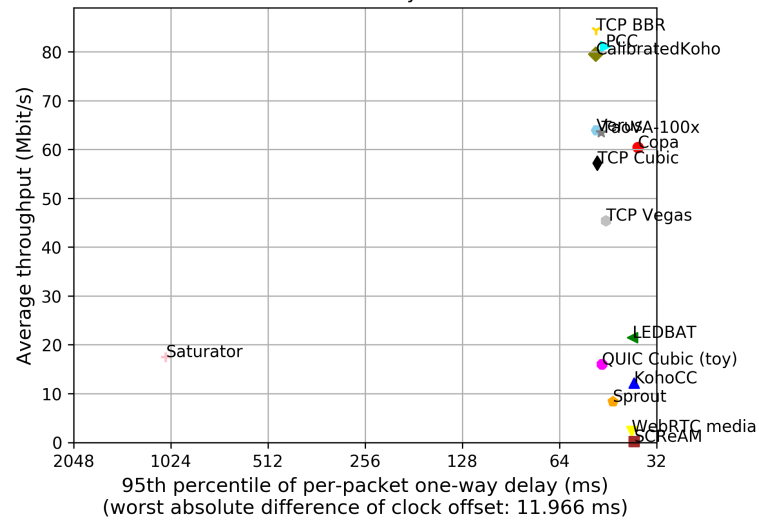


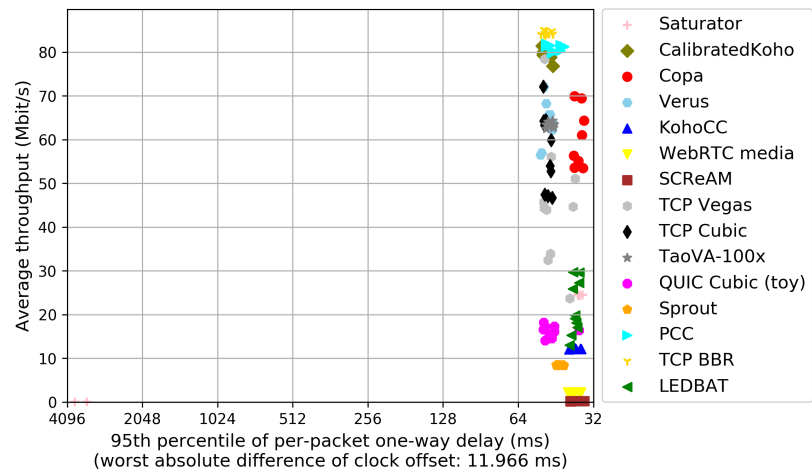
Pantheon Summary (Generated at Wed, 14 Jun 2017 12:02:13 +0000 with
pantheon version 0502c2c57571426cde66b34b88203c82b91e4e5c)
Repeated the test of 15 congestion control schemes 10 times.
Each test lasted for 30 seconds running 1 flow.
Data path **from** Mexico Ethernet **to** AWS California 2 Ethernet.
NTP offset measured against time.stanford.edu.

```
git branch: master @ 0502c2c57571426cde66b34b88203c82b91e4e5c
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 @ 4893799ab83a43fa2d3236507d168f461e1243ed
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
```

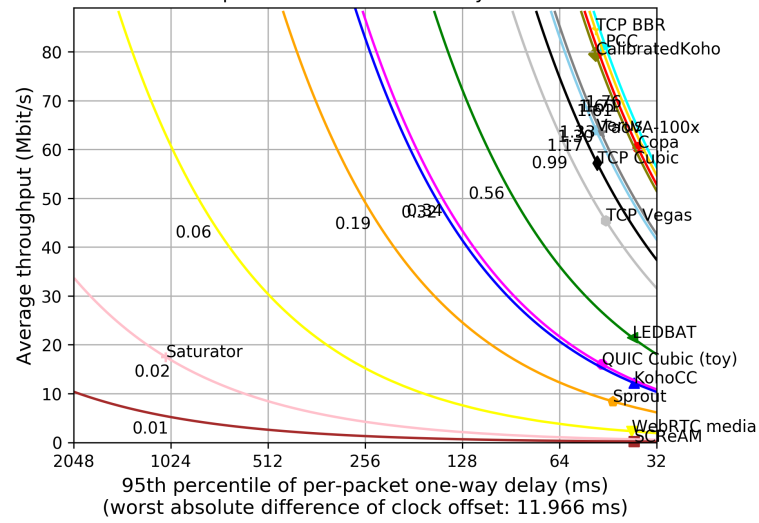
test from Mexico Ethernet to AWS California 2 Ethernet, runs 10 of 30s each per scheme
mean of all runs by scheme



test from Mexico Ethernet to AWS California 2 Ethernet, runs 10 of 30s each per scheme



test from Mexico Ethernet to AWS California 2 Ethernet, runs 10 of 30s each per scheme
 mean power scores of all runs by scheme



Run 1: Statistics of TCP BBR

Start at: Wed, 14 Jun 2017 08:01:05 +0000

End at: Wed, 14 Jun 2017 08:01:35 +0000

Local clock offset: 0.338 ms

Remote clock offset: -11.628 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:53:02 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.00 Mbit/s

95th percentile per-packet one-way delay: 50.346 ms

Loss rate: 0.52%

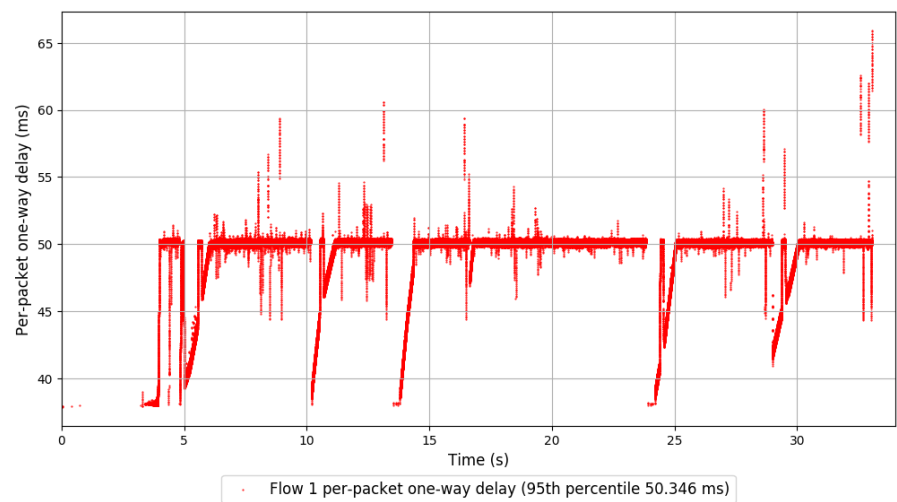
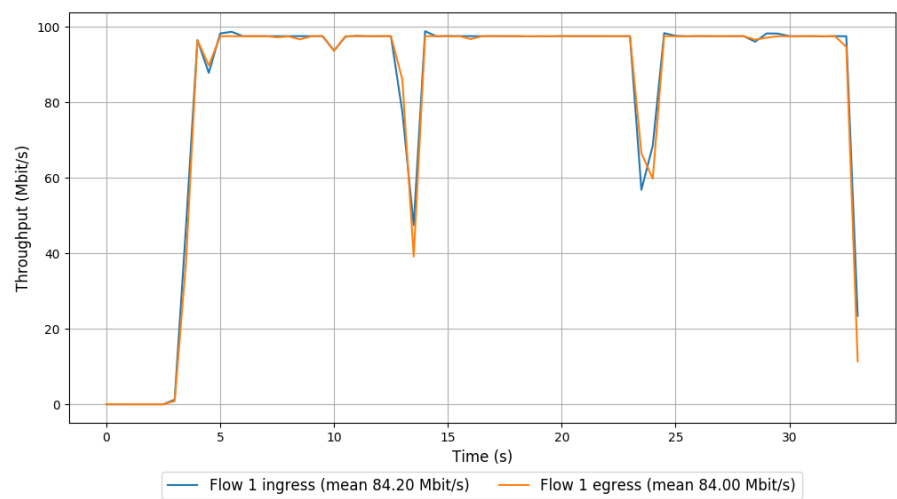
-- Flow 1:

Average throughput: 84.00 Mbit/s

95th percentile per-packet one-way delay: 50.346 ms

Loss rate: 0.52%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: Wed, 14 Jun 2017 08:20:50 +0000

End at: Wed, 14 Jun 2017 08:21:20 +0000

Local clock offset: -0.576 ms

Remote clock offset: -11.085 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:53:02 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.29 Mbit/s

95th percentile per-packet one-way delay: 50.515 ms

Loss rate: 0.43%

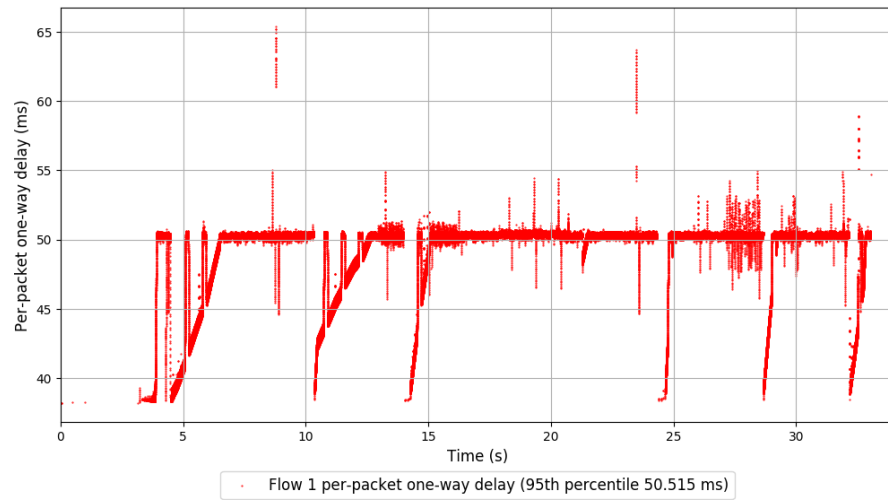
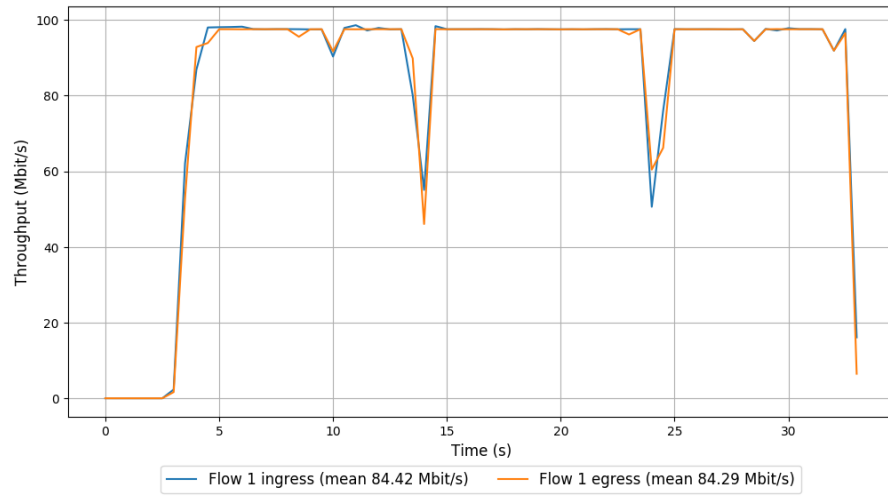
-- Flow 1:

Average throughput: 84.29 Mbit/s

95th percentile per-packet one-way delay: 50.515 ms

Loss rate: 0.43%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: Wed, 14 Jun 2017 08:40:52 +0000

End at: Wed, 14 Jun 2017 08:41:22 +0000

Local clock offset: -1.527 ms

Remote clock offset: -0.973 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:53:15 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.14 Mbit/s

95th percentile per-packet one-way delay: 50.659 ms

Loss rate: 0.61%

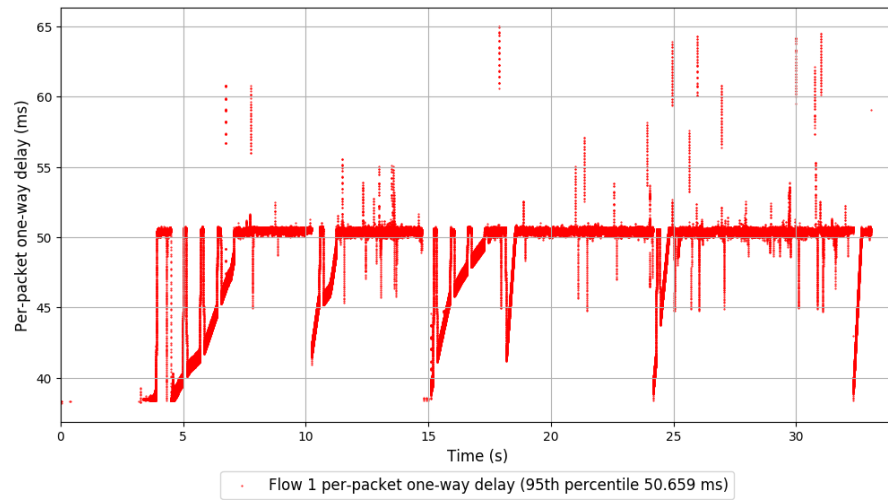
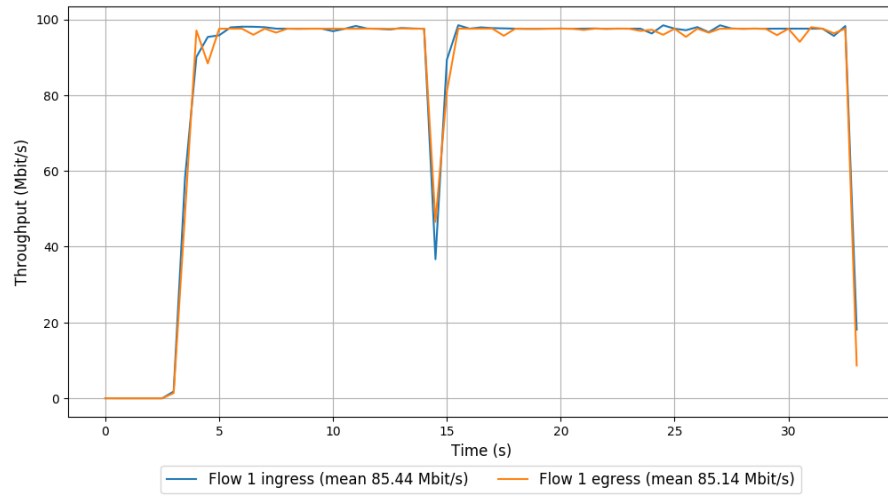
-- Flow 1:

Average throughput: 85.14 Mbit/s

95th percentile per-packet one-way delay: 50.659 ms

Loss rate: 0.61%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: Wed, 14 Jun 2017 09:00:33 +0000

End at: Wed, 14 Jun 2017 09:01:03 +0000

Local clock offset: -1.384 ms

Remote clock offset: -1.154 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:53:15 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.07 Mbit/s

95th percentile per-packet one-way delay: 51.922 ms

Loss rate: 0.46%

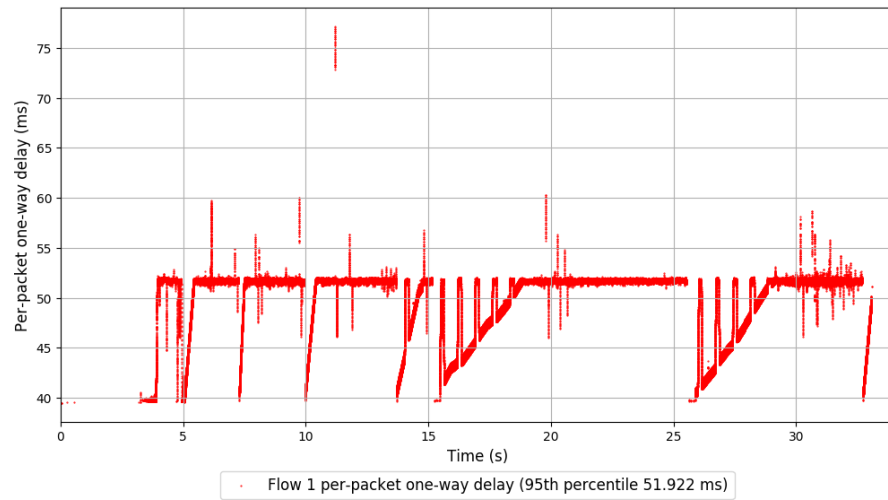
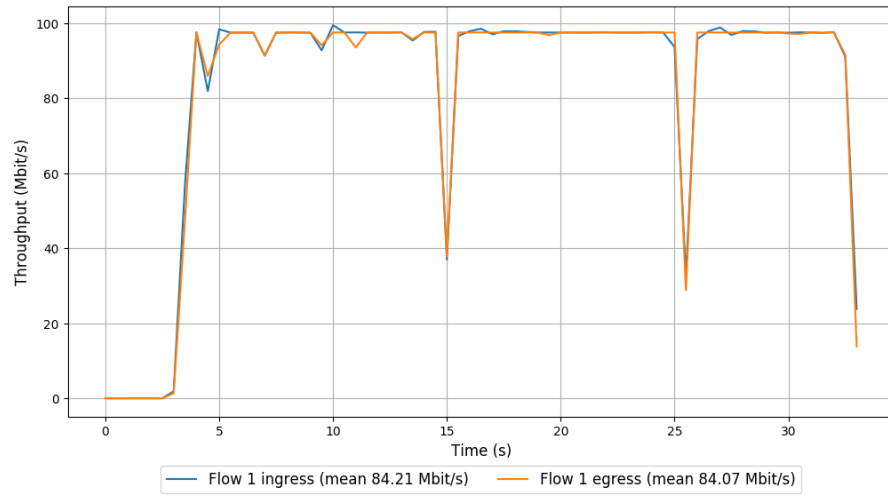
-- Flow 1:

Average throughput: 84.07 Mbit/s

95th percentile per-packet one-way delay: 51.922 ms

Loss rate: 0.46%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: Wed, 14 Jun 2017 09:20:08 +0000

End at: Wed, 14 Jun 2017 09:20:38 +0000

Local clock offset: -1.065 ms

Remote clock offset: -3.799 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:53:27 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.93 Mbit/s

95th percentile per-packet one-way delay: 49.787 ms

Loss rate: 0.81%

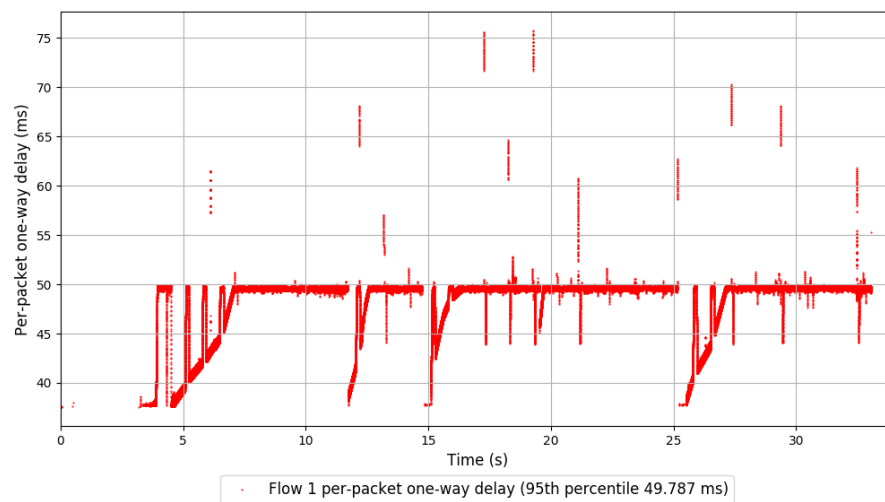
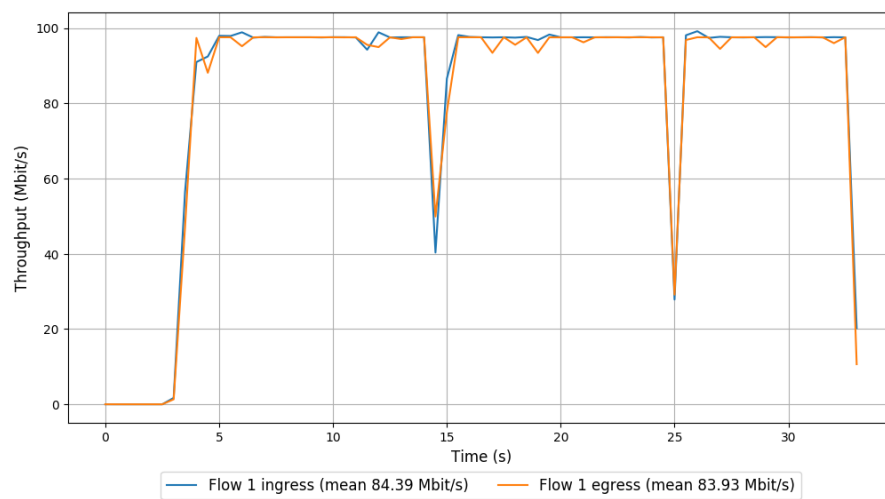
-- Flow 1:

Average throughput: 83.93 Mbit/s

95th percentile per-packet one-way delay: 49.787 ms

Loss rate: 0.81%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: Wed, 14 Jun 2017 09:39:41 +0000

End at: Wed, 14 Jun 2017 09:40:11 +0000

Local clock offset: -0.836 ms

Remote clock offset: -0.513 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:53:28 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.05 Mbit/s

95th percentile per-packet one-way delay: 49.944 ms

Loss rate: 0.53%

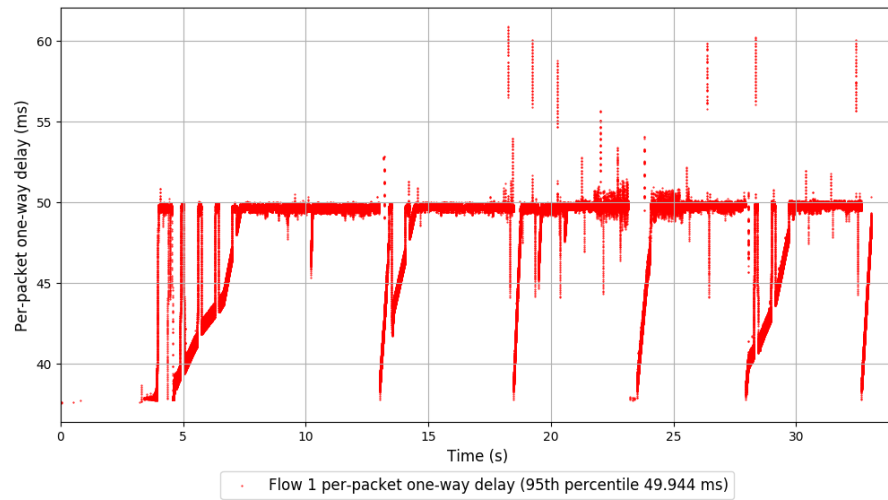
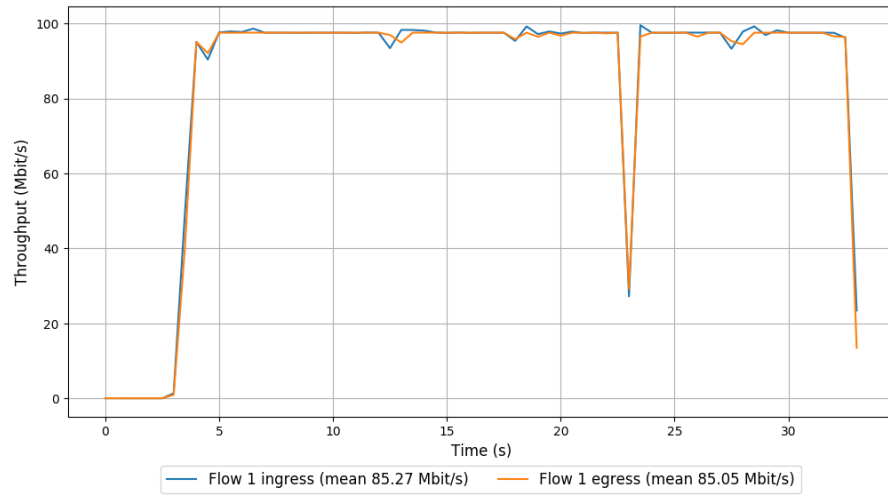
-- Flow 1:

Average throughput: 85.05 Mbit/s

95th percentile per-packet one-way delay: 49.944 ms

Loss rate: 0.53%

Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

Start at: Wed, 14 Jun 2017 09:59:26 +0000

End at: Wed, 14 Jun 2017 09:59:56 +0000

Local clock offset: -0.416 ms

Remote clock offset: -3.165 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:53:41 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.39 Mbit/s

95th percentile per-packet one-way delay: 48.854 ms

Loss rate: 0.39%

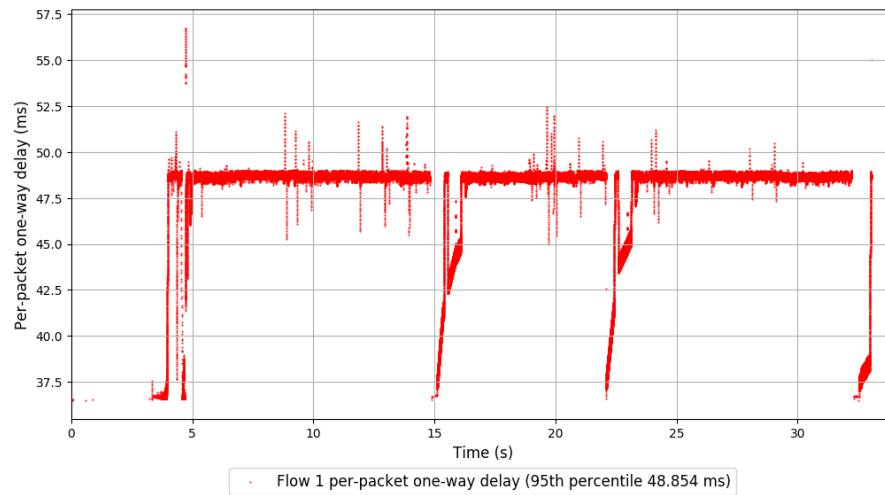
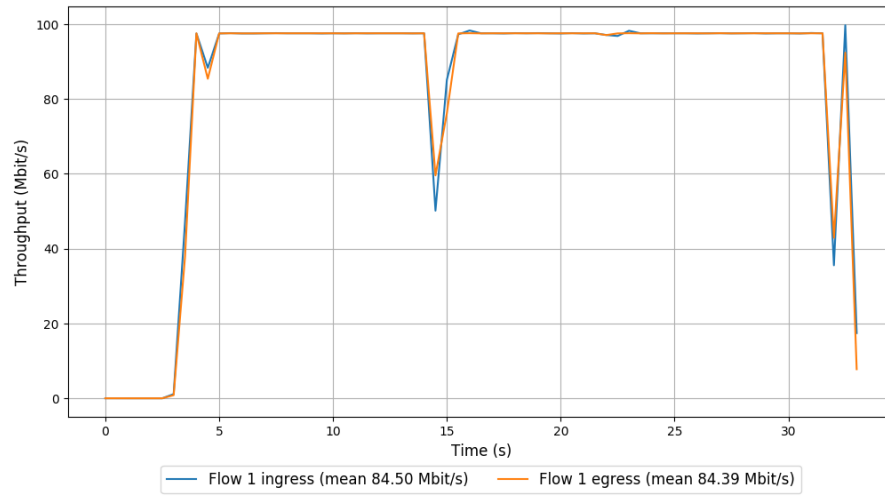
-- Flow 1:

Average throughput: 84.39 Mbit/s

95th percentile per-packet one-way delay: 48.854 ms

Loss rate: 0.39%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: Wed, 14 Jun 2017 10:19:11 +0000

End at: Wed, 14 Jun 2017 10:19:41 +0000

Local clock offset: 0.123 ms

Remote clock offset: -3.457 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:53:41 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.20 Mbit/s

95th percentile per-packet one-way delay: 48.146 ms

Loss rate: 0.49%

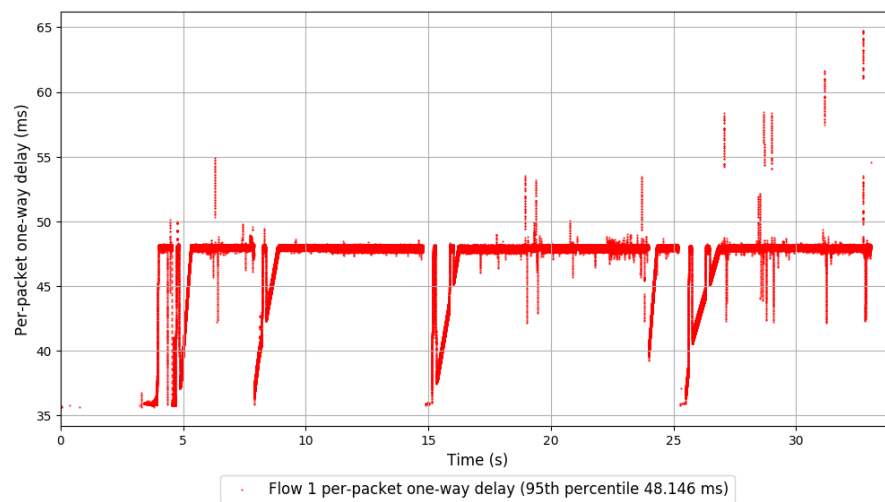
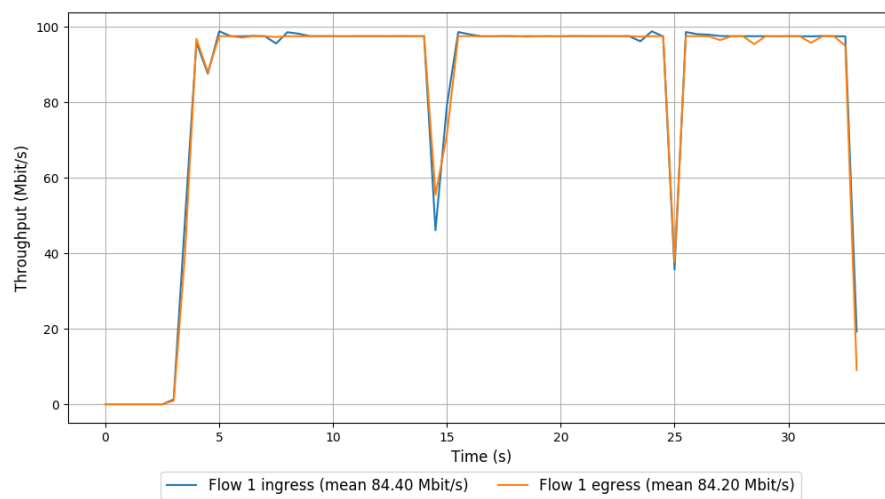
-- Flow 1:

Average throughput: 84.20 Mbit/s

95th percentile per-packet one-way delay: 48.146 ms

Loss rate: 0.49%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: Wed, 14 Jun 2017 10:38:53 +0000

End at: Wed, 14 Jun 2017 10:39:23 +0000

Local clock offset: 0.7 ms

Remote clock offset: -3.037 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:53:54 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.11 Mbit/s

95th percentile per-packet one-way delay: 46.517 ms

Loss rate: 0.53%

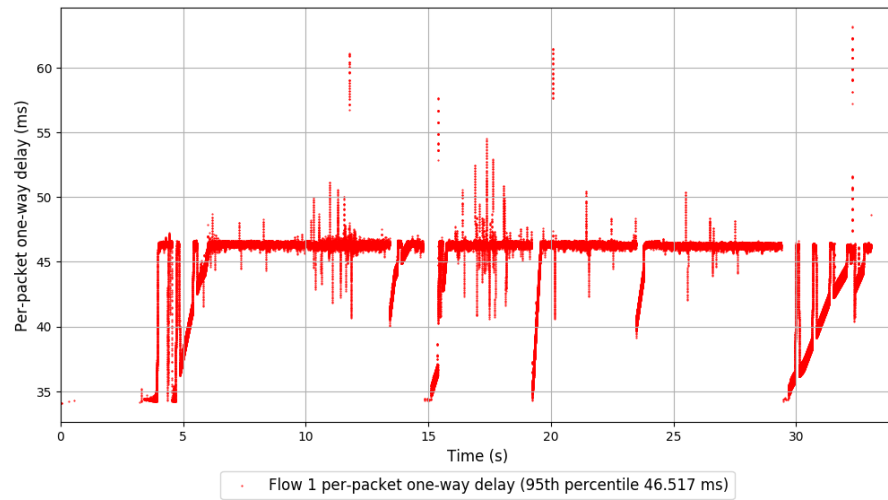
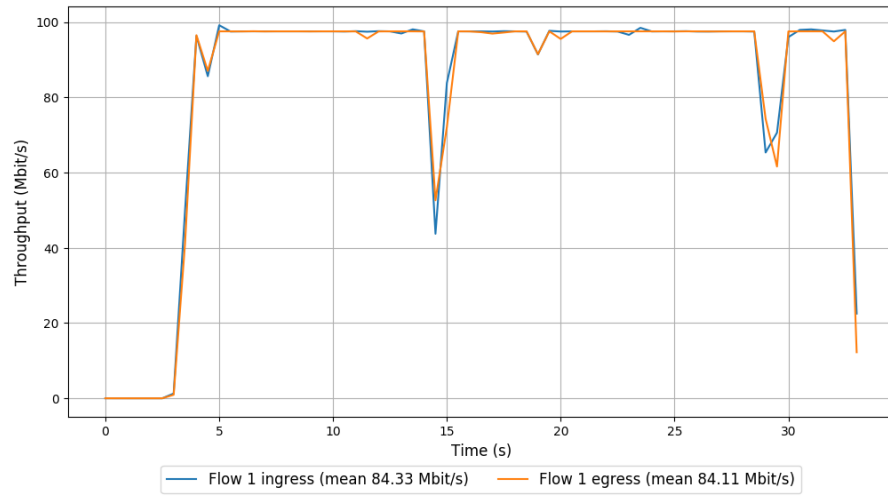
-- Flow 1:

Average throughput: 84.11 Mbit/s

95th percentile per-packet one-way delay: 46.517 ms

Loss rate: 0.53%

Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

Start at: Wed, 14 Jun 2017 10:58:36 +0000

End at: Wed, 14 Jun 2017 10:59:06 +0000

Local clock offset: 0.282 ms

Remote clock offset: -5.88 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:53:54 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.84 Mbit/s

95th percentile per-packet one-way delay: 46.891 ms

Loss rate: 0.30%

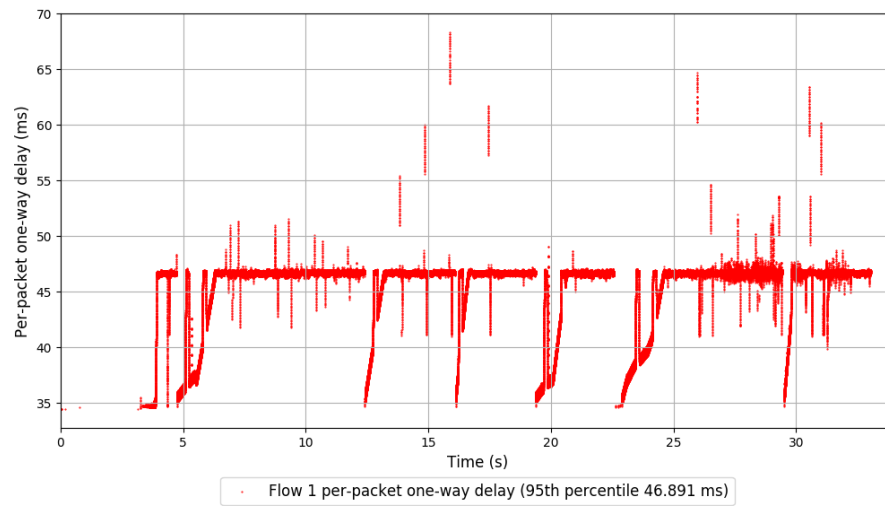
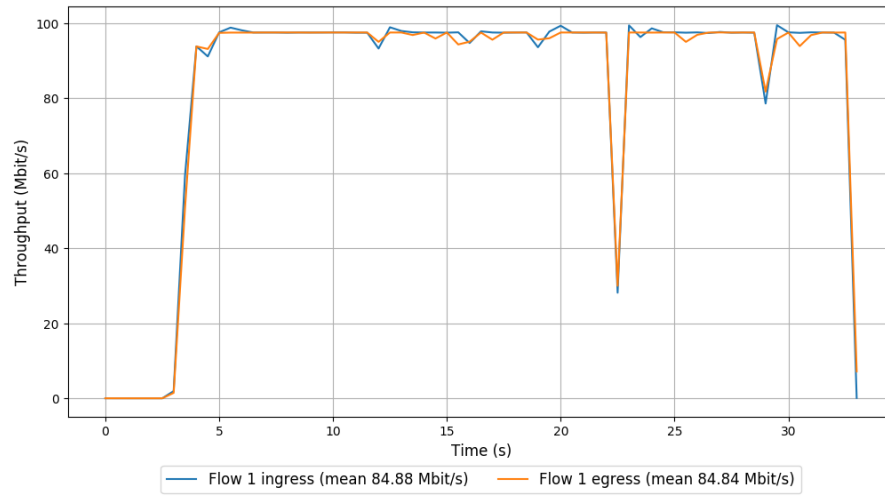
-- Flow 1:

Average throughput: 84.84 Mbit/s

95th percentile per-packet one-way delay: 46.891 ms

Loss rate: 0.30%

Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of CalibratedKoho

Start at: Wed, 14 Jun 2017 07:54:34 +0000

End at: Wed, 14 Jun 2017 07:55:04 +0000

Local clock offset: 0.227 ms

Remote clock offset: -8.64 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:54:05 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.52 Mbit/s

95th percentile per-packet one-way delay: 49.451 ms

Loss rate: 0.71%

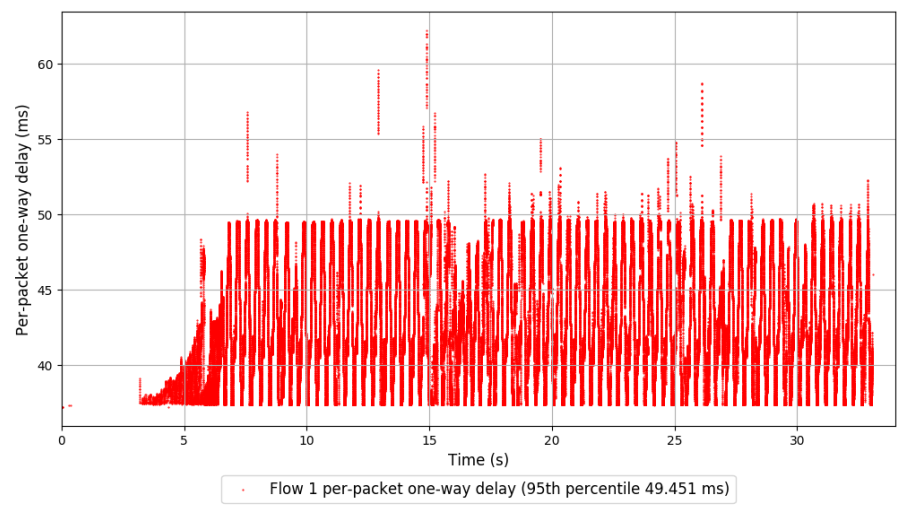
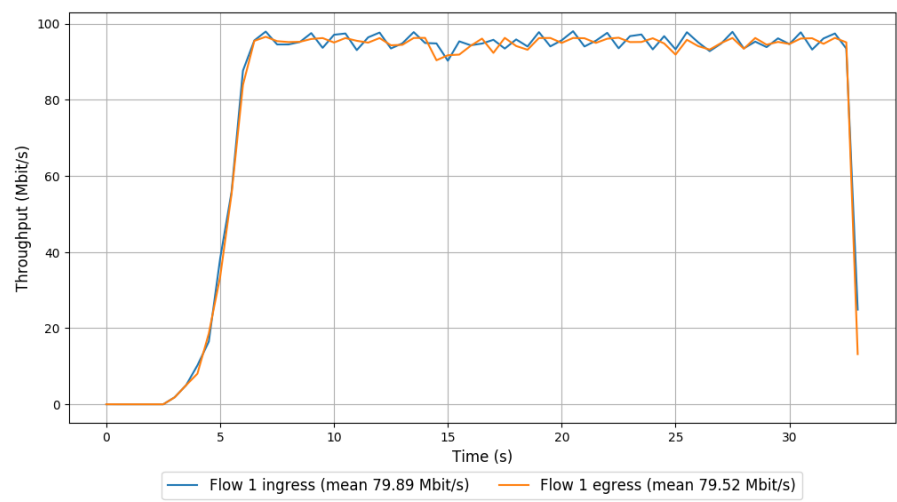
-- Flow 1:

Average throughput: 79.52 Mbit/s

95th percentile per-packet one-way delay: 49.451 ms

Loss rate: 0.71%

Run 1: Report of CalibratedKoho — Data Link



Run 2: Statistics of CalibratedKoho

Start at: Wed, 14 Jun 2017 08:14:18 +0000

End at: Wed, 14 Jun 2017 08:14:48 +0000

Local clock offset: -0.061 ms

Remote clock offset: -11.153 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:54:06 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.62 Mbit/s

95th percentile per-packet one-way delay: 50.767 ms

Loss rate: 0.65%

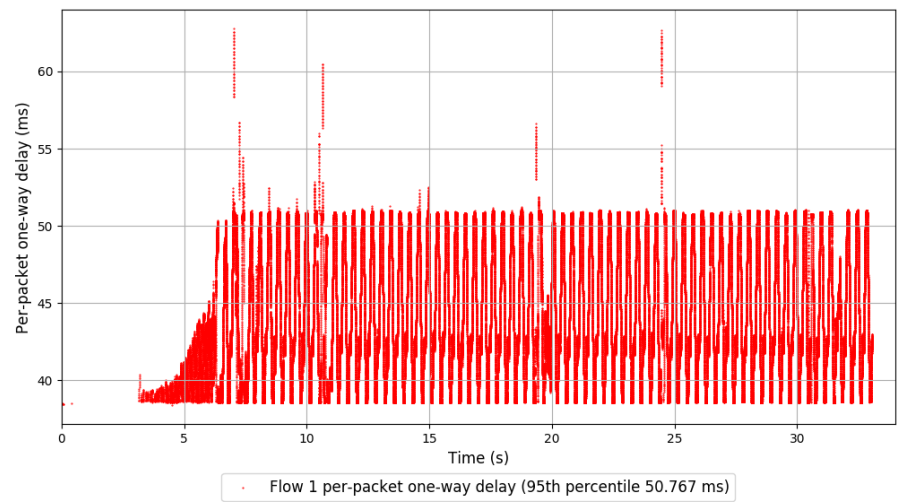
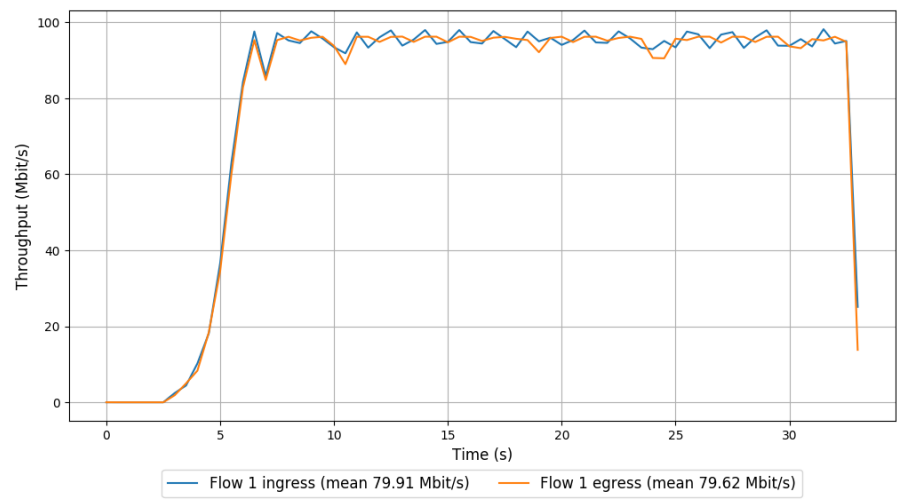
-- Flow 1:

Average throughput: 79.62 Mbit/s

95th percentile per-packet one-way delay: 50.767 ms

Loss rate: 0.65%

Run 2: Report of CalibratedKoho — Data Link



Run 3: Statistics of CalibratedKoho

Start at: Wed, 14 Jun 2017 08:34:14 +0000

End at: Wed, 14 Jun 2017 08:34:44 +0000

Local clock offset: -1.173 ms

Remote clock offset: -1.599 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:54:18 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.50 Mbit/s

95th percentile per-packet one-way delay: 51.230 ms

Loss rate: 0.66%

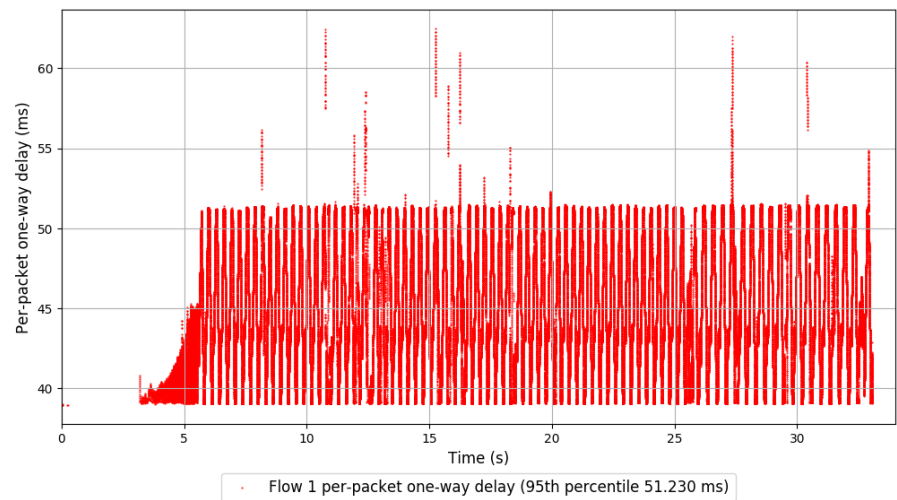
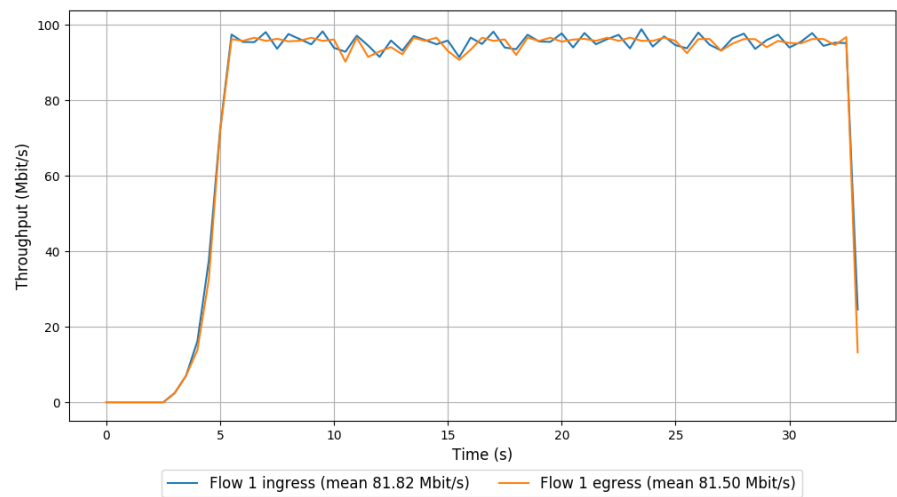
-- Flow 1:

Average throughput: 81.50 Mbit/s

95th percentile per-packet one-way delay: 51.230 ms

Loss rate: 0.66%

Run 3: Report of CalibratedKoho — Data Link



Run 4: Statistics of CalibratedKoho

Start at: Wed, 14 Jun 2017 08:54:01 +0000

End at: Wed, 14 Jun 2017 08:54:31 +0000

Local clock offset: -1.424 ms

Remote clock offset: -1.062 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:54:19 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.24 Mbit/s

95th percentile per-packet one-way delay: 50.373 ms

Loss rate: 0.45%

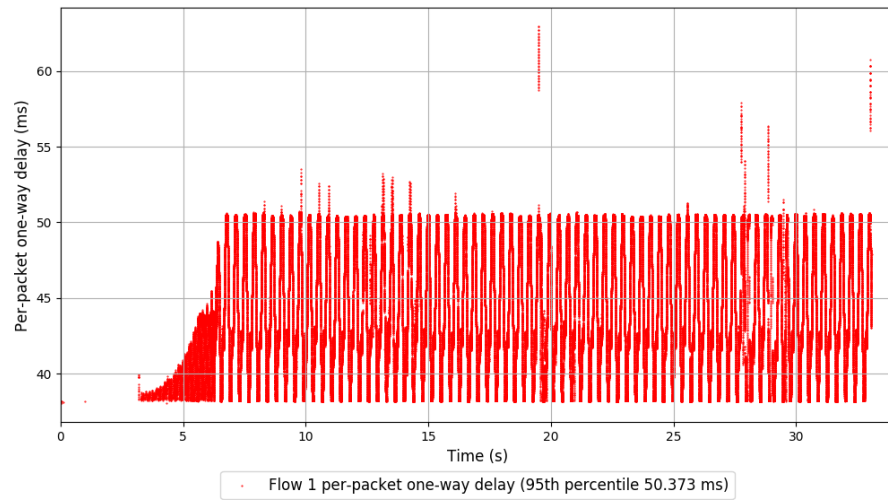
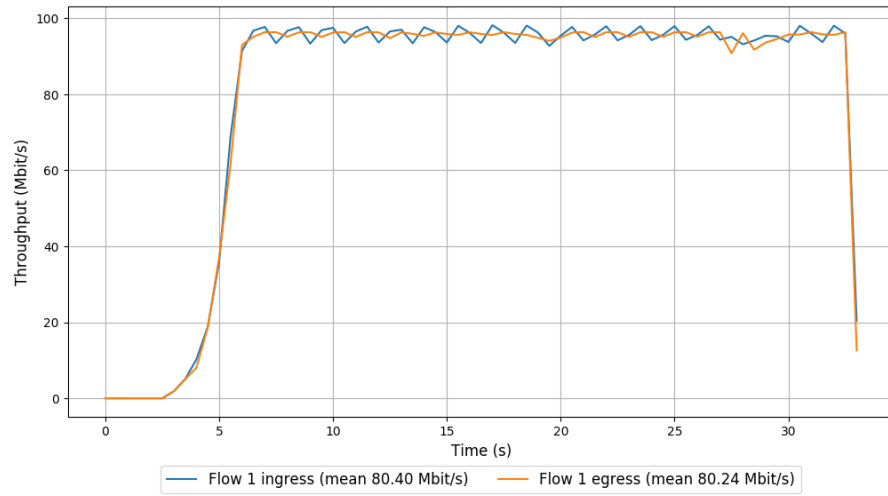
-- Flow 1:

Average throughput: 80.24 Mbit/s

95th percentile per-packet one-way delay: 50.373 ms

Loss rate: 0.45%

Run 4: Report of CalibratedKoho — Data Link



Run 5: Statistics of CalibratedKoho

Start at: Wed, 14 Jun 2017 09:13:40 +0000

End at: Wed, 14 Jun 2017 09:14:10 +0000

Local clock offset: -1.194 ms

Remote clock offset: -1.359 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:54:31 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.33 Mbit/s

95th percentile per-packet one-way delay: 50.729 ms

Loss rate: 0.81%

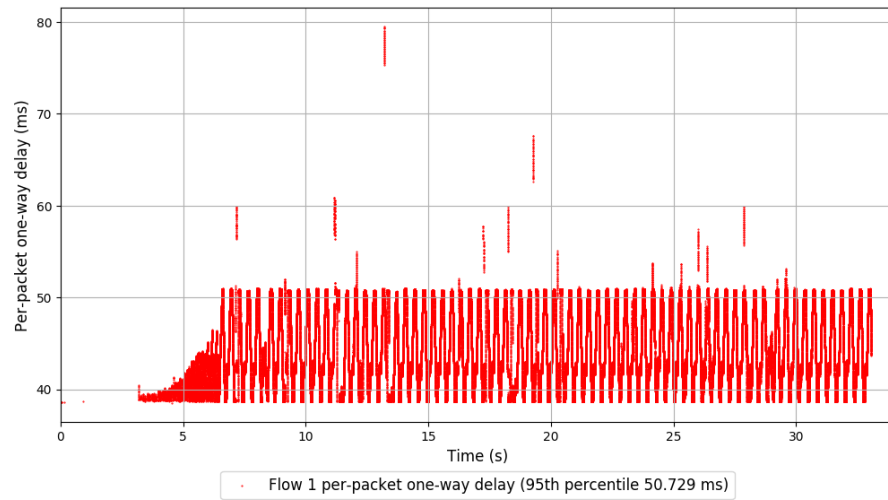
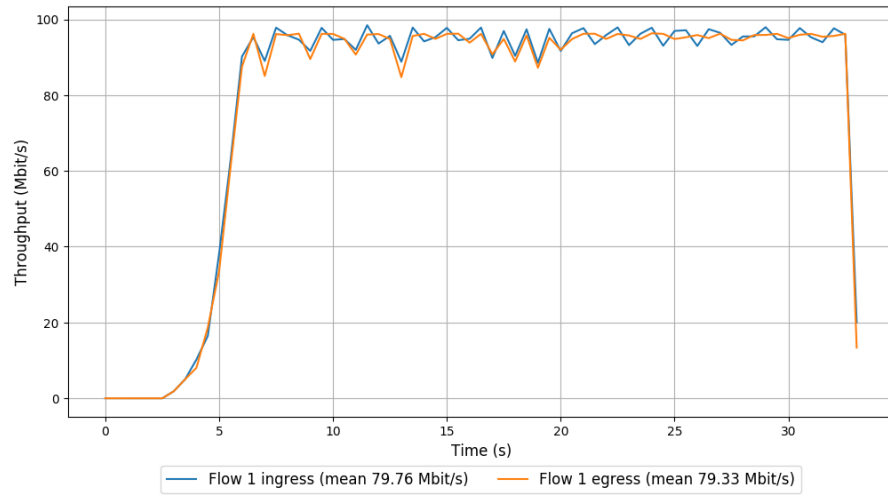
-- Flow 1:

Average throughput: 79.33 Mbit/s

95th percentile per-packet one-way delay: 50.729 ms

Loss rate: 0.81%

Run 5: Report of CalibratedKoho — Data Link



Run 6: Statistics of CalibratedKoho

Start at: Wed, 14 Jun 2017 09:33:11 +0000

End at: Wed, 14 Jun 2017 09:33:41 +0000

Local clock offset: -1.053 ms

Remote clock offset: 0.087 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:54:31 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.05 Mbit/s

95th percentile per-packet one-way delay: 50.208 ms

Loss rate: 0.51%

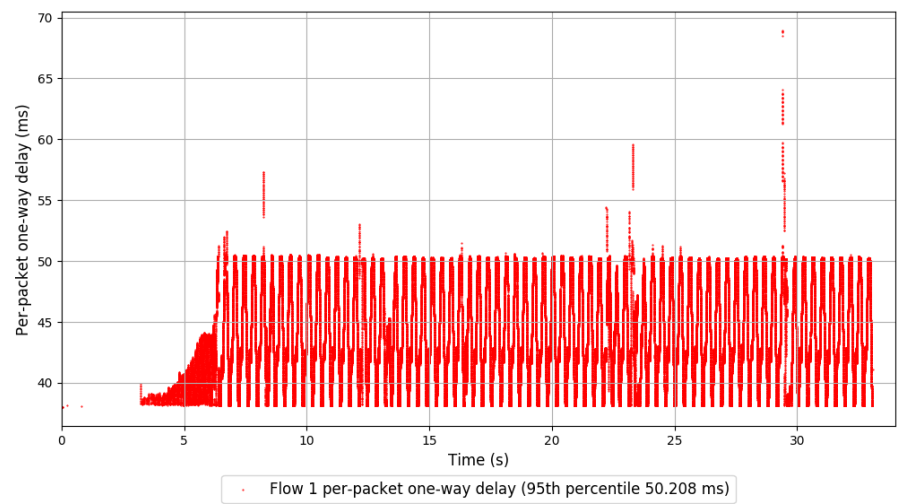
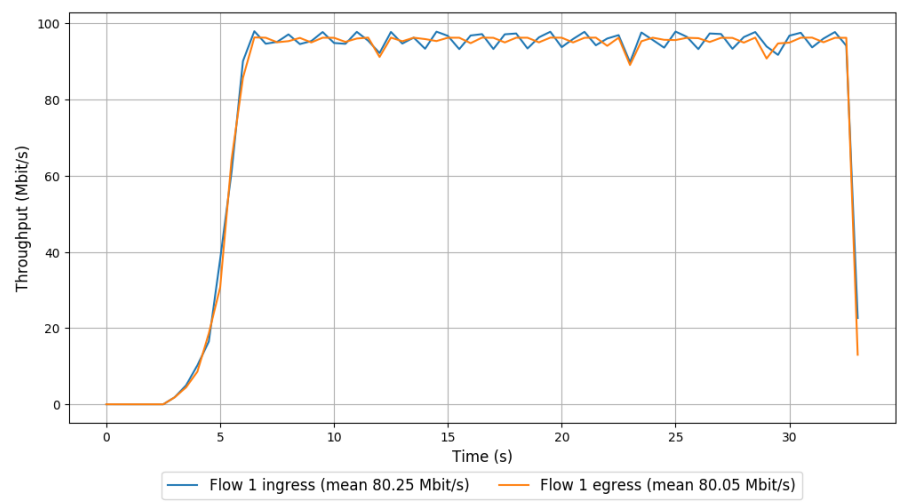
-- Flow 1:

Average throughput: 80.05 Mbit/s

95th percentile per-packet one-way delay: 50.208 ms

Loss rate: 0.51%

Run 6: Report of CalibratedKoho — Data Link



Run 7: Statistics of CalibratedKoho

Start at: Wed, 14 Jun 2017 09:52:54 +0000

End at: Wed, 14 Jun 2017 09:53:24 +0000

Local clock offset: -0.606 ms

Remote clock offset: -3.302 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:54:42 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.47 Mbit/s

95th percentile per-packet one-way delay: 48.119 ms

Loss rate: 0.71%

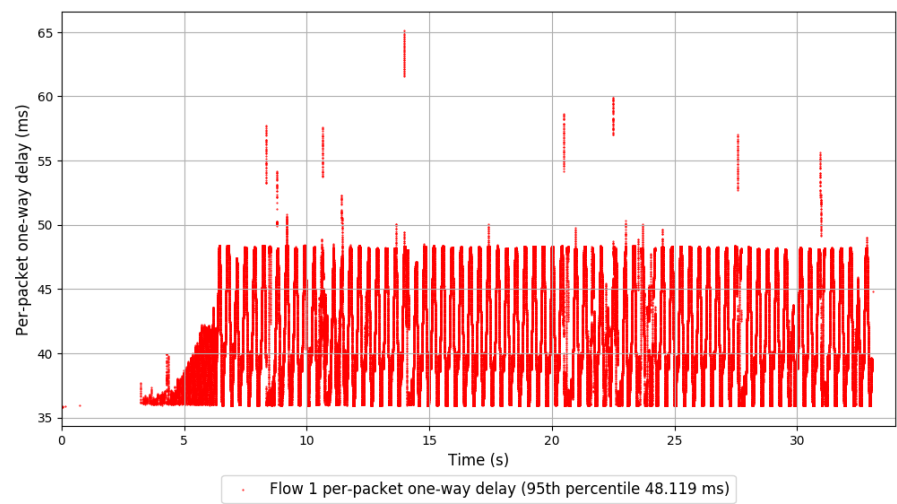
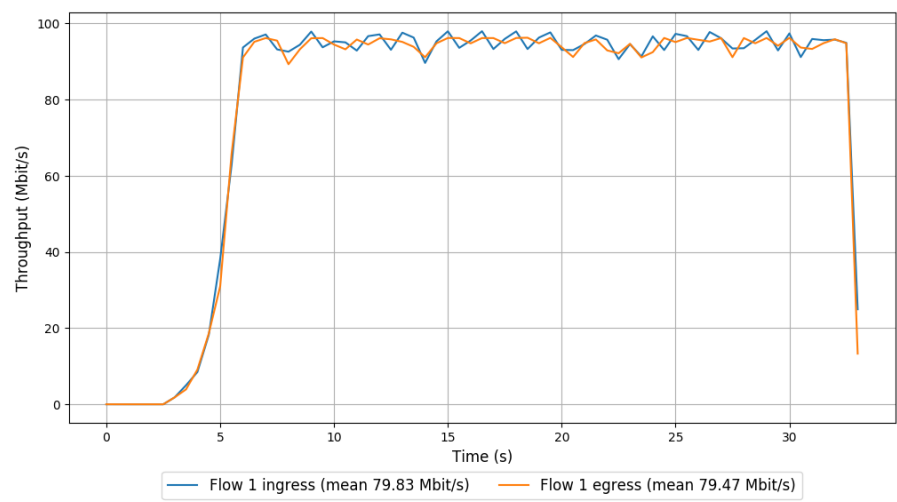
-- Flow 1:

Average throughput: 79.47 Mbit/s

95th percentile per-packet one-way delay: 48.119 ms

Loss rate: 0.71%

Run 7: Report of CalibratedKoho — Data Link



Run 8: Statistics of CalibratedKoho

Start at: Wed, 14 Jun 2017 10:12:40 +0000

End at: Wed, 14 Jun 2017 10:13:10 +0000

Local clock offset: -0.078 ms

Remote clock offset: -2.906 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:54:43 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.88 Mbit/s

95th percentile per-packet one-way delay: 48.819 ms

Loss rate: 0.40%

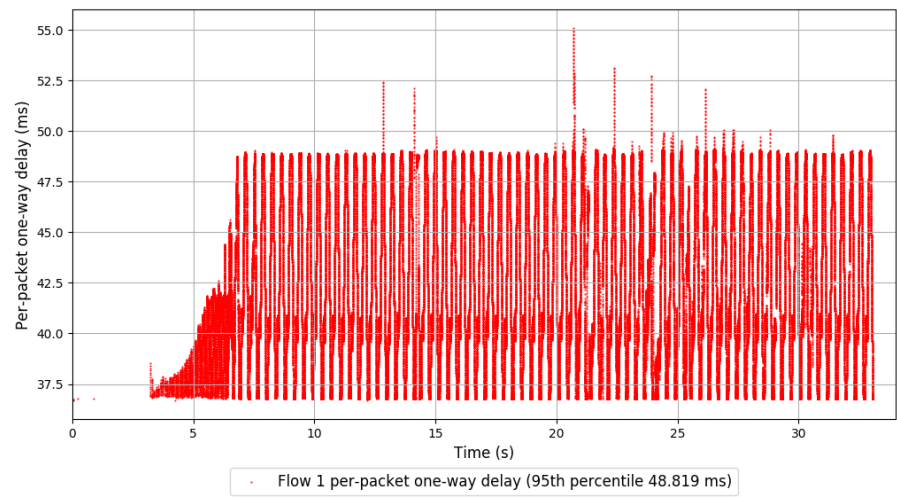
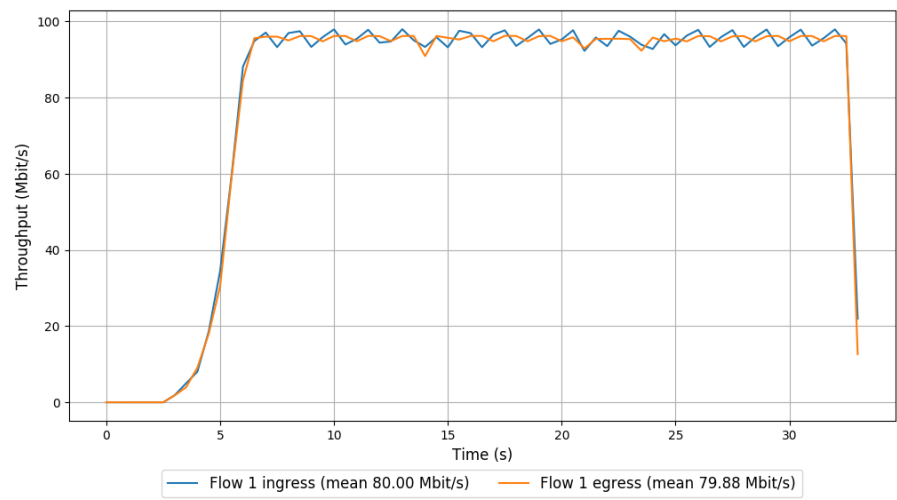
-- Flow 1:

Average throughput: 79.88 Mbit/s

95th percentile per-packet one-way delay: 48.819 ms

Loss rate: 0.40%

Run 8: Report of CalibratedKoho — Data Link



Run 9: Statistics of CalibratedKoho

Start at: Wed, 14 Jun 2017 10:32:22 +0000

End at: Wed, 14 Jun 2017 10:32:52 +0000

Local clock offset: 0.421 ms

Remote clock offset: -5.489 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:54:54 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.90 Mbit/s

95th percentile per-packet one-way delay: 47.604 ms

Loss rate: 0.73%

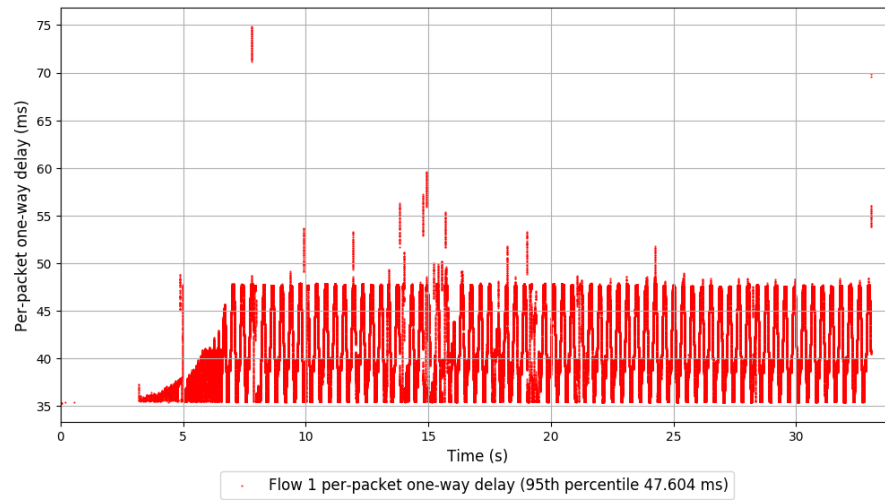
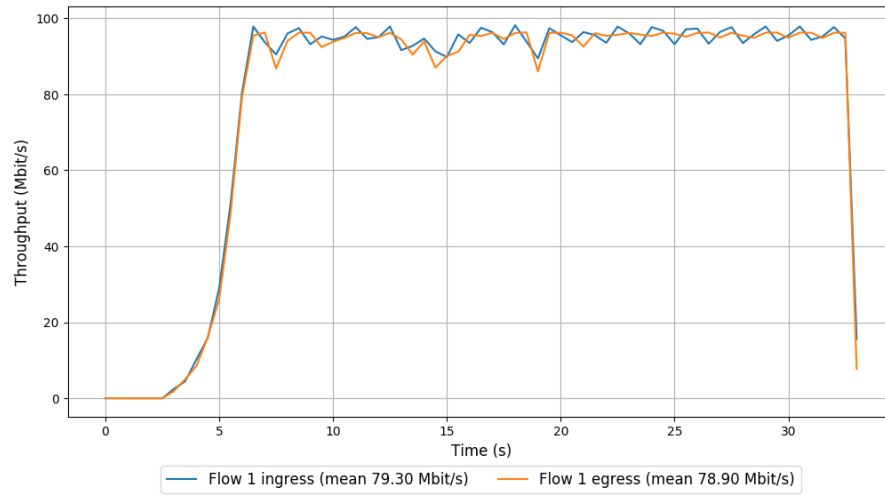
-- Flow 1:

Average throughput: 78.90 Mbit/s

95th percentile per-packet one-way delay: 47.604 ms

Loss rate: 0.73%

Run 9: Report of CalibratedKoho — Data Link



Run 10: Statistics of CalibratedKoho

Start at: Wed, 14 Jun 2017 10:52:05 +0000

End at: Wed, 14 Jun 2017 10:52:35 +0000

Local clock offset: 0.595 ms

Remote clock offset: -3.764 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:54:55 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 76.85 Mbit/s

95th percentile per-packet one-way delay: 46.531 ms

Loss rate: 1.77%

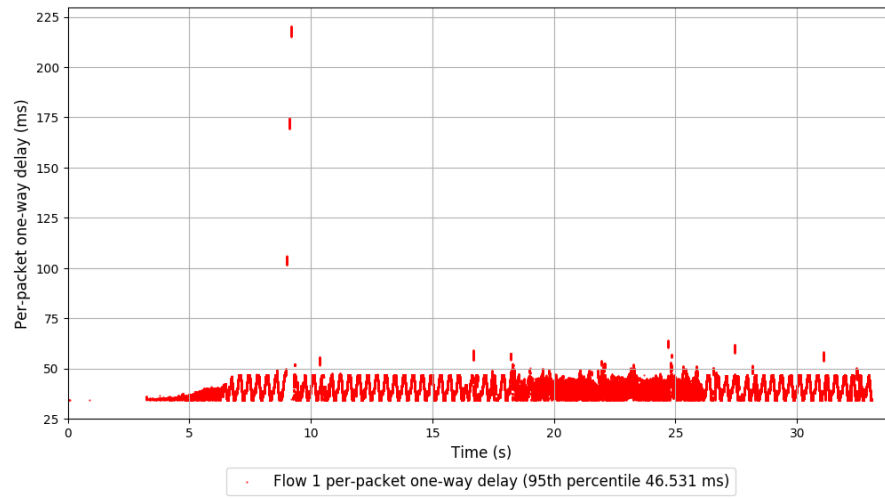
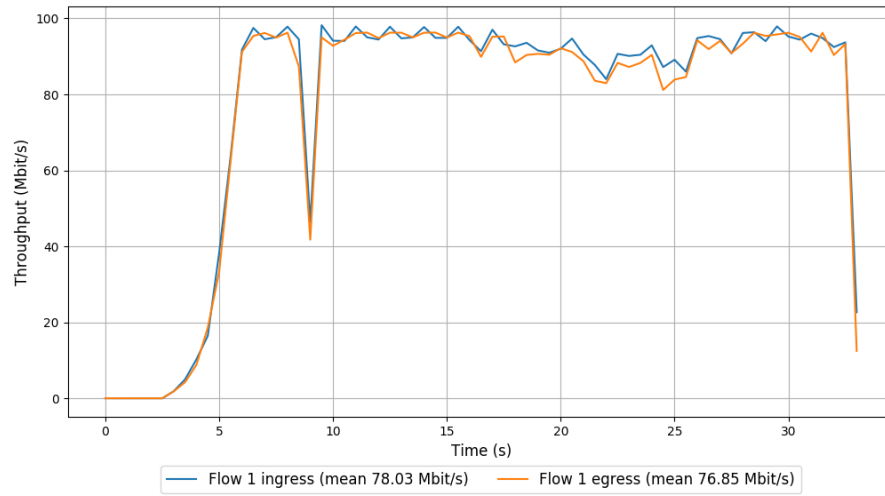
-- Flow 1:

Average throughput: 76.85 Mbit/s

95th percentile per-packet one-way delay: 46.531 ms

Loss rate: 1.77%

Run 10: Report of CalibratedKoho — Data Link



Run 1: Statistics of Copa

Start at: Wed, 14 Jun 2017 08:03:48 +0000

End at: Wed, 14 Jun 2017 08:04:18 +0000

Local clock offset: 0.345 ms

Remote clock offset: -8.59 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:55:13 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 69.96 Mbit/s

95th percentile per-packet one-way delay: 38.078 ms

Loss rate: 0.46%

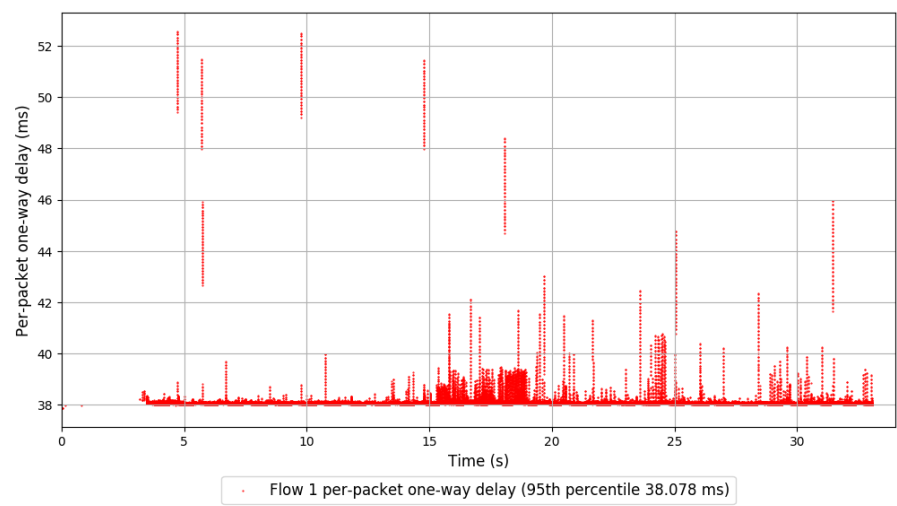
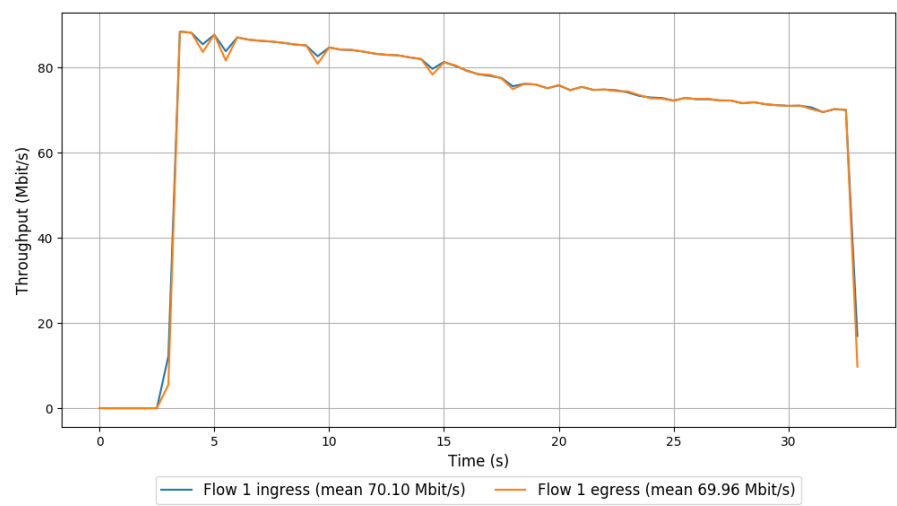
-- Flow 1:

Average throughput: 69.96 Mbit/s

95th percentile per-packet one-way delay: 38.078 ms

Loss rate: 0.46%

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: Wed, 14 Jun 2017 08:23:33 +0000

End at: Wed, 14 Jun 2017 08:24:03 +0000

Local clock offset: -0.644 ms

Remote clock offset: -11.4 ms

Run 2: Report of Copa — Data Link

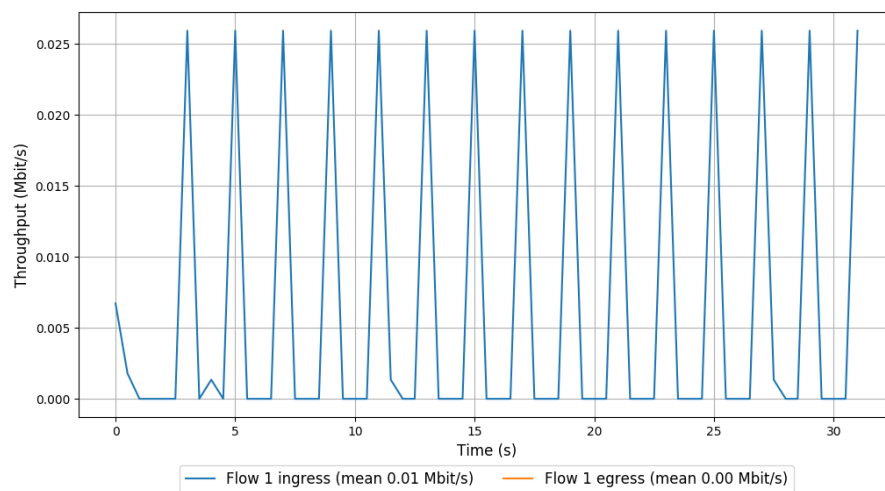


Figure is missing

Run 3: Statistics of Copa

Start at: Wed, 14 Jun 2017 08:43:34 +0000

End at: Wed, 14 Jun 2017 08:44:04 +0000

Local clock offset: -1.451 ms

Remote clock offset: -3.528 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:55:13 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 56.36 Mbit/s

95th percentile per-packet one-way delay: 38.373 ms

Loss rate: 0.68%

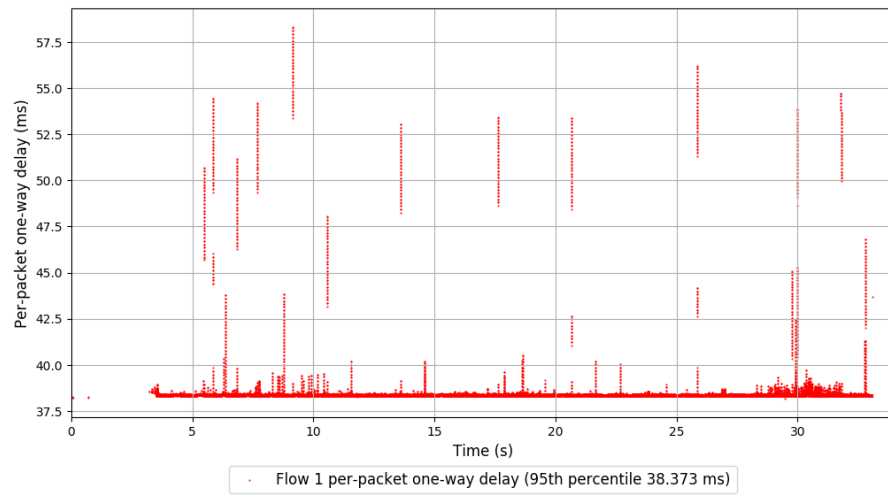
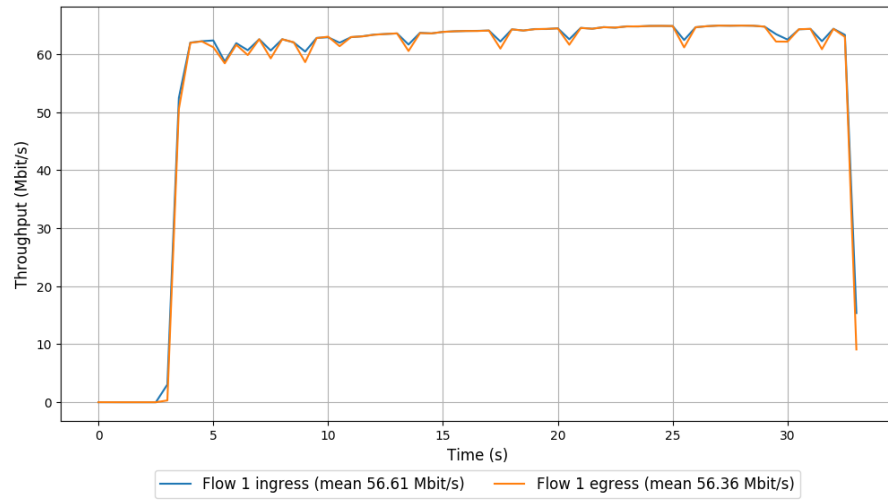
-- Flow 1:

Average throughput: 56.36 Mbit/s

95th percentile per-packet one-way delay: 38.373 ms

Loss rate: 0.68%

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: Wed, 14 Jun 2017 09:03:14 +0000

End at: Wed, 14 Jun 2017 09:03:44 +0000

Local clock offset: -1.276 ms

Remote clock offset: -1.208 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:55:22 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 53.58 Mbit/s

95th percentile per-packet one-way delay: 38.082 ms

Loss rate: 0.55%

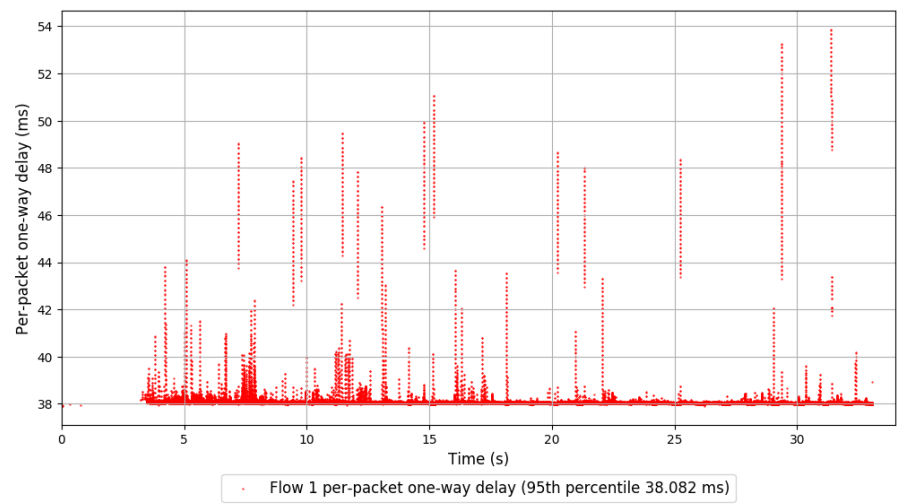
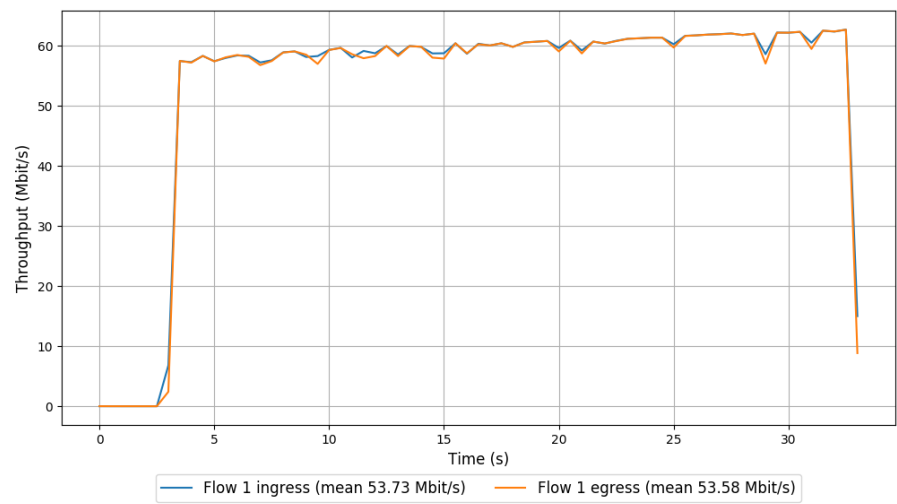
-- Flow 1:

Average throughput: 53.58 Mbit/s

95th percentile per-packet one-way delay: 38.082 ms

Loss rate: 0.55%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: Wed, 14 Jun 2017 09:22:50 +0000

End at: Wed, 14 Jun 2017 09:23:20 +0000

Local clock offset: -1.02 ms

Remote clock offset: 0.446 ms

Run 5: Report of Copa — Data Link

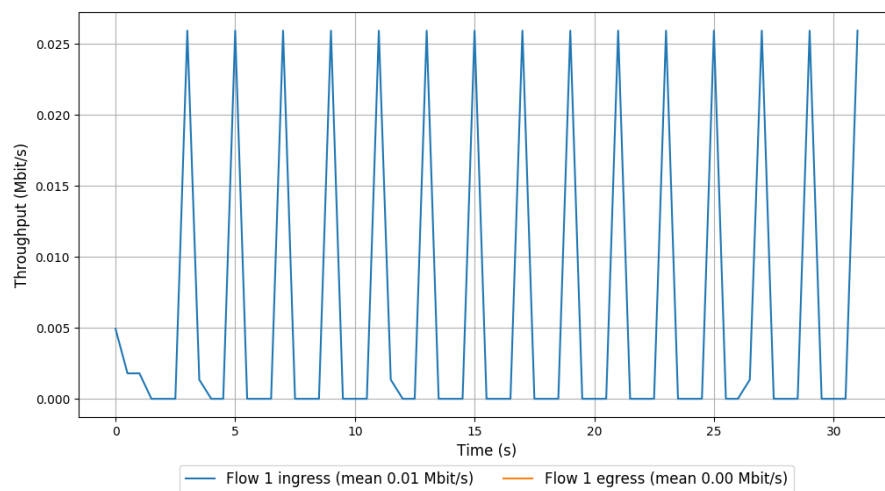


Figure is missing

Run 6: Statistics of Copa

Start at: Wed, 14 Jun 2017 09:42:24 +0000

End at: Wed, 14 Jun 2017 09:42:54 +0000

Local clock offset: -0.843 ms

Remote clock offset: -0.222 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:55:28 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 55.16 Mbit/s

95th percentile per-packet one-way delay: 36.736 ms

Loss rate: 0.39%

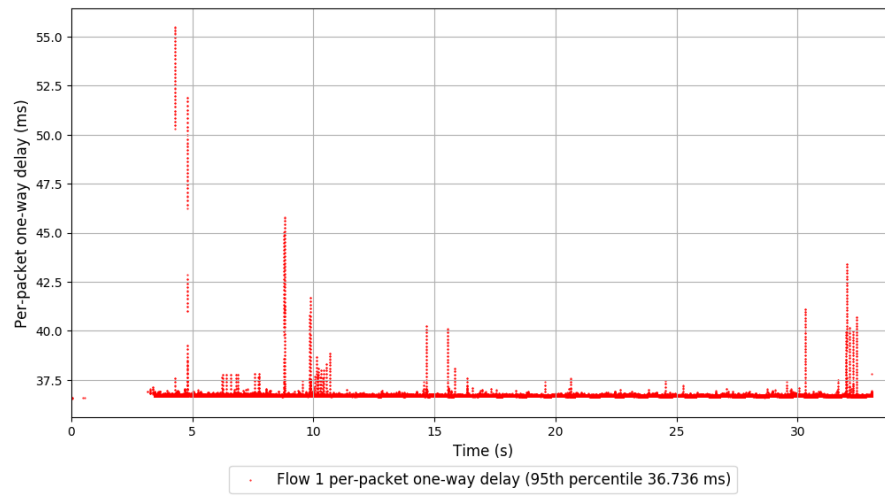
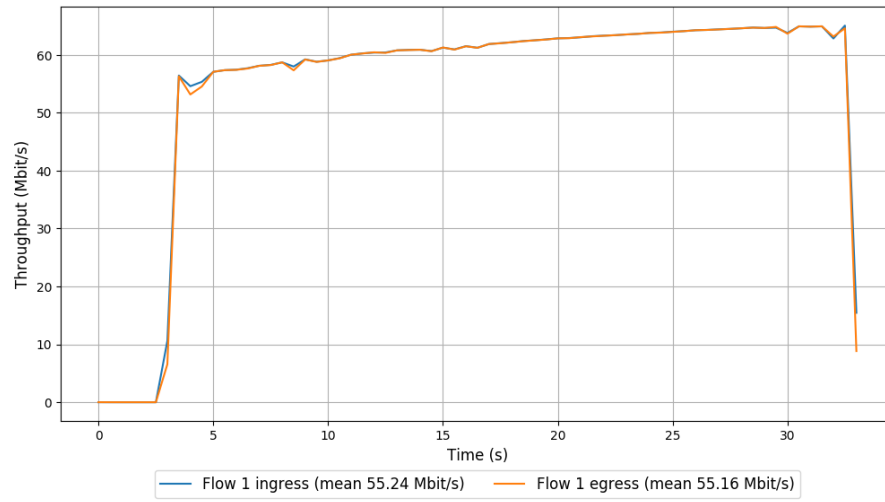
-- Flow 1:

Average throughput: 55.16 Mbit/s

95th percentile per-packet one-way delay: 36.736 ms

Loss rate: 0.39%

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

Start at: Wed, 14 Jun 2017 10:02:09 +0000

End at: Wed, 14 Jun 2017 10:02:39 +0000

Local clock offset: -0.292 ms

Remote clock offset: -5.212 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:55:39 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 61.06 Mbit/s

95th percentile per-packet one-way delay: 35.613 ms

Loss rate: 0.72%

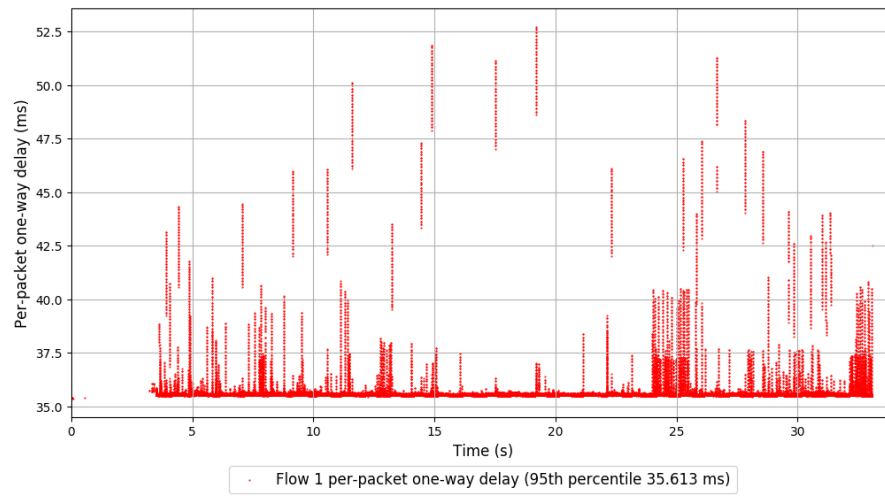
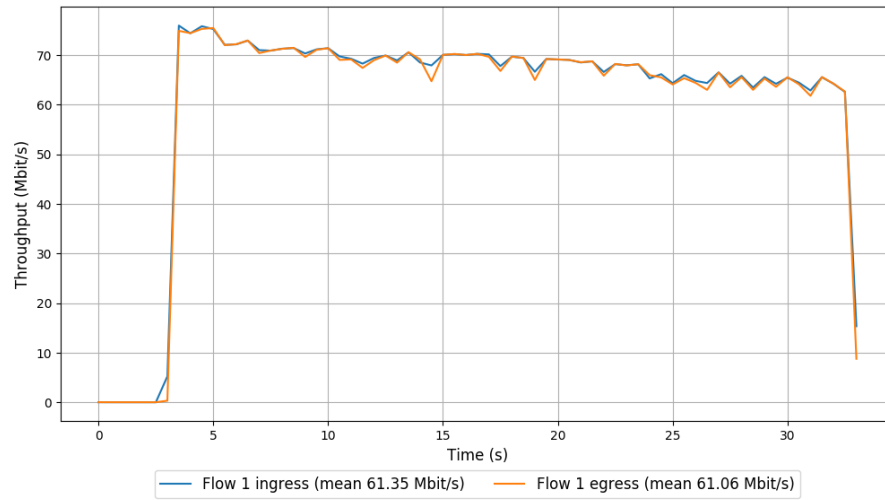
-- Flow 1:

Average throughput: 61.06 Mbit/s

95th percentile per-packet one-way delay: 35.613 ms

Loss rate: 0.72%

Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

Start at: Wed, 14 Jun 2017 10:21:53 +0000

End at: Wed, 14 Jun 2017 10:22:23 +0000

Local clock offset: 0.085 ms

Remote clock offset: -3.364 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:55:46 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 64.40 Mbit/s

95th percentile per-packet one-way delay: 34.912 ms

Loss rate: 0.86%

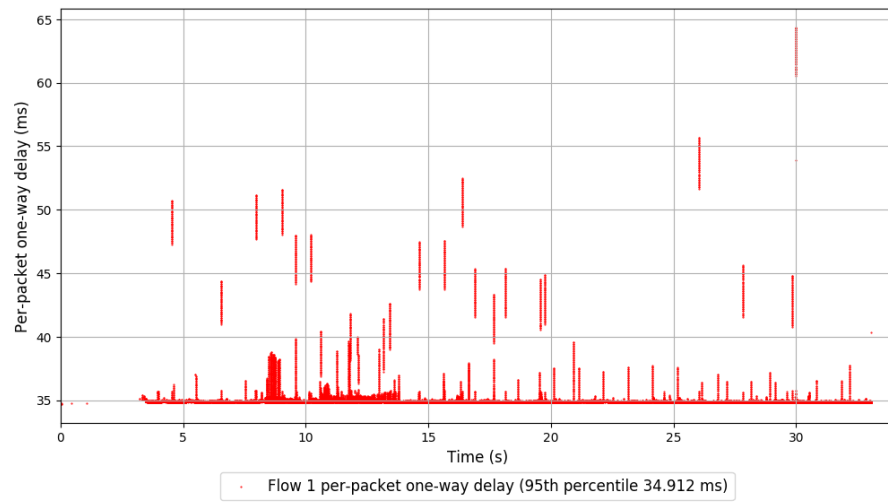
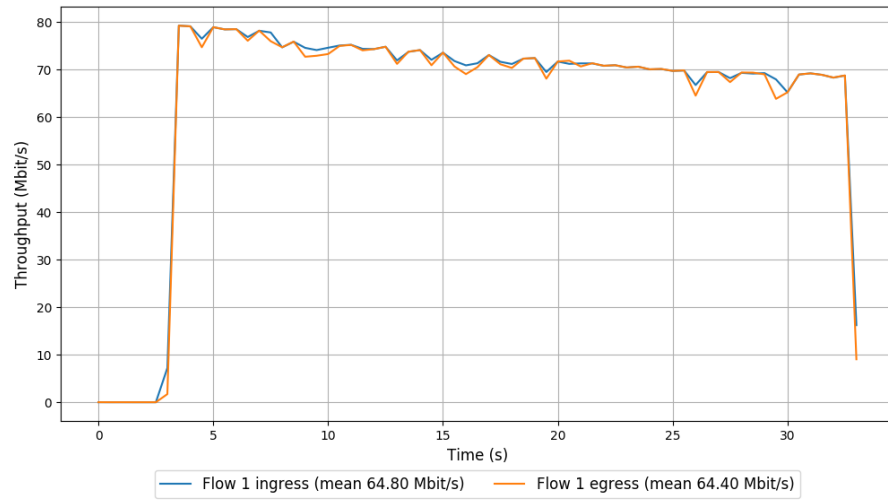
-- Flow 1:

Average throughput: 64.40 Mbit/s

95th percentile per-packet one-way delay: 34.912 ms

Loss rate: 0.86%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: Wed, 14 Jun 2017 10:41:34 +0000

End at: Wed, 14 Jun 2017 10:42:05 +0000

Local clock offset: 0.689 ms

Remote clock offset: -5.92 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:55:54 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 53.53 Mbit/s

95th percentile per-packet one-way delay: 35.241 ms

Loss rate: 0.42%

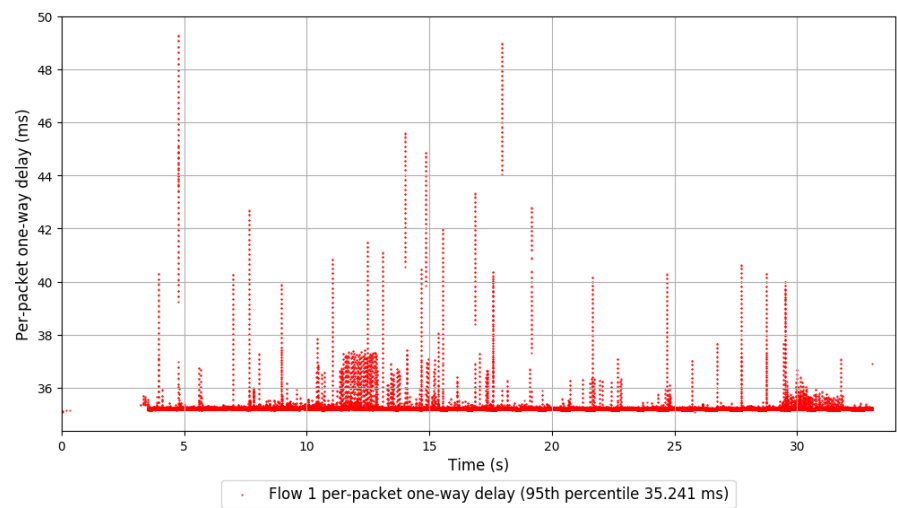
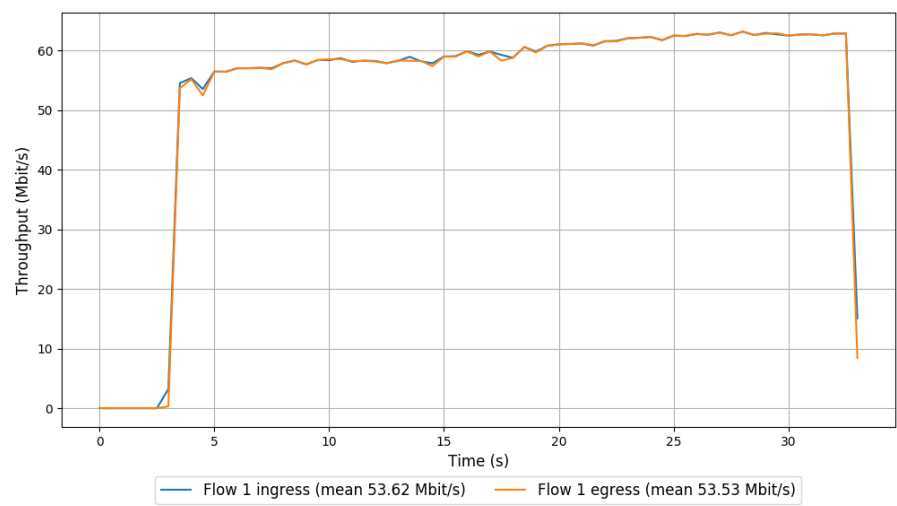
-- Flow 1:

Average throughput: 53.53 Mbit/s

95th percentile per-packet one-way delay: 35.241 ms

Loss rate: 0.42%

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: Wed, 14 Jun 2017 11:01:19 +0000

End at: Wed, 14 Jun 2017 11:01:49 +0000

Local clock offset: 0.217 ms

Remote clock offset: -2.921 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:56:06 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 69.45 Mbit/s

95th percentile per-packet one-way delay: 35.674 ms

Loss rate: 0.54%

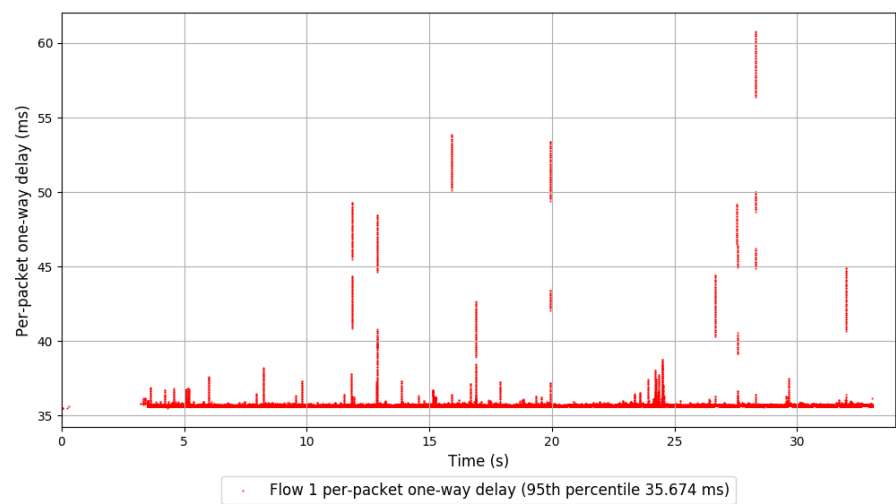
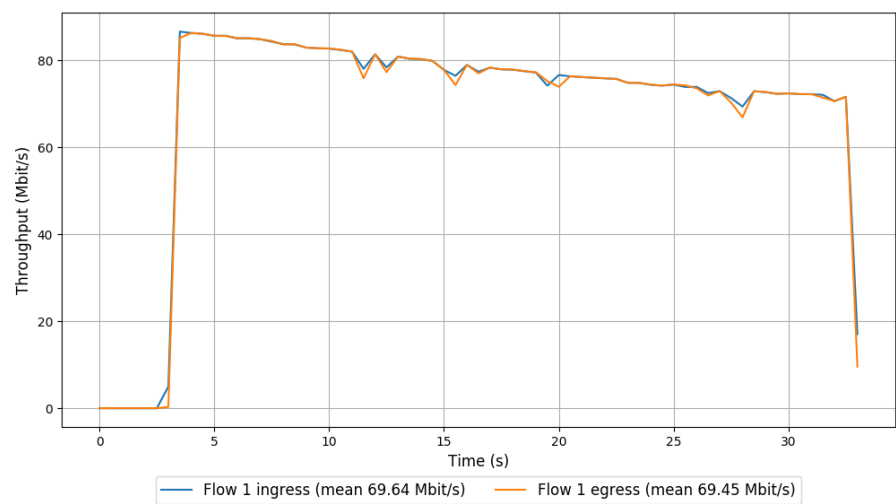
-- Flow 1:

Average throughput: 69.45 Mbit/s

95th percentile per-packet one-way delay: 35.674 ms

Loss rate: 0.54%

Run 10: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

Start at: Wed, 14 Jun 2017 07:46:44 +0000

End at: Wed, 14 Jun 2017 07:47:14 +0000

Local clock offset: 0.009 ms

Remote clock offset: -9.05 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:56:06 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 52.76 Mbit/s

95th percentile per-packet one-way delay: 47.377 ms

Loss rate: 0.31%

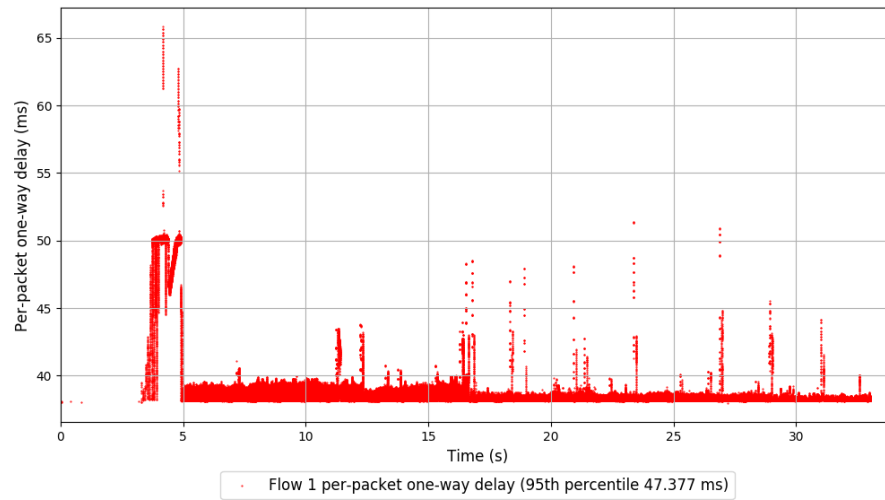
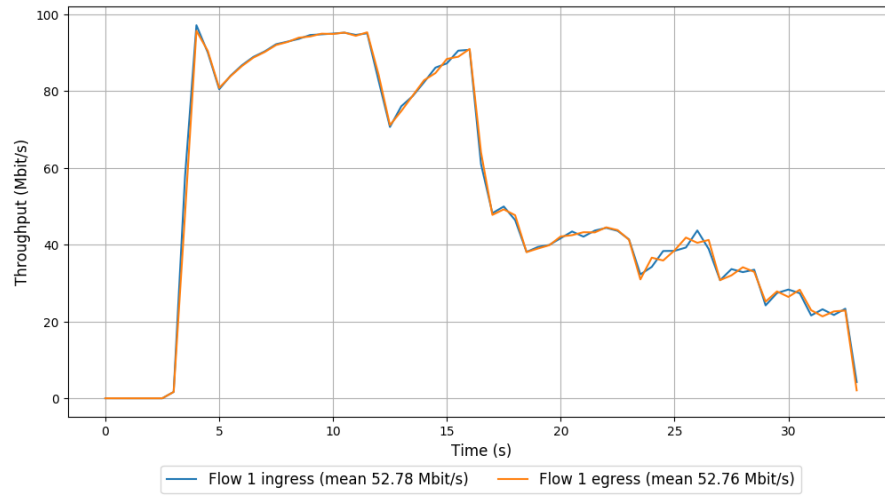
-- Flow 1:

Average throughput: 52.76 Mbit/s

95th percentile per-packet one-way delay: 47.377 ms

Loss rate: 0.31%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: Wed, 14 Jun 2017 08:06:29 +0000

End at: Wed, 14 Jun 2017 08:06:59 +0000

Local clock offset: 0.275 ms

Remote clock offset: -9.408 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:56:11 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 47.11 Mbit/s

95th percentile per-packet one-way delay: 48.624 ms

Loss rate: 0.45%

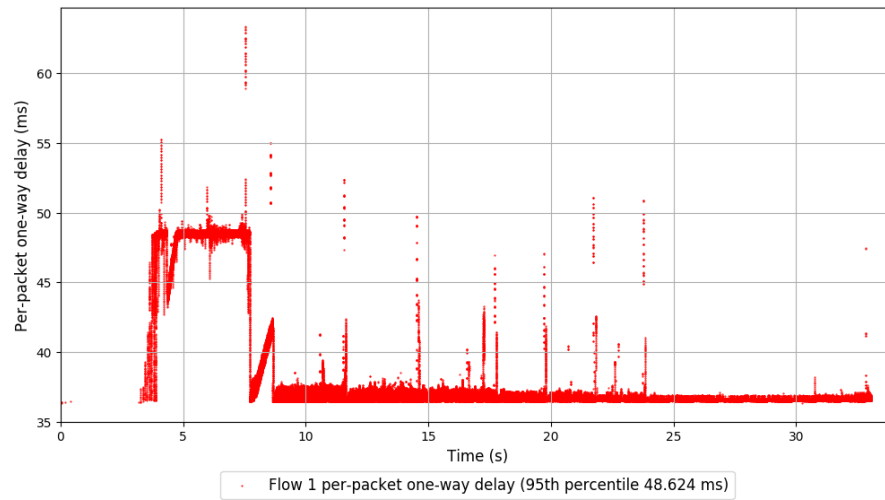
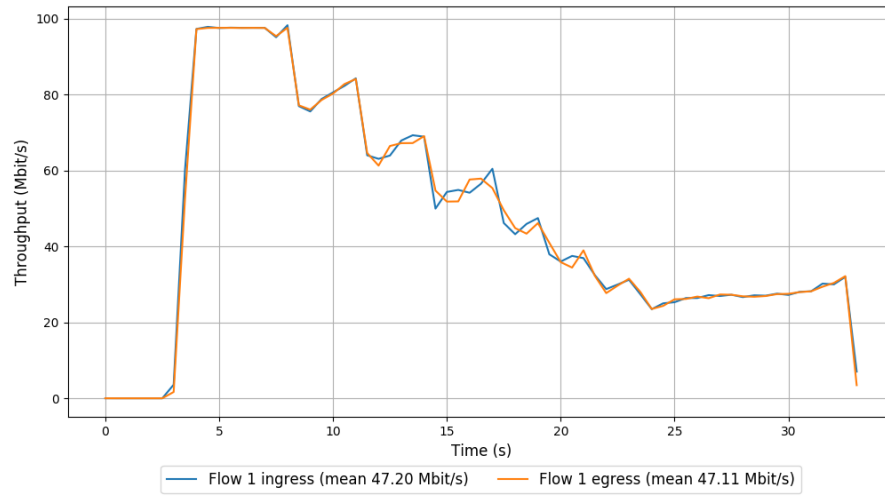
-- Flow 1:

Average throughput: 47.11 Mbit/s

95th percentile per-packet one-way delay: 48.624 ms

Loss rate: 0.45%

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: Wed, 14 Jun 2017 08:26:04 +0000

End at: Wed, 14 Jun 2017 08:26:34 +0000

Local clock offset: -0.723 ms

Remote clock offset: -9.297 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:56:15 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 64.42 Mbit/s

95th percentile per-packet one-way delay: 49.571 ms

Loss rate: 0.39%

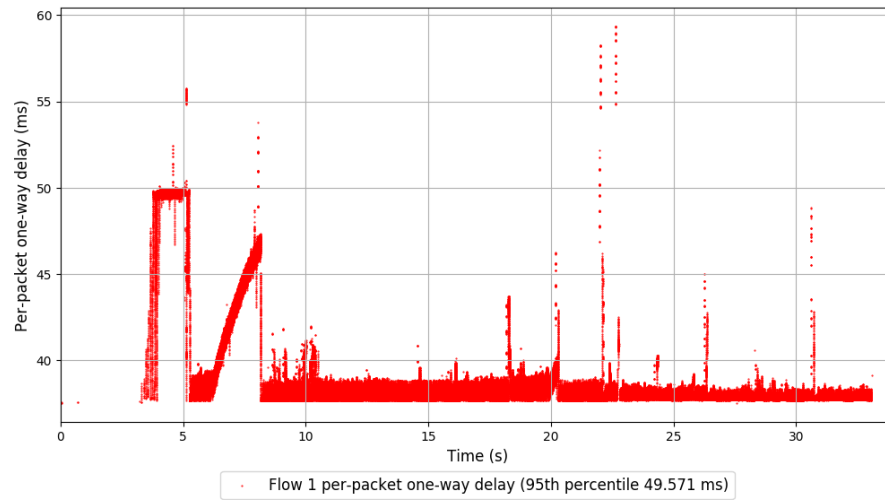
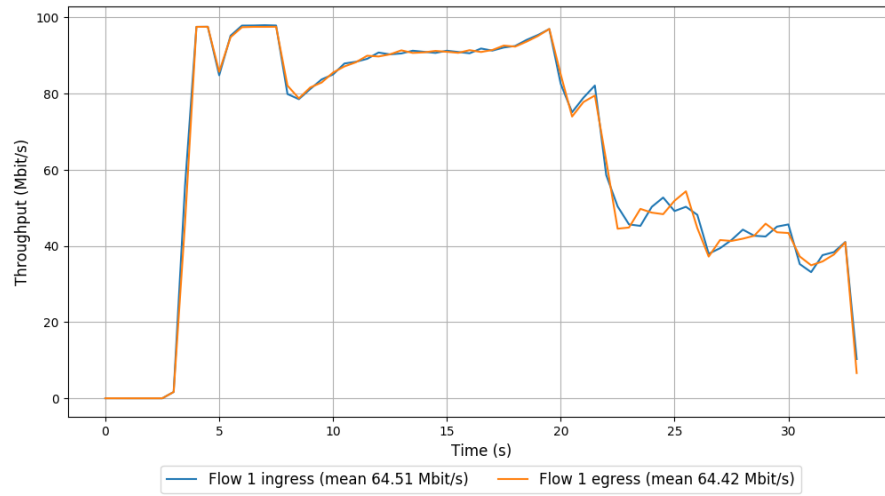
-- Flow 1:

Average throughput: 64.42 Mbit/s

95th percentile per-packet one-way delay: 49.571 ms

Loss rate: 0.39%

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: Wed, 14 Jun 2017 08:46:12 +0000

End at: Wed, 14 Jun 2017 08:46:42 +0000

Local clock offset: -1.523 ms

Remote clock offset: -4.006 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:56:23 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 72.15 Mbit/s

95th percentile per-packet one-way delay: 50.696 ms

Loss rate: 0.29%

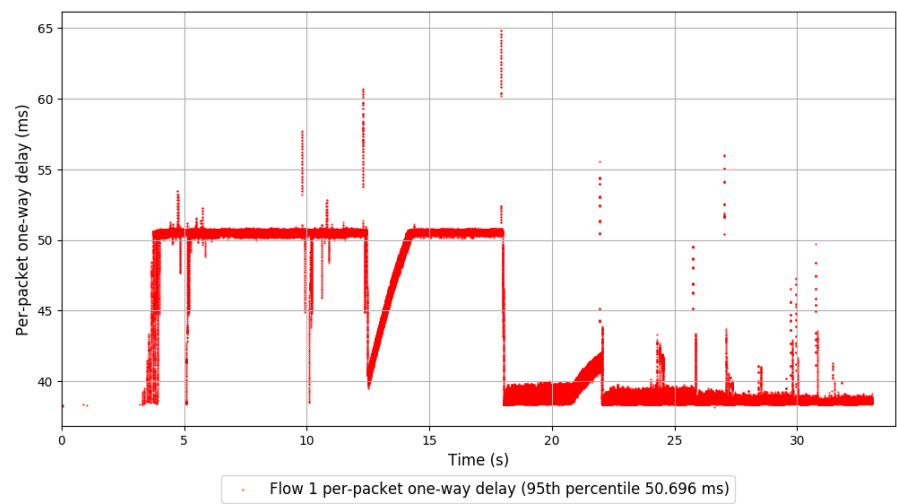
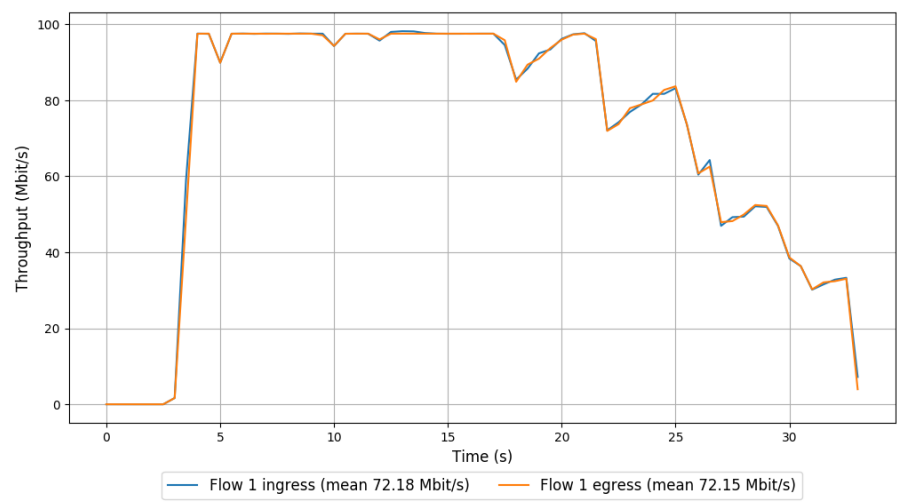
-- Flow 1:

Average throughput: 72.15 Mbit/s

95th percentile per-packet one-way delay: 50.696 ms

Loss rate: 0.29%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: Wed, 14 Jun 2017 09:05:52 +0000

End at: Wed, 14 Jun 2017 09:06:22 +0000

Local clock offset: -1.316 ms

Remote clock offset: -1.302 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:56:24 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 47.47 Mbit/s

95th percentile per-packet one-way delay: 50.196 ms

Loss rate: 0.59%

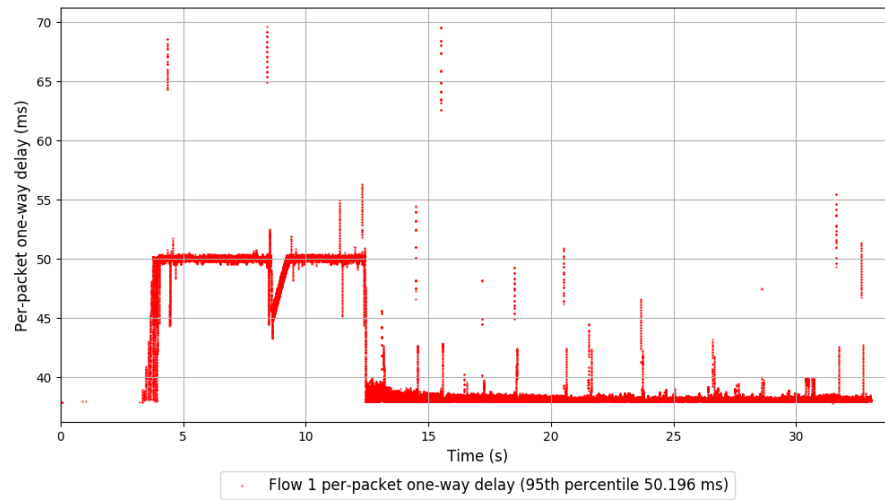
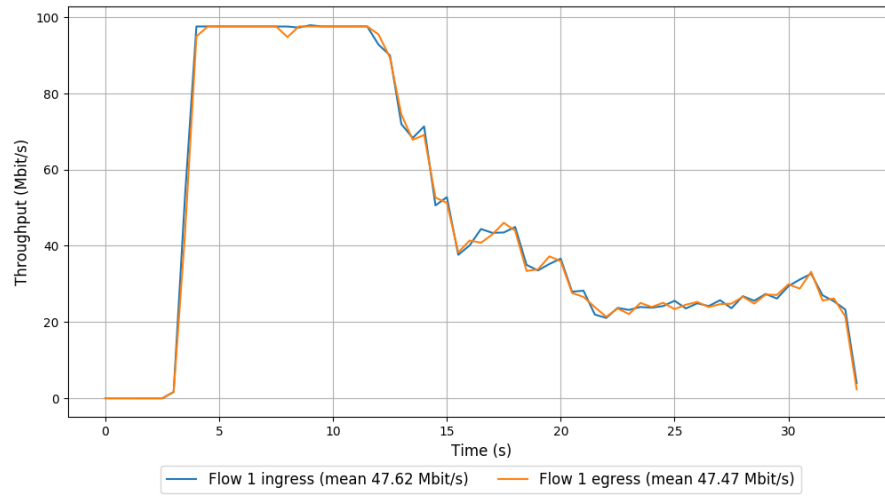
-- Flow 1:

Average throughput: 47.47 Mbit/s

95th percentile per-packet one-way delay: 50.196 ms

Loss rate: 0.59%

Run 5: Report of TCP Cubic — Data Link



Run 6: Statistics of TCP Cubic

Start at: Wed, 14 Jun 2017 09:25:21 +0000

End at: Wed, 14 Jun 2017 09:25:51 +0000

Local clock offset: -1.094 ms

Remote clock offset: 0.012 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:56:33 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 64.31 Mbit/s

95th percentile per-packet one-way delay: 50.638 ms

Loss rate: 0.33%

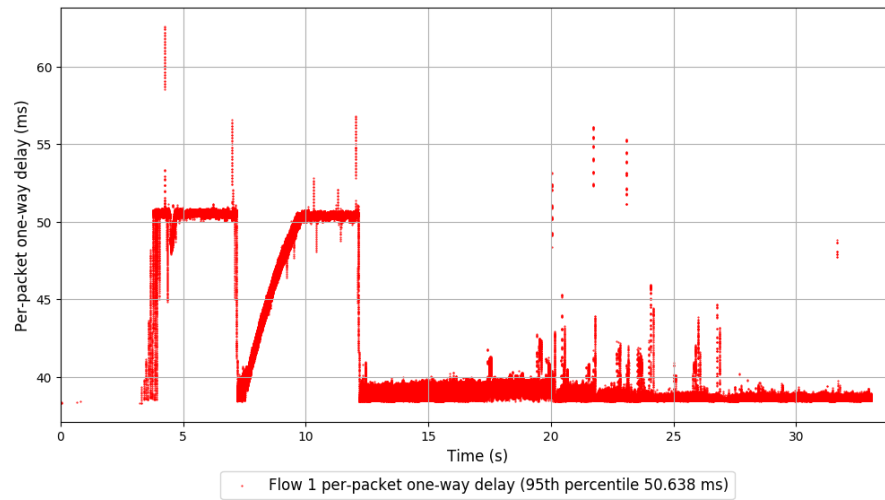
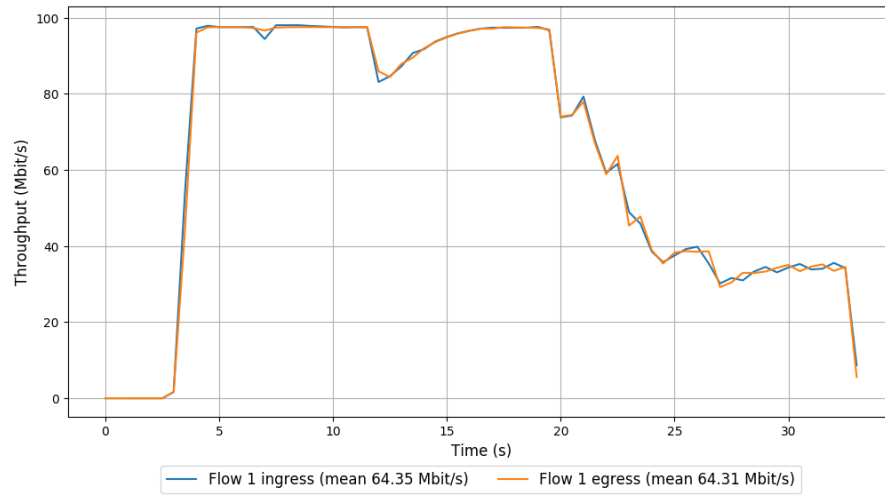
-- Flow 1:

Average throughput: 64.31 Mbit/s

95th percentile per-packet one-way delay: 50.638 ms

Loss rate: 0.33%

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: Wed, 14 Jun 2017 09:45:02 +0000

End at: Wed, 14 Jun 2017 09:45:32 +0000

Local clock offset: -0.693 ms

Remote clock offset: -2.65 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:56:34 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 63.35 Mbit/s

95th percentile per-packet one-way delay: 50.258 ms

Loss rate: 0.21%

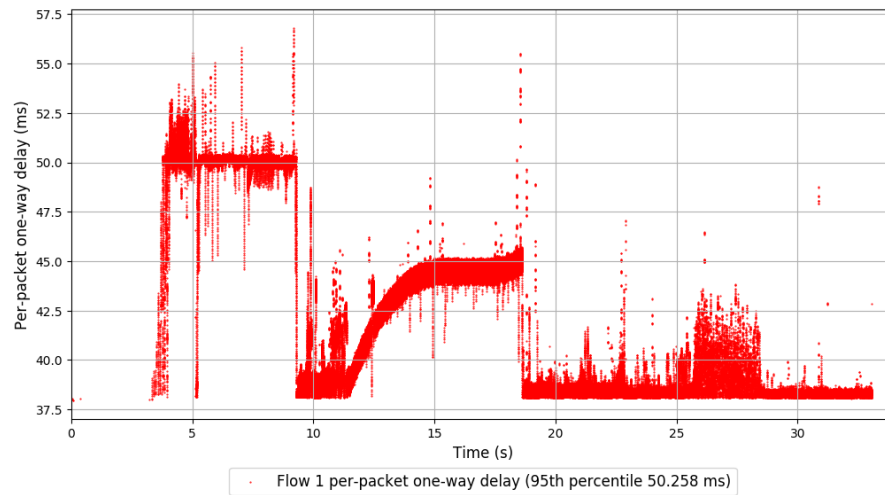
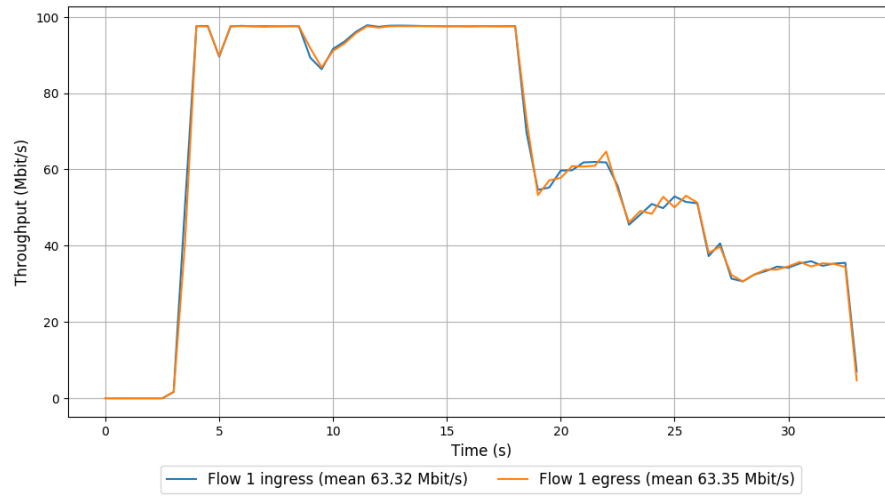
-- Flow 1:

Average throughput: 63.35 Mbit/s

95th percentile per-packet one-way delay: 50.258 ms

Loss rate: 0.21%

Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: Wed, 14 Jun 2017 10:04:50 +0000

End at: Wed, 14 Jun 2017 10:05:20 +0000

Local clock offset: -0.318 ms

Remote clock offset: -2.65 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:56:42 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 53.97 Mbit/s

95th percentile per-packet one-way delay: 47.700 ms

Loss rate: 0.27%

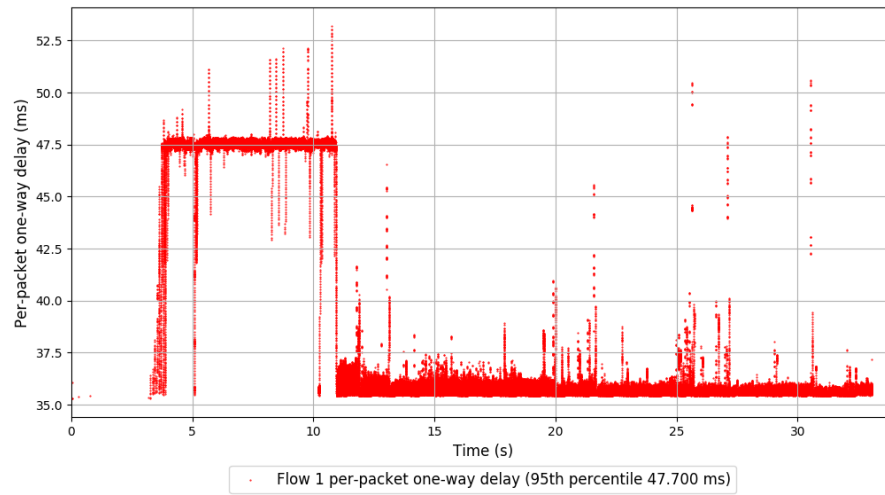
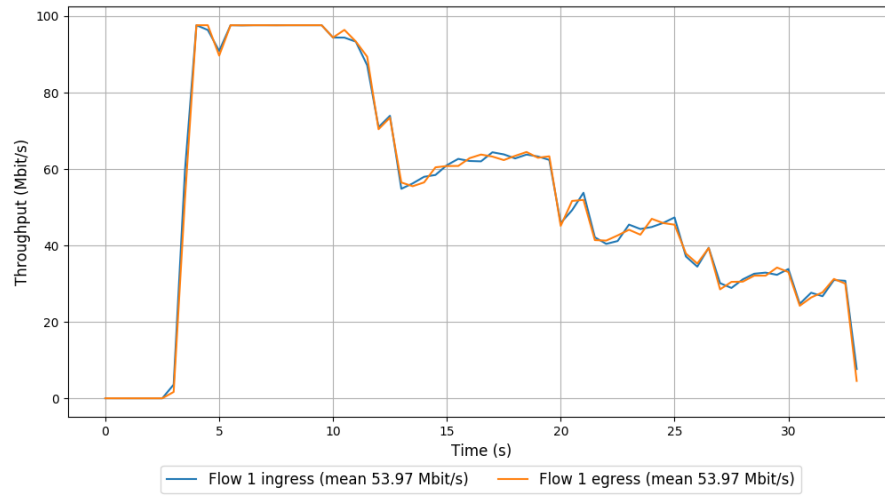
-- Flow 1:

Average throughput: 53.97 Mbit/s

95th percentile per-packet one-way delay: 47.700 ms

Loss rate: 0.27%

Run 8: Report of TCP Cubic — Data Link



Run 9: Statistics of TCP Cubic

Start at: Wed, 14 Jun 2017 10:24:33 +0000

End at: Wed, 14 Jun 2017 10:25:03 +0000

Local clock offset: 0.143 ms

Remote clock offset: -5.753 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:56:42 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 46.72 Mbit/s

95th percentile per-packet one-way delay: 46.872 ms

Loss rate: 0.42%

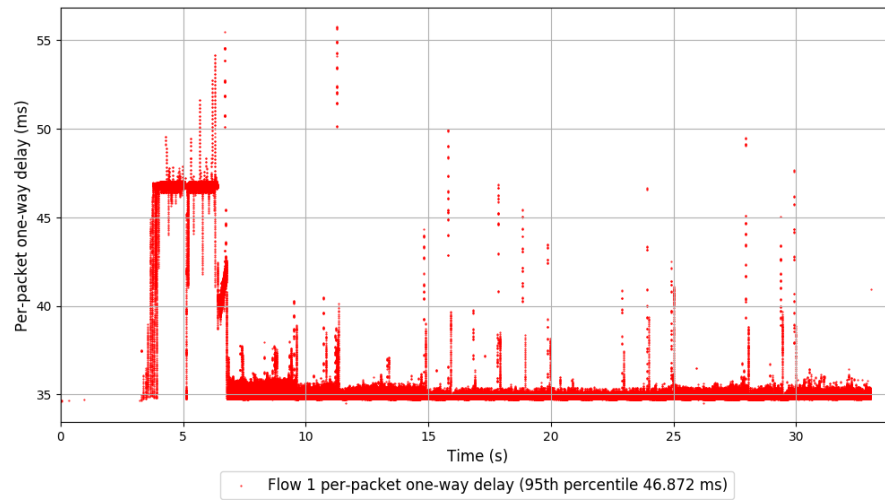
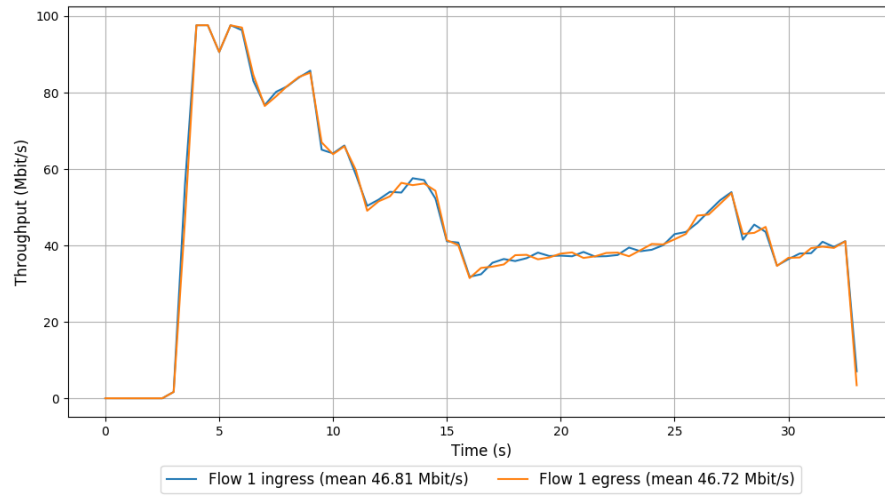
-- Flow 1:

Average throughput: 46.72 Mbit/s

95th percentile per-packet one-way delay: 46.872 ms

Loss rate: 0.42%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: Wed, 14 Jun 2017 10:44:14 +0000

End at: Wed, 14 Jun 2017 10:44:44 +0000

Local clock offset: 0.851 ms

Remote clock offset: -3.319 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:56:54 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 59.91 Mbit/s

95th percentile per-packet one-way delay: 47.295 ms

Loss rate: 0.36%

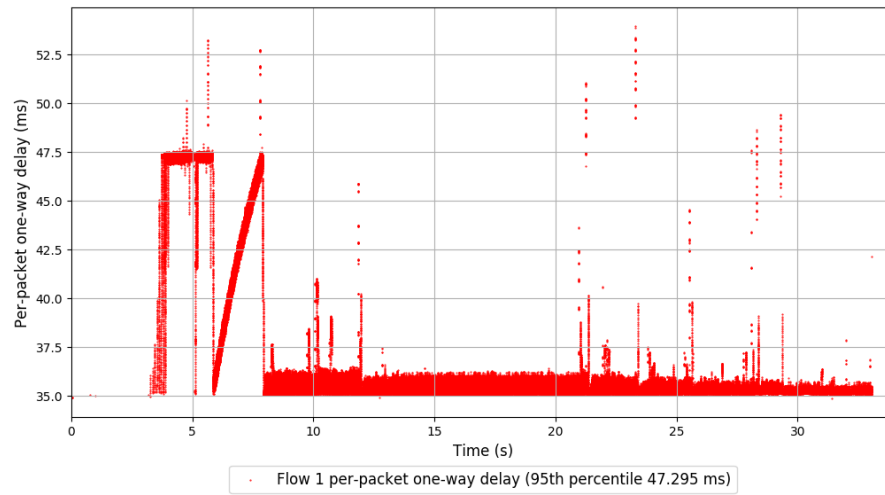
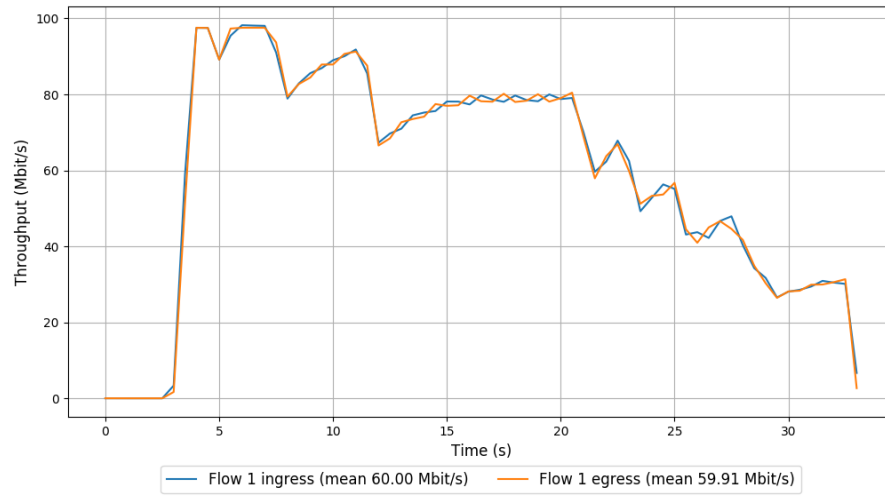
-- Flow 1:

Average throughput: 59.91 Mbit/s

95th percentile per-packet one-way delay: 47.295 ms

Loss rate: 0.36%

Run 10: Report of TCP Cubic — Data Link



Run 1: Statistics of KohoCC

Start at: Wed, 14 Jun 2017 07:51:57 +0000

End at: Wed, 14 Jun 2017 07:52:28 +0000

Local clock offset: 0.156 ms

Remote clock offset: -9.099 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:56:54 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.15 Mbit/s

95th percentile per-packet one-way delay: 37.957 ms

Loss rate: 0.30%

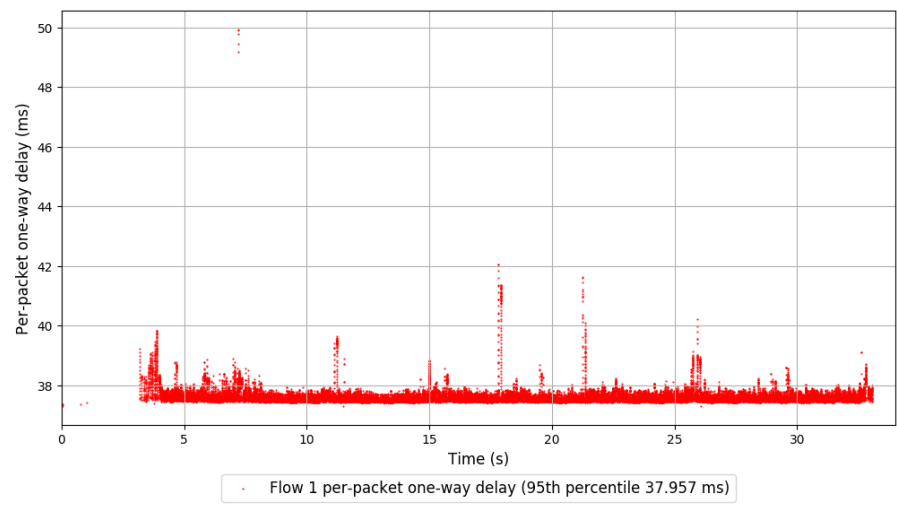
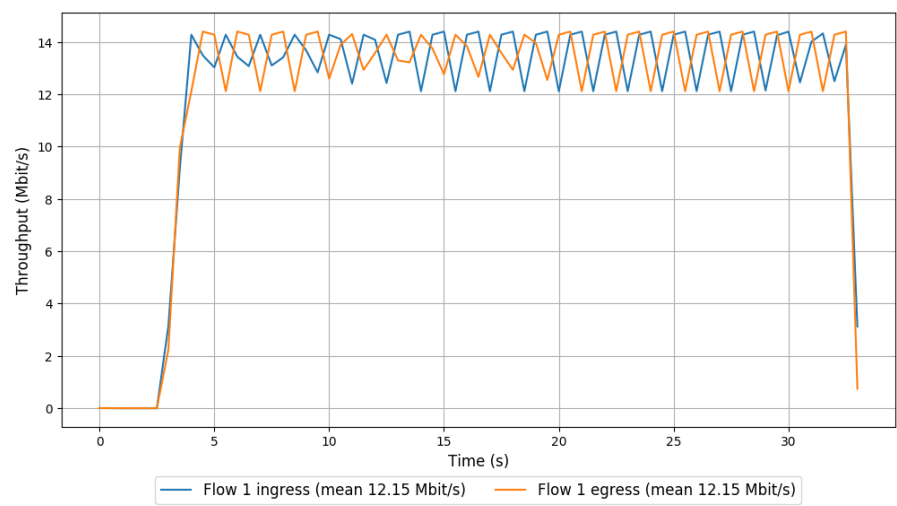
-- Flow 1:

Average throughput: 12.15 Mbit/s

95th percentile per-packet one-way delay: 37.957 ms

Loss rate: 0.30%

Run 1: Report of KohoCC — Data Link



Run 2: Statistics of KohoCC

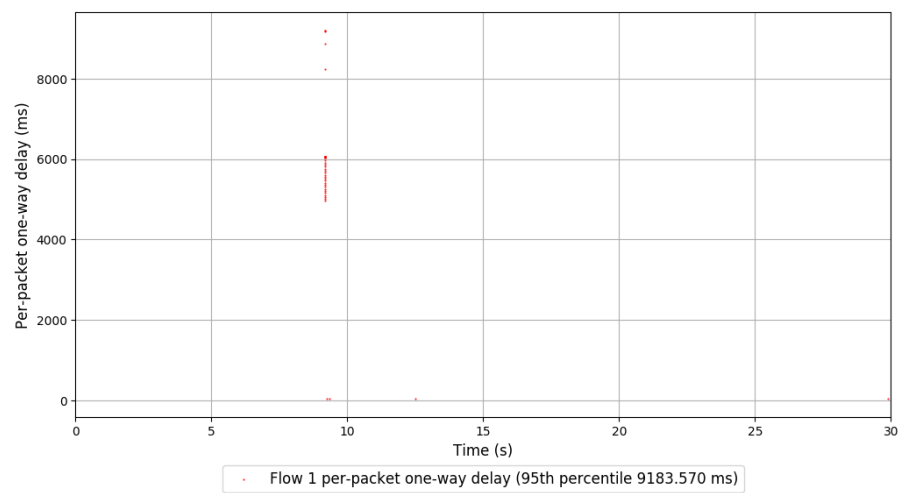
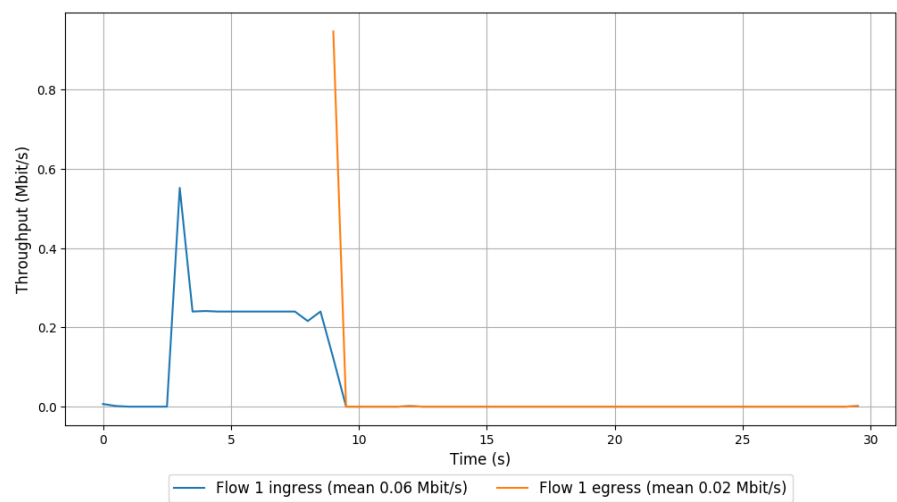
Start at: Wed, 14 Jun 2017 08:11:43 +0000

End at: Wed, 14 Jun 2017 08:12:13 +0000

Local clock offset: 0.057 ms

Remote clock offset: -8.982 ms

Run 2: Report of KohoCC — Data Link



Run 3: Statistics of KohoCC

Start at: Wed, 14 Jun 2017 08:31:28 +0000

End at: Wed, 14 Jun 2017 08:31:58 +0000

Local clock offset: -1.04 ms

Remote clock offset: -3.533 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:56:54 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.05 Mbit/s

95th percentile per-packet one-way delay: 40.063 ms

Loss rate: 0.30%

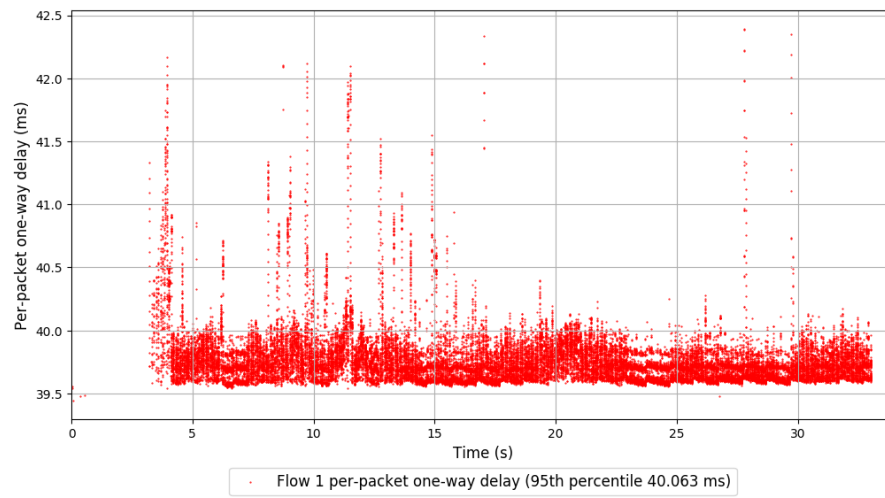
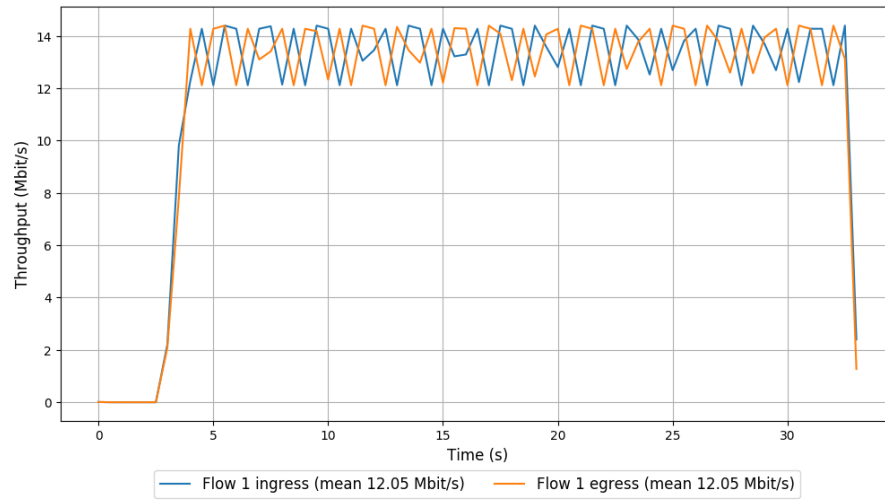
-- Flow 1:

Average throughput: 12.05 Mbit/s

95th percentile per-packet one-way delay: 40.063 ms

Loss rate: 0.30%

Run 3: Report of KohoCC — Data Link



Run 4: Statistics of KohoCC

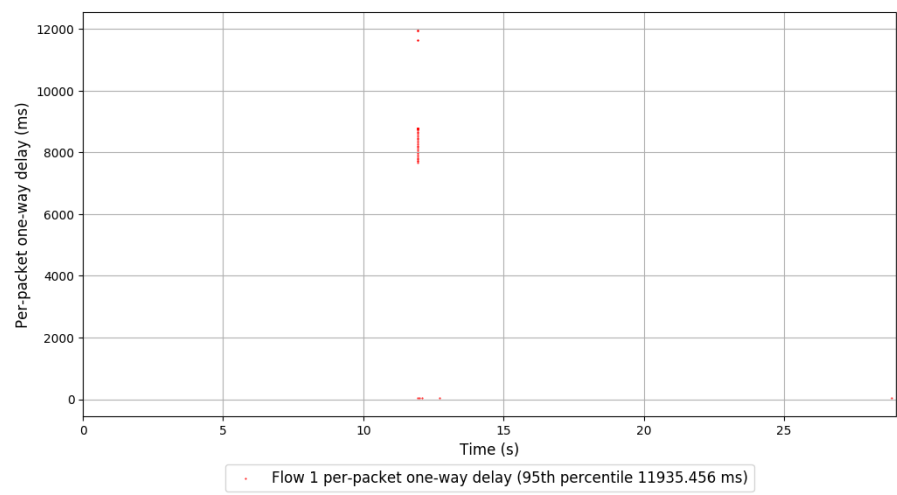
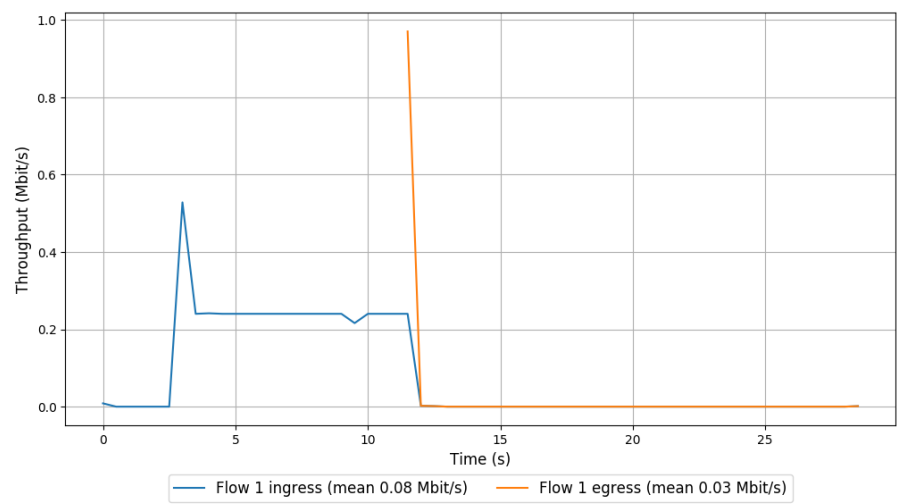
Start at: Wed, 14 Jun 2017 08:51:26 +0000

End at: Wed, 14 Jun 2017 08:51:56 +0000

Local clock offset: -1.463 ms

Remote clock offset: -1.118 ms

Run 4: Report of KohoCC — Data Link



Run 5: Statistics of KohoCC

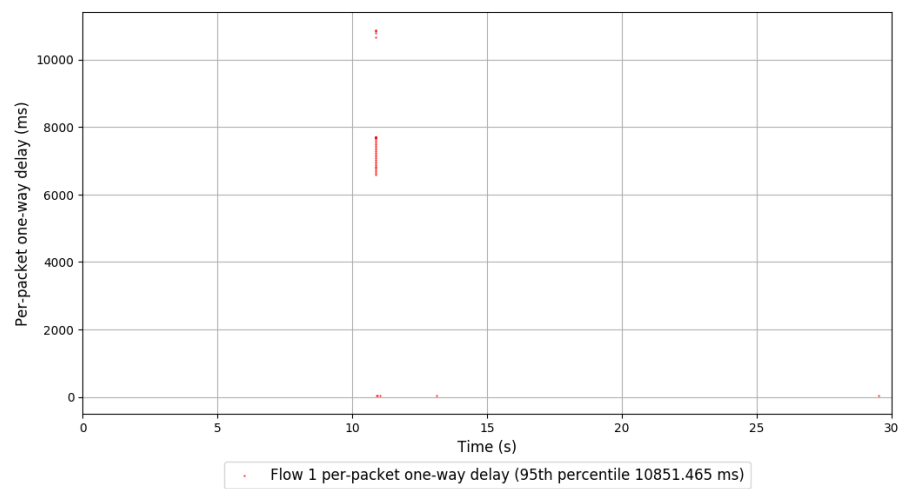
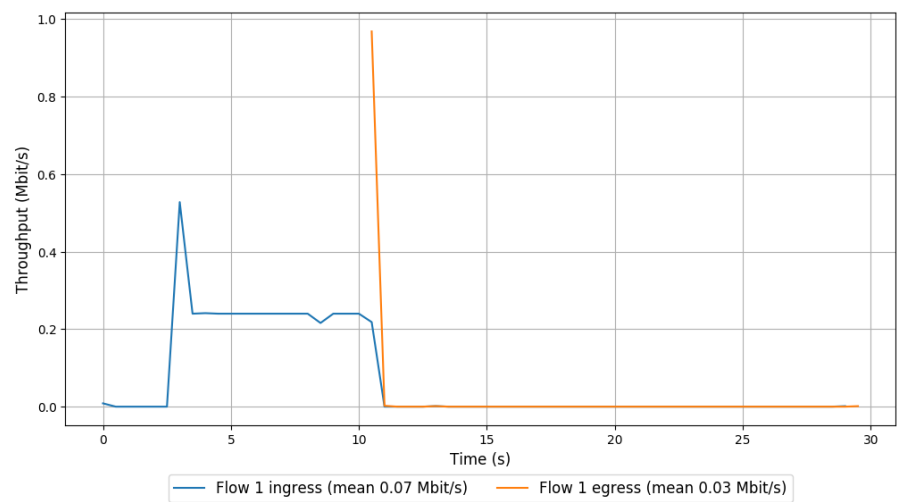
Start at: Wed, 14 Jun 2017 09:11:05 +0000

End at: Wed, 14 Jun 2017 09:11:35 +0000

Local clock offset: -1.149 ms

Remote clock offset: -2.146 ms

Run 5: Report of KohoCC — Data Link



Run 6: Statistics of KohoCC

Start at: Wed, 14 Jun 2017 09:30:35 +0000

End at: Wed, 14 Jun 2017 09:31:05 +0000

Local clock offset: -0.99 ms

Remote clock offset: 0.187 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:56:54 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.30 Mbit/s

95th percentile per-packet one-way delay: 37.819 ms

Loss rate: 0.29%

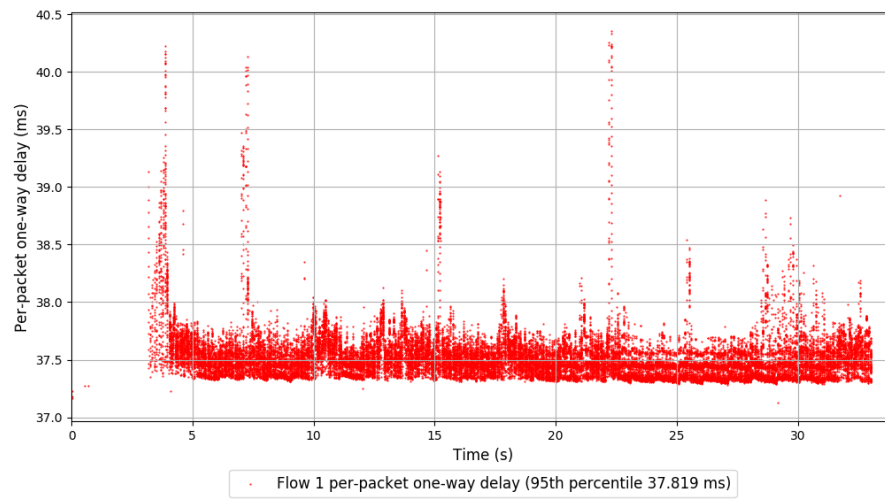
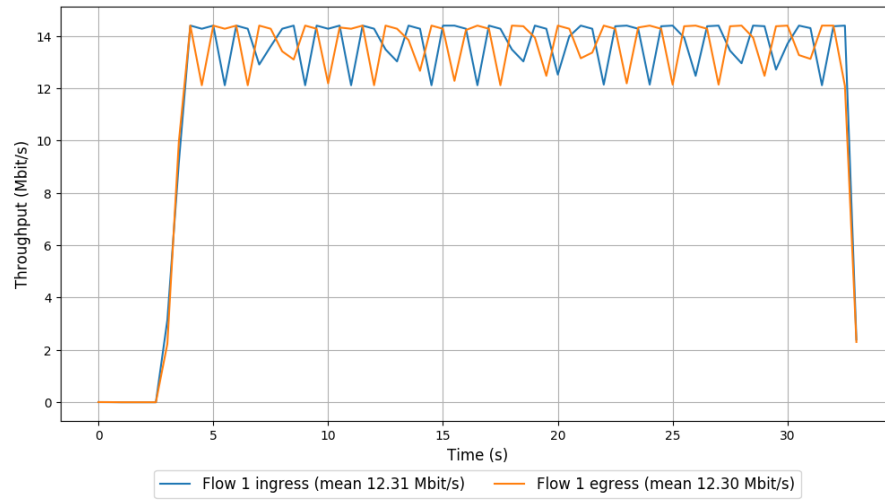
-- Flow 1:

Average throughput: 12.30 Mbit/s

95th percentile per-packet one-way delay: 37.819 ms

Loss rate: 0.29%

Run 6: Report of KohoCC — Data Link



Run 7: Statistics of KohoCC

Start at: Wed, 14 Jun 2017 09:50:17 +0000

End at: Wed, 14 Jun 2017 09:50:47 +0000

Local clock offset: -0.651 ms

Remote clock offset: -3.117 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:56:54 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.14 Mbit/s

95th percentile per-packet one-way delay: 37.662 ms

Loss rate: 0.30%

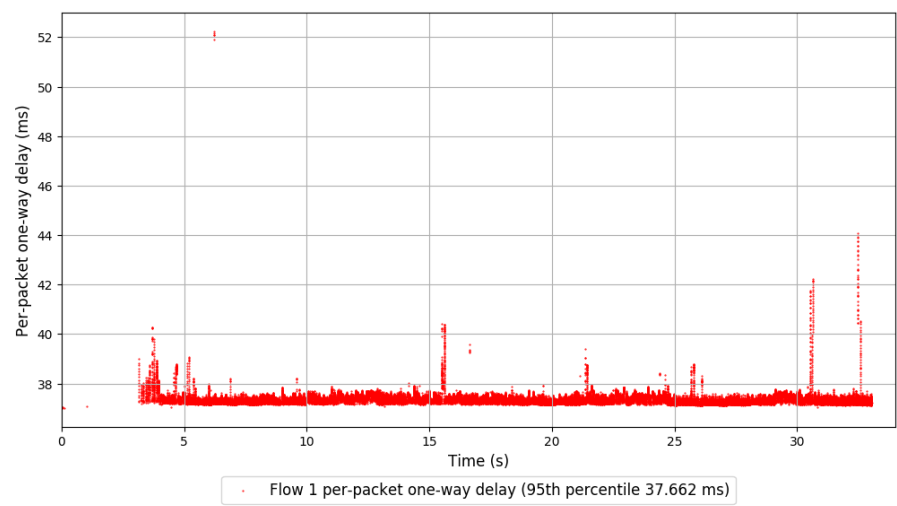
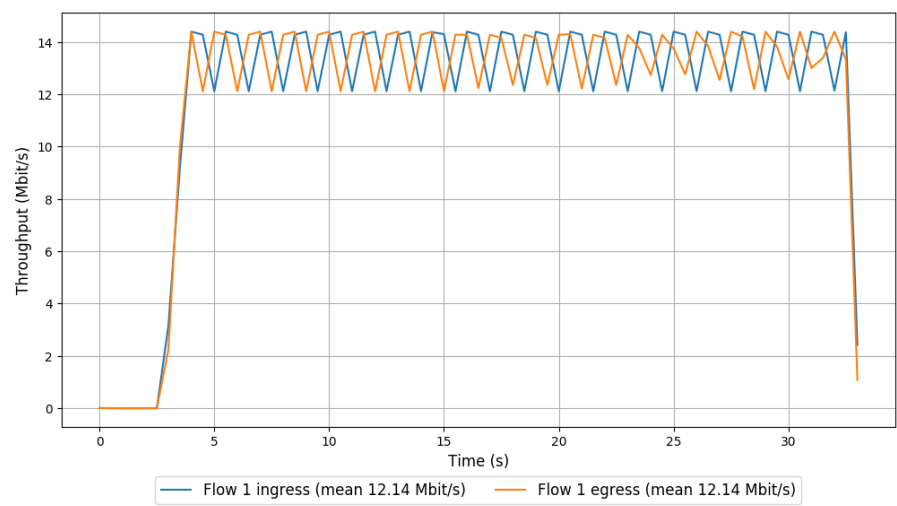
-- Flow 1:

Average throughput: 12.14 Mbit/s

95th percentile per-packet one-way delay: 37.662 ms

Loss rate: 0.30%

Run 7: Report of KohoCC — Data Link



Run 8: Statistics of KohoCC

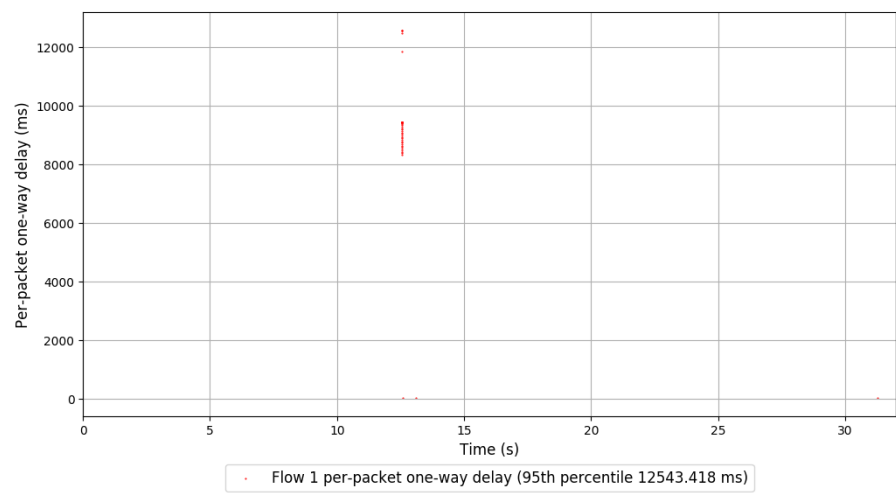
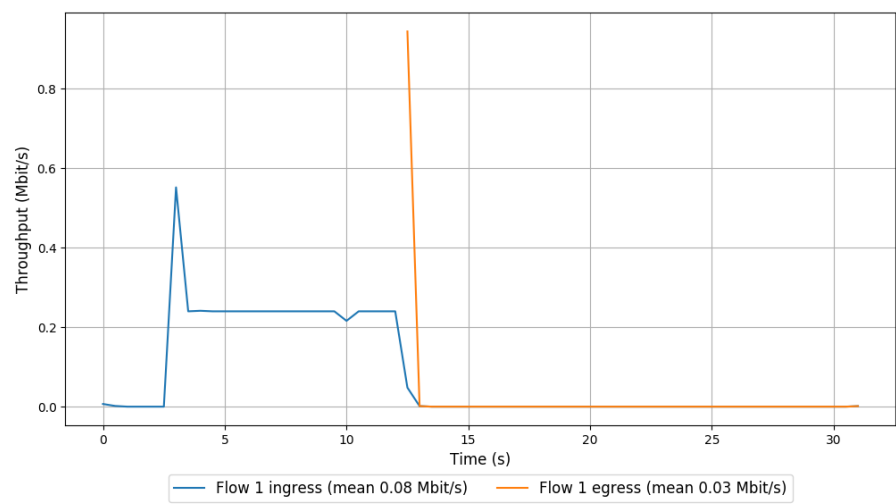
Start at: Wed, 14 Jun 2017 10:10:04 +0000

End at: Wed, 14 Jun 2017 10:10:34 +0000

Local clock offset: -0.234 ms

Remote clock offset: -3.216 ms

Run 8: Report of KohoCC — Data Link



Run 9: Statistics of KohoCC

Start at: Wed, 14 Jun 2017 10:29:46 +0000

End at: Wed, 14 Jun 2017 10:30:16 +0000

Local clock offset: 0.332 ms

Remote clock offset: -3.441 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:56:57 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.18 Mbit/s

95th percentile per-packet one-way delay: 36.003 ms

Loss rate: 0.30%

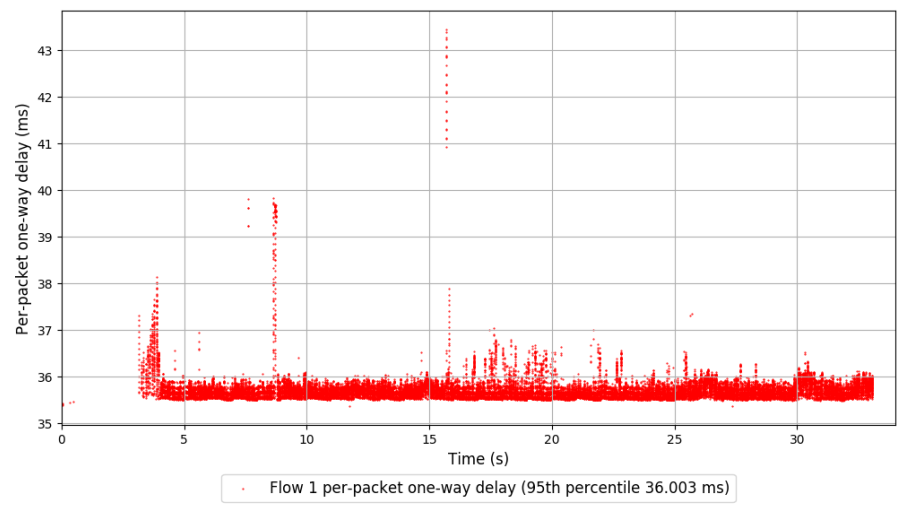
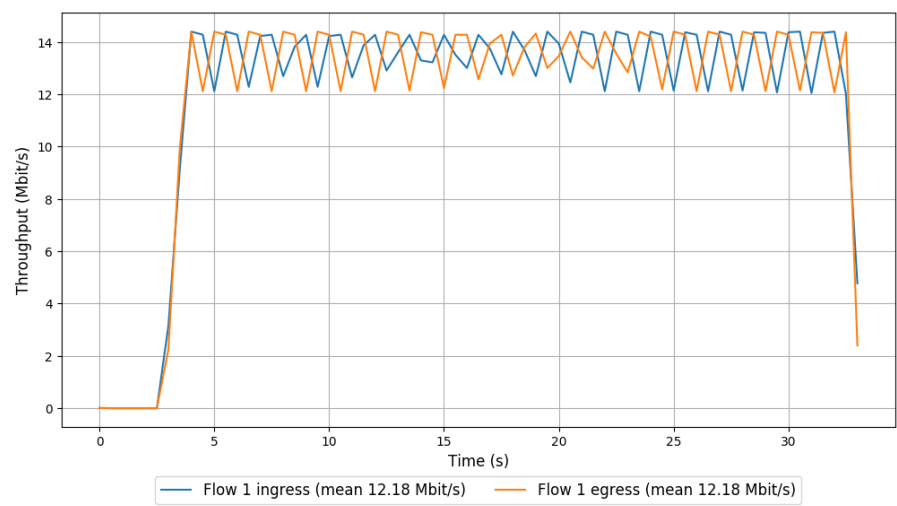
-- Flow 1:

Average throughput: 12.18 Mbit/s

95th percentile per-packet one-way delay: 36.003 ms

Loss rate: 0.30%

Run 9: Report of KohoCC — Data Link



Run 10: Statistics of KohoCC

Start at: Wed, 14 Jun 2017 10:49:28 +0000

End at: Wed, 14 Jun 2017 10:49:58 +0000

Local clock offset: 0.581 ms

Remote clock offset: -3.428 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:56:57 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.15 Mbit/s

95th percentile per-packet one-way delay: 35.841 ms

Loss rate: 0.30%

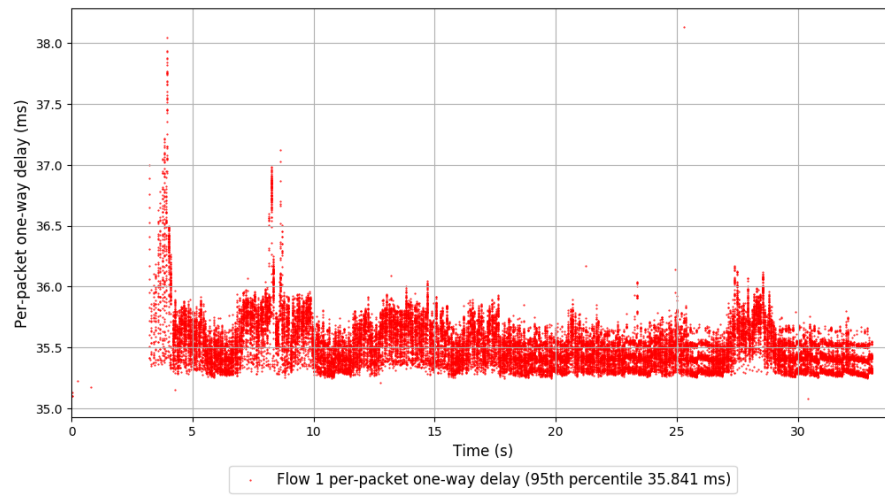
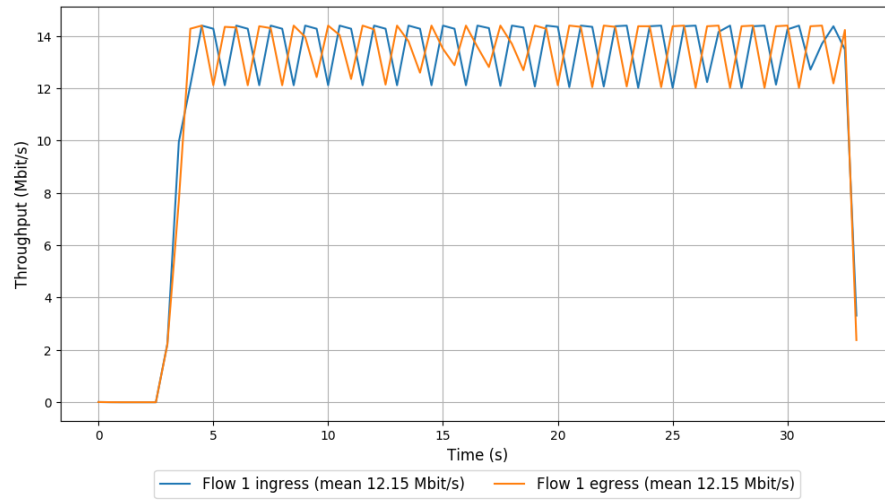
-- Flow 1:

Average throughput: 12.15 Mbit/s

95th percentile per-packet one-way delay: 35.841 ms

Loss rate: 0.30%

Run 10: Report of KohoCC — Data Link



Run 1: Statistics of LEDBAT

Start at: Wed, 14 Jun 2017 07:57:13 +0000

End at: Wed, 14 Jun 2017 07:57:43 +0000

Local clock offset: 0.169 ms

Remote clock offset: -11.249 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:57:01 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 19.09 Mbit/s

95th percentile per-packet one-way delay: 38.044 ms

Loss rate: 0.83%

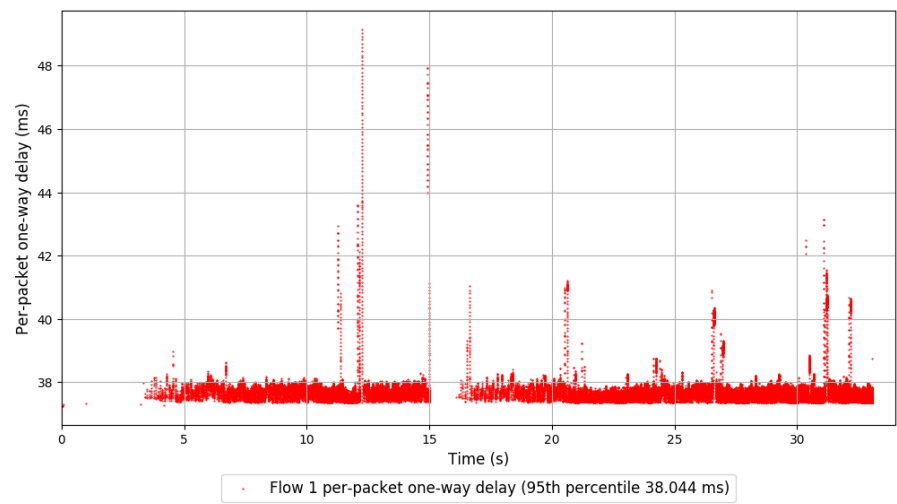
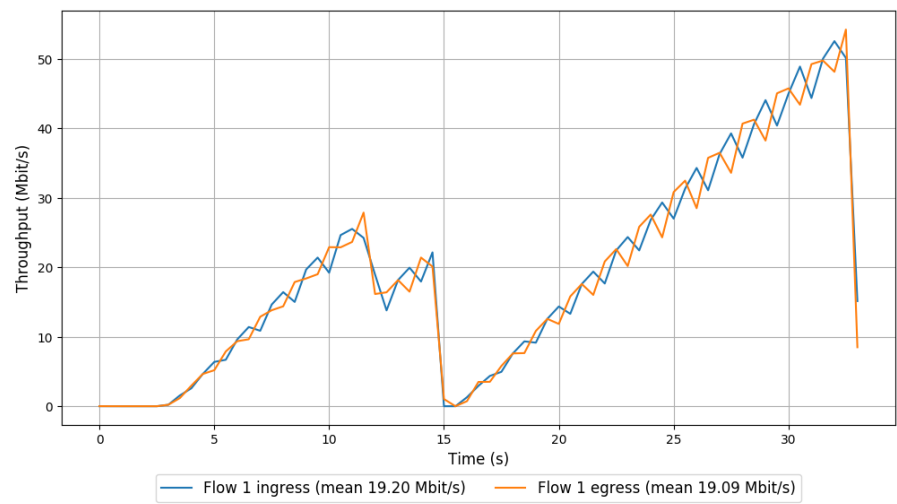
-- Flow 1:

Average throughput: 19.09 Mbit/s

95th percentile per-packet one-way delay: 38.044 ms

Loss rate: 0.83%

Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: Wed, 14 Jun 2017 08:16:58 +0000

End at: Wed, 14 Jun 2017 08:17:28 +0000

Local clock offset: -0.335 ms

Remote clock offset: -9.06 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:57:01 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 19.83 Mbit/s

95th percentile per-packet one-way delay: 37.921 ms

Loss rate: 0.70%

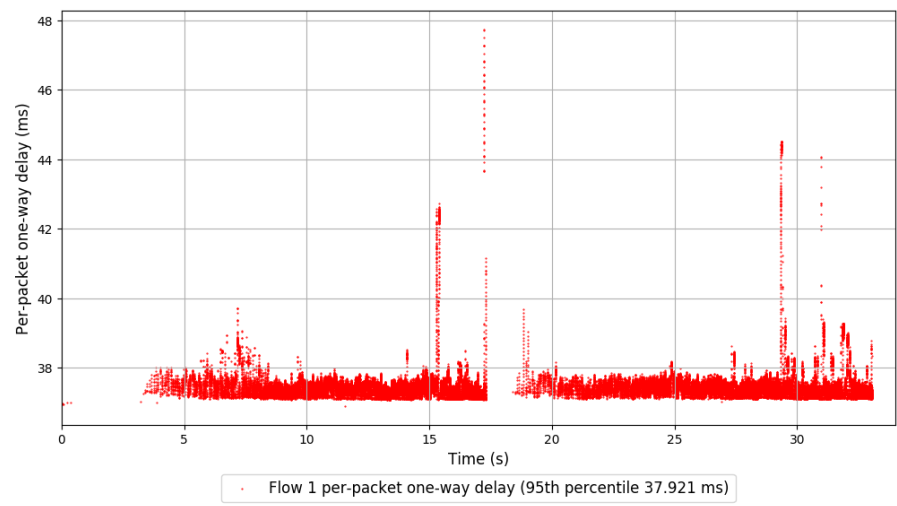
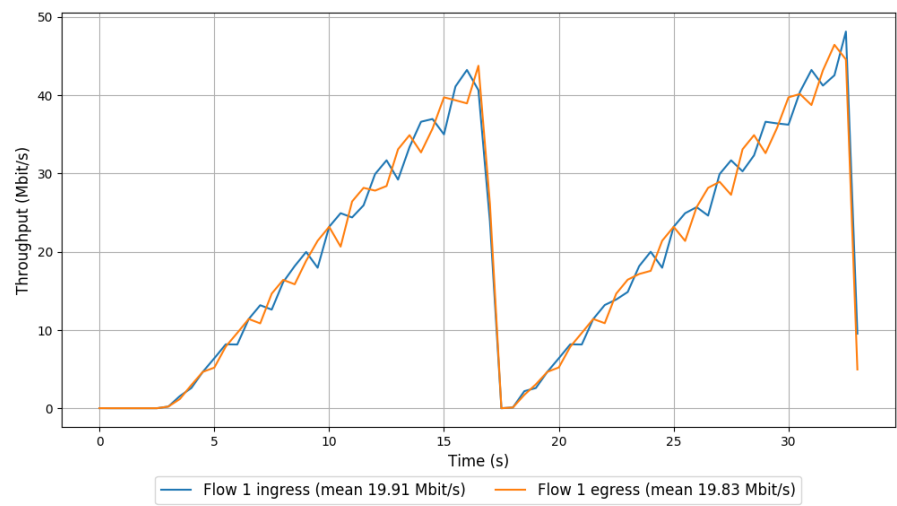
-- Flow 1:

Average throughput: 19.83 Mbit/s

95th percentile per-packet one-way delay: 37.921 ms

Loss rate: 0.70%

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: Wed, 14 Jun 2017 08:36:59 +0000

End at: Wed, 14 Jun 2017 08:37:29 +0000

Local clock offset: -1.3 ms

Remote clock offset: -1.595 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:57:03 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.97 Mbit/s

95th percentile per-packet one-way delay: 39.917 ms

Loss rate: 0.82%

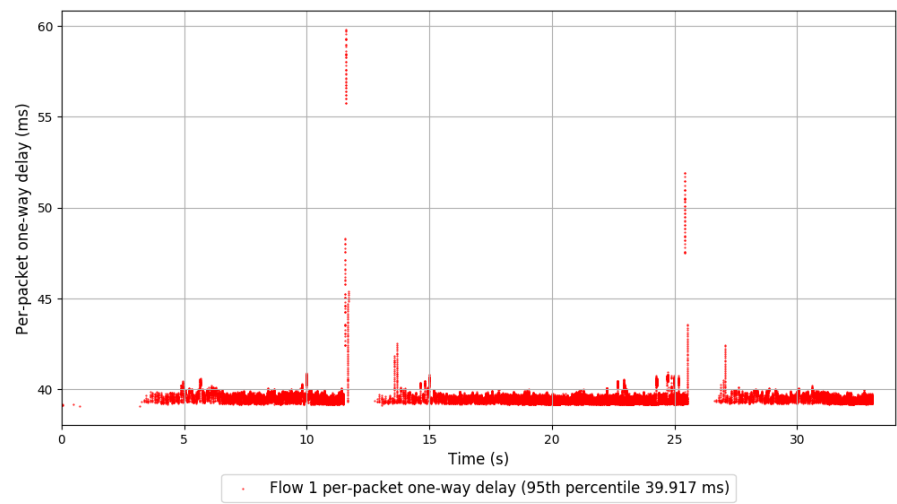
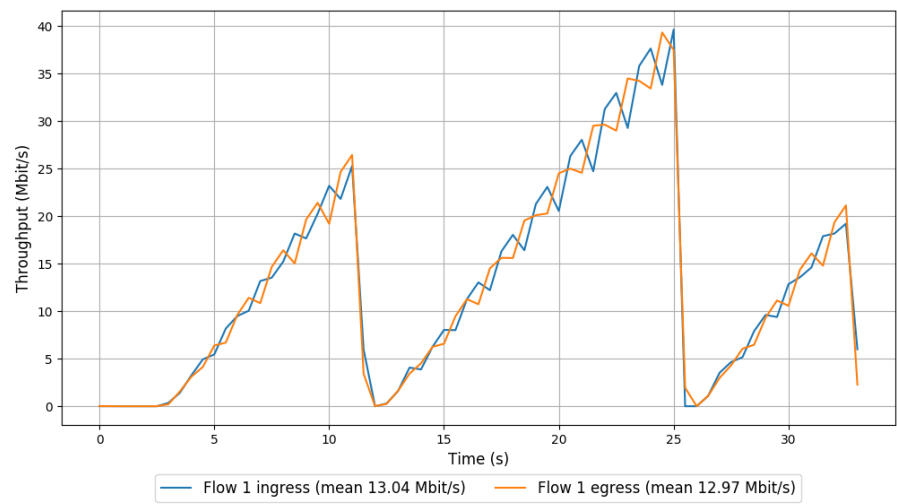
-- Flow 1:

Average throughput: 12.97 Mbit/s

95th percentile per-packet one-way delay: 39.917 ms

Loss rate: 0.82%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: Wed, 14 Jun 2017 08:56:39 +0000

End at: Wed, 14 Jun 2017 08:57:09 +0000

Local clock offset: -1.299 ms

Remote clock offset: -1.527 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:57:05 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 25.86 Mbit/s

95th percentile per-packet one-way delay: 38.721 ms

Loss rate: 0.25%

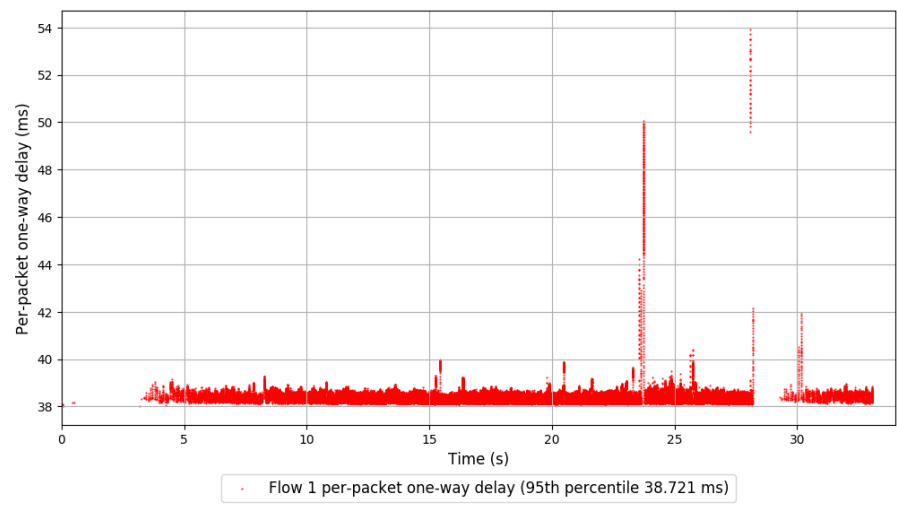
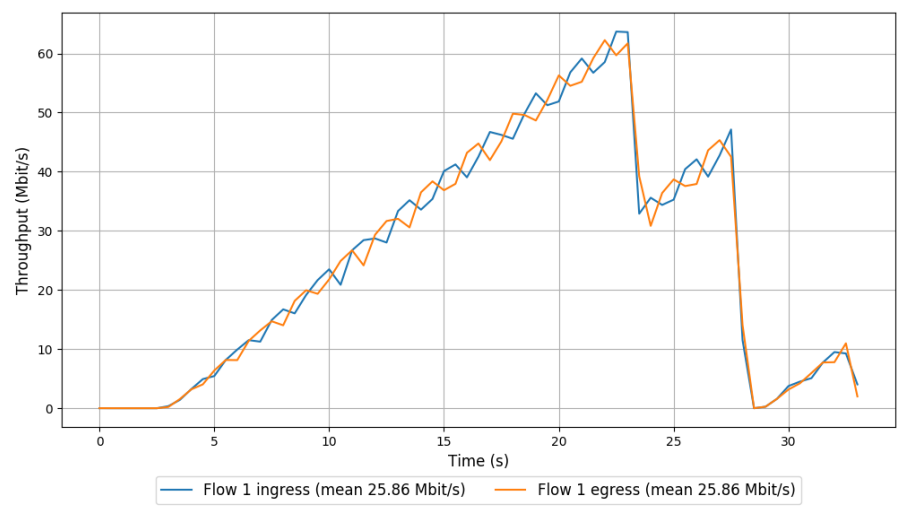
-- Flow 1:

Average throughput: 25.86 Mbit/s

95th percentile per-packet one-way delay: 38.721 ms

Loss rate: 0.25%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: Wed, 14 Jun 2017 09:16:18 +0000

End at: Wed, 14 Jun 2017 09:16:48 +0000

Local clock offset: -1.084 ms

Remote clock offset: -1.369 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:57:07 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 15.23 Mbit/s

95th percentile per-packet one-way delay: 39.299 ms

Loss rate: 0.78%

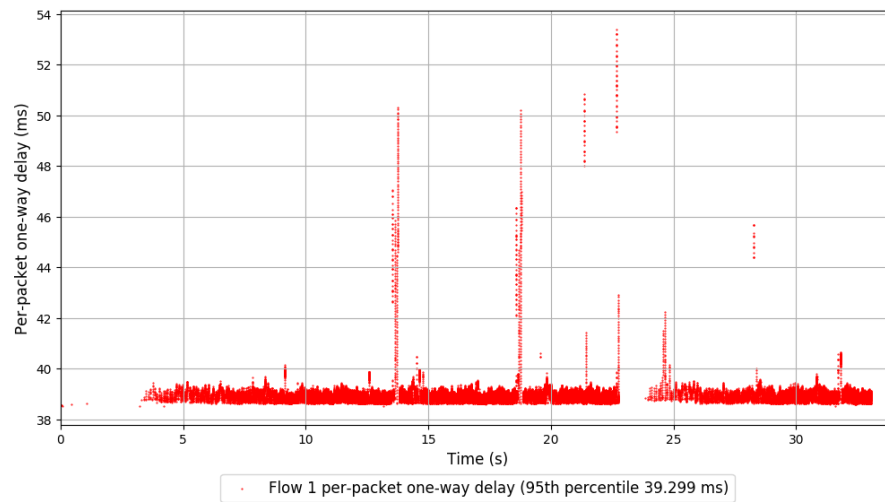
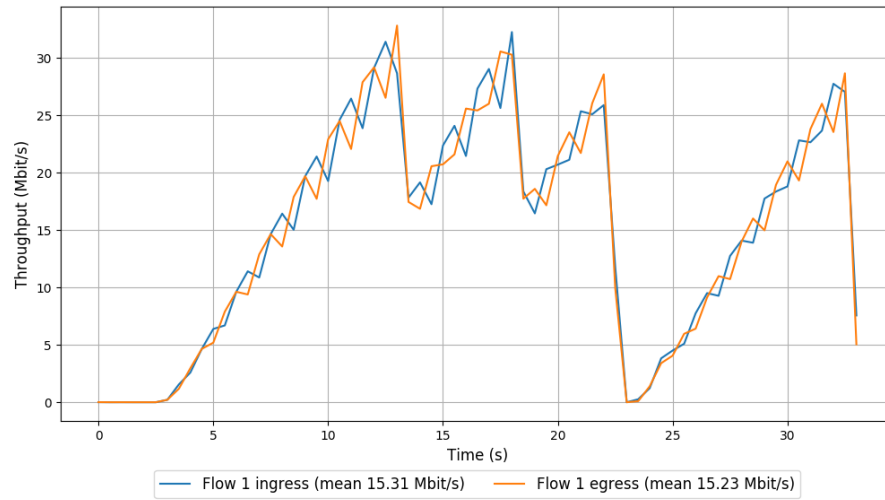
-- Flow 1:

Average throughput: 15.23 Mbit/s

95th percentile per-packet one-way delay: 39.299 ms

Loss rate: 0.78%

Run 5: Report of LEDBAT — Data Link



Run 6: Statistics of LEDBAT

Start at: Wed, 14 Jun 2017 09:35:49 +0000

End at: Wed, 14 Jun 2017 09:36:19 +0000

Local clock offset: -0.955 ms

Remote clock offset: -0.386 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:57:11 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 29.66 Mbit/s

95th percentile per-packet one-way delay: 38.596 ms

Loss rate: 0.37%

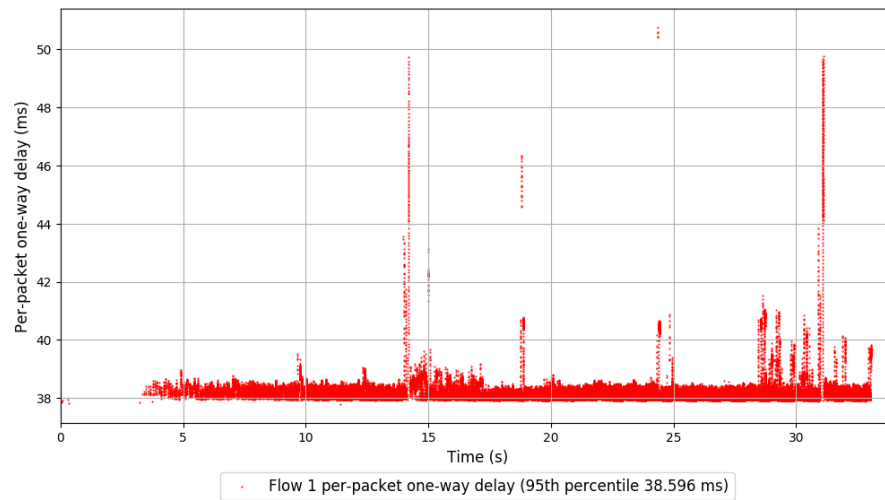
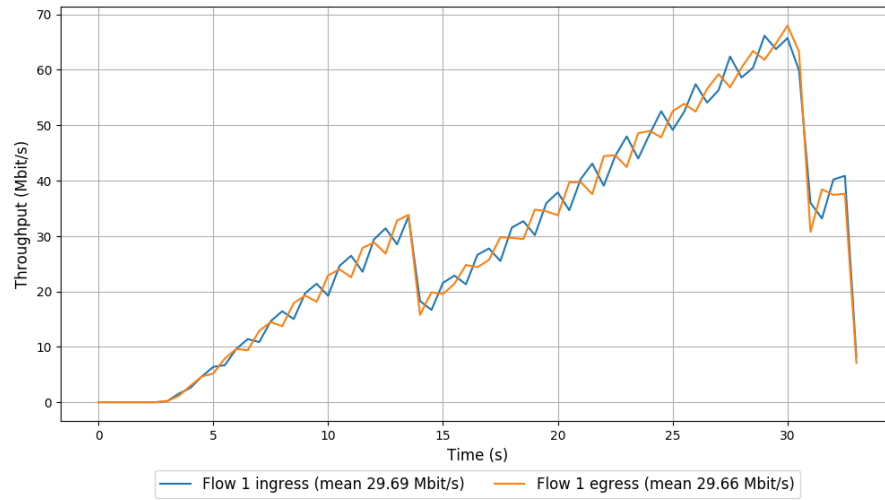
-- Flow 1:

Average throughput: 29.66 Mbit/s

95th percentile per-packet one-way delay: 38.596 ms

Loss rate: 0.37%

Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

Start at: Wed, 14 Jun 2017 09:55:33 +0000

End at: Wed, 14 Jun 2017 09:56:03 +0000

Local clock offset: -0.452 ms

Remote clock offset: -2.495 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:57:11 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 18.11 Mbit/s

95th percentile per-packet one-way delay: 37.548 ms

Loss rate: 0.46%

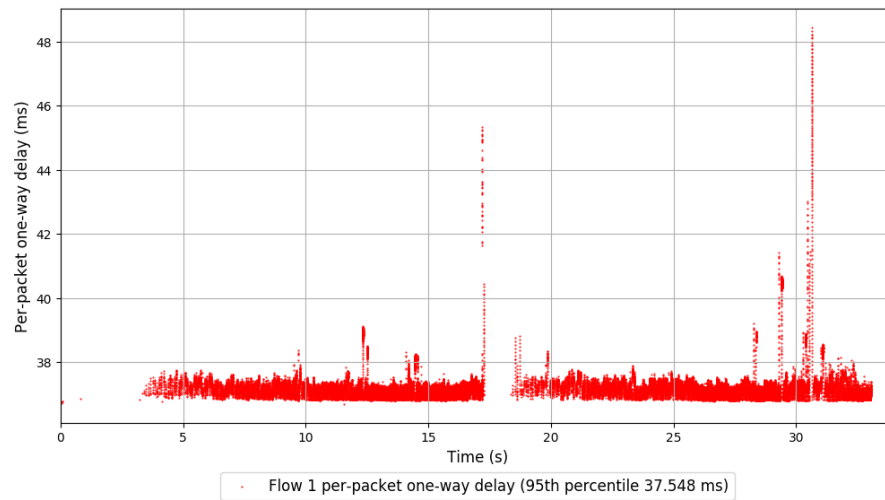
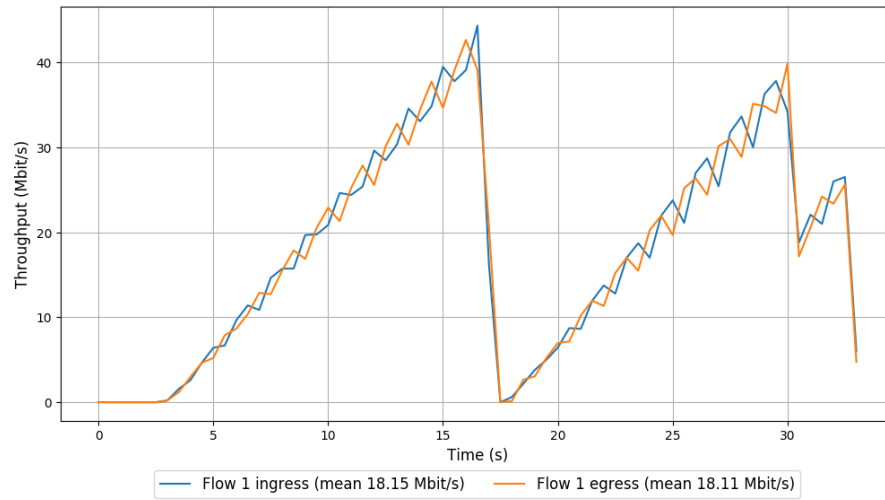
-- Flow 1:

Average throughput: 18.11 Mbit/s

95th percentile per-packet one-way delay: 37.548 ms

Loss rate: 0.46%

Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: Wed, 14 Jun 2017 10:15:19 +0000

End at: Wed, 14 Jun 2017 10:15:49 +0000

Local clock offset: 0.025 ms

Remote clock offset: -2.844 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:57:13 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 17.08 Mbit/s

95th percentile per-packet one-way delay: 37.155 ms

Loss rate: 0.33%

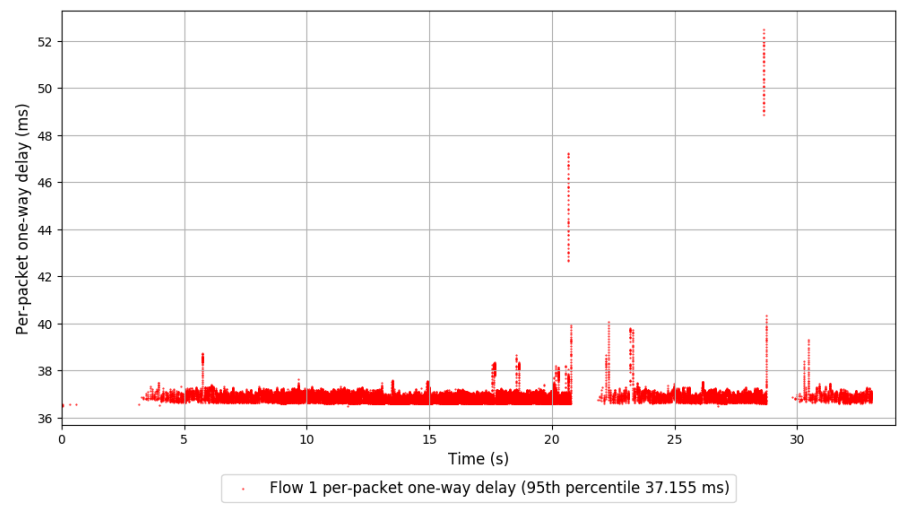
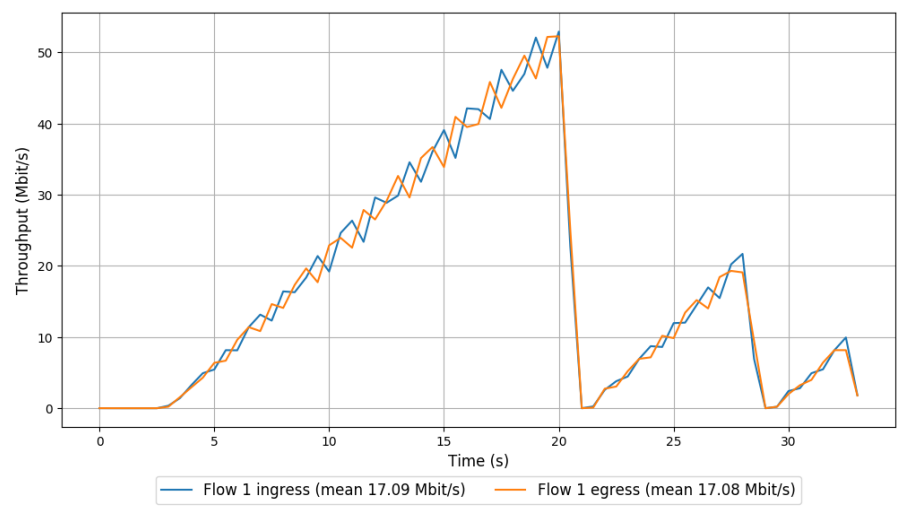
-- Flow 1:

Average throughput: 17.08 Mbit/s

95th percentile per-packet one-way delay: 37.155 ms

Loss rate: 0.33%

Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

Start at: Wed, 14 Jun 2017 10:35:01 +0000

End at: Wed, 14 Jun 2017 10:35:31 +0000

Local clock offset: 0.516 ms

Remote clock offset: -3.846 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:57:15 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 27.27 Mbit/s

95th percentile per-packet one-way delay: 36.581 ms

Loss rate: 0.18%

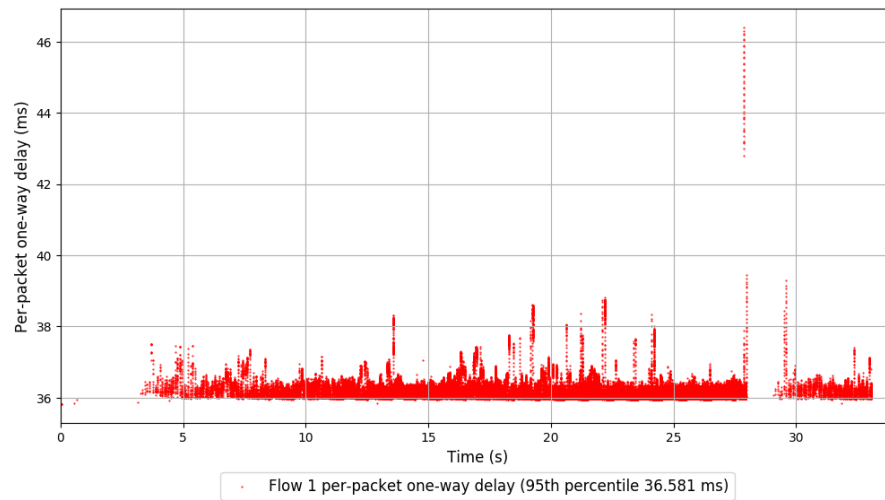
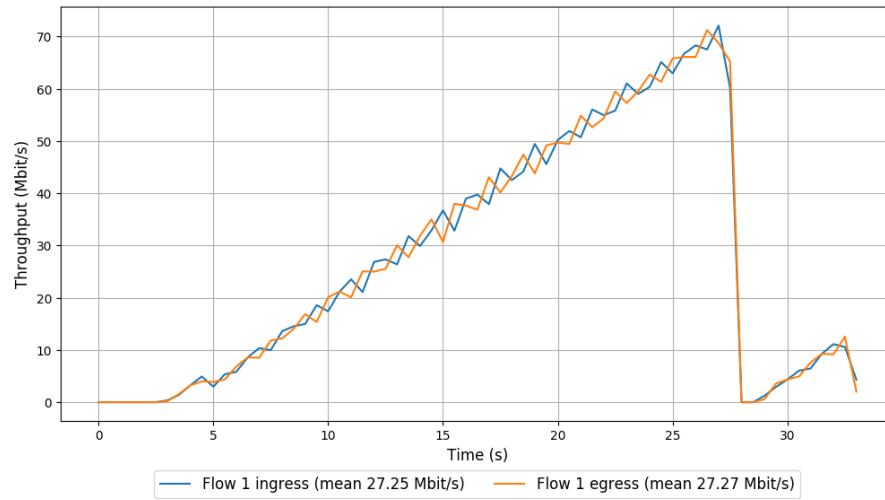
-- Flow 1:

Average throughput: 27.27 Mbit/s

95th percentile per-packet one-way delay: 36.581 ms

Loss rate: 0.18%

Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: Wed, 14 Jun 2017 10:54:44 +0000

End at: Wed, 14 Jun 2017 10:55:14 +0000

Local clock offset: 0.422 ms

Remote clock offset: -5.865 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:57:18 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 29.63 Mbit/s

95th percentile per-packet one-way delay: 36.374 ms

Loss rate: 0.33%

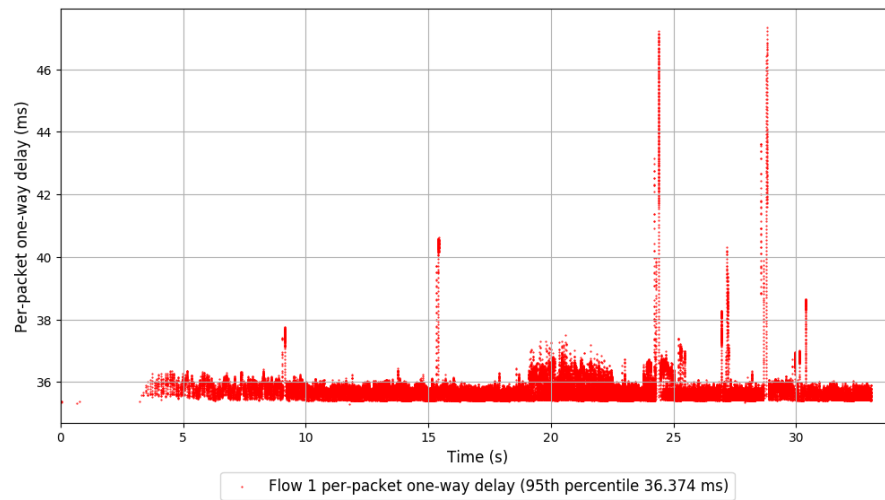
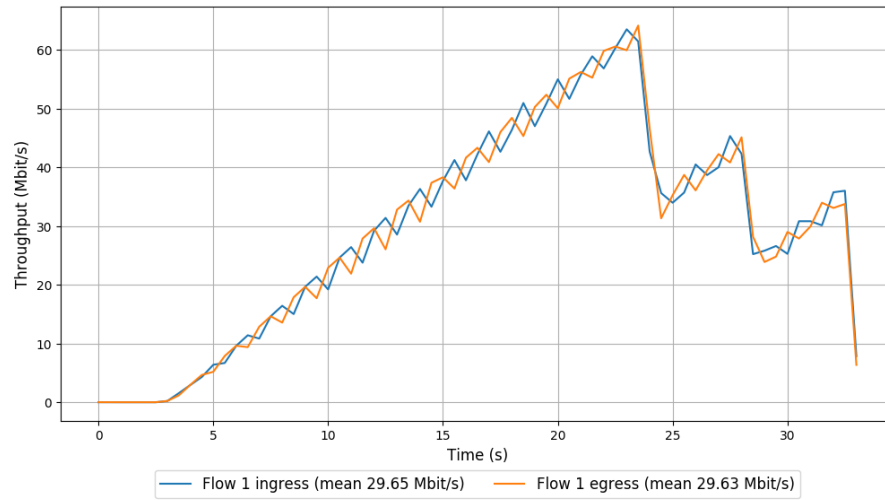
-- Flow 1:

Average throughput: 29.63 Mbit/s

95th percentile per-packet one-way delay: 36.374 ms

Loss rate: 0.33%

Run 10: Report of LEDBAT — Data Link



Run 1: Statistics of PCC

Start at: Wed, 14 Jun 2017 07:53:14 +0000

End at: Wed, 14 Jun 2017 07:53:44 +0000

Local clock offset: 0.184 ms

Remote clock offset: -11.133 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:57:29 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.55 Mbit/s

95th percentile per-packet one-way delay: 47.558 ms

Loss rate: 0.67%

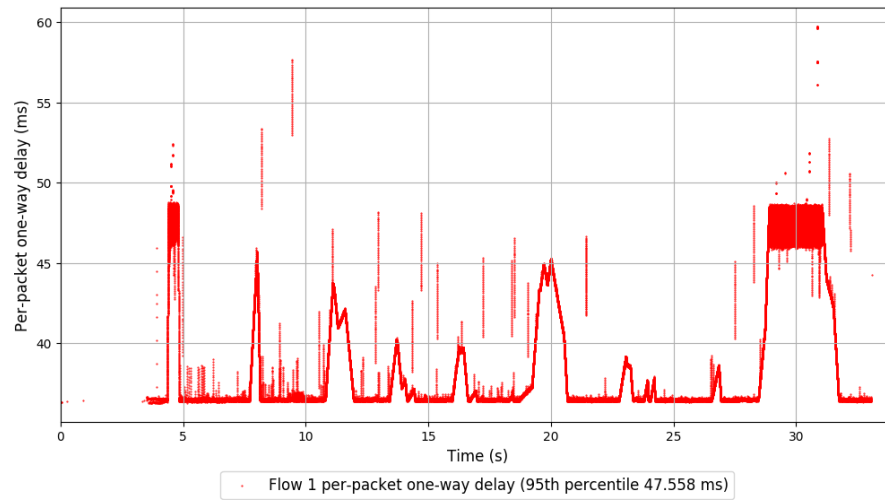
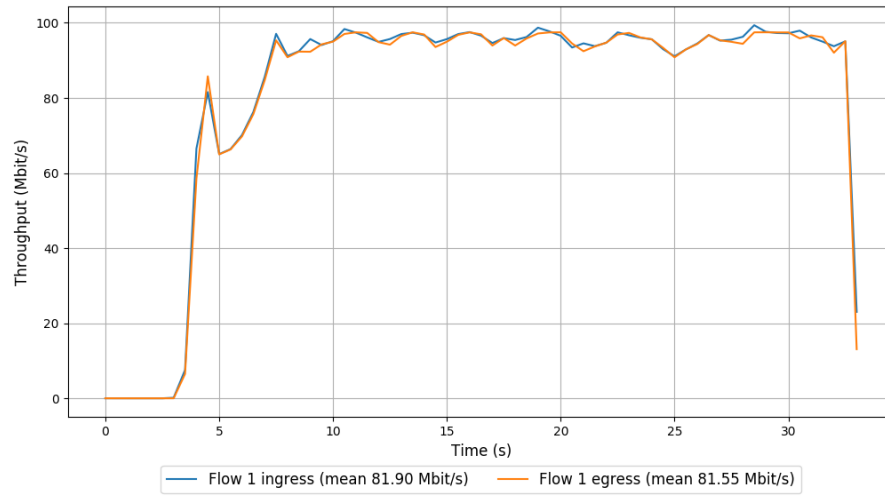
-- Flow 1:

Average throughput: 81.55 Mbit/s

95th percentile per-packet one-way delay: 47.558 ms

Loss rate: 0.67%

Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

Start at: Wed, 14 Jun 2017 08:12:59 +0000

End at: Wed, 14 Jun 2017 08:13:29 +0000

Local clock offset: -0.116 ms

Remote clock offset: -8.996 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:57:31 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.86 Mbit/s

95th percentile per-packet one-way delay: 49.442 ms

Loss rate: 0.59%

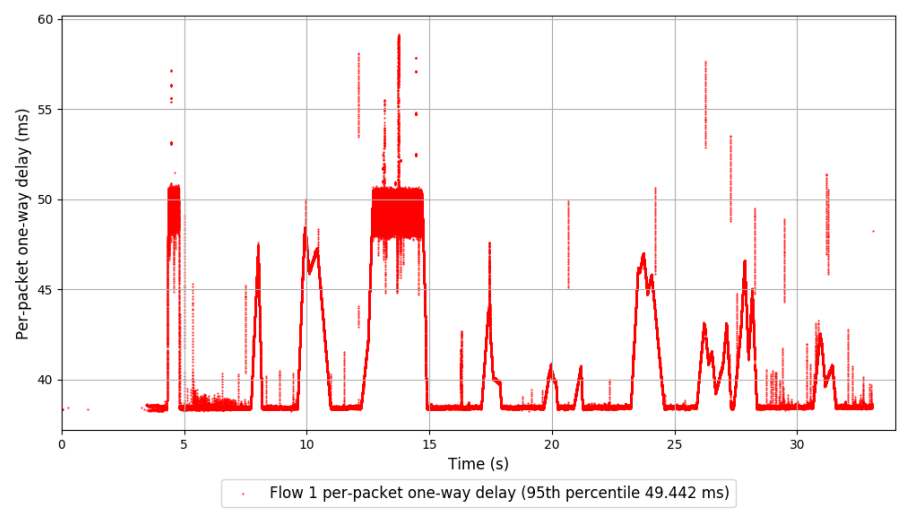
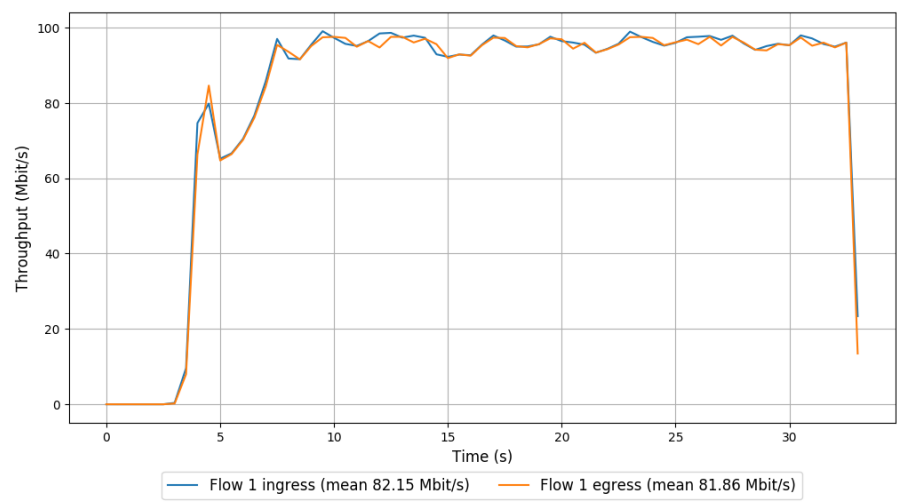
-- Flow 1:

Average throughput: 81.86 Mbit/s

95th percentile per-packet one-way delay: 49.442 ms

Loss rate: 0.59%

Run 2: Report of PCC — Data Link



Run 3: Statistics of PCC

Start at: Wed, 14 Jun 2017 08:32:44 +0000

End at: Wed, 14 Jun 2017 08:33:14 +0000

Local clock offset: -1.142 ms

Remote clock offset: -3.93 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:57:43 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.91 Mbit/s

95th percentile per-packet one-way delay: 49.403 ms

Loss rate: 0.52%

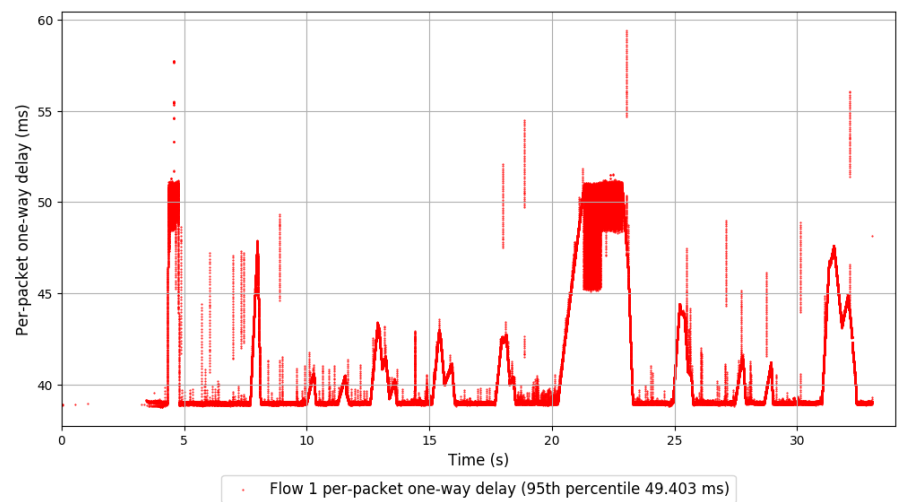
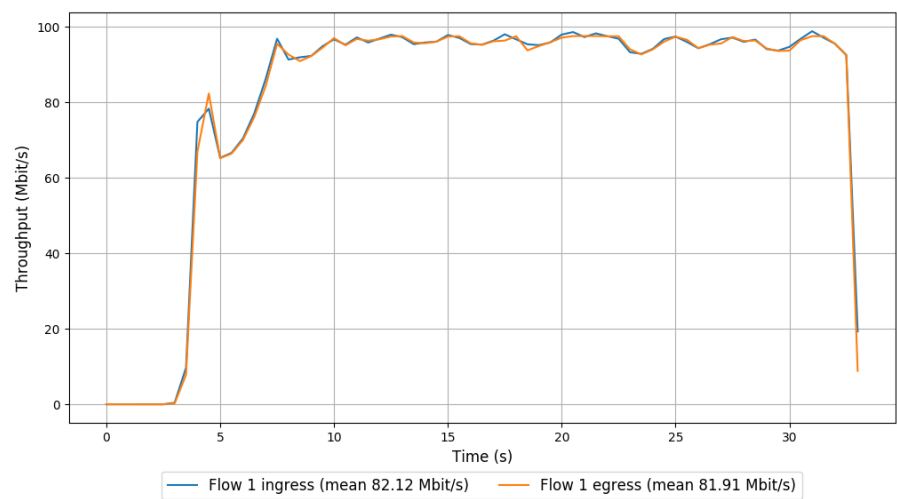
-- Flow 1:

Average throughput: 81.91 Mbit/s

95th percentile per-packet one-way delay: 49.403 ms

Loss rate: 0.52%

Run 3: Report of PCC — Data Link



Run 4: Statistics of PCC

Start at: Wed, 14 Jun 2017 08:52:42 +0000

End at: Wed, 14 Jun 2017 08:53:12 +0000

Local clock offset: -1.453 ms

Remote clock offset: -1.033 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:57:43 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.24 Mbit/s

95th percentile per-packet one-way delay: 46.414 ms

Loss rate: 1.25%

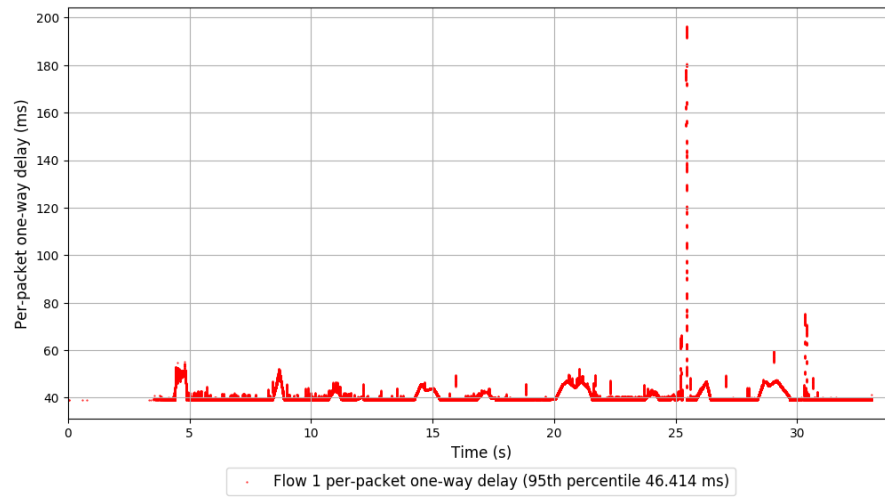
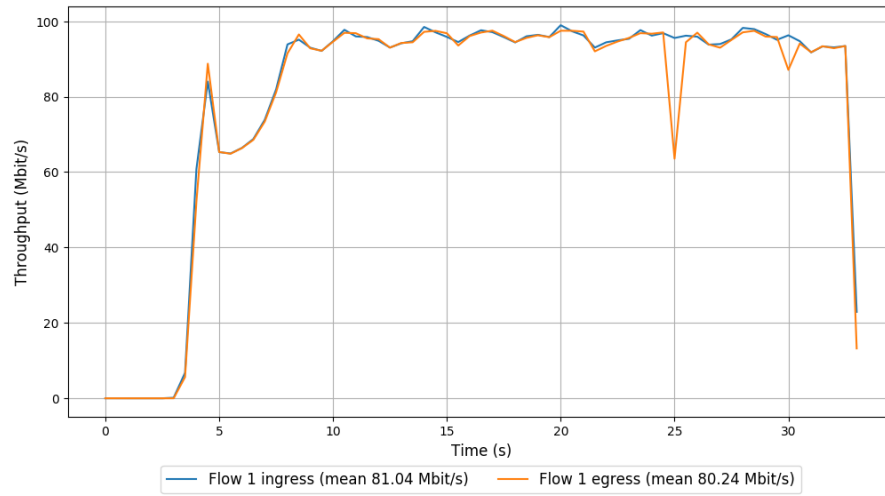
-- Flow 1:

Average throughput: 80.24 Mbit/s

95th percentile per-packet one-way delay: 46.414 ms

Loss rate: 1.25%

Run 4: Report of PCC — Data Link



Run 5: Statistics of PCC

Start at: Wed, 14 Jun 2017 09:12:20 +0000

End at: Wed, 14 Jun 2017 09:12:50 +0000

Local clock offset: -1.23 ms

Remote clock offset: -3.781 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:57:55 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.31 Mbit/s

95th percentile per-packet one-way delay: 49.652 ms

Loss rate: 0.85%

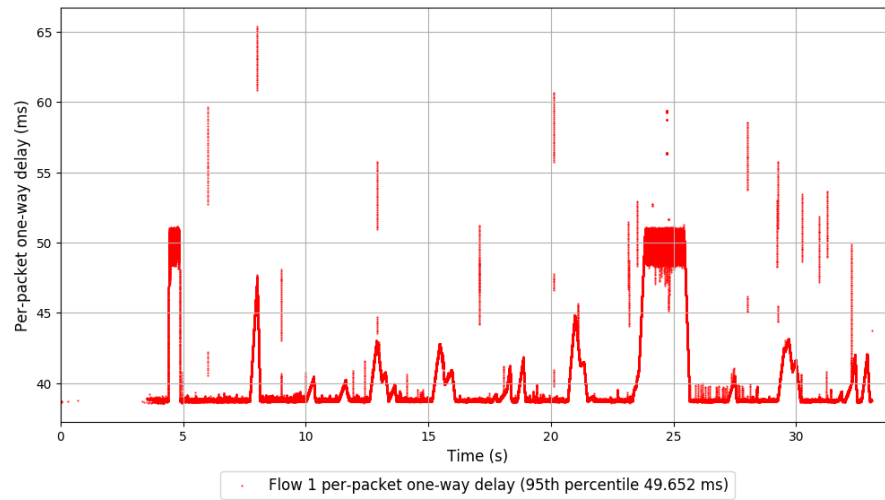
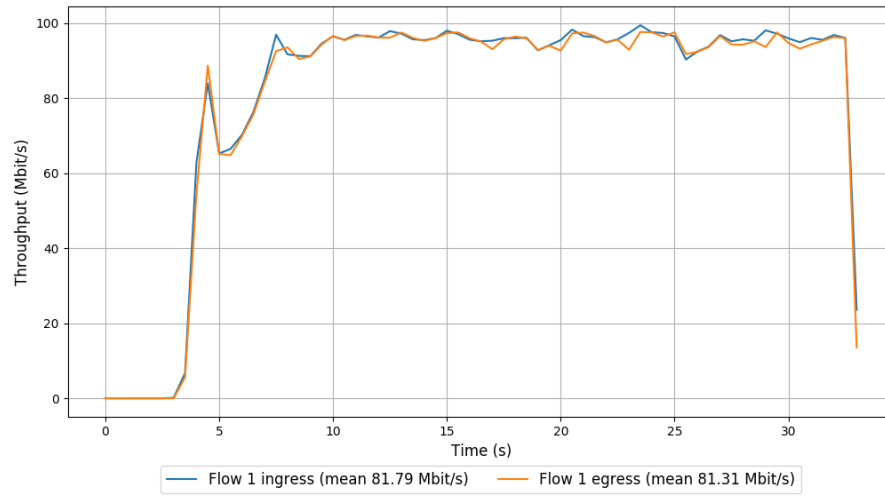
-- Flow 1:

Average throughput: 81.31 Mbit/s

95th percentile per-packet one-way delay: 49.652 ms

Loss rate: 0.85%

Run 5: Report of PCC — Data Link



Run 6: Statistics of PCC

Start at: Wed, 14 Jun 2017 09:31:51 +0000

End at: Wed, 14 Jun 2017 09:32:21 +0000

Local clock offset: -1.044 ms

Remote clock offset: -0.227 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:57:55 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.72 Mbit/s

95th percentile per-packet one-way delay: 46.937 ms

Loss rate: 0.52%

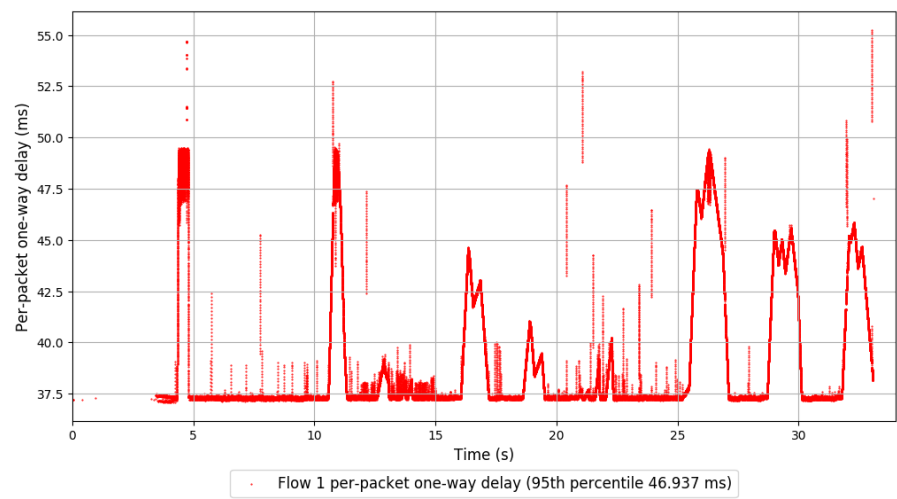
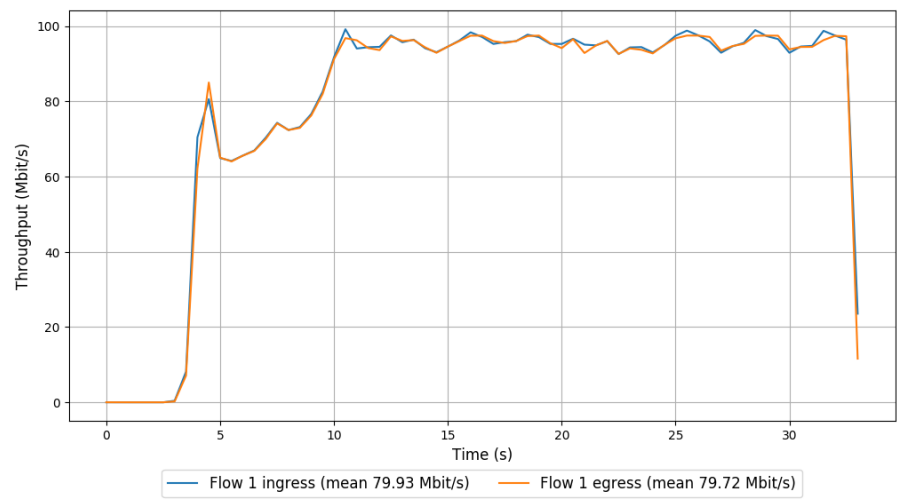
-- Flow 1:

Average throughput: 79.72 Mbit/s

95th percentile per-packet one-way delay: 46.937 ms

Loss rate: 0.52%

Run 6: Report of PCC — Data Link



Run 7: Statistics of PCC

Start at: Wed, 14 Jun 2017 09:51:34 +0000

End at: Wed, 14 Jun 2017 09:52:04 +0000

Local clock offset: -0.591 ms

Remote clock offset: -2.428 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:58:08 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.42 Mbit/s

95th percentile per-packet one-way delay: 42.407 ms

Loss rate: 0.57%

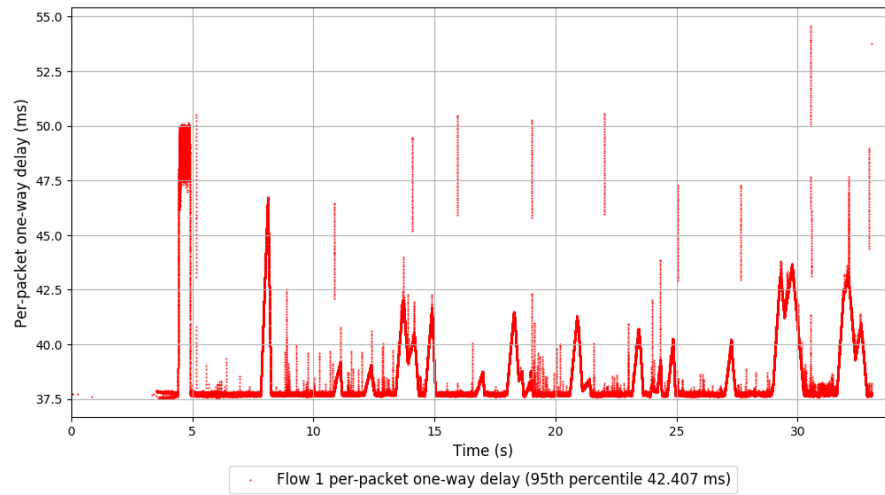
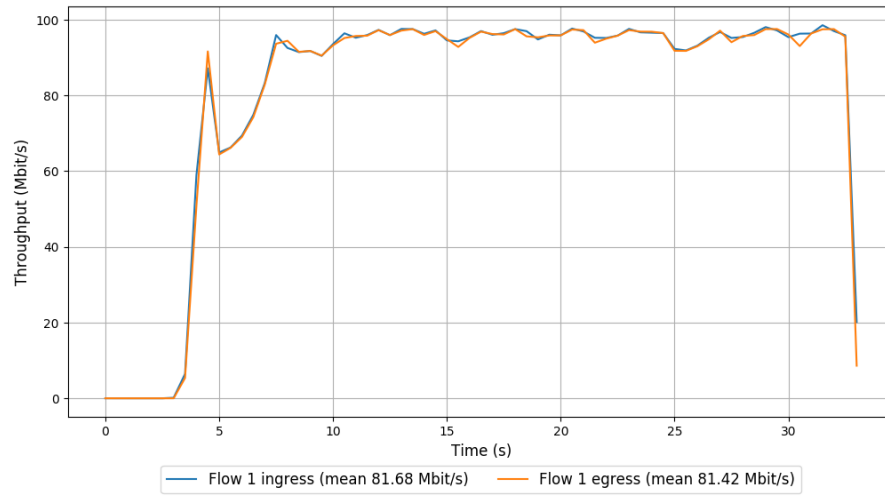
-- Flow 1:

Average throughput: 81.42 Mbit/s

95th percentile per-packet one-way delay: 42.407 ms

Loss rate: 0.57%

Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

Start at: Wed, 14 Jun 2017 10:11:20 +0000

End at: Wed, 14 Jun 2017 10:11:50 +0000

Local clock offset: -0.135 ms

Remote clock offset: -5.427 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:58:08 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.58 Mbit/s

95th percentile per-packet one-way delay: 43.382 ms

Loss rate: 0.44%

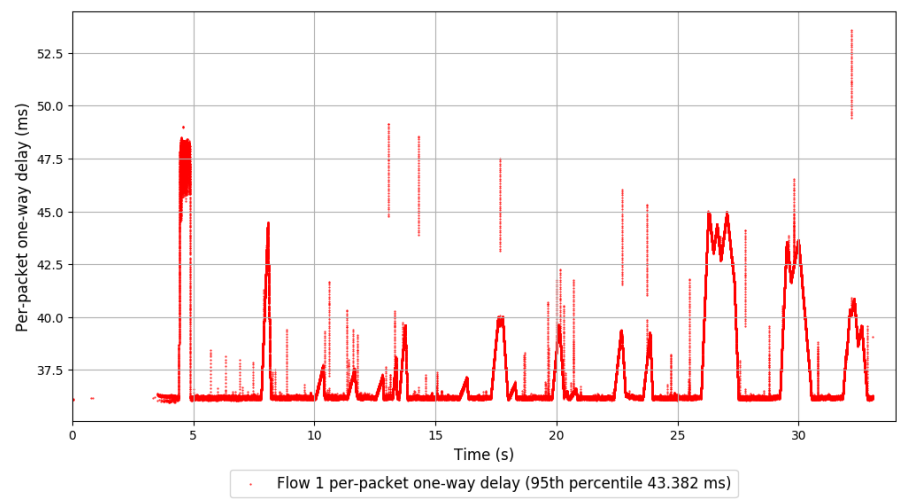
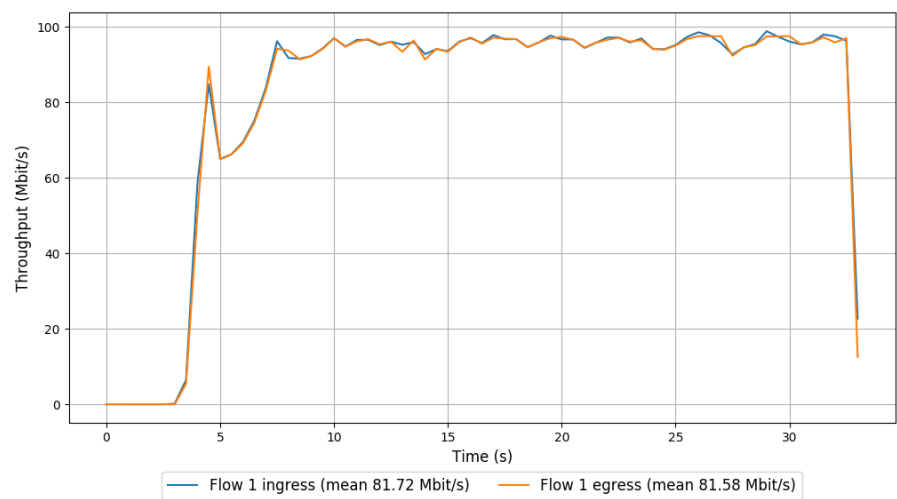
-- Flow 1:

Average throughput: 81.58 Mbit/s

95th percentile per-packet one-way delay: 43.382 ms

Loss rate: 0.44%

Run 8: Report of PCC — Data Link



Run 9: Statistics of PCC

Start at: Wed, 14 Jun 2017 10:31:03 +0000

End at: Wed, 14 Jun 2017 10:31:33 +0000

Local clock offset: 0.363 ms

Remote clock offset: -5.419 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:58:20 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.35 Mbit/s

95th percentile per-packet one-way delay: 43.399 ms

Loss rate: 0.51%

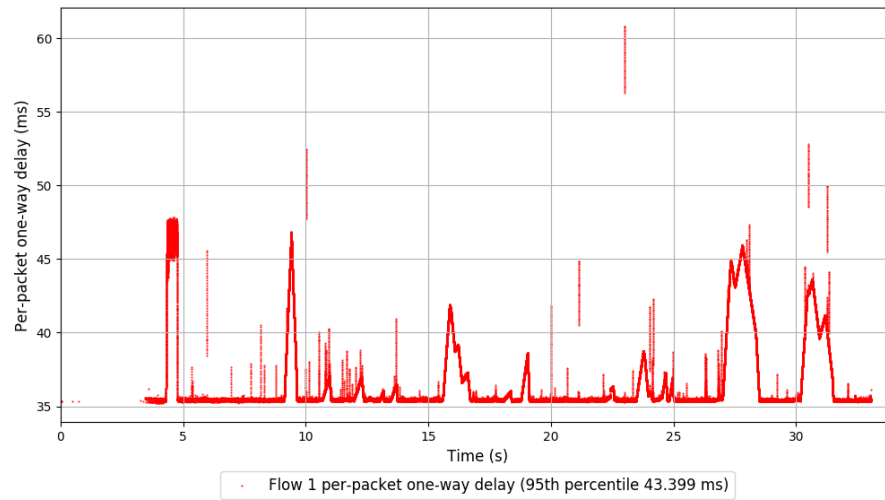
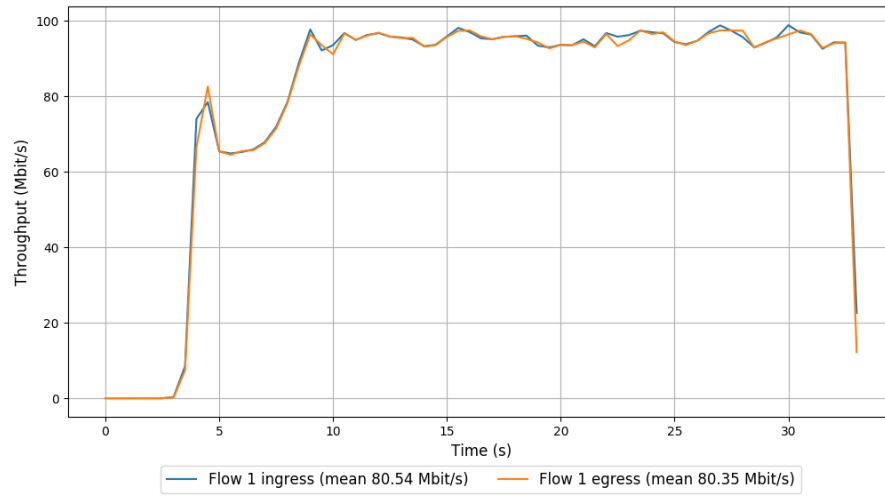
-- Flow 1:

Average throughput: 80.35 Mbit/s

95th percentile per-packet one-way delay: 43.399 ms

Loss rate: 0.51%

Run 9: Report of PCC — Data Link



Run 10: Statistics of PCC

Start at: Wed, 14 Jun 2017 10:50:45 +0000

End at: Wed, 14 Jun 2017 10:51:15 +0000

Local clock offset: 0.546 ms

Remote clock offset: -3.327 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:58:21 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.28 Mbit/s

95th percentile per-packet one-way delay: 41.860 ms

Loss rate: 0.45%

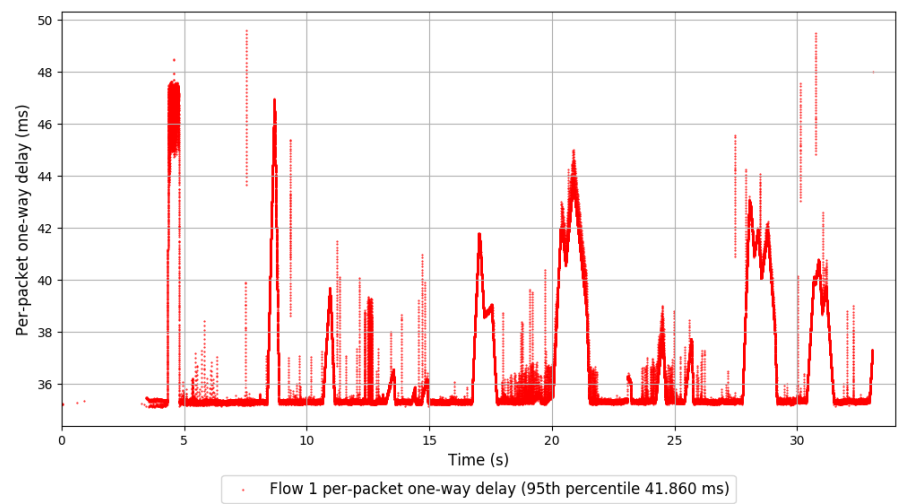
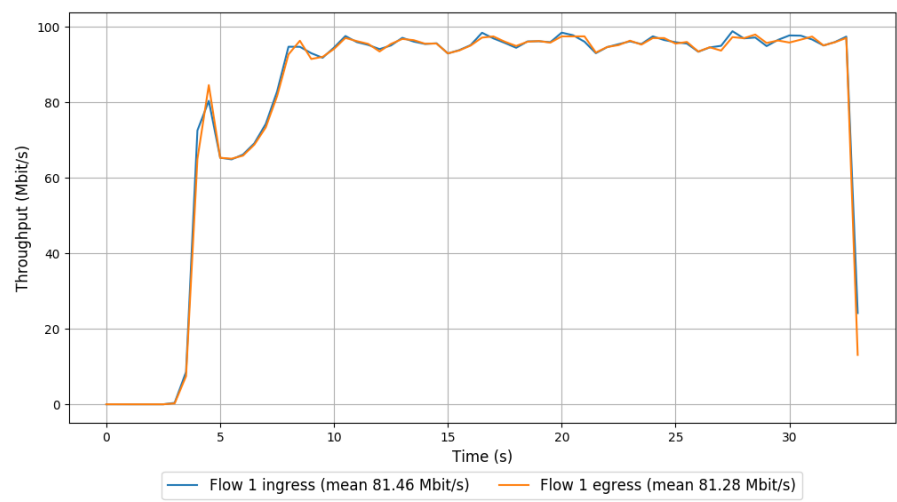
-- Flow 1:

Average throughput: 81.28 Mbit/s

95th percentile per-packet one-way delay: 41.860 ms

Loss rate: 0.45%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic (toy)

Start at: Wed, 14 Jun 2017 07:55:56 +0000

End at: Wed, 14 Jun 2017 07:56:26 +0000

Local clock offset: 0.231 ms

Remote clock offset: -8.642 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:58:23 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 14.56 Mbit/s

95th percentile per-packet one-way delay: 48.659 ms

Loss rate: 0.00%

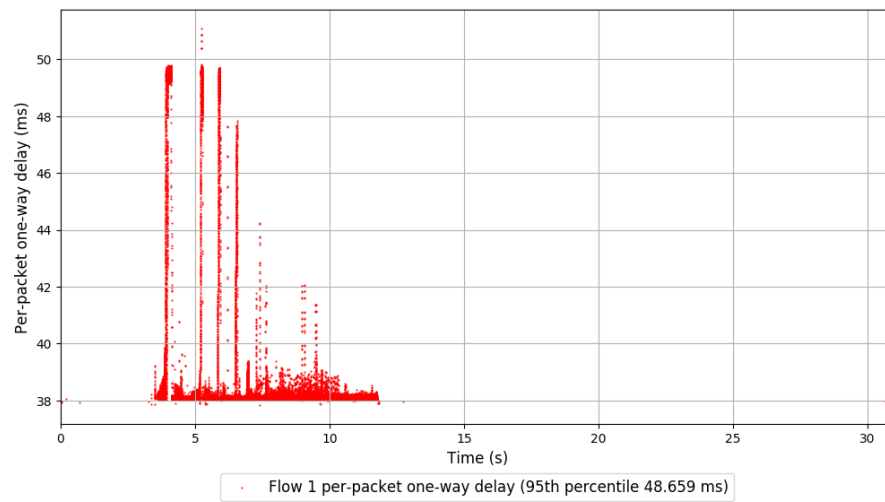
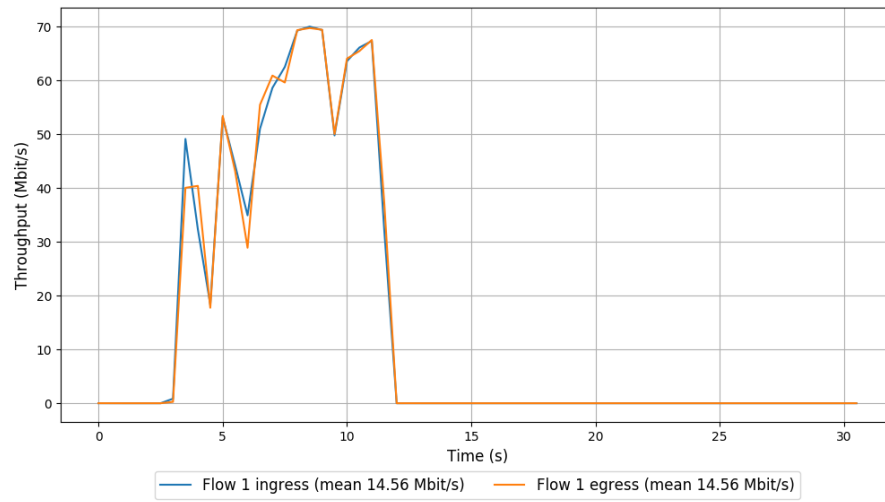
-- Flow 1:

Average throughput: 14.56 Mbit/s

95th percentile per-packet one-way delay: 48.659 ms

Loss rate: 0.00%

Run 1: Report of QUIC Cubic (toy) — Data Link



Run 2: Statistics of QUIC Cubic (toy)

Start at: Wed, 14 Jun 2017 08:15:41 +0000

End at: Wed, 14 Jun 2017 08:16:11 +0000

Local clock offset: -0.254 ms

Remote clock offset: -11.43 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:58:24 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 17.29 Mbit/s

95th percentile per-packet one-way delay: 49.894 ms

Loss rate: 0.00%

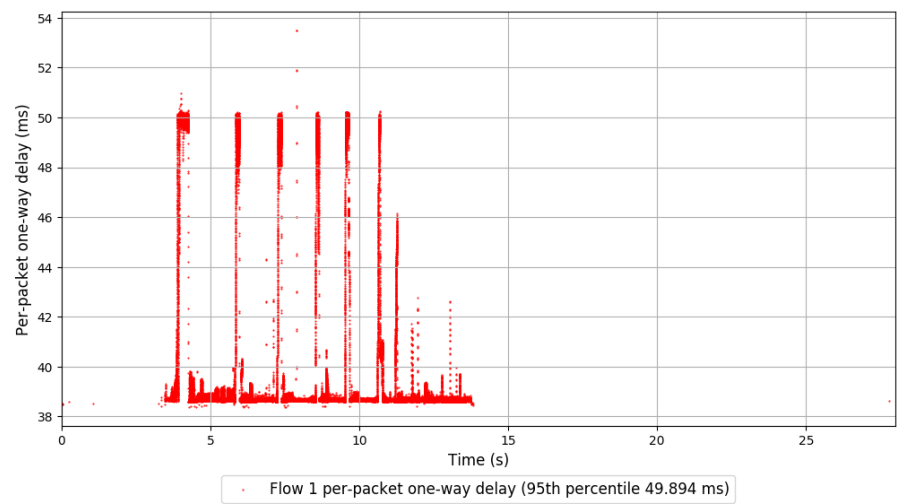
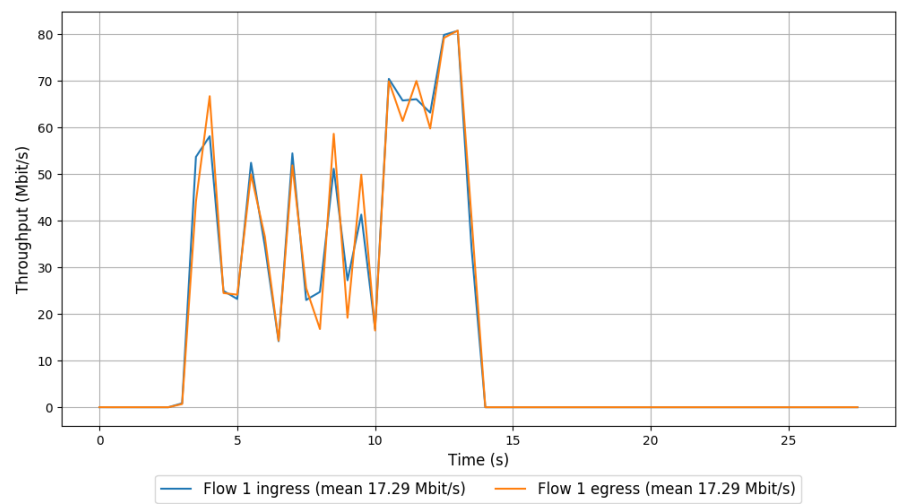
-- Flow 1:

Average throughput: 17.29 Mbit/s

95th percentile per-packet one-way delay: 49.894 ms

Loss rate: 0.00%

Run 2: Report of QUIC Cubic (toy) — Data Link



Run 3: Statistics of QUIC Cubic (toy)

Start at: Wed, 14 Jun 2017 08:35:42 +0000

End at: Wed, 14 Jun 2017 08:36:12 +0000

Local clock offset: -1.295 ms

Remote clock offset: -3.599 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:58:27 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 18.20 Mbit/s

95th percentile per-packet one-way delay: 50.577 ms

Loss rate: 0.55%

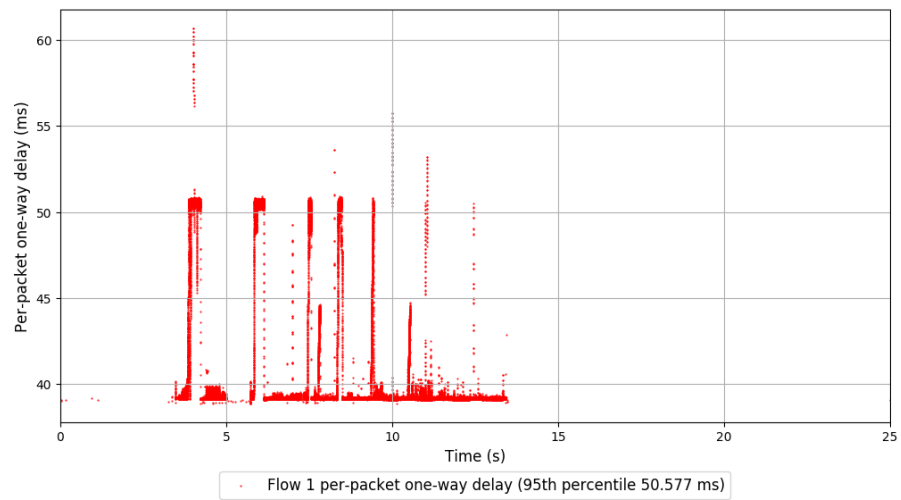
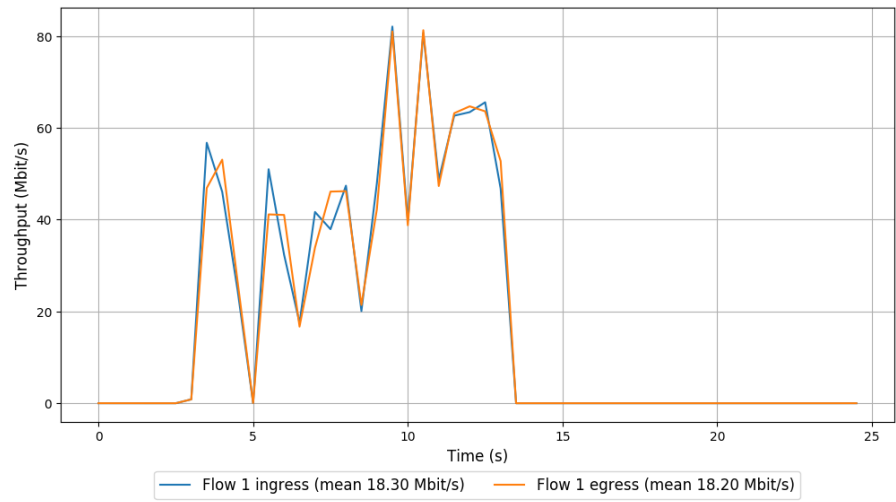
-- Flow 1:

Average throughput: 18.20 Mbit/s

95th percentile per-packet one-way delay: 50.577 ms

Loss rate: 0.55%

Run 3: Report of QUIC Cubic (toy) — Data Link



Run 4: Statistics of QUIC Cubic (toy)

Start at: Wed, 14 Jun 2017 08:55:23 +0000

End at: Wed, 14 Jun 2017 08:55:53 +0000

Local clock offset: -1.41 ms

Remote clock offset: -1.1 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:58:27 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 14.05 Mbit/s

95th percentile per-packet one-way delay: 49.929 ms

Loss rate: 0.04%

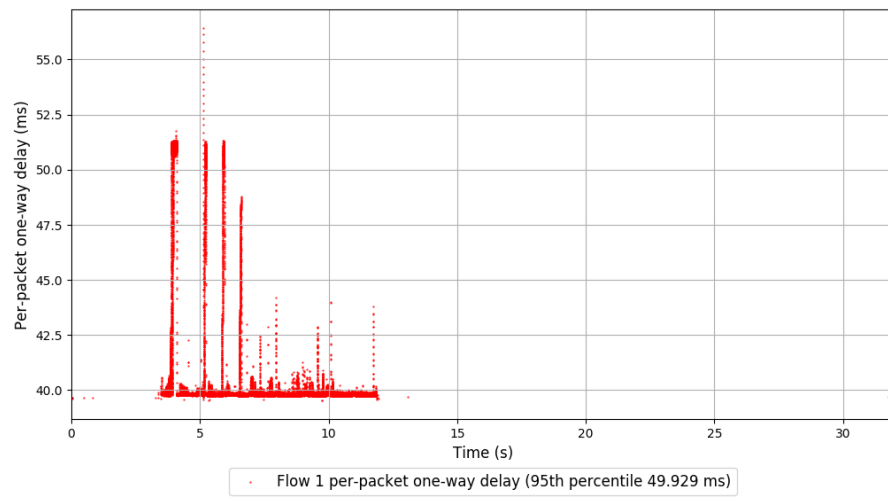
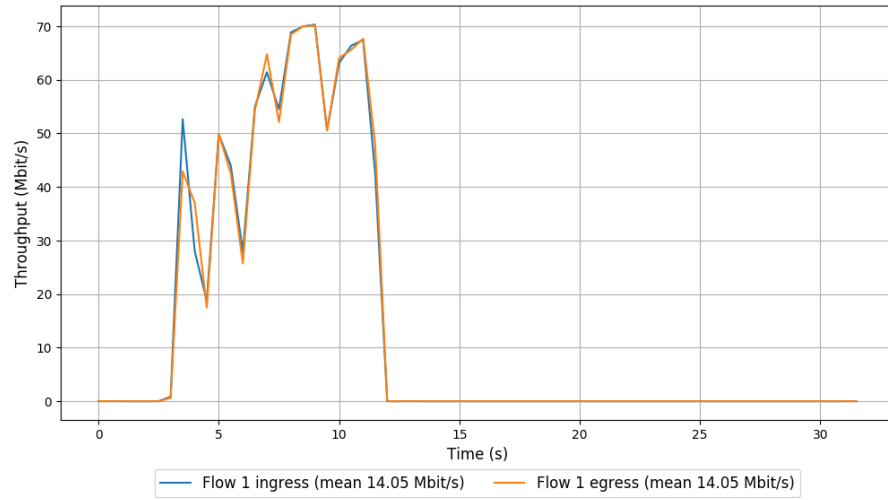
-- Flow 1:

Average throughput: 14.05 Mbit/s

95th percentile per-packet one-way delay: 49.929 ms

Loss rate: 0.04%

Run 4: Report of QUIC Cubic (toy) — Data Link



Run 5: Statistics of QUIC Cubic (toy)

Start at: Wed, 14 Jun 2017 09:15:01 +0000

End at: Wed, 14 Jun 2017 09:15:31 +0000

Local clock offset: -1.185 ms

Remote clock offset: -1.564 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:58:30 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 16.59 Mbit/s

95th percentile per-packet one-way delay: 50.726 ms

Loss rate: 0.07%

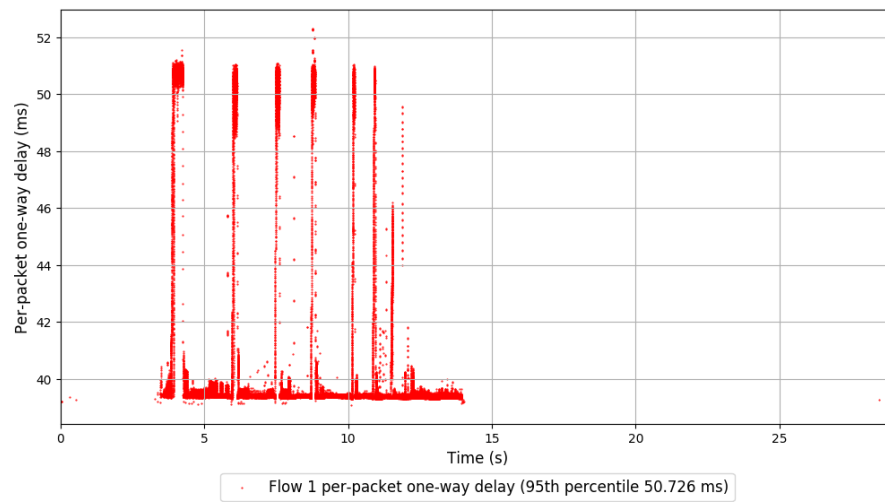
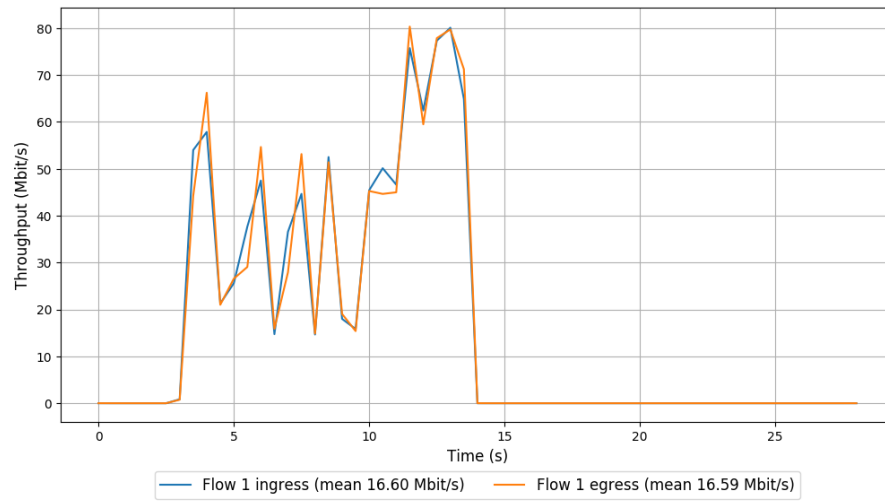
-- Flow 1:

Average throughput: 16.59 Mbit/s

95th percentile per-packet one-way delay: 50.726 ms

Loss rate: 0.07%

Run 5: Report of QUIC Cubic (toy) — Data Link



Run 6: Statistics of QUIC Cubic (toy)

Start at: Wed, 14 Jun 2017 09:34:32 +0000

End at: Wed, 14 Jun 2017 09:35:02 +0000

Local clock offset: -0.984 ms

Remote clock offset: -0.294 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:58:30 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 15.54 Mbit/s

95th percentile per-packet one-way delay: 47.852 ms

Loss rate: 0.20%

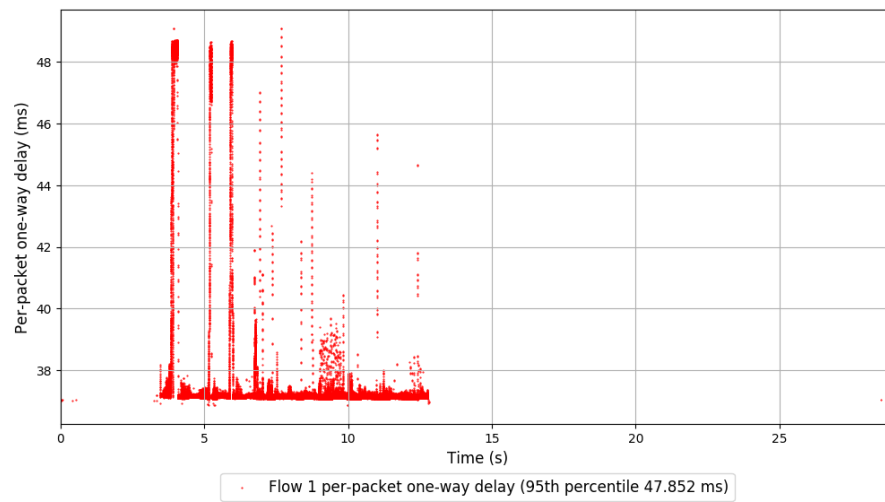
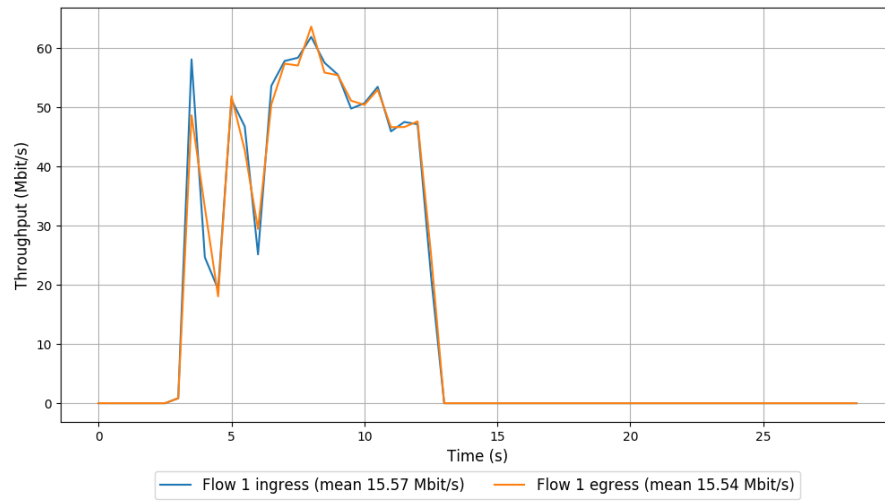
-- Flow 1:

Average throughput: 15.54 Mbit/s

95th percentile per-packet one-way delay: 47.852 ms

Loss rate: 0.20%

Run 6: Report of QUIC Cubic (toy) — Data Link



Run 7: Statistics of QUIC Cubic (toy)

Start at: Wed, 14 Jun 2017 09:54:16 +0000

End at: Wed, 14 Jun 2017 09:54:46 +0000

Local clock offset: -0.574 ms

Remote clock offset: -3.356 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:58:32 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 14.51 Mbit/s

95th percentile per-packet one-way delay: 47.030 ms

Loss rate: 0.43%

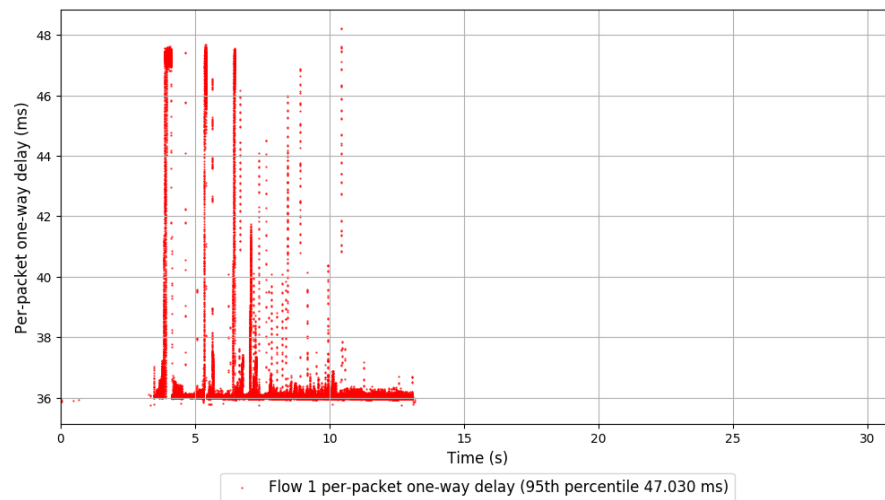
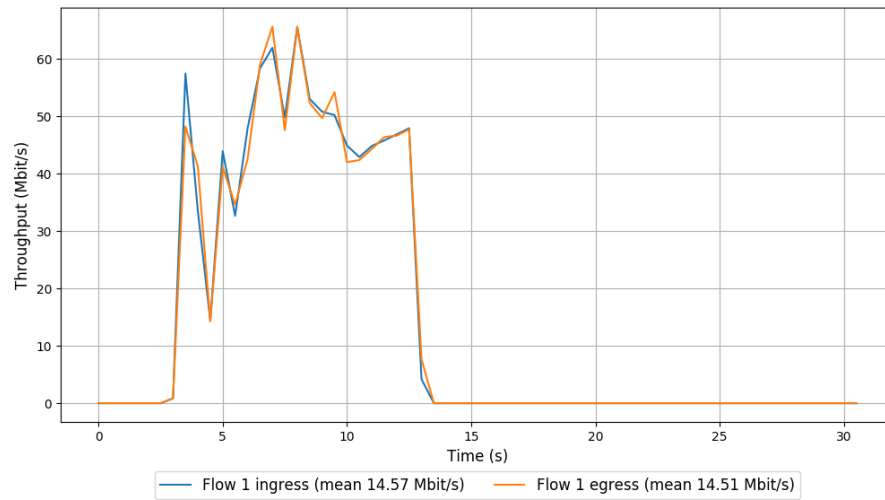
-- Flow 1:

Average throughput: 14.51 Mbit/s

95th percentile per-packet one-way delay: 47.030 ms

Loss rate: 0.43%

Run 7: Report of QUIC Cubic (toy) — Data Link



Run 8: Statistics of QUIC Cubic (toy)

Start at: Wed, 14 Jun 2017 10:14:02 +0000

End at: Wed, 14 Jun 2017 10:14:32 +0000

Local clock offset: -0.153 ms

Remote clock offset: -2.931 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:58:33 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 16.05 Mbit/s

95th percentile per-packet one-way delay: 45.927 ms

Loss rate: 0.00%

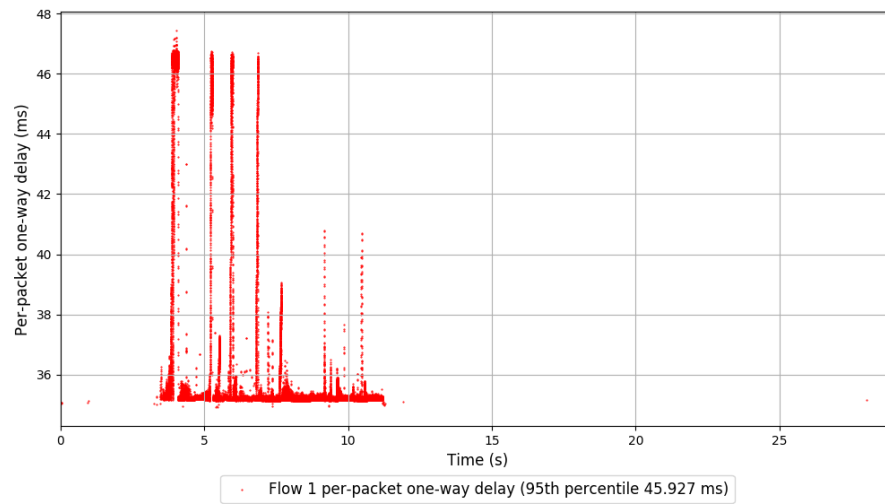
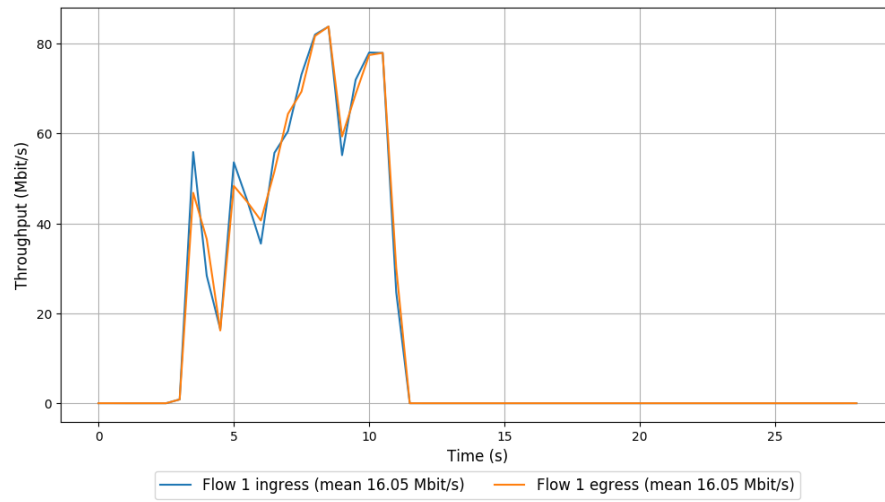
-- Flow 1:

Average throughput: 16.05 Mbit/s

95th percentile per-packet one-way delay: 45.927 ms

Loss rate: 0.00%

Run 8: Report of QUIC Cubic (toy) — Data Link



Run 9: Statistics of QUIC Cubic (toy)

Start at: Wed, 14 Jun 2017 10:33:44 +0000

End at: Wed, 14 Jun 2017 10:34:14 +0000

Local clock offset: 0.482 ms

Remote clock offset: -3.452 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:58:35 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 16.37 Mbit/s

95th percentile per-packet one-way delay: 36.582 ms

Loss rate: 0.50%

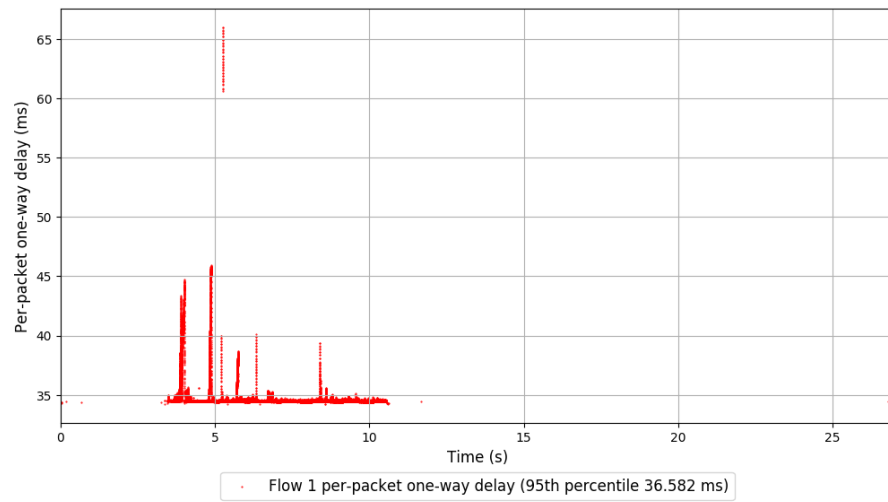
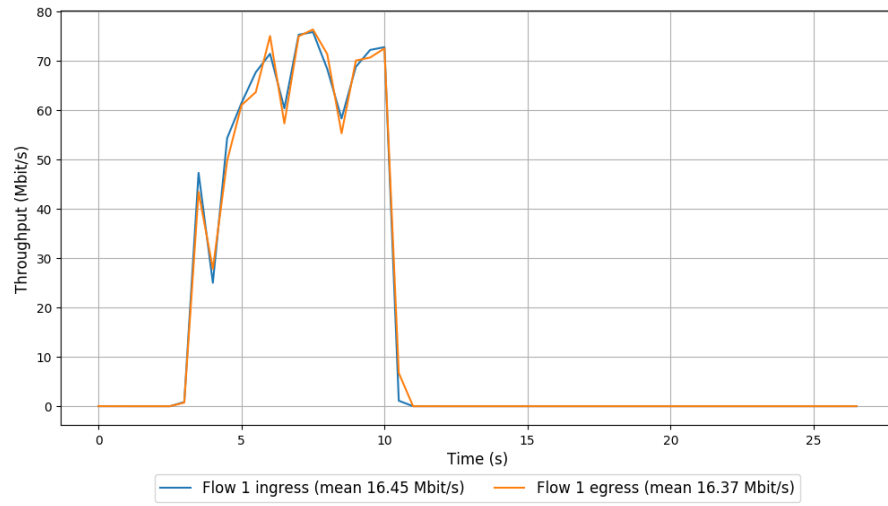
-- Flow 1:

Average throughput: 16.37 Mbit/s

95th percentile per-packet one-way delay: 36.582 ms

Loss rate: 0.50%

Run 9: Report of QUIC Cubic (toy) — Data Link



Run 10: Statistics of QUIC Cubic (toy)

Start at: Wed, 14 Jun 2017 10:53:27 +0000

End at: Wed, 14 Jun 2017 10:53:57 +0000

Local clock offset: 0.546 ms

Remote clock offset: -5.549 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:58:36 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 17.27 Mbit/s

95th percentile per-packet one-way delay: 45.907 ms

Loss rate: 0.08%

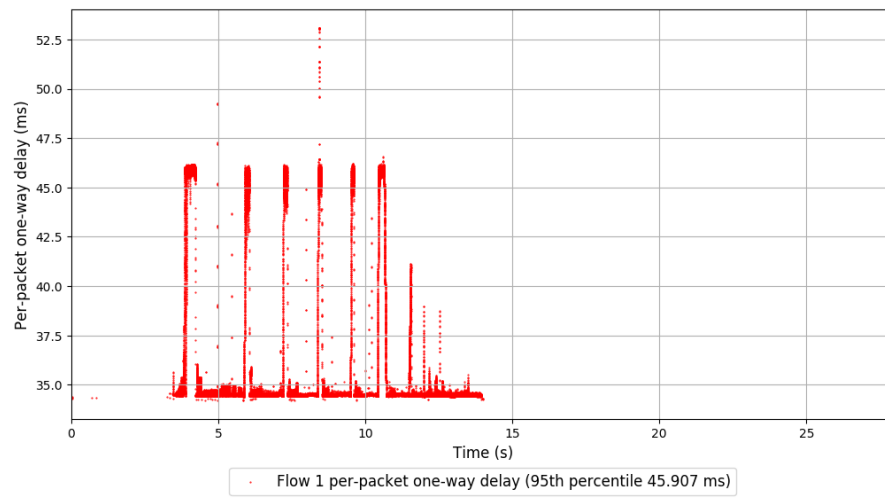
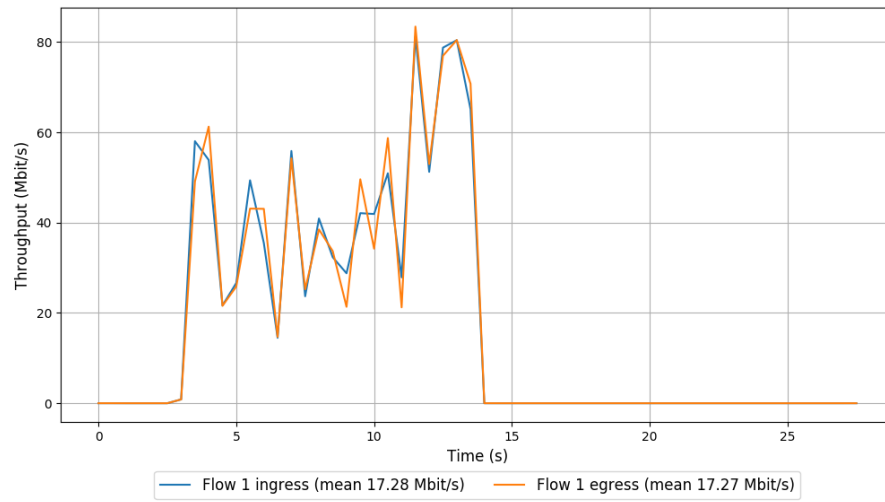
-- Flow 1:

Average throughput: 17.27 Mbit/s

95th percentile per-packet one-way delay: 45.907 ms

Loss rate: 0.08%

Run 10: Report of QUIC Cubic (toy) — Data Link



Run 1: Statistics of Saturator

Start at: Wed, 14 Jun 2017 08:05:11 +0000

End at: Wed, 14 Jun 2017 08:05:41 +0000

Local clock offset: 0.362 ms

Remote clock offset: -8.611 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:58:42 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.70 Mbit/s

95th percentile per-packet one-way delay: 36.858 ms

Loss rate: 0.34%

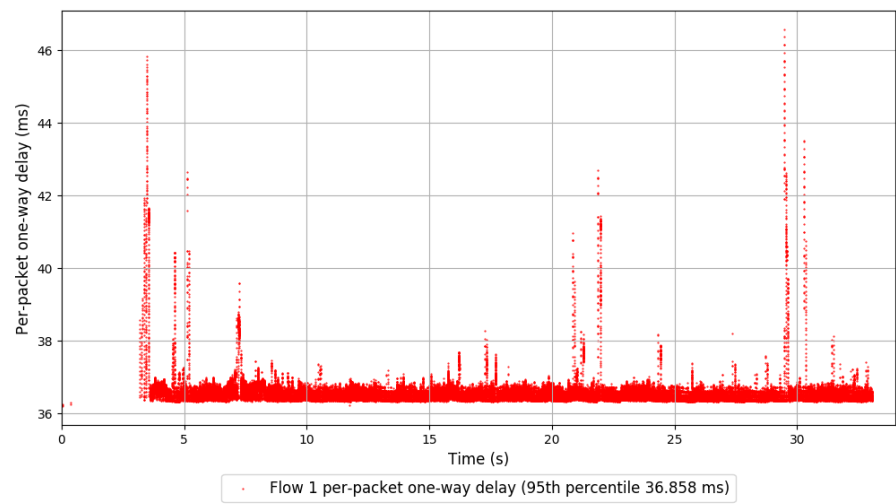
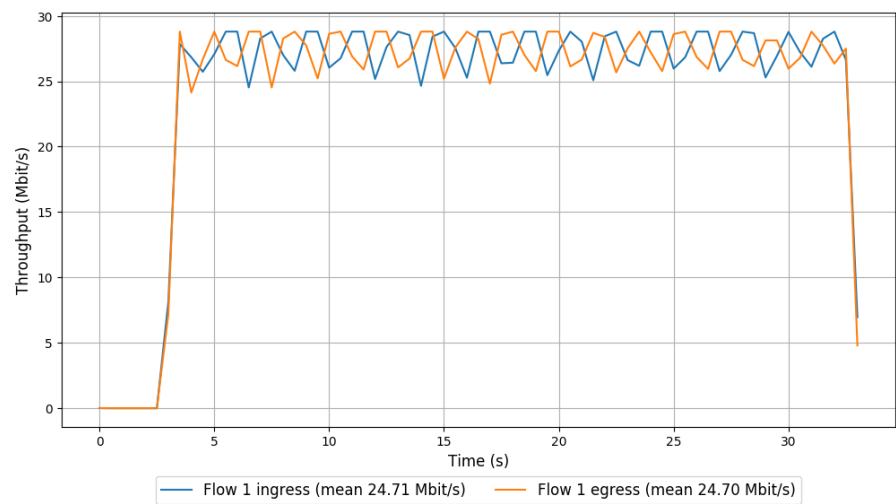
-- Flow 1:

Average throughput: 24.70 Mbit/s

95th percentile per-packet one-way delay: 36.858 ms

Loss rate: 0.34%

Run 1: Report of Saturator — Data Link



Run 2: Statistics of Saturator

Start at: Wed, 14 Jun 2017 08:24:48 +0000

End at: Wed, 14 Jun 2017 08:25:18 +0000

Local clock offset: -0.693 ms

Remote clock offset: -9.31 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:58:42 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.01 Mbit/s

95th percentile per-packet one-way delay: 3413.952 ms

Loss rate: 0.00%

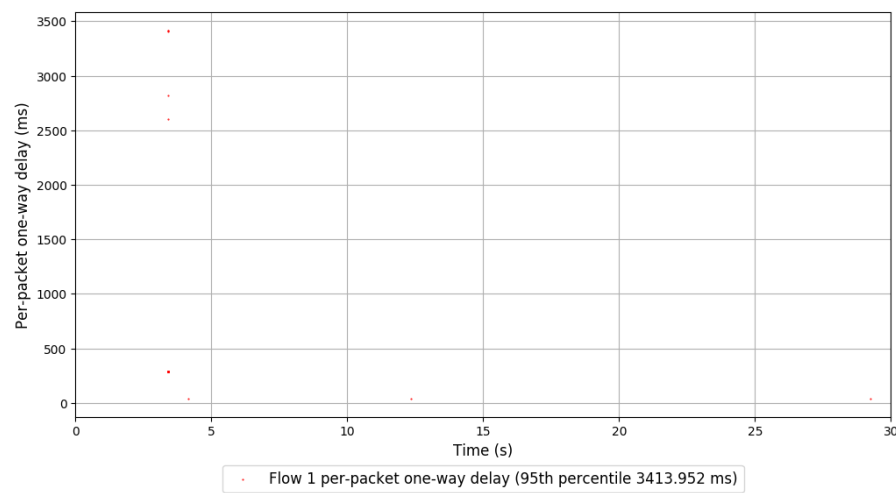
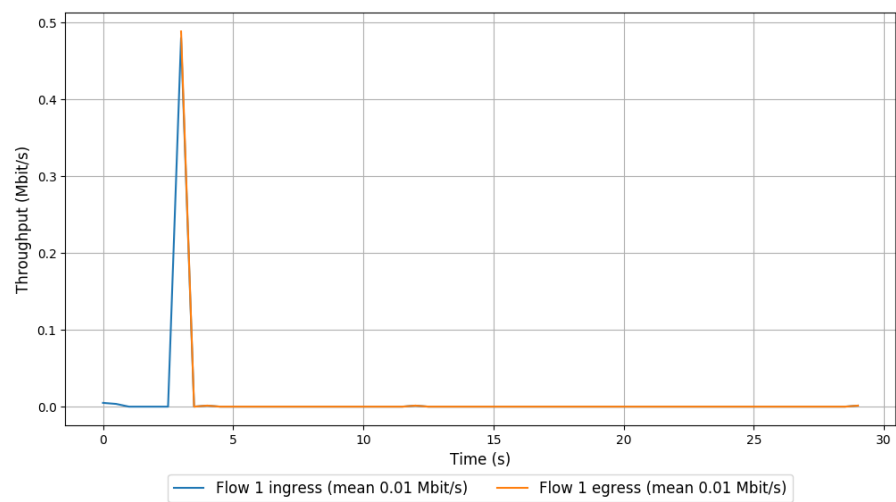
-- Flow 1:

Average throughput: 0.01 Mbit/s

95th percentile per-packet one-way delay: 3413.952 ms

Loss rate: 0.00%

Run 2: Report of Saturator — Data Link



Run 3: Statistics of Saturator

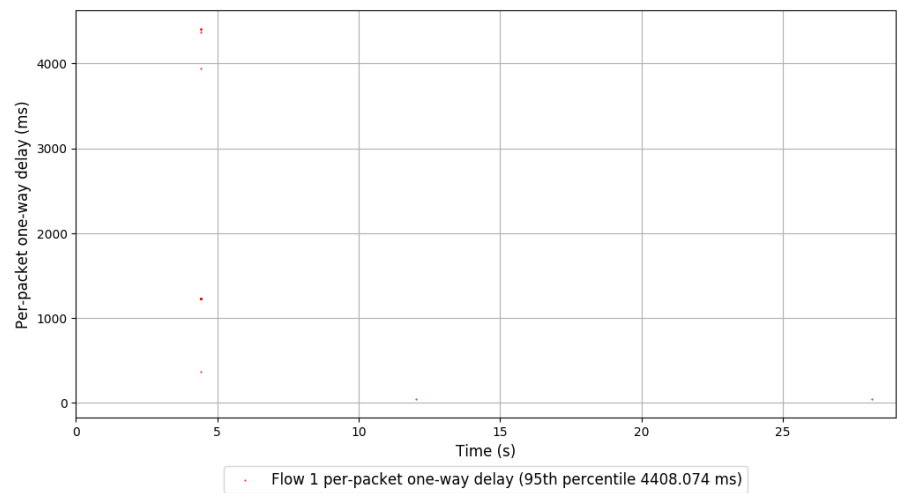
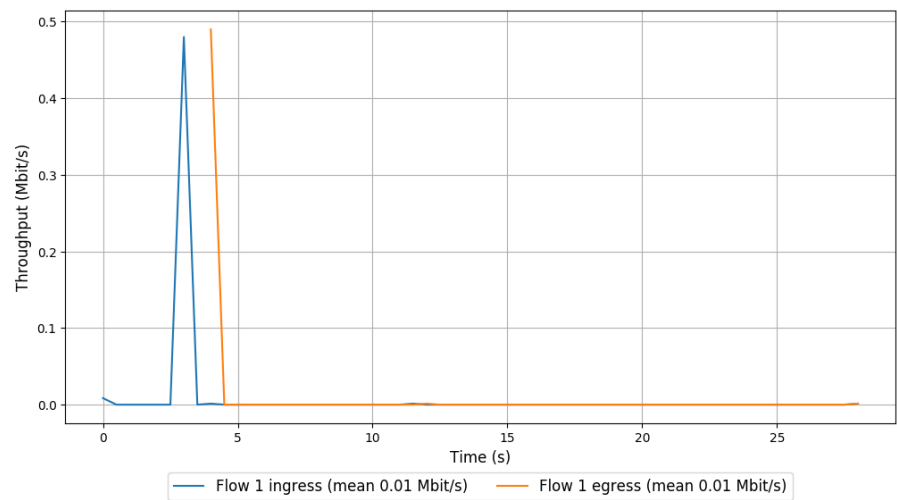
Start at: Wed, 14 Jun 2017 08:44:56 +0000

End at: Wed, 14 Jun 2017 08:45:26 +0000

Local clock offset: -1.538 ms

Remote clock offset: -1.586 ms

Run 3: Report of Saturator — Data Link



Run 4: Statistics of Saturator

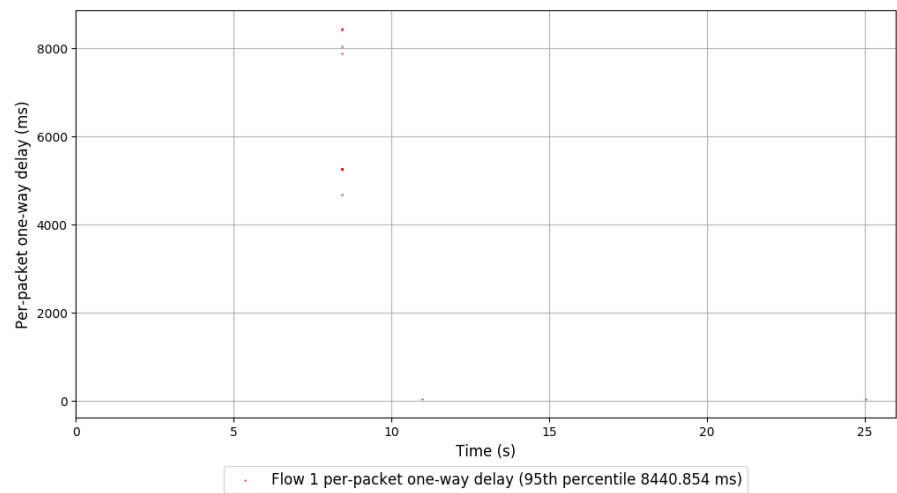
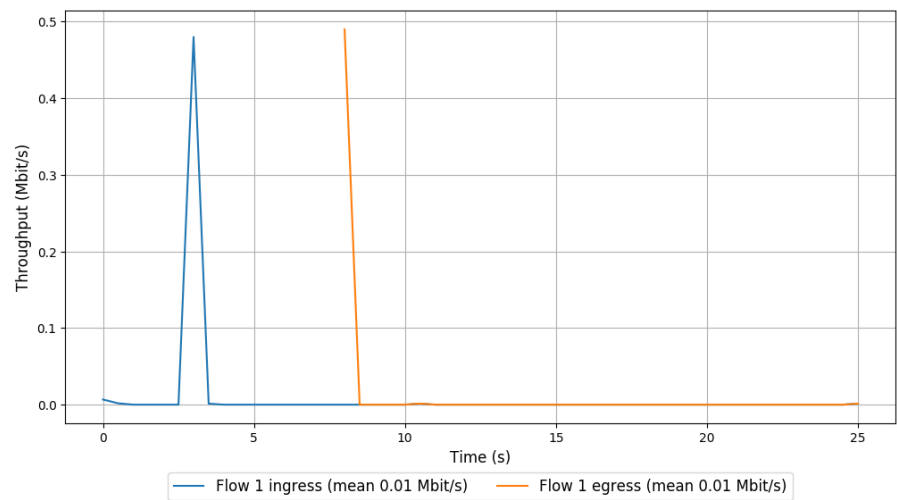
Start at: Wed, 14 Jun 2017 09:04:36 +0000

End at: Wed, 14 Jun 2017 09:05:06 +0000

Local clock offset: -1.249 ms

Remote clock offset: -3.804 ms

Run 4: Report of Saturator — Data Link



Run 5: Statistics of Saturator

Start at: Wed, 14 Jun 2017 09:24:06 +0000

End at: Wed, 14 Jun 2017 09:24:36 +0000

Local clock offset: -1.115 ms

Remote clock offset: 0.383 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:58:42 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.01 Mbit/s

95th percentile per-packet one-way delay: 3824.865 ms

Loss rate: 0.00%

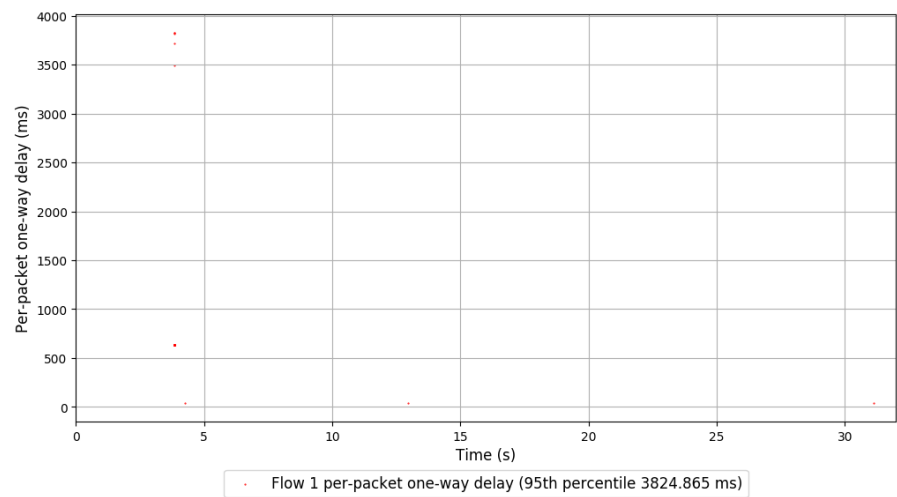
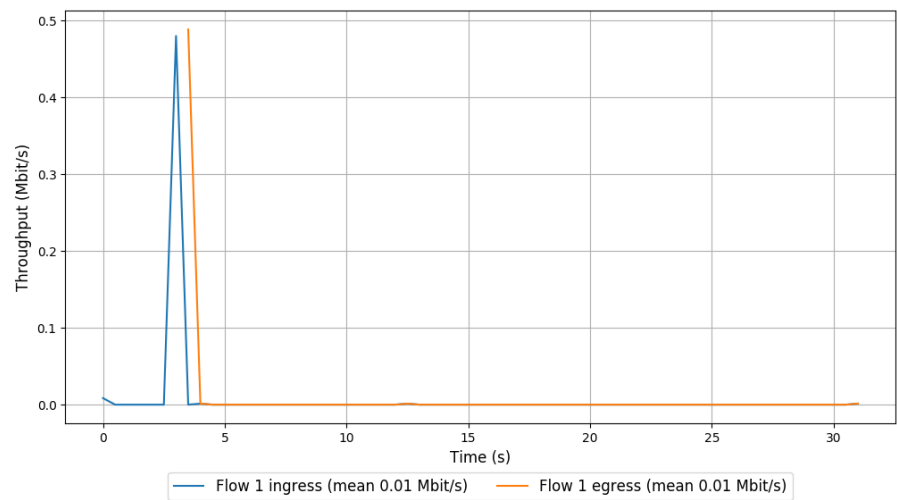
-- Flow 1:

Average throughput: 0.01 Mbit/s

95th percentile per-packet one-way delay: 3824.865 ms

Loss rate: 0.00%

Run 5: Report of Saturator — Data Link



Run 6: Statistics of Saturator

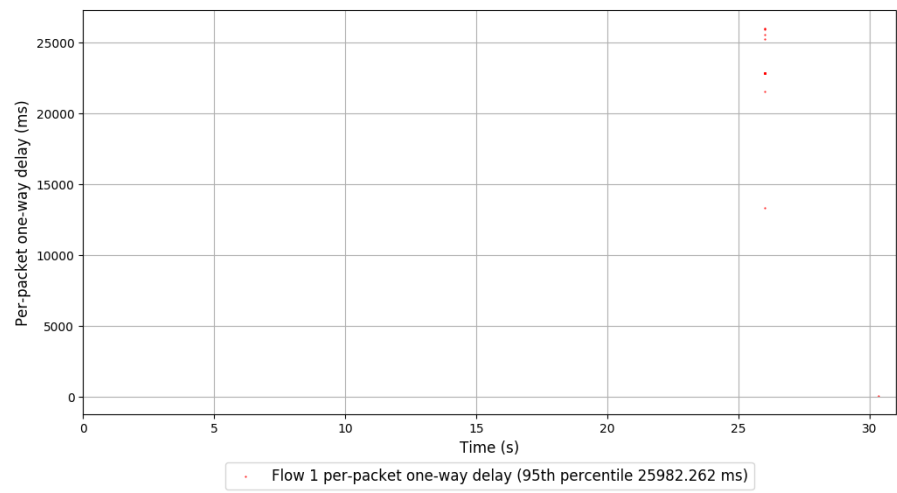
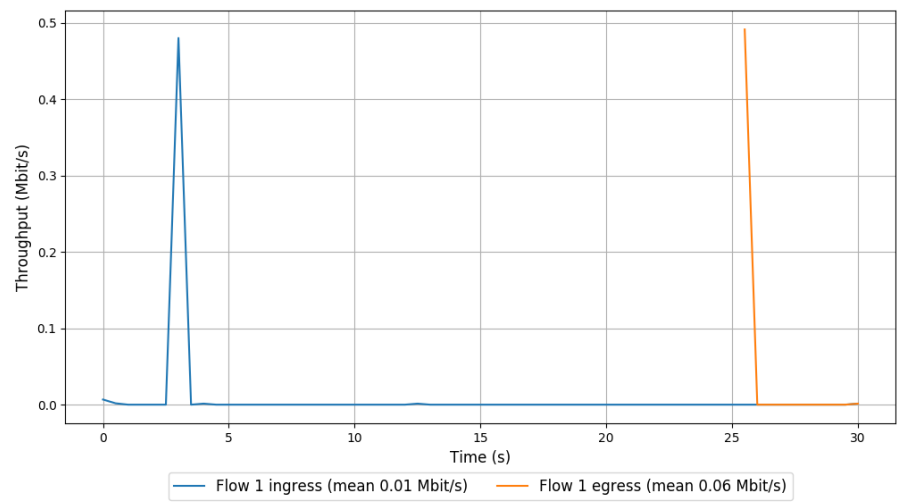
Start at: Wed, 14 Jun 2017 09:43:46 +0000

End at: Wed, 14 Jun 2017 09:44:16 +0000

Local clock offset: -0.72 ms

Remote clock offset: -0.284 ms

Run 6: Report of Saturator — Data Link



Run 7: Statistics of Saturator

Start at: Wed, 14 Jun 2017 10:03:32 +0000

End at: Wed, 14 Jun 2017 10:04:02 +0000

Local clock offset: -0.264 ms

Remote clock offset: -5.186 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:58:44 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.43 Mbit/s

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

Loss rate: 0.37%

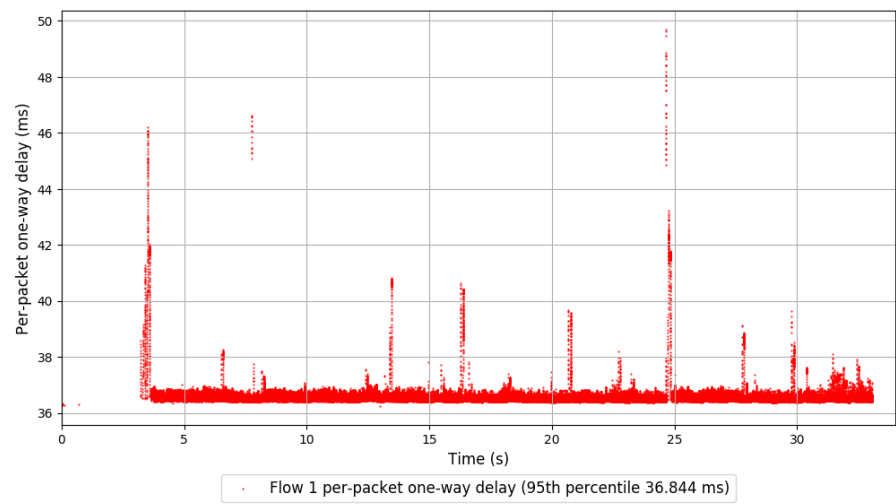
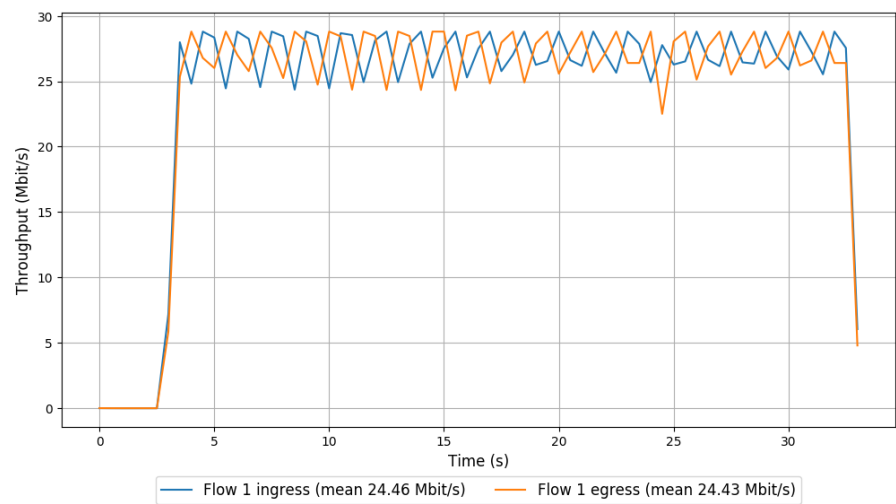
-- Flow 1:

Average throughput: 24.43 Mbit/s

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

Loss rate: 0.37%

Run 7: Report of Saturator — Data Link



Run 8: Statistics of Saturator

Start at: Wed, 14 Jun 2017 10:23:16 +0000

End at: Wed, 14 Jun 2017 10:23:46 +0000

Local clock offset: 0.204 ms

Remote clock offset: -2.909 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:58:46 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.55 Mbit/s

95th percentile per-packet one-way delay: 35.356 ms

Loss rate: 0.67%

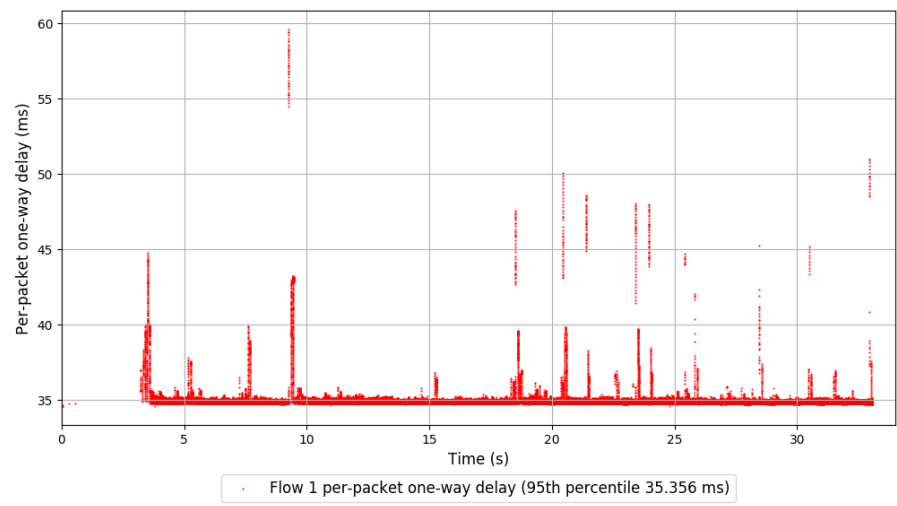
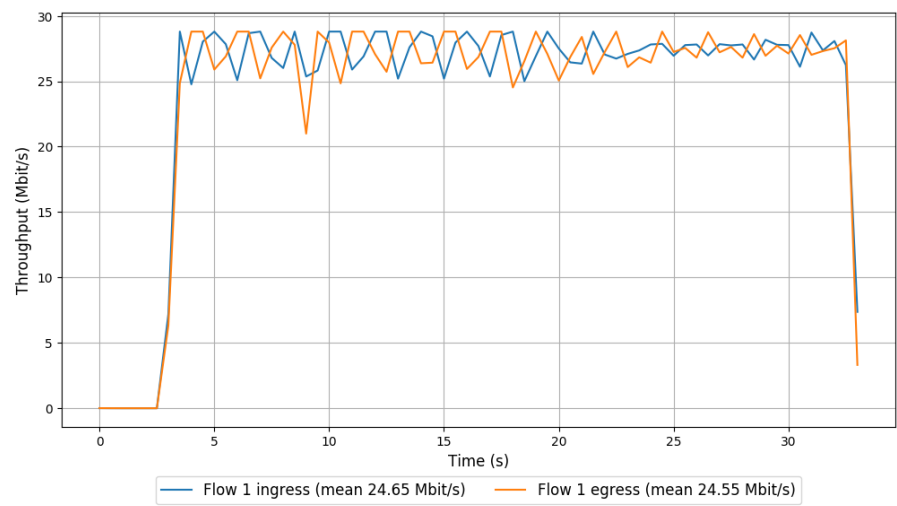
-- Flow 1:

Average throughput: 24.55 Mbit/s

95th percentile per-packet one-way delay: 35.356 ms

Loss rate: 0.67%

Run 8: Report of Saturator — Data Link



Run 9: Statistics of Saturator

Start at: Wed, 14 Jun 2017 10:42:56 +0000

End at: Wed, 14 Jun 2017 10:43:26 +0000

Local clock offset: 0.784 ms

Remote clock offset: -3.409 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:58:48 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.33 Mbit/s

95th percentile per-packet one-way delay: 36.244 ms

Loss rate: 0.30%

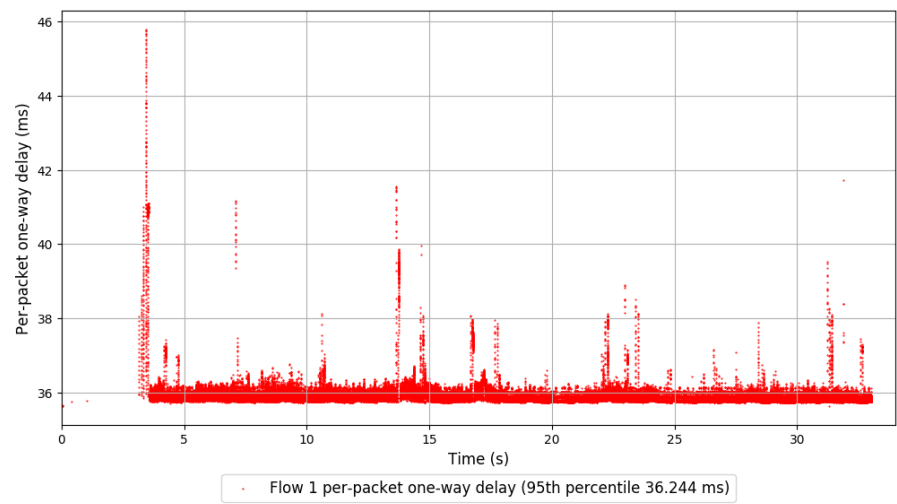
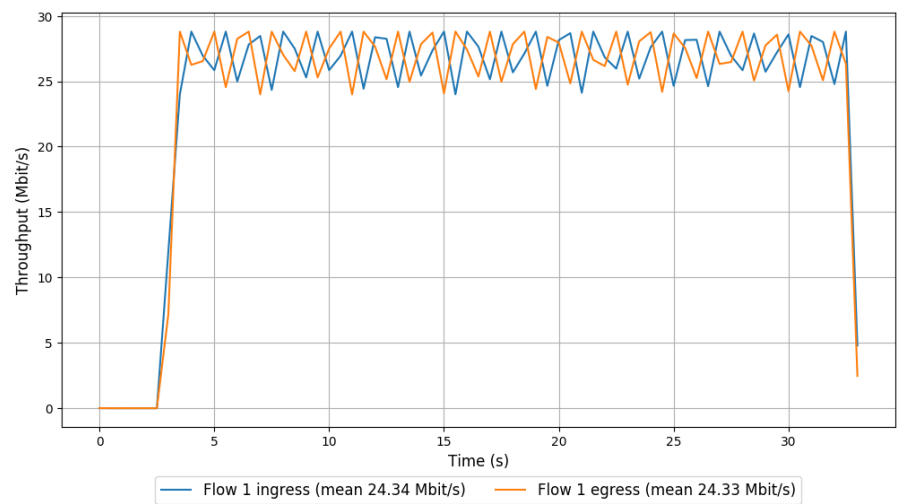
-- Flow 1:

Average throughput: 24.33 Mbit/s

95th percentile per-packet one-way delay: 36.244 ms

Loss rate: 0.30%

Run 9: Report of Saturator — Data Link



Run 10: Statistics of Saturator

Start at: Wed, 14 Jun 2017 11:02:42 +0000

End at: Wed, 14 Jun 2017 11:03:12 +0000

Local clock offset: 0.177 ms

Remote clock offset: -5.958 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:58:55 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.45 Mbit/s

95th percentile per-packet one-way delay: 36.313 ms

Loss rate: 0.37%

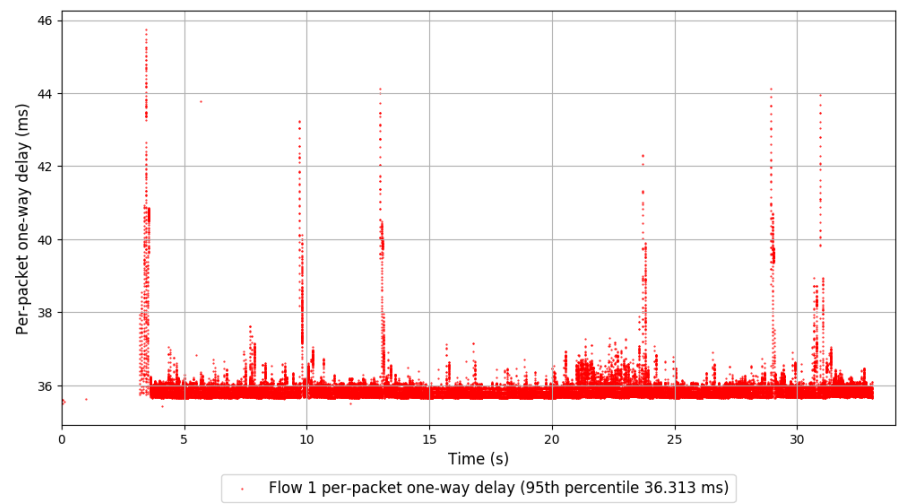
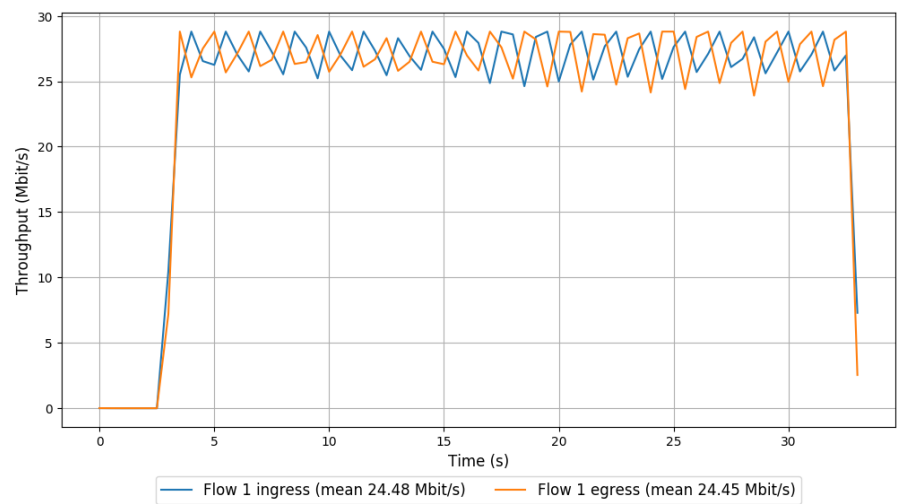
-- Flow 1:

Average throughput: 24.45 Mbit/s

95th percentile per-packet one-way delay: 36.313 ms

Loss rate: 0.37%

Run 10: Report of Saturator — Data Link



Run 1: Statistics of SCReAM

Start at: Wed, 14 Jun 2017 07:49:26 +0000

End at: Wed, 14 Jun 2017 07:49:56 +0000

Local clock offset: 0.037 ms

Remote clock offset: -11.227 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:58:55 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 36.699 ms

Loss rate: 0.38%

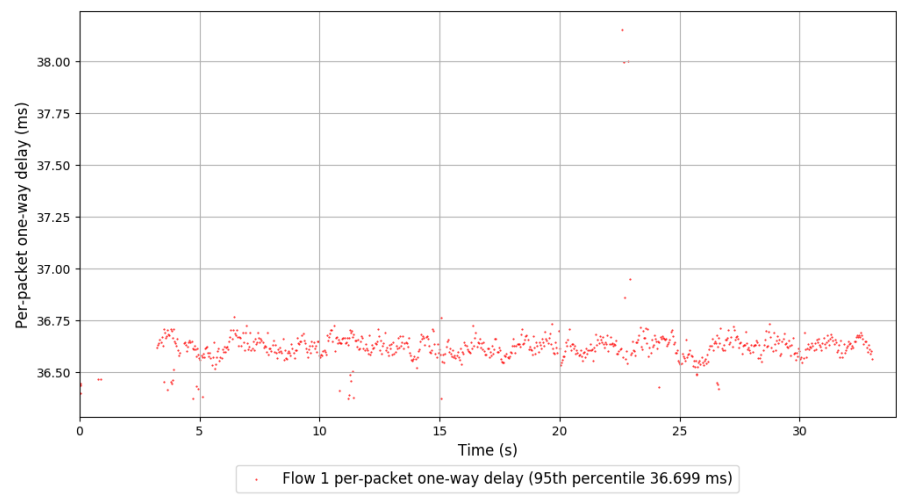
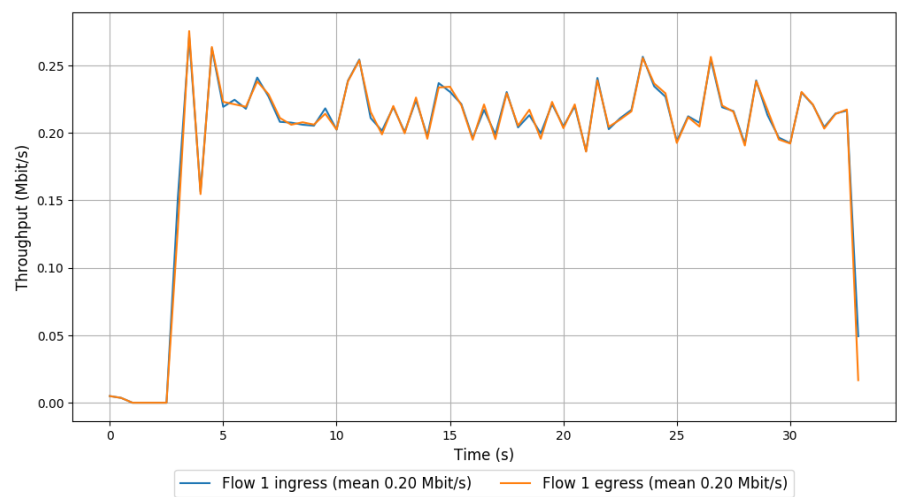
-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 36.699 ms

Loss rate: 0.38%

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

Start at: Wed, 14 Jun 2017 08:09:11 +0000

End at: Wed, 14 Jun 2017 08:09:41 +0000

Local clock offset: 0.241 ms

Remote clock offset: -11.09 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:58:55 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 38.437 ms

Loss rate: 0.26%

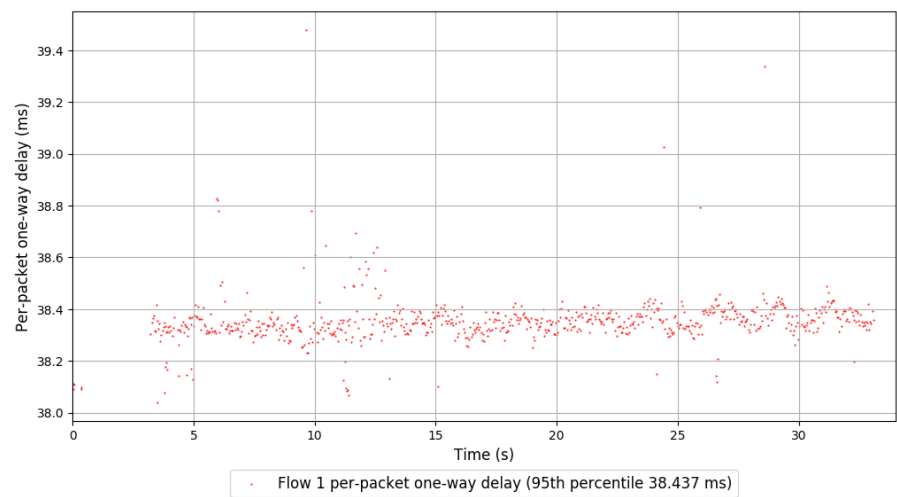
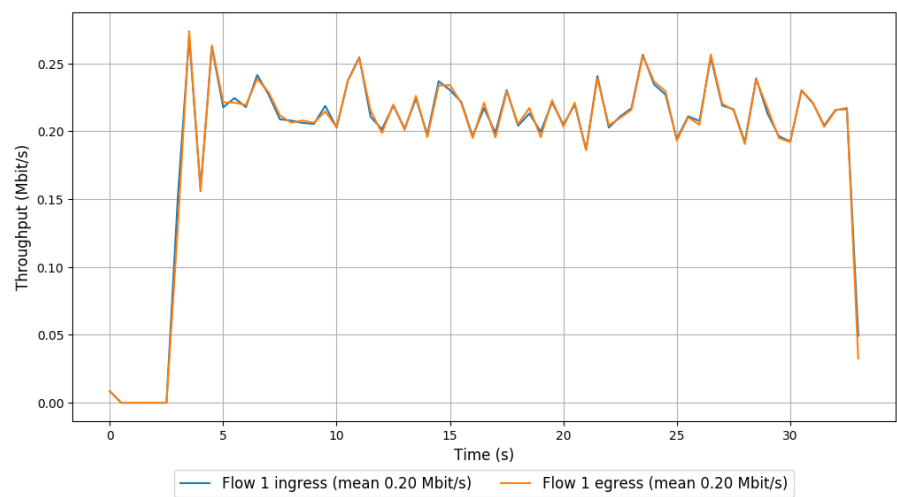
-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 38.437 ms

Loss rate: 0.26%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SCReAM

Start at: Wed, 14 Jun 2017 08:28:46 +0000

End at: Wed, 14 Jun 2017 08:29:16 +0000

Local clock offset: -0.98 ms

Remote clock offset: -8.543 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:58:55 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.19 Mbit/s

95th percentile per-packet one-way delay: 38.058 ms

Loss rate: 1.70%

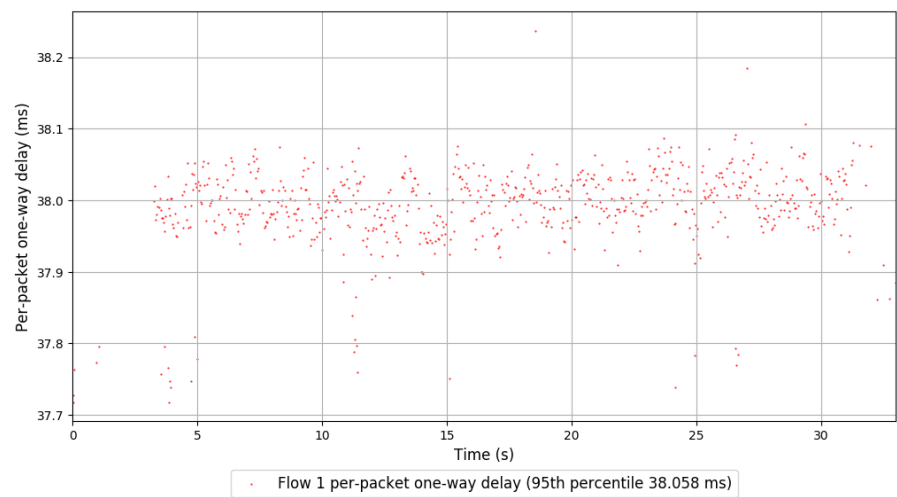
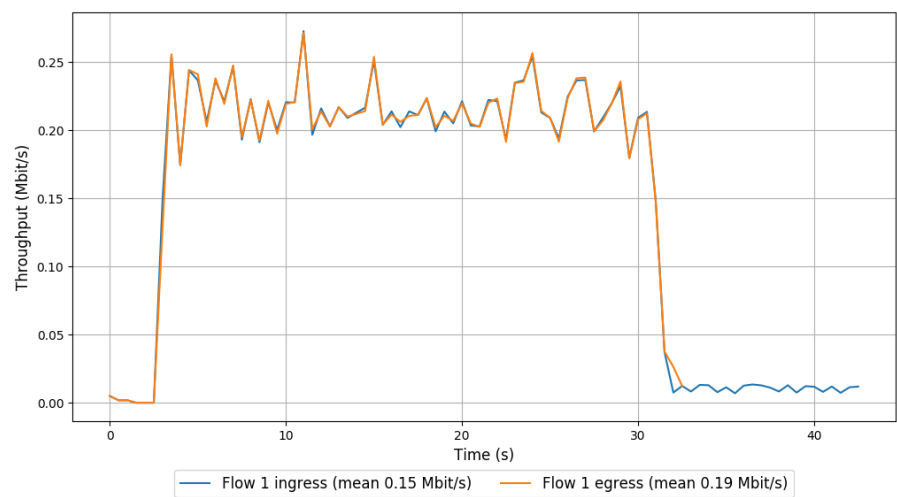
-- Flow 1:

Average throughput: 0.19 Mbit/s

95th percentile per-packet one-way delay: 38.058 ms

Loss rate: 1.70%

Run 3: Report of SReAM — Data Link



Run 4: Statistics of SCReAM

Start at: Wed, 14 Jun 2017 08:48:55 +0000

End at: Wed, 14 Jun 2017 08:49:25 +0000

Local clock offset: -1.409 ms

Remote clock offset: -3.504 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:58:55 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.15 Mbit/s

95th percentile per-packet one-way delay: 39.478 ms

Loss rate: 0.41%

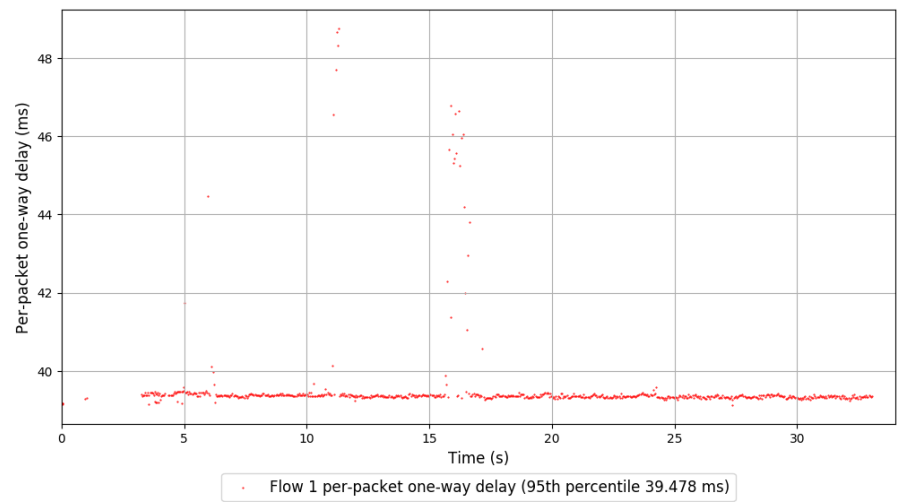
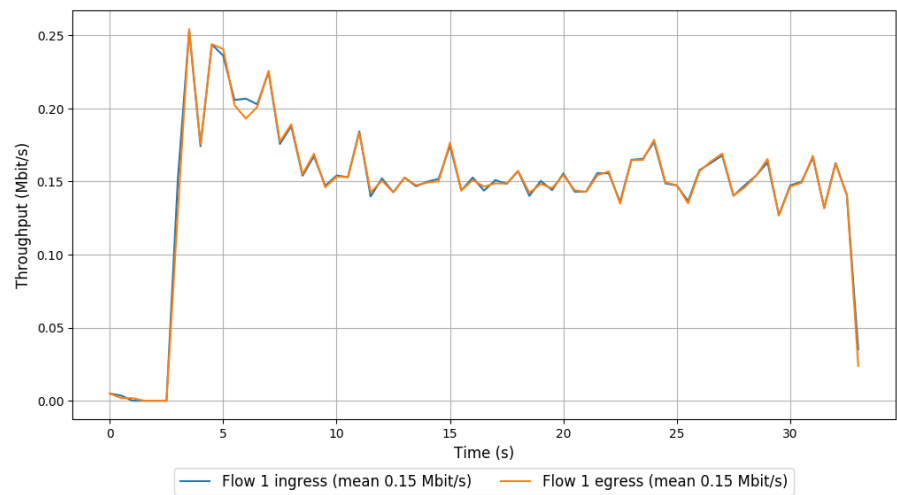
-- Flow 1:

Average throughput: 0.15 Mbit/s

95th percentile per-packet one-way delay: 39.478 ms

Loss rate: 0.41%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

Start at: Wed, 14 Jun 2017 09:08:33 +0000

End at: Wed, 14 Jun 2017 09:09:03 +0000

Local clock offset: -1.168 ms

Remote clock offset: -3.784 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:58:55 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 39.669 ms

Loss rate: 0.25%

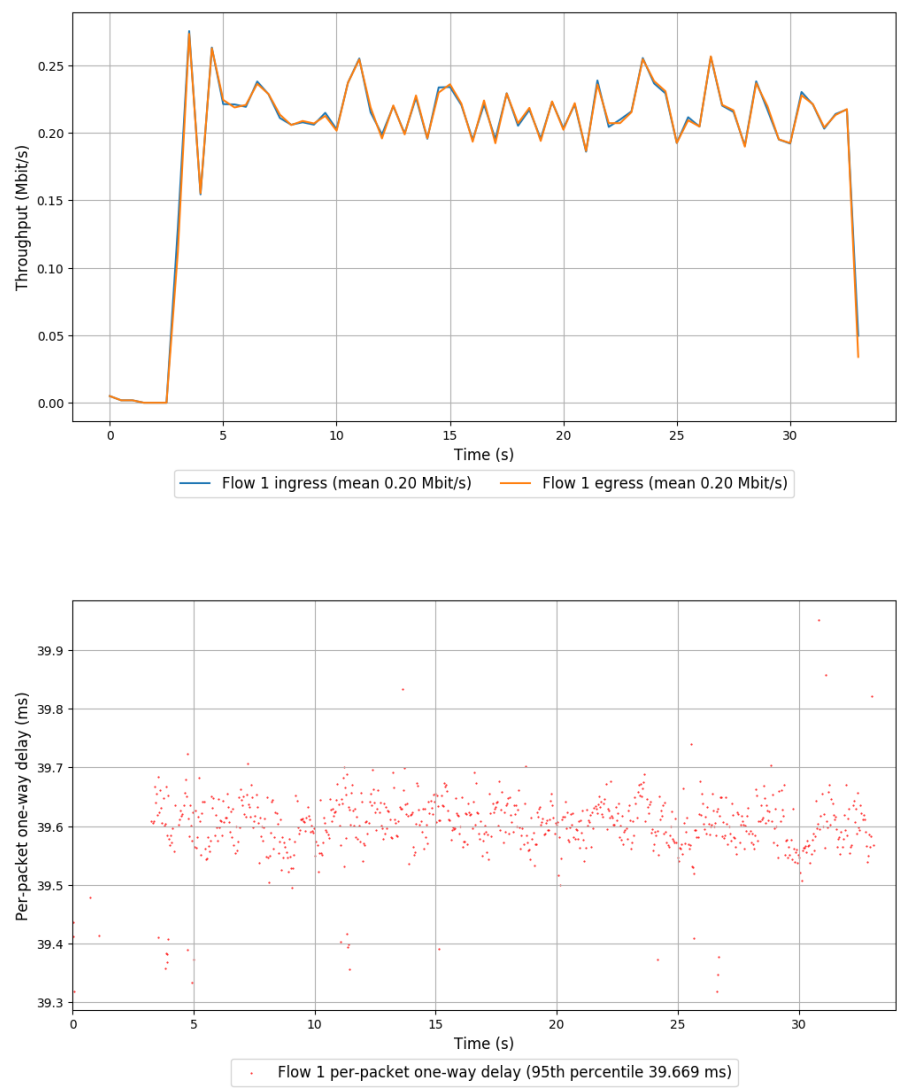
-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 39.669 ms

Loss rate: 0.25%

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SCReAM

Start at: Wed, 14 Jun 2017 09:28:04 +0000

End at: Wed, 14 Jun 2017 09:28:34 +0000

Local clock offset: -1.108 ms

Remote clock offset: 0.34 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:58:55 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 39.212 ms

Loss rate: 0.26%

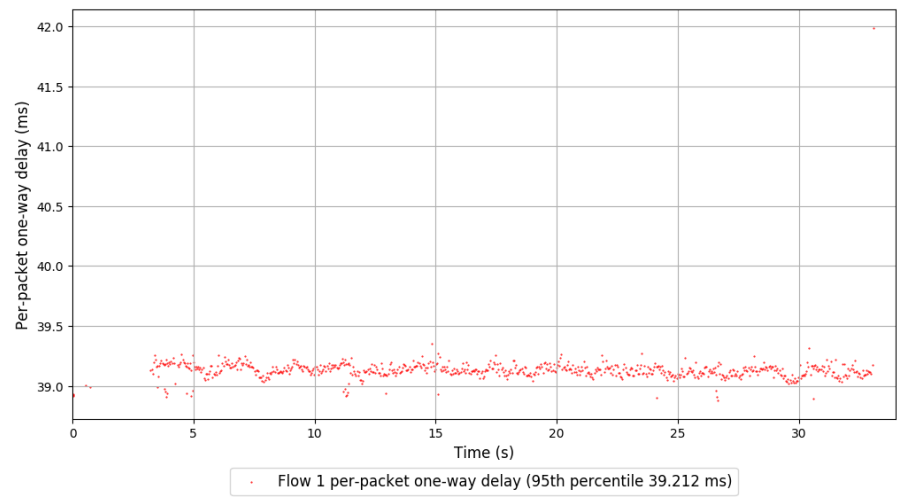
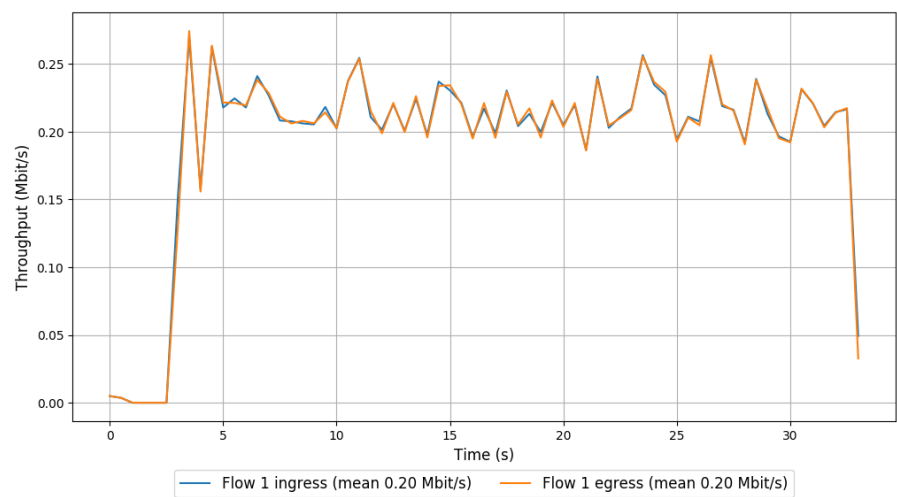
-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 39.212 ms

Loss rate: 0.26%

Run 6: Report of SReAM — Data Link



Run 7: Statistics of SCReAM

Start at: Wed, 14 Jun 2017 09:47:44 +0000

End at: Wed, 14 Jun 2017 09:48:14 +0000

Local clock offset: -0.733 ms

Remote clock offset: -2.197 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:58:55 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

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

Loss rate: 0.26%

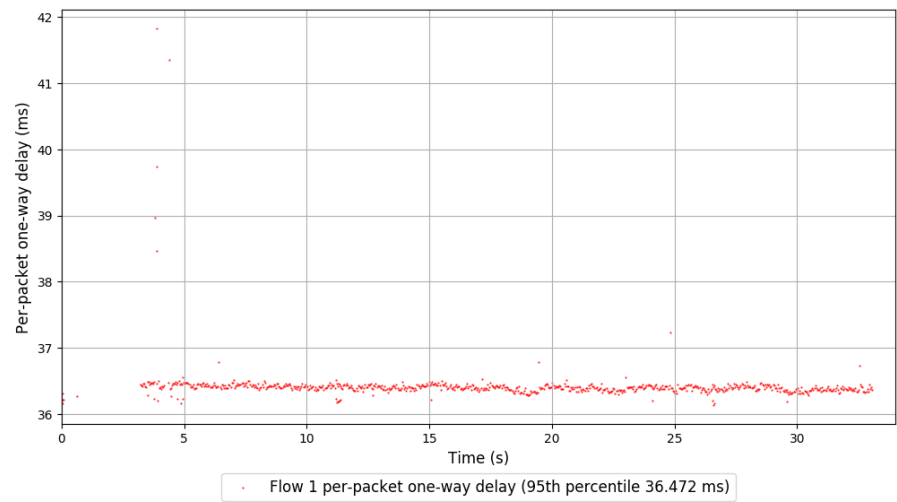
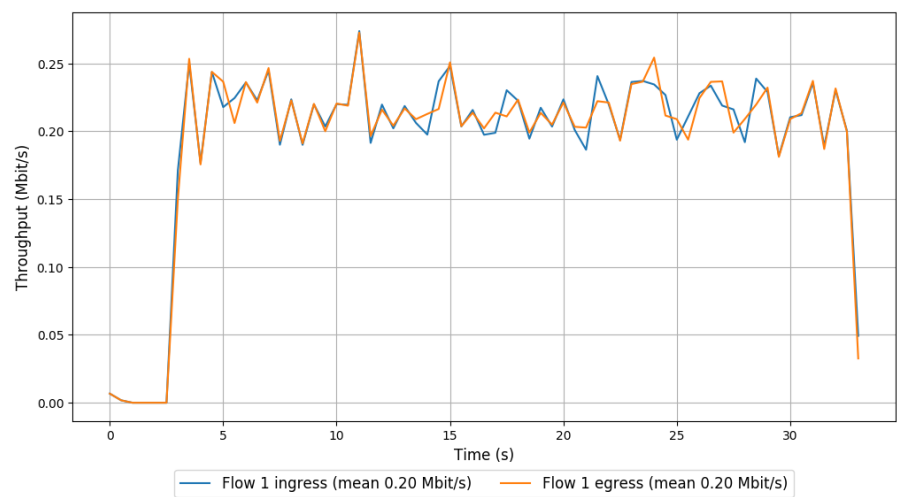
-- Flow 1:

Average throughput: 0.20 Mbit/s

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

Loss rate: 0.26%

Run 7: Report of SReAM — Data Link



Run 8: Statistics of SCReAM

Start at: Wed, 14 Jun 2017 10:07:32 +0000

End at: Wed, 14 Jun 2017 10:08:02 +0000

Local clock offset: -0.217 ms

Remote clock offset: -2.826 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:58:55 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 37.145 ms

Loss rate: 0.26%

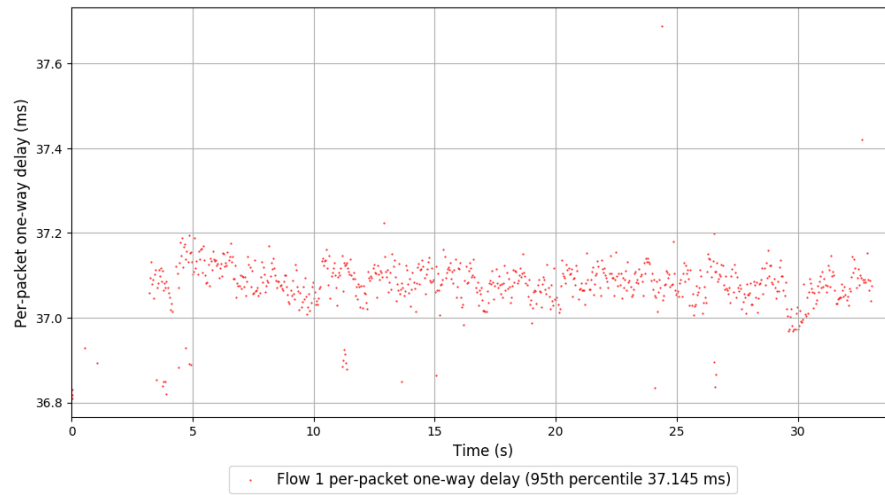
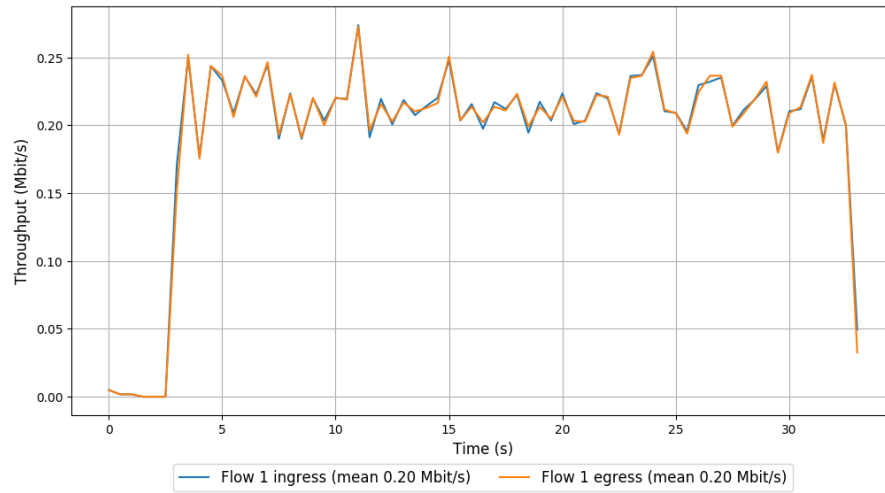
-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 37.145 ms

Loss rate: 0.26%

Run 8: Report of SReAM — Data Link



Run 9: Statistics of SCReAM

Start at: Wed, 14 Jun 2017 10:27:14 +0000

End at: Wed, 14 Jun 2017 10:27:44 +0000

Local clock offset: 0.251 ms

Remote clock offset: -2.909 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:58:56 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 34.814 ms

Loss rate: 0.26%

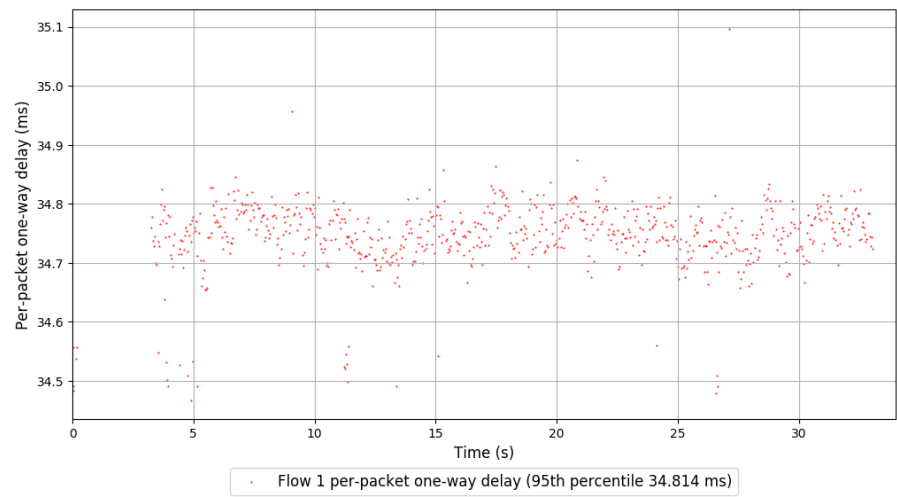
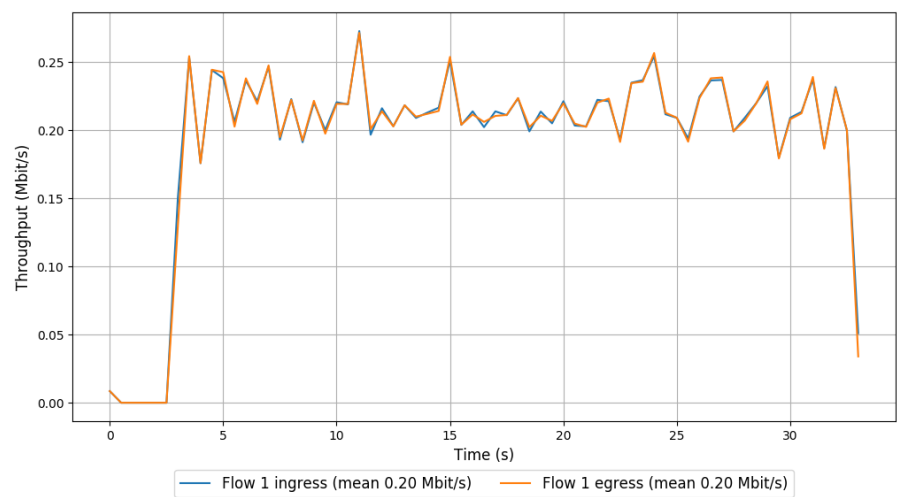
-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 34.814 ms

Loss rate: 0.26%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SCReAM

Start at: Wed, 14 Jun 2017 10:46:56 +0000

End at: Wed, 14 Jun 2017 10:47:26 +0000

Local clock offset: 0.771 ms

Remote clock offset: -2.942 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:58:56 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 35.423 ms

Loss rate: 0.39%

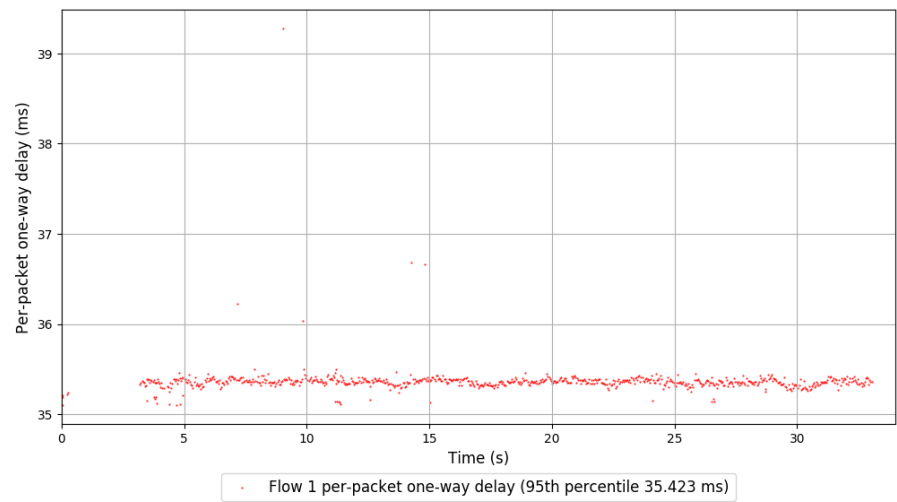
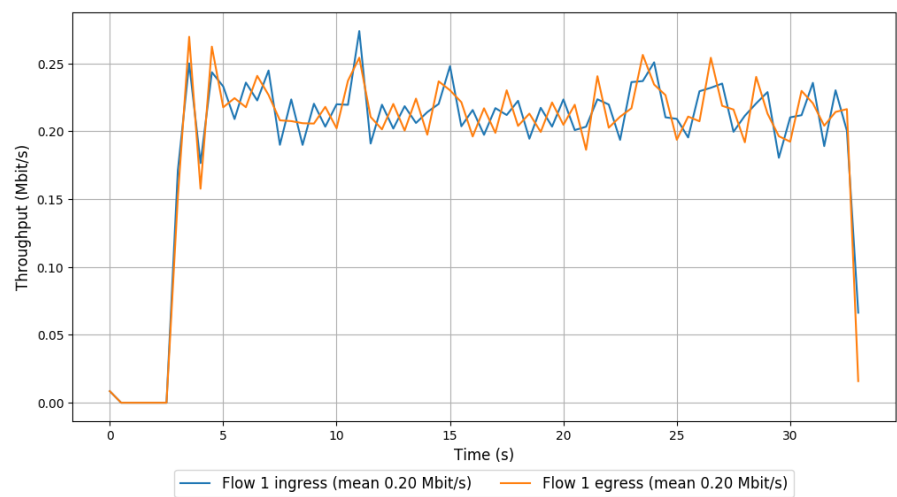
-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 35.423 ms

Loss rate: 0.39%

Run 10: Report of SReAM — Data Link



Run 1: Statistics of Sprout

Start at: Wed, 14 Jun 2017 07:50:41 +0000

End at: Wed, 14 Jun 2017 07:51:11 +0000

Local clock offset: 0.168 ms

Remote clock offset: -8.647 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:58:57 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 8.45 Mbit/s

95th percentile per-packet one-way delay: 44.686 ms

Loss rate: 0.12%

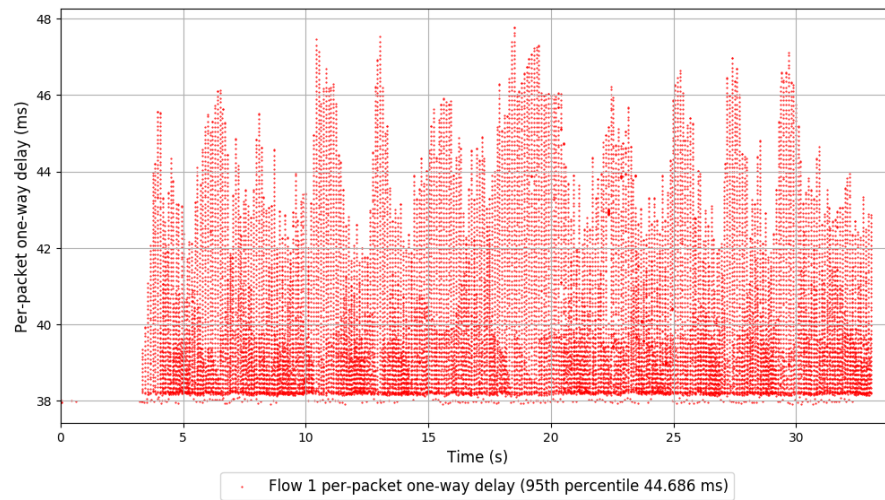
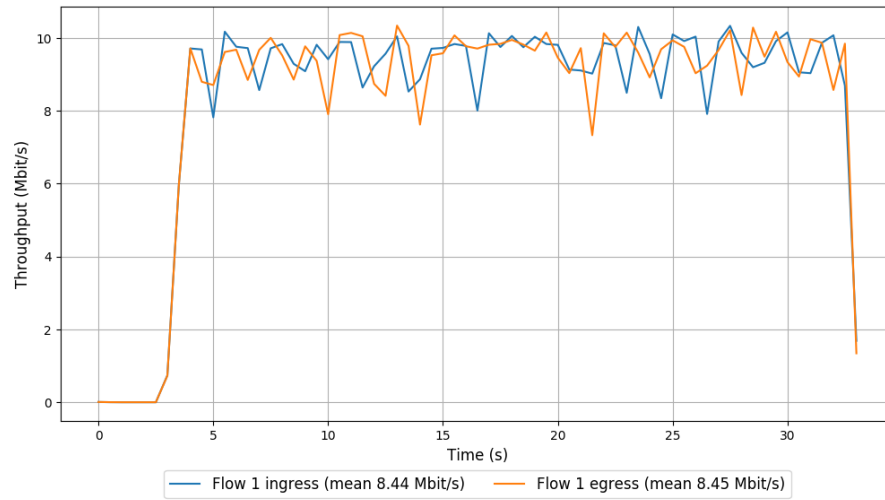
-- Flow 1:

Average throughput: 8.45 Mbit/s

95th percentile per-packet one-way delay: 44.686 ms

Loss rate: 0.12%

Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

Start at: Wed, 14 Jun 2017 08:10:27 +0000

End at: Wed, 14 Jun 2017 08:10:57 +0000

Local clock offset: 0.157 ms

Remote clock offset: -9.019 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:58:58 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 8.36 Mbit/s

95th percentile per-packet one-way delay: 42.679 ms

Loss rate: 0.35%

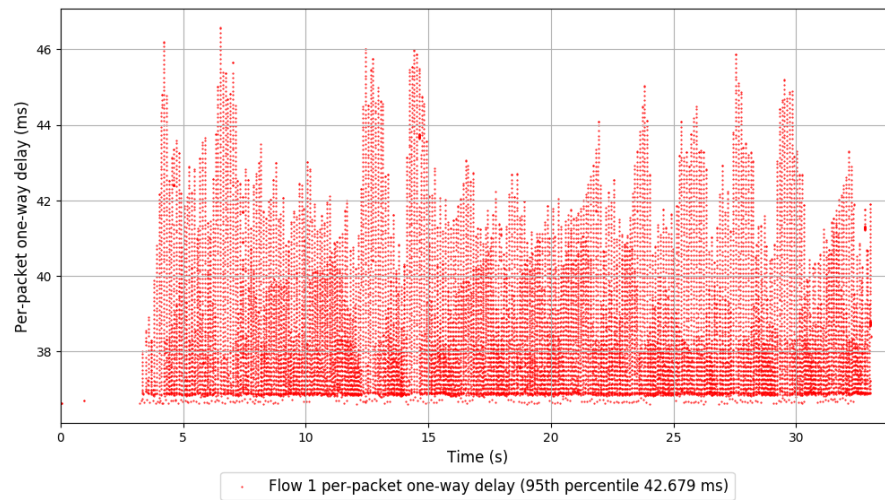
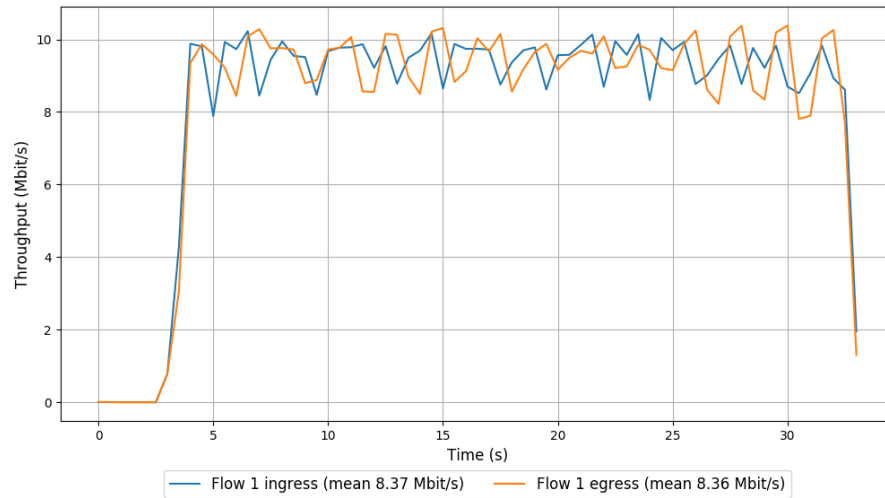
-- Flow 1:

Average throughput: 8.36 Mbit/s

95th percentile per-packet one-way delay: 42.679 ms

Loss rate: 0.35%

Run 2: Report of Sprout — Data Link



Run 3: Statistics of Sprout

Start at: Wed, 14 Jun 2017 08:30:11 +0000

End at: Wed, 14 Jun 2017 08:30:41 +0000

Local clock offset: -1.074 ms

Remote clock offset: -11.279 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:58:59 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 8.34 Mbit/s

95th percentile per-packet one-way delay: 44.846 ms

Loss rate: 0.29%

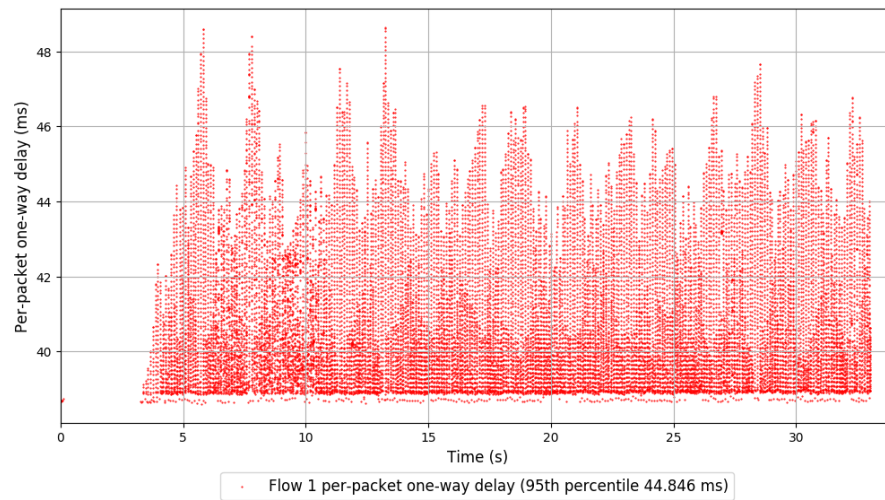
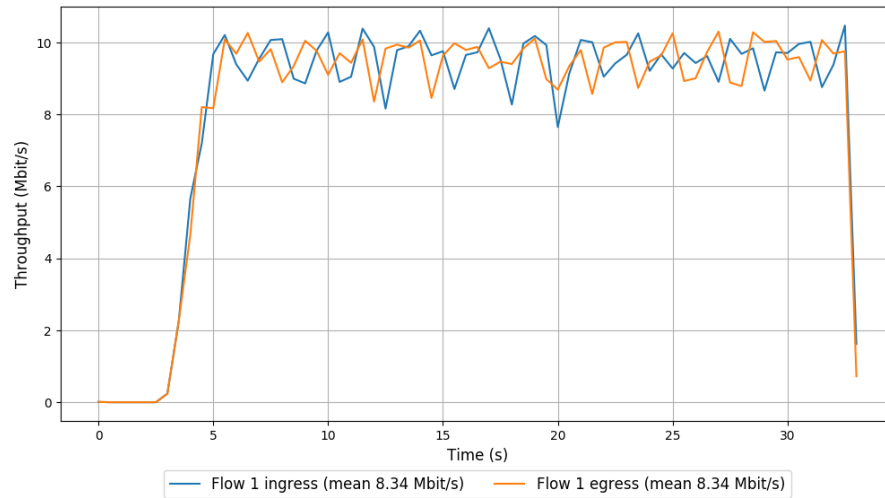
-- Flow 1:

Average throughput: 8.34 Mbit/s

95th percentile per-packet one-way delay: 44.846 ms

Loss rate: 0.29%

Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

Start at: Wed, 14 Jun 2017 08:50:10 +0000

End at: Wed, 14 Jun 2017 08:50:40 +0000

Local clock offset: -1.474 ms

Remote clock offset: -1.088 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:59:01 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 8.47 Mbit/s

95th percentile per-packet one-way delay: 44.606 ms

Loss rate: 0.30%

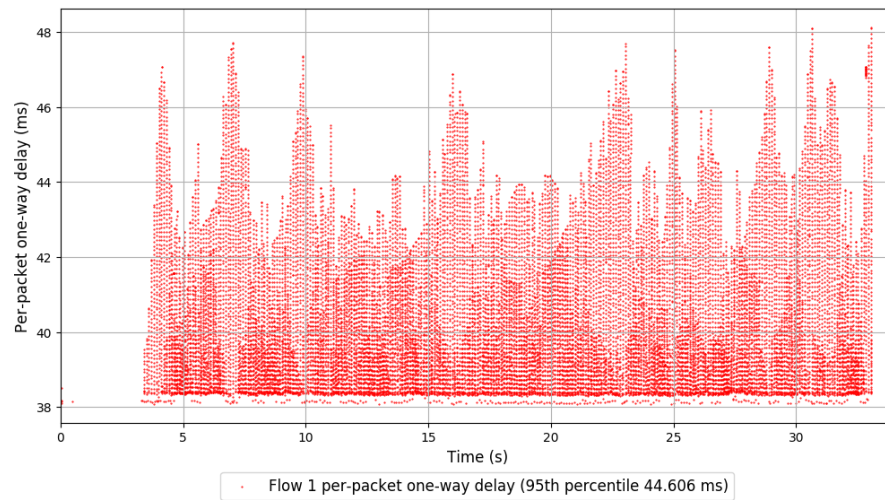
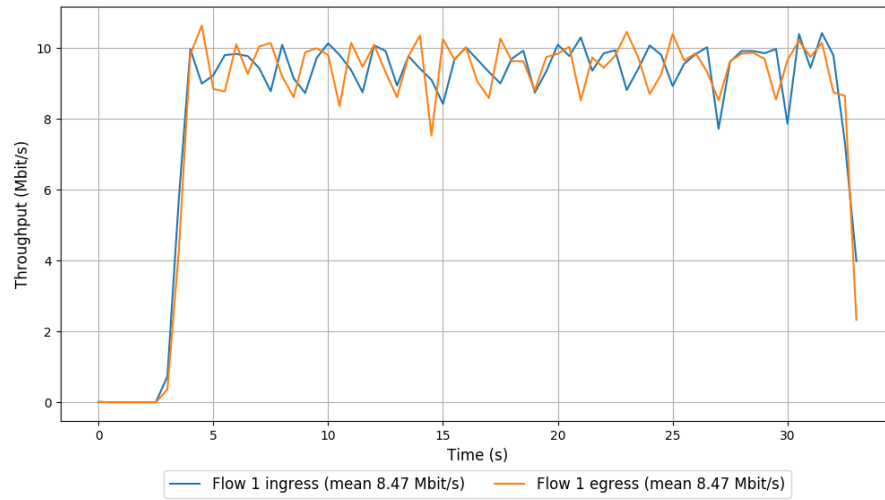
-- Flow 1:

Average throughput: 8.47 Mbit/s

95th percentile per-packet one-way delay: 44.606 ms

Loss rate: 0.30%

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: Wed, 14 Jun 2017 09:09:49 +0000

End at: Wed, 14 Jun 2017 09:10:19 +0000

Local clock offset: -1.168 ms

Remote clock offset: -3.763 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:59:02 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 8.46 Mbit/s

95th percentile per-packet one-way delay: 45.180 ms

Loss rate: 0.40%

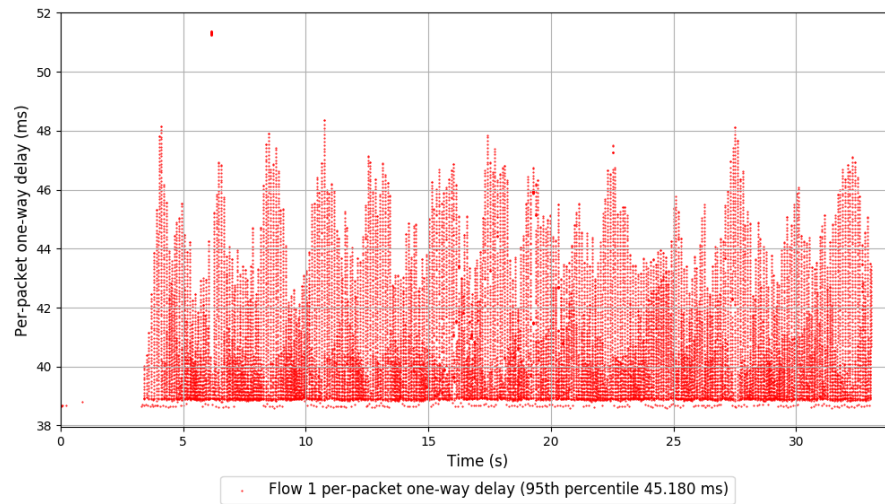
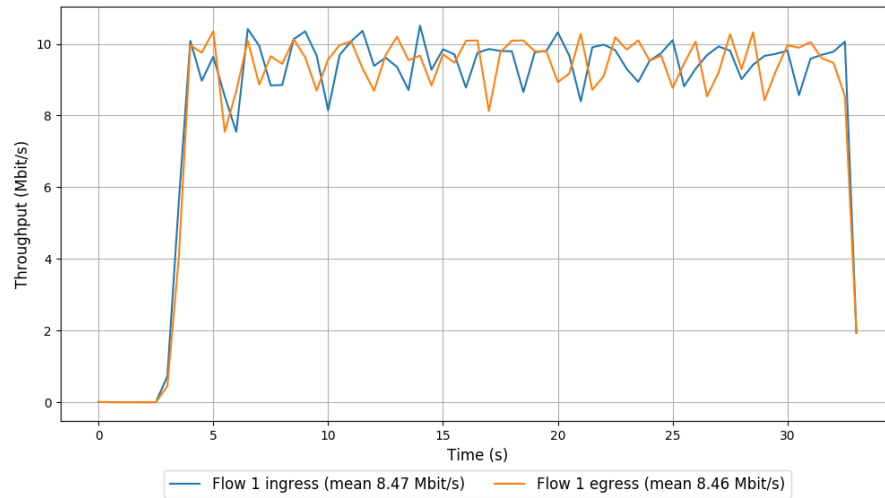
-- Flow 1:

Average throughput: 8.46 Mbit/s

95th percentile per-packet one-way delay: 45.180 ms

Loss rate: 0.40%

Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

Start at: Wed, 14 Jun 2017 09:29:19 +0000

End at: Wed, 14 Jun 2017 09:29:49 +0000

Local clock offset: -0.999 ms

Remote clock offset: 0.339 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:59:03 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 8.47 Mbit/s

95th percentile per-packet one-way delay: 43.721 ms

Loss rate: 0.18%

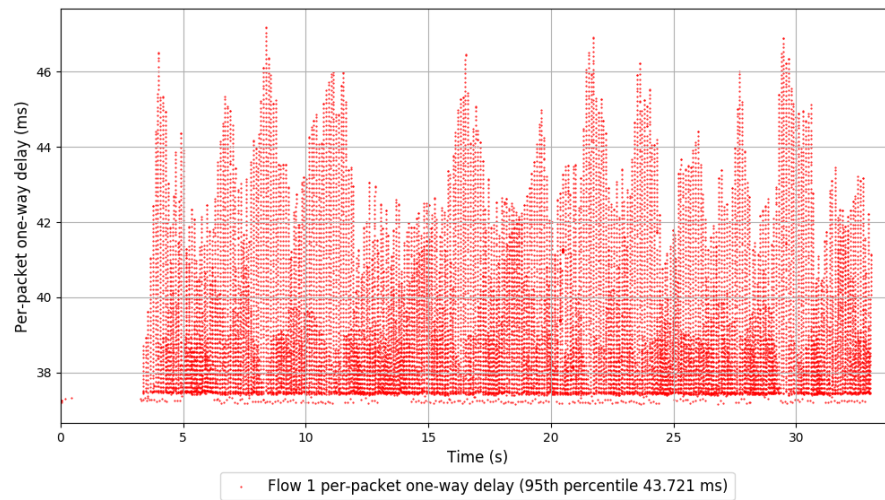
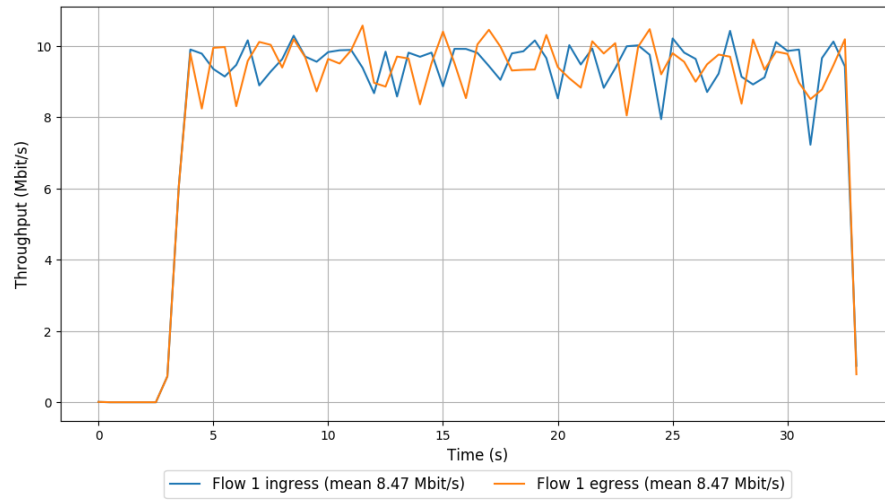
-- Flow 1:

Average throughput: 8.47 Mbit/s

95th percentile per-packet one-way delay: 43.721 ms

Loss rate: 0.18%

Run 6: Report of Sprout — Data Link



Run 7: Statistics of Sprout

Start at: Wed, 14 Jun 2017 09:49:00 +0000

End at: Wed, 14 Jun 2017 09:49:30 +0000

Local clock offset: -0.602 ms

Remote clock offset: -5.113 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:59:04 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 8.39 Mbit/s

95th percentile per-packet one-way delay: 44.269 ms

Loss rate: 0.35%

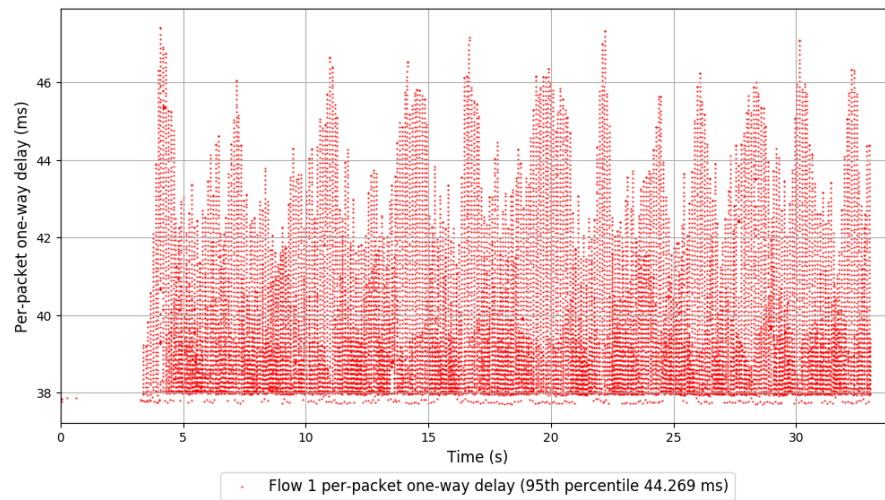
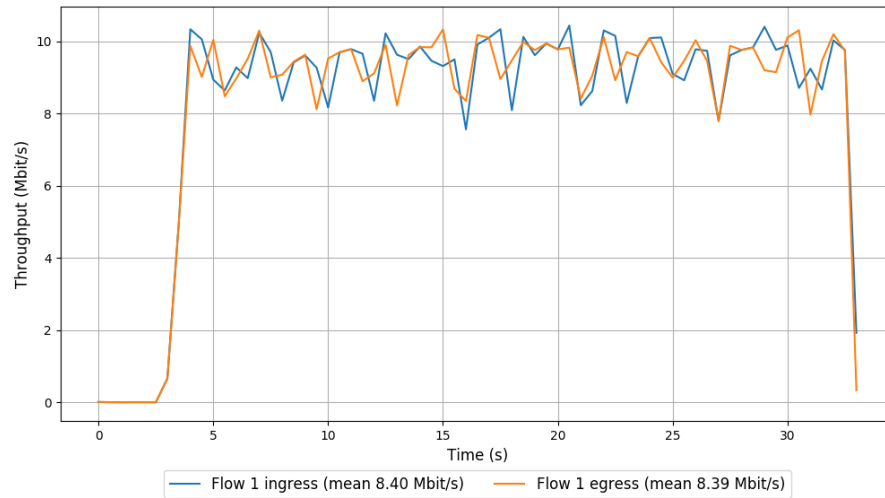
-- Flow 1:

Average throughput: 8.39 Mbit/s

95th percentile per-packet one-way delay: 44.269 ms

Loss rate: 0.35%

Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

Start at: Wed, 14 Jun 2017 10:08:48 +0000

End at: Wed, 14 Jun 2017 10:09:18 +0000

Local clock offset: -0.265 ms

Remote clock offset: -5.615 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:59:05 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 8.39 Mbit/s

95th percentile per-packet one-way delay: 43.348 ms

Loss rate: 0.35%

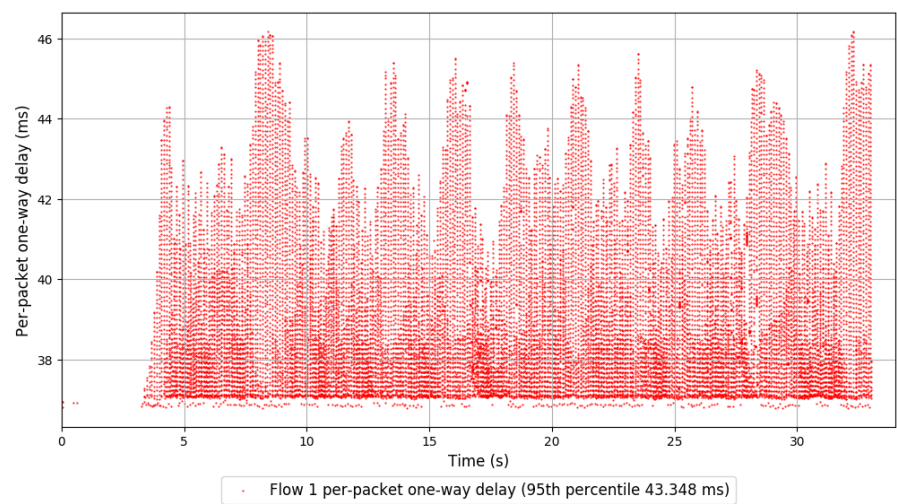
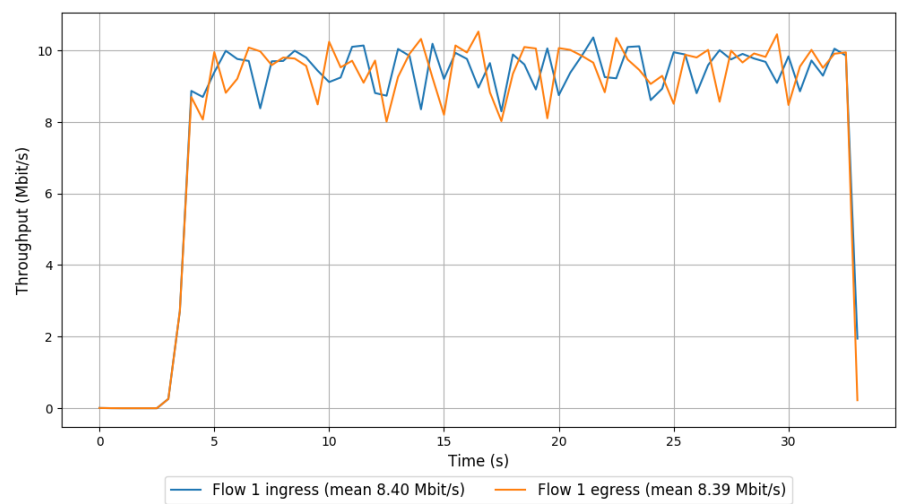
-- Flow 1:

Average throughput: 8.39 Mbit/s

95th percentile per-packet one-way delay: 43.348 ms

Loss rate: 0.35%

Run 8: Report of Sprout — Data Link



Run 9: Statistics of Sprout

Start at: Wed, 14 Jun 2017 10:28:30 +0000

End at: Wed, 14 Jun 2017 10:29:00 +0000

Local clock offset: 0.37 ms

Remote clock offset: -5.44 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:59:07 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 8.44 Mbit/s

95th percentile per-packet one-way delay: 42.202 ms

Loss rate: 0.06%

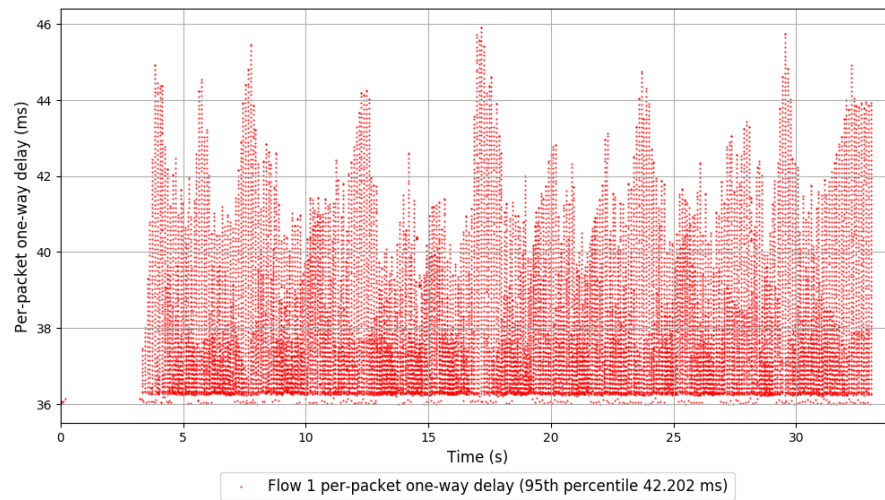
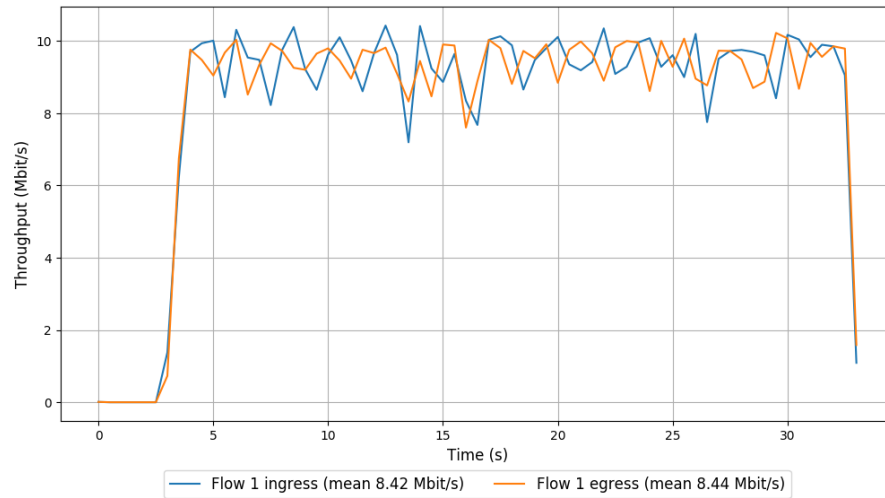
-- Flow 1:

Average throughput: 8.44 Mbit/s

95th percentile per-packet one-way delay: 42.202 ms

Loss rate: 0.06%

Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: Wed, 14 Jun 2017 10:48:12 +0000

End at: Wed, 14 Jun 2017 10:48:42 +0000

Local clock offset: 0.625 ms

Remote clock offset: -3.415 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:59:08 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 8.33 Mbit/s

95th percentile per-packet one-way delay: 42.022 ms

Loss rate: 0.35%

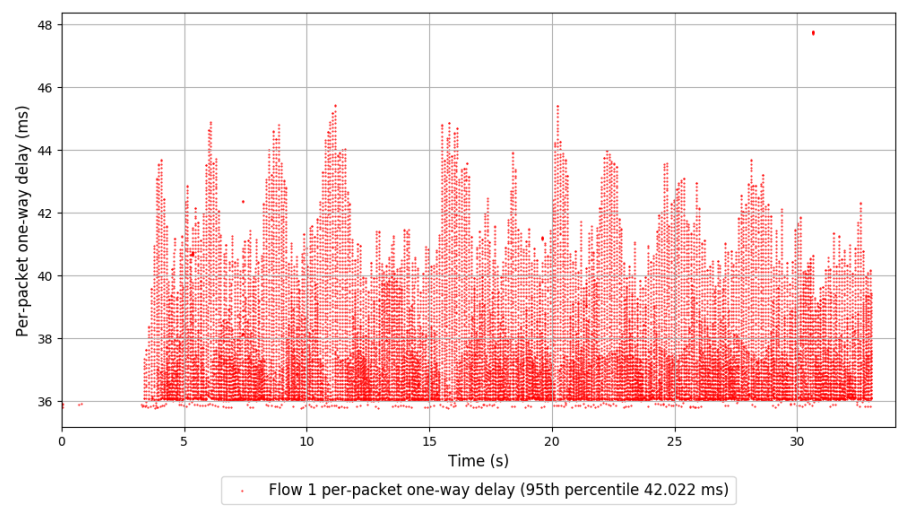
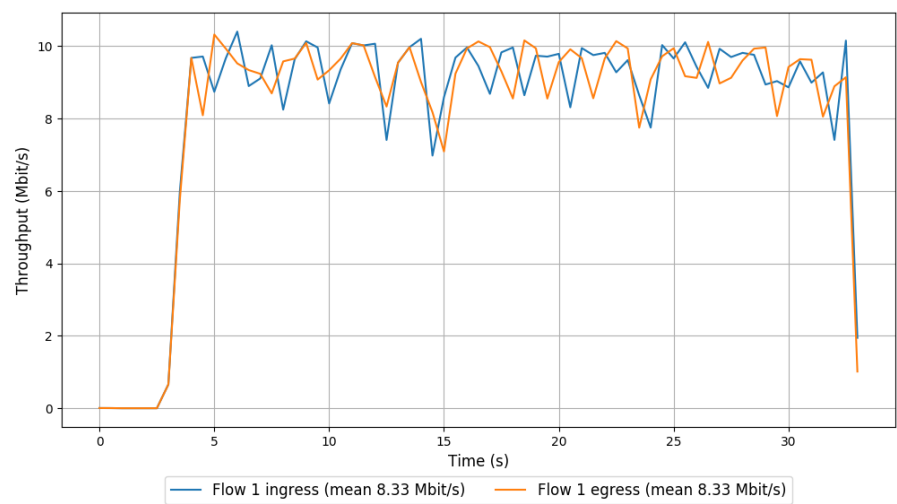
-- Flow 1:

Average throughput: 8.33 Mbit/s

95th percentile per-packet one-way delay: 42.022 ms

Loss rate: 0.35%

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: Wed, 14 Jun 2017 07:48:03 +0000

End at: Wed, 14 Jun 2017 07:48:33 +0000

Local clock offset: 0.143 ms

Remote clock offset: -8.665 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:59:24 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 63.64 Mbit/s

95th percentile per-packet one-way delay: 47.578 ms

Loss rate: 0.33%

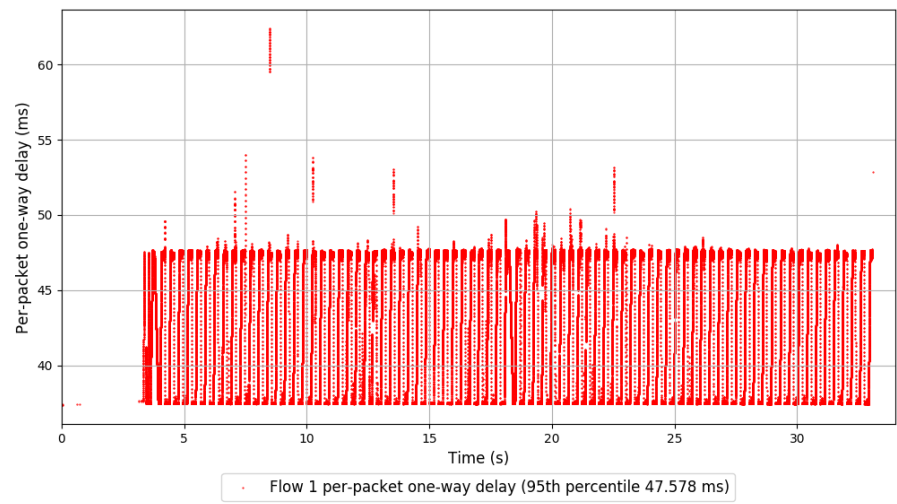
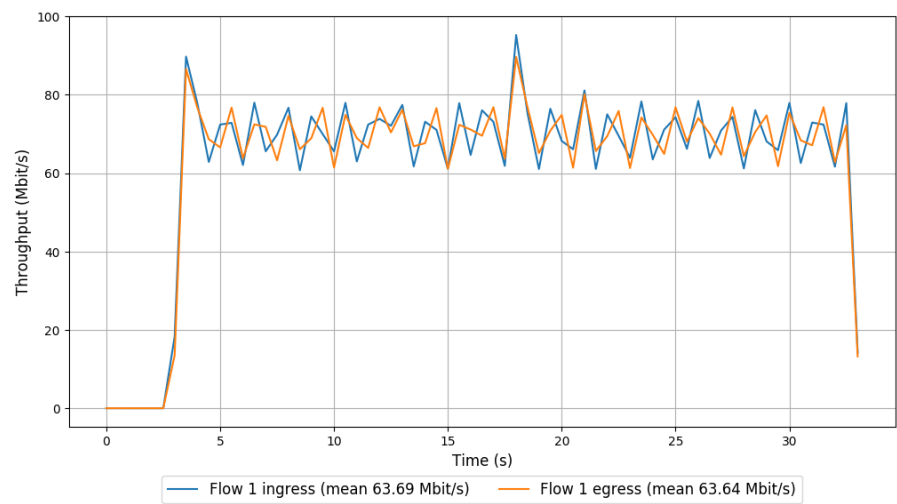
-- Flow 1:

Average throughput: 63.64 Mbit/s

95th percentile per-packet one-way delay: 47.578 ms

Loss rate: 0.33%

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



Run 2: Statistics of TaoVA-100x

Start at: Wed, 14 Jun 2017 08:07:48 +0000

End at: Wed, 14 Jun 2017 08:08:18 +0000

Local clock offset: 0.304 ms

Remote clock offset: -11.066 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:59:26 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 64.35 Mbit/s

95th percentile per-packet one-way delay: 46.712 ms

Loss rate: 0.55%

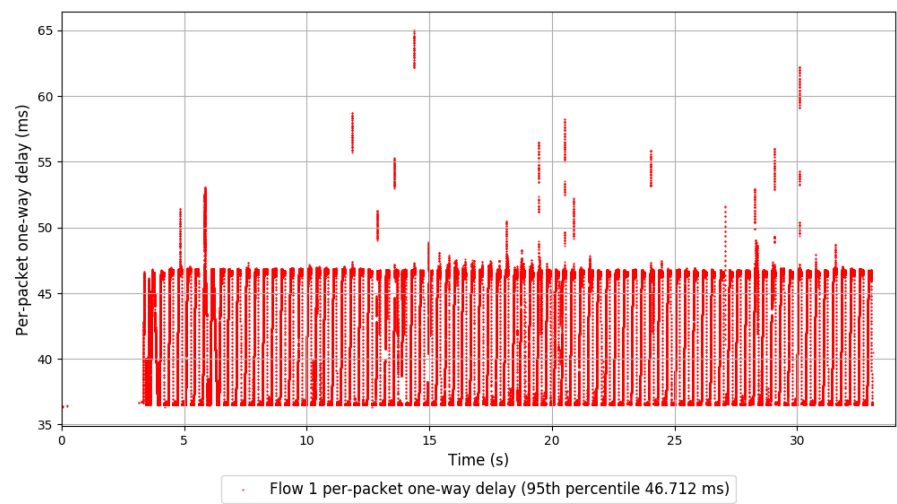
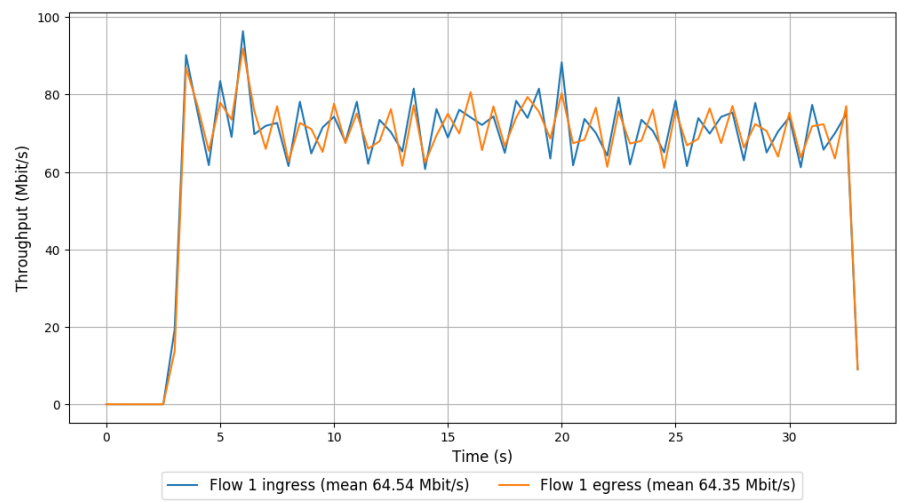
-- Flow 1:

Average throughput: 64.35 Mbit/s

95th percentile per-packet one-way delay: 46.712 ms

Loss rate: 0.55%

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



Run 3: Statistics of TaoVA-100x

Start at: Wed, 14 Jun 2017 08:27:24 +0000

End at: Wed, 14 Jun 2017 08:27:54 +0000

Local clock offset: -0.949 ms

Remote clock offset: -8.546 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:59:36 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 62.53 Mbit/s

95th percentile per-packet one-way delay: 49.445 ms

Loss rate: 0.45%

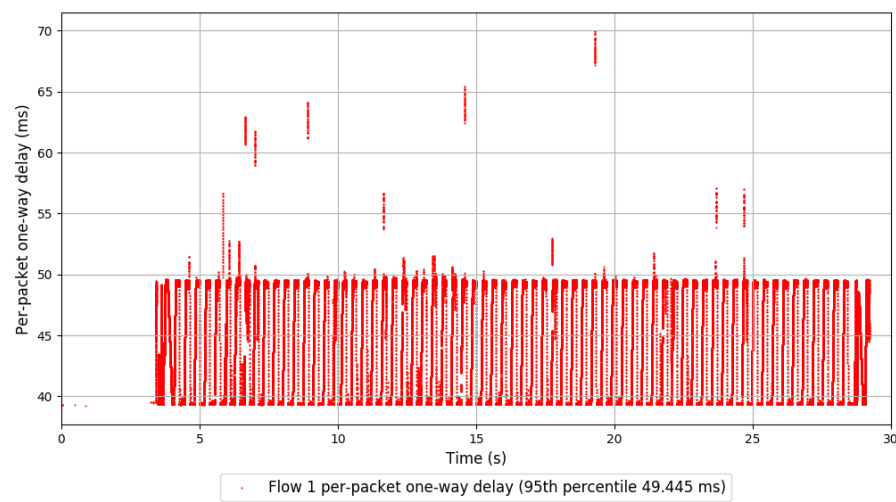
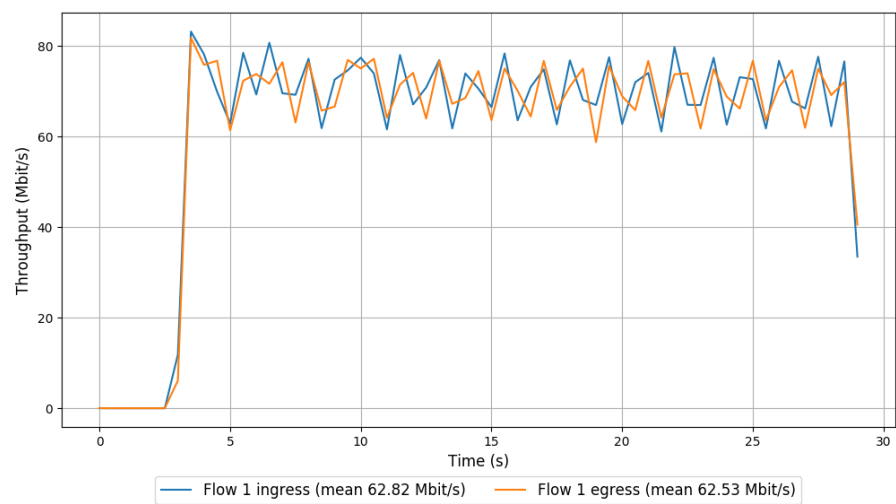
-- Flow 1:

Average throughput: 62.53 Mbit/s

95th percentile per-packet one-way delay: 49.445 ms

Loss rate: 0.45%

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



Run 4: Statistics of TaoVA-100x

Start at: Wed, 14 Jun 2017 08:47:32 +0000

End at: Wed, 14 Jun 2017 08:48:02 +0000

Local clock offset: -1.368 ms

Remote clock offset: -3.477 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:59:42 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 63.48 Mbit/s

95th percentile per-packet one-way delay: 49.497 ms

Loss rate: 0.77%

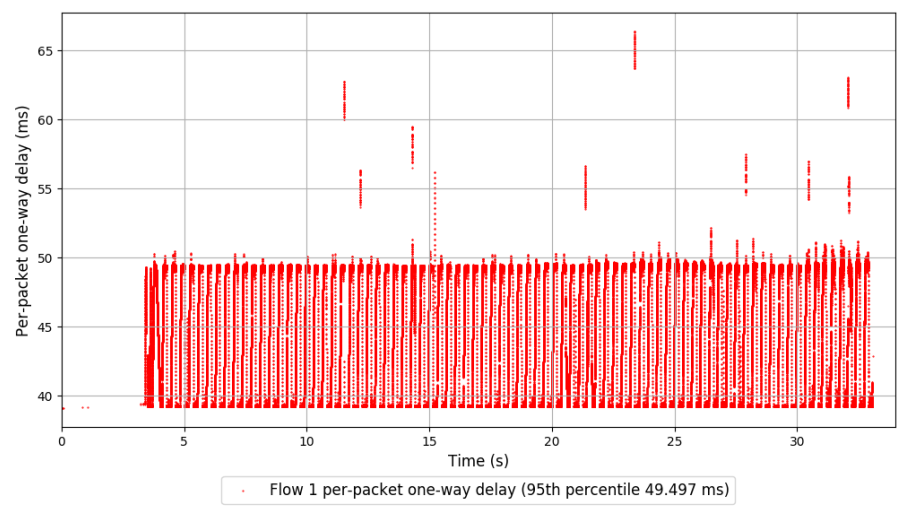
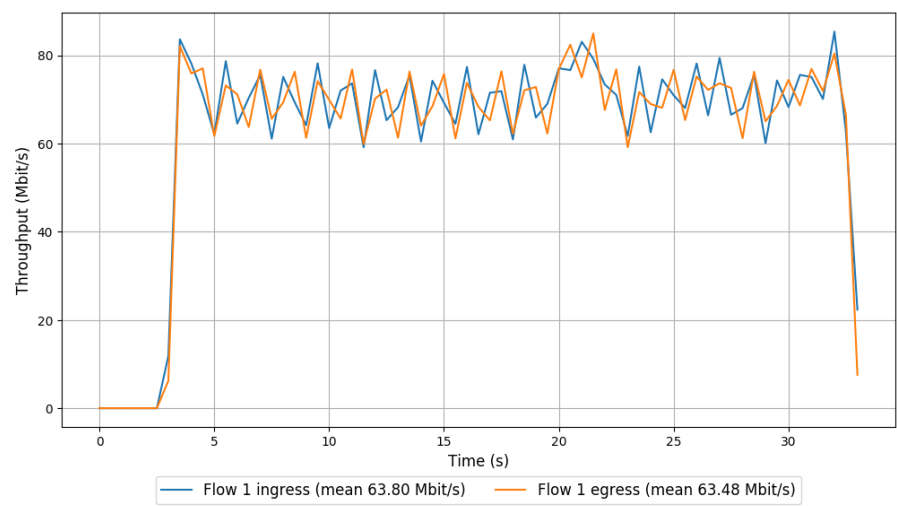
-- Flow 1:

Average throughput: 63.48 Mbit/s

95th percentile per-packet one-way delay: 49.497 ms

Loss rate: 0.77%

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



Run 5: Statistics of TaoVA-100x

Start at: Wed, 14 Jun 2017 09:07:10 +0000

End at: Wed, 14 Jun 2017 09:07:40 +0000

Local clock offset: -1.186 ms

Remote clock offset: -1.761 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:59:57 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 63.39 Mbit/s

95th percentile per-packet one-way delay: 48.103 ms

Loss rate: 1.01%

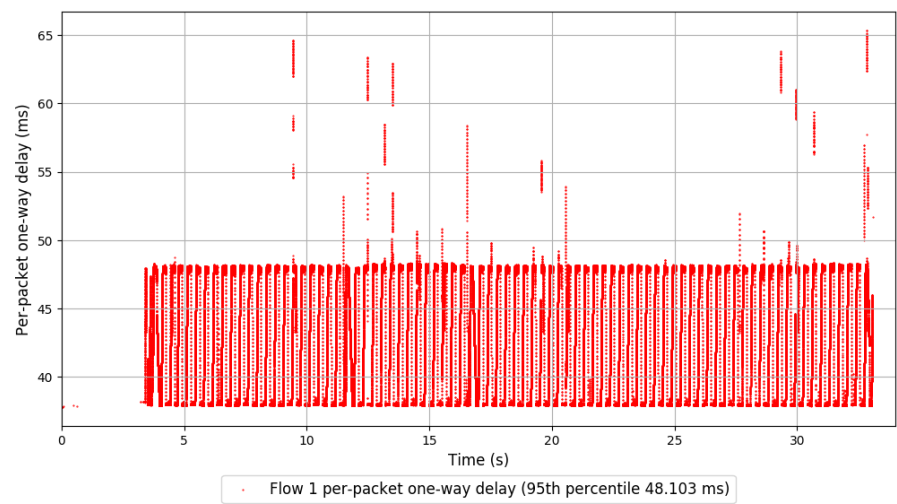
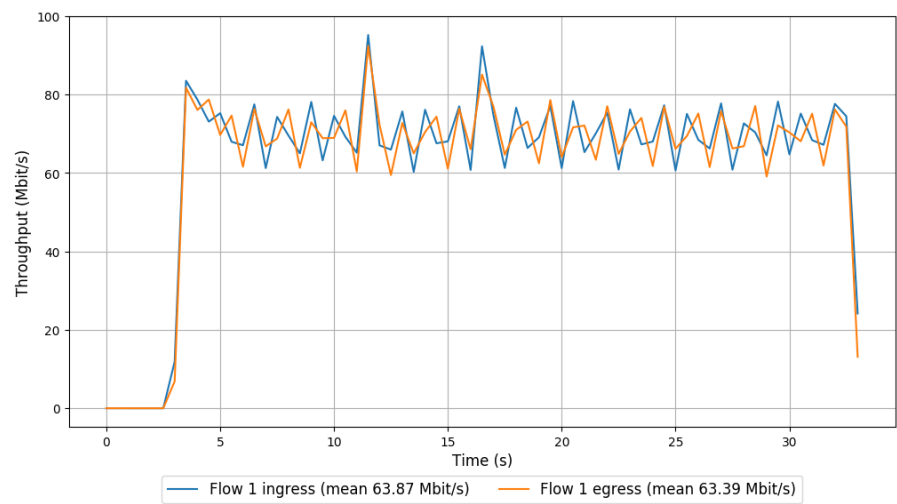
-- Flow 1:

Average throughput: 63.39 Mbit/s

95th percentile per-packet one-way delay: 48.103 ms

Loss rate: 1.01%

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



Run 6: Statistics of TaoVA-100x

Start at: Wed, 14 Jun 2017 09:26:41 +0000

End at: Wed, 14 Jun 2017 09:27:11 +0000

Local clock offset: -1.105 ms

Remote clock offset: 0.398 ms

Below is generated by plot.py at Wed, 14 Jun 2017 11:59:59 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 64.11 Mbit/s

95th percentile per-packet one-way delay: 48.628 ms

Loss rate: 0.63%

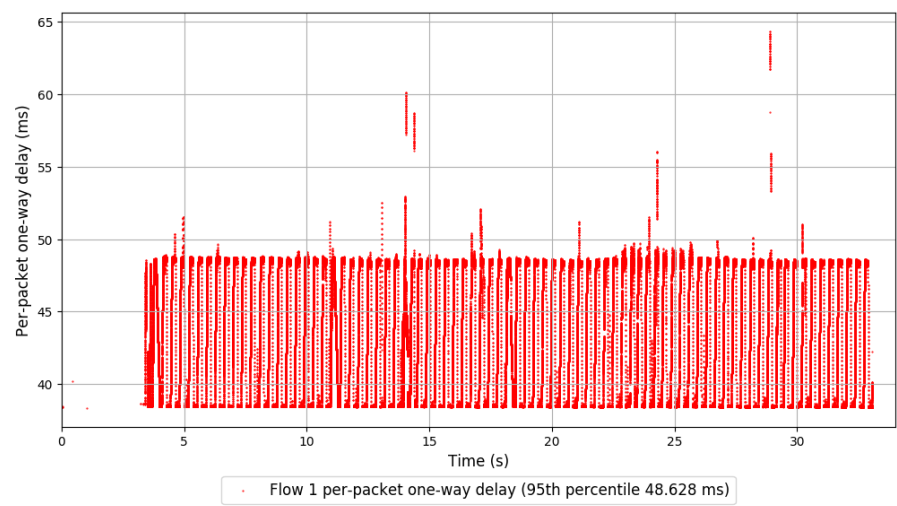
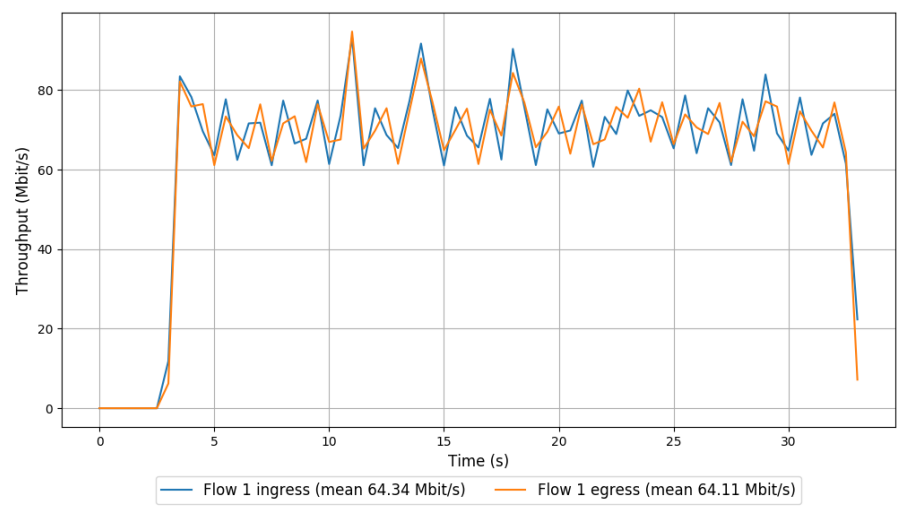
-- Flow 1:

Average throughput: 64.11 Mbit/s

95th percentile per-packet one-way delay: 48.628 ms

Loss rate: 0.63%

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



Run 7: Statistics of TaoVA-100x

Start at: Wed, 14 Jun 2017 09:46:21 +0000

End at: Wed, 14 Jun 2017 09:46:51 +0000

Local clock offset: -0.743 ms

Remote clock offset: -2.255 ms

Below is generated by plot.py at Wed, 14 Jun 2017 12:00:15 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 63.59 Mbit/s

95th percentile per-packet one-way delay: 46.596 ms

Loss rate: 0.95%

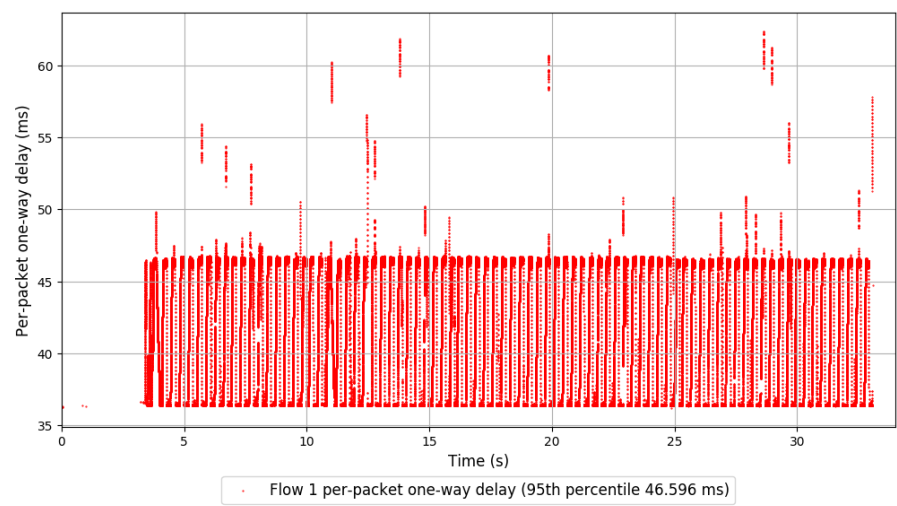
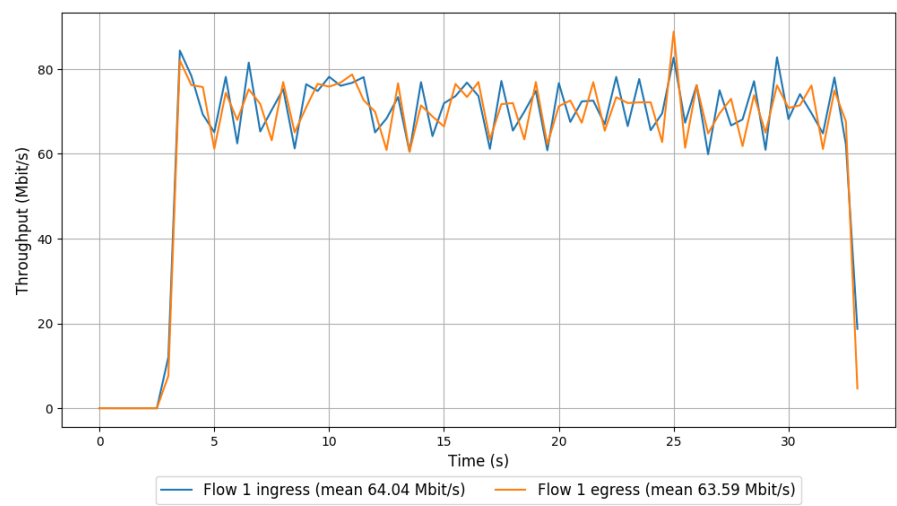
-- Flow 1:

Average throughput: 63.59 Mbit/s

95th percentile per-packet one-way delay: 46.596 ms

Loss rate: 0.95%

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



Run 8: Statistics of TaoVA-100x

Start at: Wed, 14 Jun 2017 10:06:09 +0000

End at: Wed, 14 Jun 2017 10:06:39 +0000

Local clock offset: -0.214 ms

Remote clock offset: -3.658 ms

Below is generated by plot.py at Wed, 14 Jun 2017 12:00:17 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 63.14 Mbit/s

95th percentile per-packet one-way delay: 46.501 ms

Loss rate: 0.37%

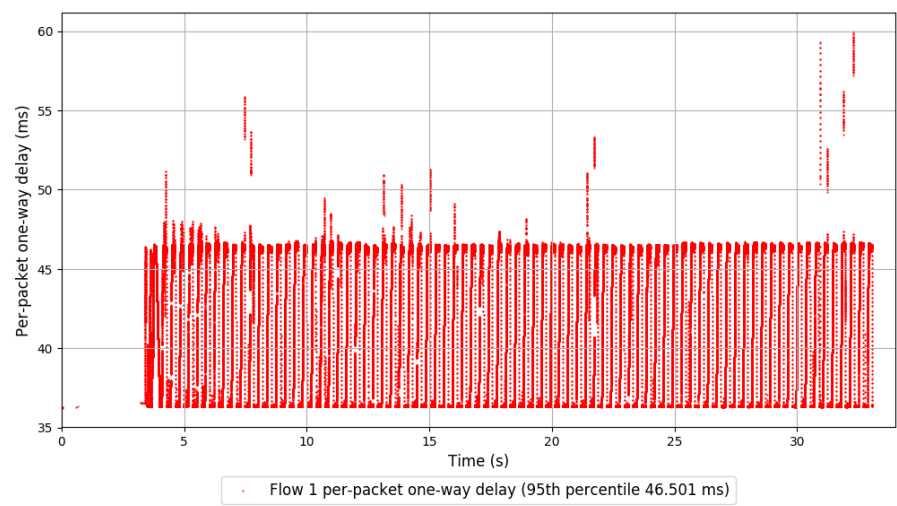
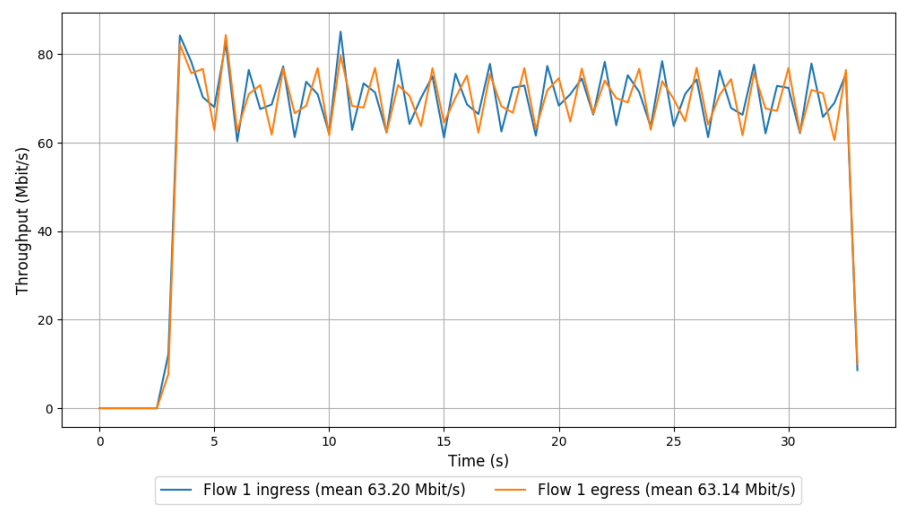
-- Flow 1:

Average throughput: 63.14 Mbit/s

95th percentile per-packet one-way delay: 46.501 ms

Loss rate: 0.37%

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



Run 9: Statistics of TaoVA-100x

Start at: Wed, 14 Jun 2017 10:25:52 +0000

End at: Wed, 14 Jun 2017 10:26:22 +0000

Local clock offset: 0.297 ms

Remote clock offset: -5.501 ms

Below is generated by plot.py at Wed, 14 Jun 2017 12:00:33 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 62.73 Mbit/s

95th percentile per-packet one-way delay: 46.381 ms

Loss rate: 0.88%

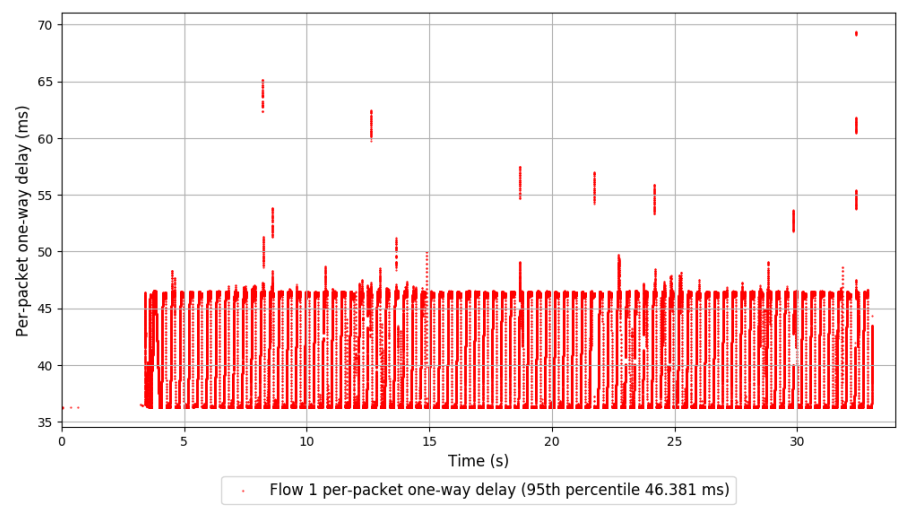
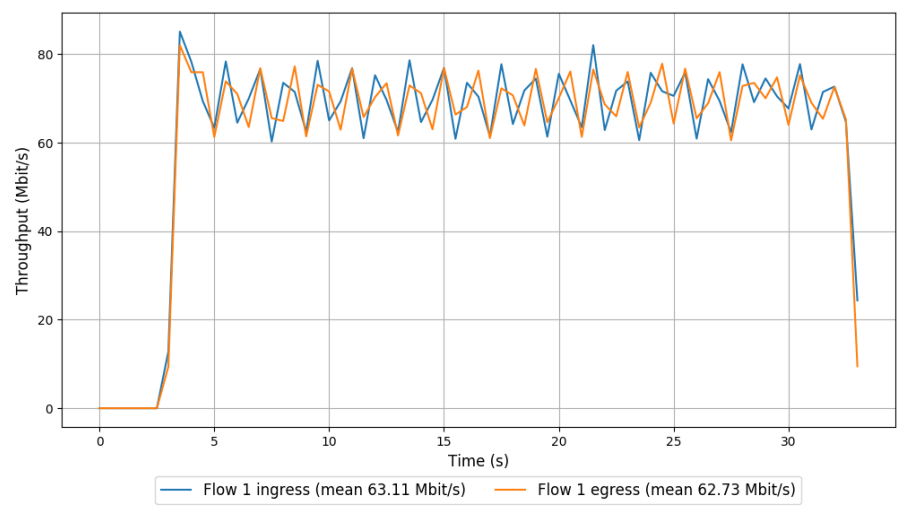
-- Flow 1:

Average throughput: 62.73 Mbit/s

95th percentile per-packet one-way delay: 46.381 ms

Loss rate: 0.88%

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



Run 10: Statistics of TaoVA-100x

Start at: Wed, 14 Jun 2017 10:45:34 +0000

End at: Wed, 14 Jun 2017 10:46:04 +0000

Local clock offset: 0.814 ms

Remote clock offset: -5.434 ms

Below is generated by plot.py at Wed, 14 Jun 2017 12:00:34 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 63.54 Mbit/s

95th percentile per-packet one-way delay: 46.057 ms

Loss rate: 0.39%

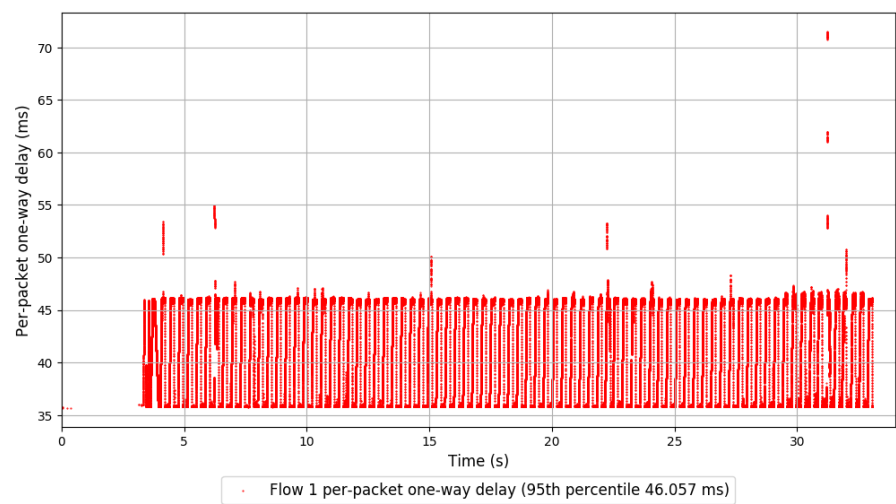
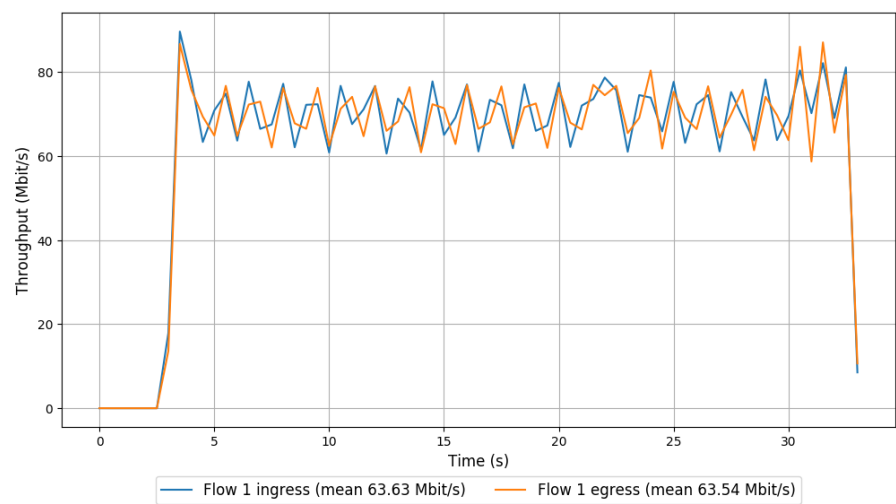
-- Flow 1:

Average throughput: 63.54 Mbit/s

95th percentile per-packet one-way delay: 46.057 ms

Loss rate: 0.39%

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



Run 1: Statistics of TCP Vegas

Start at: Wed, 14 Jun 2017 07:58:31 +0000

End at: Wed, 14 Jun 2017 07:59:01 +0000

Local clock offset: 0.266 ms

Remote clock offset: -11.221 ms

Below is generated by plot.py at Wed, 14 Jun 2017 12:00:37 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 32.44 Mbit/s

95th percentile per-packet one-way delay: 48.593 ms

Loss rate: 0.48%

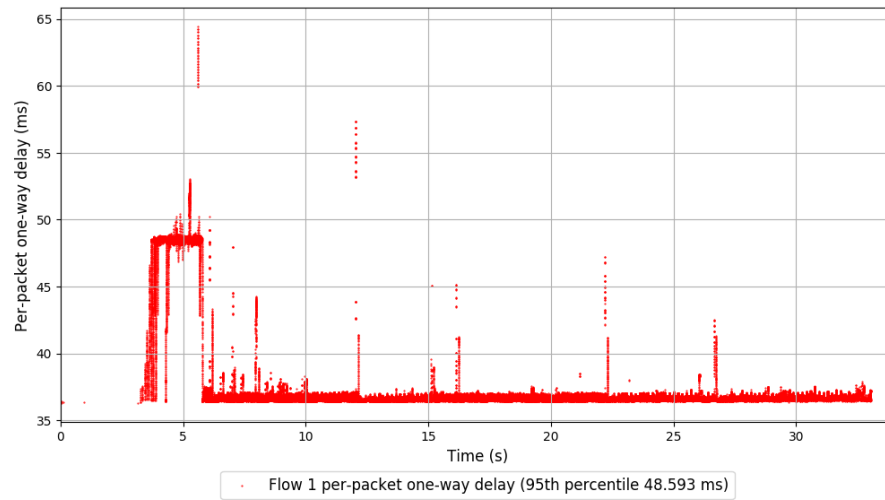
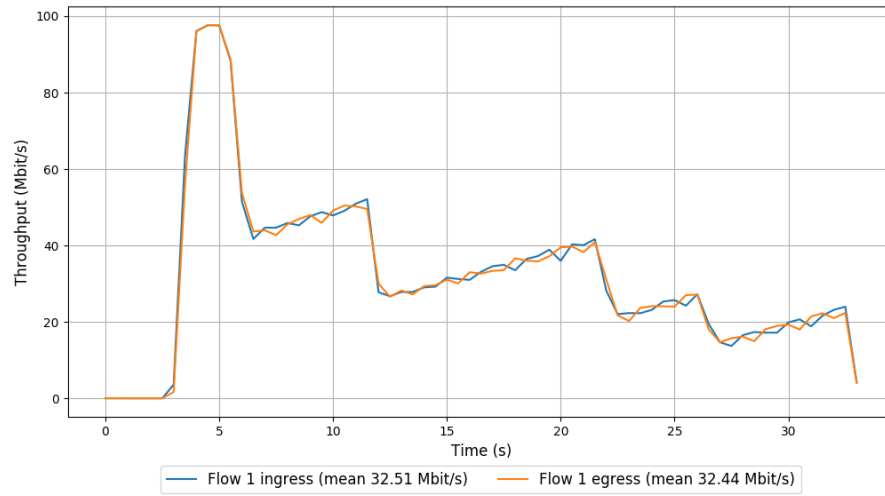
-- Flow 1:

Average throughput: 32.44 Mbit/s

95th percentile per-packet one-way delay: 48.593 ms

Loss rate: 0.48%

Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: Wed, 14 Jun 2017 08:18:16 +0000

End at: Wed, 14 Jun 2017 08:18:46 +0000

Local clock offset: -0.438 ms

Remote clock offset: -11.13 ms

Below is generated by plot.py at Wed, 14 Jun 2017 12:00:41 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 43.99 Mbit/s

95th percentile per-packet one-way delay: 49.292 ms

Loss rate: 0.31%

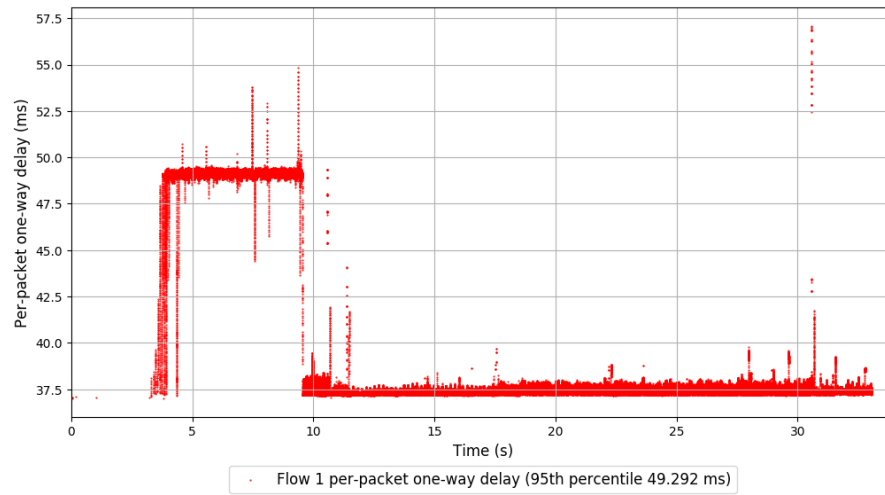
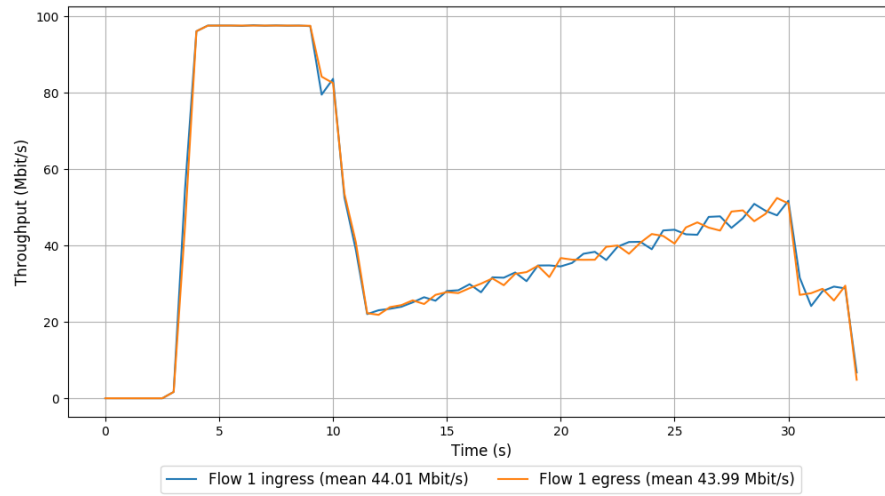
-- Flow 1:

Average throughput: 43.99 Mbit/s

95th percentile per-packet one-way delay: 49.292 ms

Loss rate: 0.31%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: Wed, 14 Jun 2017 08:38:16 +0000

End at: Wed, 14 Jun 2017 08:38:46 +0000

Local clock offset: -1.382 ms

Remote clock offset: -4.012 ms

Below is generated by plot.py at Wed, 14 Jun 2017 12:00:45 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 44.32 Mbit/s

95th percentile per-packet one-way delay: 50.376 ms

Loss rate: 0.31%

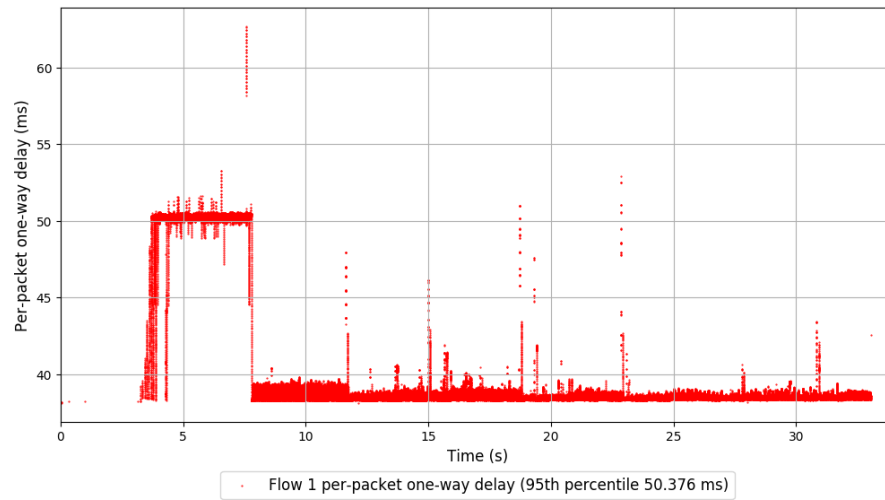
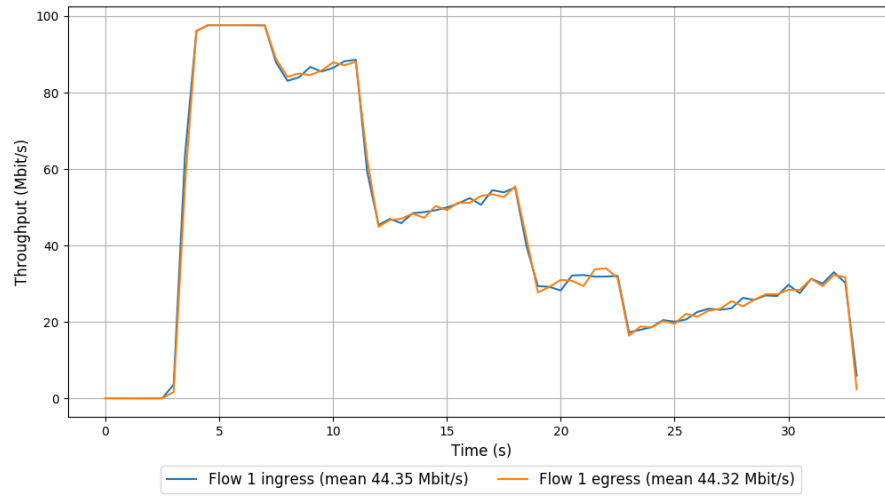
-- Flow 1:

Average throughput: 44.32 Mbit/s

95th percentile per-packet one-way delay: 50.376 ms

Loss rate: 0.31%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: Wed, 14 Jun 2017 08:57:57 +0000

End at: Wed, 14 Jun 2017 08:58:27 +0000

Local clock offset: -1.315 ms

Remote clock offset: -3.717 ms

Below is generated by plot.py at Wed, 14 Jun 2017 12:00:55 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.44 Mbit/s

95th percentile per-packet one-way delay: 50.168 ms

Loss rate: 0.19%

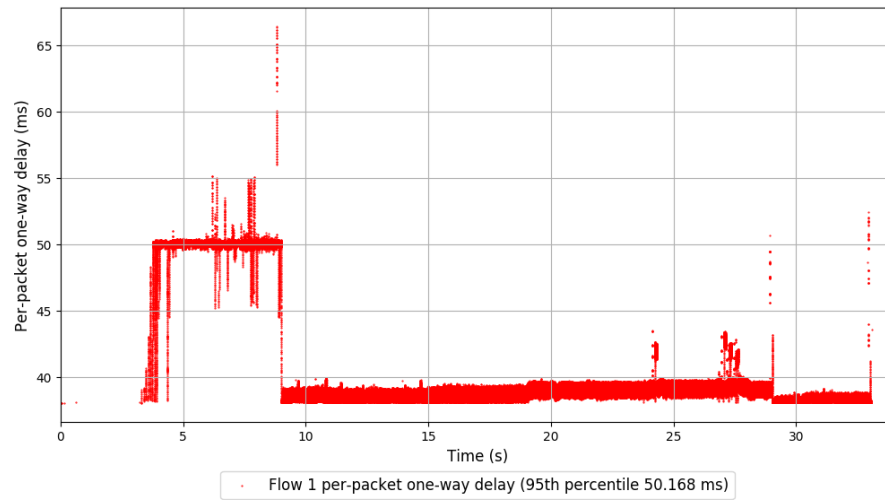
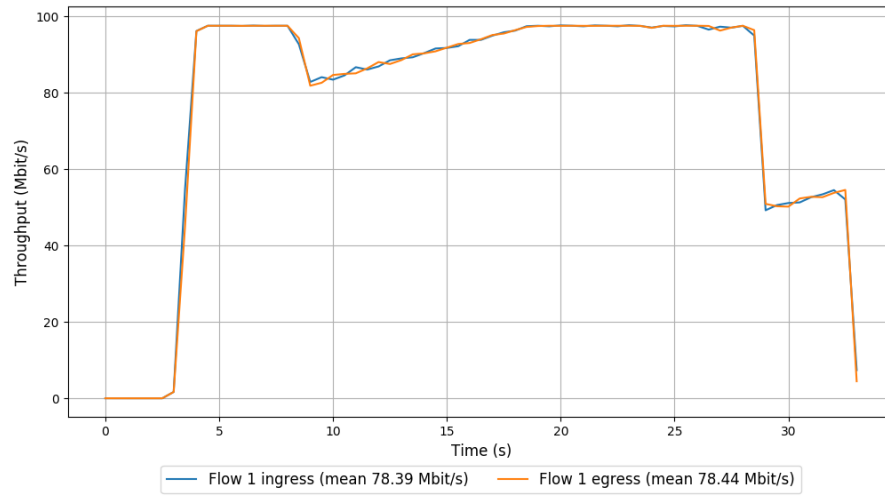
-- Flow 1:

Average throughput: 78.44 Mbit/s

95th percentile per-packet one-way delay: 50.168 ms

Loss rate: 0.19%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: Wed, 14 Jun 2017 09:17:35 +0000

End at: Wed, 14 Jun 2017 09:18:05 +0000

Local clock offset: -1.167 ms

Remote clock offset: -3.832 ms

Below is generated by plot.py at Wed, 14 Jun 2017 12:00:55 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 23.73 Mbit/s

95th percentile per-packet one-way delay: 39.730 ms

Loss rate: 0.54%

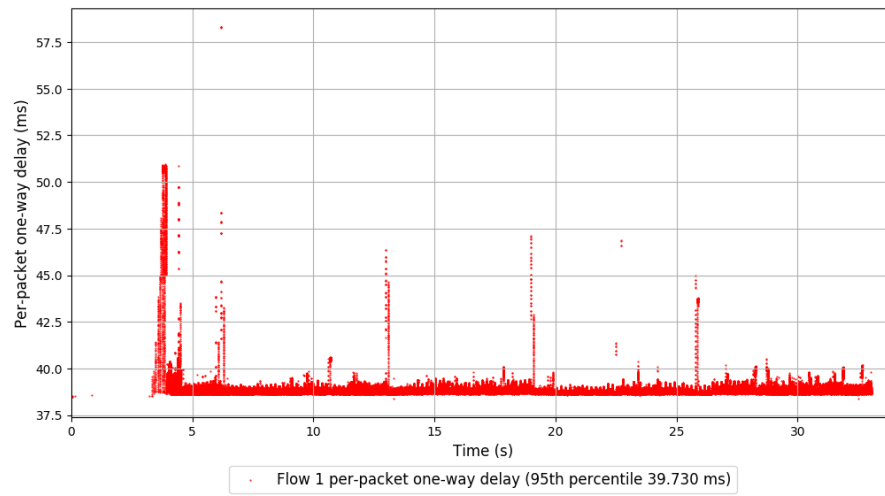
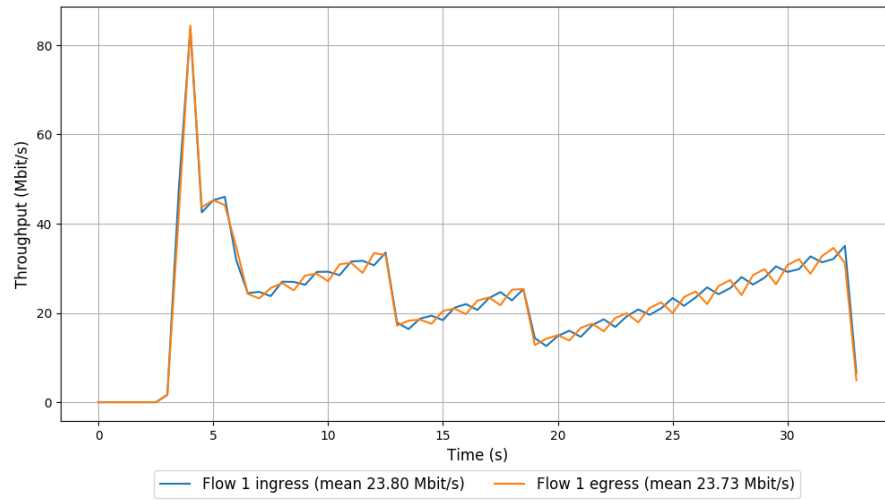
-- Flow 1:

Average throughput: 23.73 Mbit/s

95th percentile per-packet one-way delay: 39.730 ms

Loss rate: 0.54%

Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: Wed, 14 Jun 2017 09:37:07 +0000

End at: Wed, 14 Jun 2017 09:37:37 +0000

Local clock offset: -0.88 ms

Remote clock offset: -0.058 ms

Below is generated by plot.py at Wed, 14 Jun 2017 12:00:56 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 45.71 Mbit/s

95th percentile per-packet one-way delay: 50.596 ms

Loss rate: 0.18%

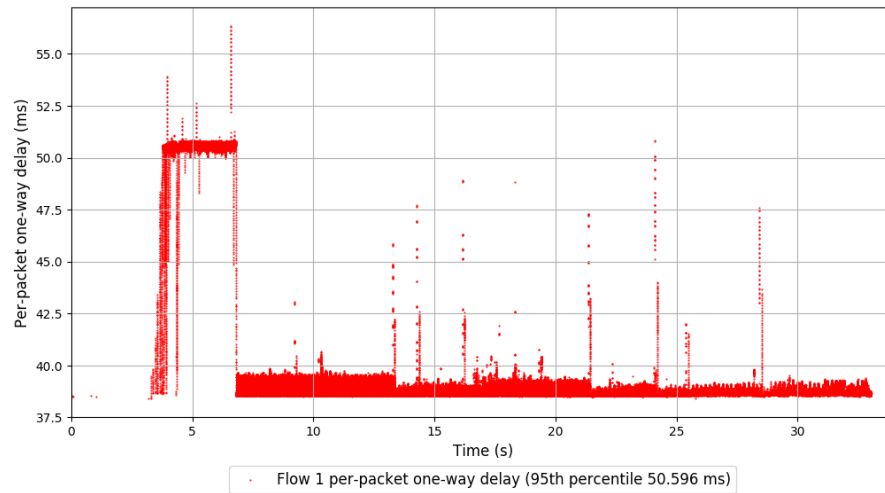
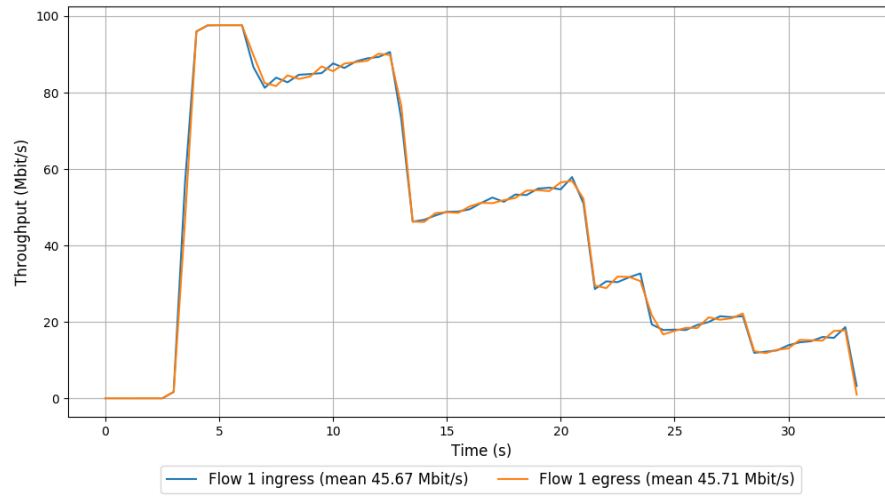
-- Flow 1:

Average throughput: 45.71 Mbit/s

95th percentile per-packet one-way delay: 50.596 ms

Loss rate: 0.18%

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: Wed, 14 Jun 2017 09:56:51 +0000

End at: Wed, 14 Jun 2017 09:57:21 +0000

Local clock offset: -0.492 ms

Remote clock offset: -5.106 ms

Below is generated by plot.py at Wed, 14 Jun 2017 12:01:02 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 51.09 Mbit/s

95th percentile per-packet one-way delay: 37.808 ms

Loss rate: 0.17%

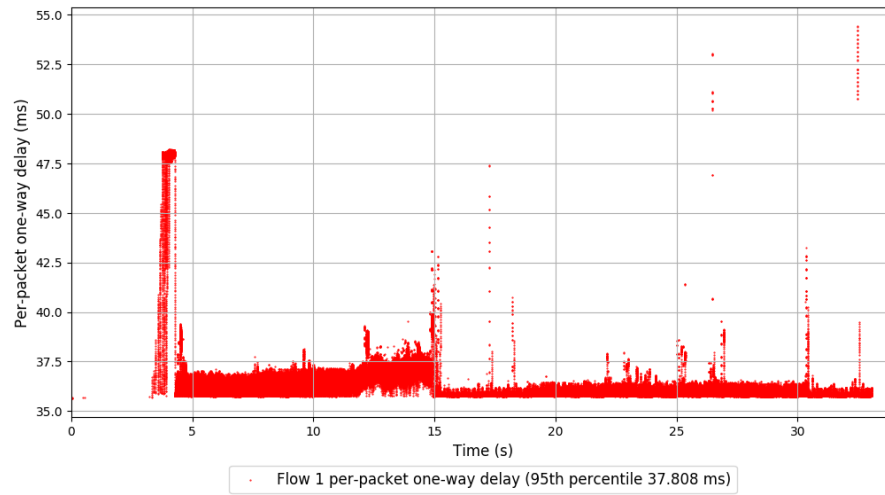
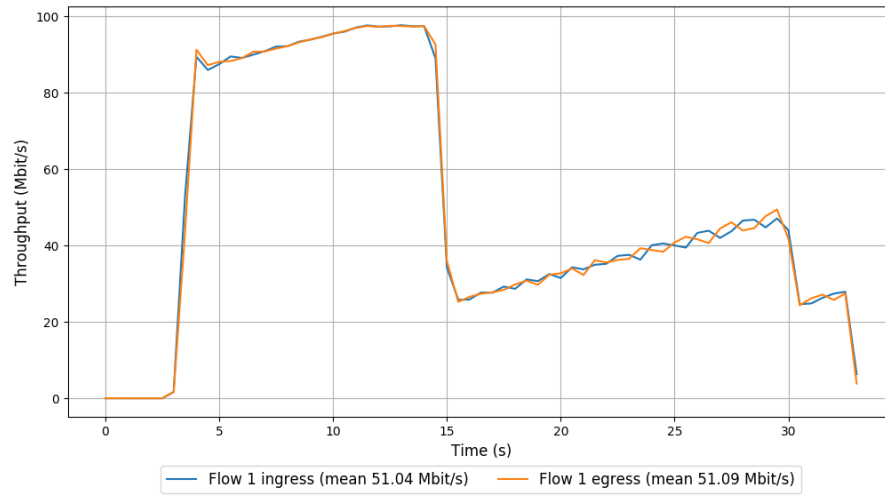
-- Flow 1:

Average throughput: 51.09 Mbit/s

95th percentile per-packet one-way delay: 37.808 ms

Loss rate: 0.17%

Run 7: Report of TCP Vegas — Data Link



Run 8: Statistics of TCP Vegas

Start at: Wed, 14 Jun 2017 10:16:36 +0000

End at: Wed, 14 Jun 2017 10:17:06 +0000

Local clock offset: -0.046 ms

Remote clock offset: -2.797 ms

Below is generated by plot.py at Wed, 14 Jun 2017 12:01:05 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 56.14 Mbit/s

95th percentile per-packet one-way delay: 47.252 ms

Loss rate: 0.24%

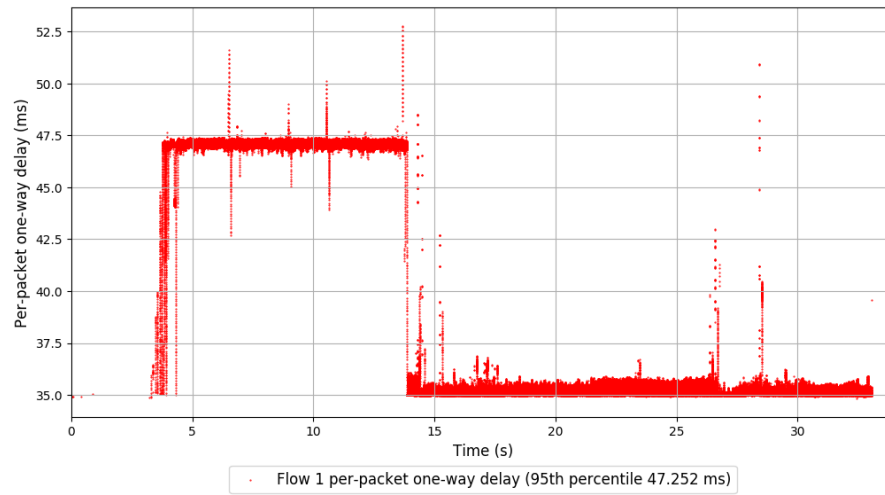
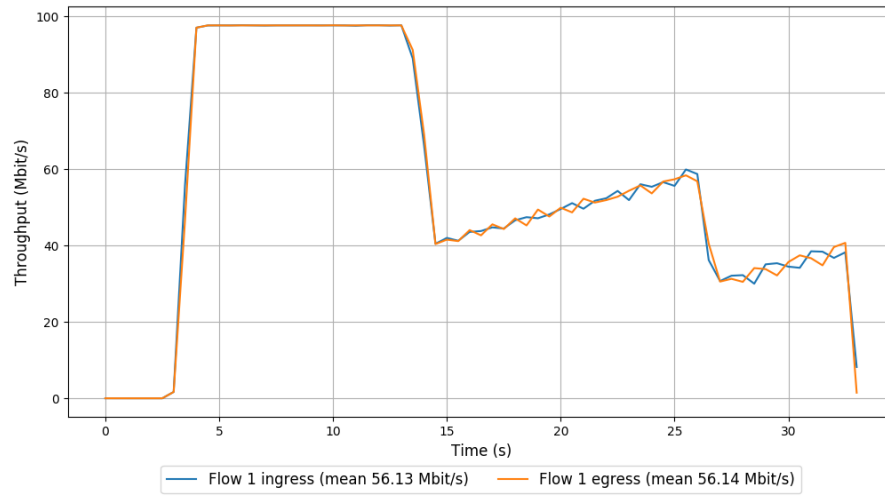
-- Flow 1:

Average throughput: 56.14 Mbit/s

95th percentile per-packet one-way delay: 47.252 ms

Loss rate: 0.24%

Run 8: Report of TCP Vegas — Data Link



Run 9: Statistics of TCP Vegas

Start at: Wed, 14 Jun 2017 10:36:19 +0000

End at: Wed, 14 Jun 2017 10:36:49 +0000

Local clock offset: 0.617 ms

Remote clock offset: -3.398 ms

Below is generated by plot.py at Wed, 14 Jun 2017 12:01:10 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 44.67 Mbit/s

95th percentile per-packet one-way delay: 38.575 ms

Loss rate: 0.32%

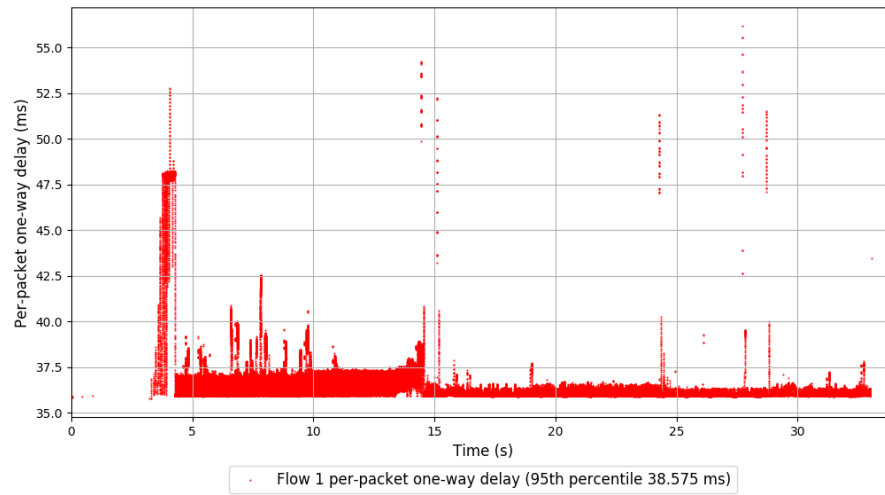
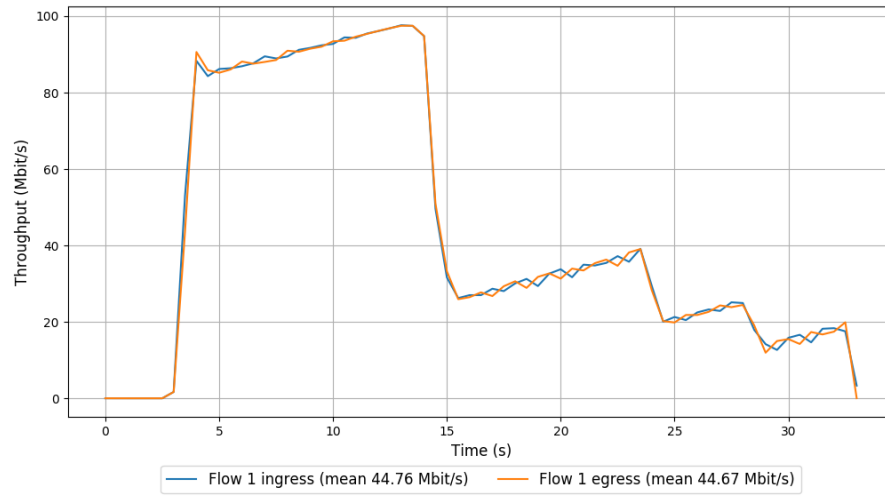
-- Flow 1:

Average throughput: 44.67 Mbit/s

95th percentile per-packet one-way delay: 38.575 ms

Loss rate: 0.32%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: Wed, 14 Jun 2017 10:56:02 +0000

End at: Wed, 14 Jun 2017 10:56:32 +0000

Local clock offset: 0.372 ms

Remote clock offset: -3.37 ms

Below is generated by plot.py at Wed, 14 Jun 2017 12:01:11 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 33.91 Mbit/s

95th percentile per-packet one-way delay: 47.603 ms

Loss rate: 0.37%

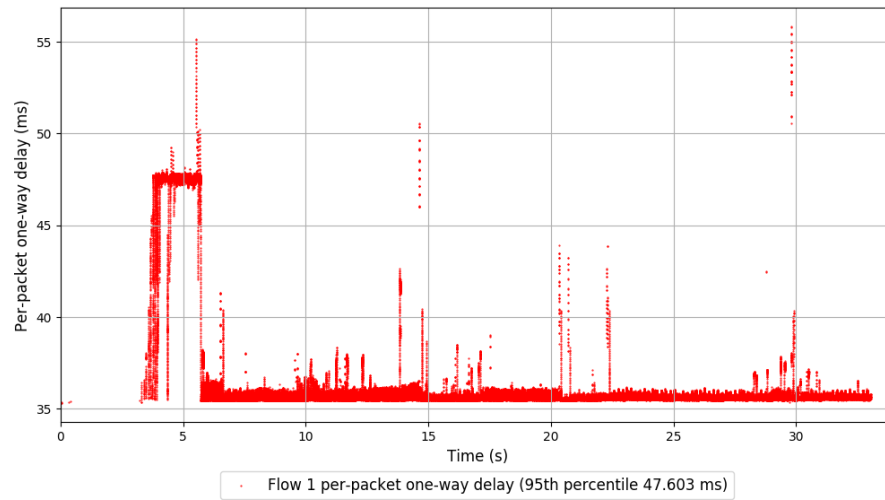
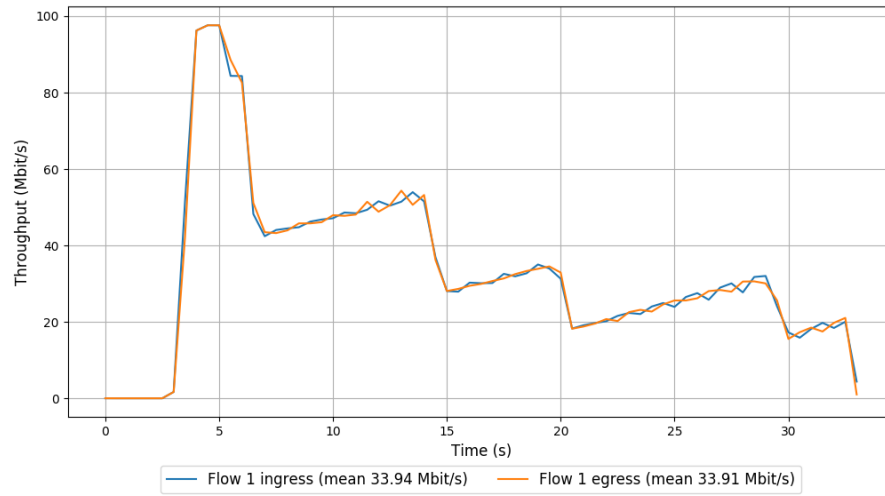
-- Flow 1:

Average throughput: 33.91 Mbit/s

95th percentile per-packet one-way delay: 47.603 ms

Loss rate: 0.37%

Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: Wed, 14 Jun 2017 08:02:26 +0000

End at: Wed, 14 Jun 2017 08:02:56 +0000

Local clock offset: 0.335 ms

Remote clock offset: -9.505 ms

Below is generated by plot.py at Wed, 14 Jun 2017 12:01:21 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 68.28 Mbit/s

95th percentile per-packet one-way delay: 49.500 ms

Loss rate: 1.19%

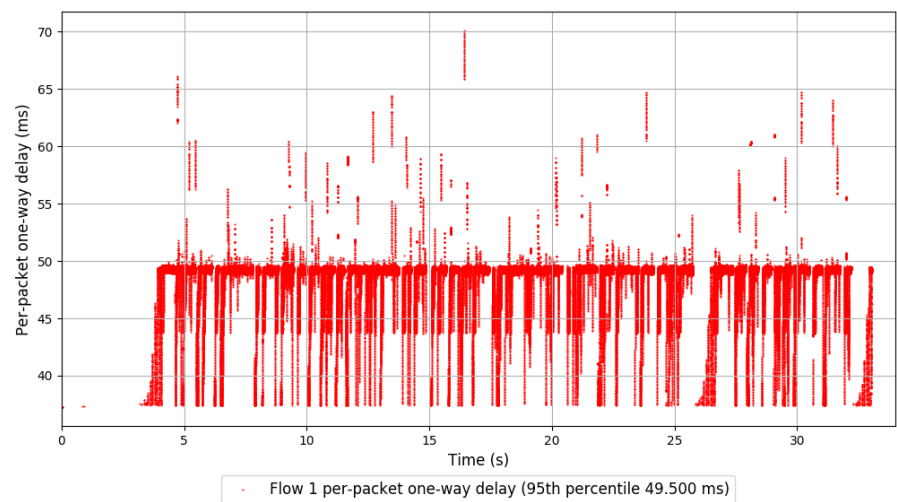
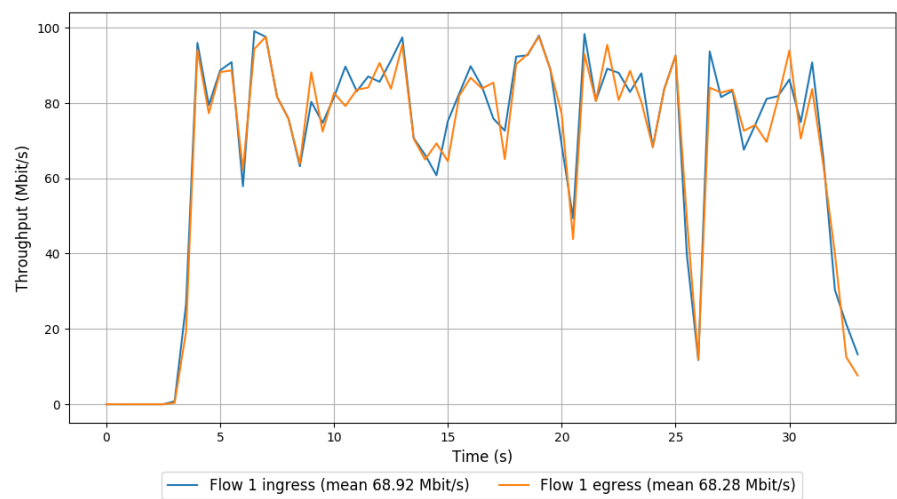
-- Flow 1:

Average throughput: 68.28 Mbit/s

95th percentile per-packet one-way delay: 49.500 ms

Loss rate: 1.19%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: Wed, 14 Jun 2017 08:22:11 +0000

End at: Wed, 14 Jun 2017 08:22:41 +0000

Local clock offset: -0.567 ms

Remote clock offset: -8.958 ms

Below is generated by plot.py at Wed, 14 Jun 2017 12:01:21 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 63.62 Mbit/s

95th percentile per-packet one-way delay: 49.568 ms

Loss rate: 0.69%

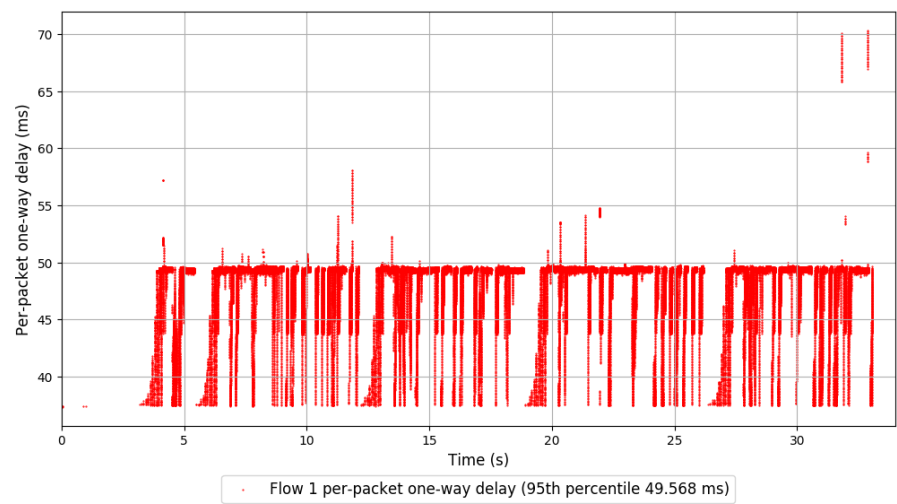
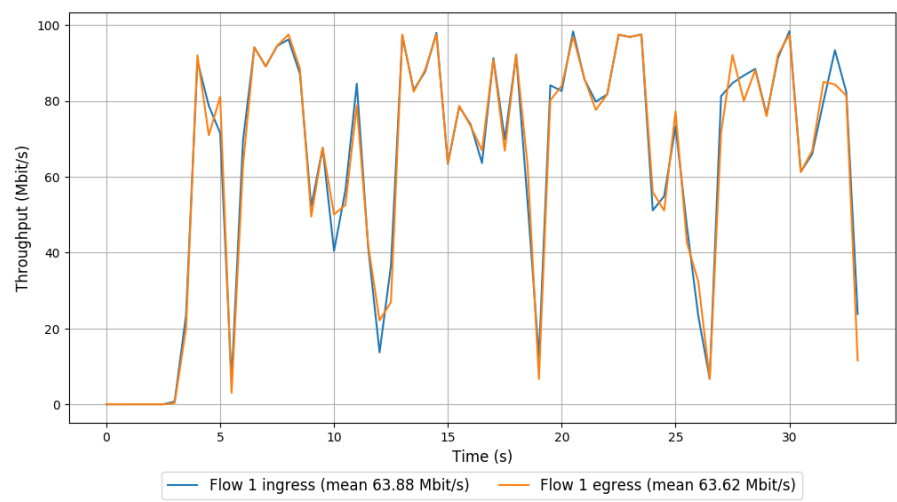
-- Flow 1:

Average throughput: 63.62 Mbit/s

95th percentile per-packet one-way delay: 49.568 ms

Loss rate: 0.69%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: Wed, 14 Jun 2017 08:42:13 +0000

End at: Wed, 14 Jun 2017 08:42:43 +0000

Local clock offset: -1.572 ms

Remote clock offset: -3.681 ms

Below is generated by plot.py at Wed, 14 Jun 2017 12:01:30 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 56.53 Mbit/s

95th percentile per-packet one-way delay: 52.047 ms

Loss rate: 0.62%

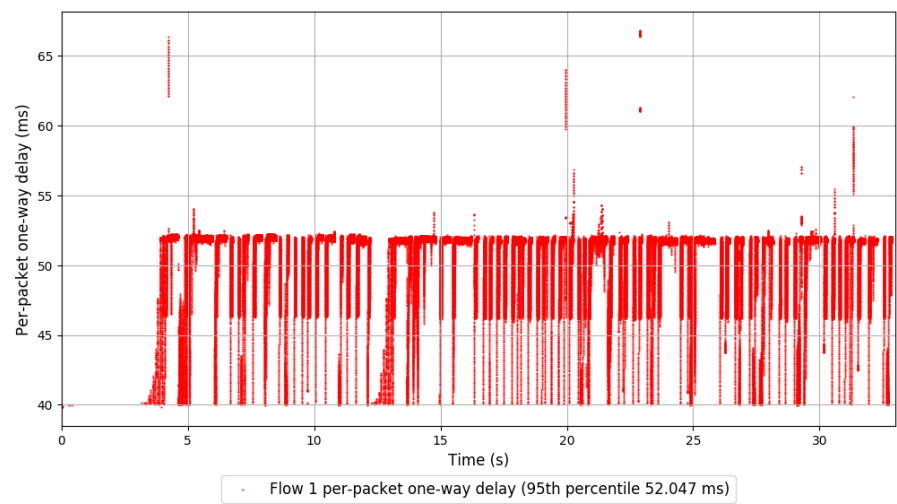
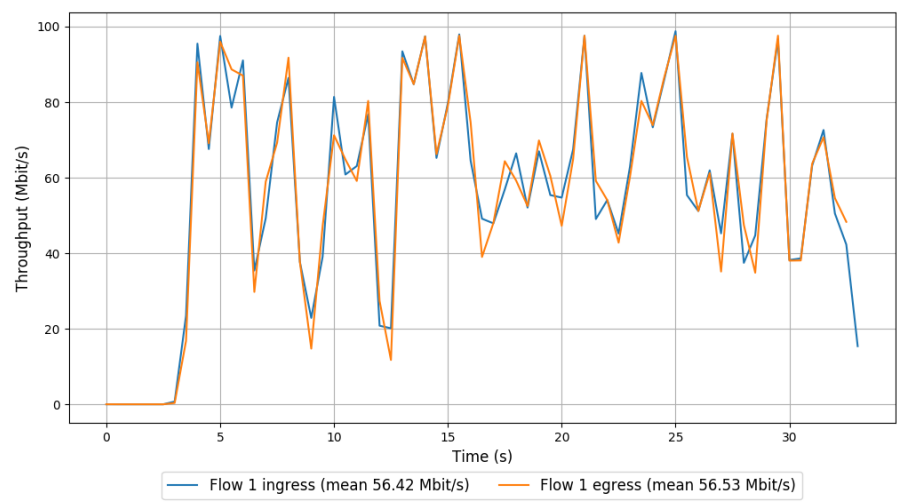
-- Flow 1:

Average throughput: 56.53 Mbit/s

95th percentile per-packet one-way delay: 52.047 ms

Loss rate: 0.62%

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: Wed, 14 Jun 2017 09:01:54 +0000

End at: Wed, 14 Jun 2017 09:02:24 +0000

Local clock offset: -1.365 ms

Remote clock offset: -4.05 ms

Below is generated by plot.py at Wed, 14 Jun 2017 12:01:31 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 57.01 Mbit/s

95th percentile per-packet one-way delay: 51.646 ms

Loss rate: 0.06%

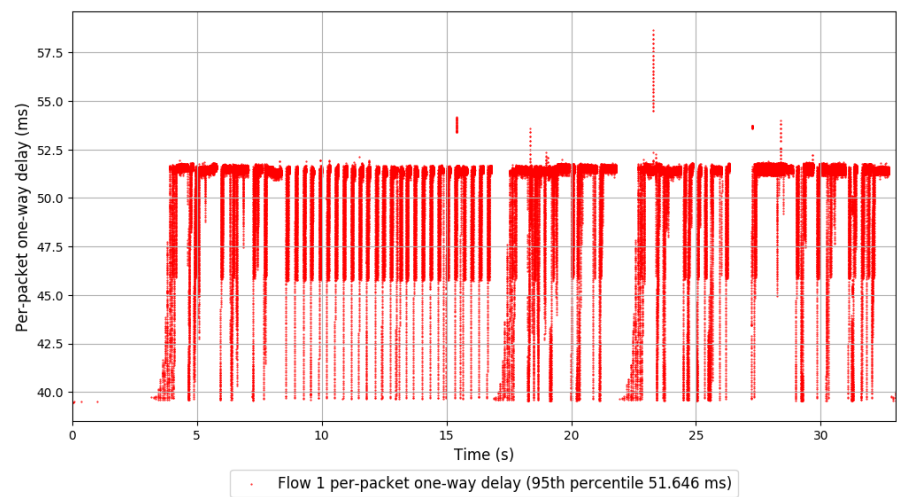
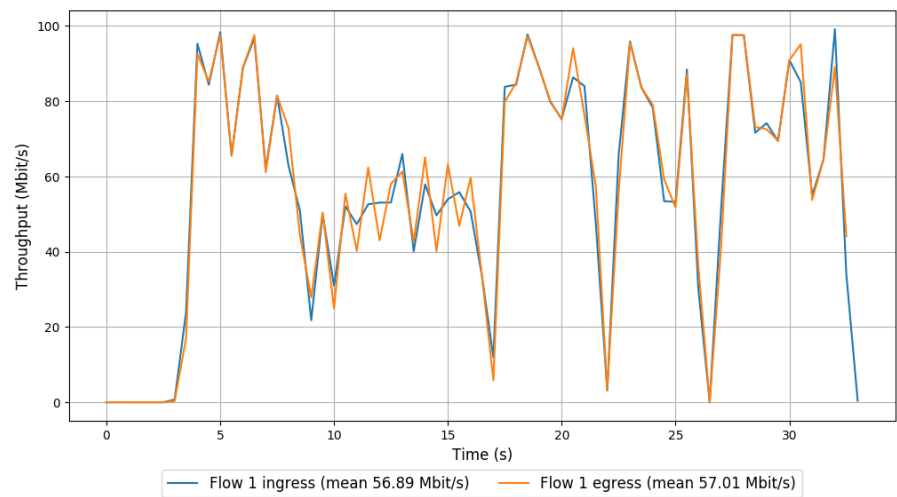
-- Flow 1:

Average throughput: 57.01 Mbit/s

95th percentile per-packet one-way delay: 51.646 ms

Loss rate: 0.06%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: Wed, 14 Jun 2017 09:21:29 +0000

End at: Wed, 14 Jun 2017 09:21:59 +0000

Local clock offset: -1.133 ms

Remote clock offset: -4.211 ms

Below is generated by plot.py at Wed, 14 Jun 2017 12:01:41 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 64.29 Mbit/s

95th percentile per-packet one-way delay: 49.635 ms

Loss rate: 1.07%

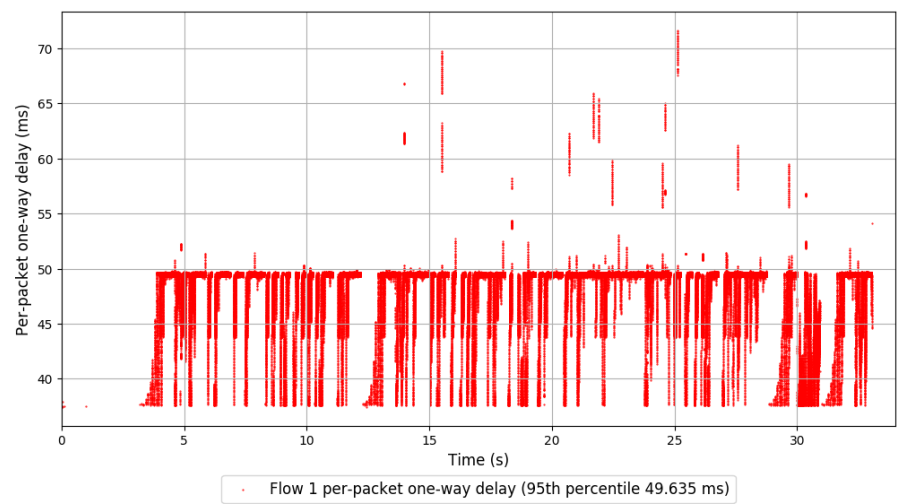
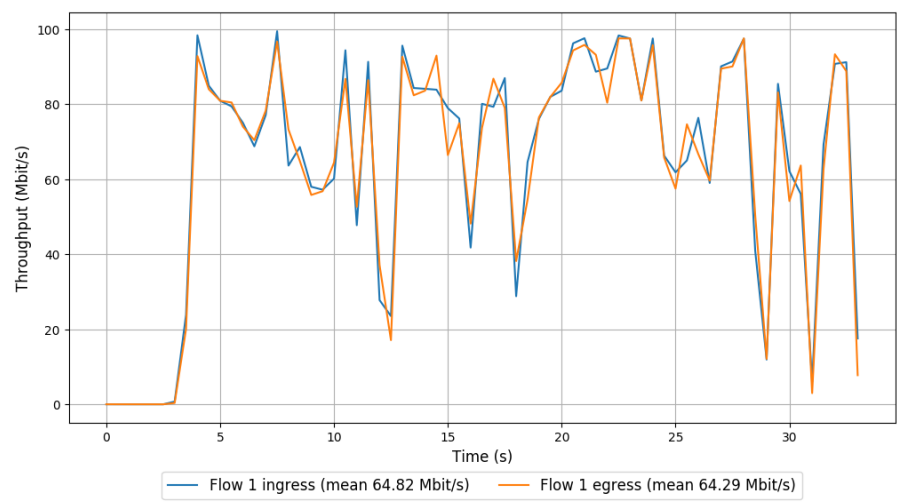
-- Flow 1:

Average throughput: 64.29 Mbit/s

95th percentile per-packet one-way delay: 49.635 ms

Loss rate: 1.07%

Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: Wed, 14 Jun 2017 09:41:02 +0000

End at: Wed, 14 Jun 2017 09:41:32 +0000

Local clock offset: -0.75 ms

Remote clock offset: -0.216 ms

Below is generated by plot.py at Wed, 14 Jun 2017 12:01:41 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 72.06 Mbit/s

95th percentile per-packet one-way delay: 50.381 ms

Loss rate: 0.72%

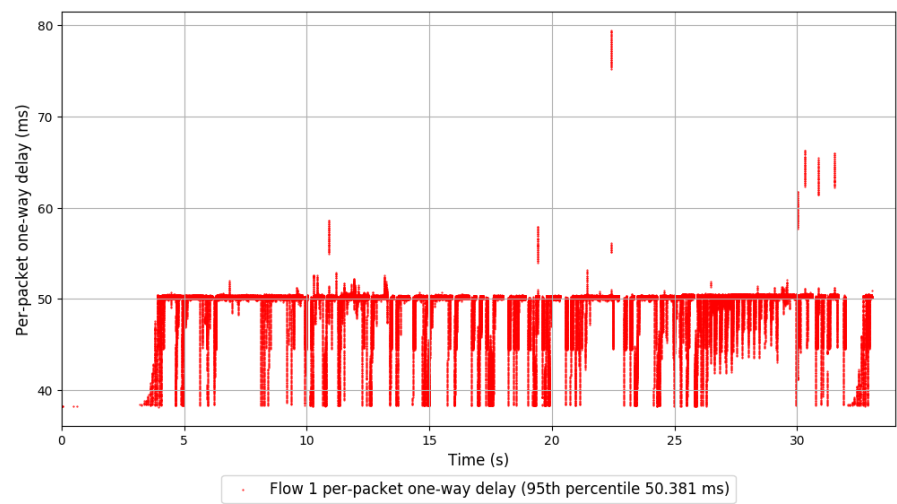
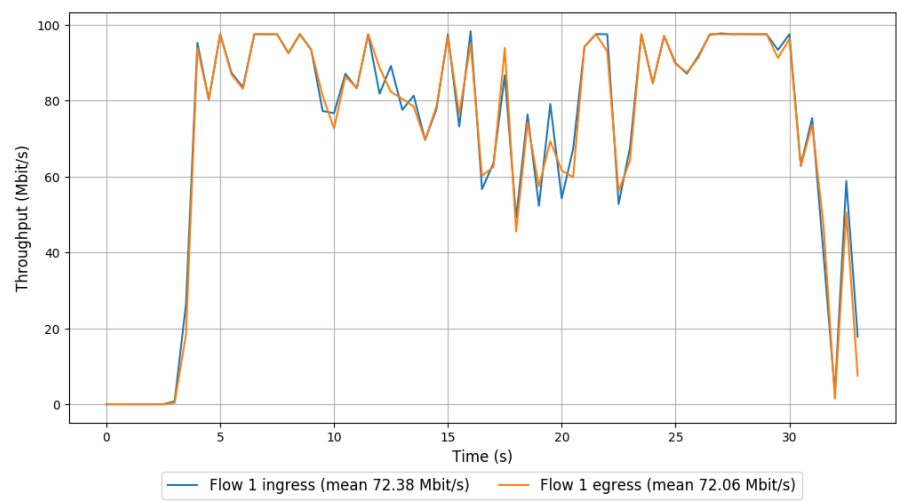
-- Flow 1:

Average throughput: 72.06 Mbit/s

95th percentile per-packet one-way delay: 50.381 ms

Loss rate: 0.72%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: Wed, 14 Jun 2017 10:00:47 +0000

End at: Wed, 14 Jun 2017 10:01:17 +0000

Local clock offset: -0.345 ms

Remote clock offset: -2.761 ms

Below is generated by plot.py at Wed, 14 Jun 2017 12:01:52 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 65.73 Mbit/s

95th percentile per-packet one-way delay: 47.670 ms

Loss rate: 0.60%

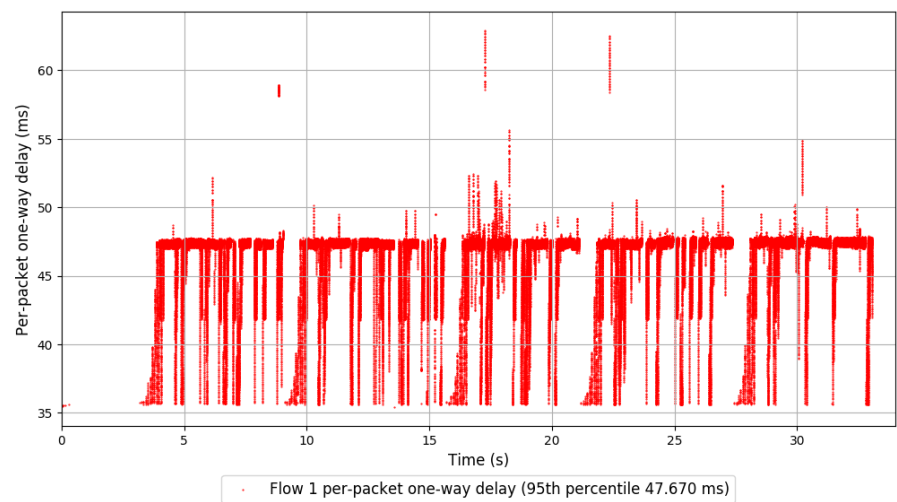
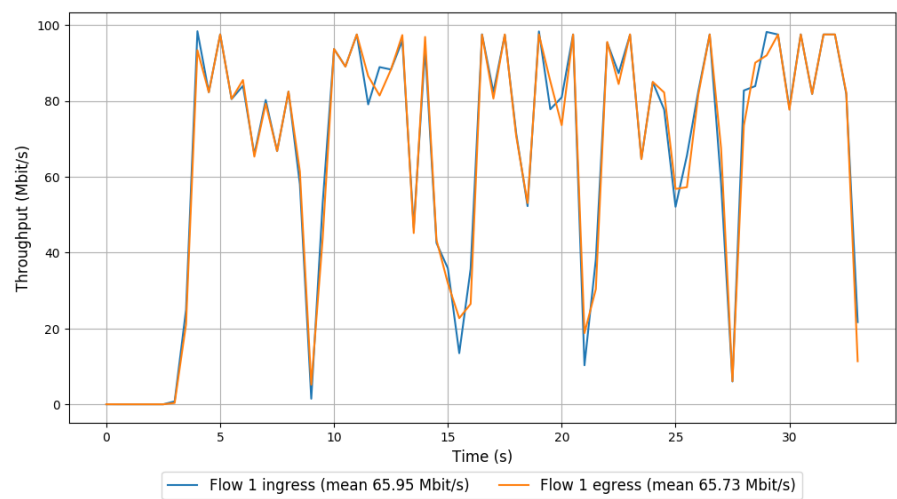
-- Flow 1:

Average throughput: 65.73 Mbit/s

95th percentile per-packet one-way delay: 47.670 ms

Loss rate: 0.60%

Run 7: Report of Verus — Data Link



Run 8: Statistics of Verus

Start at: Wed, 14 Jun 2017 10:20:32 +0000

End at: Wed, 14 Jun 2017 10:21:02 +0000

Local clock offset: 0.096 ms

Remote clock offset: -3.374 ms

Below is generated by plot.py at Wed, 14 Jun 2017 12:01:52 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 62.27 Mbit/s

95th percentile per-packet one-way delay: 46.865 ms

Loss rate: 0.54%

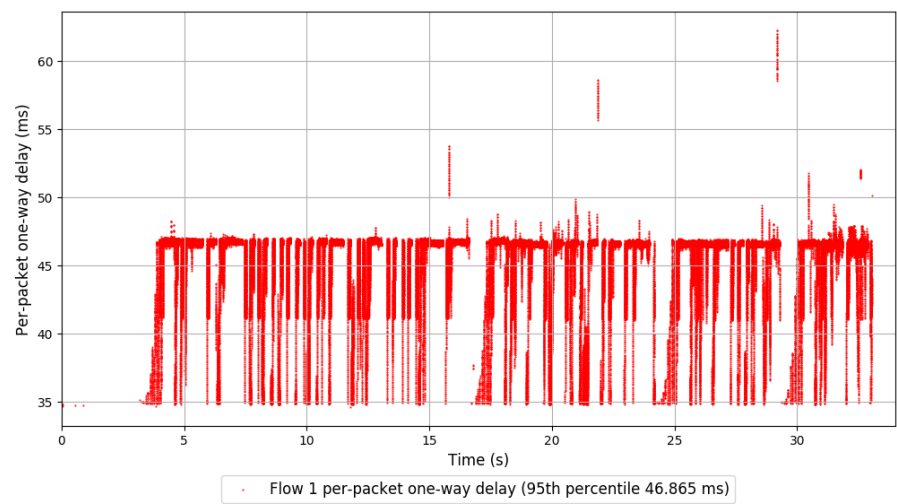
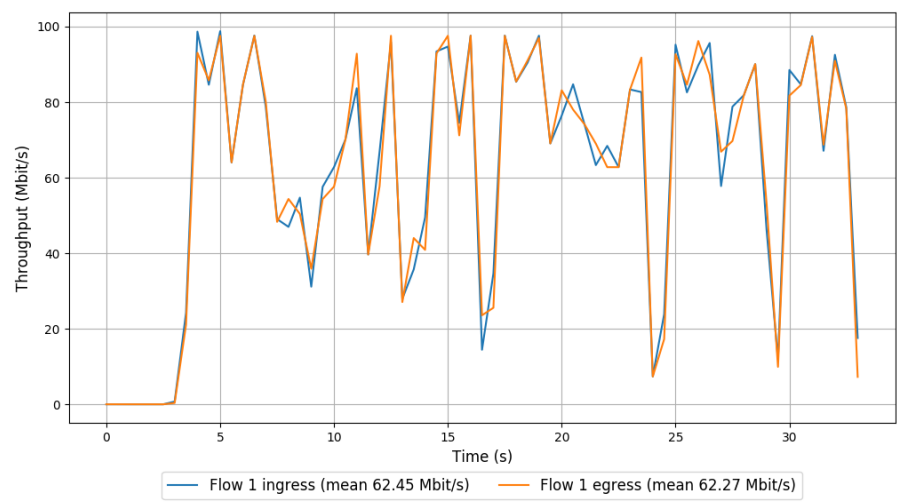
-- Flow 1:

Average throughput: 62.27 Mbit/s

95th percentile per-packet one-way delay: 46.865 ms

Loss rate: 0.54%

Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

Start at: Wed, 14 Jun 2017 10:40:14 +0000

End at: Wed, 14 Jun 2017 10:40:44 +0000

Local clock offset: 0.7 ms

Remote clock offset: -5.578 ms

Below is generated by plot.py at Wed, 14 Jun 2017 12:02:02 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 63.76 Mbit/s

95th percentile per-packet one-way delay: 46.341 ms

Loss rate: 0.81%

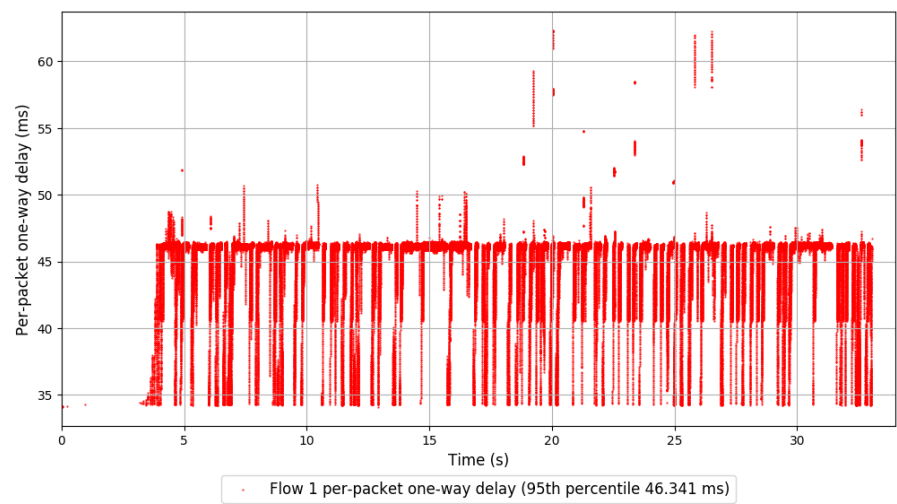
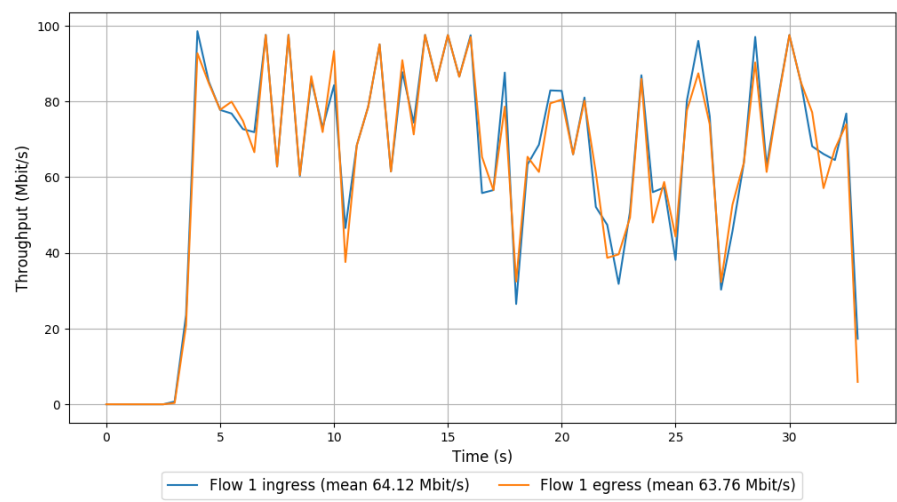
-- Flow 1:

Average throughput: 63.76 Mbit/s

95th percentile per-packet one-way delay: 46.341 ms

Loss rate: 0.81%

Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

Start at: Wed, 14 Jun 2017 10:59:57 +0000

End at: Wed, 14 Jun 2017 11:00:27 +0000

Local clock offset: 0.342 ms

Remote clock offset: -3.529 ms

Below is generated by plot.py at Wed, 14 Jun 2017 12:02:02 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 65.70 Mbit/s

95th percentile per-packet one-way delay: 48.433 ms

Loss rate: 0.37%

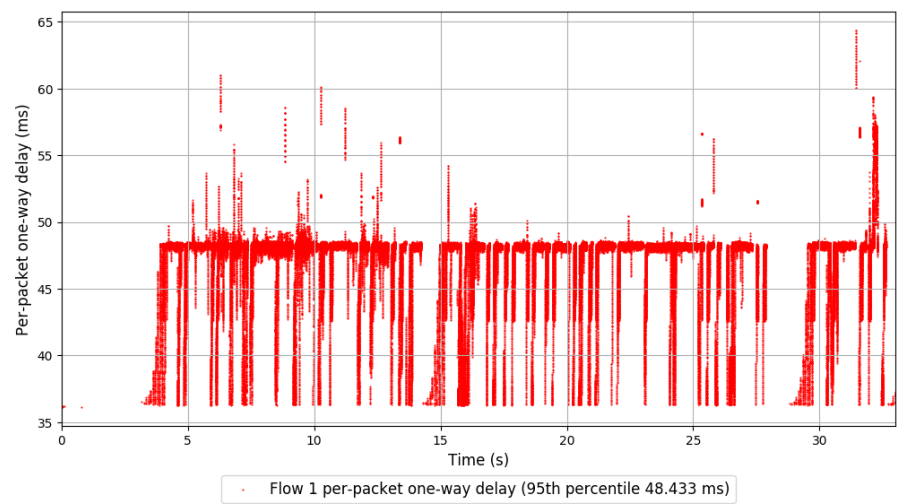
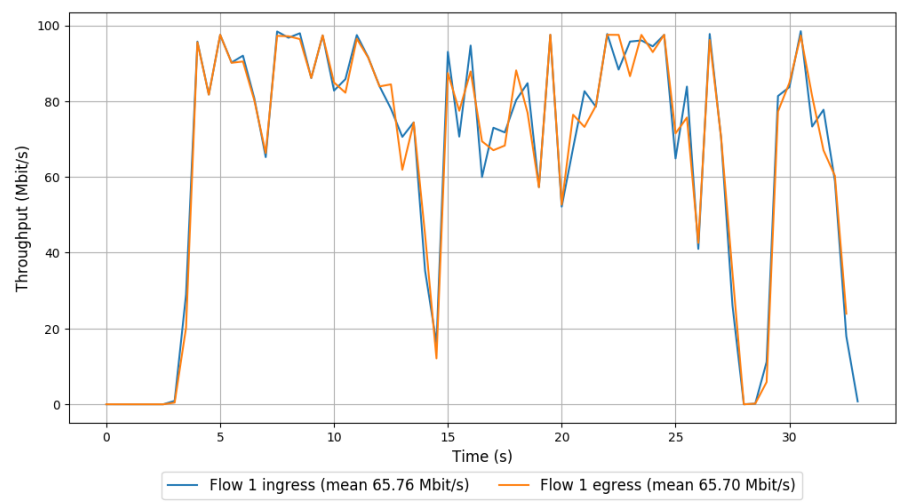
-- Flow 1:

Average throughput: 65.70 Mbit/s

95th percentile per-packet one-way delay: 48.433 ms

Loss rate: 0.37%

Run 10: Report of Verus — Data Link



Run 1: Statistics of WebRTC media

Start at: Wed, 14 Jun 2017 07:59:49 +0000

End at: Wed, 14 Jun 2017 08:00:19 +0000

Local clock offset: 0.184 ms

Remote clock offset: -11.609 ms

Below is generated by plot.py at Wed, 14 Jun 2017 12:02:03 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.27 Mbit/s

95th percentile per-packet one-way delay: 37.945 ms

Loss rate: 0.33%

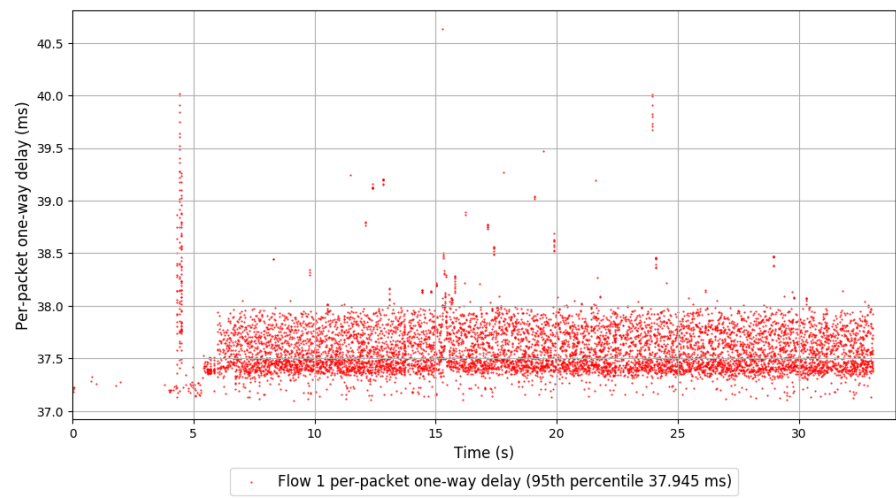
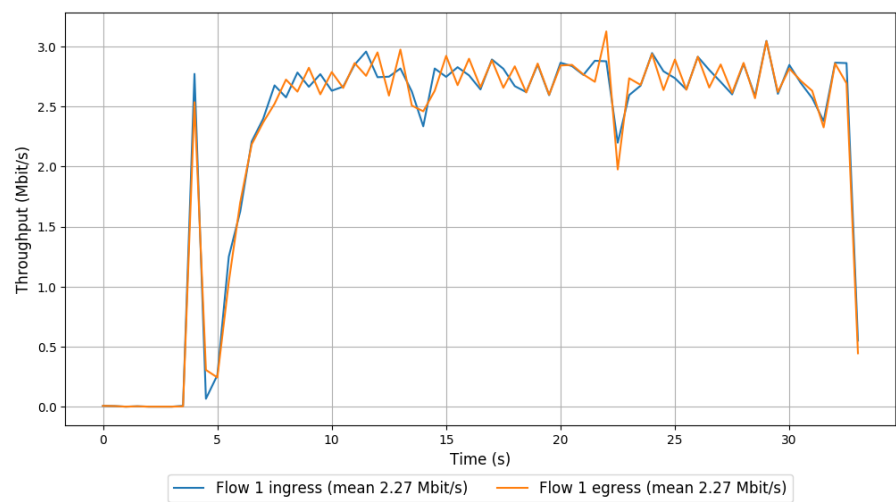
-- Flow 1:

Average throughput: 2.27 Mbit/s

95th percentile per-packet one-way delay: 37.945 ms

Loss rate: 0.33%

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: Wed, 14 Jun 2017 08:19:34 +0000

End at: Wed, 14 Jun 2017 08:20:04 +0000

Local clock offset: -0.47 ms

Remote clock offset: -8.882 ms

Below is generated by plot.py at Wed, 14 Jun 2017 12:02:04 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.27 Mbit/s

95th percentile per-packet one-way delay: 39.432 ms

Loss rate: 0.33%

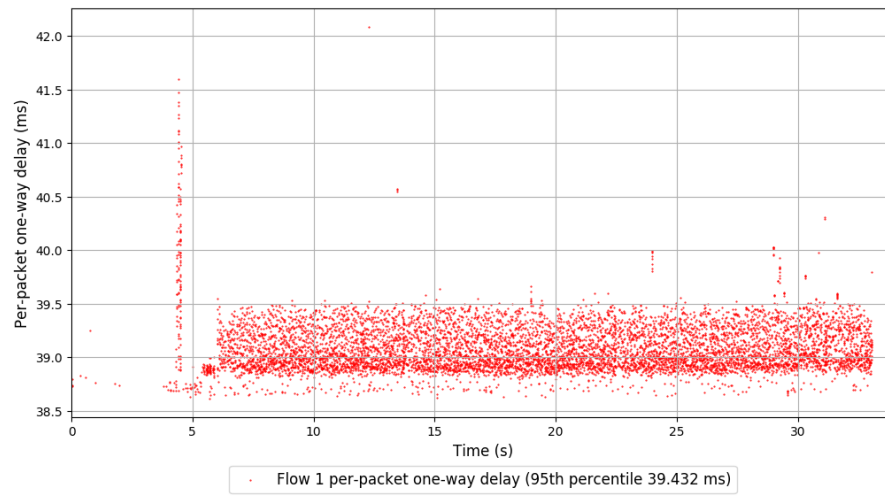
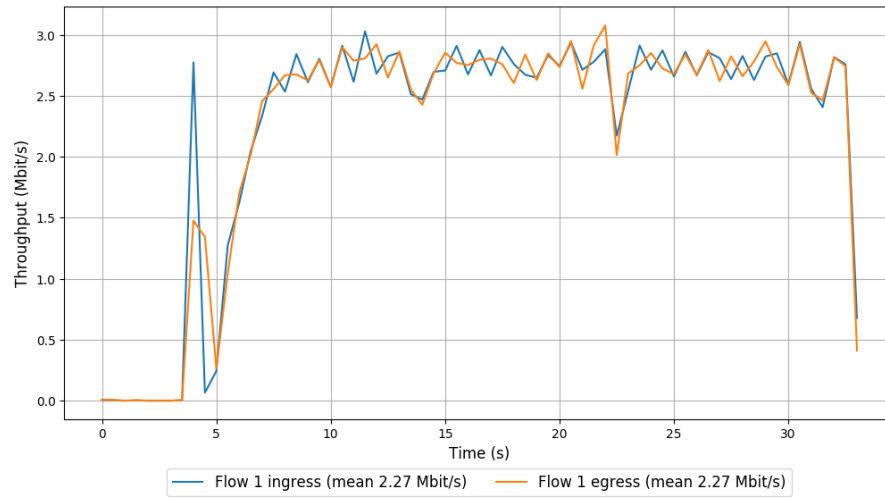
-- Flow 1:

Average throughput: 2.27 Mbit/s

95th percentile per-packet one-way delay: 39.432 ms

Loss rate: 0.33%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: Wed, 14 Jun 2017 08:39:36 +0000

End at: Wed, 14 Jun 2017 08:40:06 +0000

Local clock offset: -1.442 ms

Remote clock offset: -4.063 ms

Below is generated by plot.py at Wed, 14 Jun 2017 12:02:05 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.27 Mbit/s

95th percentile per-packet one-way delay: 40.569 ms

Loss rate: 0.30%

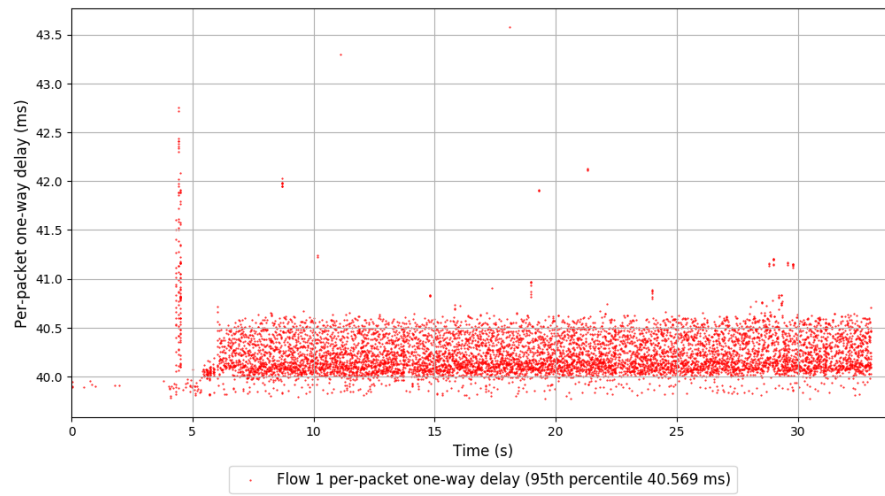
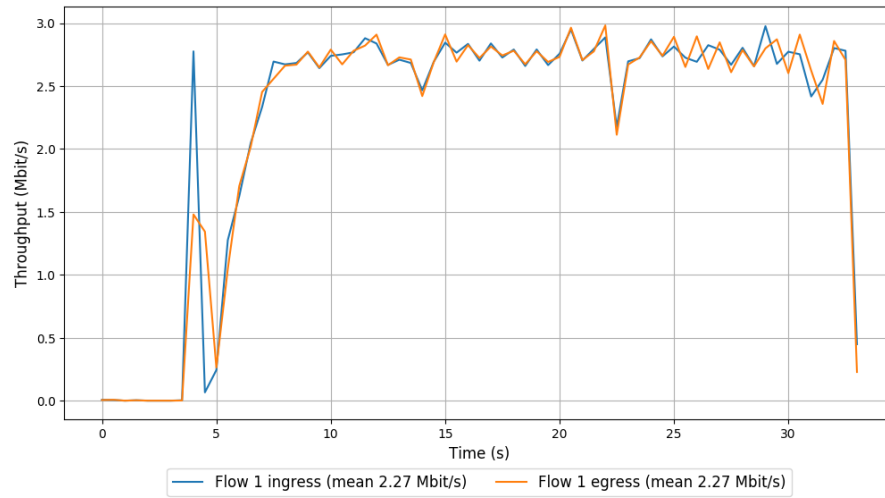
-- Flow 1:

Average throughput: 2.27 Mbit/s

95th percentile per-packet one-way delay: 40.569 ms

Loss rate: 0.30%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: Wed, 14 Jun 2017 08:59:18 +0000

End at: Wed, 14 Jun 2017 08:59:48 +0000

Local clock offset: -1.41 ms

Remote clock offset: -3.628 ms

Below is generated by plot.py at Wed, 14 Jun 2017 12:02:05 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.27 Mbit/s

95th percentile per-packet one-way delay: 40.215 ms

Loss rate: 0.30%

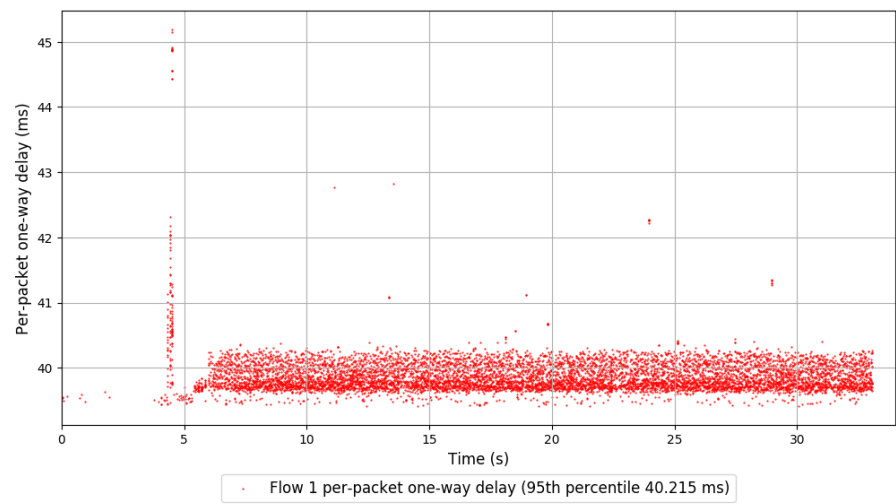
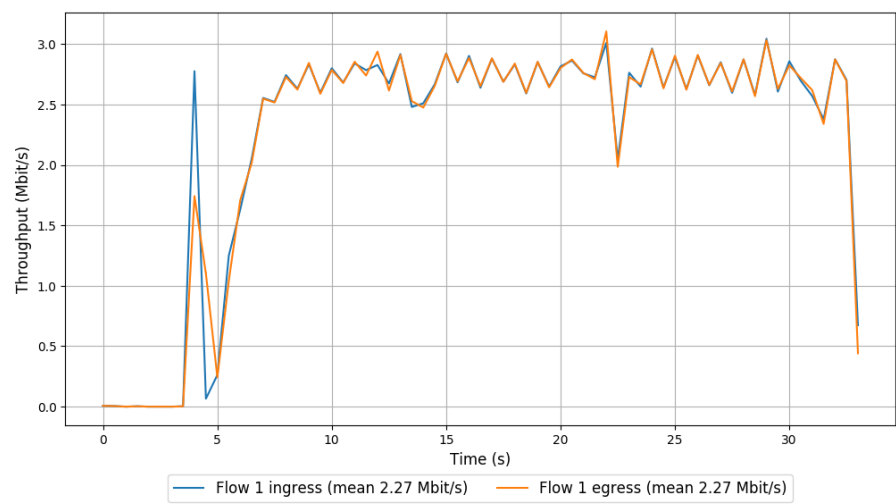
-- Flow 1:

Average throughput: 2.27 Mbit/s

95th percentile per-packet one-way delay: 40.215 ms

Loss rate: 0.30%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: Wed, 14 Jun 2017 09:18:52 +0000

End at: Wed, 14 Jun 2017 09:19:22 +0000

Local clock offset: -1.148 ms

Remote clock offset: -1.861 ms

Below is generated by plot.py at Wed, 14 Jun 2017 12:02:07 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.27 Mbit/s

95th percentile per-packet one-way delay: 38.226 ms

Loss rate: 0.45%

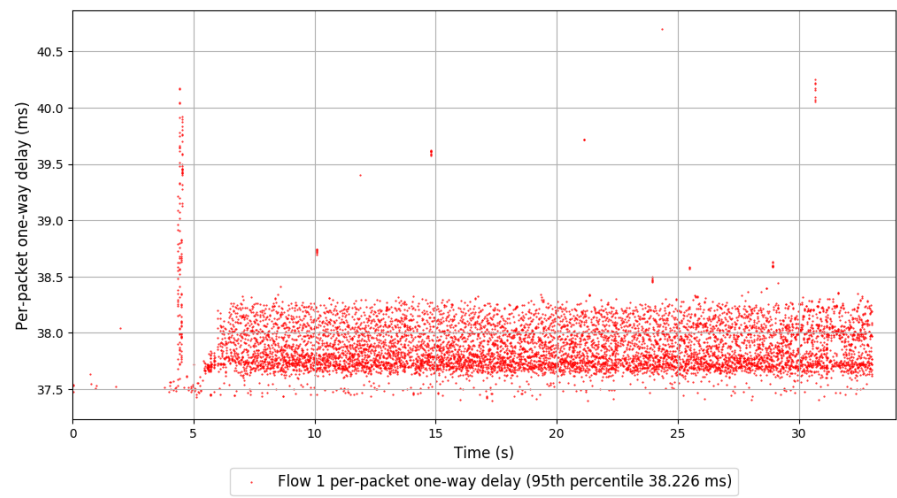
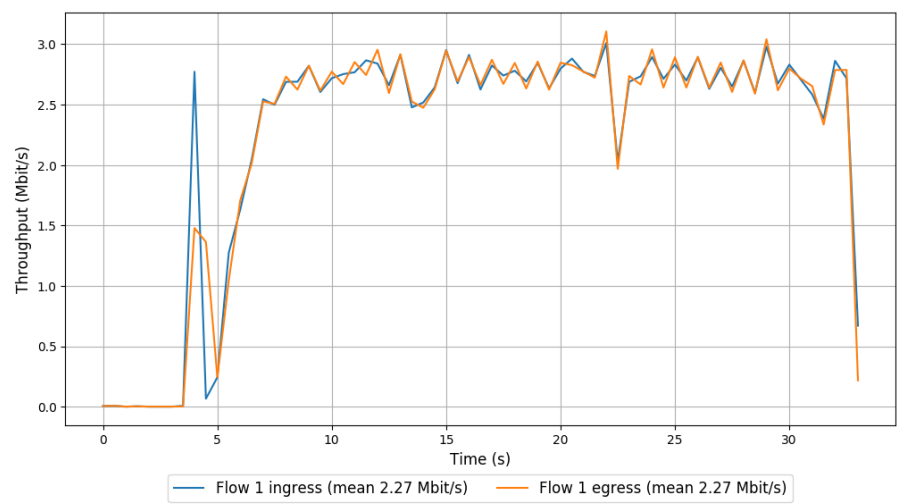
-- Flow 1:

Average throughput: 2.27 Mbit/s

95th percentile per-packet one-way delay: 38.226 ms

Loss rate: 0.45%

Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: Wed, 14 Jun 2017 09:38:26 +0000

End at: Wed, 14 Jun 2017 09:38:56 +0000

Local clock offset: -0.966 ms

Remote clock offset: -0.457 ms

Below is generated by plot.py at Wed, 14 Jun 2017 12:02:07 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.25 Mbit/s

95th percentile per-packet one-way delay: 39.107 ms

Loss rate: 0.40%

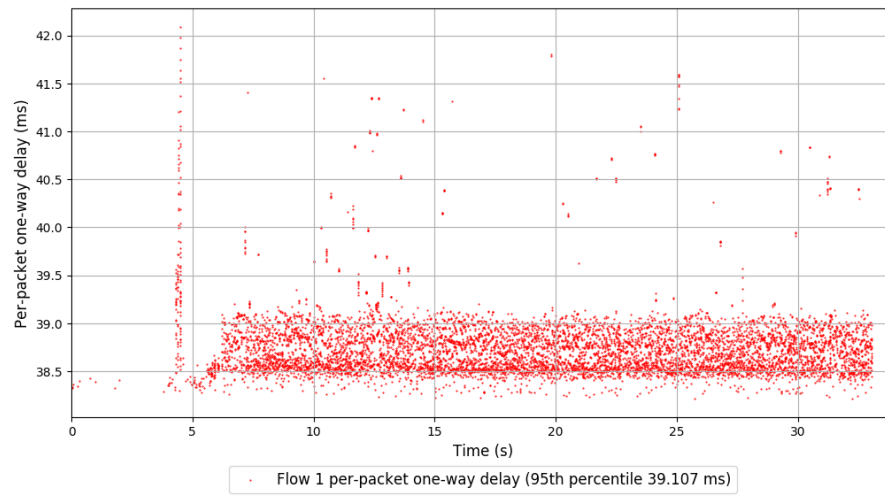
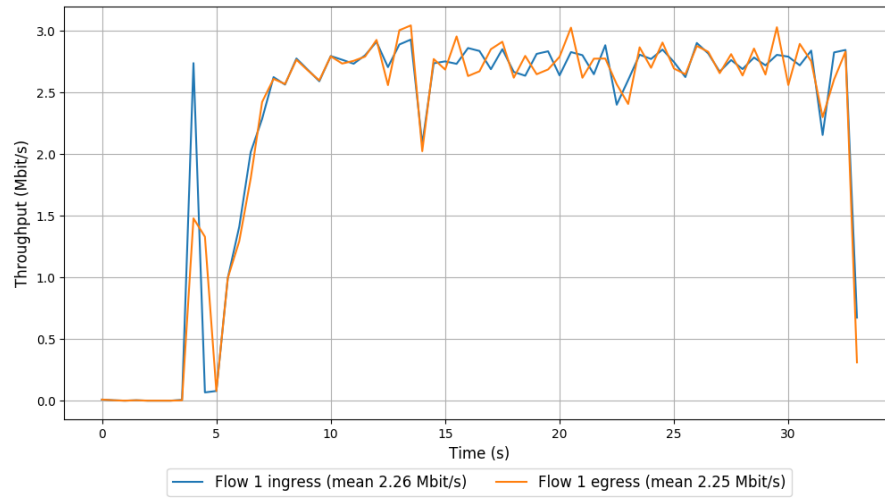
-- Flow 1:

Average throughput: 2.25 Mbit/s

95th percentile per-packet one-way delay: 39.107 ms

Loss rate: 0.40%

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: Wed, 14 Jun 2017 09:58:10 +0000

End at: Wed, 14 Jun 2017 09:58:40 +0000

Local clock offset: -0.479 ms

Remote clock offset: -5.144 ms

Below is generated by plot.py at Wed, 14 Jun 2017 12:02:08 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.27 Mbit/s

95th percentile per-packet one-way delay: 37.877 ms

Loss rate: 0.30%

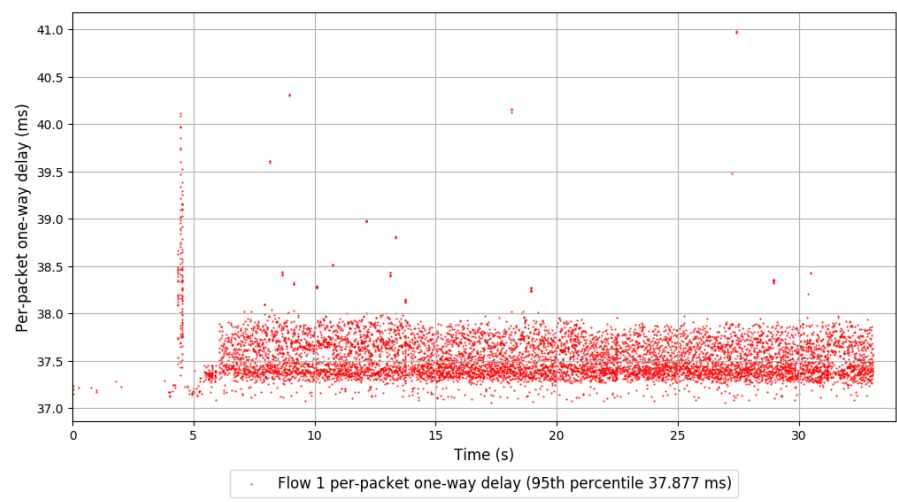
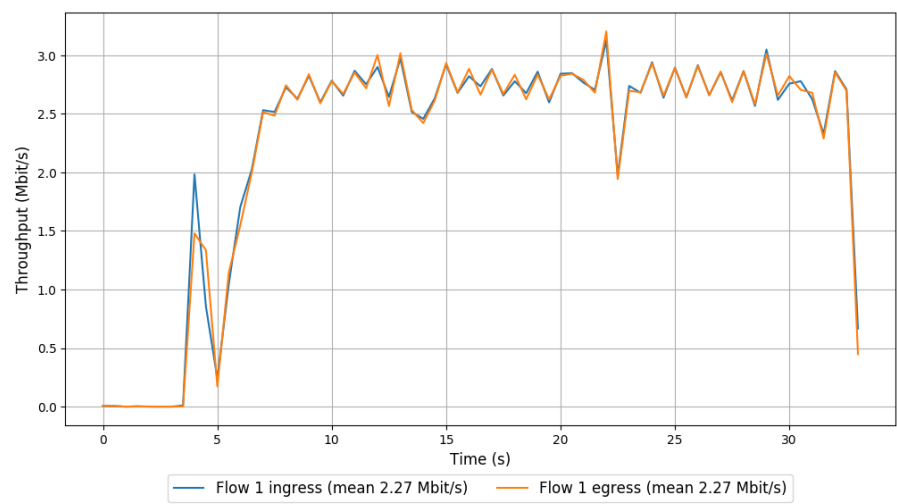
-- Flow 1:

Average throughput: 2.27 Mbit/s

95th percentile per-packet one-way delay: 37.877 ms

Loss rate: 0.30%

Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

Start at: Wed, 14 Jun 2017 10:17:55 +0000

End at: Wed, 14 Jun 2017 10:18:25 +0000

Local clock offset: 0.084 ms

Remote clock offset: -2.892 ms

Below is generated by plot.py at Wed, 14 Jun 2017 12:02:08 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.27 Mbit/s

95th percentile per-packet one-way delay: 36.497 ms

Loss rate: 0.44%

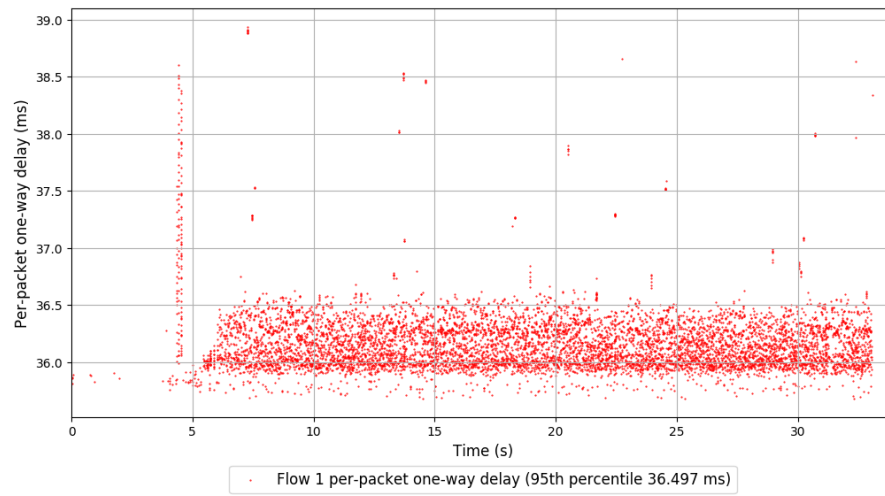
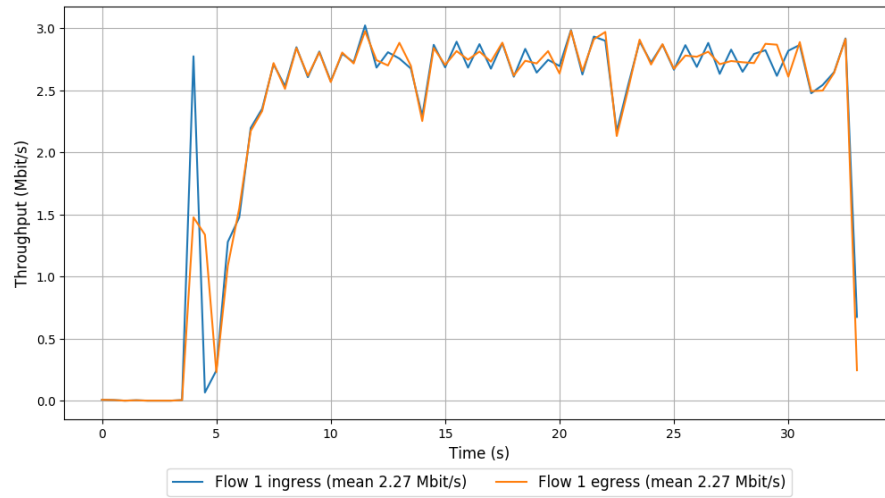
-- Flow 1:

Average throughput: 2.27 Mbit/s

95th percentile per-packet one-way delay: 36.497 ms

Loss rate: 0.44%

Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

Start at: Wed, 14 Jun 2017 10:37:37 +0000

End at: Wed, 14 Jun 2017 10:38:07 +0000

Local clock offset: 0.702 ms

Remote clock offset: -5.828 ms

Below is generated by plot.py at Wed, 14 Jun 2017 12:02:09 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.27 Mbit/s

95th percentile per-packet one-way delay: 35.858 ms

Loss rate: 0.44%

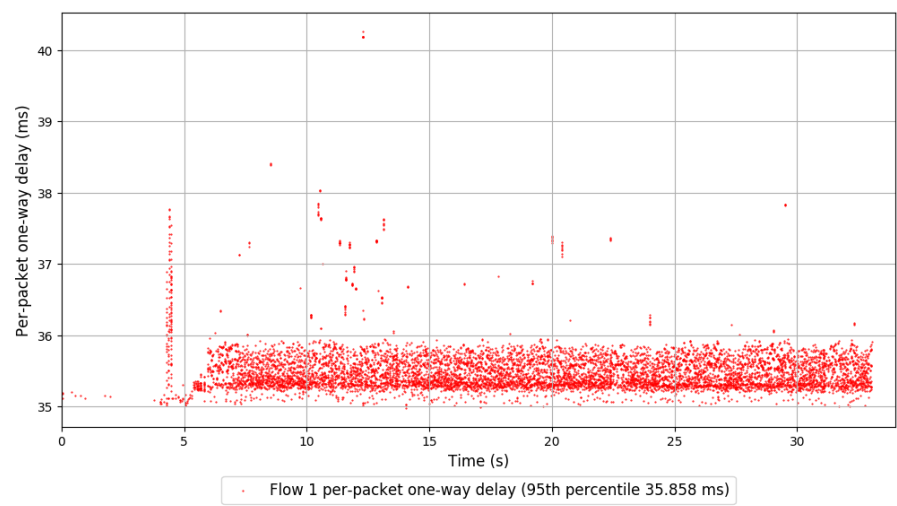
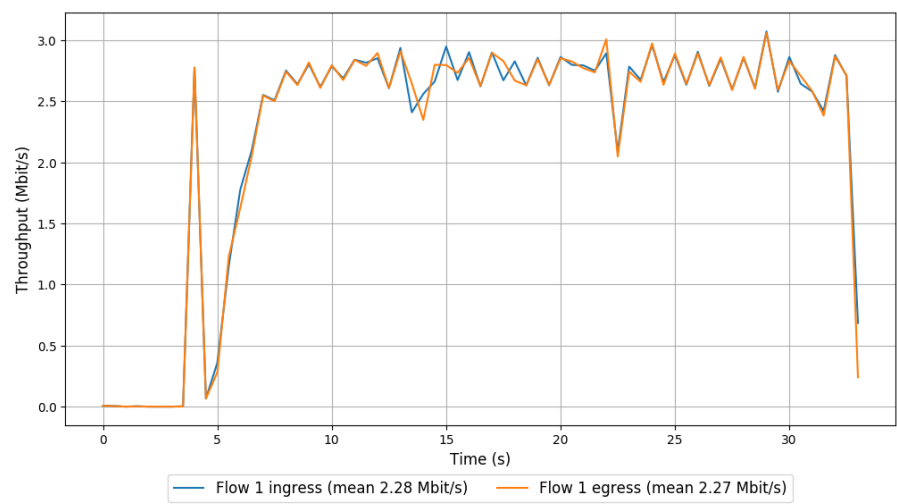
-- Flow 1:

Average throughput: 2.27 Mbit/s

95th percentile per-packet one-way delay: 35.858 ms

Loss rate: 0.44%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: Wed, 14 Jun 2017 10:57:20 +0000

End at: Wed, 14 Jun 2017 10:57:50 +0000

Local clock offset: 0.417 ms

Remote clock offset: -3.771 ms

Below is generated by plot.py at Wed, 14 Jun 2017 12:02:10 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.27 Mbit/s

95th percentile per-packet one-way delay: 36.062 ms

Loss rate: 0.30%

-- Flow 1:

Average throughput: 2.27 Mbit/s

95th percentile per-packet one-way delay: 36.062 ms

Loss rate: 0.30%

Run 10: Report of WebRTC media — Data Link

