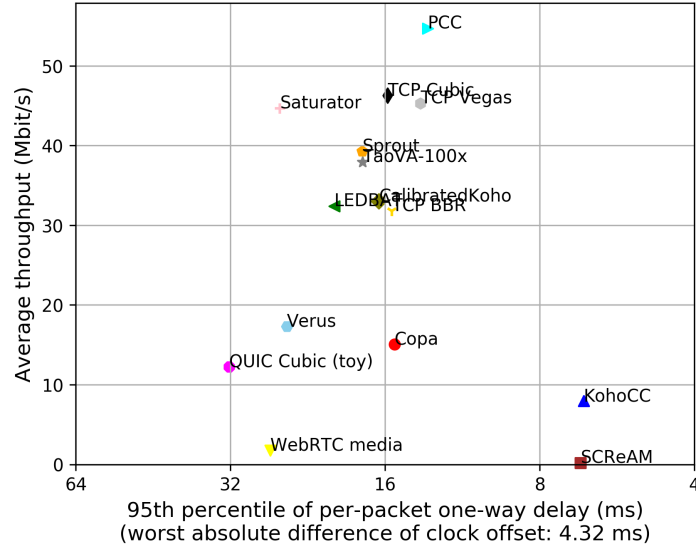


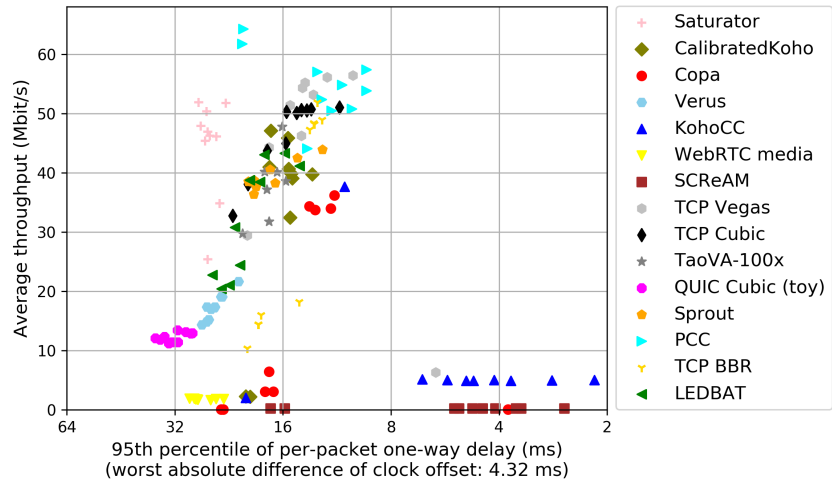
Pantheon Summary (Generated at Sat, 24 Jun 2017 02:28:06 +0000 with
pantheon version f1f579919e2382b18c1fb18b676e821e7efc0b62)
Repeated the test of 15 congestion control schemes 10 times.
Each test lasted for 30 seconds running 1 flow.
Data path **from** Brazil Ethernet **to** AWS Brazil 1 Ethernet.
NTP offset measured against gps.ntp.br.

```
git branch: master @ f1f579919e2382b18c1fb18b676e821e7efc0b62
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 @ f1a14bffe749737437f61b1eaeeb30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

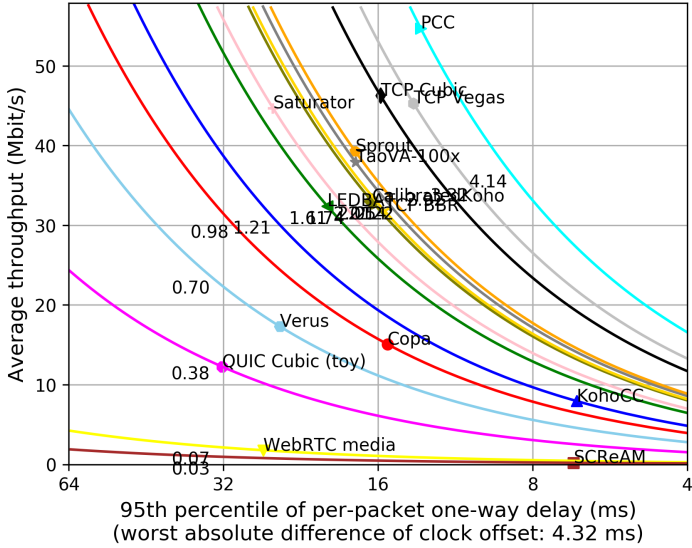
test from Brazil Ethernet to AWS Brazil 1 Ethernet, 10 runs of 30s each per scheme
mean of all runs by scheme



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



test from Brazil Ethernet to AWS Brazil 1 Ethernet, 10 runs of 30s each per scheme
mean power scores of all runs by scheme



Run 1: Statistics of TCP BBR

Start at: Fri, 23 Jun 2017 20:38:25 +0000

End at: Fri, 23 Jun 2017 20:38:55 +0000

Local clock offset: -2.497 ms

Remote clock offset: 0.014 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:02:33 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 51.88 Mbit/s

95th percentile per-packet one-way delay: 12.825 ms

Loss rate: 9.82%

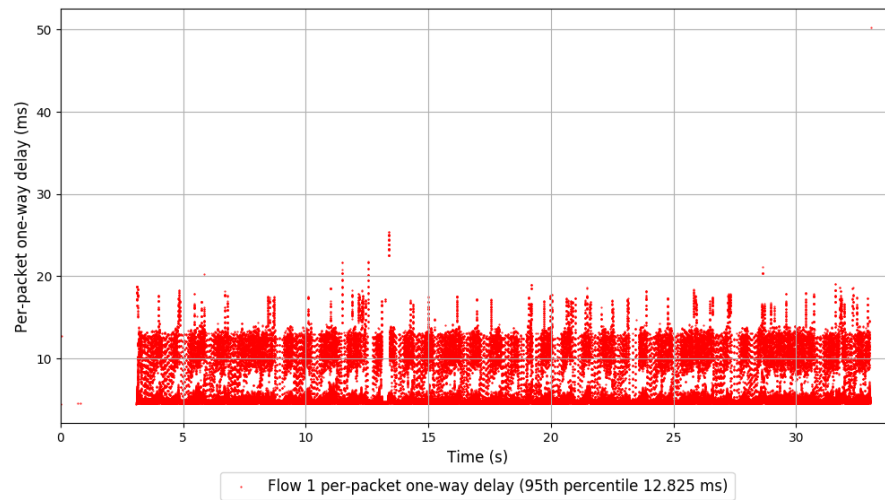
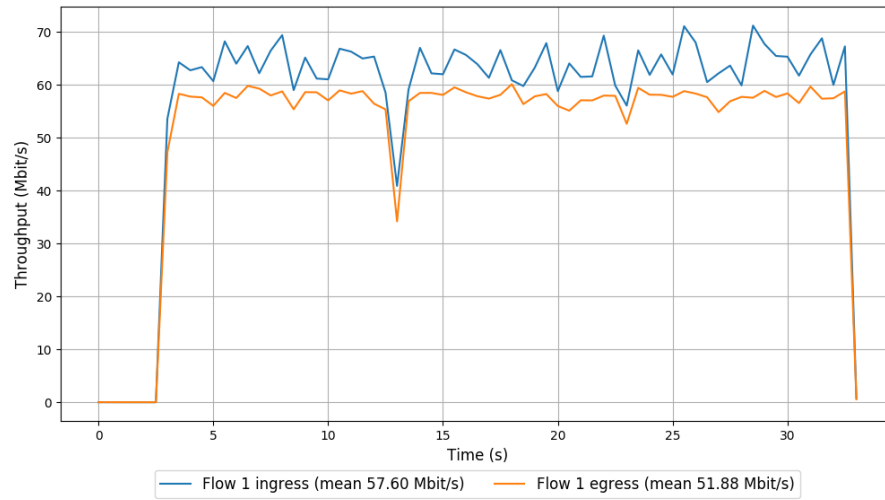
-- Flow 1:

Average throughput: 51.88 Mbit/s

95th percentile per-packet one-way delay: 12.825 ms

Loss rate: 9.82%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: Fri, 23 Jun 2017 20:57:02 +0000

End at: Fri, 23 Jun 2017 20:57:32 +0000

Local clock offset: -1.84 ms

Remote clock offset: 0.027 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:02:33 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 48.93 Mbit/s

95th percentile per-packet one-way delay: 12.467 ms

Loss rate: 8.68%

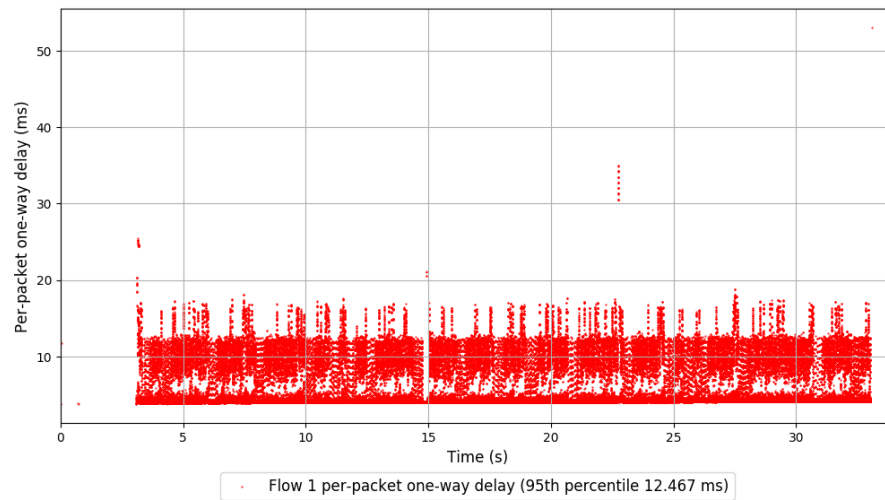
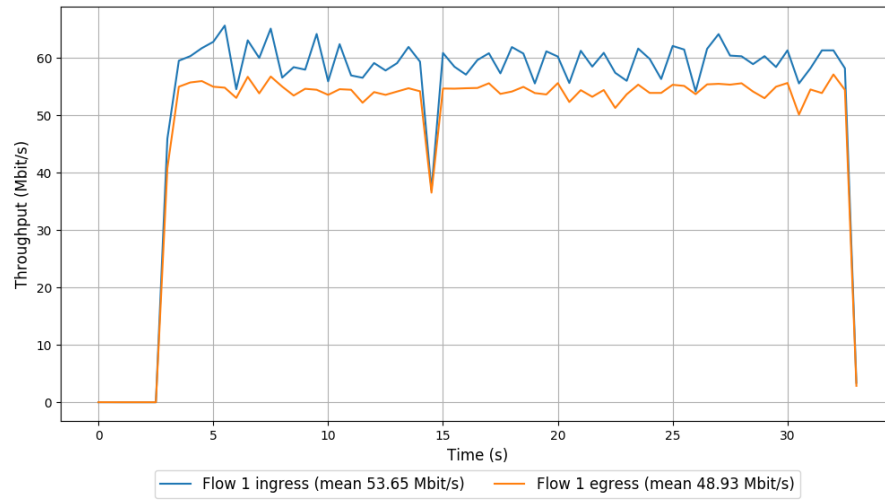
-- Flow 1:

Average throughput: 48.93 Mbit/s

95th percentile per-packet one-way delay: 12.467 ms

Loss rate: 8.68%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: Fri, 23 Jun 2017 21:15:44 +0000

End at: Fri, 23 Jun 2017 21:16:14 +0000

Local clock offset: -4.152 ms

Remote clock offset: -0.12 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:02:42 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 10.36 Mbit/s

95th percentile per-packet one-way delay: 20.133 ms

Loss rate: 0.25%

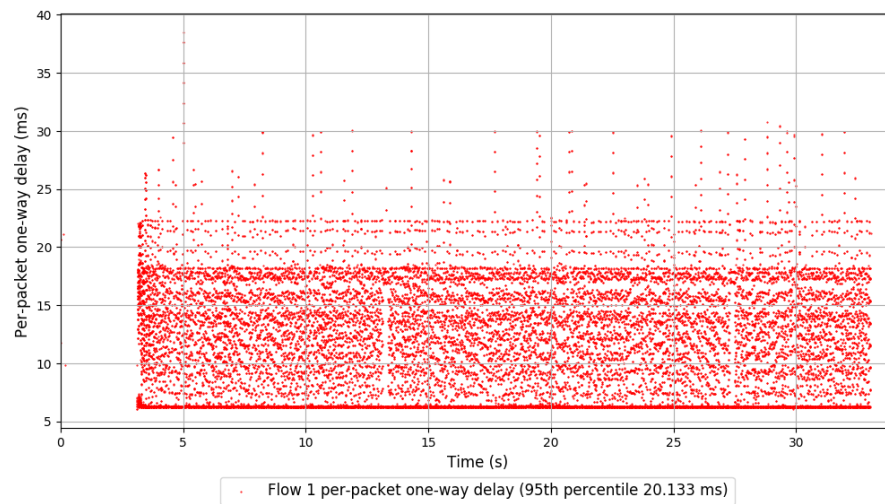
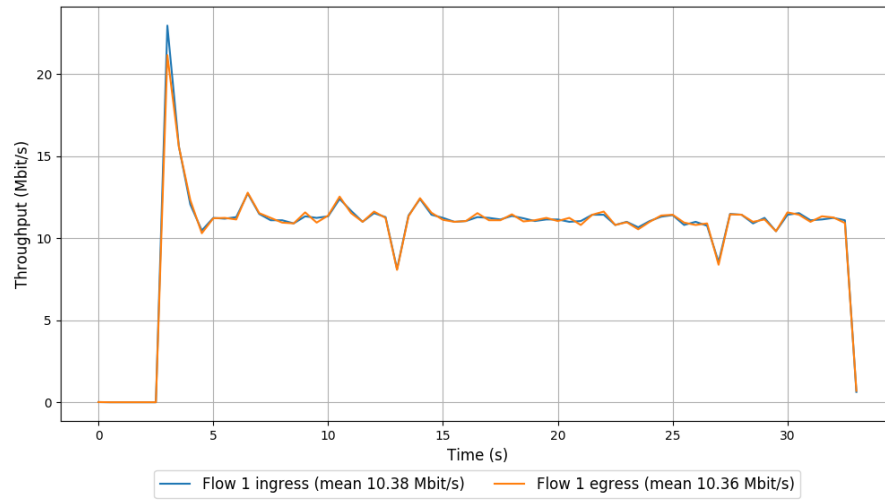
-- Flow 1:

Average throughput: 10.36 Mbit/s

95th percentile per-packet one-way delay: 20.133 ms

Loss rate: 0.25%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: Fri, 23 Jun 2017 21:33:58 +0000

End at: Fri, 23 Jun 2017 21:34:28 +0000

Local clock offset: -2.54 ms

Remote clock offset: -0.105 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:03:04 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 48.21 Mbit/s

95th percentile per-packet one-way delay: 13.075 ms

Loss rate: 9.06%

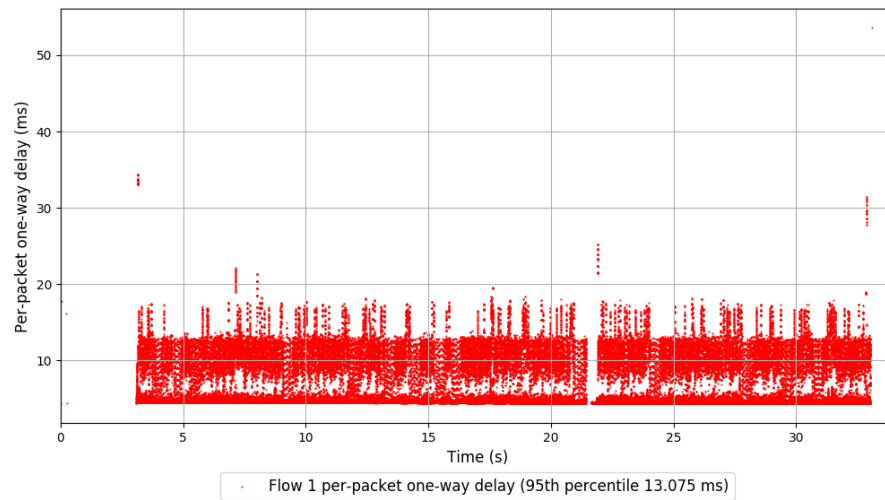
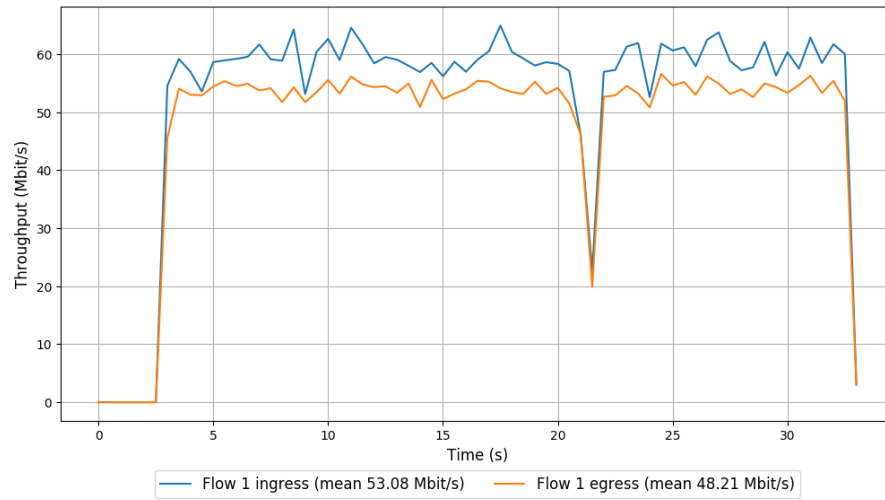
-- Flow 1:

Average throughput: 48.21 Mbit/s

95th percentile per-packet one-way delay: 13.075 ms

Loss rate: 9.06%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: Fri, 23 Jun 2017 21:52:04 +0000

End at: Fri, 23 Jun 2017 21:52:34 +0000

Local clock offset: -0.495 ms

Remote clock offset: -0.271 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:03:05 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 18.22 Mbit/s

95th percentile per-packet one-way delay: 14.410 ms

Loss rate: 5.15%

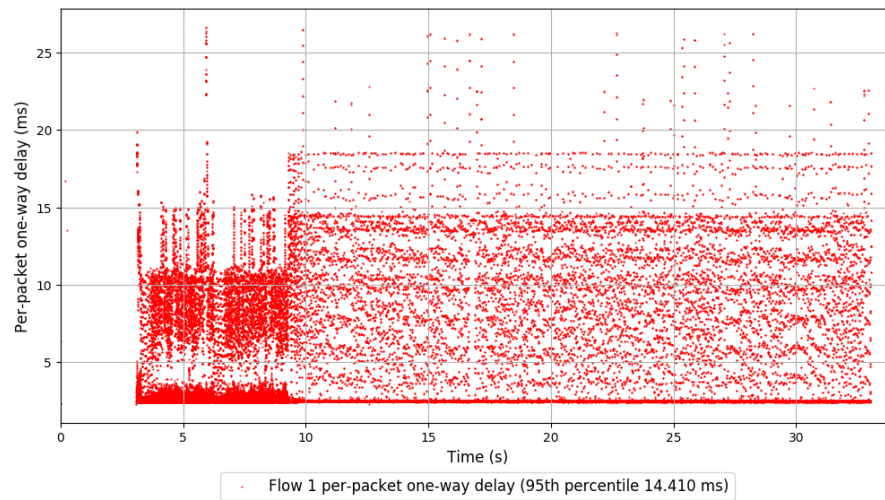
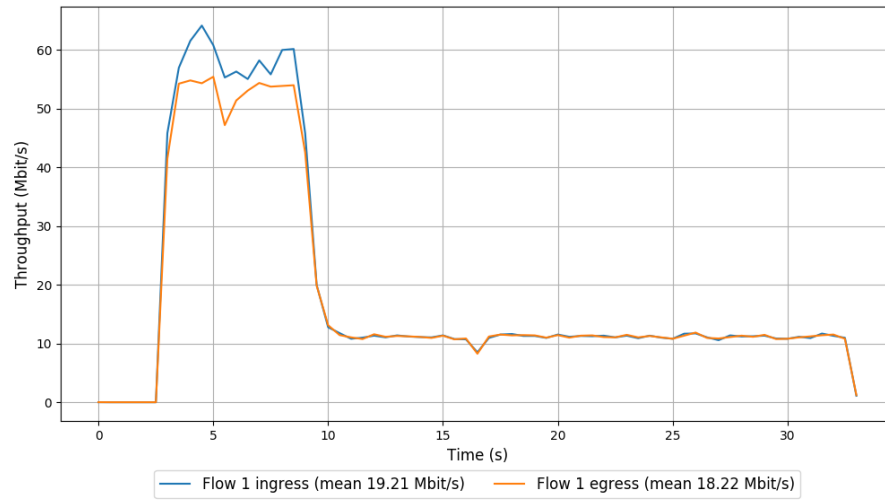
-- Flow 1:

Average throughput: 18.22 Mbit/s

95th percentile per-packet one-way delay: 14.410 ms

Loss rate: 5.15%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: Fri, 23 Jun 2017 22:10:19 +0000

End at: Fri, 23 Jun 2017 22:10:49 +0000

Local clock offset: -2.065 ms

Remote clock offset: -0.465 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:03:08 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 14.40 Mbit/s

95th percentile per-packet one-way delay: 18.764 ms

Loss rate: 0.13%

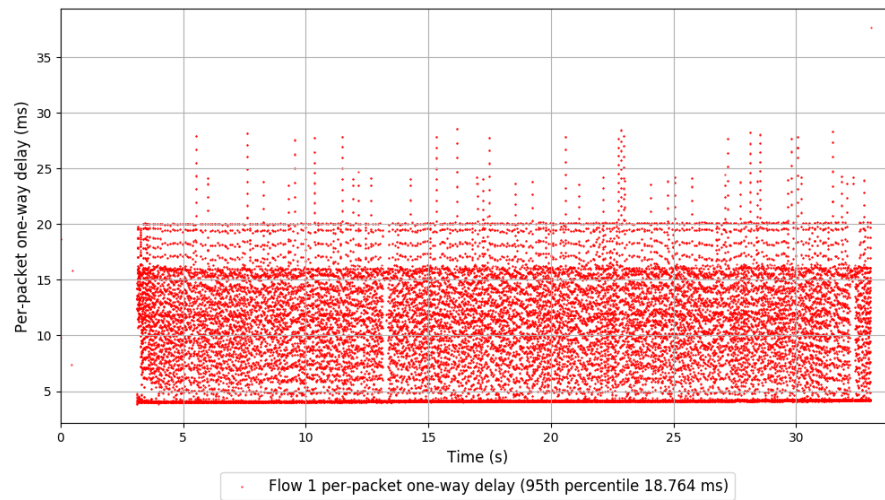
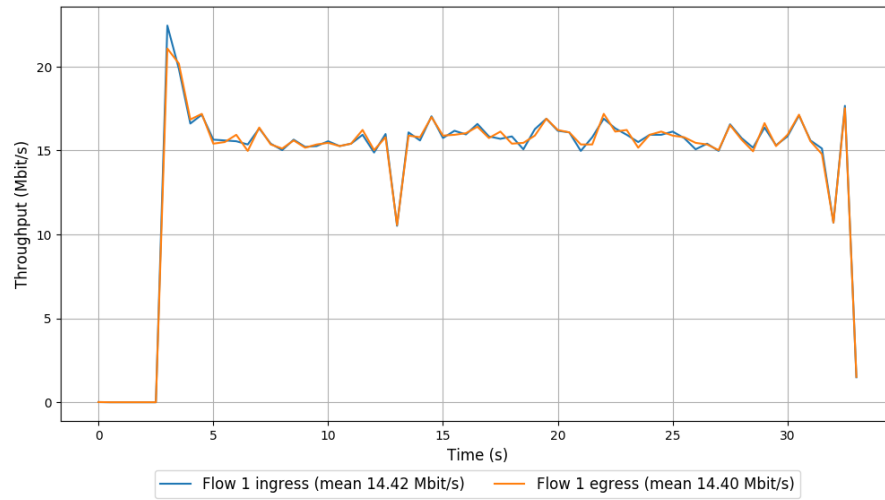
-- Flow 1:

Average throughput: 14.40 Mbit/s

95th percentile per-packet one-way delay: 18.764 ms

Loss rate: 0.13%

Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

Start at: Fri, 23 Jun 2017 22:28:04 +0000

End at: Fri, 23 Jun 2017 22:28:34 +0000

Local clock offset: -3.457 ms

Remote clock offset: -0.551 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:03:33 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 47.33 Mbit/s

95th percentile per-packet one-way delay: 13.494 ms

Loss rate: 8.15%

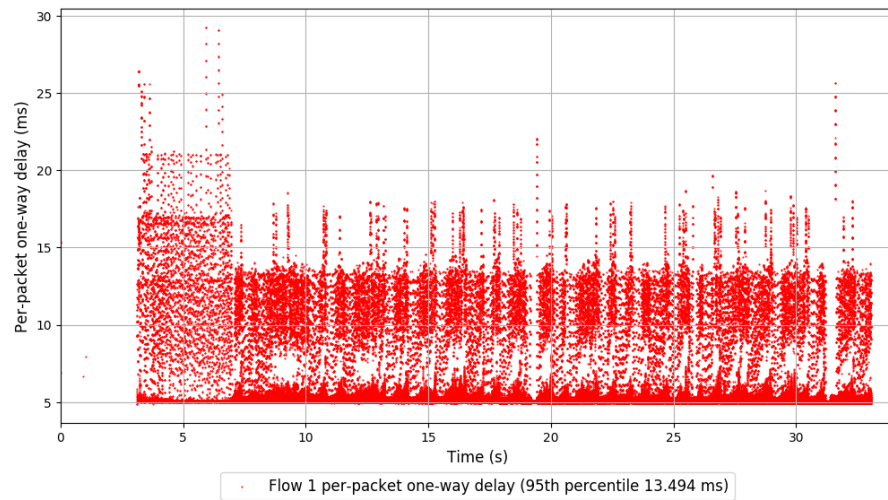
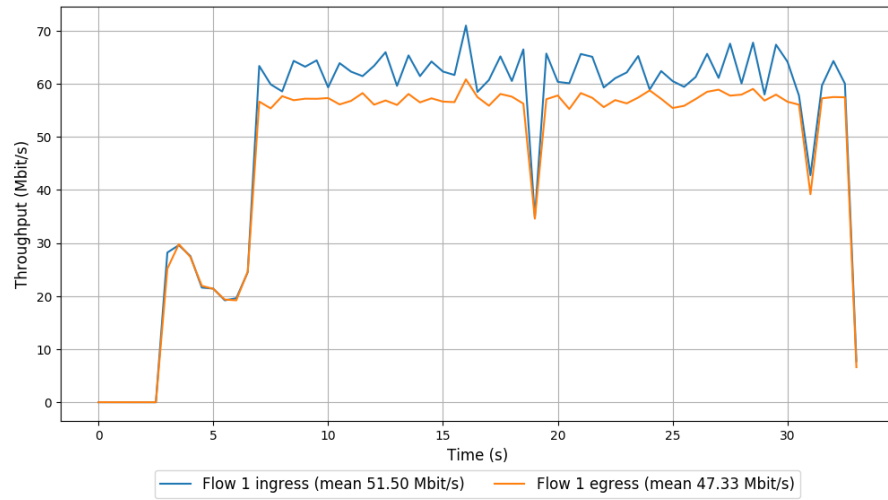
-- Flow 1:

Average throughput: 47.33 Mbit/s

95th percentile per-packet one-way delay: 13.494 ms

Loss rate: 8.15%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: Fri, 23 Jun 2017 22:46:22 +0000

End at: Fri, 23 Jun 2017 22:46:52 +0000

Local clock offset: -3.143 ms

Remote clock offset: -0.672 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:03:39 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 48.40 Mbit/s

95th percentile per-packet one-way delay: 13.126 ms

Loss rate: 8.89%

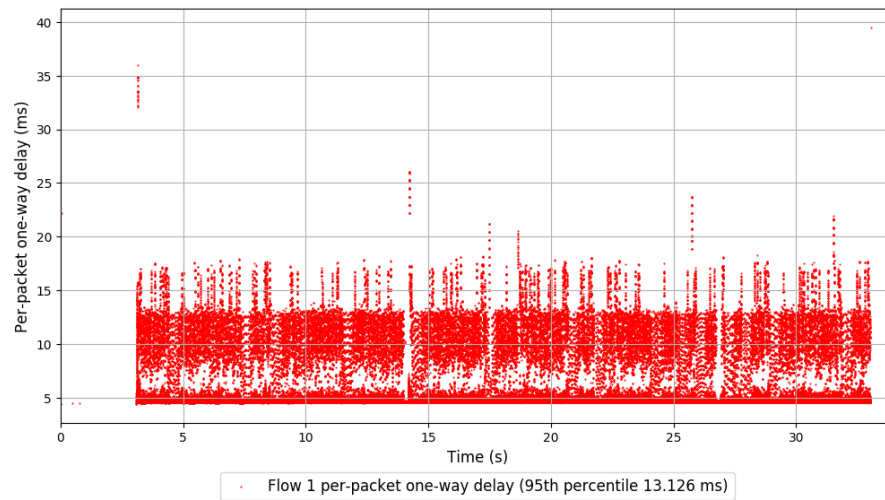
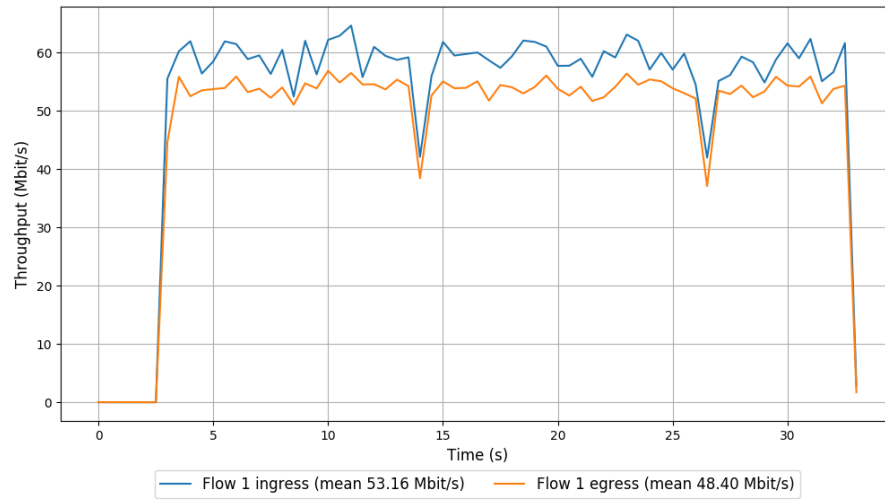
-- Flow 1:

Average throughput: 48.40 Mbit/s

95th percentile per-packet one-way delay: 13.126 ms

Loss rate: 8.89%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: Fri, 23 Jun 2017 23:04:43 +0000

End at: Fri, 23 Jun 2017 23:05:13 +0000

Local clock offset: -2.966 ms

Remote clock offset: -0.812 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:03:47 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 15.98 Mbit/s

95th percentile per-packet one-way delay: 18.415 ms

Loss rate: 1.82%

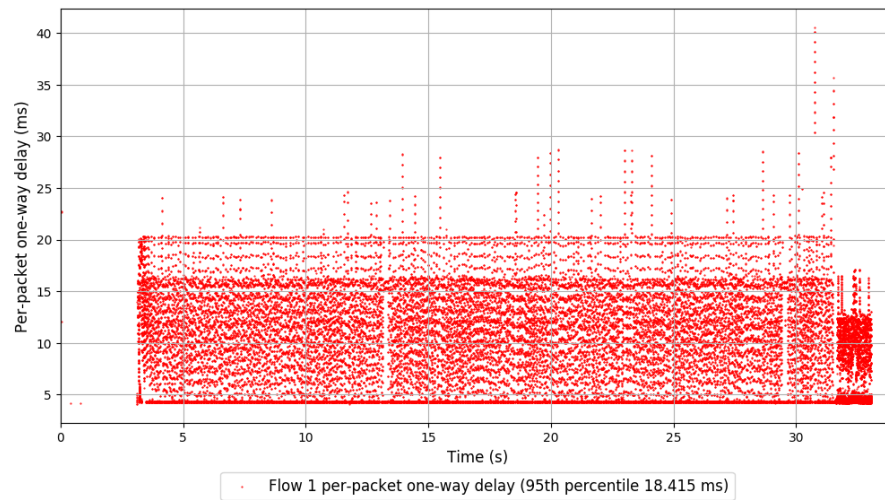
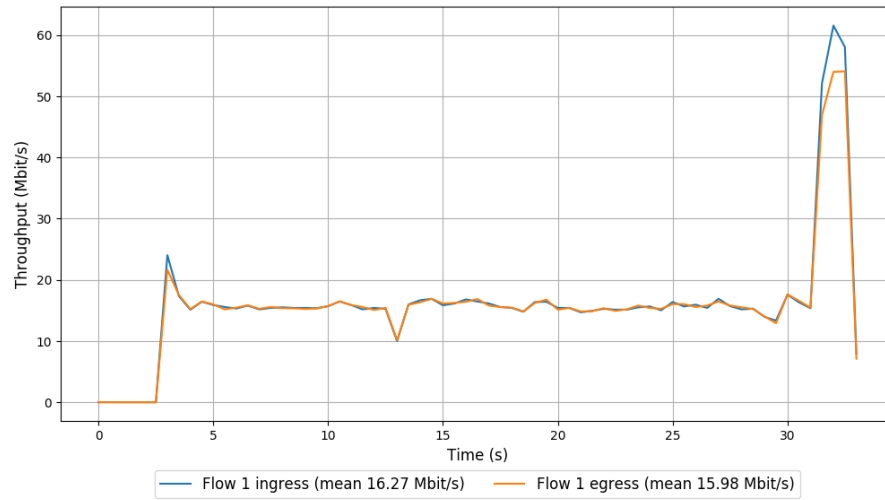
-- Flow 1:

Average throughput: 15.98 Mbit/s

95th percentile per-packet one-way delay: 18.415 ms

Loss rate: 1.82%

Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

Start at: Fri, 23 Jun 2017 23:23:12 +0000

End at: Fri, 23 Jun 2017 23:23:42 +0000

Local clock offset: -2.189 ms

Remote clock offset: -0.88 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:03:51 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 14.41 Mbit/s

95th percentile per-packet one-way delay: 18.740 ms

Loss rate: 0.23%

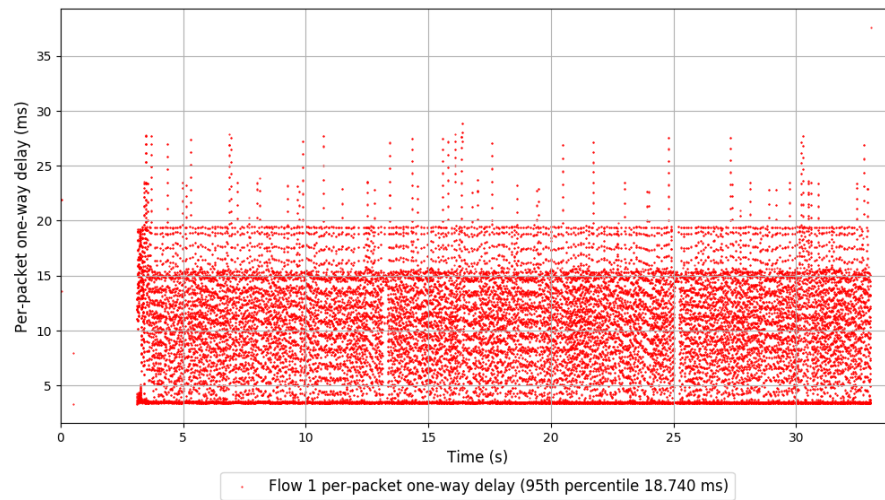
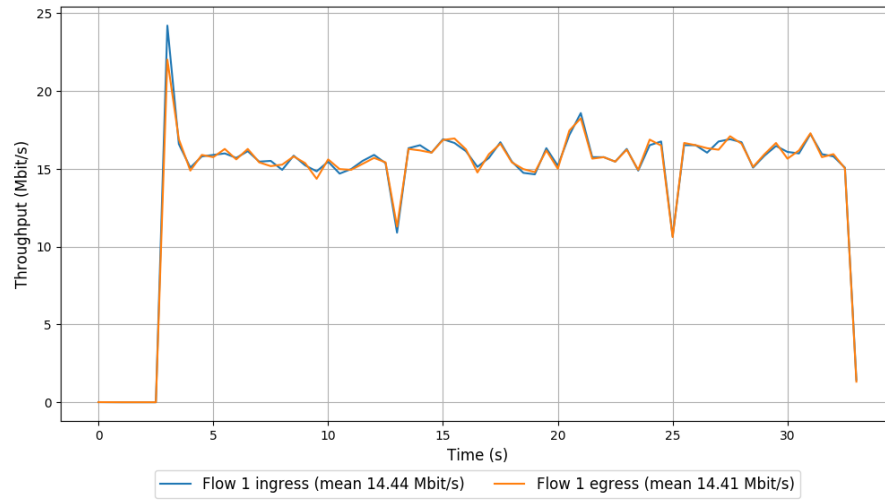
-- Flow 1:

Average throughput: 14.41 Mbit/s

95th percentile per-packet one-way delay: 18.740 ms

Loss rate: 0.23%

Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of CalibratedKoho

Start at: Fri, 23 Jun 2017 20:21:01 +0000

End at: Fri, 23 Jun 2017 20:21:31 +0000

Local clock offset: -4.054 ms

Remote clock offset: 0.064 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:04:16 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 47.13 Mbit/s

95th percentile per-packet one-way delay: 17.311 ms

Loss rate: 1.16%

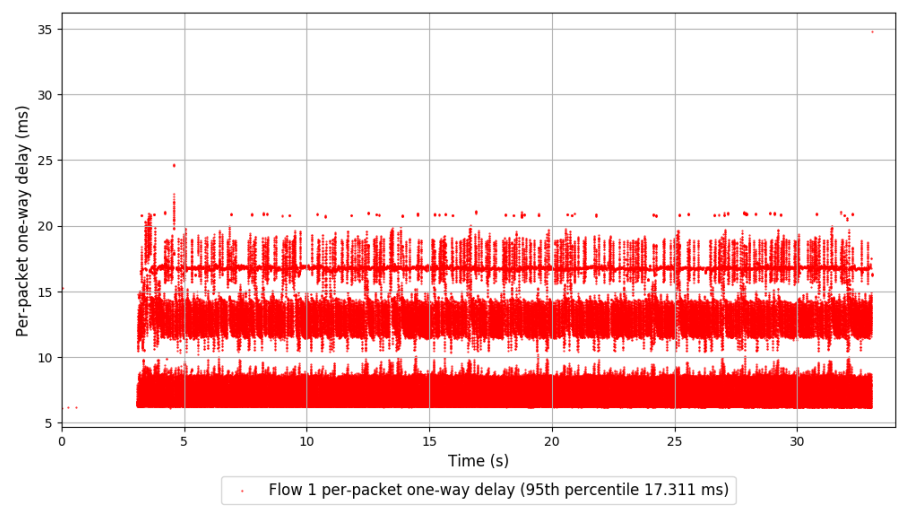
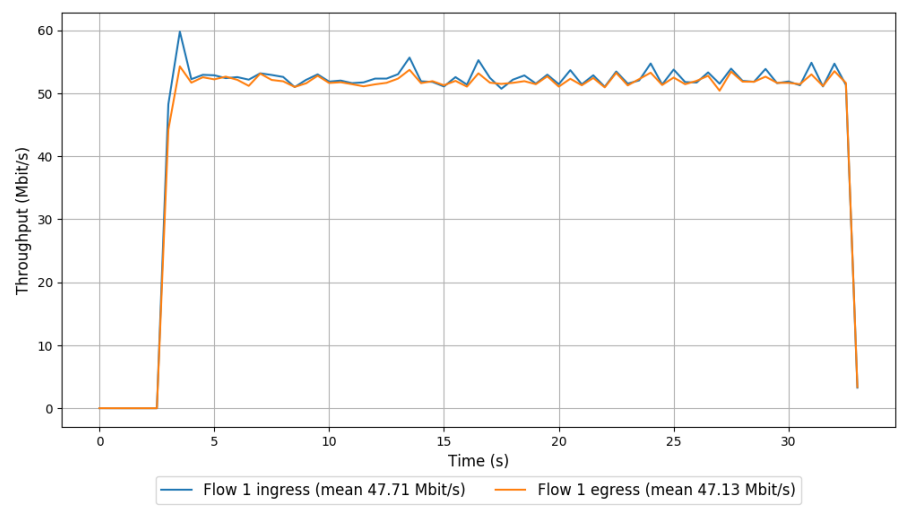
-- Flow 1:

Average throughput: 47.13 Mbit/s

95th percentile per-packet one-way delay: 17.311 ms

Loss rate: 1.16%

Run 1: Report of CalibratedKoho — Data Link



Run 2: Statistics of CalibratedKoho

Start at: Fri, 23 Jun 2017 20:39:45 +0000

End at: Fri, 23 Jun 2017 20:40:15 +0000

Local clock offset: -2.361 ms

Remote clock offset: 0.01 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:04:20 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 45.88 Mbit/s

95th percentile per-packet one-way delay: 15.490 ms

Loss rate: 0.47%

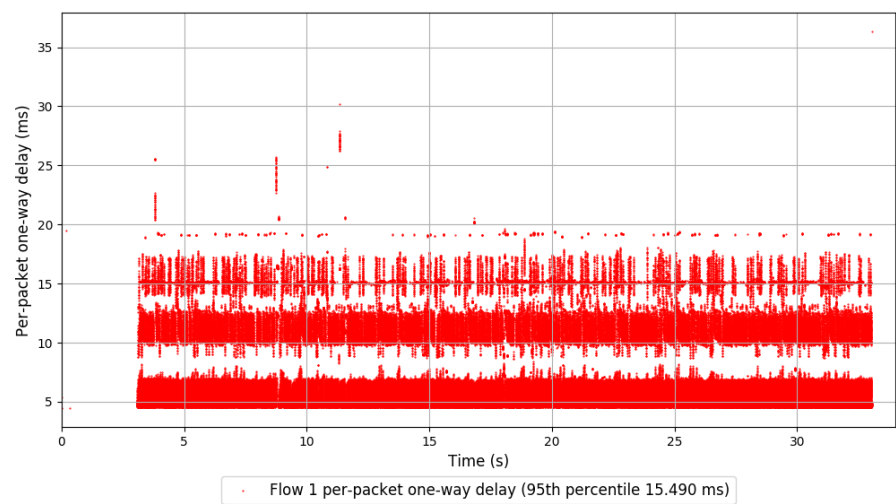
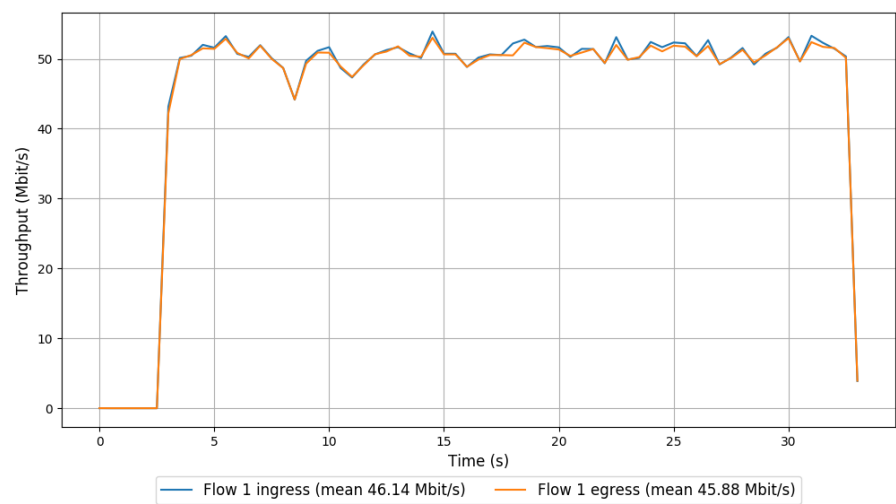
-- Flow 1:

Average throughput: 45.88 Mbit/s

95th percentile per-packet one-way delay: 15.490 ms

Loss rate: 0.47%

Run 2: Report of CalibratedKoho — Data Link



Run 3: Statistics of CalibratedKoho

Start at: Fri, 23 Jun 2017 20:58:22 +0000

End at: Fri, 23 Jun 2017 20:58:52 +0000

Local clock offset: -2.133 ms

Remote clock offset: 0.026 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:04:42 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 39.86 Mbit/s

95th percentile per-packet one-way delay: 15.169 ms

Loss rate: 0.03%

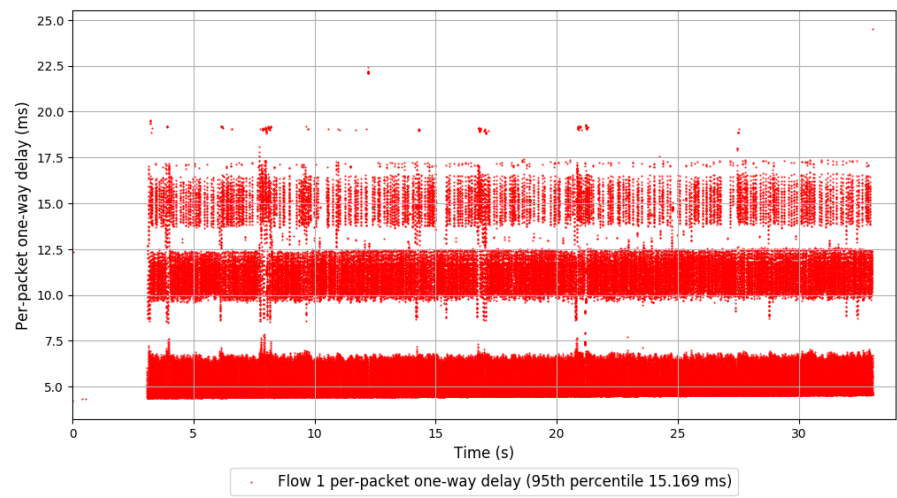
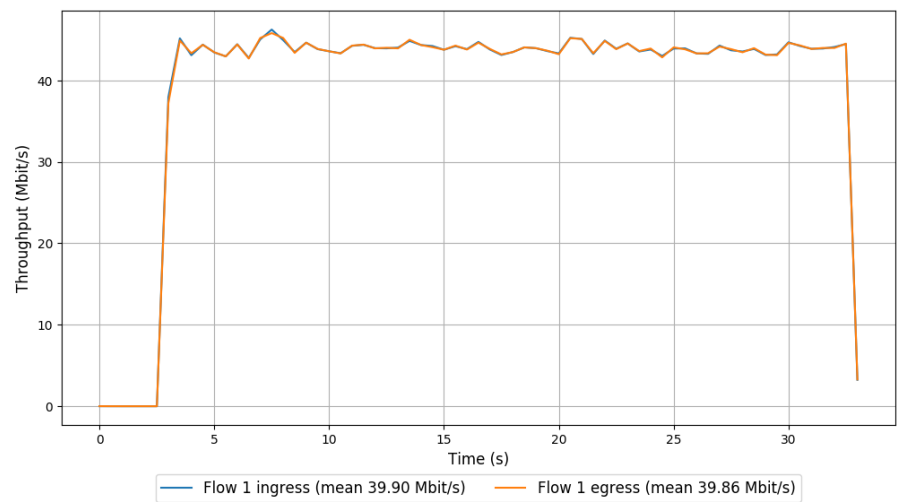
-- Flow 1:

Average throughput: 39.86 Mbit/s

95th percentile per-packet one-way delay: 15.169 ms

Loss rate: 0.03%

Run 3: Report of CalibratedKoho — Data Link



Run 4: Statistics of CalibratedKoho

Start at: Fri, 23 Jun 2017 21:16:52 +0000

End at: Fri, 23 Jun 2017 21:17:22 +0000

Local clock offset: -4.112 ms

Remote clock offset: -0.077 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:04:47 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 41.00 Mbit/s

95th percentile per-packet one-way delay: 17.439 ms

Loss rate: 0.20%

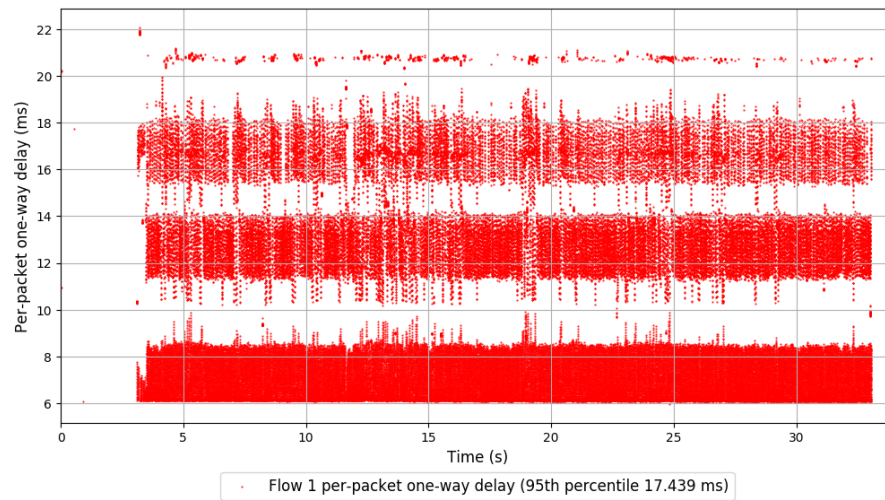
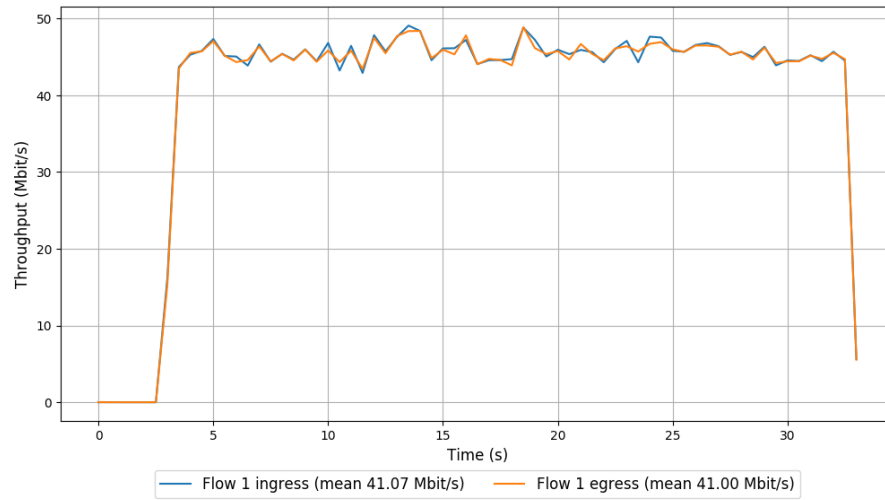
-- Flow 1:

Average throughput: 41.00 Mbit/s

95th percentile per-packet one-way delay: 17.439 ms

Loss rate: 0.20%

Run 4: Report of CalibratedKoho — Data Link



Run 5: Statistics of CalibratedKoho

Start at: Fri, 23 Jun 2017 21:35:18 +0000

End at: Fri, 23 Jun 2017 21:35:49 +0000

Local clock offset: -2.324 ms

Remote clock offset: -0.198 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:05:07 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 39.06 Mbit/s

95th percentile per-packet one-way delay: 15.083 ms

Loss rate: 0.12%

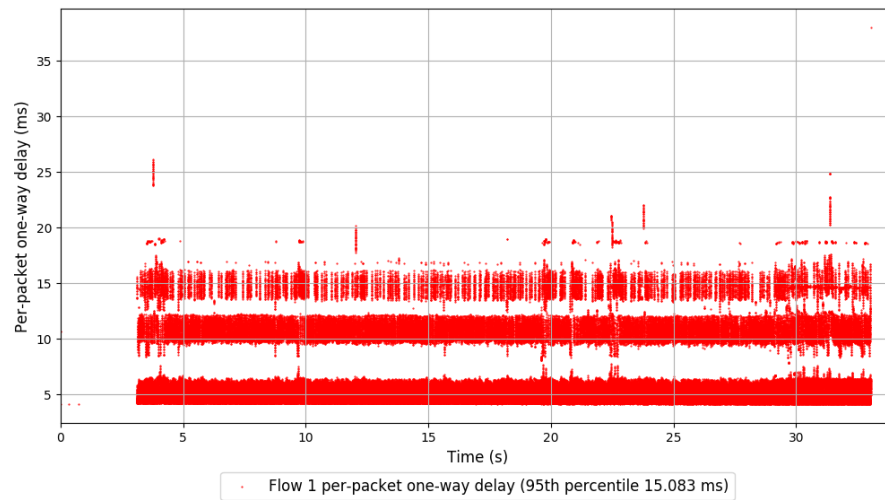
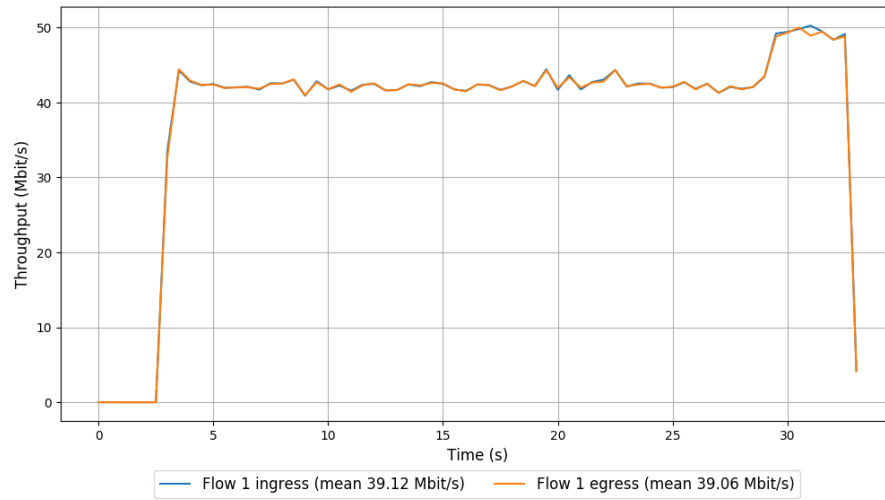
-- Flow 1:

Average throughput: 39.06 Mbit/s

95th percentile per-packet one-way delay: 15.083 ms

Loss rate: 0.12%

Run 5: Report of CalibratedKoho — Data Link



Run 6: Statistics of CalibratedKoho

Start at: Fri, 23 Jun 2017 21:53:14 +0000

End at: Fri, 23 Jun 2017 21:53:44 +0000

Local clock offset: -0.458 ms

Remote clock offset: -0.189 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:05:14 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 39.73 Mbit/s

95th percentile per-packet one-way delay: 13.260 ms

Loss rate: 0.04%

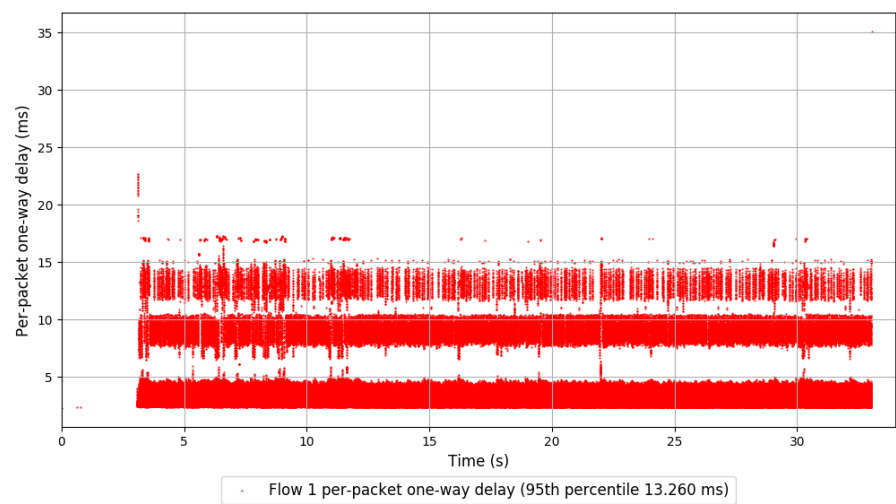
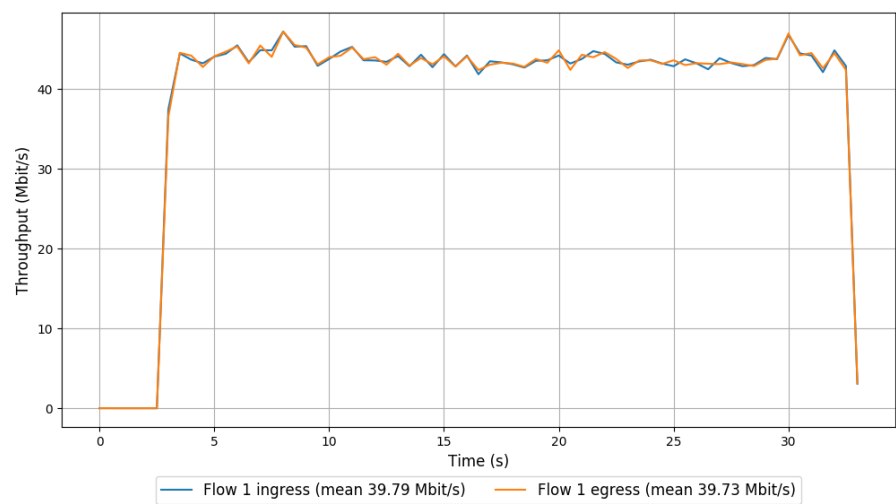
-- Flow 1:

Average throughput: 39.73 Mbit/s

95th percentile per-packet one-way delay: 13.260 ms

Loss rate: 0.04%

Run 6: Report of CalibratedKoho — Data Link



Run 7: Statistics of CalibratedKoho

Start at: Fri, 23 Jun 2017 22:11:28 +0000

End at: Fri, 23 Jun 2017 22:11:58 +0000

Local clock offset: -2.434 ms

Remote clock offset: -0.444 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:05:14 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.16 Mbit/s

95th percentile per-packet one-way delay: 19.768 ms

Loss rate: 0.02%

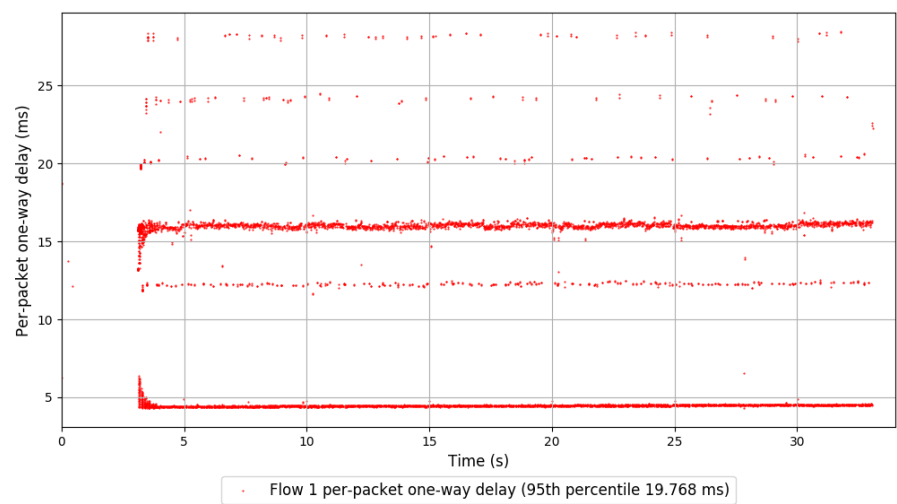
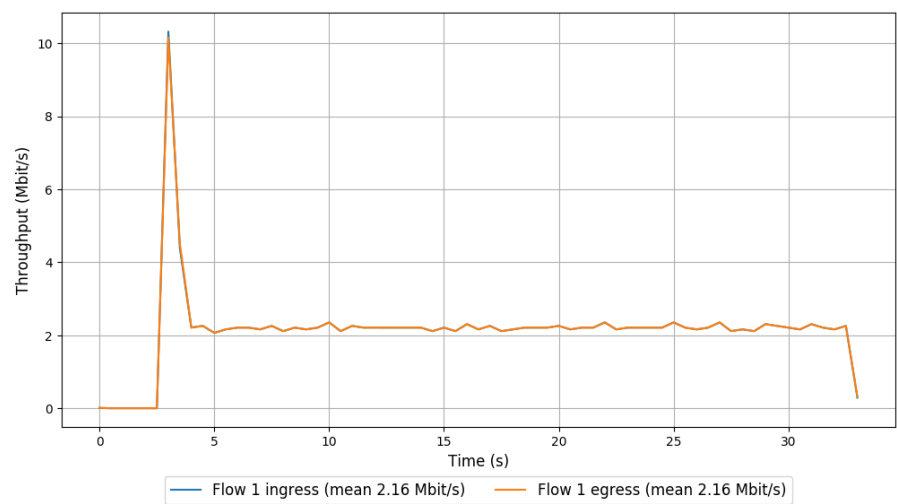
-- Flow 1:

Average throughput: 2.16 Mbit/s

95th percentile per-packet one-way delay: 19.768 ms

Loss rate: 0.02%

Run 7: Report of CalibratedKoho — Data Link



Run 8: Statistics of CalibratedKoho

Start at: Fri, 23 Jun 2017 22:29:21 +0000

End at: Fri, 23 Jun 2017 22:29:52 +0000

Local clock offset: -3.422 ms

Remote clock offset: -0.567 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:05:18 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.27 Mbit/s

95th percentile per-packet one-way delay: 20.291 ms

Loss rate: 0.02%

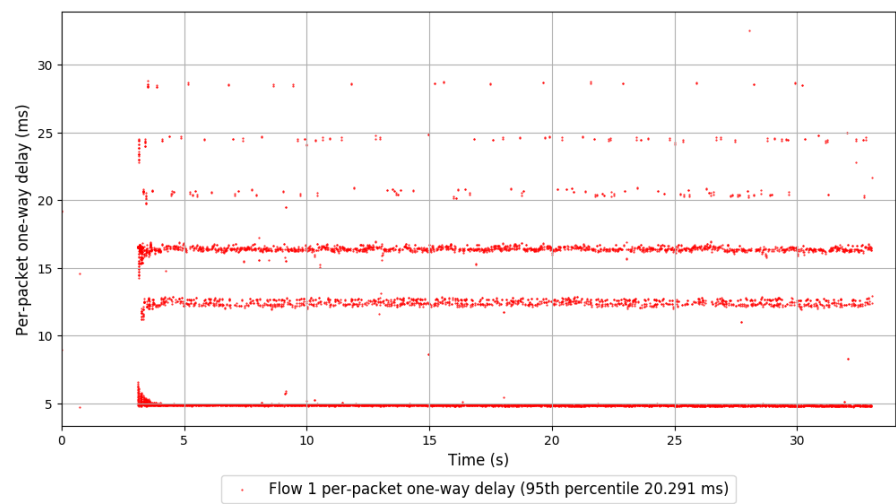
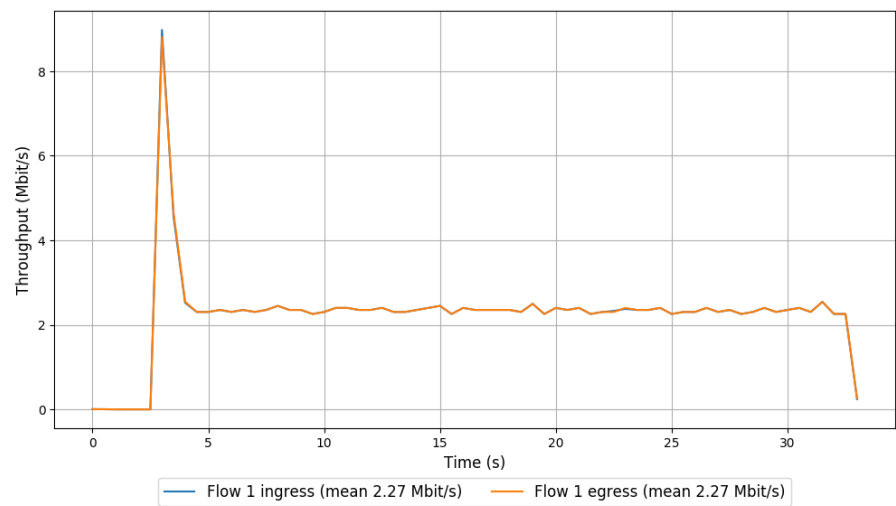
-- Flow 1:

Average throughput: 2.27 Mbit/s

95th percentile per-packet one-way delay: 20.291 ms

Loss rate: 0.02%

Run 8: Report of CalibratedKoho — Data Link



Run 9: Statistics of CalibratedKoho

Start at: Fri, 23 Jun 2017 22:47:43 +0000

End at: Fri, 23 Jun 2017 22:48:13 +0000

Local clock offset: -3.202 ms

Remote clock offset: -0.778 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:05:42 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 40.66 Mbit/s

95th percentile per-packet one-way delay: 15.437 ms

Loss rate: 0.04%

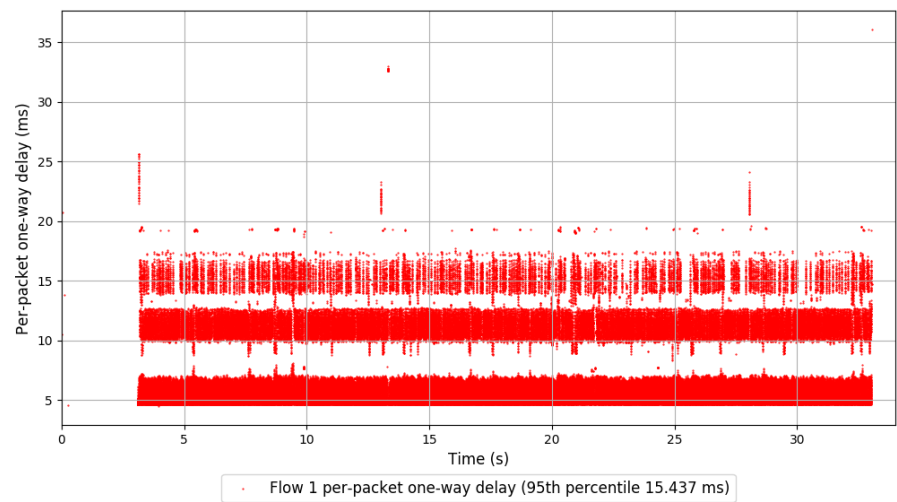
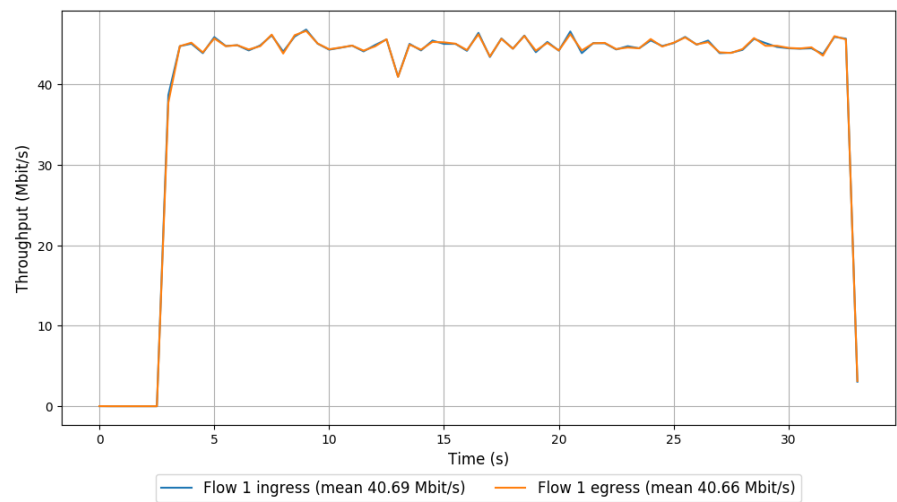
-- Flow 1:

Average throughput: 40.66 Mbit/s

95th percentile per-packet one-way delay: 15.437 ms

Loss rate: 0.04%

Run 9: Report of CalibratedKoho — Data Link



Run 10: Statistics of CalibratedKoho

Start at: Fri, 23 Jun 2017 23:05:52 +0000

End at: Fri, 23 Jun 2017 23:06:22 +0000

Local clock offset: -2.992 ms

Remote clock offset: -0.841 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:05:42 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 32.44 Mbit/s

95th percentile per-packet one-way delay: 15.288 ms

Loss rate: 0.02%

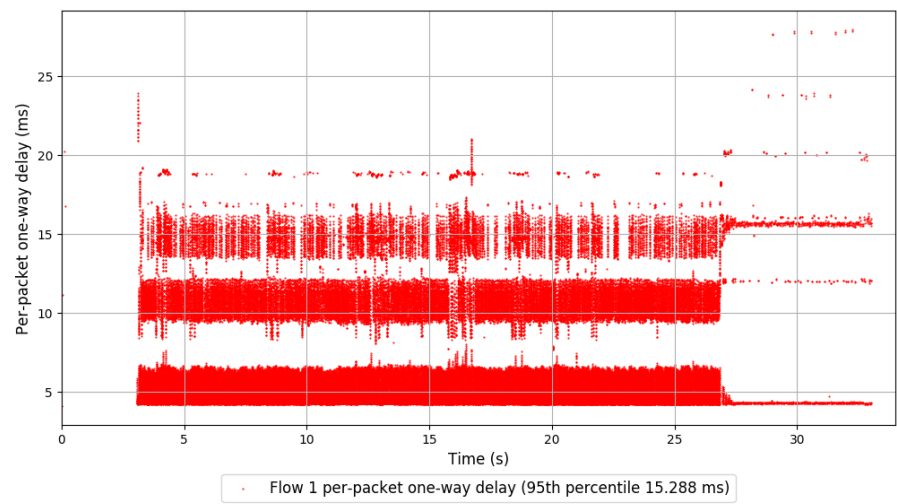
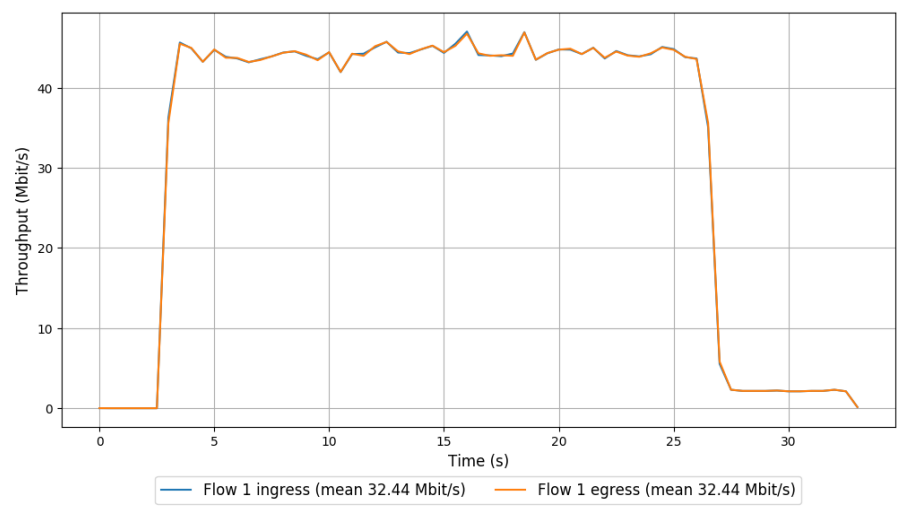
-- Flow 1:

Average throughput: 32.44 Mbit/s

95th percentile per-packet one-way delay: 15.288 ms

Loss rate: 0.02%

Run 10: Report of CalibratedKoho — Data Link



Run 1: Statistics of Copa

Start at: Fri, 23 Jun 2017 20:27:19 +0000

End at: Fri, 23 Jun 2017 20:27:49 +0000

Local clock offset: -3.311 ms

Remote clock offset: 0.031 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:06:17 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 33.71 Mbit/s

95th percentile per-packet one-way delay: 13.030 ms

Loss rate: 0.02%

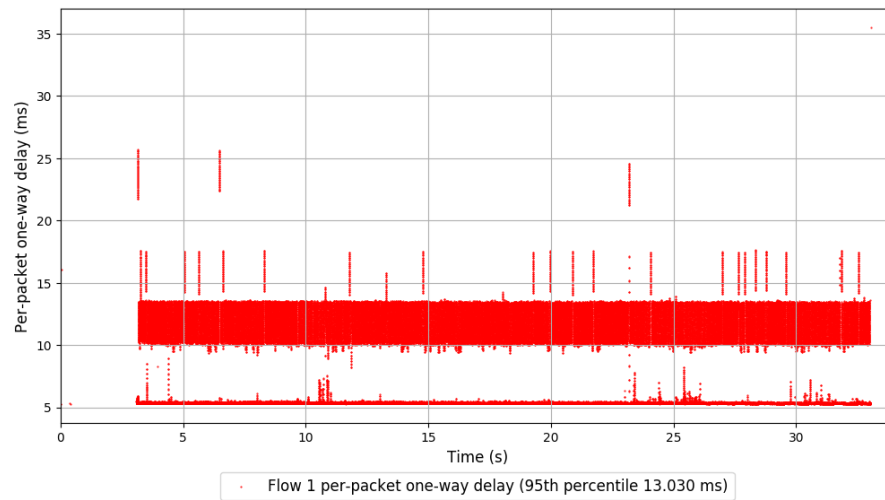
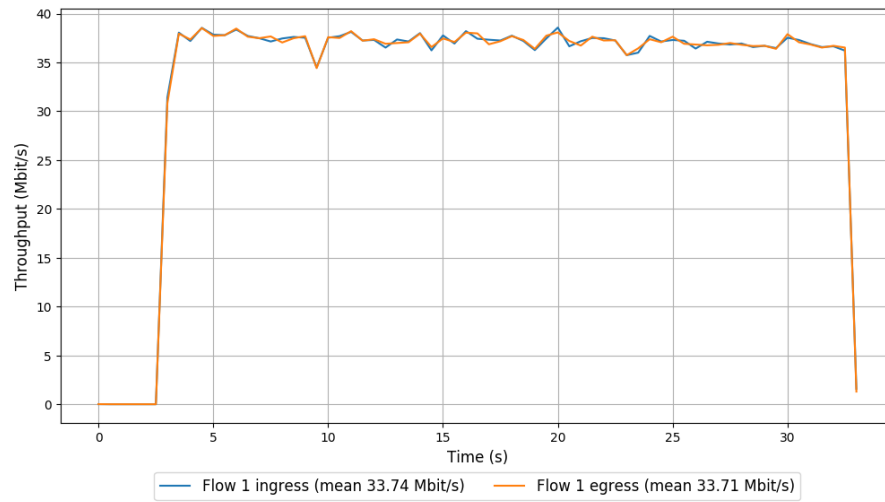
-- Flow 1:

Average throughput: 33.71 Mbit/s

95th percentile per-packet one-way delay: 13.030 ms

Loss rate: 0.02%

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: Fri, 23 Jun 2017 20:46:09 +0000

End at: Fri, 23 Jun 2017 20:46:39 +0000

Local clock offset: -2.211 ms

Remote clock offset: 0.036 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:06:17 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 3.04 Mbit/s

95th percentile per-packet one-way delay: 17.973 ms

Loss rate: 0.00%

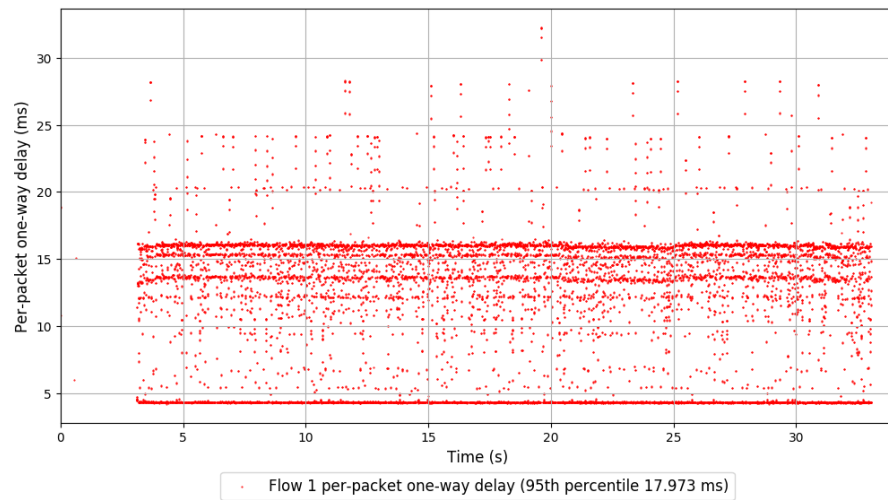
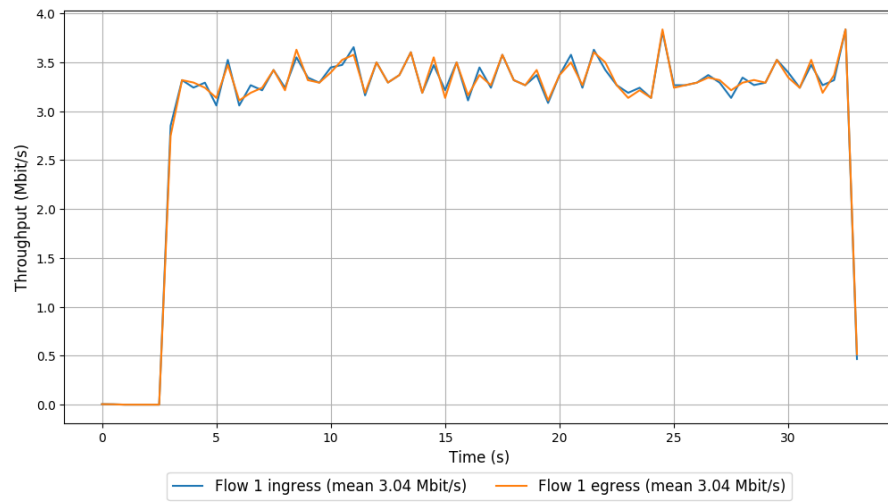
-- Flow 1:

Average throughput: 3.04 Mbit/s

95th percentile per-packet one-way delay: 17.973 ms

Loss rate: 0.00%

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

Start at: Fri, 23 Jun 2017 21:04:42 +0000

End at: Fri, 23 Jun 2017 21:05:12 +0000

Local clock offset: -3.66 ms

Remote clock offset: -0.021 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:06:28 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 34.34 Mbit/s

95th percentile per-packet one-way delay: 13.524 ms

Loss rate: 0.02%

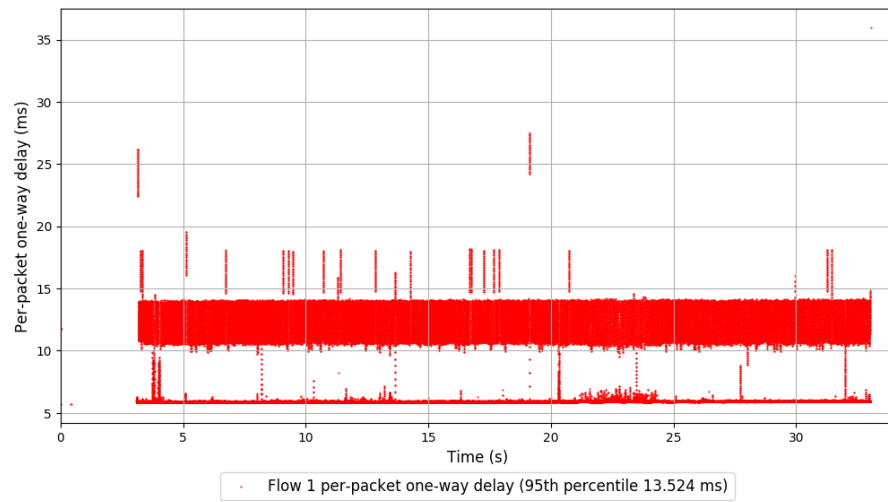
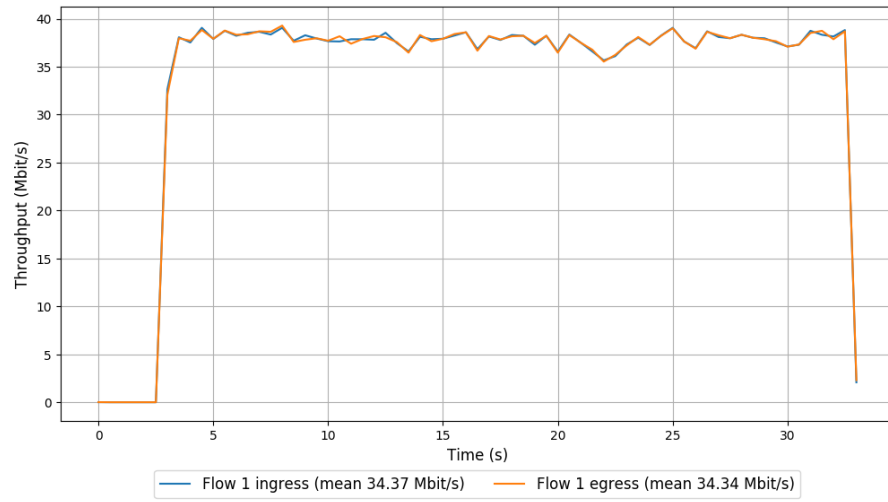
-- Flow 1:

Average throughput: 34.34 Mbit/s

95th percentile per-packet one-way delay: 13.524 ms

Loss rate: 0.02%

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: Fri, 23 Jun 2017 21:23:05 +0000

End at: Fri, 23 Jun 2017 21:23:35 +0000

Local clock offset: -3.718 ms

Remote clock offset: -0.113 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:06:29 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 6.42 Mbit/s

95th percentile per-packet one-way delay: 17.487 ms

Loss rate: 0.01%

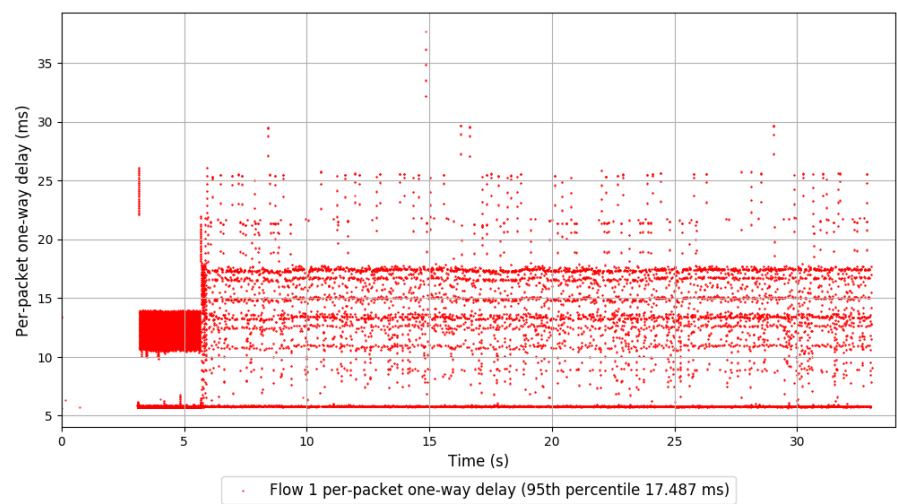
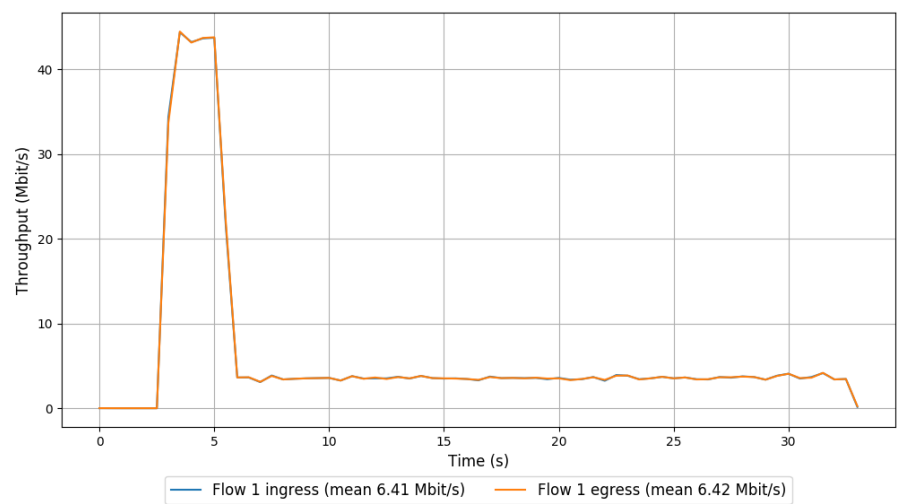
-- Flow 1:

Average throughput: 6.42 Mbit/s

95th percentile per-packet one-way delay: 17.487 ms

Loss rate: 0.01%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: Fri, 23 Jun 2017 21:41:22 +0000

End at: Fri, 23 Jun 2017 21:41:53 +0000

Local clock offset: -1.38 ms

Remote clock offset: -0.14 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:06:38 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 3.04 Mbit/s

95th percentile per-packet one-way delay: 17.001 ms

Loss rate: 0.04%

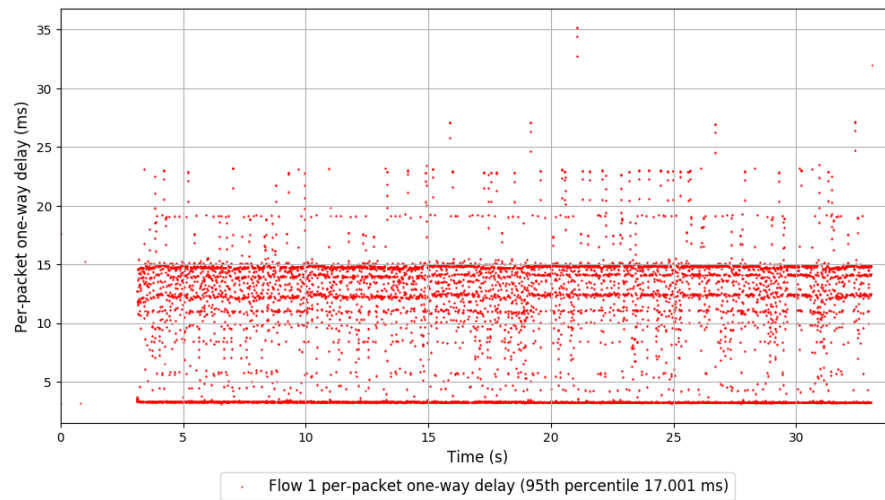
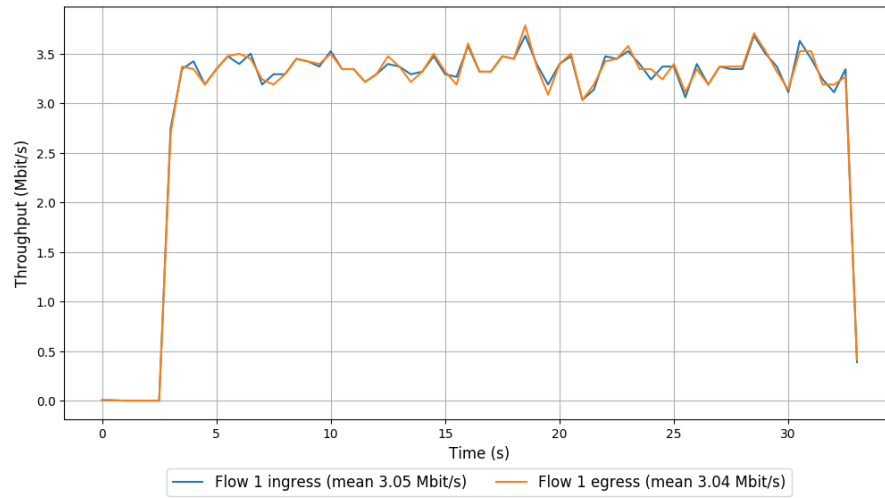
-- Flow 1:

Average throughput: 3.04 Mbit/s

95th percentile per-packet one-way delay: 17.001 ms

Loss rate: 0.04%

Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: Fri, 23 Jun 2017 21:59:31 +0000

End at: Fri, 23 Jun 2017 22:00:01 +0000

Local clock offset: -0.24 ms

Remote clock offset: -0.301 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:06:38 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 3.781 ms

Loss rate: 0.00%

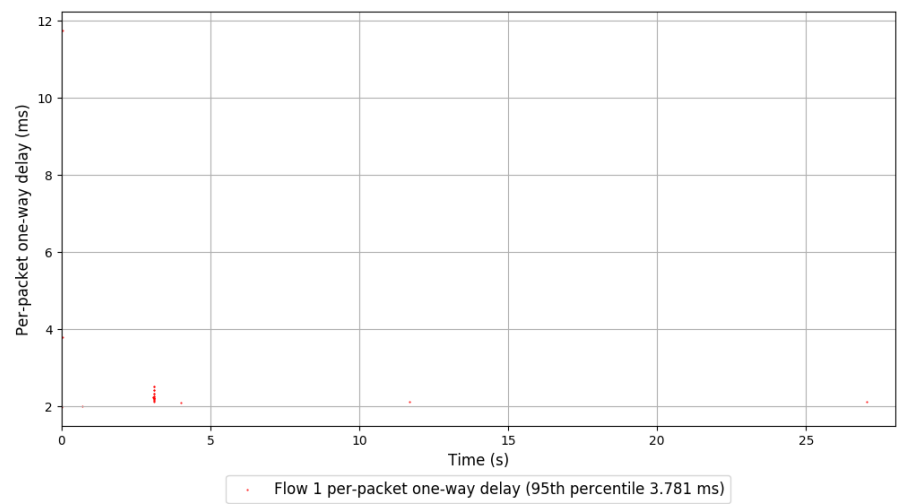
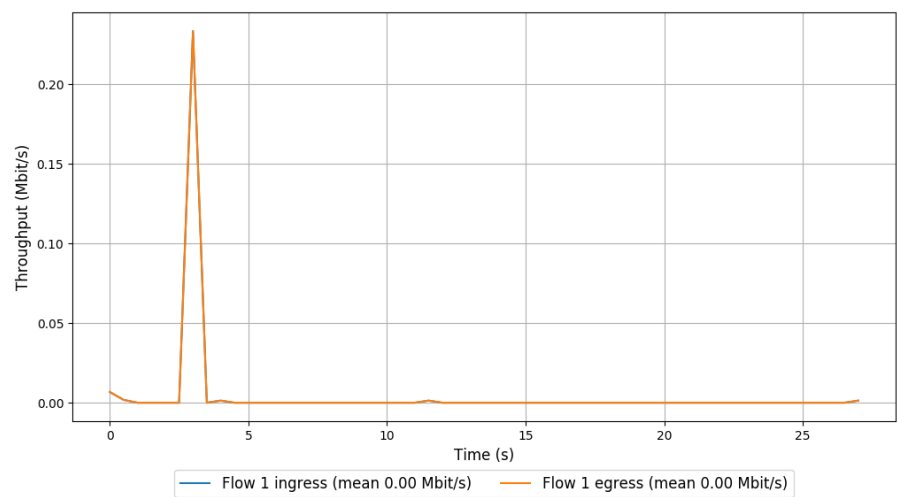
-- Flow 1:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 3.781 ms

Loss rate: 0.00%

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

Start at: Fri, 23 Jun 2017 22:17:29 +0000

End at: Fri, 23 Jun 2017 22:17:59 +0000

Local clock offset: -3.624 ms

Remote clock offset: -0.521 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:06:38 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 23.793 ms

Loss rate: 0.00%

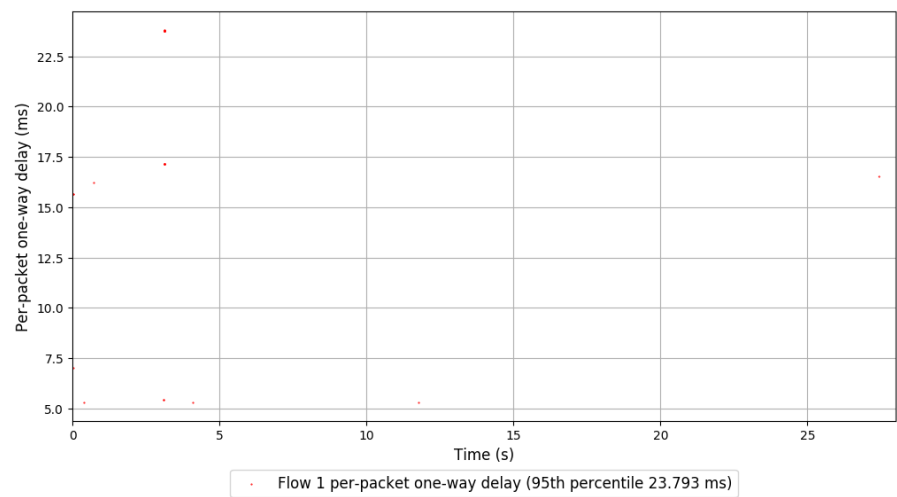
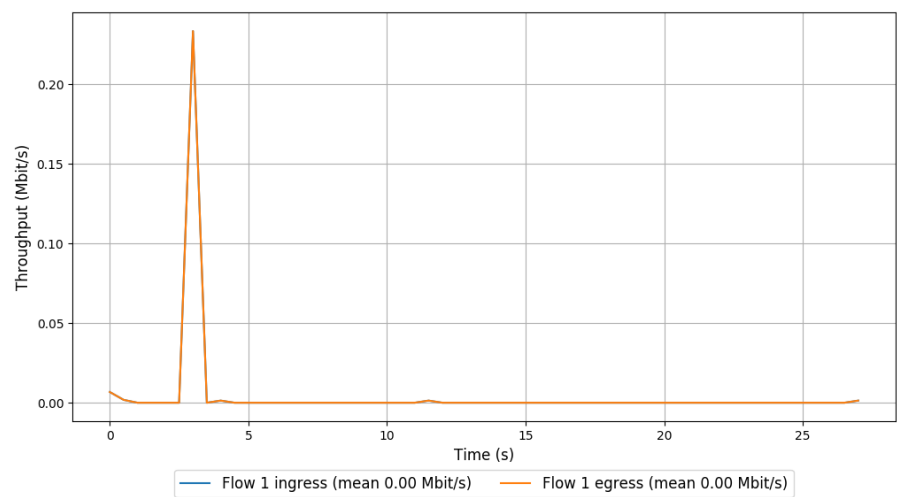
-- Flow 1:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 23.793 ms

Loss rate: 0.00%

Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

Start at: Fri, 23 Jun 2017 22:35:27 +0000

End at: Fri, 23 Jun 2017 22:35:57 +0000

Local clock offset: -2.677 ms

Remote clock offset: -0.584 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:07:13 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 33.95 Mbit/s

95th percentile per-packet one-way delay: 11.764 ms

Loss rate: 0.03%

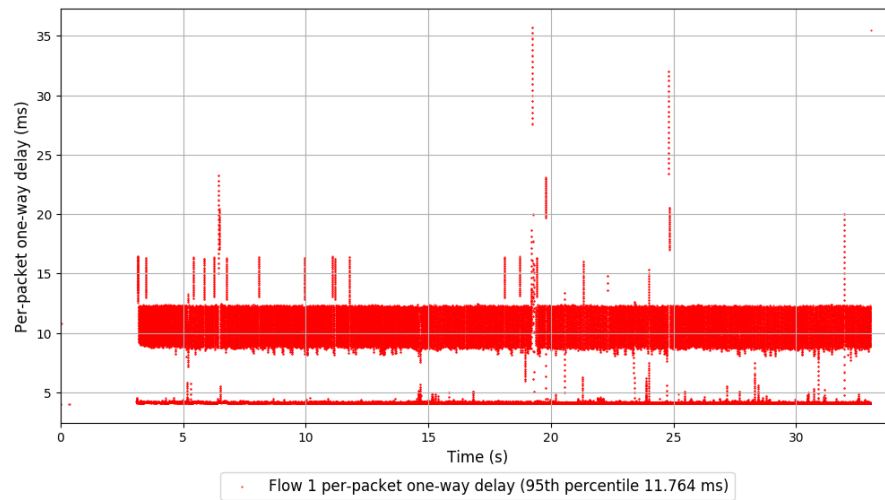
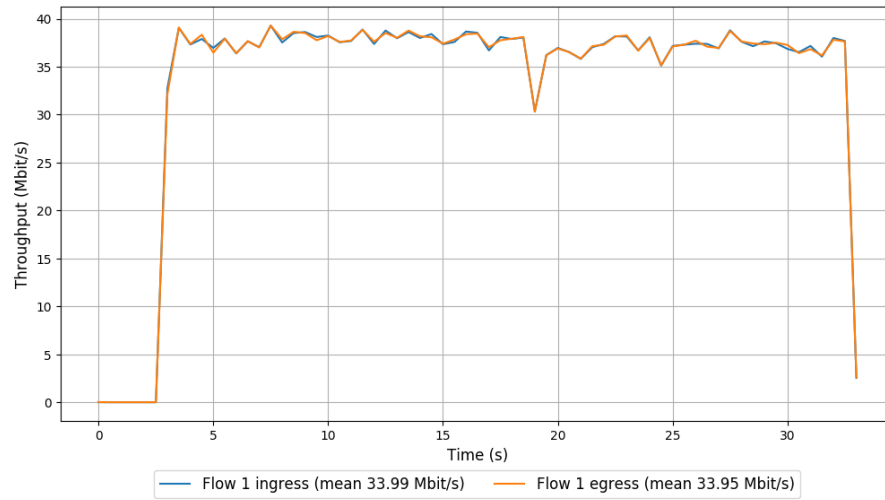
-- Flow 1:

Average throughput: 33.95 Mbit/s

95th percentile per-packet one-way delay: 11.764 ms

Loss rate: 0.03%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: Fri, 23 Jun 2017 22:53:58 +0000

End at: Fri, 23 Jun 2017 22:54:28 +0000

Local clock offset: -3.547 ms

Remote clock offset: -0.871 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:07:13 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 23.467 ms

Loss rate: 0.00%

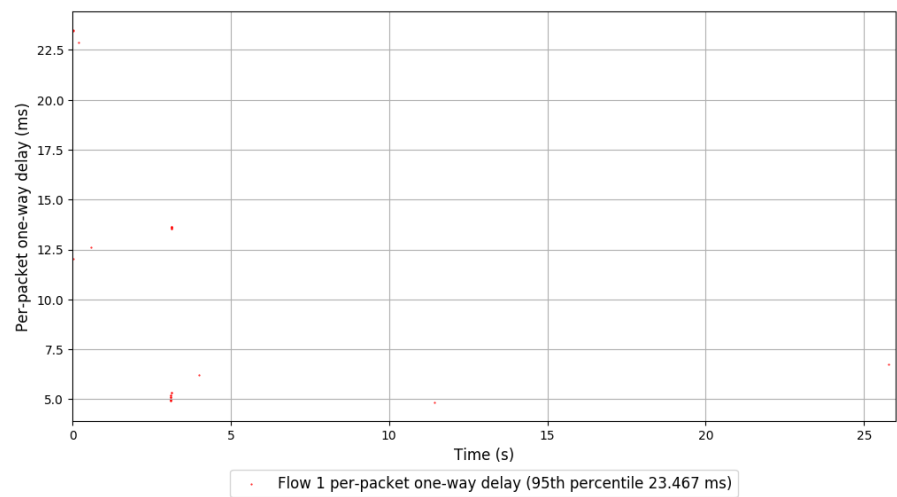
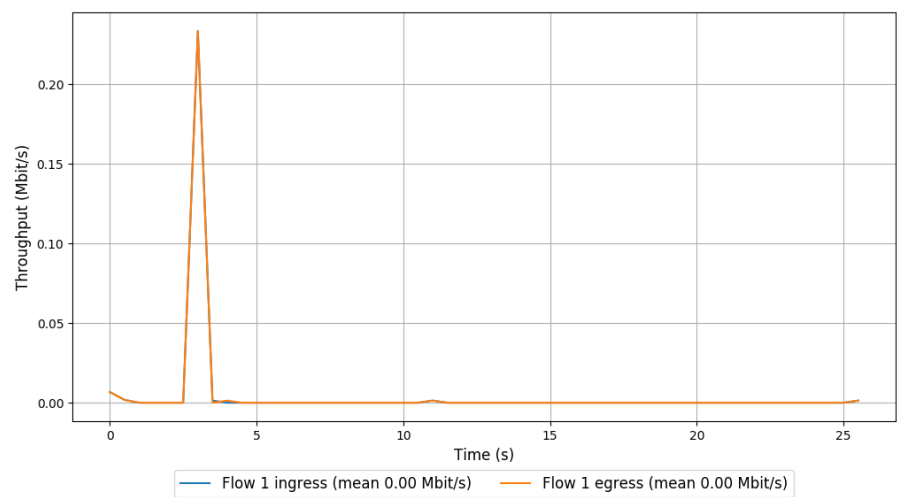
-- Flow 1:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 23.467 ms

Loss rate: 0.00%

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: Fri, 23 Jun 2017 23:12:07 +0000

End at: Fri, 23 Jun 2017 23:12:37 +0000

Local clock offset: -2.705 ms

Remote clock offset: -0.846 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:07:19 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 36.18 Mbit/s

95th percentile per-packet one-way delay: 11.519 ms

Loss rate: 0.02%

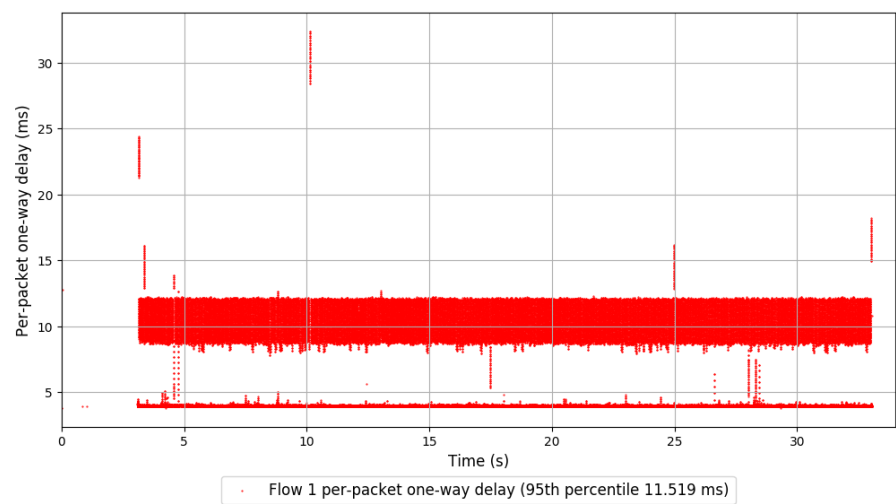
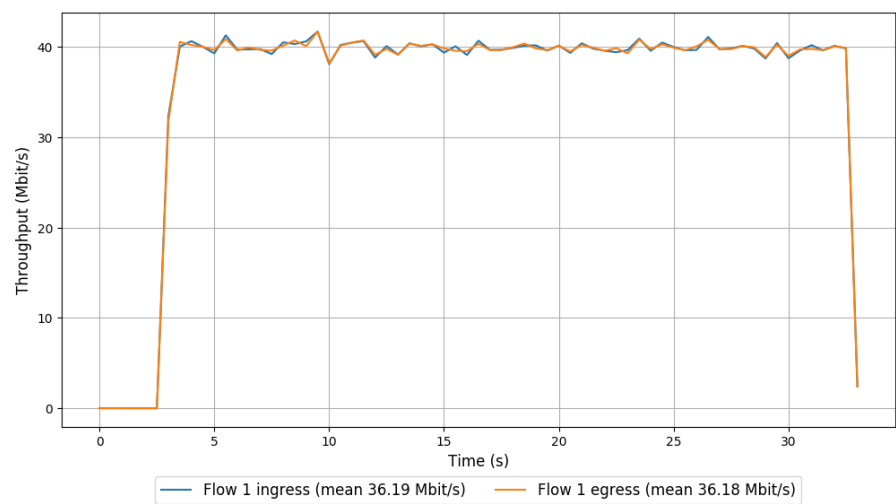
-- Flow 1:

Average throughput: 36.18 Mbit/s

95th percentile per-packet one-way delay: 11.519 ms

Loss rate: 0.02%

Run 10: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

Start at: Fri, 23 Jun 2017 20:23:25 +0000

End at: Fri, 23 Jun 2017 20:23:55 +0000

Local clock offset: -3.915 ms

Remote clock offset: 0.06 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:07:35 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 32.75 Mbit/s

95th percentile per-packet one-way delay: 22.078 ms

Loss rate: 0.18%

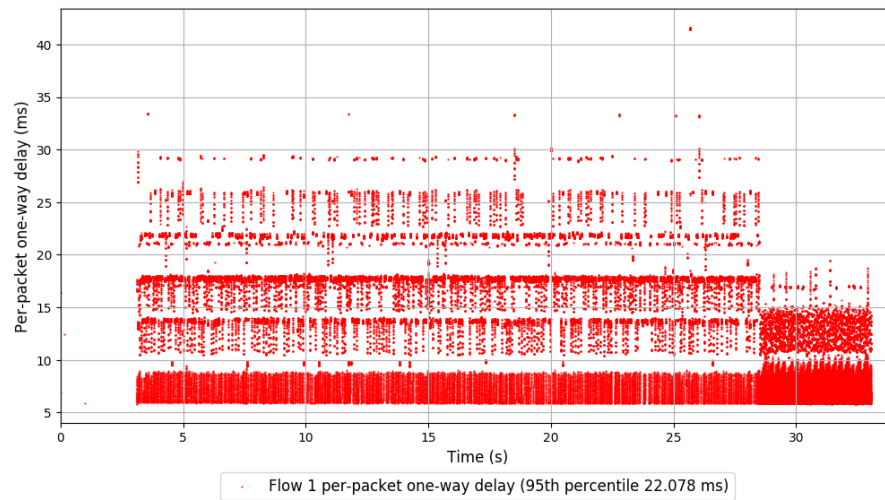
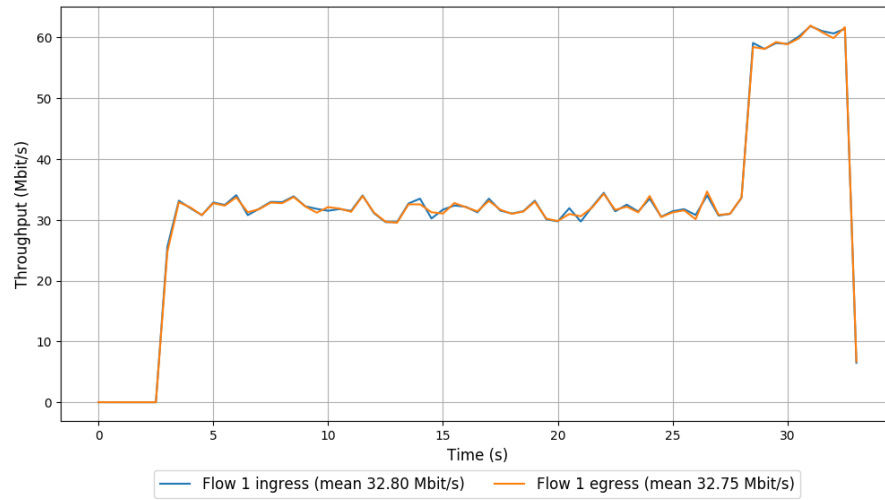
-- Flow 1:

Average throughput: 32.75 Mbit/s

95th percentile per-packet one-way delay: 22.078 ms

Loss rate: 0.18%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: Fri, 23 Jun 2017 20:42:09 +0000

End at: Fri, 23 Jun 2017 20:42:39 +0000

Local clock offset: -2.319 ms

Remote clock offset: 0.012 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:07:50 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.71 Mbit/s

95th percentile per-packet one-way delay: 13.362 ms

Loss rate: 0.19%

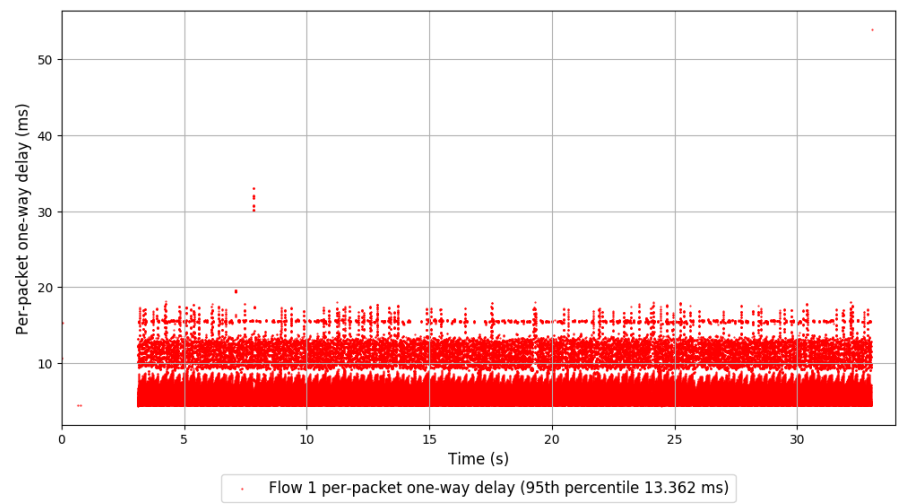
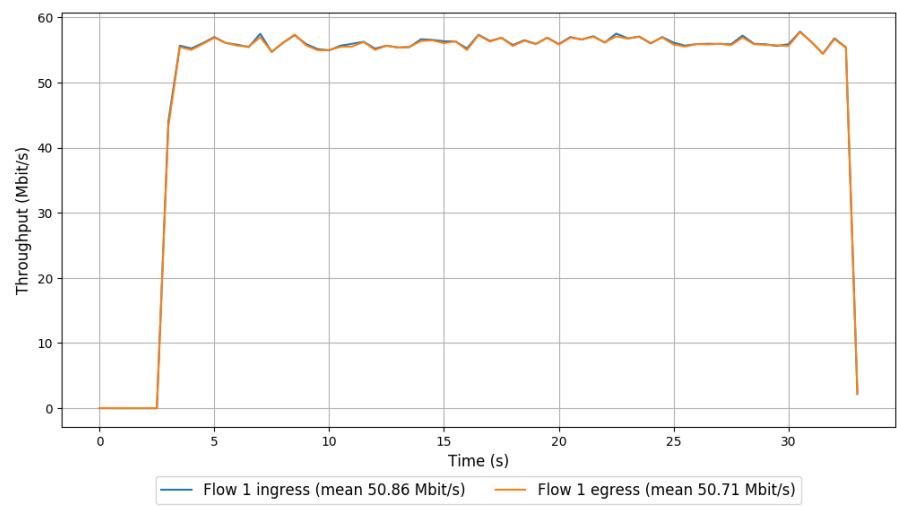
-- Flow 1:

Average throughput: 50.71 Mbit/s

95th percentile per-packet one-way delay: 13.362 ms

Loss rate: 0.19%

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: Fri, 23 Jun 2017 21:00:46 +0000

End at: Fri, 23 Jun 2017 21:01:16 +0000

Local clock offset: -2.826 ms

Remote clock offset: -0.016 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:08:05 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.63 Mbit/s

95th percentile per-packet one-way delay: 14.230 ms

Loss rate: 0.21%

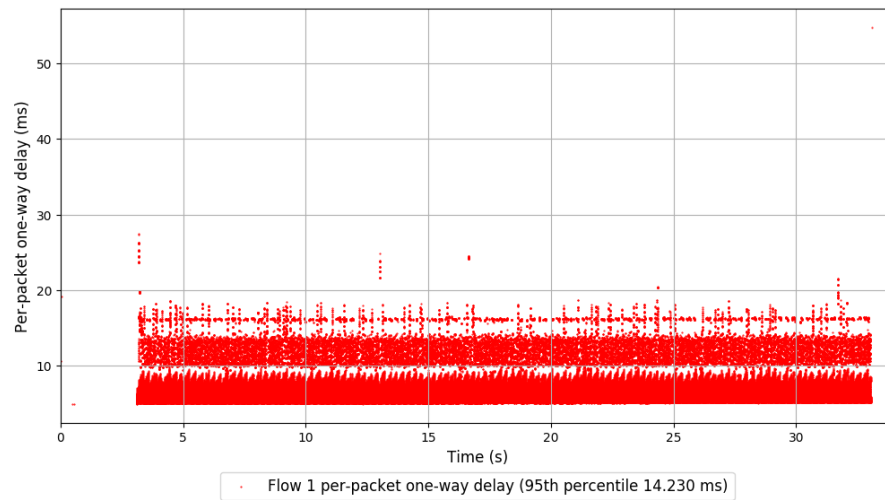
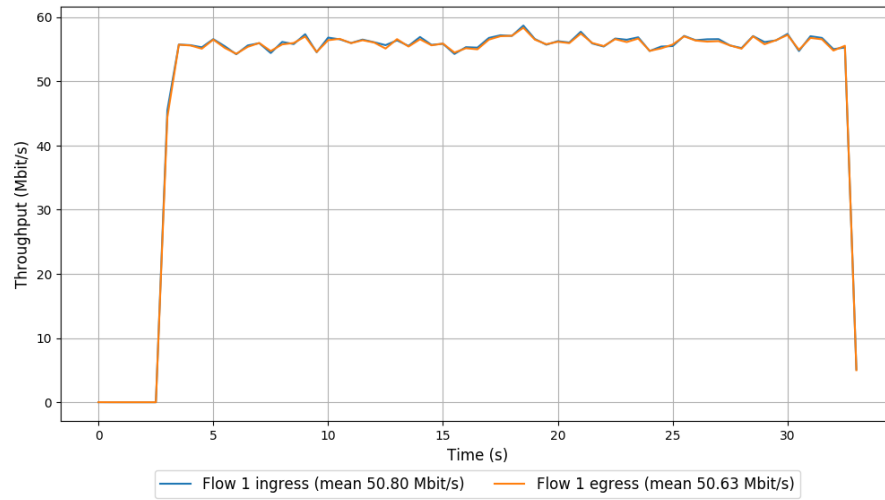
-- Flow 1:

Average throughput: 50.63 Mbit/s

95th percentile per-packet one-way delay: 14.230 ms

Loss rate: 0.21%

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: Fri, 23 Jun 2017 21:19:16 +0000

End at: Fri, 23 Jun 2017 21:19:46 +0000

Local clock offset: -4.018 ms

Remote clock offset: -0.116 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:08:19 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.28 Mbit/s

95th percentile per-packet one-way delay: 15.664 ms

Loss rate: 0.20%

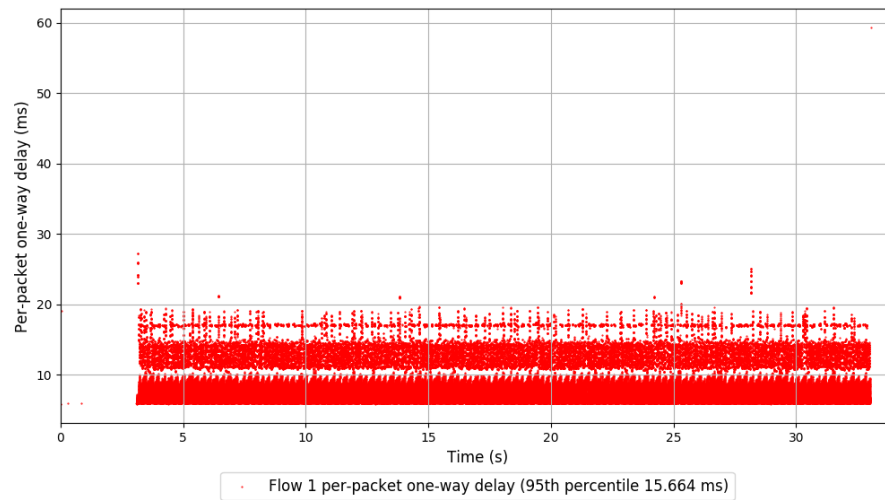
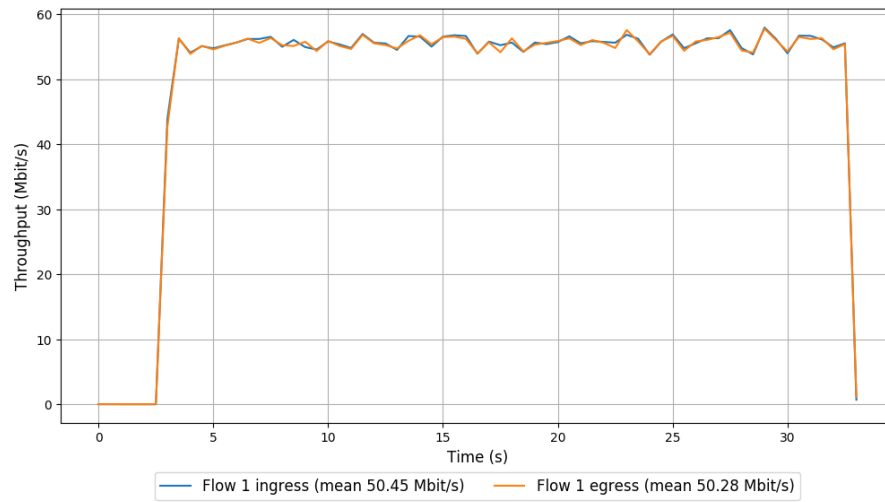
-- Flow 1:

Average throughput: 50.28 Mbit/s

95th percentile per-packet one-way delay: 15.664 ms

Loss rate: 0.20%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: Fri, 23 Jun 2017 21:37:40 +0000

End at: Fri, 23 Jun 2017 21:38:11 +0000

Local clock offset: -1.819 ms

Remote clock offset: -0.135 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:08:34 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 44.97 Mbit/s

95th percentile per-packet one-way delay: 15.711 ms

Loss rate: 0.23%

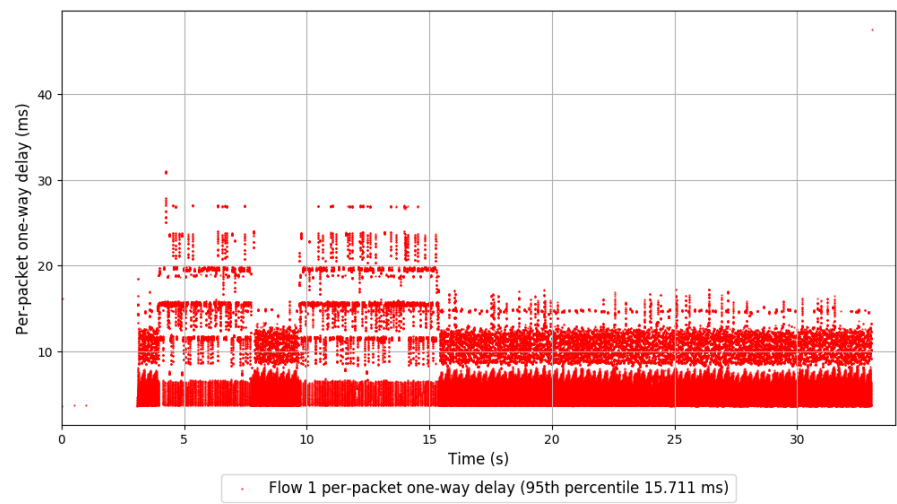
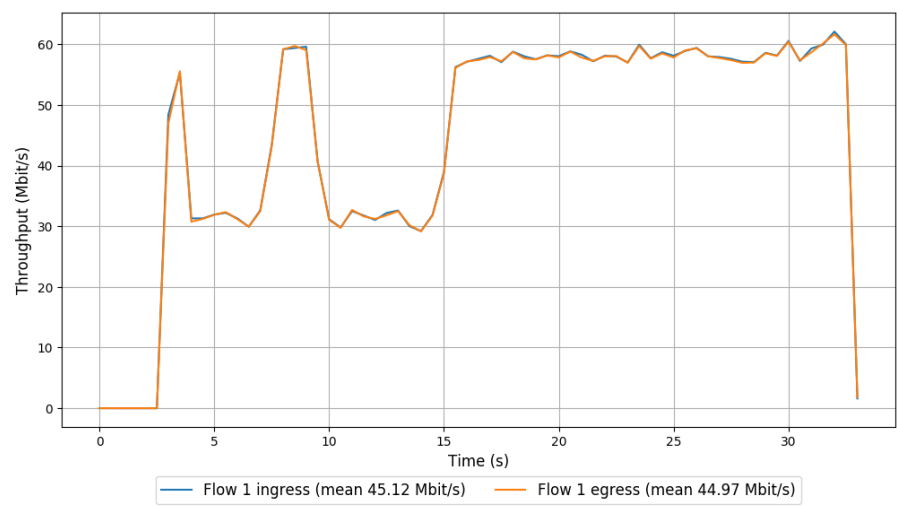
-- Flow 1:

Average throughput: 44.97 Mbit/s

95th percentile per-packet one-way delay: 15.711 ms

Loss rate: 0.23%

Run 5: Report of TCP Cubic — Data Link



Run 6: Statistics of TCP Cubic

Start at: Fri, 23 Jun 2017 21:55:37 +0000

End at: Fri, 23 Jun 2017 21:56:07 +0000

Local clock offset: -0.39 ms

Remote clock offset: -0.255 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:08:50 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 51.03 Mbit/s

95th percentile per-packet one-way delay: 11.139 ms

Loss rate: 0.21%

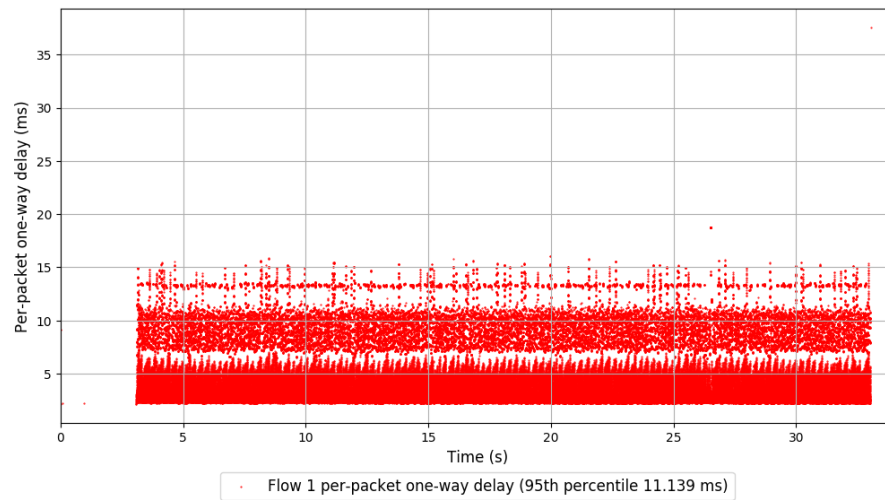
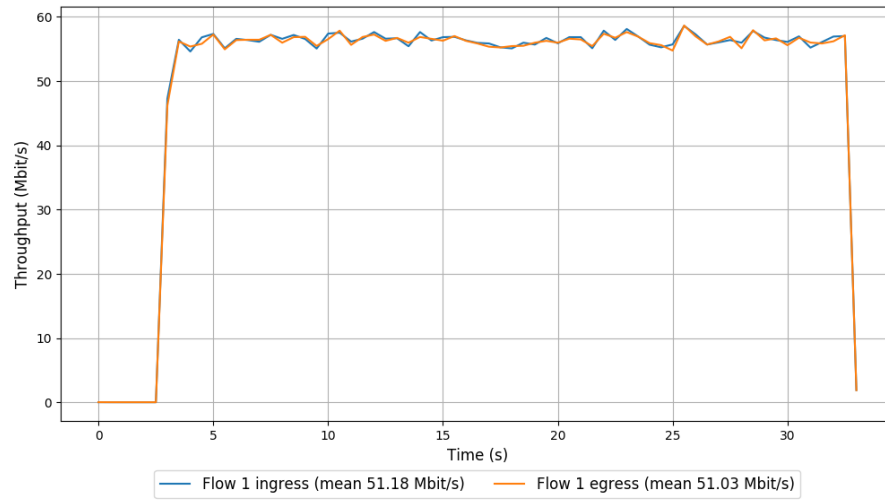
-- Flow 1:

Average throughput: 51.03 Mbit/s

95th percentile per-packet one-way delay: 11.139 ms

Loss rate: 0.21%

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: Fri, 23 Jun 2017 22:13:38 +0000

End at: Fri, 23 Jun 2017 22:14:08 +0000

Local clock offset: -3.032 ms

Remote clock offset: -0.378 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:09:01 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 43.71 Mbit/s

95th percentile per-packet one-way delay: 17.687 ms

Loss rate: 0.22%

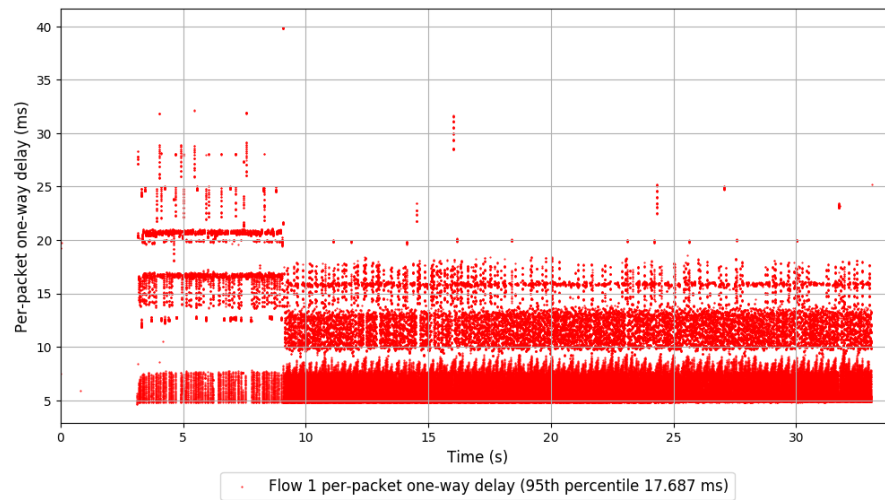
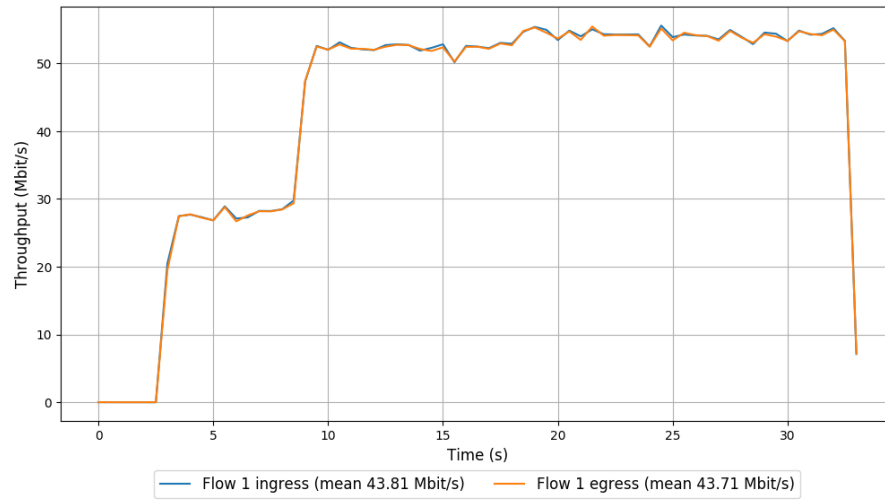
-- Flow 1:

Average throughput: 43.71 Mbit/s

95th percentile per-packet one-way delay: 17.687 ms

Loss rate: 0.22%

Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: Fri, 23 Jun 2017 22:31:32 +0000

End at: Fri, 23 Jun 2017 22:32:02 +0000

Local clock offset: -3.074 ms

Remote clock offset: -0.58 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:09:20 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.10 Mbit/s

95th percentile per-packet one-way delay: 14.649 ms

Loss rate: 0.20%

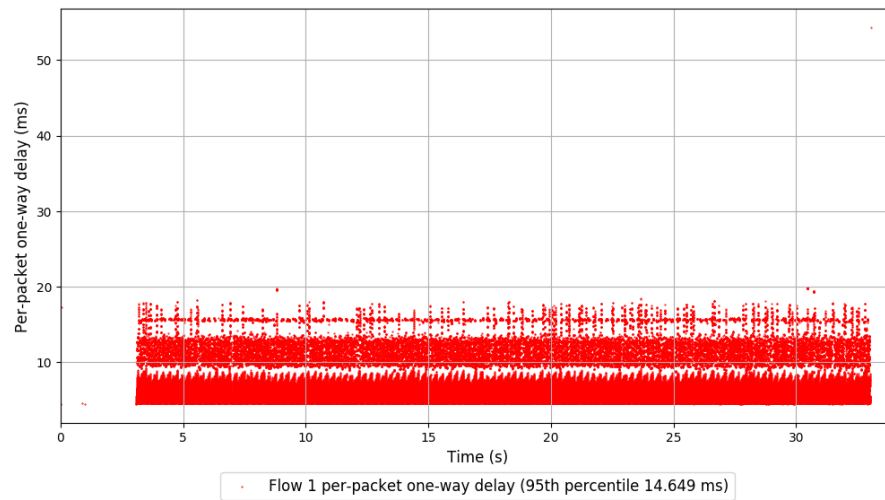
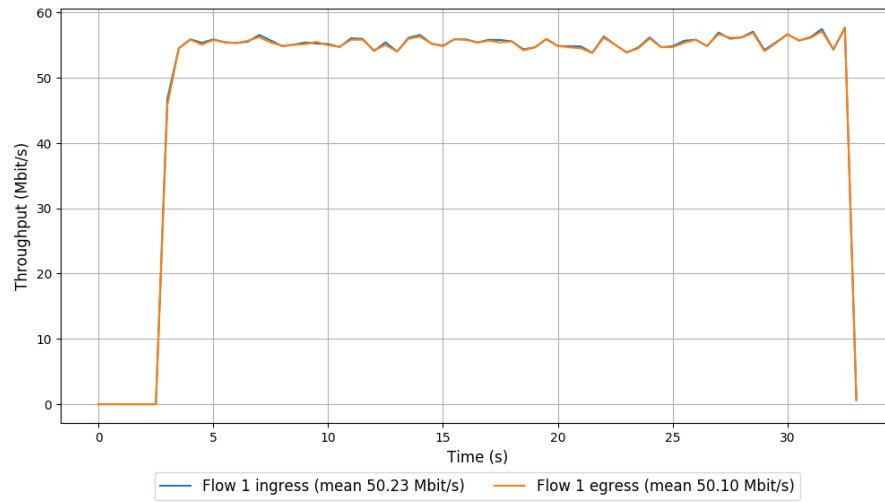
-- Flow 1:

Average throughput: 50.10 Mbit/s

95th percentile per-packet one-way delay: 14.649 ms

Loss rate: 0.20%

Run 8: Report of TCP Cubic — Data Link



Run 9: Statistics of TCP Cubic

Start at: Fri, 23 Jun 2017 22:50:07 +0000

End at: Fri, 23 Jun 2017 22:50:37 +0000

Local clock offset: -3.347 ms

Remote clock offset: -0.725 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:09:33 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.55 Mbit/s

95th percentile per-packet one-way delay: 13.740 ms

Loss rate: 0.20%

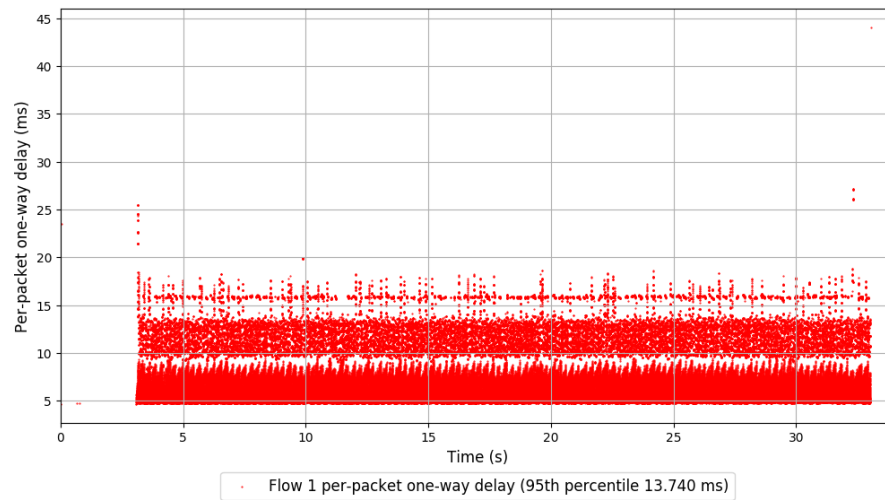
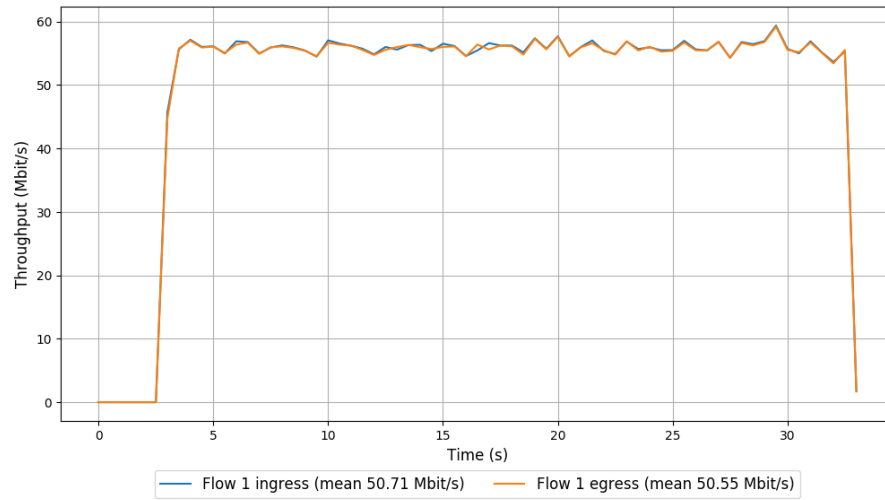
-- Flow 1:

Average throughput: 50.55 Mbit/s

95th percentile per-packet one-way delay: 13.740 ms

Loss rate: 0.20%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: Fri, 23 Jun 2017 23:08:13 +0000

End at: Fri, 23 Jun 2017 23:08:43 +0000

Local clock offset: -2.87 ms

Remote clock offset: -0.799 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:09:45 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 38.11 Mbit/s

95th percentile per-packet one-way delay: 20.020 ms

Loss rate: 0.22%

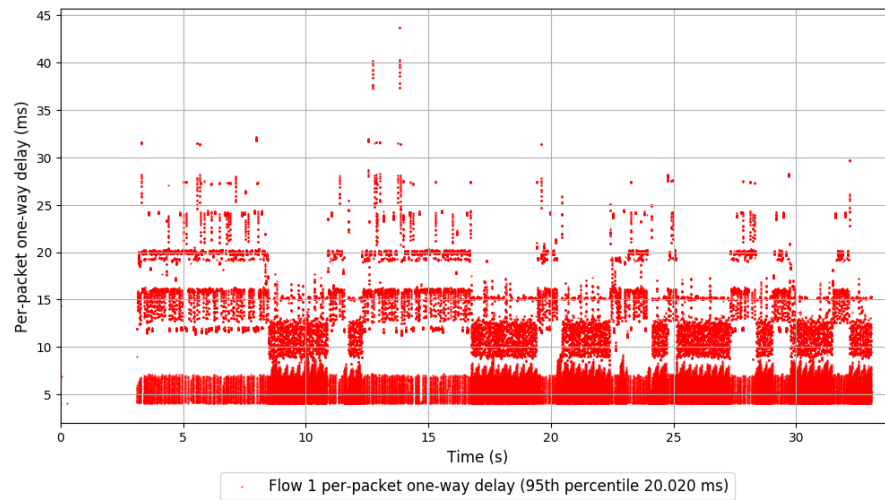
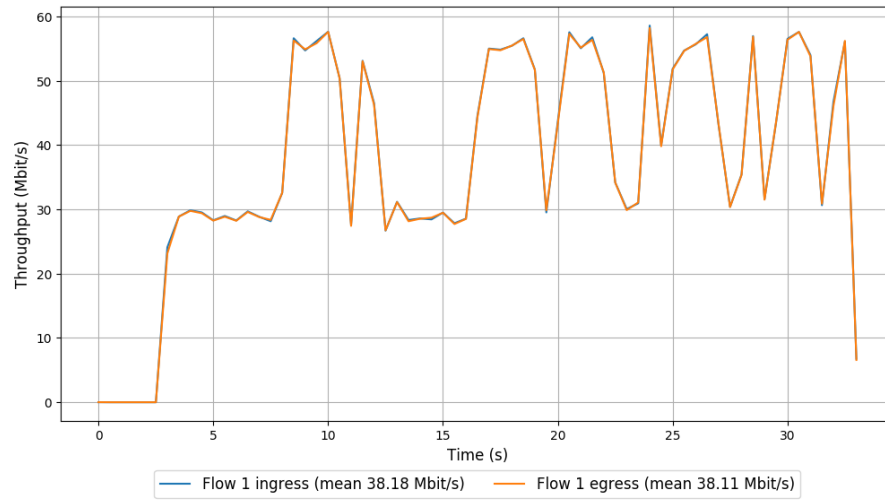
-- Flow 1:

Average throughput: 38.11 Mbit/s

95th percentile per-packet one-way delay: 20.020 ms

Loss rate: 0.22%

Run 10: Report of TCP Cubic — Data Link



Run 1: Statistics of KohoCC

Start at: Fri, 23 Jun 2017 20:32:40 +0000

End at: Fri, 23 Jun 2017 20:33:11 +0000

Local clock offset: -2.74 ms

Remote clock offset: 0.035 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:09:45 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.88 Mbit/s

95th percentile per-packet one-way delay: 4.941 ms

Loss rate: 0.01%

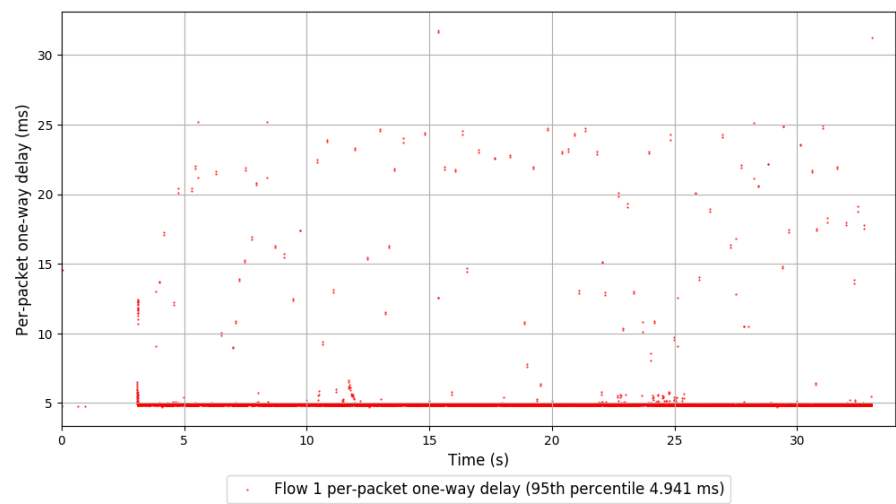
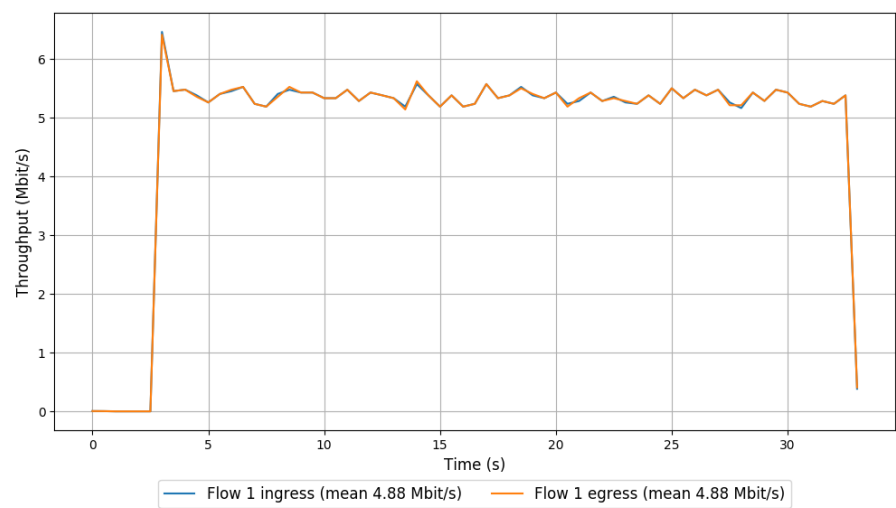
-- Flow 1:

Average throughput: 4.88 Mbit/s

95th percentile per-packet one-way delay: 4.941 ms

Loss rate: 0.01%

Run 1: Report of KohoCC — Data Link



Run 2: Statistics of KohoCC

Start at: Fri, 23 Jun 2017 20:51:05 +0000

End at: Fri, 23 Jun 2017 20:51:35 +0000

Local clock offset: -2.049 ms

Remote clock offset: 0.029 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:10:07 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 37.68 Mbit/s

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

Loss rate: 0.02%

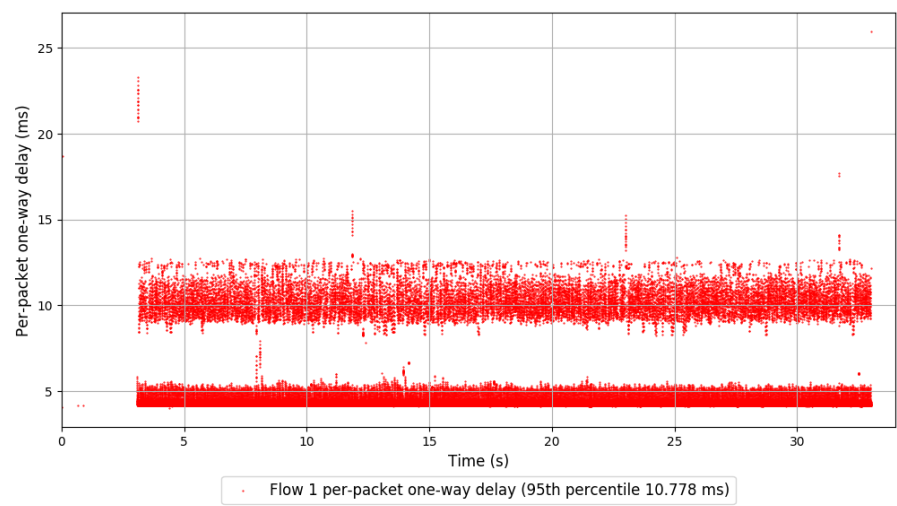
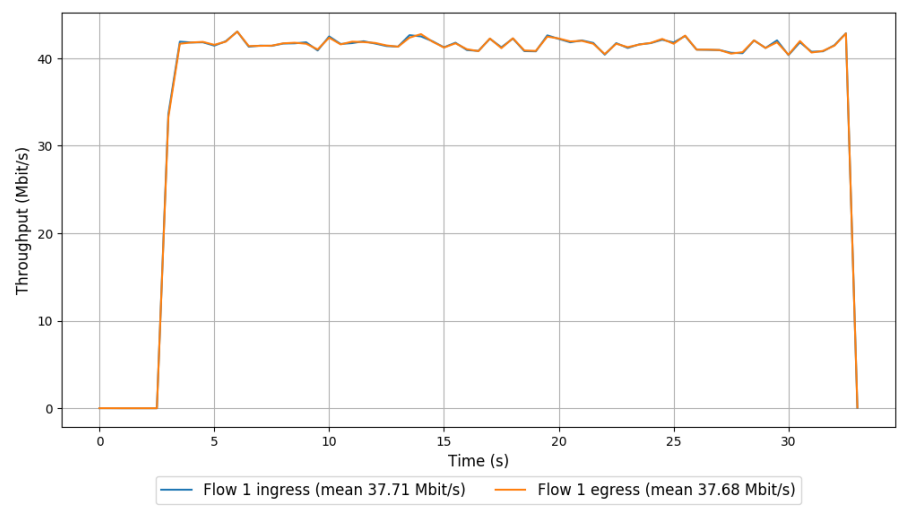
-- Flow 1:

Average throughput: 37.68 Mbit/s

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

Loss rate: 0.02%

Run 2: Report of KohoCC — Data Link



Run 3: Statistics of KohoCC

Start at: Fri, 23 Jun 2017 21:10:00 +0000

End at: Fri, 23 Jun 2017 21:10:30 +0000

Local clock offset: -4.231 ms

Remote clock offset: -0.092 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:10:07 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.12 Mbit/s

95th percentile per-packet one-way delay: 6.541 ms

Loss rate: 0.01%

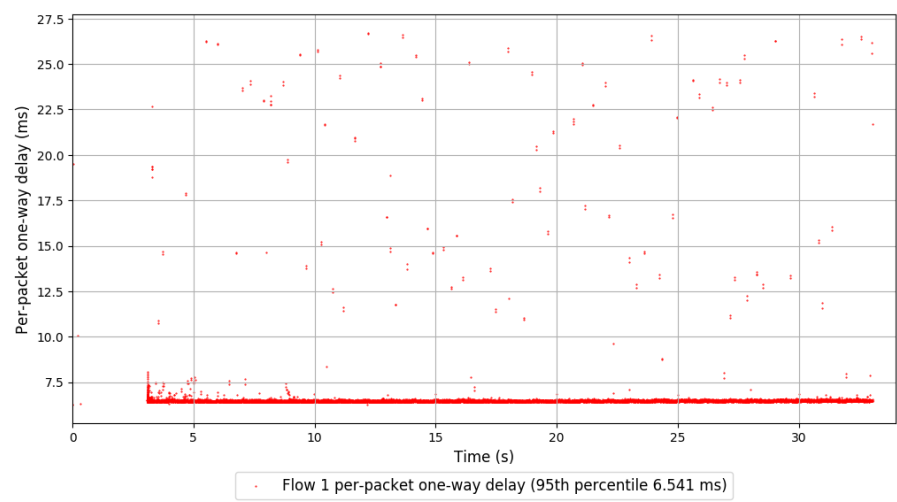
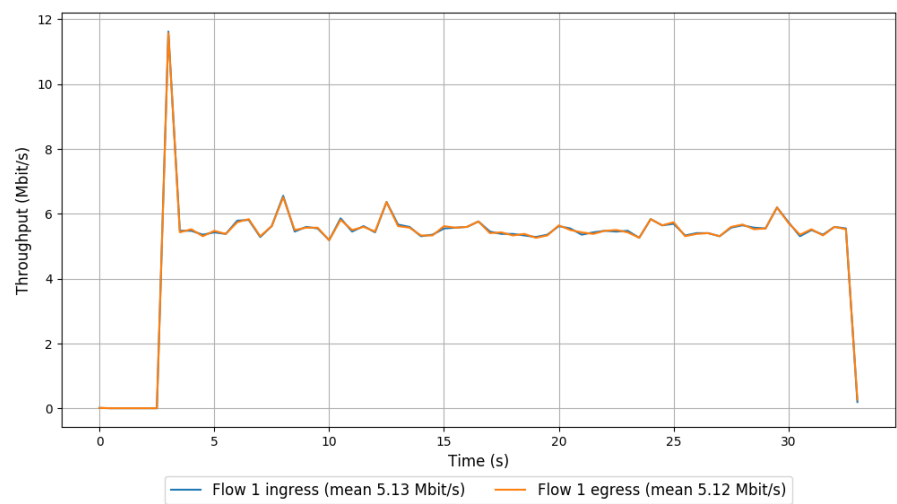
-- Flow 1:

Average throughput: 5.12 Mbit/s

95th percentile per-packet one-way delay: 6.541 ms

Loss rate: 0.01%

Run 3: Report of KohoCC — Data Link



Run 4: Statistics of KohoCC

Start at: Fri, 23 Jun 2017 21:28:11 +0000

End at: Fri, 23 Jun 2017 21:28:41 +0000

Local clock offset: -3.482 ms

Remote clock offset: -0.165 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:10:07 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.01 Mbit/s

95th percentile per-packet one-way delay: 5.581 ms

Loss rate: 0.01%

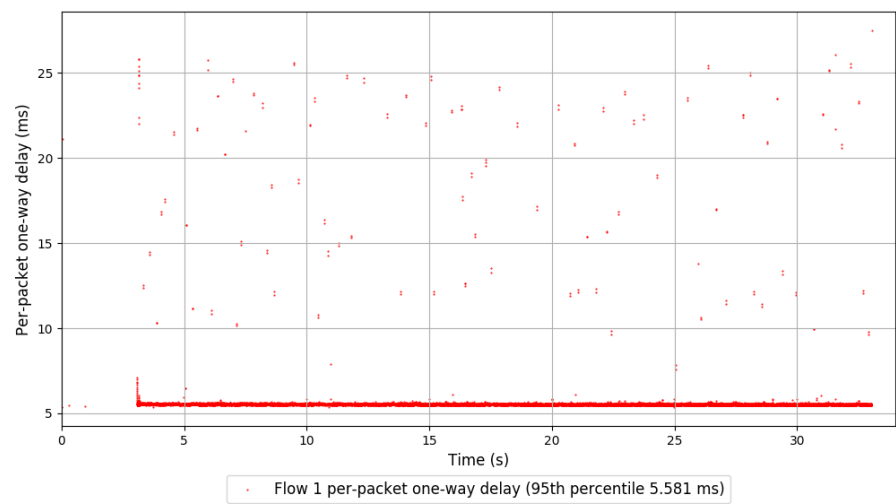
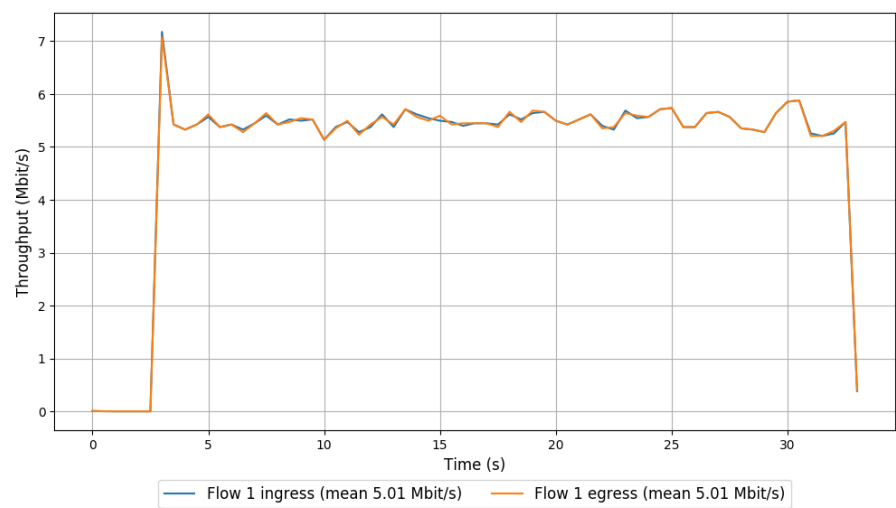
-- Flow 1:

Average throughput: 5.01 Mbit/s

95th percentile per-packet one-way delay: 5.581 ms

Loss rate: 0.01%

Run 4: Report of KohoCC — Data Link



Run 5: Statistics of KohoCC

Start at: Fri, 23 Jun 2017 21:46:18 +0000

End at: Fri, 23 Jun 2017 21:46:48 +0000

Local clock offset: -0.849 ms

Remote clock offset: -0.137 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:10:07 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.93 Mbit/s

95th percentile per-packet one-way delay: 2.849 ms

Loss rate: 0.01%

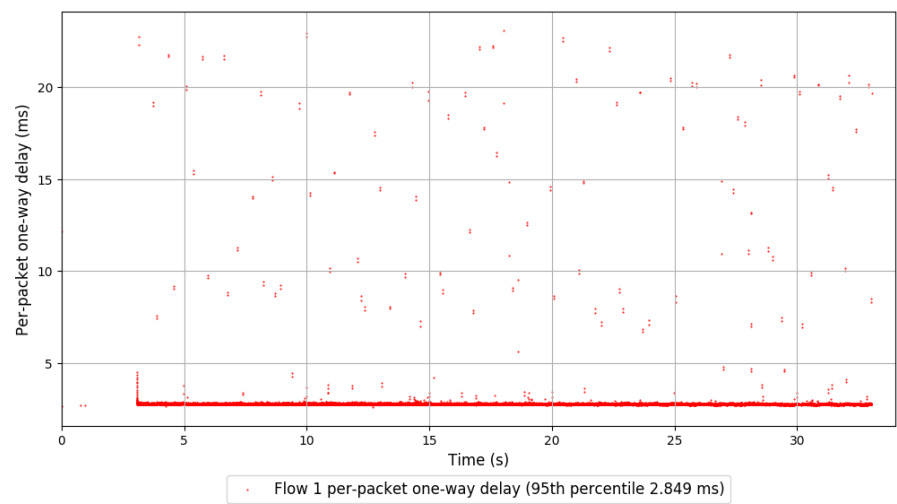
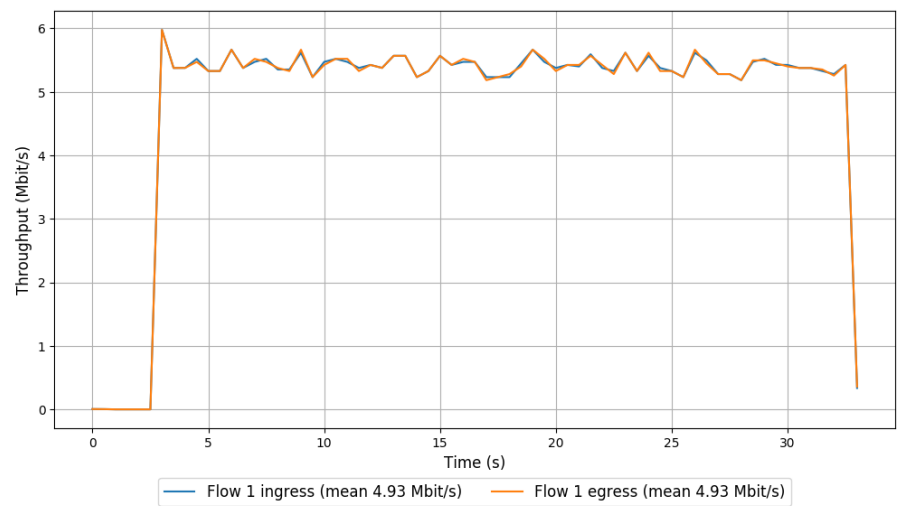
-- Flow 1:

Average throughput: 4.93 Mbit/s

95th percentile per-packet one-way delay: 2.849 ms

Loss rate: 0.01%

Run 5: Report of KohoCC — Data Link



Run 6: Statistics of KohoCC

Start at: Fri, 23 Jun 2017 22:04:34 +0000

End at: Fri, 23 Jun 2017 22:05:05 +0000

Local clock offset: -0.019 ms

Remote clock offset: -0.241 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:10:15 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.03 Mbit/s

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

Loss rate: 0.01%

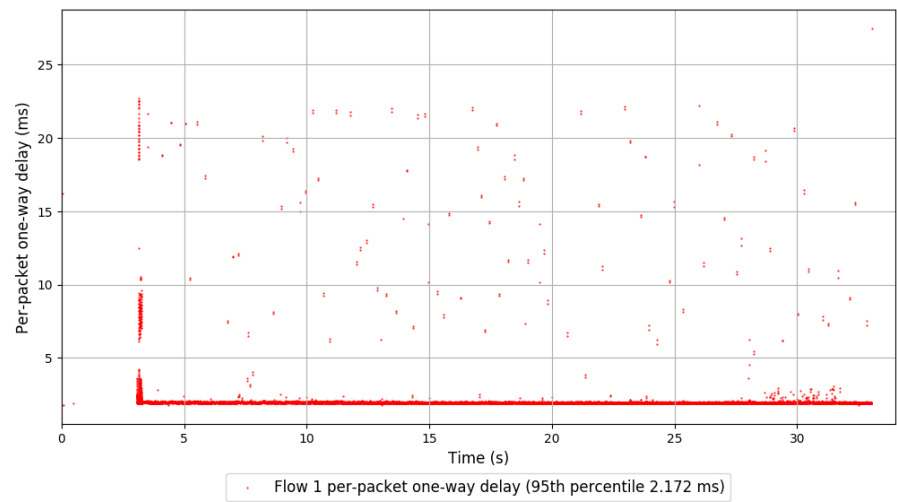
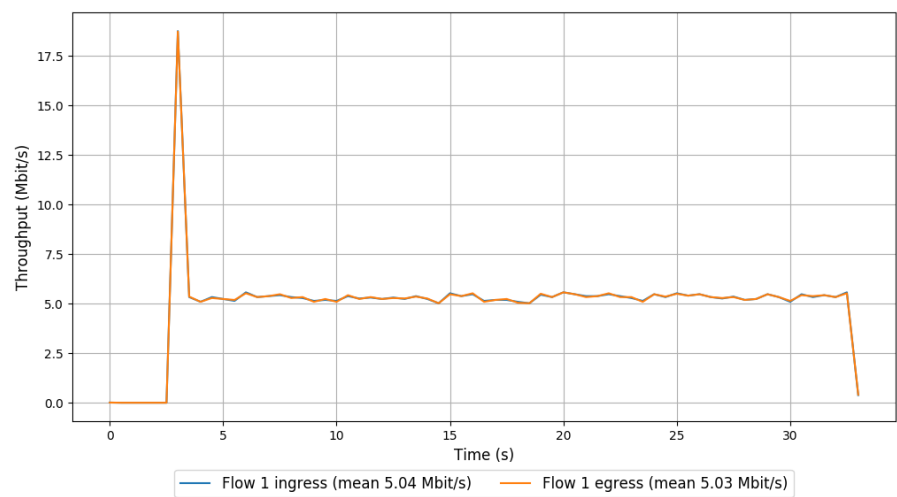
-- Flow 1:

Average throughput: 5.03 Mbit/s

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

Loss rate: 0.01%

Run 6: Report of KohoCC — Data Link



Run 7: Statistics of KohoCC

Start at: Fri, 23 Jun 2017 22:22:20 +0000

End at: Fri, 23 Jun 2017 22:22:50 +0000

Local clock offset: -4.093 ms

Remote clock offset: -0.479 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:10:15 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.01 Mbit/s

95th percentile per-packet one-way delay: 20.294 ms

Loss rate: 0.02%

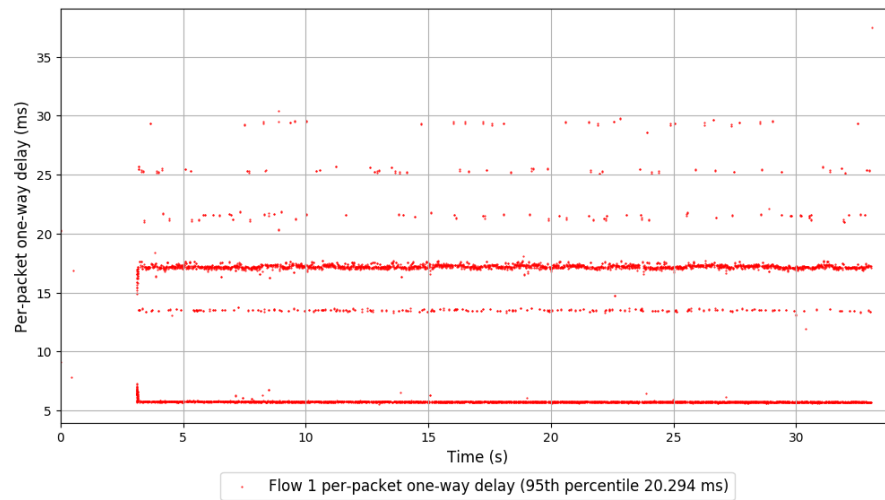
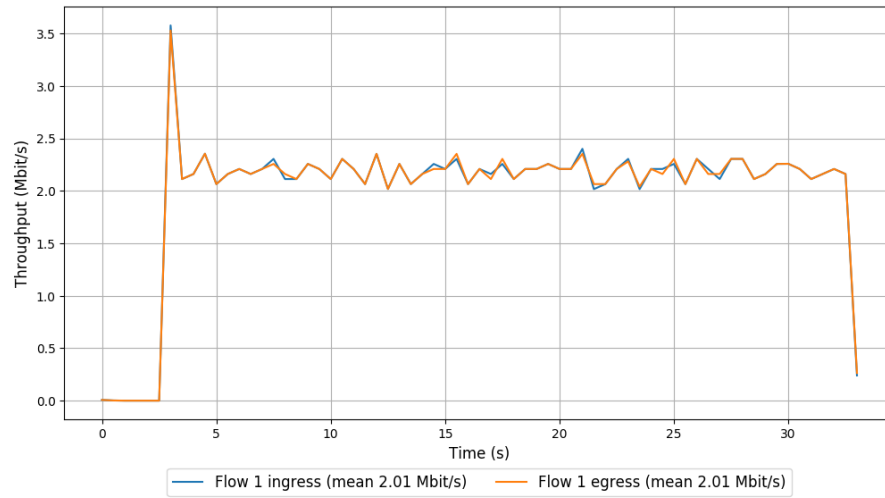
-- Flow 1:

Average throughput: 2.01 Mbit/s

95th percentile per-packet one-way delay: 20.294 ms

Loss rate: 0.02%

Run 7: Report of KohoCC — Data Link



Run 8: Statistics of KohoCC

Start at: Fri, 23 Jun 2017 22:40:38 +0000

End at: Fri, 23 Jun 2017 22:41:08 +0000

Local clock offset: -2.359 ms

Remote clock offset: -0.643 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:10:22 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.01 Mbit/s

95th percentile per-packet one-way delay: 4.129 ms

Loss rate: 0.01%

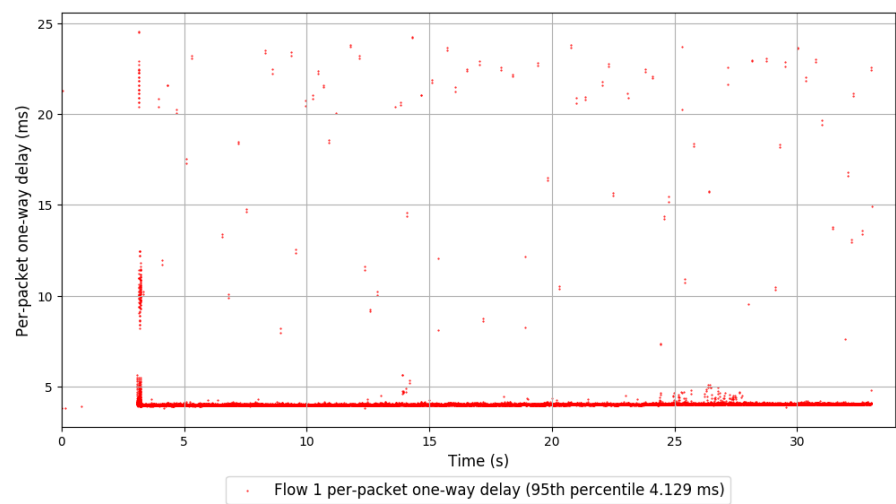
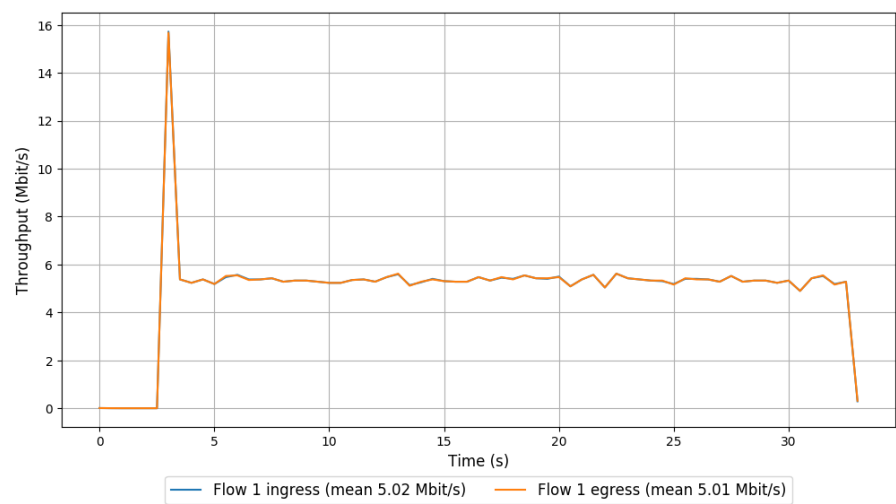
-- Flow 1:

Average throughput: 5.01 Mbit/s

95th percentile per-packet one-way delay: 4.129 ms

Loss rate: 0.01%

Run 8: Report of KohoCC — Data Link



Run 9: Statistics of KohoCC

Start at: Fri, 23 Jun 2017 22:58:57 +0000

End at: Fri, 23 Jun 2017 22:59:27 +0000

Local clock offset: -3.33 ms

Remote clock offset: -0.787 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:10:23 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.87 Mbit/s

95th percentile per-packet one-way delay: 4.710 ms

Loss rate: 0.01%

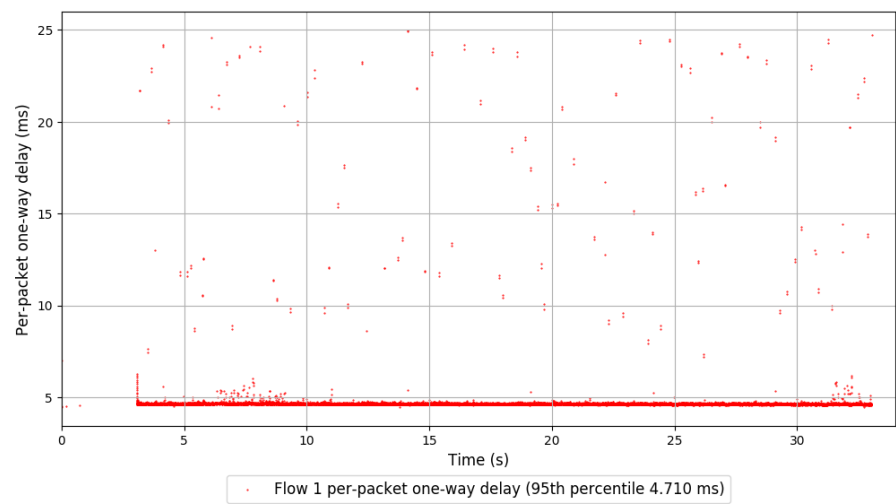
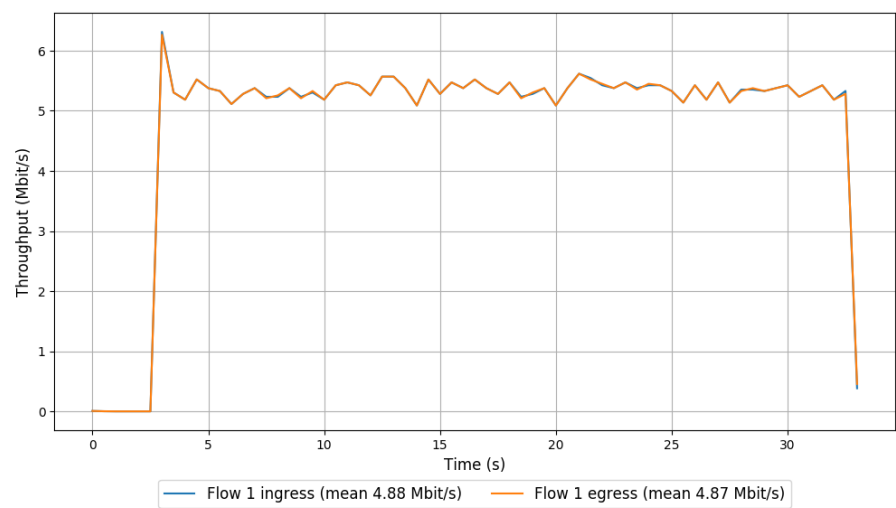
-- Flow 1:

Average throughput: 4.87 Mbit/s

95th percentile per-packet one-way delay: 4.710 ms

Loss rate: 0.01%

Run 9: Report of KohoCC — Data Link



Run 10: Statistics of KohoCC

Start at: Fri, 23 Jun 2017 23:17:28 +0000

End at: Fri, 23 Jun 2017 23:17:58 +0000

Local clock offset: -2.413 ms

Remote clock offset: -0.853 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:10:29 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.89 Mbit/s

95th percentile per-packet one-way delay: 3.712 ms

Loss rate: 0.01%

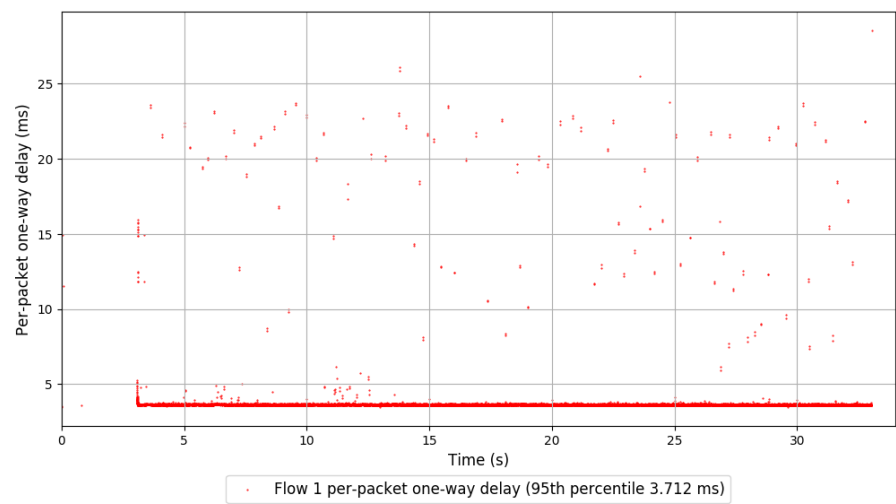
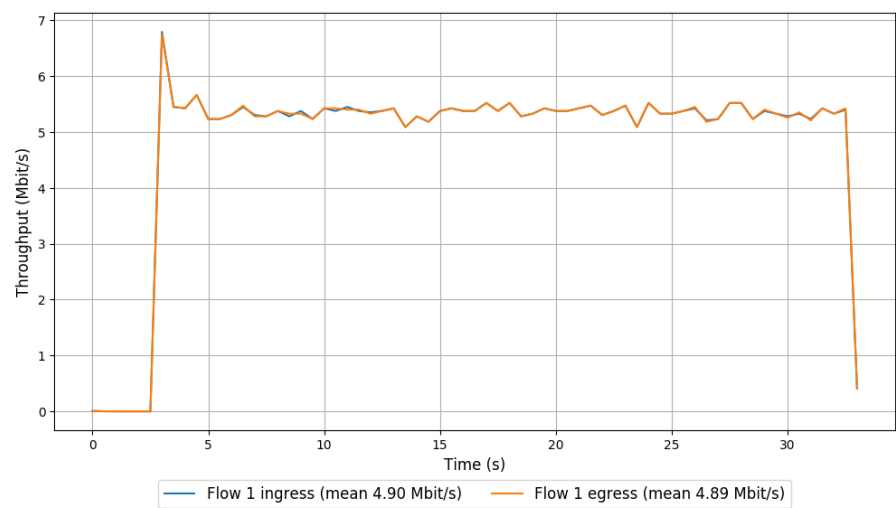
-- Flow 1:

Average throughput: 4.89 Mbit/s

95th percentile per-packet one-way delay: 3.712 ms

Loss rate: 0.01%

Run 10: Report of KohoCC — Data Link



Run 1: Statistics of LEDBAT

Start at: Fri, 23 Jun 2017 20:28:40 +0000

End at: Fri, 23 Jun 2017 20:29:10 +0000

Local clock offset: -3.199 ms

Remote clock offset: 0.038 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:10:48 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 38.79 Mbit/s

95th percentile per-packet one-way delay: 19.805 ms

Loss rate: 0.76%

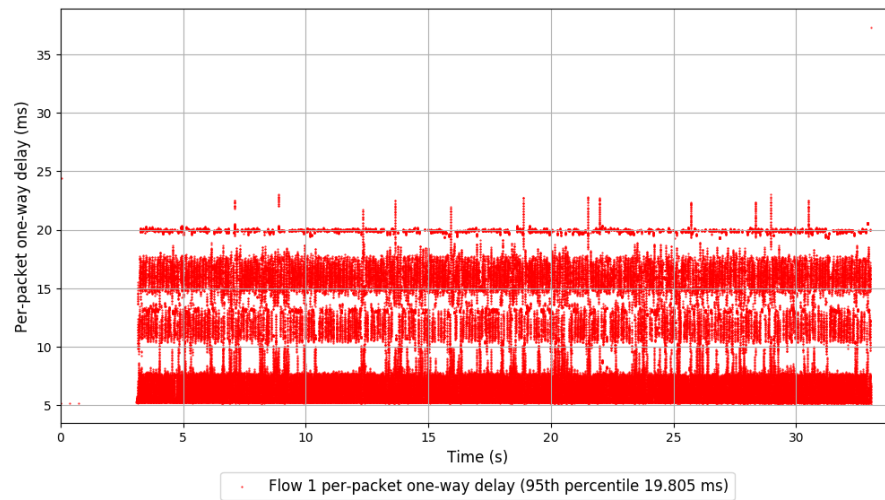
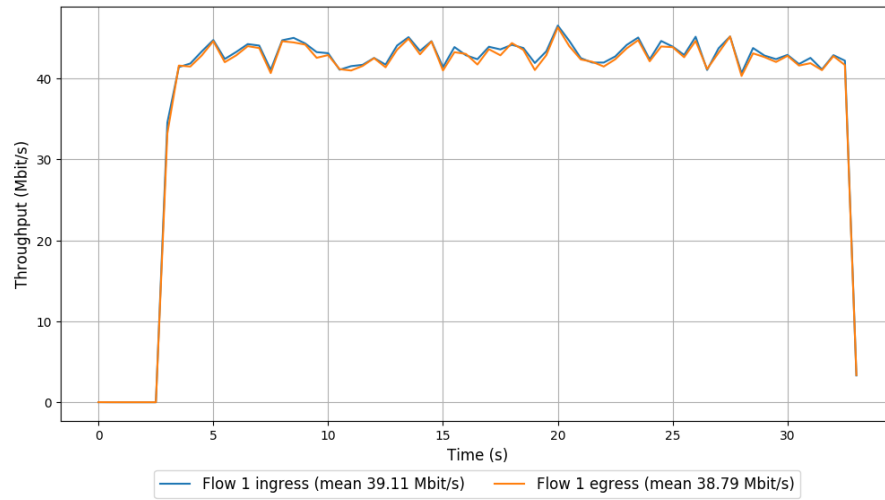
-- Flow 1:

Average throughput: 38.79 Mbit/s

95th percentile per-packet one-way delay: 19.805 ms

Loss rate: 0.76%

Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: Fri, 23 Jun 2017 20:47:15 +0000

End at: Fri, 23 Jun 2017 20:47:45 +0000

Local clock offset: -2.21 ms

Remote clock offset: 0.009 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:10:48 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 20.43 Mbit/s

95th percentile per-packet one-way delay: 23.734 ms

Loss rate: 0.78%

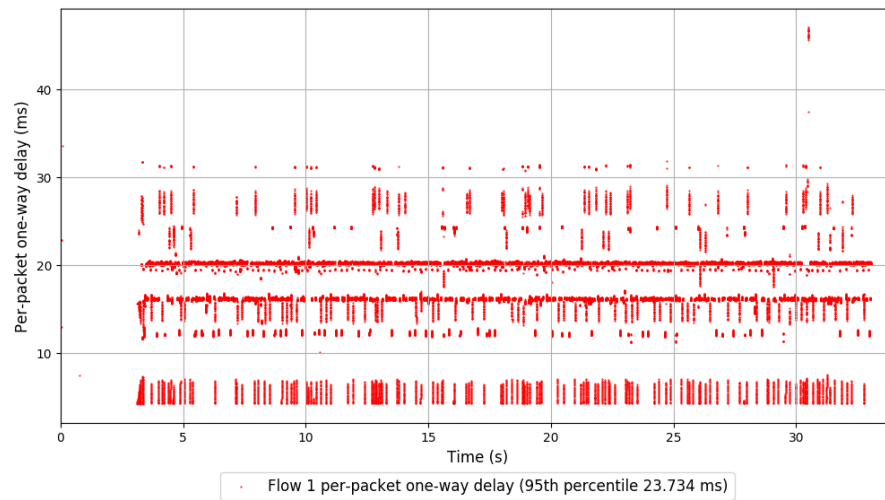
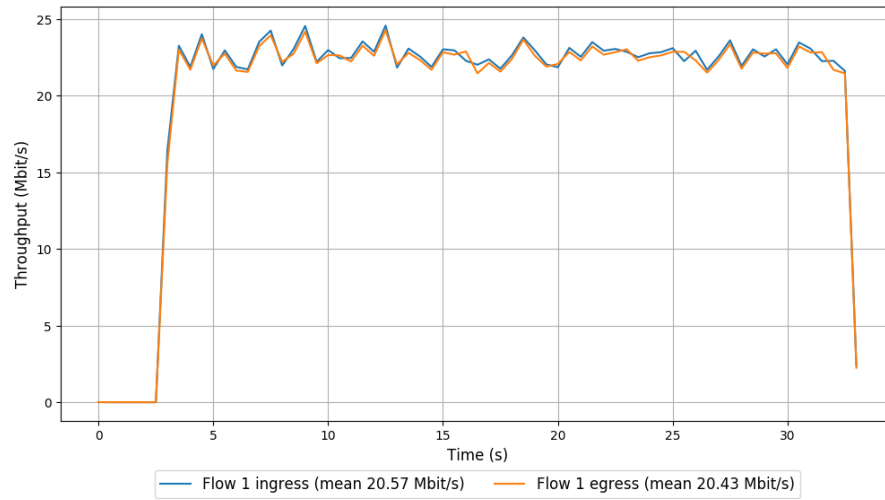
-- Flow 1:

Average throughput: 20.43 Mbit/s

95th percentile per-packet one-way delay: 23.734 ms

Loss rate: 0.78%

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: Fri, 23 Jun 2017 21:06:04 +0000

End at: Fri, 23 Jun 2017 21:06:34 +0000

Local clock offset: -3.812 ms

Remote clock offset: 0.011 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:11:08 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 43.09 Mbit/s

95th percentile per-packet one-way delay: 18.051 ms

Loss rate: 0.97%

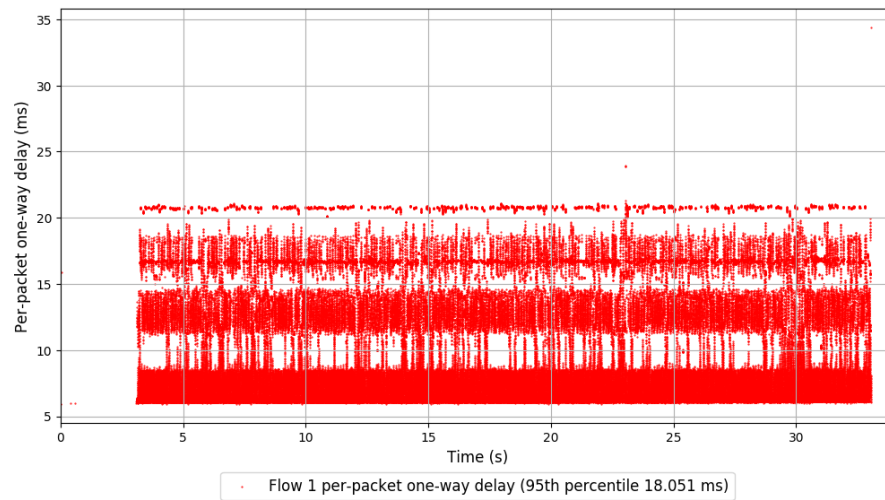
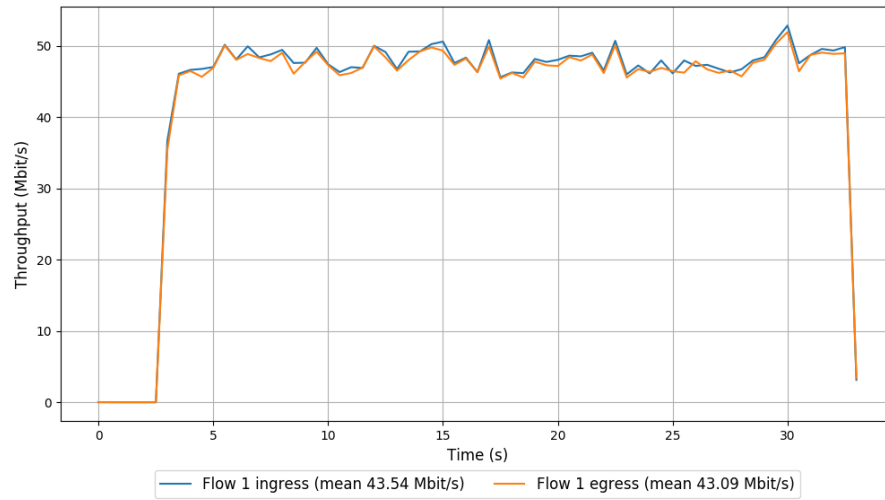
-- Flow 1:

Average throughput: 43.09 Mbit/s

95th percentile per-packet one-way delay: 18.051 ms

Loss rate: 0.97%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: Fri, 23 Jun 2017 21:24:12 +0000

End at: Fri, 23 Jun 2017 21:24:42 +0000

Local clock offset: -3.685 ms

Remote clock offset: -0.035 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:11:08 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 30.80 Mbit/s

95th percentile per-packet one-way delay: 21.795 ms

Loss rate: 0.90%

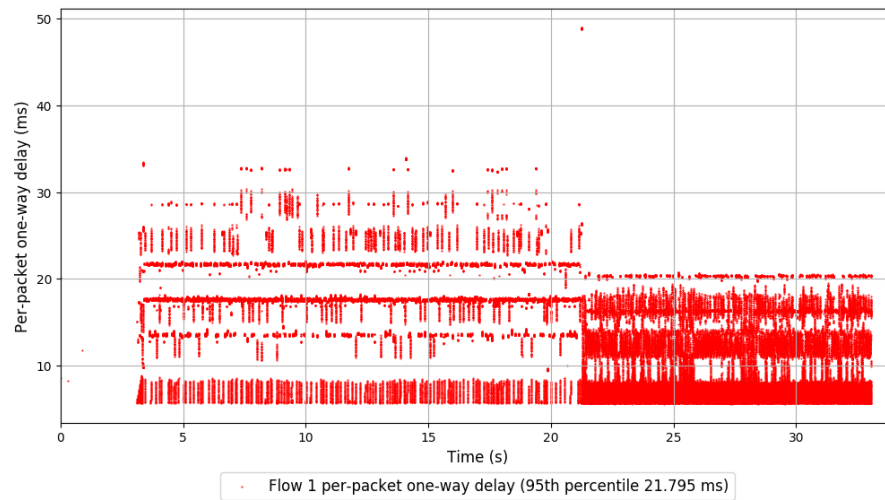
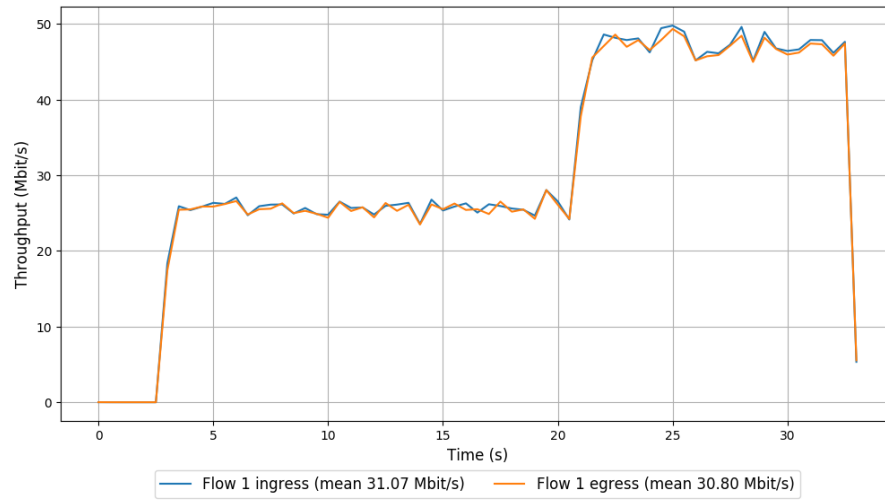
-- Flow 1:

Average throughput: 30.80 Mbit/s

95th percentile per-packet one-way delay: 21.795 ms

Loss rate: 0.90%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: Fri, 23 Jun 2017 21:42:29 +0000

End at: Fri, 23 Jun 2017 21:42:59 +0000

Local clock offset: -1.167 ms

Remote clock offset: -0.253 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:11:21 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 21.01 Mbit/s

95th percentile per-packet one-way delay: 22.568 ms

Loss rate: 0.84%

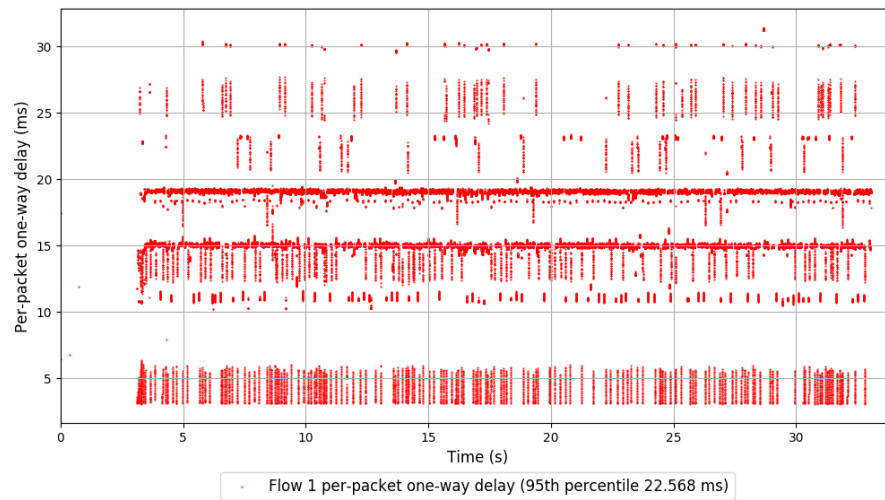
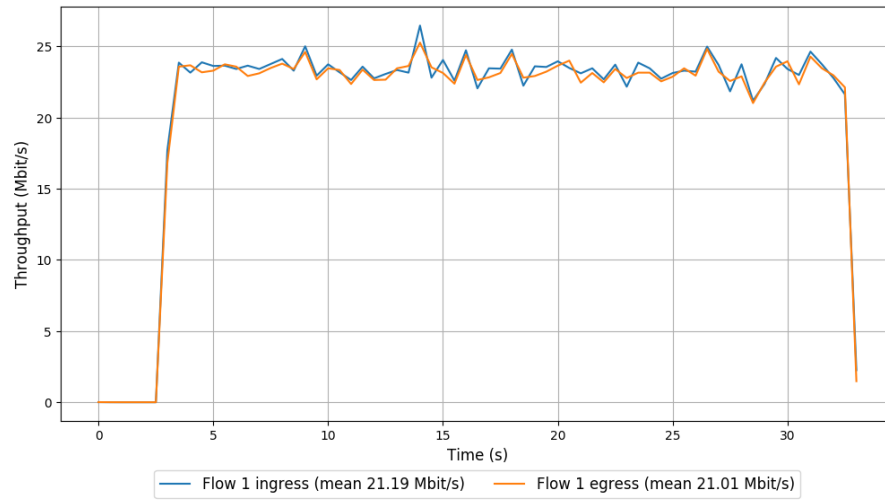
-- Flow 1:

Average throughput: 21.01 Mbit/s

95th percentile per-packet one-way delay: 22.568 ms

Loss rate: 0.84%

Run 5: Report of LEDBAT — Data Link



Run 6: Statistics of LEDBAT

Start at: Fri, 23 Jun 2017 22:00:35 +0000

End at: Fri, 23 Jun 2017 22:01:05 +0000

Local clock offset: -0.29 ms

Remote clock offset: -0.249 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:11:31 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 41.15 Mbit/s

95th percentile per-packet one-way delay: 14.388 ms

Loss rate: 0.90%

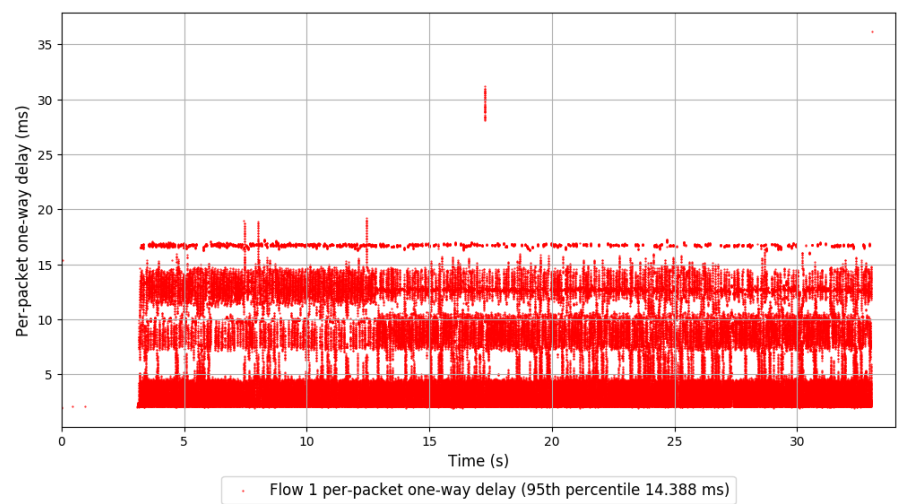
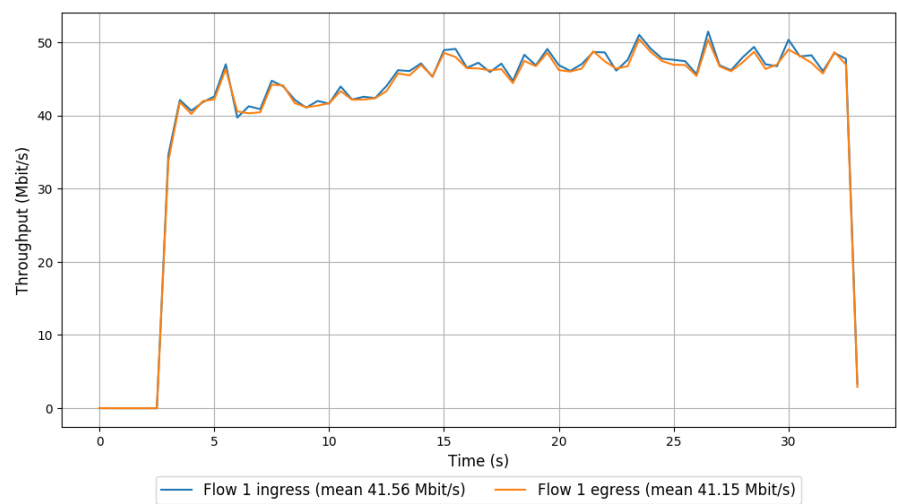
-- Flow 1:

Average throughput: 41.15 Mbit/s

95th percentile per-packet one-way delay: 14.388 ms

Loss rate: 0.90%

Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

Start at: Fri, 23 Jun 2017 22:18:34 +0000

End at: Fri, 23 Jun 2017 22:19:04 +0000

Local clock offset: -3.793 ms

Remote clock offset: -0.444 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:11:36 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 22.77 Mbit/s

95th percentile per-packet one-way delay: 25.142 ms

Loss rate: 0.81%

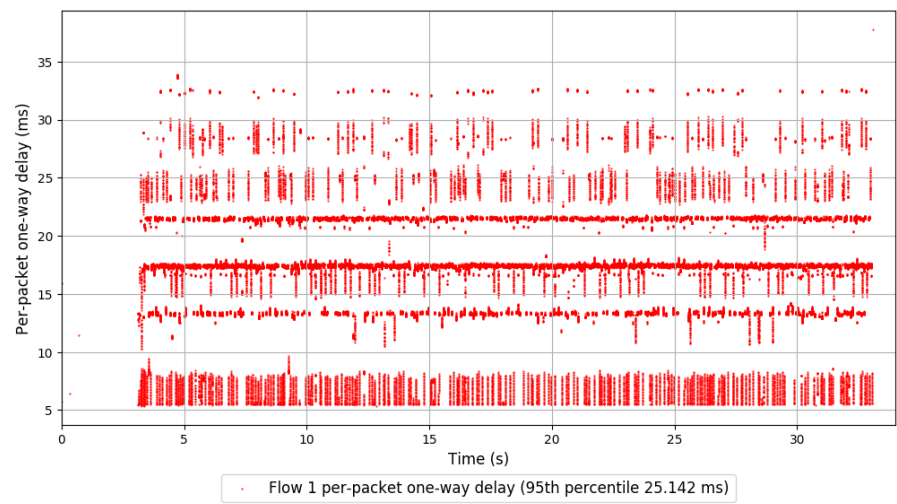
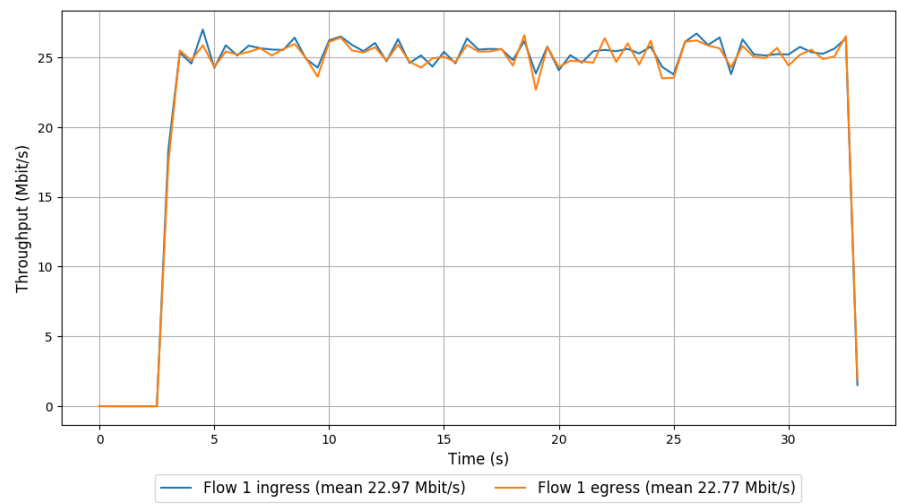
-- Flow 1:

Average throughput: 22.77 Mbit/s

95th percentile per-packet one-way delay: 25.142 ms

Loss rate: 0.81%

Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: Fri, 23 Jun 2017 22:36:49 +0000

End at: Fri, 23 Jun 2017 22:37:19 +0000

Local clock offset: -2.509 ms

Remote clock offset: -0.666 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:11:54 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 38.43 Mbit/s

95th percentile per-packet one-way delay: 18.555 ms

Loss rate: 0.73%

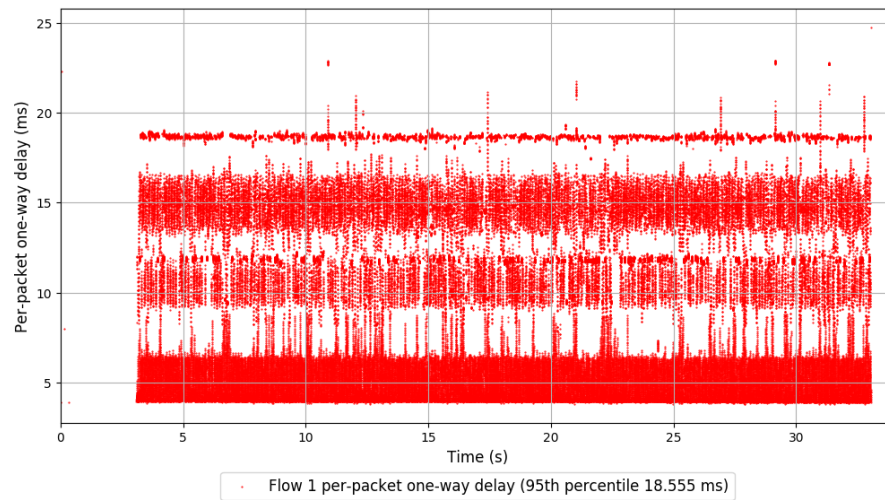
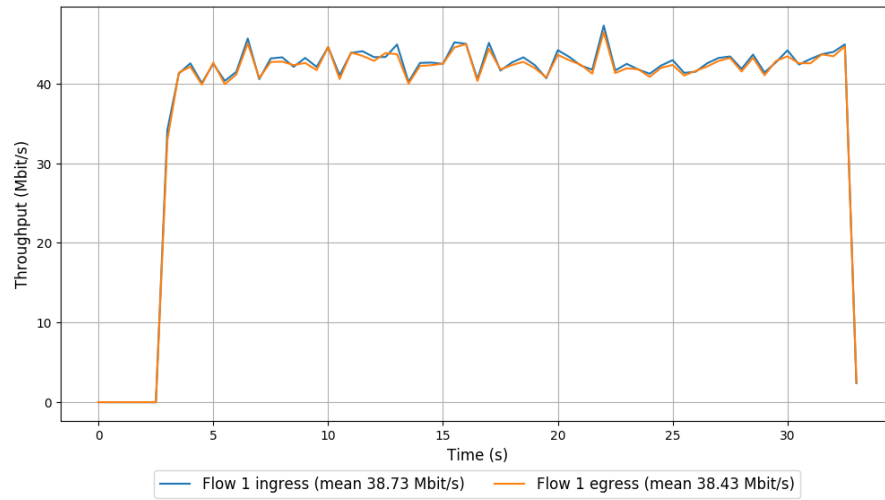
-- Flow 1:

Average throughput: 38.43 Mbit/s

95th percentile per-packet one-way delay: 18.555 ms

Loss rate: 0.73%

Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

Start at: Fri, 23 Jun 2017 22:55:03 +0000

End at: Fri, 23 Jun 2017 22:55:33 +0000

Local clock offset: -3.538 ms

Remote clock offset: -0.797 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:11:54 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.39 Mbit/s

95th percentile per-packet one-way delay: 21.086 ms

Loss rate: 0.82%

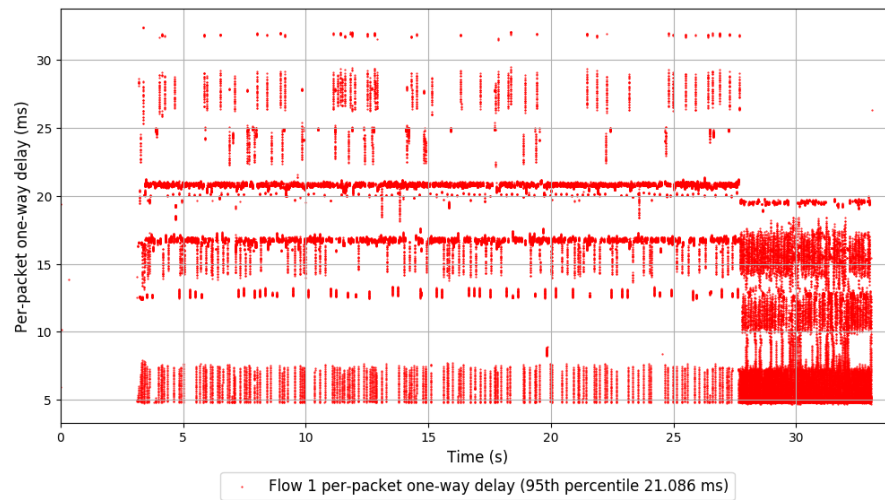
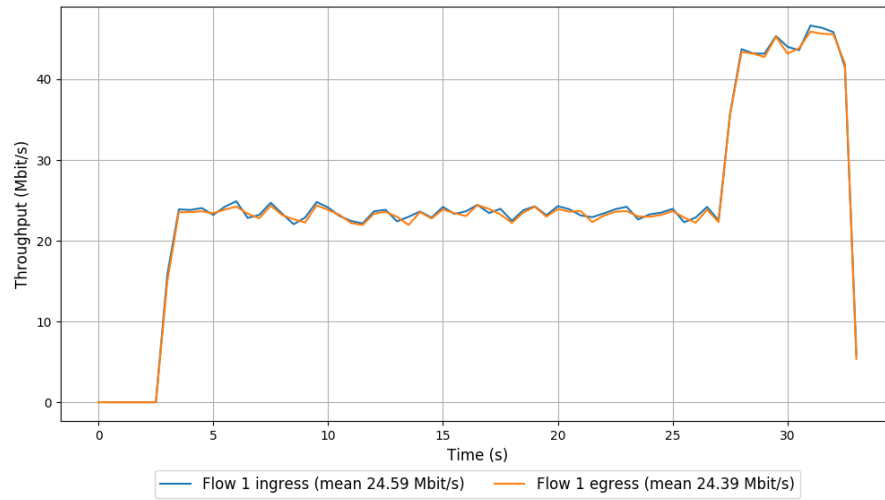
-- Flow 1:

Average throughput: 24.39 Mbit/s

95th percentile per-packet one-way delay: 21.086 ms

Loss rate: 0.82%

Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: Fri, 23 Jun 2017 23:13:27 +0000

End at: Fri, 23 Jun 2017 23:13:57 +0000

Local clock offset: -2.667 ms

Remote clock offset: -0.918 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:12:17 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 43.32 Mbit/s

95th percentile per-packet one-way delay: 15.822 ms

Loss rate: 0.98%

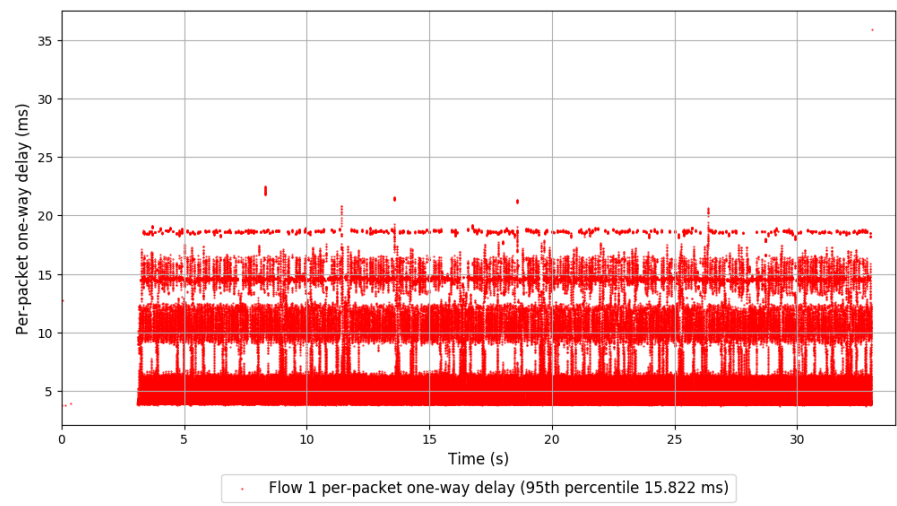
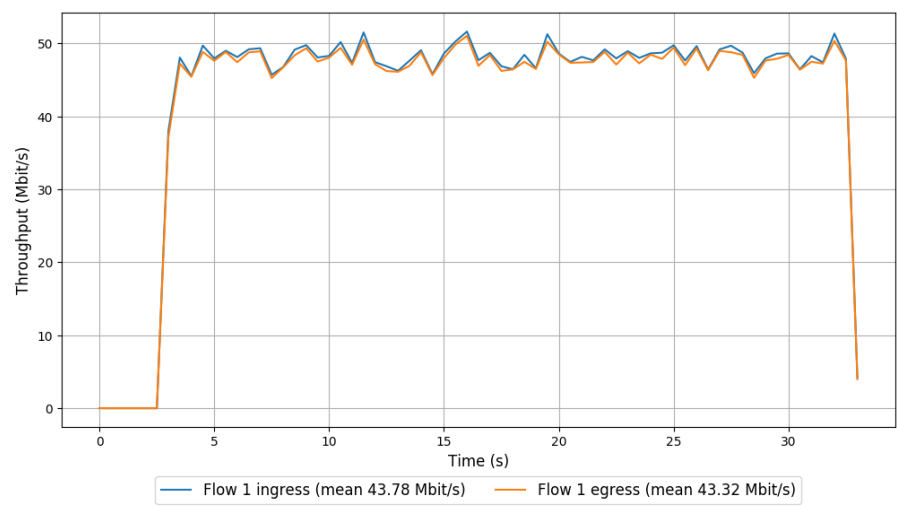
-- Flow 1:

Average throughput: 43.32 Mbit/s

95th percentile per-packet one-way delay: 15.822 ms

Loss rate: 0.98%

Run 10: Report of LEDBAT — Data Link



Run 1: Statistics of PCC

Start at: Fri, 23 Jun 2017 20:33:47 +0000

End at: Fri, 23 Jun 2017 20:34:17 +0000

Local clock offset: -2.693 ms

Remote clock offset: 0.003 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:12:21 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.47 Mbit/s

95th percentile per-packet one-way delay: 11.730 ms

Loss rate: 1.84%

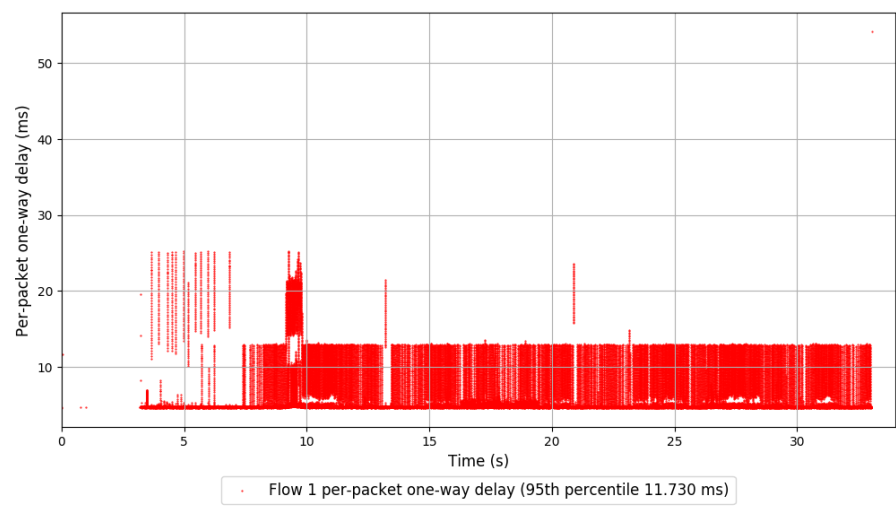
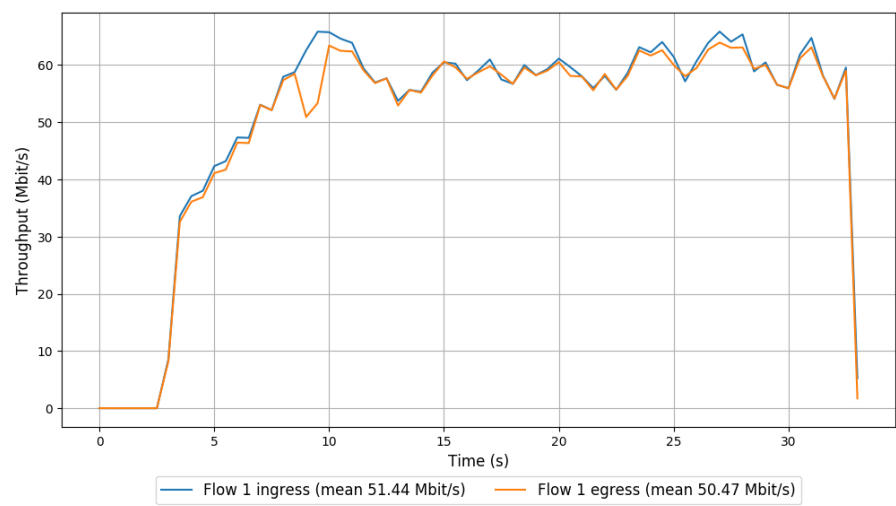
-- Flow 1:

Average throughput: 50.47 Mbit/s

95th percentile per-packet one-way delay: 11.730 ms

Loss rate: 1.84%

Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

Start at: Fri, 23 Jun 2017 20:52:21 +0000

End at: Fri, 23 Jun 2017 20:52:51 +0000

Local clock offset: -2.037 ms

Remote clock offset: -0.065 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:12:52 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 64.28 Mbit/s

95th percentile per-packet one-way delay: 20.623 ms

Loss rate: 15.71%

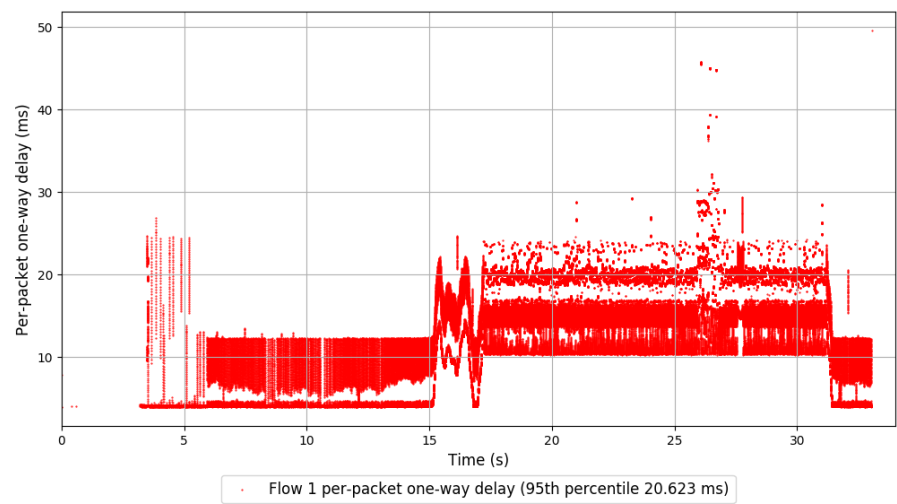
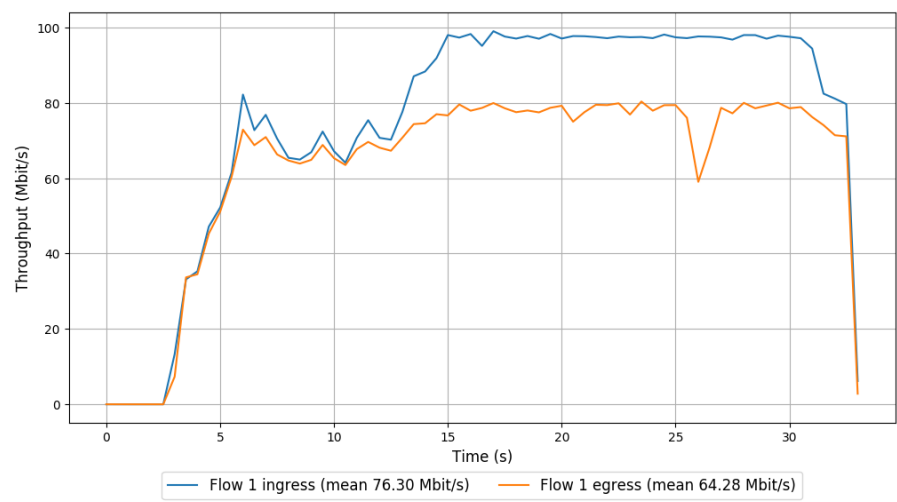
-- Flow 1:

Average throughput: 64.28 Mbit/s

95th percentile per-packet one-way delay: 20.623 ms

Loss rate: 15.71%

Run 2: Report of PCC — Data Link



Run 3: Statistics of PCC

Start at: Fri, 23 Jun 2017 21:11:06 +0000

End at: Fri, 23 Jun 2017 21:11:36 +0000

Local clock offset: -4.347 ms

Remote clock offset: -0.098 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:12:52 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 44.11 Mbit/s

95th percentile per-packet one-way delay: 13.693 ms

Loss rate: 3.83%

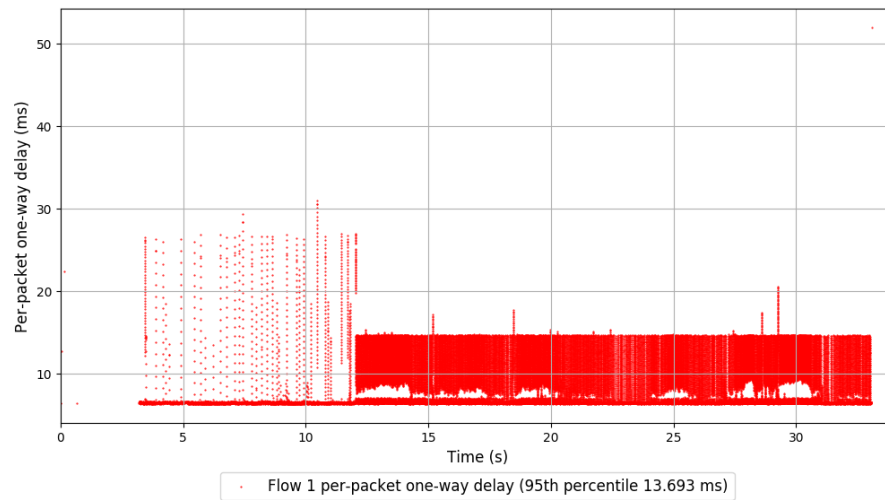
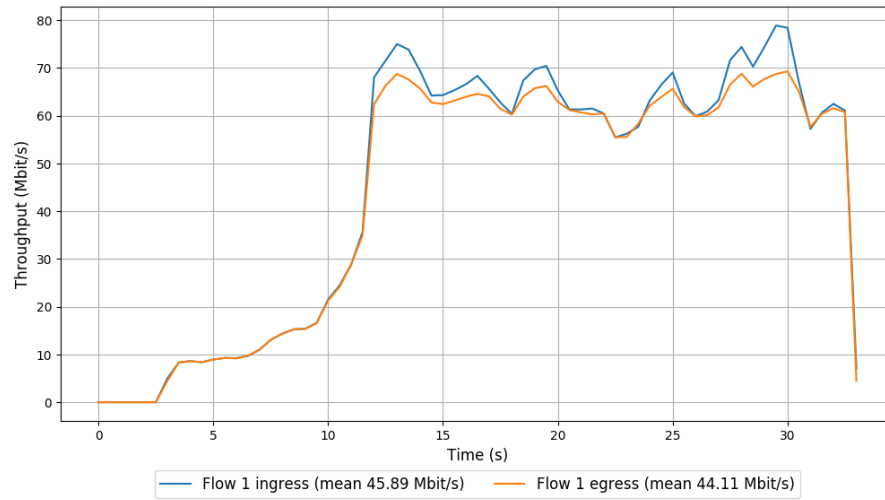
-- Flow 1:

Average throughput: 44.11 Mbit/s

95th percentile per-packet one-way delay: 13.693 ms

Loss rate: 3.83%

Run 3: Report of PCC — Data Link



Run 4: Statistics of PCC

Start at: Fri, 23 Jun 2017 21:29:18 +0000

End at: Fri, 23 Jun 2017 21:29:48 +0000

Local clock offset: -3.405 ms

Remote clock offset: -0.066 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:13:17 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 57.03 Mbit/s

95th percentile per-packet one-way delay: 12.828 ms

Loss rate: 7.35%

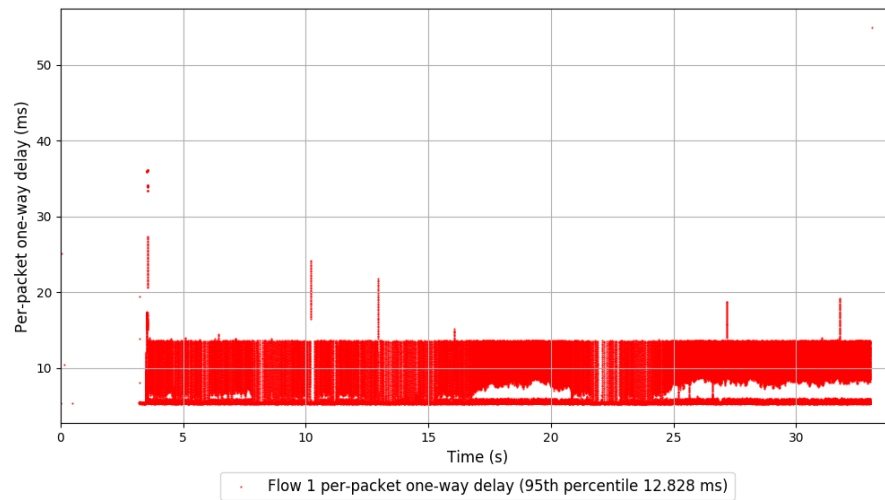
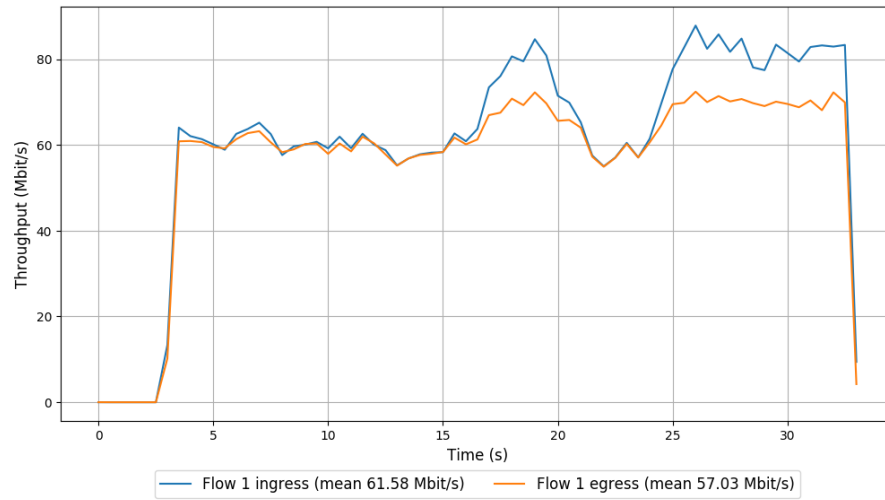
-- Flow 1:

Average throughput: 57.03 Mbit/s

95th percentile per-packet one-way delay: 12.828 ms

Loss rate: 7.35%

Run 4: Report of PCC — Data Link



Run 5: Statistics of PCC

Start at: Fri, 23 Jun 2017 21:47:24 +0000

End at: Fri, 23 Jun 2017 21:47:54 +0000

Local clock offset: -0.771 ms

Remote clock offset: -0.146 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:13:24 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 57.42 Mbit/s

95th percentile per-packet one-way delay: 9.376 ms

Loss rate: 3.72%

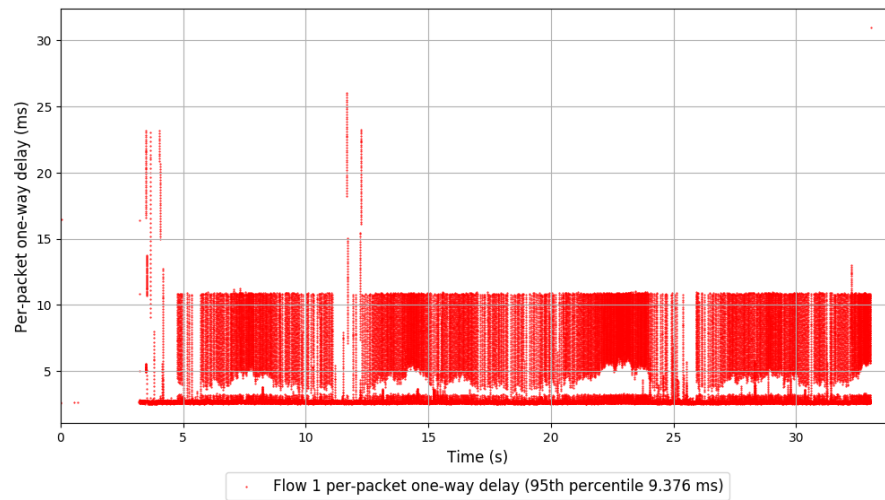
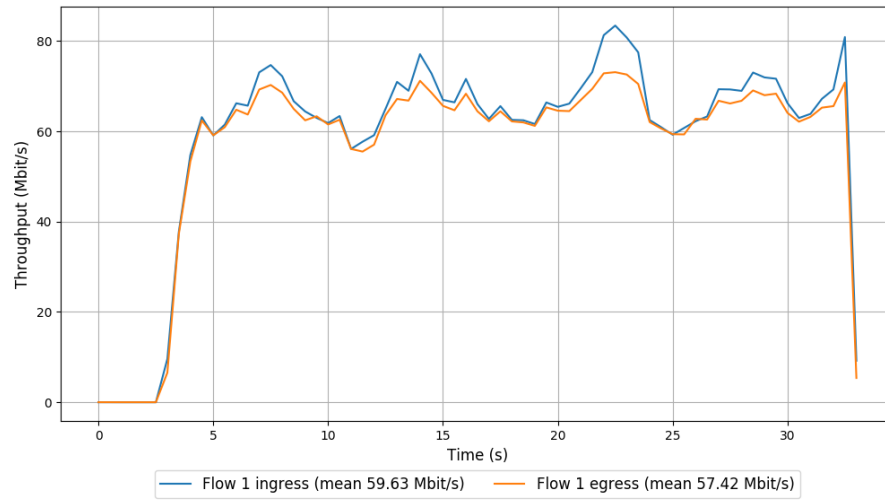
-- Flow 1:

Average throughput: 57.42 Mbit/s

95th percentile per-packet one-way delay: 9.376 ms

Loss rate: 3.72%

Run 5: Report of PCC — Data Link



Run 6: Statistics of PCC

Start at: Fri, 23 Jun 2017 22:05:40 +0000

End at: Fri, 23 Jun 2017 22:06:10 +0000

Local clock offset: 0.006 ms

Remote clock offset: -0.326 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:13:47 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 53.88 Mbit/s

95th percentile per-packet one-way delay: 9.365 ms

Loss rate: 2.02%

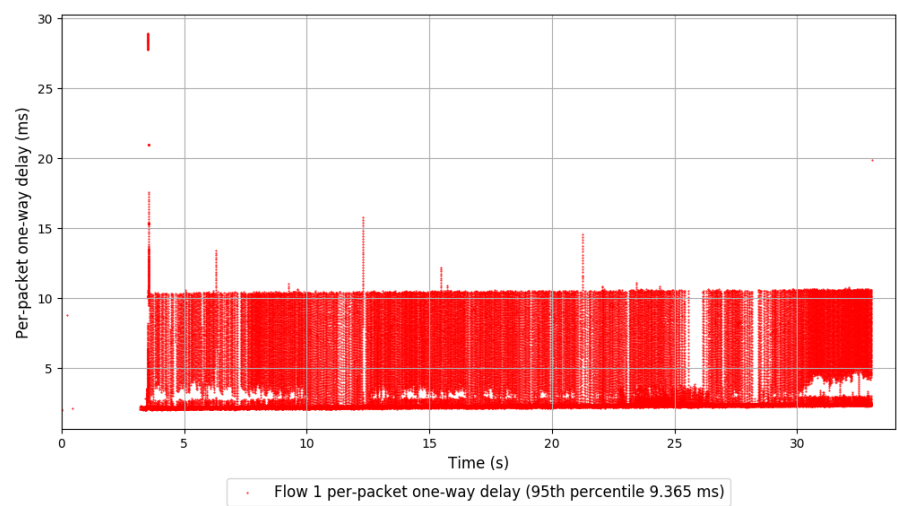
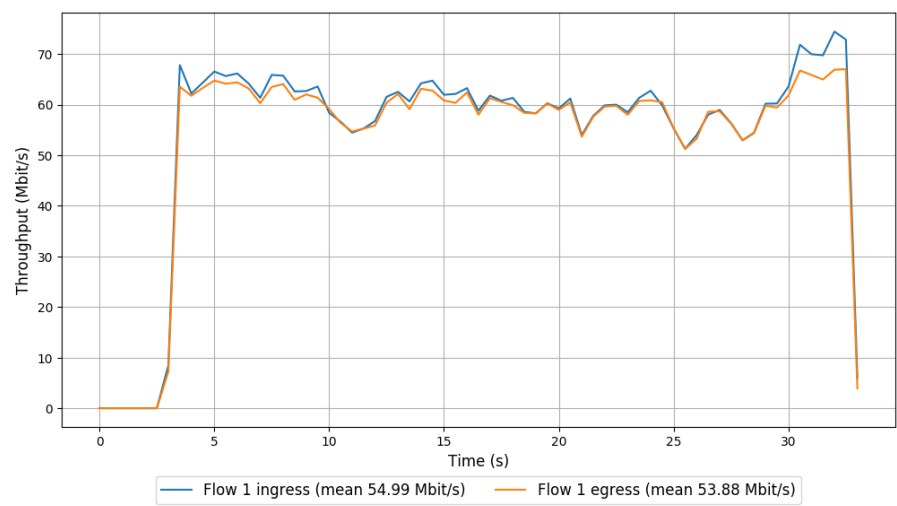
-- Flow 1:

Average throughput: 53.88 Mbit/s

95th percentile per-packet one-way delay: 9.365 ms

Loss rate: 2.02%

Run 6: Report of PCC — Data Link



Run 7: Statistics of PCC

Start at: Fri, 23 Jun 2017 22:23:25 +0000

End at: Fri, 23 Jun 2017 22:23:55 +0000

Local clock offset: -4.024 ms

Remote clock offset: -0.496 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:13:53 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 52.41 Mbit/s

95th percentile per-packet one-way delay: 12.494 ms

Loss rate: 1.44%

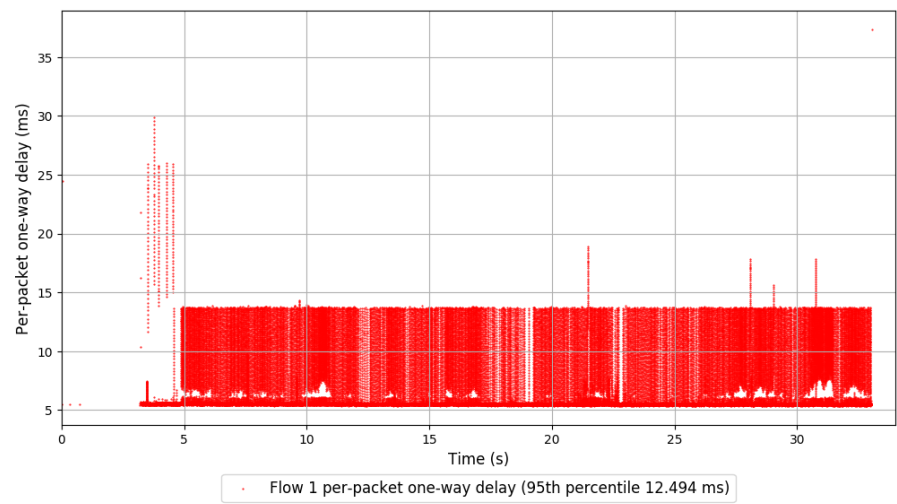
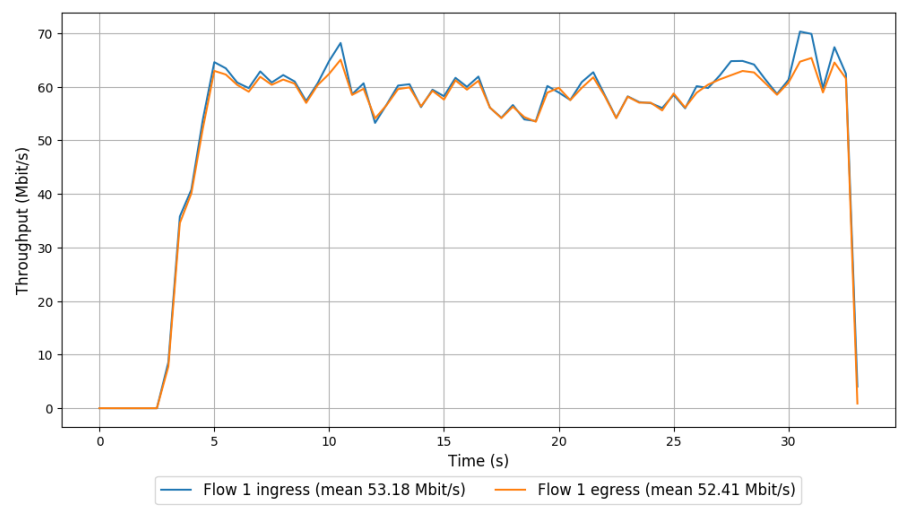
-- Flow 1:

Average throughput: 52.41 Mbit/s

95th percentile per-packet one-way delay: 12.494 ms

Loss rate: 1.44%

Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

Start at: Fri, 23 Jun 2017 22:41:44 +0000

End at: Fri, 23 Jun 2017 22:42:14 +0000

Local clock offset: -2.552 ms

Remote clock offset: -0.649 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:14:13 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 54.84 Mbit/s

95th percentile per-packet one-way delay: 10.960 ms

Loss rate: 4.43%

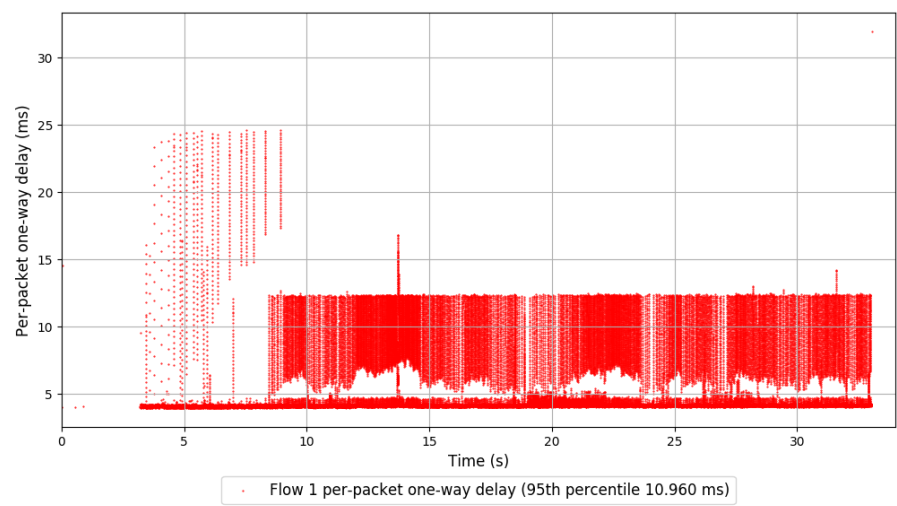
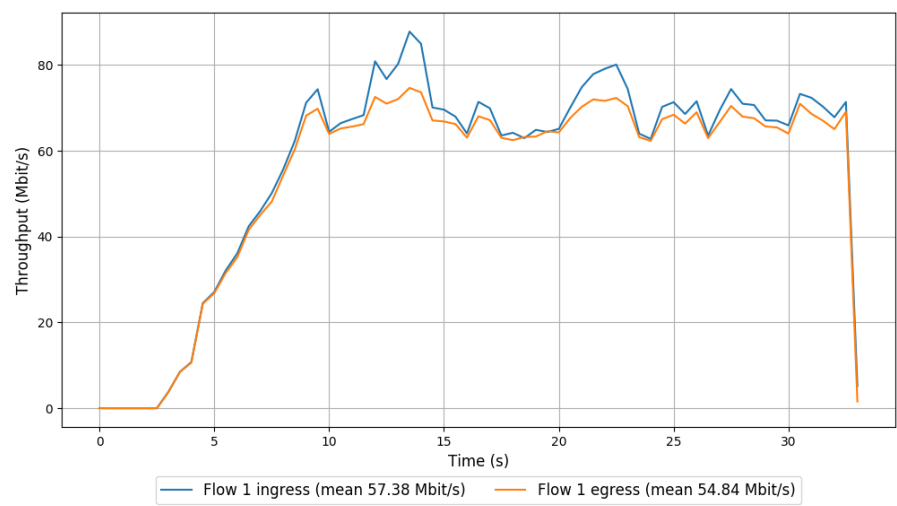
-- Flow 1:

Average throughput: 54.84 Mbit/s

95th percentile per-packet one-way delay: 10.960 ms

Loss rate: 4.43%

Run 8: Report of PCC — Data Link



Run 9: Statistics of PCC

Start at: Fri, 23 Jun 2017 23:00:03 +0000

End at: Fri, 23 Jun 2017 23:00:33 +0000

Local clock offset: -3.238 ms

Remote clock offset: -0.803 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:14:32 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 61.79 Mbit/s

95th percentile per-packet one-way delay: 20.801 ms

Loss rate: 13.10%

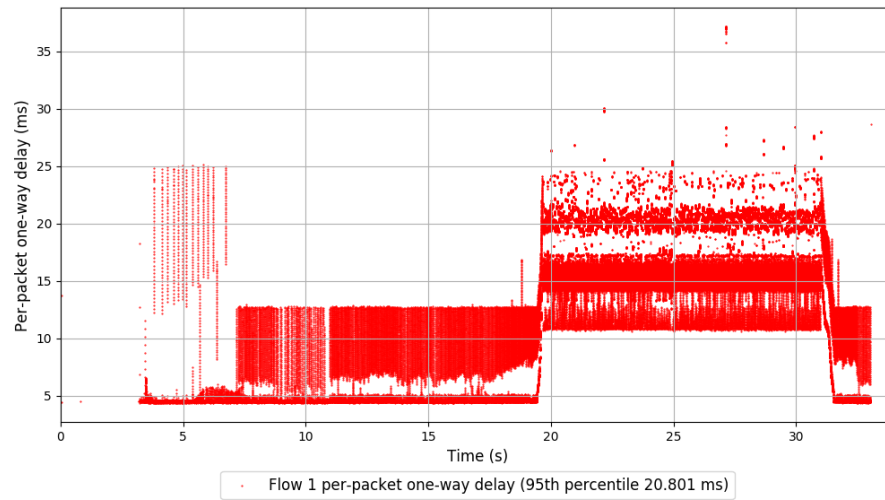
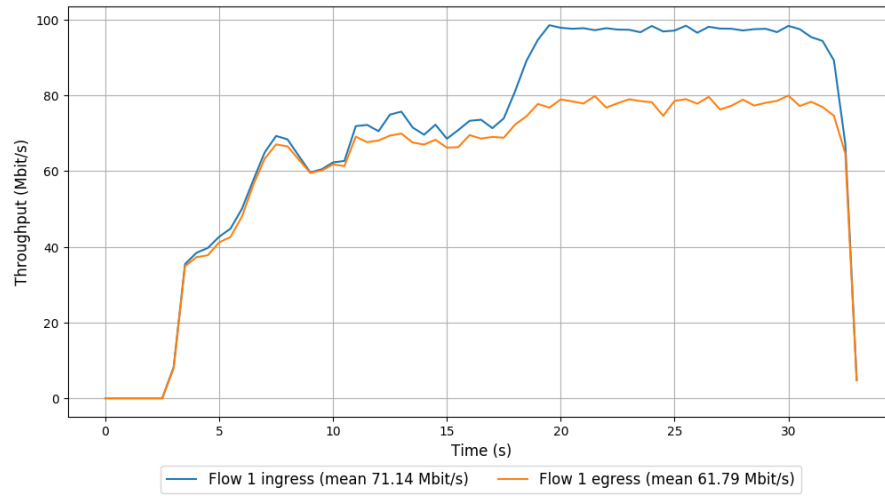
-- Flow 1:

Average throughput: 61.79 Mbit/s

95th percentile per-packet one-way delay: 20.801 ms

Loss rate: 13.10%

Run 9: Report of PCC — Data Link



Run 10: Statistics of PCC

Start at: Fri, 23 Jun 2017 23:18:34 +0000

End at: Fri, 23 Jun 2017 23:19:04 +0000

Local clock offset: -2.343 ms

Remote clock offset: -0.882 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:14:44 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.78 Mbit/s

95th percentile per-packet one-way delay: 10.279 ms

Loss rate: 0.59%

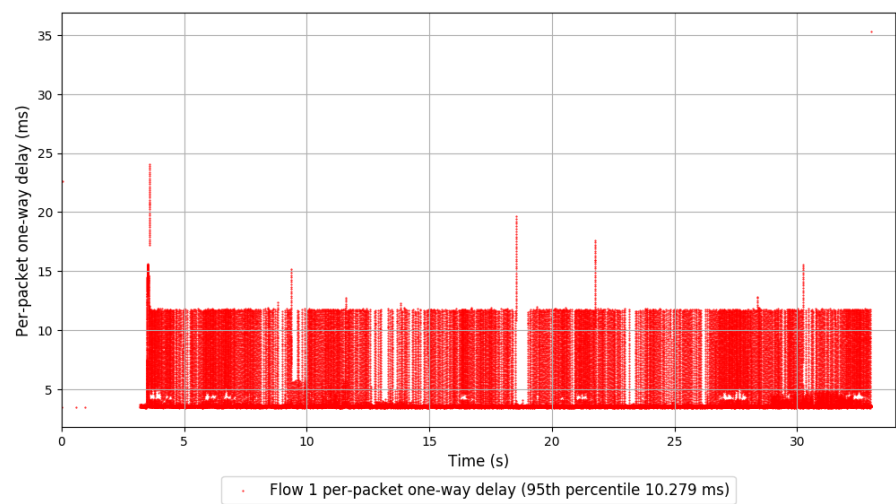
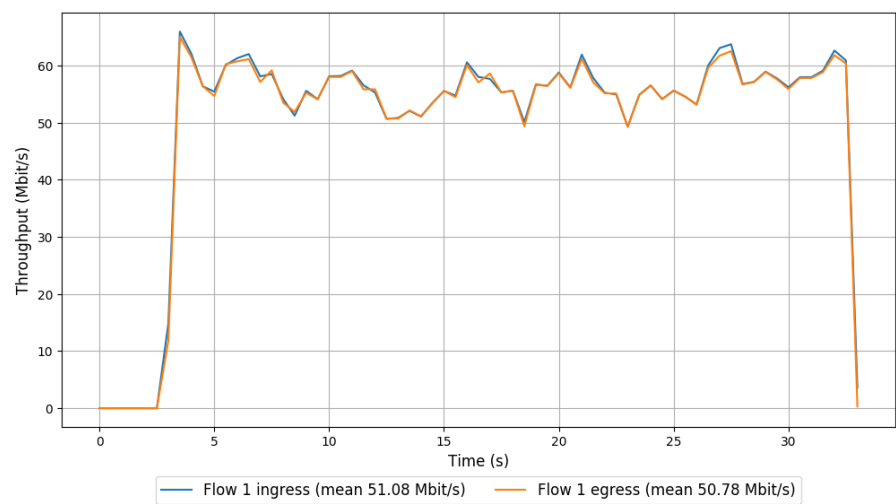
-- Flow 1:

Average throughput: 50.78 Mbit/s

95th percentile per-packet one-way delay: 10.279 ms

Loss rate: 0.59%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic (toy)

Start at: Fri, 23 Jun 2017 20:35:02 +0000

End at: Fri, 23 Jun 2017 20:35:32 +0000

Local clock offset: -2.608 ms

Remote clock offset: 0.008 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:14:44 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.23 Mbit/s

95th percentile per-packet one-way delay: 33.265 ms

Loss rate: 0.56%

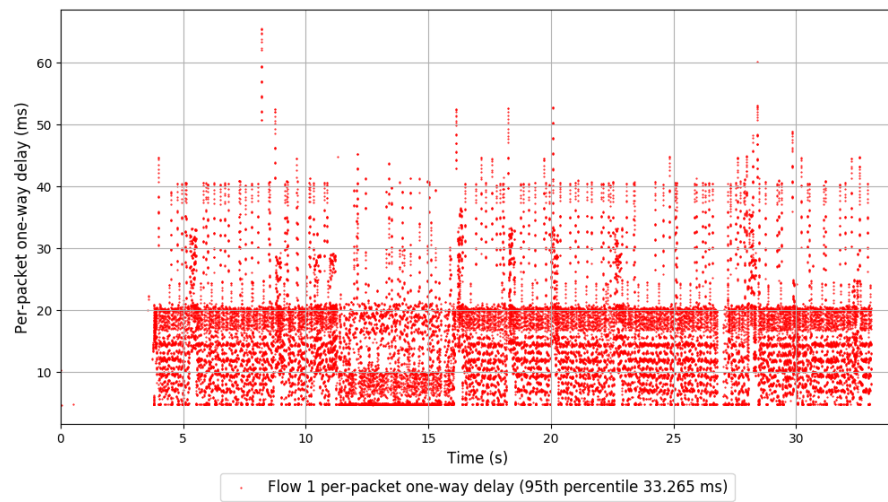
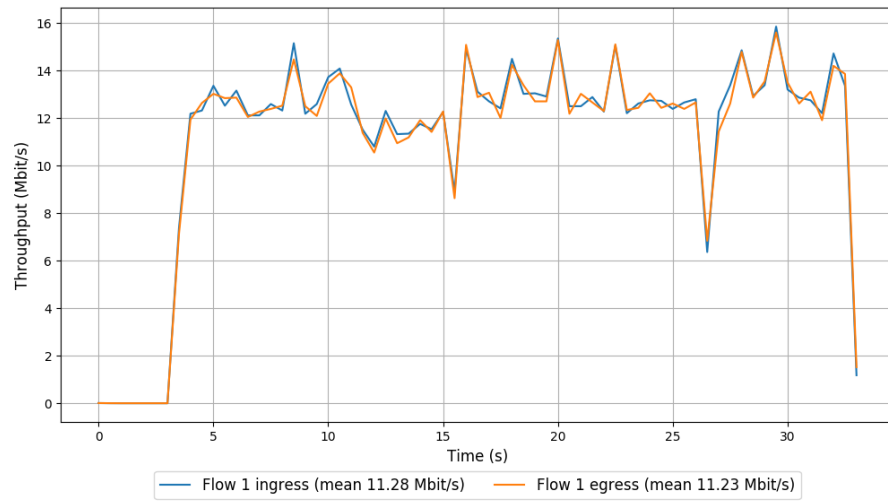
-- Flow 1:

Average throughput: 11.23 Mbit/s

95th percentile per-packet one-way delay: 33.265 ms

Loss rate: 0.56%

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



Run 2: Statistics of QUIC Cubic (toy)

Start at: Fri, 23 Jun 2017 20:53:38 +0000

End at: Fri, 23 Jun 2017 20:54:08 +0000

Local clock offset: -1.963 ms

Remote clock offset: 0.02 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:14:53 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 13.12 Mbit/s

95th percentile per-packet one-way delay: 29.856 ms

Loss rate: 1.05%

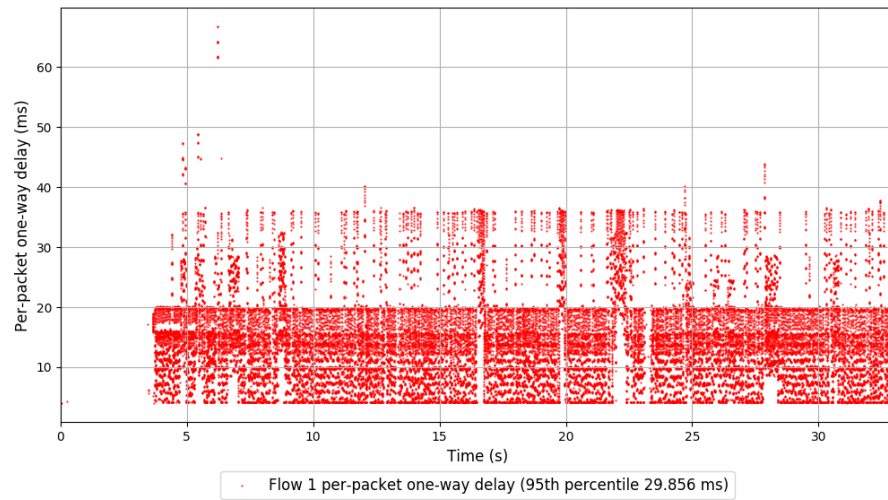
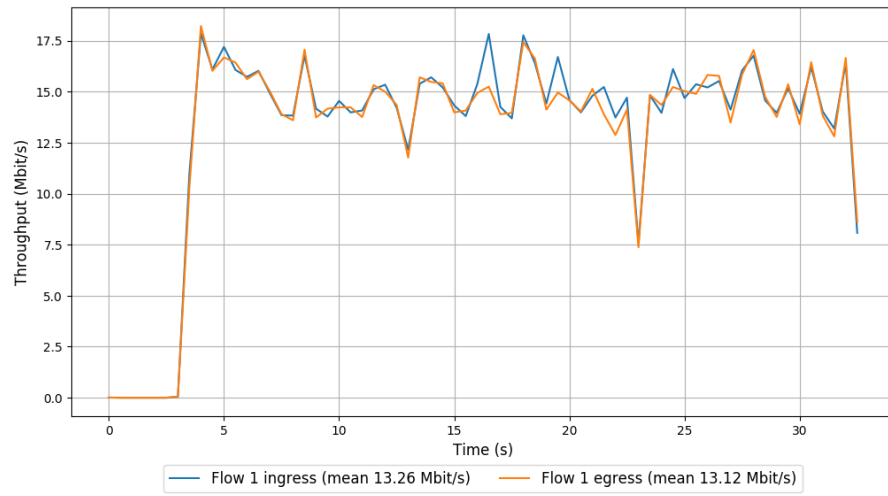
-- Flow 1:

Average throughput: 13.12 Mbit/s

95th percentile per-packet one-way delay: 29.856 ms

Loss rate: 1.05%

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



Run 3: Statistics of QUIC Cubic (toy)

Start at: Fri, 23 Jun 2017 21:12:20 +0000

End at: Fri, 23 Jun 2017 21:12:50 +0000

Local clock offset: -4.35 ms

Remote clock offset: -0.03 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:14:55 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.08 Mbit/s

95th percentile per-packet one-way delay: 36.302 ms

Loss rate: 0.69%

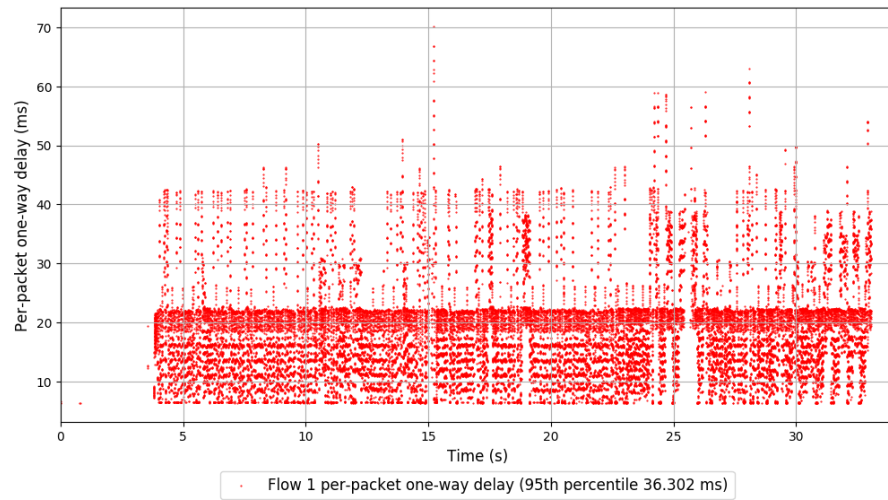
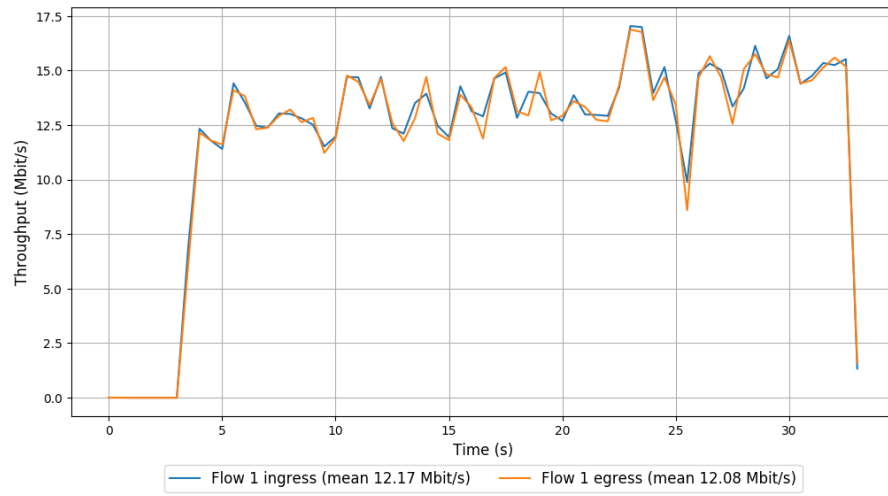
-- Flow 1:

Average throughput: 12.08 Mbit/s

95th percentile per-packet one-way delay: 36.302 ms

Loss rate: 0.69%

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



Run 4: Statistics of QUIC Cubic (toy)

Start at: Fri, 23 Jun 2017 21:30:34 +0000

End at: Fri, 23 Jun 2017 21:31:04 +0000

Local clock offset: -3.329 ms

Remote clock offset: -0.084 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:15:04 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.83 Mbit/s

95th percentile per-packet one-way delay: 35.211 ms

Loss rate: 0.57%

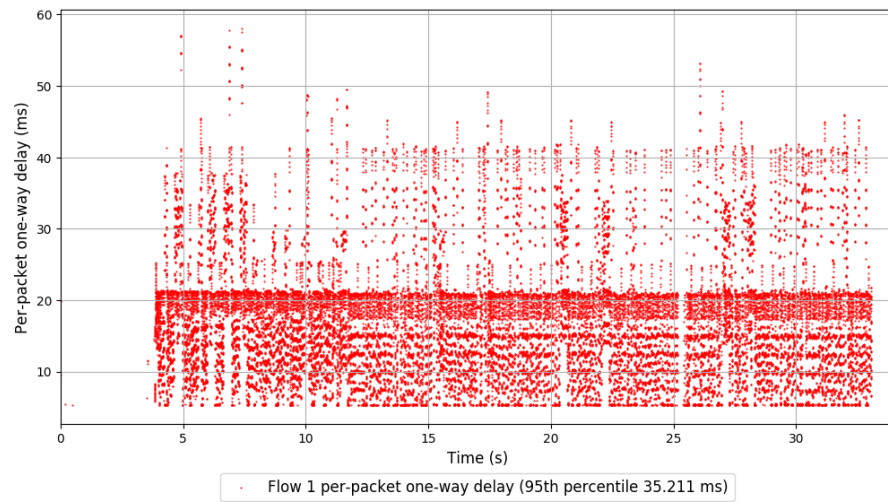
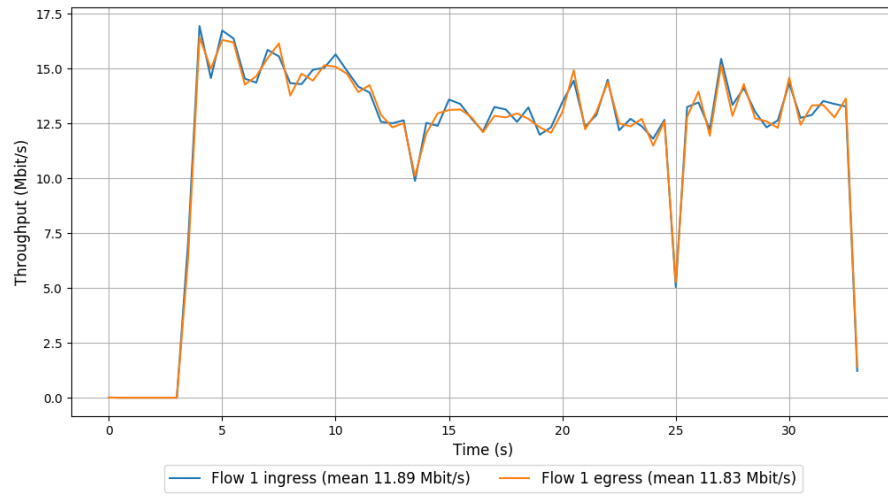
-- Flow 1:

Average throughput: 11.83 Mbit/s

95th percentile per-packet one-way delay: 35.211 ms

Loss rate: 0.57%

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



Run 5: Statistics of QUIC Cubic (toy)

Start at: Fri, 23 Jun 2017 21:48:38 +0000

End at: Fri, 23 Jun 2017 21:49:09 +0000

Local clock offset: -0.739 ms

Remote clock offset: -0.227 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:15:06 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.86 Mbit/s

95th percentile per-packet one-way delay: 28.847 ms

Loss rate: 0.94%

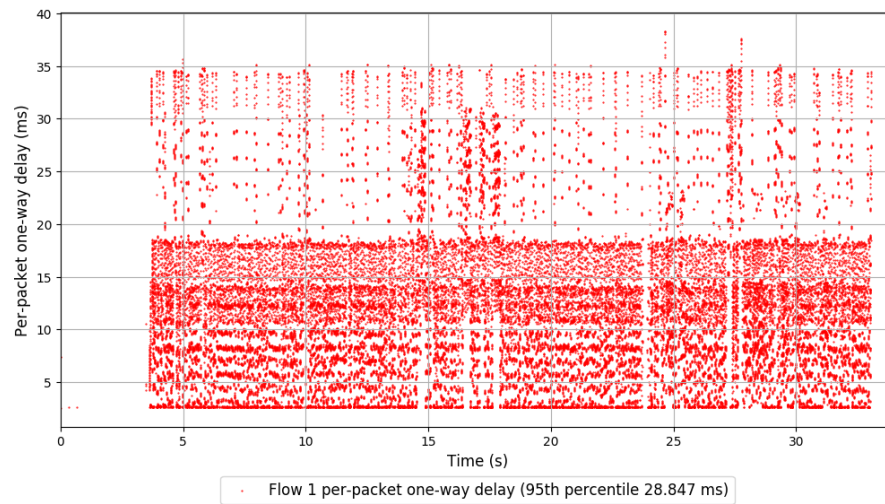
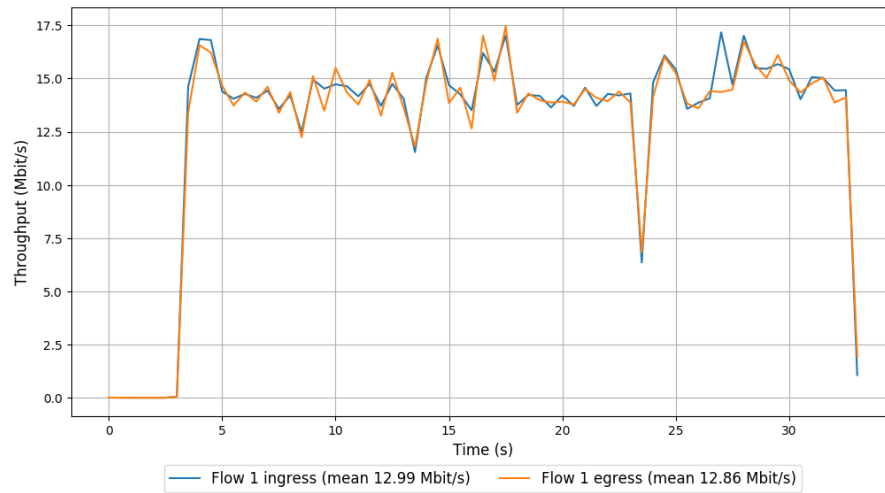
-- Flow 1:

Average throughput: 12.86 Mbit/s

95th percentile per-packet one-way delay: 28.847 ms

Loss rate: 0.94%

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



Run 6: Statistics of QUIC Cubic (toy)

Start at: Fri, 23 Jun 2017 22:06:56 +0000

End at: Fri, 23 Jun 2017 22:07:26 +0000

Local clock offset: -0.676 ms

Remote clock offset: -0.376 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:15:15 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.40 Mbit/s

95th percentile per-packet one-way delay: 32.607 ms

Loss rate: 0.68%

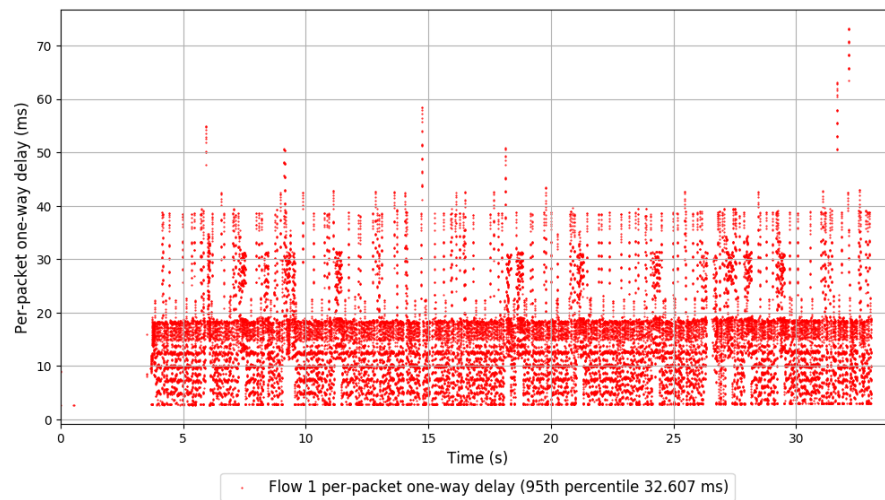
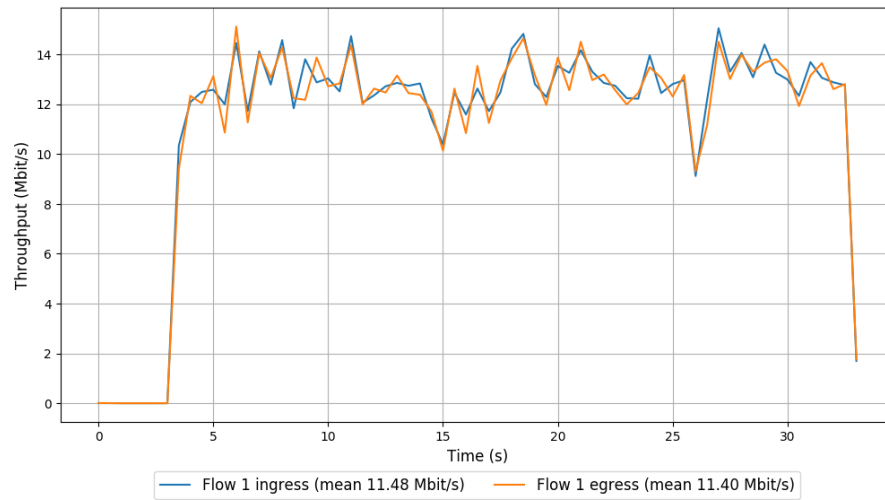
-- Flow 1:

Average throughput: 11.40 Mbit/s

95th percentile per-packet one-way delay: 32.607 ms

Loss rate: 0.68%

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



Run 7: Statistics of QUIC Cubic (toy)

Start at: Fri, 23 Jun 2017 22:24:40 +0000

End at: Fri, 23 Jun 2017 22:25:10 +0000

Local clock offset: -3.836 ms

Remote clock offset: -0.479 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:15:20 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 13.44 Mbit/s

95th percentile per-packet one-way delay: 31.447 ms

Loss rate: 0.63%

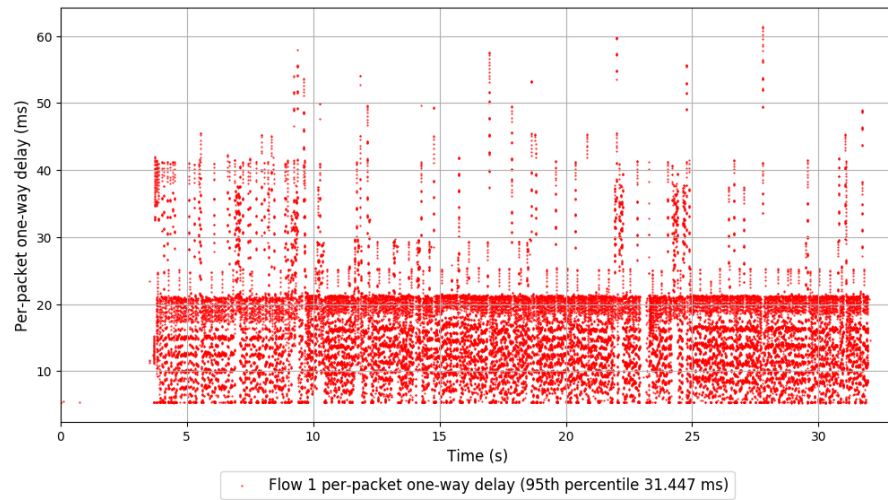
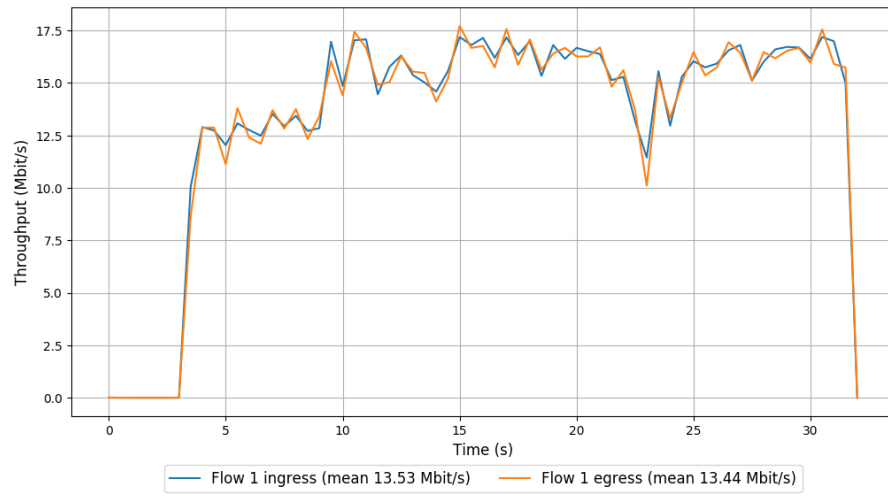
-- Flow 1:

Average throughput: 13.44 Mbit/s

95th percentile per-packet one-way delay: 31.447 ms

Loss rate: 0.63%

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



Run 8: Statistics of QUIC Cubic (toy)

Start at: Fri, 23 Jun 2017 22:42:59 +0000

End at: Fri, 23 Jun 2017 22:43:29 +0000

Local clock offset: -2.847 ms

Remote clock offset: -0.648 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:15:25 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.92 Mbit/s

95th percentile per-packet one-way delay: 28.617 ms

Loss rate: 0.57%

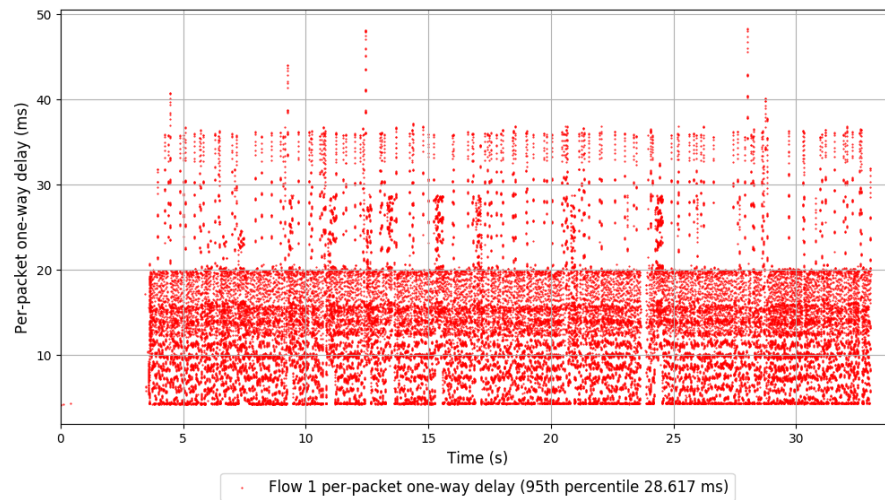
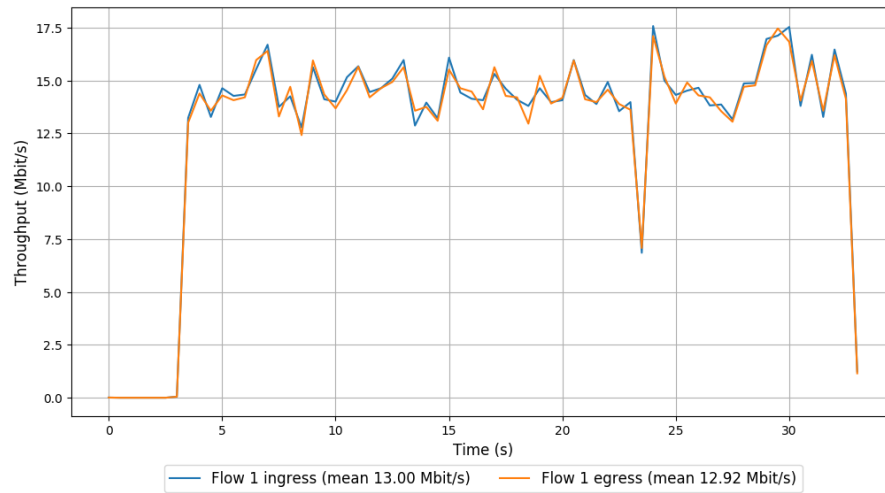
-- Flow 1:

Average throughput: 12.92 Mbit/s

95th percentile per-packet one-way delay: 28.617 ms

Loss rate: 0.57%

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



Run 9: Statistics of QUIC Cubic (toy)

Start at: Fri, 23 Jun 2017 23:01:19 +0000

End at: Fri, 23 Jun 2017 23:01:49 +0000

Local clock offset: -3.134 ms

Remote clock offset: -0.811 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:15:32 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.28 Mbit/s

95th percentile per-packet one-way delay: 34.186 ms

Loss rate: 1.06%

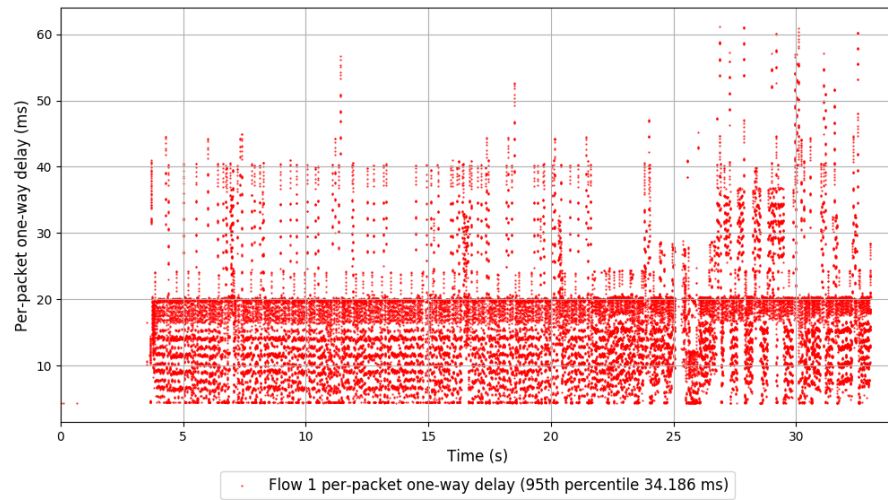
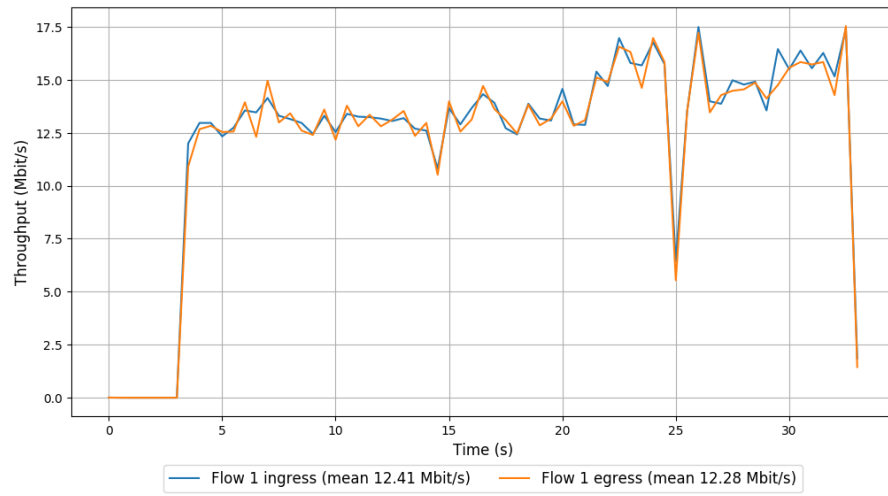
-- Flow 1:

Average throughput: 12.28 Mbit/s

95th percentile per-packet one-way delay: 34.186 ms

Loss rate: 1.06%

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



Run 10: Statistics of QUIC Cubic (toy)

Start at: Fri, 23 Jun 2017 23:19:49 +0000

End at: Fri, 23 Jun 2017 23:20:19 +0000

Local clock offset: -2.261 ms

Remote clock offset: -0.937 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:15:35 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.39 Mbit/s

95th percentile per-packet one-way delay: 31.383 ms

Loss rate: 0.44%

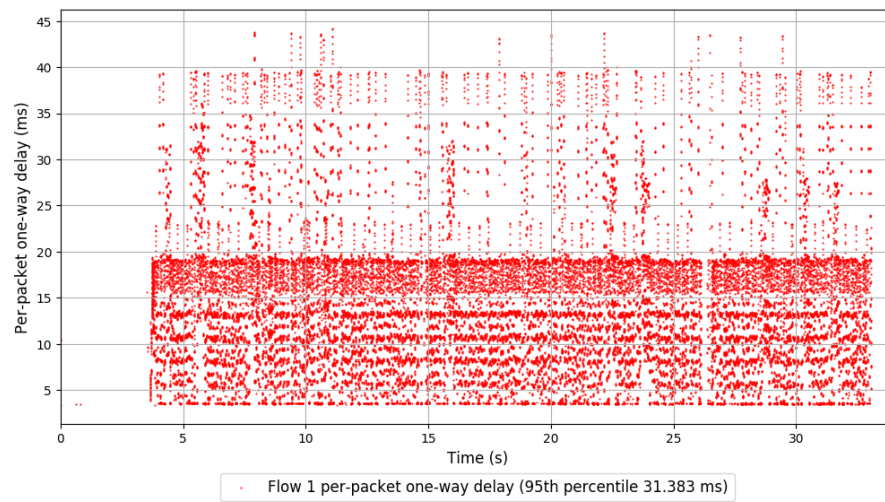
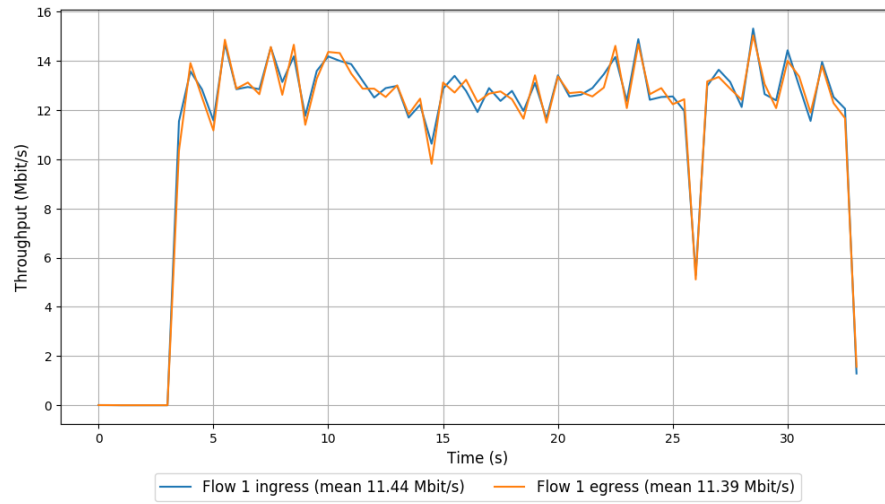
-- Flow 1:

Average throughput: 11.39 Mbit/s

95th percentile per-packet one-way delay: 31.383 ms

Loss rate: 0.44%

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



Run 1: Statistics of Saturator

Start at: Fri, 23 Jun 2017 20:31:16 +0000

End at: Fri, 23 Jun 2017 20:31:46 +0000

Local clock offset: -2.859 ms

Remote clock offset: -0.036 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:16:00 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 45.39 Mbit/s

95th percentile per-packet one-way delay: 26.386 ms

Loss rate: 41.95%

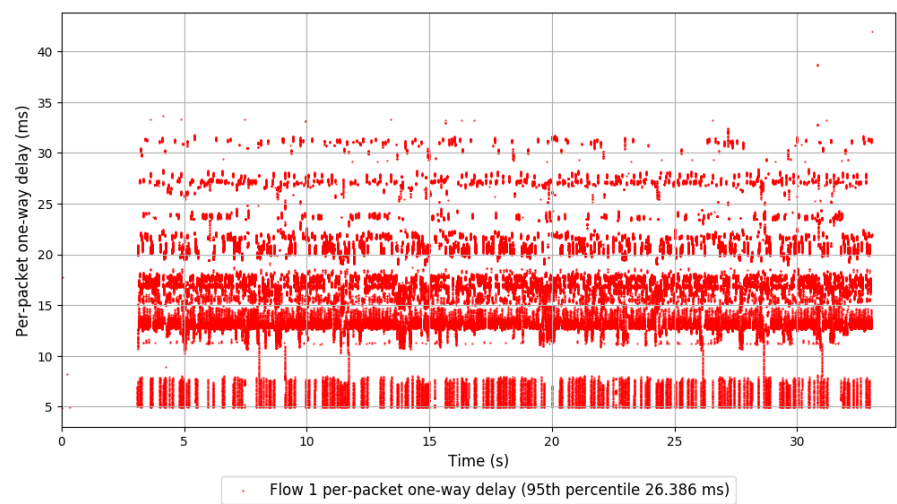
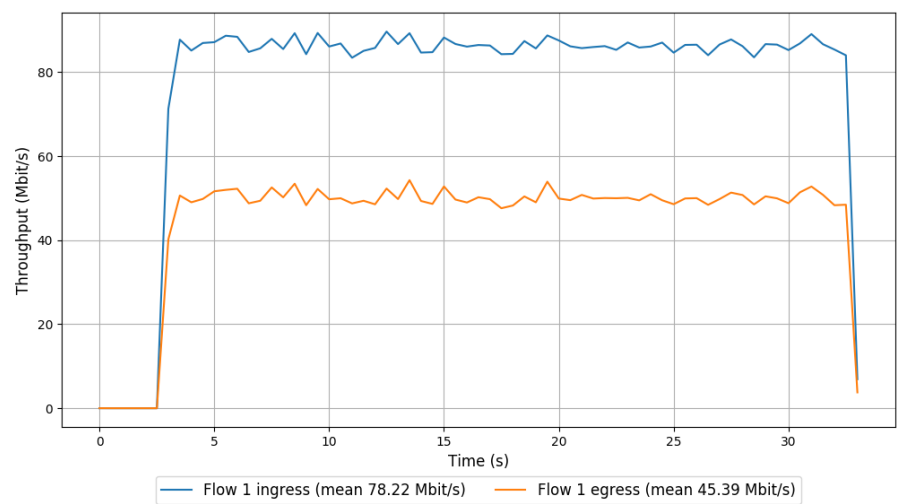
-- Flow 1:

Average throughput: 45.39 Mbit/s

95th percentile per-packet one-way delay: 26.386 ms

Loss rate: 41.95%

Run 1: Report of Saturator — Data Link



Run 2: Statistics of Saturator

Start at: Fri, 23 Jun 2017 20:49:40 +0000

End at: Fri, 23 Jun 2017 20:50:10 +0000

Local clock offset: -2.074 ms

Remote clock offset: -0.003 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:16:05 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 46.94 Mbit/s

95th percentile per-packet one-way delay: 25.934 ms

Loss rate: 40.73%

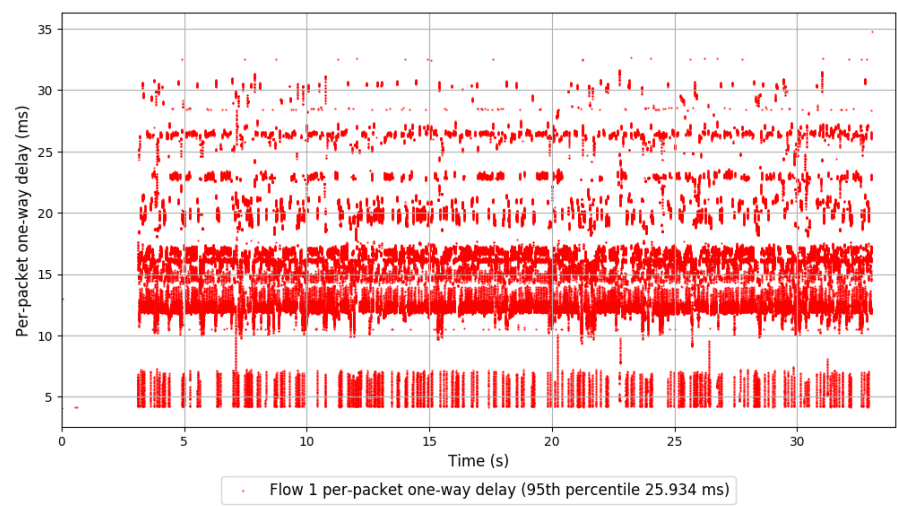
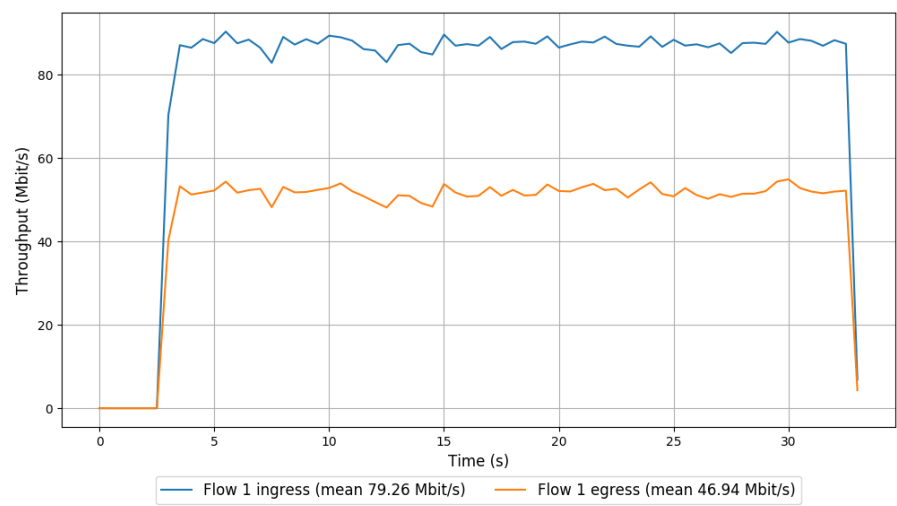
-- Flow 1:

Average throughput: 46.94 Mbit/s

95th percentile per-packet one-way delay: 25.934 ms

Loss rate: 40.73%

Run 2: Report of Saturator — Data Link



Run 3: Statistics of Saturator

Start at: Fri, 23 Jun 2017 21:08:37 +0000

End at: Fri, 23 Jun 2017 21:09:07 +0000

Local clock offset: -4.115 ms

Remote clock offset: -0.043 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:16:35 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 51.89 Mbit/s

95th percentile per-packet one-way delay: 27.505 ms

Loss rate: 37.83%

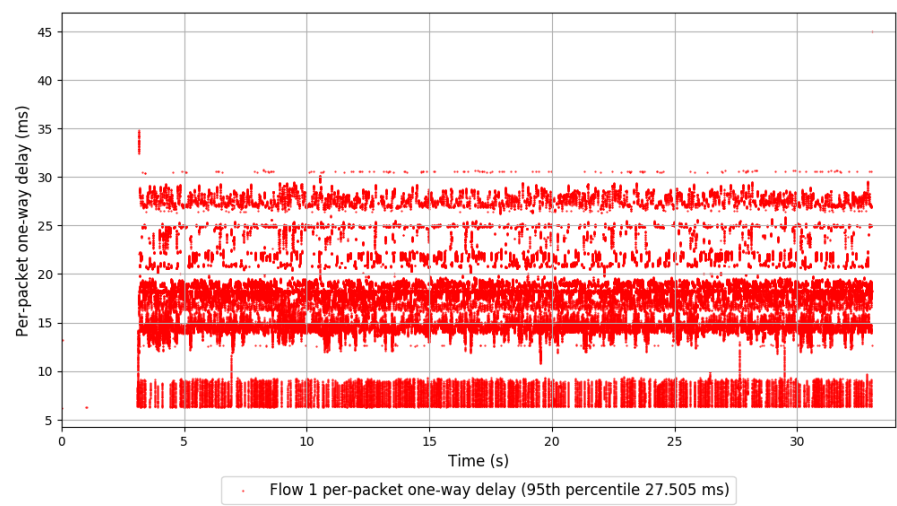
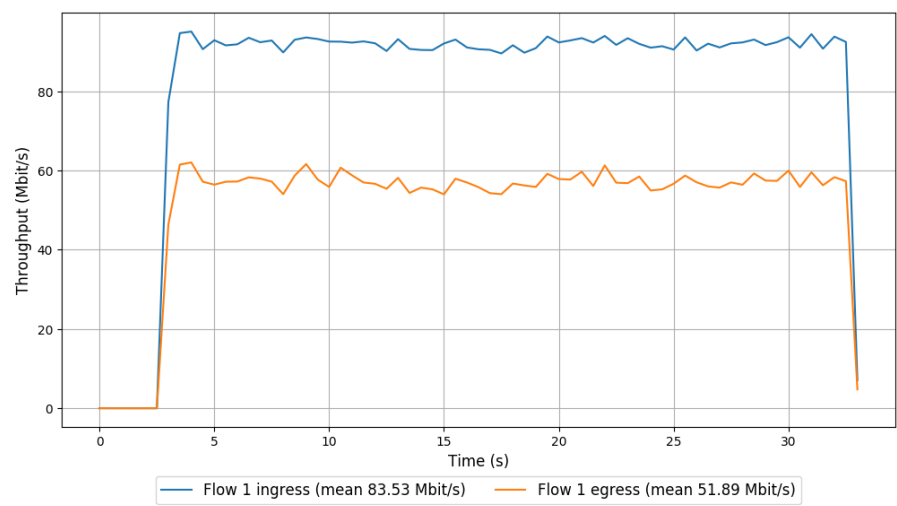
-- Flow 1:

Average throughput: 51.89 Mbit/s

95th percentile per-packet one-way delay: 27.505 ms

Loss rate: 37.83%

Run 3: Report of Saturator — Data Link



Run 4: Statistics of Saturator

Start at: Fri, 23 Jun 2017 21:26:46 +0000

End at: Fri, 23 Jun 2017 21:27:16 +0000

Local clock offset: -3.544 ms

Remote clock offset: -0.073 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:16:35 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 47.93 Mbit/s

95th percentile per-packet one-way delay: 27.130 ms

Loss rate: 40.23%

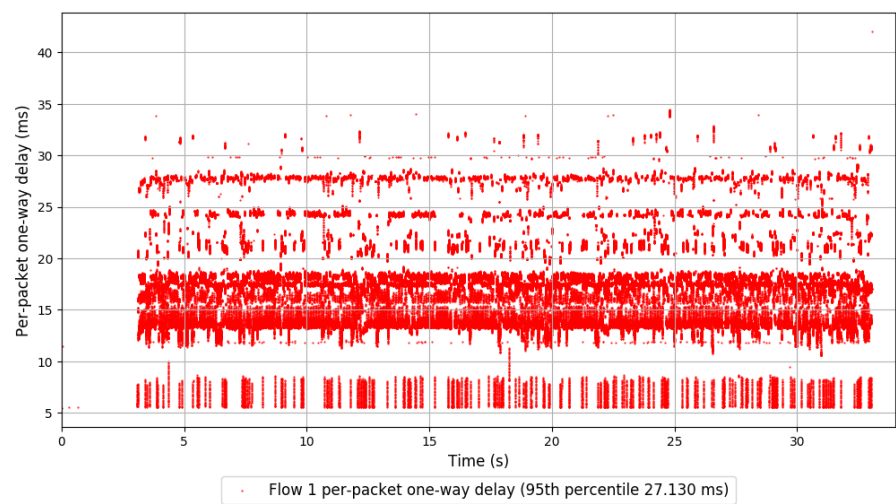
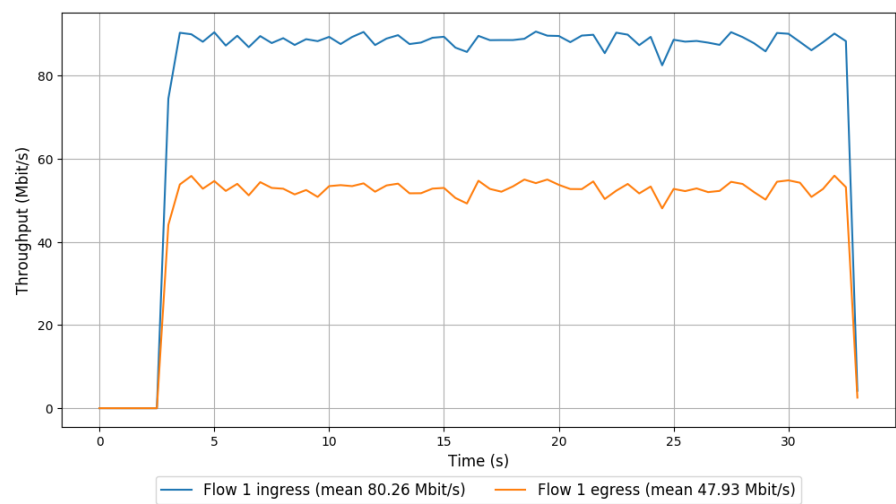
-- Flow 1:

Average throughput: 47.93 Mbit/s

95th percentile per-packet one-way delay: 27.130 ms

Loss rate: 40.23%

Run 4: Report of Saturator — Data Link



Run 5: Statistics of Saturator

Start at: Fri, 23 Jun 2017 21:44:58 +0000

End at: Fri, 23 Jun 2017 21:45:28 +0000

Local clock offset: -0.932 ms

Remote clock offset: -0.166 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:16:58 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 34.81 Mbit/s

95th percentile per-packet one-way delay: 24.014 ms

Loss rate: 44.98%

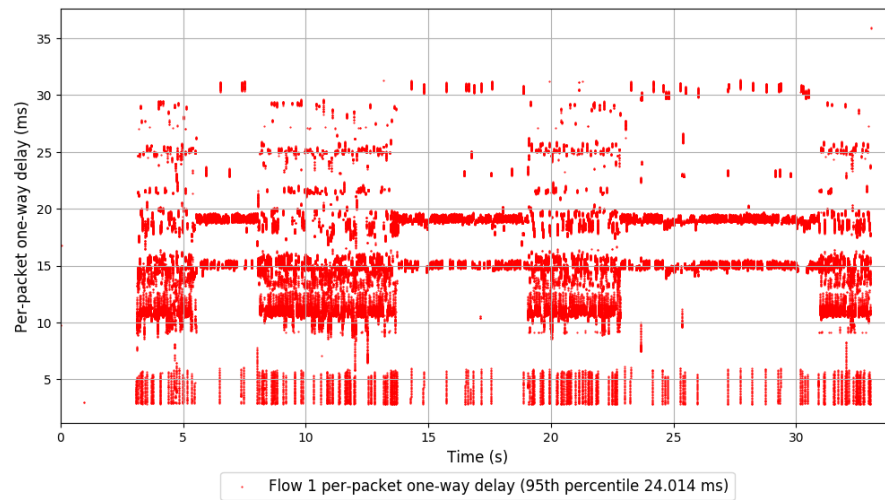
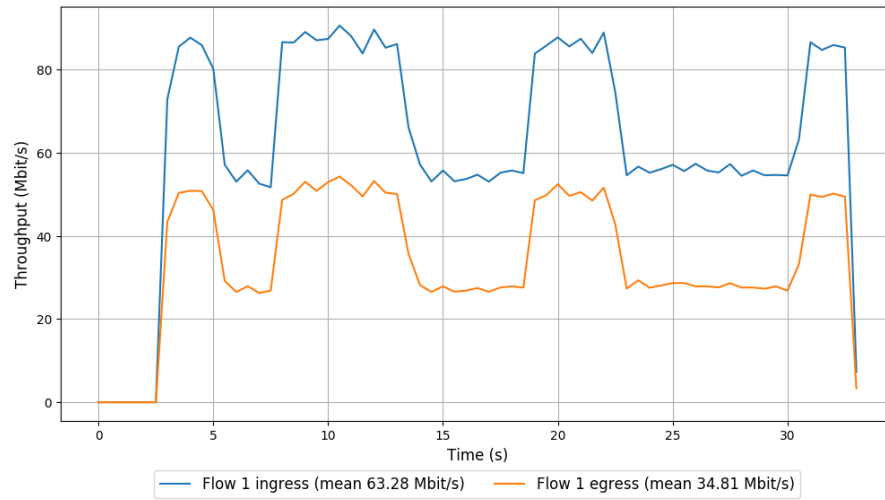
-- Flow 1:

Average throughput: 34.81 Mbit/s

95th percentile per-packet one-way delay: 24.014 ms

Loss rate: 44.98%

Run 5: Report of Saturator — Data Link



Run 6: Statistics of Saturator

Start at: Fri, 23 Jun 2017 22:03:10 +0000

End at: Fri, 23 Jun 2017 22:03:41 +0000

Local clock offset: -0.063 ms

Remote clock offset: -0.206 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:17:10 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 51.75 Mbit/s

95th percentile per-packet one-way delay: 23.106 ms

Loss rate: 37.97%

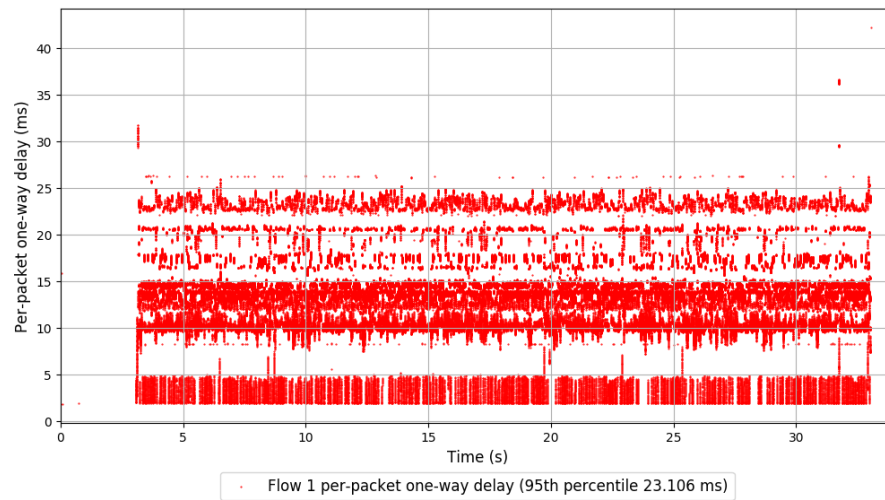
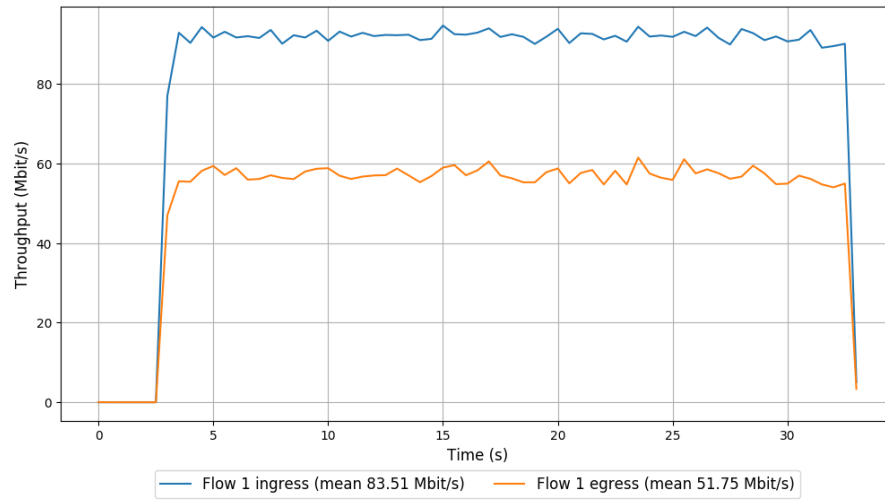
-- Flow 1:

Average throughput: 51.75 Mbit/s

95th percentile per-packet one-way delay: 23.106 ms

Loss rate: 37.97%

Run 6: Report of Saturator — Data Link



Run 7: Statistics of Saturator

Start at: Fri, 23 Jun 2017 22:21:03 +0000

End at: Fri, 23 Jun 2017 22:21:33 +0000

Local clock offset: -4.113 ms

Remote clock offset: -0.452 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:17:18 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 25.38 Mbit/s

95th percentile per-packet one-way delay: 25.924 ms

Loss rate: 49.35%

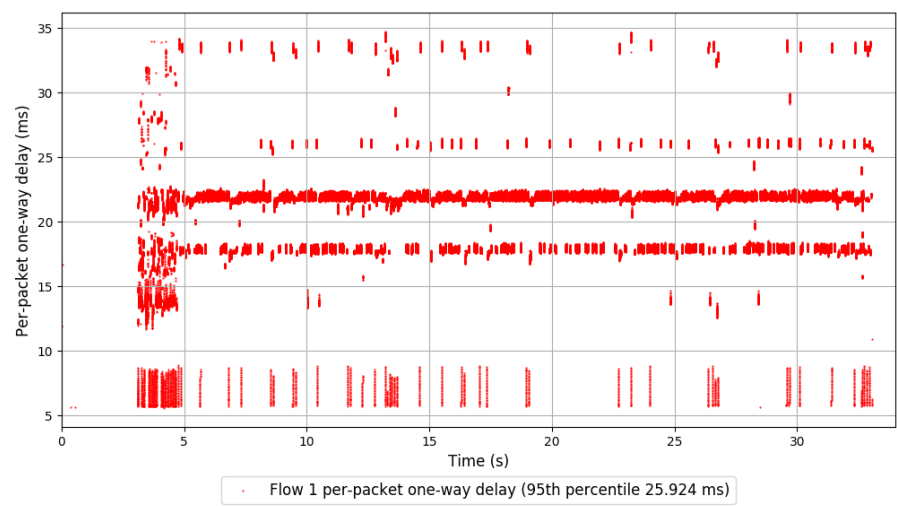
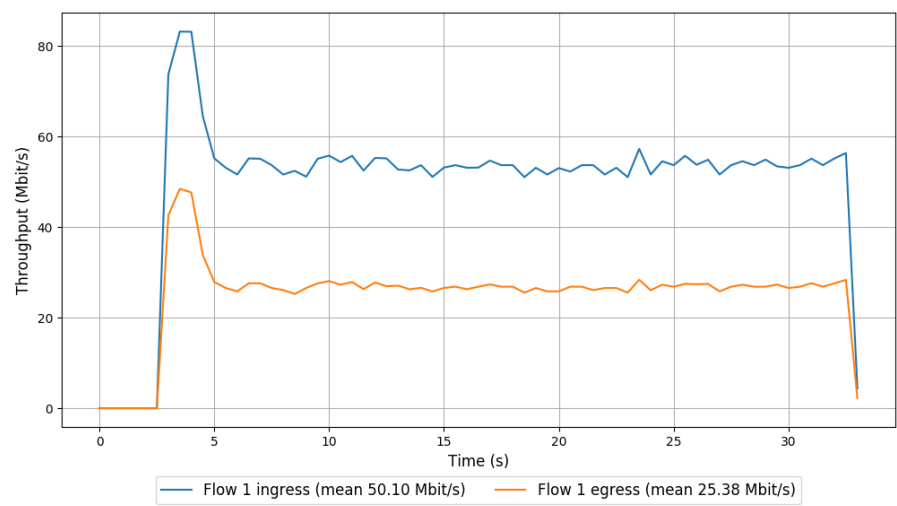
-- Flow 1:

Average throughput: 25.38 Mbit/s

95th percentile per-packet one-way delay: 25.924 ms

Loss rate: 49.35%

Run 7: Report of Saturator — Data Link



Run 8: Statistics of Saturator

Start at: Fri, 23 Jun 2017 22:39:13 +0000

End at: Fri, 23 Jun 2017 22:39:43 +0000

Local clock offset: -2.293 ms

Remote clock offset: -0.64 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:17:41 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 46.26 Mbit/s

95th percentile per-packet one-way delay: 25.578 ms

Loss rate: 41.23%

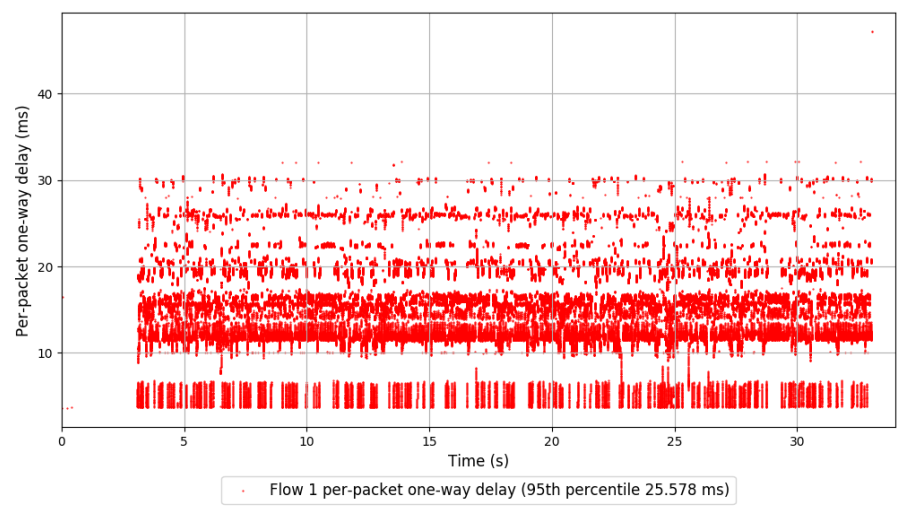
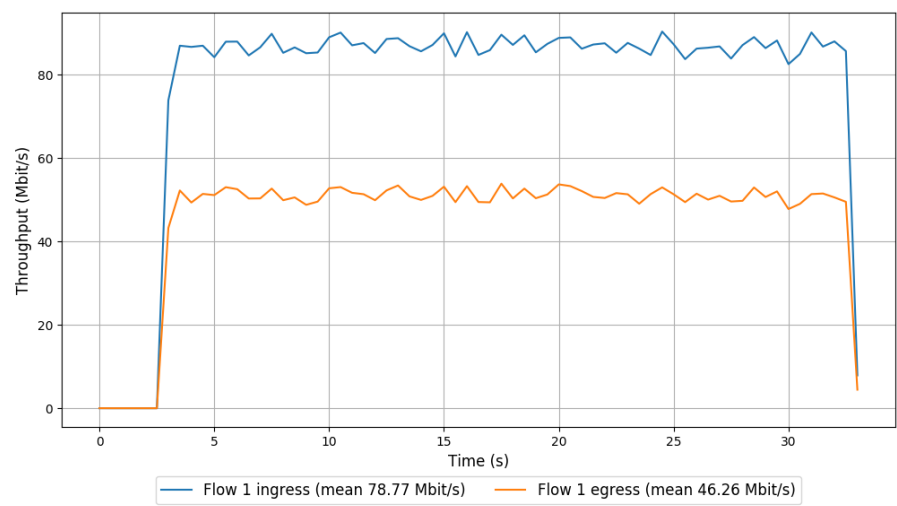
-- Flow 1:

Average throughput: 46.26 Mbit/s

95th percentile per-packet one-way delay: 25.578 ms

Loss rate: 41.23%

Run 8: Report of Saturator — Data Link



Run 9: Statistics of Saturator

Start at: Fri, 23 Jun 2017 22:57:33 +0000

End at: Fri, 23 Jun 2017 22:58:03 +0000

Local clock offset: -3.389 ms

Remote clock offset: -0.809 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:17:50 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.39 Mbit/s

95th percentile per-packet one-way delay: 26.149 ms

Loss rate: 38.68%

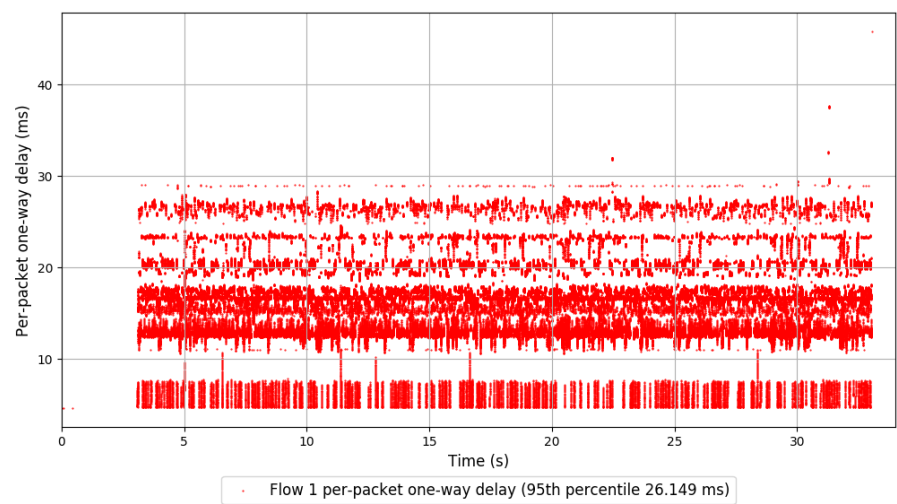
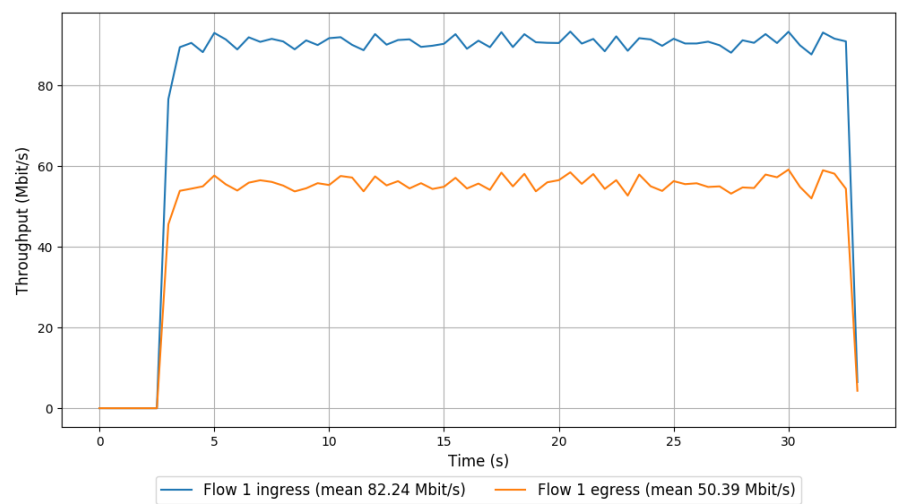
-- Flow 1:

Average throughput: 50.39 Mbit/s

95th percentile per-packet one-way delay: 26.149 ms

Loss rate: 38.68%

Run 9: Report of Saturator — Data Link



Run 10: Statistics of Saturator

Start at: Fri, 23 Jun 2017 23:16:03 +0000

End at: Fri, 23 Jun 2017 23:16:33 +0000

Local clock offset: -2.448 ms

Remote clock offset: -0.938 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:18:22 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 46.16 Mbit/s

95th percentile per-packet one-way delay: 24.514 ms

Loss rate: 41.44%

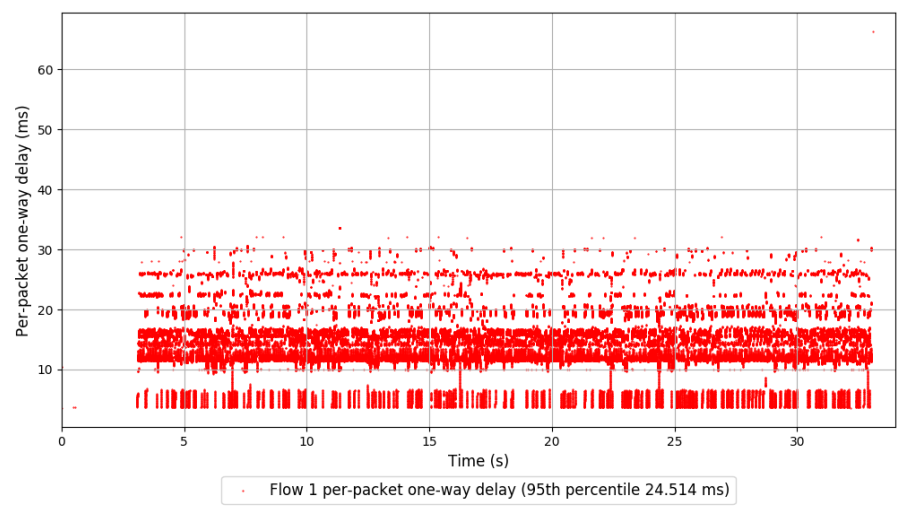
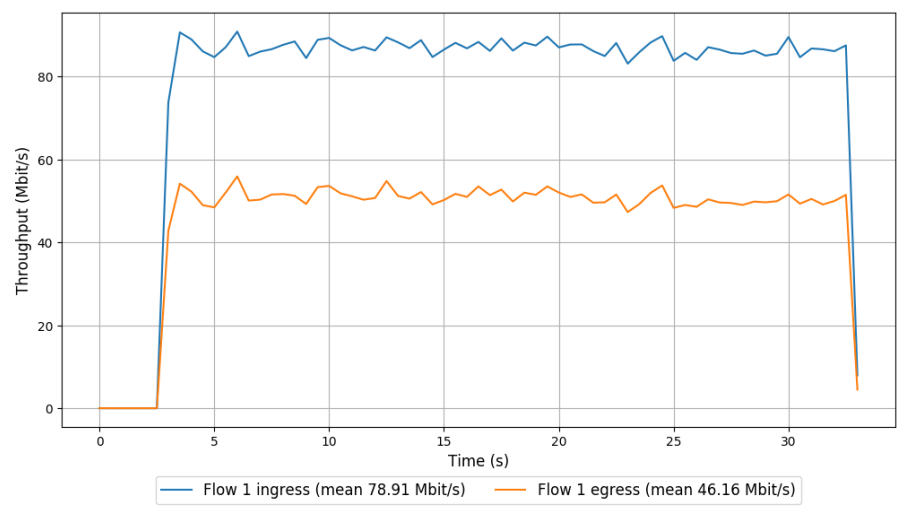
-- Flow 1:

Average throughput: 46.16 Mbit/s

95th percentile per-packet one-way delay: 24.514 ms

Loss rate: 41.44%

Run 10: Report of Saturator — Data Link



Run 1: Statistics of SCReAM

Start at: Fri, 23 Jun 2017 20:36:09 +0000

End at: Fri, 23 Jun 2017 20:36:39 +0000

Local clock offset: -2.549 ms

Remote clock offset: 0.076 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:18:22 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 4.746 ms

Loss rate: 0.00%

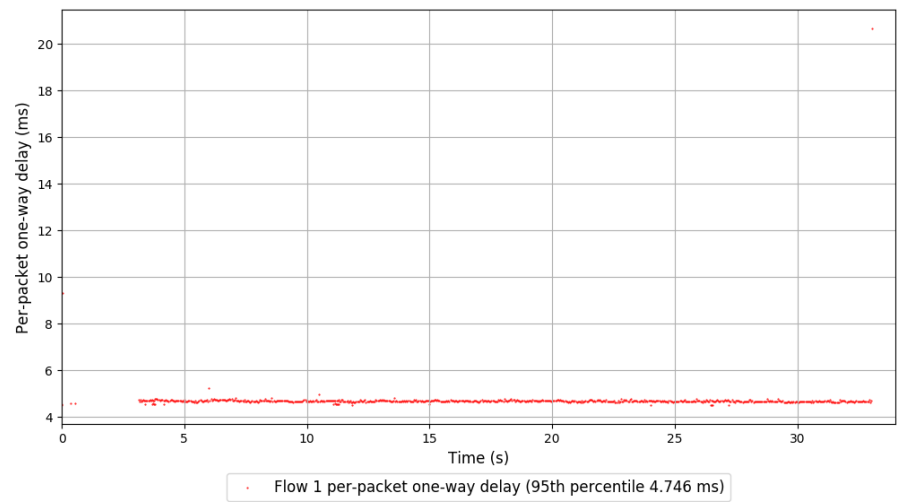
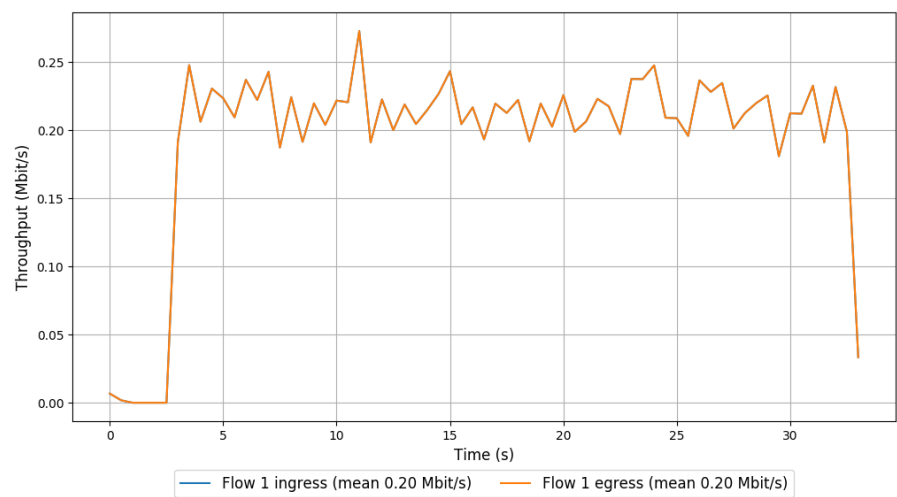
-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 4.746 ms

Loss rate: 0.00%

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

Start at: Fri, 23 Jun 2017 20:54:46 +0000

End at: Fri, 23 Jun 2017 20:55:16 +0000

Local clock offset: -1.89 ms

Remote clock offset: -0.061 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:18:22 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 4.105 ms

Loss rate: 0.00%

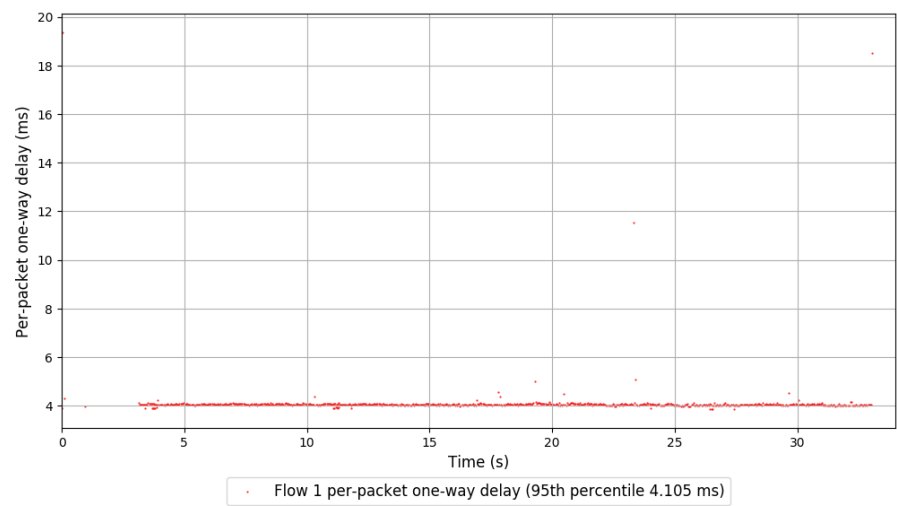
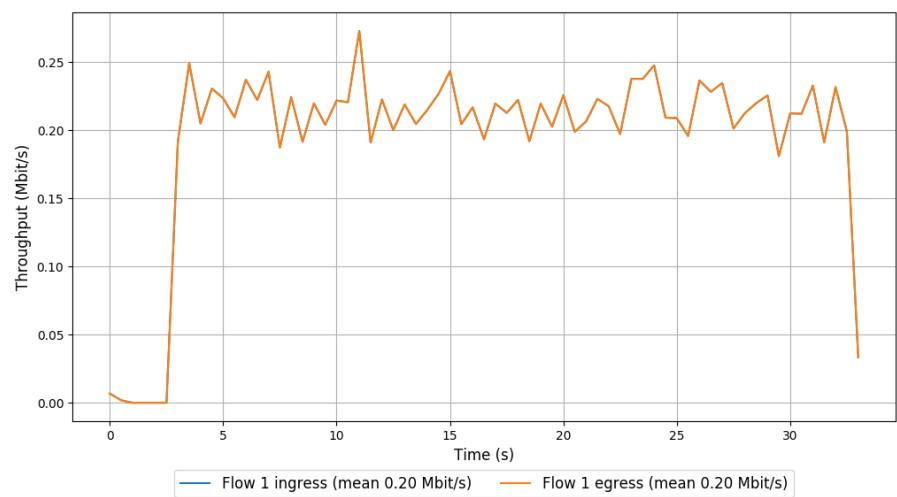
-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 4.105 ms

Loss rate: 0.00%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SCReAM

Start at: Fri, 23 Jun 2017 21:13:28 +0000

End at: Fri, 23 Jun 2017 21:13:58 +0000

Local clock offset: -4.298 ms

Remote clock offset: -0.039 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:18:22 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 17.331 ms

Loss rate: 0.00%

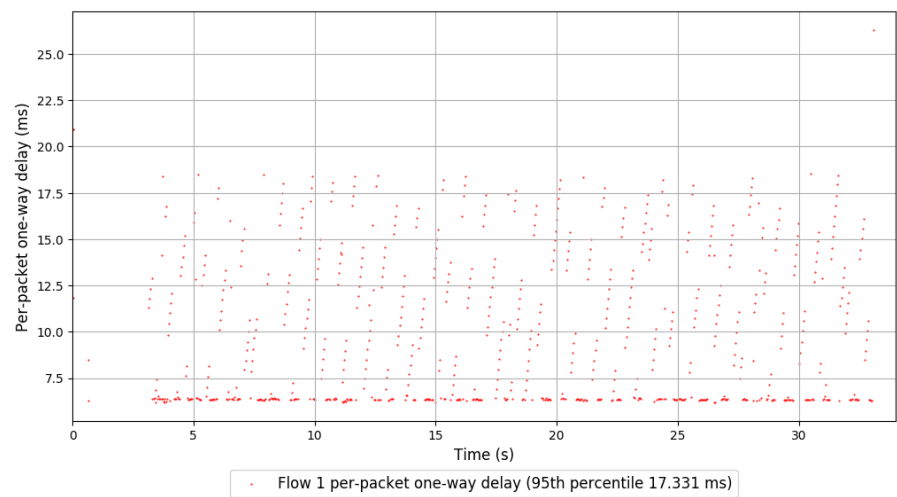
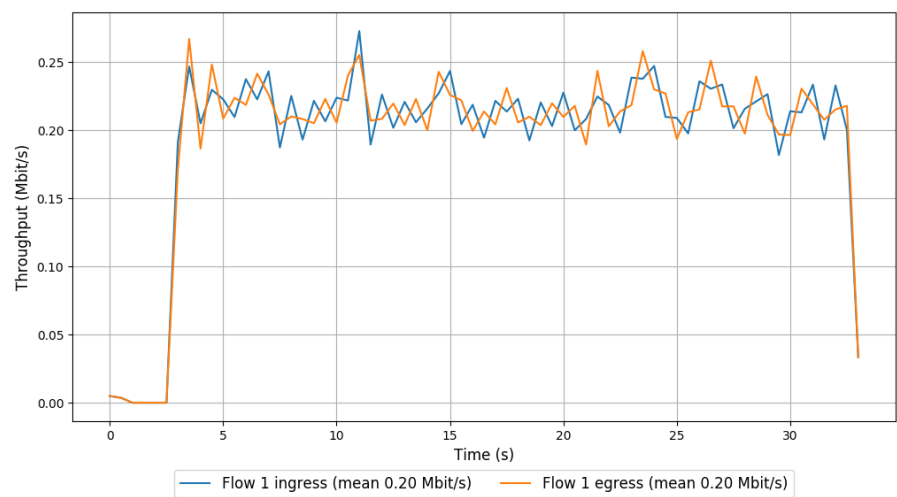
-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 17.331 ms

Loss rate: 0.00%

Run 3: Report of SReAM — Data Link



Run 4: Statistics of SCReAM

Start at: Fri, 23 Jun 2017 21:31:42 +0000

End at: Fri, 23 Jun 2017 21:32:12 +0000

Local clock offset: -3.144 ms

Remote clock offset: -0.068 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:18:22 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 5.178 ms

Loss rate: 0.00%

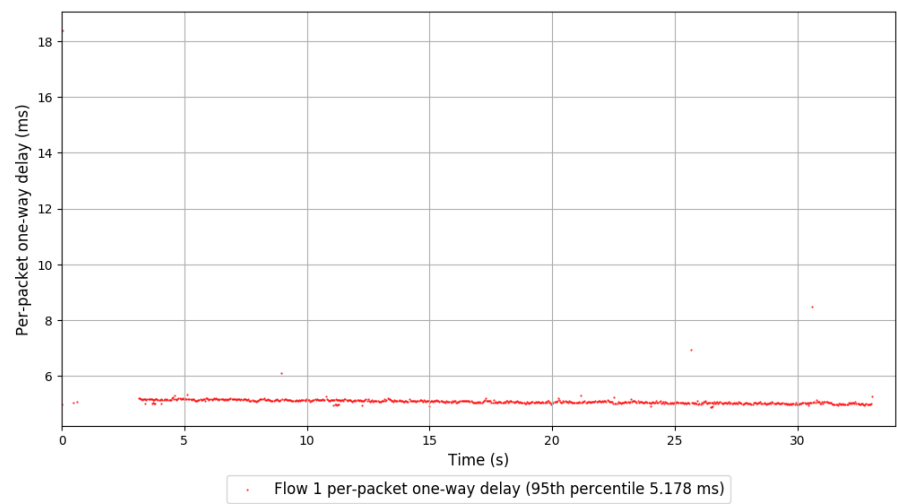
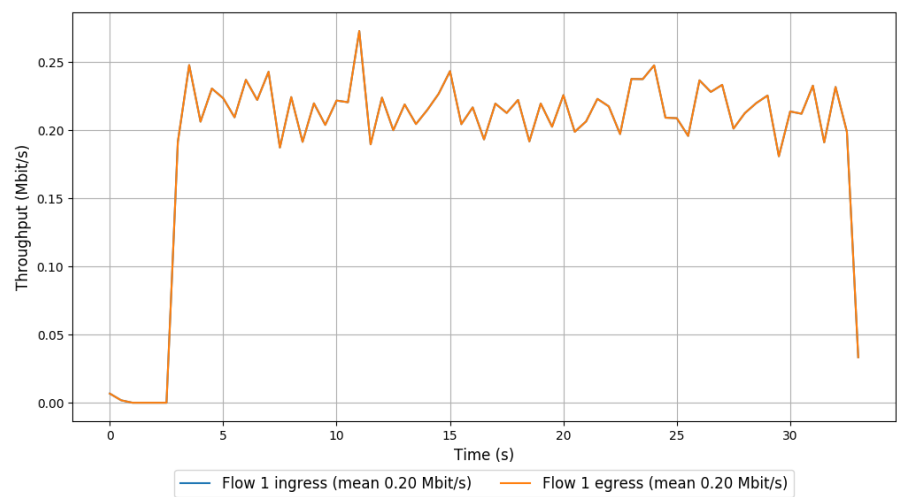
-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 5.178 ms

Loss rate: 0.00%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

Start at: Fri, 23 Jun 2017 21:49:46 +0000

End at: Fri, 23 Jun 2017 21:50:16 +0000

Local clock offset: -0.636 ms

Remote clock offset: -0.167 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:18:22 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 2.631 ms

Loss rate: 0.00%

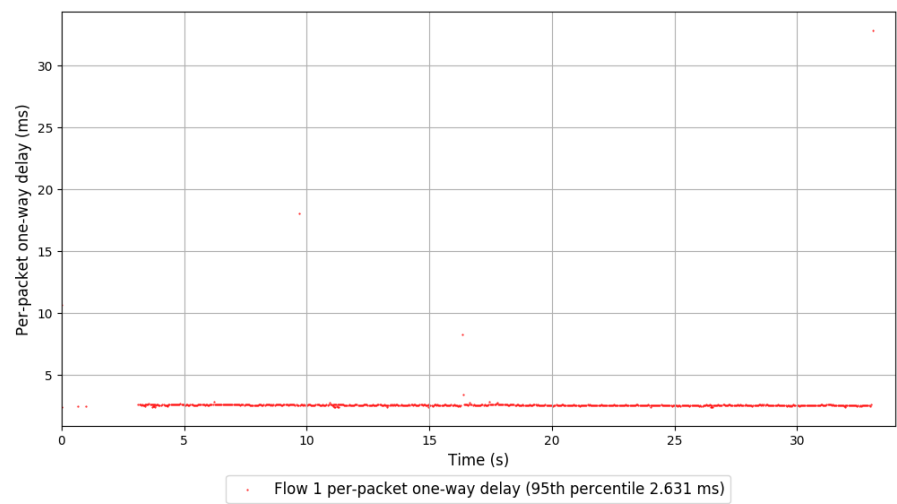
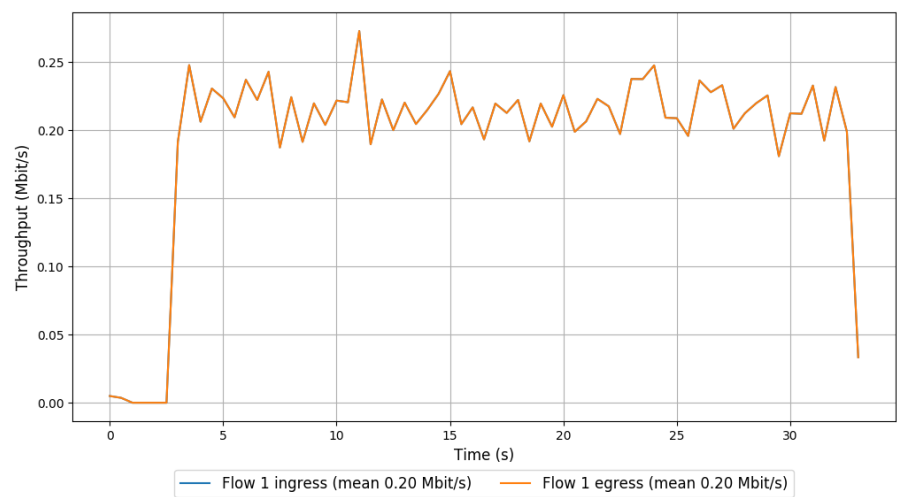
-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 2.631 ms

Loss rate: 0.00%

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SCReAM

Start at: Fri, 23 Jun 2017 22:08:04 +0000

End at: Fri, 23 Jun 2017 22:08:34 +0000

Local clock offset: -1.283 ms

Remote clock offset: -0.35 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:18:22 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 3.474 ms

Loss rate: 0.00%

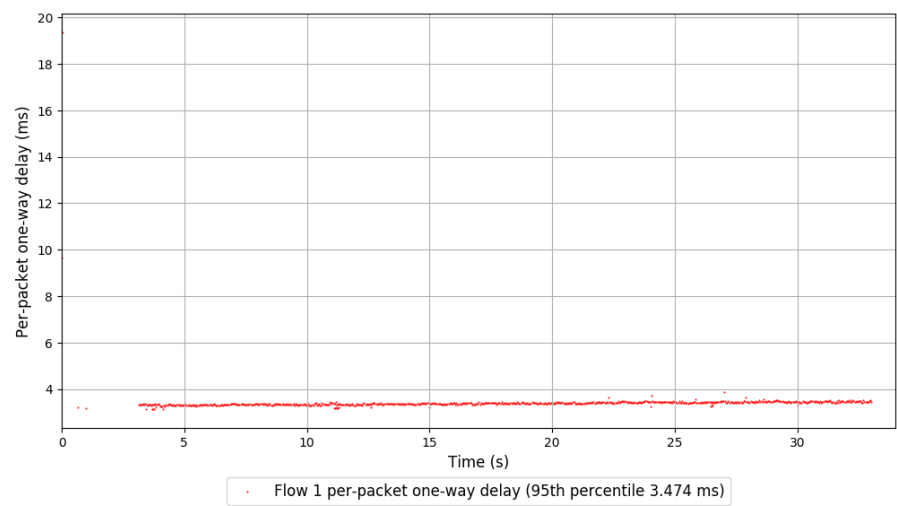
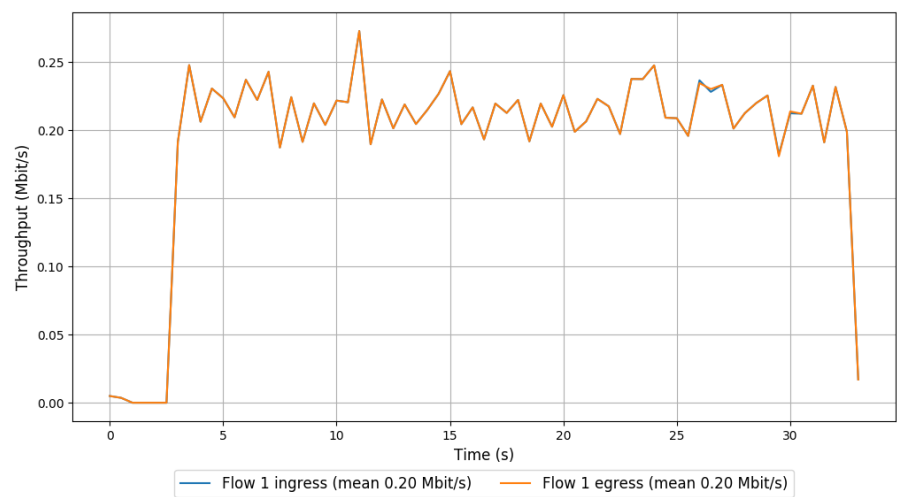
-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 3.474 ms

Loss rate: 0.00%

Run 6: Report of SReAM — Data Link



Run 7: Statistics of SCReAM

Start at: Fri, 23 Jun 2017 22:25:48 +0000

End at: Fri, 23 Jun 2017 22:26:19 +0000

Local clock offset: -3.738 ms

Remote clock offset: -0.509 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:18:23 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 5.335 ms

Loss rate: 0.00%

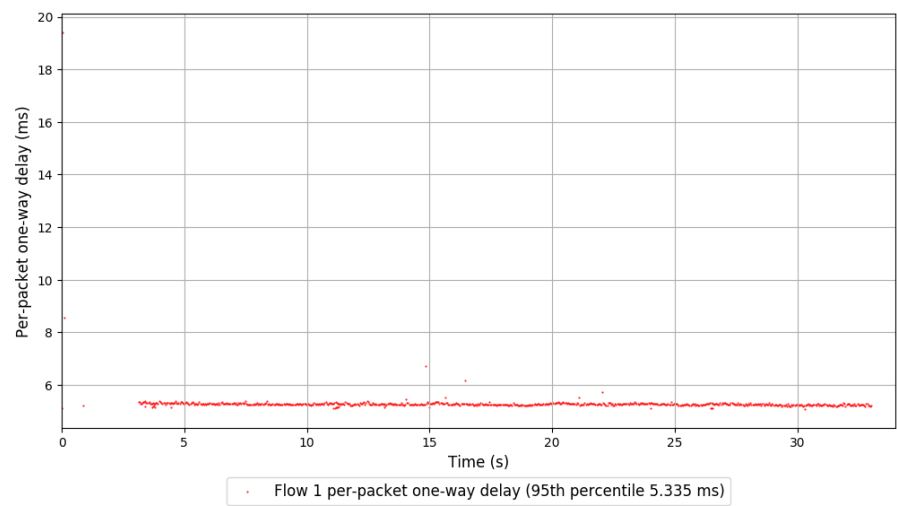
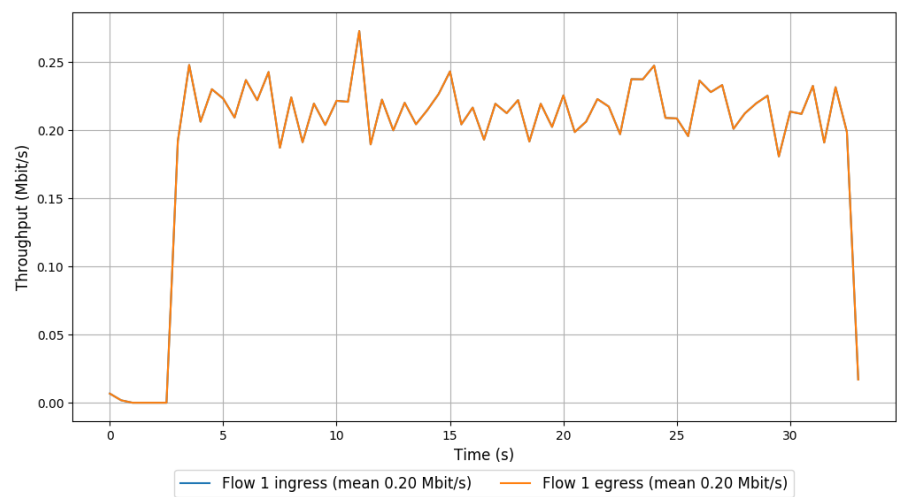
-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 5.335 ms

Loss rate: 0.00%

Run 7: Report of SReAM — Data Link



Run 8: Statistics of SCReAM

Start at: Fri, 23 Jun 2017 22:44:06 +0000

End at: Fri, 23 Jun 2017 22:44:36 +0000

Local clock offset: -2.925 ms

Remote clock offset: -0.648 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:18:27 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 4.447 ms

Loss rate: 0.00%

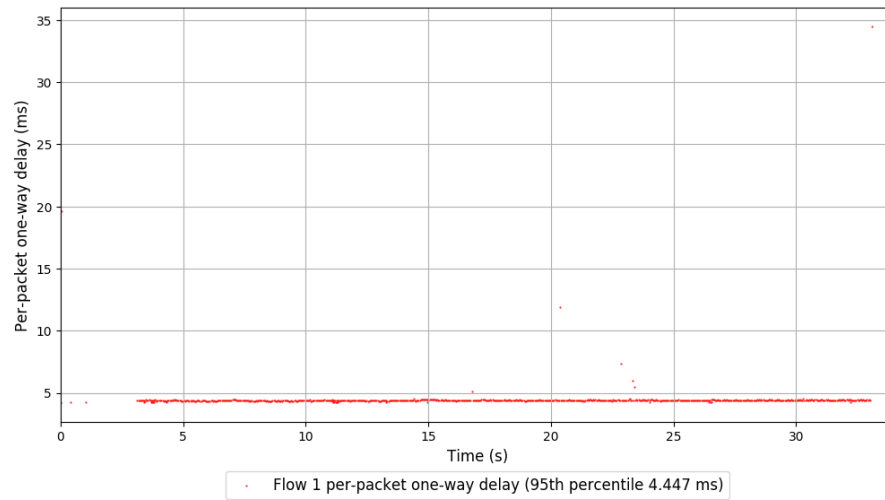
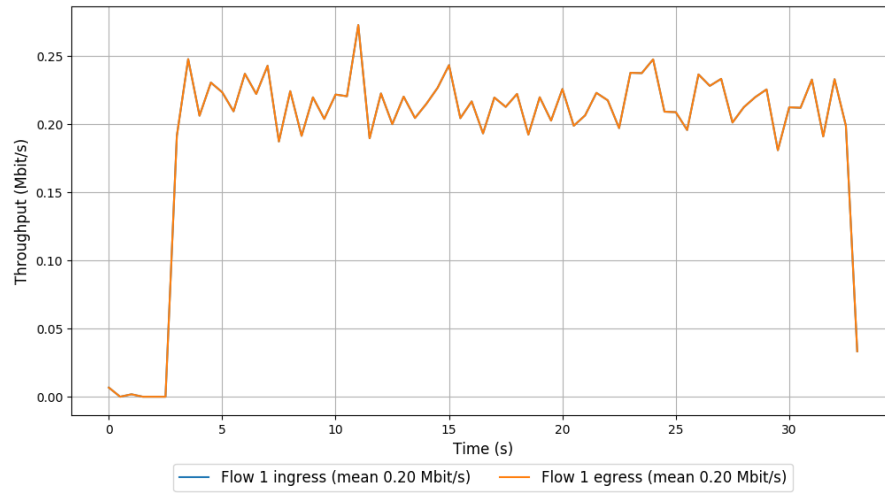
-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 4.447 ms

Loss rate: 0.00%

Run 8: Report of SReAM — Data Link



Run 9: Statistics of SCReAM

Start at: Fri, 23 Jun 2017 23:02:27 +0000

End at: Fri, 23 Jun 2017 23:02:57 +0000

Local clock offset: -3.08 ms

Remote clock offset: -0.809 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:18:29 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 15.830 ms

Loss rate: 0.13%

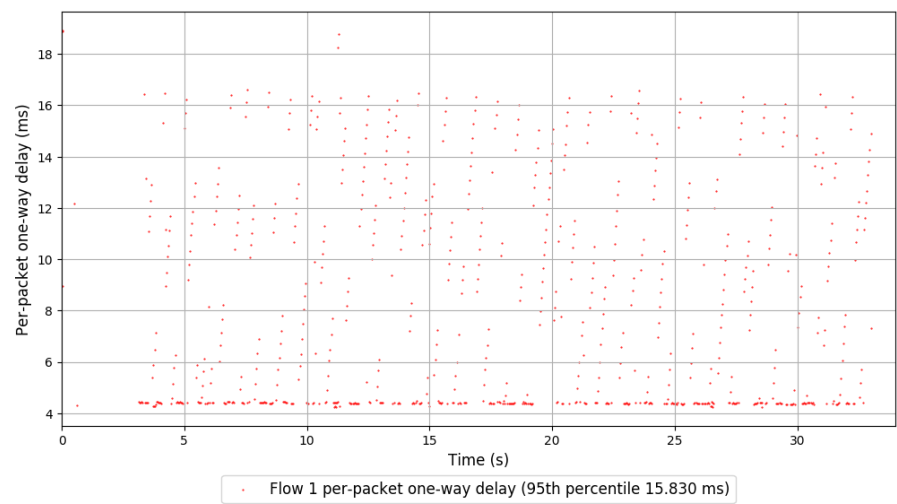
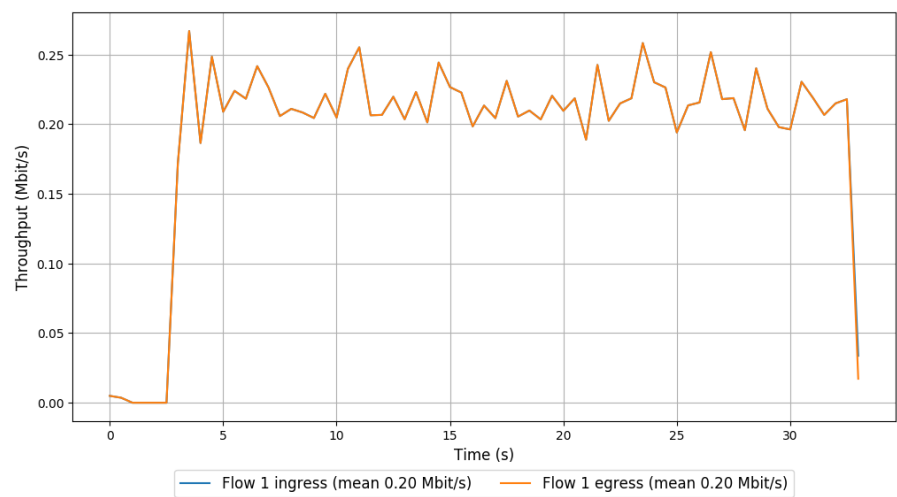
-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 15.830 ms

Loss rate: 0.13%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SCReAM

Start at: Fri, 23 Jun 2017 23:20:57 +0000

End at: Fri, 23 Jun 2017 23:21:27 +0000

Local clock offset: -2.277 ms

Remote clock offset: -0.902 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:18:32 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 3.589 ms

Loss rate: 0.00%

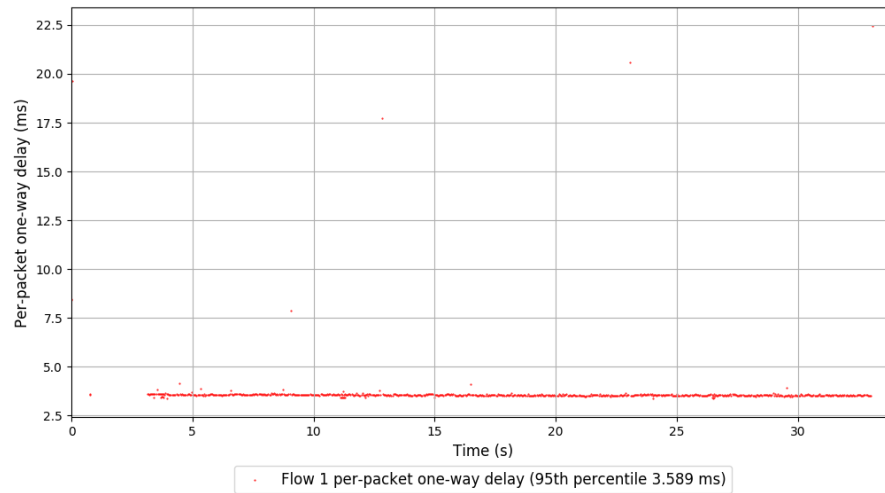
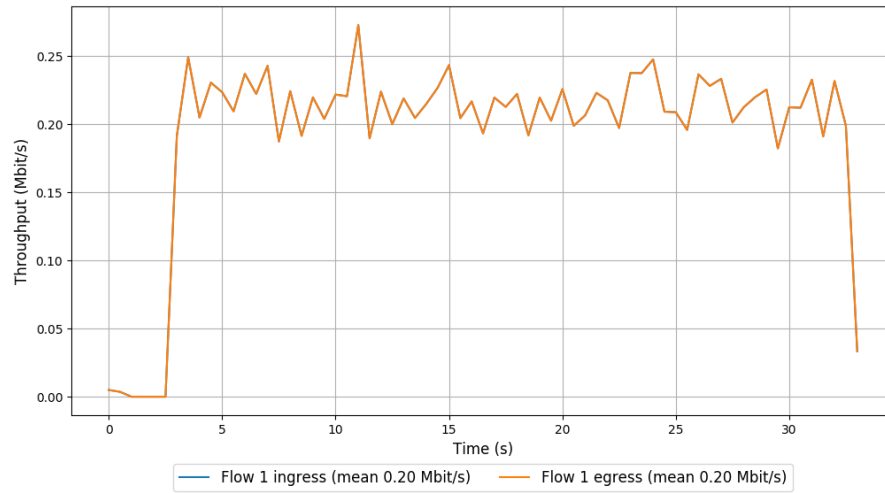
-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 3.589 ms

Loss rate: 0.00%

Run 10: Report of SReAM — Data Link



Run 1: Statistics of Sprout

Start at: Fri, 23 Jun 2017 20:24:38 +0000

End at: Fri, 23 Jun 2017 20:25:08 +0000

Local clock offset: -3.671 ms

Remote clock offset: 0.044 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:18:56 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 42.53 Mbit/s

95th percentile per-packet one-way delay: 14.607 ms

Loss rate: 0.11%

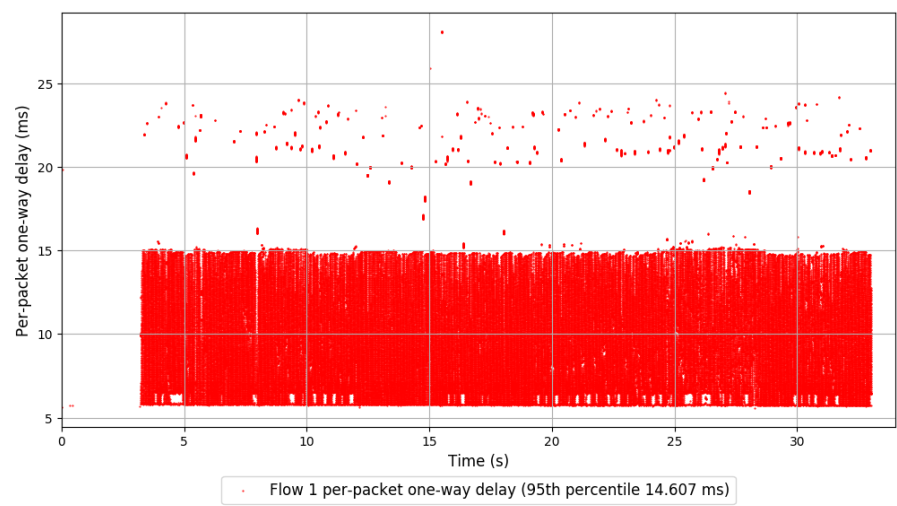
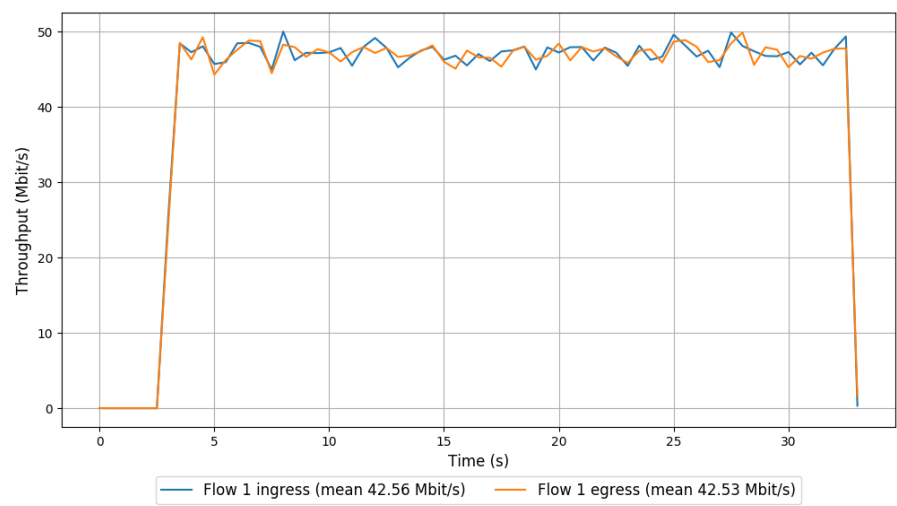
-- Flow 1:

Average throughput: 42.53 Mbit/s

95th percentile per-packet one-way delay: 14.607 ms

Loss rate: 0.11%

Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

Start at: Fri, 23 Jun 2017 20:43:28 +0000

End at: Fri, 23 Jun 2017 20:43:58 +0000

Local clock offset: -2.29 ms

Remote clock offset: 0.026 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:18:57 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 37.84 Mbit/s

95th percentile per-packet one-way delay: 18.987 ms

Loss rate: 0.28%

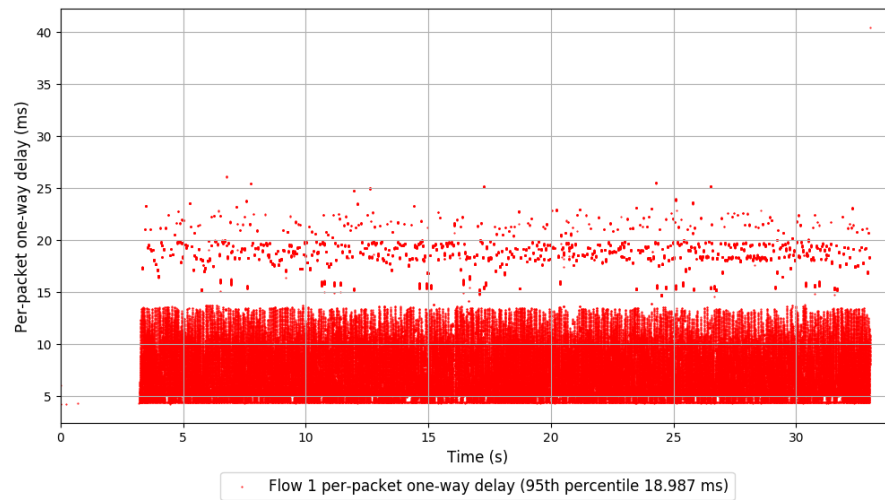
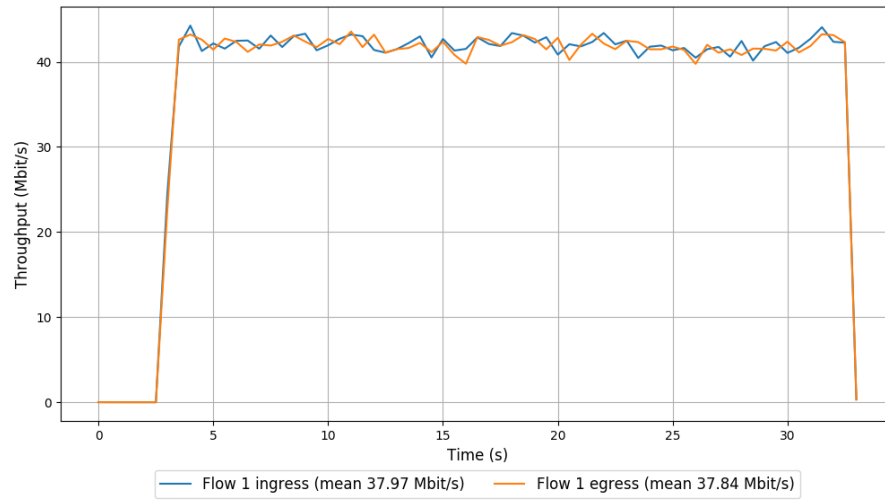
-- Flow 1:

Average throughput: 37.84 Mbit/s

95th percentile per-packet one-way delay: 18.987 ms

Loss rate: 0.28%

Run 2: Report of Sprout — Data Link



Run 3: Statistics of Sprout

Start at: Fri, 23 Jun 2017 21:02:05 +0000

End at: Fri, 23 Jun 2017 21:02:35 +0000

Local clock offset: -3.127 ms

Remote clock offset: -0.017 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:19:20 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 38.53 Mbit/s

95th percentile per-packet one-way delay: 19.967 ms

Loss rate: 0.13%

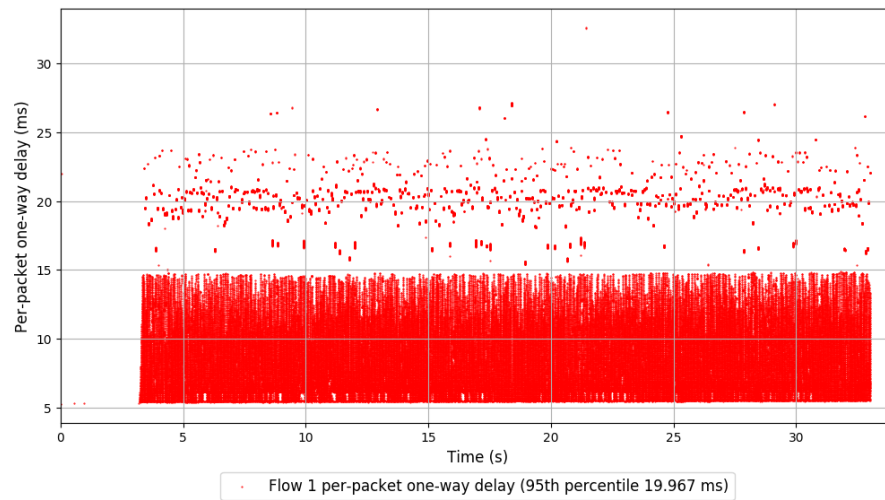
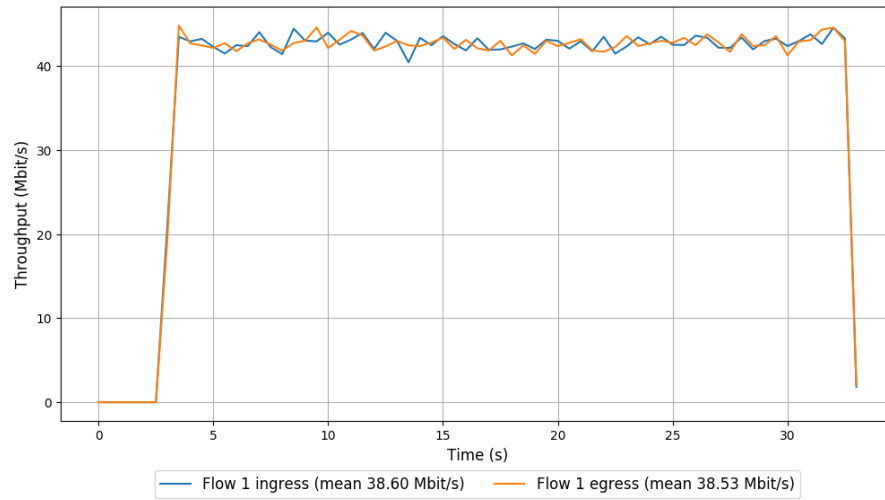
-- Flow 1:

Average throughput: 38.53 Mbit/s

95th percentile per-packet one-way delay: 19.967 ms

Loss rate: 0.13%

Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

Start at: Fri, 23 Jun 2017 21:20:34 +0000

End at: Fri, 23 Jun 2017 21:21:04 +0000

Local clock offset: -3.853 ms

Remote clock offset: -0.121 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:19:24 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 40.57 Mbit/s

95th percentile per-packet one-way delay: 17.370 ms

Loss rate: 0.11%

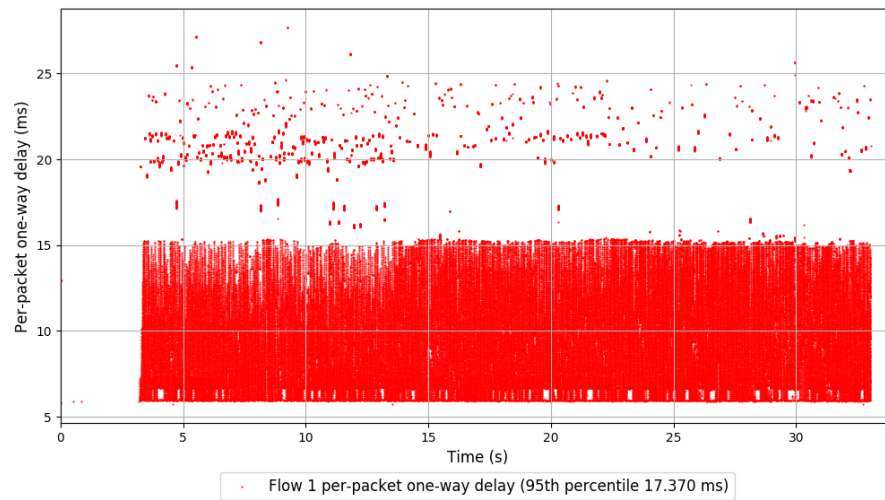
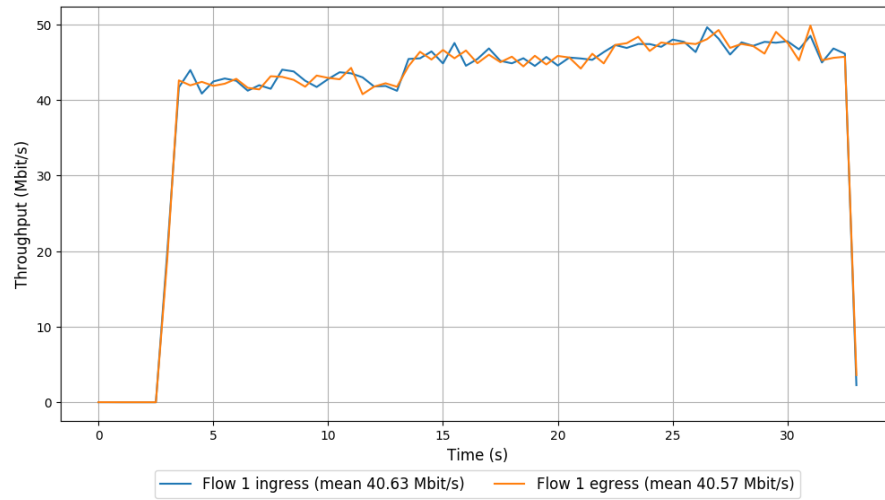
-- Flow 1:

Average throughput: 40.57 Mbit/s

95th percentile per-packet one-way delay: 17.370 ms

Loss rate: 0.11%

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: Fri, 23 Jun 2017 21:38:56 +0000

End at: Fri, 23 Jun 2017 21:39:26 +0000

Local clock offset: -1.594 ms

Remote clock offset: -0.141 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:19:48 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 43.91 Mbit/s

95th percentile per-packet one-way delay: 12.433 ms

Loss rate: 0.14%

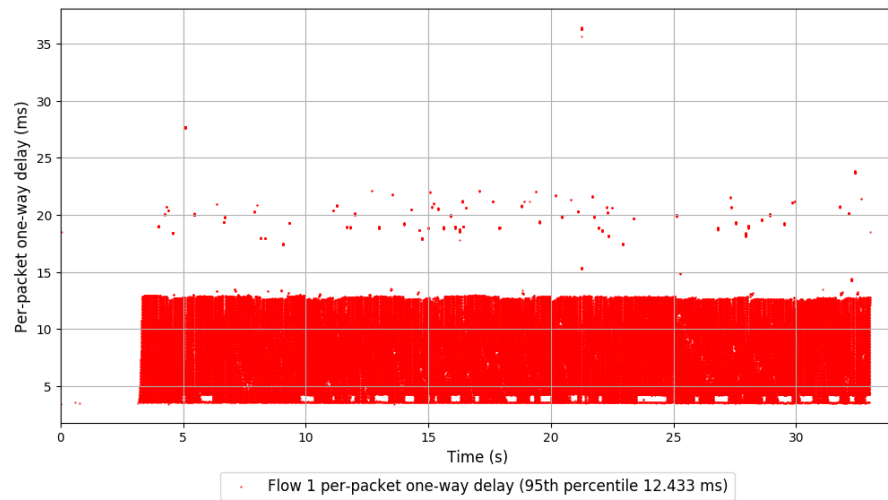
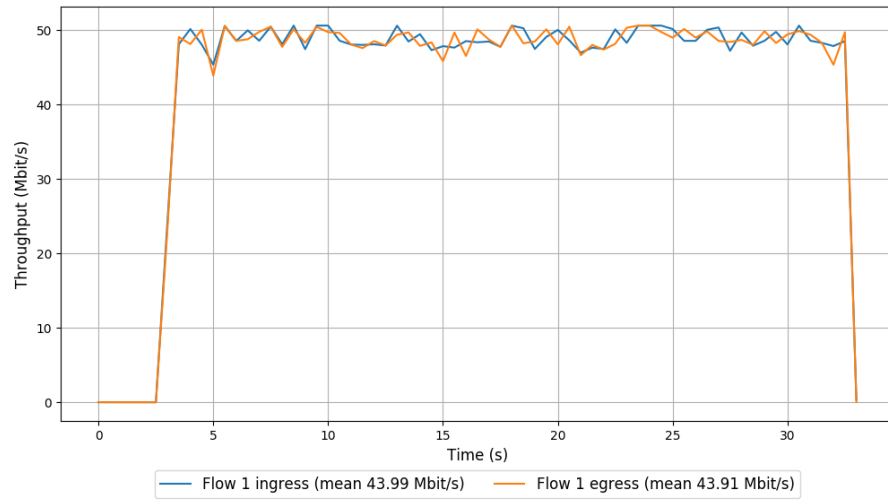
-- Flow 1:

Average throughput: 43.91 Mbit/s

95th percentile per-packet one-way delay: 12.433 ms

Loss rate: 0.14%

Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

Start at: Fri, 23 Jun 2017 21:56:56 +0000

End at: Fri, 23 Jun 2017 21:57:26 +0000

Local clock offset: -0.443 ms

Remote clock offset: -0.262 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:19:49 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 38.28 Mbit/s

95th percentile per-packet one-way delay: 16.828 ms

Loss rate: 0.20%

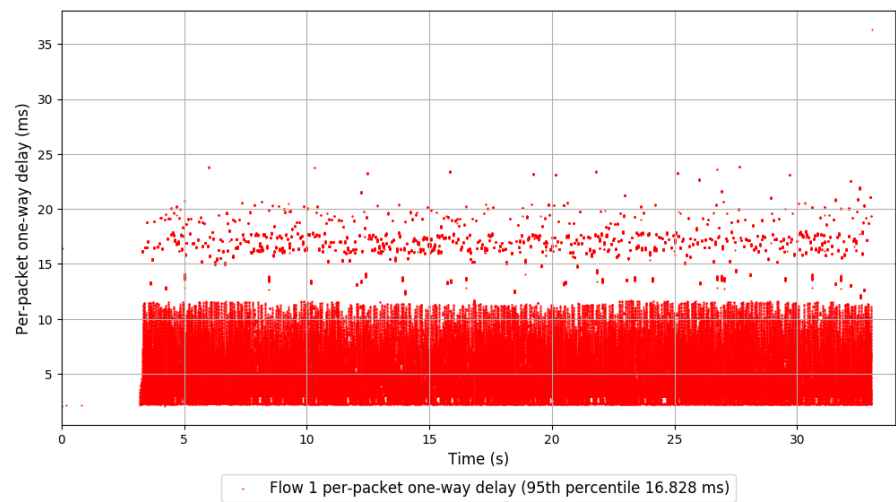
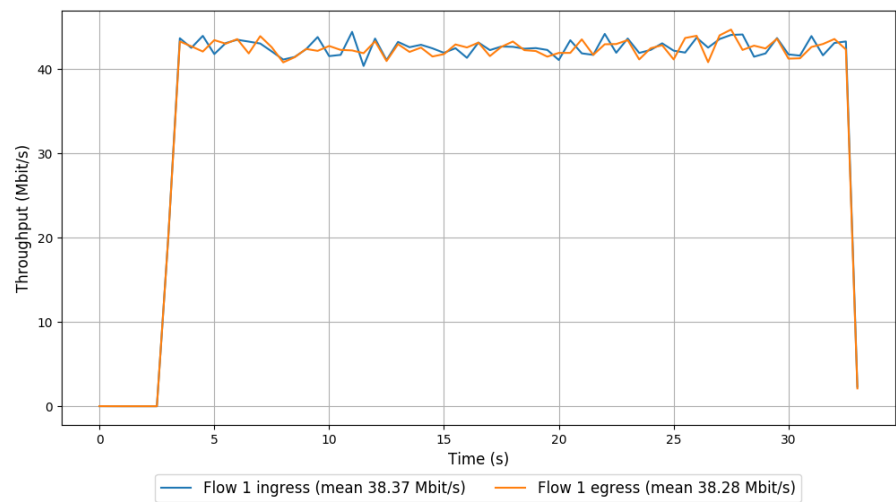
-- Flow 1:

Average throughput: 38.28 Mbit/s

95th percentile per-packet one-way delay: 16.828 ms

Loss rate: 0.20%

Run 6: Report of Sprout — Data Link



Run 7: Statistics of Sprout

Start at: Fri, 23 Jun 2017 22:14:55 +0000

End at: Fri, 23 Jun 2017 22:15:25 +0000

Local clock offset: -3.312 ms

Remote clock offset: -0.481 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:20:15 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 38.45 Mbit/s

95th percentile per-packet one-way delay: 19.492 ms

Loss rate: 0.35%

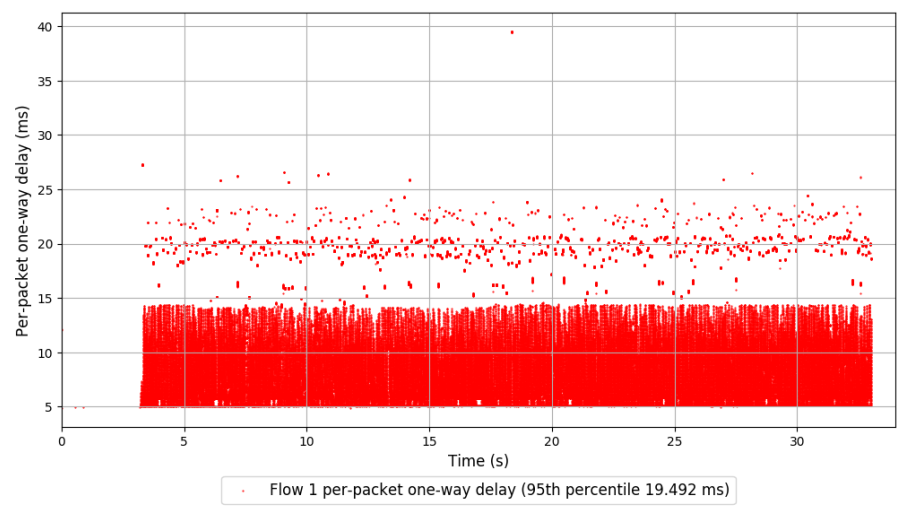
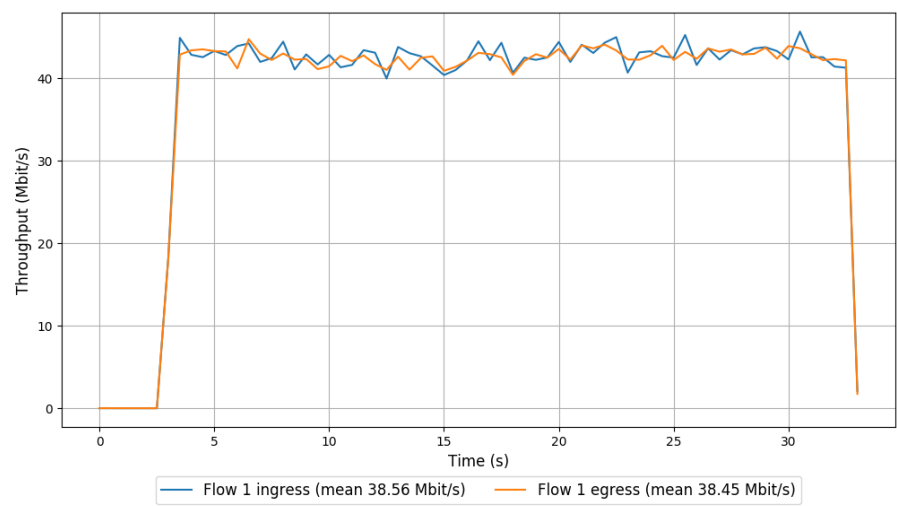
-- Flow 1:

Average throughput: 38.45 Mbit/s

95th percentile per-packet one-way delay: 19.492 ms

Loss rate: 0.35%

Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

Start at: Fri, 23 Jun 2017 22:32:50 +0000

End at: Fri, 23 Jun 2017 22:33:20 +0000

Local clock offset: -3.017 ms

Remote clock offset: -0.588 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:20:15 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 37.63 Mbit/s

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

Loss rate: 0.39%

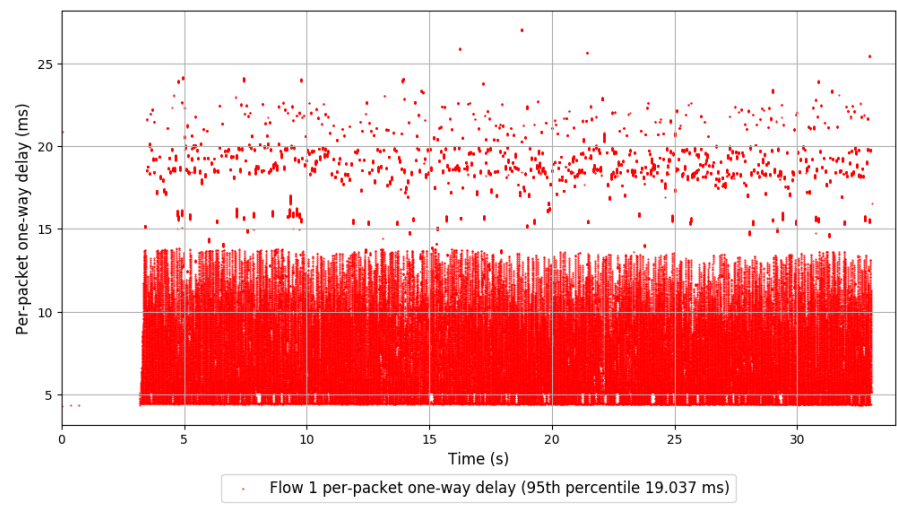
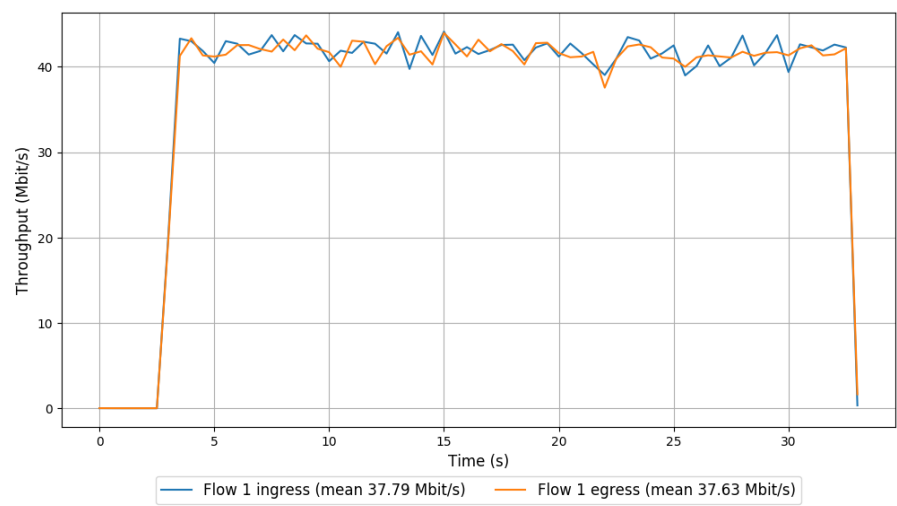
-- Flow 1:

Average throughput: 37.63 Mbit/s

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

Loss rate: 0.39%

Run 8: Report of Sprout — Data Link



Run 9: Statistics of Sprout

Start at: Fri, 23 Jun 2017 22:51:25 +0000

End at: Fri, 23 Jun 2017 22:51:55 +0000

Local clock offset: -3.399 ms

Remote clock offset: -0.745 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:20:40 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 38.78 Mbit/s

95th percentile per-packet one-way delay: 19.311 ms

Loss rate: 0.11%

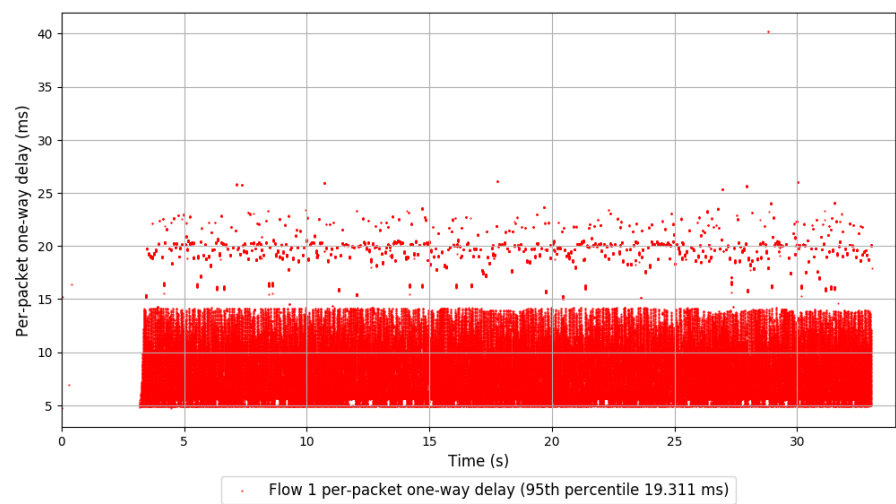
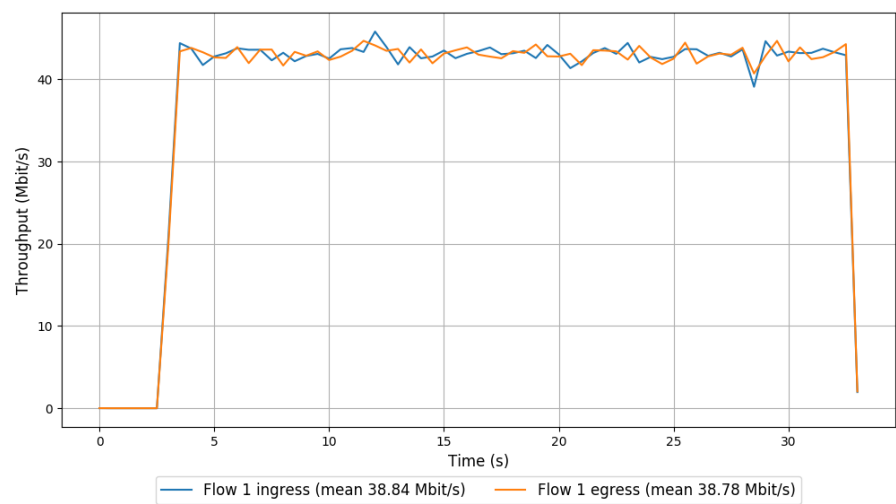
-- Flow 1:

Average throughput: 38.78 Mbit/s

95th percentile per-packet one-way delay: 19.311 ms

Loss rate: 0.11%

Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: Fri, 23 Jun 2017 23:09:28 +0000

End at: Fri, 23 Jun 2017 23:09:58 +0000

Local clock offset: -2.794 ms

Remote clock offset: -0.898 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:20:40 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 36.36 Mbit/s

95th percentile per-packet one-way delay: 19.285 ms

Loss rate: 2.74%

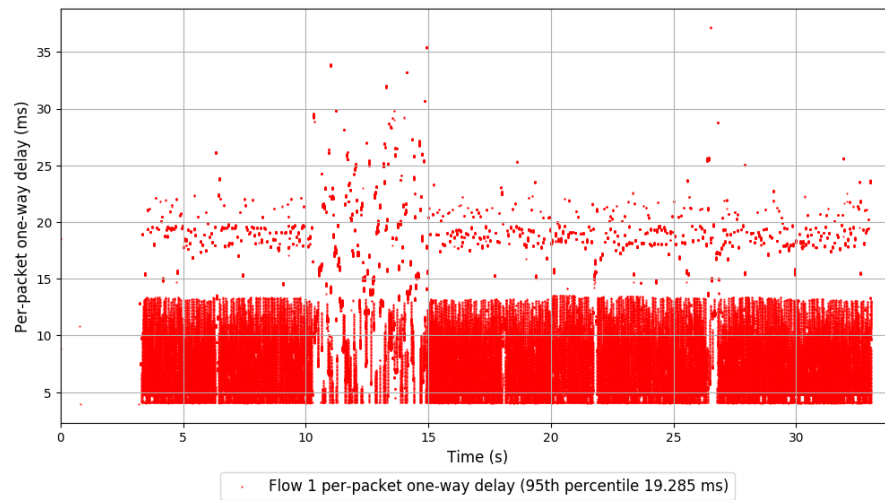
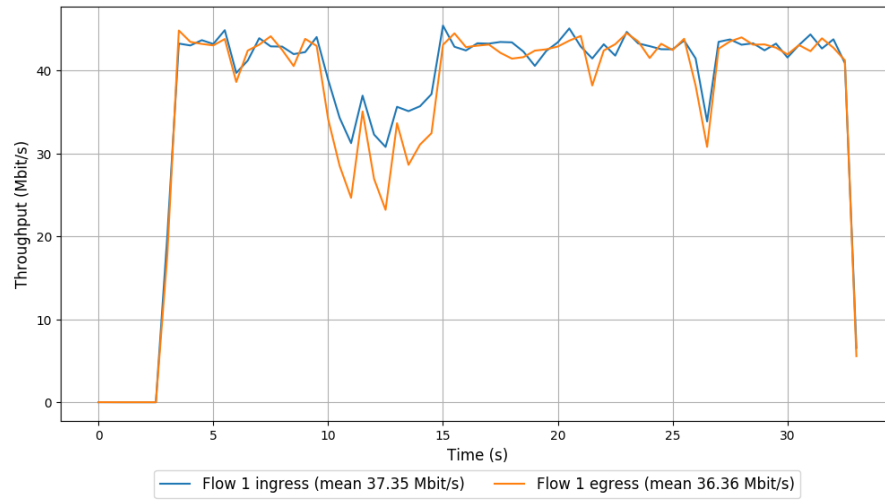
-- Flow 1:

Average throughput: 36.36 Mbit/s

95th percentile per-packet one-way delay: 19.285 ms

Loss rate: 2.74%

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: Fri, 23 Jun 2017 20:25:49 +0000

End at: Fri, 23 Jun 2017 20:26:19 +0000

Local clock offset: -3.517 ms

Remote clock offset: 0.038 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:21:23 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 40.17 Mbit/s

95th percentile per-packet one-way delay: 17.988 ms

Loss rate: 37.38%

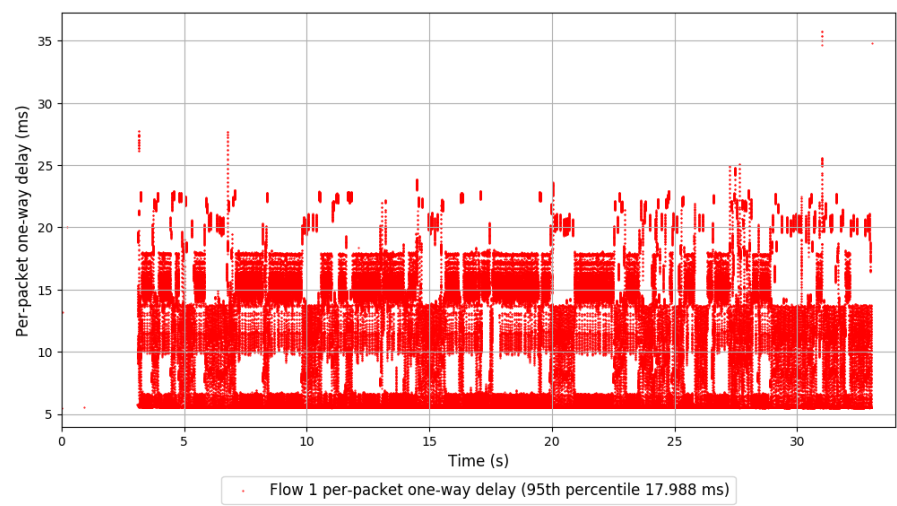
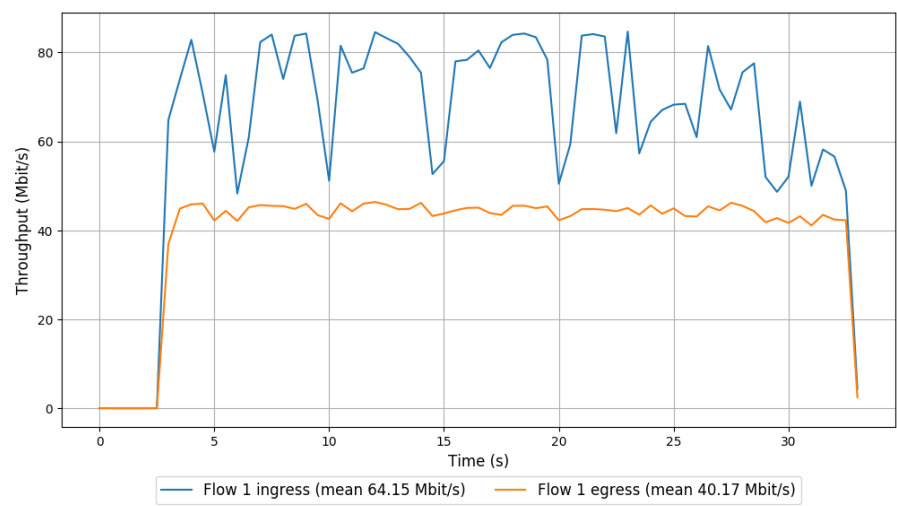
-- Flow 1:

Average throughput: 40.17 Mbit/s

95th percentile per-packet one-way delay: 17.988 ms

Loss rate: 37.38%

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



Run 2: Statistics of TaoVA-100x

Start at: Fri, 23 Jun 2017 20:44:39 +0000

End at: Fri, 23 Jun 2017 20:45:09 +0000

Local clock offset: -2.254 ms

Remote clock offset: -0.003 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:21:27 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 40.11 Mbit/s

95th percentile per-packet one-way delay: 16.642 ms

Loss rate: 39.38%

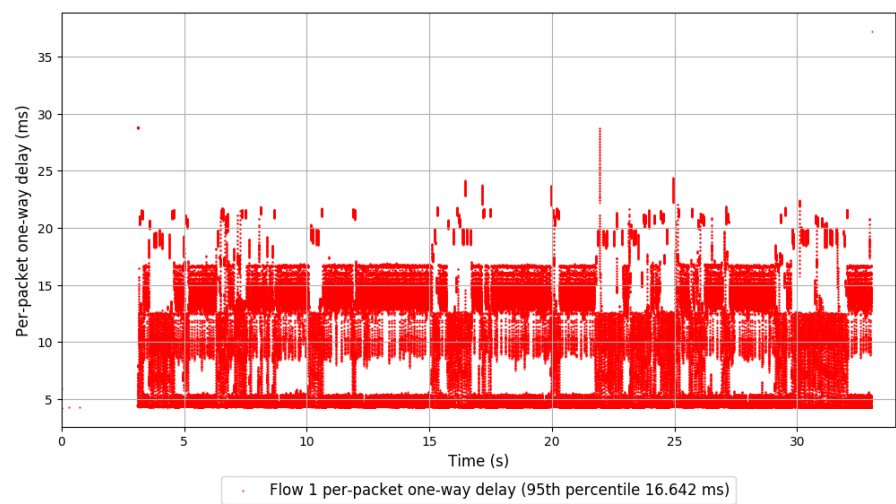
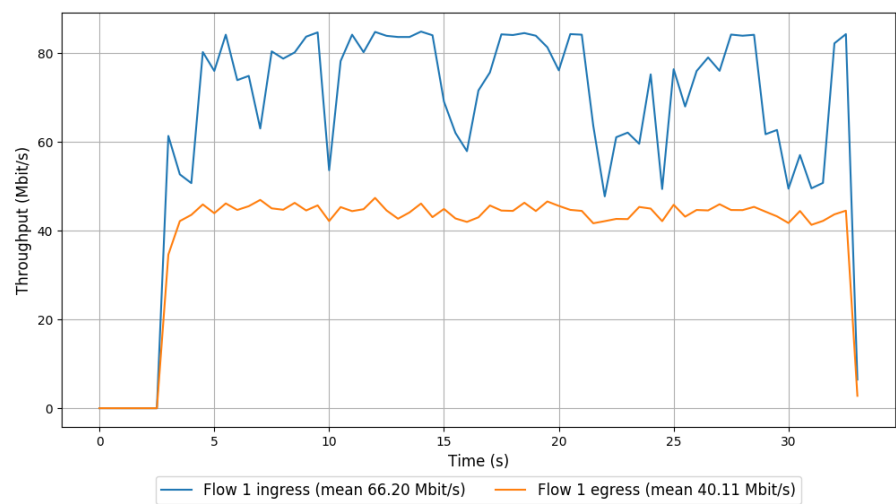
-- Flow 1:

Average throughput: 40.11 Mbit/s

95th percentile per-packet one-way delay: 16.642 ms

Loss rate: 39.38%

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



Run 3: Statistics of TaoVA-100x

Start at: Fri, 23 Jun 2017 21:03:16 +0000

End at: Fri, 23 Jun 2017 21:03:46 +0000

Local clock offset: -3.384 ms

Remote clock offset: -0.024 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:22:06 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 38.21 Mbit/s

95th percentile per-packet one-way delay: 19.204 ms

Loss rate: 24.40%

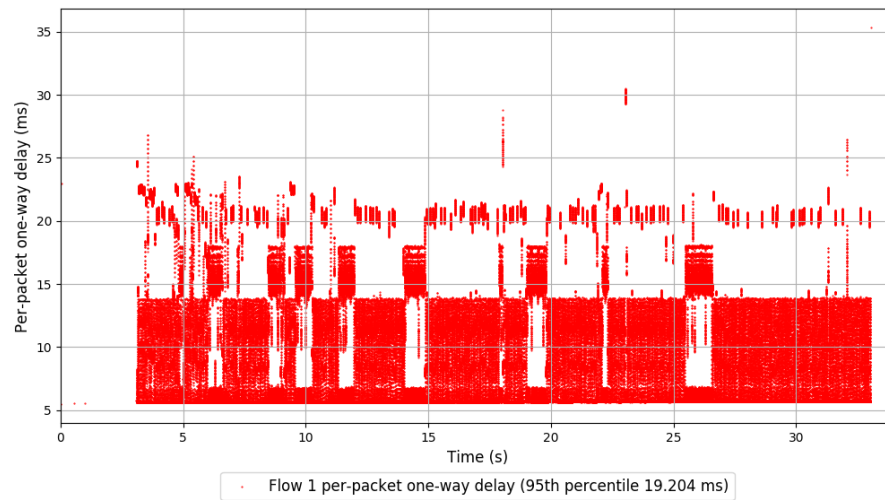
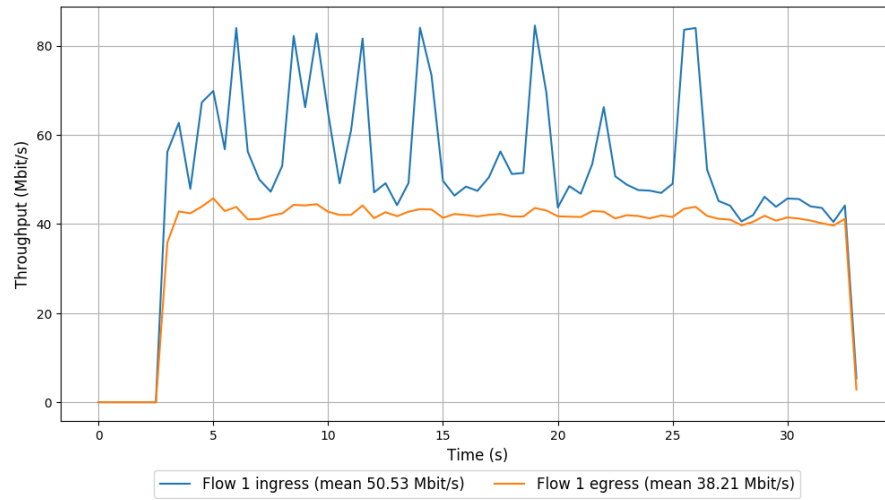
-- Flow 1:

Average throughput: 38.21 Mbit/s

95th percentile per-packet one-way delay: 19.204 ms

Loss rate: 24.40%

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



Run 4: Statistics of TaoVA-100x

Start at: Fri, 23 Jun 2017 21:21:46 +0000

End at: Fri, 23 Jun 2017 21:22:16 +0000

Local clock offset: -3.856 ms

Remote clock offset: -0.09 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:22:06 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 29.71 Mbit/s

95th percentile per-packet one-way delay: 20.734 ms

Loss rate: 29.47%

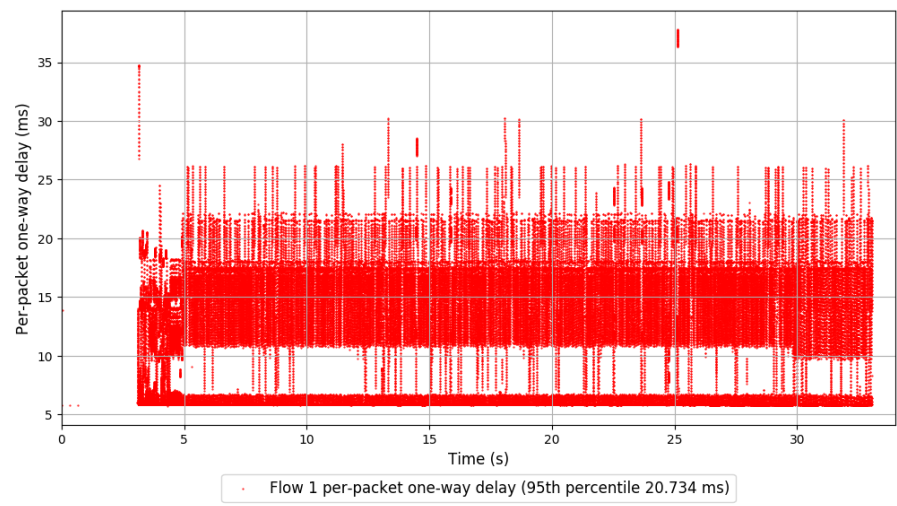
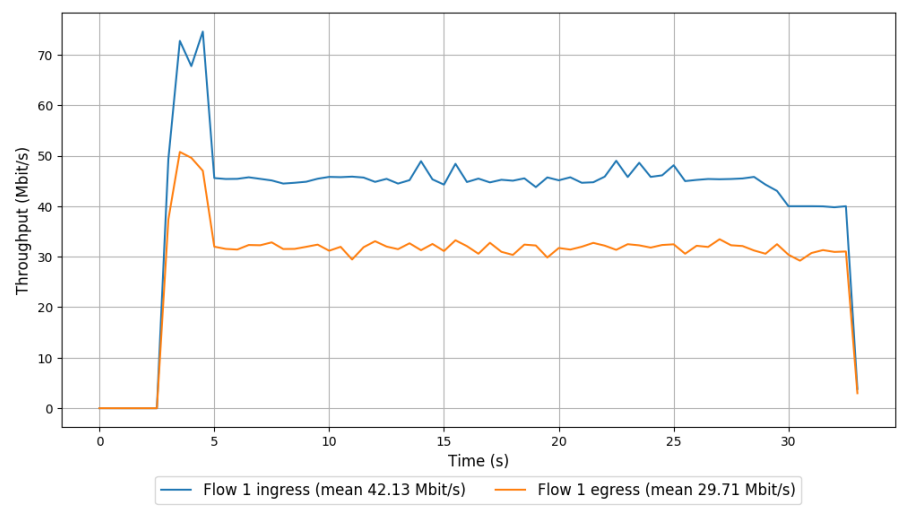
-- Flow 1:

Average throughput: 29.71 Mbit/s

95th percentile per-packet one-way delay: 20.734 ms

Loss rate: 29.47%

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



Run 5: Statistics of TaoVA-100x

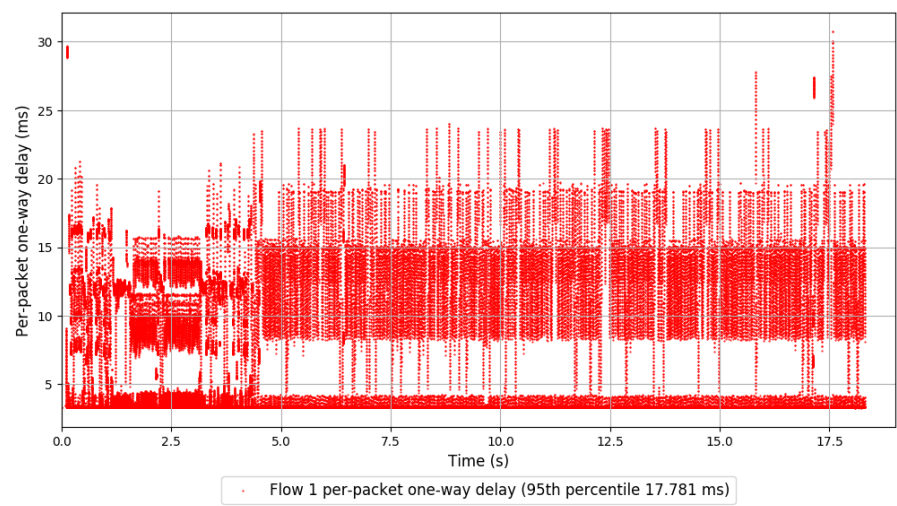
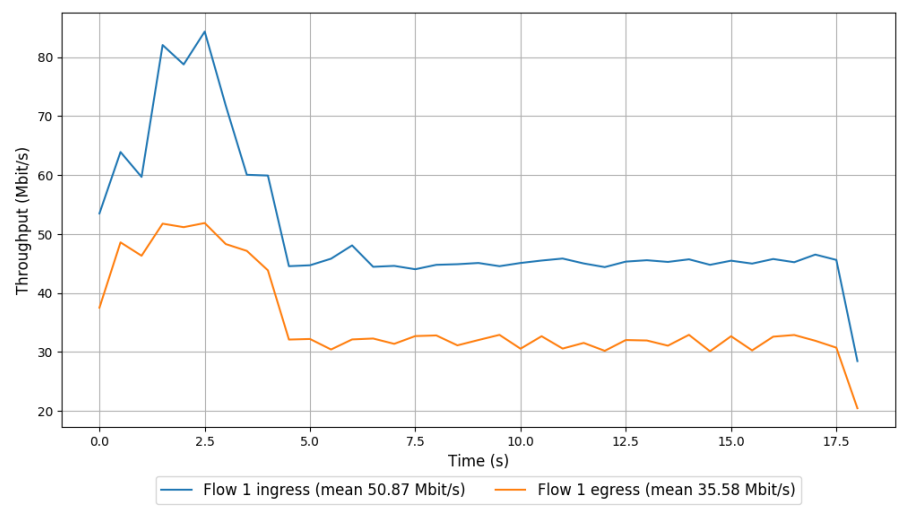
Start at: Fri, 23 Jun 2017 21:40:08 +0000

End at: Fri, 23 Jun 2017 21:40:38 +0000

Local clock offset: -1.437 ms

Remote clock offset: -0.168 ms

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



Run 6: Statistics of TaoVA-100x

Start at: Fri, 23 Jun 2017 21:58:08 +0000

End at: Fri, 23 Jun 2017 21:58:38 +0000

Local clock offset: -0.38 ms

Remote clock offset: -0.264 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:22:43 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 31.77 Mbit/s

95th percentile per-packet one-way delay: 17.479 ms

Loss rate: 30.01%

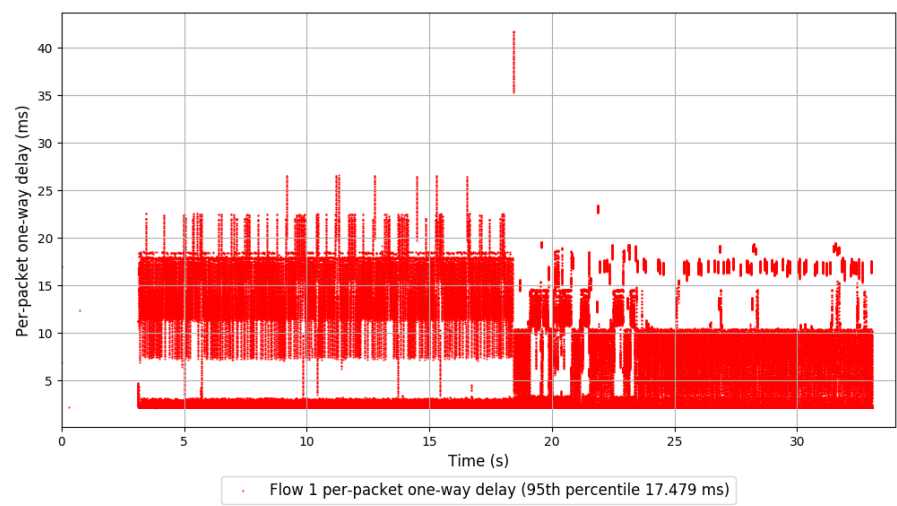
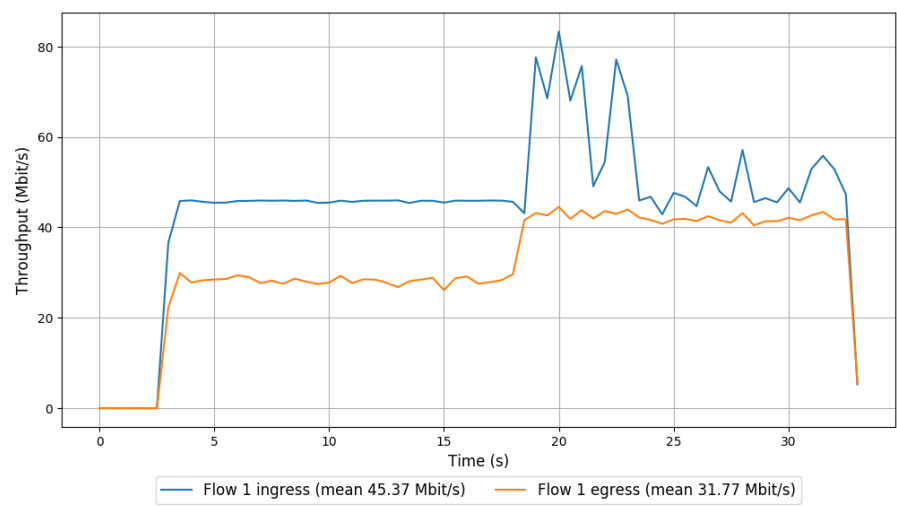
-- Flow 1:

Average throughput: 31.77 Mbit/s

95th percentile per-packet one-way delay: 17.479 ms

Loss rate: 30.01%

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



Run 7: Statistics of TaoVA-100x

Start at: Fri, 23 Jun 2017 22:16:07 +0000

End at: Fri, 23 Jun 2017 22:16:37 +0000

Local clock offset: -3.466 ms

Remote clock offset: -0.519 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:23:07 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 37.16 Mbit/s

95th percentile per-packet one-way delay: 17.752 ms

Loss rate: 31.81%

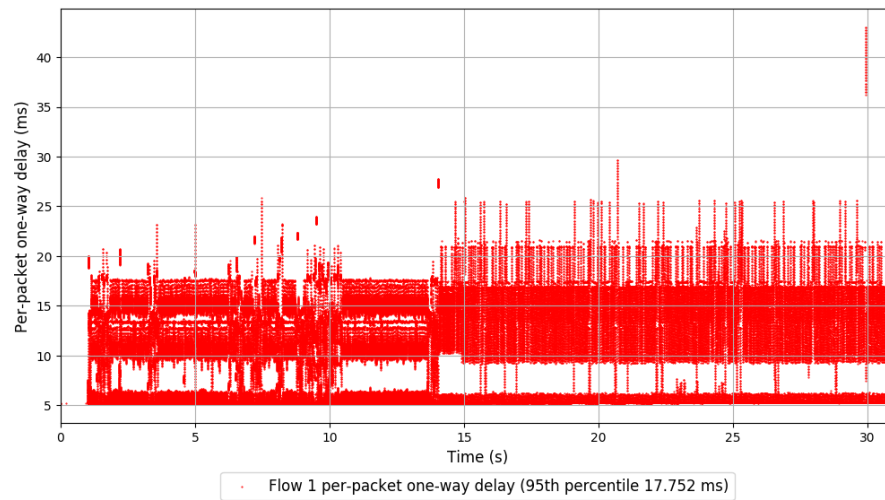
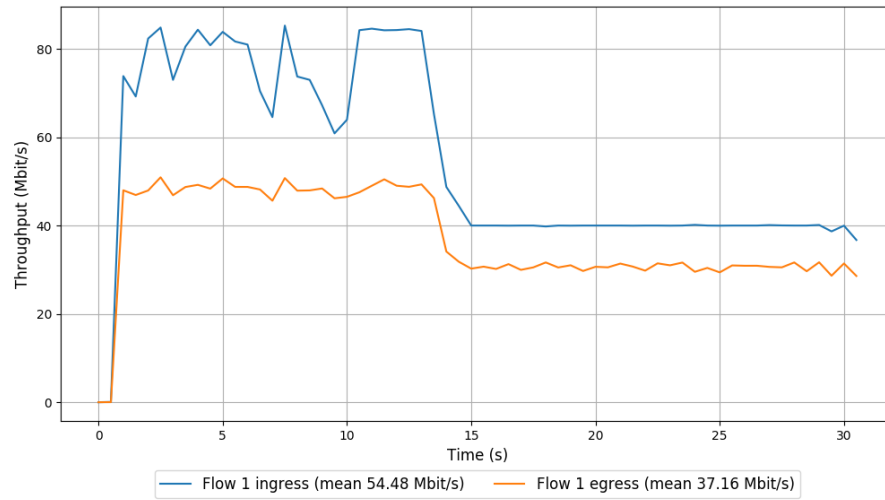
-- Flow 1:

Average throughput: 37.16 Mbit/s

95th percentile per-packet one-way delay: 17.752 ms

Loss rate: 31.81%

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



Run 8: Statistics of TaoVA-100x

Start at: Fri, 23 Jun 2017 22:34:02 +0000

End at: Fri, 23 Jun 2017 22:34:32 +0000

Local clock offset: -2.879 ms

Remote clock offset: -0.674 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:23:26 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 38.55 Mbit/s

95th percentile per-packet one-way delay: 15.706 ms

Loss rate: 23.54%

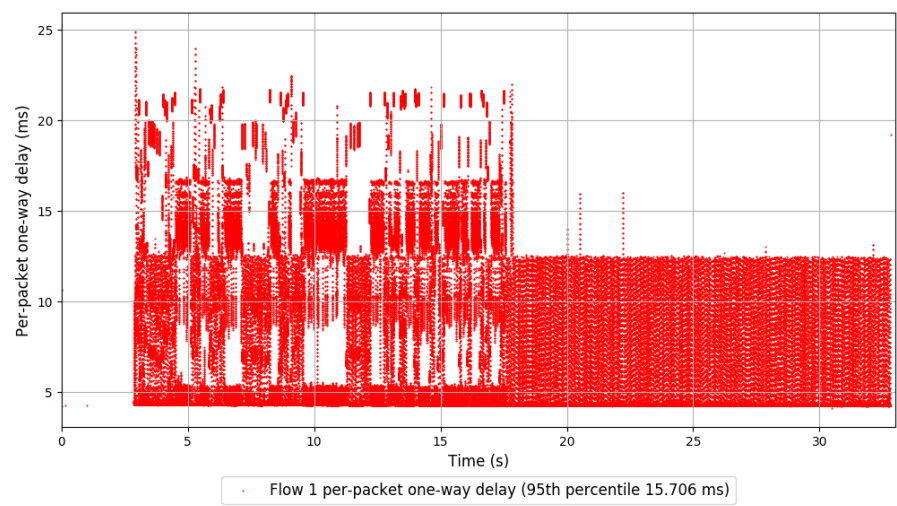
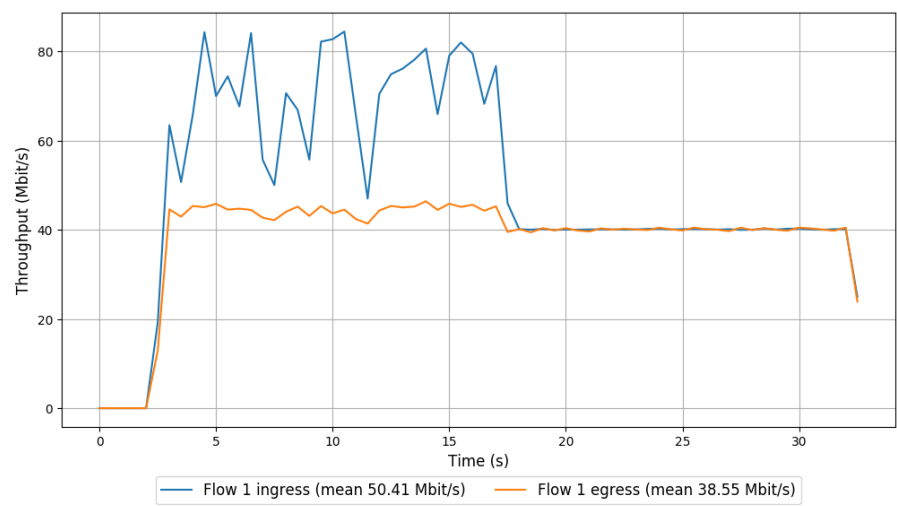
-- Flow 1:

Average throughput: 38.55 Mbit/s

95th percentile per-packet one-way delay: 15.706 ms

Loss rate: 23.54%

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



Run 9: Statistics of TaoVA-100x

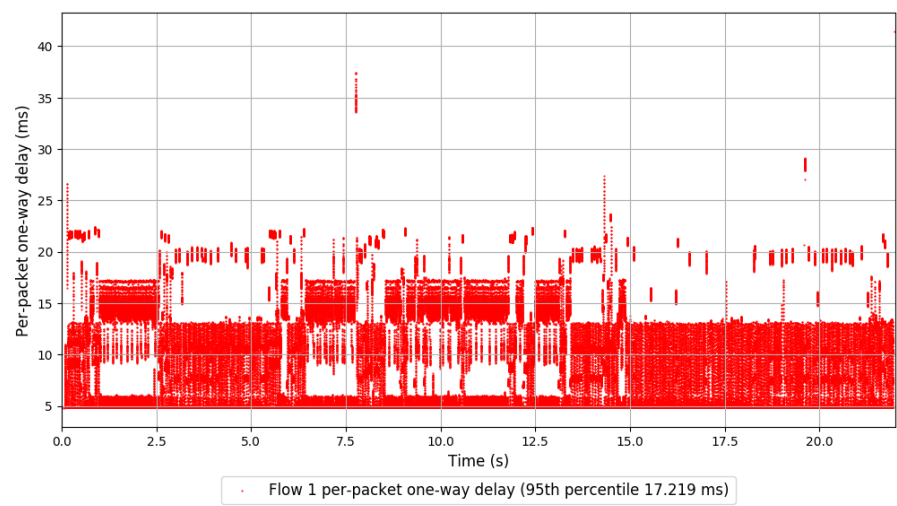
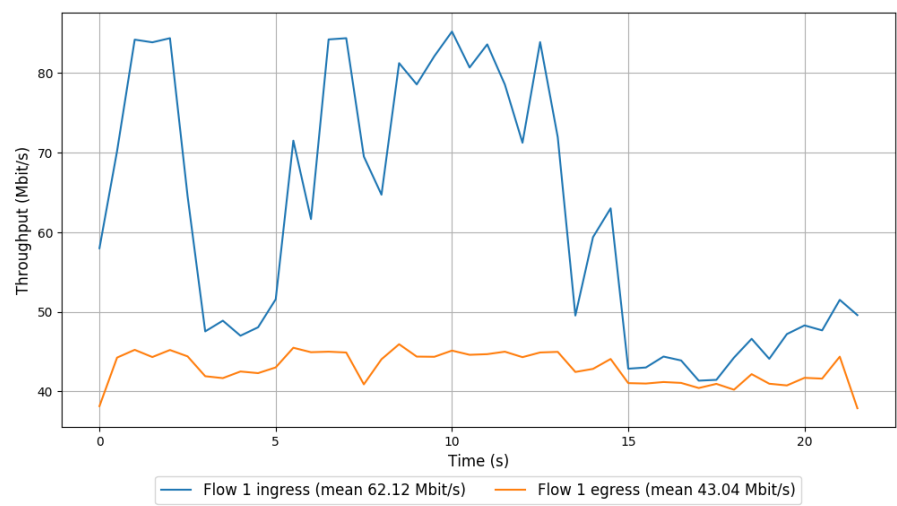
Start at: Fri, 23 Jun 2017 22:52:37 +0000

End at: Fri, 23 Jun 2017 22:53:07 +0000

Local clock offset: -3.484 ms

Remote clock offset: -0.853 ms

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



Run 10: Statistics of TaoVA-100x

Start at: Fri, 23 Jun 2017 23:10:40 +0000

End at: Fri, 23 Jun 2017 23:11:10 +0000

Local clock offset: -2.744 ms

Remote clock offset: -0.84 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:24:15 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 47.80 Mbit/s

95th percentile per-packet one-way delay: 16.106 ms

Loss rate: 33.51%

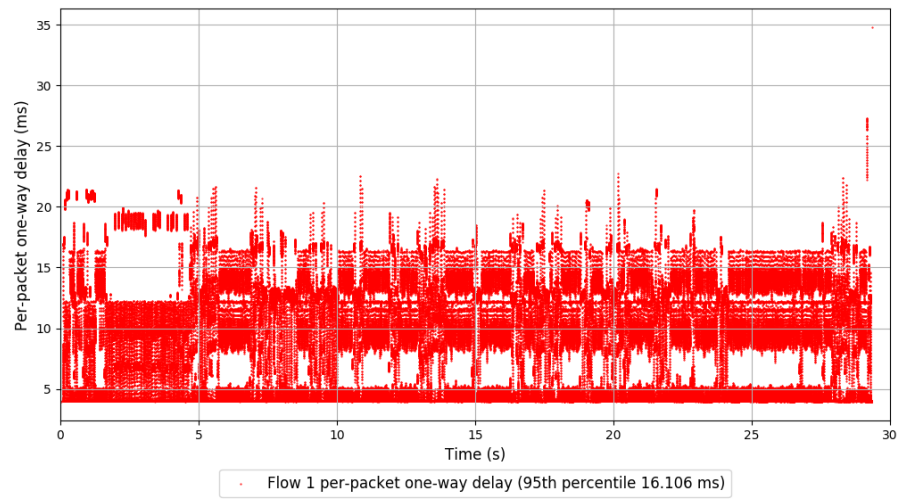
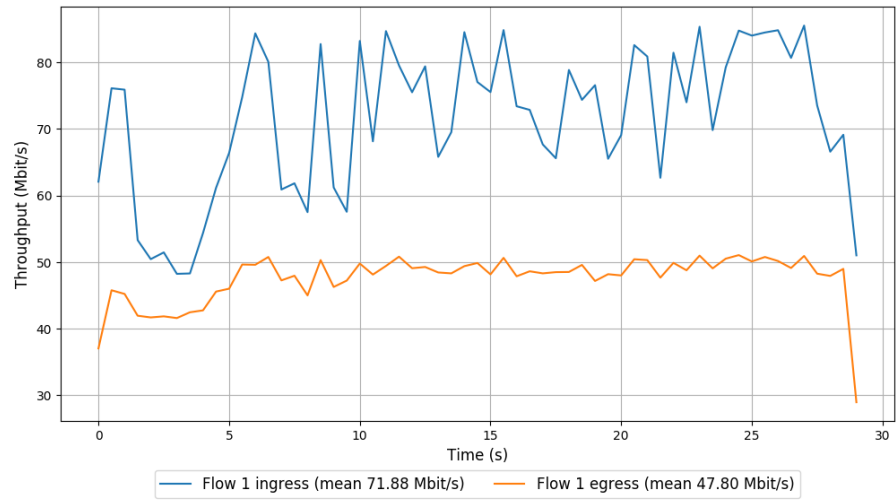
-- Flow 1:

Average throughput: 47.80 Mbit/s

95th percentile per-packet one-way delay: 16.106 ms

Loss rate: 33.51%

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



Run 1: Statistics of TCP Vegas

Start at: Fri, 23 Jun 2017 20:29:58 +0000

End at: Fri, 23 Jun 2017 20:30:28 +0000

Local clock offset: -2.993 ms

Remote clock offset: -0.054 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:24:15 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 51.43 Mbit/s

95th percentile per-packet one-way delay: 15.293 ms

Loss rate: 0.13%

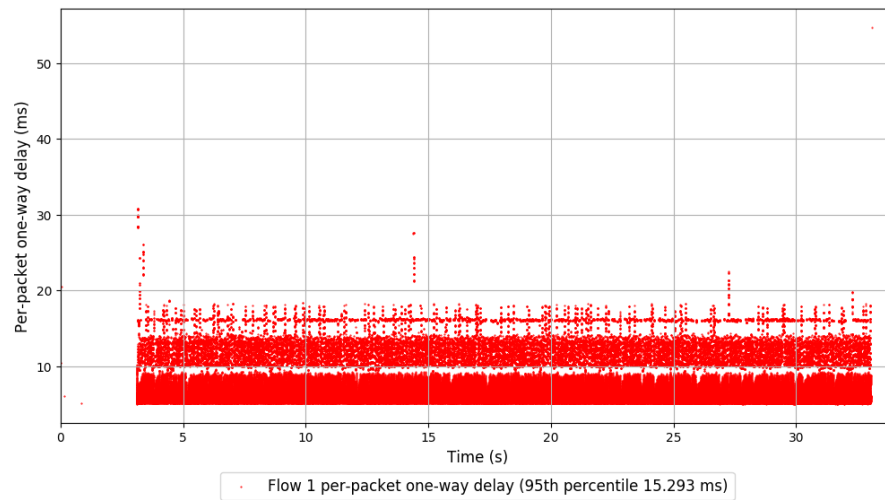
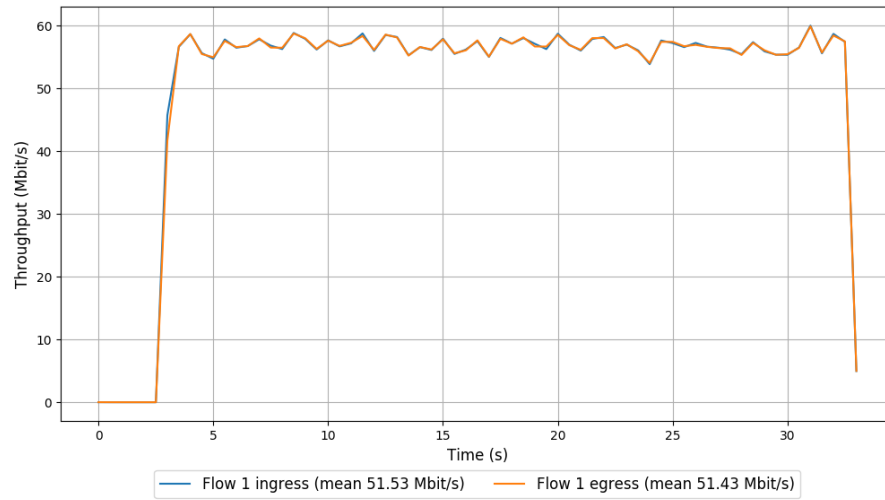
-- Flow 1:

Average throughput: 51.43 Mbit/s

95th percentile per-packet one-way delay: 15.293 ms

Loss rate: 0.13%

Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: Fri, 23 Jun 2017 20:48:27 +0000

End at: Fri, 23 Jun 2017 20:48:57 +0000

Local clock offset: -2.079 ms

Remote clock offset: 0.025 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:24:34 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 29.43 Mbit/s

95th percentile per-packet one-way delay: 20.122 ms

Loss rate: 0.06%

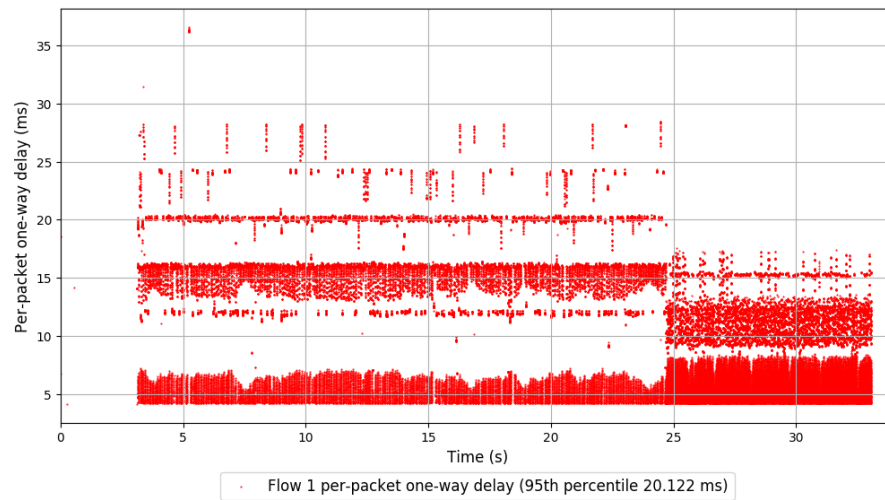
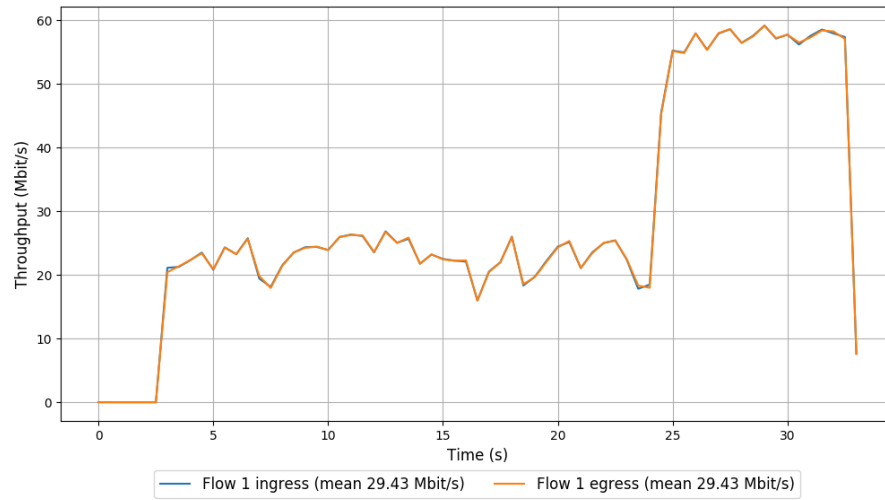
-- Flow 1:

Average throughput: 29.43 Mbit/s

95th percentile per-packet one-way delay: 20.122 ms

Loss rate: 0.06%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: Fri, 23 Jun 2017 21:07:22 +0000

End at: Fri, 23 Jun 2017 21:07:52 +0000

Local clock offset: -4.053 ms

Remote clock offset: -0.08 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:24:41 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 44.31 Mbit/s

95th percentile per-packet one-way delay: 17.517 ms

Loss rate: 0.07%

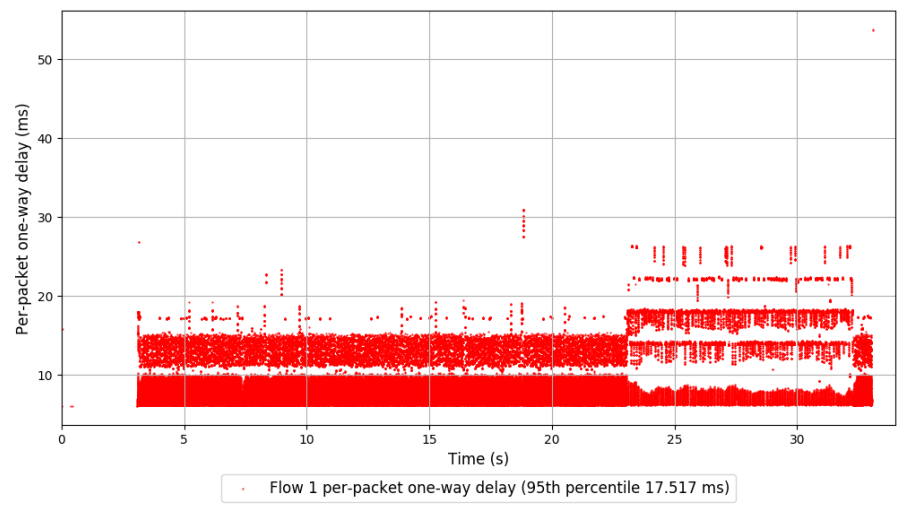
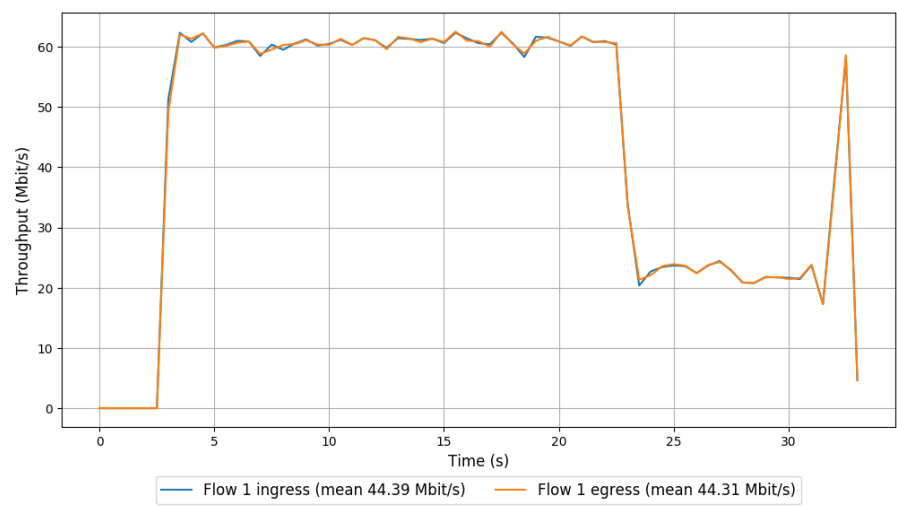
-- Flow 1:

Average throughput: 44.31 Mbit/s

95th percentile per-packet one-way delay: 17.517 ms

Loss rate: 0.07%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: Fri, 23 Jun 2017 21:25:27 +0000

End at: Fri, 23 Jun 2017 21:25:57 +0000

Local clock offset: -3.599 ms

Remote clock offset: -0.079 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:25:06 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 54.38 Mbit/s

95th percentile per-packet one-way delay: 14.113 ms

Loss rate: 0.10%

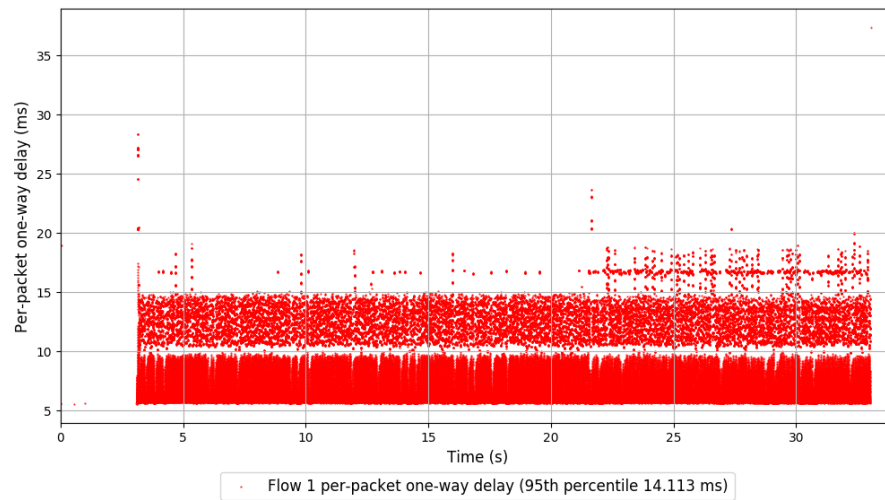
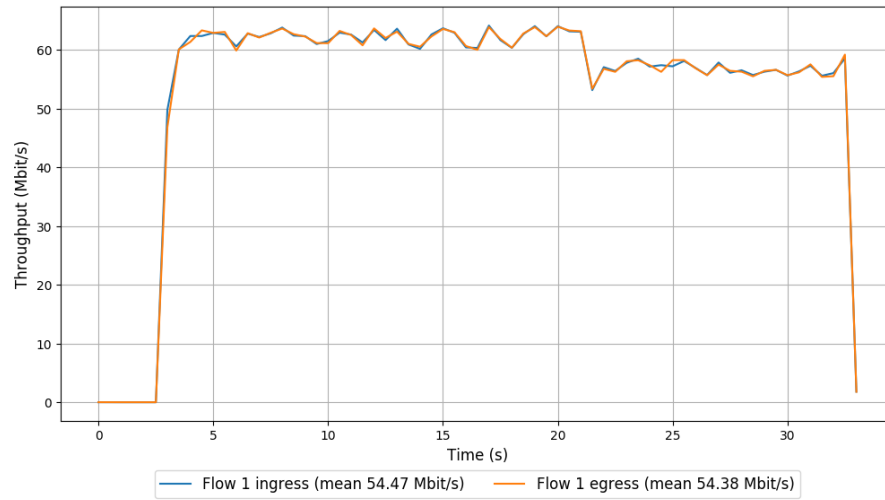
-- Flow 1:

Average throughput: 54.38 Mbit/s

95th percentile per-packet one-way delay: 14.113 ms

Loss rate: 0.10%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: Fri, 23 Jun 2017 21:43:41 +0000

End at: Fri, 23 Jun 2017 21:44:11 +0000

Local clock offset: -1.064 ms

Remote clock offset: -0.171 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:25:10 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 46.28 Mbit/s

95th percentile per-packet one-way delay: 14.208 ms

Loss rate: 0.05%

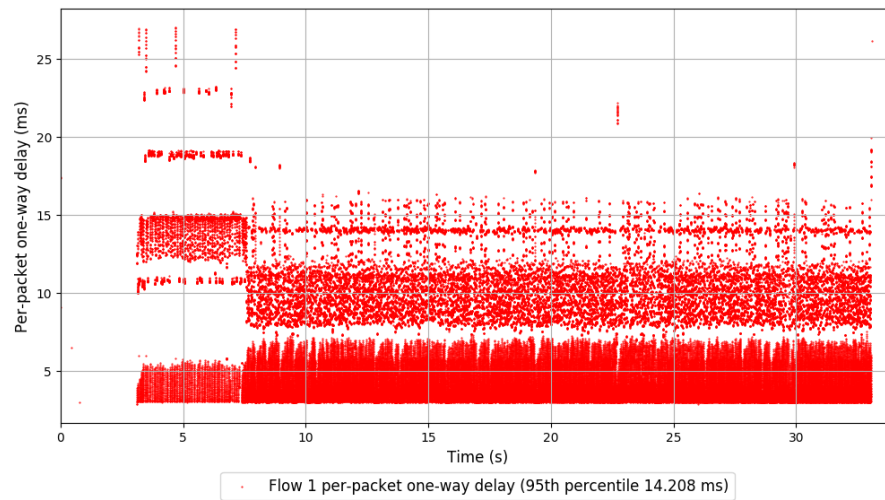
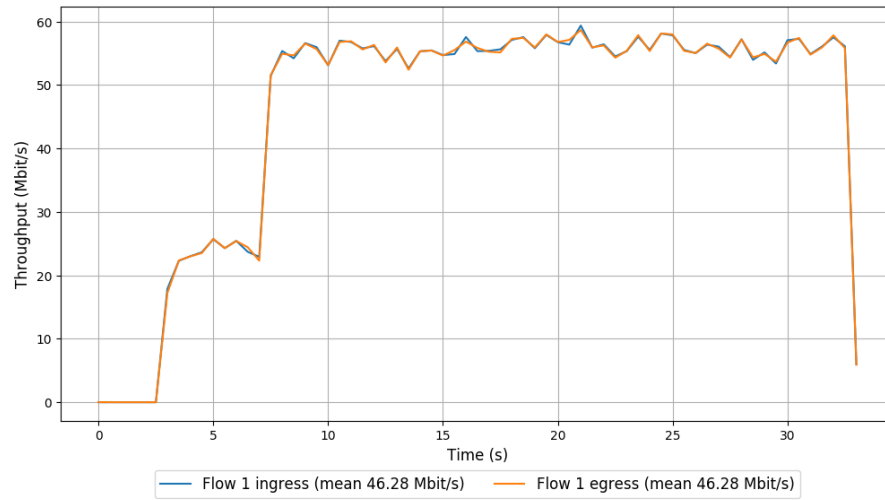
-- Flow 1:

Average throughput: 46.28 Mbit/s

95th percentile per-packet one-way delay: 14.208 ms

Loss rate: 0.05%

Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: Fri, 23 Jun 2017 22:01:52 +0000

End at: Fri, 23 Jun 2017 22:02:22 +0000

Local clock offset: -0.188 ms

Remote clock offset: -0.292 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:25:41 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 56.43 Mbit/s

95th percentile per-packet one-way delay: 10.223 ms

Loss rate: 0.11%

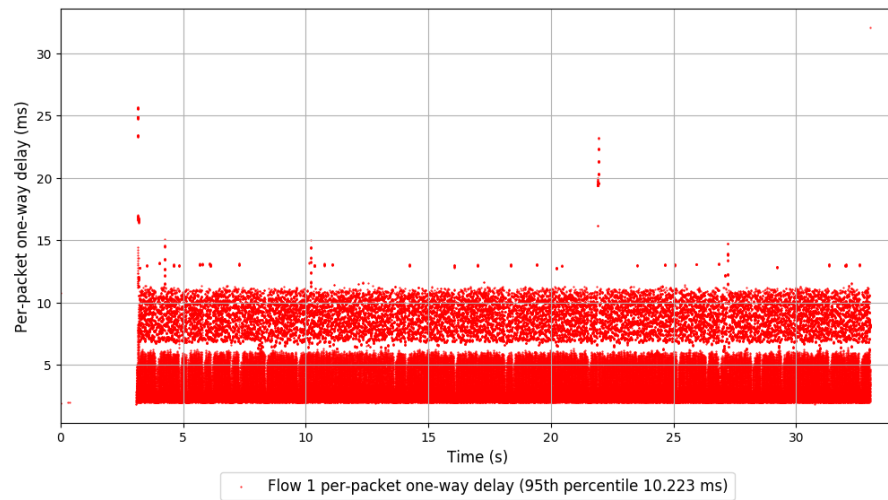
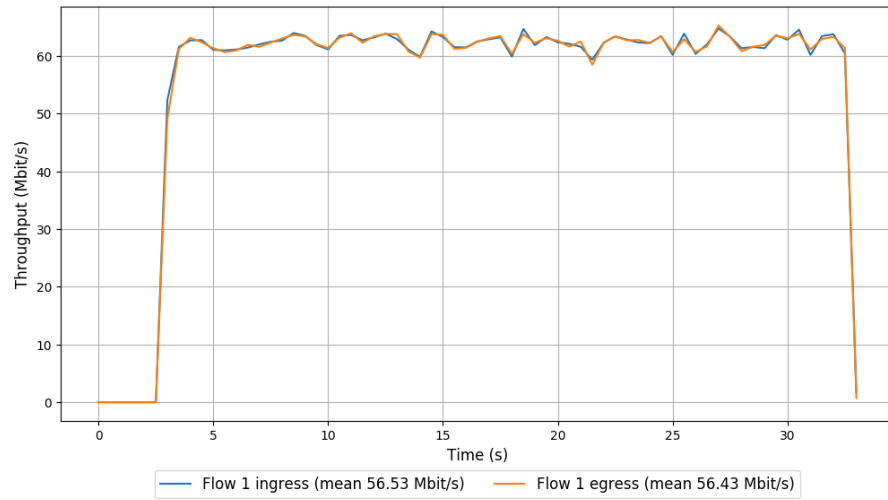
-- Flow 1:

Average throughput: 56.43 Mbit/s

95th percentile per-packet one-way delay: 10.223 ms

Loss rate: 0.11%

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: Fri, 23 Jun 2017 22:19:46 +0000

End at: Fri, 23 Jun 2017 22:20:16 +0000

Local clock offset: -3.888 ms

Remote clock offset: -0.528 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:25:43 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 55.19 Mbit/s

95th percentile per-packet one-way delay: 13.906 ms

Loss rate: 0.06%

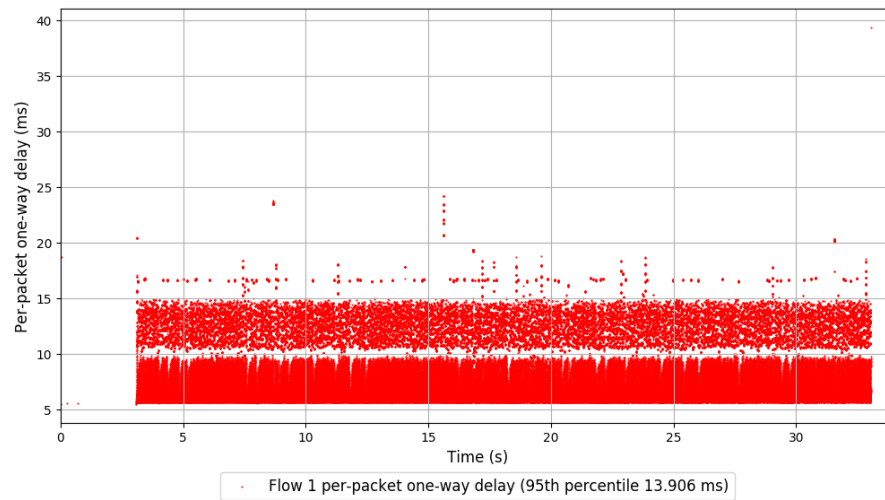
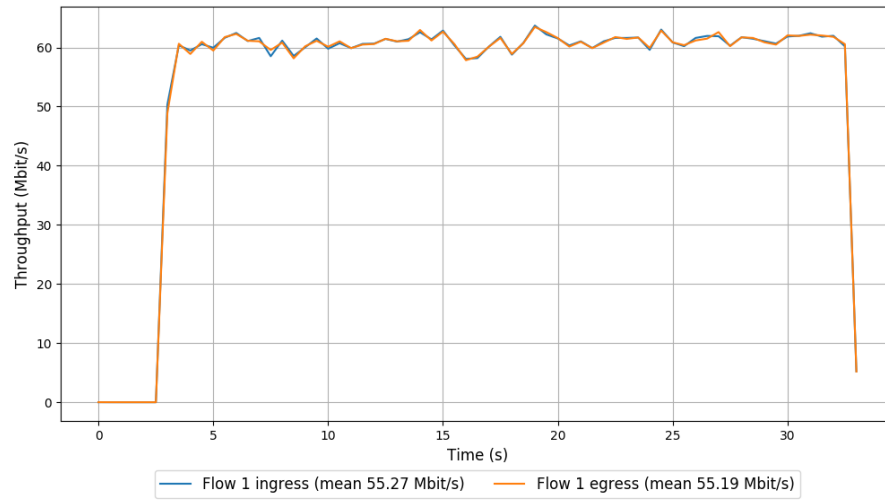
-- Flow 1:

Average throughput: 55.19 Mbit/s

95th percentile per-packet one-way delay: 13.906 ms

Loss rate: 0.06%

Run 7: Report of TCP Vegas — Data Link



Run 8: Statistics of TCP Vegas

Start at: Fri, 23 Jun 2017 22:38:07 +0000

End at: Fri, 23 Jun 2017 22:38:37 +0000

Local clock offset: -2.378 ms

Remote clock offset: -0.629 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:25:50 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 6.32 Mbit/s

95th percentile per-packet one-way delay: 6.010 ms

Loss rate: 0.35%

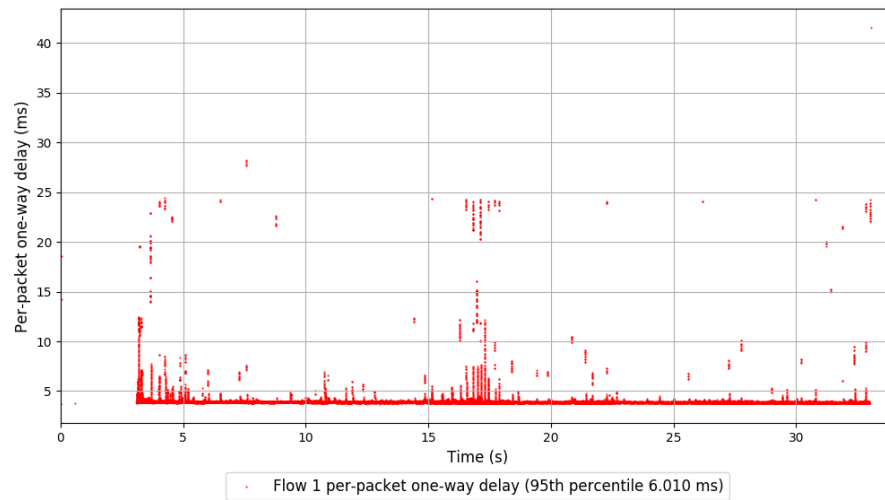
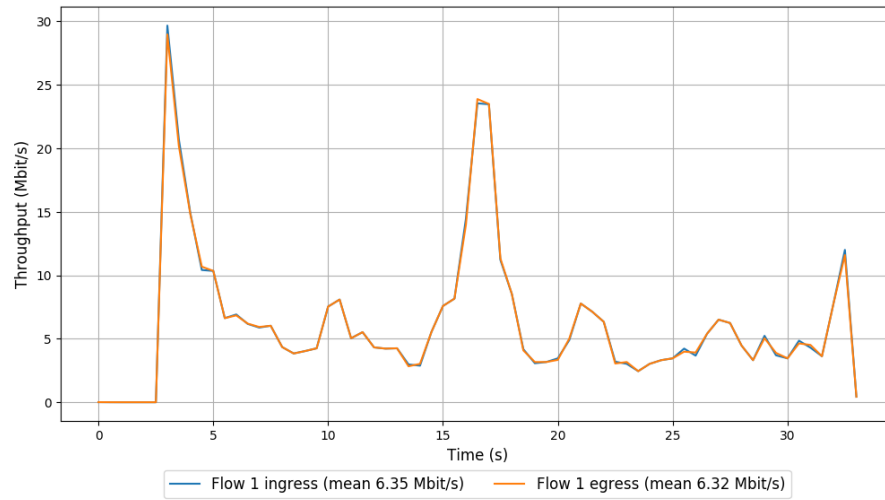
-- Flow 1:

Average throughput: 6.32 Mbit/s

95th percentile per-packet one-way delay: 6.010 ms

Loss rate: 0.35%

Run 8: Report of TCP Vegas — Data Link



Run 9: Statistics of TCP Vegas

Start at: Fri, 23 Jun 2017 22:56:16 +0000

End at: Fri, 23 Jun 2017 22:56:46 +0000

Local clock offset: -3.487 ms

Remote clock offset: -0.857 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:26:11 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 53.19 Mbit/s

95th percentile per-packet one-way delay: 13.173 ms

Loss rate: 0.08%

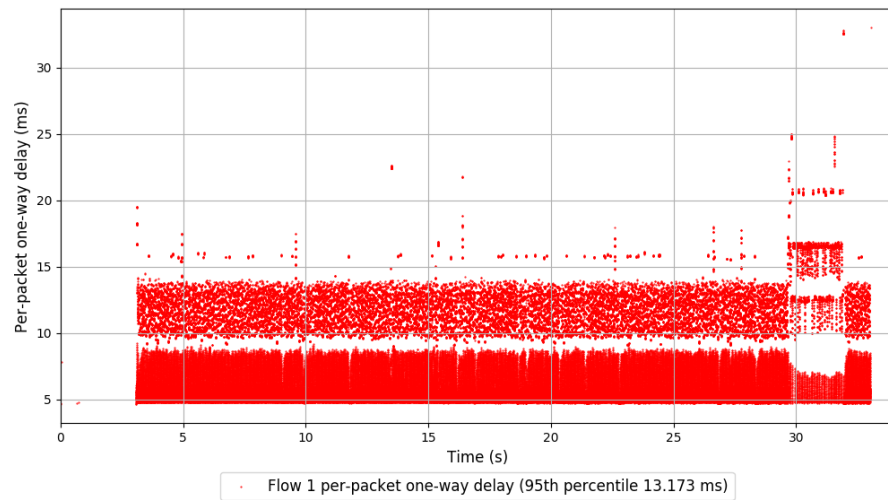
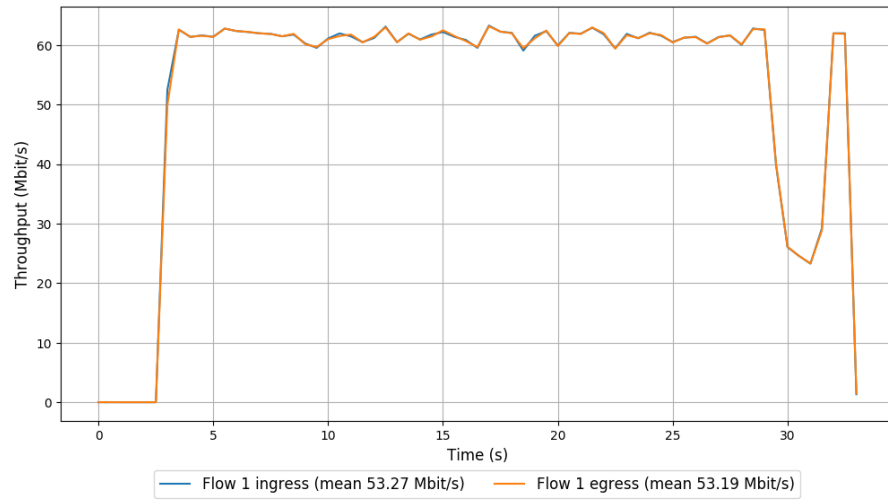
-- Flow 1:

Average throughput: 53.19 Mbit/s

95th percentile per-packet one-way delay: 13.173 ms

Loss rate: 0.08%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: Fri, 23 Jun 2017 23:14:45 +0000

End at: Fri, 23 Jun 2017 23:15:15 +0000

Local clock offset: -2.616 ms

Remote clock offset: -0.878 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:26:17 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 56.15 Mbit/s

95th percentile per-packet one-way delay: 12.054 ms

Loss rate: 0.07%

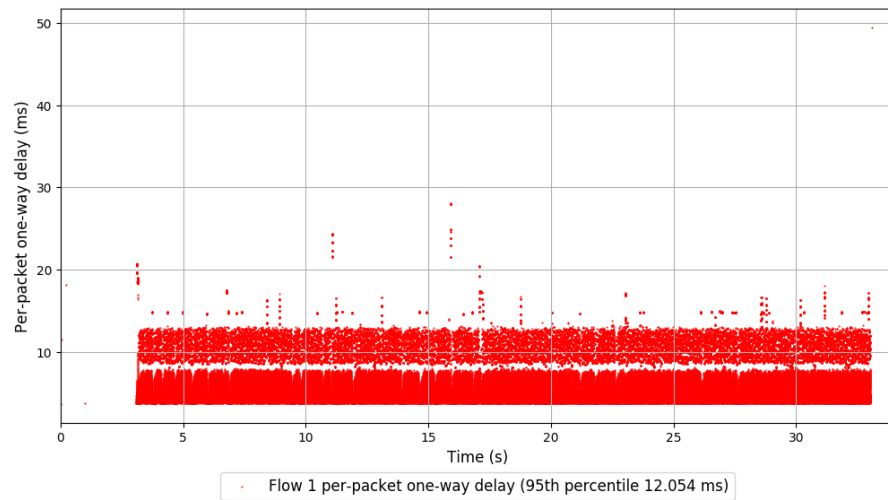
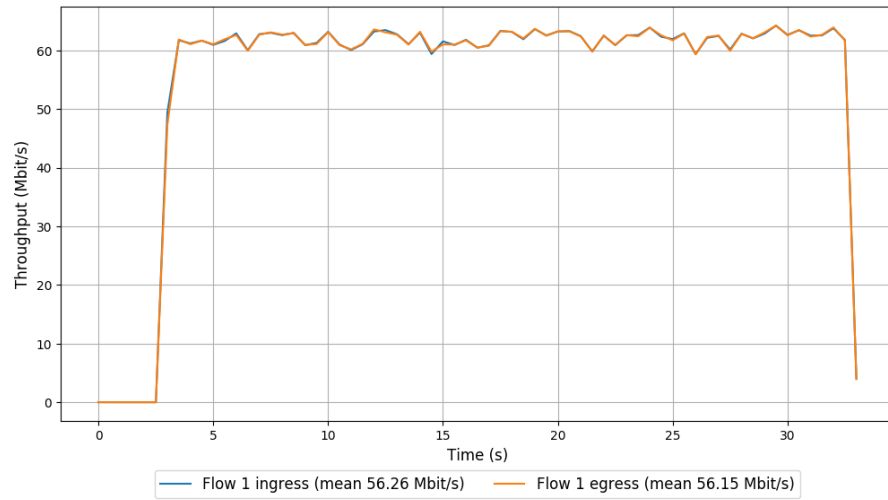
-- Flow 1:

Average throughput: 56.15 Mbit/s

95th percentile per-packet one-way delay: 12.054 ms

Loss rate: 0.07%

Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: Fri, 23 Jun 2017 20:37:14 +0000

End at: Fri, 23 Jun 2017 20:37:44 +0000

Local clock offset: -2.479 ms

Remote clock offset: 0.038 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:26:28 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 19.09 Mbit/s

95th percentile per-packet one-way delay: 23.798 ms

Loss rate: 25.00%

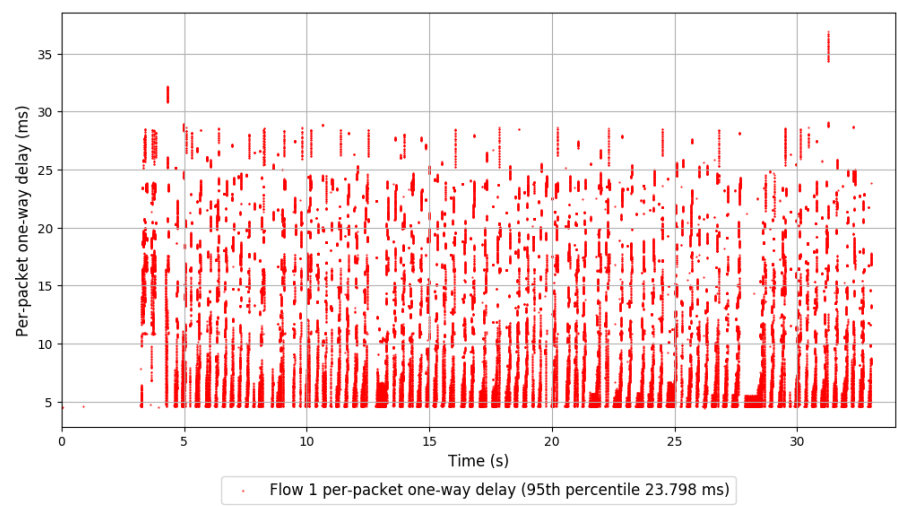
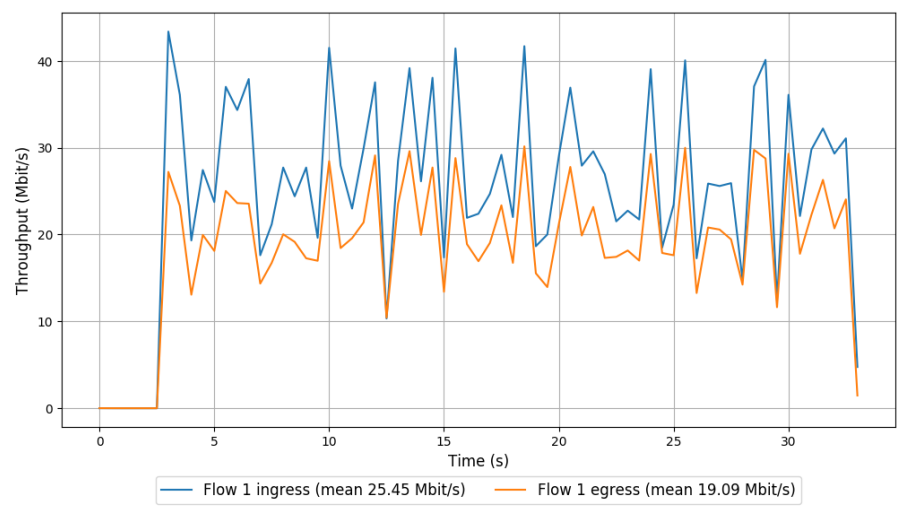
-- Flow 1:

Average throughput: 19.09 Mbit/s

95th percentile per-packet one-way delay: 23.798 ms

Loss rate: 25.00%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: Fri, 23 Jun 2017 20:55:50 +0000

End at: Fri, 23 Jun 2017 20:56:20 +0000

Local clock offset: -1.818 ms

Remote clock offset: 0.012 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:26:30 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 17.23 Mbit/s

95th percentile per-packet one-way delay: 24.865 ms

Loss rate: 29.04%

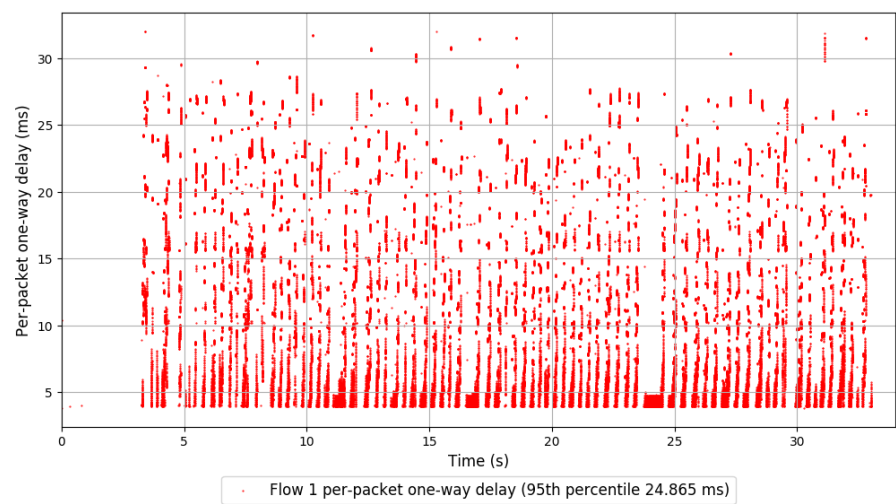
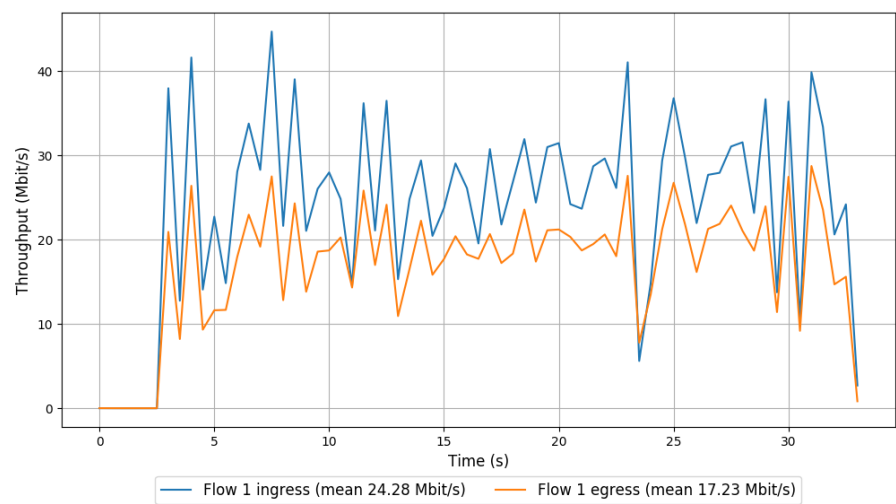
-- Flow 1:

Average throughput: 17.23 Mbit/s

95th percentile per-packet one-way delay: 24.865 ms

Loss rate: 29.04%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: Fri, 23 Jun 2017 21:14:33 +0000

End at: Fri, 23 Jun 2017 21:15:03 +0000

Local clock offset: -4.252 ms

Remote clock offset: -0.098 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:26:41 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 17.37 Mbit/s

95th percentile per-packet one-way delay: 26.043 ms

Loss rate: 26.85%

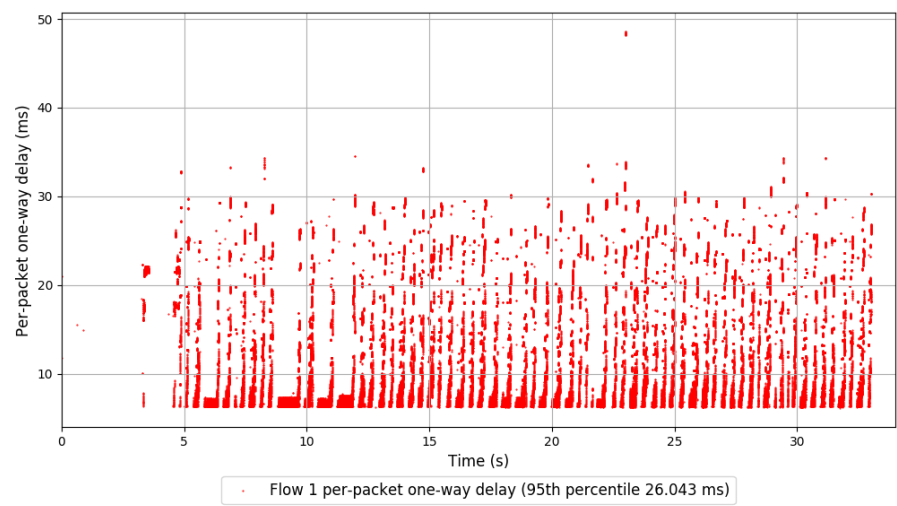
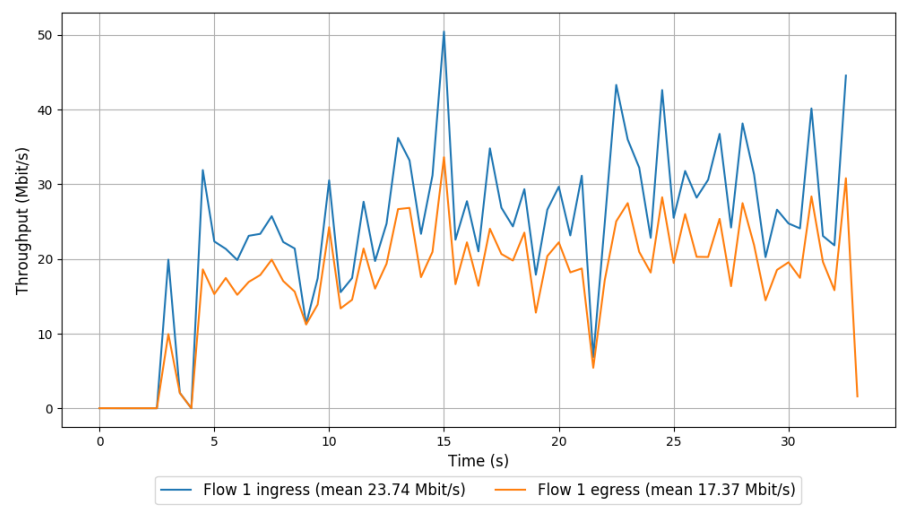
-- Flow 1:

Average throughput: 17.37 Mbit/s

95th percentile per-packet one-way delay: 26.043 ms

Loss rate: 26.85%

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: Fri, 23 Jun 2017 21:32:47 +0000

End at: Fri, 23 Jun 2017 21:33:17 +0000

Local clock offset: -2.941 ms

Remote clock offset: -0.147 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:26:43 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 16.99 Mbit/s

95th percentile per-packet one-way delay: 25.426 ms

Loss rate: 27.90%

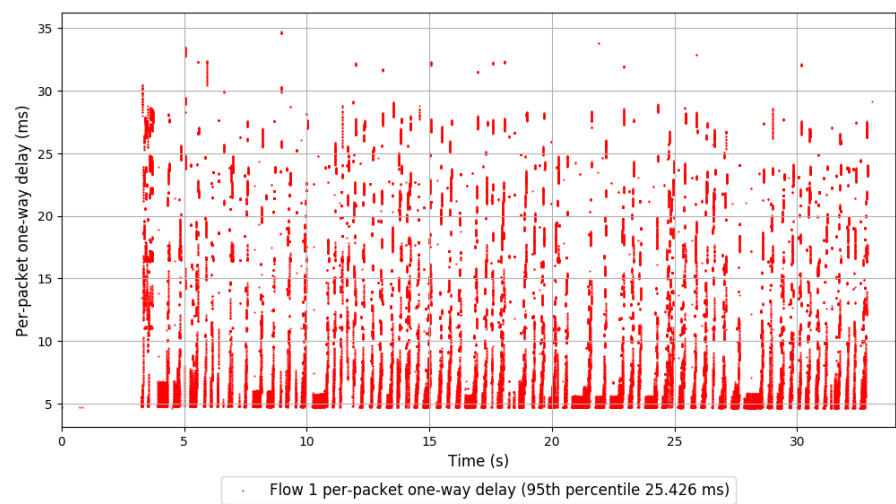
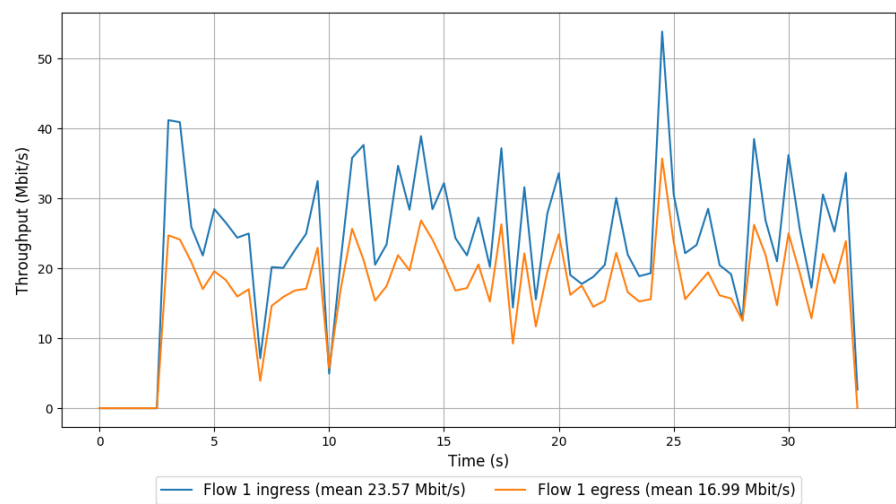
-- Flow 1:

Average throughput: 16.99 Mbit/s

95th percentile per-packet one-way delay: 25.426 ms

Loss rate: 27.90%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: Fri, 23 Jun 2017 21:50:51 +0000

End at: Fri, 23 Jun 2017 21:51:21 +0000

Local clock offset: -0.645 ms

Remote clock offset: -0.201 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:26:56 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 21.66 Mbit/s

95th percentile per-packet one-way delay: 21.264 ms

Loss rate: 27.18%

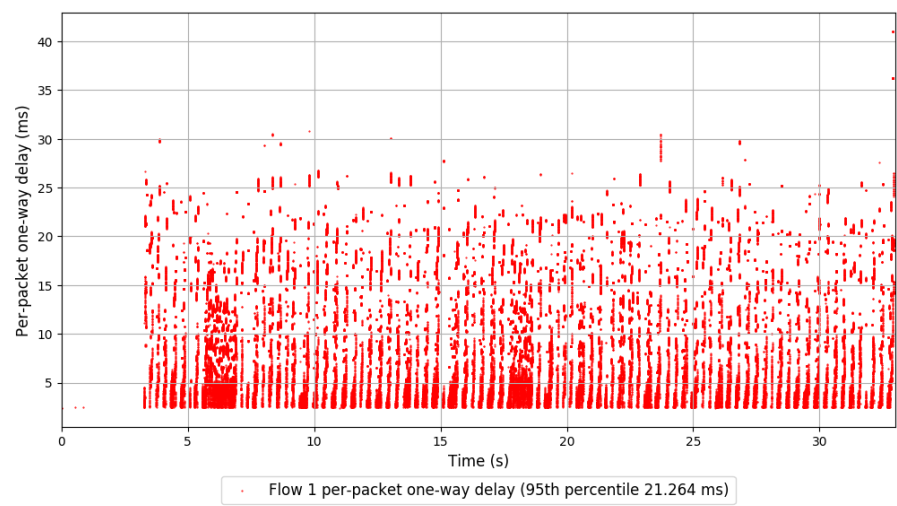
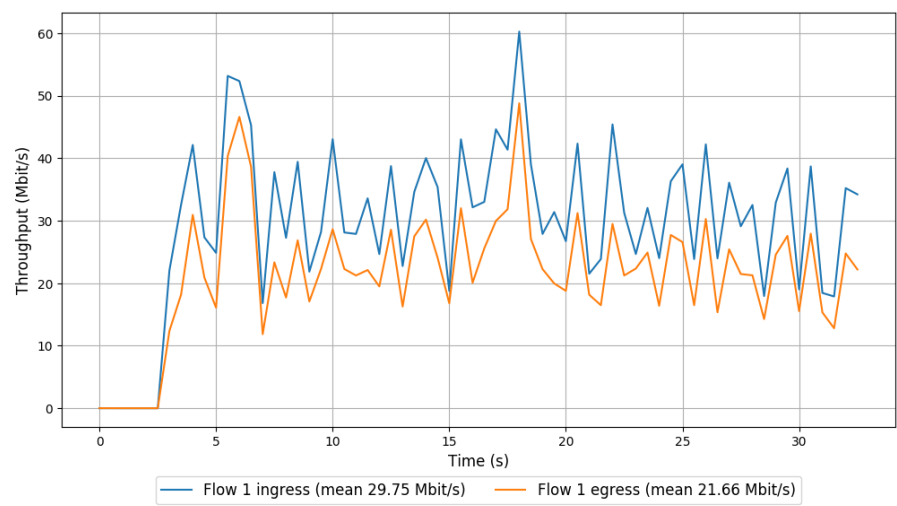
-- Flow 1:

Average throughput: 21.66 Mbit/s

95th percentile per-packet one-way delay: 21.264 ms

Loss rate: 27.18%

Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: Fri, 23 Jun 2017 22:09:08 +0000

End at: Fri, 23 Jun 2017 22:09:38 +0000

Local clock offset: -1.746 ms

Remote clock offset: -0.388 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:26:56 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 14.85 Mbit/s

95th percentile per-packet one-way delay: 26.146 ms

Loss rate: 32.16%

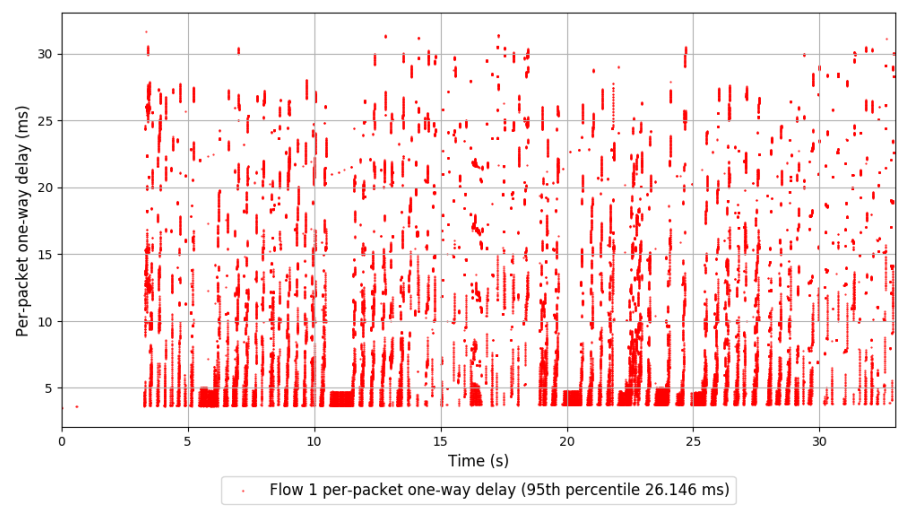
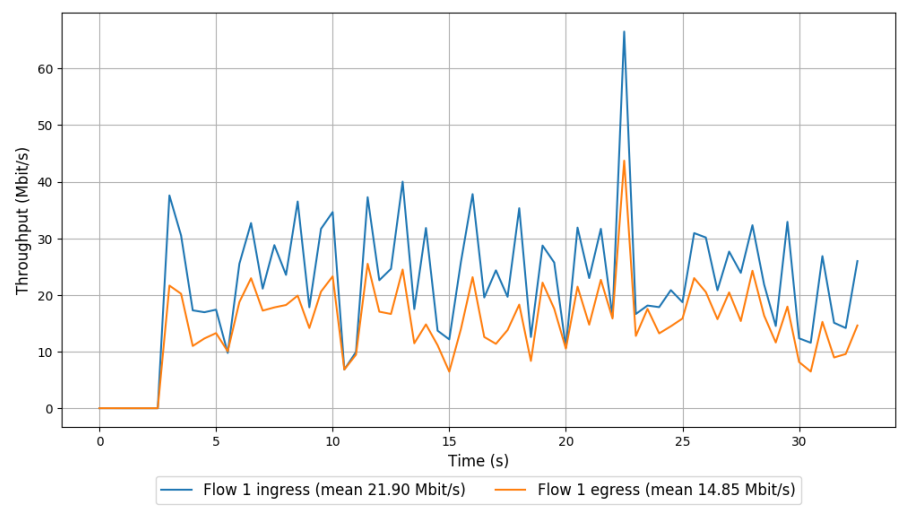
-- Flow 1:

Average throughput: 14.85 Mbit/s

95th percentile per-packet one-way delay: 26.146 ms

Loss rate: 32.16%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: Fri, 23 Jun 2017 22:26:53 +0000

End at: Fri, 23 Jun 2017 22:27:23 +0000

Local clock offset: -3.604 ms

Remote clock offset: -0.529 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:27:09 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 17.32 Mbit/s

95th percentile per-packet one-way delay: 24.761 ms

Loss rate: 25.82%

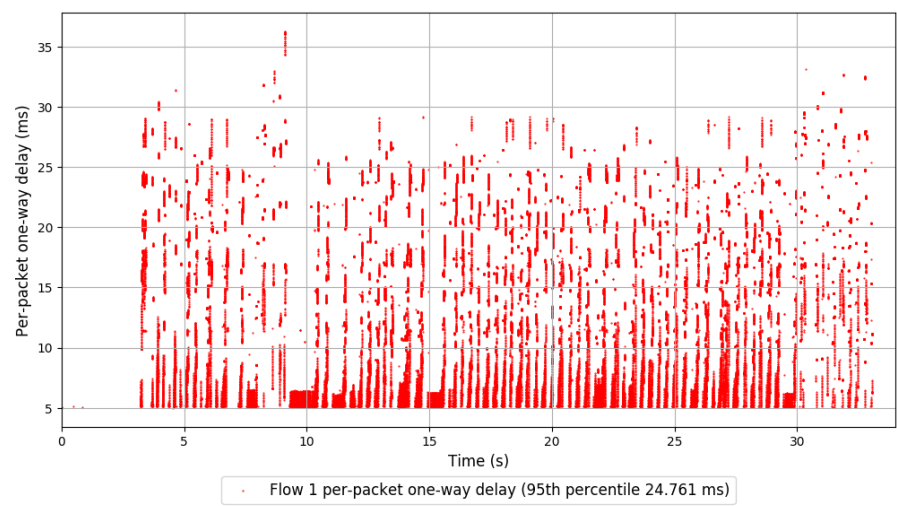
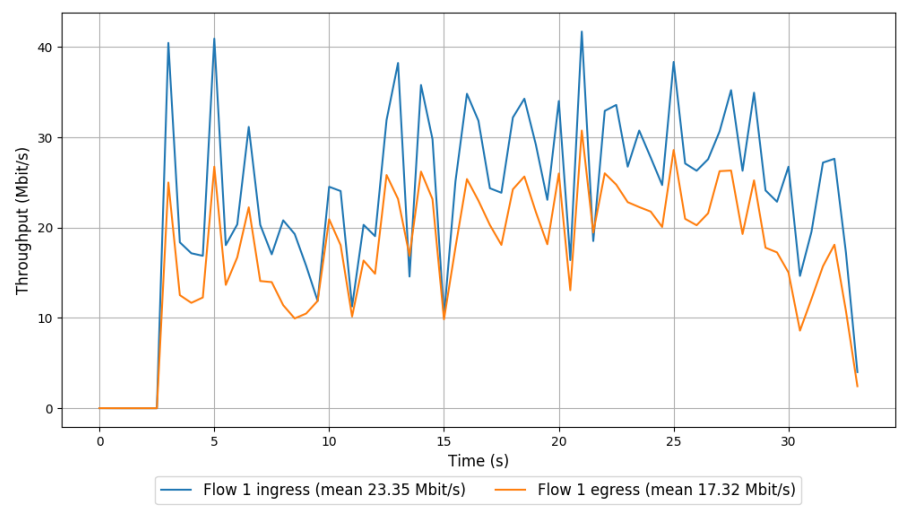
-- Flow 1:

Average throughput: 17.32 Mbit/s

95th percentile per-packet one-way delay: 24.761 ms

Loss rate: 25.82%

Run 7: Report of Verus — Data Link



Run 8: Statistics of Verus

Start at: Fri, 23 Jun 2017 22:45:11 +0000

End at: Fri, 23 Jun 2017 22:45:41 +0000

Local clock offset: -2.96 ms

Remote clock offset: -0.686 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:27:11 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 19.07 Mbit/s

95th percentile per-packet one-way delay: 23.646 ms

Loss rate: 23.81%

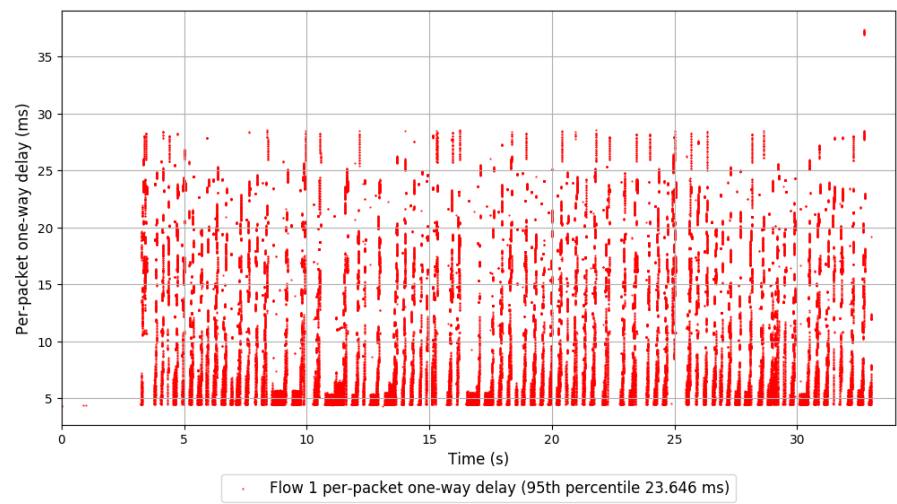
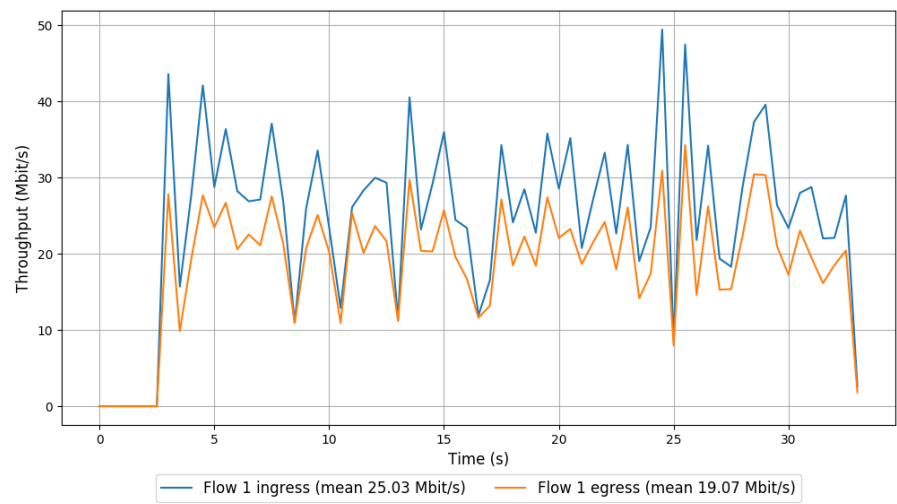
-- Flow 1:

Average throughput: 19.07 Mbit/s

95th percentile per-packet one-way delay: 23.646 ms

Loss rate: 23.81%

Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

Start at: Fri, 23 Jun 2017 23:03:32 +0000

End at: Fri, 23 Jun 2017 23:04:02 +0000

Local clock offset: -3.059 ms

Remote clock offset: -0.897 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:27:23 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 15.22 Mbit/s

95th percentile per-packet one-way delay: 25.750 ms

Loss rate: 29.16%

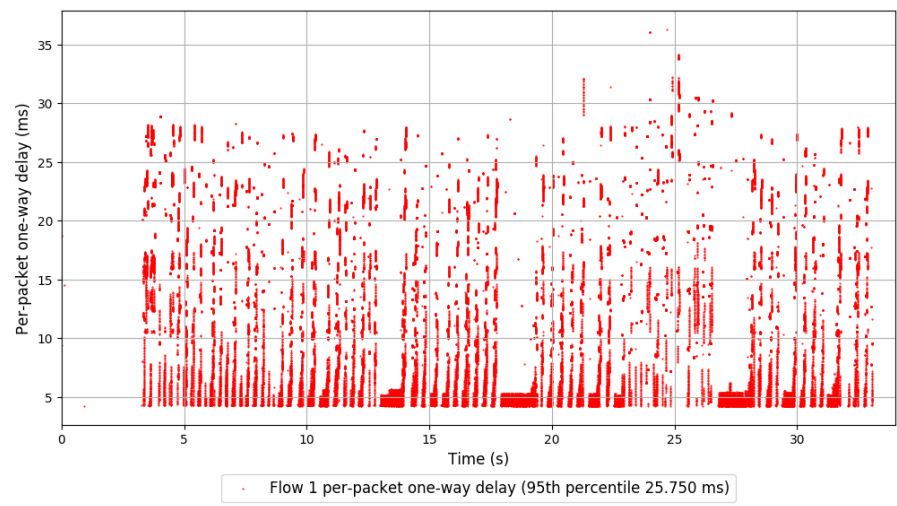
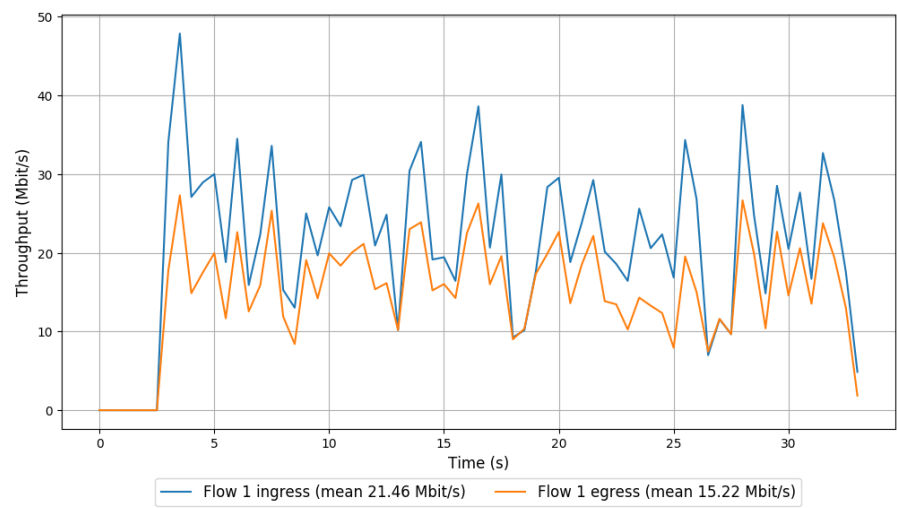
-- Flow 1:

Average throughput: 15.22 Mbit/s

95th percentile per-packet one-way delay: 25.750 ms

Loss rate: 29.16%

Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

Start at: Fri, 23 Jun 2017 23:22:01 +0000

End at: Fri, 23 Jun 2017 23:22:31 +0000

Local clock offset: -2.208 ms

Remote clock offset: -0.861 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:27:23 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 14.36 Mbit/s

95th percentile per-packet one-way delay: 26.917 ms

Loss rate: 34.22%

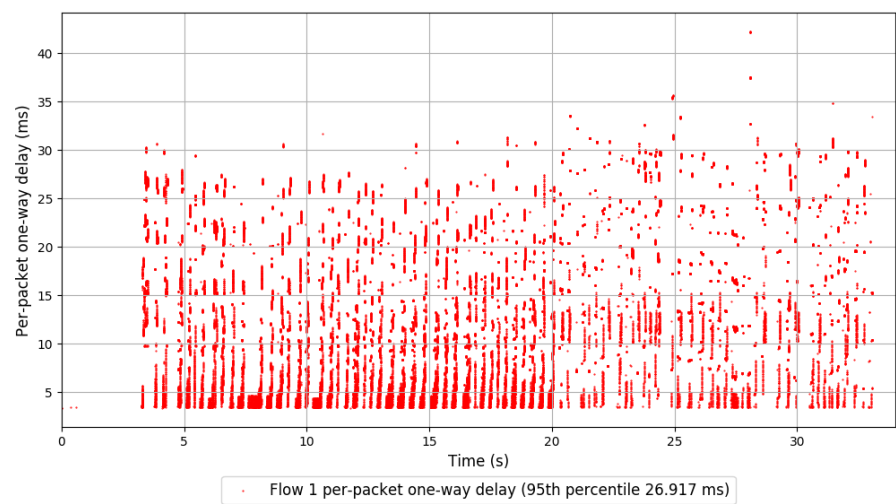
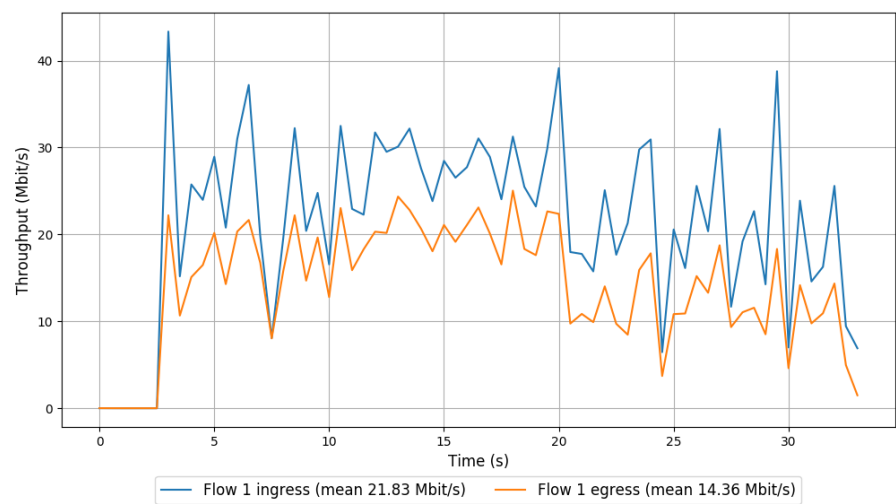
-- Flow 1:

Average throughput: 14.36 Mbit/s

95th percentile per-packet one-way delay: 26.917 ms

Loss rate: 34.22%

Run 10: Report of Verus — Data Link



Run 1: Statistics of WebRTC media

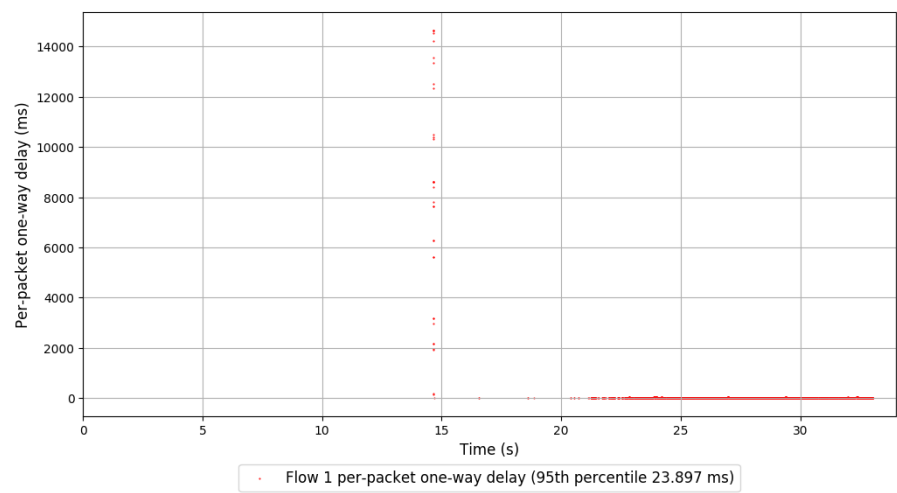
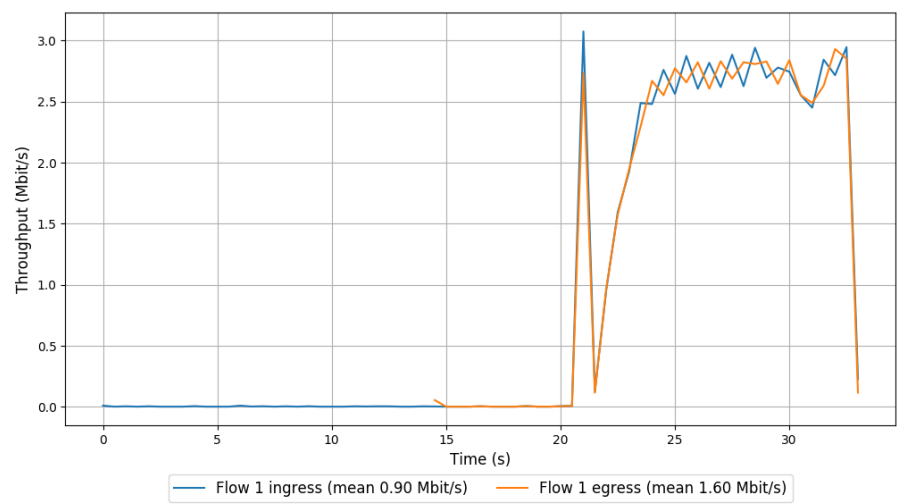
Start at: Fri, 23 Jun 2017 20:22:21 +0000

End at: Fri, 23 Jun 2017 20:22:51 +0000

Local clock offset: -4.01 ms

Remote clock offset: 0.083 ms

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: Fri, 23 Jun 2017 20:41:04 +0000

End at: Fri, 23 Jun 2017 20:41:34 +0000

Local clock offset: -2.338 ms

Remote clock offset: 0.014 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:27:29 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 1.66 Mbit/s

95th percentile per-packet one-way delay: 25.436 ms

Loss rate: 0.29%

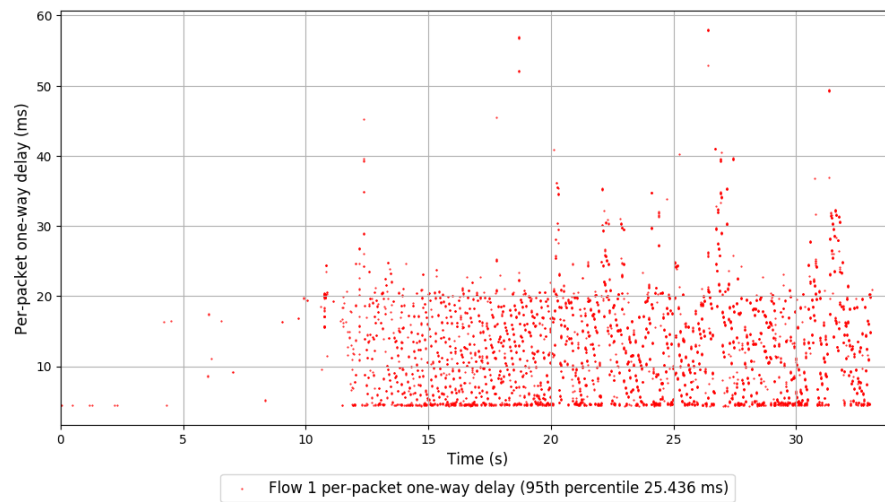
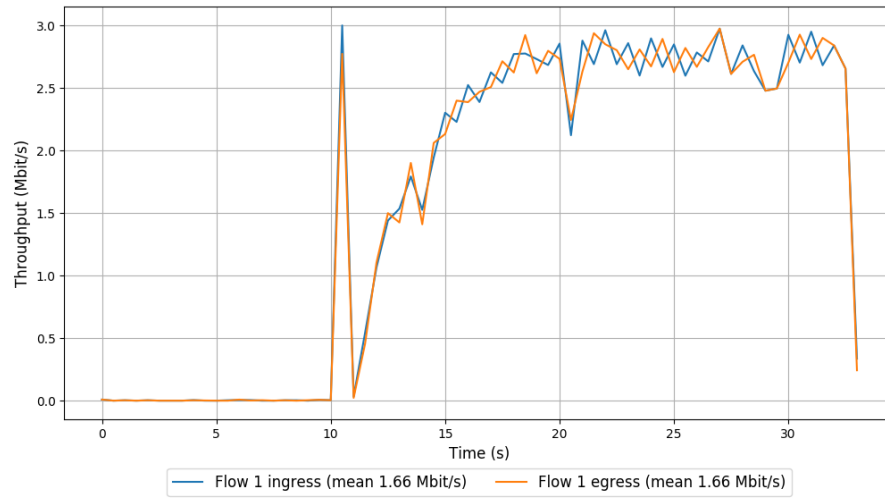
-- Flow 1:

Average throughput: 1.66 Mbit/s

95th percentile per-packet one-way delay: 25.436 ms

Loss rate: 0.29%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: Fri, 23 Jun 2017 20:59:41 +0000

End at: Fri, 23 Jun 2017 21:00:11 +0000

Local clock offset: -2.613 ms

Remote clock offset: 0.008 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:27:35 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 1.68 Mbit/s

95th percentile per-packet one-way delay: 27.614 ms

Loss rate: 0.36%

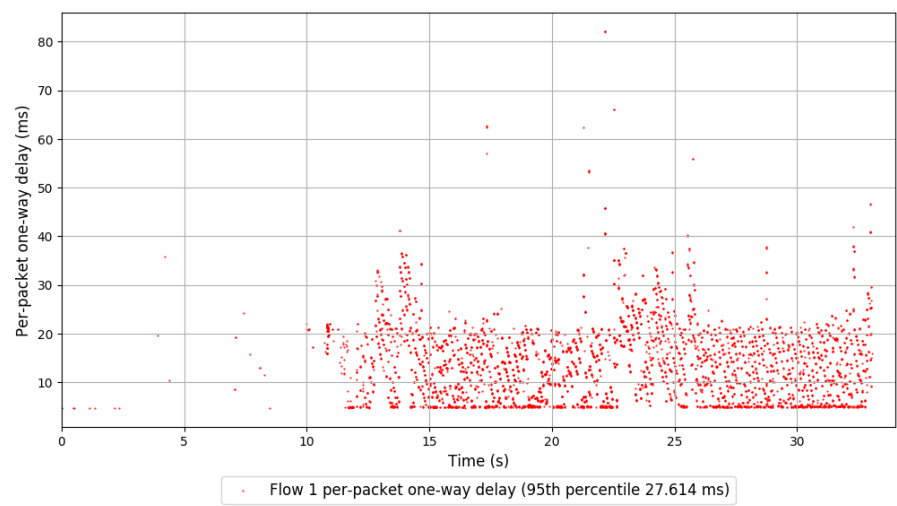
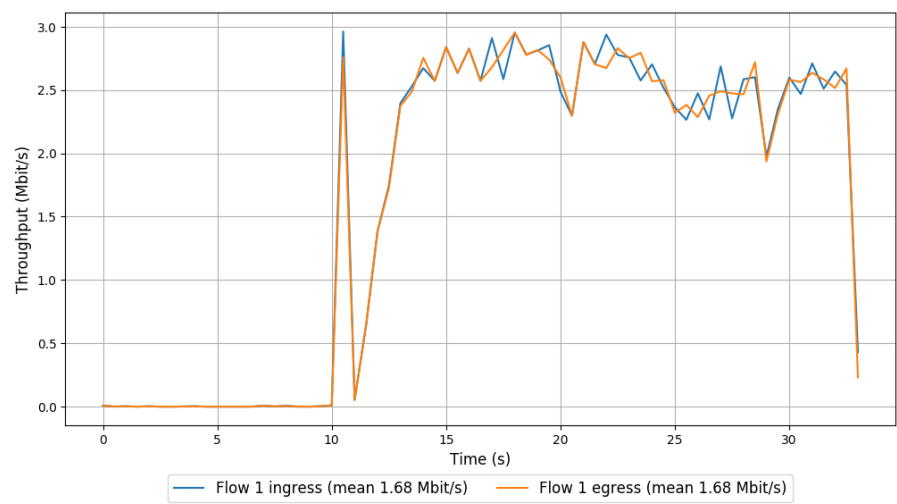
-- Flow 1:

Average throughput: 1.68 Mbit/s

95th percentile per-packet one-way delay: 27.614 ms

Loss rate: 0.36%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: Fri, 23 Jun 2017 21:18:11 +0000

End at: Fri, 23 Jun 2017 21:18:41 +0000

Local clock offset: -4.001 ms

Remote clock offset: -0.069 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:27:35 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 1.87 Mbit/s

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

Loss rate: 0.37%

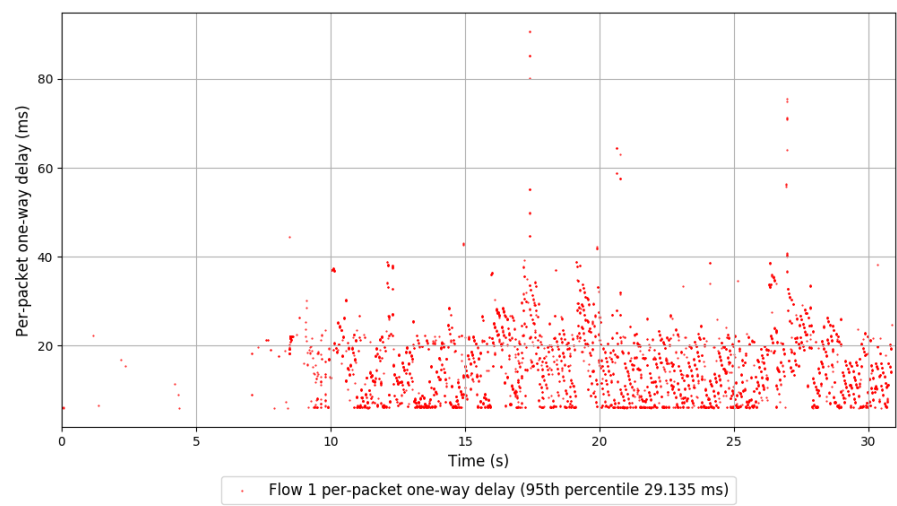
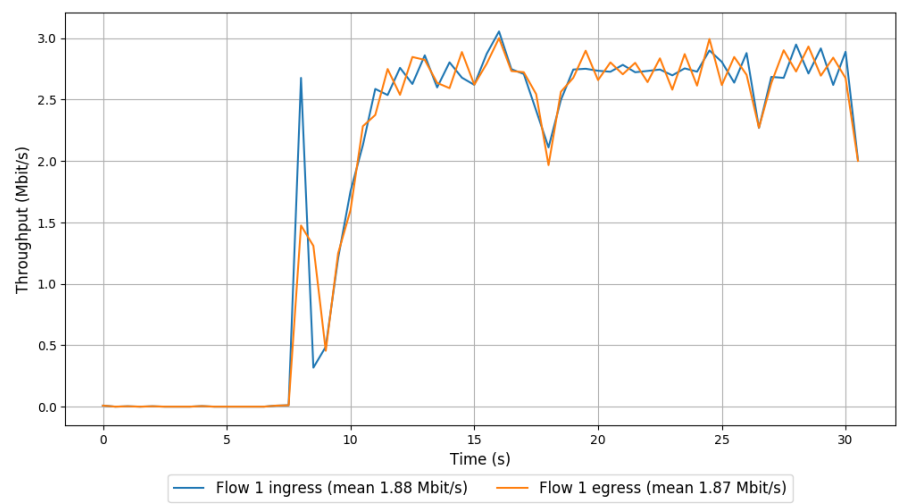
-- Flow 1:

Average throughput: 1.87 Mbit/s

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

Loss rate: 0.37%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: Fri, 23 Jun 2017 21:36:35 +0000

End at: Fri, 23 Jun 2017 21:37:05 +0000

Local clock offset: -2.055 ms

Remote clock offset: -0.115 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:27:41 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 1.82 Mbit/s

95th percentile per-packet one-way delay: 23.397 ms

Loss rate: 0.36%

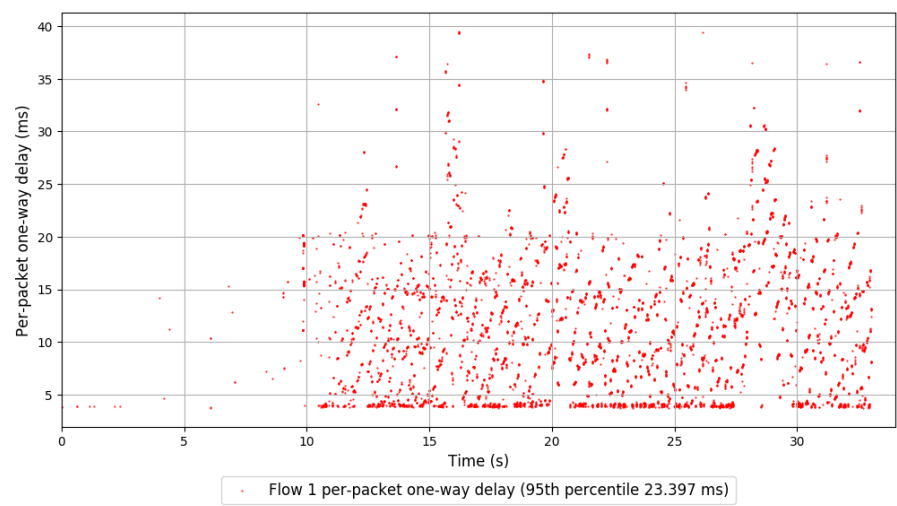
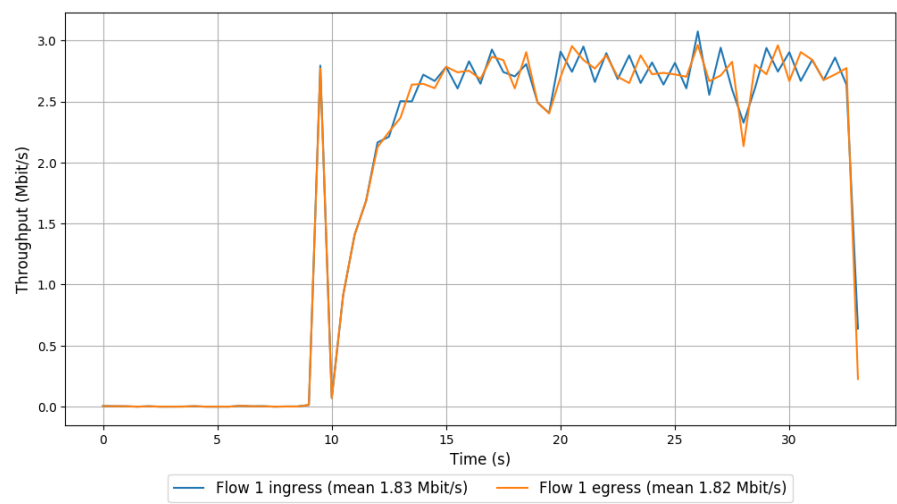
-- Flow 1:

Average throughput: 1.82 Mbit/s

95th percentile per-packet one-way delay: 23.397 ms

Loss rate: 0.36%

Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: Fri, 23 Jun 2017 21:54:33 +0000

End at: Fri, 23 Jun 2017 21:55:03 +0000

Local clock offset: -0.416 ms

Remote clock offset: -0.193 ms

Run 6: Report of WebRTC media — Data Link

Figure is missing

Figure is missing

Run 7: Statistics of WebRTC media

Start at: Fri, 23 Jun 2017 22:12:33 +0000

End at: Fri, 23 Jun 2017 22:13:03 +0000

Local clock offset: -2.84 ms

Remote clock offset: -0.397 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:27:42 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 1.76 Mbit/s

95th percentile per-packet one-way delay: 27.997 ms

Loss rate: 0.20%

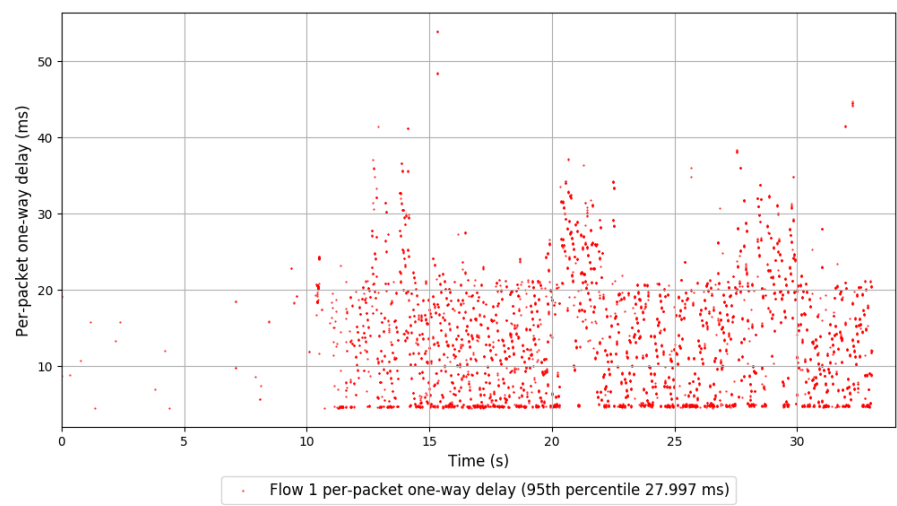
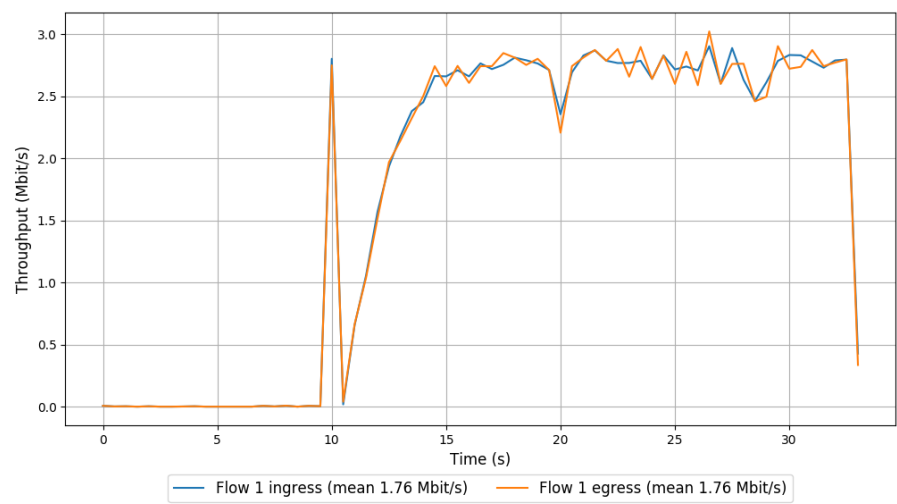
-- Flow 1:

Average throughput: 1.76 Mbit/s

95th percentile per-packet one-way delay: 27.997 ms

Loss rate: 0.20%

Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

Start at: Fri, 23 Jun 2017 22:30:27 +0000

End at: Fri, 23 Jun 2017 22:30:57 +0000

Local clock offset: -3.224 ms

Remote clock offset: -0.57 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:27:47 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 1.85 Mbit/s

95th percentile per-packet one-way delay: 28.284 ms

Loss rate: 0.37%

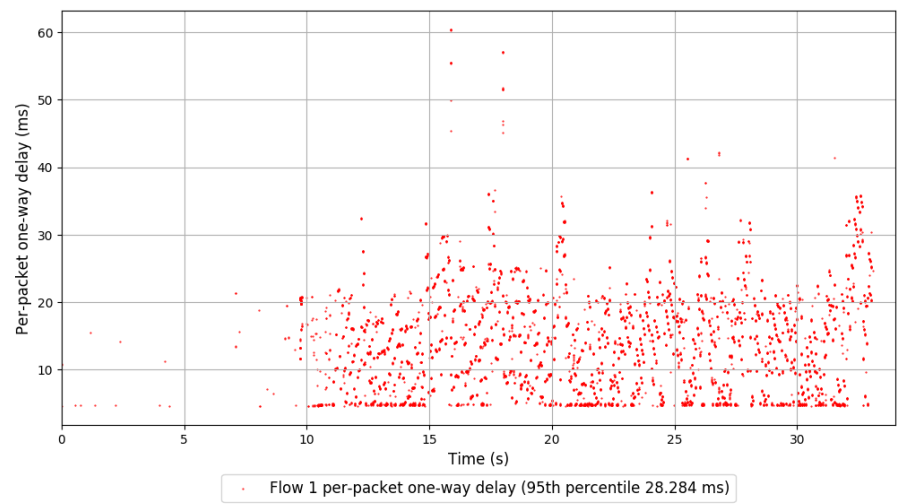
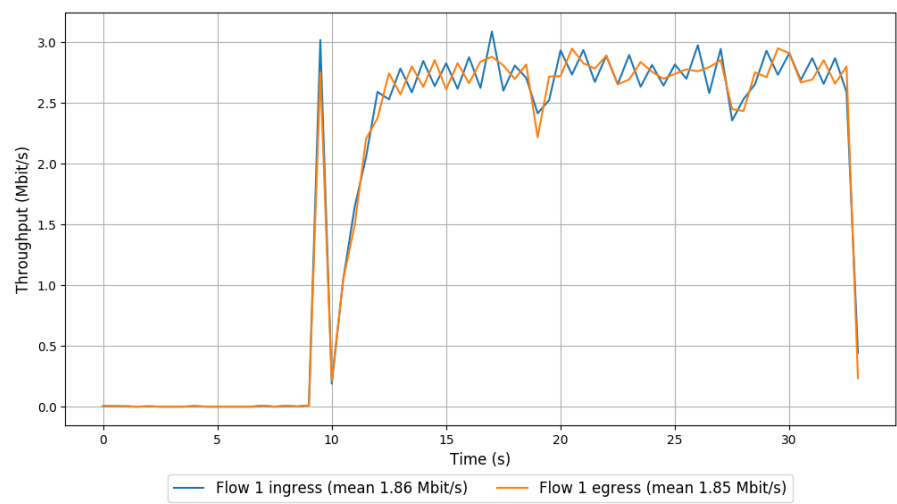
-- Flow 1:

Average throughput: 1.85 Mbit/s

95th percentile per-packet one-way delay: 28.284 ms

Loss rate: 0.37%

Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

Start at: Fri, 23 Jun 2017 22:49:02 +0000

End at: Fri, 23 Jun 2017 22:49:32 +0000

Local clock offset: -3.385 ms

Remote clock offset: -0.694 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:27:48 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 1.76 Mbit/s

95th percentile per-packet one-way delay: 27.728 ms

Loss rate: 0.29%

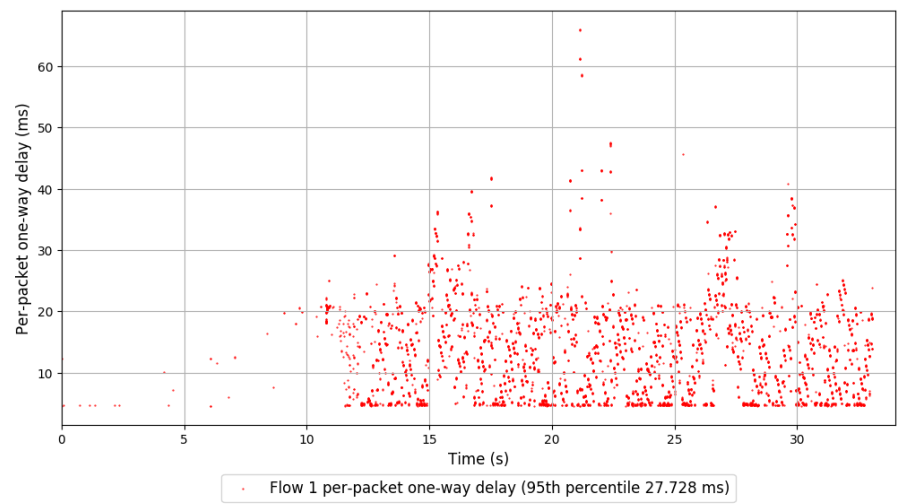
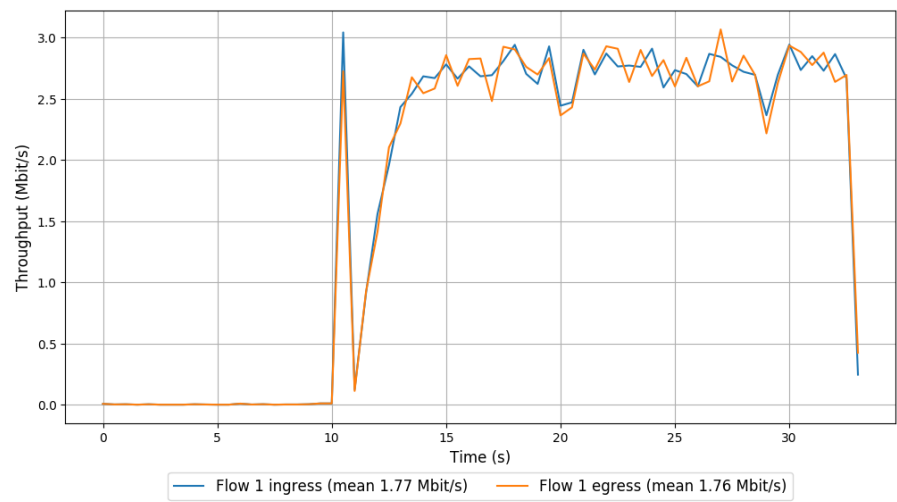
-- Flow 1:

Average throughput: 1.76 Mbit/s

95th percentile per-packet one-way delay: 27.728 ms

Loss rate: 0.29%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: Fri, 23 Jun 2017 23:07:08 +0000

End at: Fri, 23 Jun 2017 23:07:38 +0000

Local clock offset: -2.87 ms

Remote clock offset: -0.803 ms

Below is generated by plot.py at Sat, 24 Jun 2017 02:27:51 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 1.79 Mbit/s

95th percentile per-packet one-way delay: 24.583 ms

Loss rate: 0.29%

-- Flow 1:

Average throughput: 1.79 Mbit/s

95th percentile per-packet one-way delay: 24.583 ms

Loss rate: 0.29%

Run 10: Report of WebRTC media — Data Link

