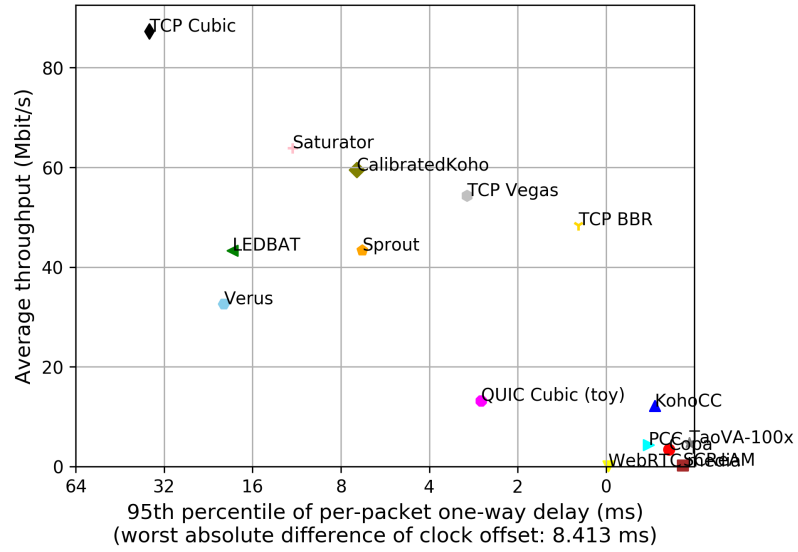


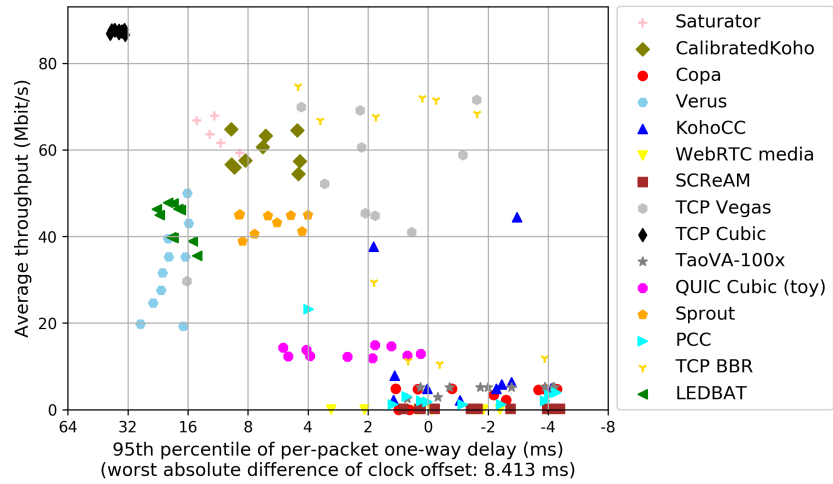
**Pantheon Summary** (Generated at Sat, 24 Jun 2017 01:59:19 +0000 with  
pantheon version f1f579919e2382b18c1fb18b676e821e7efc0b62)  
Repeated the test of 15 congestion control schemes 10 times.  
Each test lasted for 30 seconds running 1 flow.  
Data path **from** AWS Brazil 1 Ethernet **to** Brazil 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
```

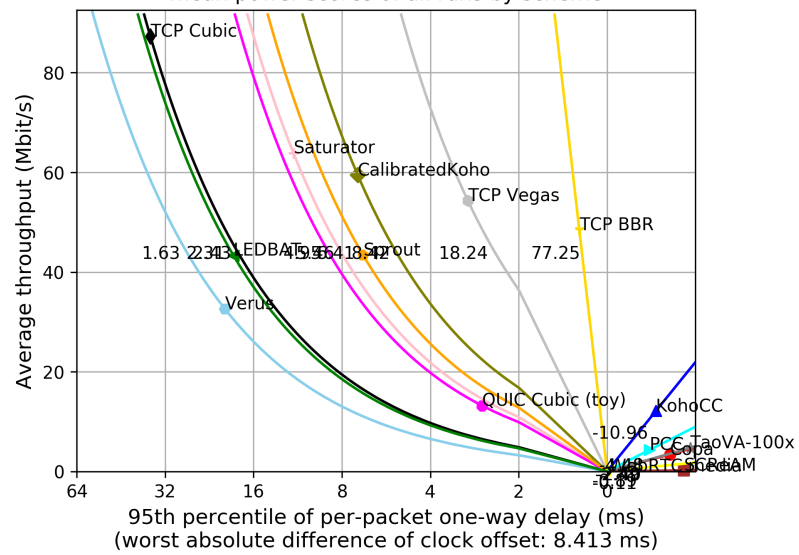
test from AWS Brazil 1 Ethernet to Brazil Ethernet, 10 runs of 30s each per scheme  
mean of all runs by scheme



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



test from AWS Brazil 1 Ethernet to Brazil 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 17:27:32 +0000

End at: Fri, 23 Jun 2017 17:28:02 +0000

Local clock offset: -2.114 ms

Remote clock offset: 0.101 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:34:27 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 74.74 Mbit/s

95th percentile per-packet one-way delay: 4.485 ms

Loss rate: 0.09%

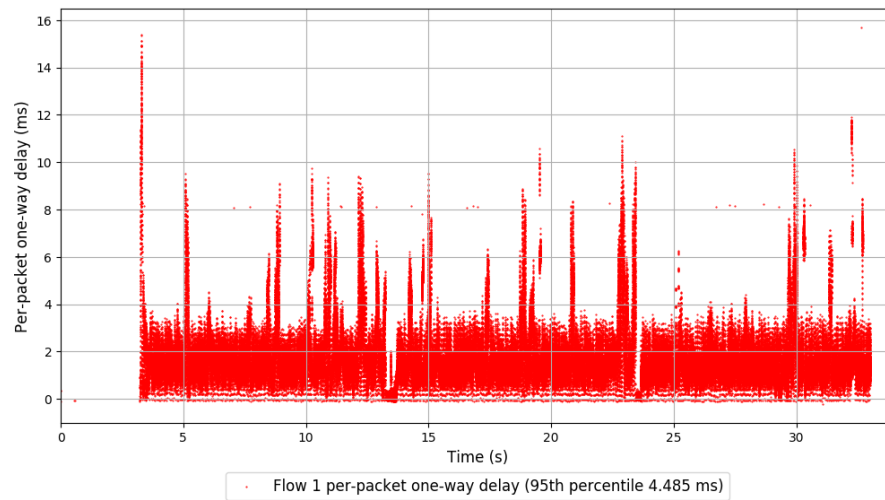
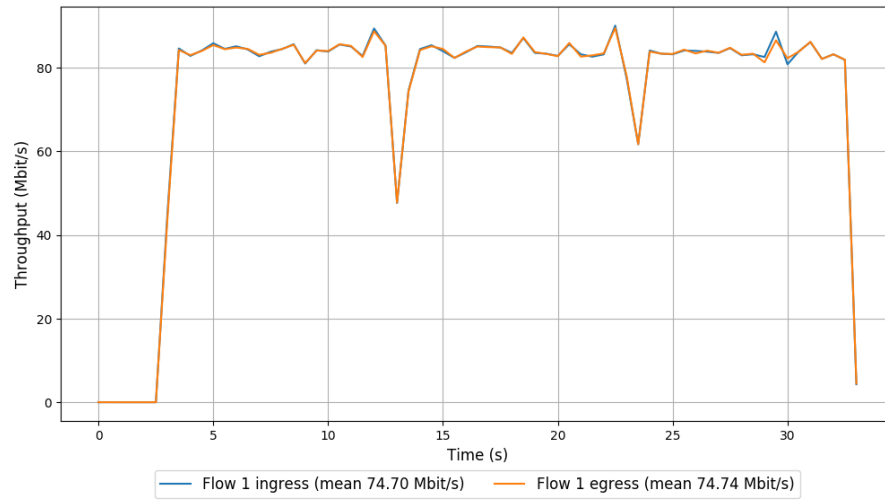
-- Flow 1:

Average throughput: 74.74 Mbit/s

95th percentile per-packet one-way delay: 4.485 ms

Loss rate: 0.09%

# Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: Fri, 23 Jun 2017 17:45:33 +0000

End at: Fri, 23 Jun 2017 17:46:03 +0000

Local clock offset: -5.246 ms

Remote clock offset: 0.431 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:34:27 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 71.49 Mbit/s

95th percentile per-packet one-way delay: -0.268 ms

Loss rate: 0.00%

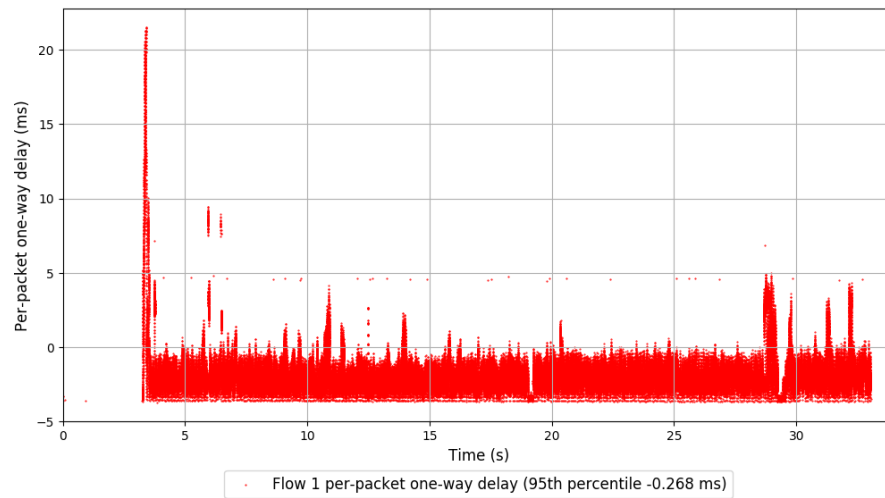
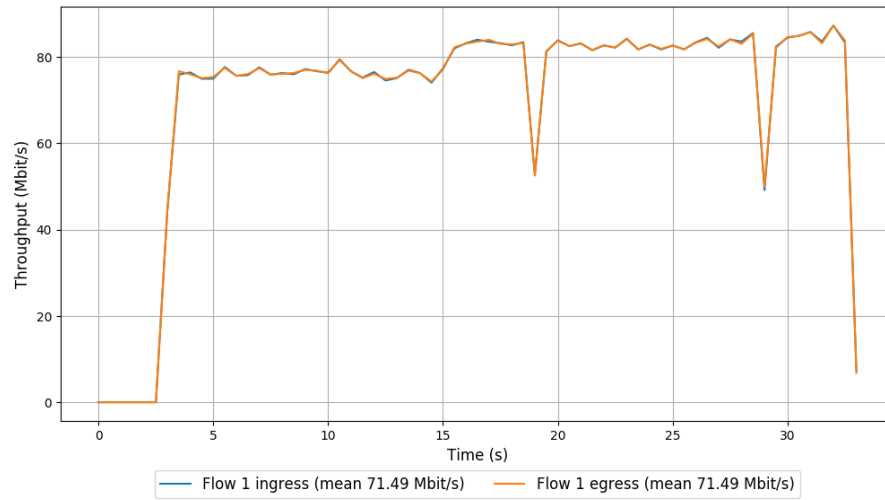
-- Flow 1:

Average throughput: 71.49 Mbit/s

95th percentile per-packet one-way delay: -0.268 ms

Loss rate: 0.00%

## Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: Fri, 23 Jun 2017 18:04:25 +0000

End at: Fri, 23 Jun 2017 18:04:55 +0000

Local clock offset: -6.368 ms

Remote clock offset: 0.588 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:35:03 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 68.40 Mbit/s

95th percentile per-packet one-way delay: -1.636 ms

Loss rate: 0.01%

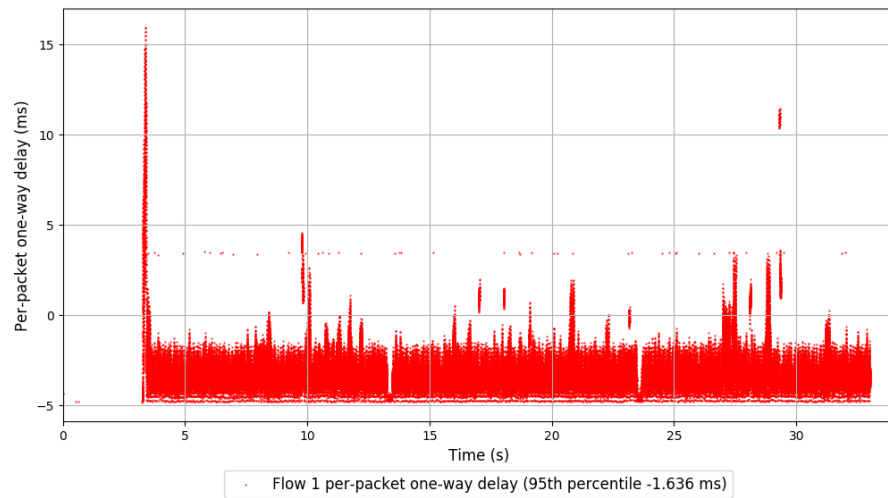
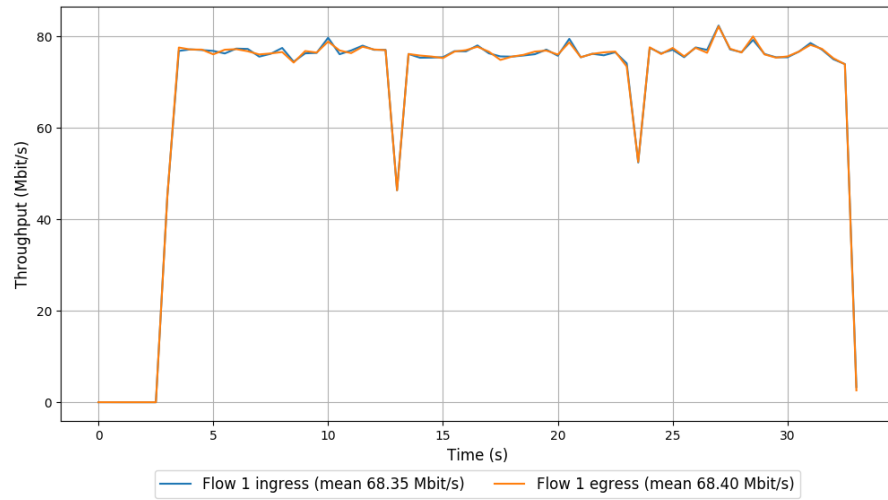
-- Flow 1:

Average throughput: 68.40 Mbit/s

95th percentile per-packet one-way delay: -1.636 ms

Loss rate: 0.01%

### Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: Fri, 23 Jun 2017 18:22:46 +0000

End at: Fri, 23 Jun 2017 18:23:16 +0000

Local clock offset: -5.515 ms

Remote clock offset: 0.781 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:35:03 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 11.86 Mbit/s

95th percentile per-packet one-way delay: -3.830 ms

Loss rate: 0.00%

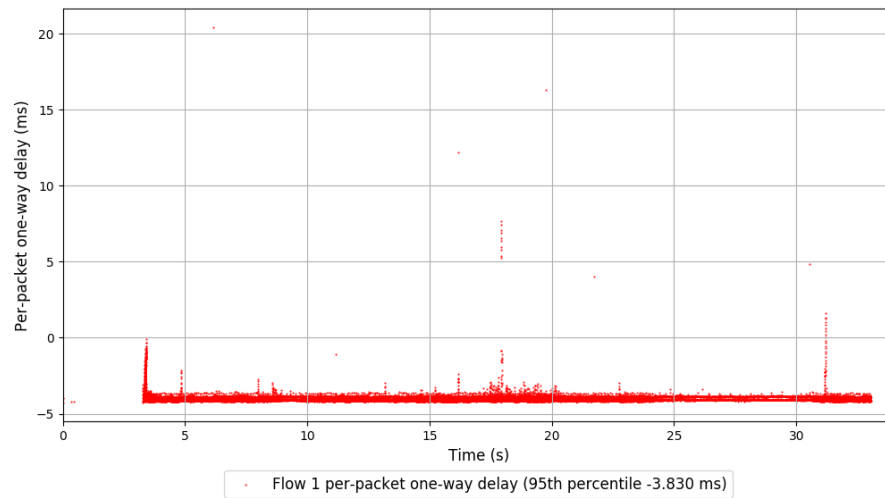
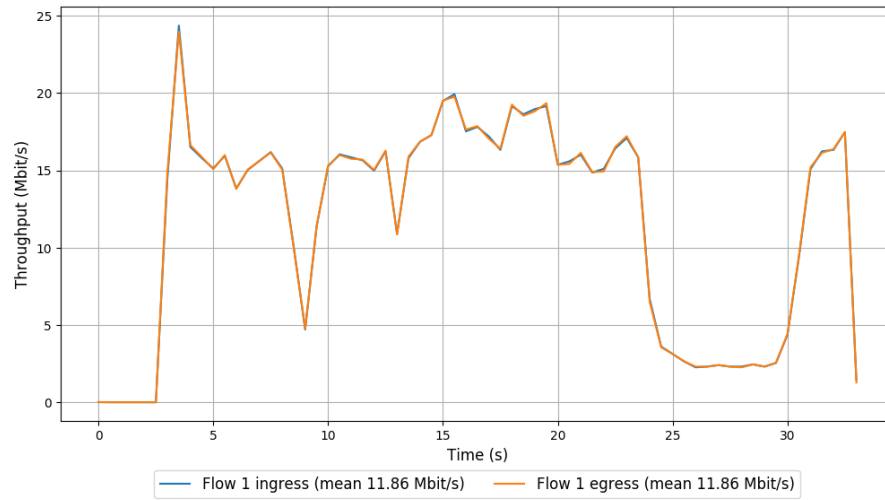
-- Flow 1:

Average throughput: 11.86 Mbit/s

95th percentile per-packet one-way delay: -3.830 ms

Loss rate: 0.00%

#### Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: Fri, 23 Jun 2017 18:40:54 +0000

End at: Fri, 23 Jun 2017 18:41:24 +0000

Local clock offset: -5.295 ms

Remote clock offset: 0.72 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:35:21 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 72.05 Mbit/s

95th percentile per-packet one-way delay: 0.198 ms

Loss rate: 0.00%

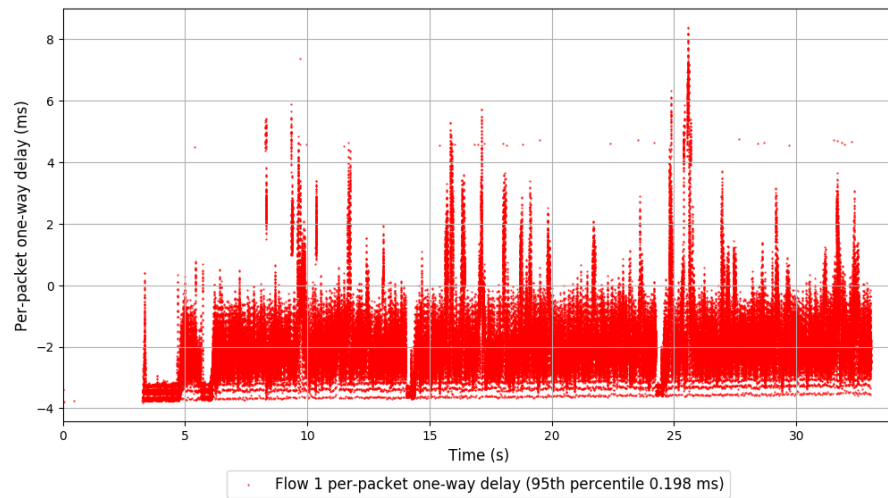
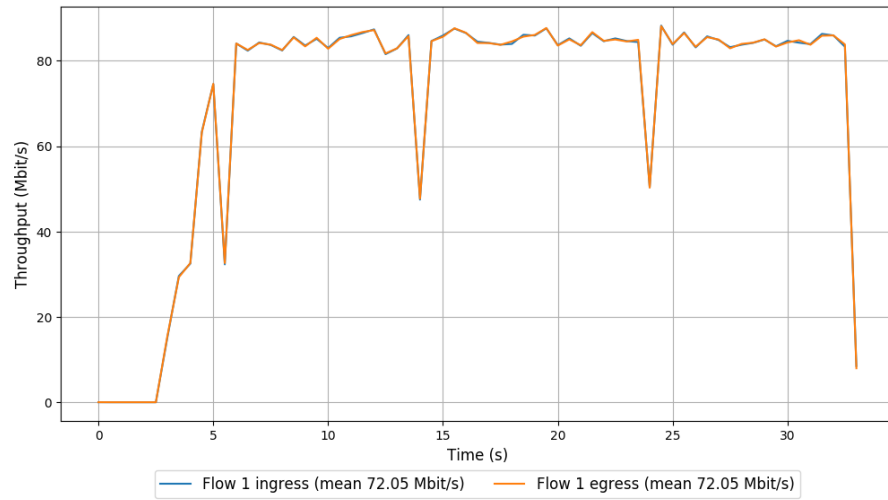
-- Flow 1:

Average throughput: 72.05 Mbit/s

95th percentile per-packet one-way delay: 0.198 ms

Loss rate: 0.00%

### Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: Fri, 23 Jun 2017 18:58:50 +0000

End at: Fri, 23 Jun 2017 18:59:20 +0000

Local clock offset: -2.9 ms

Remote clock offset: 0.526 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:35:21 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 10.53 Mbit/s

95th percentile per-packet one-way delay: -0.387 ms

Loss rate: 0.00%

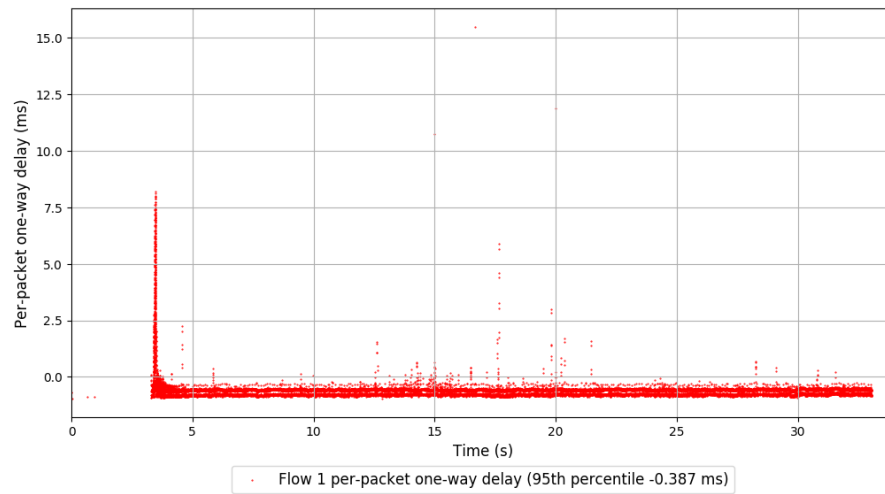
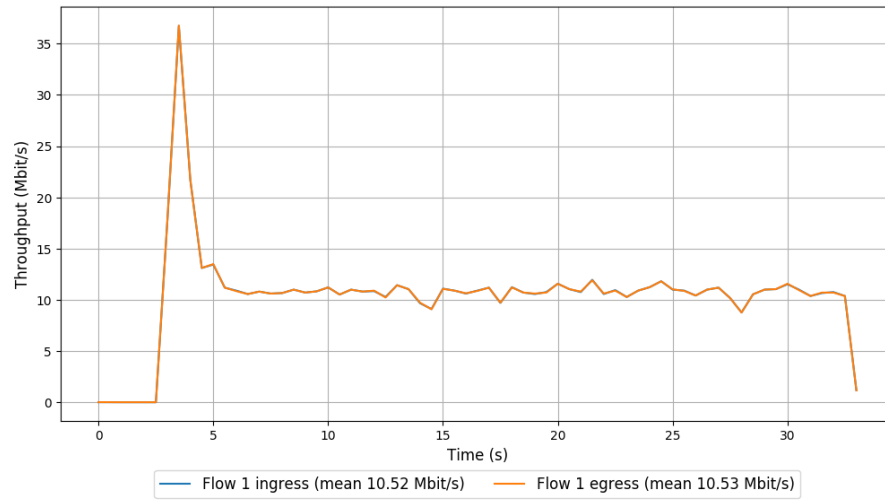
-- Flow 1:

Average throughput: 10.53 Mbit/s

95th percentile per-packet one-way delay: -0.387 ms

Loss rate: 0.00%

## Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

Start at: Fri, 23 Jun 2017 19:17:07 +0000

End at: Fri, 23 Jun 2017 19:17:37 +0000

Local clock offset: -1.64 ms

Remote clock offset: 0.479 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:35:54 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 66.78 Mbit/s

95th percentile per-packet one-way delay: 3.482 ms

Loss rate: 0.00%

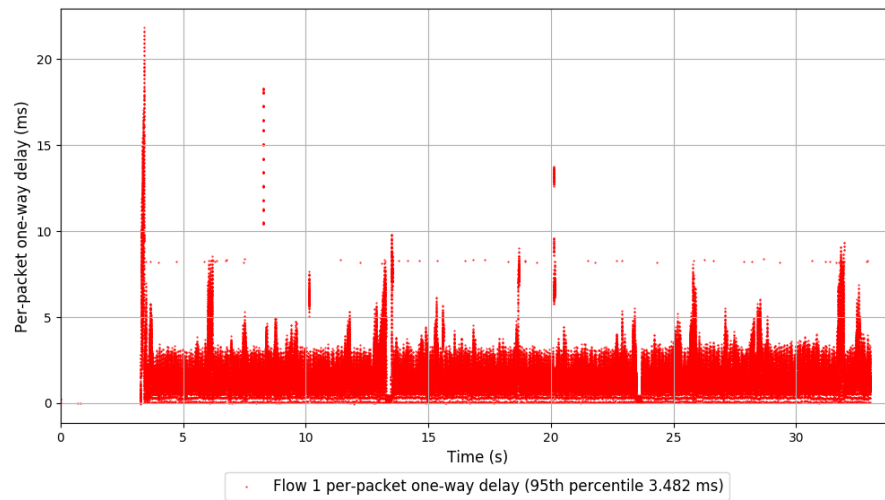
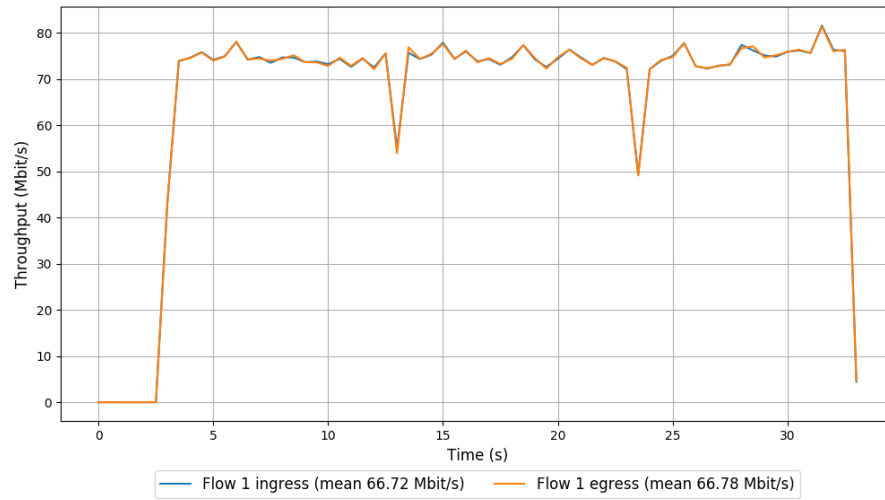
-- Flow 1:

Average throughput: 66.78 Mbit/s

95th percentile per-packet one-way delay: 3.482 ms

Loss rate: 0.00%

### Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: Fri, 23 Jun 2017 19:35:25 +0000

End at: Fri, 23 Jun 2017 19:35:55 +0000

Local clock offset: -1.395 ms

Remote clock offset: 0.343 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:35:54 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 11.32 Mbit/s

95th percentile per-packet one-way delay: 0.674 ms

Loss rate: 0.00%

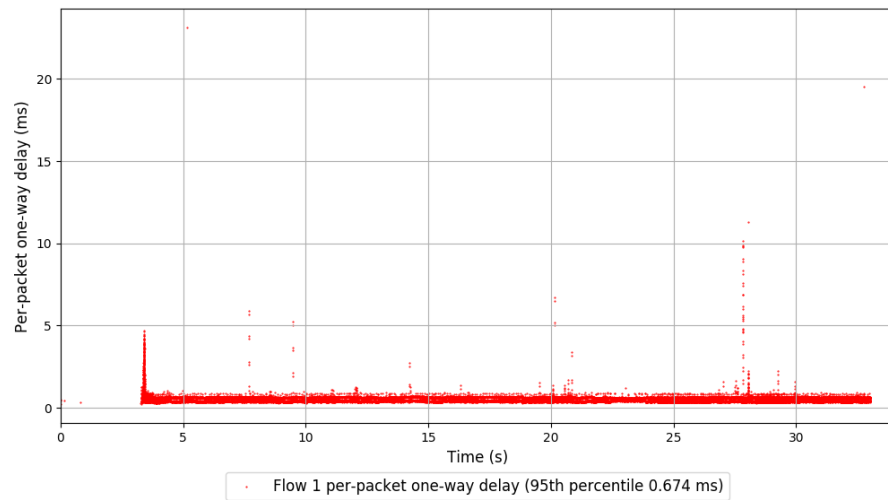
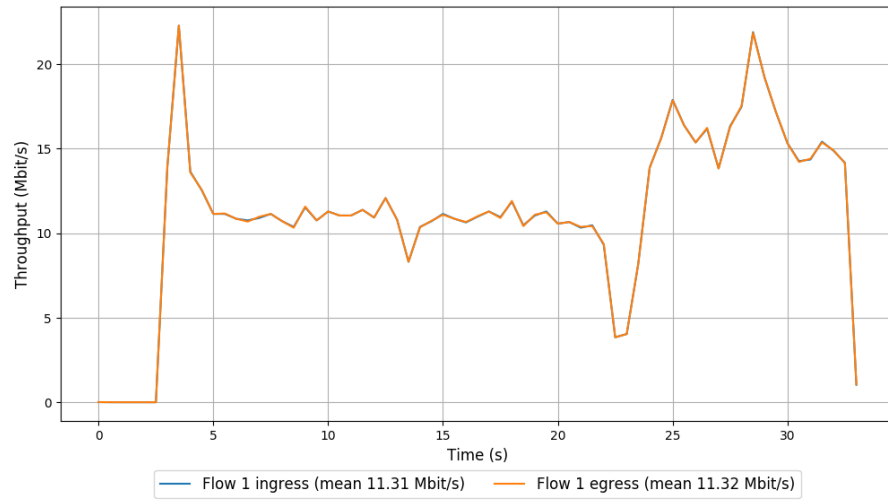
-- Flow 1:

Average throughput: 11.32 Mbit/s

95th percentile per-packet one-way delay: 0.674 ms

Loss rate: 0.00%

### Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: Fri, 23 Jun 2017 19:53:35 +0000

End at: Fri, 23 Jun 2017 19:54:05 +0000

Local clock offset: -3.012 ms

Remote clock offset: 0.252 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:36:11 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 67.67 Mbit/s

95th percentile per-packet one-way delay: 1.750 ms

Loss rate: 0.00%

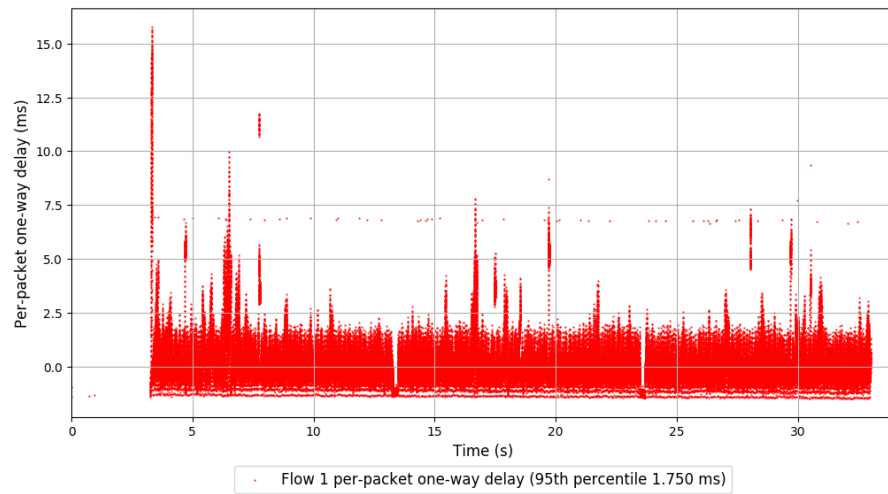
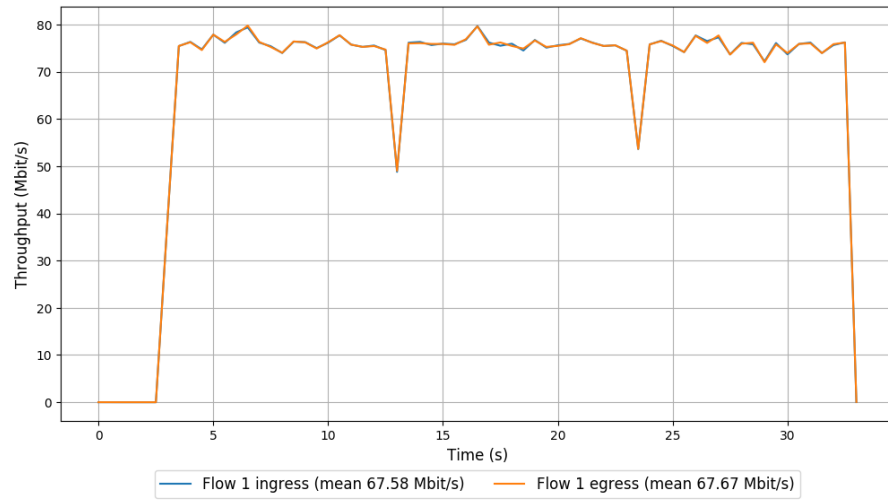
-- Flow 1:

Average throughput: 67.67 Mbit/s

95th percentile per-packet one-way delay: 1.750 ms

Loss rate: 0.00%

### Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

Start at: Fri, 23 Jun 2017 20:12:10 +0000

End at: Fri, 23 Jun 2017 20:12:40 +0000

Local clock offset: -4.452 ms

Remote clock offset: 0.115 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:36:14 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 29.43 Mbit/s

95th percentile per-packet one-way delay: 1.801 ms

Loss rate: 0.00%

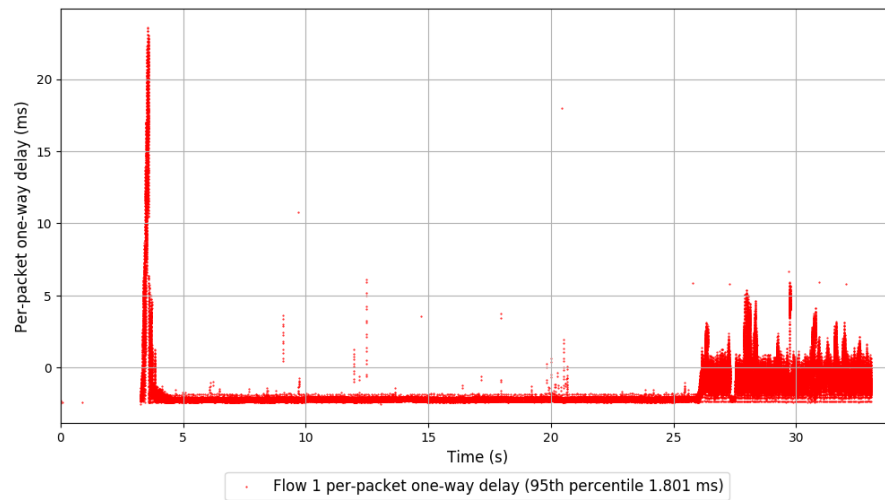
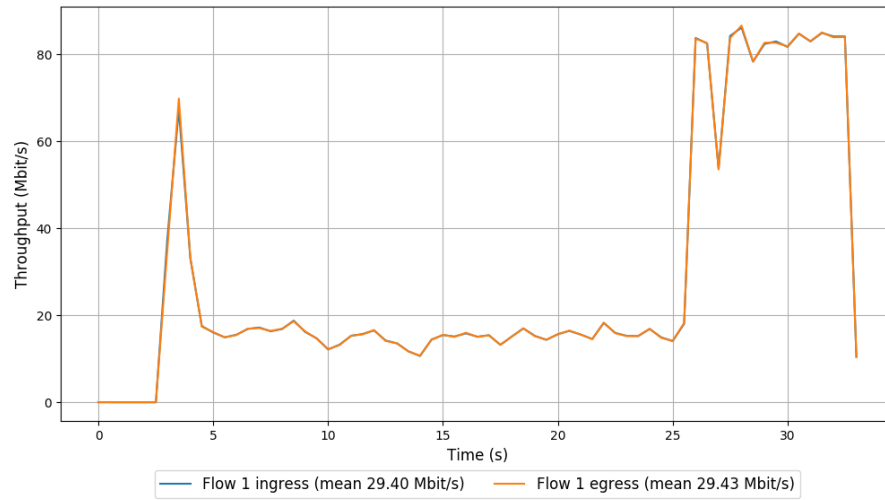
-- Flow 1:

Average throughput: 29.43 Mbit/s

95th percentile per-packet one-way delay: 1.801 ms

Loss rate: 0.00%

### Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of CalibratedKoho

Start at: Fri, 23 Jun 2017 17:18:58 +0000

End at: Fri, 23 Jun 2017 17:19:28 +0000

Local clock offset: -1.829 ms

Remote clock offset: -0.031 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:36:45 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 56.61 Mbit/s

95th percentile per-packet one-way delay: 9.651 ms

Loss rate: 0.00%

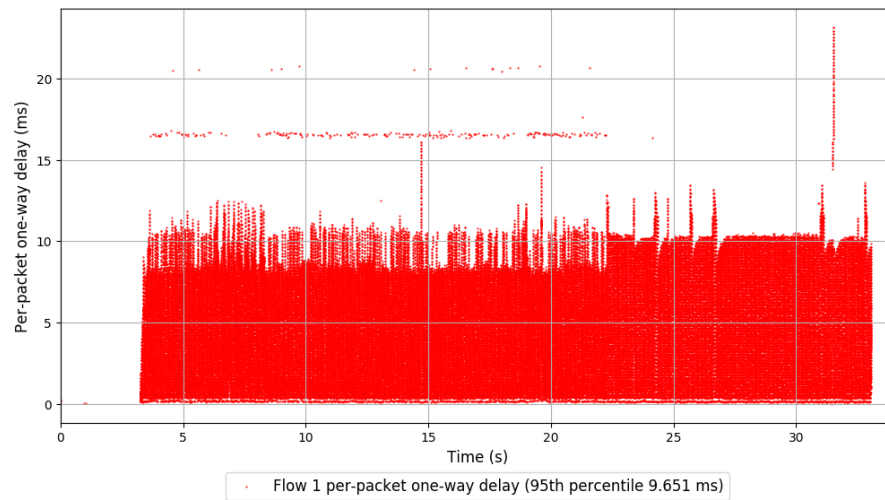
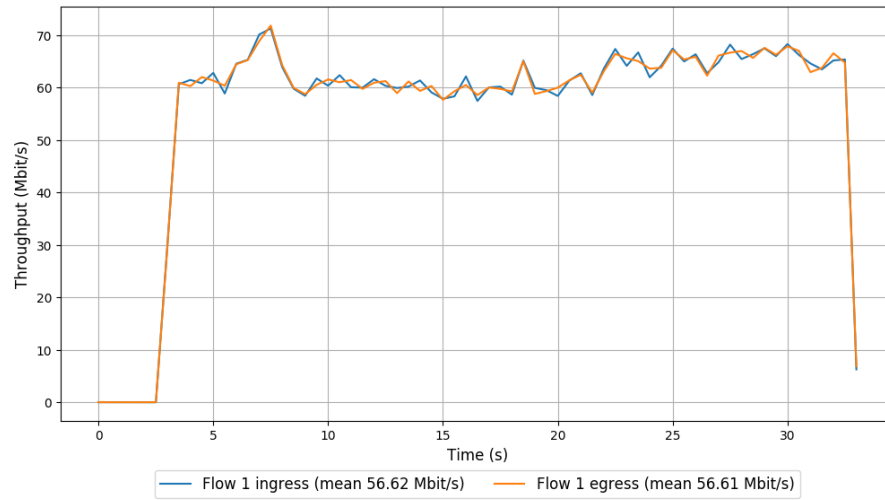
-- Flow 1:

Average throughput: 56.61 Mbit/s

95th percentile per-packet one-way delay: 9.651 ms

Loss rate: 0.00%

### Run 1: Report of CalibratedKoho — Data Link



Run 2: Statistics of CalibratedKoho

Start at: Fri, 23 Jun 2017 17:37:19 +0000

End at: Fri, 23 Jun 2017 17:37:49 +0000

Local clock offset: -3.692 ms

Remote clock offset: 0.269 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:36:51 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 60.65 Mbit/s

95th percentile per-packet one-way delay: 6.738 ms

Loss rate: 0.00%

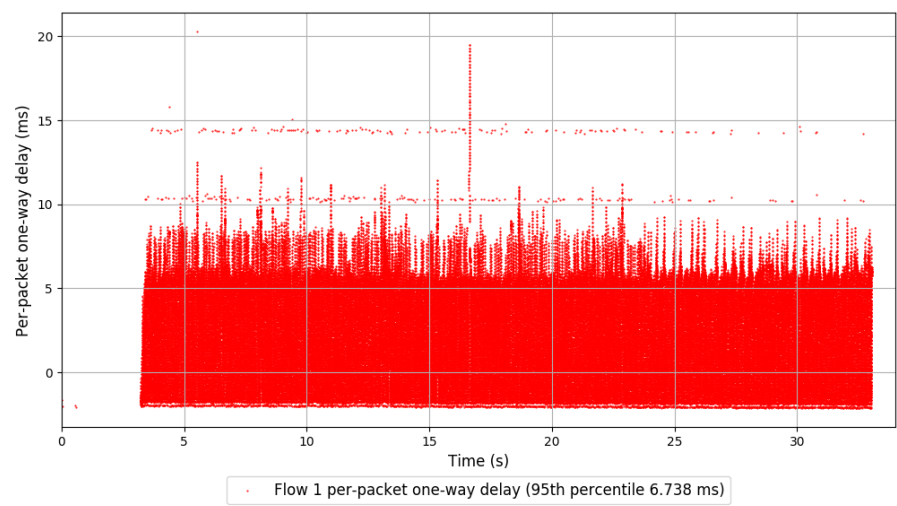
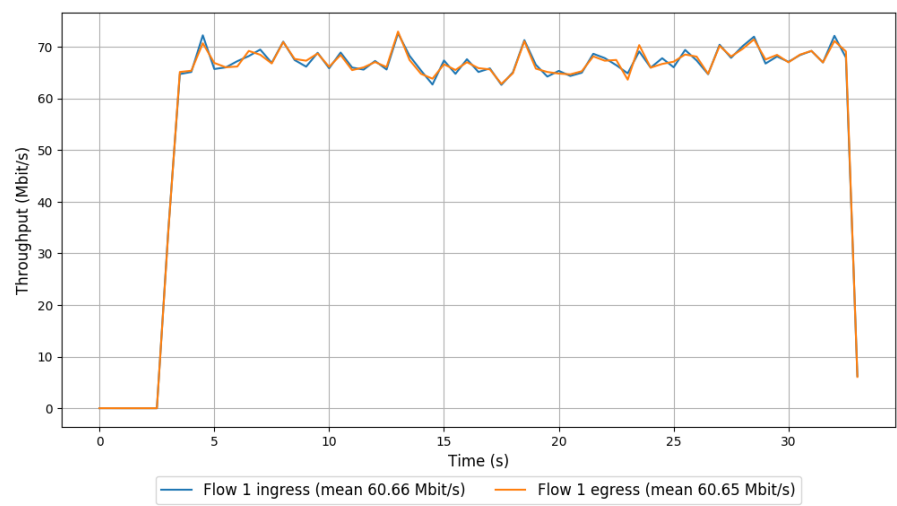
-- Flow 1:

Average throughput: 60.65 Mbit/s

95th percentile per-packet one-way delay: 6.738 ms

Loss rate: 0.00%

Run 2: Report of CalibratedKoho — Data Link



Run 3: Statistics of CalibratedKoho

Start at: Fri, 23 Jun 2017 17:55:44 +0000

End at: Fri, 23 Jun 2017 17:56:14 +0000

Local clock offset: -6.285 ms

Remote clock offset: 0.584 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:37:23 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 64.54 Mbit/s

95th percentile per-packet one-way delay: 4.519 ms

Loss rate: 0.00%

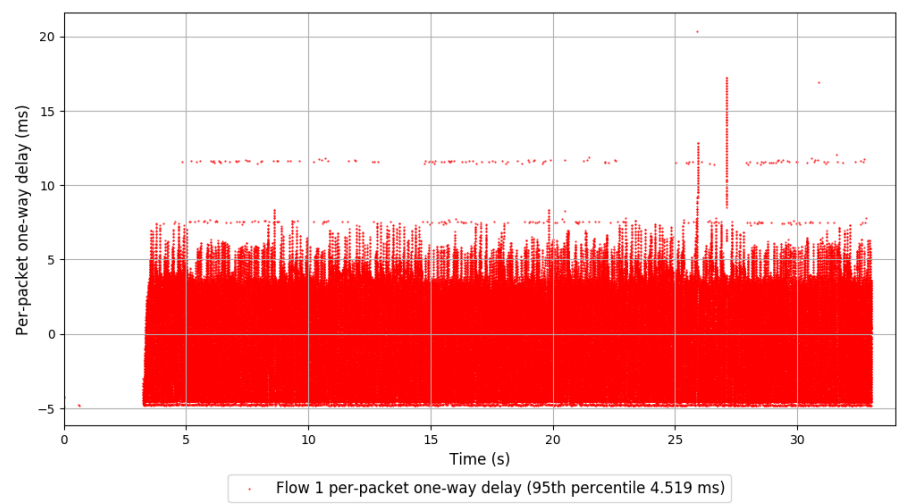
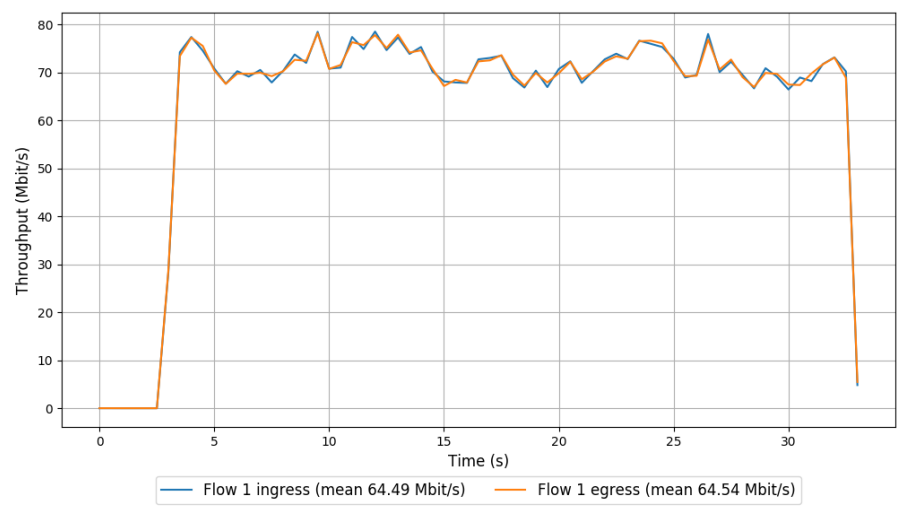
-- Flow 1:

Average throughput: 64.54 Mbit/s

95th percentile per-packet one-way delay: 4.519 ms

Loss rate: 0.00%

Run 3: Report of CalibratedKoho — Data Link



Run 4: Statistics of CalibratedKoho

Start at: Fri, 23 Jun 2017 18:14:23 +0000

End at: Fri, 23 Jun 2017 18:14:53 +0000

Local clock offset: -5.754 ms

Remote clock offset: 0.664 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:37:25 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 57.37 Mbit/s

95th percentile per-packet one-way delay: 4.388 ms

Loss rate: 0.00%

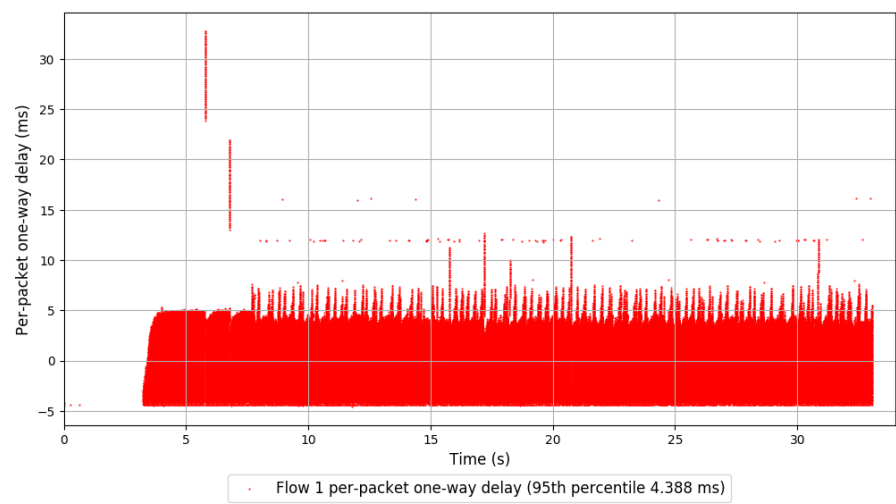
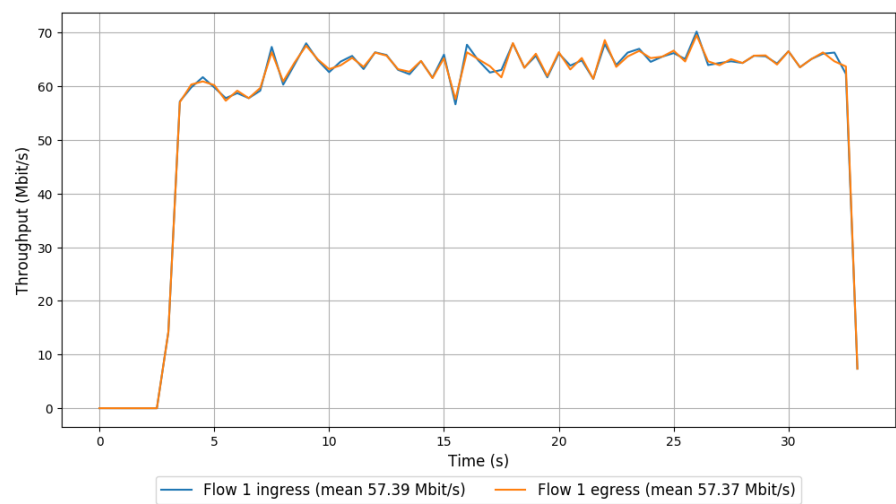
-- Flow 1:

Average throughput: 57.37 Mbit/s

95th percentile per-packet one-way delay: 4.388 ms

Loss rate: 0.00%

Run 4: Report of CalibratedKoho — Data Link



Run 5: Statistics of CalibratedKoho

Start at: Fri, 23 Jun 2017 18:32:35 +0000

End at: Fri, 23 Jun 2017 18:33:05 +0000

Local clock offset: -5.275 ms

Remote clock offset: 0.823 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:37:57 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 54.50 Mbit/s

95th percentile per-packet one-way delay: 4.464 ms

Loss rate: 0.00%

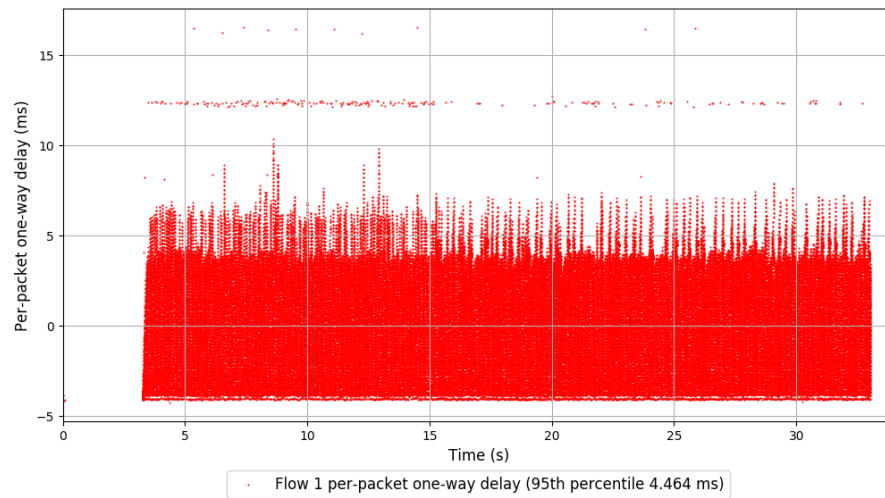
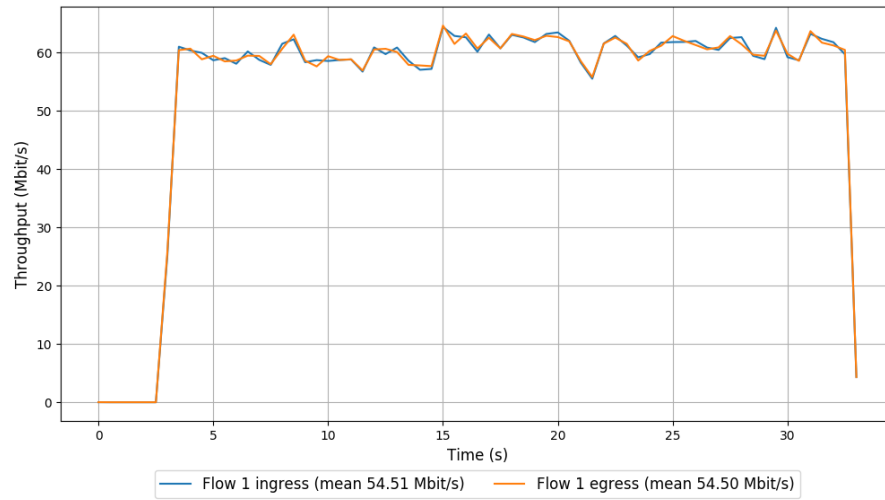
-- Flow 1:

Average throughput: 54.50 Mbit/s

95th percentile per-packet one-way delay: 4.464 ms

Loss rate: 0.00%

### Run 5: Report of CalibratedKoho — Data Link



Run 6: Statistics of CalibratedKoho

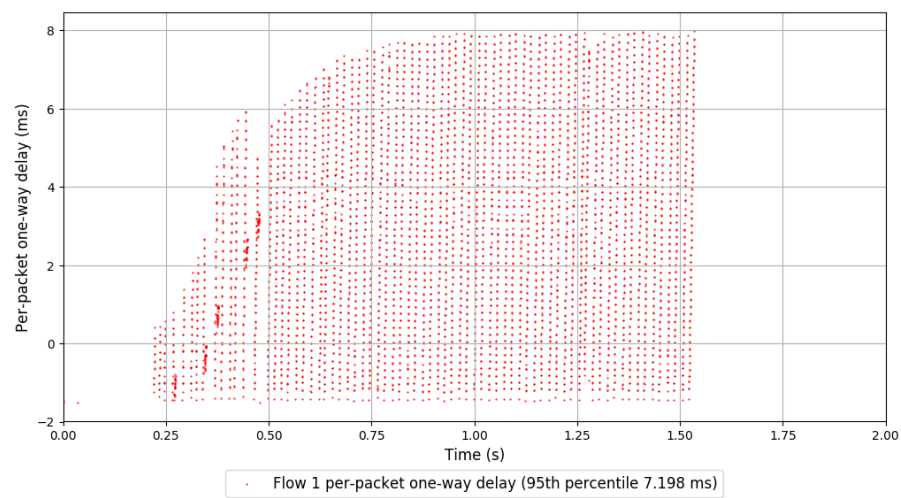
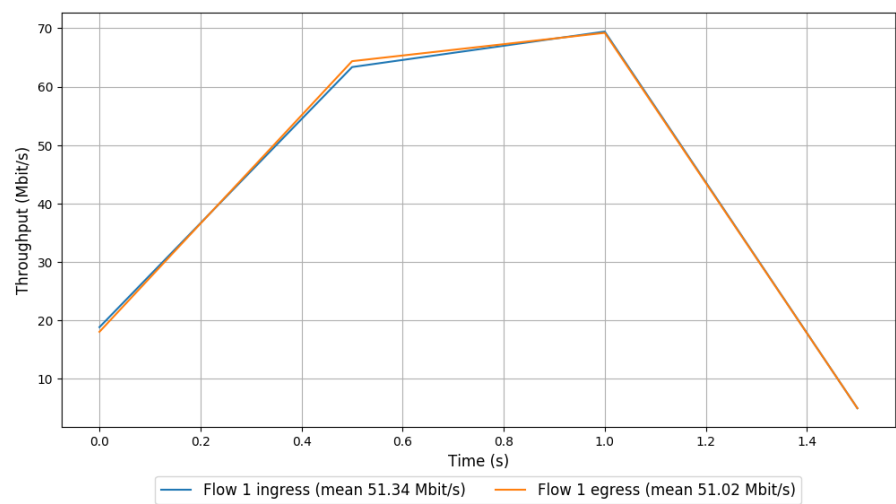
Start at: Fri, 23 Jun 2017 18:50:51 +0000

End at: Fri, 23 Jun 2017 18:51:21 +0000

Local clock offset: -3.294 ms

Remote clock offset: 0.61 ms

Run 6: Report of CalibratedKoho — Data Link



Run 7: Statistics of CalibratedKoho

Start at: Fri, 23 Jun 2017 19:08:41 +0000

End at: Fri, 23 Jun 2017 19:09:11 +0000

Local clock offset: -1.93 ms

Remote clock offset: 0.499 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:38:06 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 57.56 Mbit/s

95th percentile per-packet one-way delay: 8.253 ms

Loss rate: 0.00%

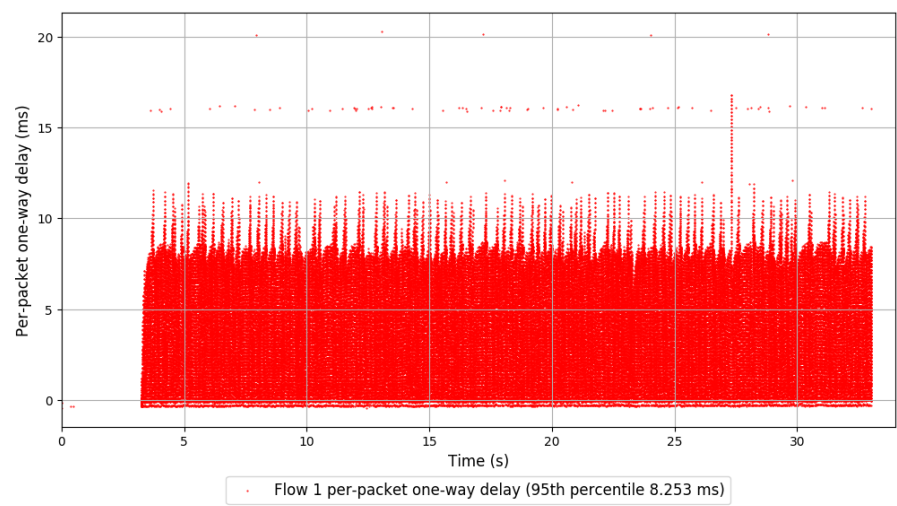
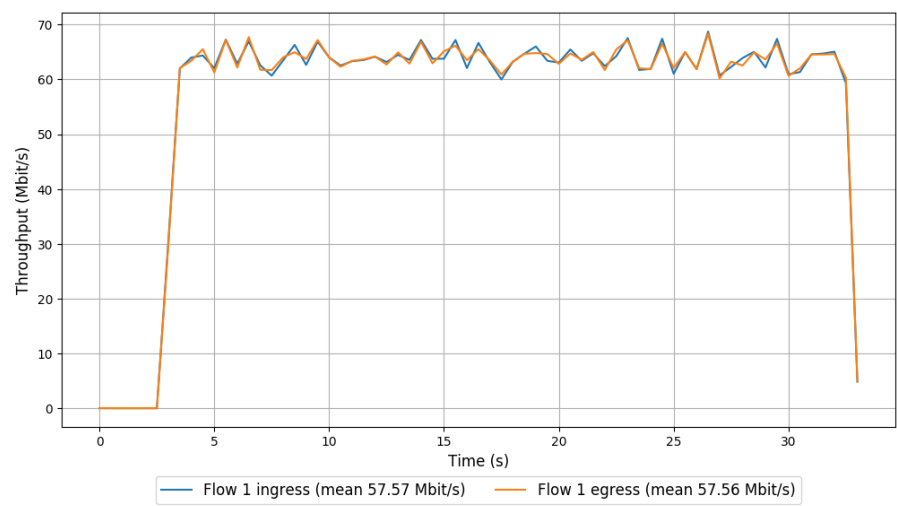
-- Flow 1:

Average throughput: 57.56 Mbit/s

95th percentile per-packet one-way delay: 8.253 ms

Loss rate: 0.00%

Run 7: Report of CalibratedKoho — Data Link



Run 8: Statistics of CalibratedKoho

Start at: Fri, 23 Jun 2017 19:27:04 +0000

End at: Fri, 23 Jun 2017 19:27:34 +0000

Local clock offset: -1.595 ms

Remote clock offset: 0.382 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:38:35 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 64.76 Mbit/s

95th percentile per-packet one-way delay: 9.720 ms

Loss rate: 0.01%

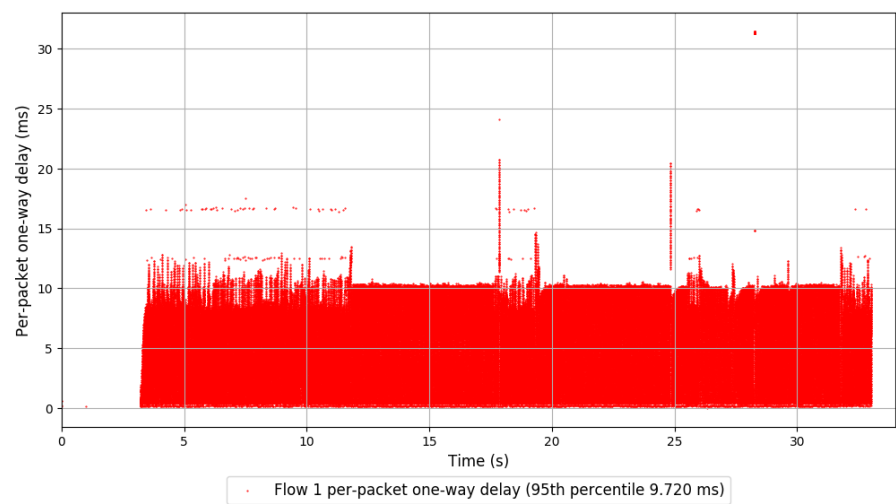
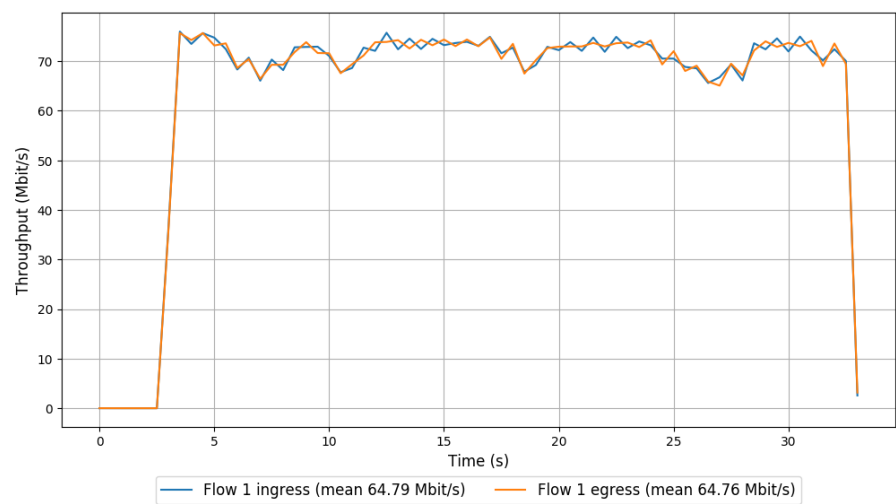
-- Flow 1:

Average throughput: 64.76 Mbit/s

95th percentile per-packet one-way delay: 9.720 ms

Loss rate: 0.01%

Run 8: Report of CalibratedKoho — Data Link



Run 9: Statistics of CalibratedKoho

Start at: Fri, 23 Jun 2017 19:45:19 +0000

End at: Fri, 23 Jun 2017 19:45:49 +0000

Local clock offset: -1.094 ms

Remote clock offset: 0.276 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:38:40 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 55.97 Mbit/s

95th percentile per-packet one-way delay: 9.337 ms

Loss rate: 0.00%

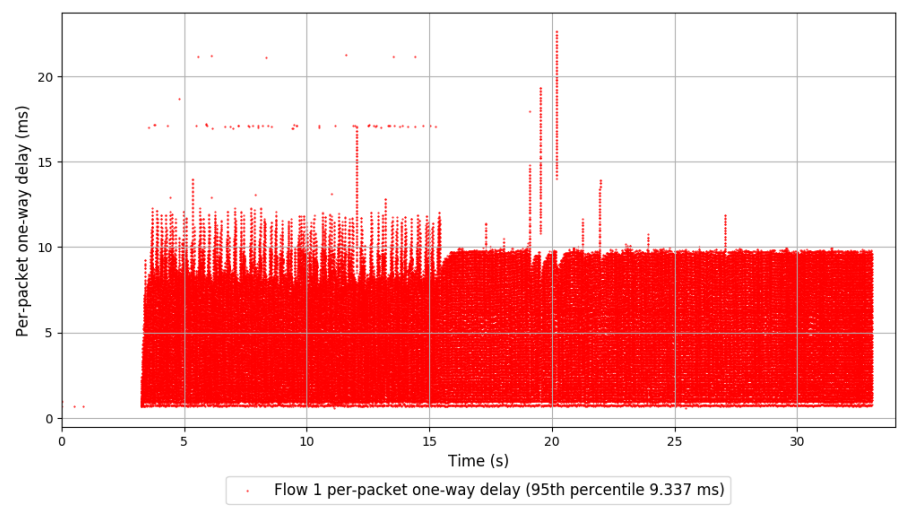
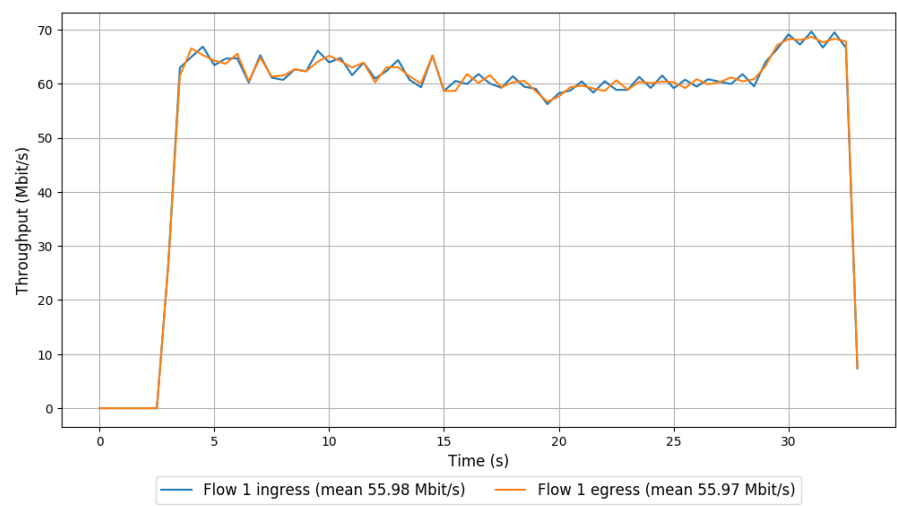
-- Flow 1:

Average throughput: 55.97 Mbit/s

95th percentile per-packet one-way delay: 9.337 ms

Loss rate: 0.00%

Run 9: Report of CalibratedKoho — Data Link



Run 10: Statistics of CalibratedKoho

Start at: Fri, 23 Jun 2017 20:03:43 +0000

End at: Fri, 23 Jun 2017 20:04:13 +0000

Local clock offset: -4.615 ms

Remote clock offset: 0.076 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:39:17 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 63.24 Mbit/s

95th percentile per-packet one-way delay: 6.519 ms

Loss rate: 0.00%

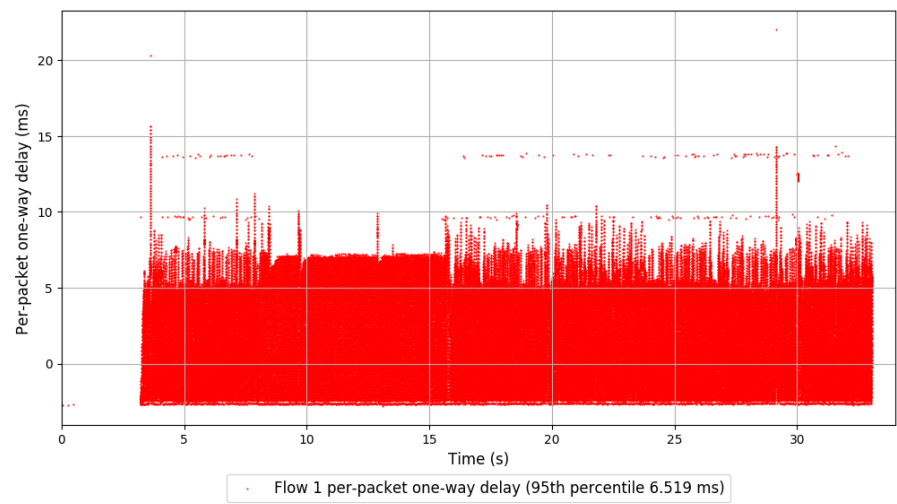
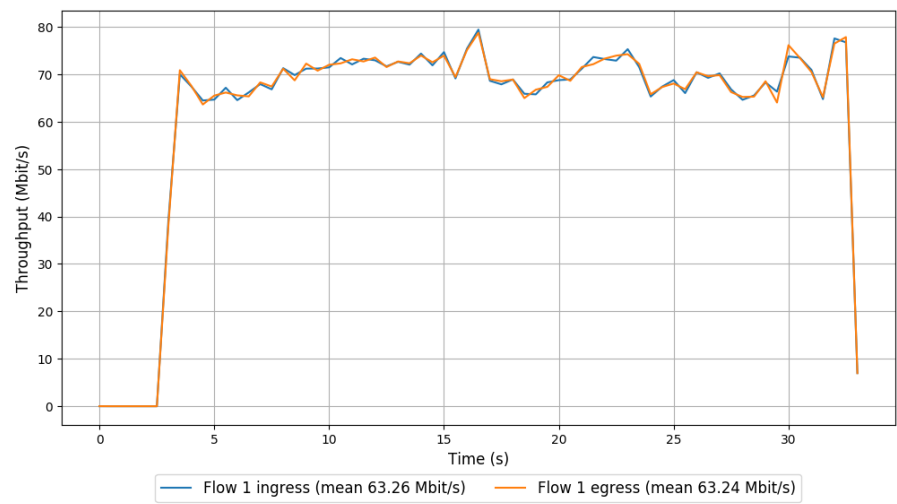
-- Flow 1:

Average throughput: 63.24 Mbit/s

95th percentile per-packet one-way delay: 6.519 ms

Loss rate: 0.00%

Run 10: Report of CalibratedKoho — Data Link



Run 1: Statistics of Copa

Start at: Fri, 23 Jun 2017 17:22:46 +0000

End at: Fri, 23 Jun 2017 17:23:16 +0000

Local clock offset: -1.966 ms

Remote clock offset: -0.012 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:39:18 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 0.621 ms

Loss rate: 0.00%

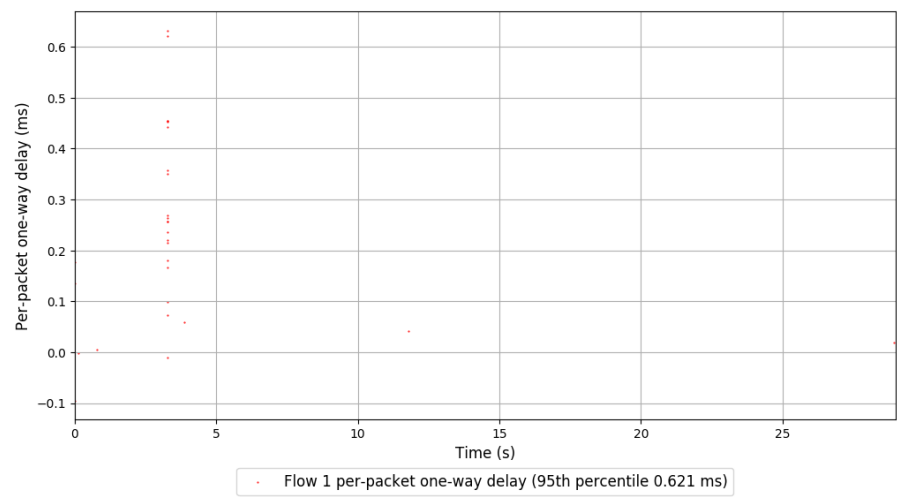
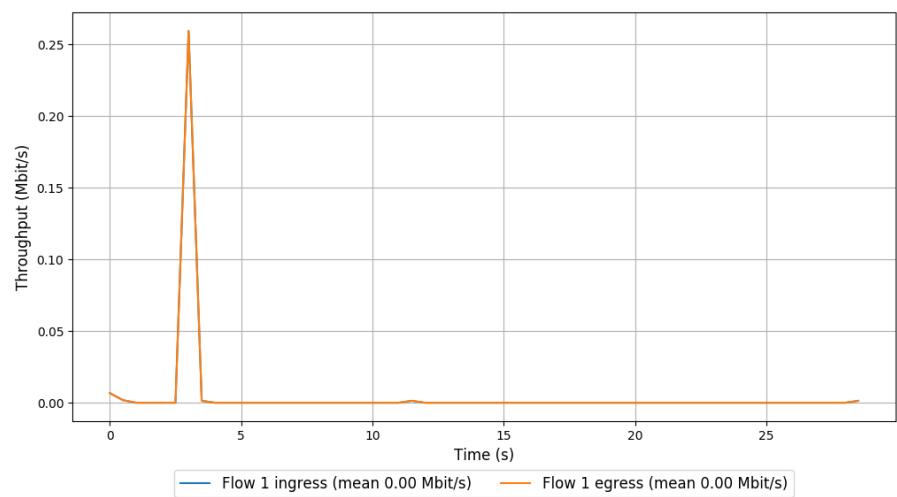
-- Flow 1:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 0.621 ms

Loss rate: 0.00%

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: Fri, 23 Jun 2017 17:40:53 +0000

End at: Fri, 23 Jun 2017 17:41:23 +0000

Local clock offset: -4.581 ms

Remote clock offset: 0.234 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:39:18 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.23 Mbit/s

95th percentile per-packet one-way delay: -2.460 ms

Loss rate: 0.00%

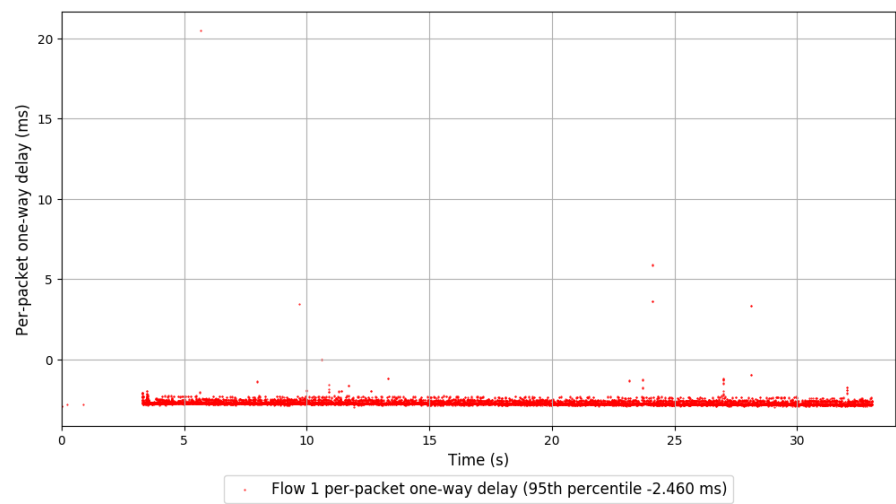
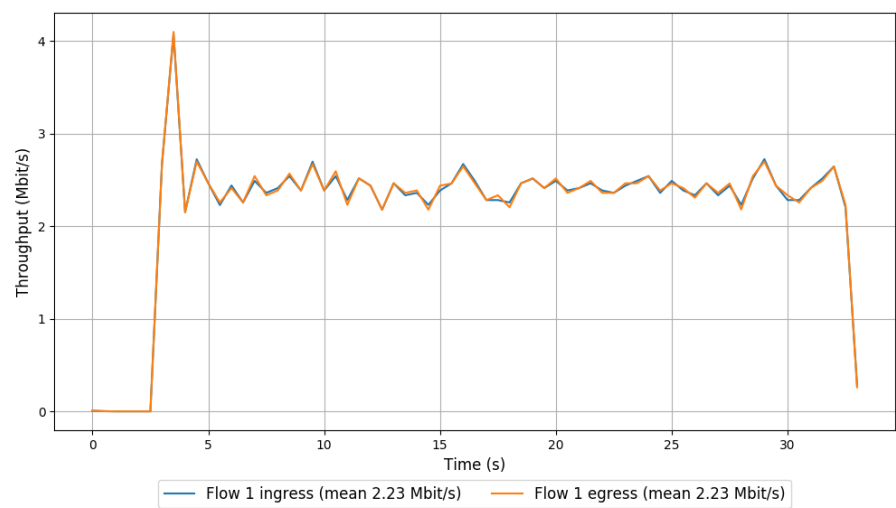
-- Flow 1:

Average throughput: 2.23 Mbit/s

95th percentile per-packet one-way delay: -2.460 ms

Loss rate: 0.00%

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

Start at: Fri, 23 Jun 2017 17:59:33 +0000

End at: Fri, 23 Jun 2017 18:00:03 +0000

Local clock offset: -6.415 ms

Remote clock offset: 0.52 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:39:18 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 4.78 Mbit/s

95th percentile per-packet one-way delay: -4.429 ms

Loss rate: 0.00%

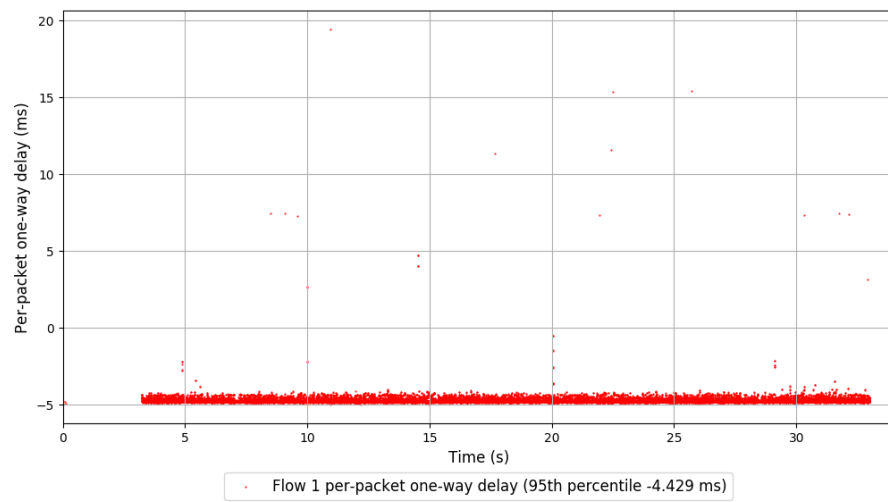
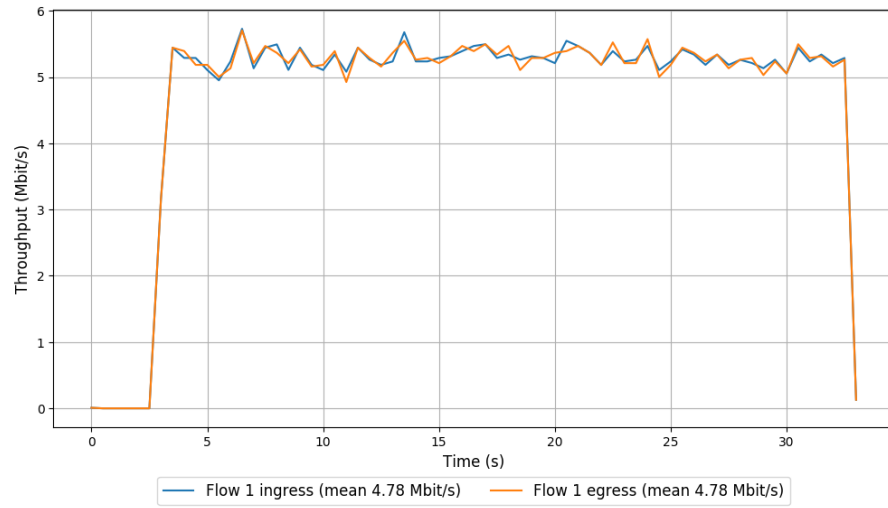
-- Flow 1:

Average throughput: 4.78 Mbit/s

95th percentile per-packet one-way delay: -4.429 ms

Loss rate: 0.00%

### Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: Fri, 23 Jun 2017 18:17:59 +0000

End at: Fri, 23 Jun 2017 18:18:29 +0000

Local clock offset: -5.654 ms

Remote clock offset: 0.774 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:39:19 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 4.76 Mbit/s

95th percentile per-packet one-way delay: -3.854 ms

Loss rate: 0.00%

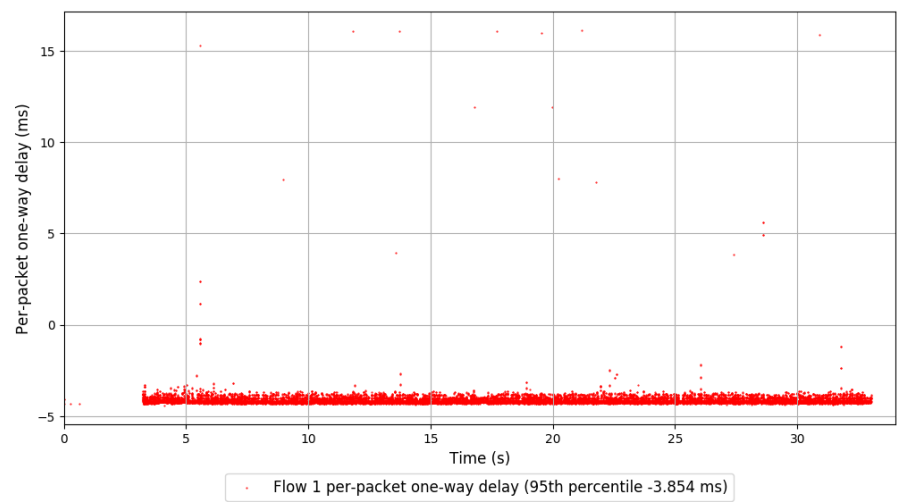
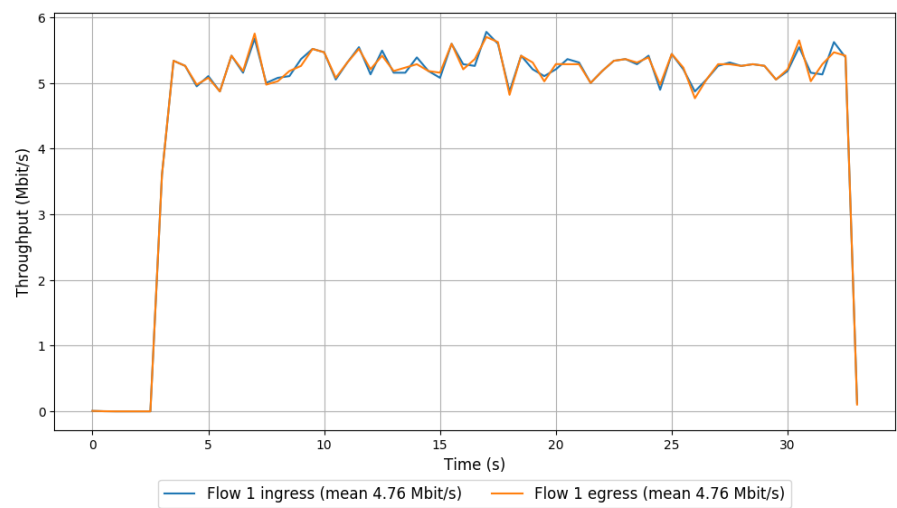
-- Flow 1:

Average throughput: 4.76 Mbit/s

95th percentile per-packet one-way delay: -3.854 ms

Loss rate: 0.00%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: Fri, 23 Jun 2017 18:36:11 +0000

End at: Fri, 23 Jun 2017 18:36:41 +0000

Local clock offset: -5.36 ms

Remote clock offset: 0.782 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:39:21 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 4.54 Mbit/s

95th percentile per-packet one-way delay: -3.567 ms

Loss rate: 0.00%

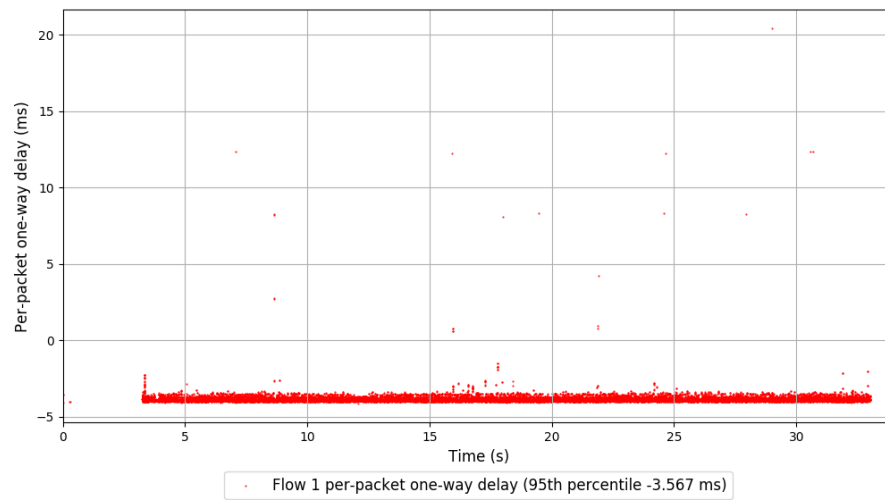
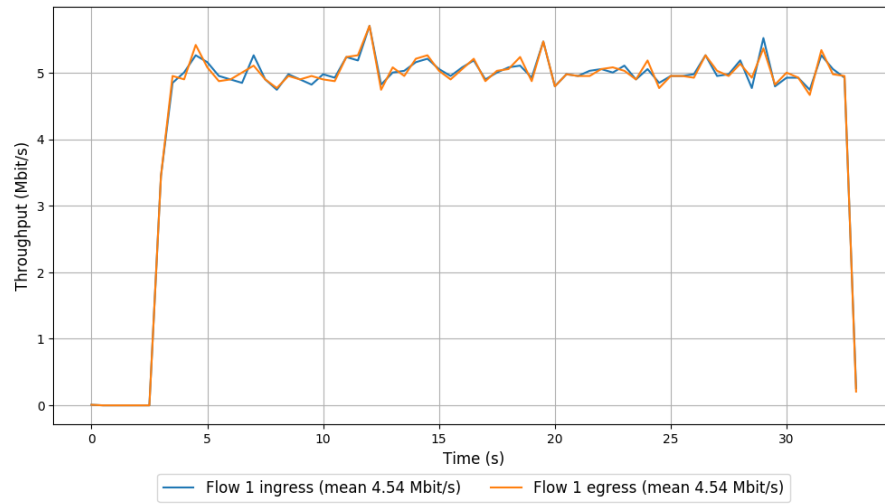
-- Flow 1:

Average throughput: 4.54 Mbit/s

95th percentile per-packet one-way delay: -3.567 ms

Loss rate: 0.00%

### Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: Fri, 23 Jun 2017 18:54:07 +0000

End at: Fri, 23 Jun 2017 18:54:37 +0000

Local clock offset: -2.787 ms

Remote clock offset: 0.532 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:39:27 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 4.82 Mbit/s

95th percentile per-packet one-way delay: -0.797 ms

Loss rate: 0.00%

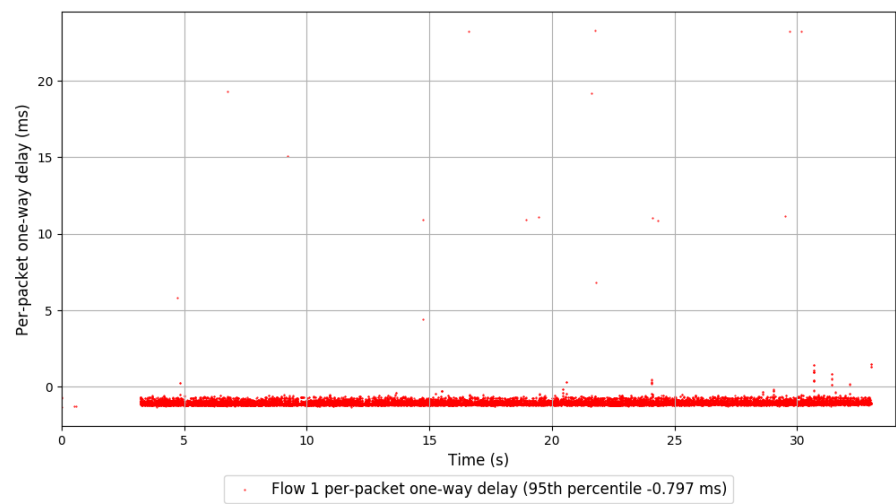
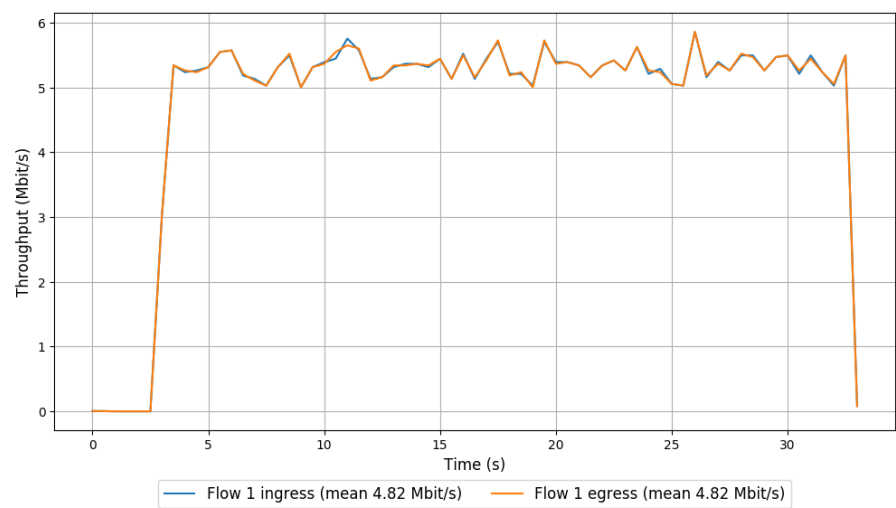
-- Flow 1:

Average throughput: 4.82 Mbit/s

95th percentile per-packet one-way delay: -0.797 ms

Loss rate: 0.00%

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

Start at: Fri, 23 Jun 2017 19:12:18 +0000

End at: Fri, 23 Jun 2017 19:12:48 +0000

Local clock offset: -1.734 ms

Remote clock offset: 0.473 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:39:32 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 4.77 Mbit/s

95th percentile per-packet one-way delay: 0.338 ms

Loss rate: 0.00%

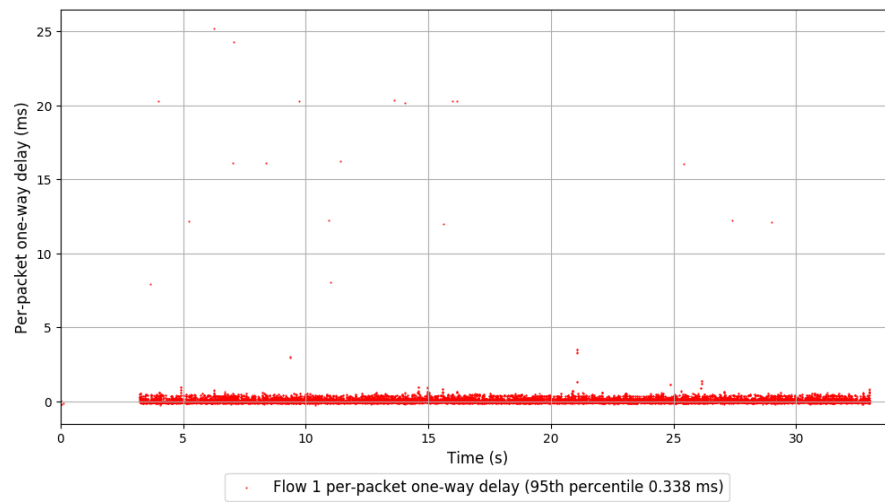
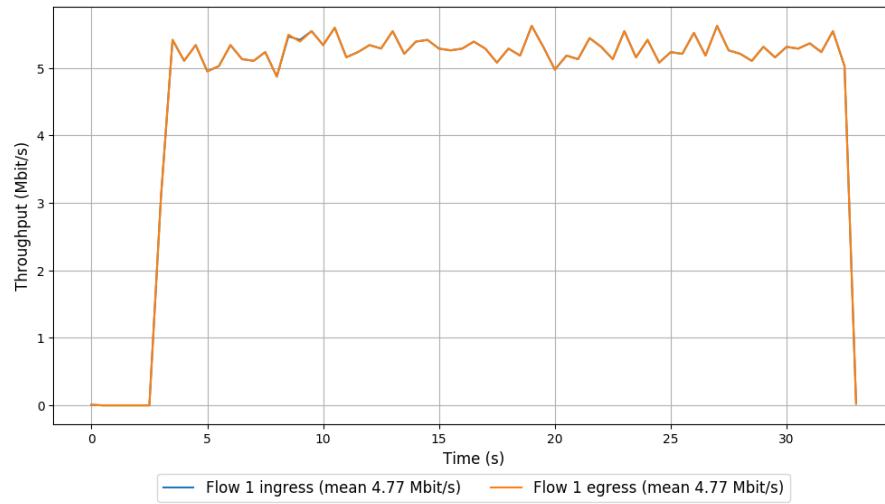
-- Flow 1:

Average throughput: 4.77 Mbit/s

95th percentile per-packet one-way delay: 0.338 ms

Loss rate: 0.00%

## Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

Start at: Fri, 23 Jun 2017 19:30:41 +0000

End at: Fri, 23 Jun 2017 19:31:11 +0000

Local clock offset: -2.308 ms

Remote clock offset: 0.362 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:39:32 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 0.986 ms

Loss rate: 0.00%

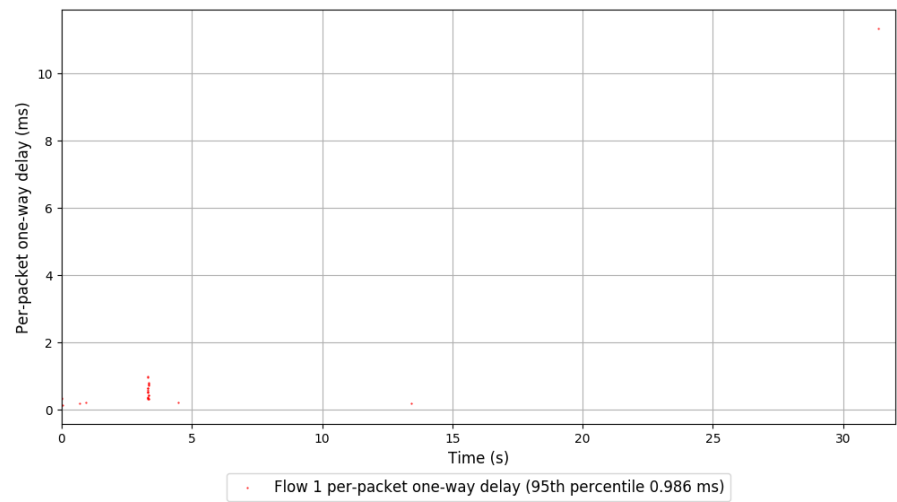
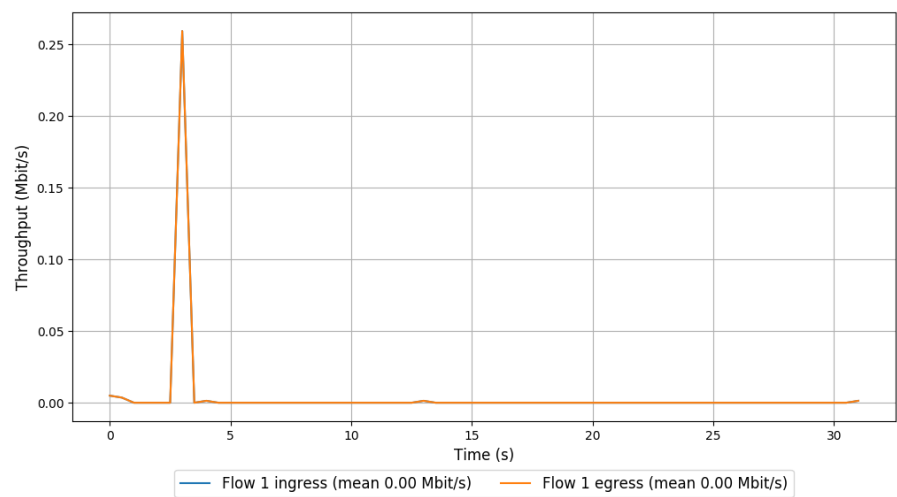
-- Flow 1:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 0.986 ms

Loss rate: 0.00%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: Fri, 23 Jun 2017 19:48:51 +0000

End at: Fri, 23 Jun 2017 19:49:21 +0000

Local clock offset: -0.944 ms

Remote clock offset: 0.278 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:39:42 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 4.80 Mbit/s

95th percentile per-packet one-way delay: 1.083 ms

Loss rate: 0.00%

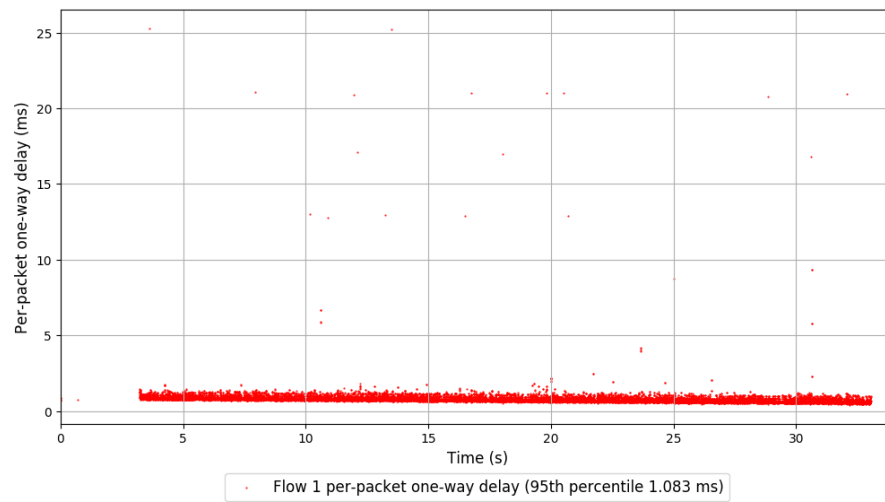
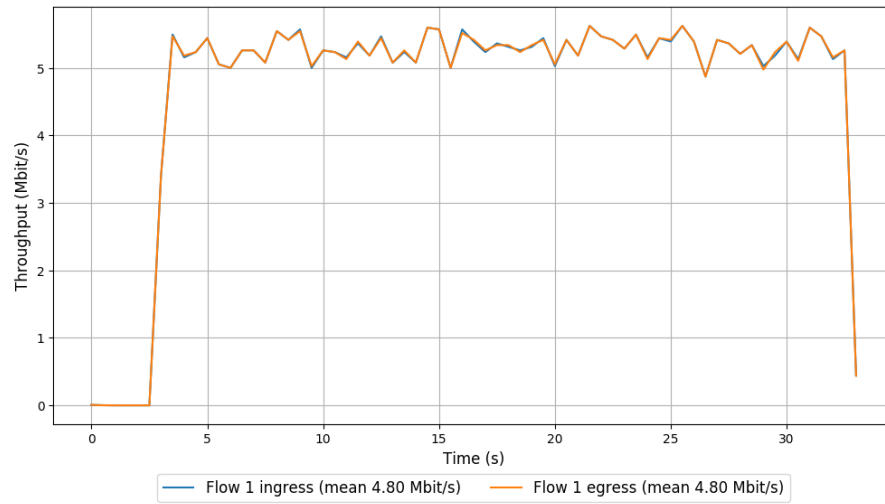
-- Flow 1:

Average throughput: 4.80 Mbit/s

95th percentile per-packet one-way delay: 1.083 ms

Loss rate: 0.00%

### Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: Fri, 23 Jun 2017 20:07:23 +0000

End at: Fri, 23 Jun 2017 20:07:53 +0000

Local clock offset: -4.571 ms

Remote clock offset: 0.19 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:39:42 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 3.42 Mbit/s

95th percentile per-packet one-way delay: -2.133 ms

Loss rate: 0.00%

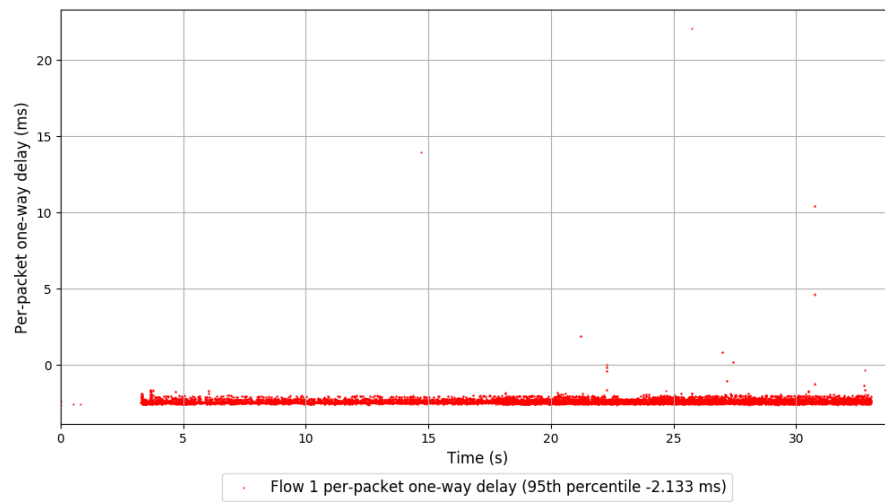
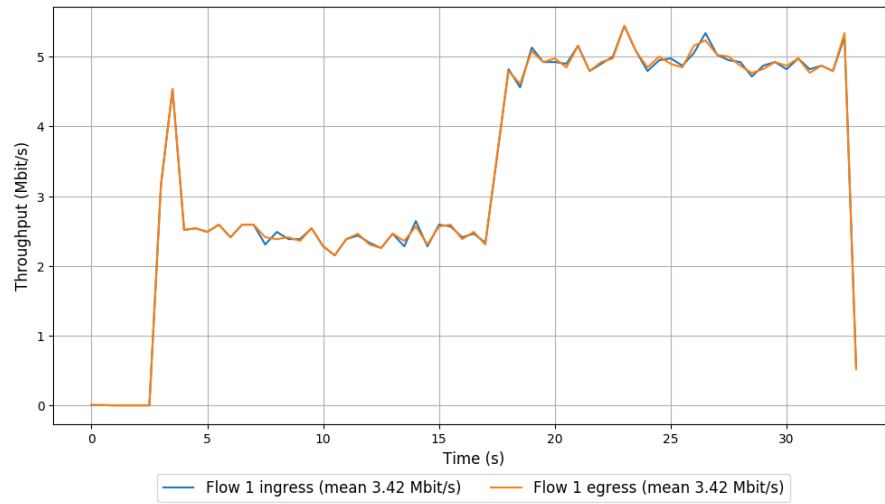
-- Flow 1:

Average throughput: 3.42 Mbit/s

95th percentile per-packet one-way delay: -2.133 ms

Loss rate: 0.00%

# Run 10: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

Start at: Fri, 23 Jun 2017 17:34:46 +0000

End at: Fri, 23 Jun 2017 17:35:16 +0000

Local clock offset: -3.045 ms

Remote clock offset: 0.166 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:40:27 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 87.73 Mbit/s

95th percentile per-packet one-way delay: 37.293 ms

Loss rate: 0.41%

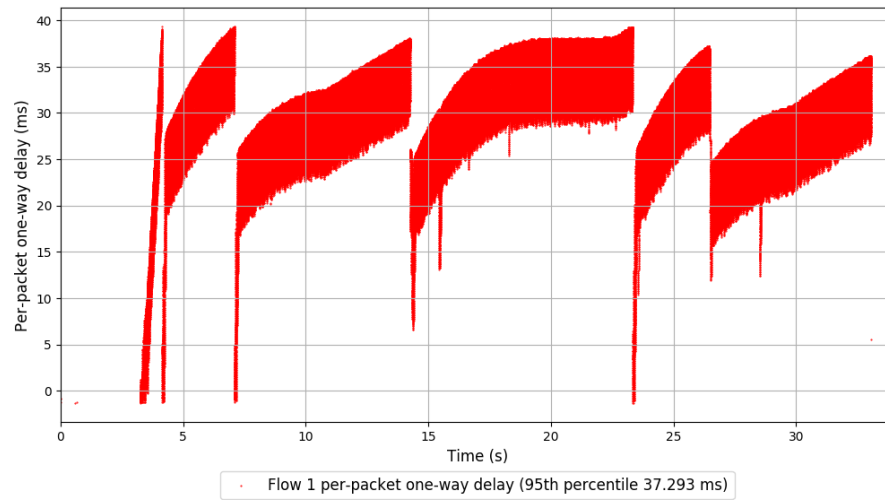
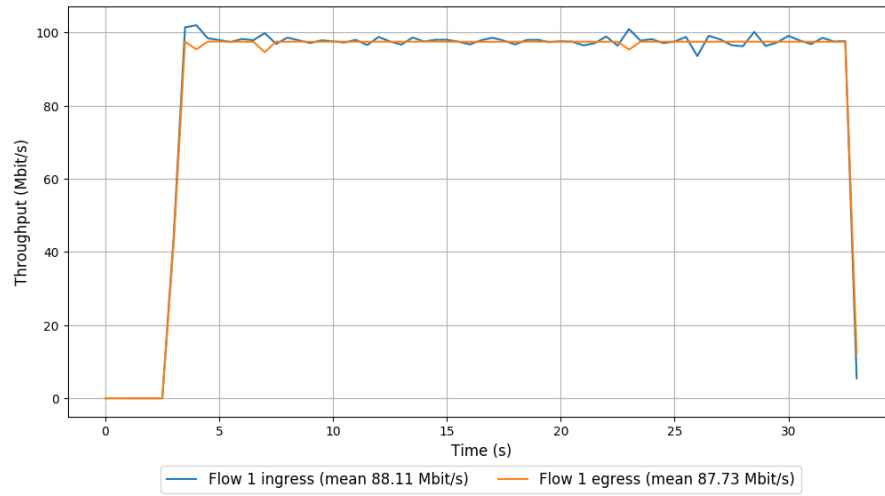
-- Flow 1:

Average throughput: 87.73 Mbit/s

95th percentile per-packet one-way delay: 37.293 ms

Loss rate: 0.41%

### Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: Fri, 23 Jun 2017 17:53:11 +0000

End at: Fri, 23 Jun 2017 17:53:41 +0000

Local clock offset: -6.177 ms

Remote clock offset: 0.426 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:40:31 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 87.39 Mbit/s

95th percentile per-packet one-way delay: 34.369 ms

Loss rate: 0.74%

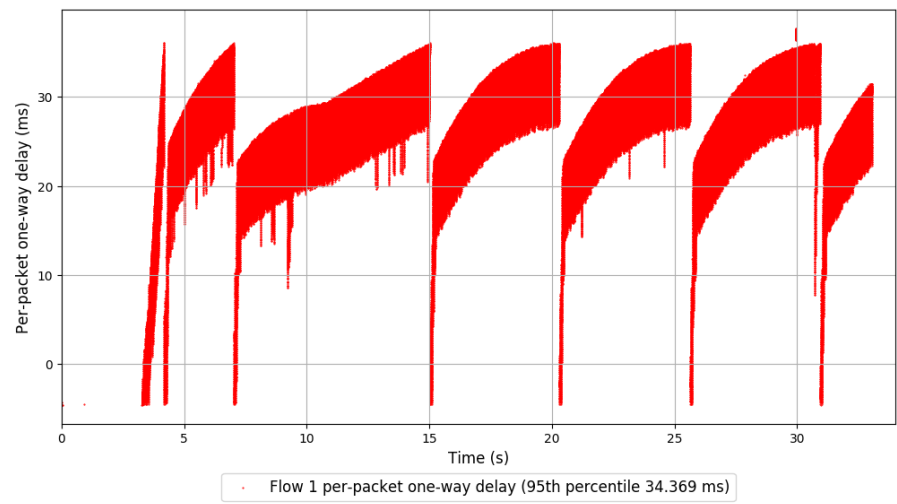
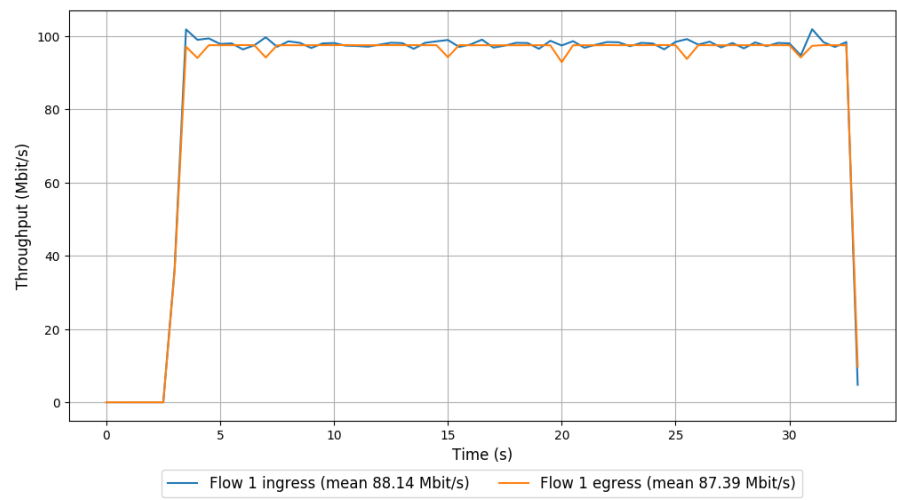
-- Flow 1:

Average throughput: 87.39 Mbit/s

95th percentile per-packet one-way delay: 34.369 ms

Loss rate: 0.74%

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: Fri, 23 Jun 2017 18:11:50 +0000

End at: Fri, 23 Jun 2017 18:12:20 +0000

Local clock offset: -5.942 ms

Remote clock offset: 0.676 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:41:11 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 86.64 Mbit/s

95th percentile per-packet one-way delay: 32.976 ms

Loss rate: 0.62%

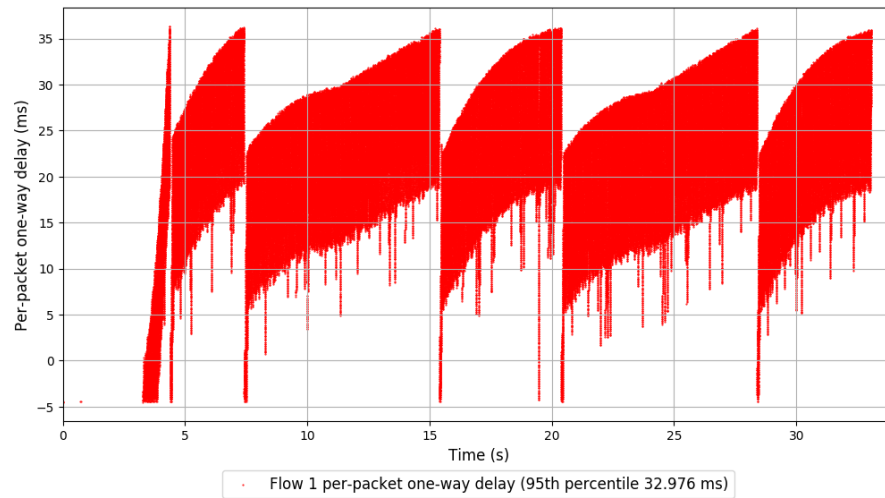
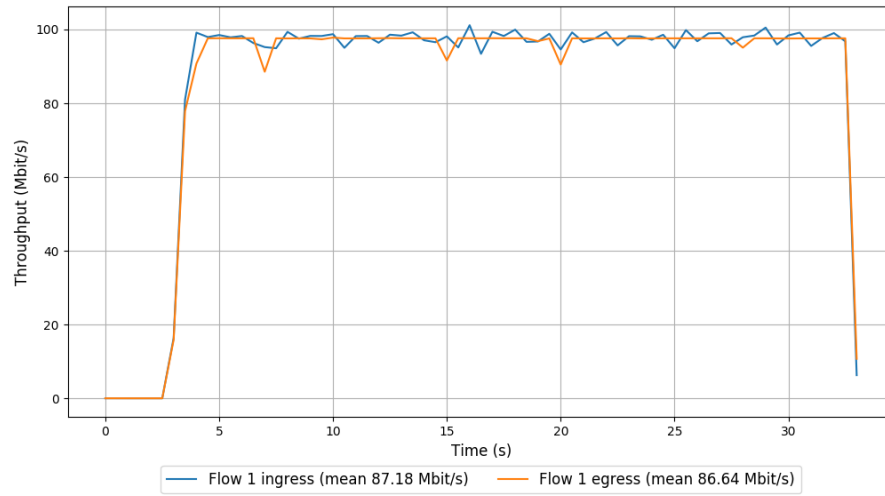
-- Flow 1:

Average throughput: 86.64 Mbit/s

95th percentile per-packet one-way delay: 32.976 ms

Loss rate: 0.62%

### Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: Fri, 23 Jun 2017 18:30:03 +0000

End at: Fri, 23 Jun 2017 18:30:33 +0000

Local clock offset: -5.421 ms

Remote clock offset: 0.835 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:41:16 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 87.07 Mbit/s

95th percentile per-packet one-way delay: 35.483 ms

Loss rate: 0.72%

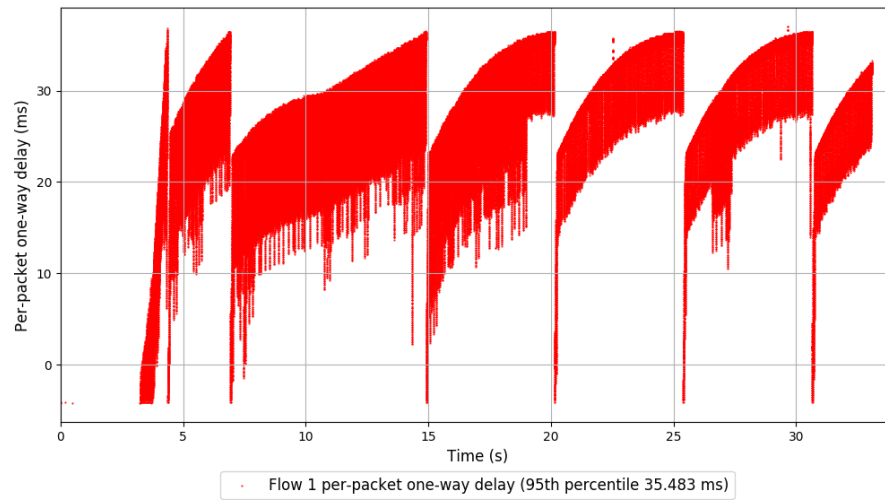
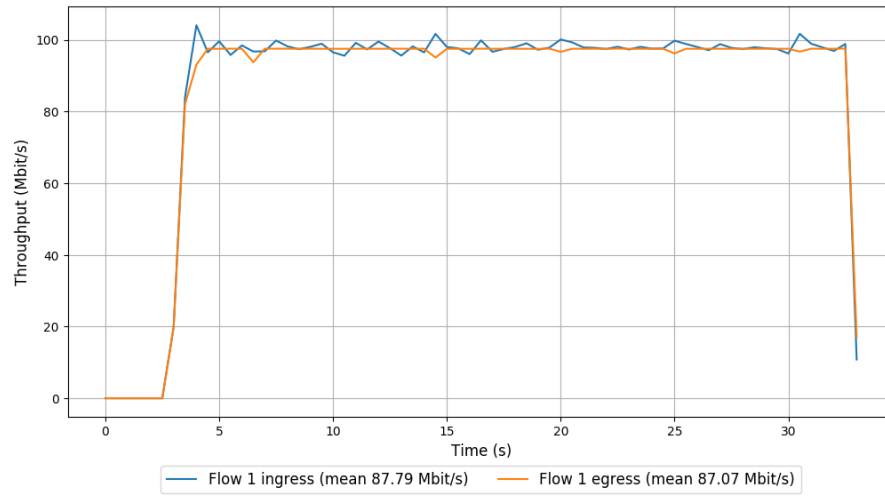
-- Flow 1:

Average throughput: 87.07 Mbit/s

95th percentile per-packet one-way delay: 35.483 ms

Loss rate: 0.72%

#### Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: Fri, 23 Jun 2017 18:48:18 +0000

End at: Fri, 23 Jun 2017 18:48:48 +0000

Local clock offset: -3.271 ms

Remote clock offset: 0.579 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:41:55 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 87.64 Mbit/s

95th percentile per-packet one-way delay: 37.150 ms

Loss rate: 0.62%

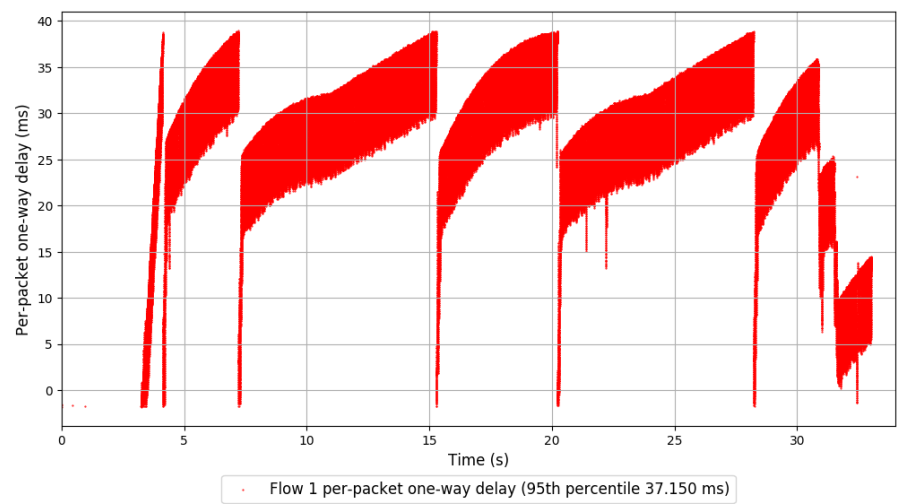
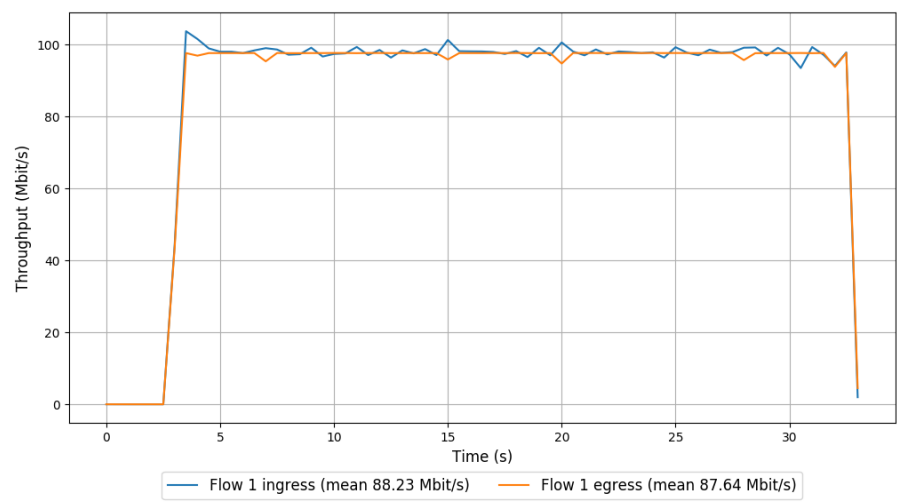
-- Flow 1:

Average throughput: 87.64 Mbit/s

95th percentile per-packet one-way delay: 37.150 ms

Loss rate: 0.62%

Run 5: Report of TCP Cubic — Data Link



Run 6: Statistics of TCP Cubic

Start at: Fri, 23 Jun 2017 19:06:09 +0000

End at: Fri, 23 Jun 2017 19:06:39 +0000

Local clock offset: -2.122 ms

Remote clock offset: 0.482 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:42:00 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 87.55 Mbit/s

95th percentile per-packet one-way delay: 35.492 ms

Loss rate: 0.50%

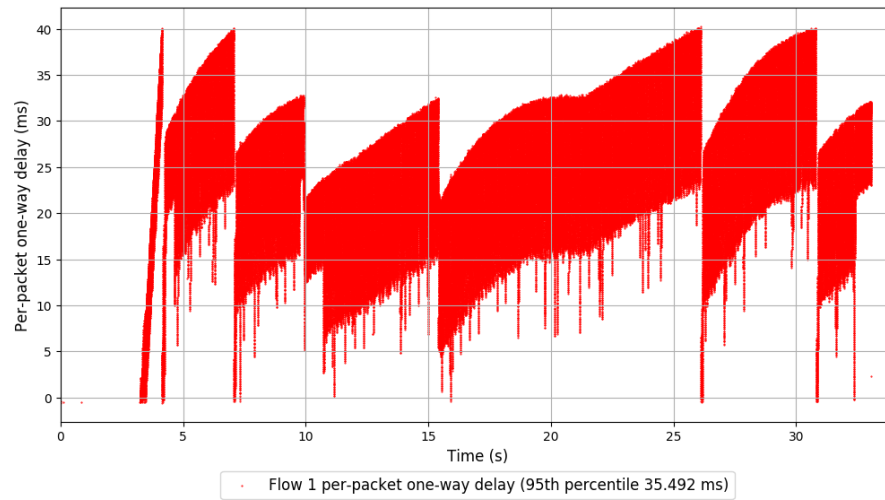
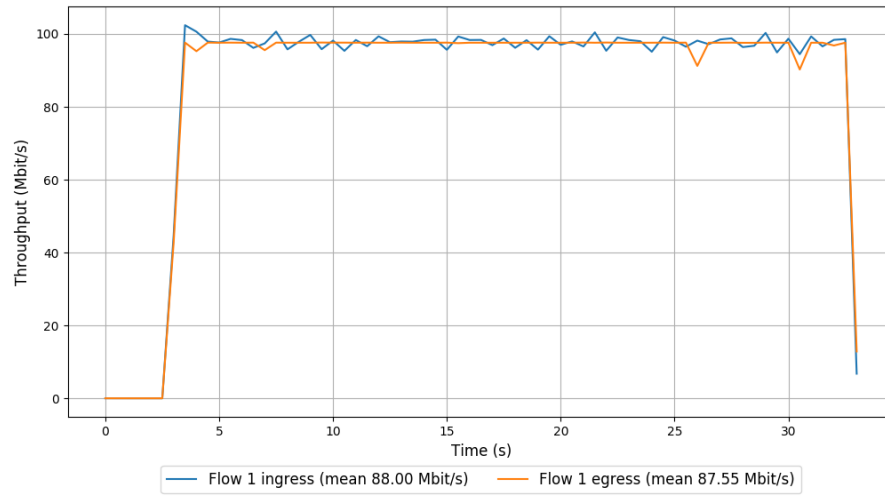
-- Flow 1:

Average throughput: 87.55 Mbit/s

95th percentile per-packet one-way delay: 35.492 ms

Loss rate: 0.50%

## Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: Fri, 23 Jun 2017 19:24:31 +0000

End at: Fri, 23 Jun 2017 19:25:01 +0000

Local clock offset: -1.551 ms

Remote clock offset: 0.434 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:42:39 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 87.60 Mbit/s

95th percentile per-packet one-way delay: 38.549 ms

Loss rate: 0.65%

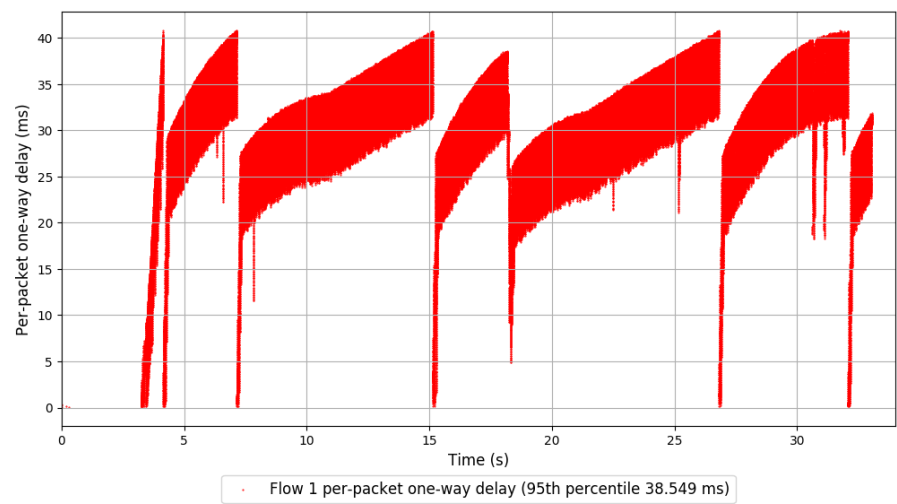
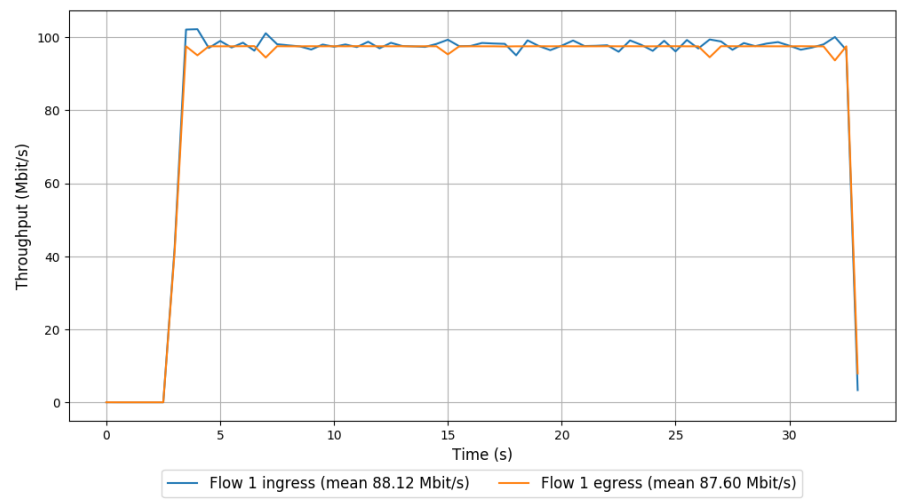
-- Flow 1:

Average throughput: 87.60 Mbit/s

95th percentile per-packet one-way delay: 38.549 ms

Loss rate: 0.65%

Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: Fri, 23 Jun 2017 19:42:46 +0000

End at: Fri, 23 Jun 2017 19:43:16 +0000

Local clock offset: -1.203 ms

Remote clock offset: 0.232 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:42:45 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 86.89 Mbit/s

95th percentile per-packet one-way delay: 39.213 ms

Loss rate: 0.67%

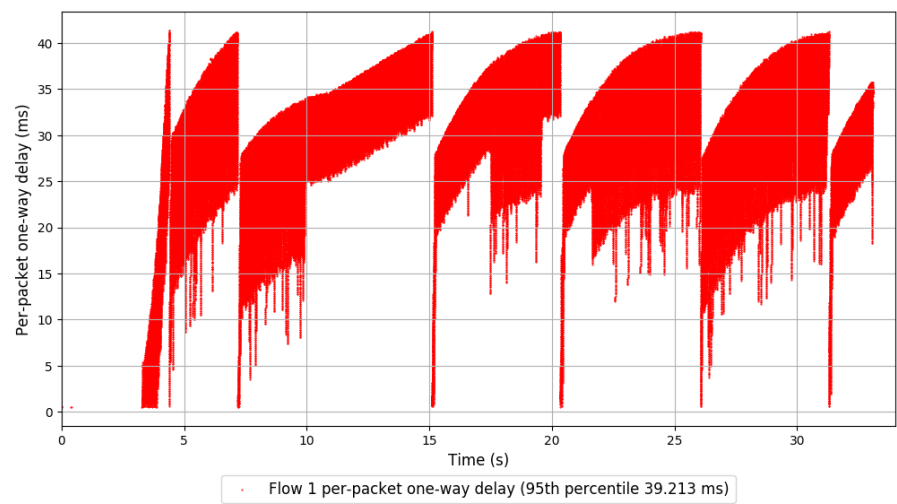
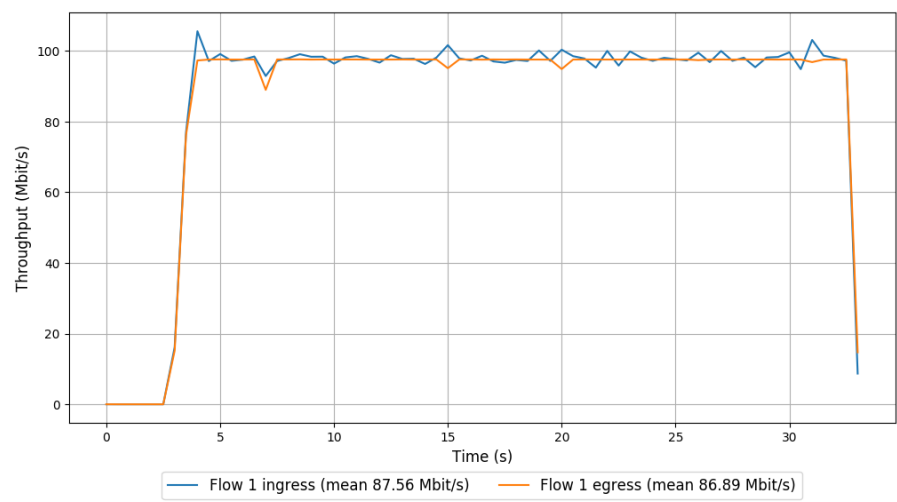
-- Flow 1:

Average throughput: 86.89 Mbit/s

95th percentile per-packet one-way delay: 39.213 ms

Loss rate: 0.67%

Run 8: Report of TCP Cubic — Data Link



Run 9: Statistics of TCP Cubic

Start at: Fri, 23 Jun 2017 20:01:13 +0000

End at: Fri, 23 Jun 2017 20:01:43 +0000

Local clock offset: -4.679 ms

Remote clock offset: 0.201 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:43:24 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 87.73 Mbit/s

95th percentile per-packet one-way delay: 33.371 ms

Loss rate: 0.42%

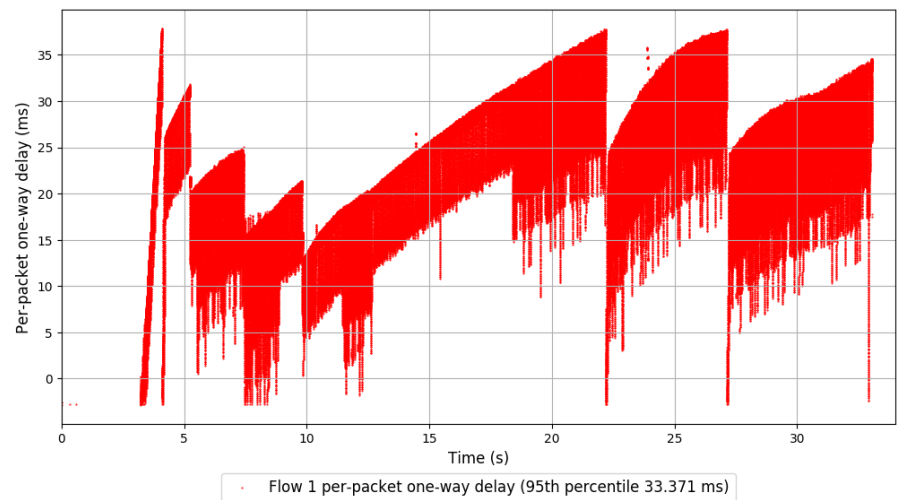
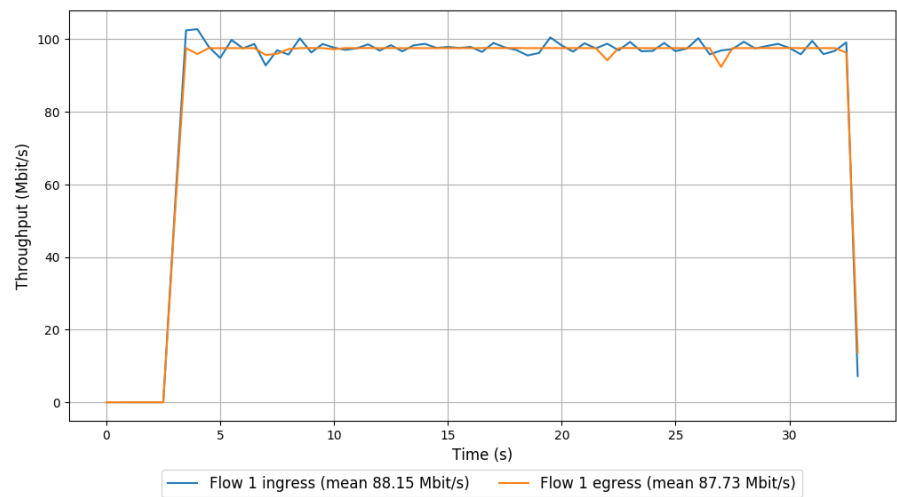
-- Flow 1:

Average throughput: 87.73 Mbit/s

95th percentile per-packet one-way delay: 33.371 ms

Loss rate: 0.42%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: Fri, 23 Jun 2017 20:19:30 +0000

End at: Fri, 23 Jun 2017 20:20:00 +0000

Local clock offset: -4.432 ms

Remote clock offset: 0.091 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:43:29 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 87.16 Mbit/s

95th percentile per-packet one-way delay: 35.640 ms

Loss rate: 0.48%

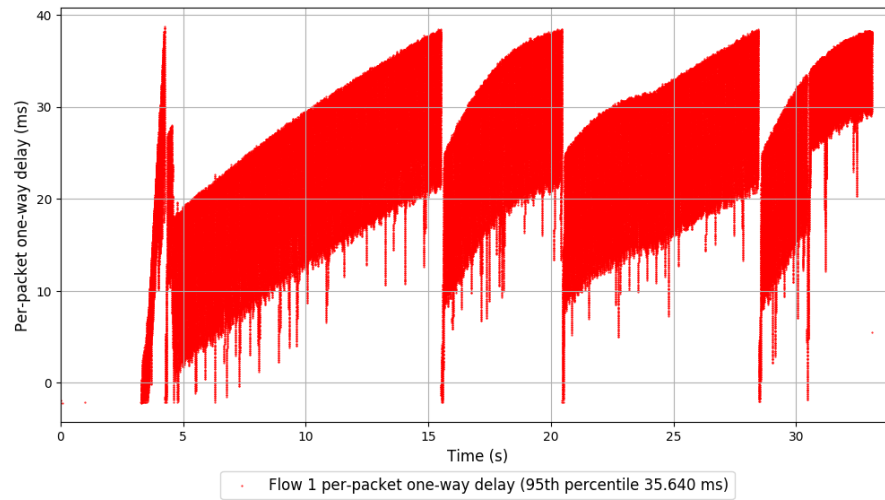
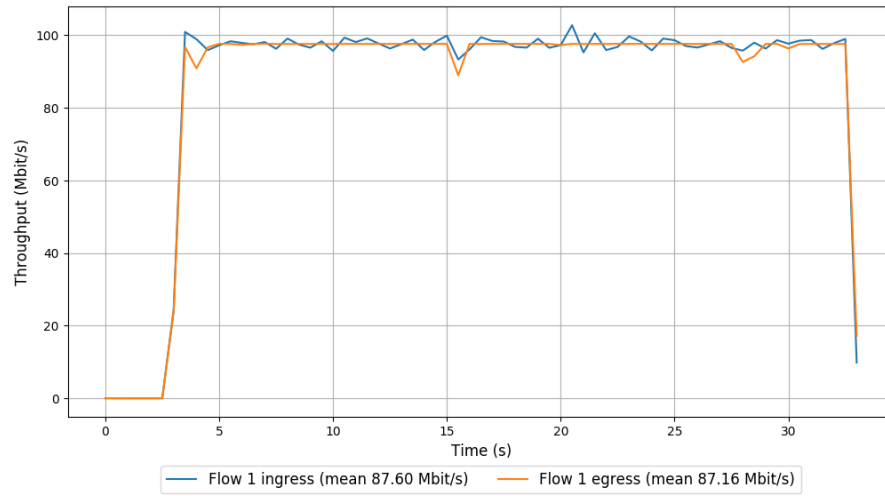
-- Flow 1:

Average throughput: 87.16 Mbit/s

95th percentile per-packet one-way delay: 35.640 ms

Loss rate: 0.48%

### Run 10: Report of TCP Cubic — Data Link



Run 1: Statistics of KohoCC

Start at: Fri, 23 Jun 2017 17:20:23 +0000

End at: Fri, 23 Jun 2017 17:20:53 +0000

Local clock offset: -1.897 ms

Remote clock offset: 0.089 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:43:47 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 37.68 Mbit/s

95th percentile per-packet one-way delay: 1.819 ms

Loss rate: 0.00%

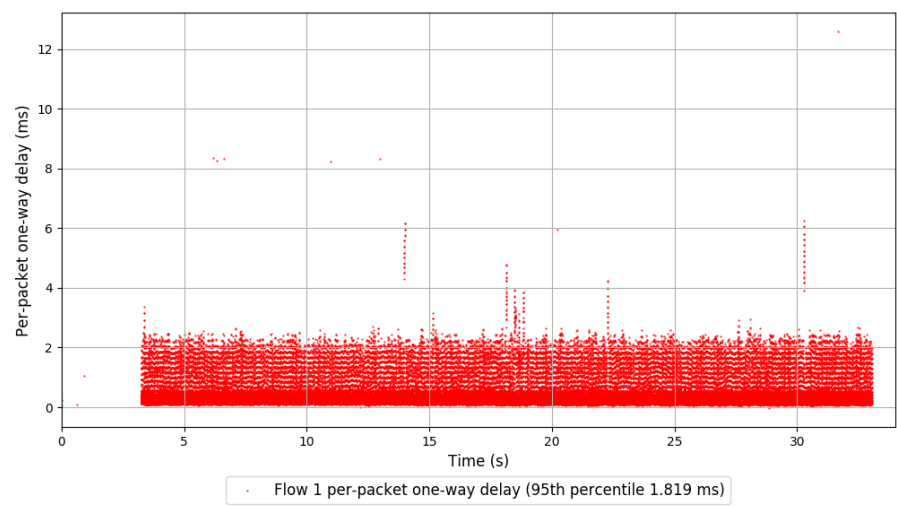
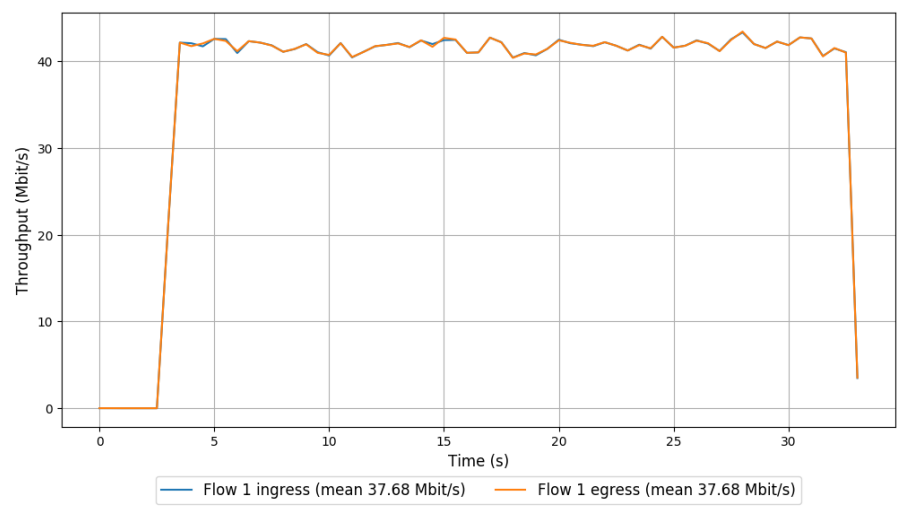
-- Flow 1:

Average throughput: 37.68 Mbit/s

95th percentile per-packet one-way delay: 1.819 ms

Loss rate: 0.00%

Run 1: Report of KohoCC — Data Link



Run 2: Statistics of KohoCC

Start at: Fri, 23 Jun 2017 17:38:42 +0000

End at: Fri, 23 Jun 2017 17:39:12 +0000

Local clock offset: -4.059 ms

Remote clock offset: 0.263 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:43:47 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 4.87 Mbit/s

95th percentile per-packet one-way delay: -2.200 ms

Loss rate: 0.00%

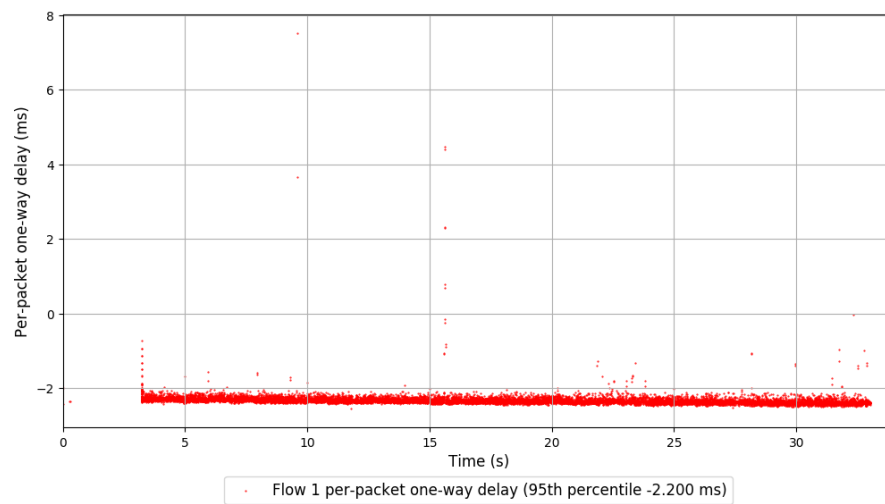
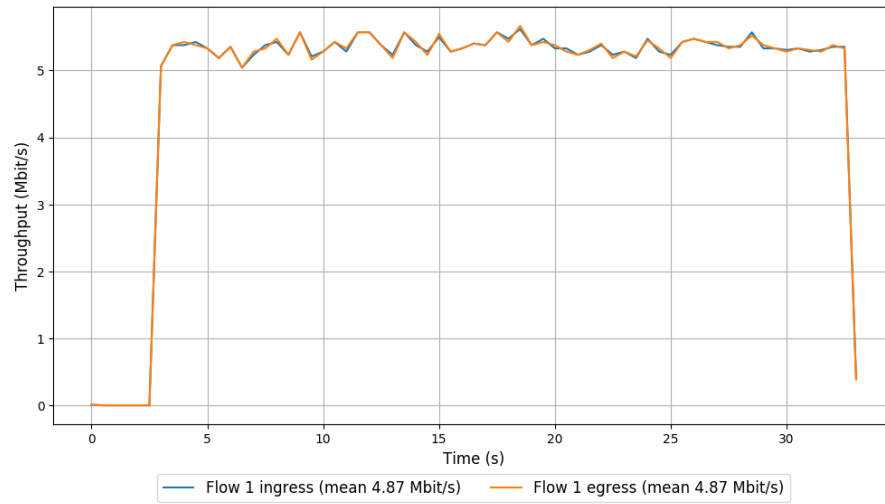
-- Flow 1:

Average throughput: 4.87 Mbit/s

95th percentile per-packet one-way delay: -2.200 ms

Loss rate: 0.00%

## Run 2: Report of KohoCC — Data Link



Run 3: Statistics of KohoCC

Start at: Fri, 23 Jun 2017 17:57:10 +0000

End at: Fri, 23 Jun 2017 17:57:40 +0000

Local clock offset: -6.397 ms

Remote clock offset: 0.556 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:44:00 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 44.46 Mbit/s

95th percentile per-packet one-way delay: -2.795 ms

Loss rate: 0.00%

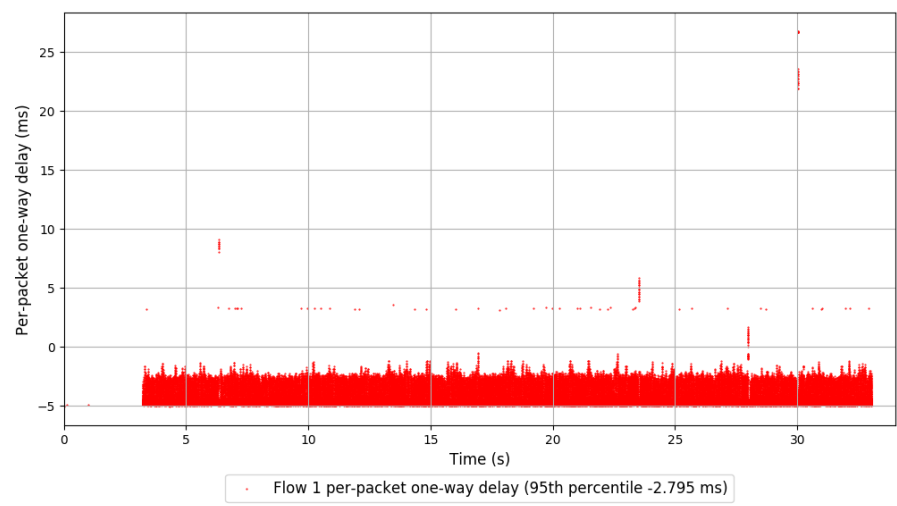
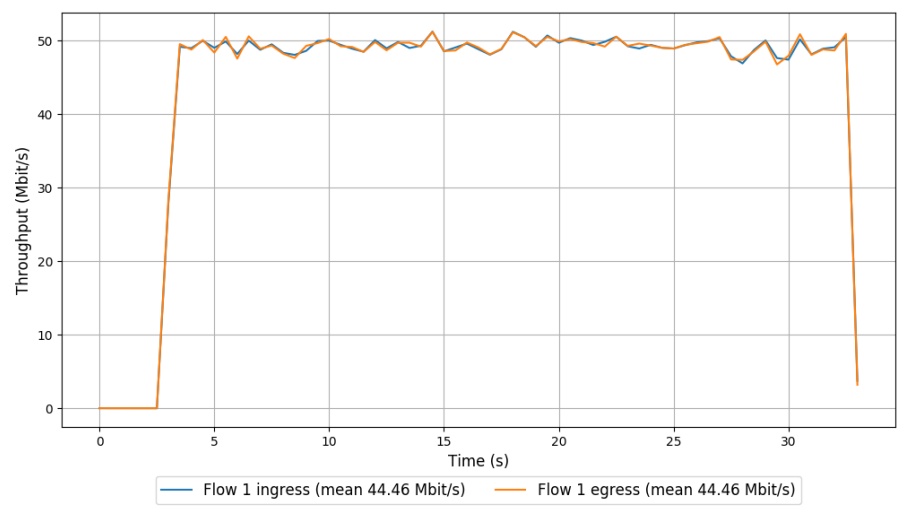
-- Flow 1:

Average throughput: 44.46 Mbit/s

95th percentile per-packet one-way delay: -2.795 ms

Loss rate: 0.00%

Run 3: Report of KohoCC — Data Link



Run 4: Statistics of KohoCC

Start at: Fri, 23 Jun 2017 18:15:48 +0000

End at: Fri, 23 Jun 2017 18:16:18 +0000

Local clock offset: -5.74 ms

Remote clock offset: 0.728 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:44:00 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 4.89 Mbit/s

95th percentile per-packet one-way delay: -4.143 ms

Loss rate: 0.00%

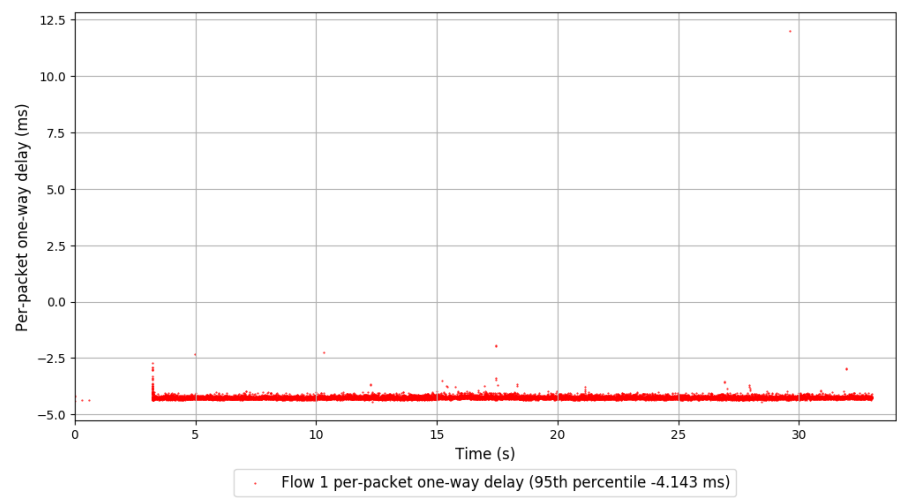
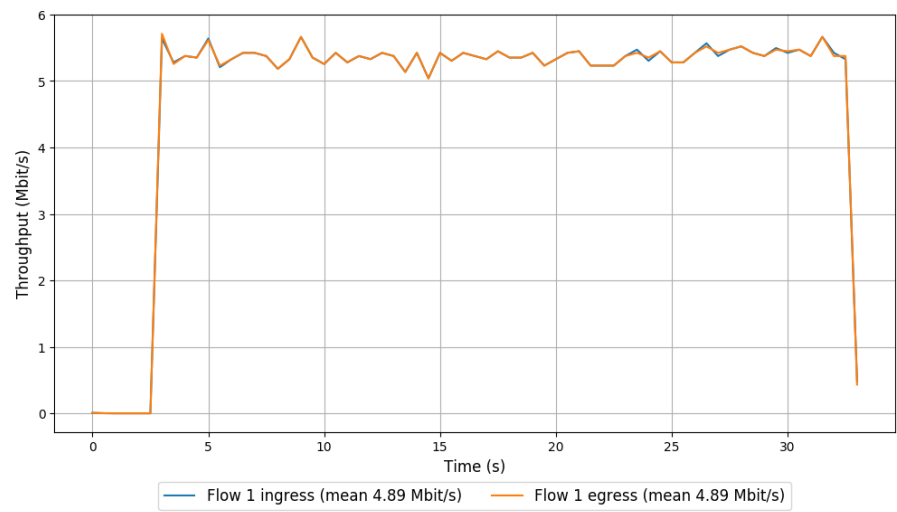
-- Flow 1:

Average throughput: 4.89 Mbit/s

95th percentile per-packet one-way delay: -4.143 ms

Loss rate: 0.00%

Run 4: Report of KohoCC — Data Link



Run 5: Statistics of KohoCC

Start at: Fri, 23 Jun 2017 18:33:59 +0000

End at: Fri, 23 Jun 2017 18:34:29 +0000

Local clock offset: -5.37 ms

Remote clock offset: 0.768 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:44:02 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 6.32 Mbit/s

95th percentile per-packet one-way delay: -2.623 ms

Loss rate: 0.00%

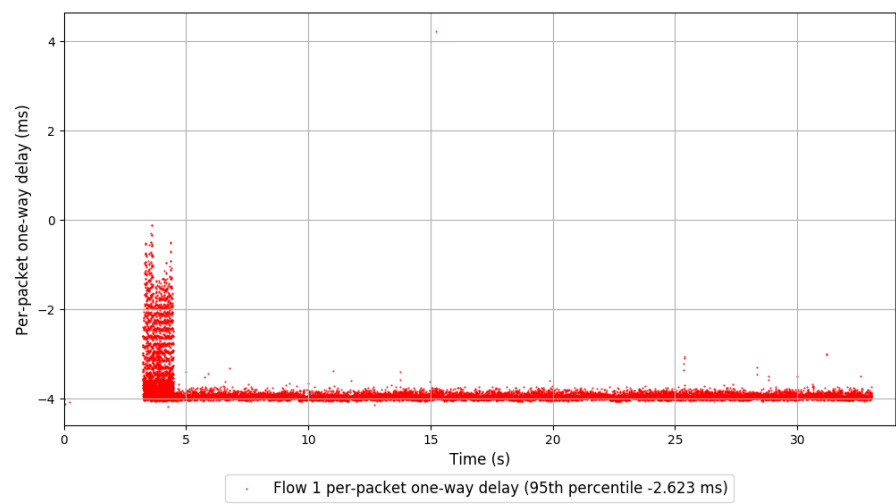
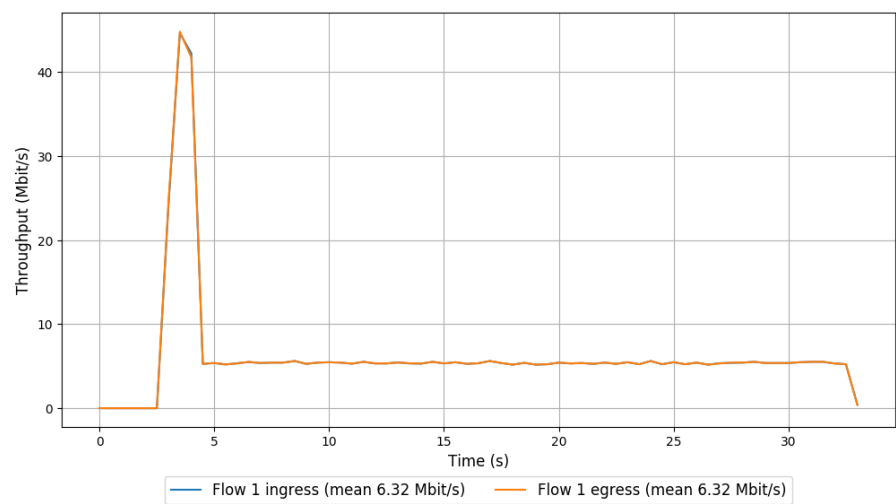
-- Flow 1:

Average throughput: 6.32 Mbit/s

95th percentile per-packet one-way delay: -2.623 ms

Loss rate: 0.00%

Run 5: Report of KohoCC — Data Link



Run 6: Statistics of KohoCC

Start at: Fri, 23 Jun 2017 18:51:57 +0000

End at: Fri, 23 Jun 2017 18:52:27 +0000

Local clock offset: -2.983 ms

Remote clock offset: 0.592 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:44:07 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.16 Mbit/s

95th percentile per-packet one-way delay: -1.067 ms

Loss rate: 0.00%

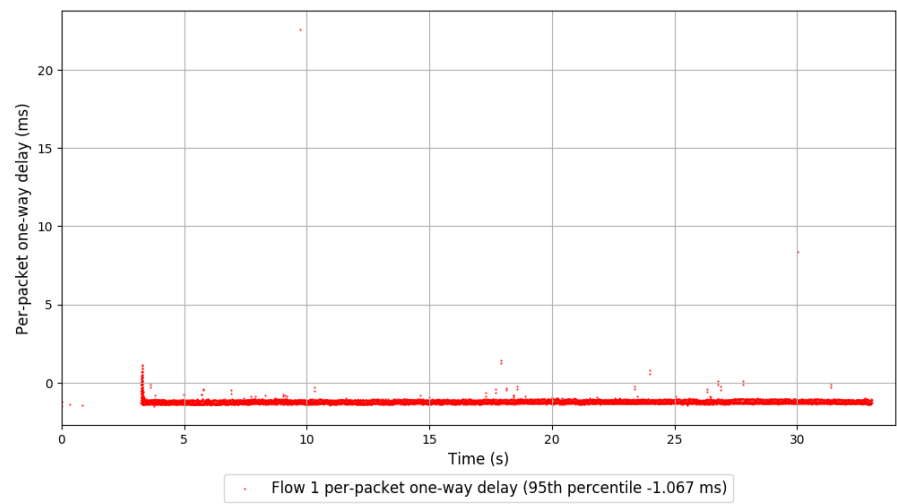
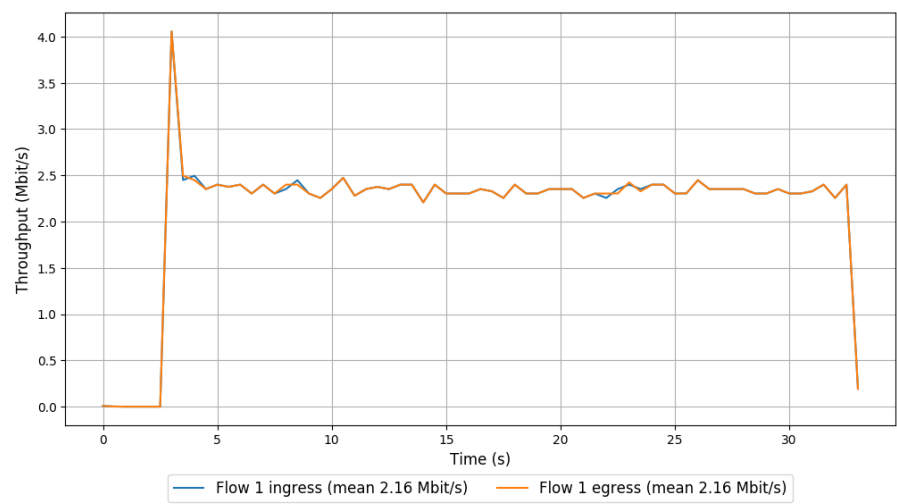
-- Flow 1:

Average throughput: 2.16 Mbit/s

95th percentile per-packet one-way delay: -1.067 ms

Loss rate: 0.00%

Run 6: Report of KohoCC — Data Link



Run 7: Statistics of KohoCC

Start at: Fri, 23 Jun 2017 19:10:07 +0000

End at: Fri, 23 Jun 2017 19:10:37 +0000

Local clock offset: -1.824 ms

Remote clock offset: 0.497 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:44:09 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 4.86 Mbit/s

95th percentile per-packet one-way delay: 0.031 ms

Loss rate: 0.00%

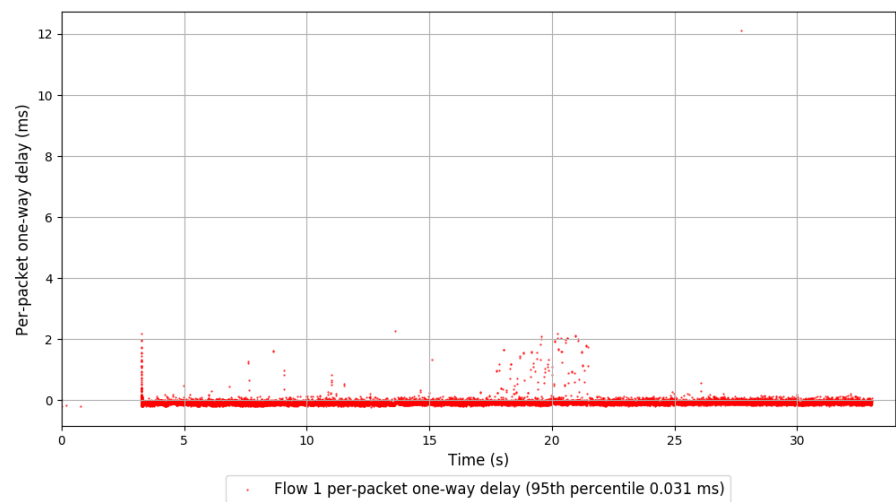
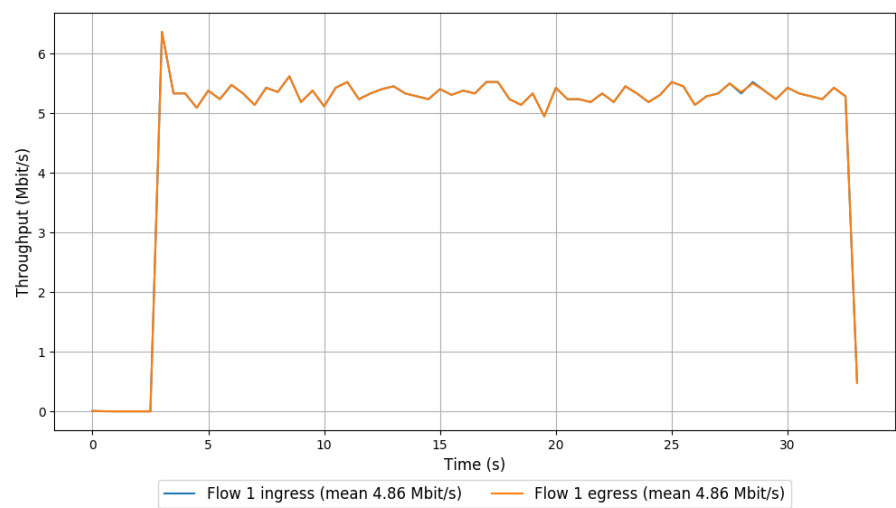
-- Flow 1:

Average throughput: 4.86 Mbit/s

95th percentile per-packet one-way delay: 0.031 ms

Loss rate: 0.00%

Run 7: Report of KohoCC — Data Link



Run 8: Statistics of KohoCC

Start at: Fri, 23 Jun 2017 19:28:29 +0000

End at: Fri, 23 Jun 2017 19:28:59 +0000

Local clock offset: -1.574 ms

Remote clock offset: 0.382 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:44:14 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 7.89 Mbit/s

95th percentile per-packet one-way delay: 1.115 ms

Loss rate: 0.00%

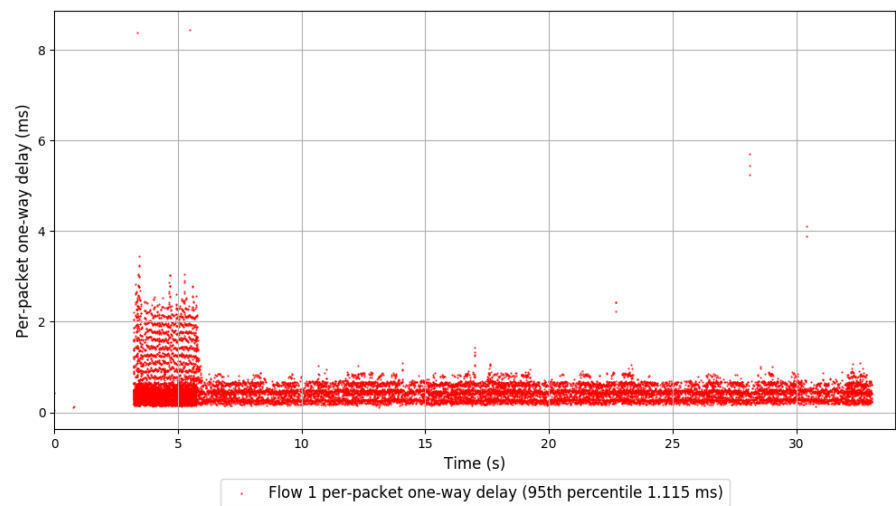
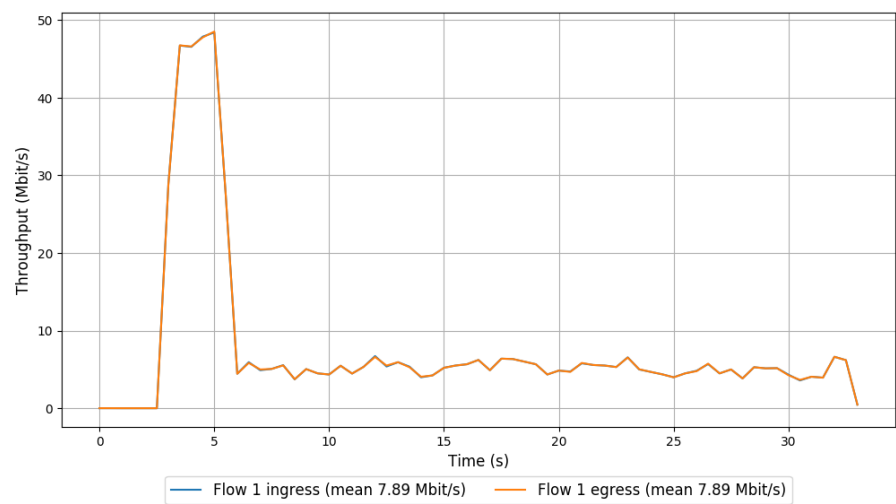
-- Flow 1:

Average throughput: 7.89 Mbit/s

95th percentile per-packet one-way delay: 1.115 ms

Loss rate: 0.00%

Run 8: Report of KohoCC — Data Link



Run 9: Statistics of KohoCC

Start at: Fri, 23 Jun 2017 19:46:41 +0000

End at: Fri, 23 Jun 2017 19:47:11 +0000

Local clock offset: -1.059 ms

Remote clock offset: 0.285 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:44:16 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.23 Mbit/s

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

Loss rate: 0.00%

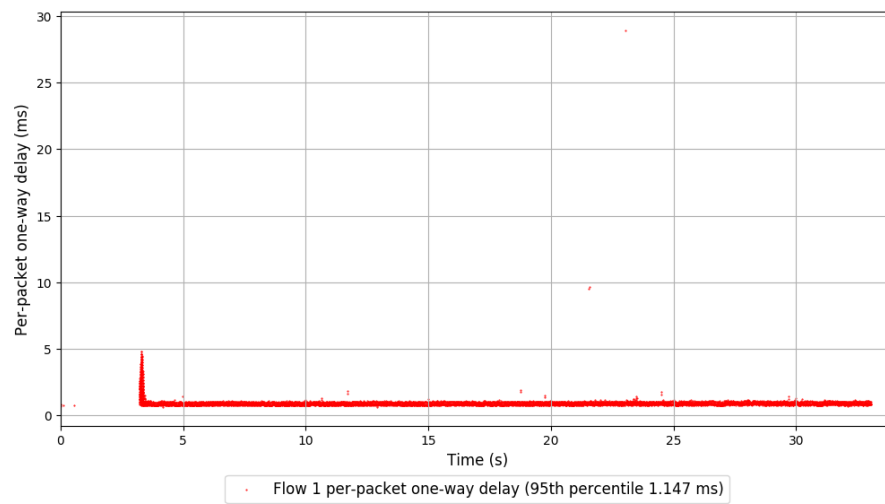
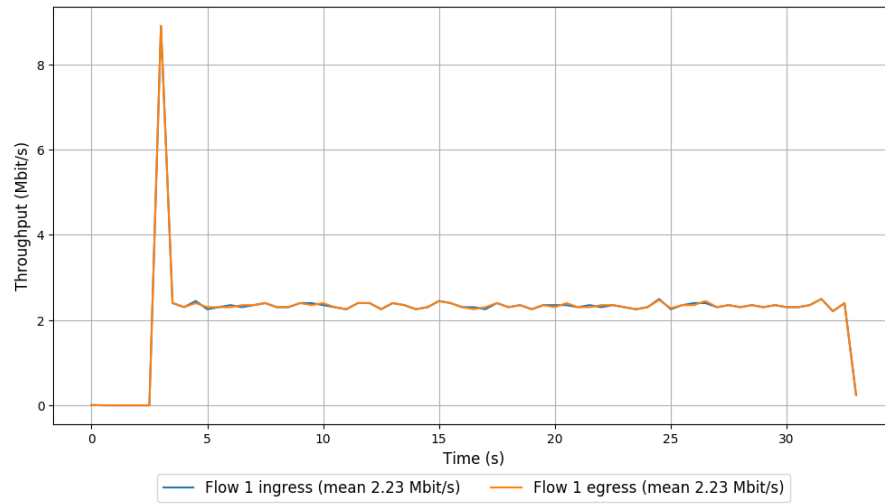
-- Flow 1:

Average throughput: 2.23 Mbit/s

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

Loss rate: 0.00%

### Run 9: Report of KohoCC — Data Link



Run 10: Statistics of KohoCC

Start at: Fri, 23 Jun 2017 20:05:07 +0000

End at: Fri, 23 Jun 2017 20:05:37 +0000

Local clock offset: -4.569 ms

Remote clock offset: 0.176 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:44:21 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 5.83 Mbit/s

95th percentile per-packet one-way delay: -2.343 ms

Loss rate: 0.00%

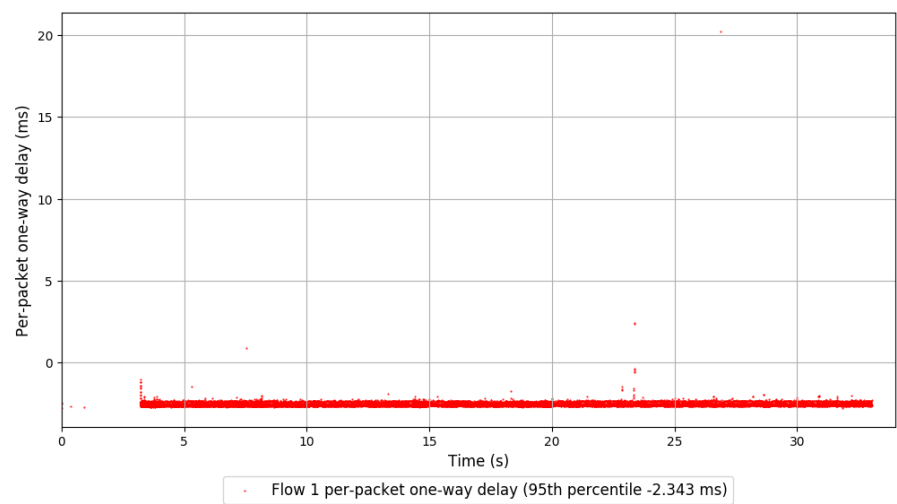
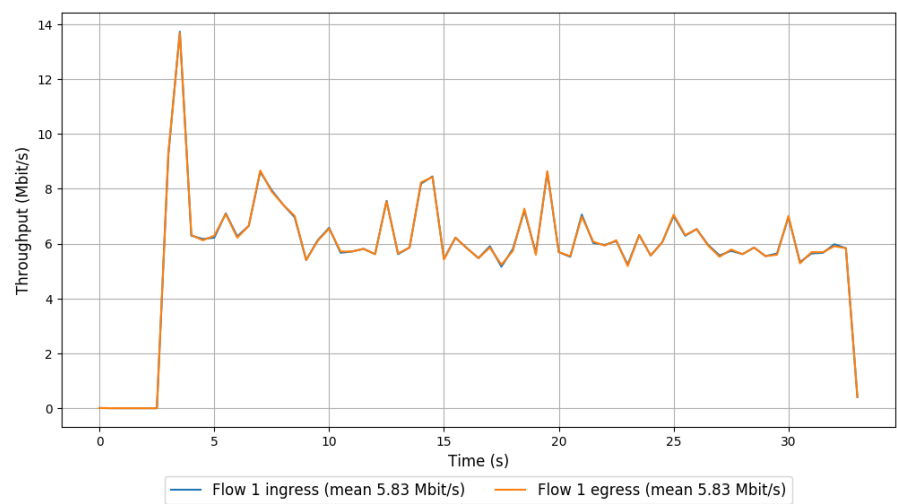
-- Flow 1:

Average throughput: 5.83 Mbit/s

95th percentile per-packet one-way delay: -2.343 ms

Loss rate: 0.00%

Run 10: Report of KohoCC — Data Link



Run 1: Statistics of LEDBAT

Start at: Fri, 23 Jun 2017 17:32:20 +0000

End at: Fri, 23 Jun 2017 17:32:50 +0000

Local clock offset: -2.188 ms

Remote clock offset: 0.109 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:44:39 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 39.71 Mbit/s

95th percentile per-packet one-way delay: 18.900 ms

Loss rate: 0.09%

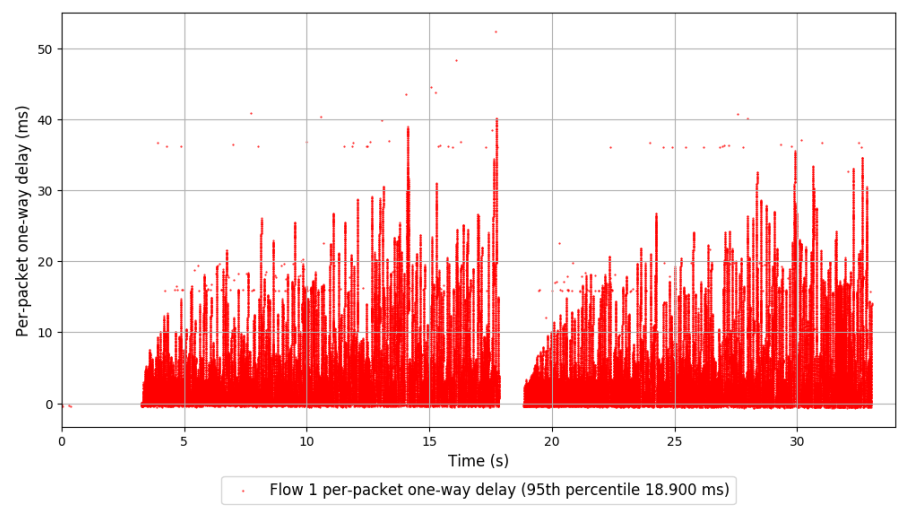
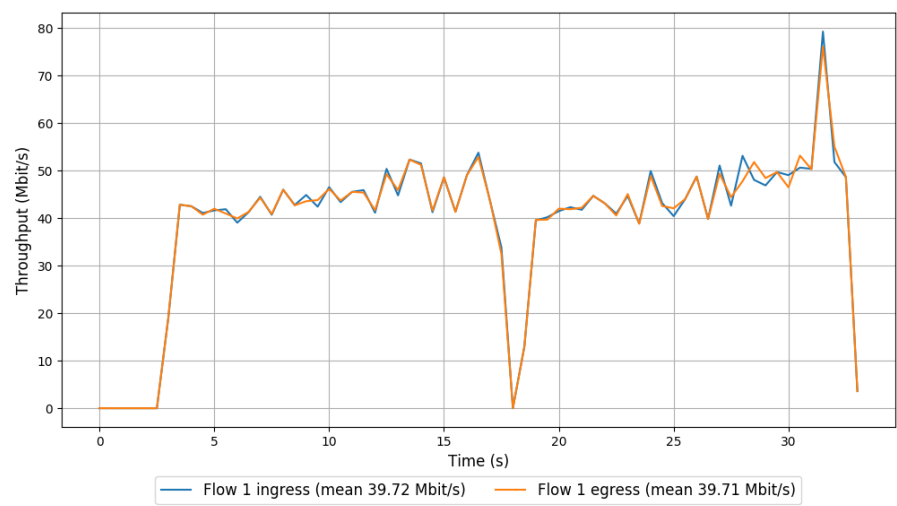
-- Flow 1:

Average throughput: 39.71 Mbit/s

95th percentile per-packet one-way delay: 18.900 ms

Loss rate: 0.09%

Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: Fri, 23 Jun 2017 17:50:46 +0000

End at: Fri, 23 Jun 2017 17:51:16 +0000

Local clock offset: -5.888 ms

Remote clock offset: 0.472 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:44:43 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 38.89 Mbit/s

95th percentile per-packet one-way delay: 15.124 ms

Loss rate: 0.32%

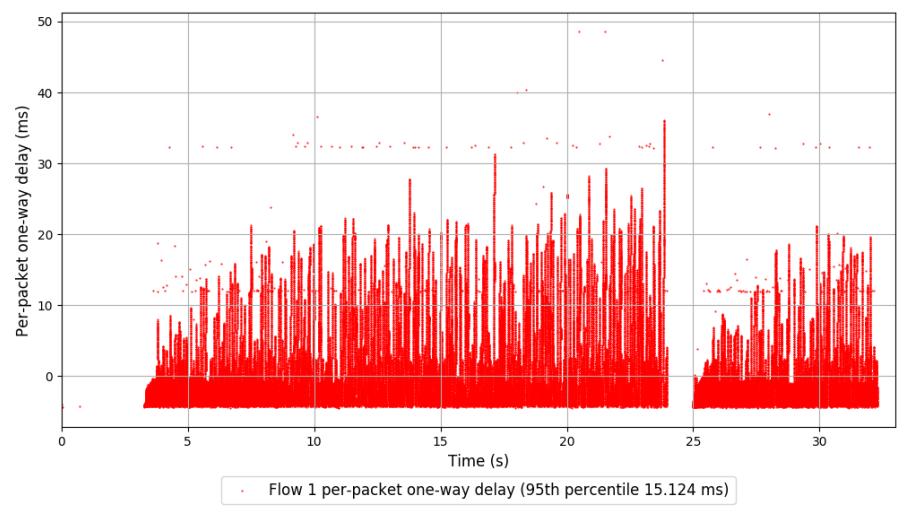
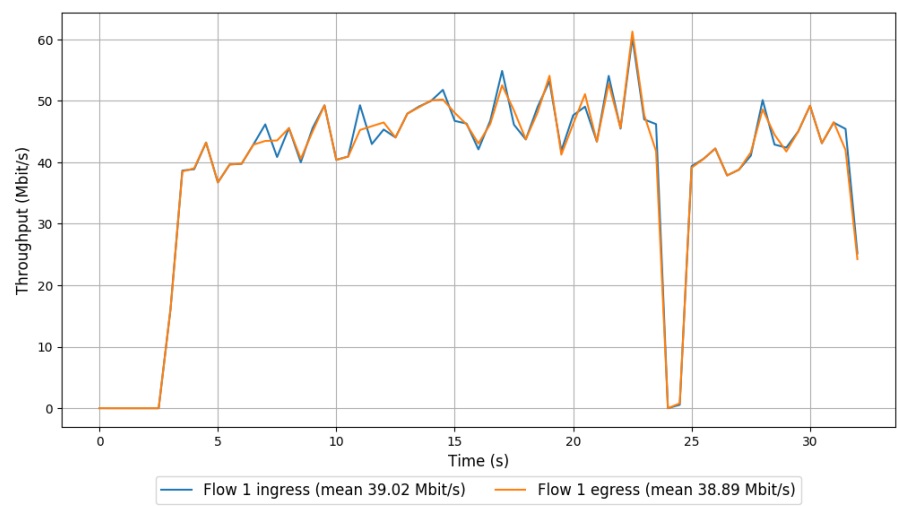
-- Flow 1:

Average throughput: 38.89 Mbit/s

95th percentile per-packet one-way delay: 15.124 ms

Loss rate: 0.32%

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: Fri, 23 Jun 2017 18:09:23 +0000

End at: Fri, 23 Jun 2017 18:09:53 +0000

Local clock offset: -7.754 ms

Remote clock offset: 0.659 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:45:05 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 46.39 Mbit/s

95th percentile per-packet one-way delay: 17.896 ms

Loss rate: 0.11%

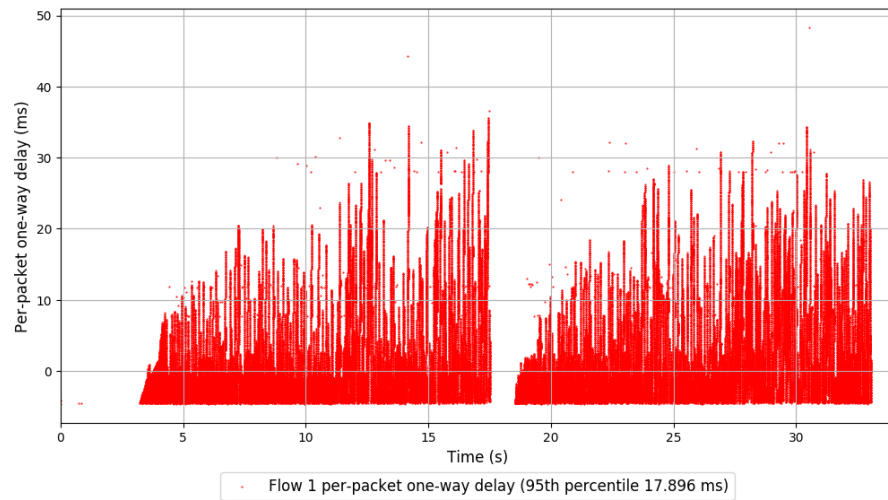
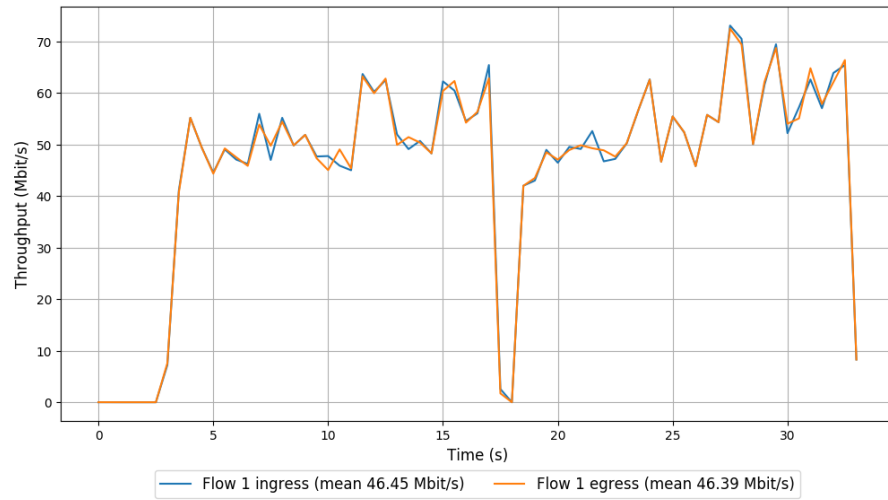
-- Flow 1:

Average throughput: 46.39 Mbit/s

95th percentile per-packet one-way delay: 17.896 ms

Loss rate: 0.11%

### Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: Fri, 23 Jun 2017 18:27:37 +0000

End at: Fri, 23 Jun 2017 18:28:07 +0000

Local clock offset: -5.402 ms

Remote clock offset: 0.818 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:45:09 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 46.17 Mbit/s

95th percentile per-packet one-way delay: 17.420 ms

Loss rate: 0.07%

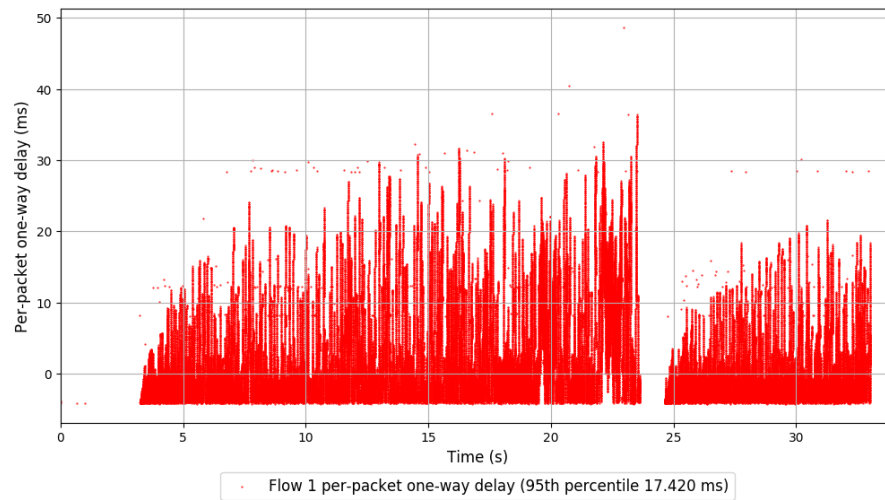
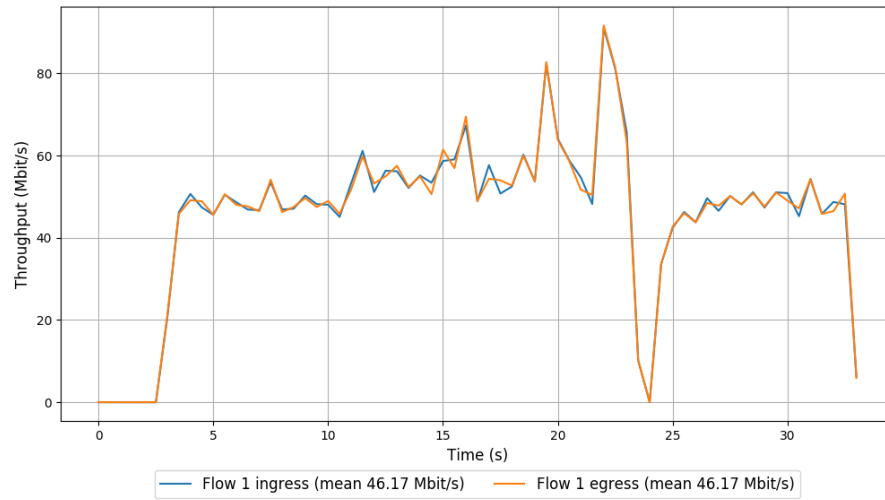
-- Flow 1:

Average throughput: 46.17 Mbit/s

95th percentile per-packet one-way delay: 17.420 ms

Loss rate: 0.07%

#### Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: Fri, 23 Jun 2017 18:45:54 +0000

End at: Fri, 23 Jun 2017 18:46:24 +0000

Local clock offset: -3.752 ms

Remote clock offset: 0.592 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:45:28 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 35.55 Mbit/s

95th percentile per-packet one-way delay: 14.398 ms

Loss rate: 0.13%

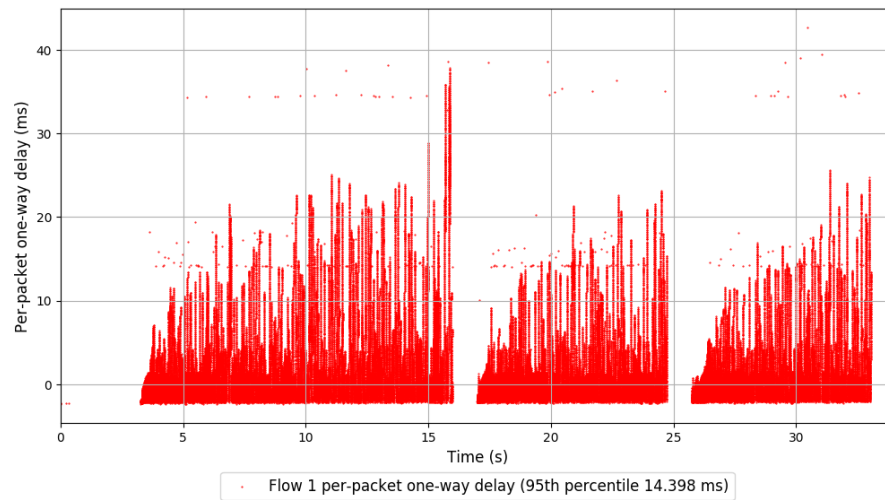
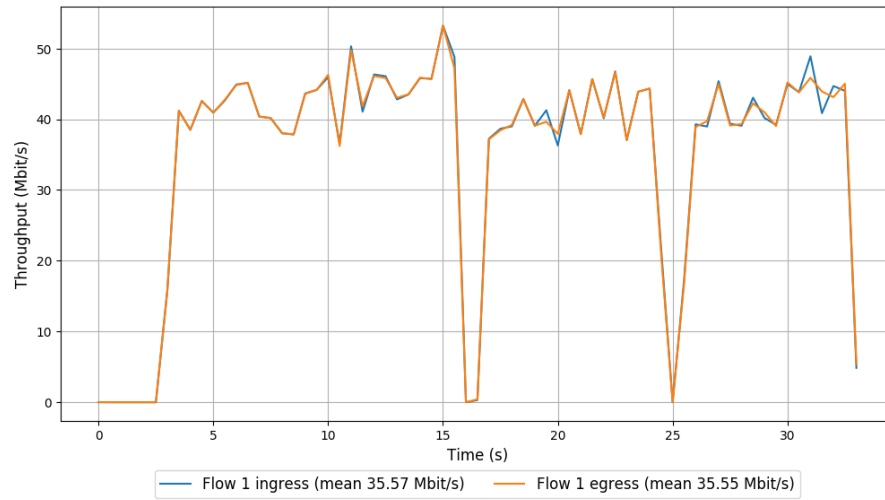
-- Flow 1:

Average throughput: 35.55 Mbit/s

95th percentile per-packet one-way delay: 14.398 ms

Loss rate: 0.13%

## Run 5: Report of LEDBAT — Data Link



Run 6: Statistics of LEDBAT

Start at: Fri, 23 Jun 2017 19:03:43 +0000

End at: Fri, 23 Jun 2017 19:04:14 +0000

Local clock offset: -2.187 ms

Remote clock offset: 0.512 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:45:34 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 46.32 Mbit/s

95th percentile per-packet one-way delay: 22.948 ms

Loss rate: 0.24%

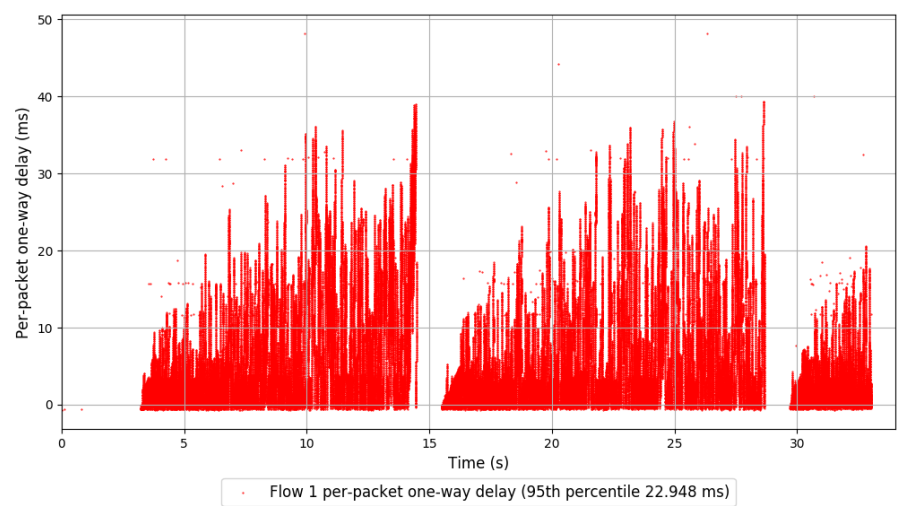
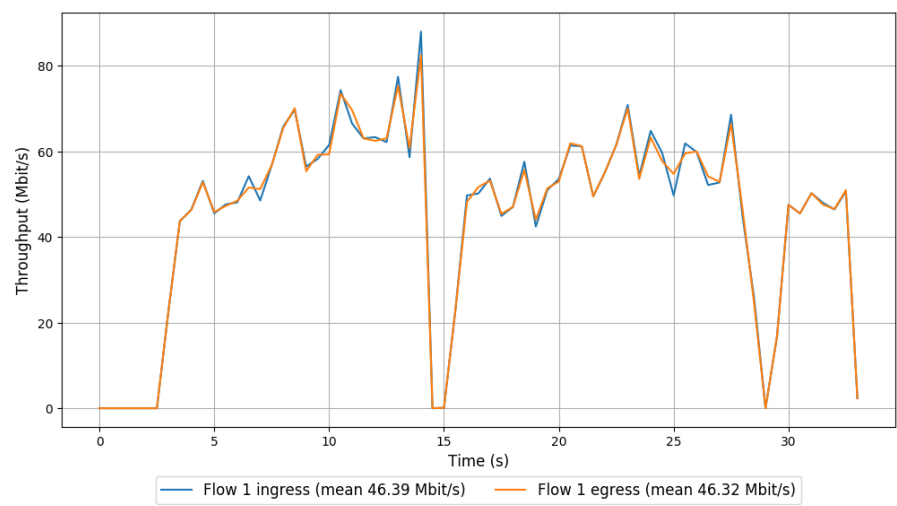
-- Flow 1:

Average throughput: 46.32 Mbit/s

95th percentile per-packet one-way delay: 22.948 ms

Loss rate: 0.24%

Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

Start at: Fri, 23 Jun 2017 19:22:05 +0000

End at: Fri, 23 Jun 2017 19:22:35 +0000

Local clock offset: -1.579 ms

Remote clock offset: 0.427 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:45:54 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 39.88 Mbit/s

95th percentile per-packet one-way delay: 19.380 ms

Loss rate: 0.24%

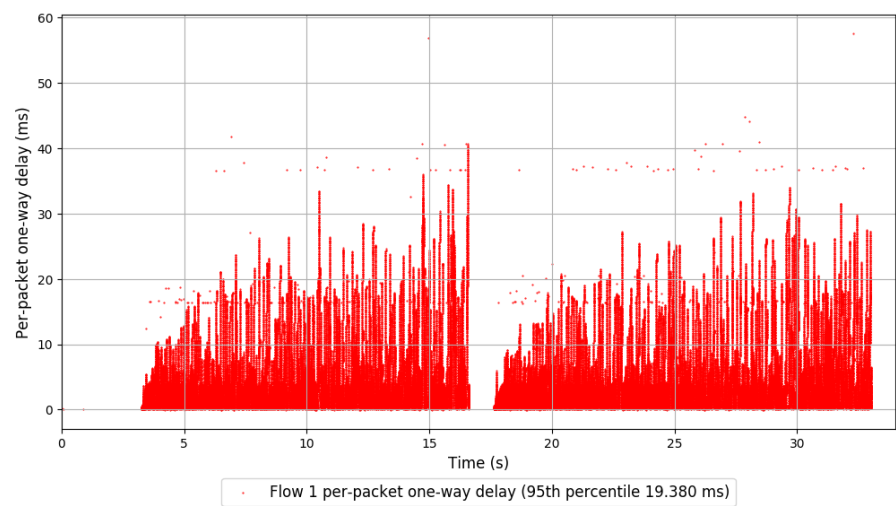
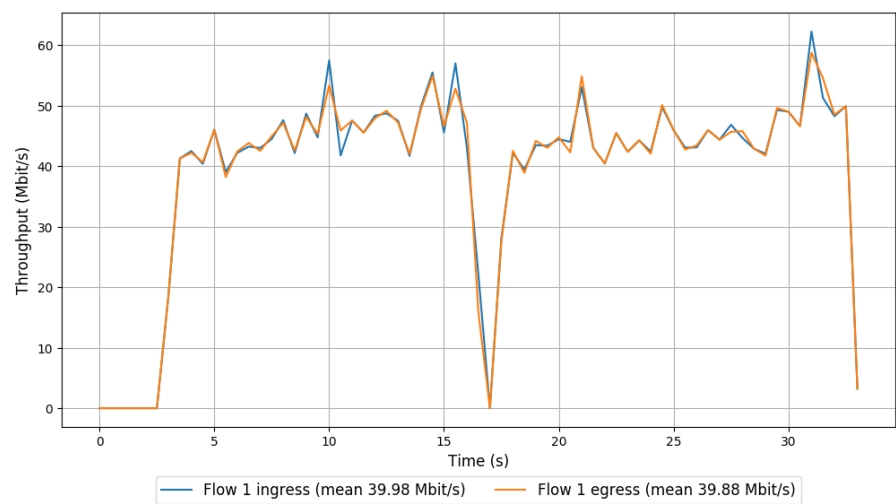
-- Flow 1:

Average throughput: 39.88 Mbit/s

95th percentile per-packet one-way delay: 19.380 ms

Loss rate: 0.24%

Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: Fri, 23 Jun 2017 19:40:20 +0000

End at: Fri, 23 Jun 2017 19:40:50 +0000

Local clock offset: -1.301 ms

Remote clock offset: 0.245 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:46:01 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 44.96 Mbit/s

95th percentile per-packet one-way delay: 22.179 ms

Loss rate: 0.21%

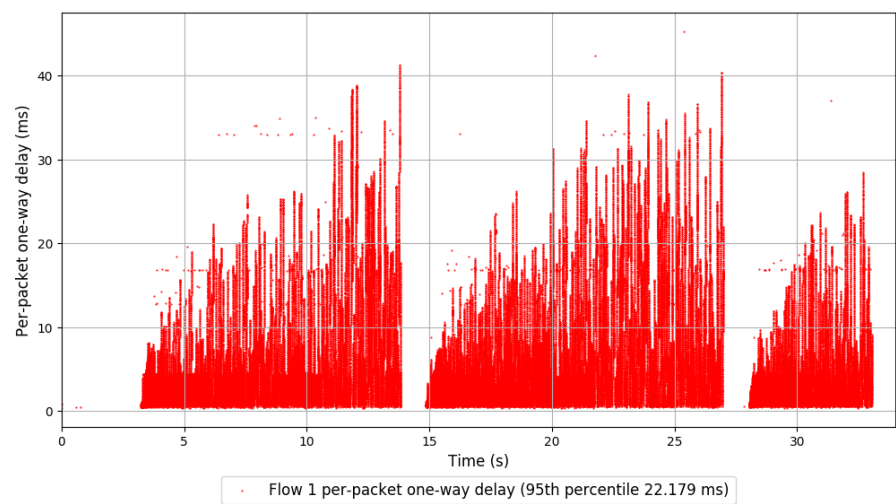
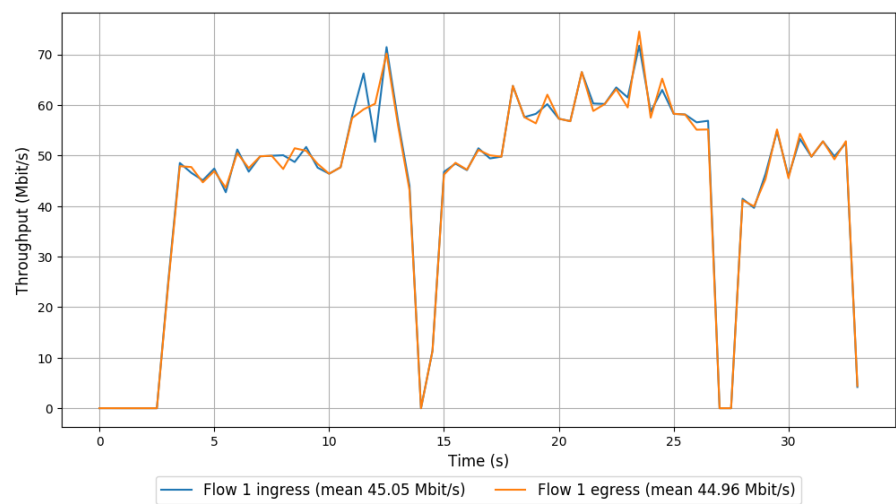
-- Flow 1:

Average throughput: 44.96 Mbit/s

95th percentile per-packet one-way delay: 22.179 ms

Loss rate: 0.21%

Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

Start at: Fri, 23 Jun 2017 19:58:40 +0000

End at: Fri, 23 Jun 2017 19:59:10 +0000

Local clock offset: -4.412 ms

Remote clock offset: 0.174 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:46:25 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 47.82 Mbit/s

95th percentile per-packet one-way delay: 20.174 ms

Loss rate: 0.15%

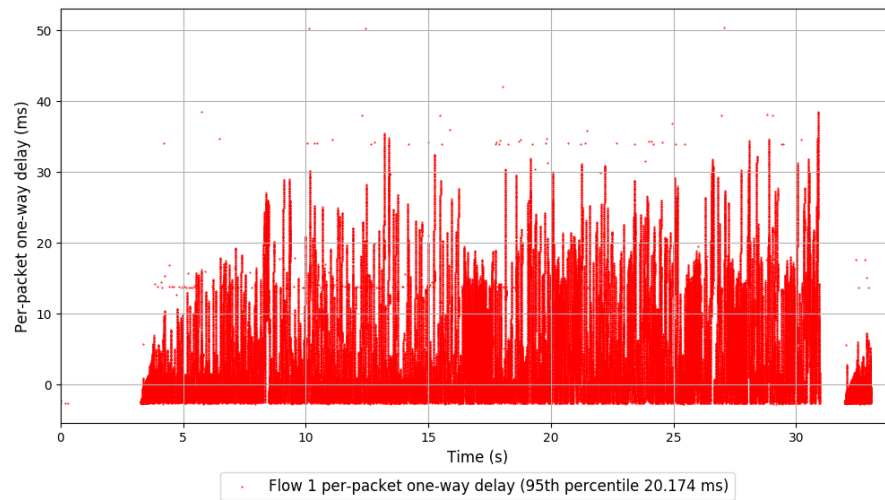
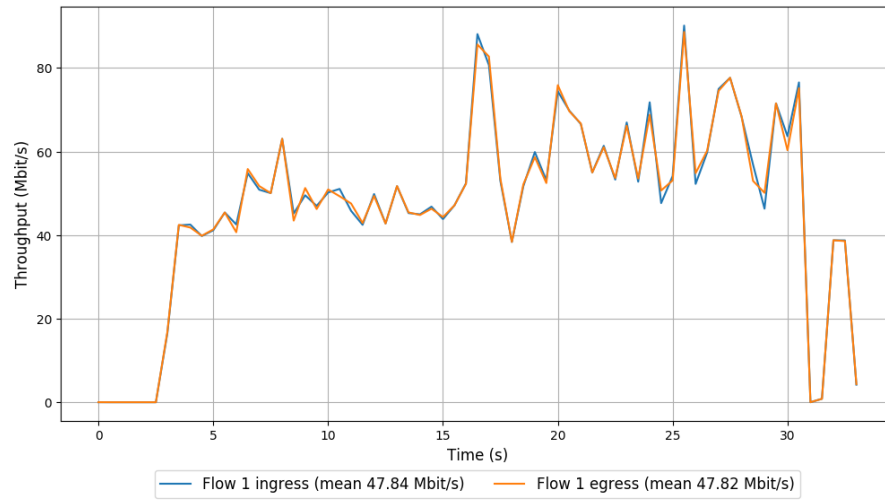
-- Flow 1:

Average throughput: 47.82 Mbit/s

95th percentile per-packet one-way delay: 20.174 ms

Loss rate: 0.15%

### Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: Fri, 23 Jun 2017 20:17:02 +0000

End at: Fri, 23 Jun 2017 20:17:32 +0000

Local clock offset: -4.277 ms

Remote clock offset: 0.025 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:46:33 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 47.67 Mbit/s

95th percentile per-packet one-way delay: 18.918 ms

Loss rate: 0.00%

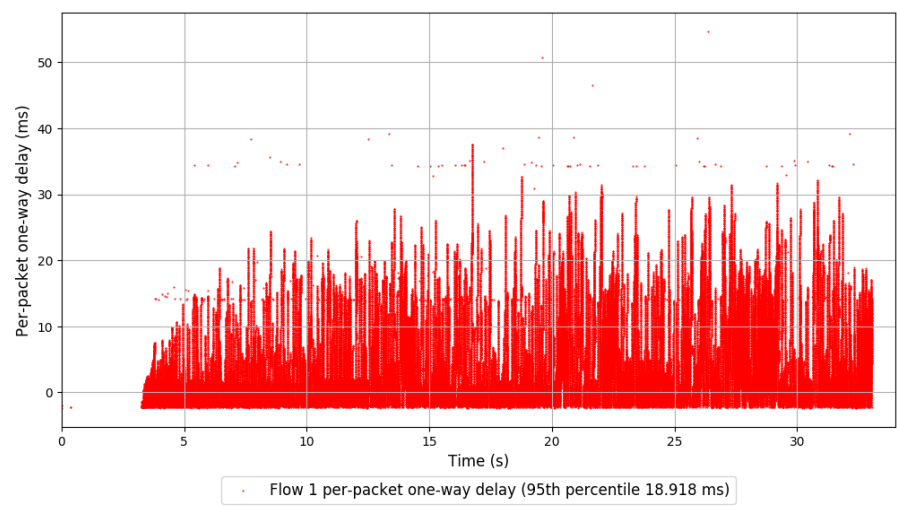
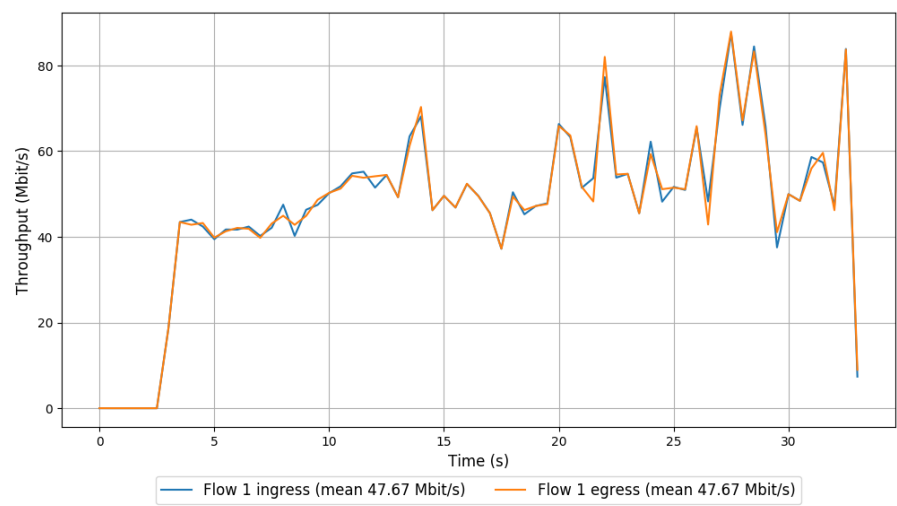
-- Flow 1:

Average throughput: 47.67 Mbit/s

95th percentile per-packet one-way delay: 18.918 ms

Loss rate: 0.00%

Run 10: Report of LEDBAT — Data Link



Run 1: Statistics of PCC

Start at: Fri, 23 Jun 2017 17:21:41 +0000

End at: Fri, 23 Jun 2017 17:22:11 +0000

Local clock offset: -1.927 ms

Remote clock offset: 0.004 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:46:33 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.04 Mbit/s

95th percentile per-packet one-way delay: 0.235 ms

Loss rate: 0.00%

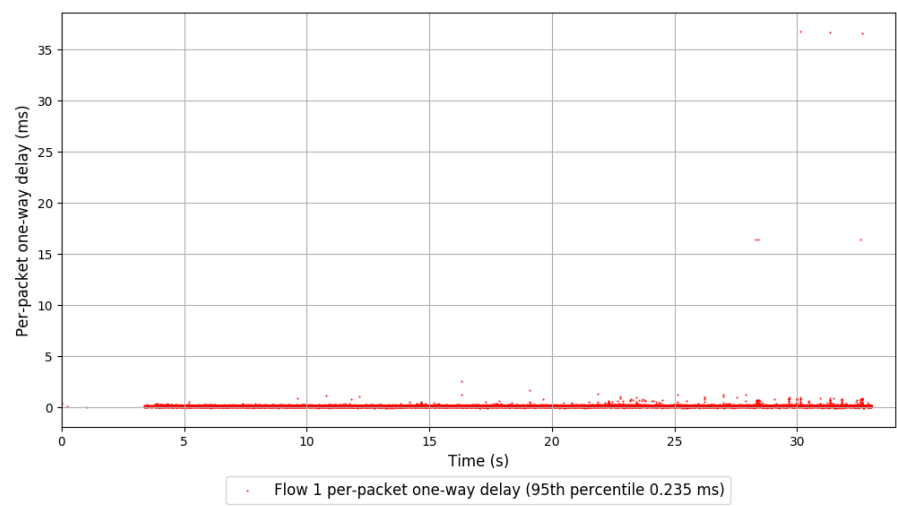
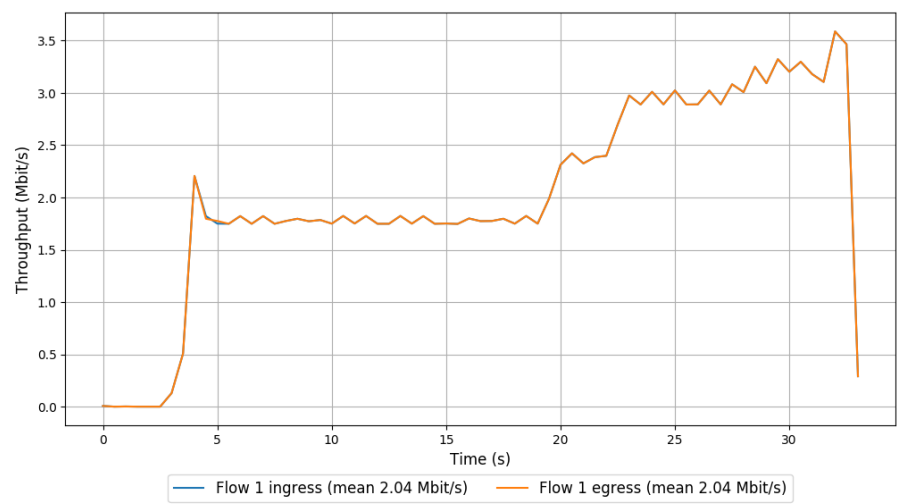
-- Flow 1:

Average throughput: 2.04 Mbit/s

95th percentile per-packet one-way delay: 0.235 ms

Loss rate: 0.00%

Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

Start at: Fri, 23 Jun 2017 17:39:48 +0000

End at: Fri, 23 Jun 2017 17:40:18 +0000

Local clock offset: -4.272 ms

Remote clock offset: 0.236 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:46:39 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 1.20 Mbit/s

95th percentile per-packet one-way delay: -2.320 ms

Loss rate: 0.00%

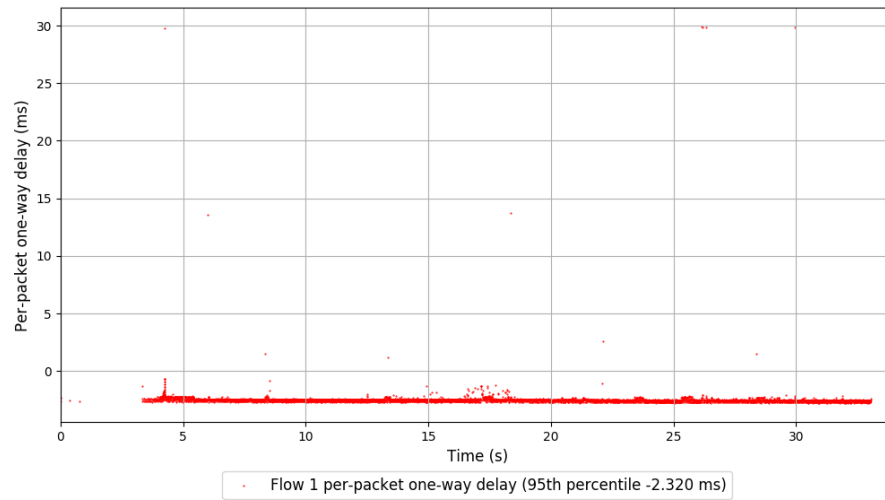
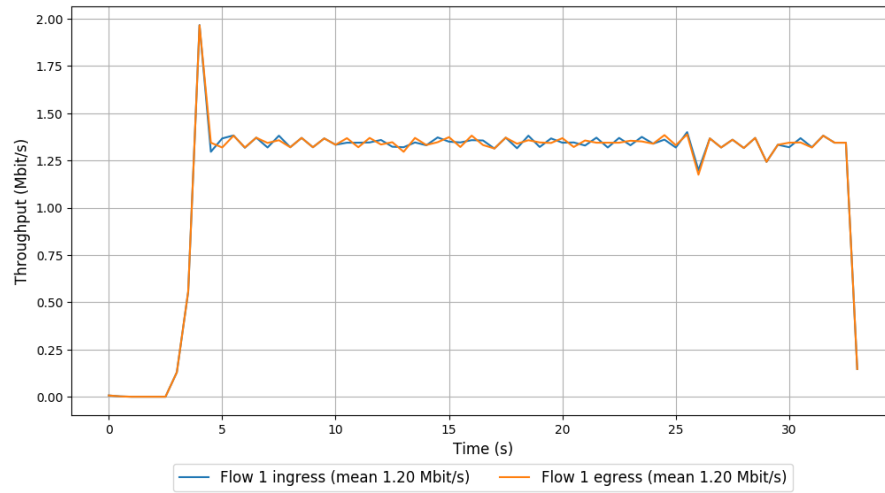
-- Flow 1:

Average throughput: 1.20 Mbit/s

95th percentile per-packet one-way delay: -2.320 ms

Loss rate: 0.00%

## Run 2: Report of PCC — Data Link



Run 3: Statistics of PCC

Start at: Fri, 23 Jun 2017 17:58:28 +0000

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

Local clock offset: -6.42 ms

Remote clock offset: 0.539 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:46:41 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 3.97 Mbit/s

95th percentile per-packet one-way delay: -4.380 ms

Loss rate: 0.00%

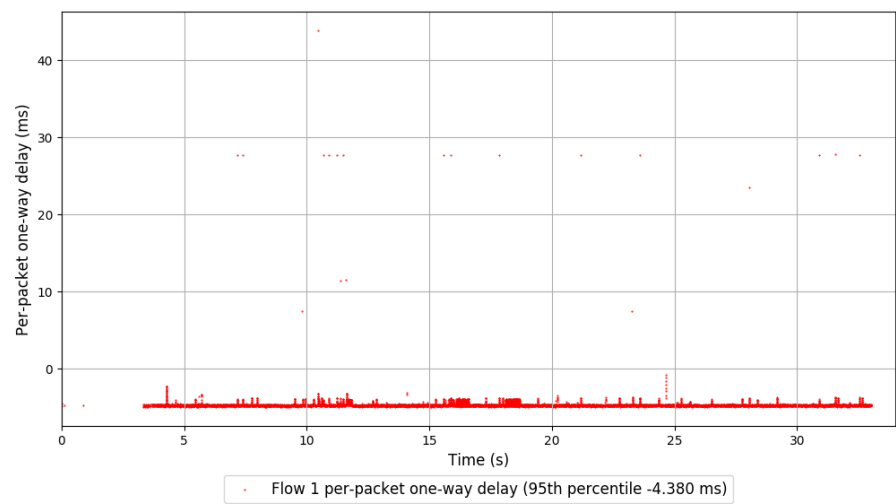
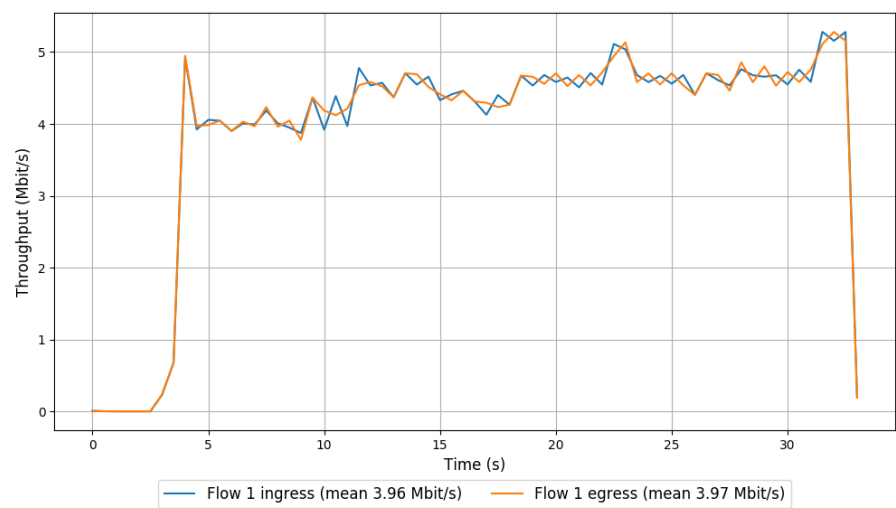
-- Flow 1:

Average throughput: 3.97 Mbit/s

95th percentile per-packet one-way delay: -4.380 ms

Loss rate: 0.00%

Run 3: Report of PCC — Data Link



Run 4: Statistics of PCC

Start at: Fri, 23 Jun 2017 18:16:54 +0000

End at: Fri, 23 Jun 2017 18:17:24 +0000

Local clock offset: -5.737 ms

Remote clock offset: 0.753 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:46:47 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 3.40 Mbit/s

95th percentile per-packet one-way delay: -4.060 ms

Loss rate: 0.00%

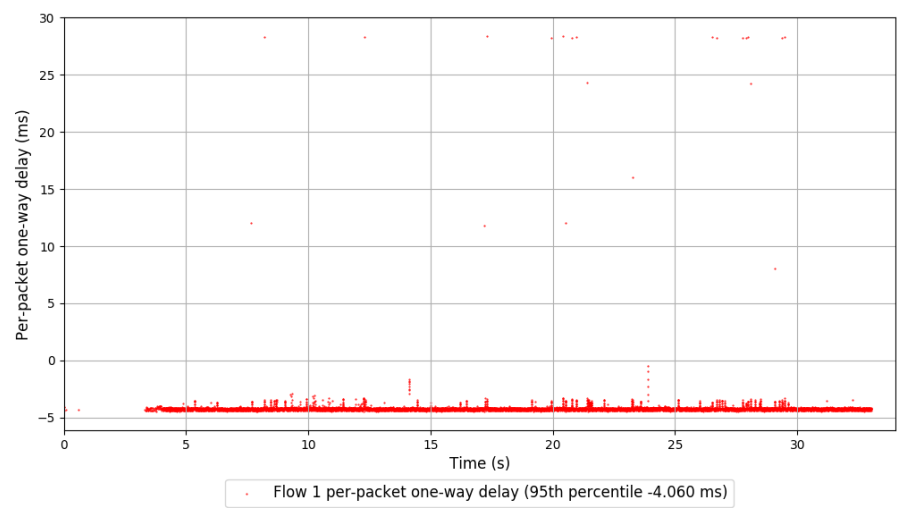
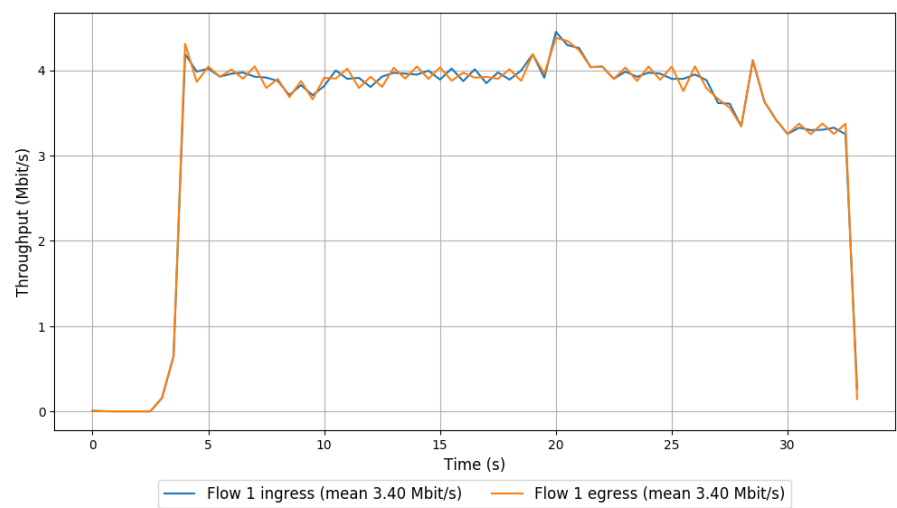
-- Flow 1:

Average throughput: 3.40 Mbit/s

95th percentile per-packet one-way delay: -4.060 ms

Loss rate: 0.00%

Run 4: Report of PCC — Data Link



Run 5: Statistics of PCC

Start at: Fri, 23 Jun 2017 18:35:06 +0000

End at: Fri, 23 Jun 2017 18:35:36 +0000

Local clock offset: -5.275 ms

Remote clock offset: 0.757 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:46:48 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.03 Mbit/s

95th percentile per-packet one-way delay: -3.848 ms

Loss rate: 0.00%

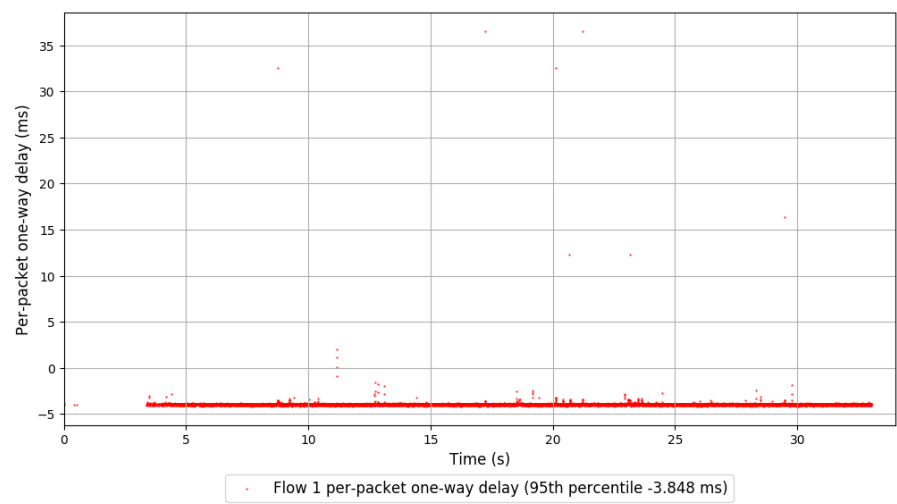
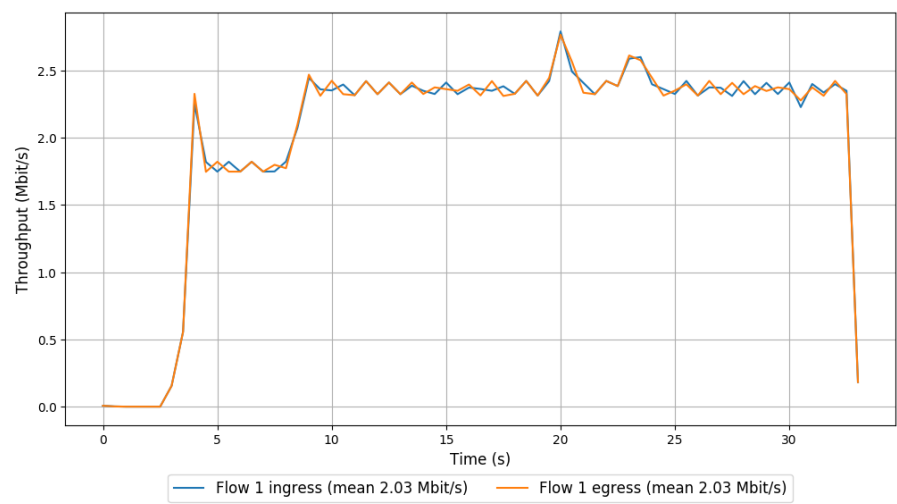
-- Flow 1:

Average throughput: 2.03 Mbit/s

95th percentile per-packet one-way delay: -3.848 ms

Loss rate: 0.00%

Run 5: Report of PCC — Data Link



Run 6: Statistics of PCC

Start at: Fri, 23 Jun 2017 18:53:02 +0000

End at: Fri, 23 Jun 2017 18:53:32 +0000

Local clock offset: -2.858 ms

Remote clock offset: 0.48 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:46:53 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 1.18 Mbit/s

95th percentile per-packet one-way delay: -1.143 ms

Loss rate: 0.00%

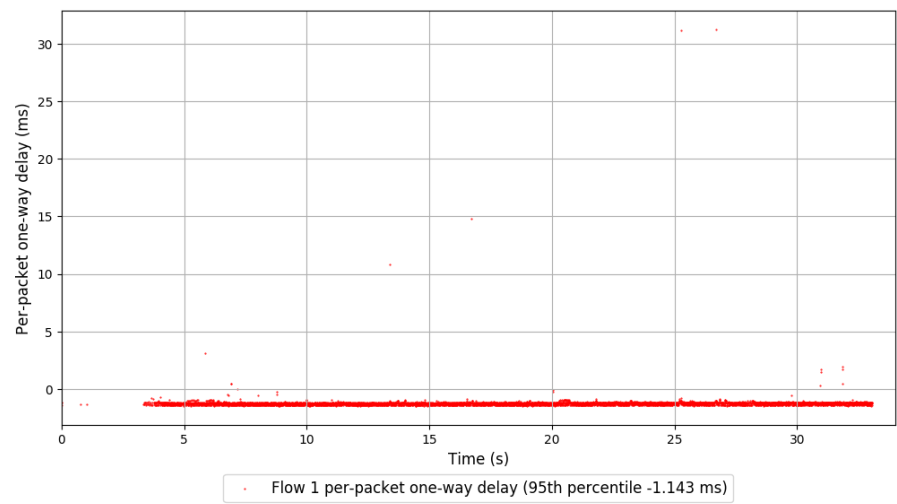
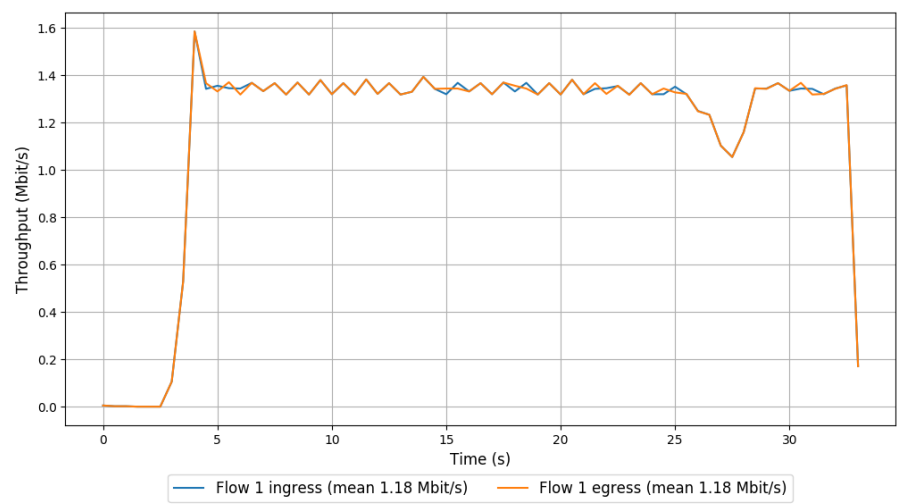
-- Flow 1:

Average throughput: 1.18 Mbit/s

95th percentile per-packet one-way delay: -1.143 ms

Loss rate: 0.00%

Run 6: Report of PCC — Data Link



Run 7: Statistics of PCC

Start at: Fri, 23 Jun 2017 19:11:13 +0000

End at: Fri, 23 Jun 2017 19:11:43 +0000

Local clock offset: -1.779 ms

Remote clock offset: 0.436 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:46:56 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 1.79 Mbit/s

95th percentile per-packet one-way delay: 0.026 ms

Loss rate: 0.00%

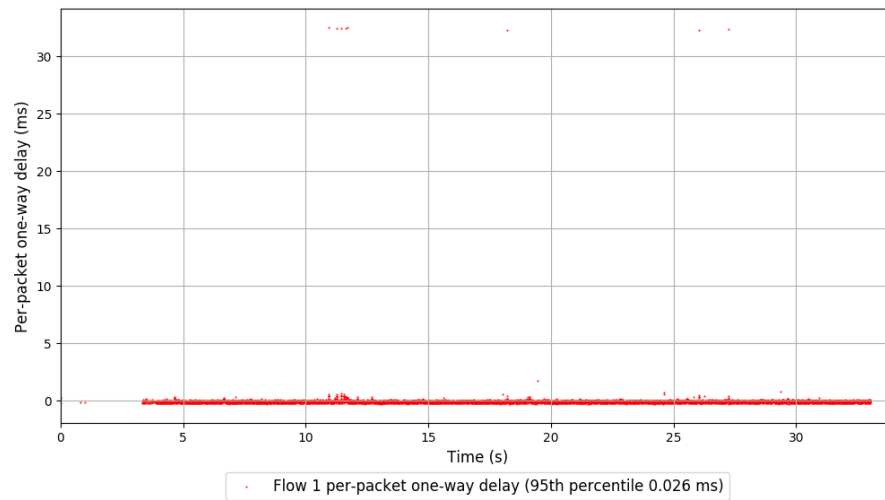
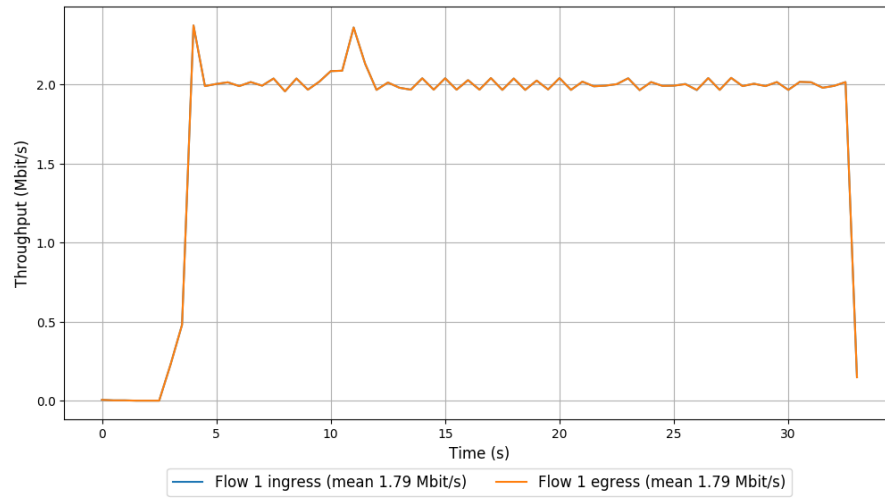
-- Flow 1:

Average throughput: 1.79 Mbit/s

95th percentile per-packet one-way delay: 0.026 ms

Loss rate: 0.00%

## Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

Start at: Fri, 23 Jun 2017 19:29:36 +0000

End at: Fri, 23 Jun 2017 19:30:06 +0000

Local clock offset: -1.488 ms

Remote clock offset: 0.307 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:47:00 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 3.06 Mbit/s

95th percentile per-packet one-way delay: 0.718 ms

Loss rate: 0.00%

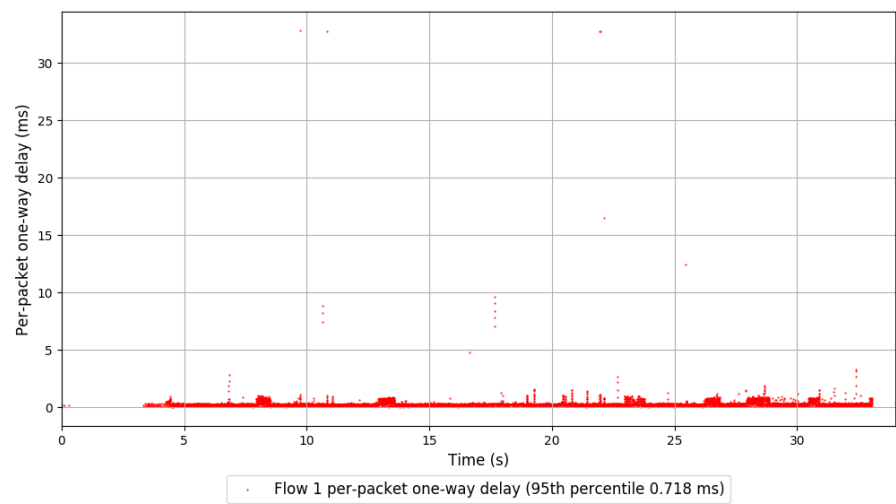
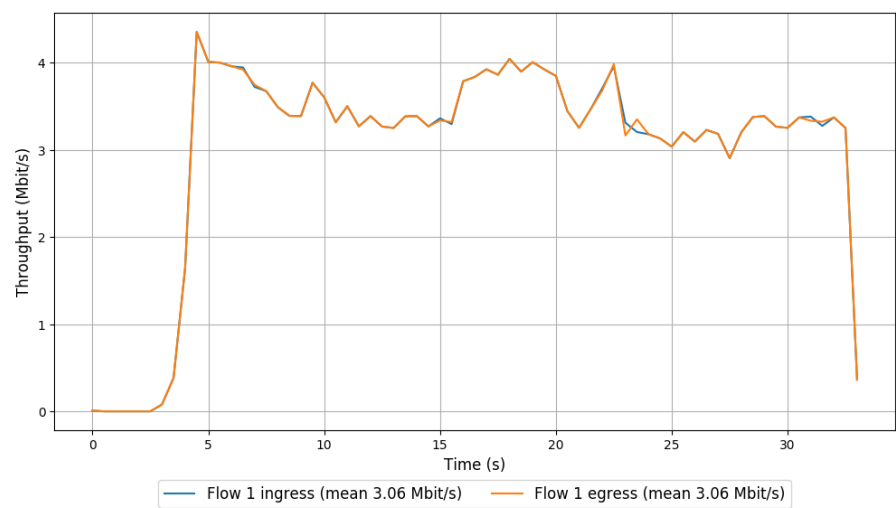
-- Flow 1:

Average throughput: 3.06 Mbit/s

95th percentile per-packet one-way delay: 0.718 ms

Loss rate: 0.00%

Run 8: Report of PCC — Data Link



Run 9: Statistics of PCC

Start at: Fri, 23 Jun 2017 19:47:46 +0000

End at: Fri, 23 Jun 2017 19:48:16 +0000

Local clock offset: -1.094 ms

Remote clock offset: 0.292 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:47:02 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 1.20 Mbit/s

95th percentile per-packet one-way delay: 1.175 ms

Loss rate: 0.00%

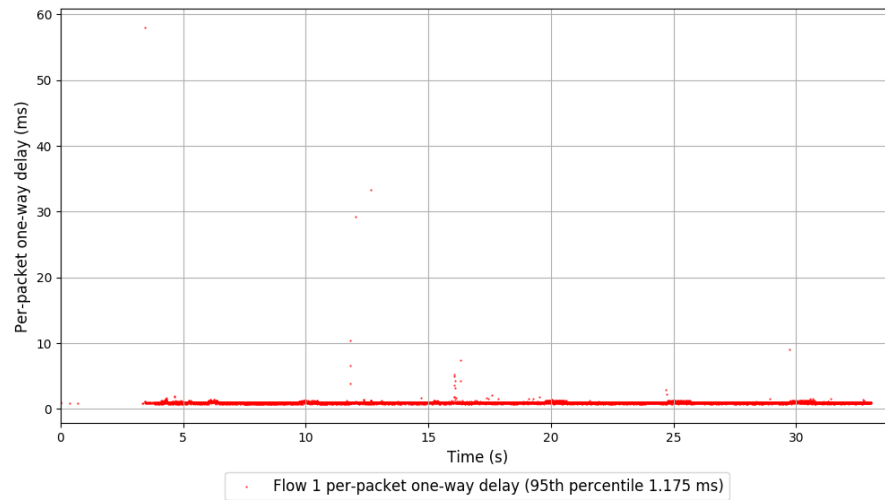
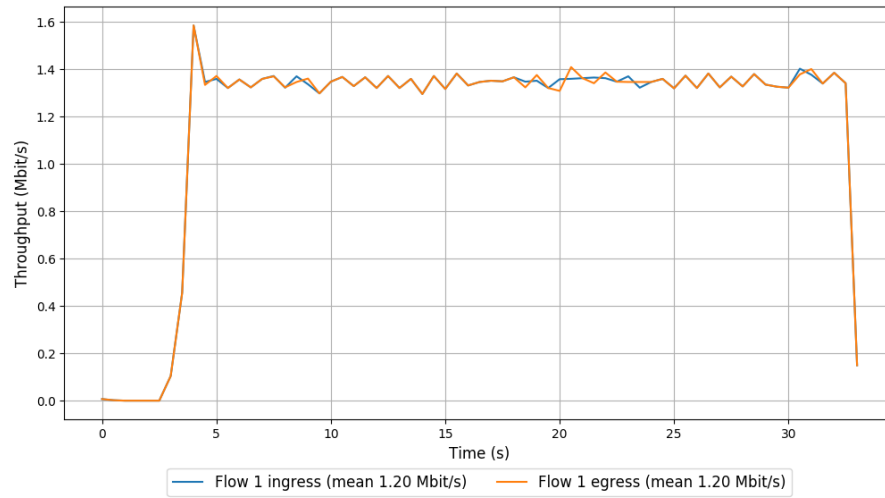
-- Flow 1:

Average throughput: 1.20 Mbit/s

95th percentile per-packet one-way delay: 1.175 ms

Loss rate: 0.00%

### Run 9: Report of PCC — Data Link



Run 10: Statistics of PCC

Start at: Fri, 23 Jun 2017 20:06:14 +0000

End at: Fri, 23 Jun 2017 20:06:44 +0000

Local clock offset: -4.537 ms

Remote clock offset: 0.179 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:47:17 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 23.24 Mbit/s

95th percentile per-packet one-way delay: 3.969 ms

Loss rate: 0.00%

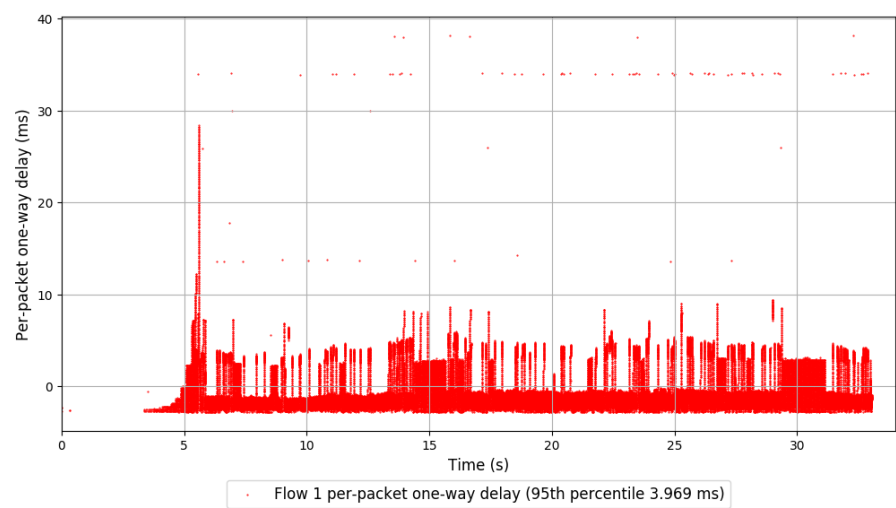
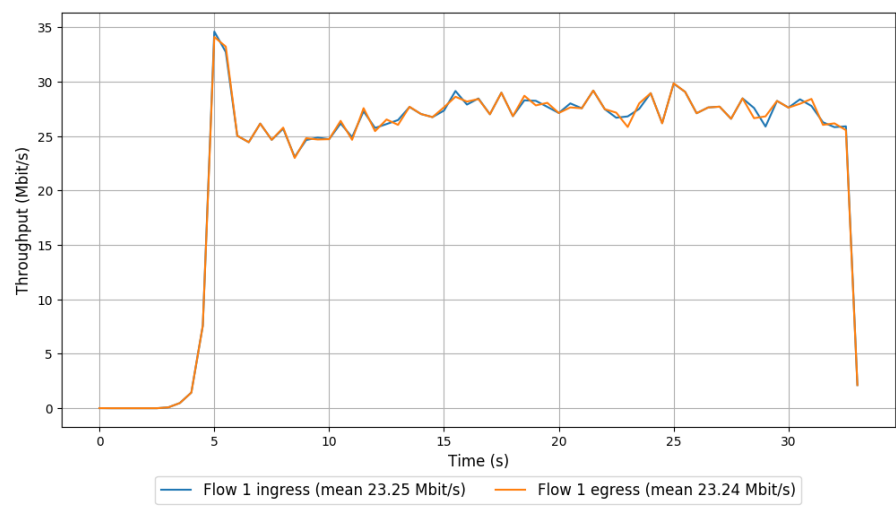
-- Flow 1:

Average throughput: 23.24 Mbit/s

95th percentile per-packet one-way delay: 3.969 ms

Loss rate: 0.00%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic (toy)

Start at: Fri, 23 Jun 2017 17:25:03 +0000

End at: Fri, 23 Jun 2017 17:25:33 +0000

Local clock offset: -2.012 ms

Remote clock offset: 0.022 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:47:17 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 12.33 Mbit/s

95th percentile per-packet one-way delay: 5.018 ms

Loss rate: 0.00%

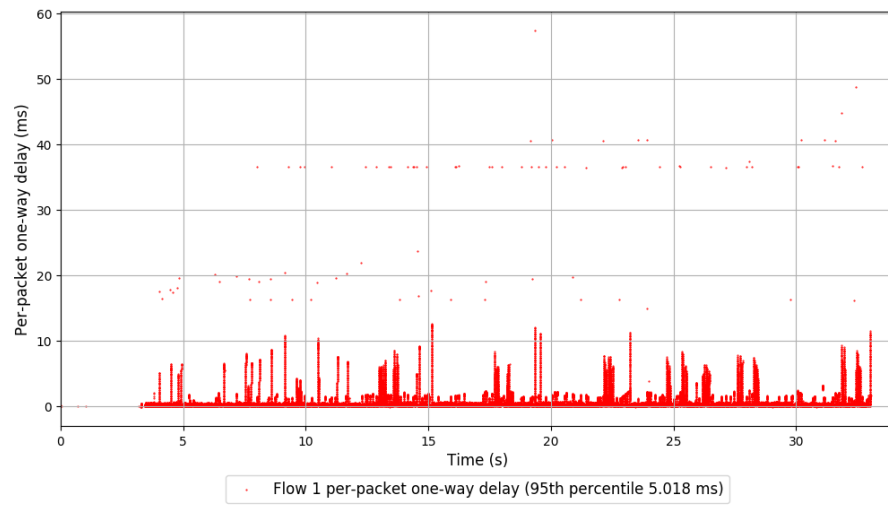
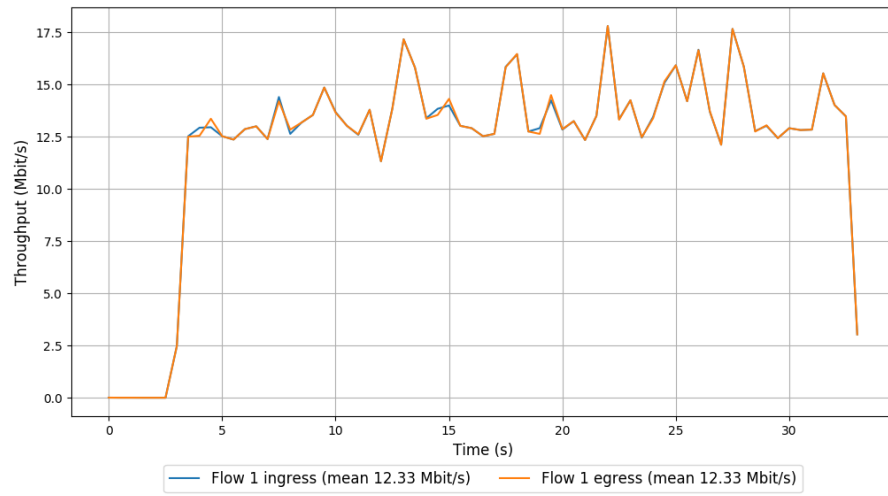
-- Flow 1:

Average throughput: 12.33 Mbit/s

95th percentile per-packet one-way delay: 5.018 ms

Loss rate: 0.00%

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



Run 2: Statistics of QUIC Cubic (toy)

Start at: Fri, 23 Jun 2017 17:43:12 +0000

End at: Fri, 23 Jun 2017 17:43:42 +0000

Local clock offset: -4.88 ms

Remote clock offset: 0.278 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:47:27 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 14.93 Mbit/s

95th percentile per-packet one-way delay: 1.763 ms

Loss rate: 0.00%

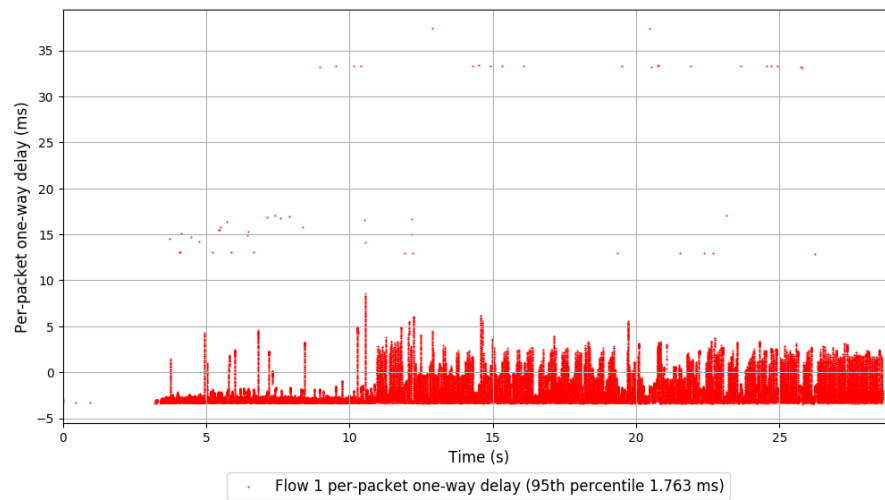
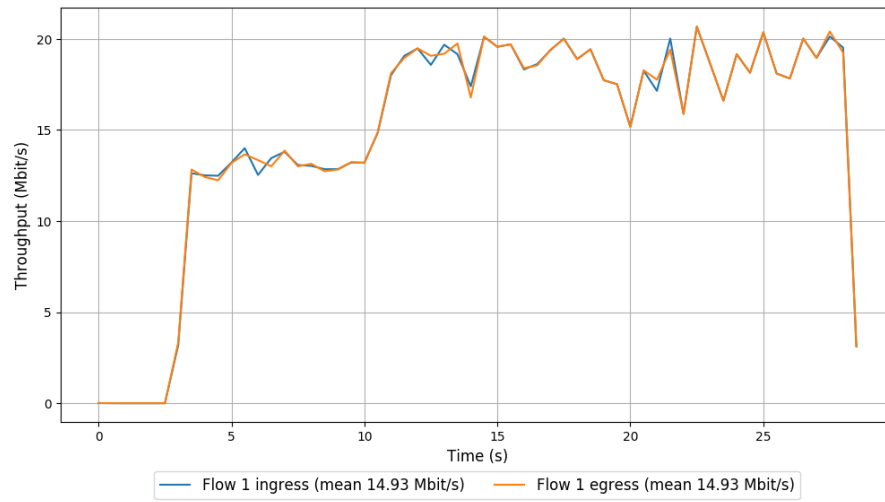
-- Flow 1:

Average throughput: 14.93 Mbit/s

95th percentile per-packet one-way delay: 1.763 ms

Loss rate: 0.00%

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



Run 3: Statistics of QUIC Cubic (toy)

Start at: Fri, 23 Jun 2017 18:01:53 +0000

End at: Fri, 23 Jun 2017 18:02:23 +0000

Local clock offset: -6.364 ms

Remote clock offset: 0.601 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:47:31 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 12.90 Mbit/s

95th percentile per-packet one-way delay: 0.247 ms

Loss rate: 0.00%

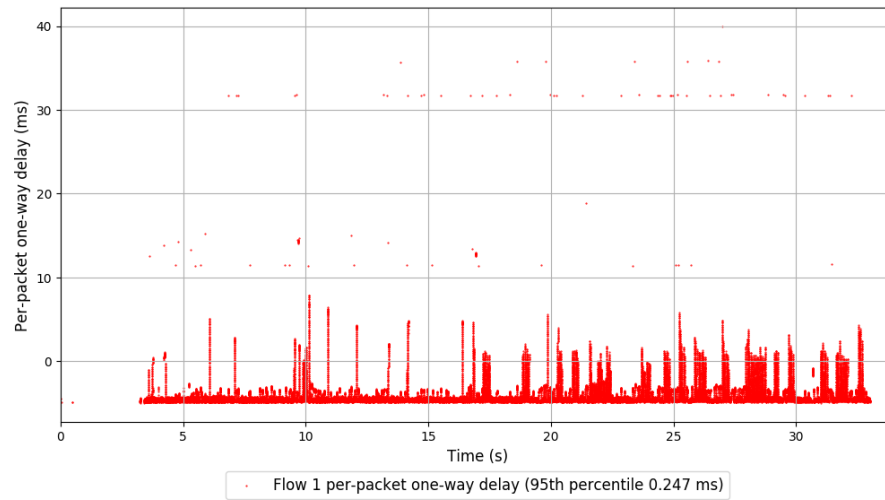
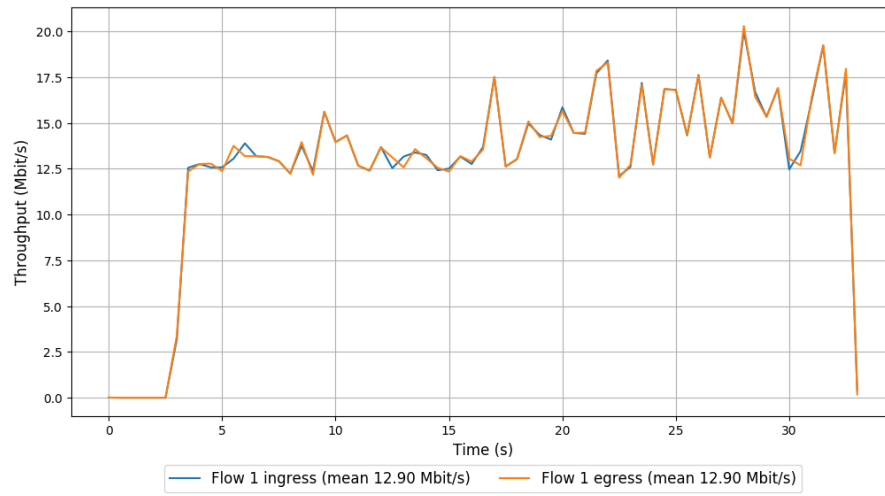
-- Flow 1:

Average throughput: 12.90 Mbit/s

95th percentile per-packet one-way delay: 0.247 ms

Loss rate: 0.00%

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



Run 4: Statistics of QUIC Cubic (toy)

Start at: Fri, 23 Jun 2017 18:20:17 +0000

End at: Fri, 23 Jun 2017 18:20:47 +0000

Local clock offset: -5.575 ms

Remote clock offset: 0.784 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:47:39 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 14.64 Mbit/s

95th percentile per-packet one-way delay: 1.227 ms

Loss rate: 0.00%

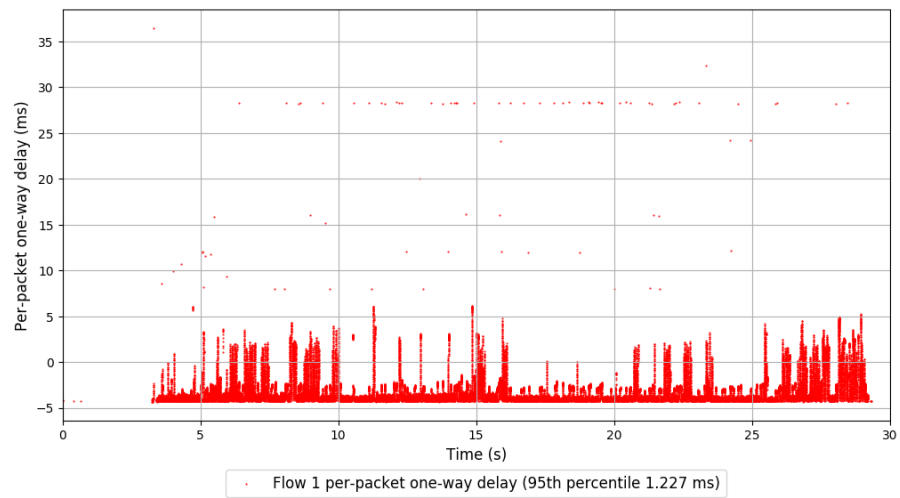
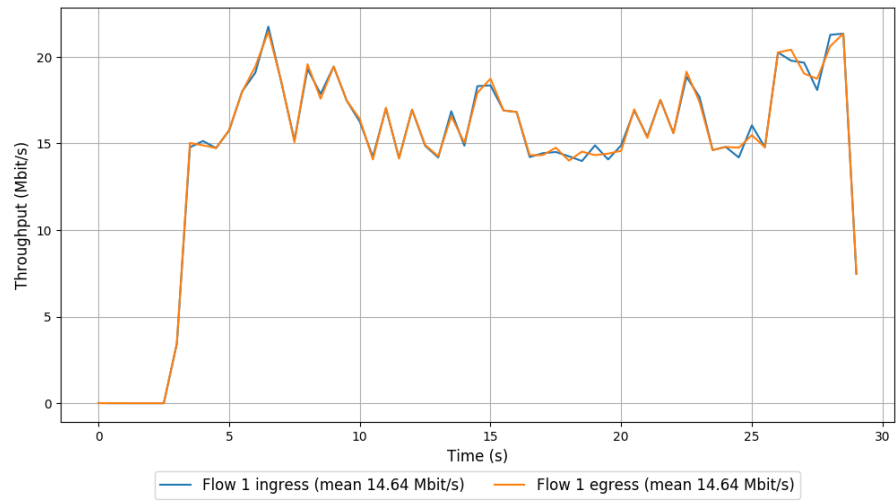
-- Flow 1:

Average throughput: 14.64 Mbit/s

95th percentile per-packet one-way delay: 1.227 ms

Loss rate: 0.00%

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



Run 5: Statistics of QUIC Cubic (toy)

Start at: Fri, 23 Jun 2017 18:38:30 +0000

End at: Fri, 23 Jun 2017 18:39:00 +0000

Local clock offset: -5.377 ms

Remote clock offset: 0.731 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:47:45 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 12.49 Mbit/s

95th percentile per-packet one-way delay: 0.695 ms

Loss rate: 0.00%

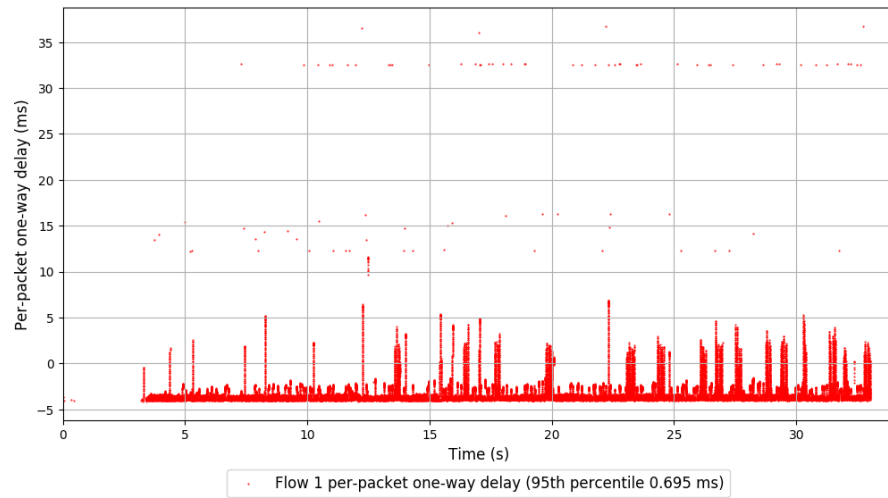
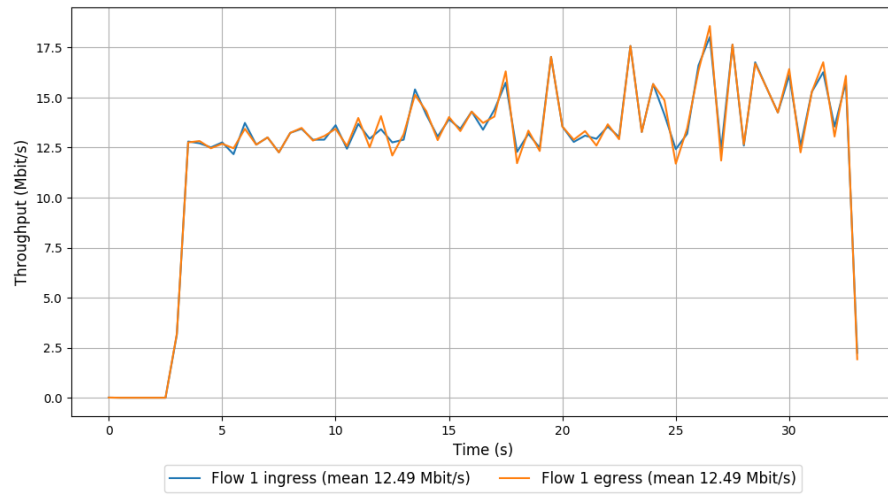
-- Flow 1:

Average throughput: 12.49 Mbit/s

95th percentile per-packet one-way delay: 0.695 ms

Loss rate: 0.00%

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



Run 6: Statistics of QUIC Cubic (toy)

Start at: Fri, 23 Jun 2017 18:56:25 +0000

End at: Fri, 23 Jun 2017 18:56:55 +0000

Local clock offset: -2.617 ms

Remote clock offset: 0.512 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:47:52 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 12.24 Mbit/s

95th percentile per-packet one-way delay: 2.542 ms

Loss rate: 0.14%

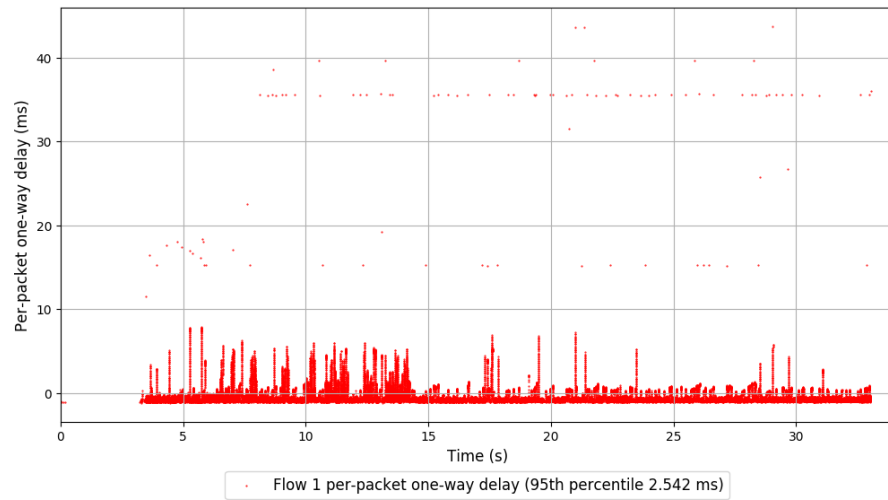
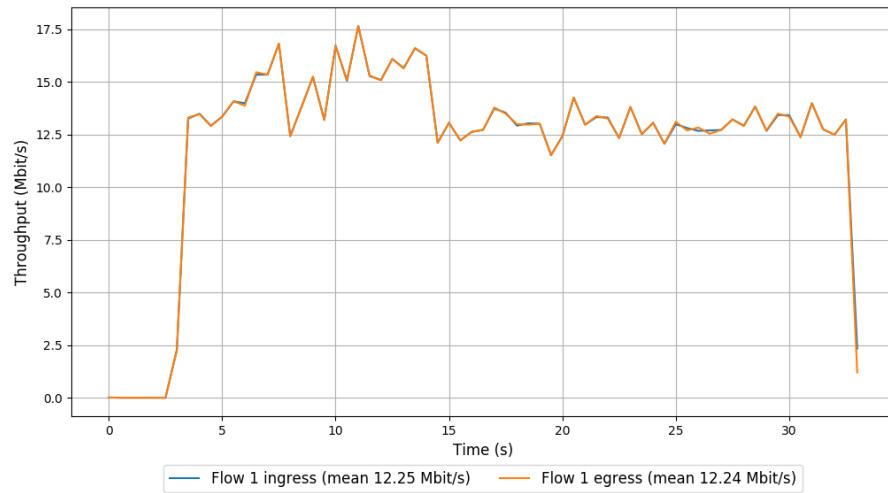
-- Flow 1:

Average throughput: 12.24 Mbit/s

95th percentile per-packet one-way delay: 2.542 ms

Loss rate: 0.14%

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



Run 7: Statistics of QUIC Cubic (toy)

Start at: Fri, 23 Jun 2017 19:14:36 +0000

End at: Fri, 23 Jun 2017 19:15:06 +0000

Local clock offset: -1.677 ms

Remote clock offset: 0.408 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:47:58 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 13.80 Mbit/s

95th percentile per-packet one-way delay: 4.070 ms

Loss rate: 0.00%

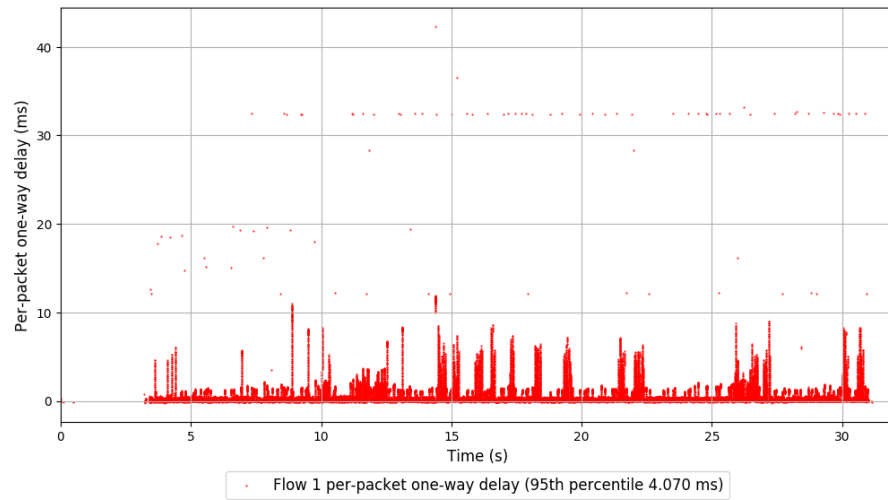
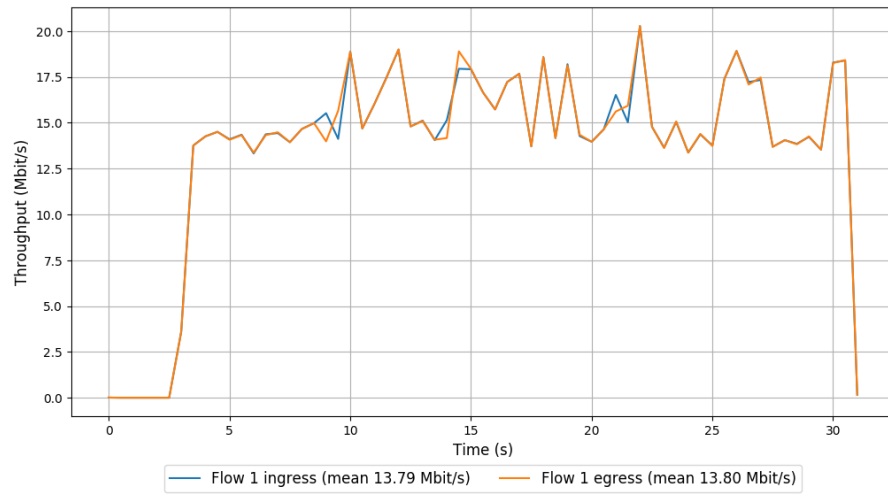
-- Flow 1:

Average throughput: 13.80 Mbit/s

95th percentile per-packet one-way delay: 4.070 ms

Loss rate: 0.00%

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



Run 8: Statistics of QUIC Cubic (toy)

Start at: Fri, 23 Jun 2017 19:32:58 +0000

End at: Fri, 23 Jun 2017 19:33:28 +0000

Local clock offset: -3.241 ms

Remote clock offset: 0.296 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:48:05 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 14.29 Mbit/s

95th percentile per-packet one-way delay: 5.325 ms

Loss rate: 0.00%

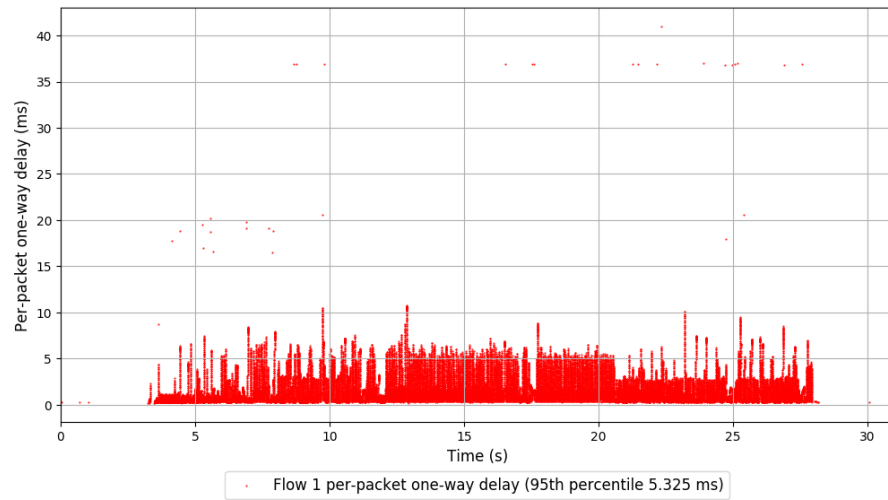
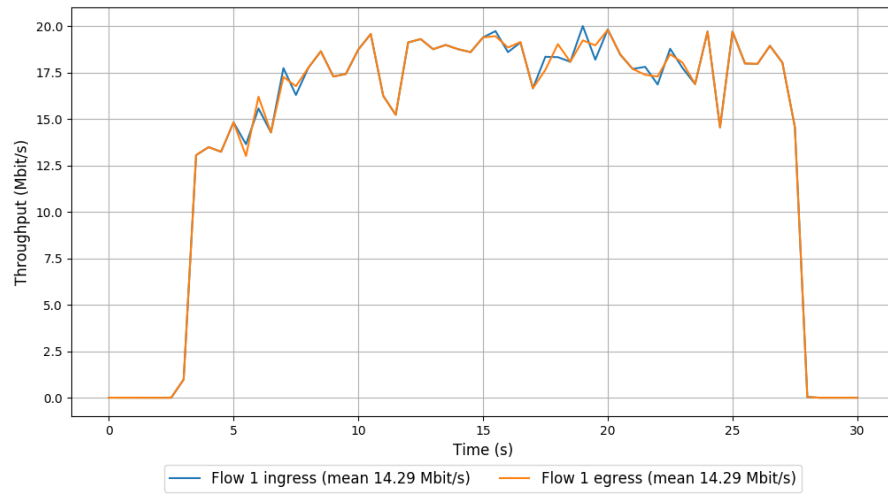
-- Flow 1:

Average throughput: 14.29 Mbit/s

95th percentile per-packet one-way delay: 5.325 ms

Loss rate: 0.00%

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



Run 9: Statistics of QUIC Cubic (toy)

Start at: Fri, 23 Jun 2017 19:51:10 +0000

End at: Fri, 23 Jun 2017 19:51:40 +0000

Local clock offset: -2.104 ms

Remote clock offset: 0.178 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:48:11 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 12.38 Mbit/s

95th percentile per-packet one-way delay: 3.915 ms

Loss rate: 0.00%

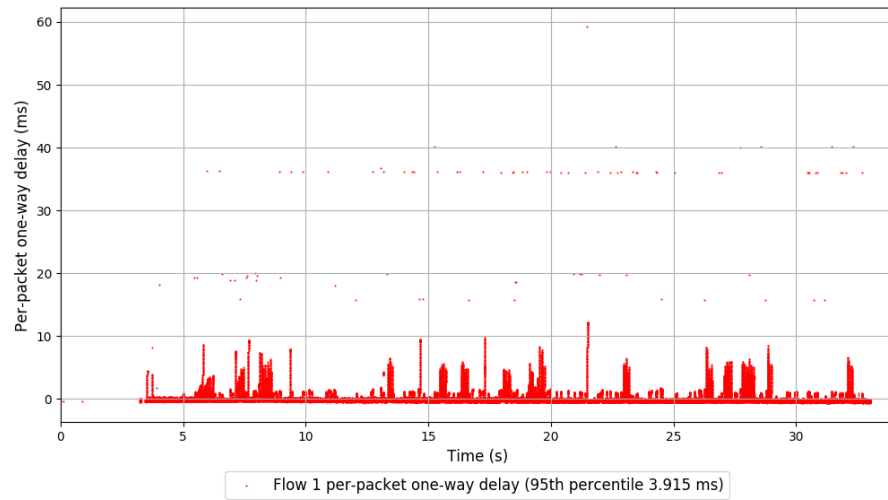
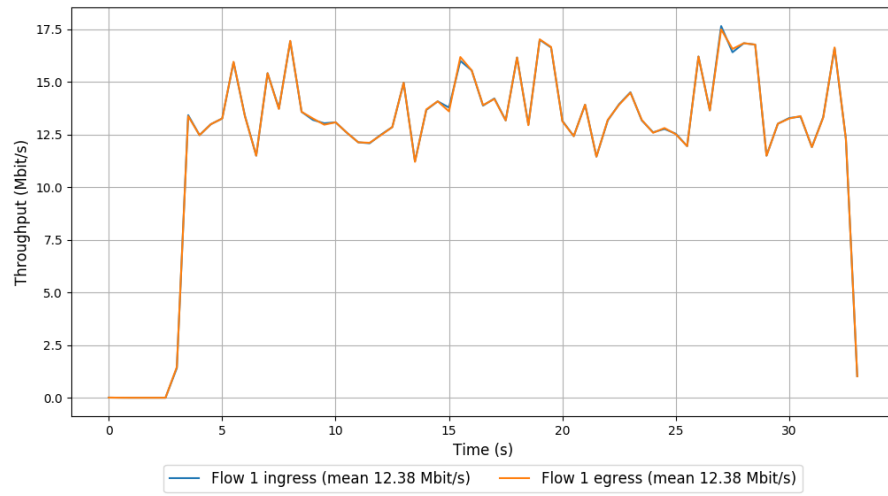
-- Flow 1:

Average throughput: 12.38 Mbit/s

95th percentile per-packet one-way delay: 3.915 ms

Loss rate: 0.00%

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



Run 10: Statistics of QUIC Cubic (toy)

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

End at: Fri, 23 Jun 2017 20:10:12 +0000

Local clock offset: -4.492 ms

Remote clock offset: 0.137 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:48:16 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 11.91 Mbit/s

95th percentile per-packet one-way delay: 1.849 ms

Loss rate: 0.00%

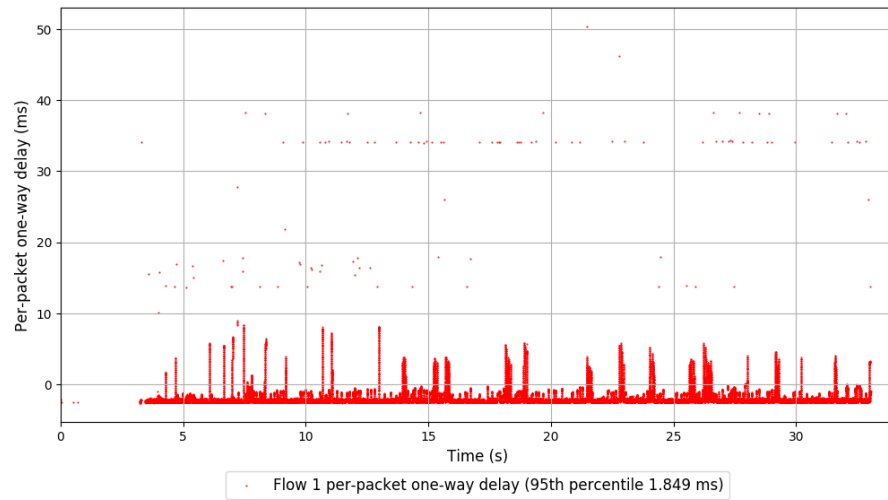
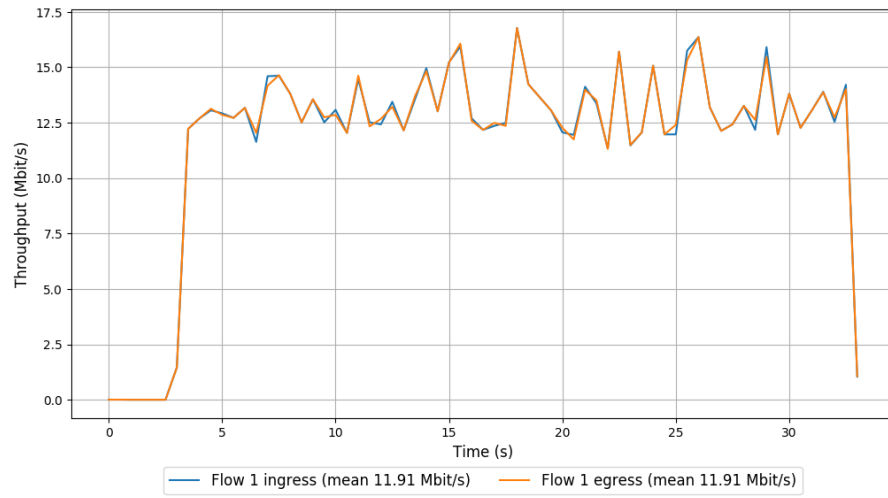
-- Flow 1:

Average throughput: 11.91 Mbit/s

95th percentile per-packet one-way delay: 1.849 ms

Loss rate: 0.00%

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



Run 1: Statistics of Saturator

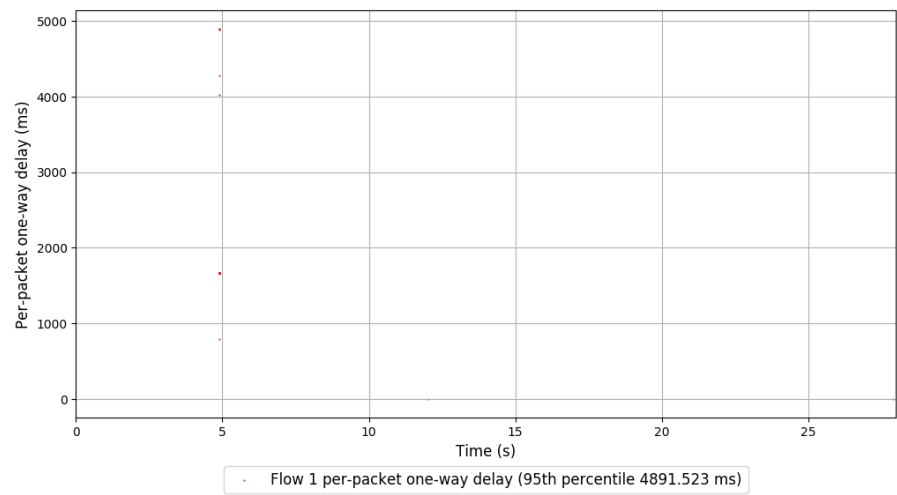
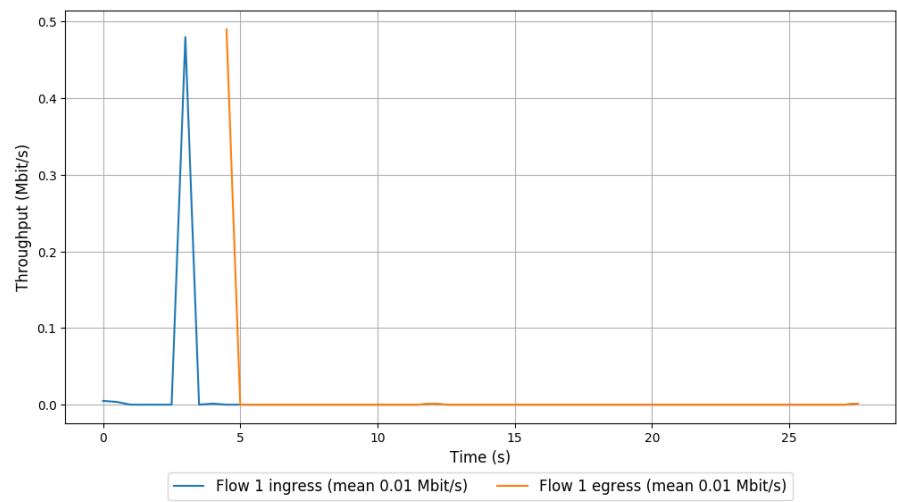
Start at: Fri, 23 Jun 2017 17:30:00 +0000

End at: Fri, 23 Jun 2017 17:30:30 +0000

Local clock offset: -2.104 ms

Remote clock offset: 0.081 ms

Run 1: Report of Saturator — Data Link



Run 2: Statistics of Saturator

Start at: Fri, 23 Jun 2017 17:47:59 +0000

End at: Fri, 23 Jun 2017 17:48:29 +0000

Local clock offset: -6.662 ms

Remote clock offset: 0.439 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:48:56 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 67.90 Mbit/s

95th percentile per-packet one-way delay: 11.753 ms

Loss rate: 0.00%

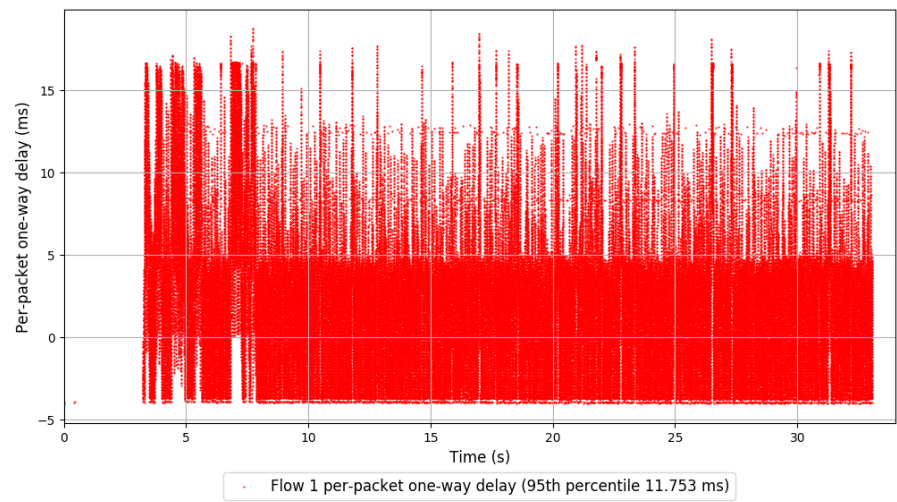
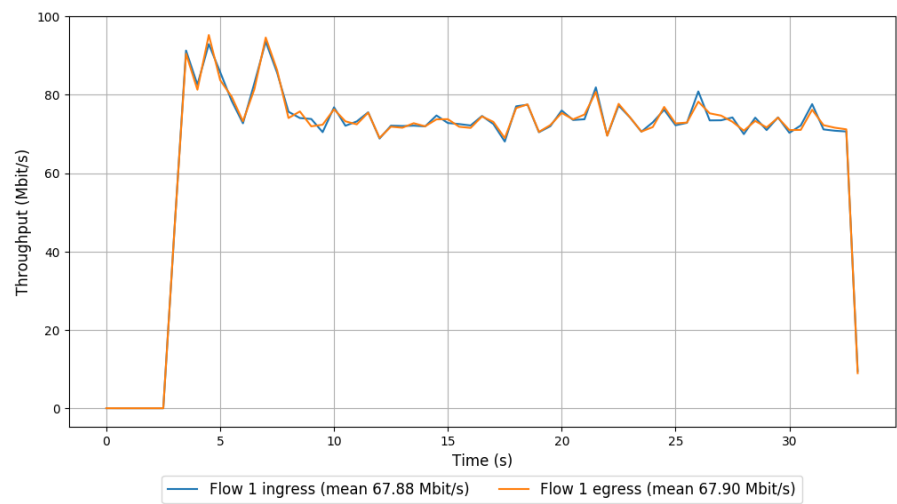
-- Flow 1:

Average throughput: 67.90 Mbit/s

95th percentile per-packet one-way delay: 11.753 ms

Loss rate: 0.00%

Run 2: Report of Saturator — Data Link



Run 3: Statistics of Saturator

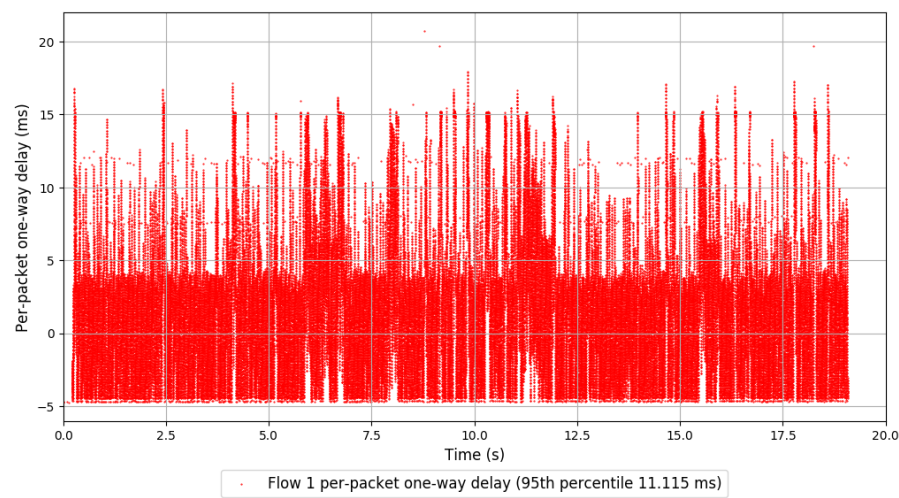
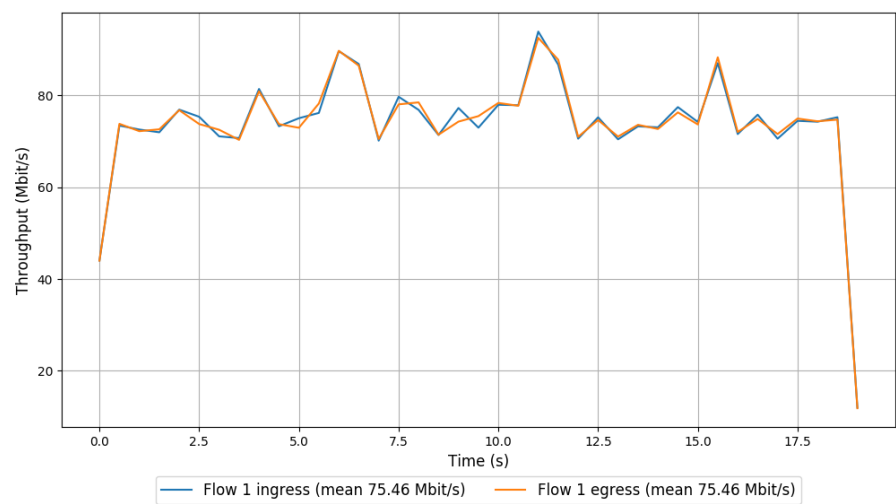
Start at: Fri, 23 Jun 2017 18:06:53 +0000

End at: Fri, 23 Jun 2017 18:07:23 +0000

Local clock offset: -6.218 ms

Remote clock offset: 0.637 ms

Run 3: Report of Saturator — Data Link



Run 4: Statistics of Saturator

Start at: Fri, 23 Jun 2017 18:24:59 +0000

End at: Fri, 23 Jun 2017 18:25:29 +0000

Local clock offset: -5.683 ms

Remote clock offset: 0.817 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:49:19 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 59.30 Mbit/s

95th percentile per-packet one-way delay: 8.823 ms

Loss rate: 0.00%

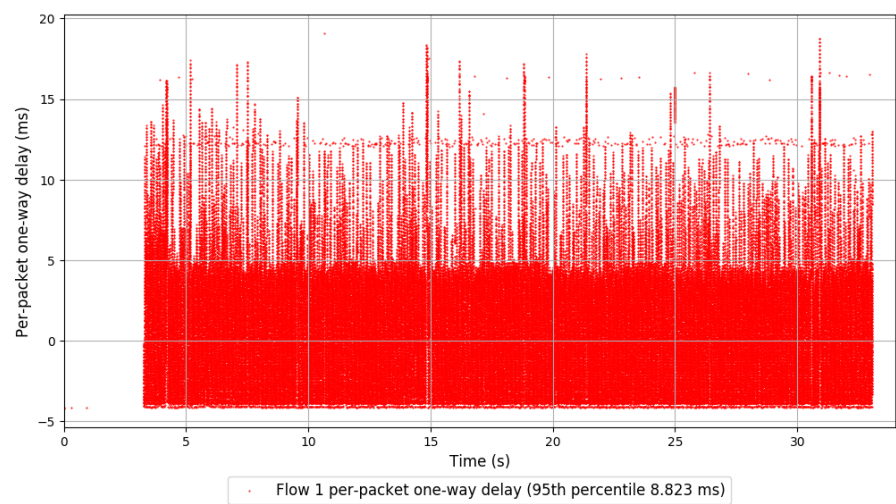
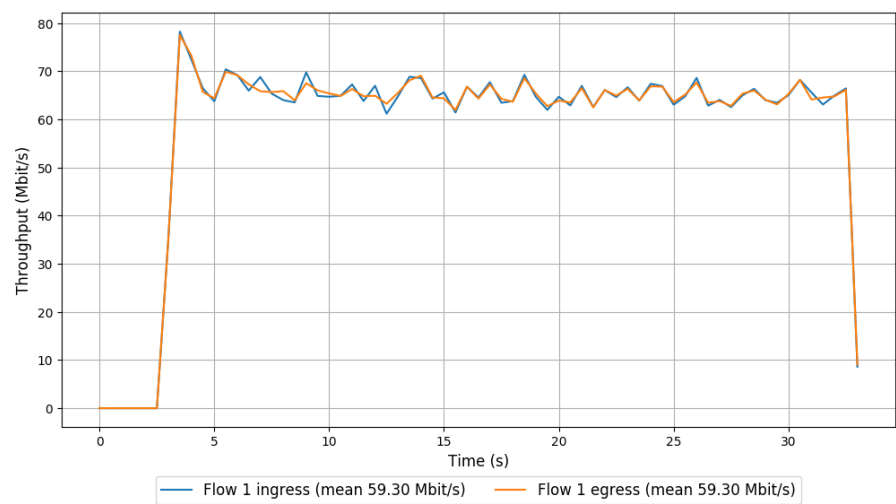
-- Flow 1:

Average throughput: 59.30 Mbit/s

95th percentile per-packet one-way delay: 8.823 ms

Loss rate: 0.00%

Run 4: Report of Saturator — Data Link



Run 5: Statistics of Saturator

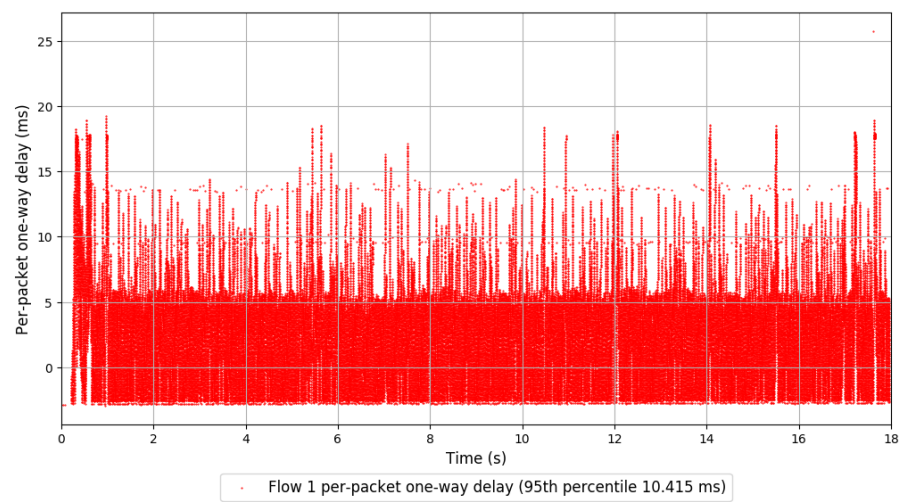
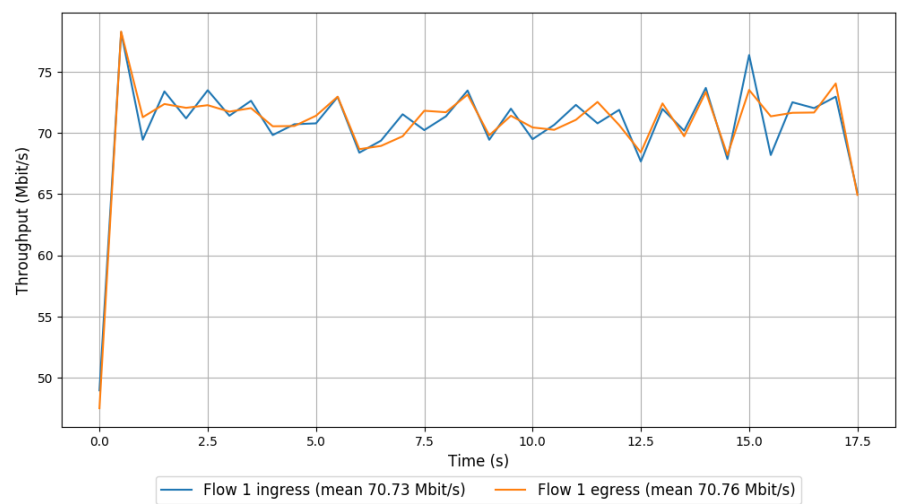
Start at: Fri, 23 Jun 2017 18:43:21 +0000

End at: Fri, 23 Jun 2017 18:43:51 +0000

Local clock offset: -4.431 ms

Remote clock offset: 0.703 ms

Run 5: Report of Saturator — Data Link



Run 6: Statistics of Saturator

Start at: Fri, 23 Jun 2017 19:01:02 +0000

End at: Fri, 23 Jun 2017 19:01:32 +0000

Local clock offset: -2.346 ms

Remote clock offset: 0.527 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:49:57 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 63.61 Mbit/s

95th percentile per-packet one-way delay: 12.447 ms

Loss rate: 0.00%

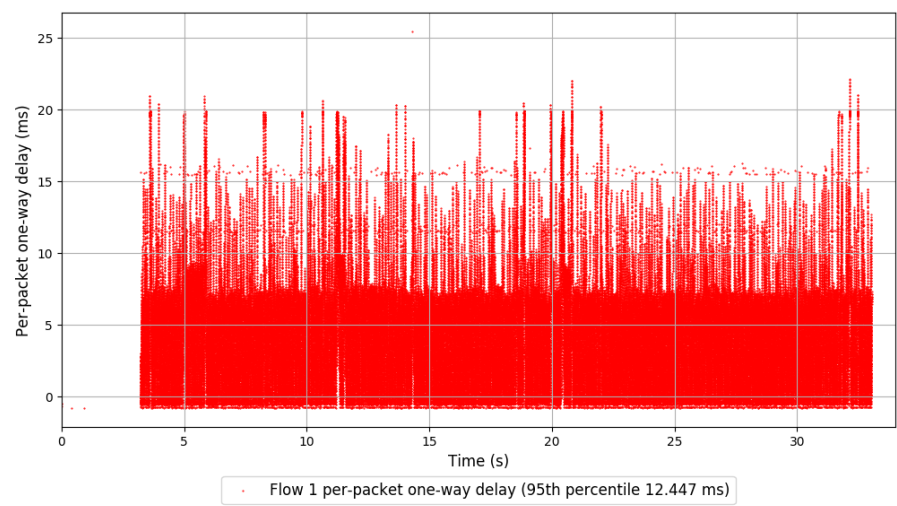
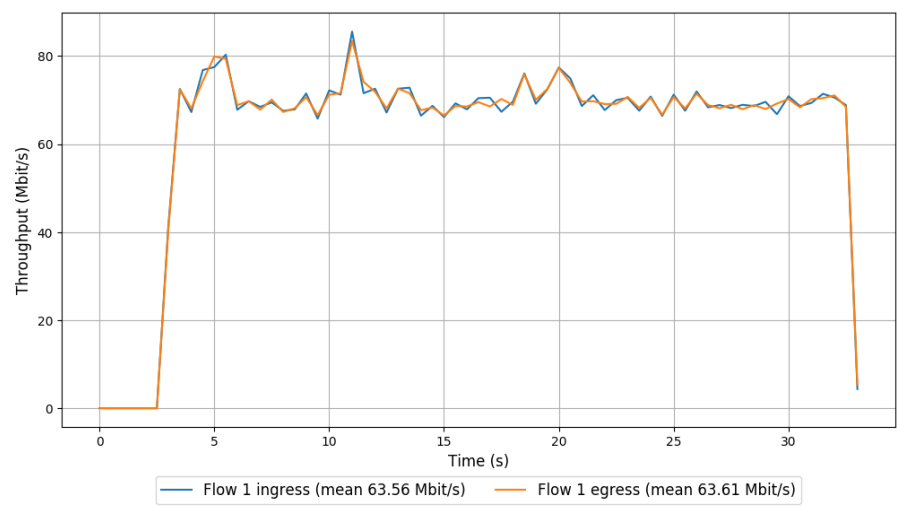
-- Flow 1:

Average throughput: 63.61 Mbit/s

95th percentile per-packet one-way delay: 12.447 ms

Loss rate: 0.00%

Run 6: Report of Saturator — Data Link



Run 7: Statistics of Saturator

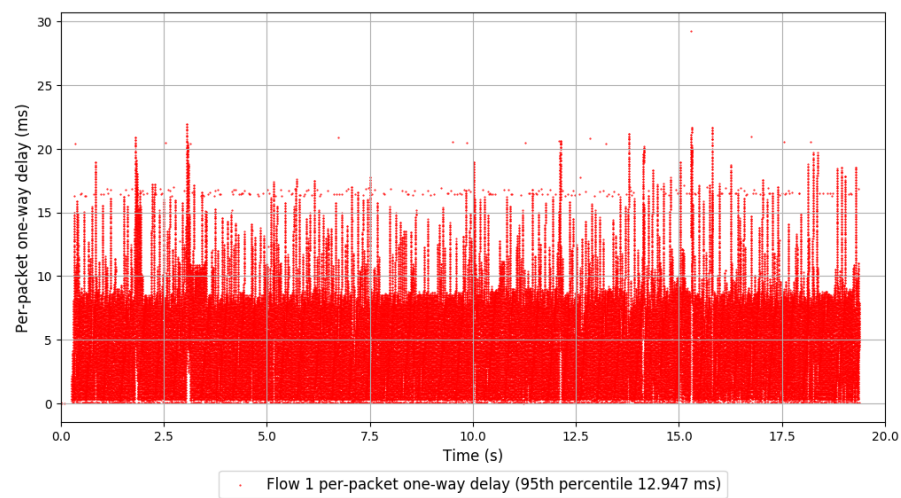
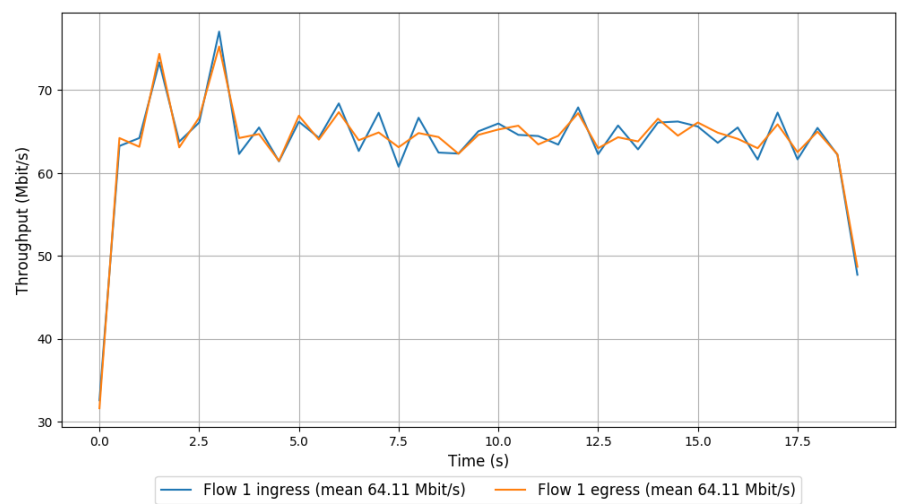
Start at: Fri, 23 Jun 2017 19:19:35 +0000

End at: Fri, 23 Jun 2017 19:20:05 +0000

Local clock offset: -1.625 ms

Remote clock offset: 0.447 ms

Run 7: Report of Saturator — Data Link



Run 8: Statistics of Saturator

Start at: Fri, 23 Jun 2017 19:37:37 +0000

End at: Fri, 23 Jun 2017 19:38:07 +0000

Local clock offset: -1.356 ms

Remote clock offset: 0.343 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:50:28 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 66.78 Mbit/s

95th percentile per-packet one-way delay: 14.458 ms

Loss rate: 0.00%

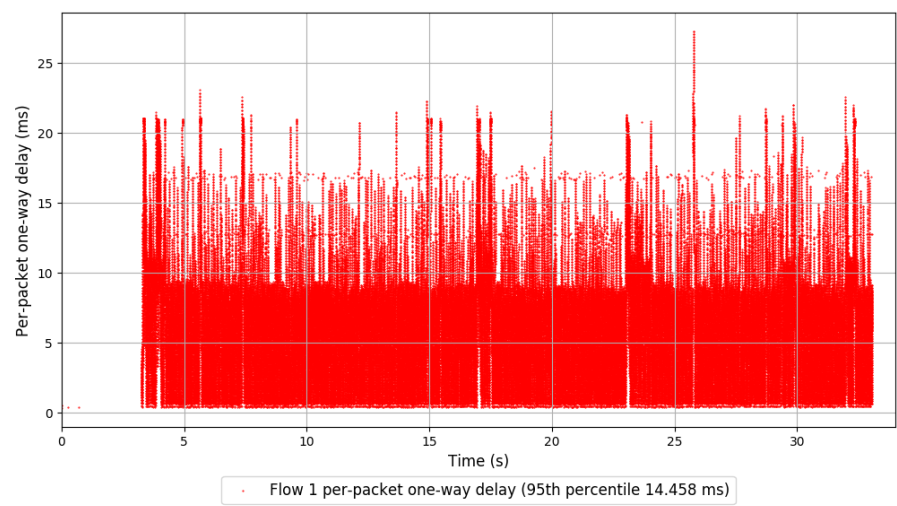
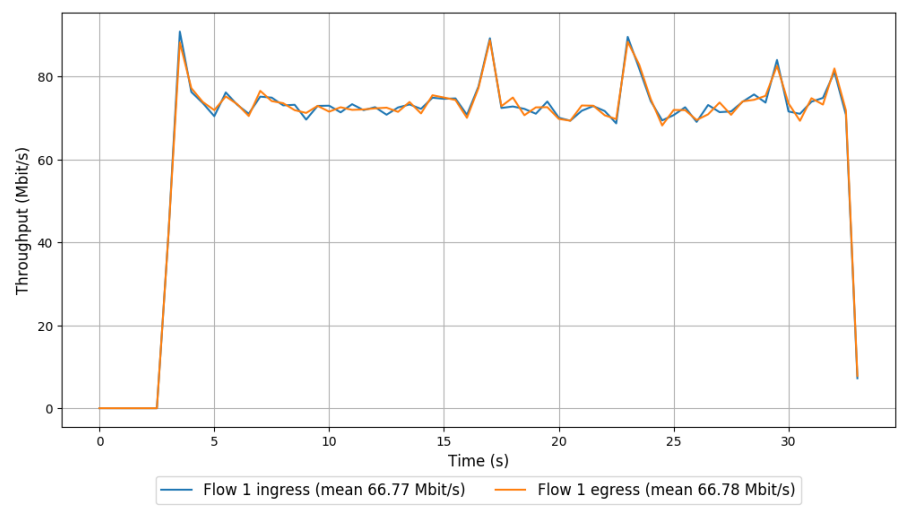
-- Flow 1:

Average throughput: 66.78 Mbit/s

95th percentile per-packet one-way delay: 14.458 ms

Loss rate: 0.00%

Run 8: Report of Saturator — Data Link



Run 9: Statistics of Saturator

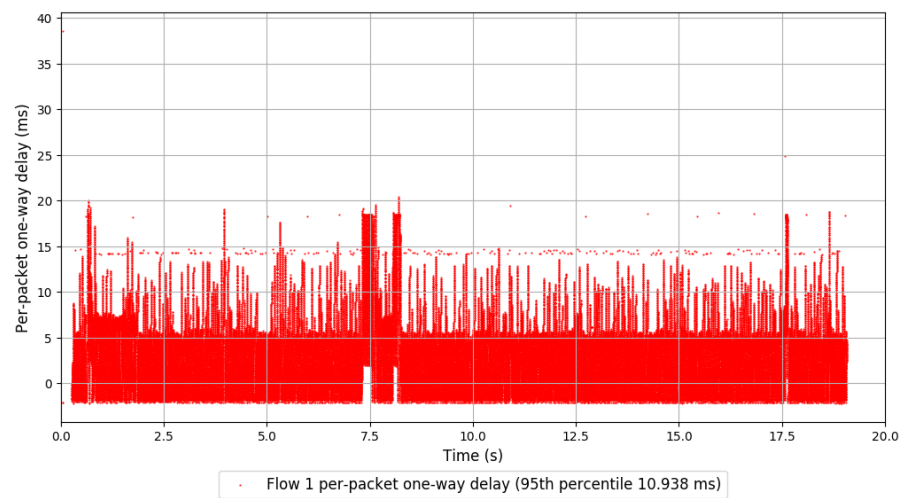
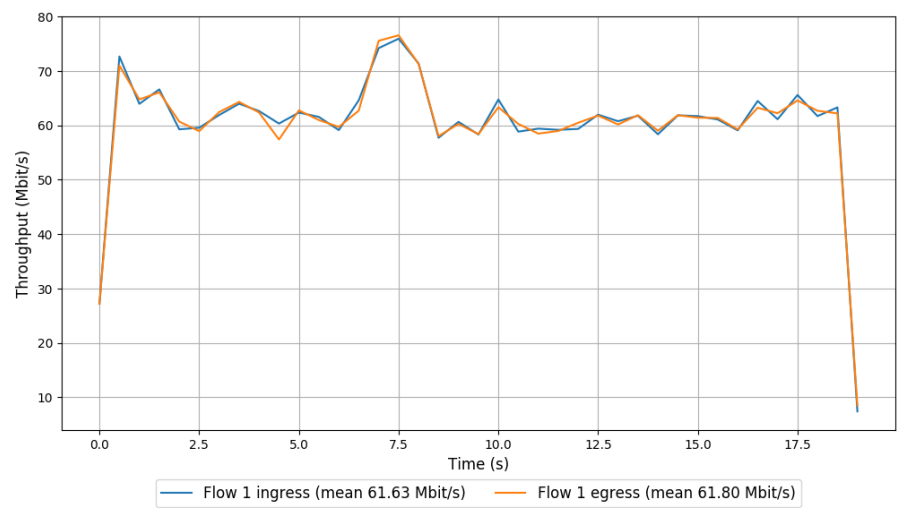
Start at: Fri, 23 Jun 2017 19:56:02 +0000

End at: Fri, 23 Jun 2017 19:56:32 +0000

Local clock offset: -3.763 ms

Remote clock offset: 0.228 ms

Run 9: Report of Saturator — Data Link



Run 10: Statistics of Saturator

Start at: Fri, 23 Jun 2017 20:14:26 +0000

End at: Fri, 23 Jun 2017 20:14:56 +0000

Local clock offset: -4.417 ms

Remote clock offset: 0.09 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:51:05 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 61.57 Mbit/s

95th percentile per-packet one-way delay: 10.971 ms

Loss rate: 0.01%

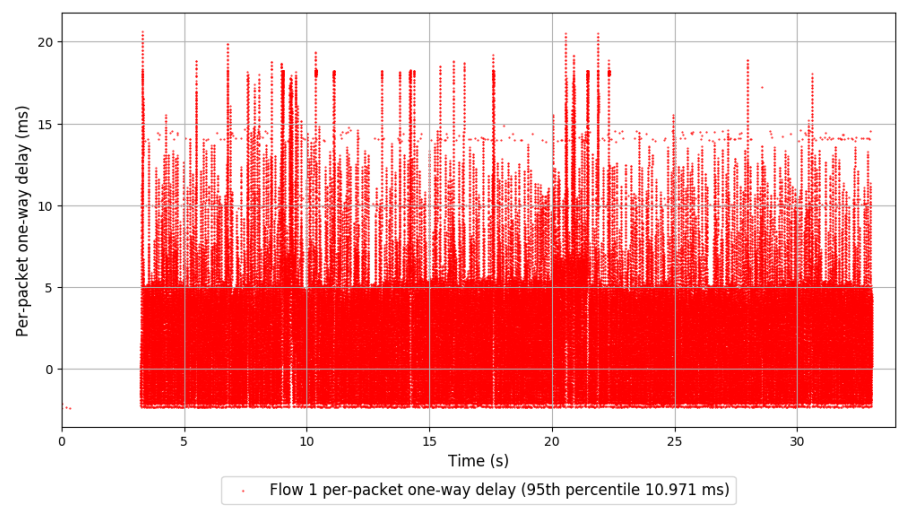
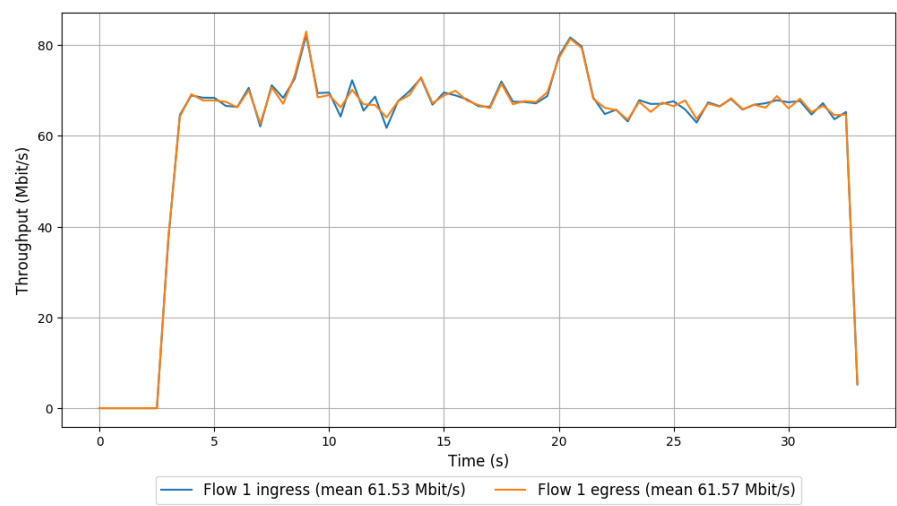
-- Flow 1:

Average throughput: 61.57 Mbit/s

95th percentile per-packet one-way delay: 10.971 ms

Loss rate: 0.01%

Run 10: Report of Saturator — Data Link



Run 1: Statistics of SCReAM

Start at: Fri, 23 Jun 2017 17:17:53 +0000

End at: Fri, 23 Jun 2017 17:18:23 +0000

Local clock offset: -1.781 ms

Remote clock offset: 0.067 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:51:05 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 0.299 ms

Loss rate: 0.00%

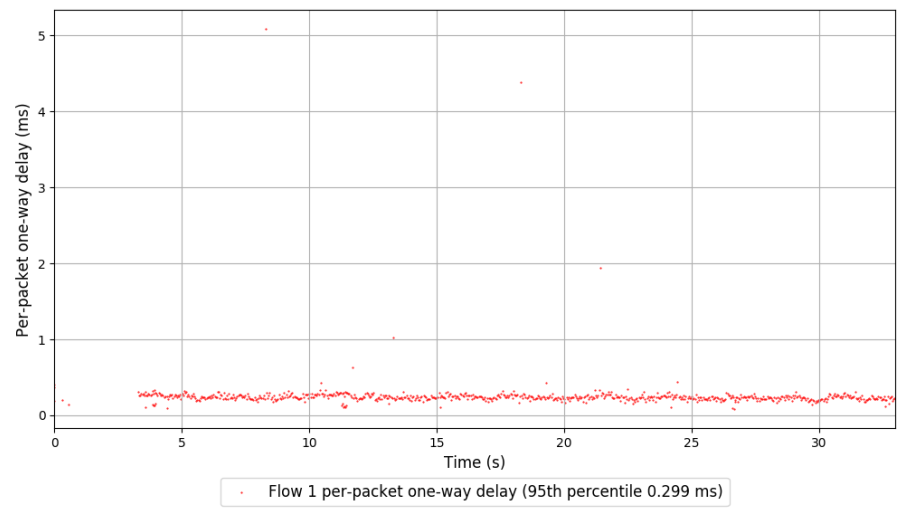
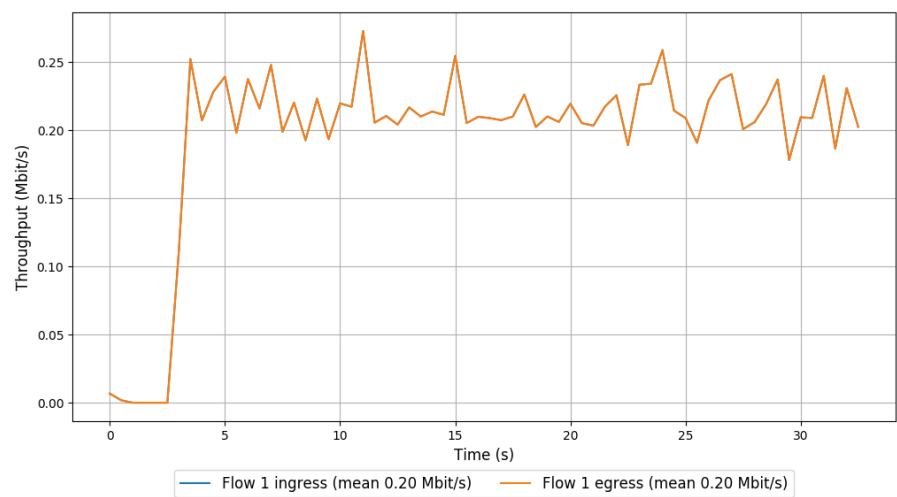
-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 0.299 ms

Loss rate: 0.00%

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

Start at: Fri, 23 Jun 2017 17:36:14 +0000

End at: Fri, 23 Jun 2017 17:36:44 +0000

Local clock offset: -3.39 ms

Remote clock offset: 0.232 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:51:05 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: -1.638 ms

Loss rate: 0.00%

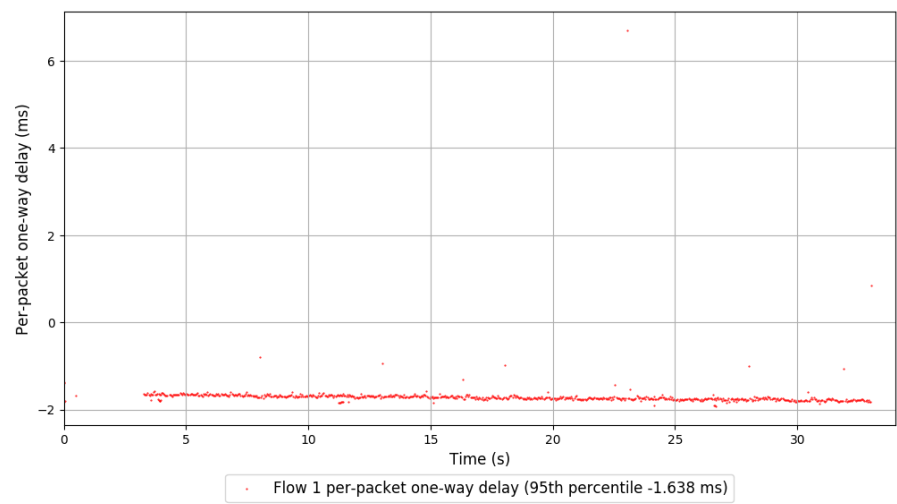
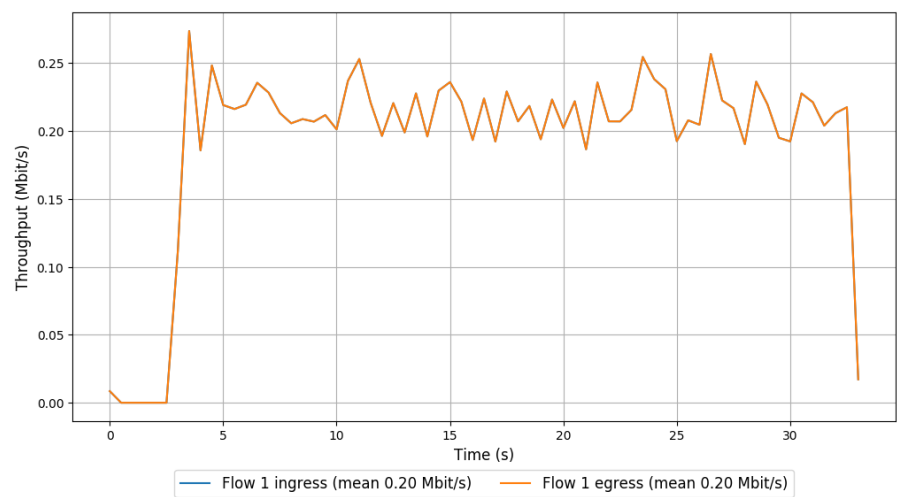
-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: -1.638 ms

Loss rate: 0.00%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SCReAM

Start at: Fri, 23 Jun 2017 17:54:40 +0000

End at: Fri, 23 Jun 2017 17:55:10 +0000

Local clock offset: -6.212 ms

Remote clock offset: 0.505 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:51:05 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: -4.582 ms

Loss rate: 0.00%

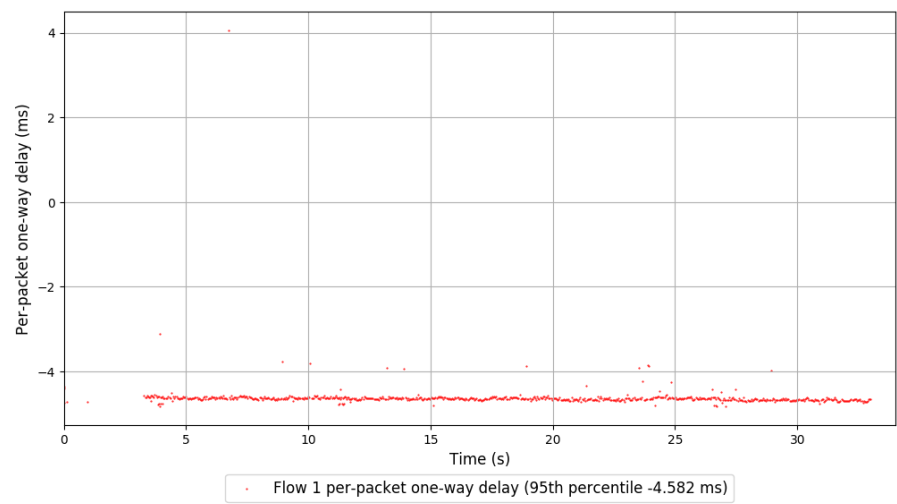
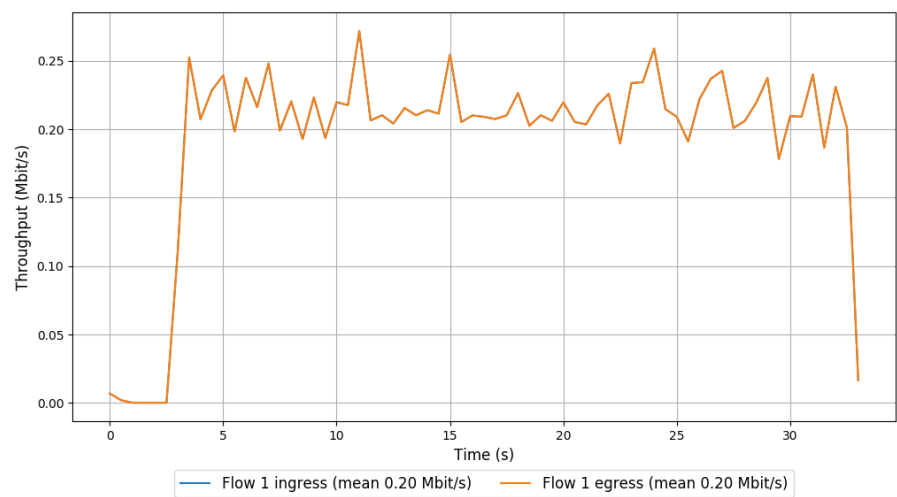
-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: -4.582 ms

Loss rate: 0.00%

Run 3: Report of SReAM — Data Link



Run 4: Statistics of SCReAM

Start at: Fri, 23 Jun 2017 18:13:18 +0000

End at: Fri, 23 Jun 2017 18:13:48 +0000

Local clock offset: -5.801 ms

Remote clock offset: 0.679 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:51:05 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: -4.302 ms

Loss rate: 0.00%

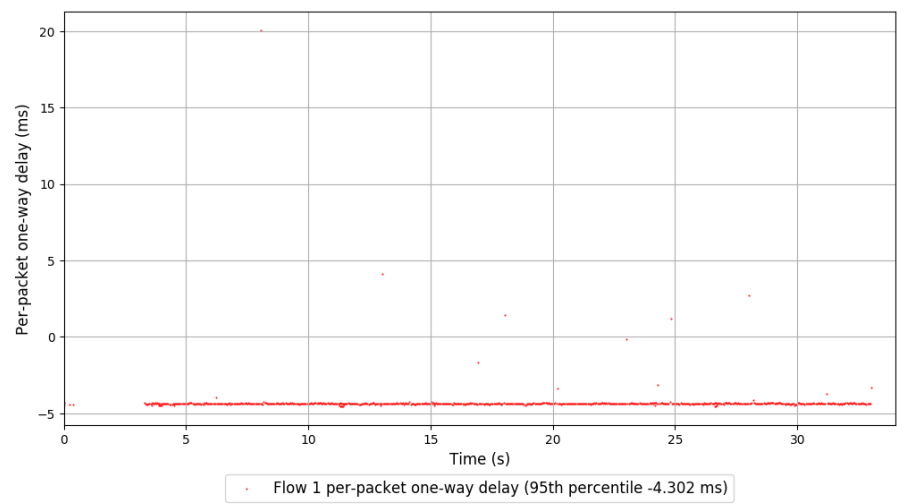
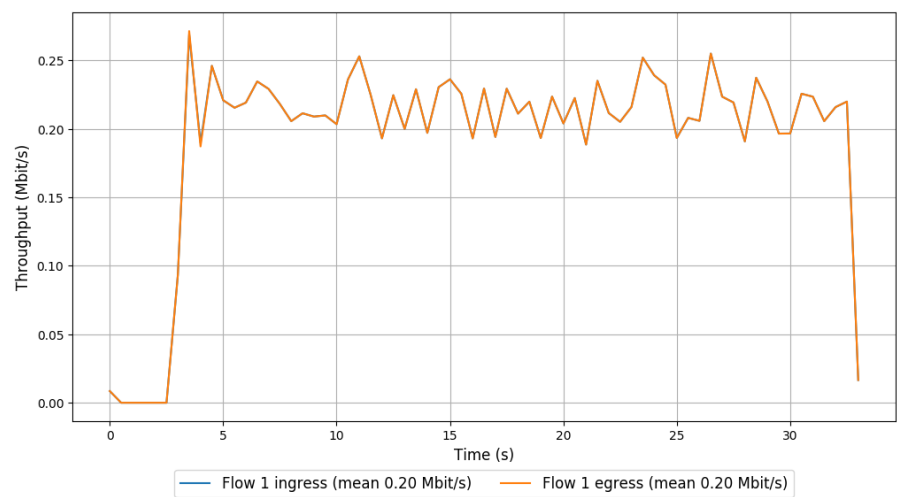
-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: -4.302 ms

Loss rate: 0.00%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

Start at: Fri, 23 Jun 2017 18:31:30 +0000

End at: Fri, 23 Jun 2017 18:32:00 +0000

Local clock offset: -5.326 ms

Remote clock offset: 0.797 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:51:05 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: -3.950 ms

Loss rate: 0.00%

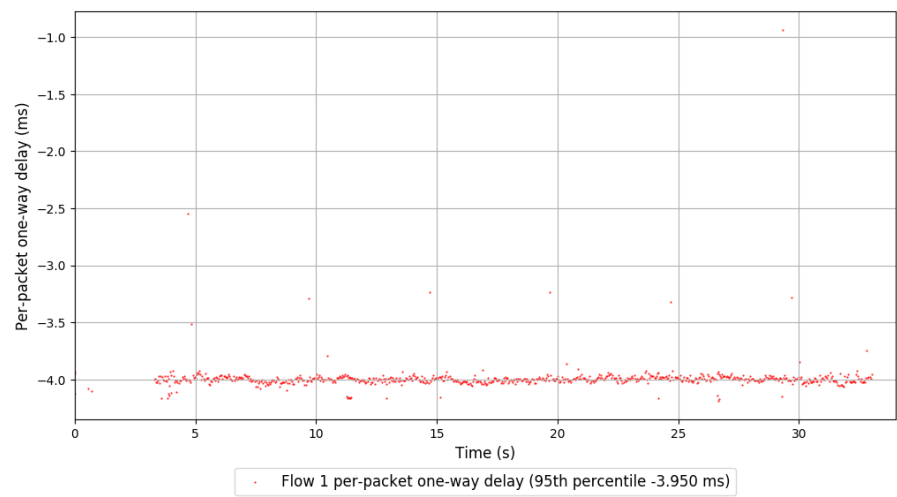
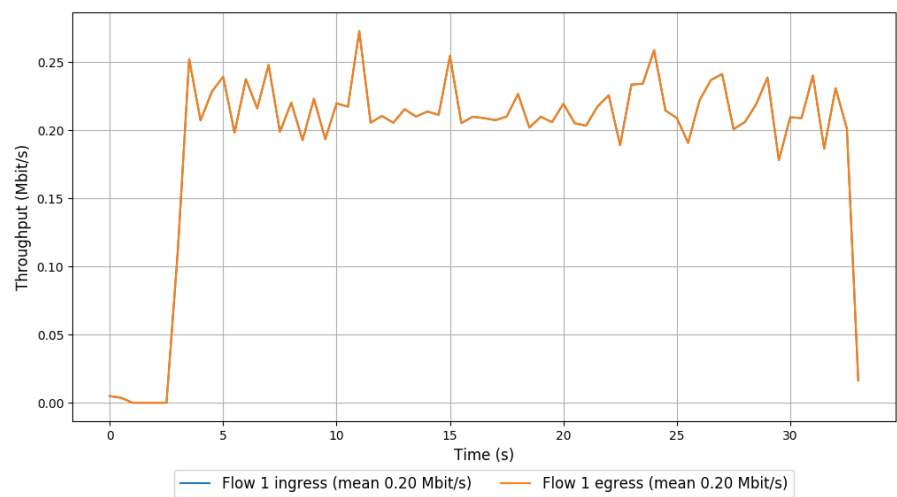
-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: -3.950 ms

Loss rate: 0.00%

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SCReAM

Start at: Fri, 23 Jun 2017 18:49:47 +0000

End at: Fri, 23 Jun 2017 18:50:17 +0000

Local clock offset: -3.091 ms

Remote clock offset: 0.61 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:51:05 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: -1.425 ms

Loss rate: 0.00%

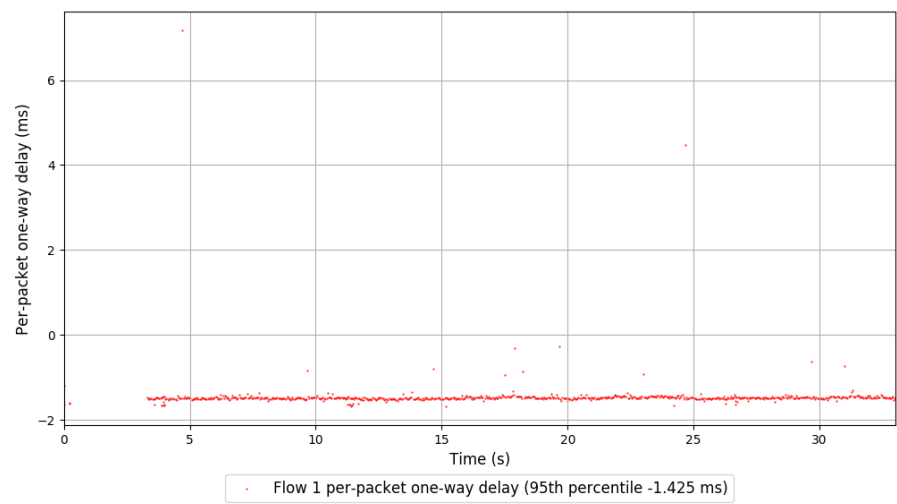
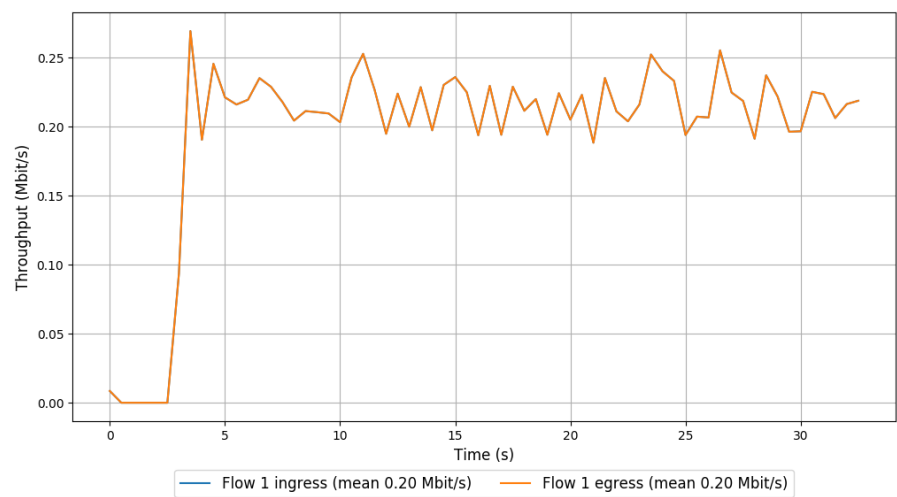
-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: -1.425 ms

Loss rate: 0.00%

Run 6: Report of SReAM — Data Link



Run 7: Statistics of SCReAM

Start at: Fri, 23 Jun 2017 19:07:37 +0000

End at: Fri, 23 Jun 2017 19:08:07 +0000

Local clock offset: -2.085 ms

Remote clock offset: 0.421 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:51:05 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: -0.209 ms

Loss rate: 0.00%

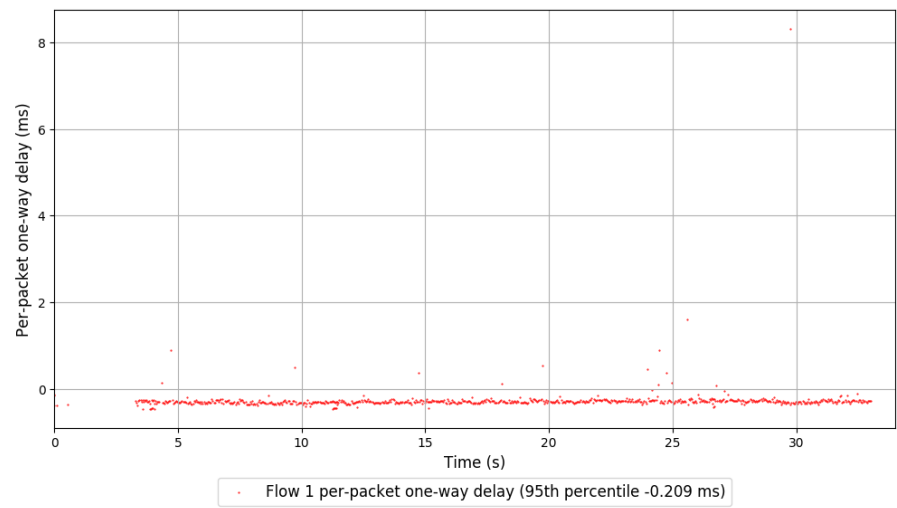
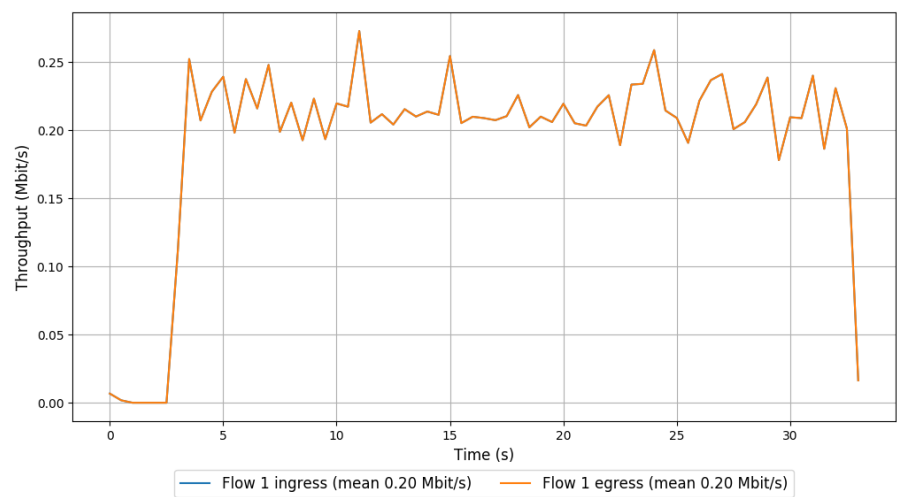
-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: -0.209 ms

Loss rate: 0.00%

Run 7: Report of SReAM — Data Link



Run 8: Statistics of SCReAM

Start at: Fri, 23 Jun 2017 19:25:59 +0000

End at: Fri, 23 Jun 2017 19:26:29 +0000

Local clock offset: -1.59 ms

Remote clock offset: 0.417 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:51:09 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 0.258 ms

Loss rate: 0.00%

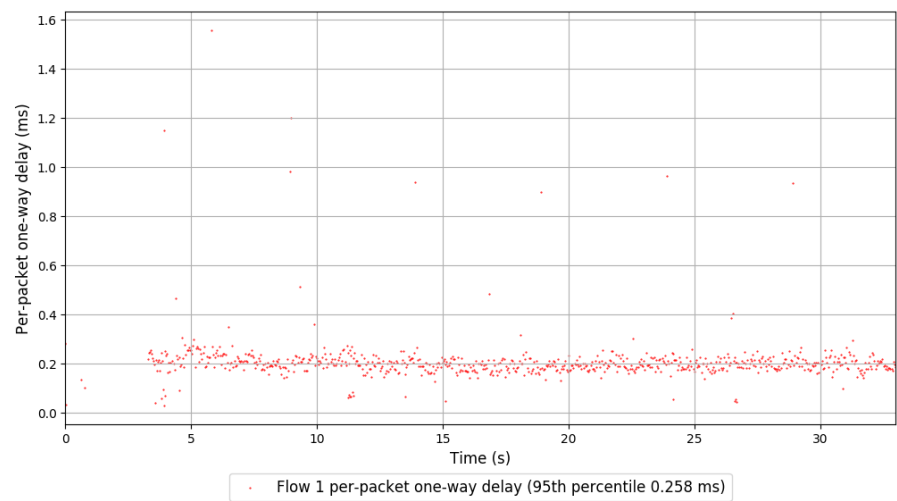
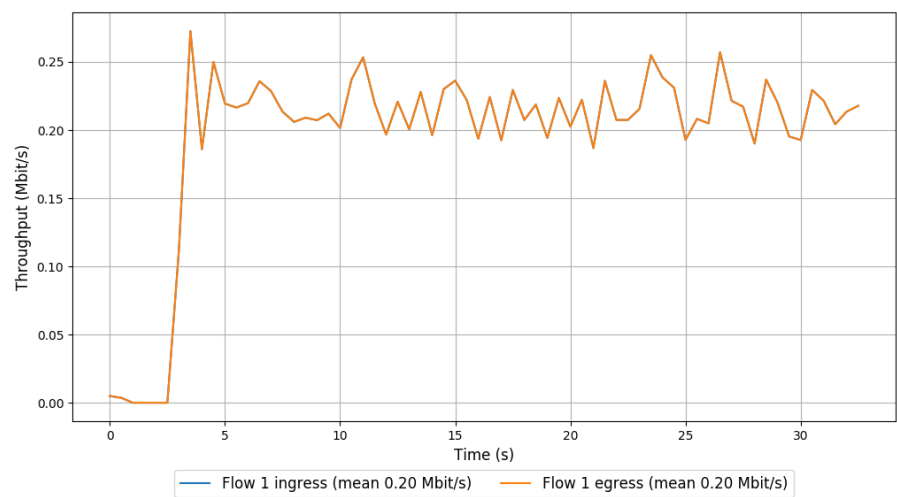
-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 0.258 ms

Loss rate: 0.00%

Run 8: Report of SReAM — Data Link



Run 9: Statistics of SCReAM

Start at: Fri, 23 Jun 2017 19:44:14 +0000

End at: Fri, 23 Jun 2017 19:44:44 +0000

Local clock offset: -1.206 ms

Remote clock offset: 0.317 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:51:10 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 0.820 ms

Loss rate: 0.13%

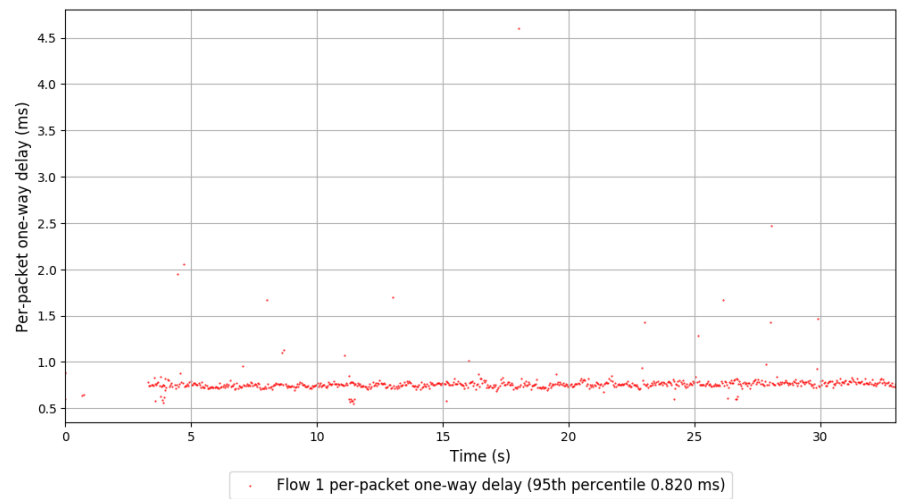
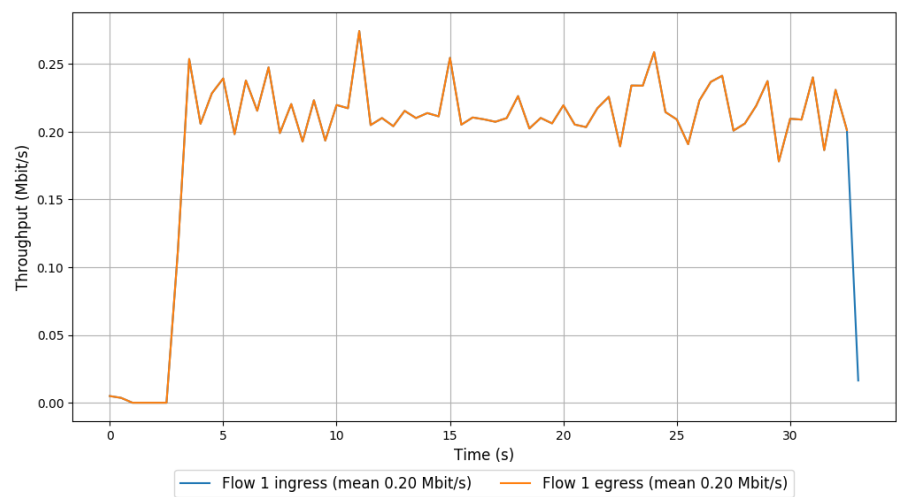
-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 0.820 ms

Loss rate: 0.13%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SCReAM

Start at: Fri, 23 Jun 2017 20:02:38 +0000

End at: Fri, 23 Jun 2017 20:03:08 +0000

Local clock offset: -4.639 ms

Remote clock offset: 0.143 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:51:14 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: -2.592 ms

Loss rate: 0.00%

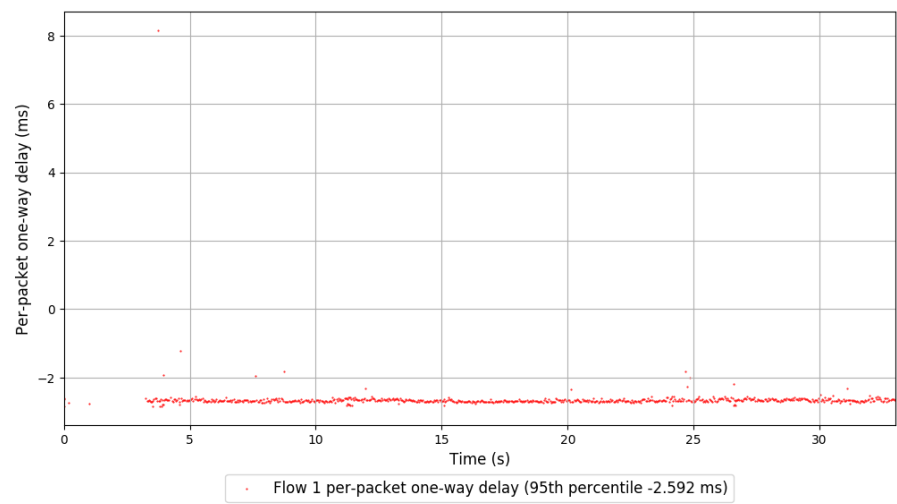
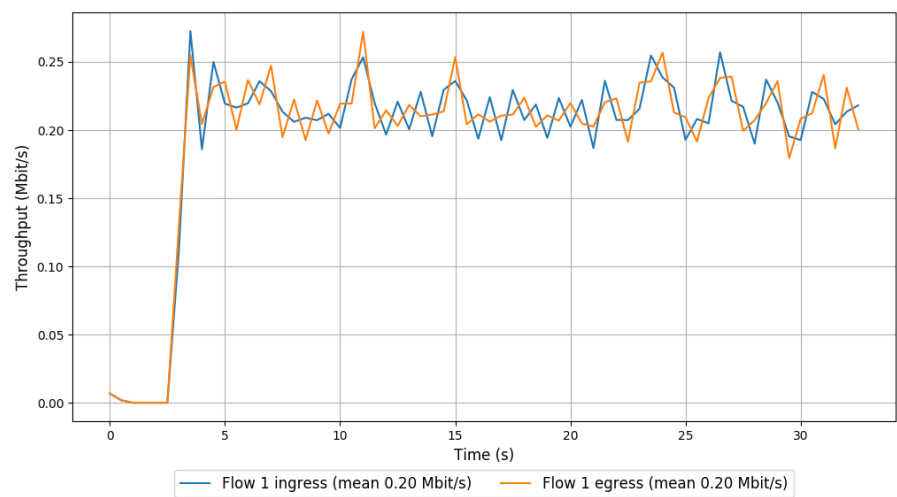
-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: -2.592 ms

Loss rate: 0.00%

Run 10: Report of SReAM — Data Link



Run 1: Statistics of Sprout

Start at: Fri, 23 Jun 2017 17:23:50 +0000

End at: Fri, 23 Jun 2017 17:24:20 +0000

Local clock offset: -1.98 ms

Remote clock offset: 0.065 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:51:39 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 44.95 Mbit/s

95th percentile per-packet one-way delay: 8.893 ms

Loss rate: 0.00%

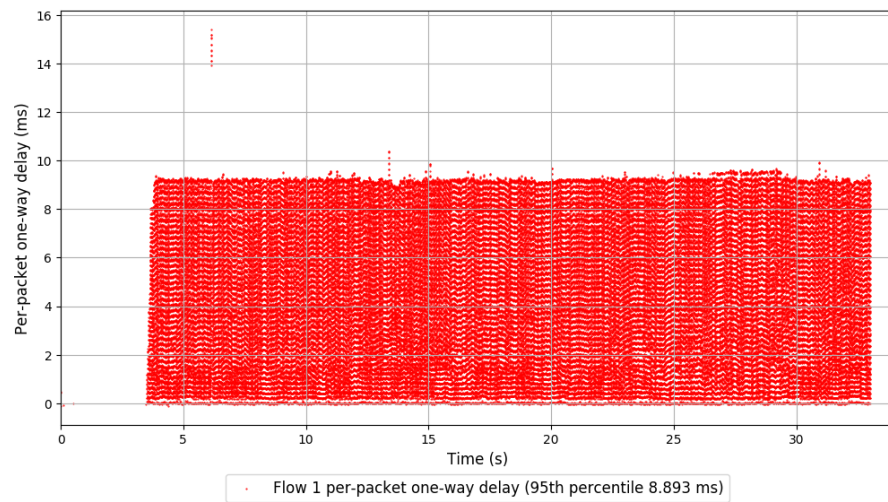
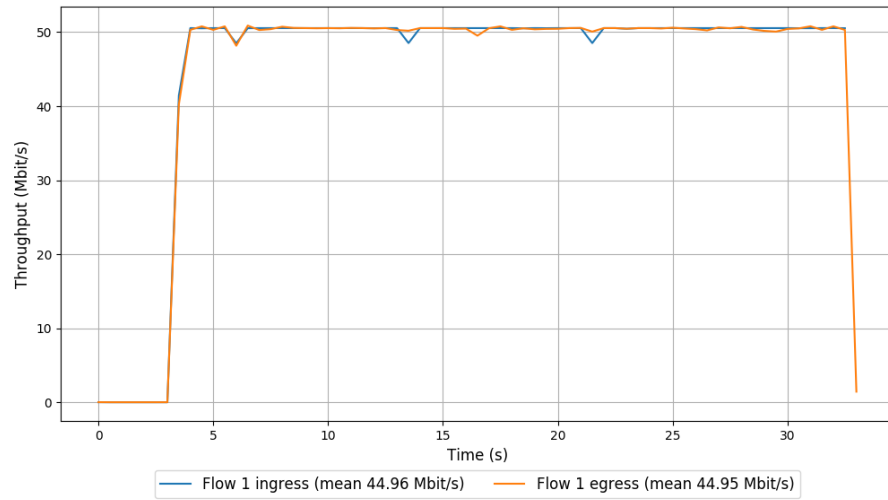
-- Flow 1:

Average throughput: 44.95 Mbit/s

95th percentile per-packet one-way delay: 8.893 ms

Loss rate: 0.00%

### Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

Start at: Fri, 23 Jun 2017 17:41:59 +0000

End at: Fri, 23 Jun 2017 17:42:29 +0000

Local clock offset: -4.92 ms

Remote clock offset: 0.338 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:51:43 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 43.19 Mbit/s

95th percentile per-packet one-way delay: 5.723 ms

Loss rate: 0.00%

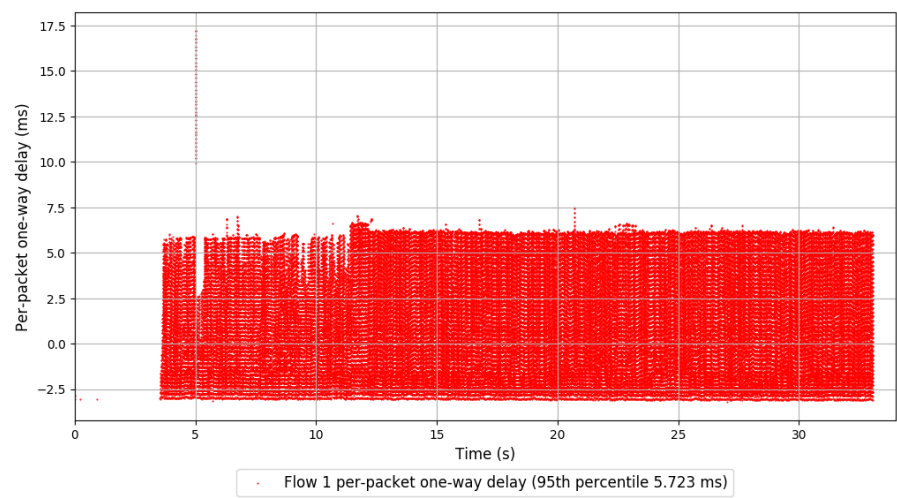
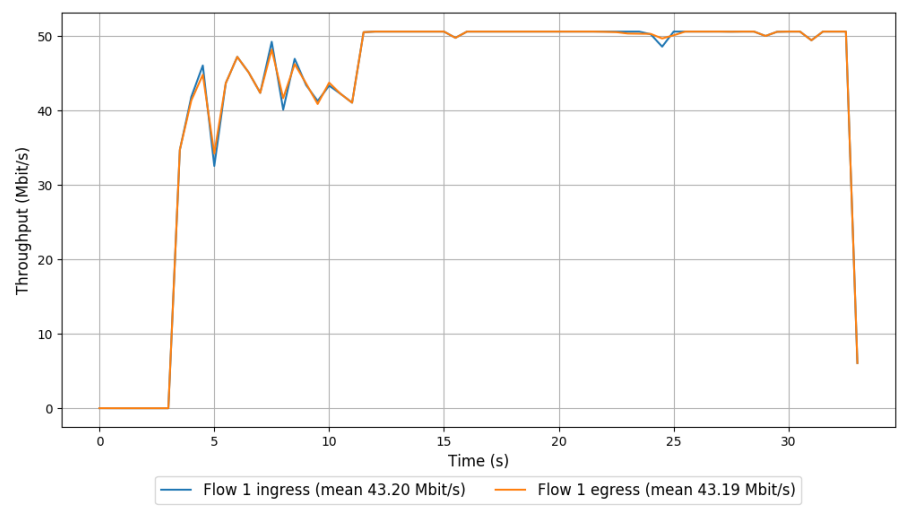
-- Flow 1:

Average throughput: 43.19 Mbit/s

95th percentile per-packet one-way delay: 5.723 ms

Loss rate: 0.00%

Run 2: Report of Sprout — Data Link



Run 3: Statistics of Sprout

Start at: Fri, 23 Jun 2017 18:00:40 +0000

End at: Fri, 23 Jun 2017 18:01:10 +0000

Local clock offset: -6.38 ms

Remote clock offset: 0.545 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:52:09 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 44.99 Mbit/s

95th percentile per-packet one-way delay: 4.008 ms

Loss rate: 0.00%

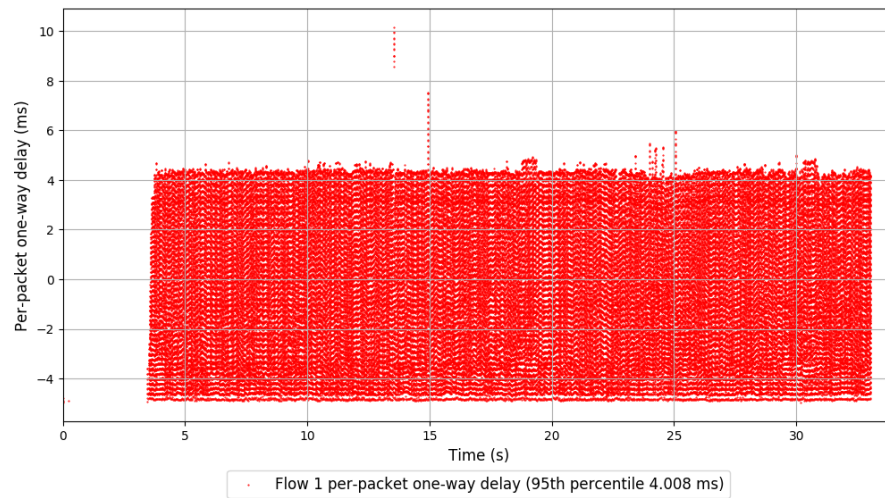
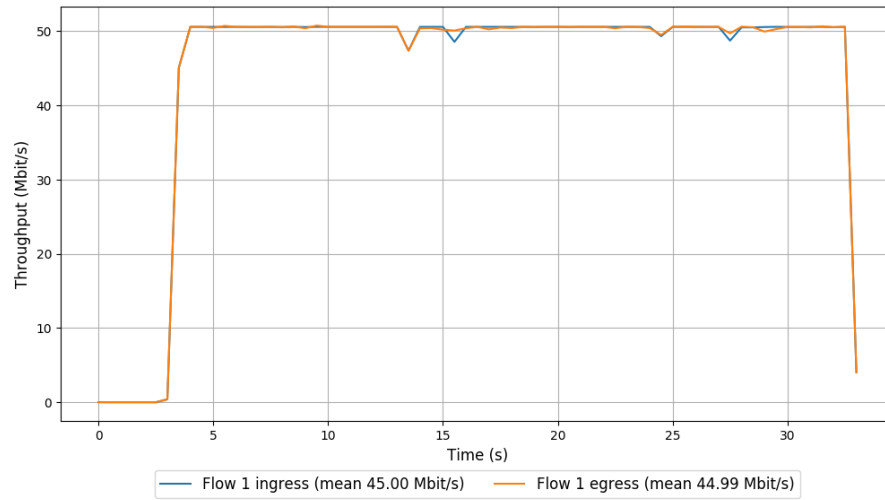
-- Flow 1:

Average throughput: 44.99 Mbit/s

95th percentile per-packet one-way delay: 4.008 ms

Loss rate: 0.00%

### Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

Start at: Fri, 23 Jun 2017 18:19:05 +0000

End at: Fri, 23 Jun 2017 18:19:36 +0000

Local clock offset: -5.588 ms

Remote clock offset: 0.727 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:52:10 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 41.22 Mbit/s

95th percentile per-packet one-way delay: 4.282 ms

Loss rate: 0.00%

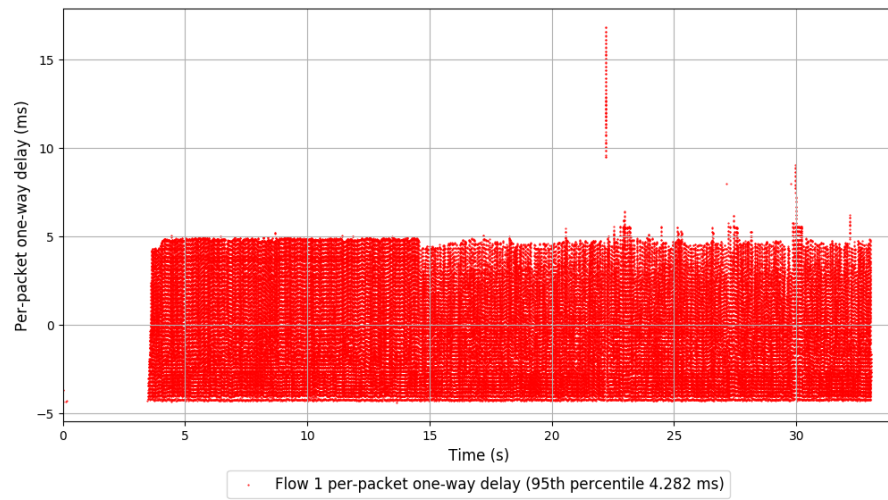
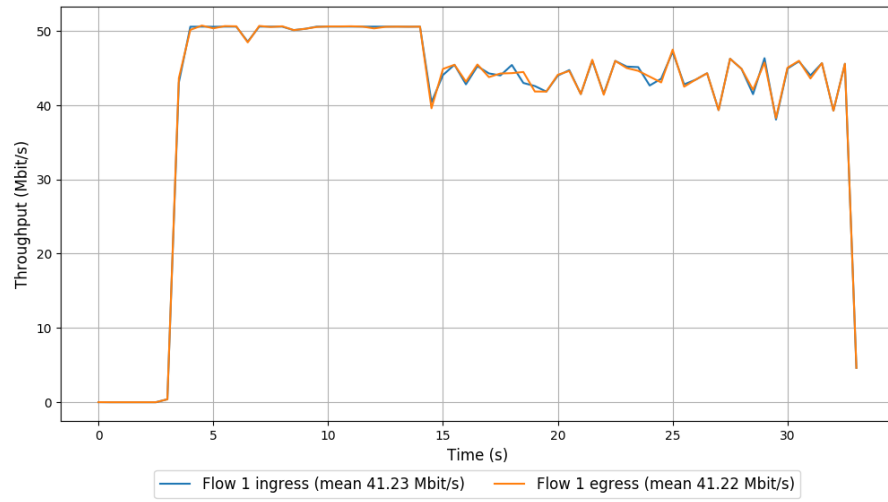
-- Flow 1:

Average throughput: 41.22 Mbit/s

95th percentile per-packet one-way delay: 4.282 ms

Loss rate: 0.00%

#### Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: Fri, 23 Jun 2017 18:37:18 +0000

End at: Fri, 23 Jun 2017 18:37:48 +0000

Local clock offset: -5.387 ms

Remote clock offset: 0.761 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:52:39 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 44.90 Mbit/s

95th percentile per-packet one-way delay: 4.886 ms

Loss rate: 0.00%

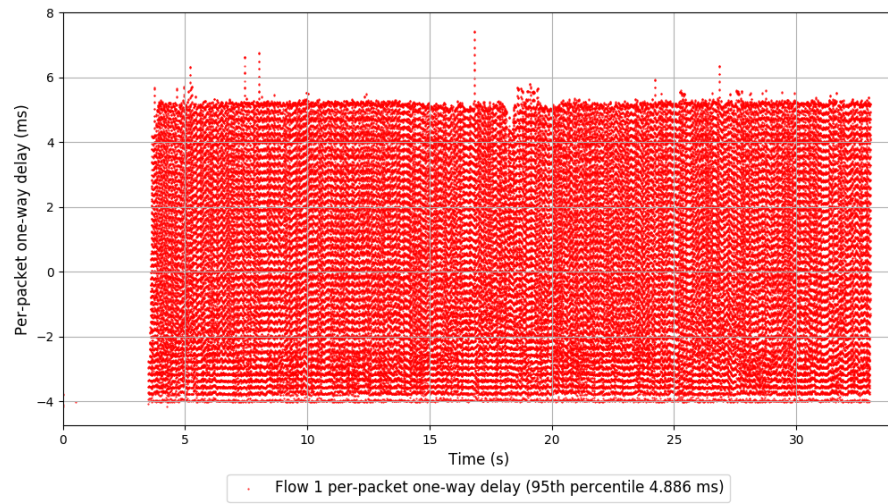
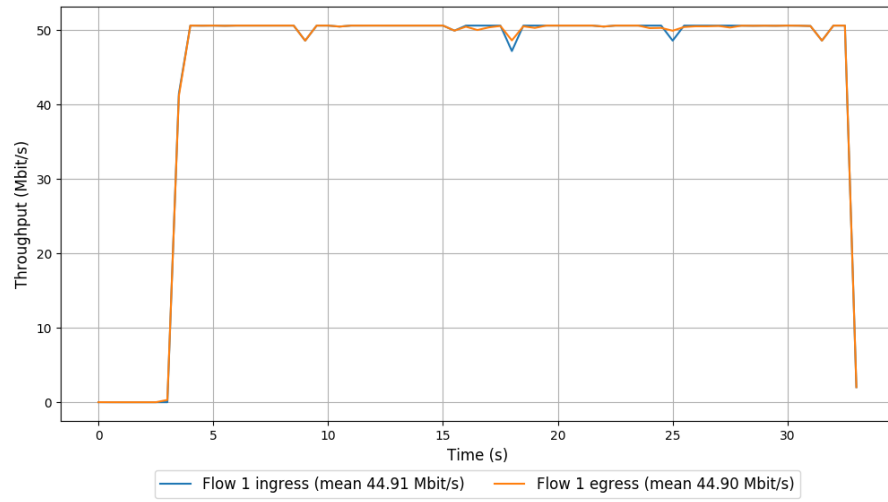
-- Flow 1:

Average throughput: 44.90 Mbit/s

95th percentile per-packet one-way delay: 4.886 ms

Loss rate: 0.00%

### Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

Start at: Fri, 23 Jun 2017 18:55:13 +0000

End at: Fri, 23 Jun 2017 18:55:43 +0000

Local clock offset: -2.717 ms

Remote clock offset: 0.54 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:52:39 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 40.61 Mbit/s

95th percentile per-packet one-way delay: 7.415 ms

Loss rate: 0.03%

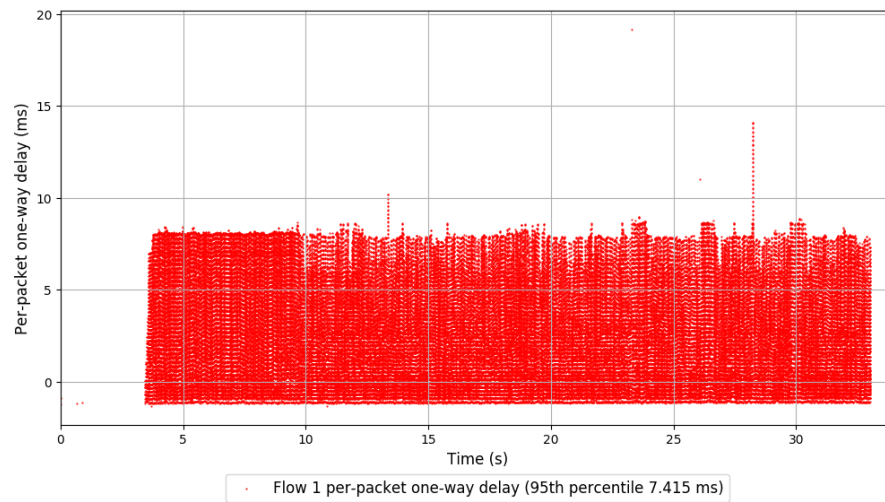
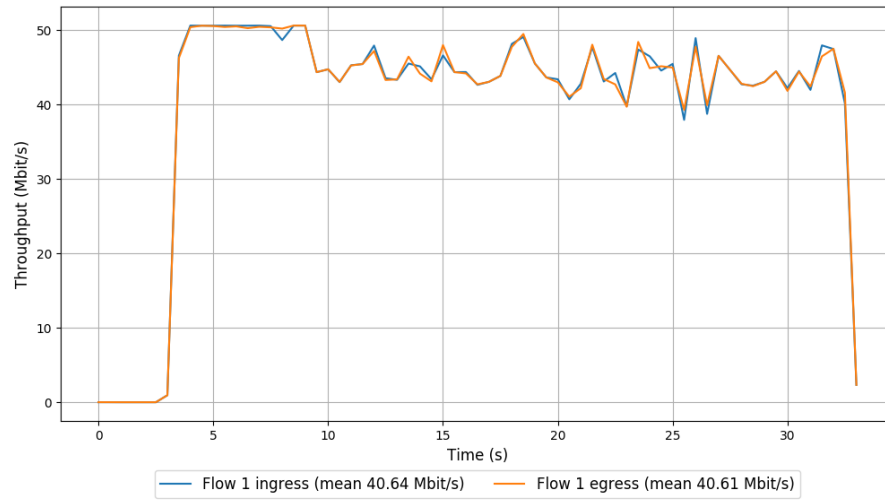
-- Flow 1:

Average throughput: 40.61 Mbit/s

95th percentile per-packet one-way delay: 7.415 ms

Loss rate: 0.03%

## Run 6: Report of Sprout — Data Link



Run 7: Statistics of Sprout

Start at: Fri, 23 Jun 2017 19:13:24 +0000

End at: Fri, 23 Jun 2017 19:13:54 +0000

Local clock offset: -1.716 ms

Remote clock offset: 0.49 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:53:07 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 45.12 Mbit/s

95th percentile per-packet one-way delay: 8.763 ms

Loss rate: 0.00%

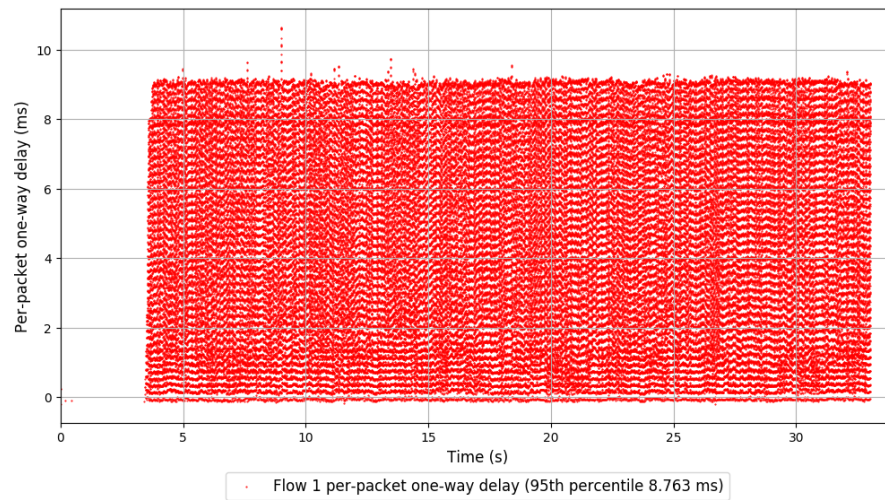
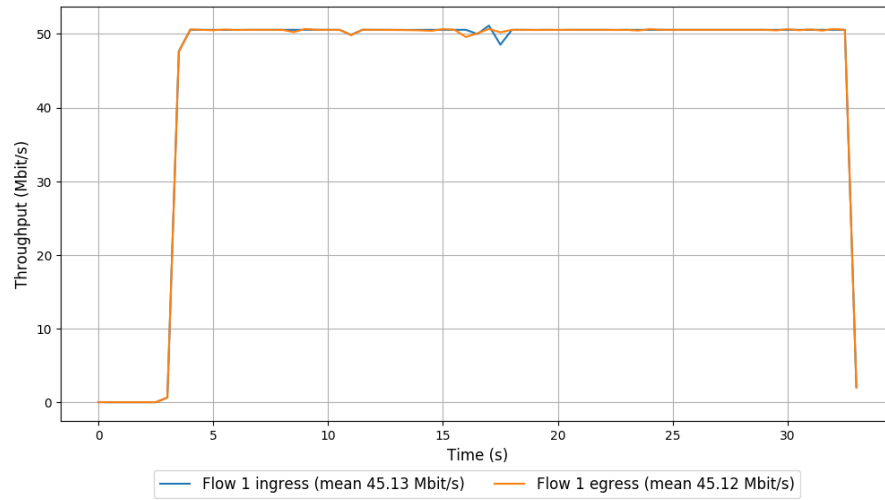
-- Flow 1:

Average throughput: 45.12 Mbit/s

95th percentile per-packet one-way delay: 8.763 ms

Loss rate: 0.00%

## Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

Start at: Fri, 23 Jun 2017 19:31:46 +0000

End at: Fri, 23 Jun 2017 19:32:16 +0000

Local clock offset: -3.192 ms

Remote clock offset: 0.368 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:53:07 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 38.89 Mbit/s

95th percentile per-packet one-way delay: 8.544 ms

Loss rate: 0.00%

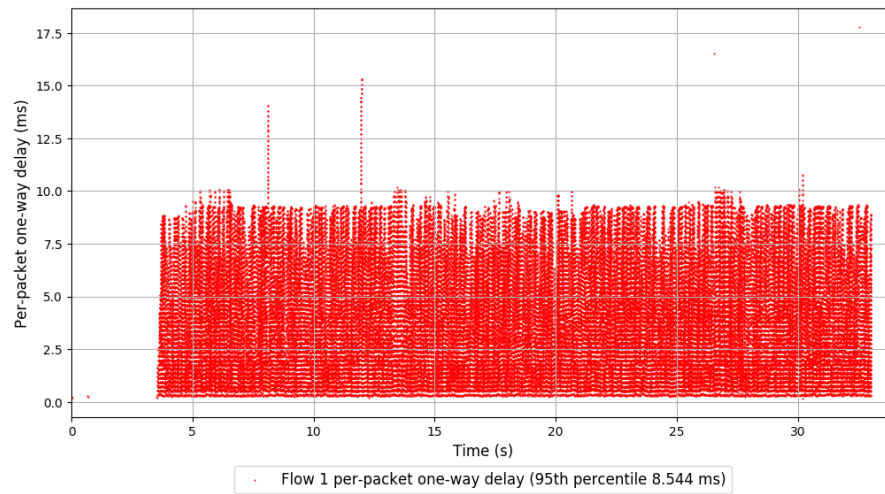
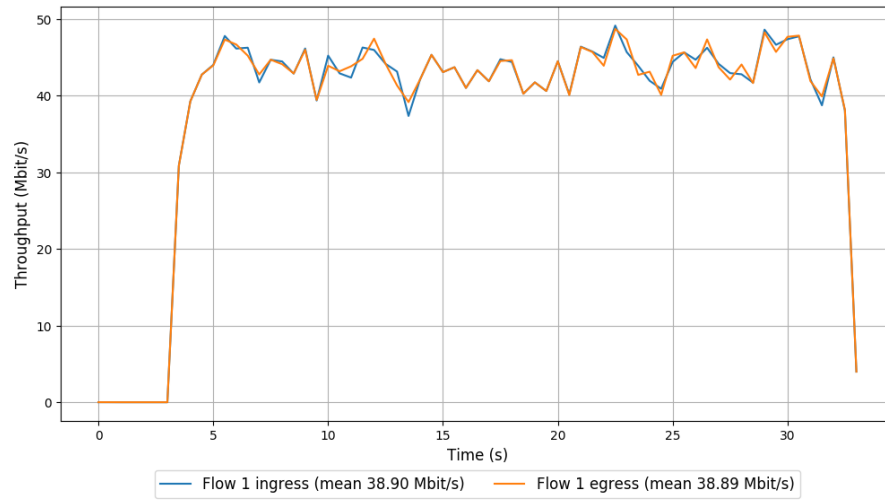
-- Flow 1:

Average throughput: 38.89 Mbit/s

95th percentile per-packet one-way delay: 8.544 ms

Loss rate: 0.00%

## Run 8: Report of Sprout — Data Link



Run 9: Statistics of Sprout

Start at: Fri, 23 Jun 2017 19:49:58 +0000

End at: Fri, 23 Jun 2017 19:50:28 +0000

Local clock offset: -1.444 ms

Remote clock offset: 0.186 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:53:37 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 45.05 Mbit/s

95th percentile per-packet one-way delay: 8.830 ms

Loss rate: 0.00%

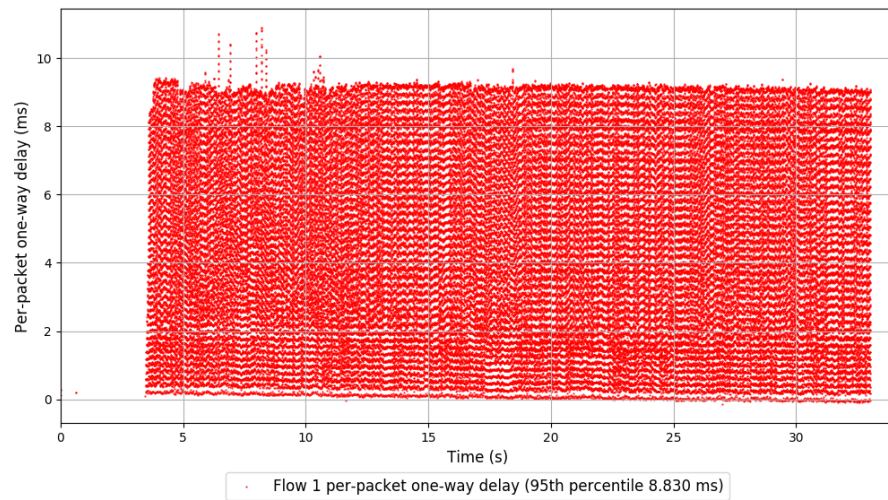
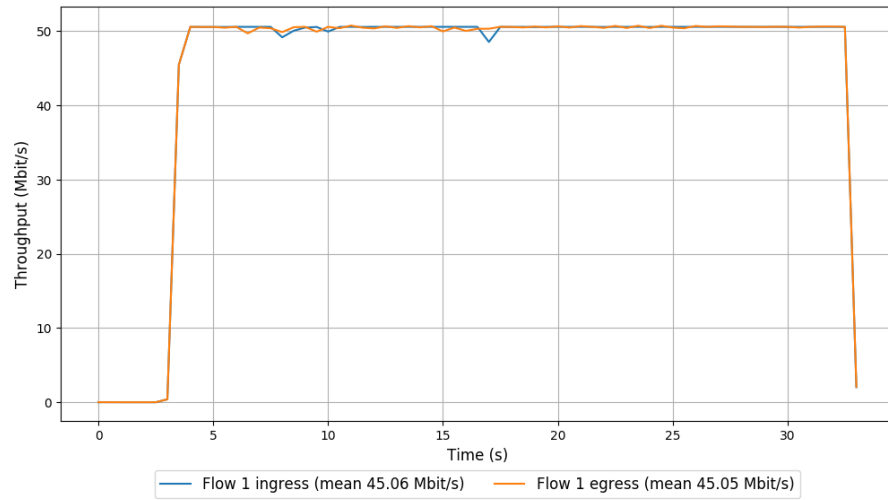
-- Flow 1:

Average throughput: 45.05 Mbit/s

95th percentile per-packet one-way delay: 8.830 ms

Loss rate: 0.00%

### Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: Fri, 23 Jun 2017 20:08:29 +0000

End at: Fri, 23 Jun 2017 20:08:59 +0000

Local clock offset: -4.453 ms

Remote clock offset: 0.165 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:53:37 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 44.81 Mbit/s

95th percentile per-packet one-way delay: 6.360 ms

Loss rate: 0.18%

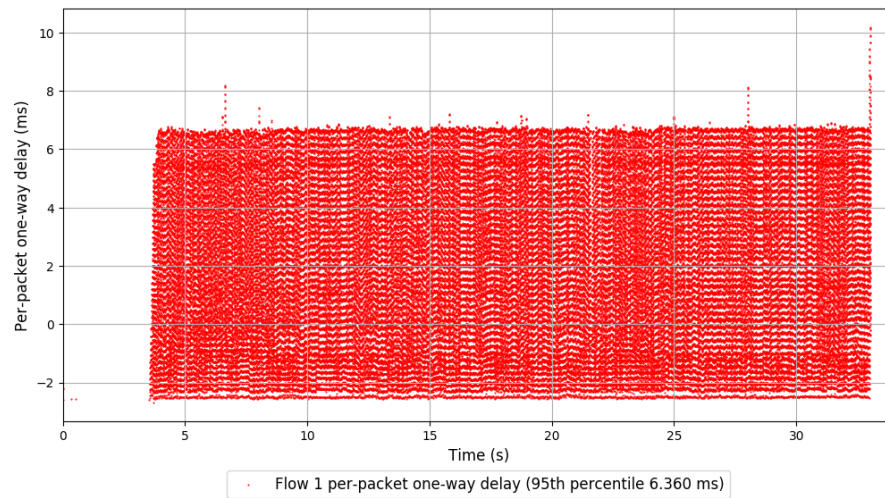
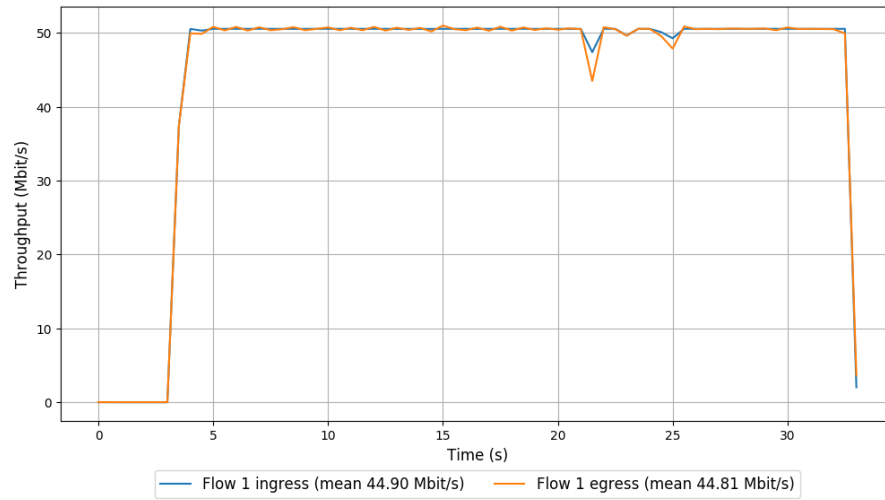
-- Flow 1:

Average throughput: 44.81 Mbit/s

95th percentile per-packet one-way delay: 6.360 ms

Loss rate: 0.18%

## Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: Fri, 23 Jun 2017 17:33:39 +0000

End at: Fri, 23 Jun 2017 17:34:09 +0000

Local clock offset: -2.665 ms

Remote clock offset: 0.085 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:53:47 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 5.18 Mbit/s

95th percentile per-packet one-way delay: -0.706 ms

Loss rate: 0.00%

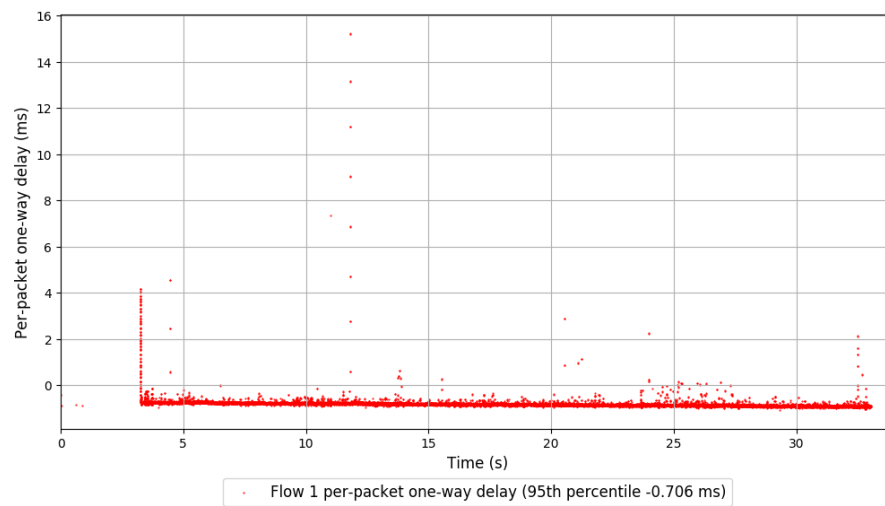
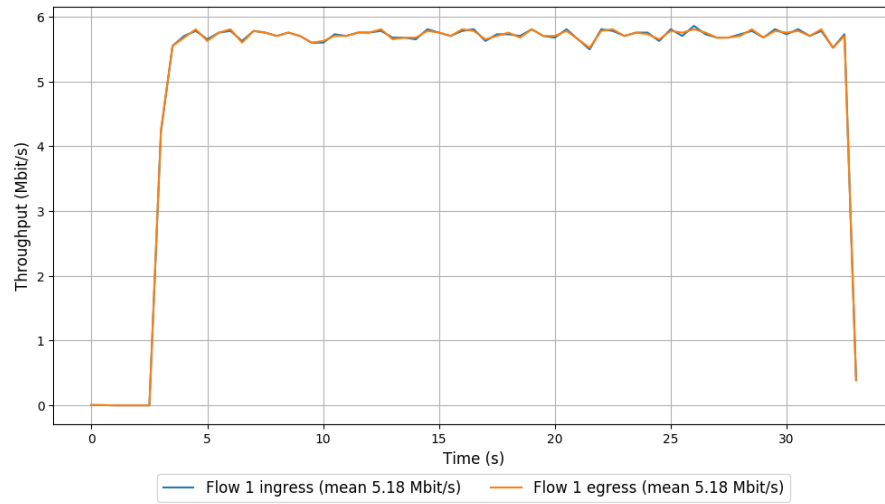
-- Flow 1:

Average throughput: 5.18 Mbit/s

95th percentile per-packet one-way delay: -0.706 ms

Loss rate: 0.00%

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



Run 2: Statistics of TaoVA-100x

Start at: Fri, 23 Jun 2017 17:52:04 +0000

End at: Fri, 23 Jun 2017 17:52:34 +0000

Local clock offset: -5.969 ms

Remote clock offset: 0.409 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:53:48 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 5.17 Mbit/s

95th percentile per-packet one-way delay: -4.300 ms

Loss rate: 0.00%

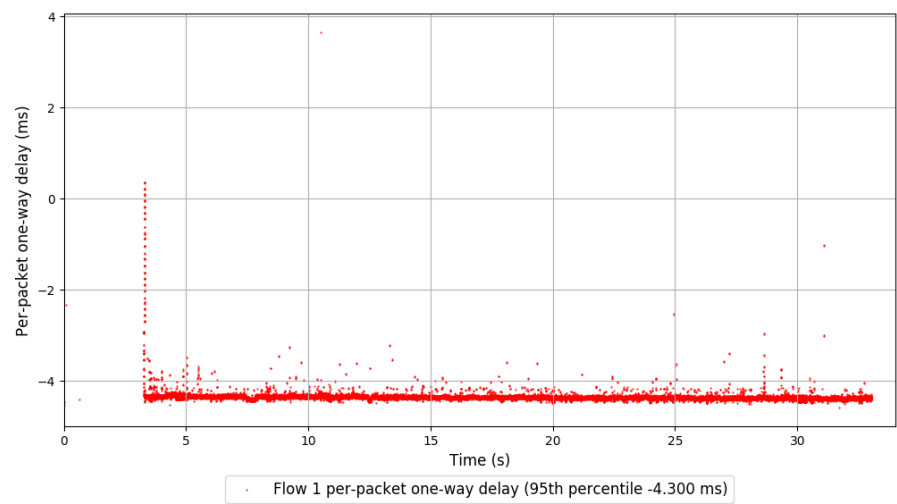
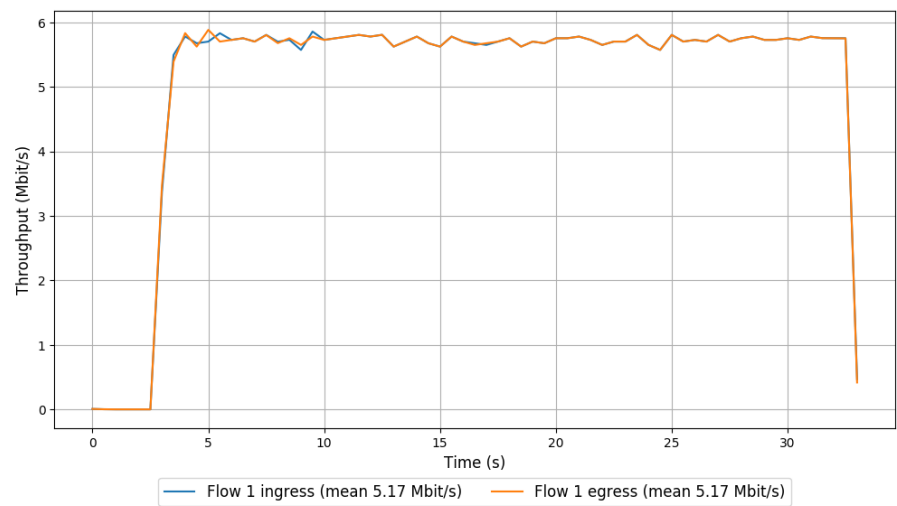
-- Flow 1:

Average throughput: 5.17 Mbit/s

95th percentile per-packet one-way delay: -4.300 ms

Loss rate: 0.00%

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



Run 3: Statistics of TaoVA-100x

Start at: Fri, 23 Jun 2017 18:10:43 +0000

End at: Fri, 23 Jun 2017 18:11:13 +0000

Local clock offset: -5.881 ms

Remote clock offset: 0.68 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:53:58 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 5.19 Mbit/s

95th percentile per-packet one-way delay: -4.217 ms

Loss rate: 0.00%

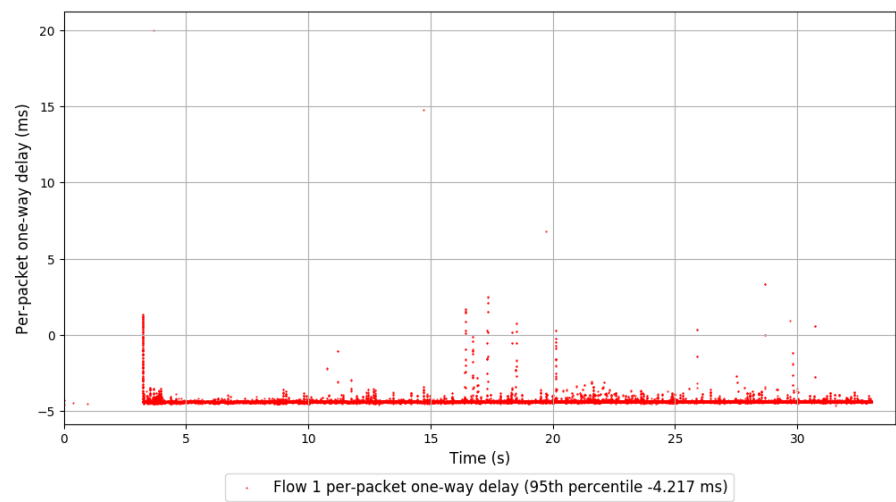
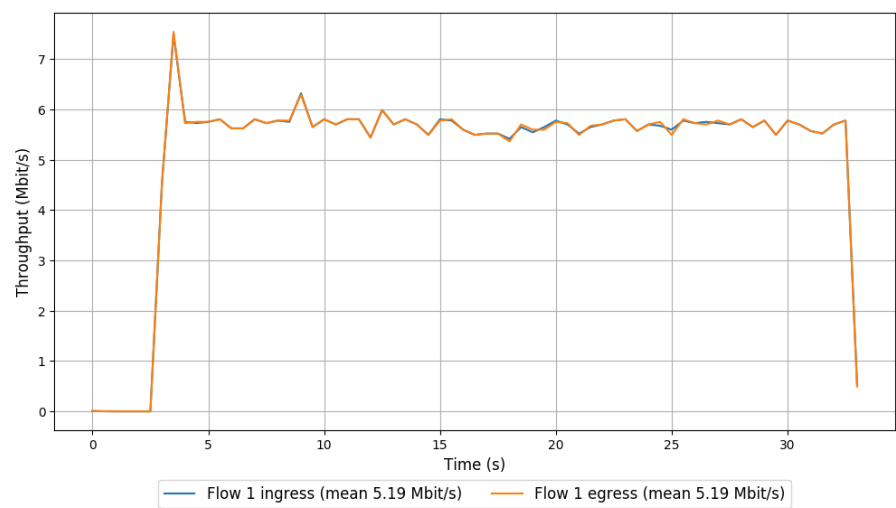
-- Flow 1:

Average throughput: 5.19 Mbit/s

95th percentile per-packet one-way delay: -4.217 ms

Loss rate: 0.00%

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



Run 4: Statistics of TaoVA-100x

Start at: Fri, 23 Jun 2017 18:28:56 +0000

End at: Fri, 23 Jun 2017 18:29:26 +0000

Local clock offset: -5.431 ms

Remote clock offset: 0.793 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:53:58 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 5.21 Mbit/s

95th percentile per-packet one-way delay: -3.851 ms

Loss rate: 0.00%

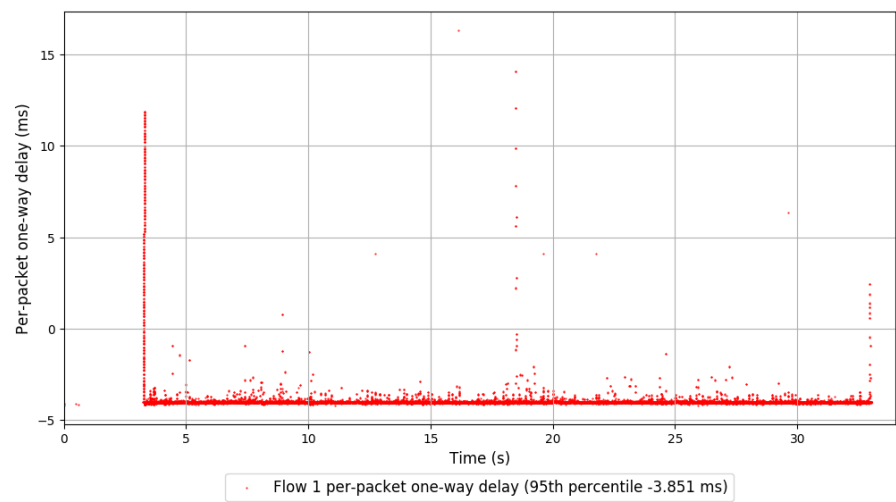
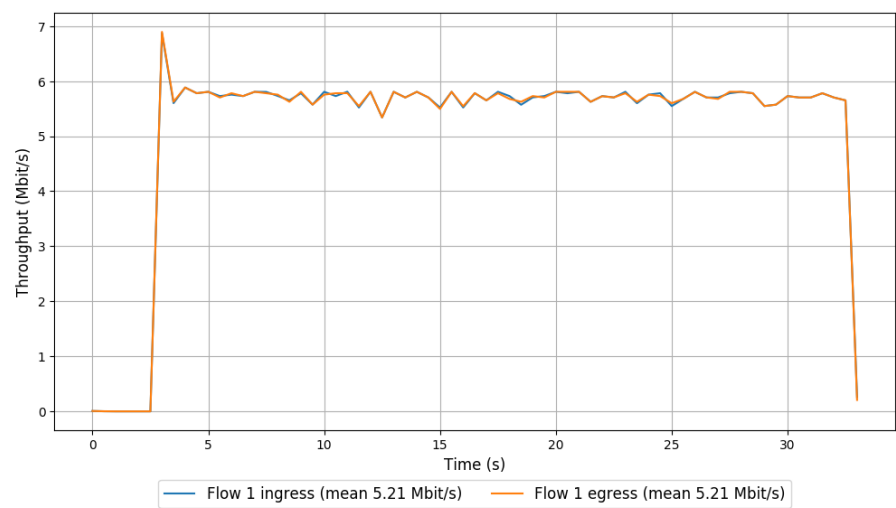
-- Flow 1:

Average throughput: 5.21 Mbit/s

95th percentile per-packet one-way delay: -3.851 ms

Loss rate: 0.00%

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



Run 5: Statistics of TaoVA-100x

Start at: Fri, 23 Jun 2017 18:47:11 +0000

End at: Fri, 23 Jun 2017 18:47:41 +0000

Local clock offset: -3.488 ms

Remote clock offset: 0.574 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:54:09 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 5.16 Mbit/s

95th percentile per-packet one-way delay: -1.735 ms

Loss rate: 0.00%

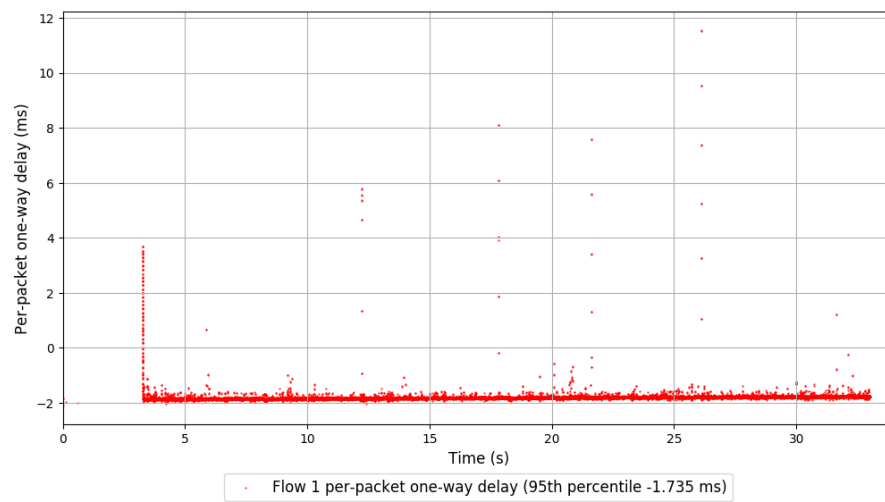
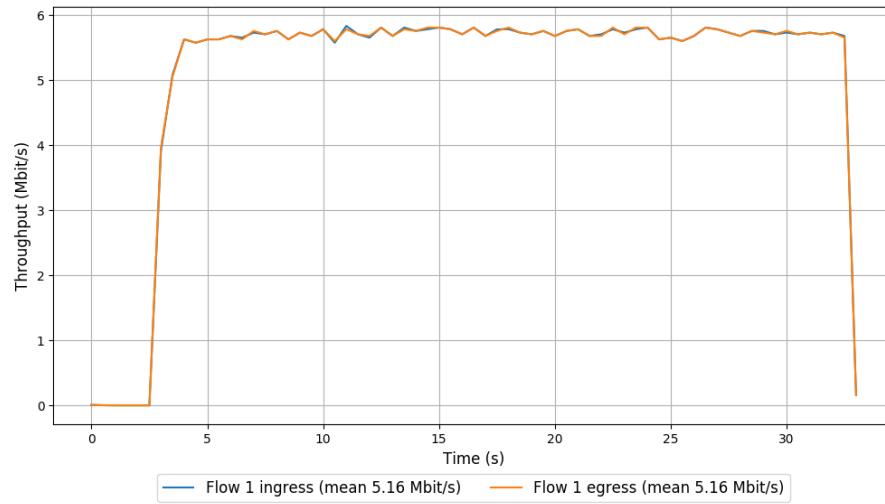
-- Flow 1:

Average throughput: 5.16 Mbit/s

95th percentile per-packet one-way delay: -1.735 ms

Loss rate: 0.00%

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



Run 6: Statistics of TaoVA-100x

Start at: Fri, 23 Jun 2017 19:05:03 +0000

End at: Fri, 23 Jun 2017 19:05:33 +0000

Local clock offset: -2.224 ms

Remote clock offset: 0.493 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:54:09 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.88 Mbit/s

95th percentile per-packet one-way delay: -0.326 ms

Loss rate: 0.00%

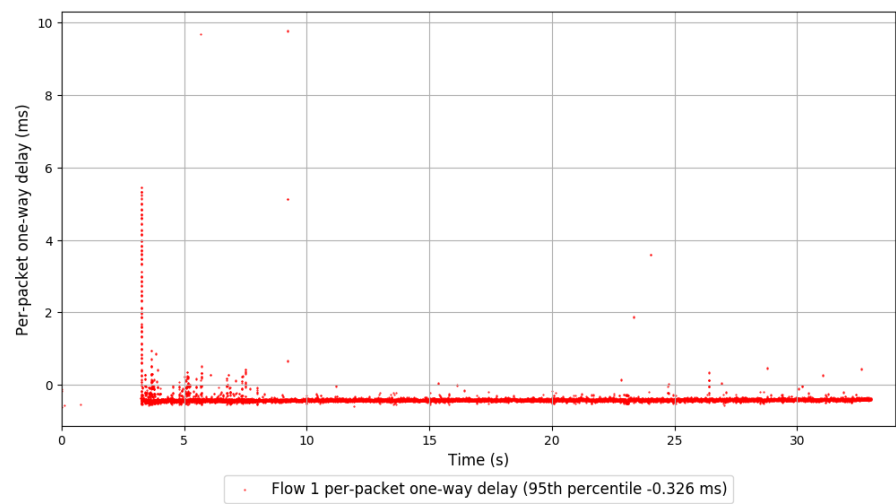
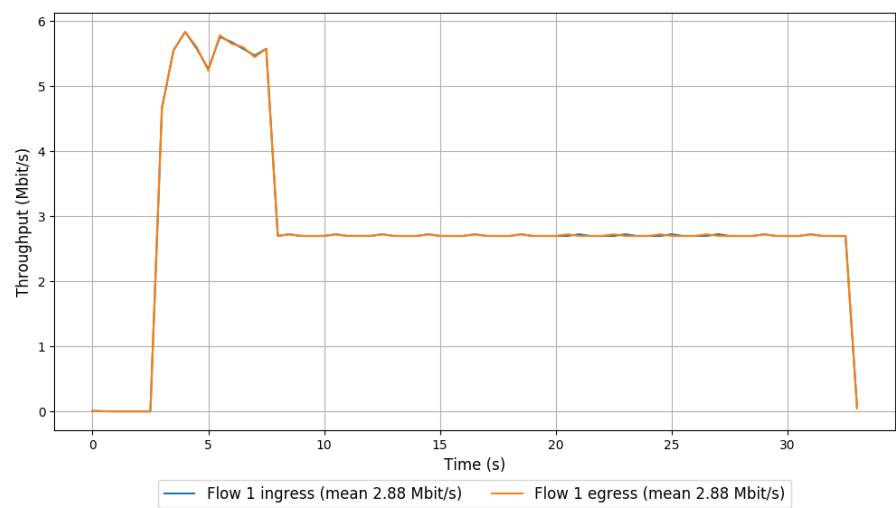
-- Flow 1:

Average throughput: 2.88 Mbit/s

95th percentile per-packet one-way delay: -0.326 ms

Loss rate: 0.00%

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



Run 7: Statistics of TaoVA-100x

Start at: Fri, 23 Jun 2017 19:23:24 +0000

End at: Fri, 23 Jun 2017 19:23:54 +0000

Local clock offset: -1.565 ms

Remote clock offset: 0.435 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:54:17 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 5.18 Mbit/s

95th percentile per-packet one-way delay: 0.258 ms

Loss rate: 0.00%

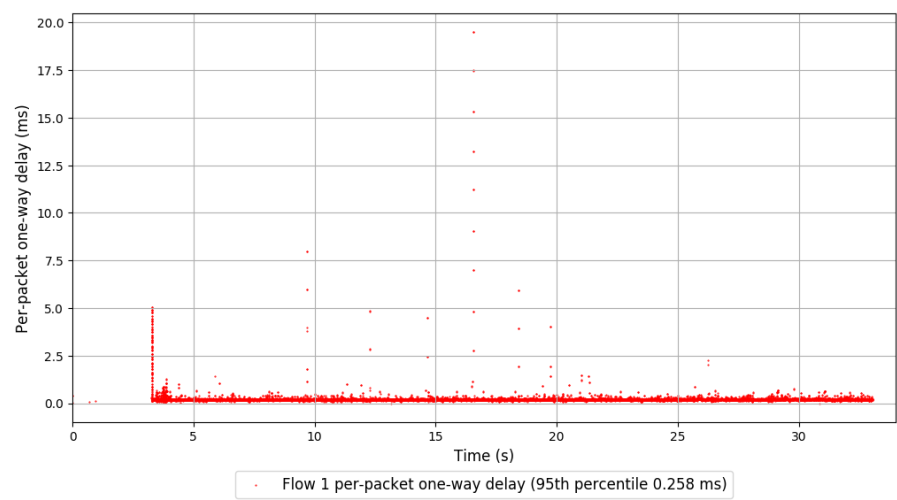
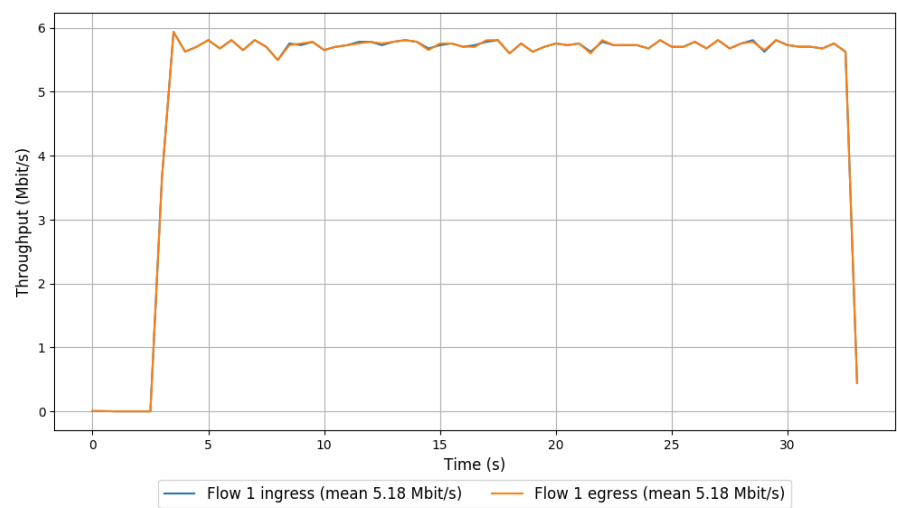
-- Flow 1:

Average throughput: 5.18 Mbit/s

95th percentile per-packet one-way delay: 0.258 ms

Loss rate: 0.00%

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



Run 8: Statistics of TaoVA-100x

Start at: Fri, 23 Jun 2017 19:41:40 +0000

End at: Fri, 23 Jun 2017 19:42:10 +0000

Local clock offset: -1.258 ms

Remote clock offset: 0.314 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:54:17 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.55 Mbit/s

95th percentile per-packet one-way delay: 0.687 ms

Loss rate: 0.00%

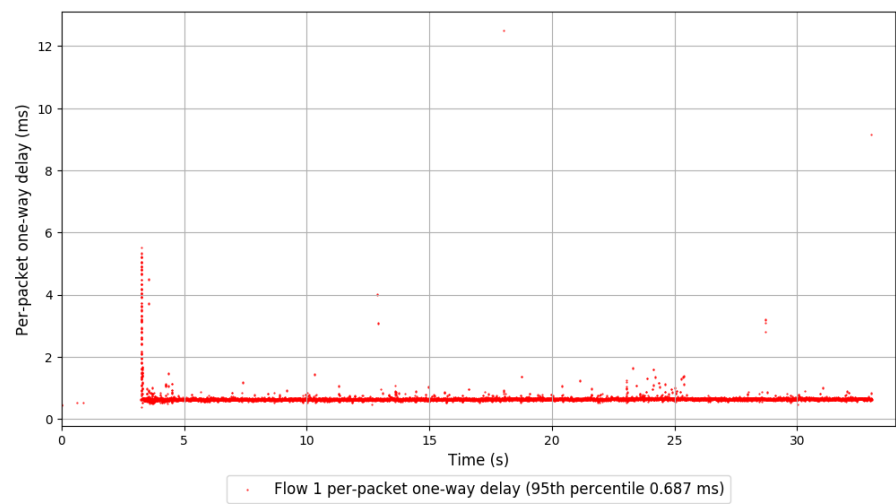
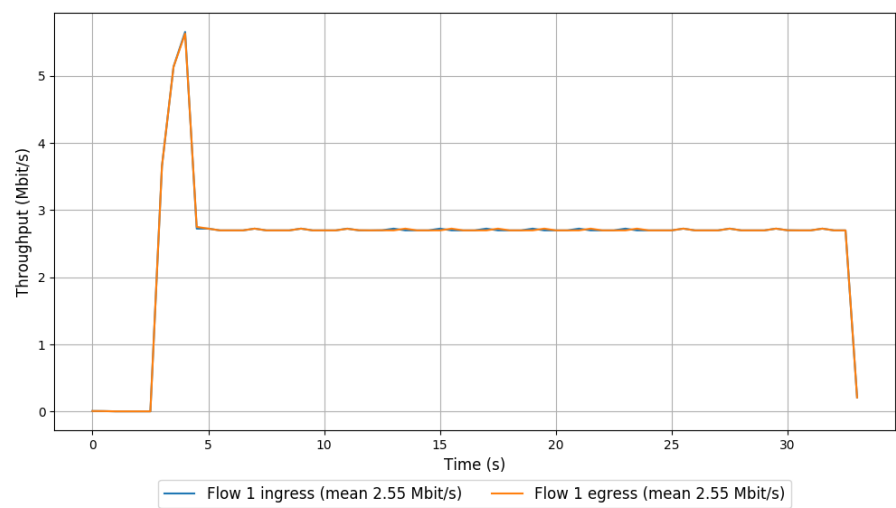
-- Flow 1:

Average throughput: 2.55 Mbit/s

95th percentile per-packet one-way delay: 0.687 ms

Loss rate: 0.00%

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



Run 9: Statistics of TaoVA-100x

Start at: Fri, 23 Jun 2017 20:00:06 +0000

End at: Fri, 23 Jun 2017 20:00:36 +0000

Local clock offset: -4.621 ms

Remote clock offset: 0.226 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:54:27 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 5.18 Mbit/s

95th percentile per-packet one-way delay: -2.624 ms

Loss rate: 0.00%

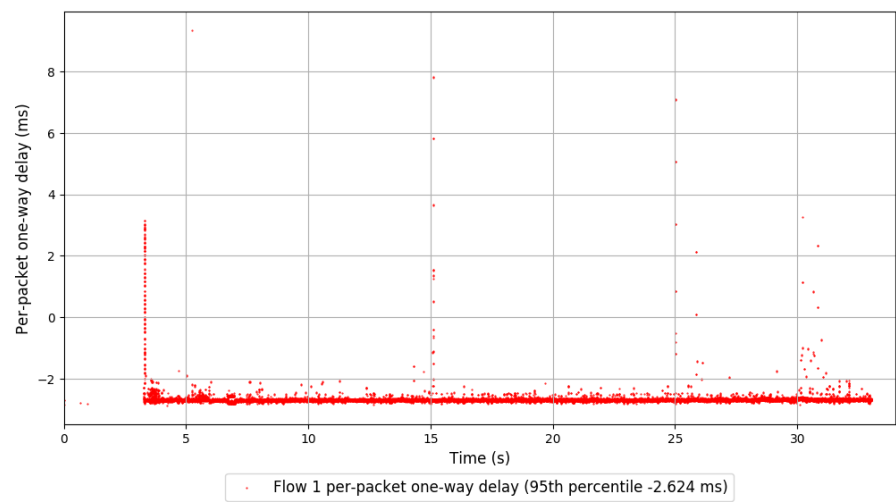
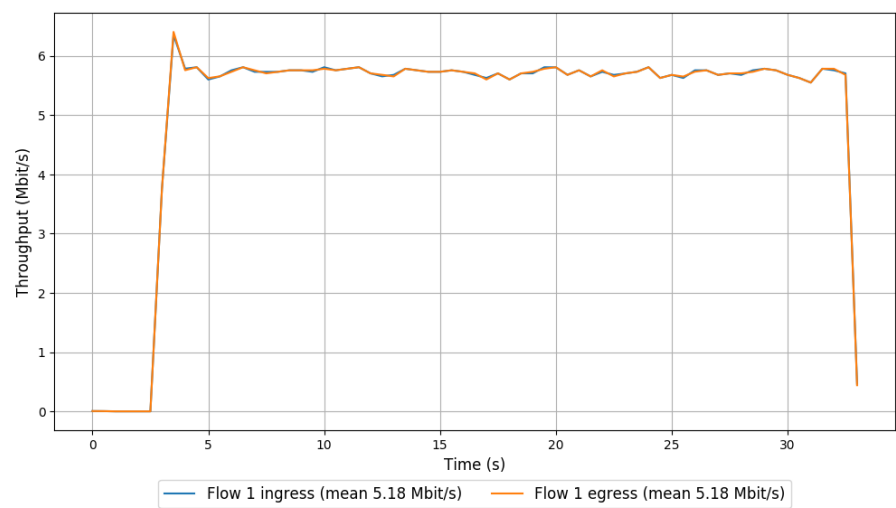
-- Flow 1:

Average throughput: 5.18 Mbit/s

95th percentile per-packet one-way delay: -2.624 ms

Loss rate: 0.00%

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



Run 10: Statistics of TaoVA-100x

Start at: Fri, 23 Jun 2017 20:18:23 +0000

End at: Fri, 23 Jun 2017 20:18:53 +0000

Local clock offset: -4.283 ms

Remote clock offset: 0.075 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:54:28 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 5.16 Mbit/s

95th percentile per-packet one-way delay: -1.994 ms

Loss rate: 0.00%

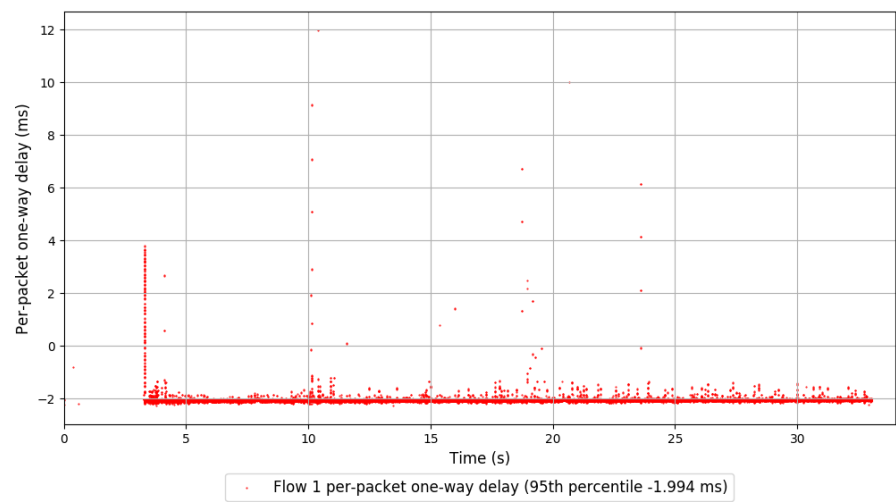
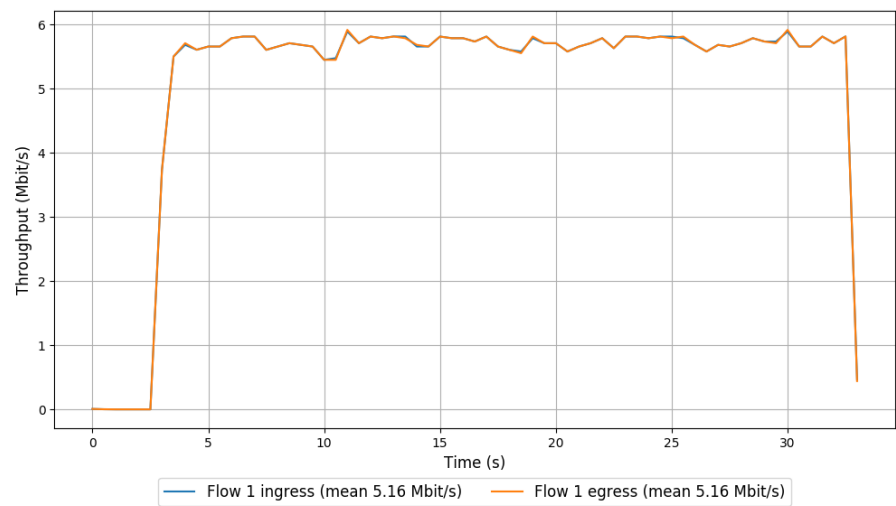
-- Flow 1:

Average throughput: 5.16 Mbit/s

95th percentile per-packet one-way delay: -1.994 ms

Loss rate: 0.00%

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



Run 1: Statistics of TCP Vegas

Start at: Fri, 23 Jun 2017 17:26:11 +0000

End at: Fri, 23 Jun 2017 17:26:41 +0000

Local clock offset: -2.048 ms

Remote clock offset: 0.028 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:55:06 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 69.16 Mbit/s

95th percentile per-packet one-way delay: 2.189 ms

Loss rate: 0.01%

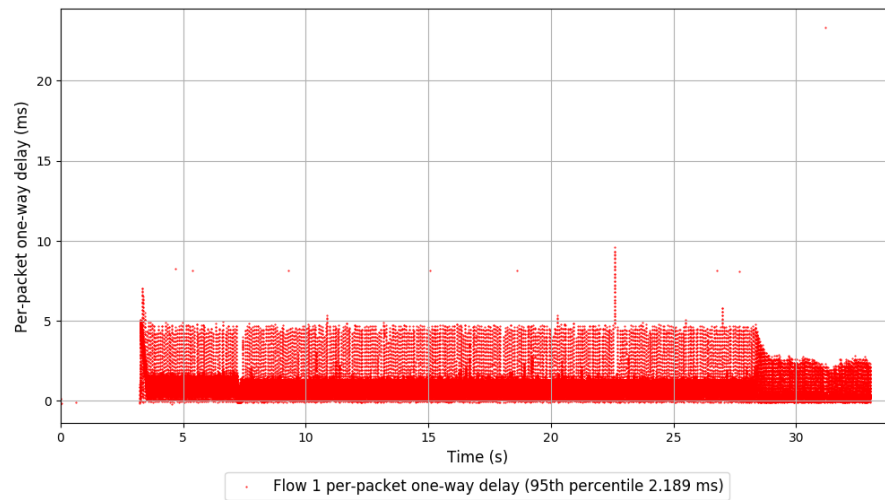
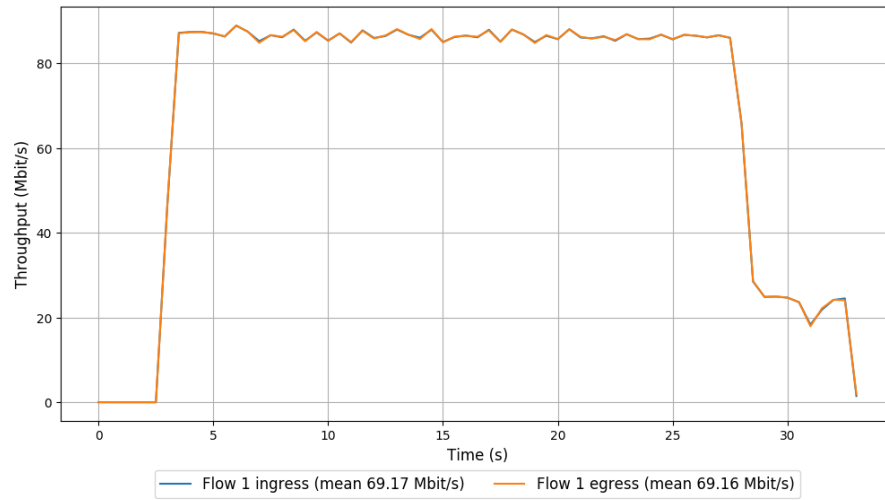
-- Flow 1:

Average throughput: 69.16 Mbit/s

95th percentile per-packet one-way delay: 2.189 ms

Loss rate: 0.01%

### Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: Fri, 23 Jun 2017 17:44:20 +0000

End at: Fri, 23 Jun 2017 17:44:50 +0000

Local clock offset: -5.104 ms

Remote clock offset: 0.291 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:55:06 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 29.67 Mbit/s

95th percentile per-packet one-way delay: 16.198 ms

Loss rate: 0.41%

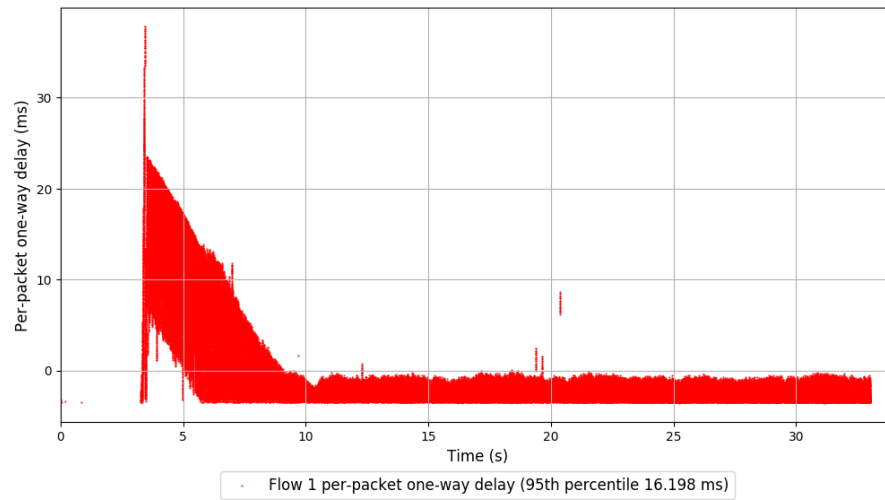
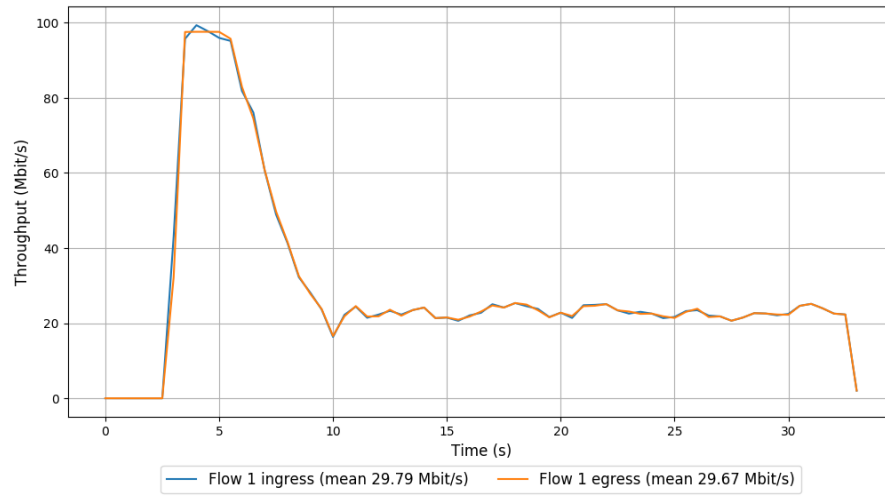
-- Flow 1:

Average throughput: 29.67 Mbit/s

95th percentile per-packet one-way delay: 16.198 ms

Loss rate: 0.41%

## Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: Fri, 23 Jun 2017 18:03:01 +0000

End at: Fri, 23 Jun 2017 18:03:31 +0000

Local clock offset: -6.322 ms

Remote clock offset: 0.507 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:55:32 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 71.63 Mbit/s

95th percentile per-packet one-way delay: -1.619 ms

Loss rate: 0.00%

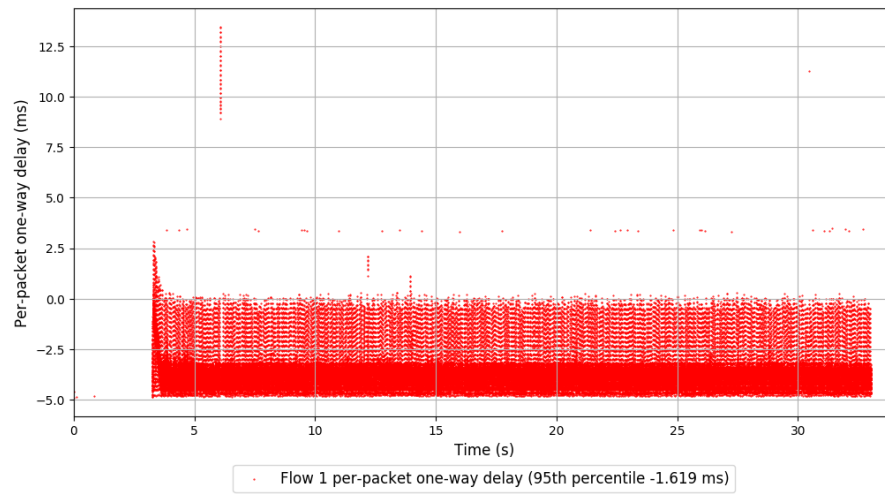
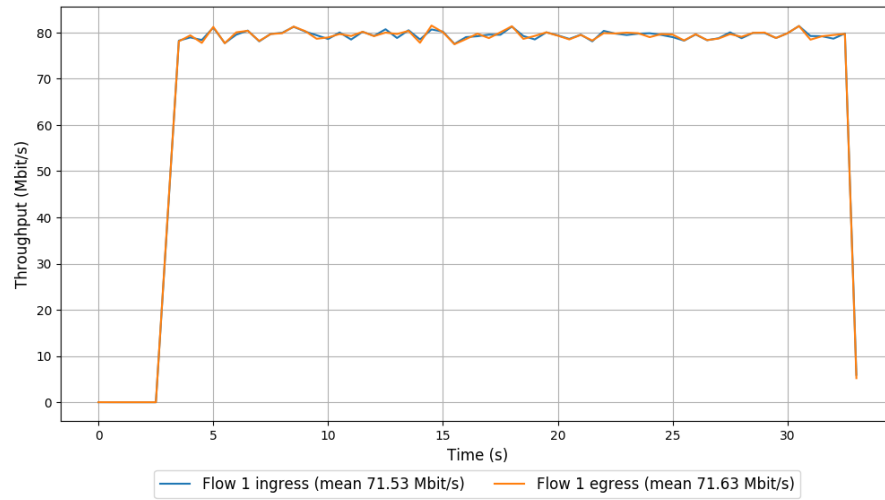
-- Flow 1:

Average throughput: 71.63 Mbit/s

95th percentile per-packet one-way delay: -1.619 ms

Loss rate: 0.00%

### Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: Fri, 23 Jun 2017 18:21:25 +0000

End at: Fri, 23 Jun 2017 18:21:55 +0000

Local clock offset: -5.625 ms

Remote clock offset: 0.801 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:55:39 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 58.86 Mbit/s

95th percentile per-packet one-way delay: -1.158 ms

Loss rate: 0.00%

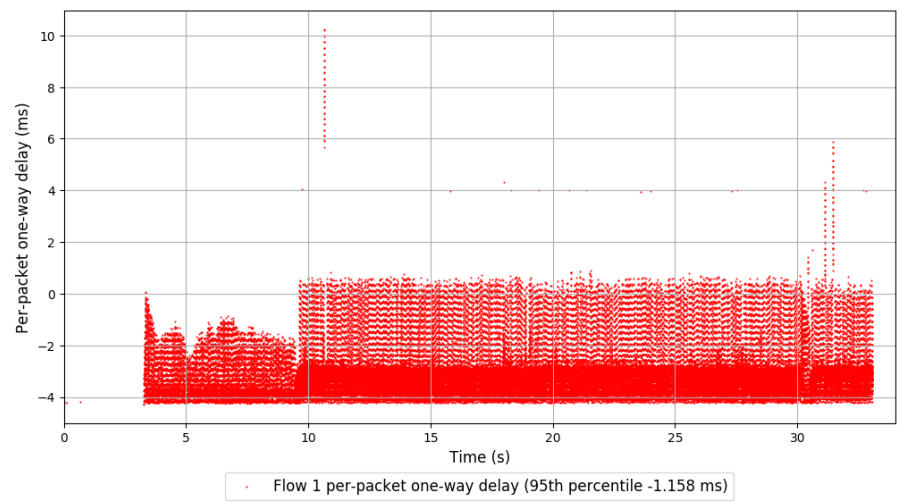
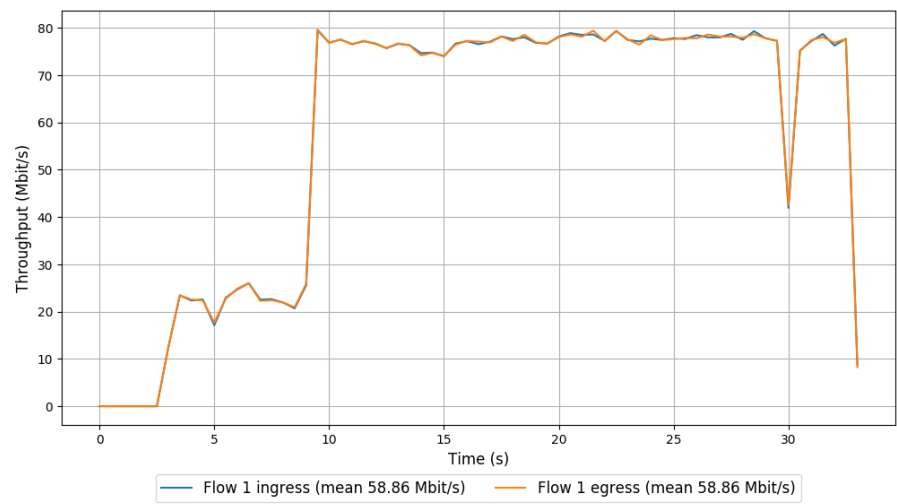
-- Flow 1:

Average throughput: 58.86 Mbit/s

95th percentile per-packet one-way delay: -1.158 ms

Loss rate: 0.00%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: Fri, 23 Jun 2017 18:39:38 +0000

End at: Fri, 23 Jun 2017 18:40:09 +0000

Local clock offset: -5.378 ms

Remote clock offset: 0.736 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:55:57 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 41.06 Mbit/s

95th percentile per-packet one-way delay: 0.548 ms

Loss rate: 0.00%

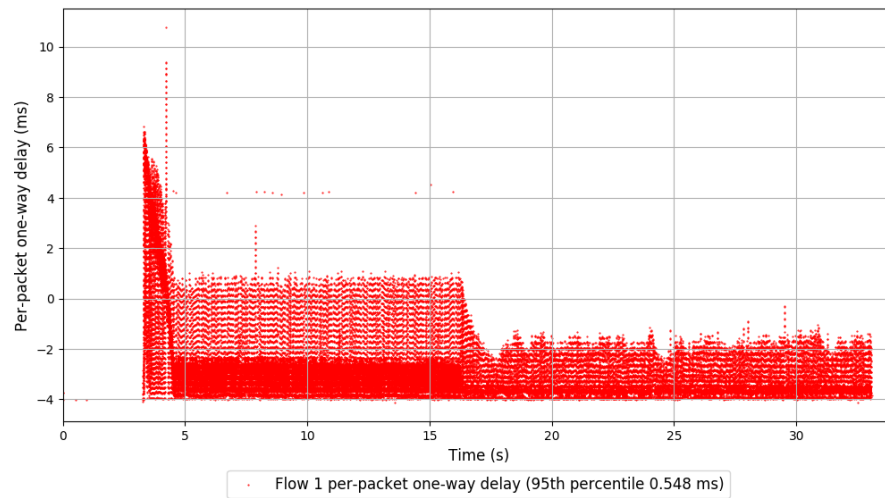
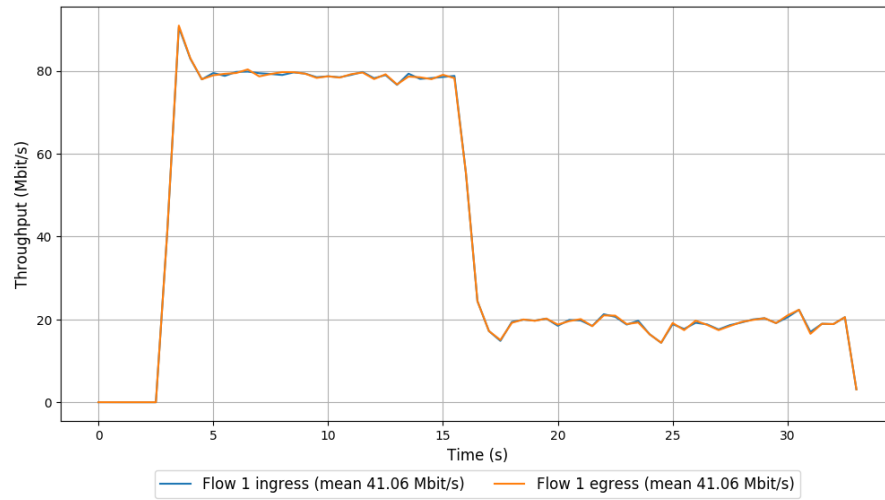
-- Flow 1:

Average throughput: 41.06 Mbit/s

95th percentile per-packet one-way delay: 0.548 ms

Loss rate: 0.00%

### Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: Fri, 23 Jun 2017 18:57:33 +0000

End at: Fri, 23 Jun 2017 18:58:03 +0000

Local clock offset: -2.555 ms

Remote clock offset: 0.521 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:56:04 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 44.76 Mbit/s

95th percentile per-packet one-way delay: 1.772 ms

Loss rate: 0.00%

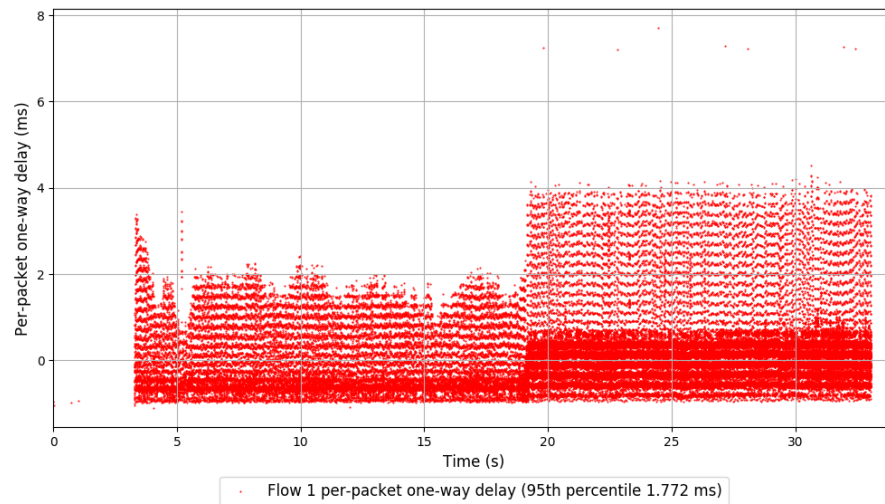
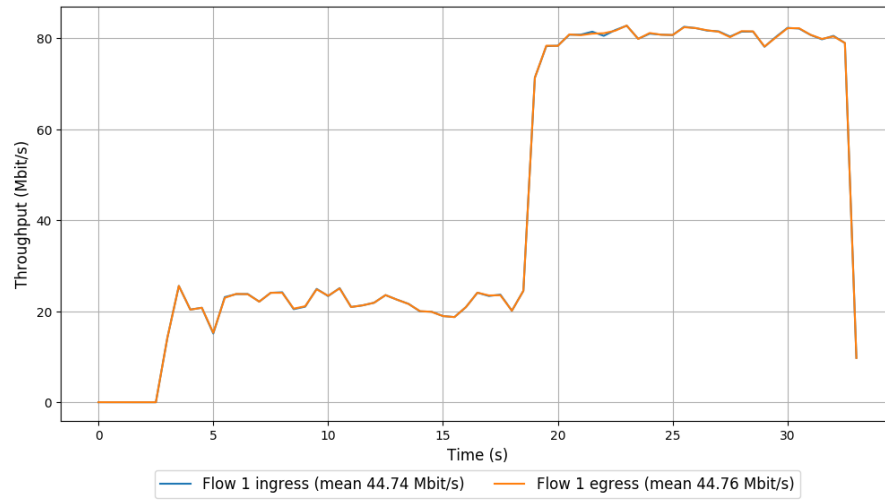
-- Flow 1:

Average throughput: 44.76 Mbit/s

95th percentile per-packet one-way delay: 1.772 ms

Loss rate: 0.00%

## Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: Fri, 23 Jun 2017 19:15:44 +0000

End at: Fri, 23 Jun 2017 19:16:14 +0000

Local clock offset: -1.724 ms

Remote clock offset: 0.475 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:56:34 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 69.94 Mbit/s

95th percentile per-packet one-way delay: 4.329 ms

Loss rate: 0.00%

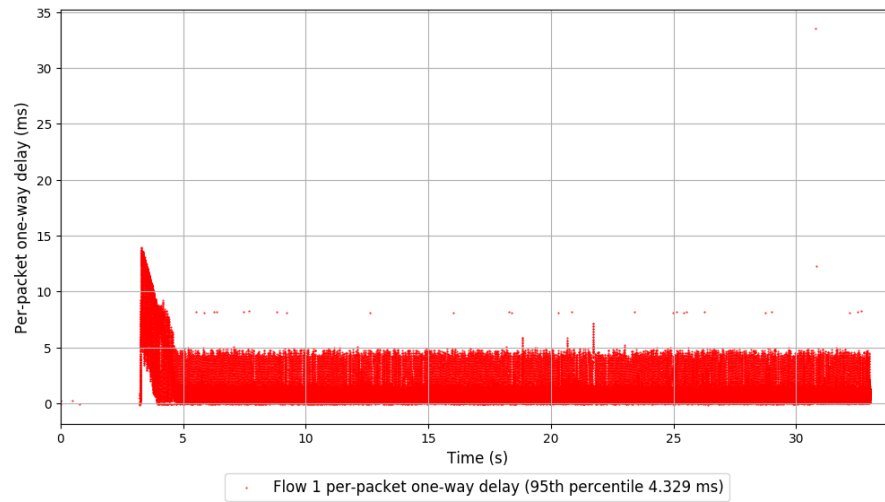
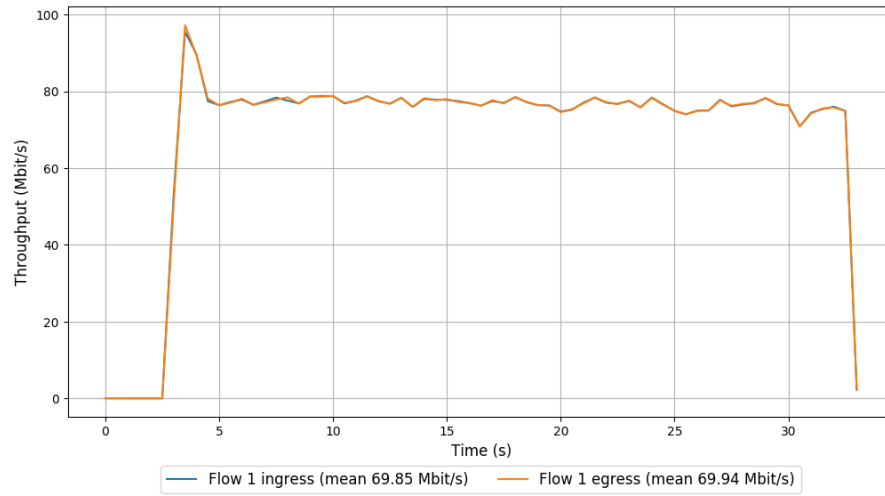
-- Flow 1:

Average throughput: 69.94 Mbit/s

95th percentile per-packet one-way delay: 4.329 ms

Loss rate: 0.00%

### Run 7: Report of TCP Vegas — Data Link



Run 8: Statistics of TCP Vegas

Start at: Fri, 23 Jun 2017 19:34:06 +0000

End at: Fri, 23 Jun 2017 19:34:36 +0000

Local clock offset: -1.44 ms

Remote clock offset: 0.309 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:56:34 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 52.18 Mbit/s

95th percentile per-packet one-way delay: 3.309 ms

Loss rate: 0.01%

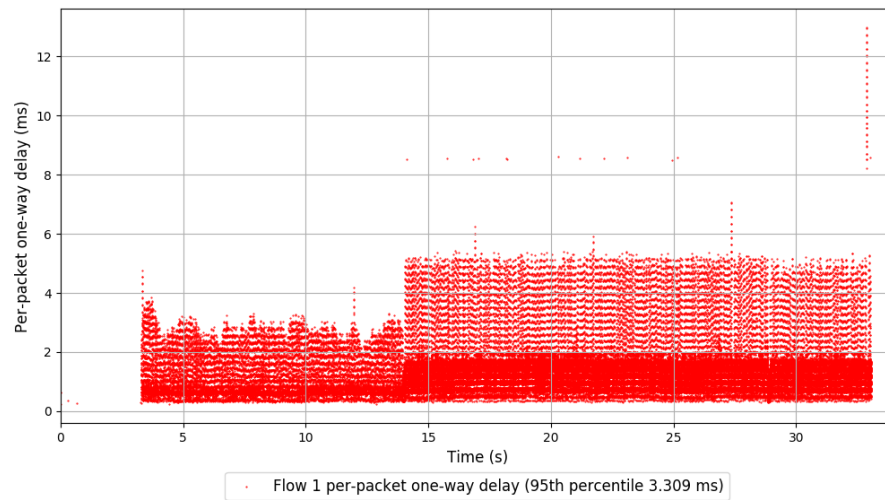
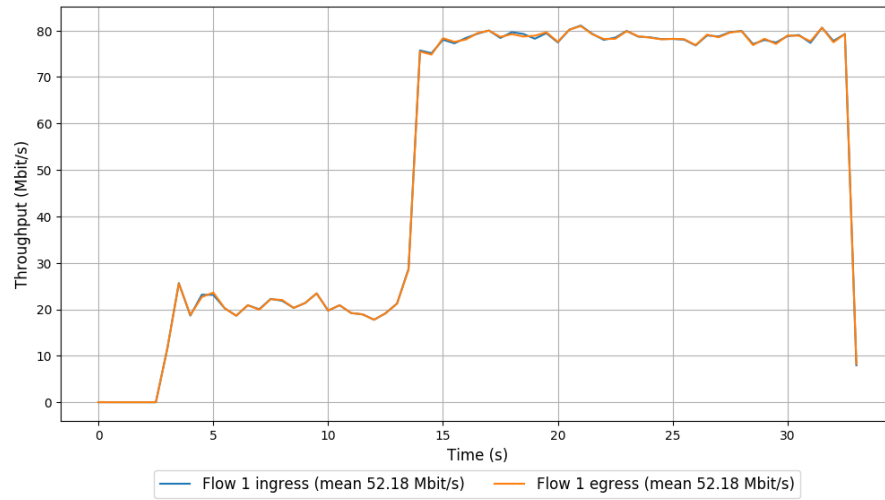
-- Flow 1:

Average throughput: 52.18 Mbit/s

95th percentile per-packet one-way delay: 3.309 ms

Loss rate: 0.01%

### Run 8: Report of TCP Vegas — Data Link



Run 9: Statistics of TCP Vegas

Start at: Fri, 23 Jun 2017 19:52:18 +0000

End at: Fri, 23 Jun 2017 19:52:48 +0000

Local clock offset: -2.625 ms

Remote clock offset: 0.221 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:56:55 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 45.43 Mbit/s

95th percentile per-packet one-way delay: 2.064 ms

Loss rate: 0.00%

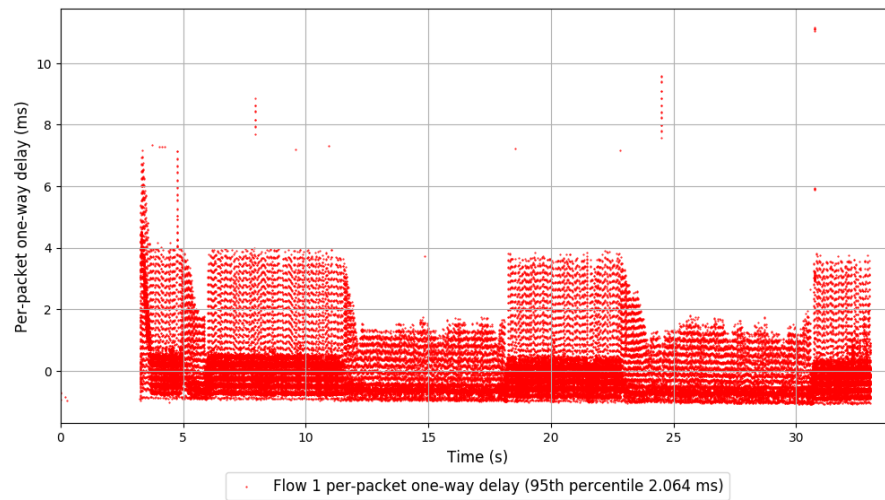
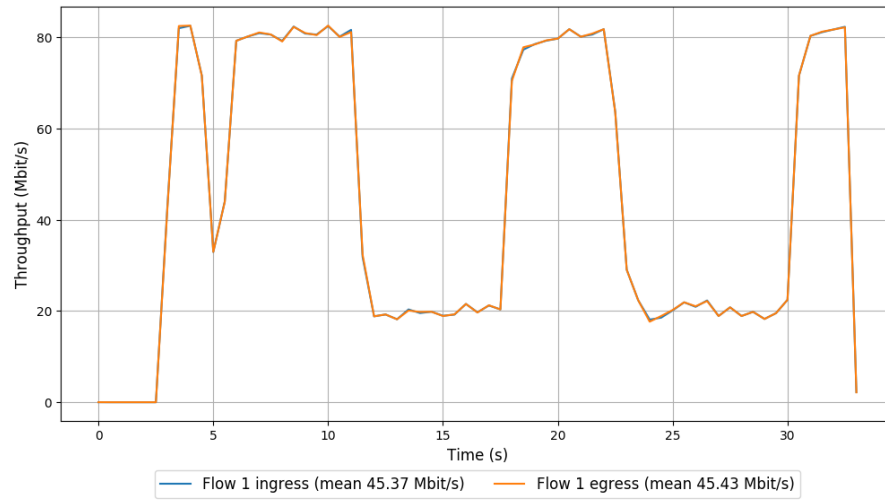
-- Flow 1:

Average throughput: 45.43 Mbit/s

95th percentile per-packet one-way delay: 2.064 ms

Loss rate: 0.00%

### Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

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

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

Local clock offset: -4.406 ms

Remote clock offset: 0.052 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:57:09 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 60.57 Mbit/s

95th percentile per-packet one-way delay: 2.153 ms

Loss rate: 0.00%

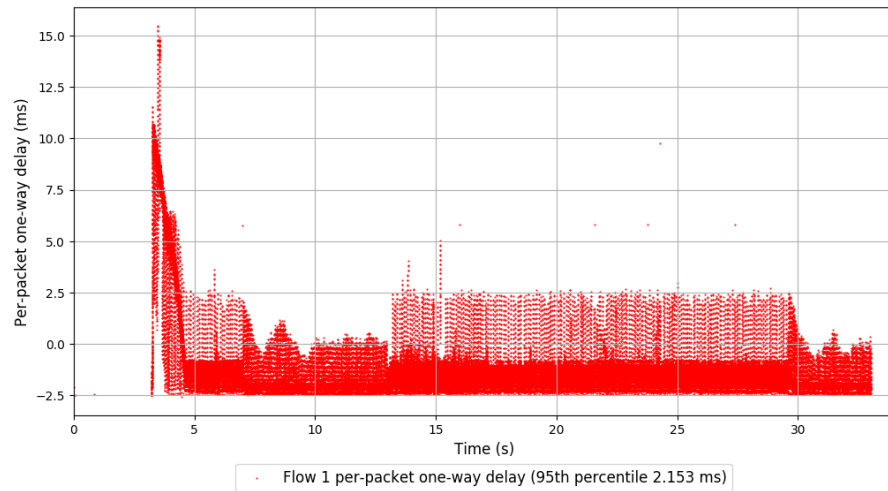
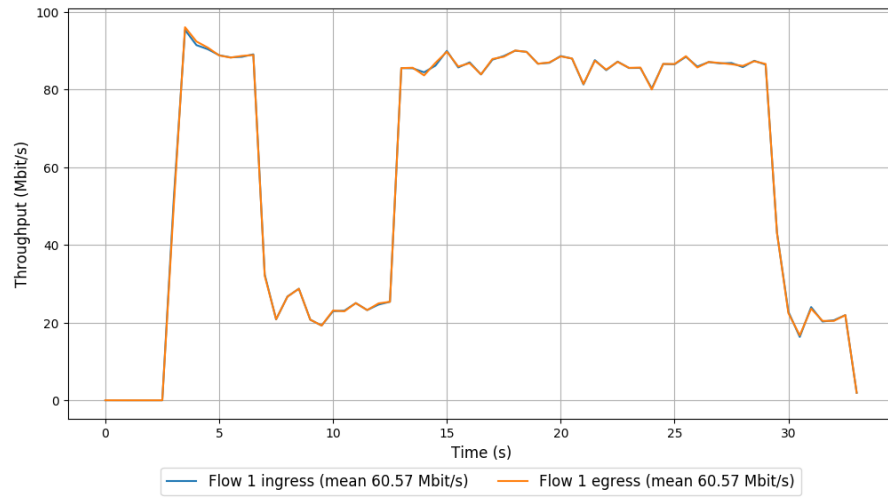
-- Flow 1:

Average throughput: 60.57 Mbit/s

95th percentile per-packet one-way delay: 2.153 ms

Loss rate: 0.00%

# Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: Fri, 23 Jun 2017 17:31:04 +0000

End at: Fri, 23 Jun 2017 17:31:34 +0000

Local clock offset: -2.215 ms

Remote clock offset: 0.102 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:57:14 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 31.60 Mbit/s

95th percentile per-packet one-way delay: 21.431 ms

Loss rate: 0.12%

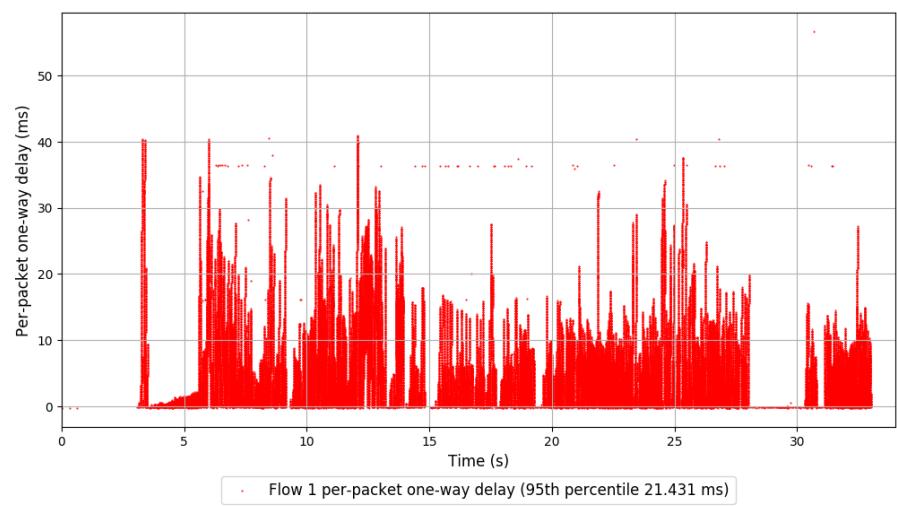
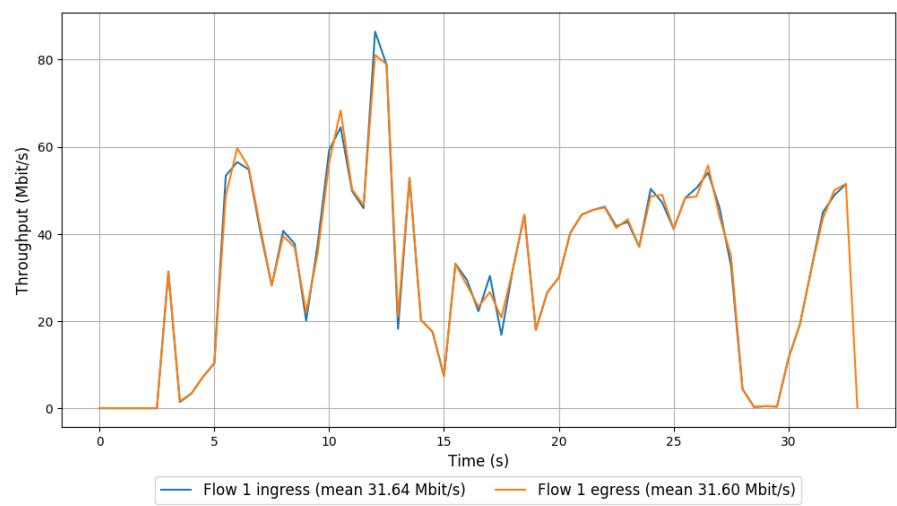
-- Flow 1:

Average throughput: 31.60 Mbit/s

95th percentile per-packet one-way delay: 21.431 ms

Loss rate: 0.12%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: Fri, 23 Jun 2017 17:49:25 +0000

End at: Fri, 23 Jun 2017 17:49:55 +0000

Local clock offset: -5.753 ms

Remote clock offset: 0.427 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:57:36 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 50.04 Mbit/s

95th percentile per-packet one-way delay: 16.155 ms

Loss rate: 0.22%

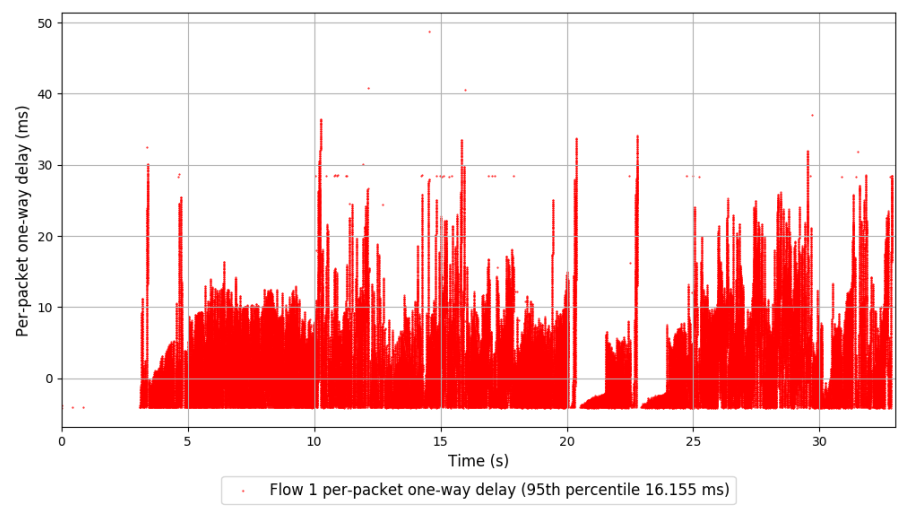
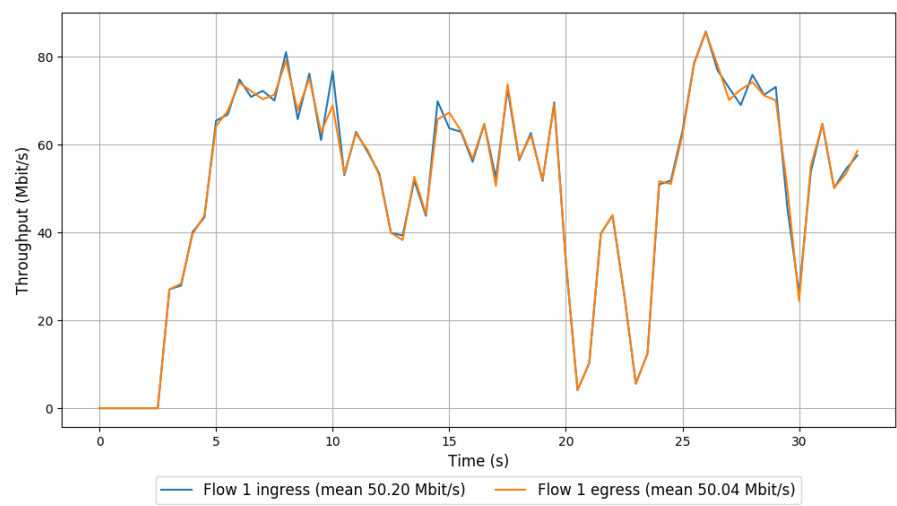
-- Flow 1:

Average throughput: 50.04 Mbit/s

95th percentile per-packet one-way delay: 16.155 ms

Loss rate: 0.22%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: Fri, 23 Jun 2017 18:08:11 +0000

End at: Fri, 23 Jun 2017 18:08:41 +0000

Local clock offset: -6.538 ms

Remote clock offset: 0.625 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:57:36 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 24.65 Mbit/s

95th percentile per-packet one-way delay: 23.907 ms

Loss rate: 6.17%

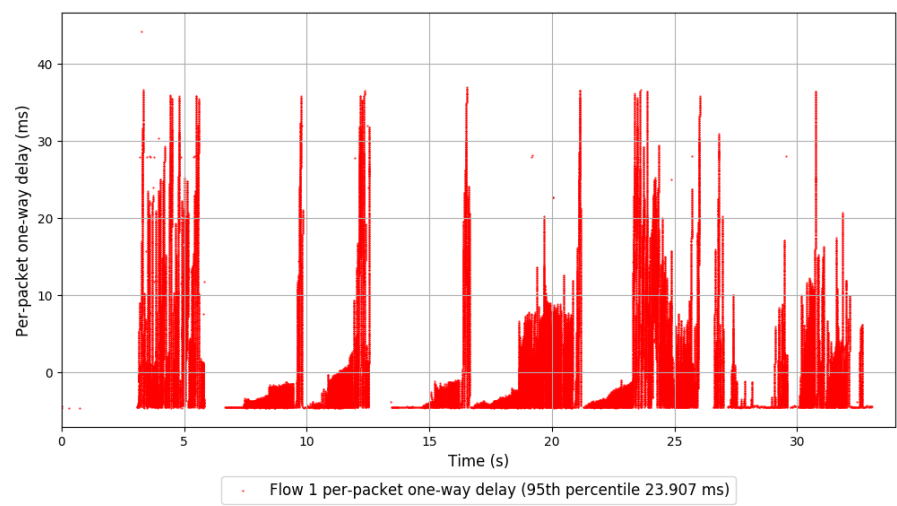
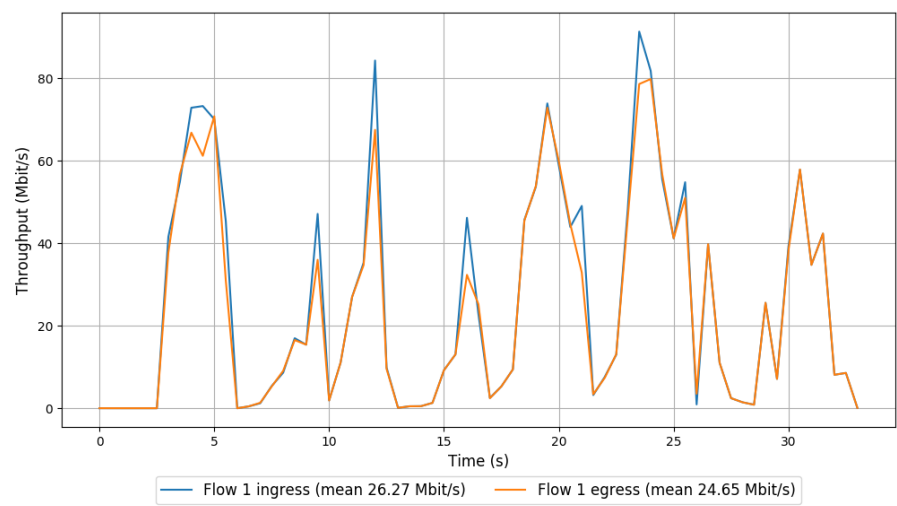
-- Flow 1:

Average throughput: 24.65 Mbit/s

95th percentile per-packet one-way delay: 23.907 ms

Loss rate: 6.17%

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: Fri, 23 Jun 2017 18:26:24 +0000

End at: Fri, 23 Jun 2017 18:26:54 +0000

Local clock offset: -5.424 ms

Remote clock offset: 0.829 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:57:50 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 27.61 Mbit/s

95th percentile per-packet one-way delay: 21.852 ms

Loss rate: 3.13%

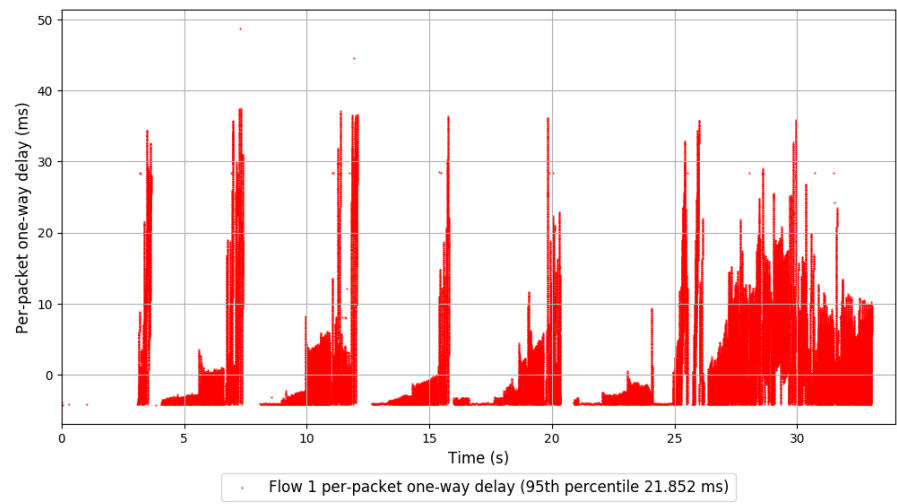
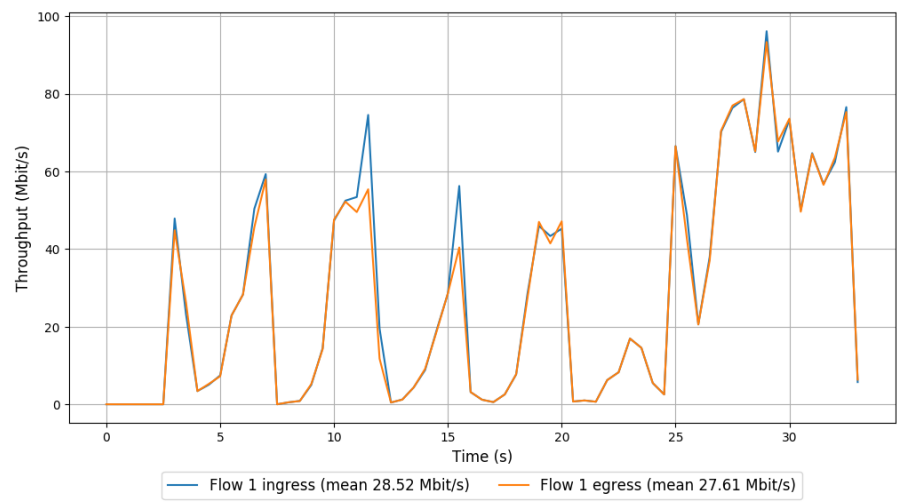
-- Flow 1:

Average throughput: 27.61 Mbit/s

95th percentile per-packet one-way delay: 21.852 ms

Loss rate: 3.13%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: Fri, 23 Jun 2017 18:44:38 +0000

End at: Fri, 23 Jun 2017 18:45:08 +0000

Local clock offset: -4.091 ms

Remote clock offset: 0.667 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:57:58 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 35.31 Mbit/s

95th percentile per-packet one-way delay: 16.456 ms

Loss rate: 0.18%

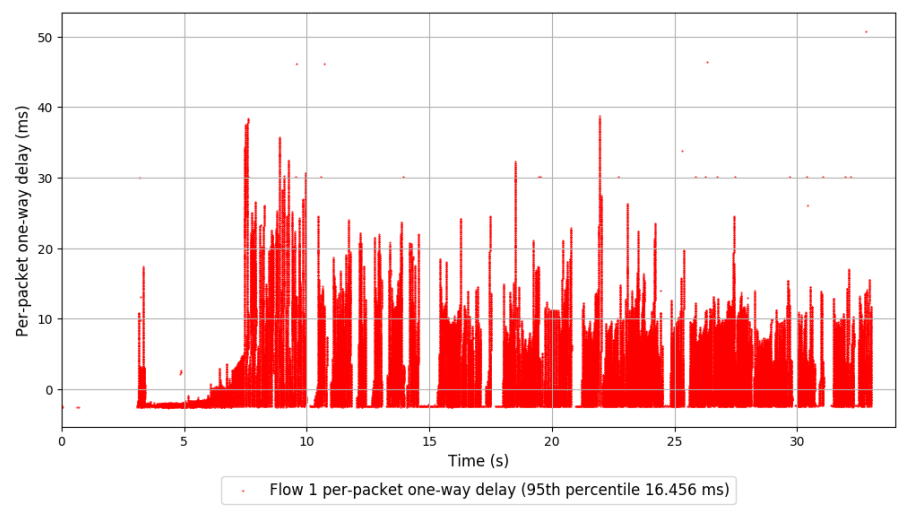
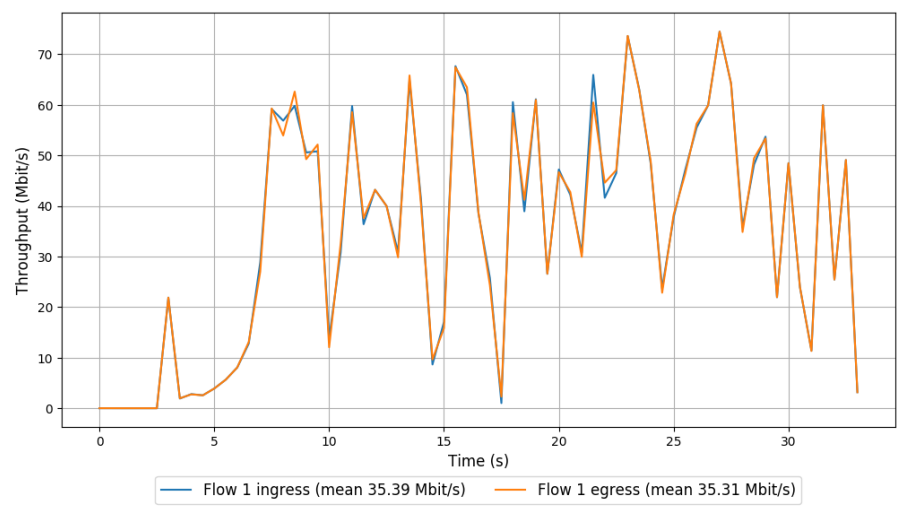
-- Flow 1:

Average throughput: 35.31 Mbit/s

95th percentile per-packet one-way delay: 16.456 ms

Loss rate: 0.18%

Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: Fri, 23 Jun 2017 19:02:27 +0000

End at: Fri, 23 Jun 2017 19:02:57 +0000

Local clock offset: -2.29 ms

Remote clock offset: 0.52 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:58:09 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 35.31 Mbit/s

95th percentile per-packet one-way delay: 19.942 ms

Loss rate: 2.48%

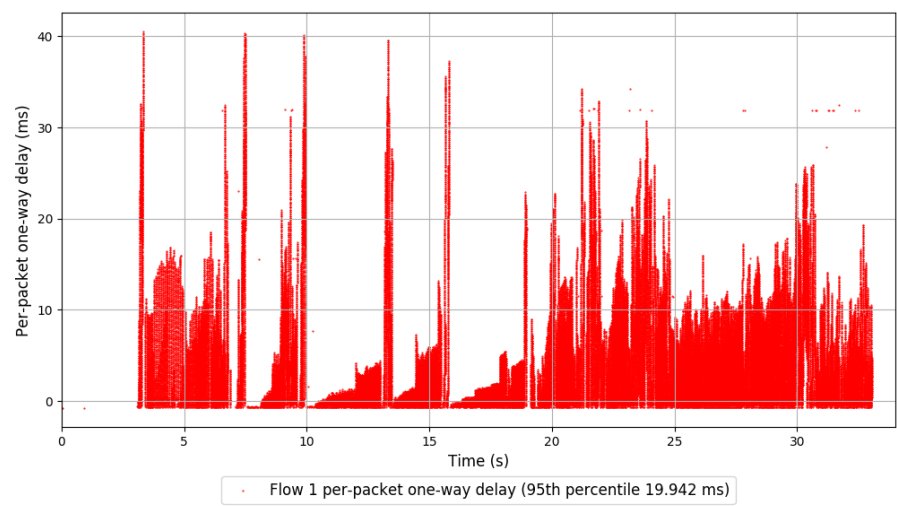
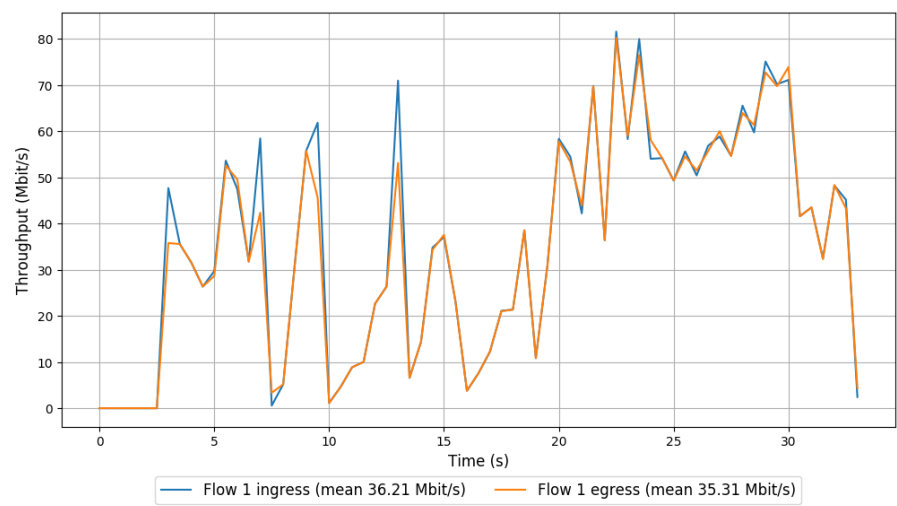
-- Flow 1:

Average throughput: 35.31 Mbit/s

95th percentile per-packet one-way delay: 19.942 ms

Loss rate: 2.48%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: Fri, 23 Jun 2017 19:20:53 +0000

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

Local clock offset: -1.599 ms

Remote clock offset: 0.426 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:58:12 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 19.81 Mbit/s

95th percentile per-packet one-way delay: 27.740 ms

Loss rate: 7.03%

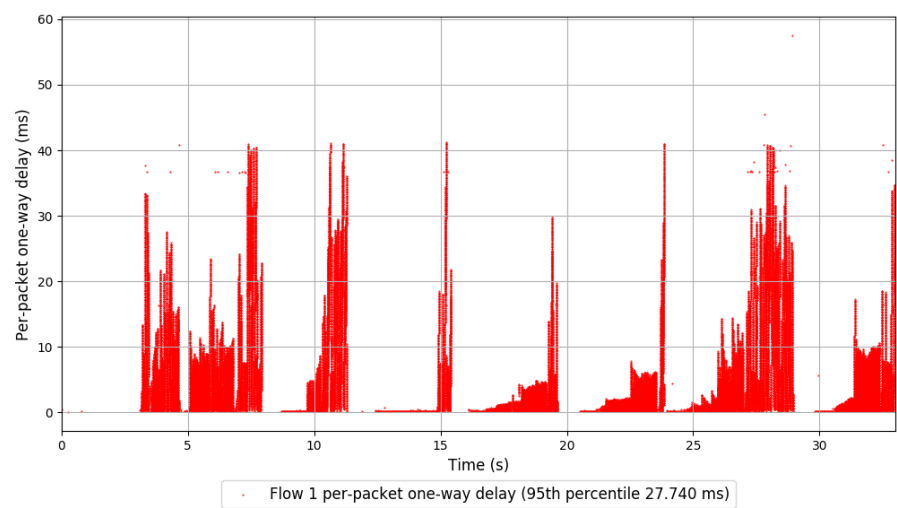
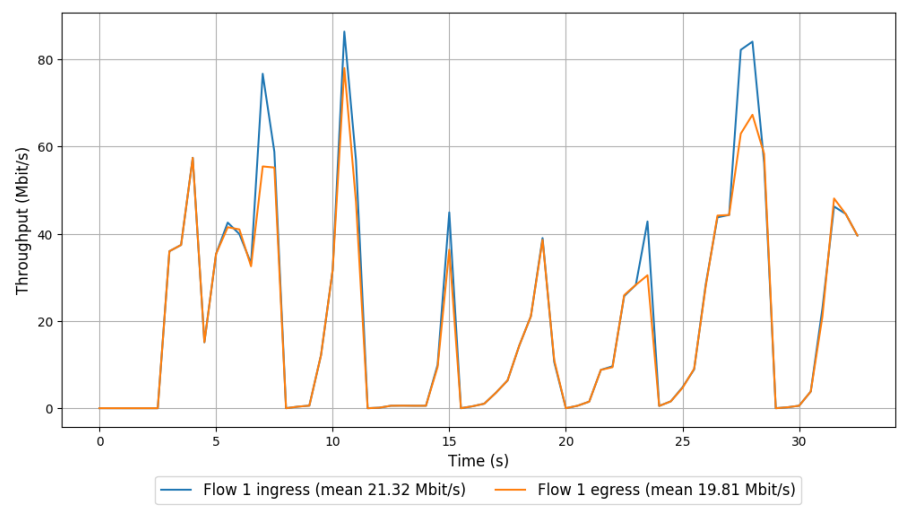
-- Flow 1:

Average throughput: 19.81 Mbit/s

95th percentile per-packet one-way delay: 27.740 ms

Loss rate: 7.03%

Run 7: Report of Verus — Data Link



Run 8: Statistics of Verus

Start at: Fri, 23 Jun 2017 19:39:03 +0000

End at: Fri, 23 Jun 2017 19:39:33 +0000

Local clock offset: -1.35 ms

Remote clock offset: 0.293 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:58:31 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 39.55 Mbit/s

95th percentile per-packet one-way delay: 20.113 ms

Loss rate: 0.28%

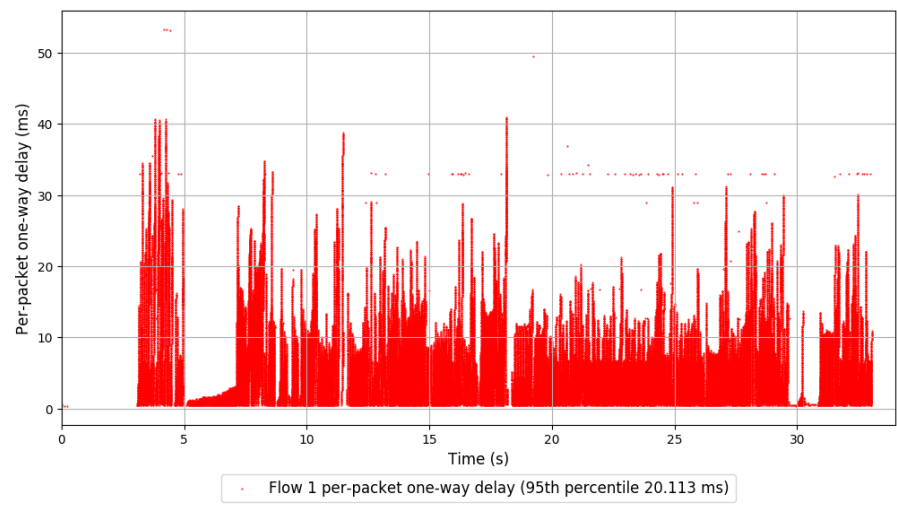
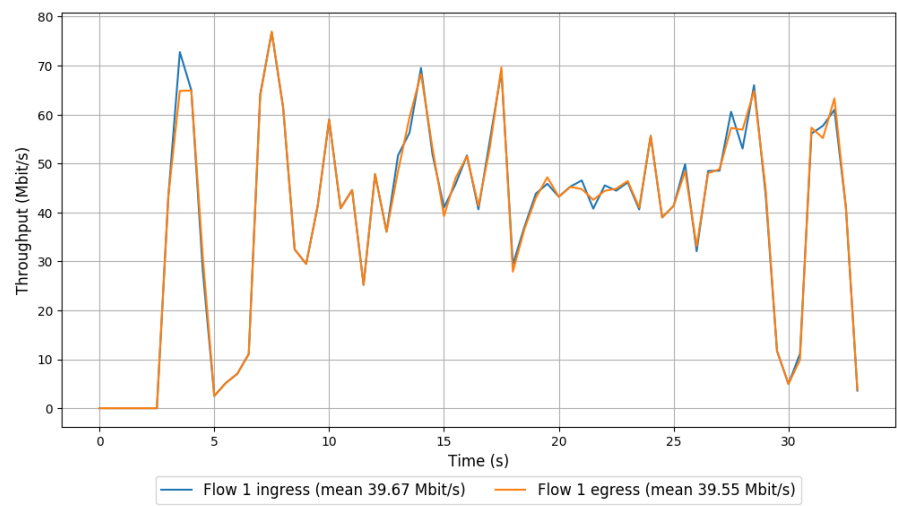
-- Flow 1:

Average throughput: 39.55 Mbit/s

95th percentile per-packet one-way delay: 20.113 ms

Loss rate: 0.28%

Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

Start at: Fri, 23 Jun 2017 19:57:19 +0000

End at: Fri, 23 Jun 2017 19:57:49 +0000

Local clock offset: -4.096 ms

Remote clock offset: 0.196 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:58:37 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 43.06 Mbit/s

95th percentile per-packet one-way delay: 15.838 ms

Loss rate: 0.91%

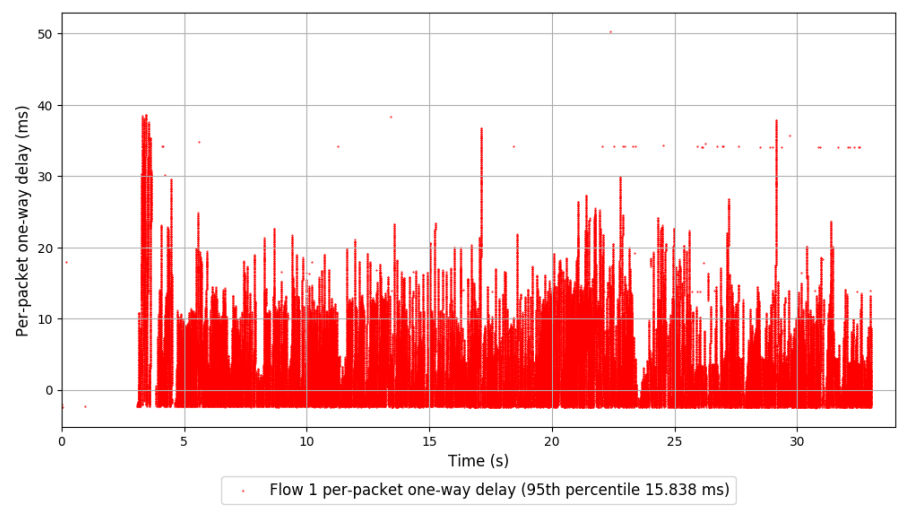
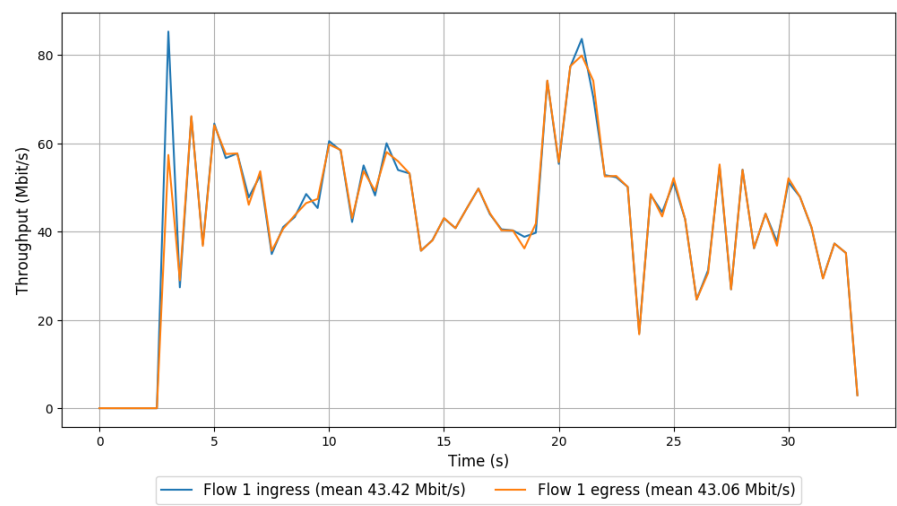
-- Flow 1:

Average throughput: 43.06 Mbit/s

95th percentile per-packet one-way delay: 15.838 ms

Loss rate: 0.91%

Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

Start at: Fri, 23 Jun 2017 20:15:50 +0000

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

Local clock offset: -4.273 ms

Remote clock offset: 0.069 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:58:46 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 19.27 Mbit/s

95th percentile per-packet one-way delay: 16.909 ms

Loss rate: 1.59%

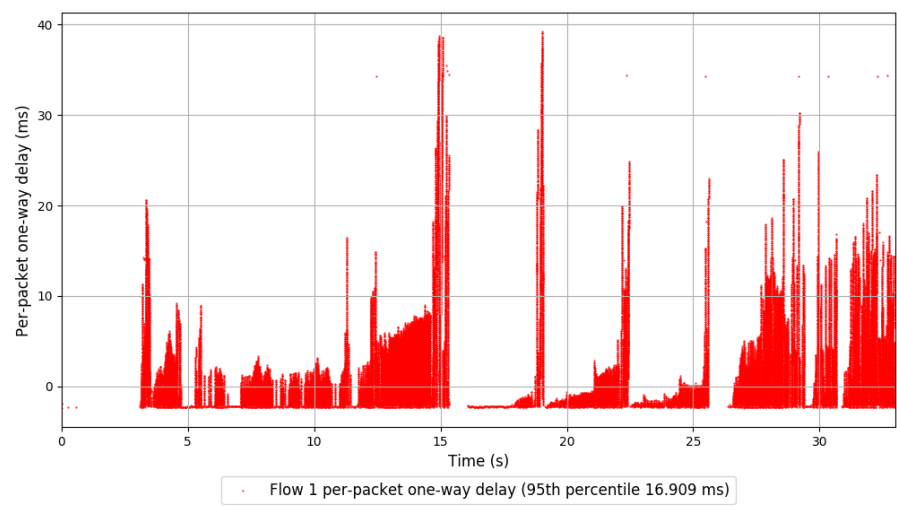
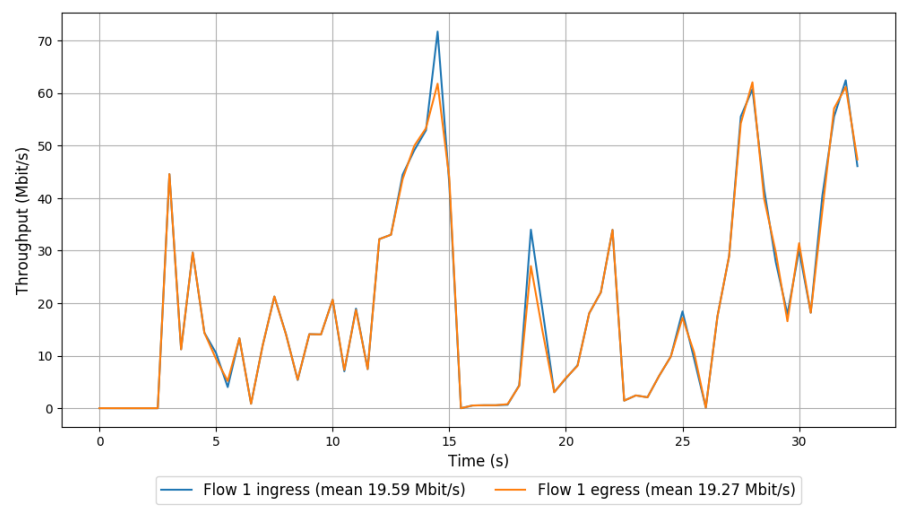
-- Flow 1:

Average throughput: 19.27 Mbit/s

95th percentile per-packet one-way delay: 16.909 ms

Loss rate: 1.59%

Run 10: Report of Verus — Data Link



Run 1: Statistics of WebRTC media

Start at: Fri, 23 Jun 2017 17:28:55 +0000

End at: Fri, 23 Jun 2017 17:29:25 +0000

Local clock offset: -2.081 ms

Remote clock offset: 0.081 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:58:46 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 2.081 ms

Loss rate: 0.00%

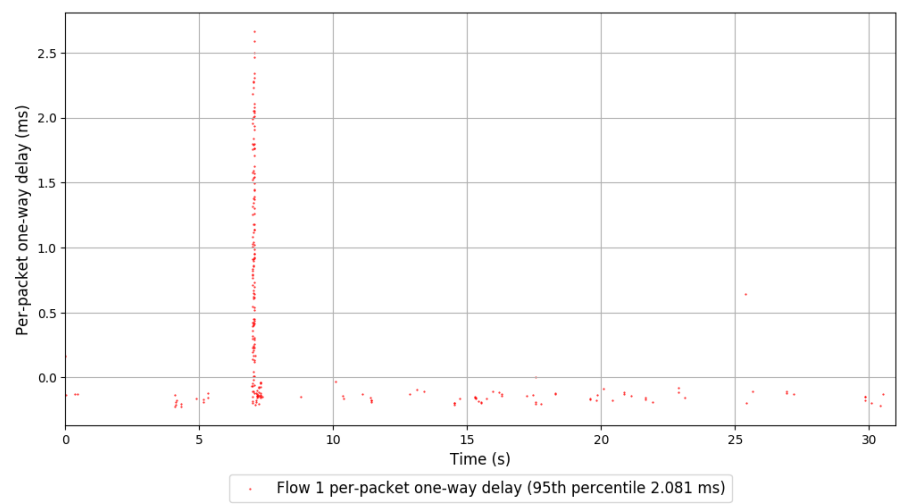
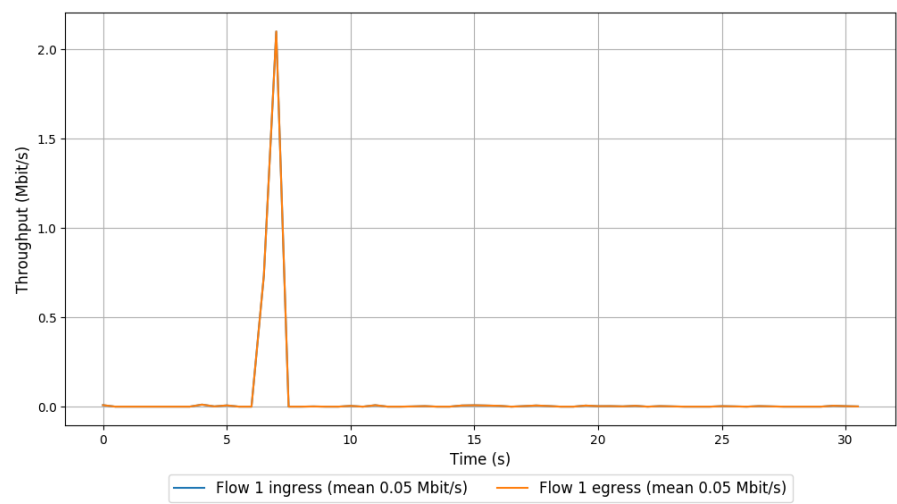
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 2.081 ms

Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: Fri, 23 Jun 2017 17:46:54 +0000

End at: Fri, 23 Jun 2017 17:47:24 +0000

Local clock offset: -5.407 ms

Remote clock offset: 0.426 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:58:46 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.04 Mbit/s

95th percentile per-packet one-way delay: -1.537 ms

Loss rate: 0.00%

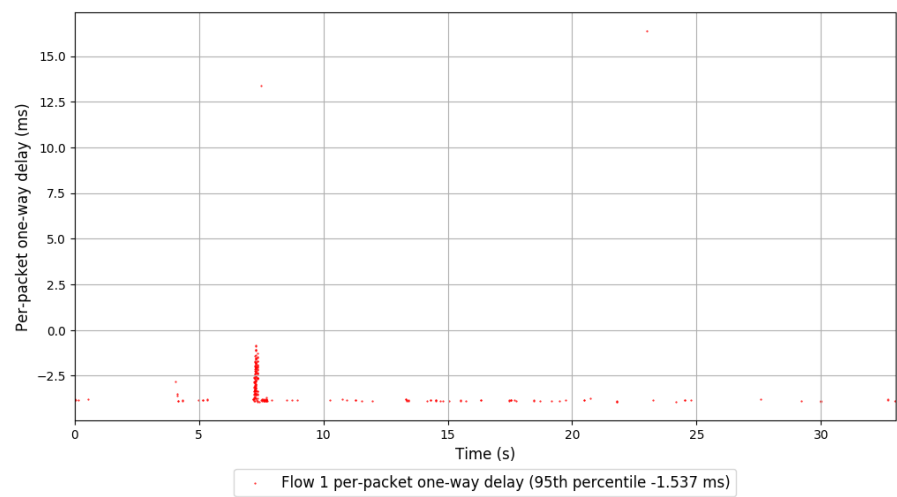
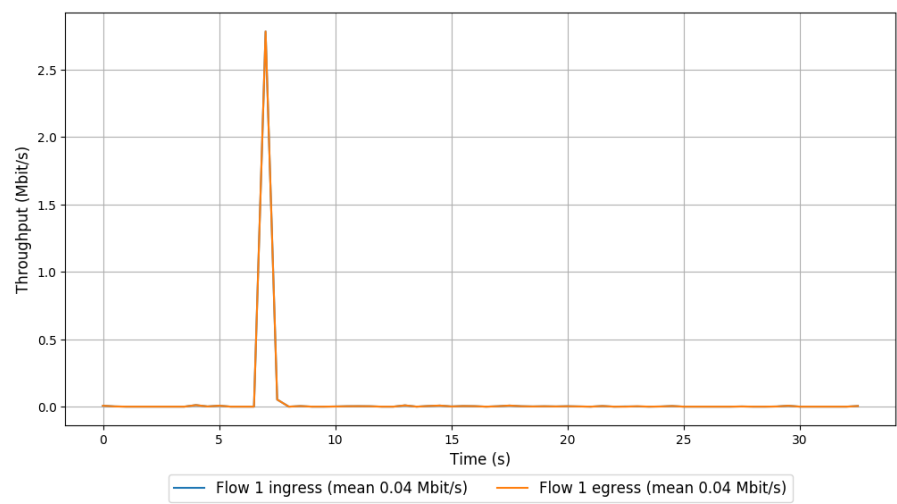
-- Flow 1:

Average throughput: 0.04 Mbit/s

95th percentile per-packet one-way delay: -1.537 ms

Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: Fri, 23 Jun 2017 18:05:48 +0000

End at: Fri, 23 Jun 2017 18:06:18 +0000

Local clock offset: -6.251 ms

Remote clock offset: 0.631 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:58:50 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: -2.293 ms

Loss rate: 0.00%

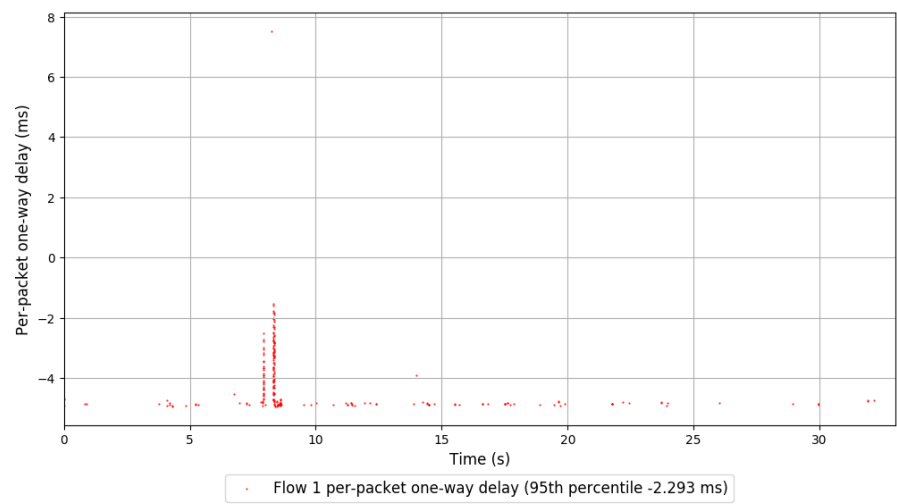
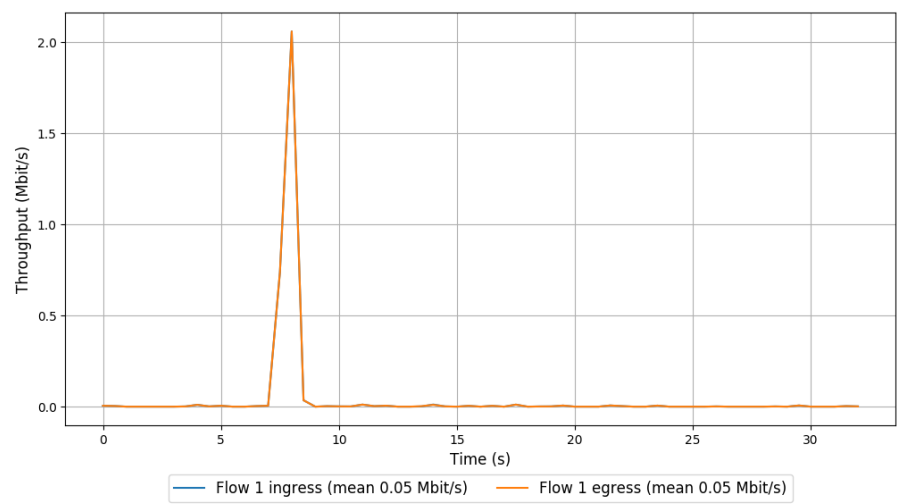
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: -2.293 ms

Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: Fri, 23 Jun 2017 18:23:54 +0000

End at: Fri, 23 Jun 2017 18:24:24 +0000

Local clock offset: -5.502 ms

Remote clock offset: 0.723 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:58:51 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: -1.836 ms

Loss rate: 0.00%

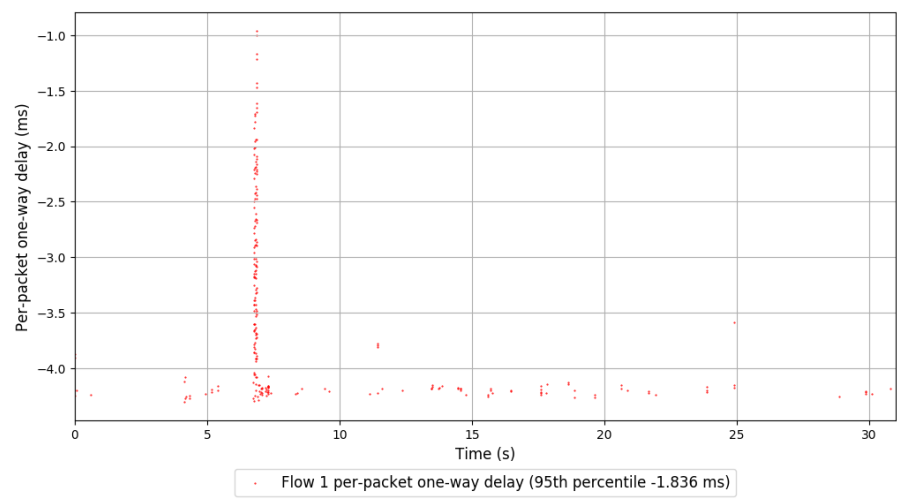
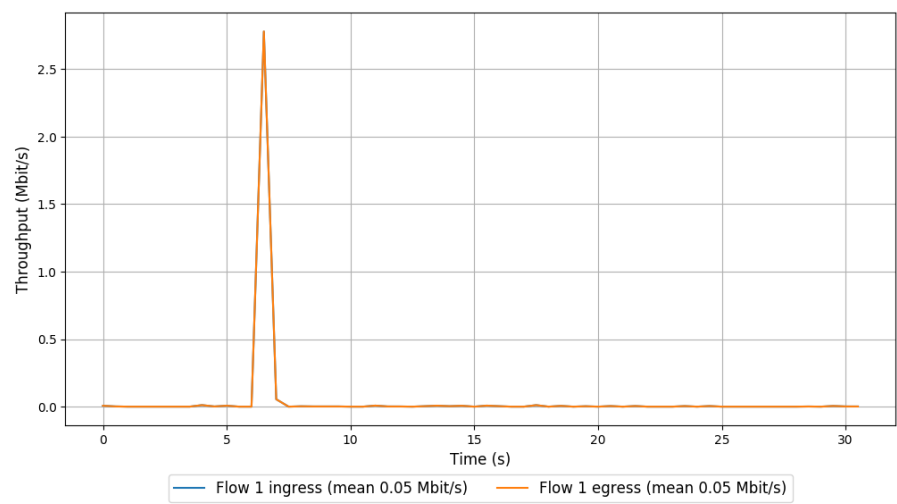
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: -1.836 ms

Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: Fri, 23 Jun 2017 18:42:16 +0000

End at: Fri, 23 Jun 2017 18:42:46 +0000

Local clock offset: -4.705 ms

Remote clock offset: 0.692 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:58:55 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: -0.140 ms

Loss rate: 0.00%

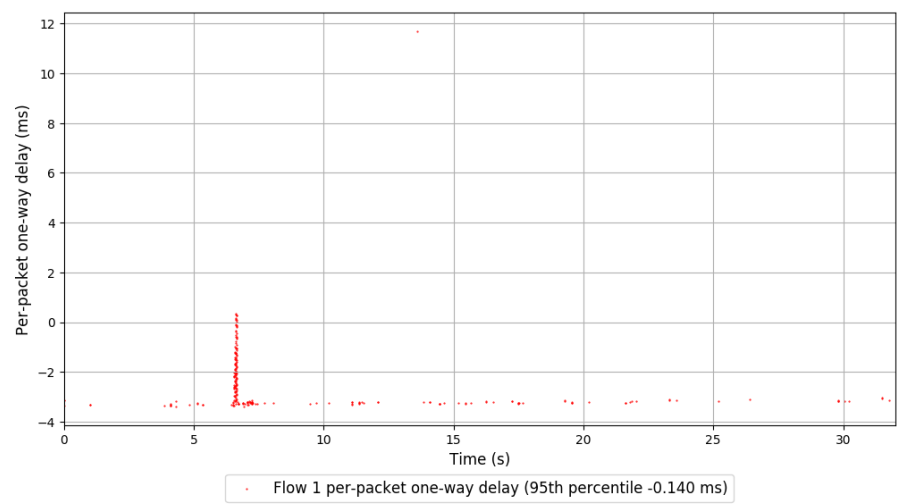
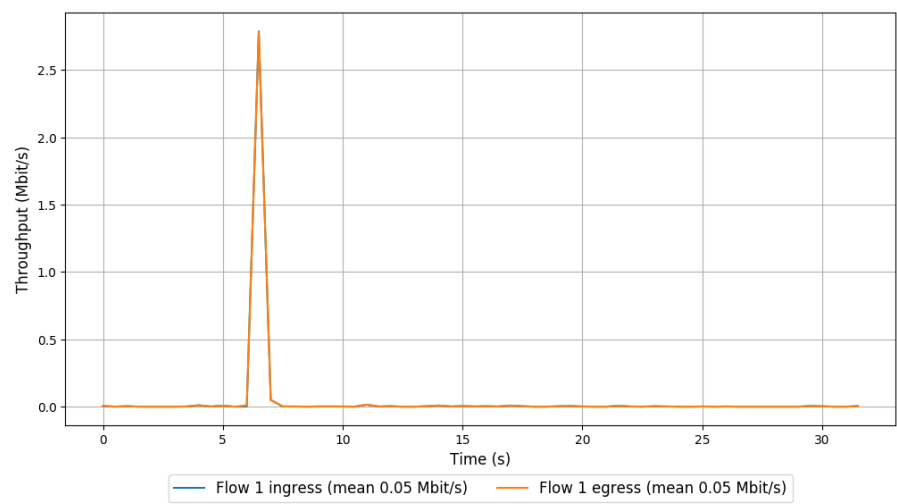
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: -0.140 ms

Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

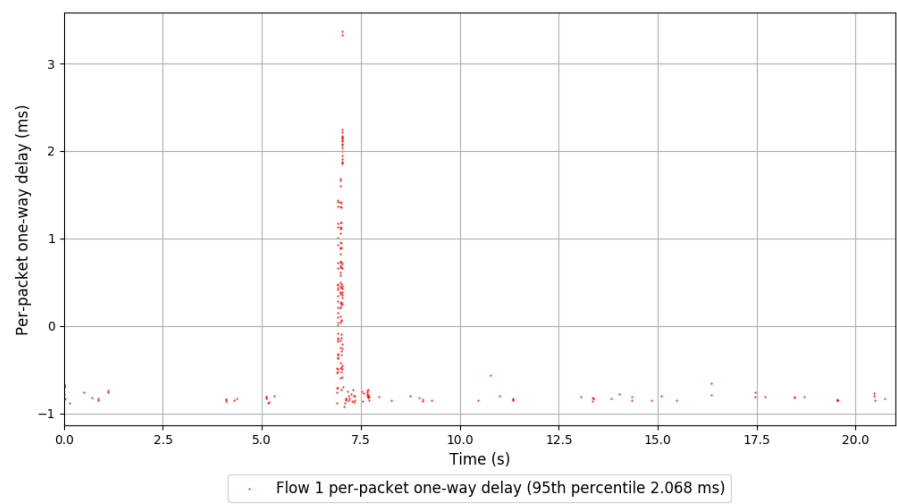
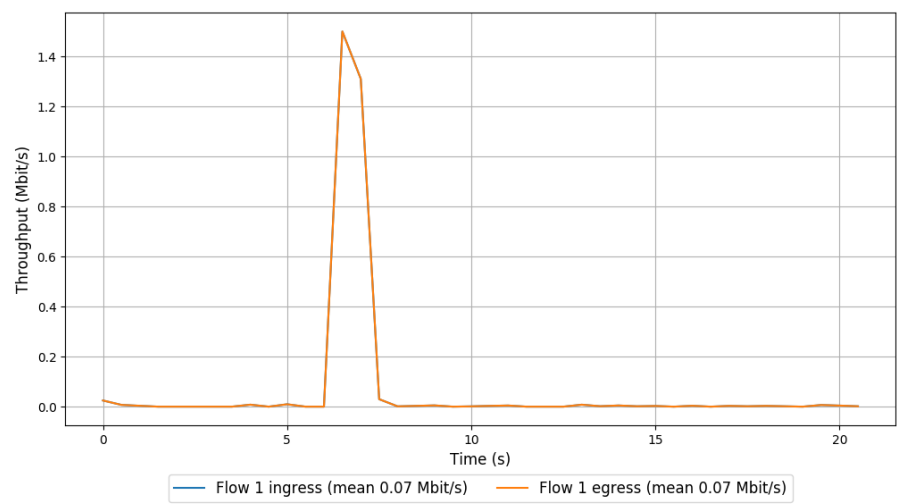
Start at: Fri, 23 Jun 2017 18:59:58 +0000

End at: Fri, 23 Jun 2017 19:00:28 +0000

Local clock offset: -2.46 ms

Remote clock offset: 0.521 ms

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: Fri, 23 Jun 2017 19:18:30 +0000

End at: Fri, 23 Jun 2017 19:19:00 +0000

Local clock offset: -1.621 ms

Remote clock offset: 0.381 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:59:00 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 3.070 ms

Loss rate: 0.00%

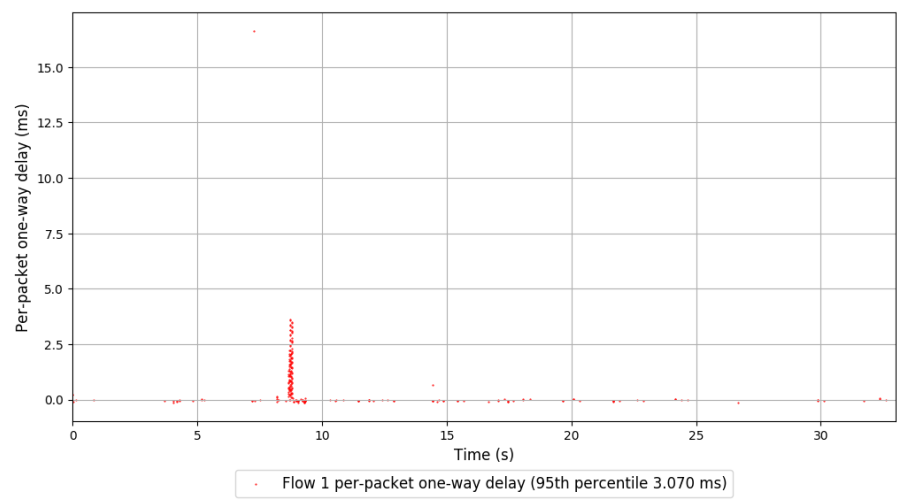
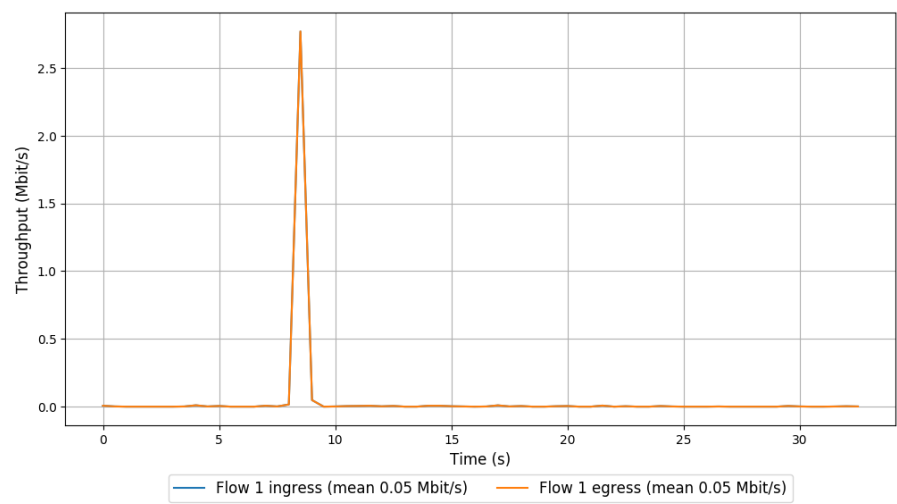
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 3.070 ms

Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

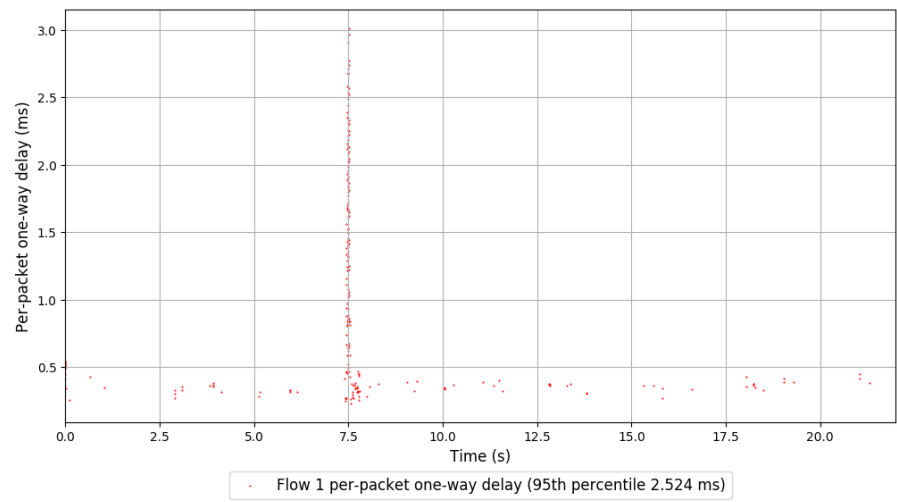
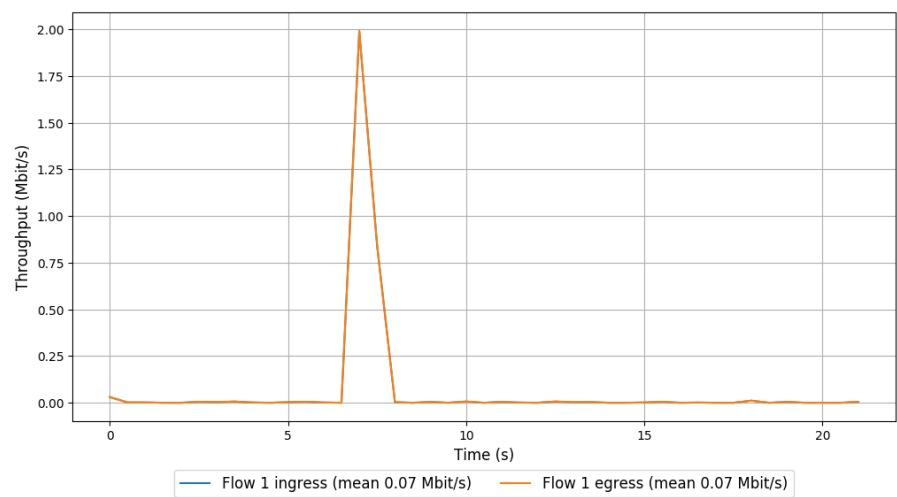
Start at: Fri, 23 Jun 2017 19:36:32 +0000

End at: Fri, 23 Jun 2017 19:37:02 +0000

Local clock offset: -1.406 ms

Remote clock offset: 0.307 ms

Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

Start at: Fri, 23 Jun 2017 19:54:58 +0000

End at: Fri, 23 Jun 2017 19:55:28 +0000

Local clock offset: -3.484 ms

Remote clock offset: 0.202 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:59:04 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 0.329 ms

Loss rate: 0.00%

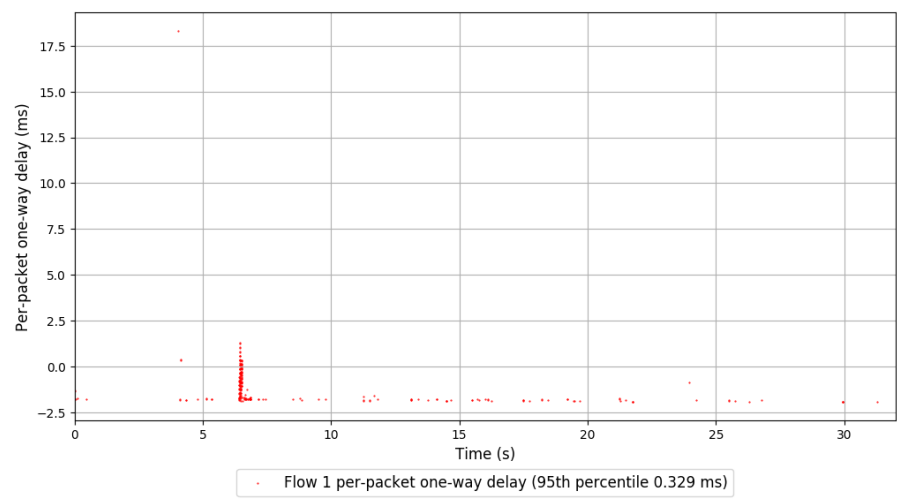
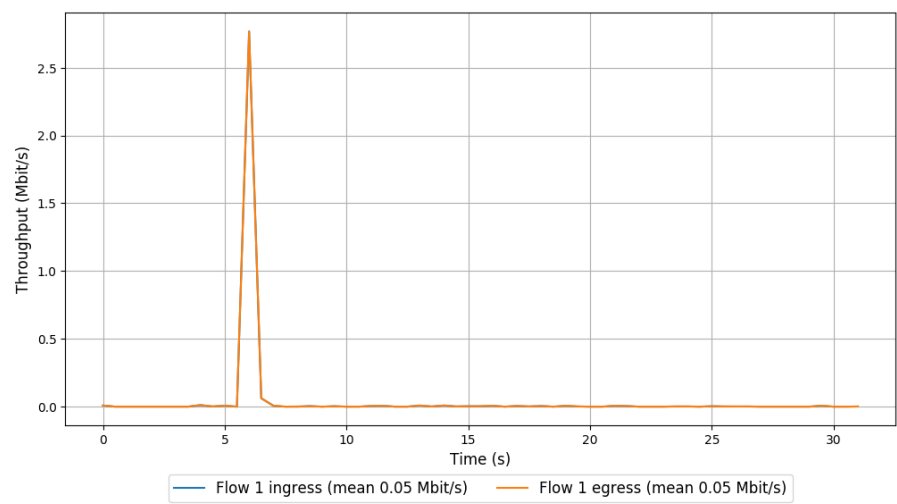
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 0.329 ms

Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: Fri, 23 Jun 2017 20:13:21 +0000

End at: Fri, 23 Jun 2017 20:13:51 +0000

Local clock offset: -4.353 ms

Remote clock offset: 0.11 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:59:04 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.06 Mbit/s

95th percentile per-packet one-way delay: -0.109 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.06 Mbit/s

95th percentile per-packet one-way delay: -0.109 ms

Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

