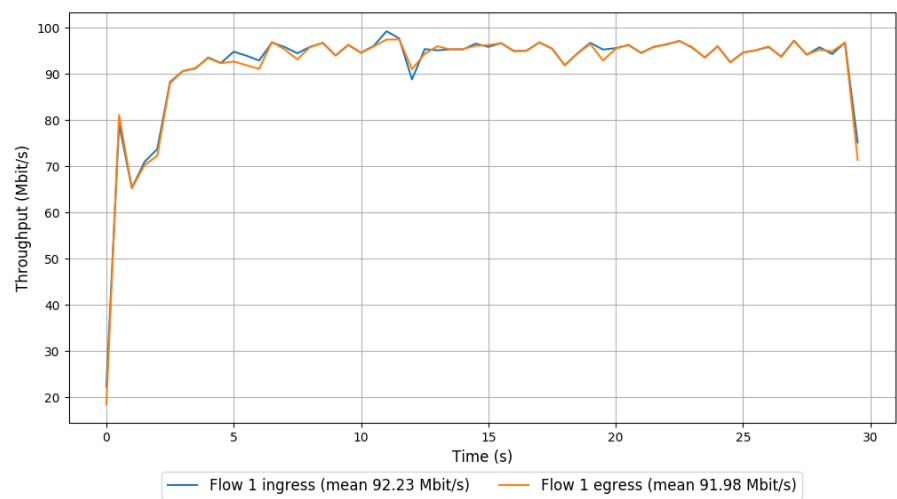
-- Flow 1:

Average throughput: 91.98 Mbit/s

95th percentile per-packet one-way delay: 13.403 ms

Loss rate: 0.34%

Run 2: Report of PCC — Data Link



Run 3: Statistics of PCC

Start at: Wed, 05 Jul 2017 10:58:50 +0000

End at: Wed, 05 Jul 2017 10:59:20 +0000

Local clock offset: 1.217 ms

Remote clock offset: -22.286 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:48:52 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.37 Mbit/s

95th percentile per-packet one-way delay: 15.203 ms

Loss rate: 0.34%

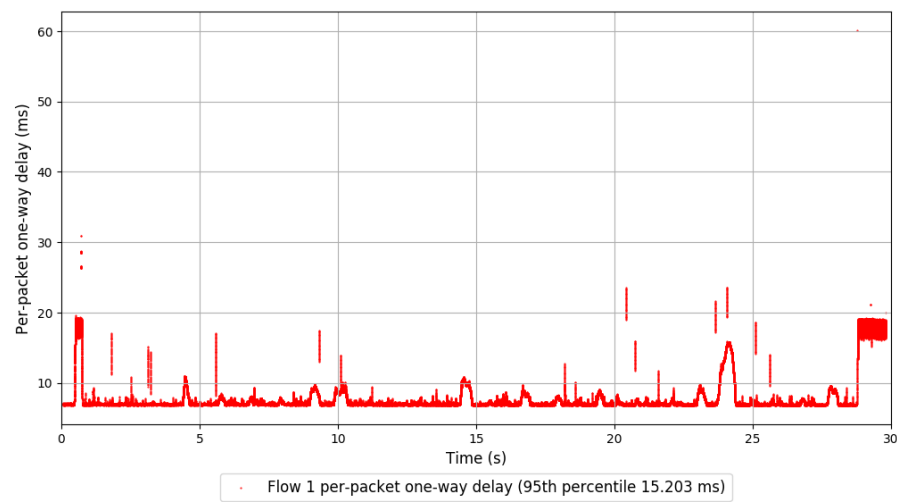
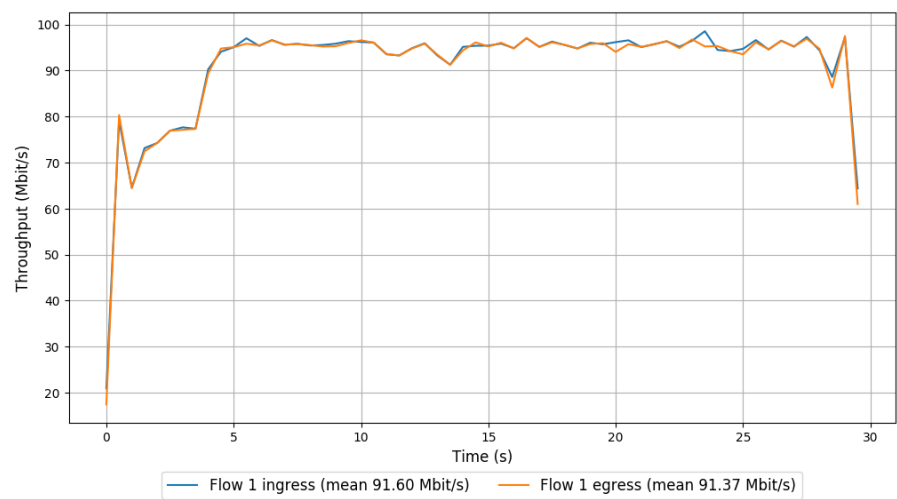
-- Flow 1:

Average throughput: 91.37 Mbit/s

95th percentile per-packet one-way delay: 15.203 ms

Loss rate: 0.34%

Run 3: Report of PCC — Data Link



Run 4: Statistics of PCC

Start at: Wed, 05 Jul 2017 11:16:35 +0000

End at: Wed, 05 Jul 2017 11:17:05 +0000

Local clock offset: 4.109 ms

Remote clock offset: -21.879 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:48:57 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.78 Mbit/s

95th percentile per-packet one-way delay: 8.616 ms

Loss rate: 0.33%

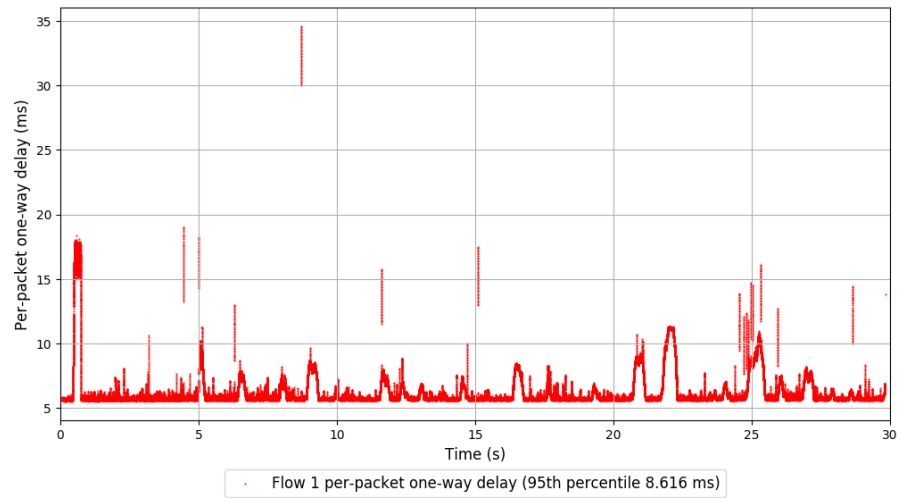
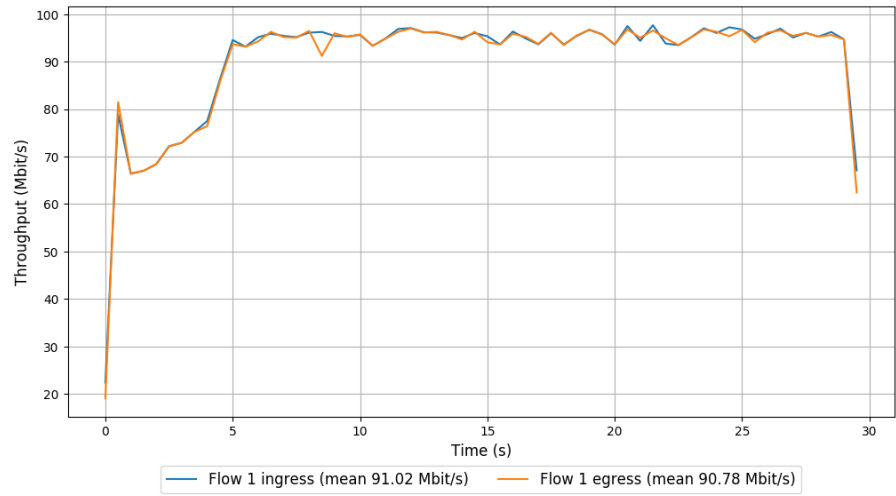
-- Flow 1:

Average throughput: 90.78 Mbit/s

95th percentile per-packet one-way delay: 8.616 ms

Loss rate: 0.33%

Run 4: Report of PCC — Data Link



Run 5: Statistics of PCC

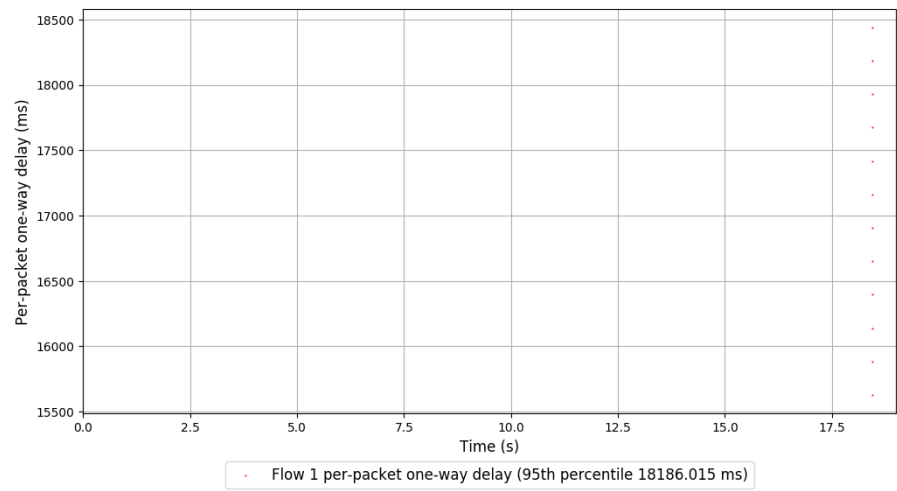
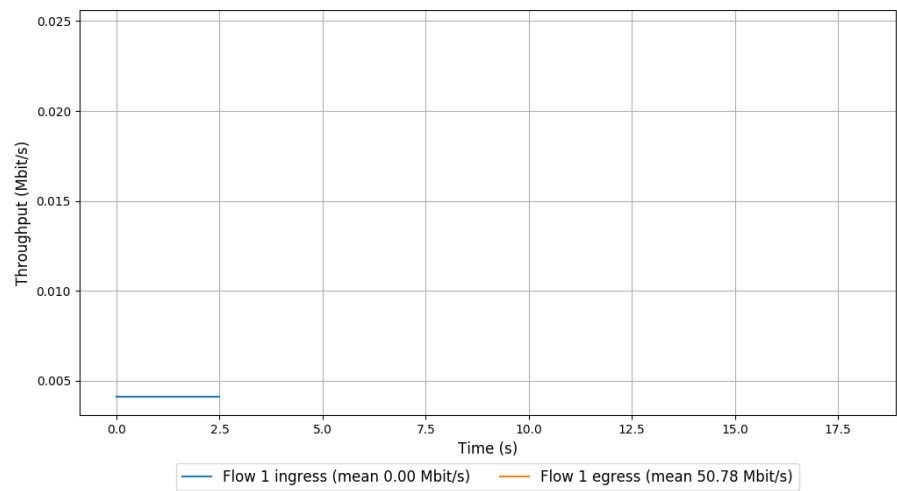
Start at: Wed, 05 Jul 2017 11:34:19 +0000

End at: Wed, 05 Jul 2017 11:34:49 +0000

Local clock offset: 0.864 ms

Remote clock offset: -21.461 ms

Run 5: Report of PCC — Data Link



Run 6: Statistics of PCC

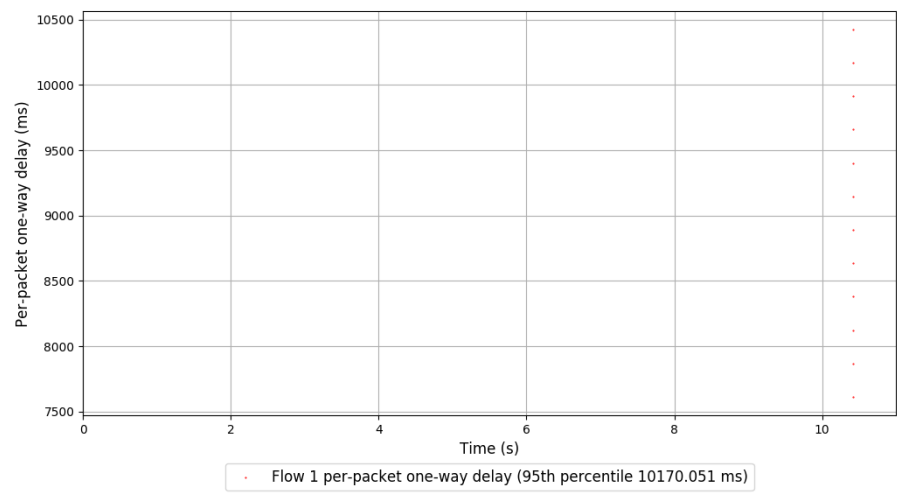
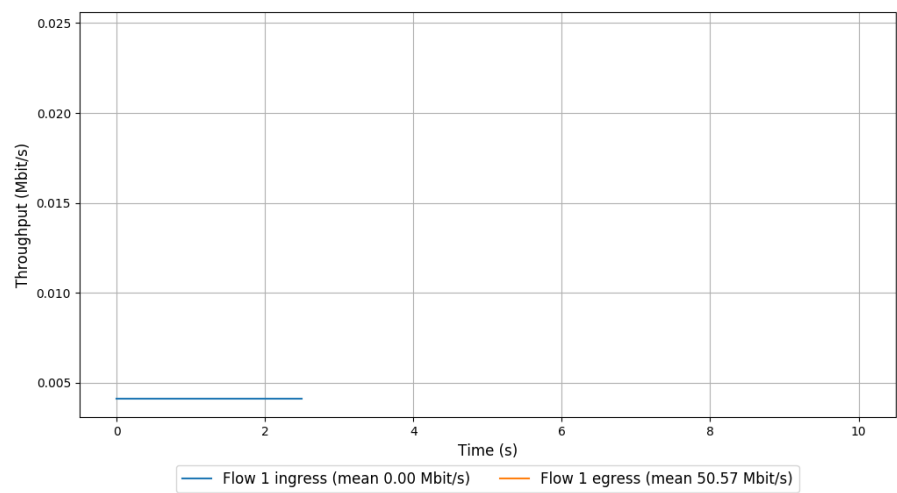
Start at: Wed, 05 Jul 2017 11:52:20 +0000

End at: Wed, 05 Jul 2017 11:52:50 +0000

Local clock offset: 3.44 ms

Remote clock offset: -39.484 ms

Run 6: Report of PCC — Data Link



Run 7: Statistics of PCC

Start at: Wed, 05 Jul 2017 12:10:22 +0000

End at: Wed, 05 Jul 2017 12:10:52 +0000

Local clock offset: 0.606 ms

Remote clock offset: -37.832 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:49:08 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.48 Mbit/s

95th percentile per-packet one-way delay: 11.081 ms

Loss rate: 0.30%

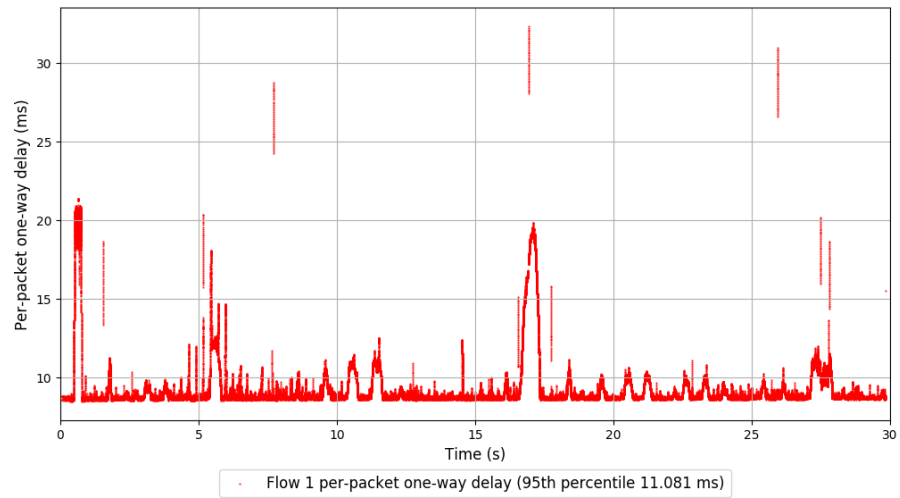
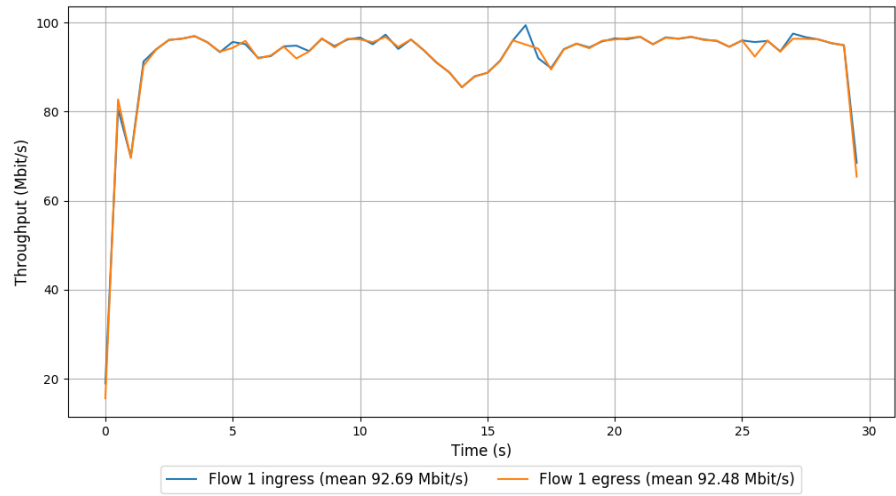
-- Flow 1:

Average throughput: 92.48 Mbit/s

95th percentile per-packet one-way delay: 11.081 ms

Loss rate: 0.30%

Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

Start at: Wed, 05 Jul 2017 12:28:02 +0000

End at: Wed, 05 Jul 2017 12:28:32 +0000

Local clock offset: 0.69 ms

Remote clock offset: -35.674 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:49:09 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.91 Mbit/s

95th percentile per-packet one-way delay: 13.607 ms

Loss rate: 0.30%

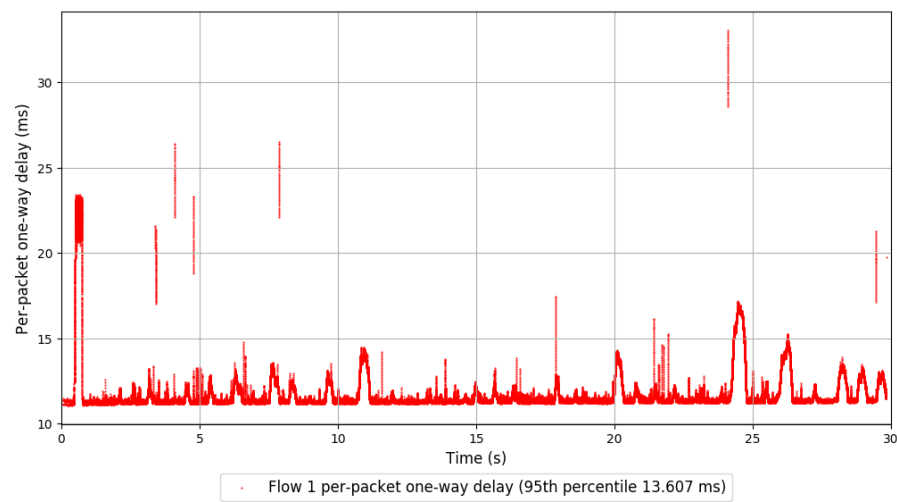
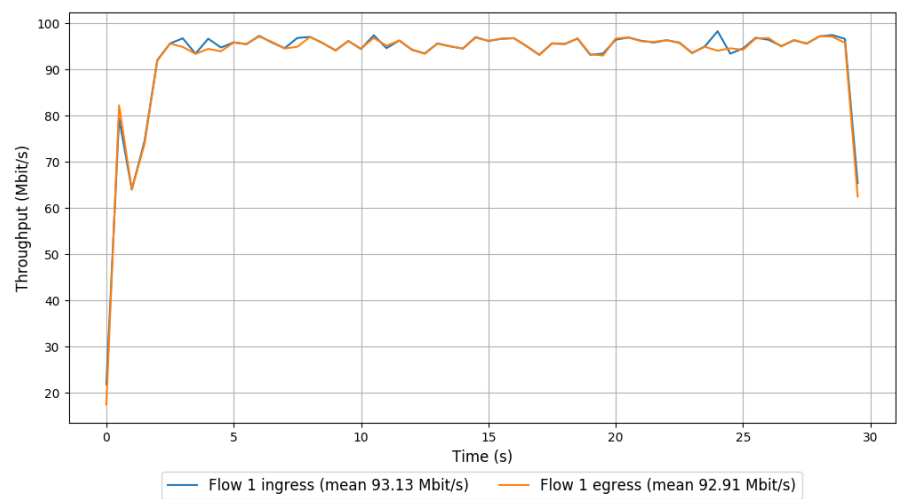
-- Flow 1:

Average throughput: 92.91 Mbit/s

95th percentile per-packet one-way delay: 13.607 ms

Loss rate: 0.30%

Run 8: Report of PCC — Data Link



Run 9: Statistics of PCC

Start at: Wed, 05 Jul 2017 12:45:38 +0000

End at: Wed, 05 Jul 2017 12:46:08 +0000

Local clock offset: 2.438 ms

Remote clock offset: -29.905 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:49:22 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.35 Mbit/s

95th percentile per-packet one-way delay: 16.280 ms

Loss rate: 0.21%

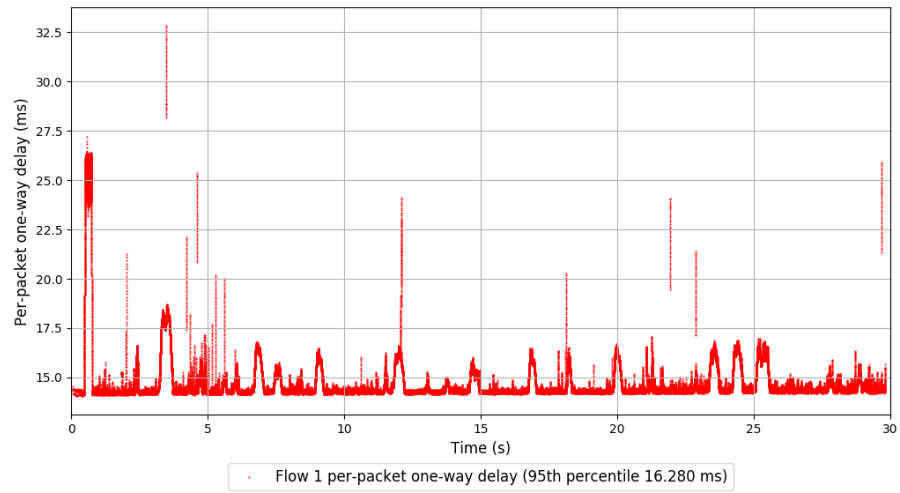
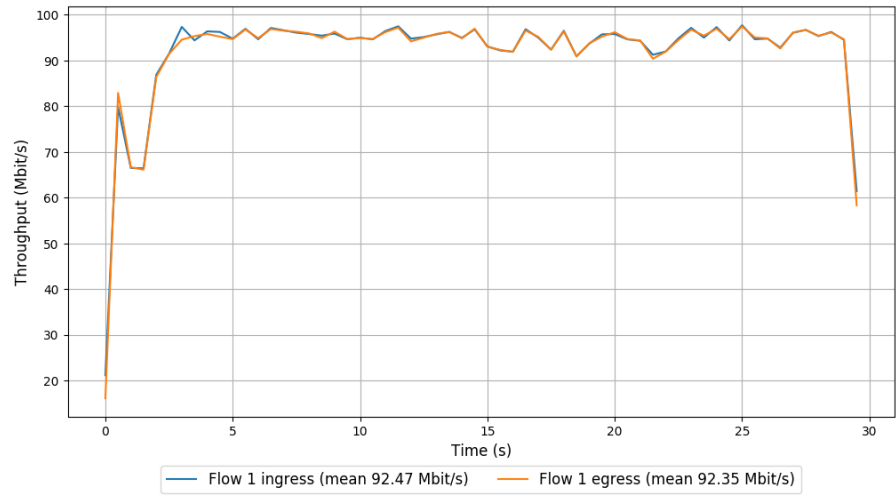
-- Flow 1:

Average throughput: 92.35 Mbit/s

95th percentile per-packet one-way delay: 16.280 ms

Loss rate: 0.21%

Run 9: Report of PCC — Data Link



Run 10: Statistics of PCC

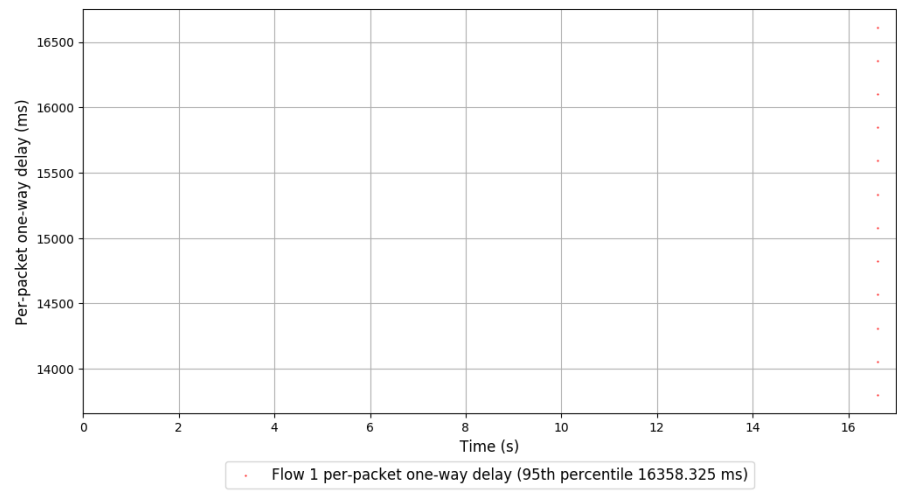
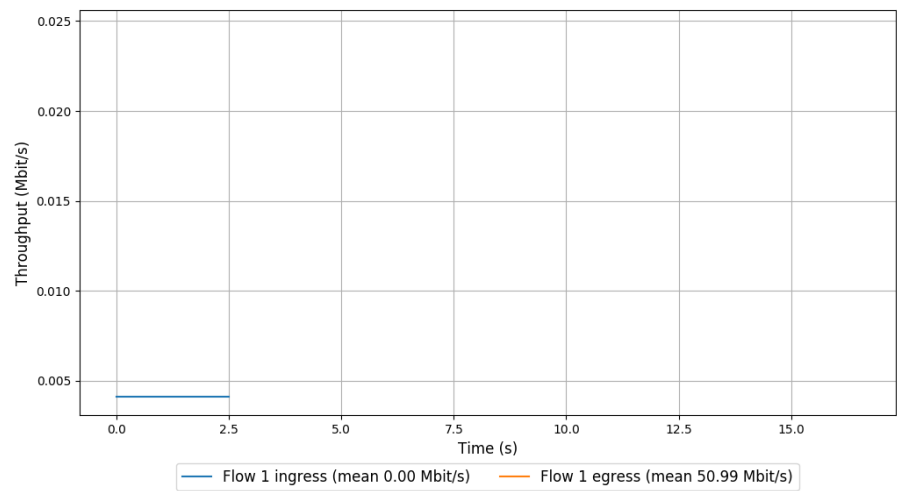
Start at: Wed, 05 Jul 2017 13:03:20 +0000

End at: Wed, 05 Jul 2017 13:03:50 +0000

Local clock offset: 1.195 ms

Remote clock offset: -31.086 ms

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: Wed, 05 Jul 2017 10:23:47 +0000

End at: Wed, 05 Jul 2017 10:24:17 +0000

Local clock offset: 0.781 ms

Remote clock offset: -18.037 ms

Run 1: Report of QUIC Cubic — Data Link

Figure is missing

Figure is missing

Run 2: Statistics of QUIC Cubic

Start at: Wed, 05 Jul 2017 10:41:45 +0000

End at: Wed, 05 Jul 2017 10:42:15 +0000

Local clock offset: 2.848 ms

Remote clock offset: -19.109 ms

Run 2: Report of QUIC Cubic — Data Link

Figure is missing

Figure is missing

Run 3: Statistics of QUIC Cubic

Start at: Wed, 05 Jul 2017 10:59:59 +0000

End at: Wed, 05 Jul 2017 11:00:29 +0000

Local clock offset: 1.224 ms

Remote clock offset: -23.222 ms

Run 3: Report of QUIC Cubic — Data Link

Figure is missing

Figure is missing

Run 4: Statistics of QUIC Cubic

Start at: Wed, 05 Jul 2017 11:17:45 +0000

End at: Wed, 05 Jul 2017 11:18:15 +0000

Local clock offset: 3.726 ms

Remote clock offset: -22.872 ms

Run 4: Report of QUIC Cubic — Data Link

Figure is missing

Figure is missing

Run 5: Statistics of QUIC Cubic

Start at: Wed, 05 Jul 2017 11:35:23 +0000

End at: Wed, 05 Jul 2017 11:35:53 +0000

Local clock offset: 3.42 ms

Remote clock offset: -22.27 ms

Run 5: Report of QUIC Cubic — Data Link

Figure is missing

Figure is missing

Run 6: Statistics of QUIC Cubic

Start at: Wed, 05 Jul 2017 11:53:29 +0000

End at: Wed, 05 Jul 2017 11:53:59 +0000

Local clock offset: 1.201 ms

Remote clock offset: -39.963 ms

Run 6: Report of QUIC Cubic — Data Link

Figure is missing

Figure is missing

Run 7: Statistics of QUIC Cubic

Start at: Wed, 05 Jul 2017 12:11:33 +0000

End at: Wed, 05 Jul 2017 12:12:03 +0000

Local clock offset: 2.381 ms

Remote clock offset: -38.154 ms

Run 7: Report of QUIC Cubic — Data Link

Figure is missing

Figure is missing

Run 8: Statistics of QUIC Cubic

Start at: Wed, 05 Jul 2017 12:29:12 +0000

End at: Wed, 05 Jul 2017 12:29:42 +0000

Local clock offset: 2.643 ms

Remote clock offset: -35.177 ms

Run 8: Report of QUIC Cubic — Data Link

Figure is missing

Figure is missing

Run 9: Statistics of QUIC Cubic

Start at: Wed, 05 Jul 2017 12:46:48 +0000

End at: Wed, 05 Jul 2017 12:47:18 +0000

Local clock offset: 1.938 ms

Remote clock offset: -33.368 ms

Run 9: Report of QUIC Cubic — Data Link

Figure is missing

Figure is missing

Run 10: Statistics of QUIC Cubic

Start at: Wed, 05 Jul 2017 13:04:24 +0000

End at: Wed, 05 Jul 2017 13:04:54 +0000

Local clock offset: -1.095 ms

Remote clock offset: -31.883 ms

Run 10: Report of QUIC Cubic — Data Link

Figure is missing

Figure is missing

Run 1: Statistics of Saturator

Start at: Wed, 05 Jul 2017 10:16:51 +0000

End at: Wed, 05 Jul 2017 10:17:21 +0000

Local clock offset: 3.293 ms

Remote clock offset: -16.862 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:49:23 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.58 Mbit/s

95th percentile per-packet one-way delay: 14.391 ms

Loss rate: 0.25%

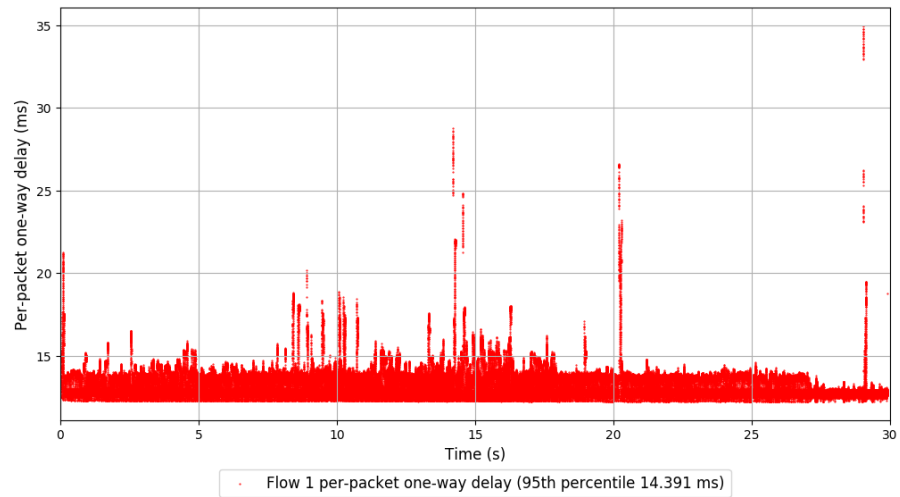
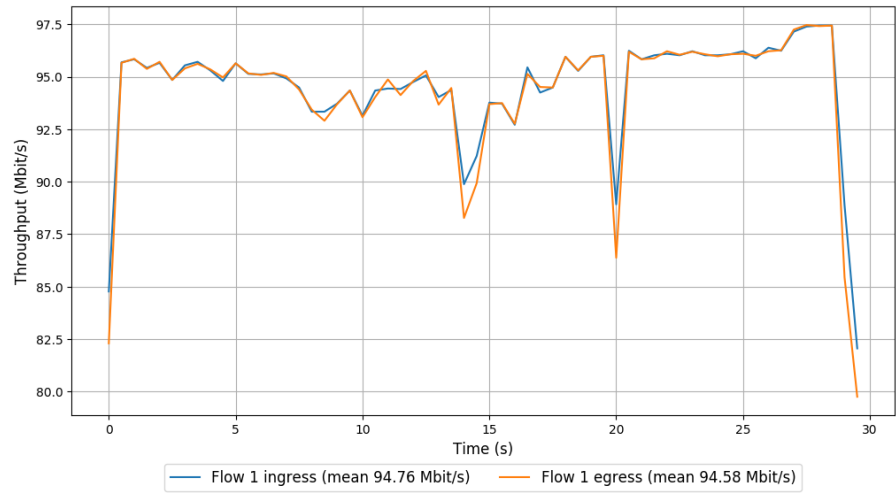
-- Flow 1:

Average throughput: 94.58 Mbit/s

95th percentile per-packet one-way delay: 14.391 ms

Loss rate: 0.25%

Run 1: Report of Saturator — Data Link



Run 2: Statistics of Saturator

Start at: Wed, 05 Jul 2017 10:34:42 +0000

End at: Wed, 05 Jul 2017 10:35:12 +0000

Local clock offset: 3.474 ms

Remote clock offset: -20.268 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:49:32 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.27 Mbit/s

95th percentile per-packet one-way delay: 11.742 ms

Loss rate: 0.41%

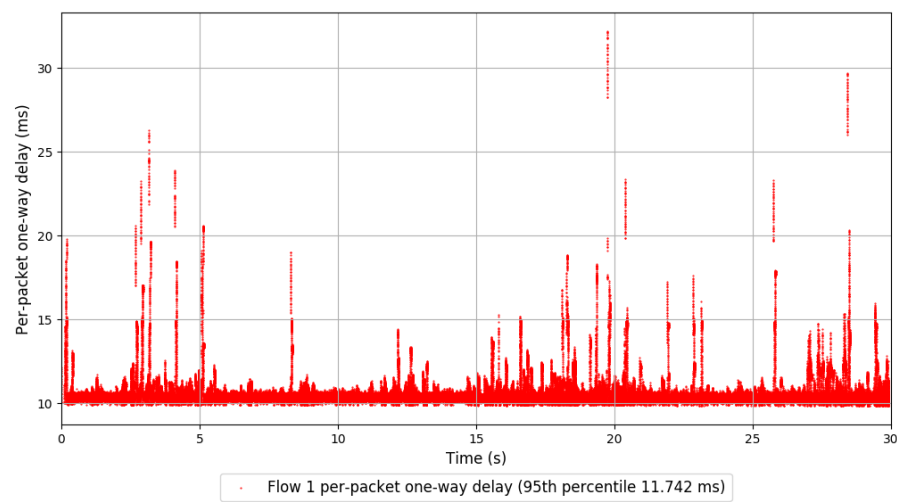
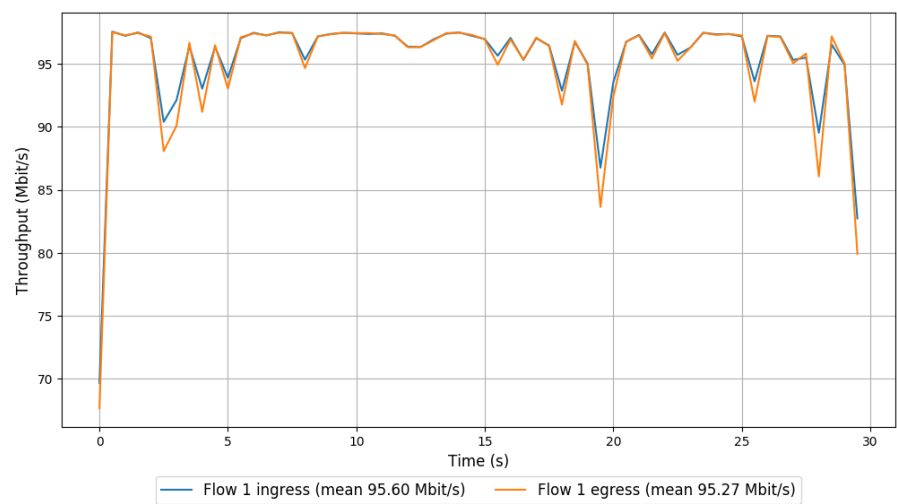
-- Flow 1:

Average throughput: 95.27 Mbit/s

95th percentile per-packet one-way delay: 11.742 ms

Loss rate: 0.41%

Run 2: Report of Saturator — Data Link



Run 3: Statistics of Saturator

Start at: Wed, 05 Jul 2017 10:52:47 +0000

End at: Wed, 05 Jul 2017 10:53:17 +0000

Local clock offset: 1.191 ms

Remote clock offset: -20.416 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:49:36 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.44 Mbit/s

95th percentile per-packet one-way delay: 8.934 ms

Loss rate: 0.19%

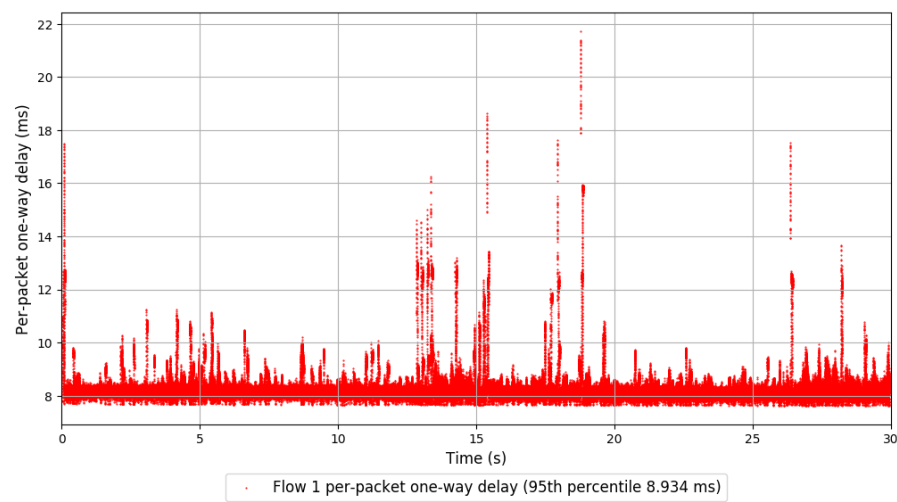
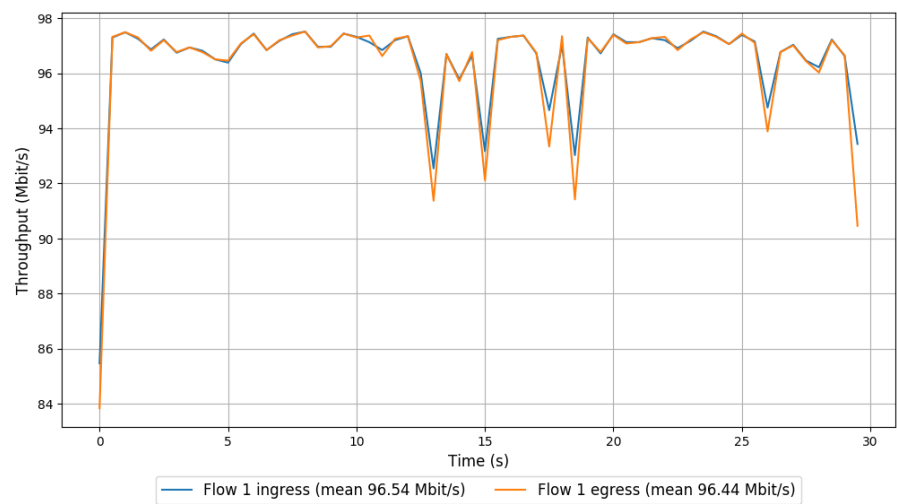
-- Flow 1:

Average throughput: 96.44 Mbit/s

95th percentile per-packet one-way delay: 8.934 ms

Loss rate: 0.19%

Run 3: Report of Saturator — Data Link



Run 4: Statistics of Saturator

Start at: Wed, 05 Jul 2017 11:10:39 +0000

End at: Wed, 05 Jul 2017 11:11:09 +0000

Local clock offset: 1.252 ms

Remote clock offset: -24.554 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:49:47 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.54 Mbit/s

95th percentile per-packet one-way delay: 6.703 ms

Loss rate: 0.18%

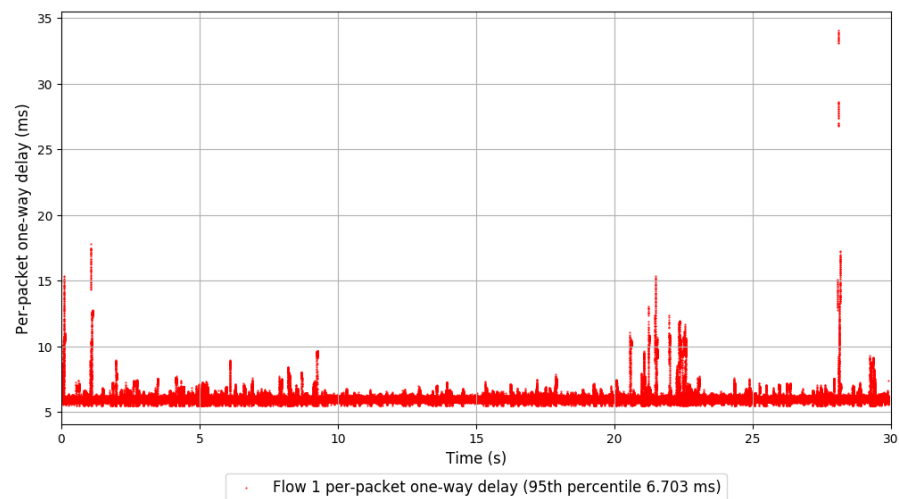
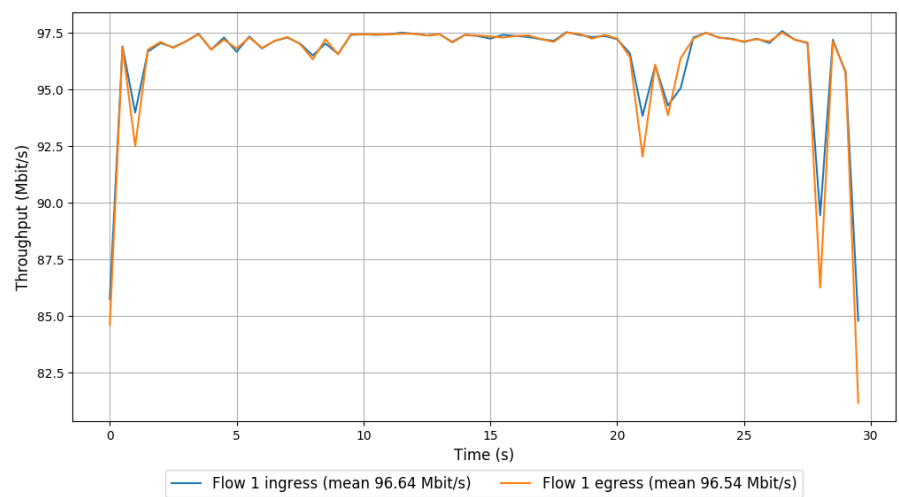
-- Flow 1:

Average throughput: 96.54 Mbit/s

95th percentile per-packet one-way delay: 6.703 ms

Loss rate: 0.18%

Run 4: Report of Saturator — Data Link



Run 5: Statistics of Saturator

Start at: Wed, 05 Jul 2017 11:28:30 +0000

End at: Wed, 05 Jul 2017 11:29:00 +0000

Local clock offset: 1.616 ms

Remote clock offset: -23.216 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:49:49 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.26 Mbit/s

95th percentile per-packet one-way delay: 7.019 ms

Loss rate: 0.18%

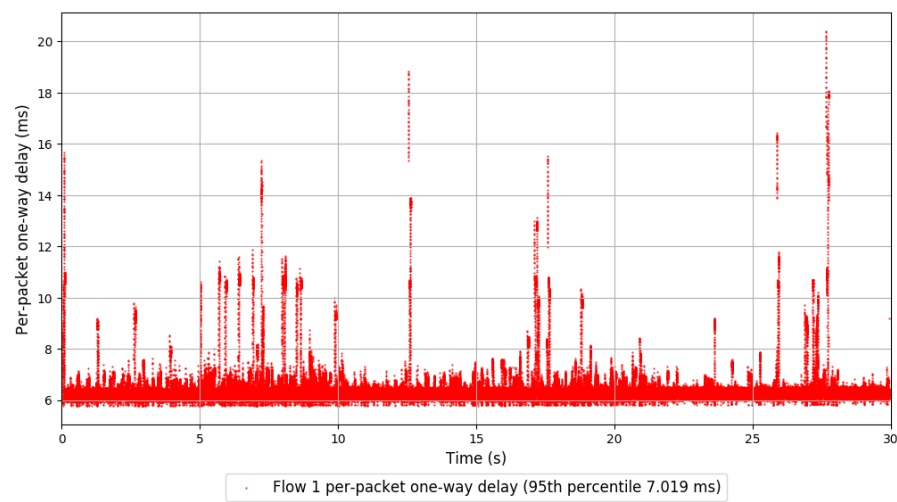
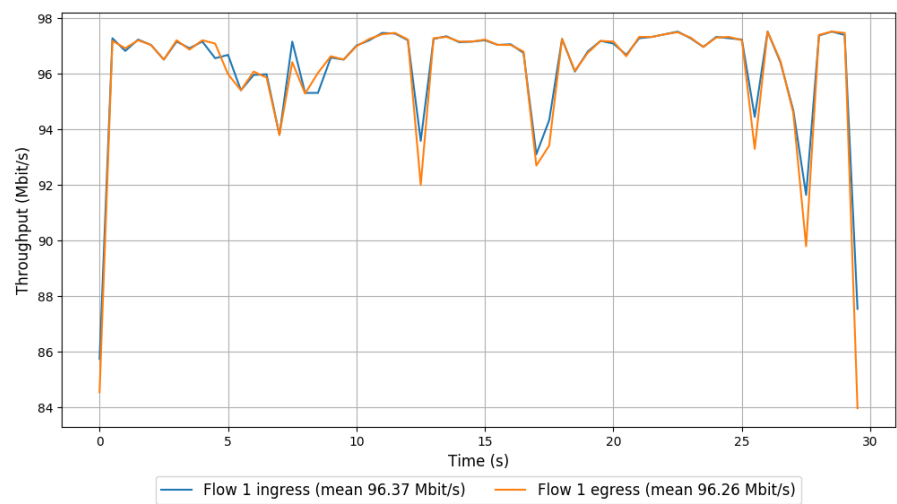
-- Flow 1:

Average throughput: 96.26 Mbit/s

95th percentile per-packet one-way delay: 7.019 ms

Loss rate: 0.18%

Run 5: Report of Saturator — Data Link



Run 6: Statistics of Saturator

Start at: Wed, 05 Jul 2017 11:46:18 +0000

End at: Wed, 05 Jul 2017 11:46:48 +0000

Local clock offset: 1.39 ms

Remote clock offset: -21.091 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:50:00 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.50 Mbit/s

95th percentile per-packet one-way delay: 8.067 ms

Loss rate: 0.21%

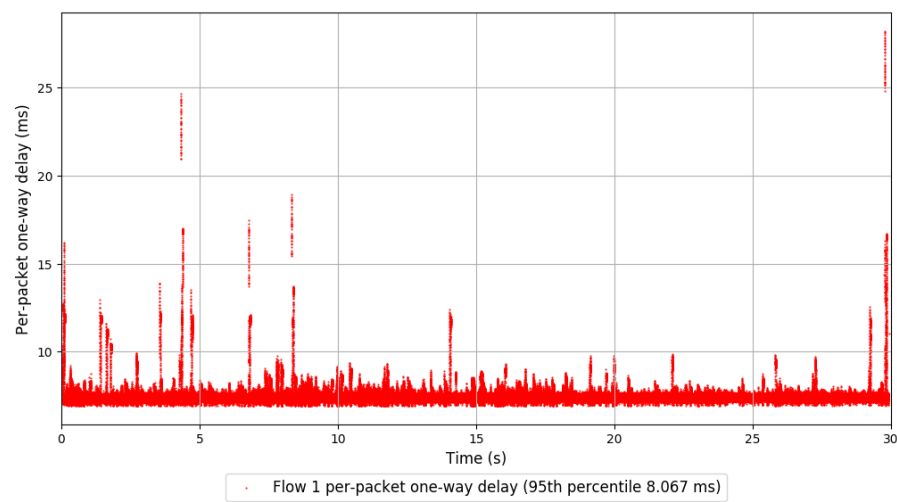
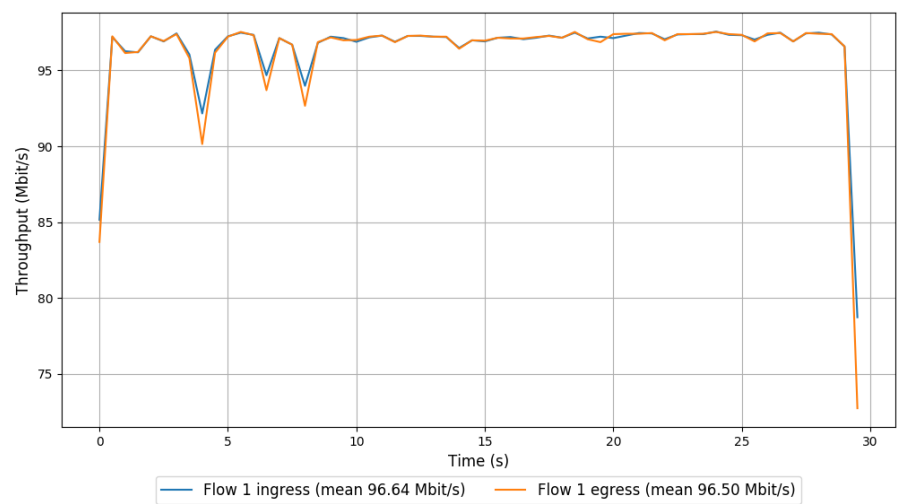
-- Flow 1:

Average throughput: 96.50 Mbit/s

95th percentile per-packet one-way delay: 8.067 ms

Loss rate: 0.21%

Run 6: Report of Saturator — Data Link



Run 7: Statistics of Saturator

Start at: Wed, 05 Jul 2017 12:04:34 +0000

End at: Wed, 05 Jul 2017 12:05:04 +0000

Local clock offset: 3.133 ms

Remote clock offset: -37.238 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:50:01 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.48 Mbit/s

95th percentile per-packet one-way delay: 9.046 ms

Loss rate: 0.20%

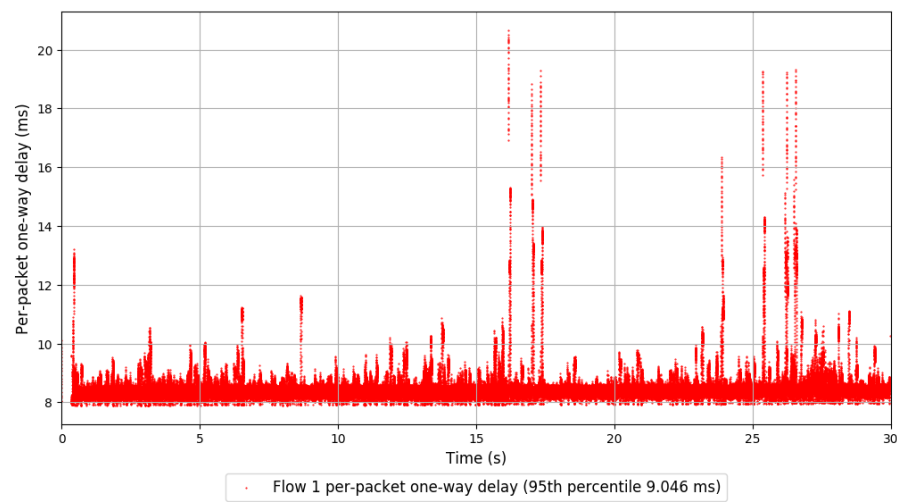
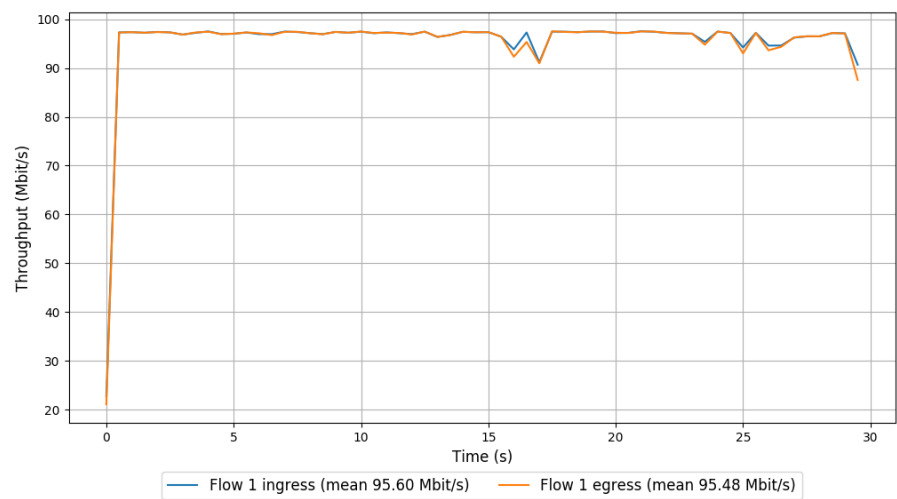
-- Flow 1:

Average throughput: 95.48 Mbit/s

95th percentile per-packet one-way delay: 9.046 ms

Loss rate: 0.20%

Run 7: Report of Saturator — Data Link



Run 8: Statistics of Saturator

Start at: Wed, 05 Jul 2017 12:22:14 +0000

End at: Wed, 05 Jul 2017 12:22:44 +0000

Local clock offset: 3.796 ms

Remote clock offset: -36.088 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:50:14 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.61 Mbit/s

95th percentile per-packet one-way delay: 11.501 ms

Loss rate: 0.47%

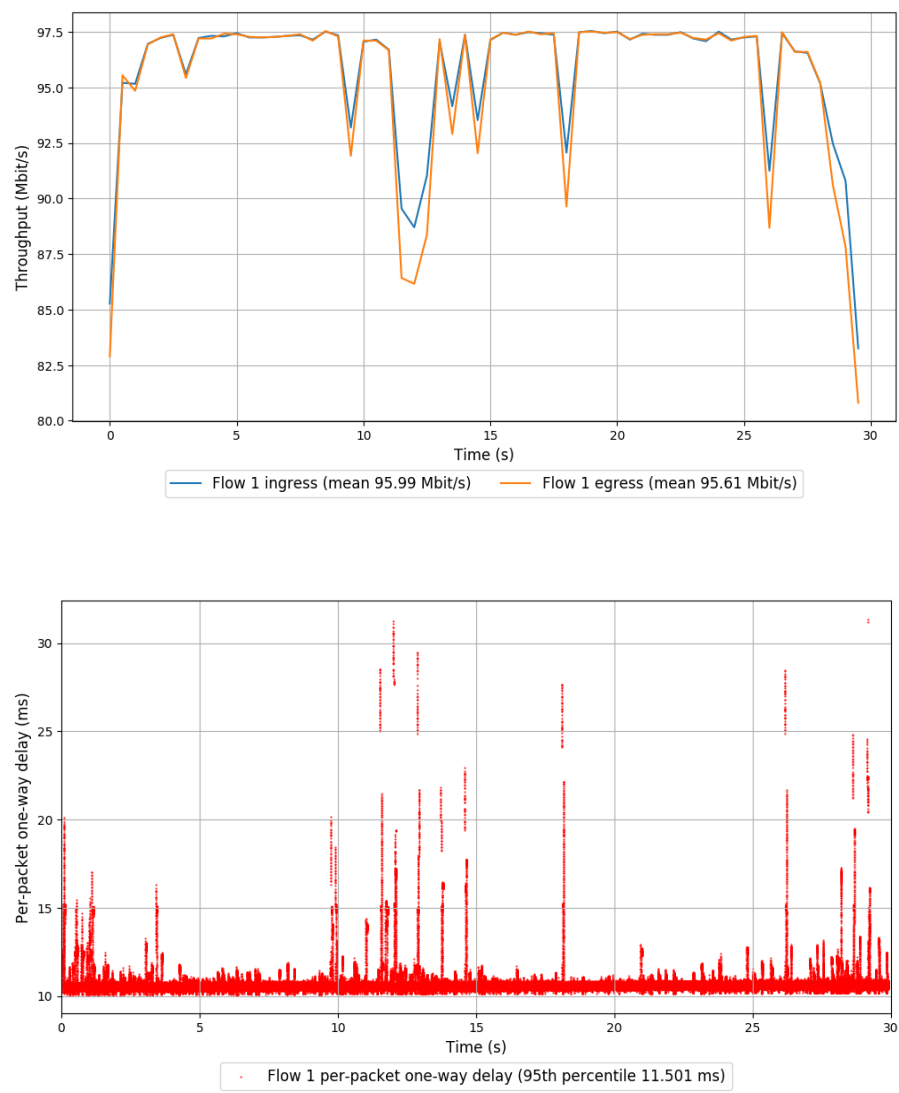
-- Flow 1:

Average throughput: 95.61 Mbit/s

95th percentile per-packet one-way delay: 11.501 ms

Loss rate: 0.47%

Run 8: Report of Saturator — Data Link



Run 9: Statistics of Saturator

Start at: Wed, 05 Jul 2017 12:39:54 +0000

End at: Wed, 05 Jul 2017 12:40:24 +0000

Local clock offset: 2.586 ms

Remote clock offset: -33.632 ms

Run 9: Report of Saturator — Data Link

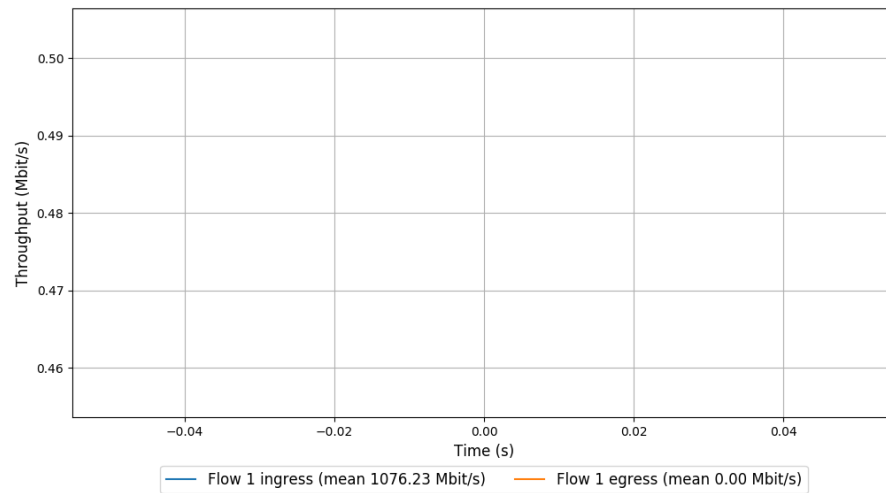


Figure is missing

Run 10: Statistics of Saturator

Start at: Wed, 05 Jul 2017 12:57:28 +0000

End at: Wed, 05 Jul 2017 12:57:58 +0000

Local clock offset: -0.752 ms

Remote clock offset: -31.531 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:50:14 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.51 Mbit/s

95th percentile per-packet one-way delay: 16.889 ms

Loss rate: 0.20%

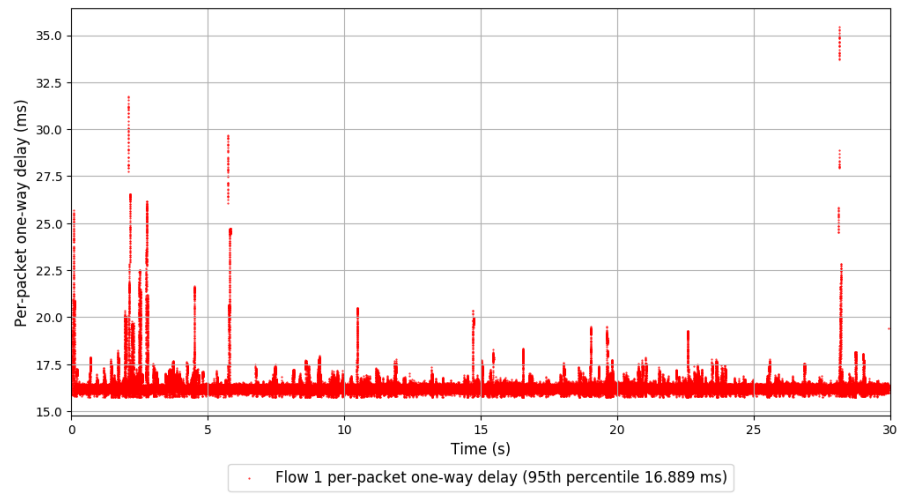
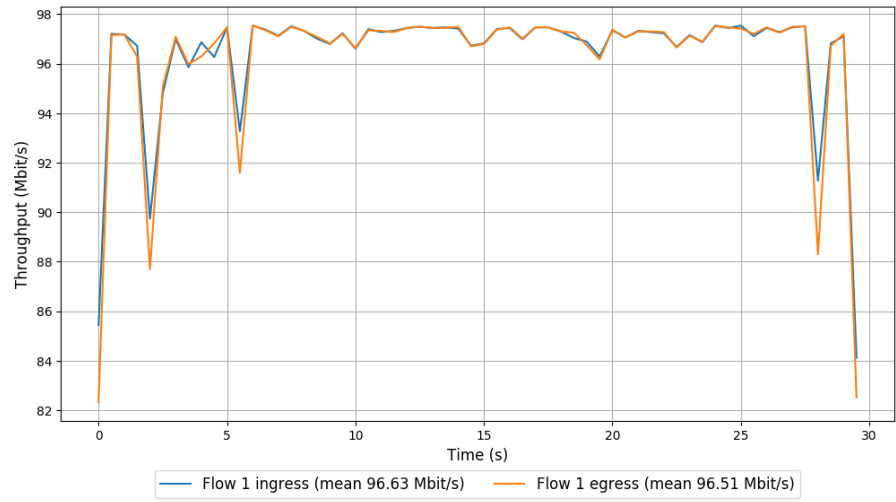
-- Flow 1:

Average throughput: 96.51 Mbit/s

95th percentile per-packet one-way delay: 16.889 ms

Loss rate: 0.20%

Run 10: Report of Saturator — Data Link



Run 1: Statistics of SCReAM

Start at: Wed, 05 Jul 2017 10:21:39 +0000

End at: Wed, 05 Jul 2017 10:22:09 +0000

Local clock offset: 0.775 ms

Remote clock offset: -17.022 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:50:15 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 11.805 ms

Loss rate: 0.00%

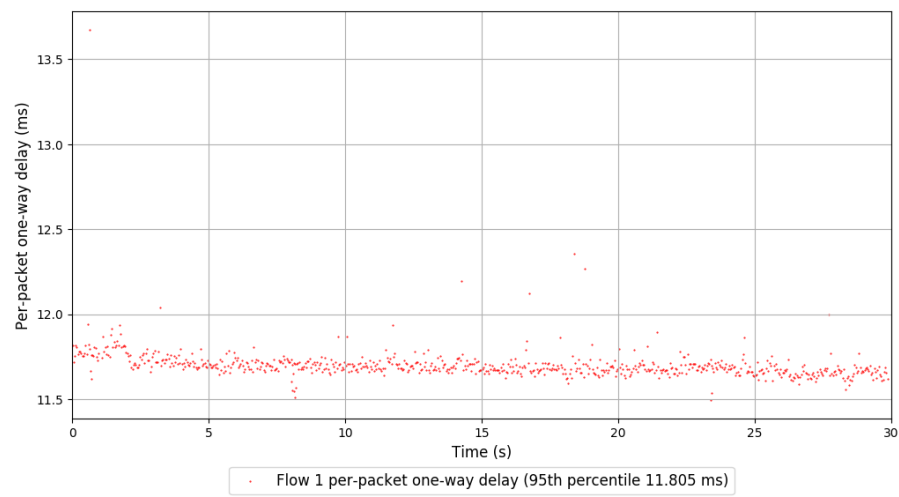
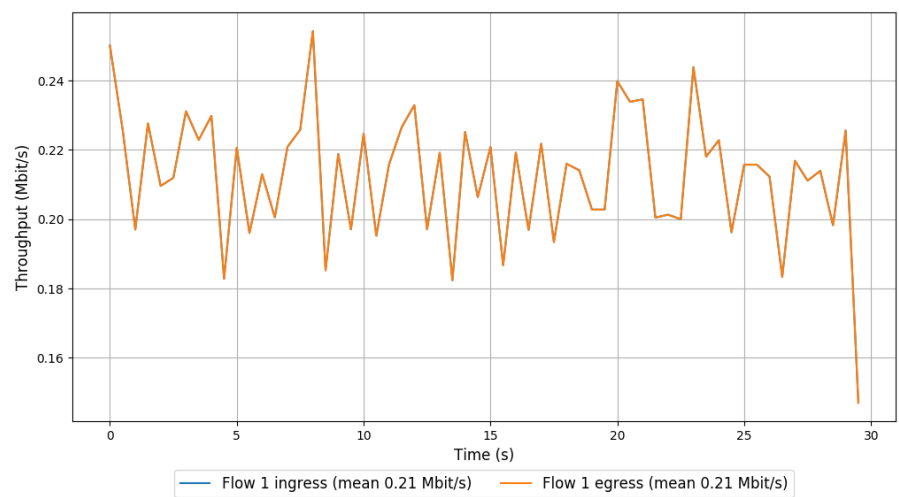
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 11.805 ms

Loss rate: 0.00%

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

Start at: Wed, 05 Jul 2017 10:39:25 +0000

End at: Wed, 05 Jul 2017 10:39:55 +0000

Local clock offset: 1.208 ms

Remote clock offset: -19.191 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:50:16 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 9.480 ms

Loss rate: 0.00%

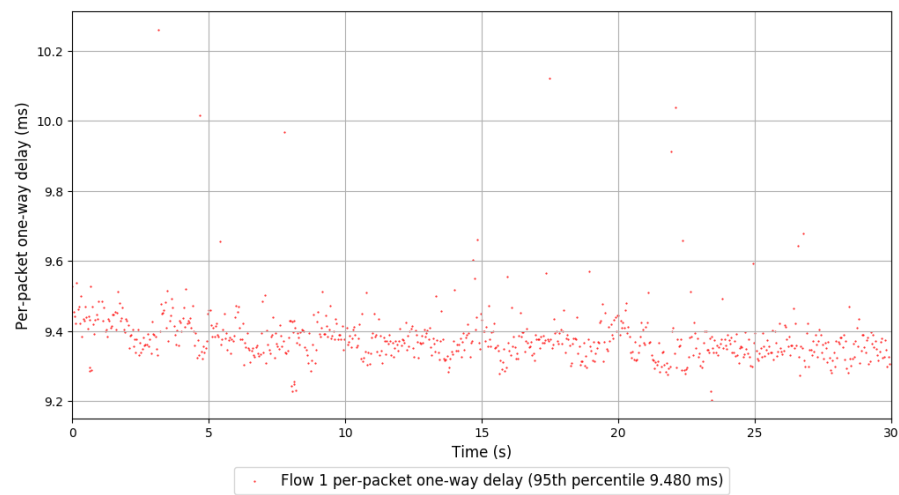
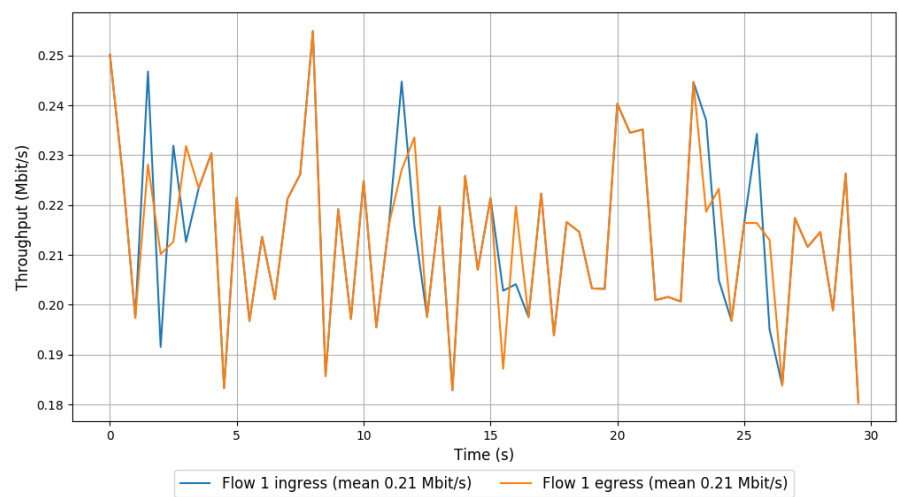
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 9.480 ms

Loss rate: 0.00%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SCReAM

Start at: Wed, 05 Jul 2017 10:57:46 +0000

End at: Wed, 05 Jul 2017 10:58:16 +0000

Local clock offset: 2.98 ms

Remote clock offset: -21.078 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:50:16 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 7.230 ms

Loss rate: 0.13%

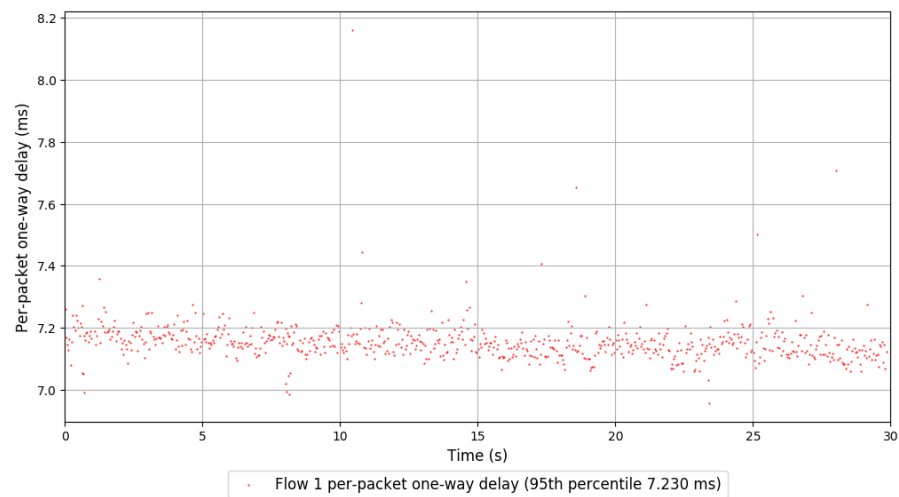
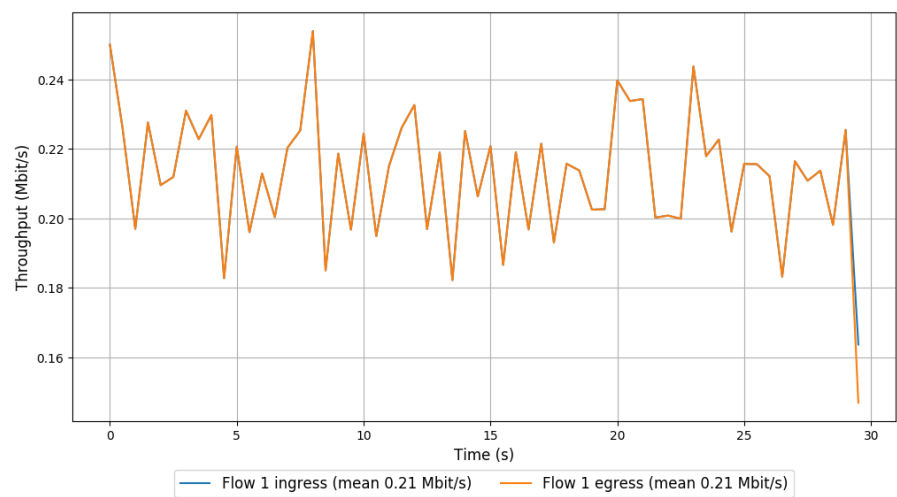
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 7.230 ms

Loss rate: 0.13%

Run 3: Report of SReAM — Data Link



Run 4: Statistics of SCReAM

Start at: Wed, 05 Jul 2017 11:15:31 +0000

End at: Wed, 05 Jul 2017 11:16:01 +0000

Local clock offset: 3.786 ms

Remote clock offset: -23.658 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:50:17 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 5.880 ms

Loss rate: 0.00%

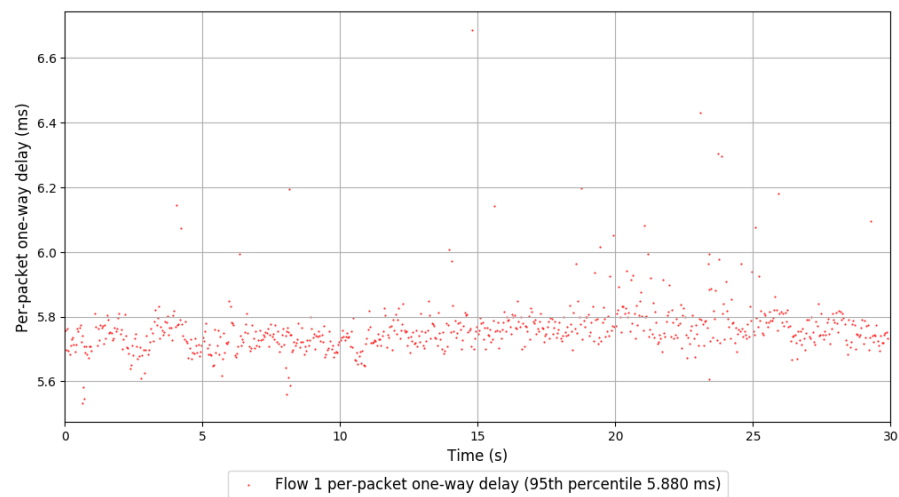
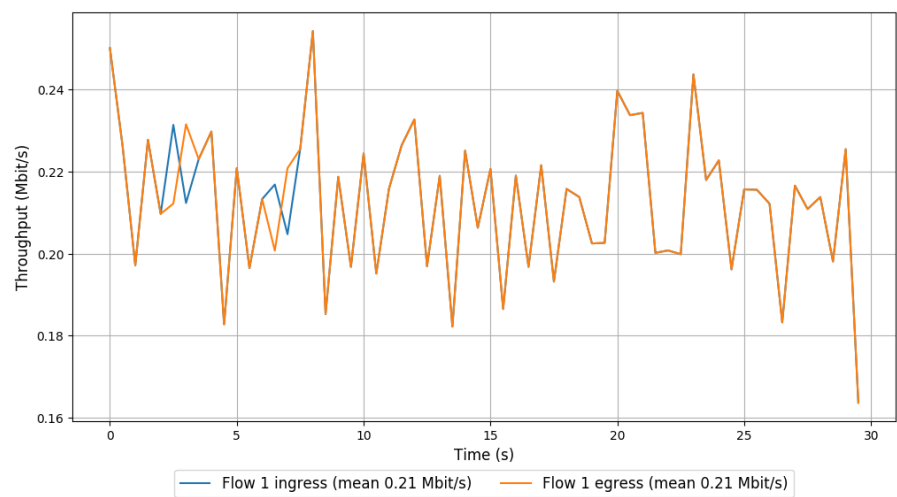
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 5.880 ms

Loss rate: 0.00%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

Start at: Wed, 05 Jul 2017 11:33:15 +0000

End at: Wed, 05 Jul 2017 11:33:45 +0000

Local clock offset: 3.91 ms

Remote clock offset: -22.877 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:50:17 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 6.395 ms

Loss rate: 0.13%

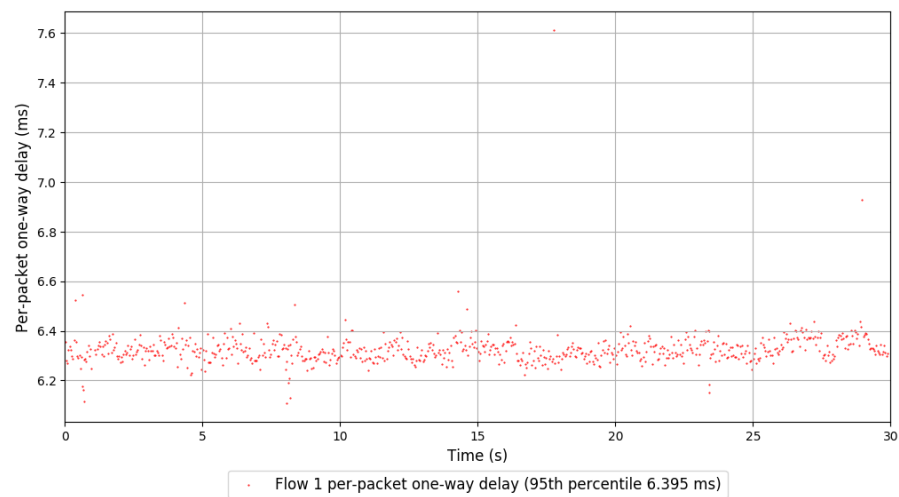
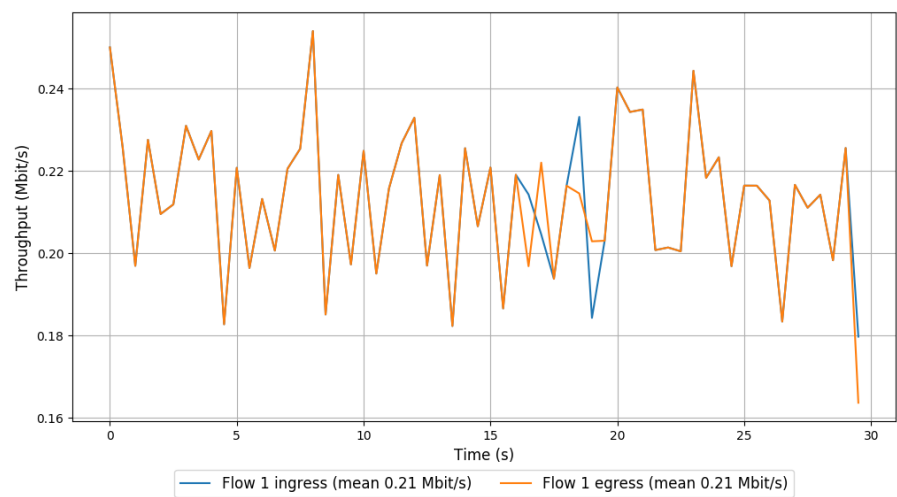
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 6.395 ms

Loss rate: 0.13%

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SCReAM

Start at: Wed, 05 Jul 2017 11:51:11 +0000

End at: Wed, 05 Jul 2017 11:51:41 +0000

Local clock offset: 0.912 ms

Remote clock offset: -39.623 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:50:18 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 7.417 ms

Loss rate: 0.13%

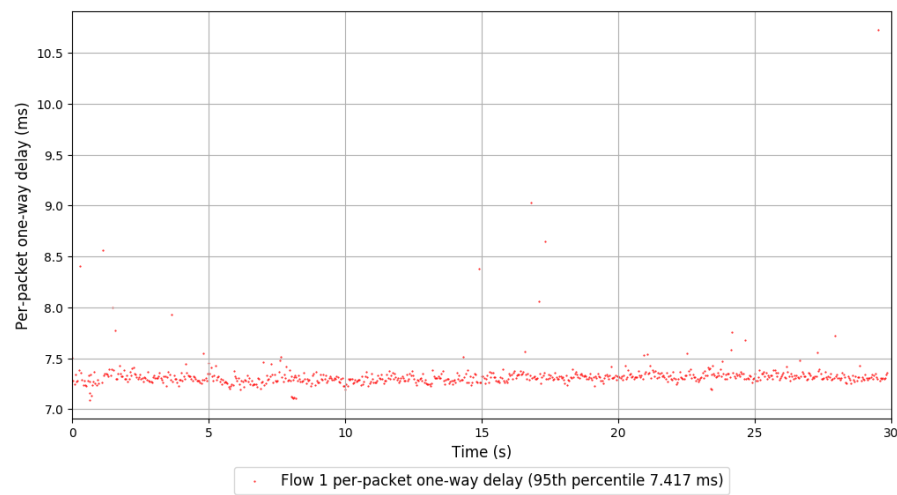
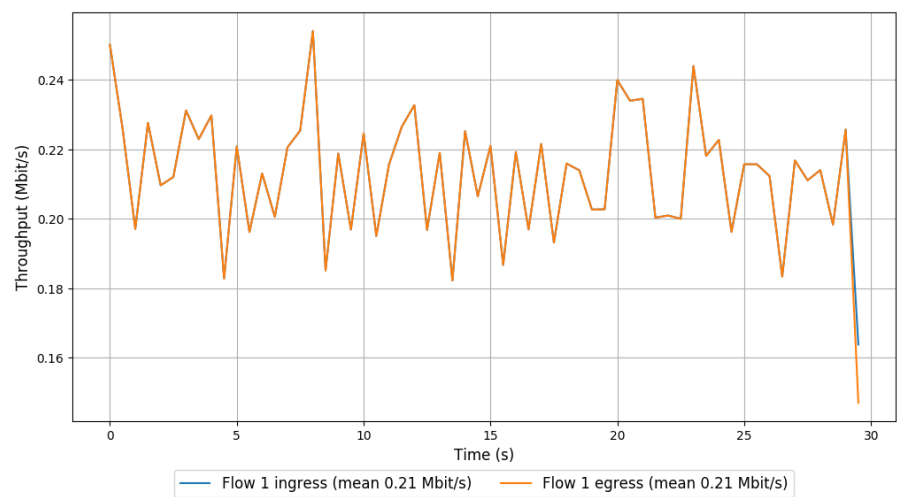
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 7.417 ms

Loss rate: 0.13%

Run 6: Report of SReAM — Data Link



Run 7: Statistics of SCReAM

Start at: Wed, 05 Jul 2017 12:09:18 +0000

End at: Wed, 05 Jul 2017 12:09:48 +0000

Local clock offset: 2.893 ms

Remote clock offset: -36.745 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:50:18 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 8.718 ms

Loss rate: 0.00%

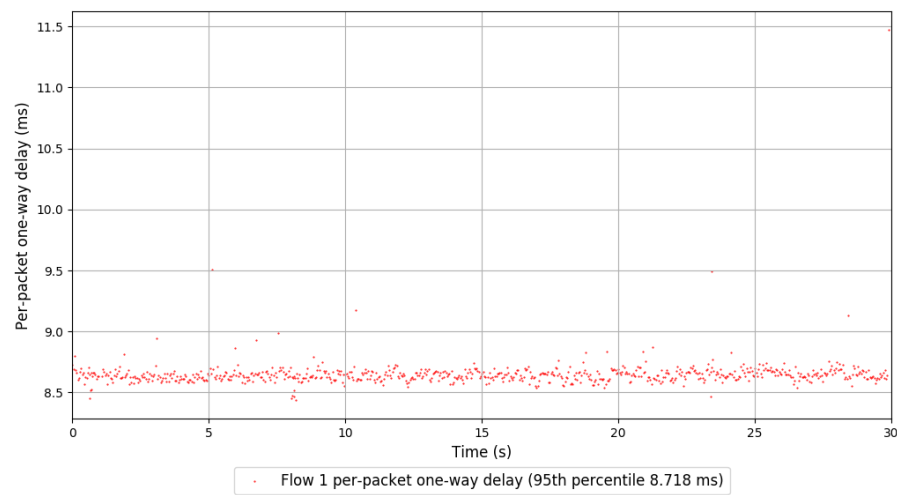
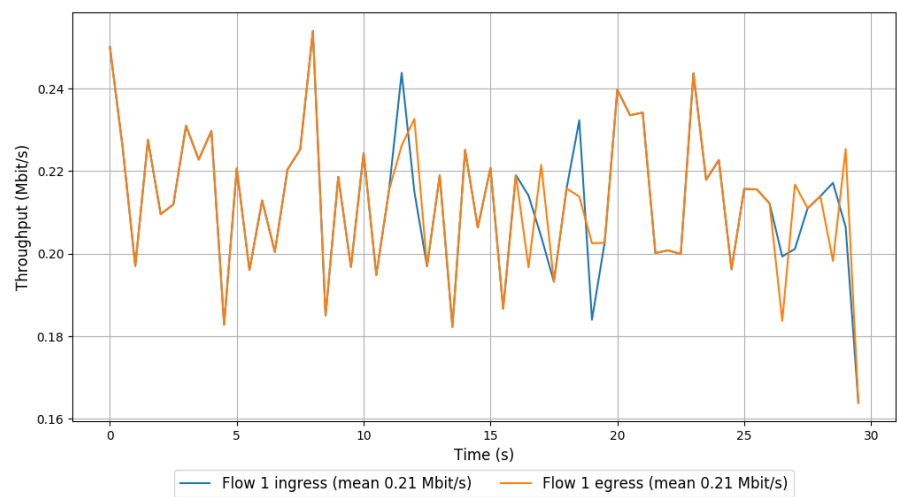
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 8.718 ms

Loss rate: 0.00%

Run 7: Report of SReAM — Data Link



Run 8: Statistics of SCReAM

Start at: Wed, 05 Jul 2017 12:26:58 +0000

End at: Wed, 05 Jul 2017 12:27:28 +0000

Local clock offset: 1.141 ms

Remote clock offset: -36.209 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:50:19 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 11.266 ms

Loss rate: 0.00%

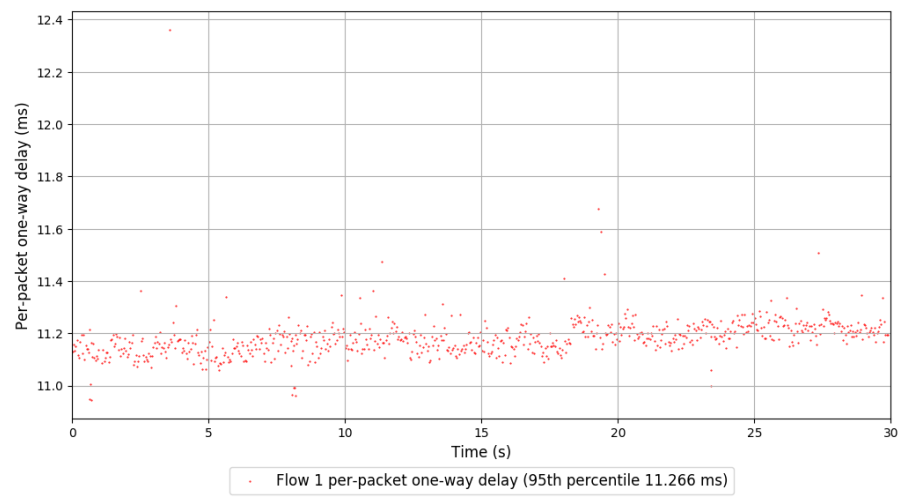
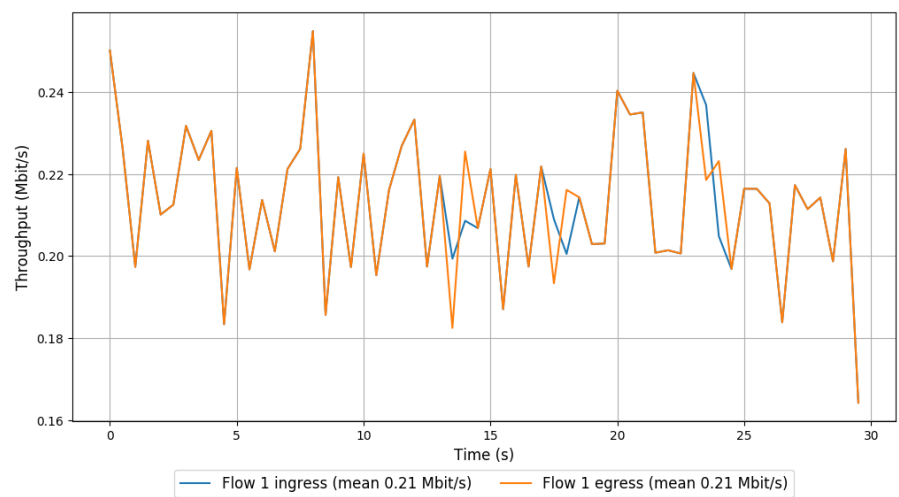
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 11.266 ms

Loss rate: 0.00%

Run 8: Report of SReAM — Data Link



Run 9: Statistics of SCReAM

Start at: Wed, 05 Jul 2017 12:44:34 +0000

End at: Wed, 05 Jul 2017 12:45:04 +0000

Local clock offset: -1.289 ms

Remote clock offset: -34.272 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:50:19 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 14.298 ms

Loss rate: 0.13%

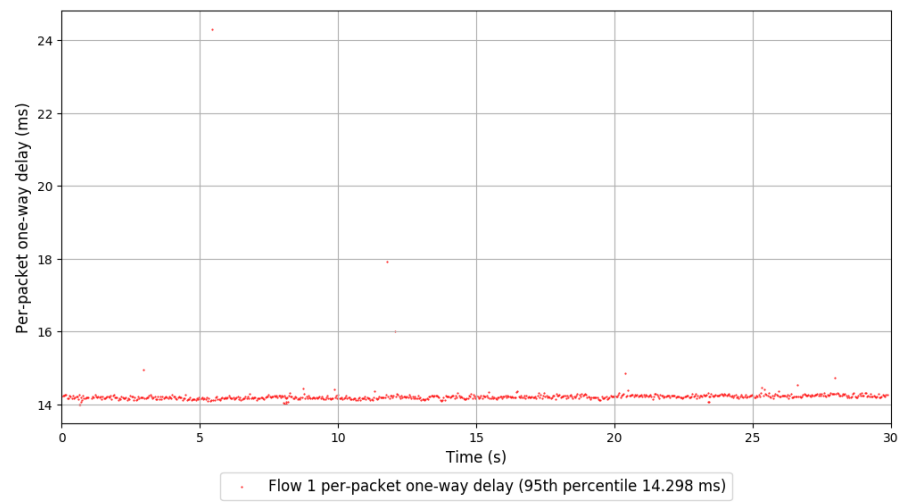
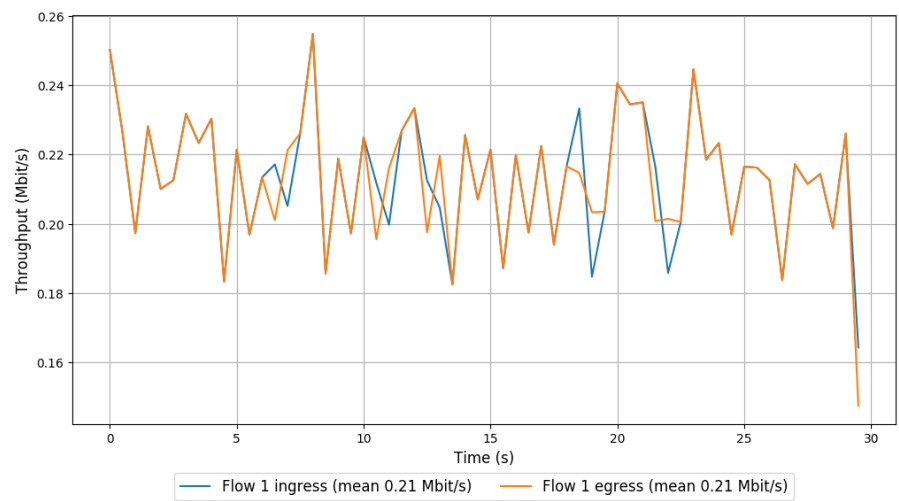
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 14.298 ms

Loss rate: 0.13%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SCReAM

Start at: Wed, 05 Jul 2017 13:02:15 +0000

End at: Wed, 05 Jul 2017 13:02:45 +0000

Local clock offset: -0.85 ms

Remote clock offset: -31.773 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:50:20 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 16.061 ms

Loss rate: 0.00%

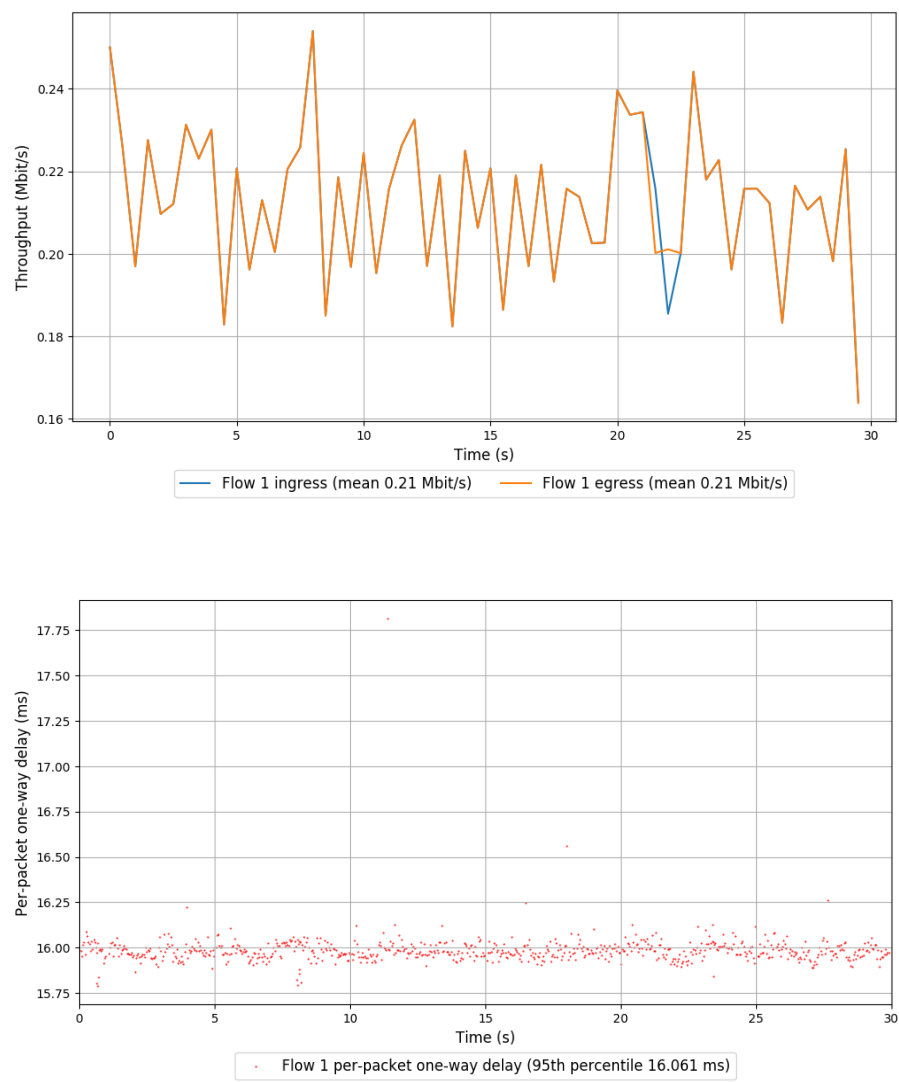
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 16.061 ms

Loss rate: 0.00%

Run 10: Report of SReAM — Data Link



Run 1: Statistics of Sprout

Start at: Wed, 05 Jul 2017 10:15:44 +0000

End at: Wed, 05 Jul 2017 10:16:14 +0000

Local clock offset: 3.825 ms

Remote clock offset: -15.323 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:50:23 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.58 Mbit/s

95th percentile per-packet one-way delay: 20.092 ms

Loss rate: 0.04%

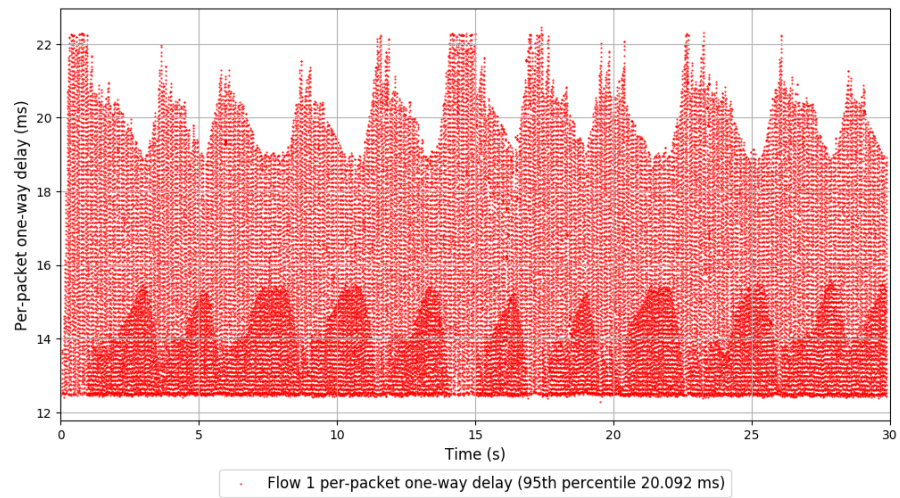
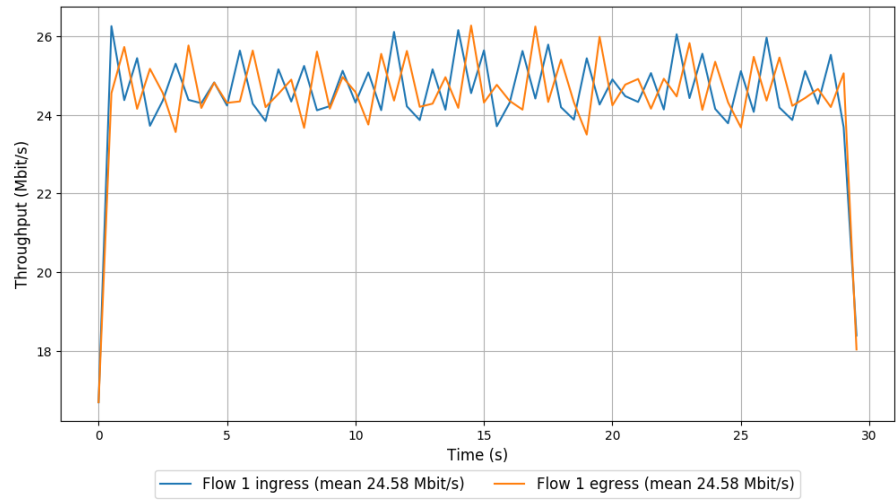
-- Flow 1:

Average throughput: 24.58 Mbit/s

95th percentile per-packet one-way delay: 20.092 ms

Loss rate: 0.04%

Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

Start at: Wed, 05 Jul 2017 10:33:36 +0000

End at: Wed, 05 Jul 2017 10:34:06 +0000

Local clock offset: 1.226 ms

Remote clock offset: -18.349 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:50:24 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.46 Mbit/s

95th percentile per-packet one-way delay: 17.750 ms

Loss rate: 0.05%

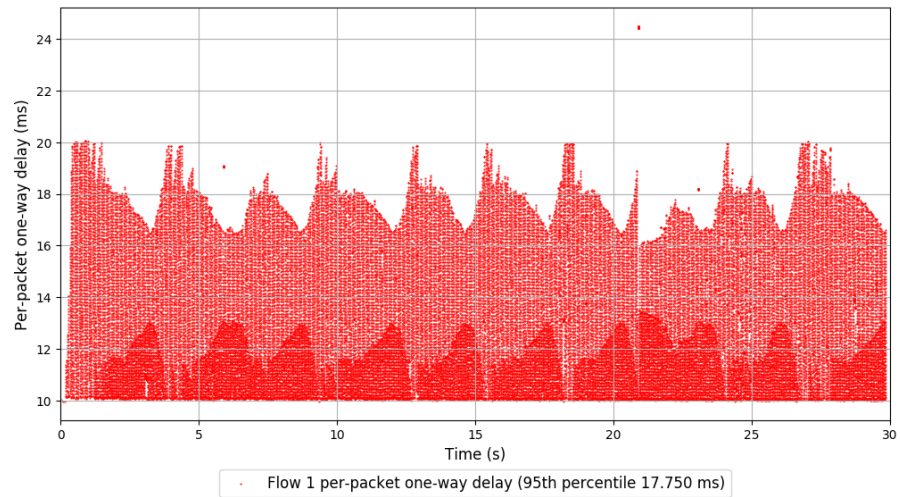
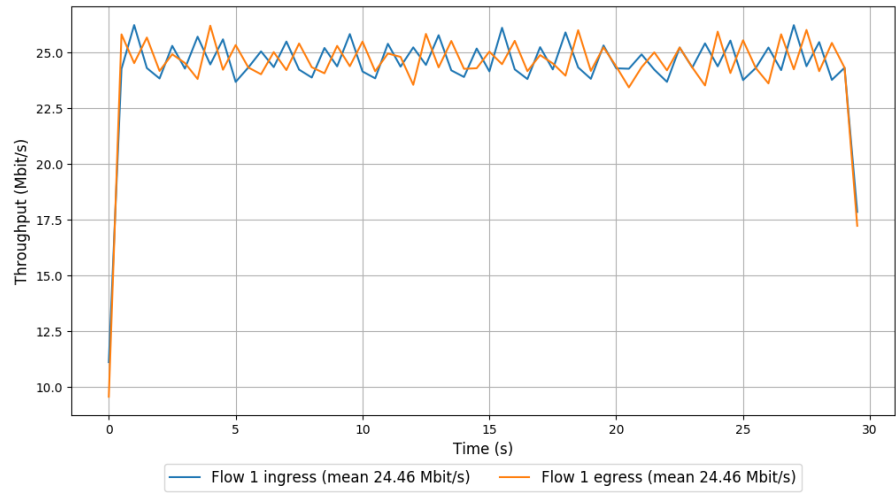
-- Flow 1:

Average throughput: 24.46 Mbit/s

95th percentile per-packet one-way delay: 17.750 ms

Loss rate: 0.05%

Run 2: Report of Sprout — Data Link



Run 3: Statistics of Sprout

Start at: Wed, 05 Jul 2017 10:51:41 +0000

End at: Wed, 05 Jul 2017 10:52:11 +0000

Local clock offset: 0.468 ms

Remote clock offset: -21.592 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:50:28 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.55 Mbit/s

95th percentile per-packet one-way delay: 15.698 ms

Loss rate: 0.09%

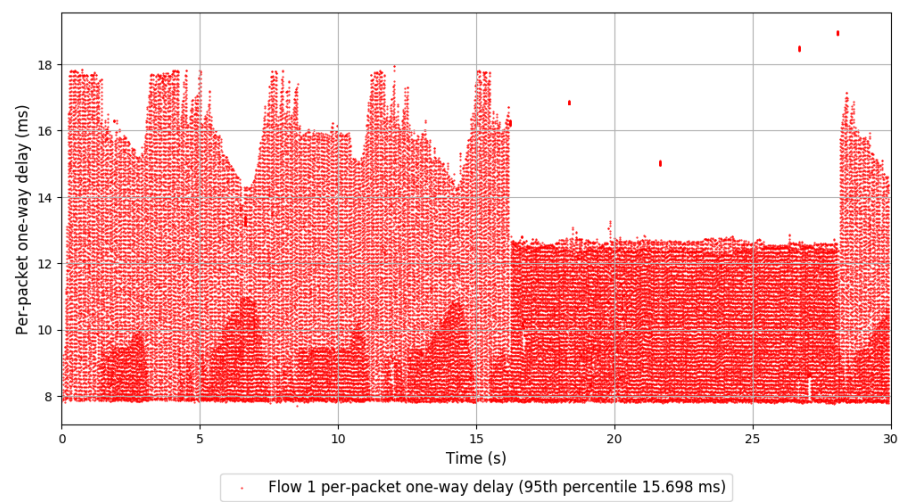
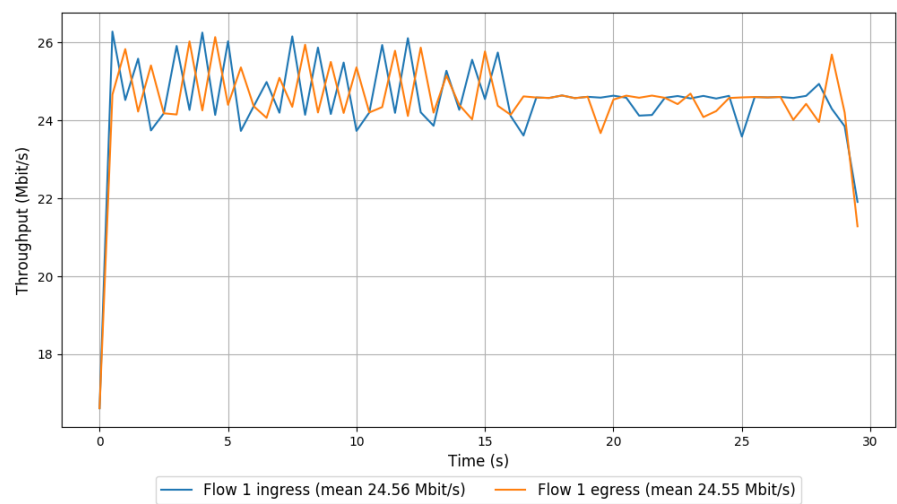
-- Flow 1:

Average throughput: 24.55 Mbit/s

95th percentile per-packet one-way delay: 15.698 ms

Loss rate: 0.09%

Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

Start at: Wed, 05 Jul 2017 11:09:33 +0000

End at: Wed, 05 Jul 2017 11:10:03 +0000

Local clock offset: 1.448 ms

Remote clock offset: -23.177 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:50:28 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.61 Mbit/s

95th percentile per-packet one-way delay: 13.400 ms

Loss rate: 0.12%

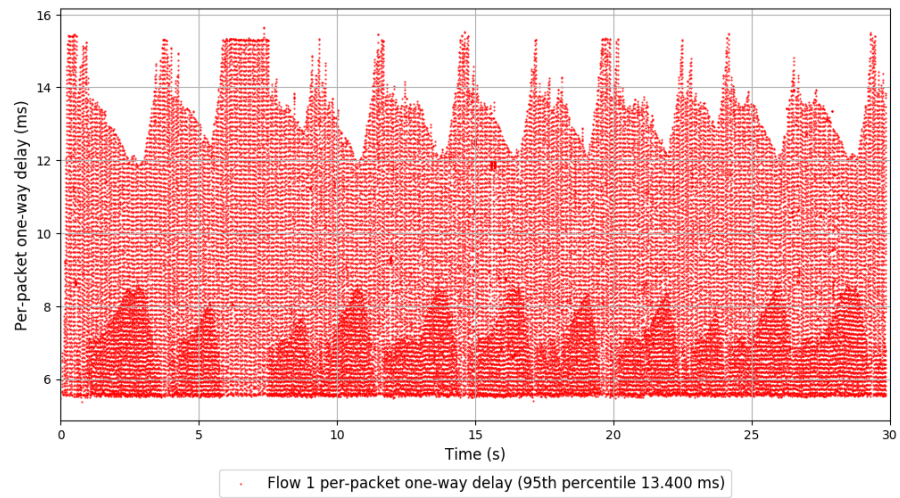
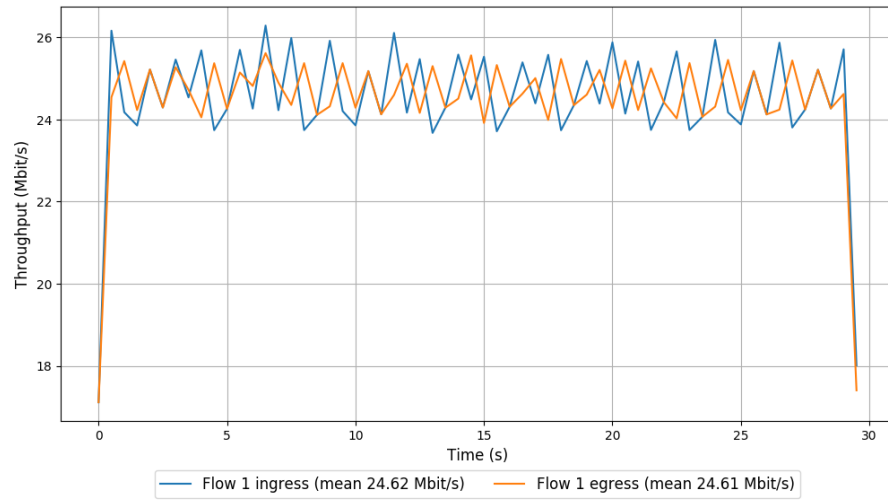
-- Flow 1:

Average throughput: 24.61 Mbit/s

95th percentile per-packet one-way delay: 13.400 ms

Loss rate: 0.12%

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: Wed, 05 Jul 2017 11:27:24 +0000

End at: Wed, 05 Jul 2017 11:27:54 +0000

Local clock offset: 1.893 ms

Remote clock offset: -23.575 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:50:32 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.47 Mbit/s

95th percentile per-packet one-way delay: 12.937 ms

Loss rate: 0.12%

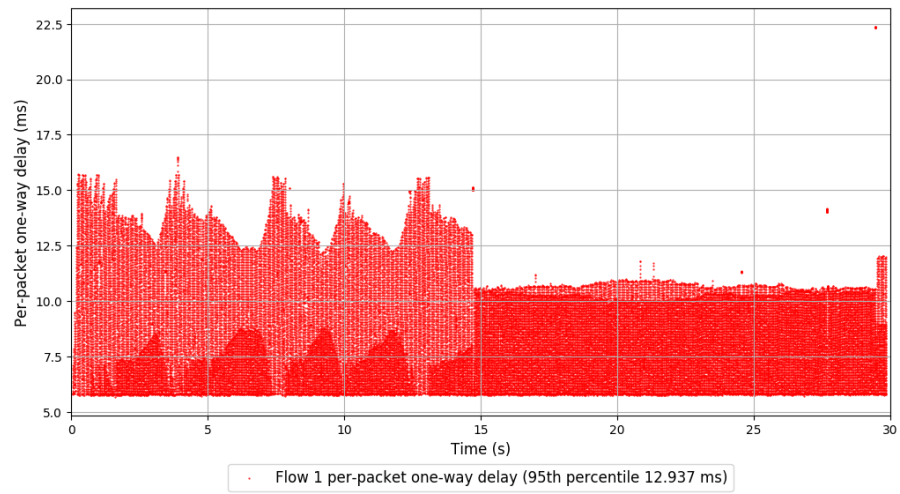
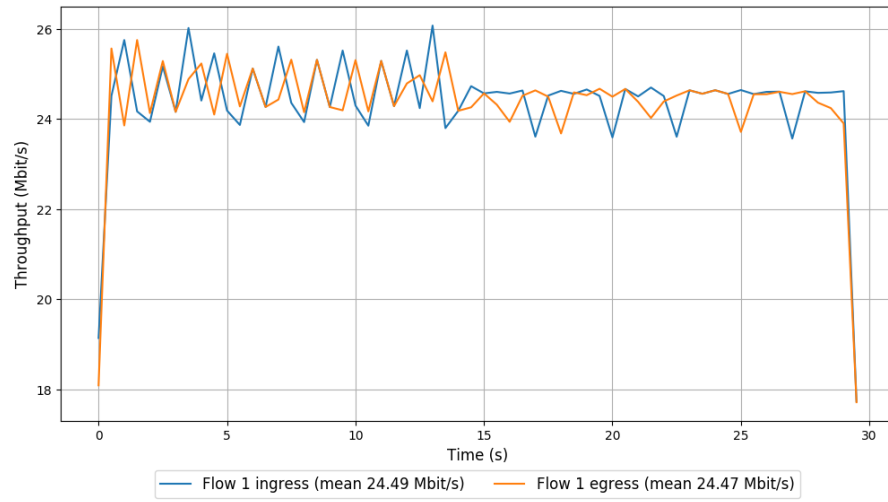
-- Flow 1:

Average throughput: 24.47 Mbit/s

95th percentile per-packet one-way delay: 12.937 ms

Loss rate: 0.12%

Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

Start at: Wed, 05 Jul 2017 11:45:12 +0000

End at: Wed, 05 Jul 2017 11:45:42 +0000

Local clock offset: 3.081 ms

Remote clock offset: -21.909 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:50:33 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.63 Mbit/s

95th percentile per-packet one-way delay: 15.168 ms

Loss rate: 0.13%

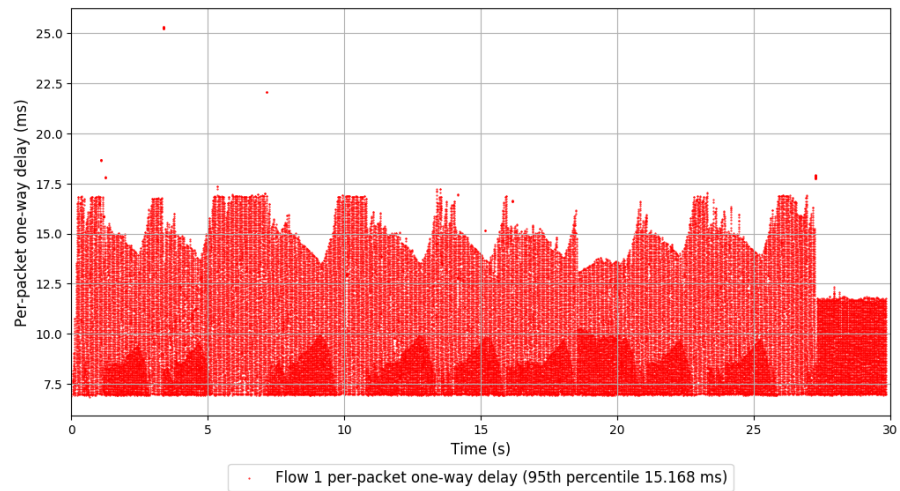
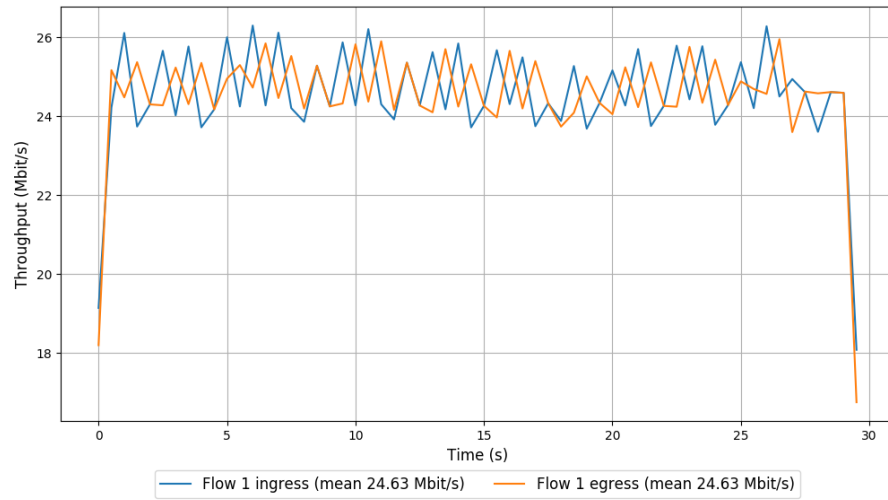
-- Flow 1:

Average throughput: 24.63 Mbit/s

95th percentile per-packet one-way delay: 15.168 ms

Loss rate: 0.13%

Run 6: Report of Sprout — Data Link



Run 7: Statistics of Sprout

Start at: Wed, 05 Jul 2017 12:03:23 +0000

End at: Wed, 05 Jul 2017 12:03:53 +0000

Local clock offset: 1.864 ms

Remote clock offset: -40.084 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:50:37 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.38 Mbit/s

95th percentile per-packet one-way delay: 15.709 ms

Loss rate: 0.18%

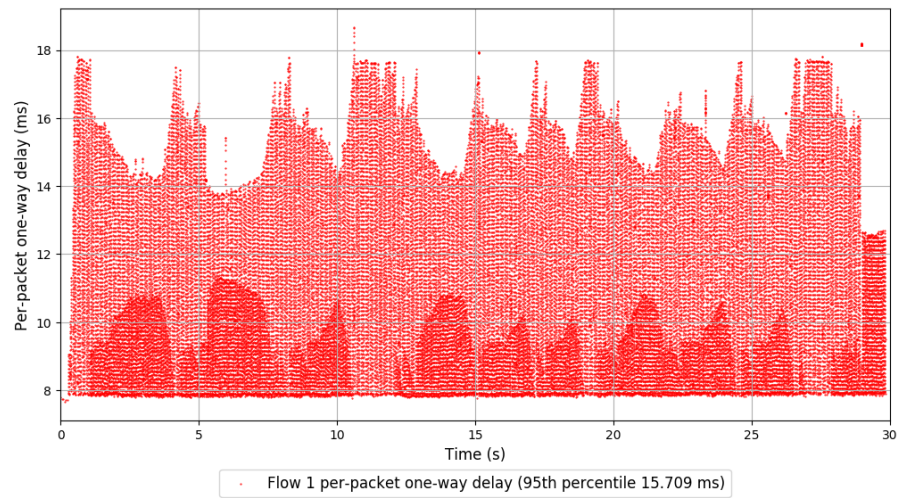
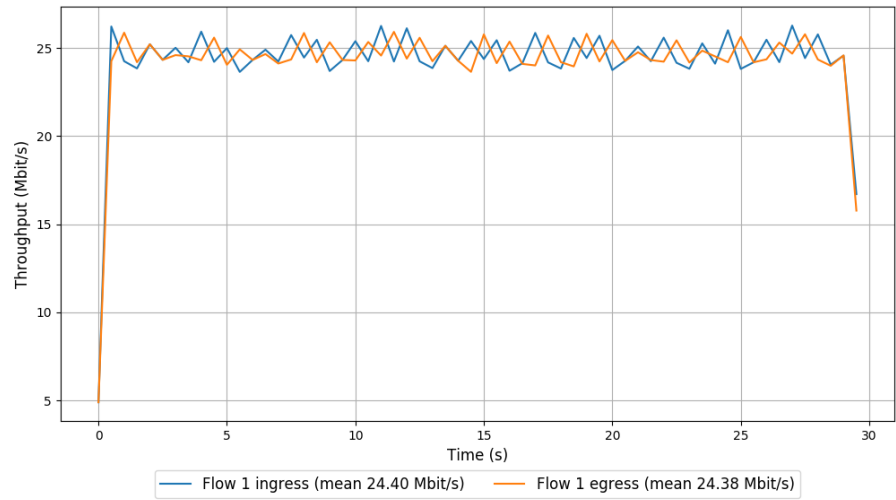
-- Flow 1:

Average throughput: 24.38 Mbit/s

95th percentile per-packet one-way delay: 15.709 ms

Loss rate: 0.18%

Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

Start at: Wed, 05 Jul 2017 12:21:08 +0000

End at: Wed, 05 Jul 2017 12:21:38 +0000

Local clock offset: 0.672 ms

Remote clock offset: -36.128 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:50:37 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.64 Mbit/s

95th percentile per-packet one-way delay: 17.932 ms

Loss rate: 0.12%

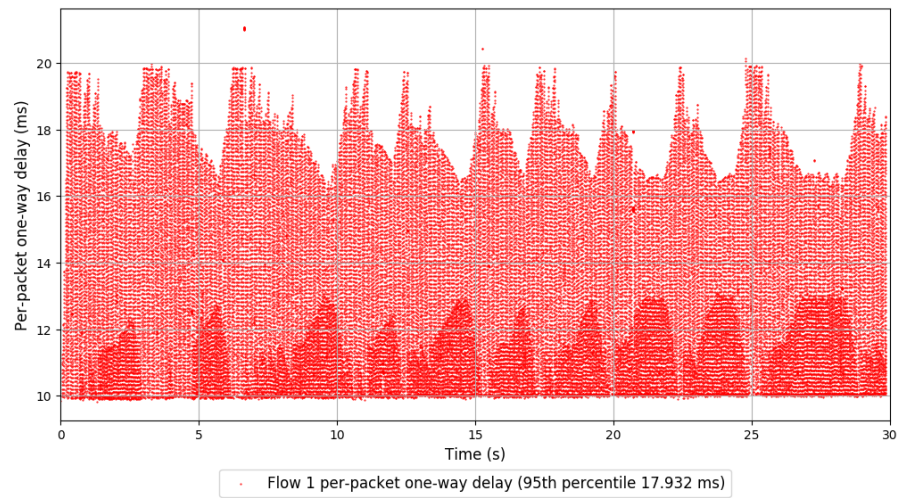
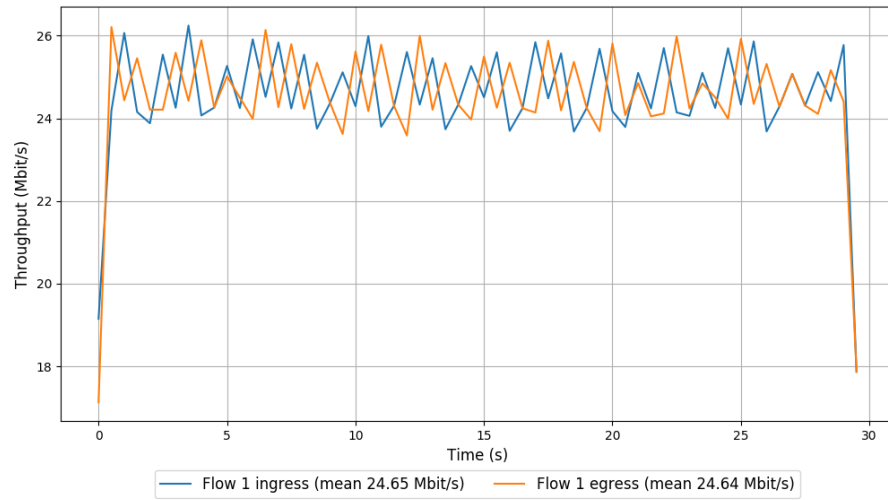
-- Flow 1:

Average throughput: 24.64 Mbit/s

95th percentile per-packet one-way delay: 17.932 ms

Loss rate: 0.12%

Run 8: Report of Sprout — Data Link



Run 9: Statistics of Sprout

Start at: Wed, 05 Jul 2017 12:38:48 +0000

End at: Wed, 05 Jul 2017 12:39:18 +0000

Local clock offset: 1.014 ms

Remote clock offset: -33.612 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:50:41 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.32 Mbit/s

95th percentile per-packet one-way delay: 20.115 ms

Loss rate: 0.13%

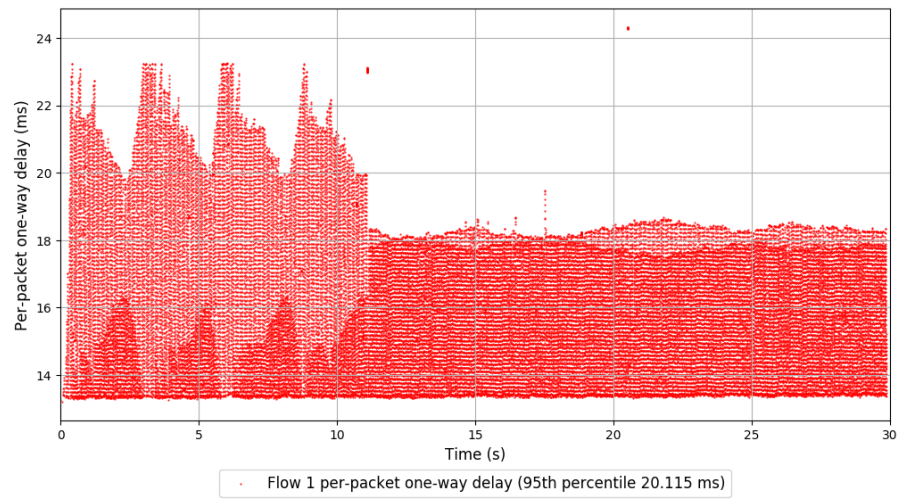
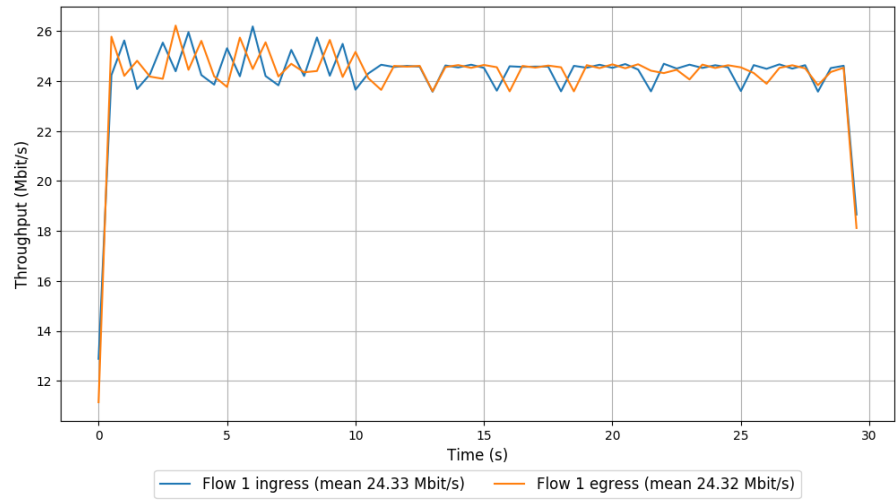
-- Flow 1:

Average throughput: 24.32 Mbit/s

95th percentile per-packet one-way delay: 20.115 ms

Loss rate: 0.13%

Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: Wed, 05 Jul 2017 12:56:21 +0000

End at: Wed, 05 Jul 2017 12:56:51 +0000

Local clock offset: -0.652 ms

Remote clock offset: -30.808 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:50:41 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.49 Mbit/s

95th percentile per-packet one-way delay: 23.089 ms

Loss rate: 0.11%

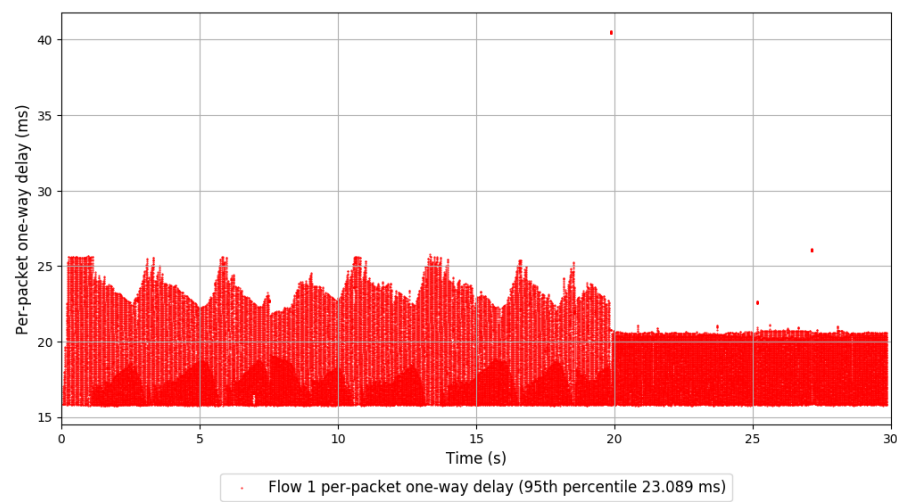
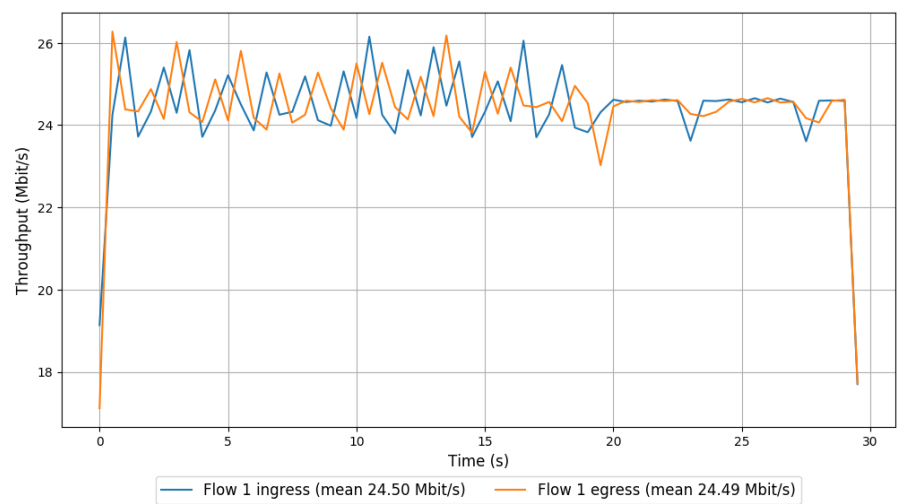
-- Flow 1:

Average throughput: 24.49 Mbit/s

95th percentile per-packet one-way delay: 23.089 ms

Loss rate: 0.11%

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: Wed, 05 Jul 2017 10:13:10 +0000

End at: Wed, 05 Jul 2017 10:13:40 +0000

Local clock offset: 3.064 ms

Remote clock offset: -17.328 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:51:04 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.97 Mbit/s

95th percentile per-packet one-way delay: 15.024 ms

Loss rate: 0.53%

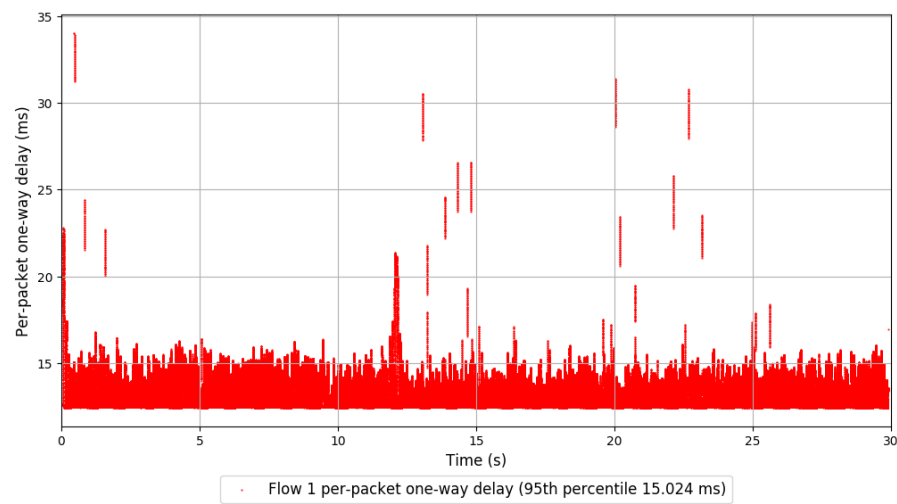
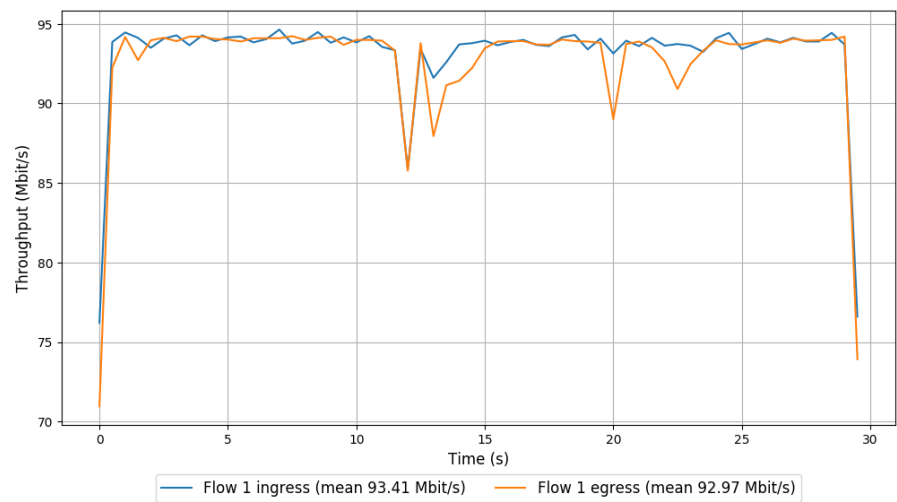
-- Flow 1:

Average throughput: 92.97 Mbit/s

95th percentile per-packet one-way delay: 15.024 ms

Loss rate: 0.53%

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



Run 2: Statistics of TaoVA-100x

Start at: Wed, 05 Jul 2017 10:30:51 +0000

End at: Wed, 05 Jul 2017 10:31:21 +0000

Local clock offset: 1.222 ms

Remote clock offset: -18.728 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:51:04 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.68 Mbit/s

95th percentile per-packet one-way delay: 13.337 ms

Loss rate: 0.17%

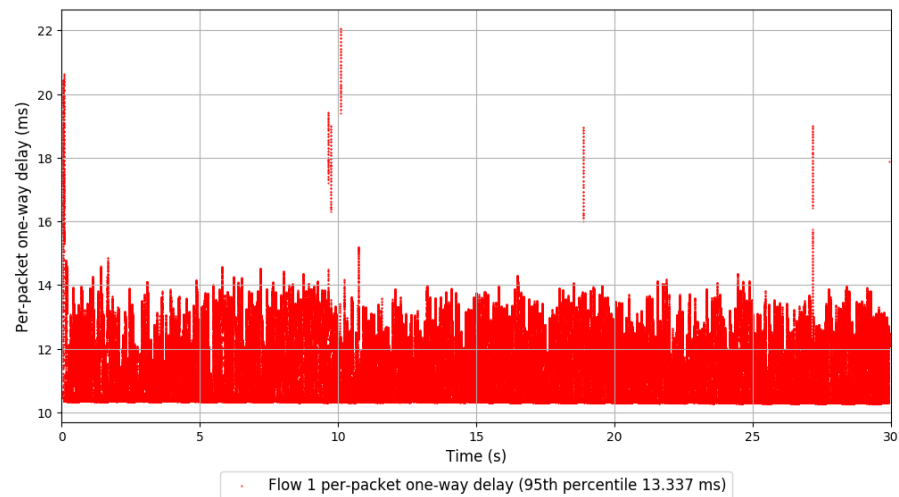
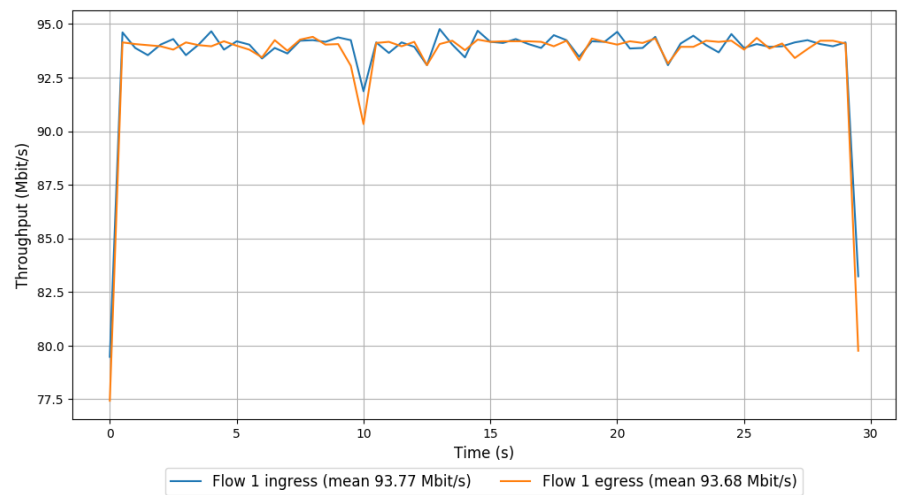
-- Flow 1:

Average throughput: 93.68 Mbit/s

95th percentile per-packet one-way delay: 13.337 ms

Loss rate: 0.17%

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



Run 3: Statistics of TaoVA-100x

Start at: Wed, 05 Jul 2017 10:48:58 +0000

End at: Wed, 05 Jul 2017 10:49:28 +0000

Local clock offset: 3.47 ms

Remote clock offset: -20.571 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:51:26 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.14 Mbit/s

95th percentile per-packet one-way delay: 10.921 ms

Loss rate: 0.38%

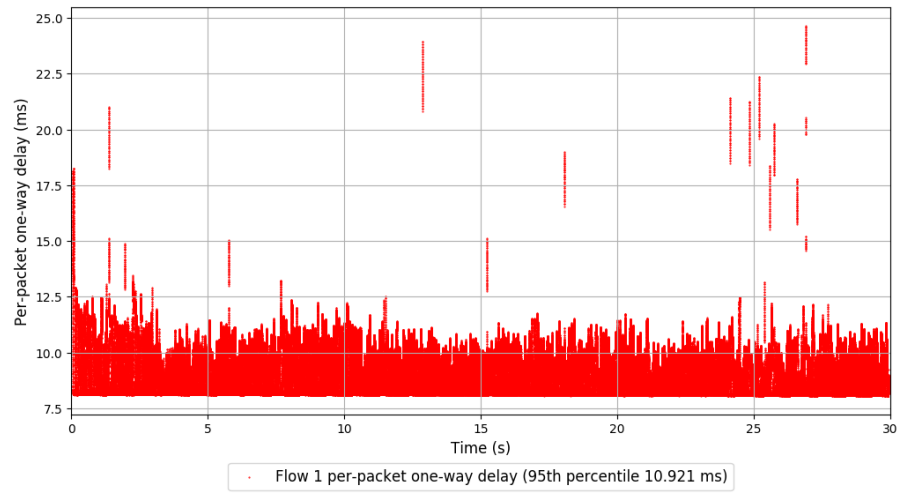
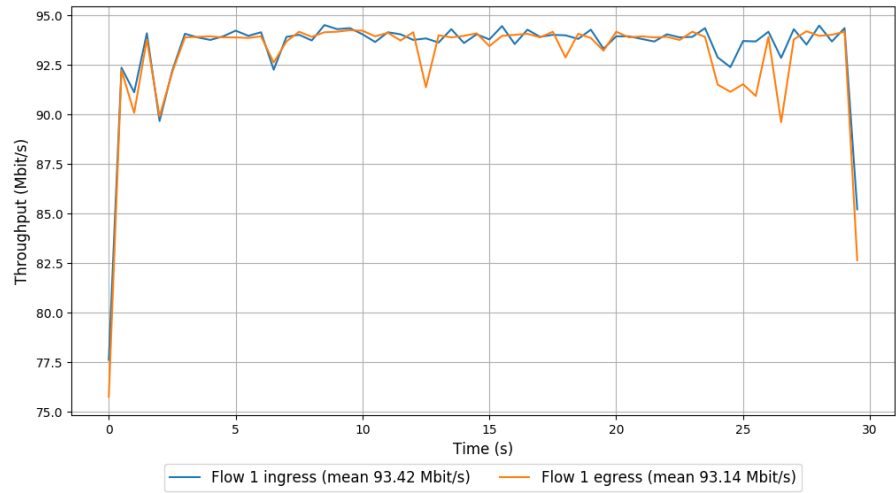
-- Flow 1:

Average throughput: 93.14 Mbit/s

95th percentile per-packet one-way delay: 10.921 ms

Loss rate: 0.38%

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



Run 4: Statistics of TaoVA-100x

Start at: Wed, 05 Jul 2017 11:06:59 +0000

End at: Wed, 05 Jul 2017 11:07:29 +0000

Local clock offset: 3.681 ms

Remote clock offset: -22.006 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:51:26 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.53 Mbit/s

95th percentile per-packet one-way delay: 8.691 ms

Loss rate: 0.23%

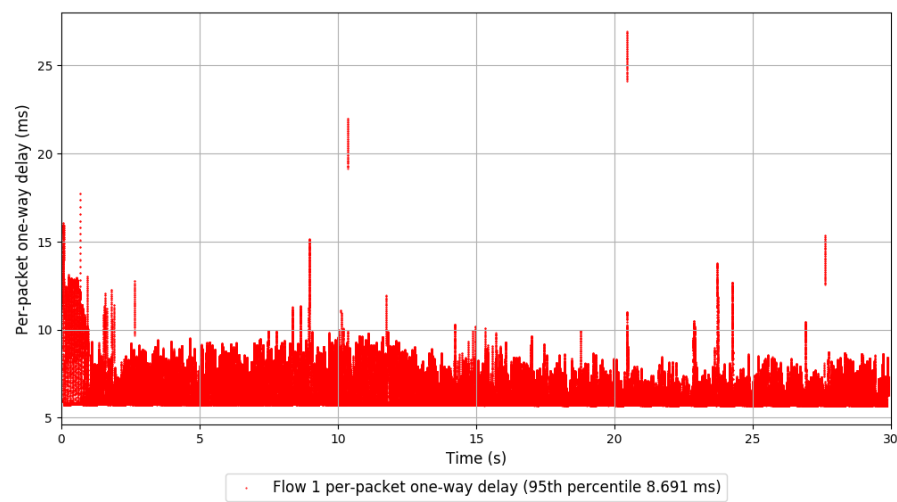
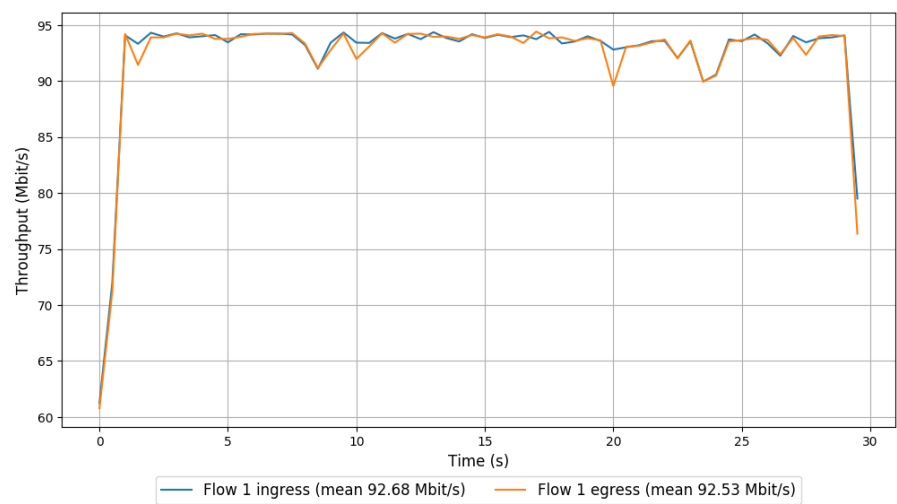
-- Flow 1:

Average throughput: 92.53 Mbit/s

95th percentile per-packet one-way delay: 8.691 ms

Loss rate: 0.23%

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



Run 5: Statistics of TaoVA-100x

Start at: Wed, 05 Jul 2017 11:24:49 +0000

End at: Wed, 05 Jul 2017 11:25:19 +0000

Local clock offset: 4.184 ms

Remote clock offset: -23.675 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:51:47 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.47 Mbit/s

95th percentile per-packet one-way delay: 8.552 ms

Loss rate: 0.24%

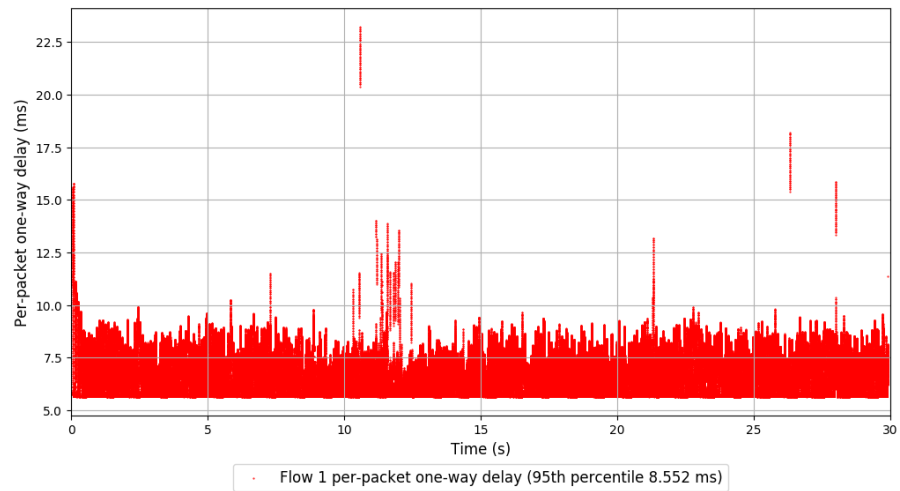
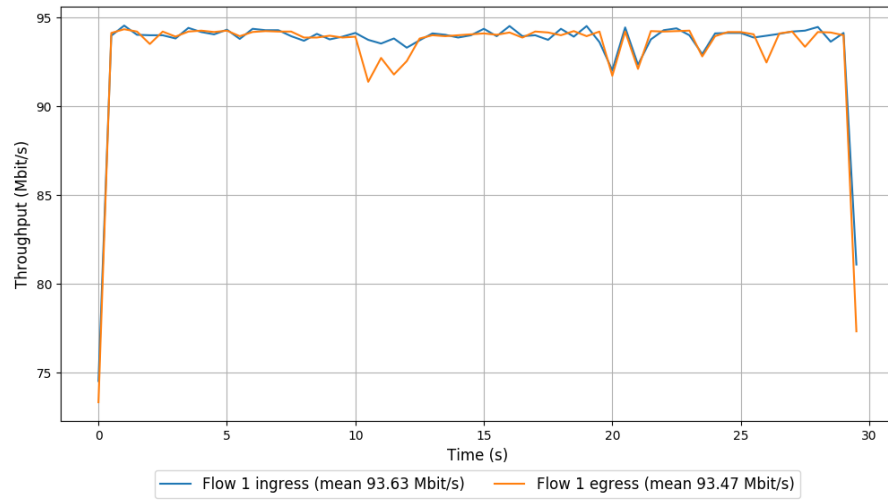
-- Flow 1:

Average throughput: 93.47 Mbit/s

95th percentile per-packet one-way delay: 8.552 ms

Loss rate: 0.24%

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



Run 6: Statistics of TaoVA-100x

Start at: Wed, 05 Jul 2017 11:42:32 +0000

End at: Wed, 05 Jul 2017 11:43:02 +0000

Local clock offset: 3.725 ms

Remote clock offset: -21.674 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:51:47 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 74.73 Mbit/s

95th percentile per-packet one-way delay: 38.590 ms

Loss rate: 0.42%

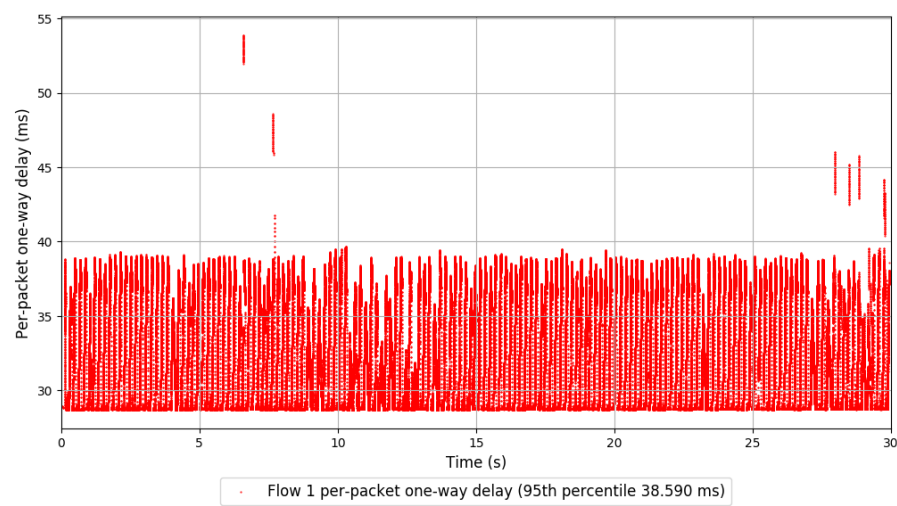
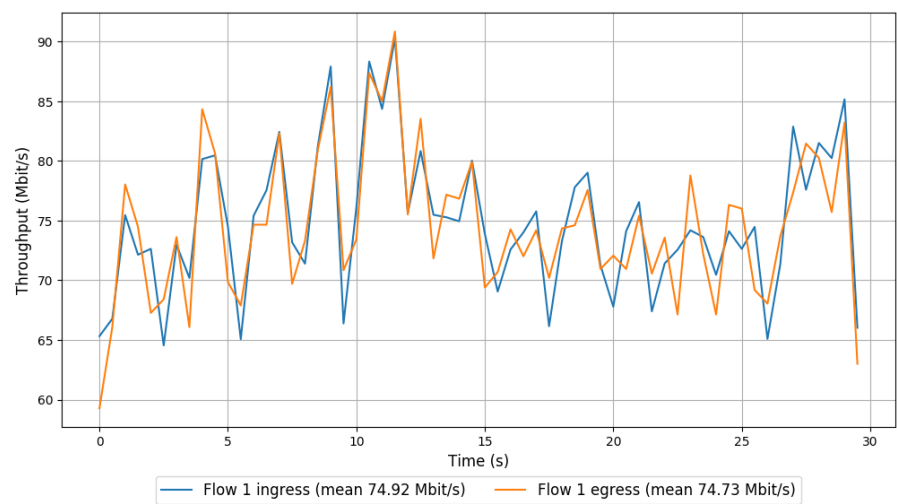
-- Flow 1:

Average throughput: 74.73 Mbit/s

95th percentile per-packet one-way delay: 38.590 ms

Loss rate: 0.42%

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



Run 7: Statistics of TaoVA-100x

Start at: Wed, 05 Jul 2017 12:00:51 +0000

End at: Wed, 05 Jul 2017 12:01:21 +0000

Local clock offset: 2.62 ms

Remote clock offset: -39.649 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:52:07 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.10 Mbit/s

95th percentile per-packet one-way delay: 10.778 ms

Loss rate: 0.32%

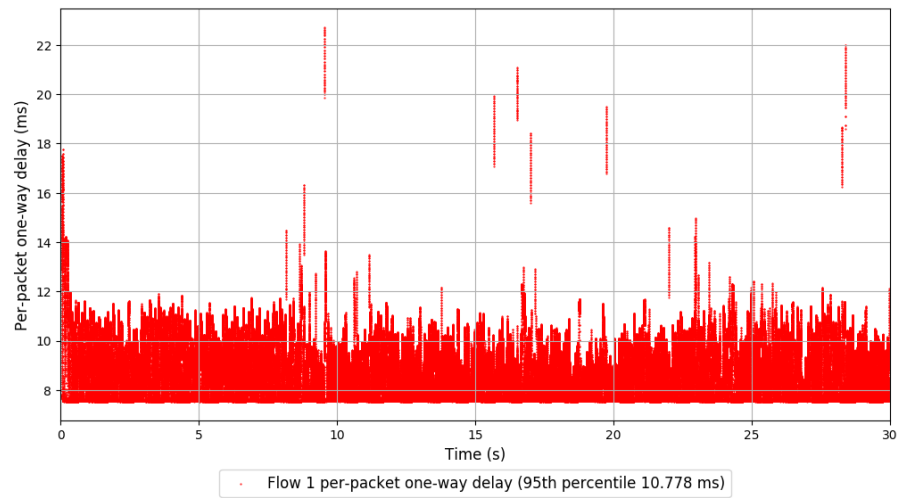
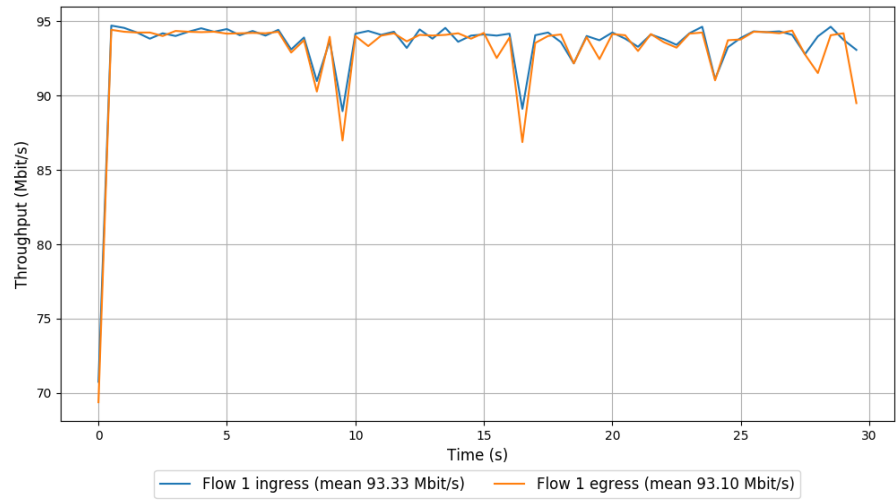
-- Flow 1:

Average throughput: 93.10 Mbit/s

95th percentile per-packet one-way delay: 10.778 ms

Loss rate: 0.32%

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



Run 8: Statistics of TaoVA-100x

Start at: Wed, 05 Jul 2017 12:18:44 +0000

End at: Wed, 05 Jul 2017 12:19:15 +0000

Local clock offset: 0.033 ms

Remote clock offset: -38.355 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:52:10 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.96 Mbit/s

95th percentile per-packet one-way delay: 12.925 ms

Loss rate: 0.31%

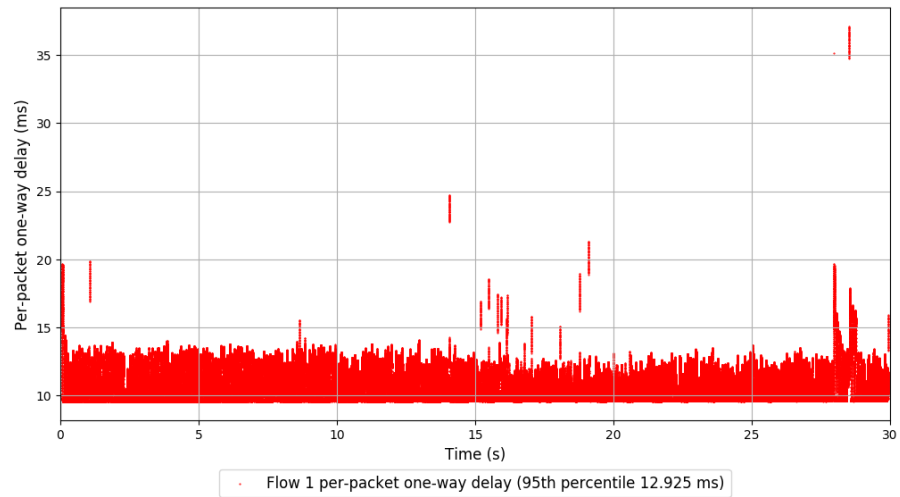
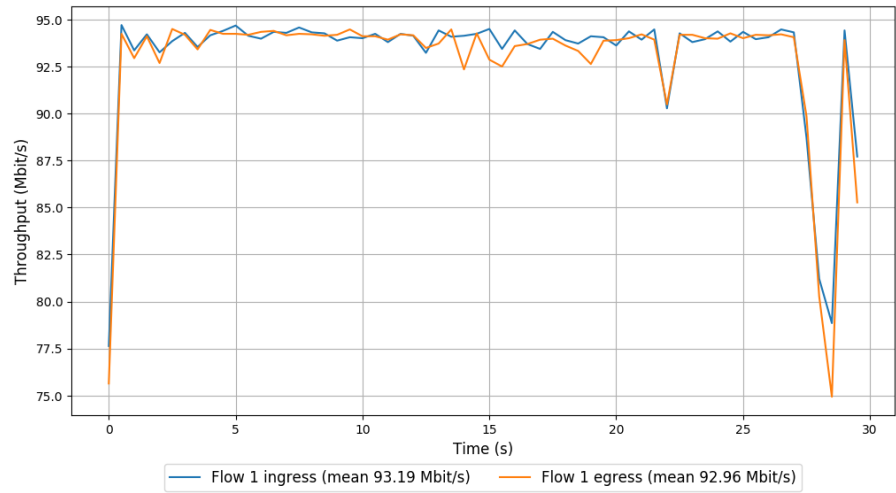
-- Flow 1:

Average throughput: 92.96 Mbit/s

95th percentile per-packet one-way delay: 12.925 ms

Loss rate: 0.31%

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



Run 9: Statistics of TaoVA-100x

Start at: Wed, 05 Jul 2017 12:36:20 +0000

End at: Wed, 05 Jul 2017 12:36:50 +0000

Local clock offset: 1.457 ms

Remote clock offset: -34.396 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:52:26 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.16 Mbit/s

95th percentile per-packet one-way delay: 16.160 ms

Loss rate: 0.22%

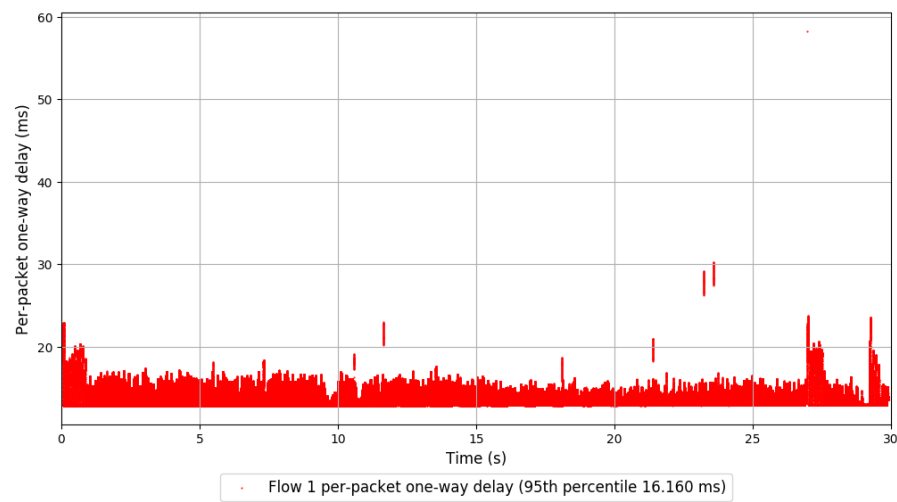
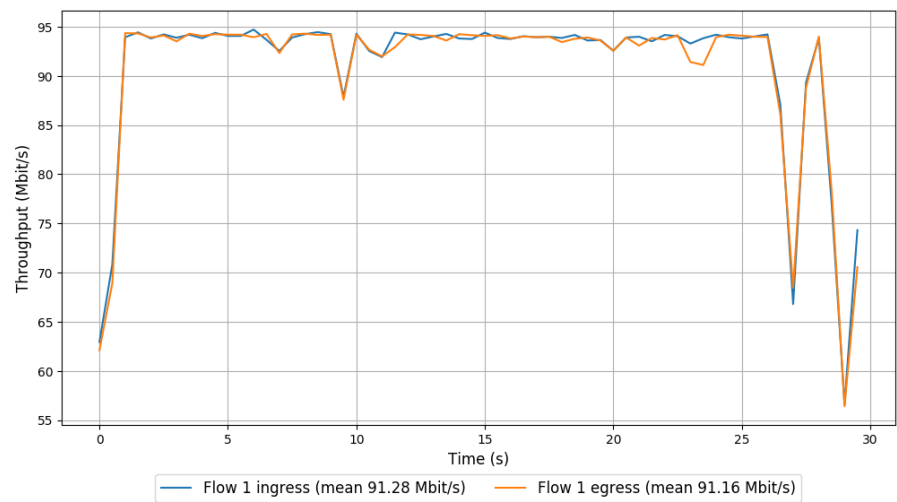
-- Flow 1:

Average throughput: 91.16 Mbit/s

95th percentile per-packet one-way delay: 16.160 ms

Loss rate: 0.22%

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



Run 10: Statistics of TaoVA-100x

Start at: Wed, 05 Jul 2017 12:53:52 +0000

End at: Wed, 05 Jul 2017 12:54:22 +0000

Local clock offset: 0.84 ms

Remote clock offset: -33.449 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:52:32 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.17 Mbit/s

95th percentile per-packet one-way delay: 18.829 ms

Loss rate: 0.29%

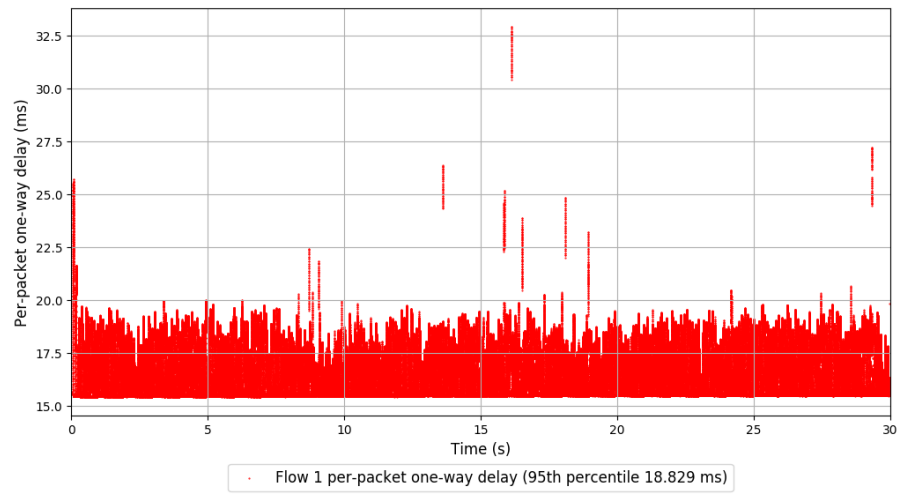
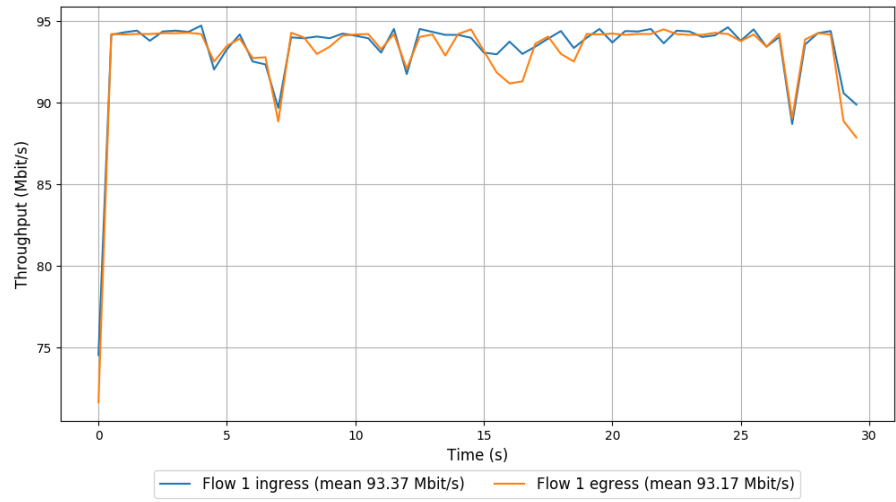
-- Flow 1:

Average throughput: 93.17 Mbit/s

95th percentile per-packet one-way delay: 18.829 ms

Loss rate: 0.29%

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



Run 1: Statistics of TCP Vegas

Start at: Wed, 05 Jul 2017 10:24:52 +0000

End at: Wed, 05 Jul 2017 10:25:22 +0000

Local clock offset: 3.129 ms

Remote clock offset: -19.117 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:52:39 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.67 Mbit/s

95th percentile per-packet one-way delay: 23.339 ms

Loss rate: 0.15%

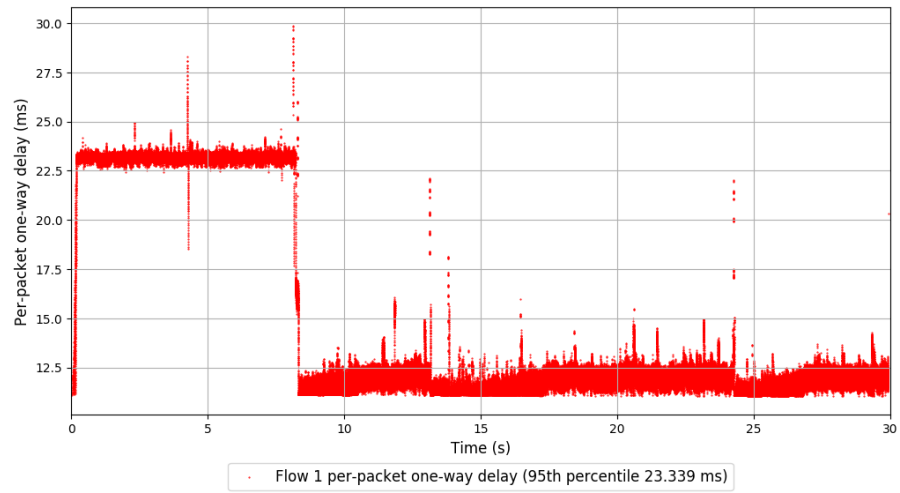
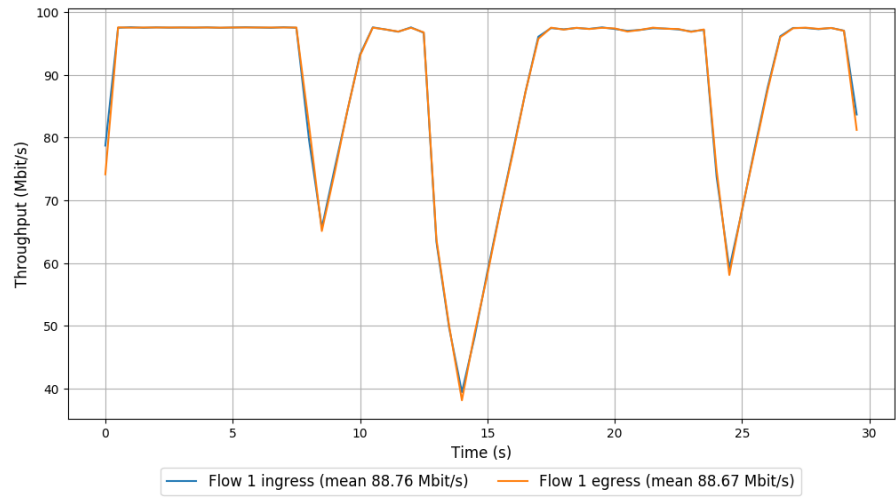
-- Flow 1:

Average throughput: 88.67 Mbit/s

95th percentile per-packet one-way delay: 23.339 ms

Loss rate: 0.15%

Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: Wed, 05 Jul 2017 10:42:49 +0000

End at: Wed, 05 Jul 2017 10:43:19 +0000

Local clock offset: 3.696 ms

Remote clock offset: -20.592 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:52:43 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.21 Mbit/s

95th percentile per-packet one-way delay: 21.168 ms

Loss rate: 0.21%

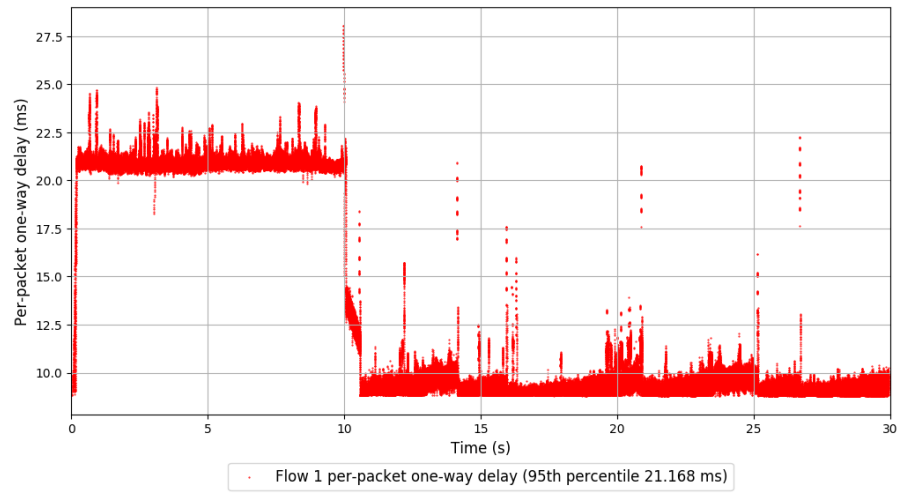
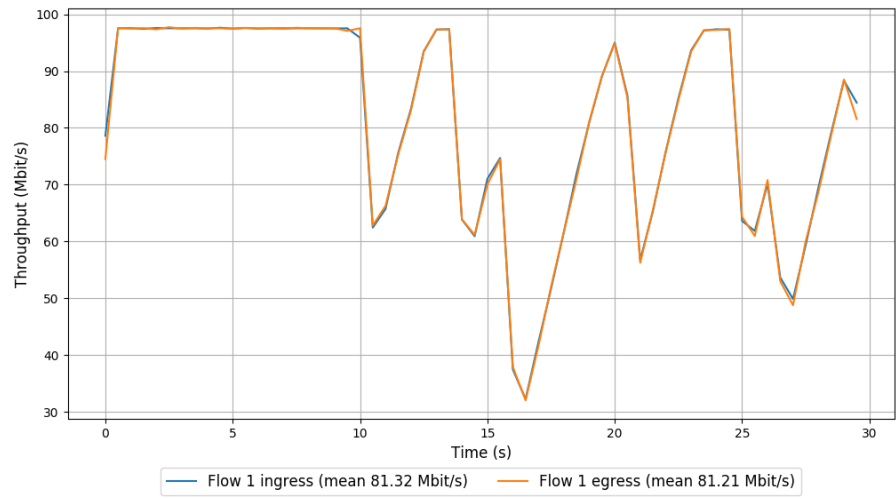
-- Flow 1:

Average throughput: 81.21 Mbit/s

95th percentile per-packet one-way delay: 21.168 ms

Loss rate: 0.21%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: Wed, 05 Jul 2017 11:01:03 +0000

End at: Wed, 05 Jul 2017 11:01:33 +0000

Local clock offset: 3.489 ms

Remote clock offset: -23.697 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:52:54 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.62 Mbit/s

95th percentile per-packet one-way delay: 16.027 ms

Loss rate: 0.11%

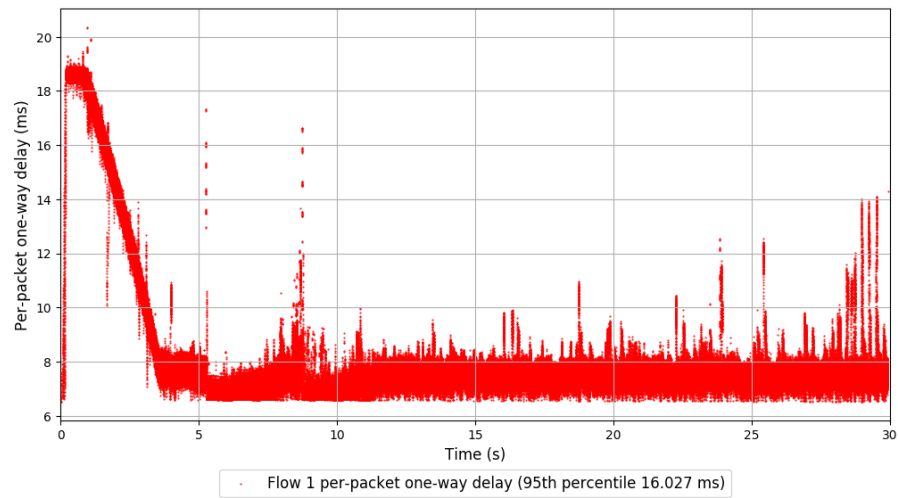
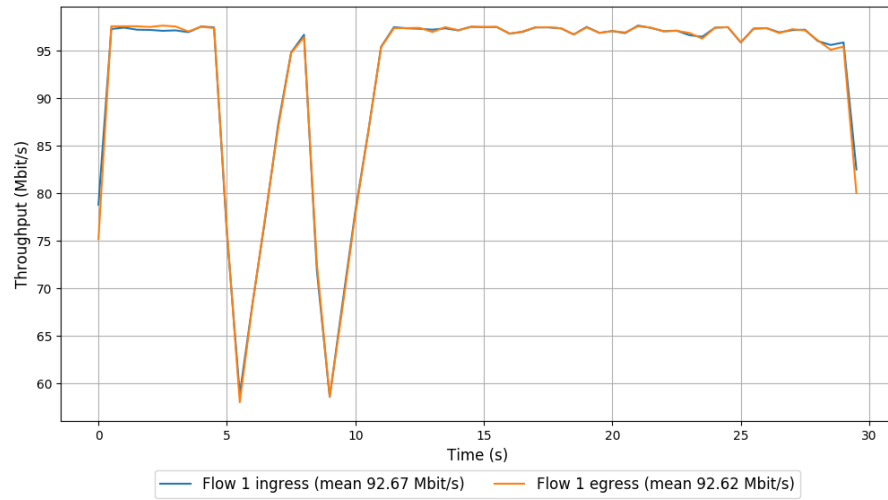
-- Flow 1:

Average throughput: 92.62 Mbit/s

95th percentile per-packet one-way delay: 16.027 ms

Loss rate: 0.11%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: Wed, 05 Jul 2017 11:18:49 +0000

End at: Wed, 05 Jul 2017 11:19:19 +0000

Local clock offset: 0.719 ms

Remote clock offset: -24.732 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:52:55 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.71 Mbit/s

95th percentile per-packet one-way delay: 8.235 ms

Loss rate: 0.17%

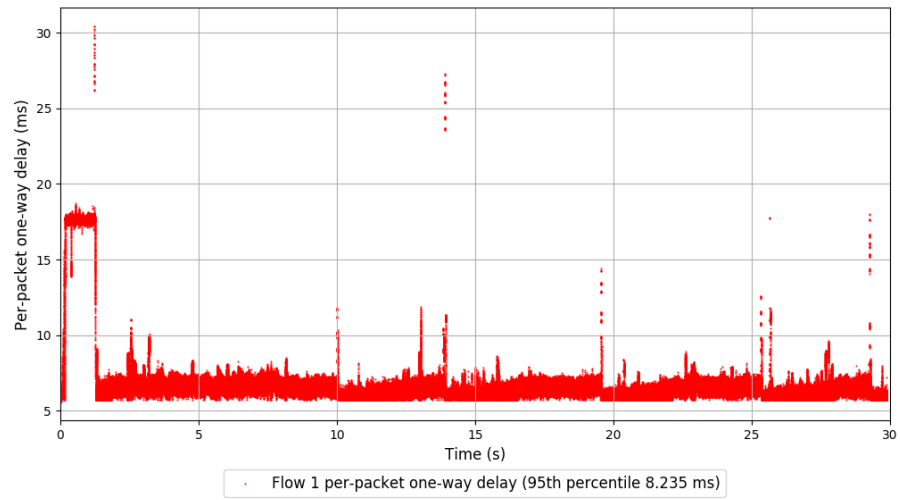
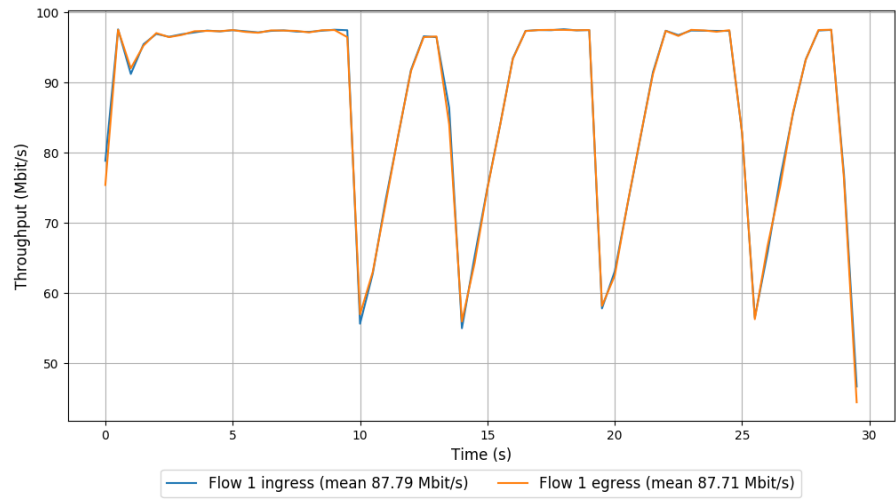
-- Flow 1:

Average throughput: 87.71 Mbit/s

95th percentile per-packet one-way delay: 8.235 ms

Loss rate: 0.17%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: Wed, 05 Jul 2017 11:36:27 +0000

End at: Wed, 05 Jul 2017 11:36:57 +0000

Local clock offset: 3.952 ms

Remote clock offset: -23.435 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:53:06 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.87 Mbit/s

95th percentile per-packet one-way delay: 18.473 ms

Loss rate: 0.13%

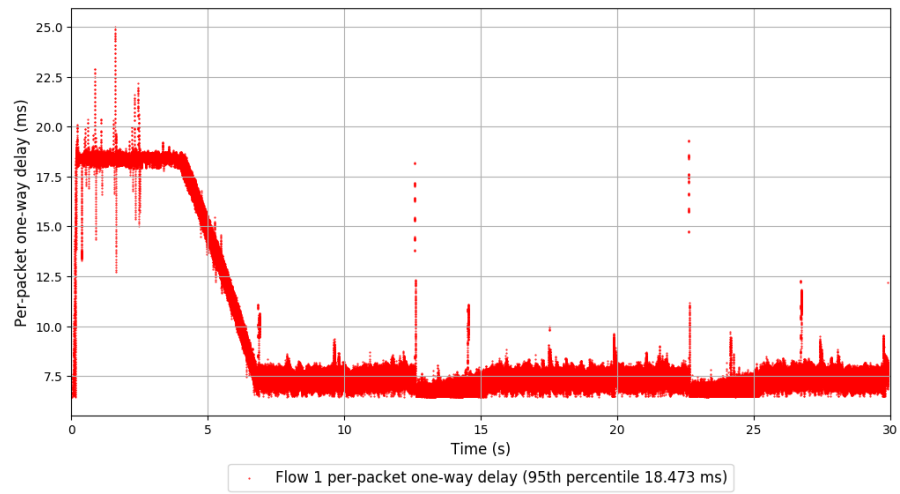
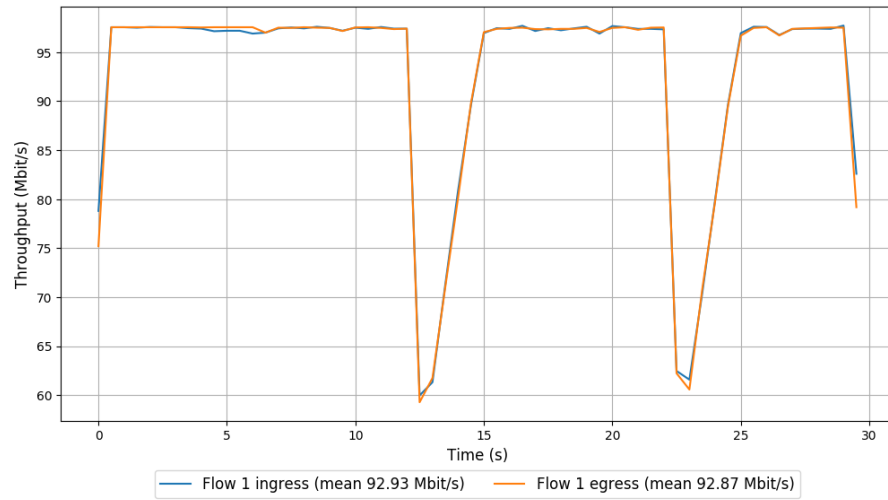
-- Flow 1:

Average throughput: 92.87 Mbit/s

95th percentile per-packet one-way delay: 18.473 ms

Loss rate: 0.13%

Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: Wed, 05 Jul 2017 11:54:33 +0000

End at: Wed, 05 Jul 2017 11:55:03 +0000

Local clock offset: 3.488 ms

Remote clock offset: -38.014 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:53:06 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.58 Mbit/s

95th percentile per-packet one-way delay: 19.378 ms

Loss rate: 0.25%

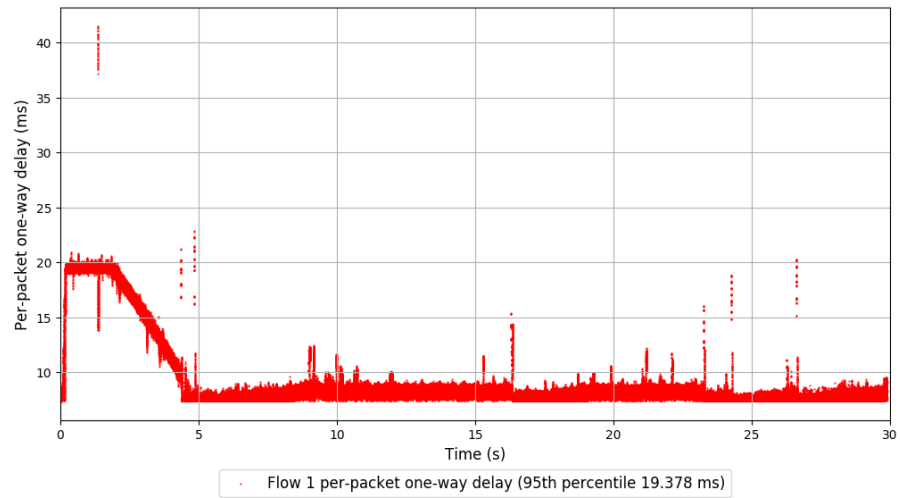
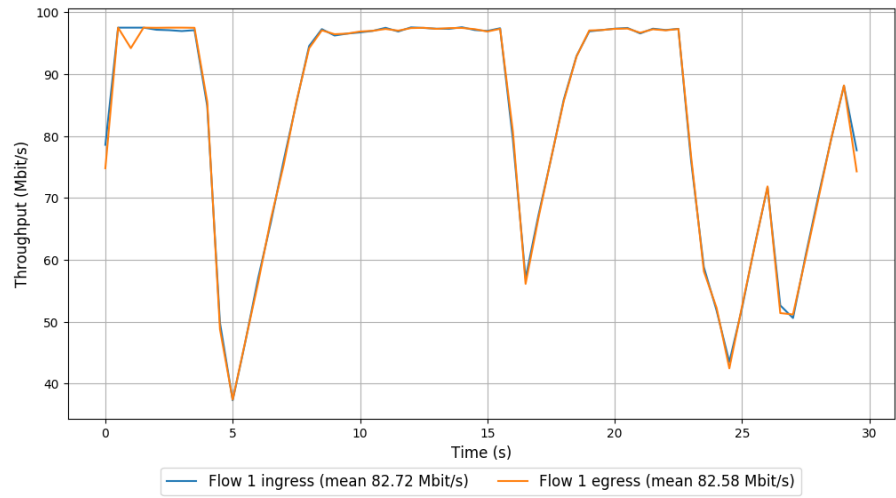
-- Flow 1:

Average throughput: 82.58 Mbit/s

95th percentile per-packet one-way delay: 19.378 ms

Loss rate: 0.25%

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: Wed, 05 Jul 2017 12:12:37 +0000

End at: Wed, 05 Jul 2017 12:13:07 +0000

Local clock offset: 1.257 ms

Remote clock offset: -36.112 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:53:14 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.68 Mbit/s

95th percentile per-packet one-way delay: 20.901 ms

Loss rate: 0.19%

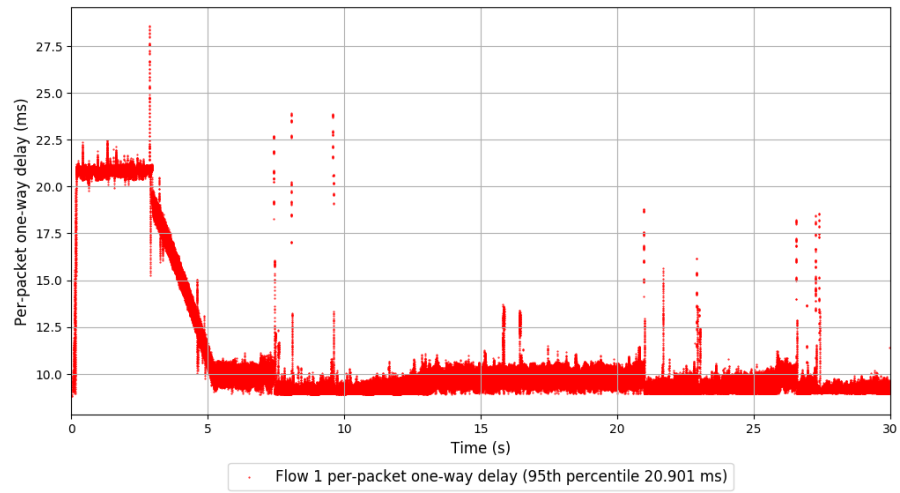
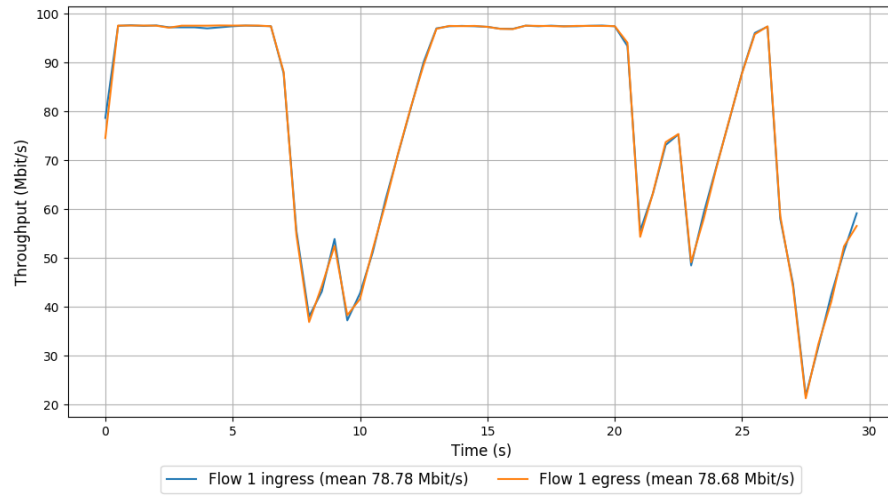
-- Flow 1:

Average throughput: 78.68 Mbit/s

95th percentile per-packet one-way delay: 20.901 ms

Loss rate: 0.19%

Run 7: Report of TCP Vegas — Data Link



Run 8: Statistics of TCP Vegas

Start at: Wed, 05 Jul 2017 12:30:16 +0000

End at: Wed, 05 Jul 2017 12:30:46 +0000

Local clock offset: 0.376 ms

Remote clock offset: -35.436 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:53:18 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.62 Mbit/s

95th percentile per-packet one-way delay: 13.396 ms

Loss rate: 0.19%

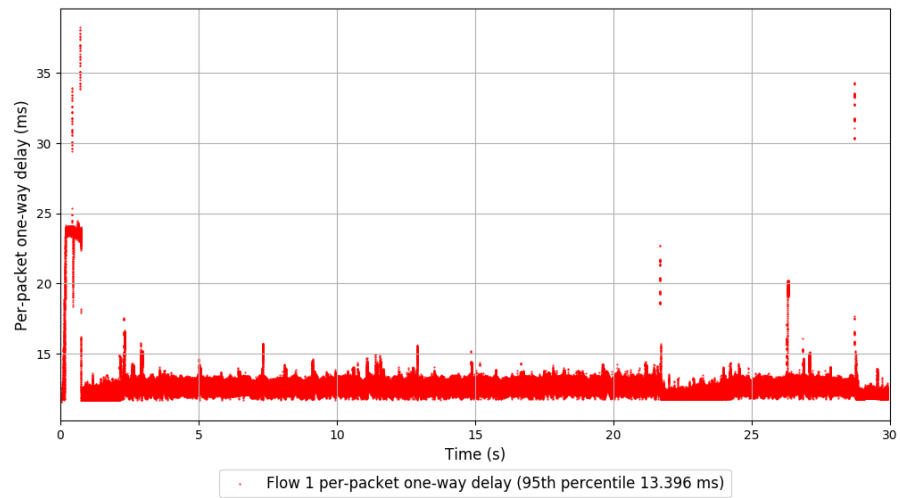
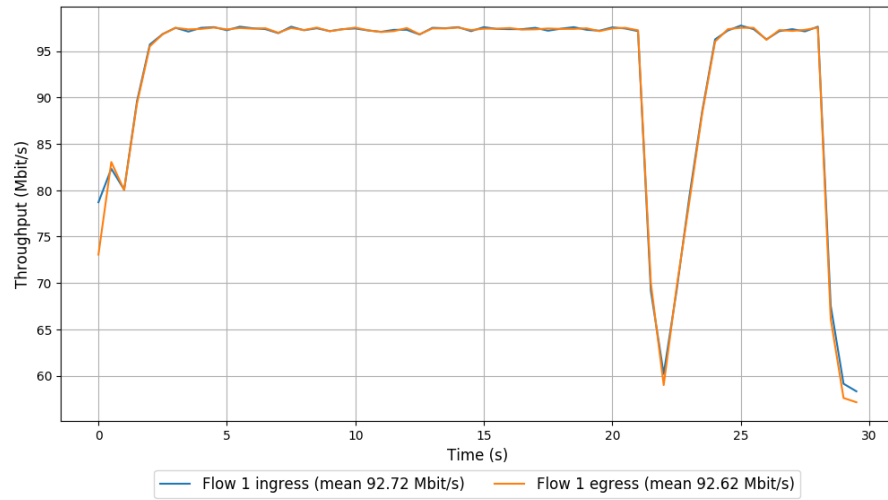
-- Flow 1:

Average throughput: 92.62 Mbit/s

95th percentile per-packet one-way delay: 13.396 ms

Loss rate: 0.19%

Run 8: Report of TCP Vegas — Data Link



Run 9: Statistics of TCP Vegas

Start at: Wed, 05 Jul 2017 12:47:53 +0000

End at: Wed, 05 Jul 2017 12:48:23 +0000

Local clock offset: 0.028 ms

Remote clock offset: -32.188 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:53:25 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.40 Mbit/s

95th percentile per-packet one-way delay: 26.706 ms

Loss rate: 0.19%

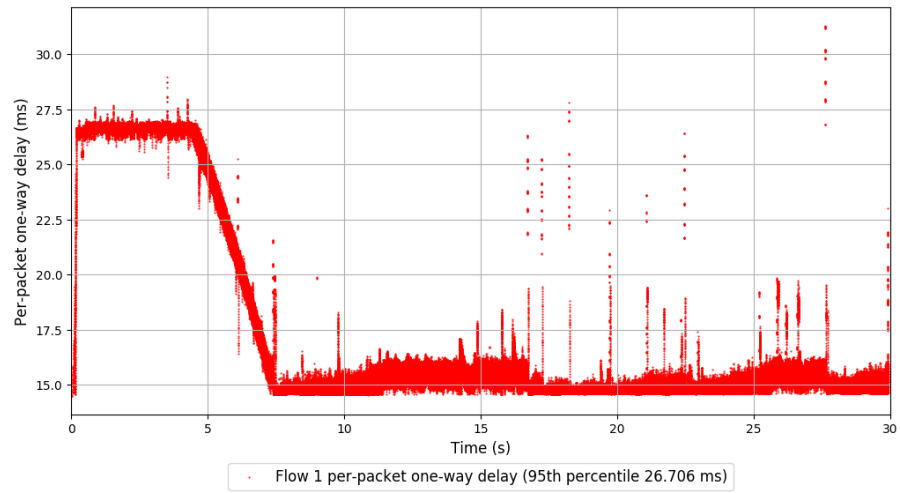
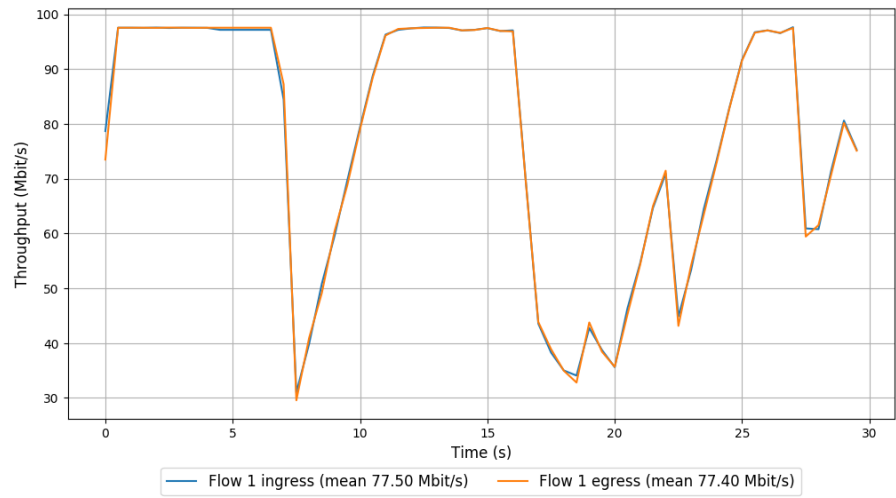
-- Flow 1:

Average throughput: 77.40 Mbit/s

95th percentile per-packet one-way delay: 26.706 ms

Loss rate: 0.19%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: Wed, 05 Jul 2017 13:05:28 +0000

End at: Wed, 05 Jul 2017 13:05:58 +0000

Local clock offset: -1.124 ms

Remote clock offset: -14.383 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:53:31 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.95 Mbit/s

95th percentile per-packet one-way delay: 28.289 ms

Loss rate: 0.08%

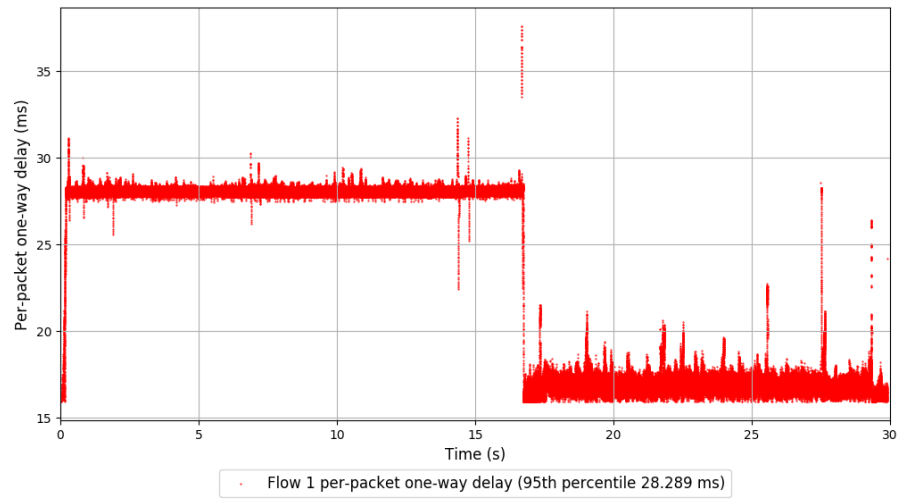
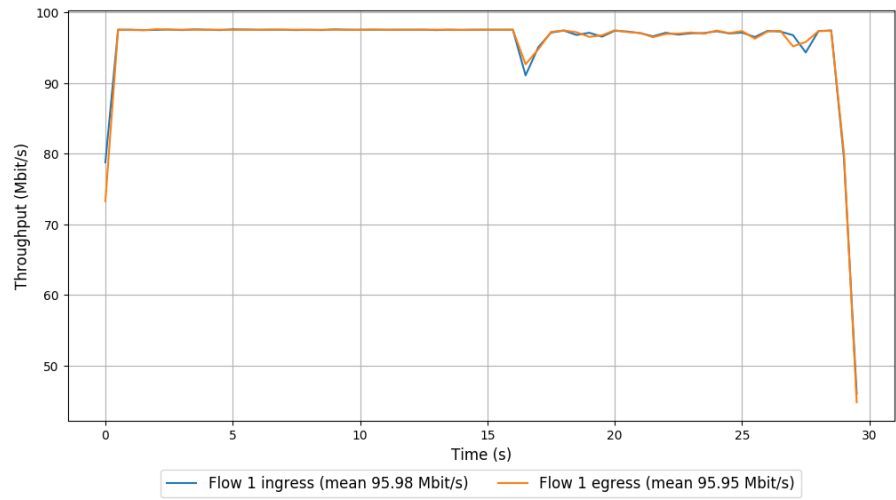
-- Flow 1:

Average throughput: 95.95 Mbit/s

95th percentile per-packet one-way delay: 28.289 ms

Loss rate: 0.08%

Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: Wed, 05 Jul 2017 10:19:19 +0000

End at: Wed, 05 Jul 2017 10:19:49 +0000

Local clock offset: 3.988 ms

Remote clock offset: -18.276 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:53:37 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.34 Mbit/s

95th percentile per-packet one-way delay: 24.007 ms

Loss rate: 0.15%

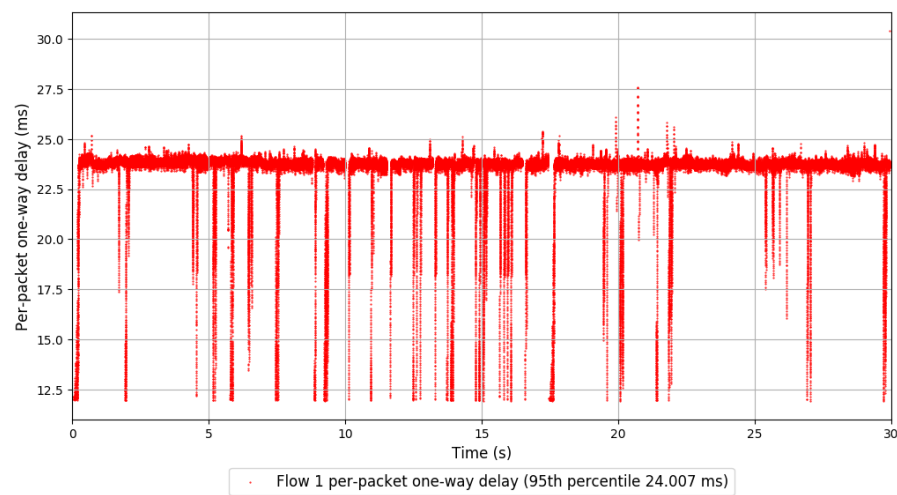
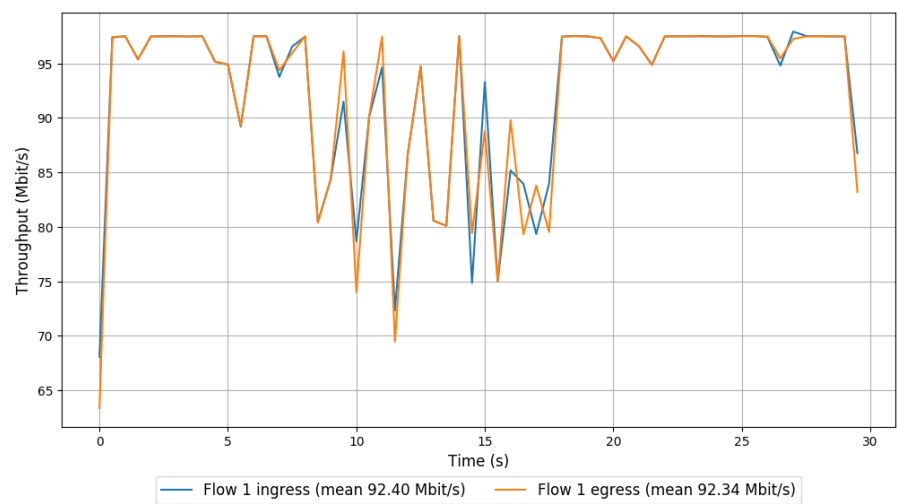
-- Flow 1:

Average throughput: 92.34 Mbit/s

95th percentile per-packet one-way delay: 24.007 ms

Loss rate: 0.15%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: Wed, 05 Jul 2017 10:37:04 +0000

End at: Wed, 05 Jul 2017 10:37:34 +0000

Local clock offset: 3.982 ms

Remote clock offset: -18.676 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:53:44 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.69 Mbit/s

95th percentile per-packet one-way delay: 21.652 ms

Loss rate: 0.19%

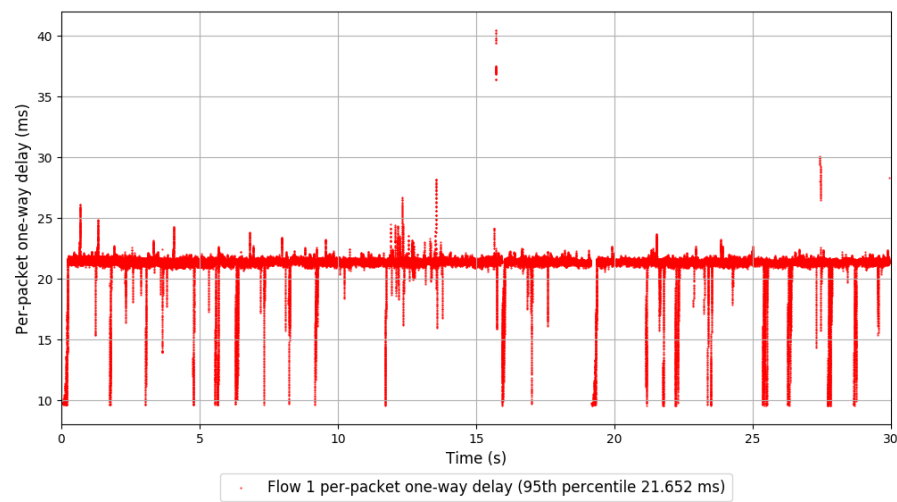
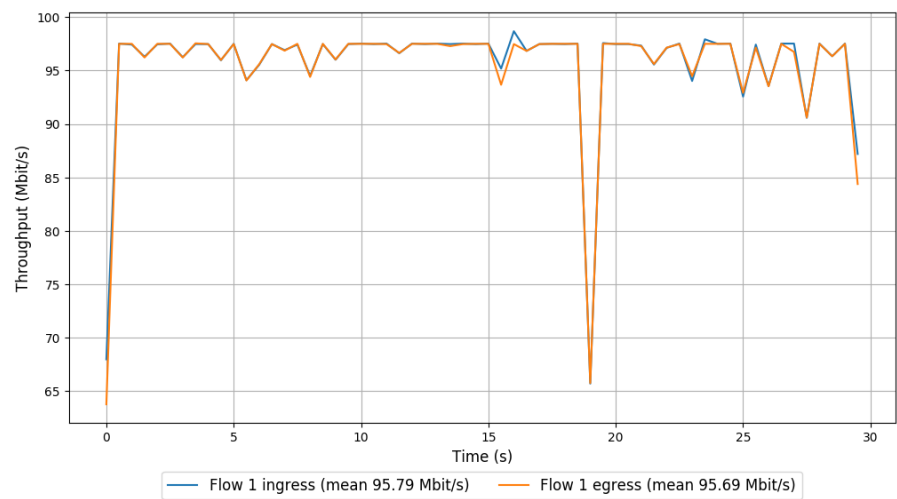
-- Flow 1:

Average throughput: 95.69 Mbit/s

95th percentile per-packet one-way delay: 21.652 ms

Loss rate: 0.19%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: Wed, 05 Jul 2017 10:55:25 +0000

End at: Wed, 05 Jul 2017 10:55:55 +0000

Local clock offset: 0.678 ms

Remote clock offset: -21.601 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:53:50 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.19 Mbit/s

95th percentile per-packet one-way delay: 19.523 ms

Loss rate: 0.33%

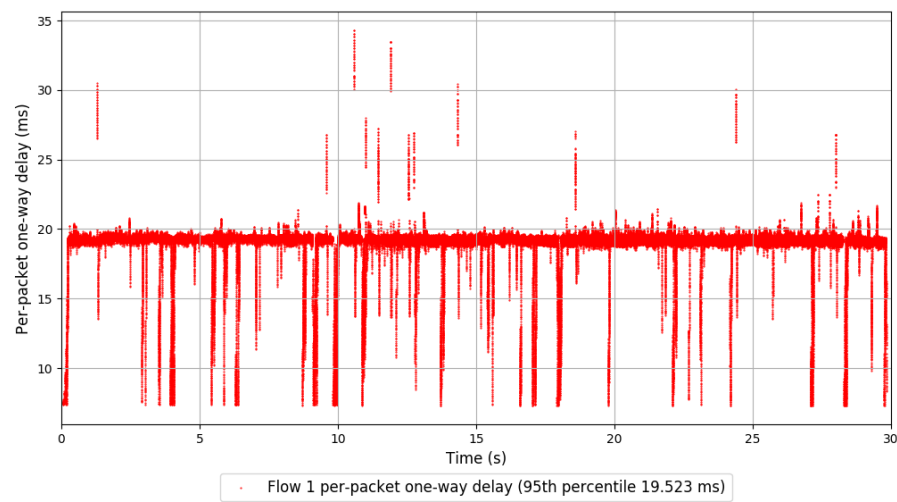
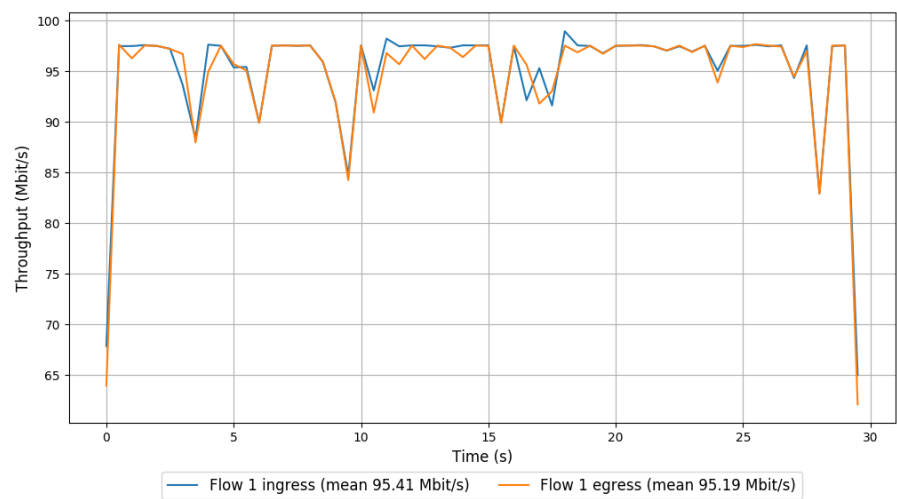
-- Flow 1:

Average throughput: 95.19 Mbit/s

95th percentile per-packet one-way delay: 19.523 ms

Loss rate: 0.33%

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: Wed, 05 Jul 2017 11:13:09 +0000

End at: Wed, 05 Jul 2017 11:13:39 +0000

Local clock offset: 2.977 ms

Remote clock offset: -21.774 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:53:56 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.85 Mbit/s

95th percentile per-packet one-way delay: 17.696 ms

Loss rate: 0.24%

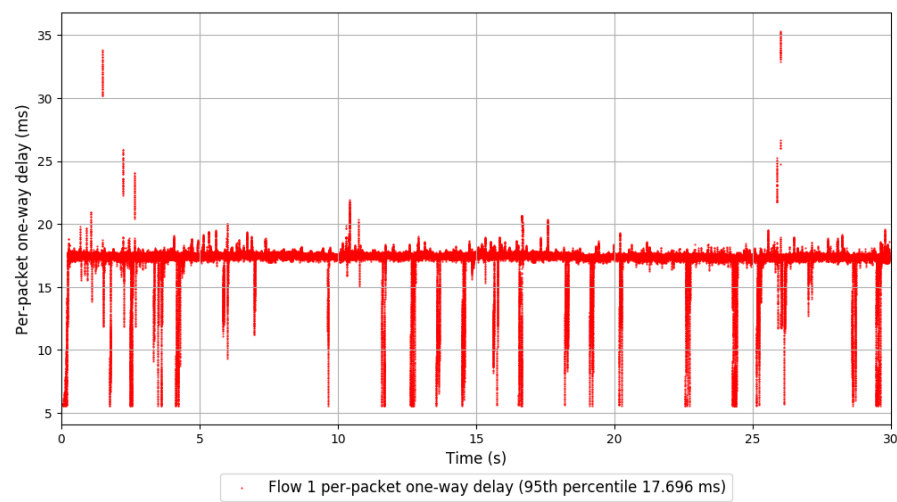
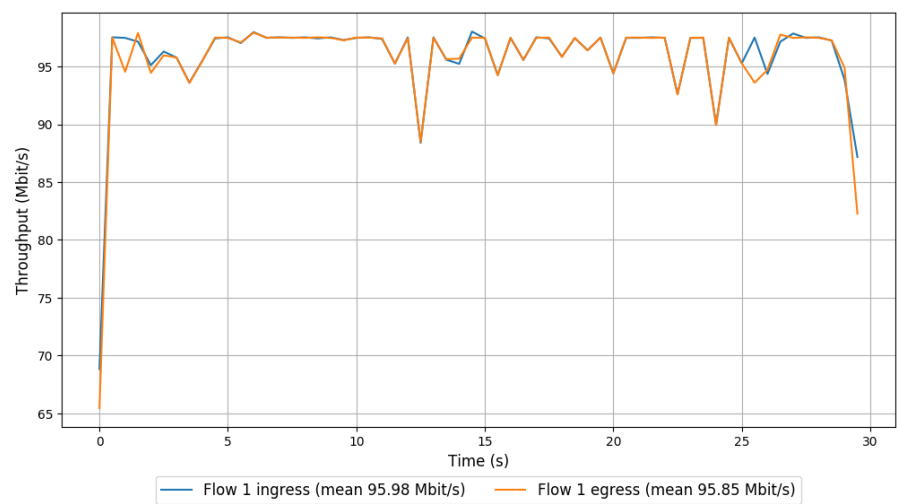
-- Flow 1:

Average throughput: 95.85 Mbit/s

95th percentile per-packet one-way delay: 17.696 ms

Loss rate: 0.24%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: Wed, 05 Jul 2017 11:30:56 +0000

End at: Wed, 05 Jul 2017 11:31:27 +0000

Local clock offset: 4.082 ms

Remote clock offset: -20.73 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:54:03 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.30 Mbit/s

95th percentile per-packet one-way delay: 18.045 ms

Loss rate: 0.24%

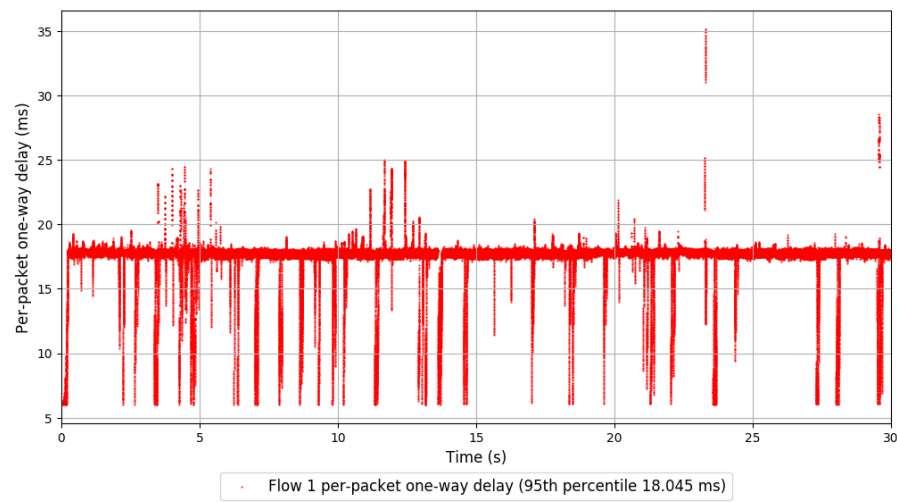
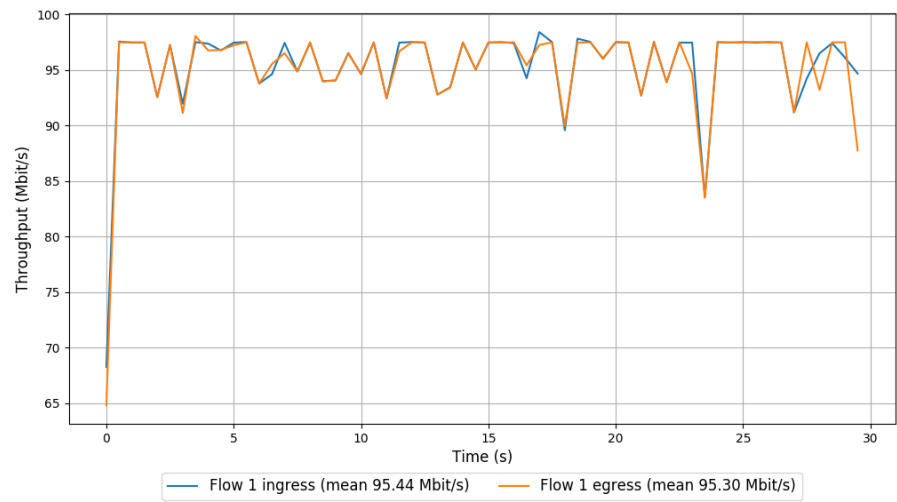
-- Flow 1:

Average throughput: 95.30 Mbit/s

95th percentile per-packet one-way delay: 18.045 ms

Loss rate: 0.24%

Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: Wed, 05 Jul 2017 11:48:48 +0000

End at: Wed, 05 Jul 2017 11:49:18 +0000

Local clock offset: 3.43 ms

Remote clock offset: -40.09 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:54:09 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.64 Mbit/s

95th percentile per-packet one-way delay: 19.304 ms

Loss rate: 0.29%

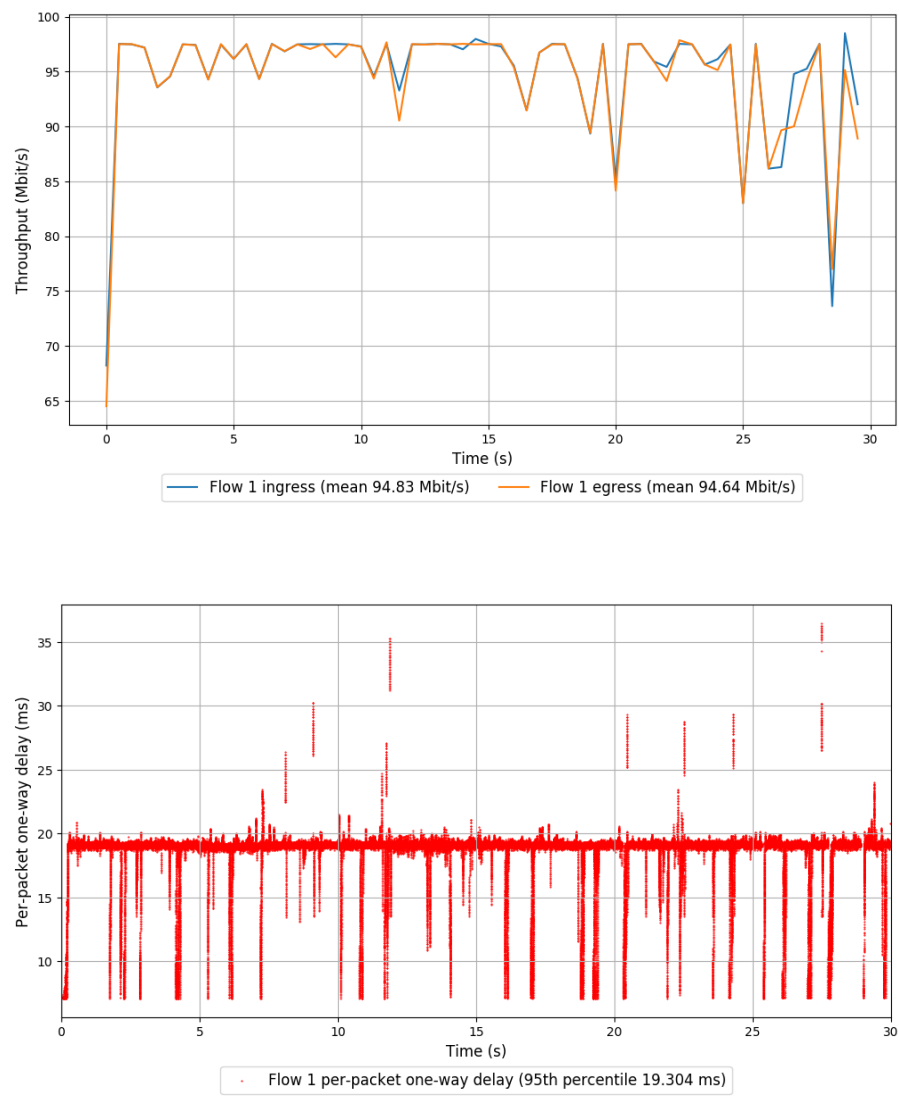
-- Flow 1:

Average throughput: 94.64 Mbit/s

95th percentile per-packet one-way delay: 19.304 ms

Loss rate: 0.29%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: Wed, 05 Jul 2017 12:07:00 +0000

End at: Wed, 05 Jul 2017 12:07:30 +0000

Local clock offset: 1.202 ms

Remote clock offset: -38.915 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:54:16 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.55 Mbit/s

95th percentile per-packet one-way delay: 20.362 ms

Loss rate: 0.23%

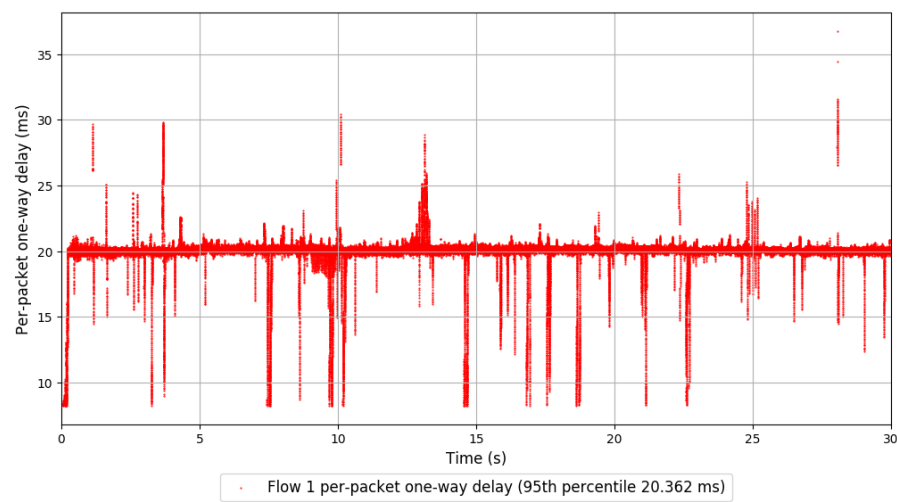
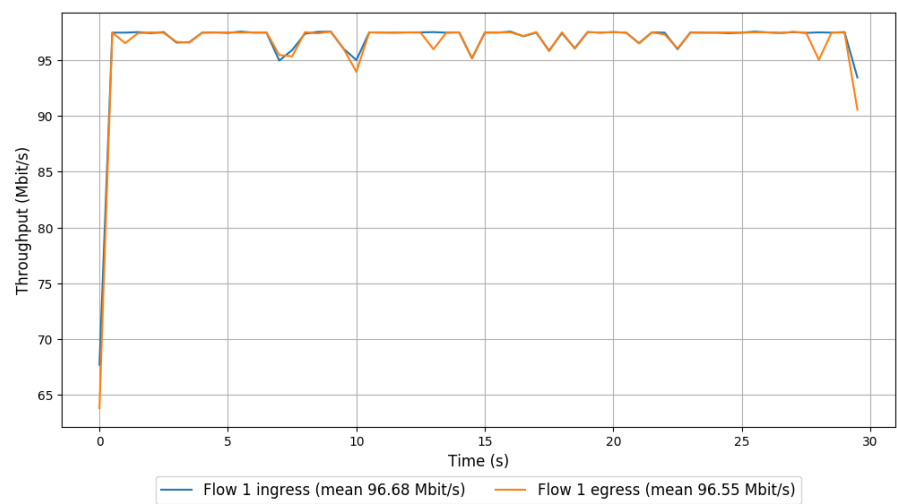
-- Flow 1:

Average throughput: 96.55 Mbit/s

95th percentile per-packet one-way delay: 20.362 ms

Loss rate: 0.23%

Run 7: Report of Verus — Data Link



Run 8: Statistics of Verus

Start at: Wed, 05 Jul 2017 12:24:40 +0000

End at: Wed, 05 Jul 2017 12:25:10 +0000

Local clock offset: 3.352 ms

Remote clock offset: -36.083 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:54:22 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.29 Mbit/s

95th percentile per-packet one-way delay: 22.712 ms

Loss rate: 0.31%

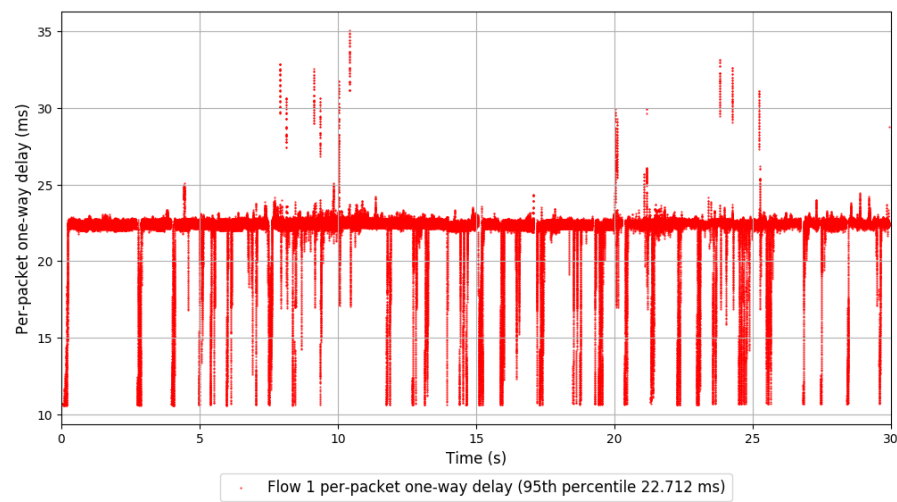
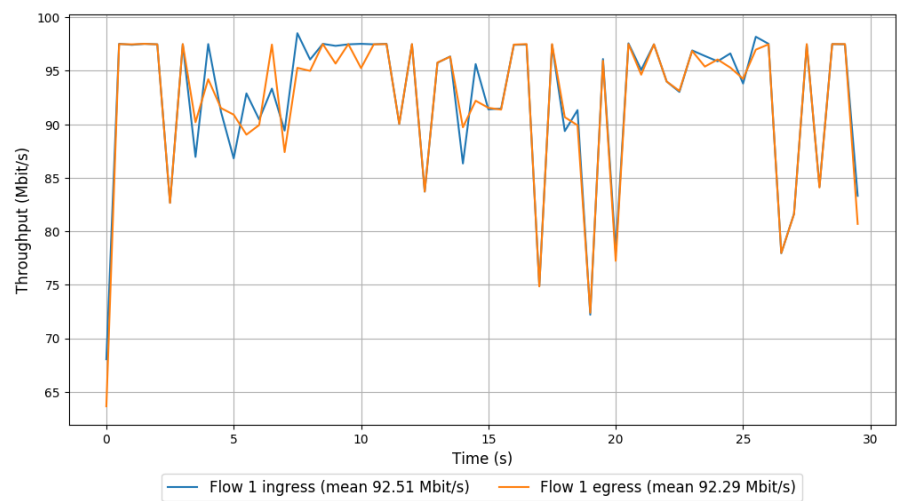
-- Flow 1:

Average throughput: 92.29 Mbit/s

95th percentile per-packet one-way delay: 22.712 ms

Loss rate: 0.31%

Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

Start at: Wed, 05 Jul 2017 12:42:10 +0000

End at: Wed, 05 Jul 2017 12:42:40 +0000

Local clock offset: 0.489 ms

Remote clock offset: -32.429 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:54:29 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.11 Mbit/s

95th percentile per-packet one-way delay: 25.873 ms

Loss rate: 0.34%

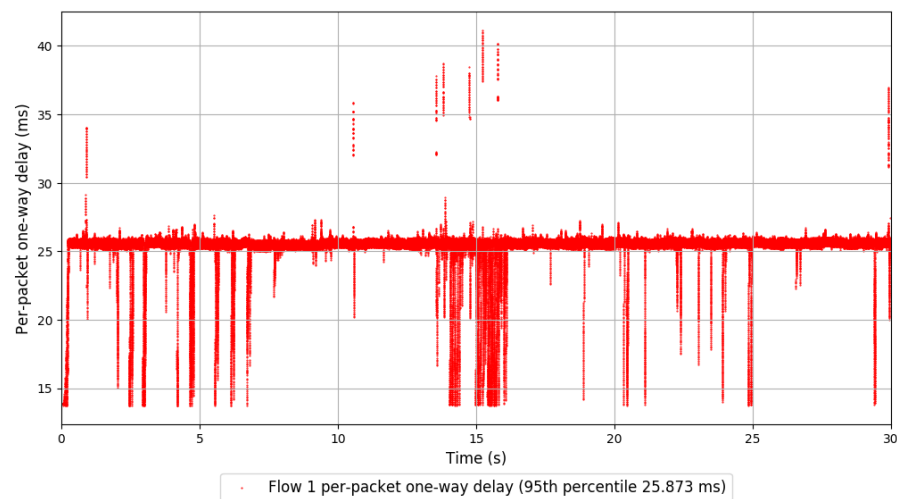
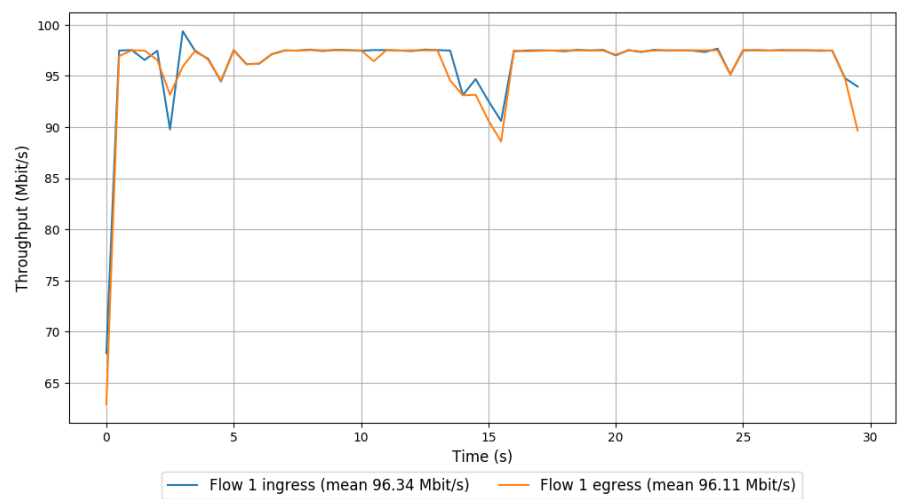
-- Flow 1:

Average throughput: 96.11 Mbit/s

95th percentile per-packet one-way delay: 25.873 ms

Loss rate: 0.34%

Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

Start at: Wed, 05 Jul 2017 12:59:55 +0000

End at: Wed, 05 Jul 2017 13:00:25 +0000

Local clock offset: 1.955 ms

Remote clock offset: -32.951 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:54:38 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.82 Mbit/s

95th percentile per-packet one-way delay: 27.970 ms

Loss rate: 0.50%

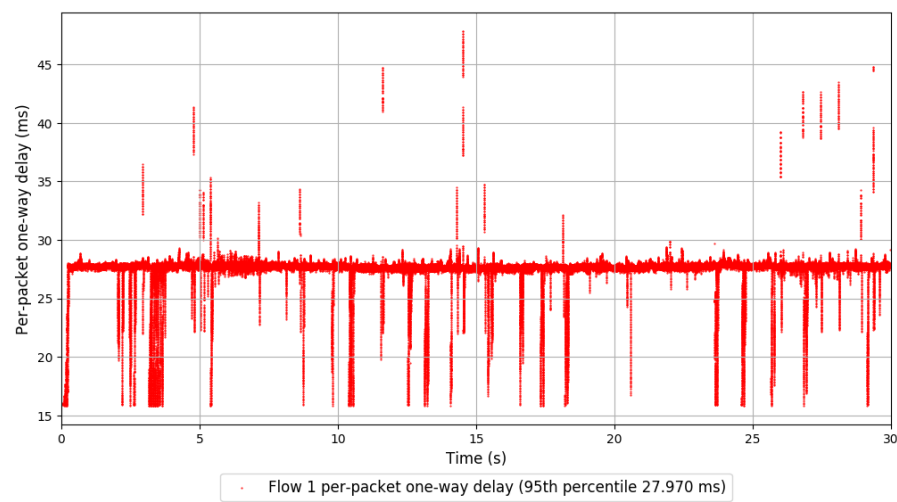
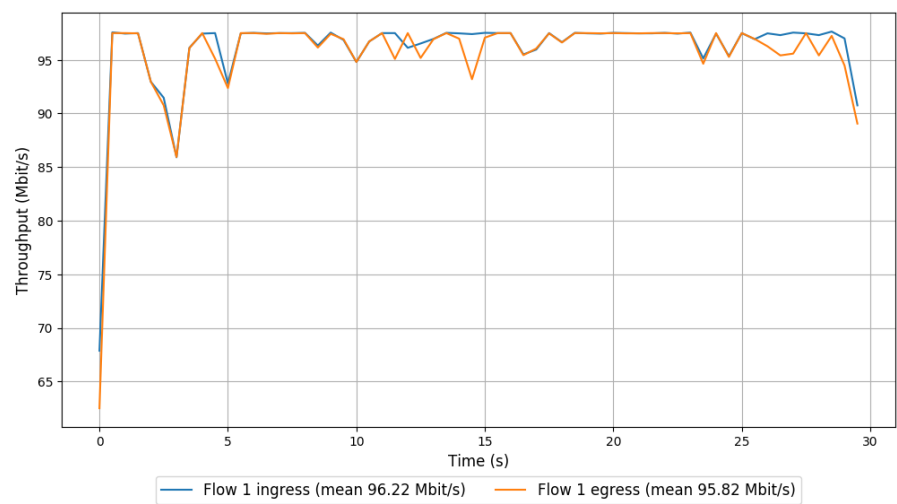
-- Flow 1:

Average throughput: 95.82 Mbit/s

95th percentile per-packet one-way delay: 27.970 ms

Loss rate: 0.50%

Run 10: Report of Verus — Data Link



Run 1: Statistics of WebRTC media

Start at: Wed, 05 Jul 2017 10:20:34 +0000

End at: Wed, 05 Jul 2017 10:21:04 +0000

Local clock offset: 3.419 ms

Remote clock offset: -15.787 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:54:38 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.34 Mbit/s

95th percentile per-packet one-way delay: 12.399 ms

Loss rate: 0.00%

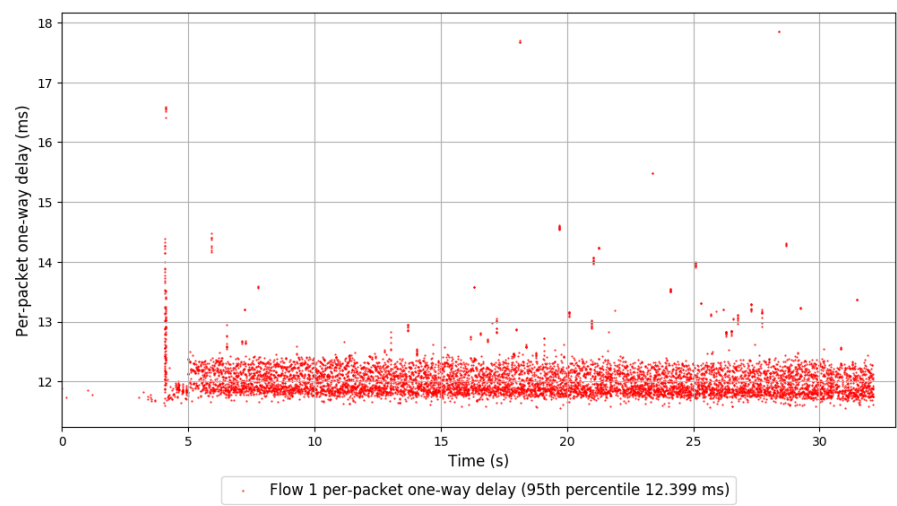
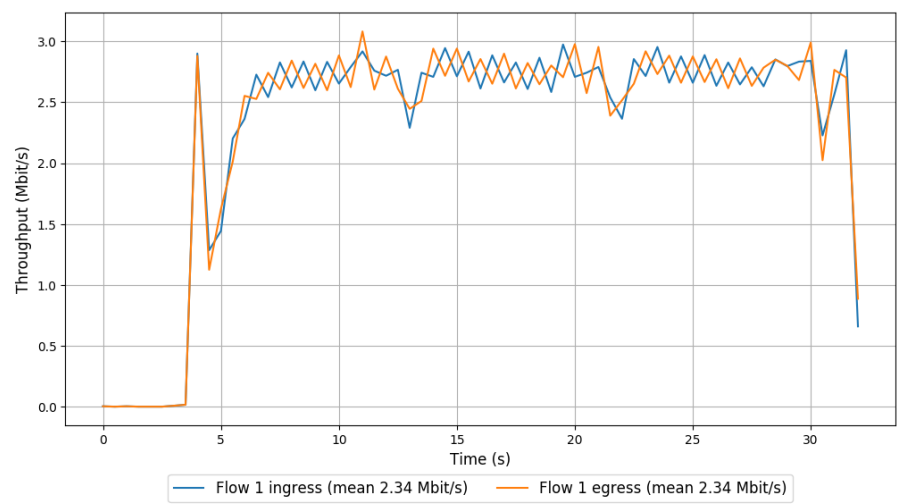
-- Flow 1:

Average throughput: 2.34 Mbit/s

95th percentile per-packet one-way delay: 12.399 ms

Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: Wed, 05 Jul 2017 10:38:21 +0000

End at: Wed, 05 Jul 2017 10:38:51 +0000

Local clock offset: 3.409 ms

Remote clock offset: -19.828 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:54:38 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.35 Mbit/s

95th percentile per-packet one-way delay: 10.079 ms

Loss rate: 0.00%

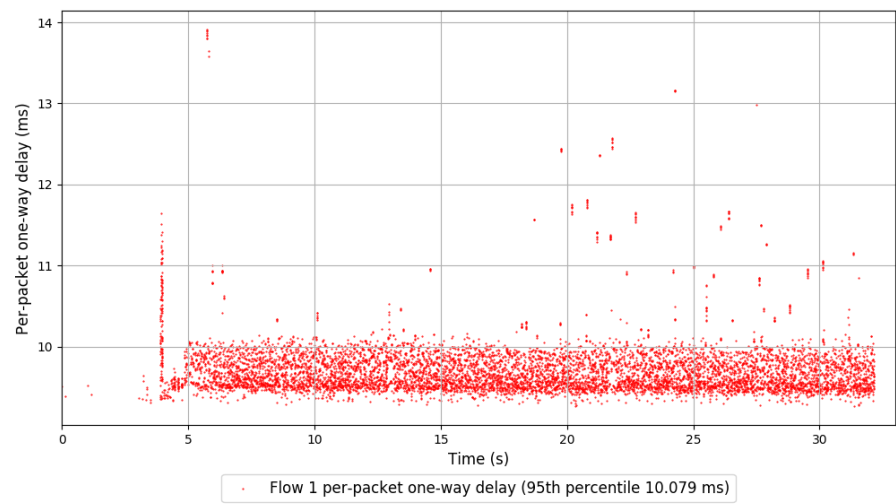
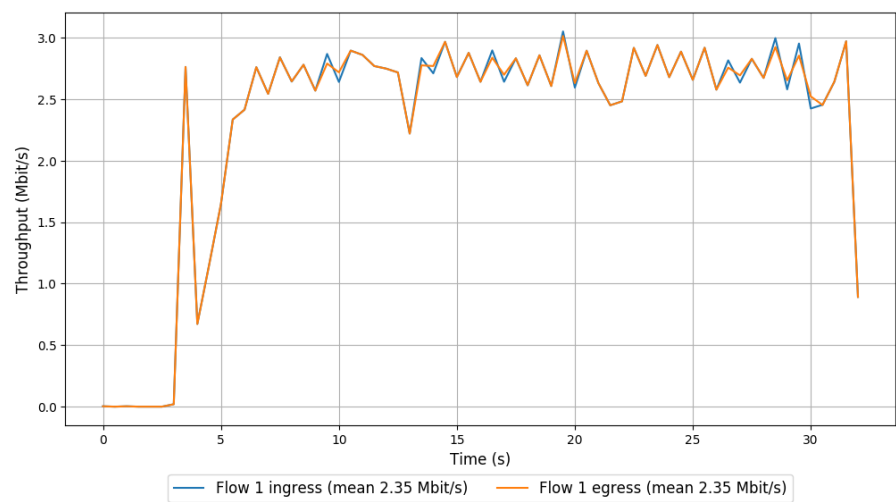
-- Flow 1:

Average throughput: 2.35 Mbit/s

95th percentile per-packet one-way delay: 10.079 ms

Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: Wed, 05 Jul 2017 10:56:42 +0000

End at: Wed, 05 Jul 2017 10:57:12 +0000

Local clock offset: 2.111 ms

Remote clock offset: -21.289 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:54:38 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.35 Mbit/s

95th percentile per-packet one-way delay: 7.855 ms

Loss rate: 0.00%

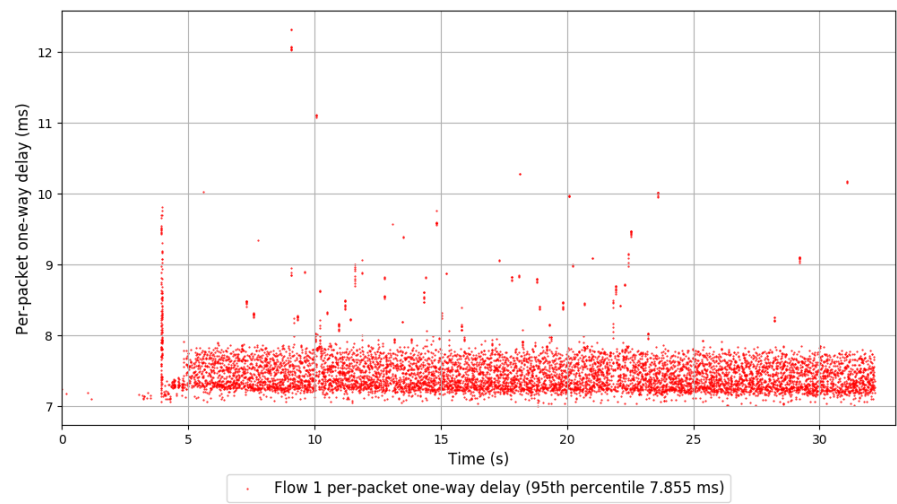
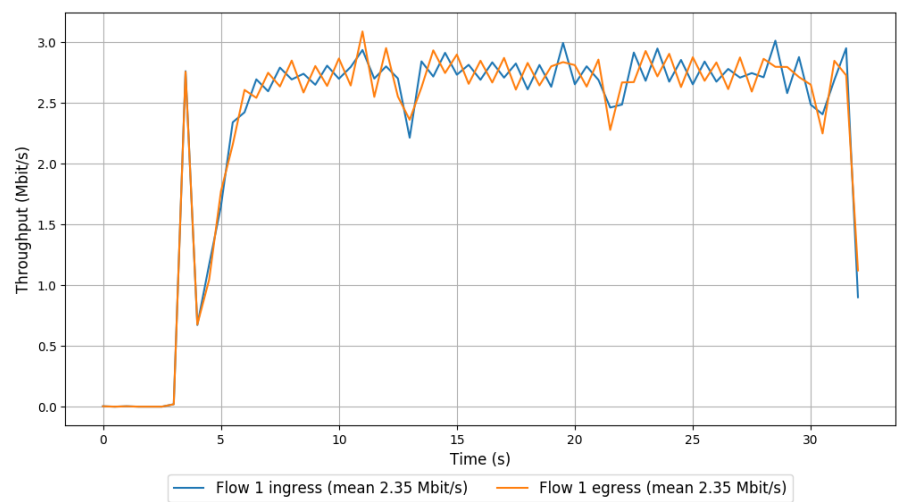
-- Flow 1:

Average throughput: 2.35 Mbit/s

95th percentile per-packet one-way delay: 7.855 ms

Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: Wed, 05 Jul 2017 11:14:26 +0000

End at: Wed, 05 Jul 2017 11:14:56 +0000

Local clock offset: 2.959 ms

Remote clock offset: -22.69 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:54:38 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.35 Mbit/s

95th percentile per-packet one-way delay: 6.259 ms

Loss rate: 0.14%

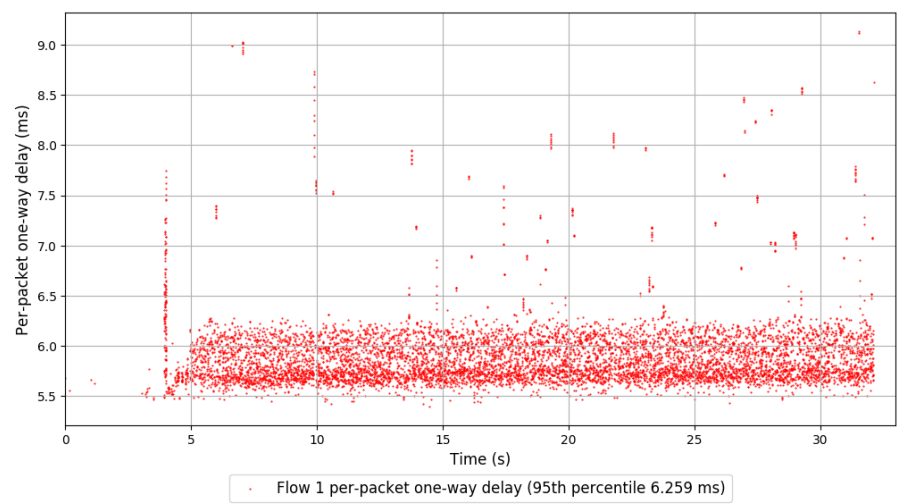
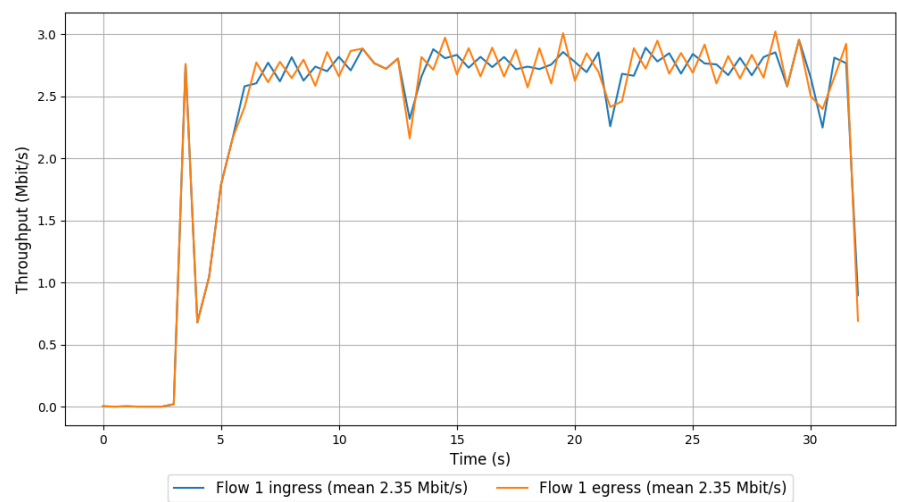
-- Flow 1:

Average throughput: 2.35 Mbit/s

95th percentile per-packet one-way delay: 6.259 ms

Loss rate: 0.14%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: Wed, 05 Jul 2017 11:32:10 +0000

End at: Wed, 05 Jul 2017 11:32:40 +0000

Local clock offset: 1.696 ms

Remote clock offset: -22.459 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:54:38 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.35 Mbit/s

95th percentile per-packet one-way delay: 6.715 ms

Loss rate: 0.00%

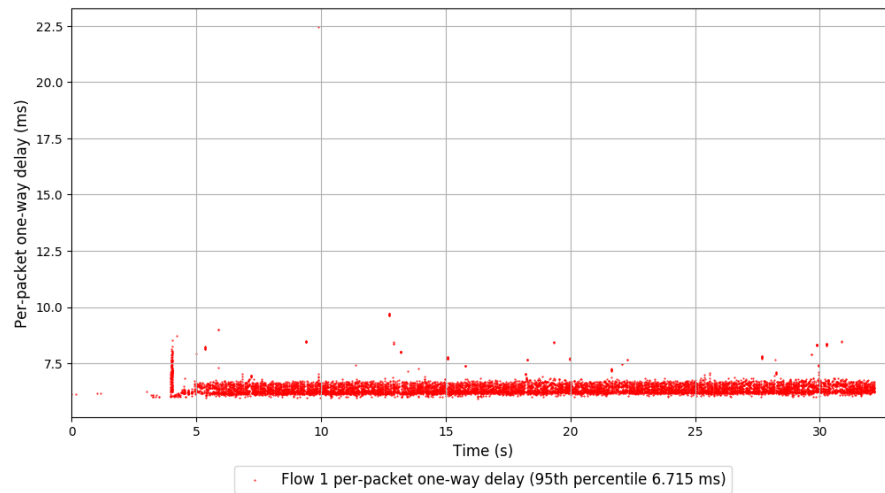
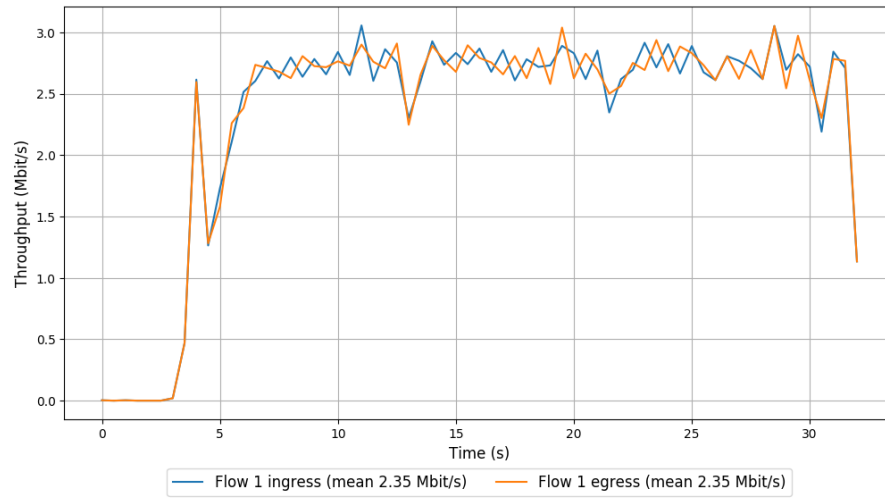
-- Flow 1:

Average throughput: 2.35 Mbit/s

95th percentile per-packet one-way delay: 6.715 ms

Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: Wed, 05 Jul 2017 11:50:06 +0000

End at: Wed, 05 Jul 2017 11:50:36 +0000

Local clock offset: 0.802 ms

Remote clock offset: -37.481 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:54:38 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.35 Mbit/s

95th percentile per-packet one-way delay: 7.795 ms

Loss rate: 0.15%

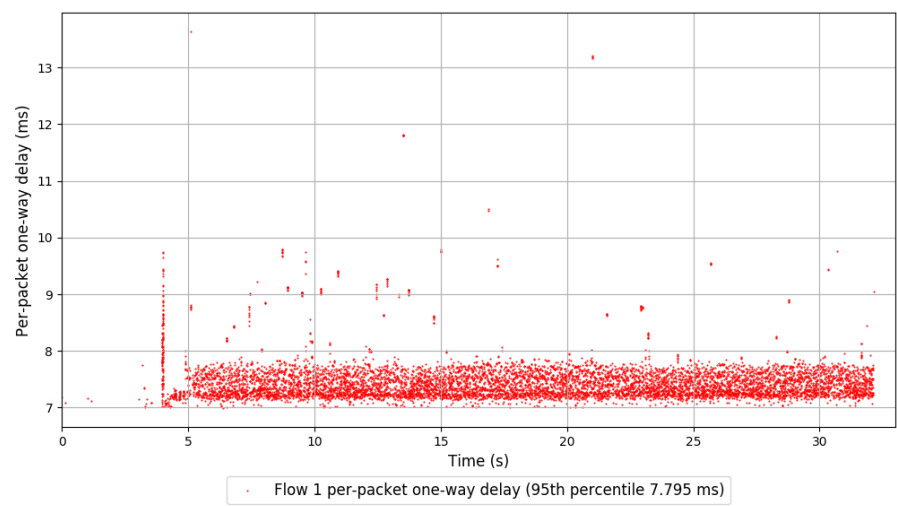
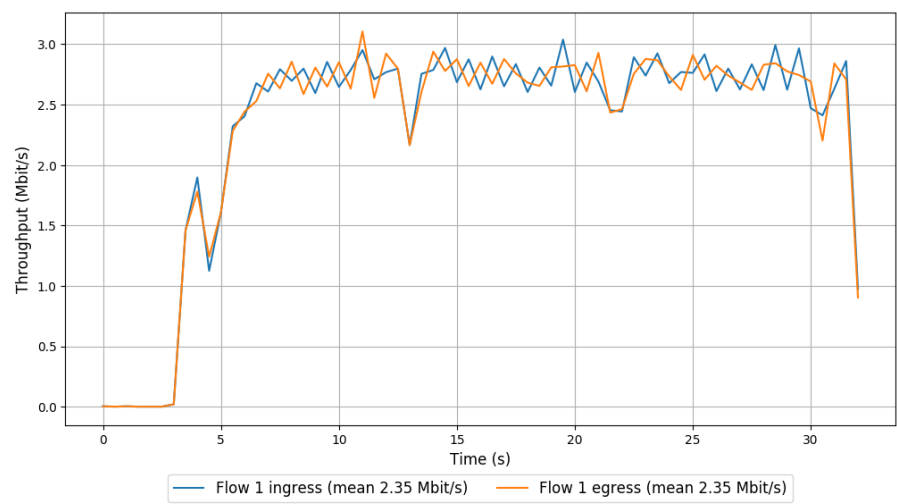
-- Flow 1:

Average throughput: 2.35 Mbit/s

95th percentile per-packet one-way delay: 7.795 ms

Loss rate: 0.15%

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: Wed, 05 Jul 2017 12:08:13 +0000

End at: Wed, 05 Jul 2017 12:08:43 +0000

Local clock offset: -0.075 ms

Remote clock offset: -37.723 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:54:39 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.35 Mbit/s

95th percentile per-packet one-way delay: 8.996 ms

Loss rate: 0.00%

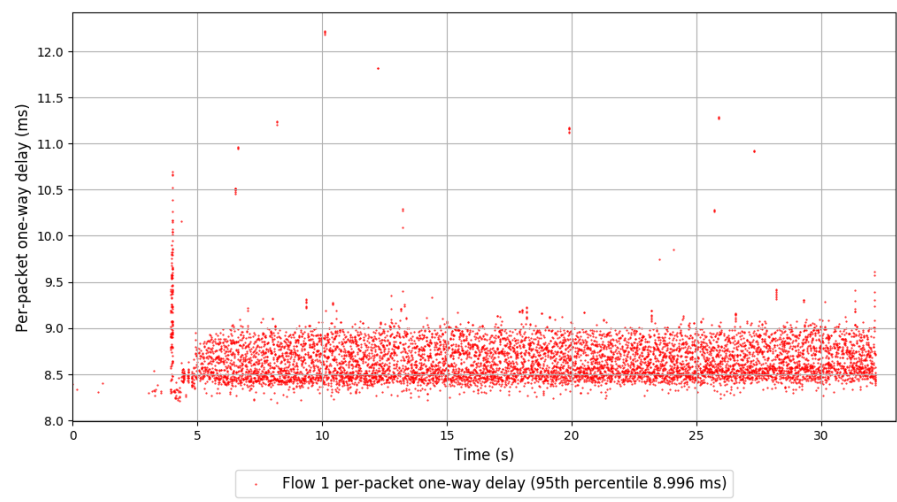
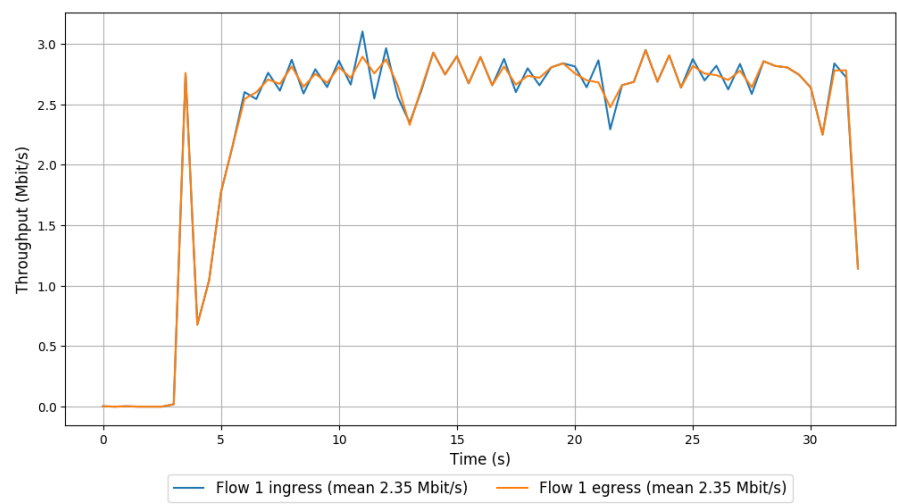
-- Flow 1:

Average throughput: 2.35 Mbit/s

95th percentile per-packet one-way delay: 8.996 ms

Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

Start at: Wed, 05 Jul 2017 12:25:53 +0000

End at: Wed, 05 Jul 2017 12:26:23 +0000

Local clock offset: -0.473 ms

Remote clock offset: -34.471 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:54:40 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.34 Mbit/s

95th percentile per-packet one-way delay: 11.484 ms

Loss rate: 0.14%

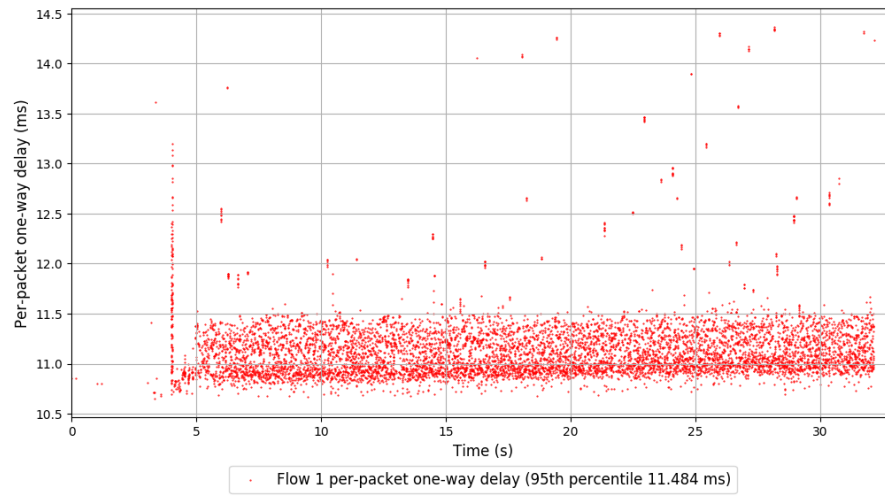
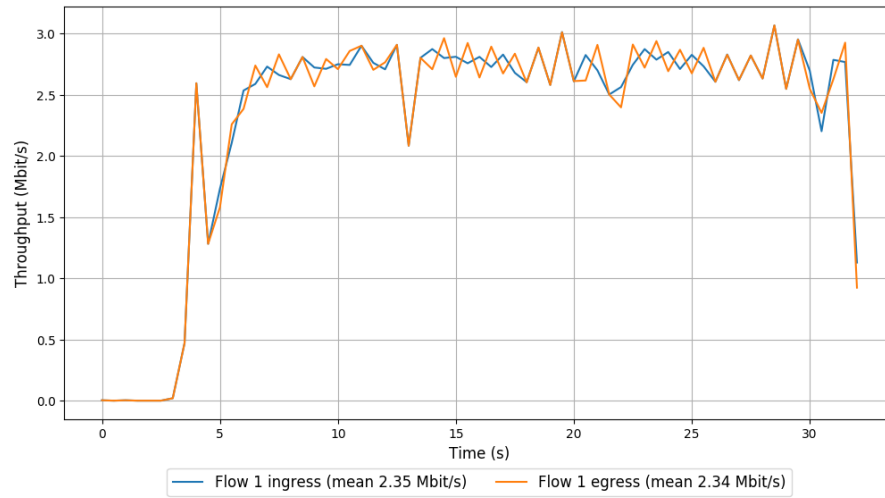
-- Flow 1:

Average throughput: 2.34 Mbit/s

95th percentile per-packet one-way delay: 11.484 ms

Loss rate: 0.14%

Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

Start at: Wed, 05 Jul 2017 12:43:29 +0000

End at: Wed, 05 Jul 2017 12:43:59 +0000

Local clock offset: -0.809 ms

Remote clock offset: -33.81 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:54:41 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.34 Mbit/s

95th percentile per-packet one-way delay: 14.604 ms

Loss rate: 0.14%

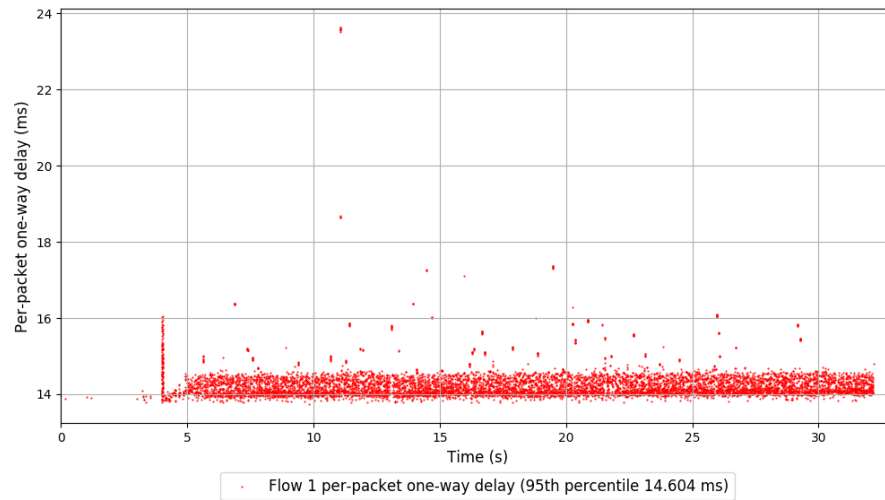
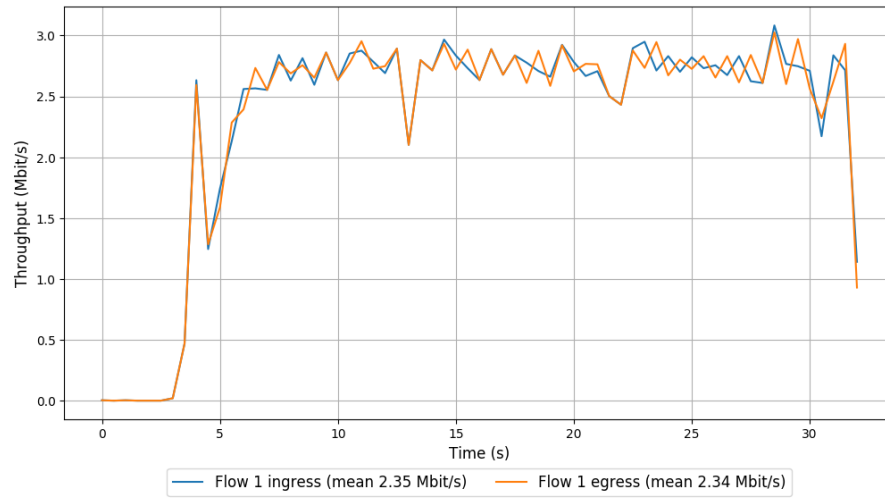
-- Flow 1:

Average throughput: 2.34 Mbit/s

95th percentile per-packet one-way delay: 14.604 ms

Loss rate: 0.14%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: Wed, 05 Jul 2017 13:01:11 +0000

End at: Wed, 05 Jul 2017 13:01:41 +0000

Local clock offset: -0.112 ms

Remote clock offset: -30.087 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:54:41 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.35 Mbit/s

95th percentile per-packet one-way delay: 16.471 ms

Loss rate: 0.04%

-- Flow 1:

Average throughput: 2.35 Mbit/s

95th percentile per-packet one-way delay: 16.471 ms

Loss rate: 0.04%

Run 10: Report of WebRTC media — Data Link

