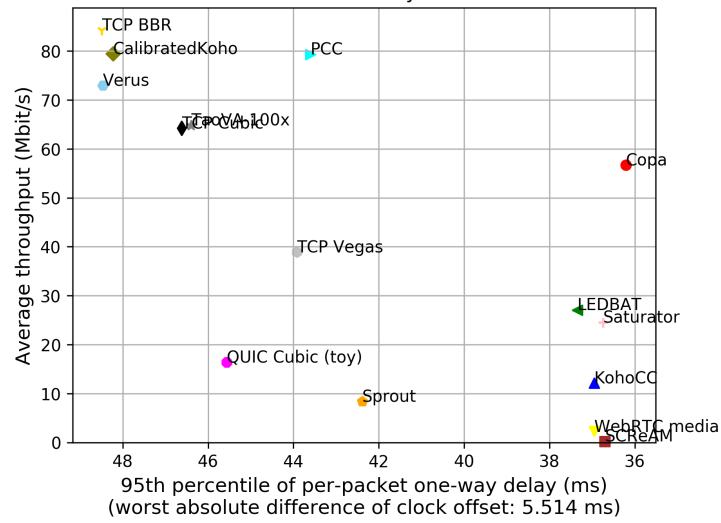


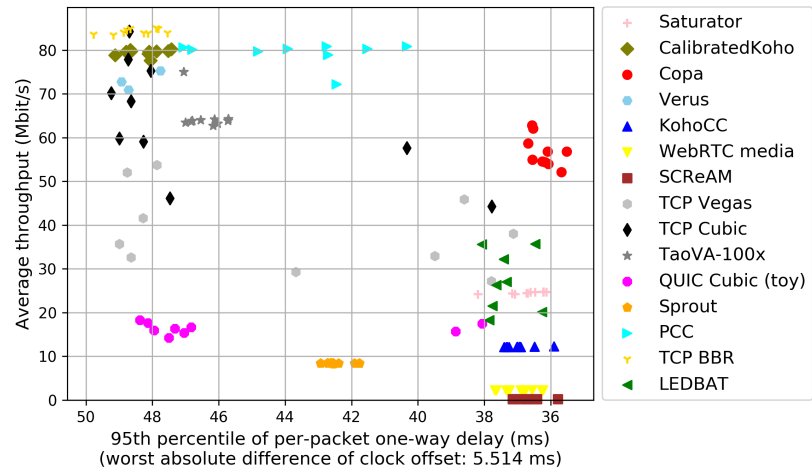
**Pantheon Summary** (Generated at Tue, 27 Jun 2017 05:31:48 +0000 with  
pantheon version f1f579919e2382b18c1fb18b676e821e7efc0b62)  
Repeated the test of 15 congestion control schemes 10 times.  
Each test lasted for 30 seconds running 1 flow.  
Data path **from** Mexico Ethernet **to** AWS California 2 Ethernet.  
NTP offset measured against time.stanford.edu.

```
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-quick @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaeab30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

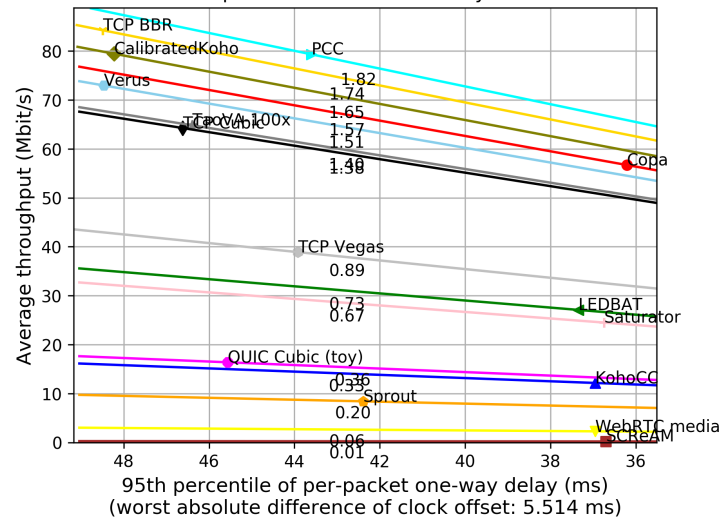
test from Mexico Ethernet to AWS California 2 Ethernet, 10 runs of 30s each per scheme  
mean of all runs by scheme



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



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



Run 1: Statistics of TCP BBR

Start at: Tue, 27 Jun 2017 01:34:15 +0000

End at: Tue, 27 Jun 2017 01:34:45 +0000

Local clock offset: -0.355 ms

Remote clock offset: -4.965 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:22:35 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 83.95 Mbit/s

95th percentile per-packet one-way delay: 48.262 ms

Loss rate: 0.48%

-- Flow 1:

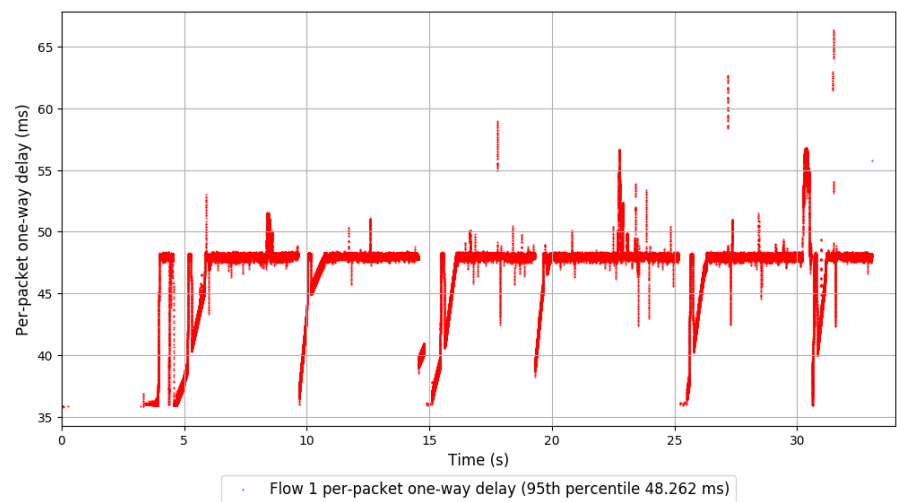
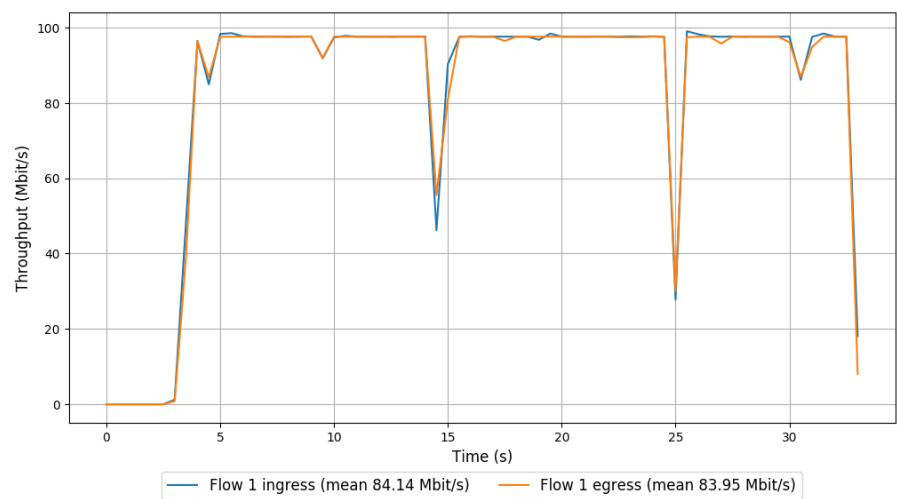
Average throughput: 83.95 Mbit/s

95th percentile per-packet one-way delay: 48.262 ms

Loss rate: 0.48%



Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: Tue, 27 Jun 2017 01:53:54 +0000

End at: Tue, 27 Jun 2017 01:54:24 +0000

Local clock offset: -0.373 ms

Remote clock offset: -2.778 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:22:36 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 83.86 Mbit/s

95th percentile per-packet one-way delay: 48.129 ms

Loss rate: 0.64%

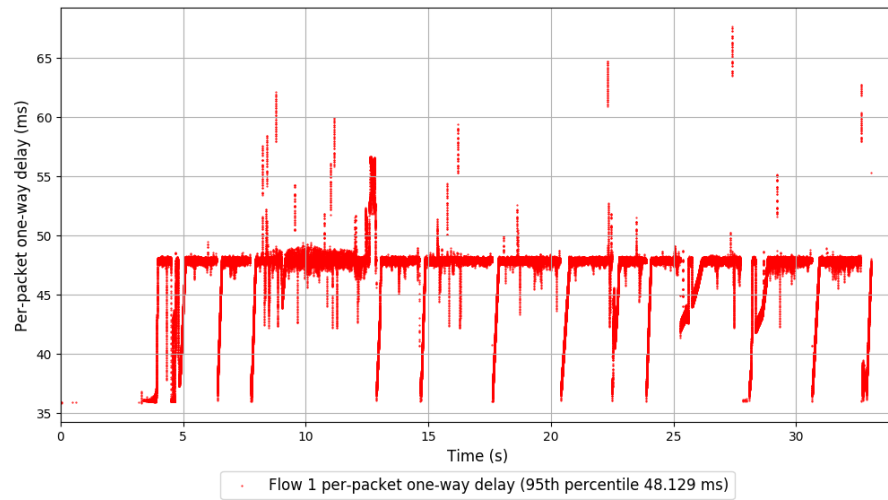
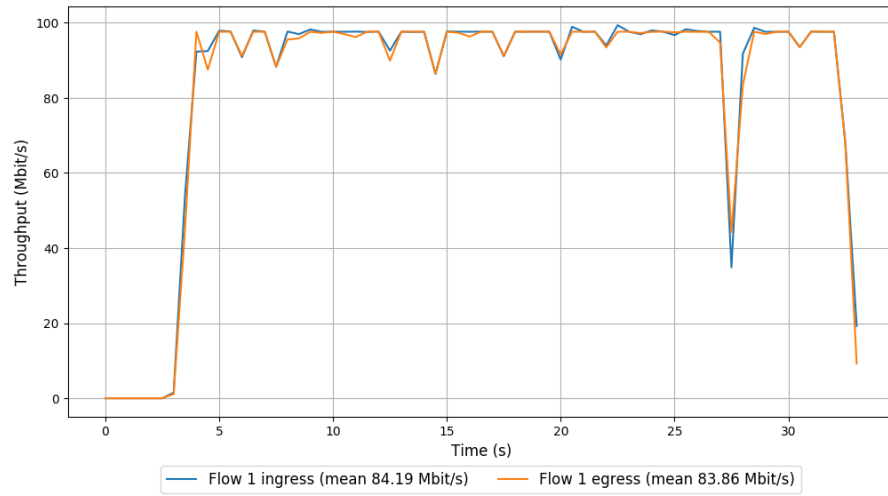
-- Flow 1:

Average throughput: 83.86 Mbit/s

95th percentile per-packet one-way delay: 48.129 ms

Loss rate: 0.64%

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



Run 3: Statistics of TCP BBR

Start at: Tue, 27 Jun 2017 02:13:50 +0000

End at: Tue, 27 Jun 2017 02:14:20 +0000

Local clock offset: -0.415 ms

Remote clock offset: -4.781 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:22:44 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 83.43 Mbit/s

95th percentile per-packet one-way delay: 49.180 ms

Loss rate: 0.55%

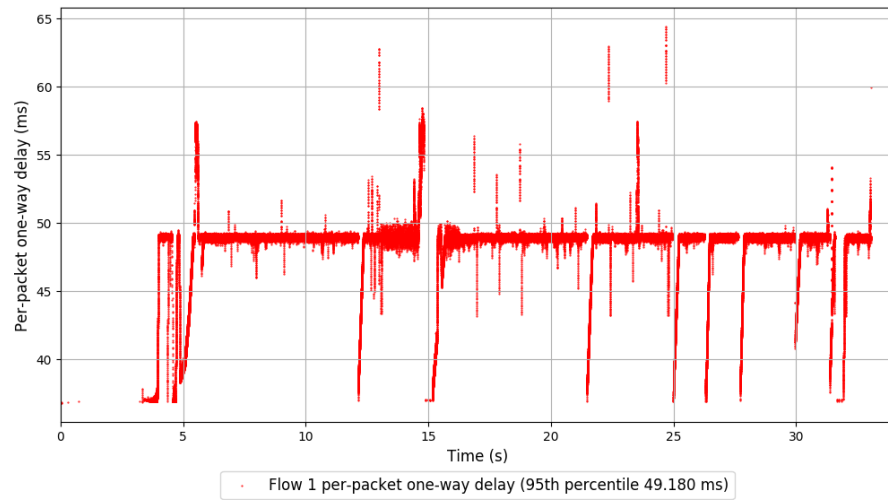
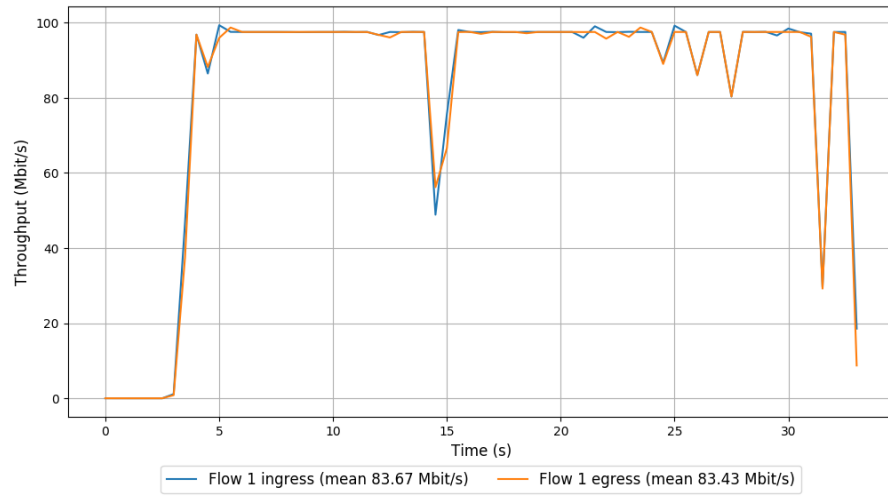
-- Flow 1:

Average throughput: 83.43 Mbit/s

95th percentile per-packet one-way delay: 49.180 ms

Loss rate: 0.55%

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



Run 4: Statistics of TCP BBR

Start at: Tue, 27 Jun 2017 02:33:38 +0000

End at: Tue, 27 Jun 2017 02:34:08 +0000

Local clock offset: -0.262 ms

Remote clock offset: -4.869 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:22:49 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 85.10 Mbit/s

95th percentile per-packet one-way delay: 47.887 ms

Loss rate: 0.45%

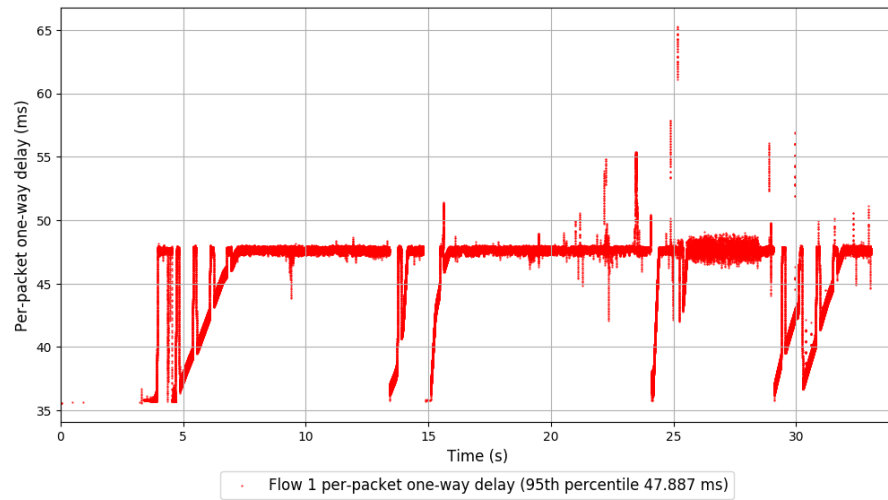
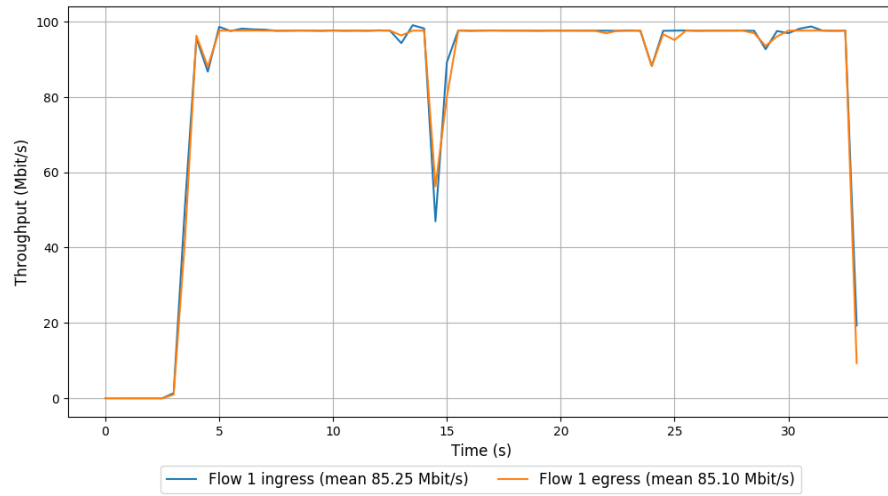
-- Flow 1:

Average throughput: 85.10 Mbit/s

95th percentile per-packet one-way delay: 47.887 ms

Loss rate: 0.45%

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



Run 5: Statistics of TCP BBR

Start at: Tue, 27 Jun 2017 02:53:27 +0000

End at: Tue, 27 Jun 2017 02:53:57 +0000

Local clock offset: -0.077 ms

Remote clock offset: -4.958 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:23:00 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 84.88 Mbit/s

95th percentile per-packet one-way delay: 47.827 ms

Loss rate: 0.42%

-- Flow 1:

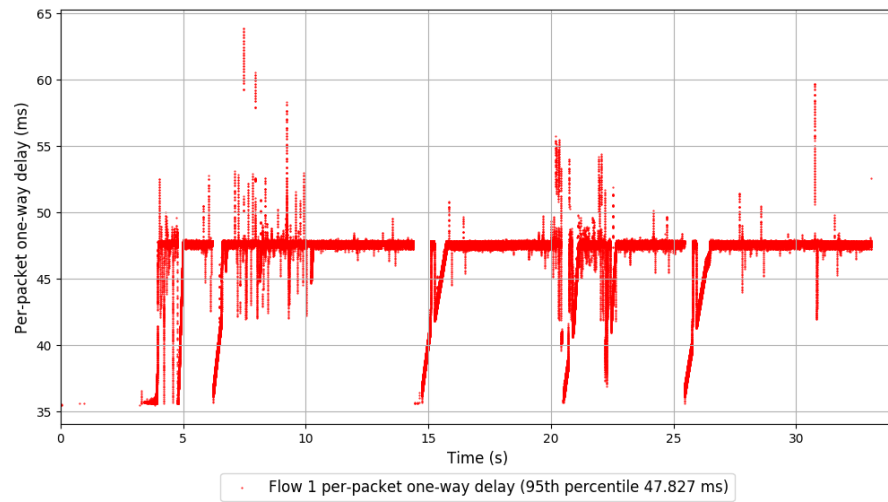
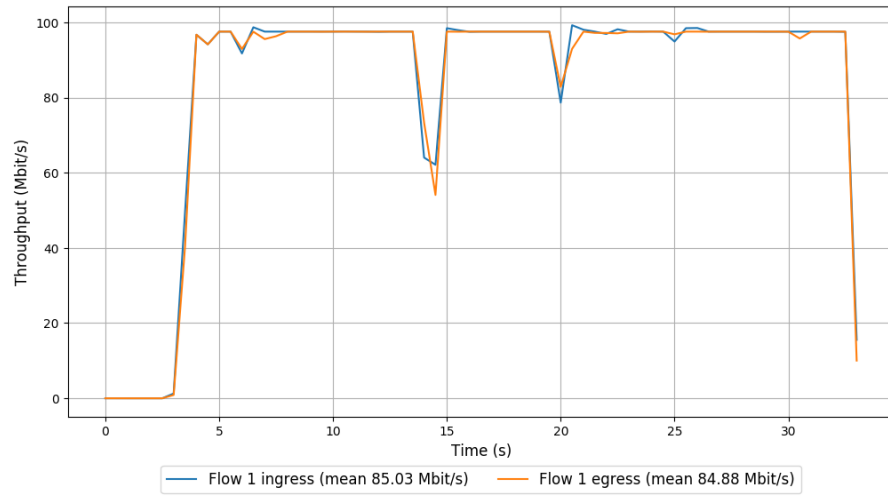
Average throughput: 84.88 Mbit/s

95th percentile per-packet one-way delay: 47.827 ms

Loss rate: 0.42%



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



Run 6: Statistics of TCP BBR

Start at: Tue, 27 Jun 2017 03:13:12 +0000

End at: Tue, 27 Jun 2017 03:13:42 +0000

Local clock offset: -0.055 ms

Remote clock offset: -4.929 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:23:01 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 84.12 Mbit/s

95th percentile per-packet one-way delay: 48.866 ms

Loss rate: 0.44%

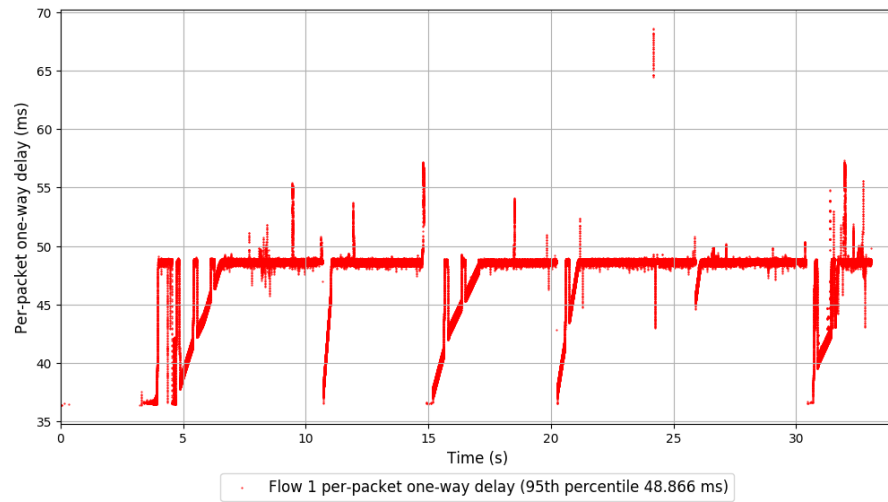
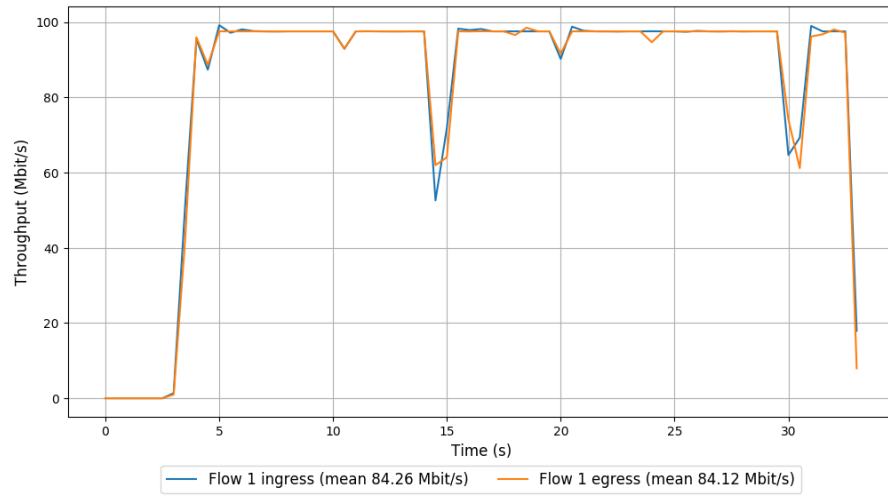
-- Flow 1:

Average throughput: 84.12 Mbit/s

95th percentile per-packet one-way delay: 48.866 ms

Loss rate: 0.44%

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



Run 7: Statistics of TCP BBR

Start at: Tue, 27 Jun 2017 03:32:58 +0000

End at: Tue, 27 Jun 2017 03:33:28 +0000

Local clock offset: -0.046 ms

Remote clock offset: -2.955 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:23:14 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 84.55 Mbit/s

95th percentile per-packet one-way delay: 48.768 ms

Loss rate: 0.60%

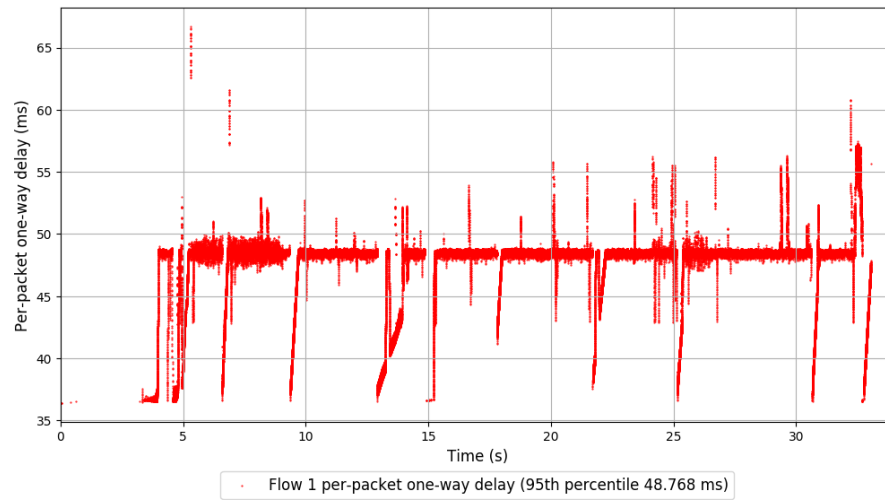
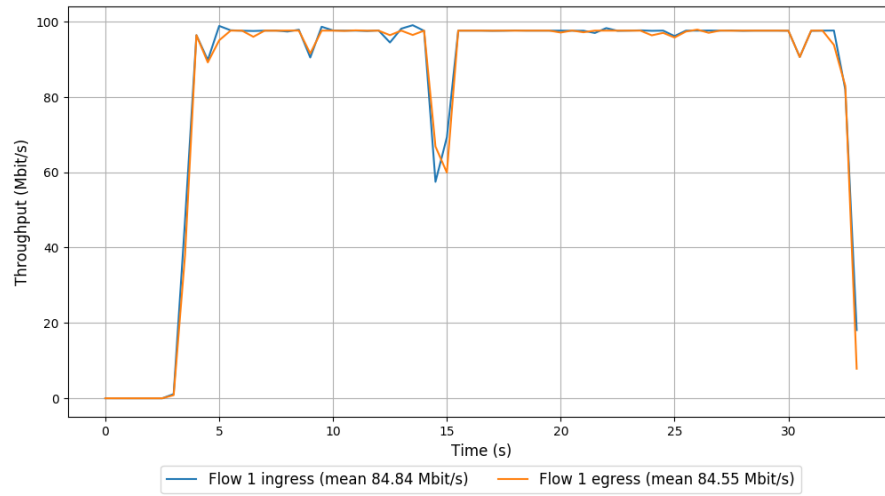
-- Flow 1:

Average throughput: 84.55 Mbit/s

95th percentile per-packet one-way delay: 48.768 ms

Loss rate: 0.60%

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



Run 8: Statistics of TCP BBR

Start at: Tue, 27 Jun 2017 03:52:36 +0000

End at: Tue, 27 Jun 2017 03:53:06 +0000

Local clock offset: 0.059 ms

Remote clock offset: -4.858 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:23:14 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 84.93 Mbit/s

95th percentile per-packet one-way delay: 48.667 ms

Loss rate: 0.53%

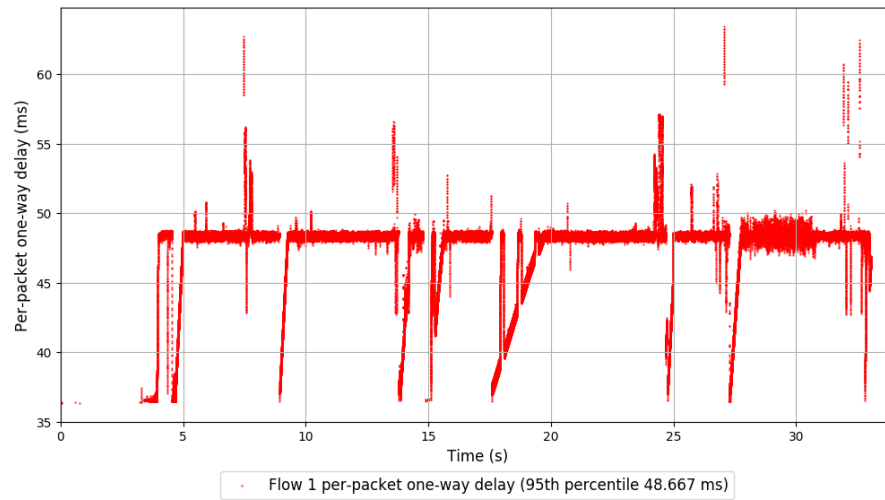
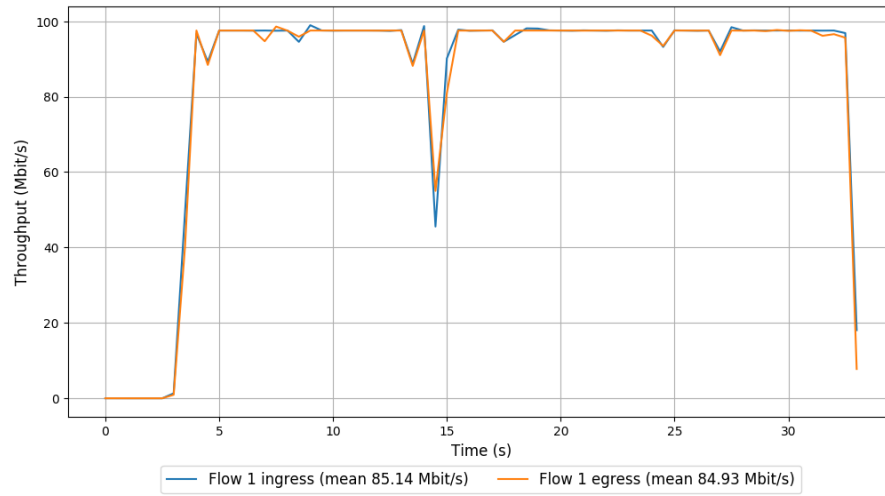
-- Flow 1:

Average throughput: 84.93 Mbit/s

95th percentile per-packet one-way delay: 48.667 ms

Loss rate: 0.53%

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



Run 9: Statistics of TCP BBR

Start at: Tue, 27 Jun 2017 04:12:12 +0000

End at: Tue, 27 Jun 2017 04:12:42 +0000

Local clock offset: 0.367 ms

Remote clock offset: -4.912 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:23:26 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 83.64 Mbit/s

95th percentile per-packet one-way delay: 49.770 ms

Loss rate: 0.46%

-- Flow 1:

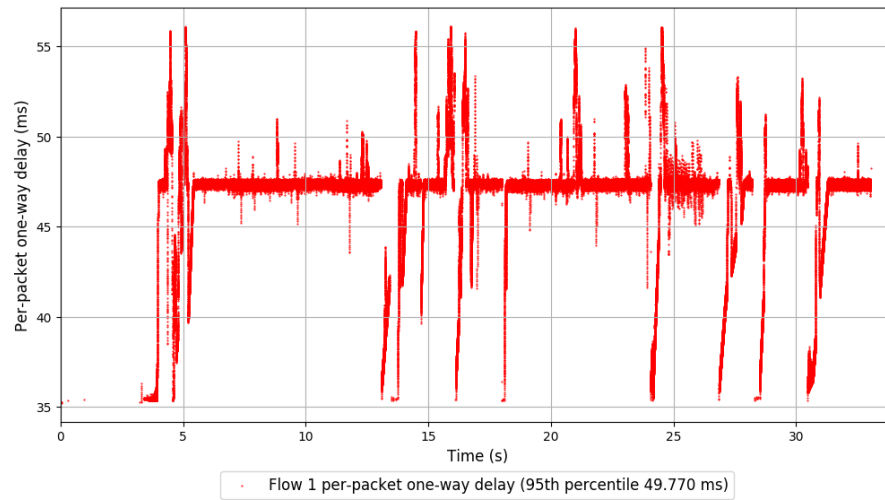
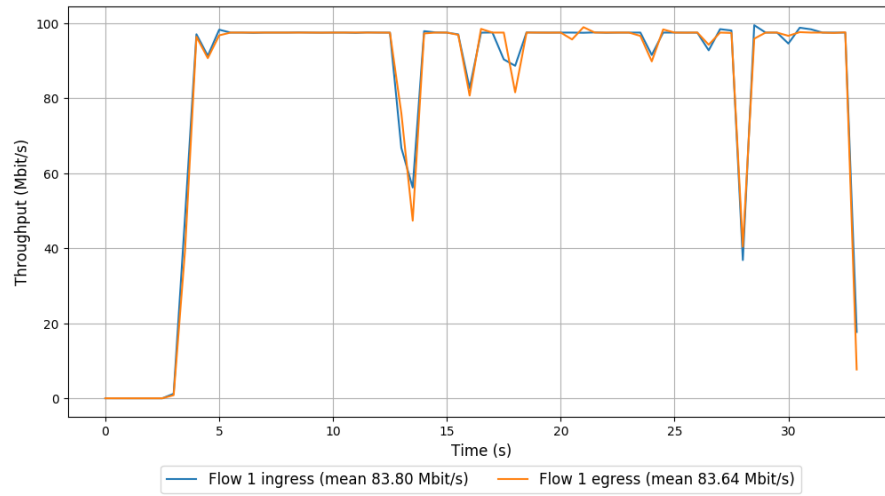
Average throughput: 83.64 Mbit/s

95th percentile per-packet one-way delay: 49.770 ms

Loss rate: 0.46%



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



Run 10: Statistics of TCP BBR

Start at: Tue, 27 Jun 2017 04:31:47 +0000

End at: Tue, 27 Jun 2017 04:32:17 +0000

Local clock offset: 0.383 ms

Remote clock offset: -4.658 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:23:27 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 83.95 Mbit/s

95th percentile per-packet one-way delay: 47.548 ms

Loss rate: 0.51%

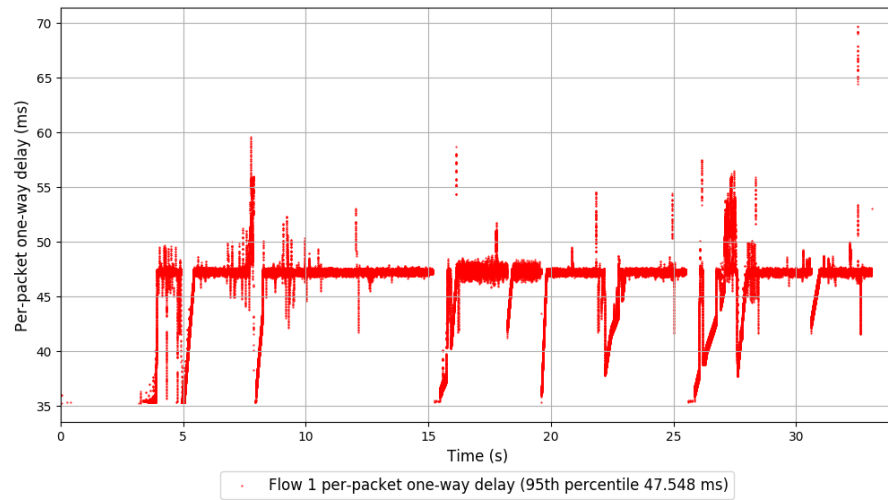
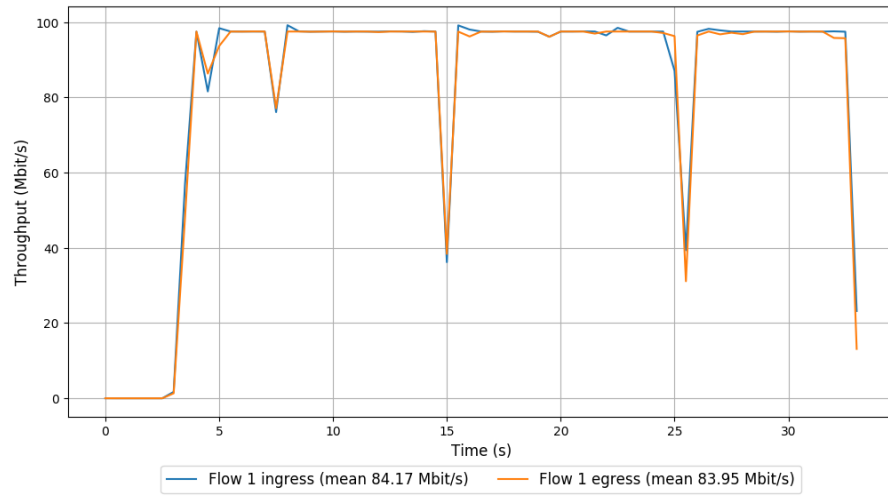
-- Flow 1:

Average throughput: 83.95 Mbit/s

95th percentile per-packet one-way delay: 47.548 ms

Loss rate: 0.51%

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



Run 1: Statistics of CalibratedKoho

Start at: Tue, 27 Jun 2017 01:30:18 +0000

End at: Tue, 27 Jun 2017 01:30:48 +0000

Local clock offset: -0.336 ms

Remote clock offset: -4.795 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:23:38 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 79.67 Mbit/s

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

Loss rate: 0.56%

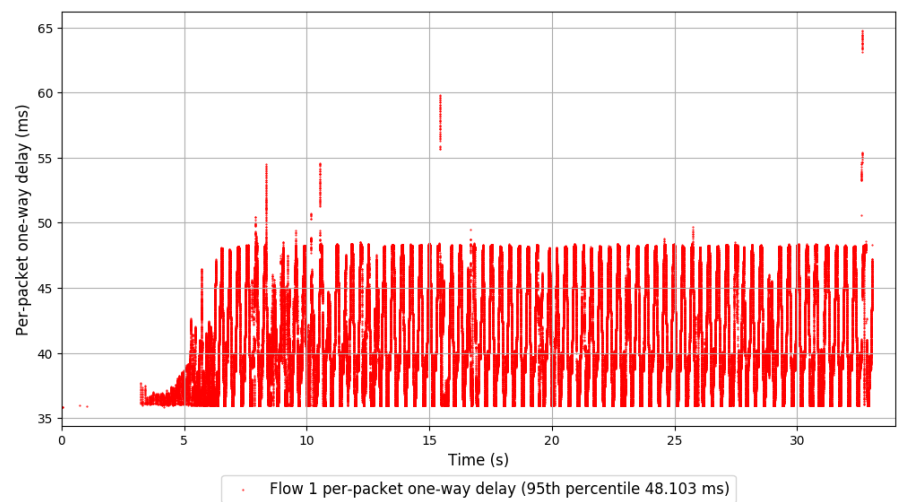
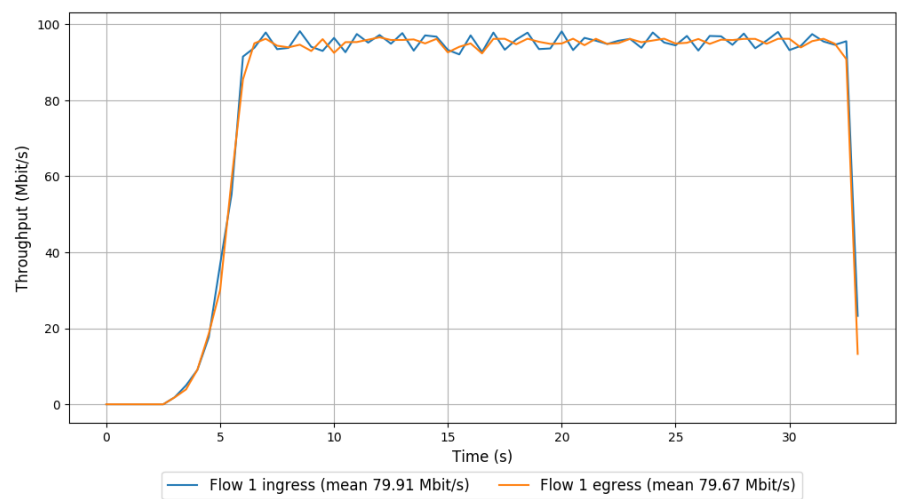
-- Flow 1:

Average throughput: 79.67 Mbit/s

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

Loss rate: 0.56%

Run 1: Report of CalibratedKoho — Data Link



Run 2: Statistics of CalibratedKoho

Start at: Tue, 27 Jun 2017 01:49:59 +0000

End at: Tue, 27 Jun 2017 01:50:29 +0000

Local clock offset: -0.443 ms

Remote clock offset: -2.392 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:23:39 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 78.86 Mbit/s

95th percentile per-packet one-way delay: 49.119 ms

Loss rate: 0.56%

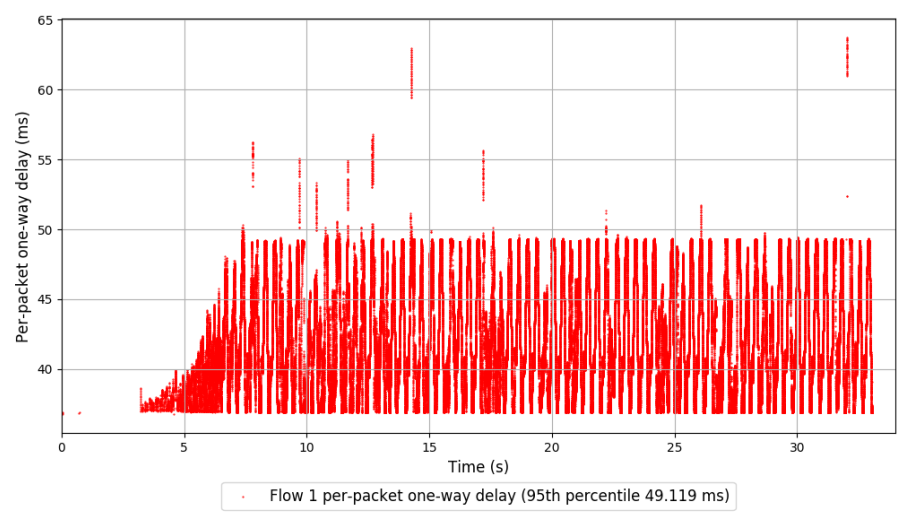
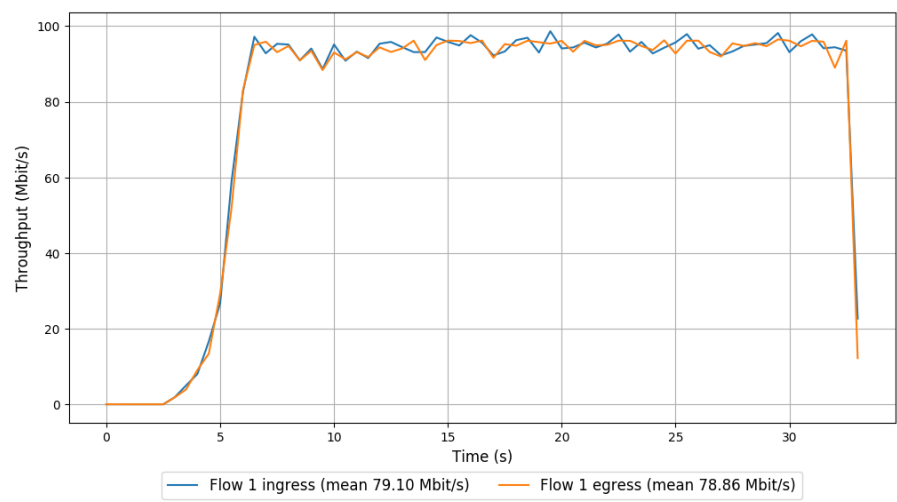
-- Flow 1:

Average throughput: 78.86 Mbit/s

95th percentile per-packet one-way delay: 49.119 ms

Loss rate: 0.56%

Run 2: Report of CalibratedKoho — Data Link



Run 3: Statistics of CalibratedKoho

Start at: Tue, 27 Jun 2017 02:09:52 +0000

End at: Tue, 27 Jun 2017 02:10:23 +0000

Local clock offset: -0.486 ms

Remote clock offset: -3.28 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:23:51 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 79.13 Mbit/s

95th percentile per-packet one-way delay: 48.121 ms

Loss rate: 0.64%

-- Flow 1:

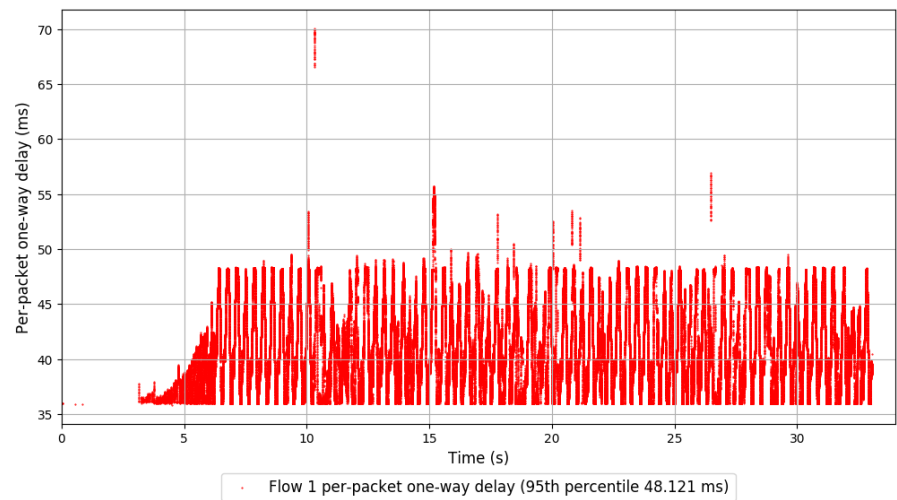
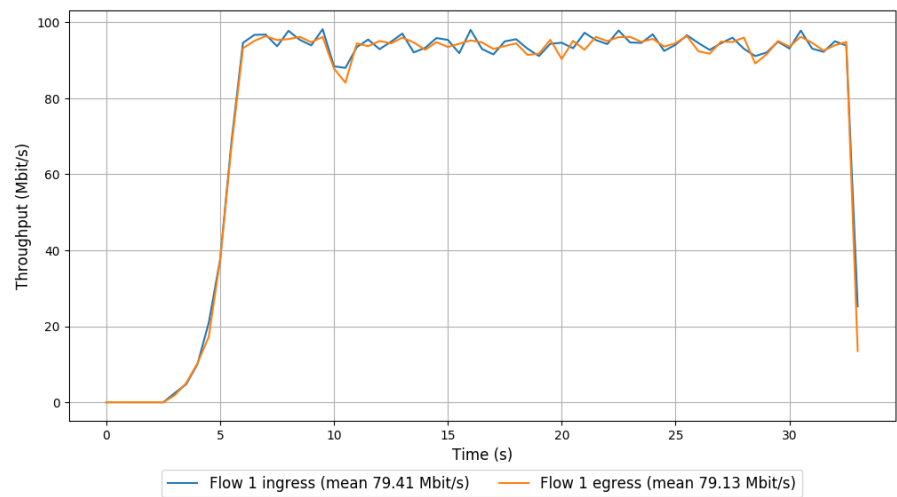
Average throughput: 79.13 Mbit/s

95th percentile per-packet one-way delay: 48.121 ms

Loss rate: 0.64%



Run 3: Report of CalibratedKoho — Data Link



Run 4: Statistics of CalibratedKoho

Start at: Tue, 27 Jun 2017 02:29:41 +0000

End at: Tue, 27 Jun 2017 02:30:11 +0000

Local clock offset: -0.31 ms

Remote clock offset: -2.928 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:23:51 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 77.62 Mbit/s

95th percentile per-packet one-way delay: 48.052 ms

Loss rate: 0.81%

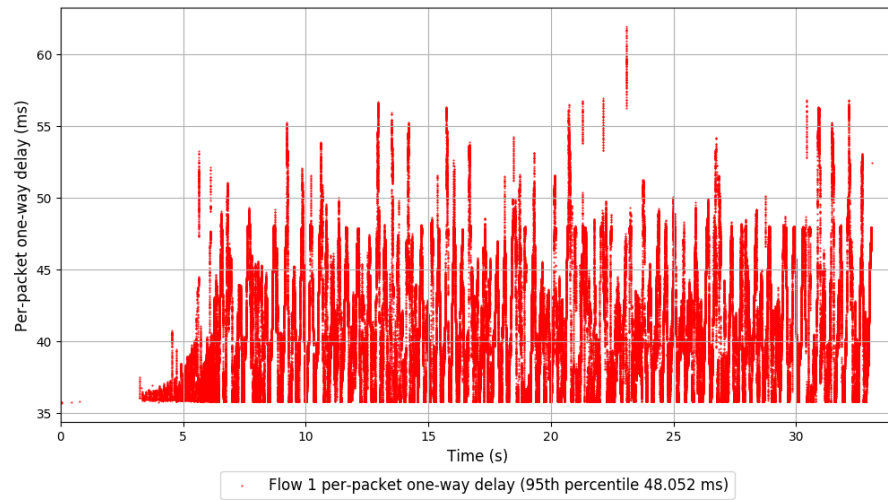
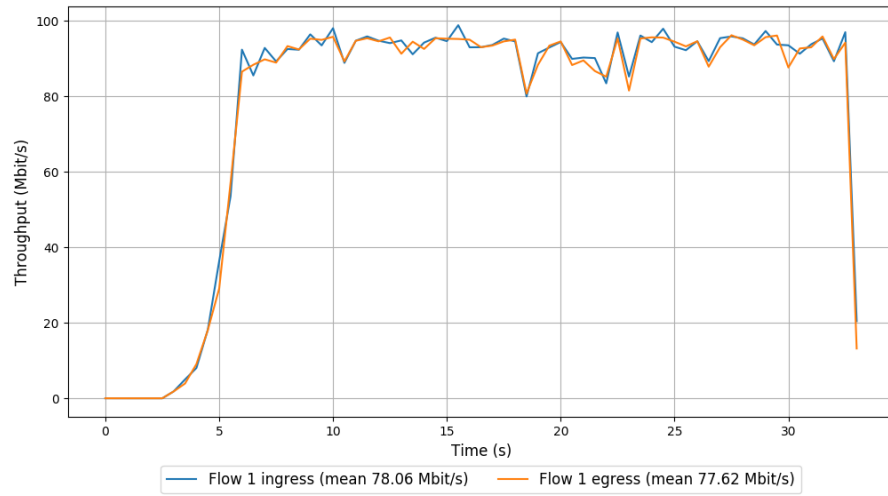
-- Flow 1:

Average throughput: 77.62 Mbit/s

95th percentile per-packet one-way delay: 48.052 ms

Loss rate: 0.81%

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



Run 5: Statistics of CalibratedKoho

Start at: Tue, 27 Jun 2017 02:49:31 +0000

End at: Tue, 27 Jun 2017 02:50:01 +0000

Local clock offset: -0.089 ms

Remote clock offset: -2.762 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:24:03 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 79.76 Mbit/s

95th percentile per-packet one-way delay: 48.640 ms

Loss rate: 0.58%

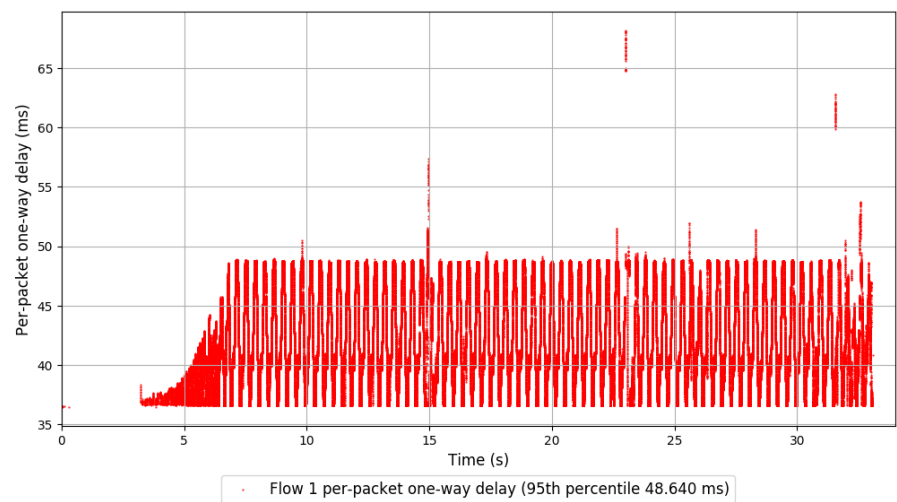
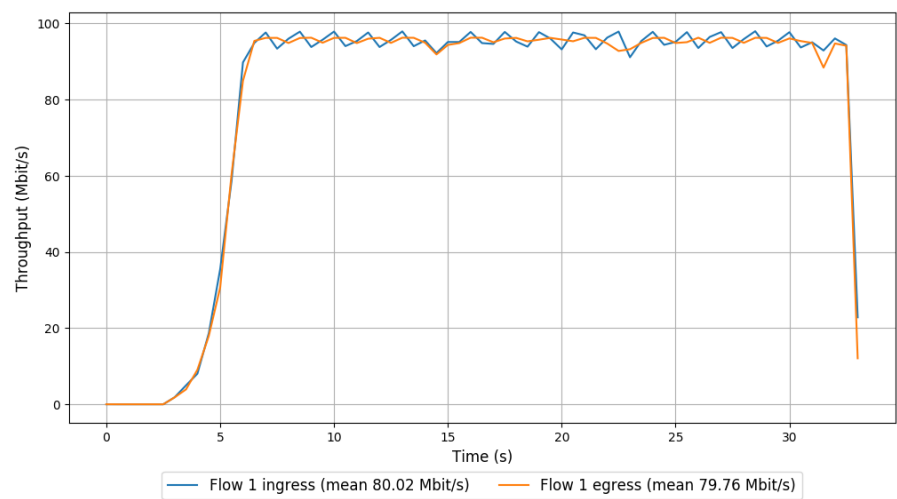
-- Flow 1:

Average throughput: 79.76 Mbit/s

95th percentile per-packet one-way delay: 48.640 ms

Loss rate: 0.58%

Run 5: Report of CalibratedKoho — Data Link



Run 6: Statistics of CalibratedKoho

Start at: Tue, 27 Jun 2017 03:09:16 +0000

End at: Tue, 27 Jun 2017 03:09:46 +0000

Local clock offset: -0.068 ms

Remote clock offset: -2.879 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:24:03 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 80.07 Mbit/s

95th percentile per-packet one-way delay: 48.669 ms

Loss rate: 0.38%

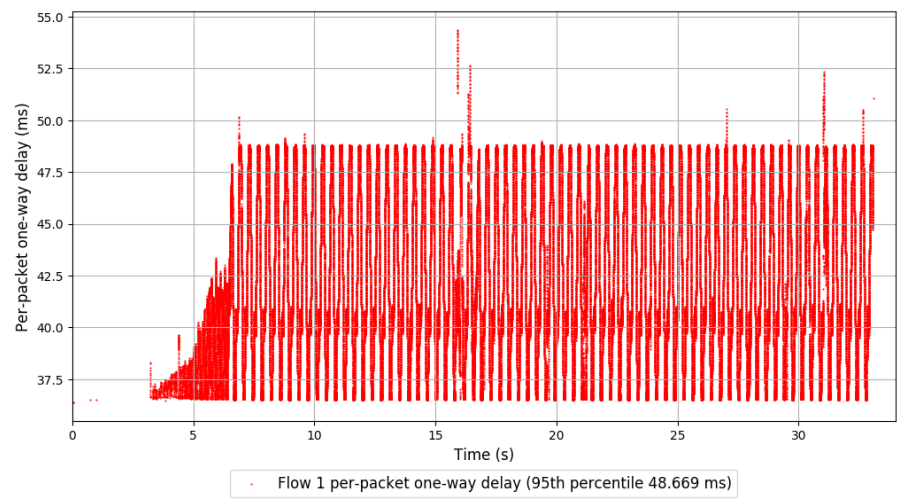
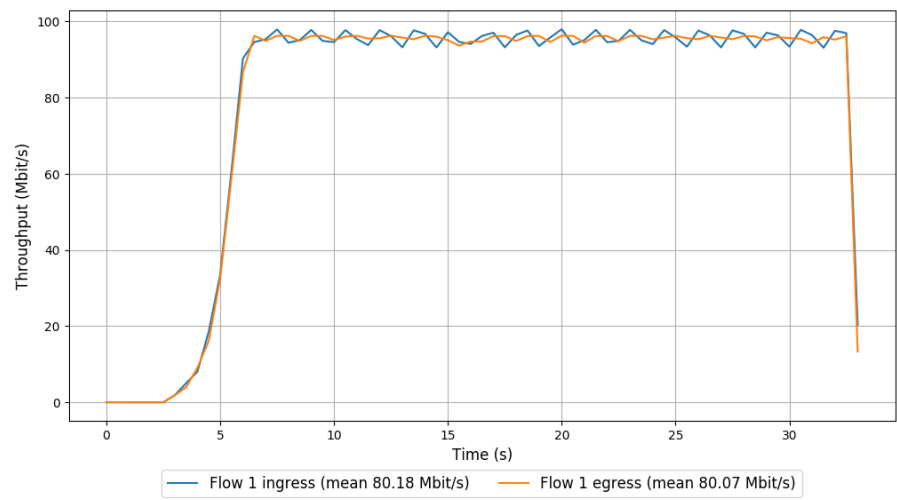
-- Flow 1:

Average throughput: 80.07 Mbit/s

95th percentile per-packet one-way delay: 48.669 ms

Loss rate: 0.38%

Run 6: Report of CalibratedKoho — Data Link



Run 7: Statistics of CalibratedKoho

Start at: Tue, 27 Jun 2017 03:29:02 +0000

End at: Tue, 27 Jun 2017 03:29:32 +0000

Local clock offset: -0.148 ms

Remote clock offset: -2.389 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:24:12 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 79.65 Mbit/s

95th percentile per-packet one-way delay: 48.791 ms

Loss rate: 0.51%

-- Flow 1:

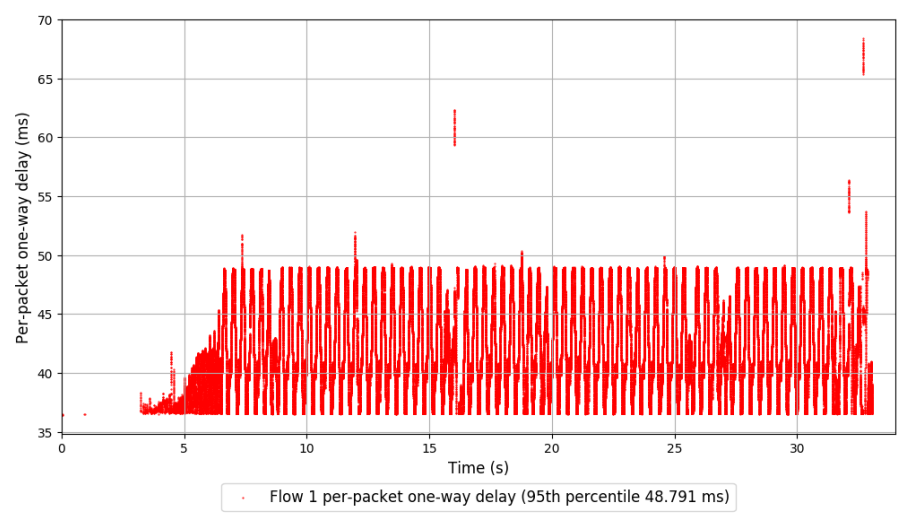
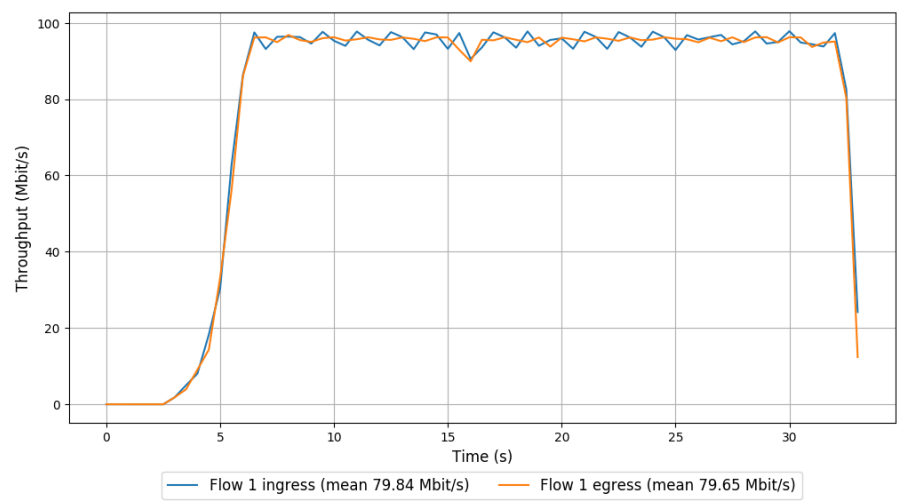
Average throughput: 79.65 Mbit/s

95th percentile per-packet one-way delay: 48.791 ms

Loss rate: 0.51%



Run 7: Report of CalibratedKoho — Data Link



Run 8: Statistics of CalibratedKoho

Start at: Tue, 27 Jun 2017 03:48:40 +0000

End at: Tue, 27 Jun 2017 03:49:10 +0000

Local clock offset: 0.038 ms

Remote clock offset: -4.905 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:24:16 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 79.76 Mbit/s

95th percentile per-packet one-way delay: 47.878 ms

Loss rate: 0.71%

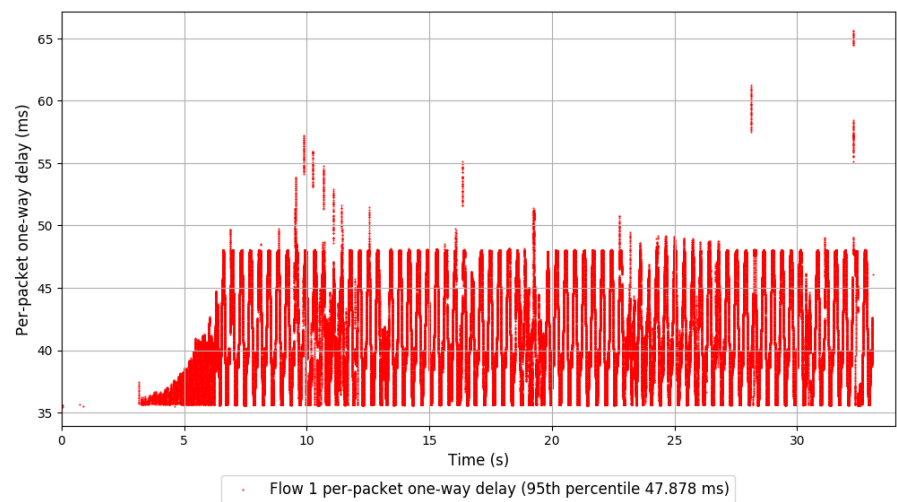
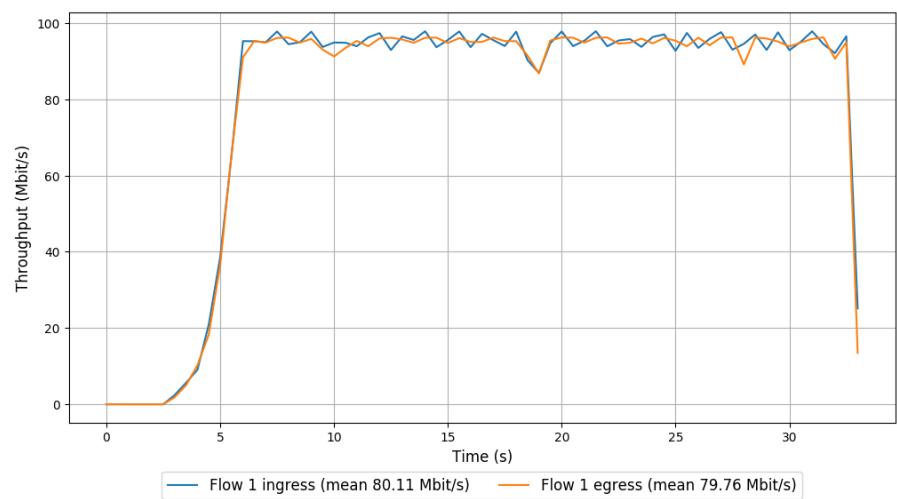
-- Flow 1:

Average throughput: 79.76 Mbit/s

95th percentile per-packet one-way delay: 47.878 ms

Loss rate: 0.71%

Run 8: Report of CalibratedKoho — Data Link



Run 9: Statistics of CalibratedKoho

Start at: Tue, 27 Jun 2017 04:08:15 +0000

End at: Tue, 27 Jun 2017 04:08:45 +0000

Local clock offset: 0.202 ms

Remote clock offset: -4.828 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:24:24 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 79.83 Mbit/s

95th percentile per-packet one-way delay: 47.519 ms

Loss rate: 0.55%

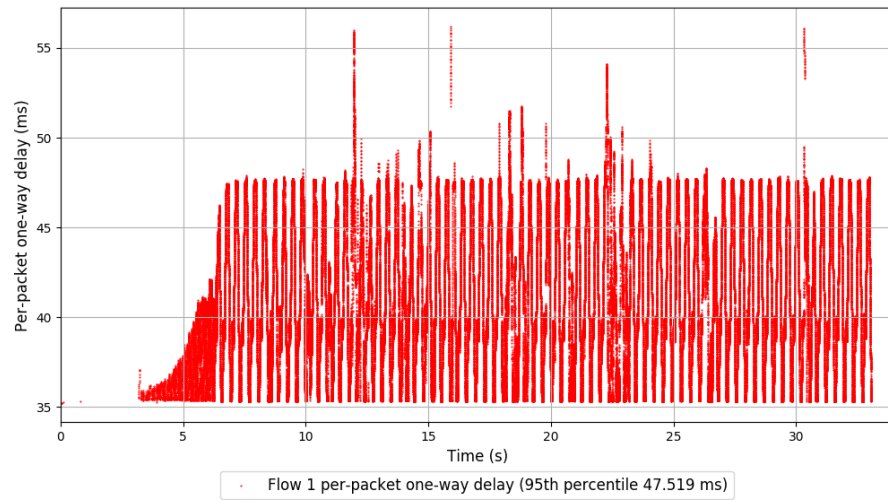
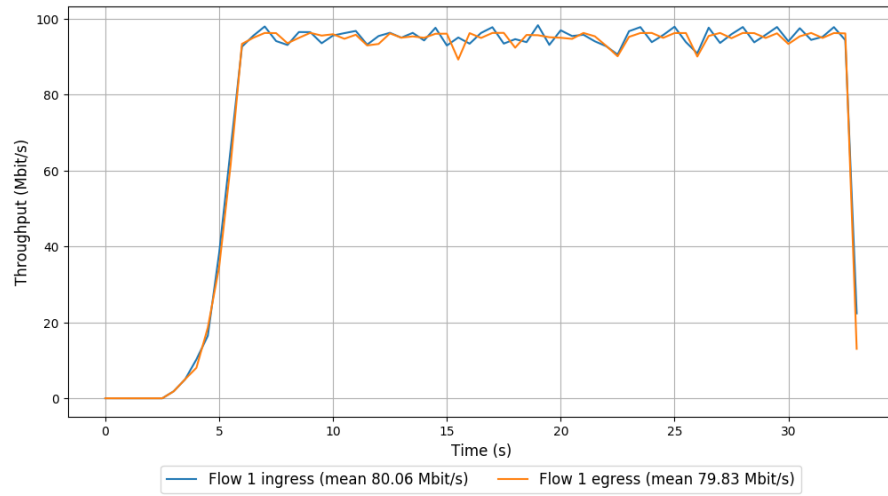
-- Flow 1:

Average throughput: 79.83 Mbit/s

95th percentile per-packet one-way delay: 47.519 ms

Loss rate: 0.55%

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



Run 10: Statistics of CalibratedKoho

Start at: Tue, 27 Jun 2017 04:27:51 +0000

End at: Tue, 27 Jun 2017 04:28:21 +0000

Local clock offset: 0.482 ms

Remote clock offset: -4.832 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:24:29 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 80.22 Mbit/s

95th percentile per-packet one-way delay: 47.428 ms

Loss rate: 0.40%

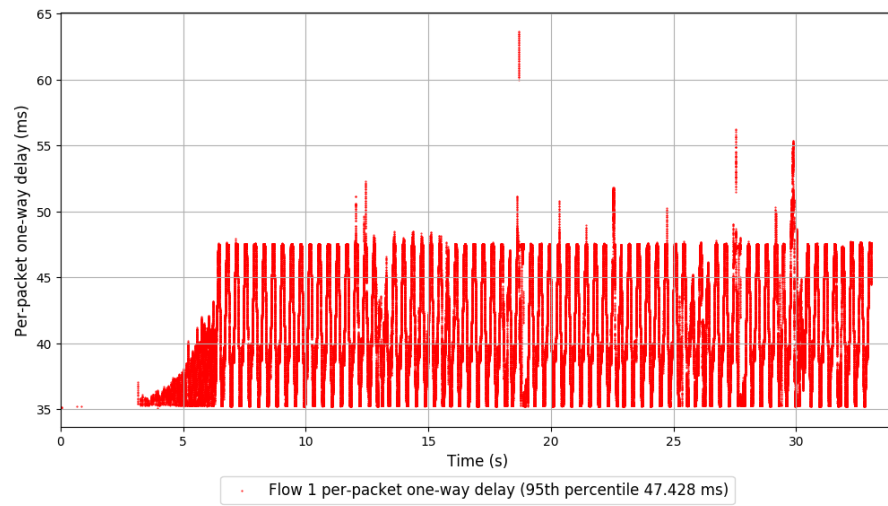
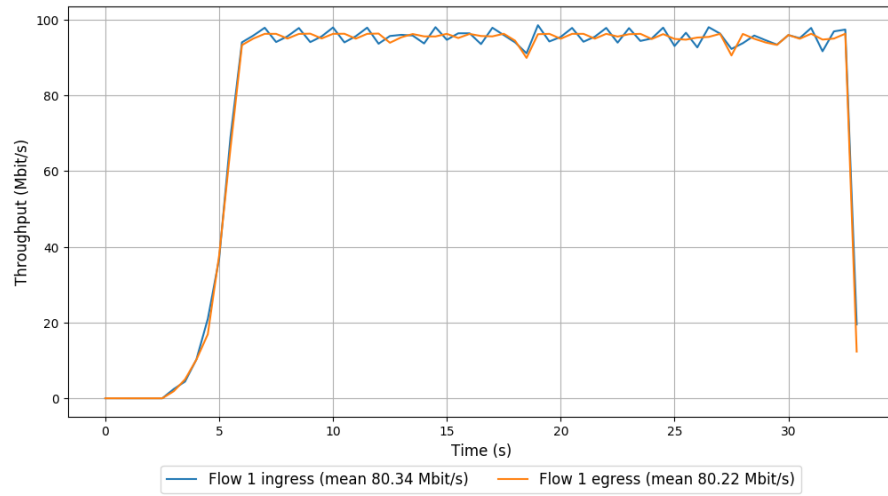
-- Flow 1:

Average throughput: 80.22 Mbit/s

95th percentile per-packet one-way delay: 47.428 ms

Loss rate: 0.40%

### Run 10: Report of CalibratedKoho — Data Link



Run 1: Statistics of Copa

Start at: Tue, 27 Jun 2017 01:38:13 +0000

End at: Tue, 27 Jun 2017 01:38:43 +0000

Local clock offset: -0.457 ms

Remote clock offset: -2.319 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:24:38 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 56.82 Mbit/s

95th percentile per-packet one-way delay: 36.091 ms

Loss rate: 0.34%

-- Flow 1:

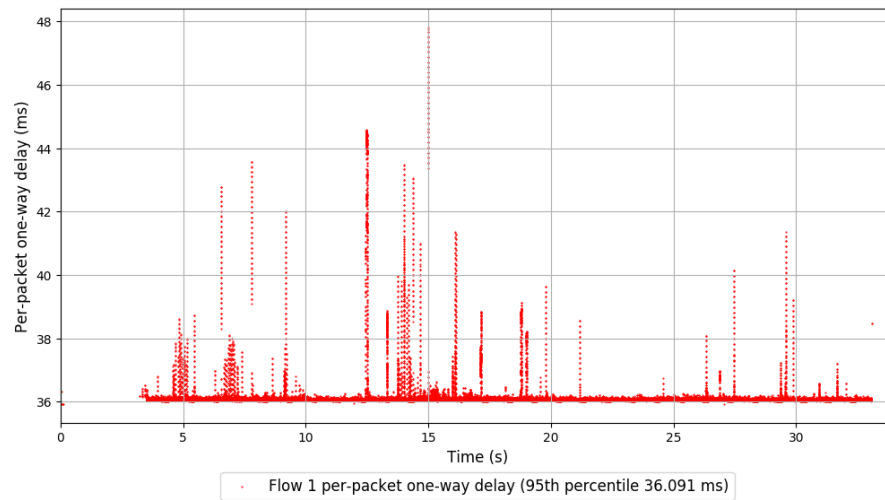
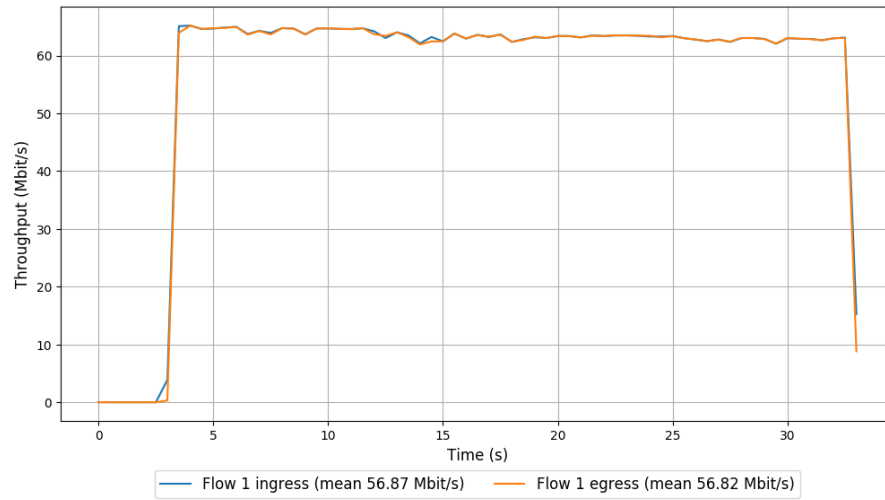
Average throughput: 56.82 Mbit/s

95th percentile per-packet one-way delay: 36.091 ms

Loss rate: 0.34%



## Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: Tue, 27 Jun 2017 01:57:54 +0000

End at: Tue, 27 Jun 2017 01:58:24 +0000

Local clock offset: -0.38 ms

Remote clock offset: -2.855 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:24:44 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 54.00 Mbit/s

95th percentile per-packet one-way delay: 36.076 ms

Loss rate: 0.30%

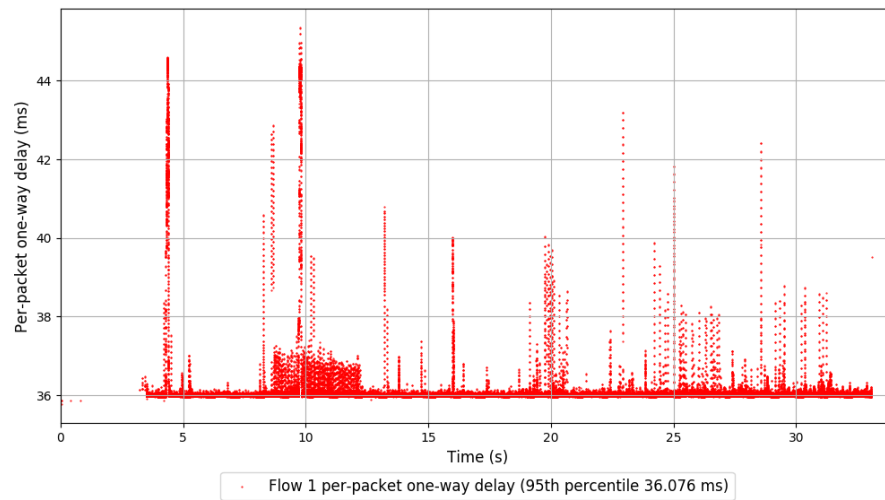
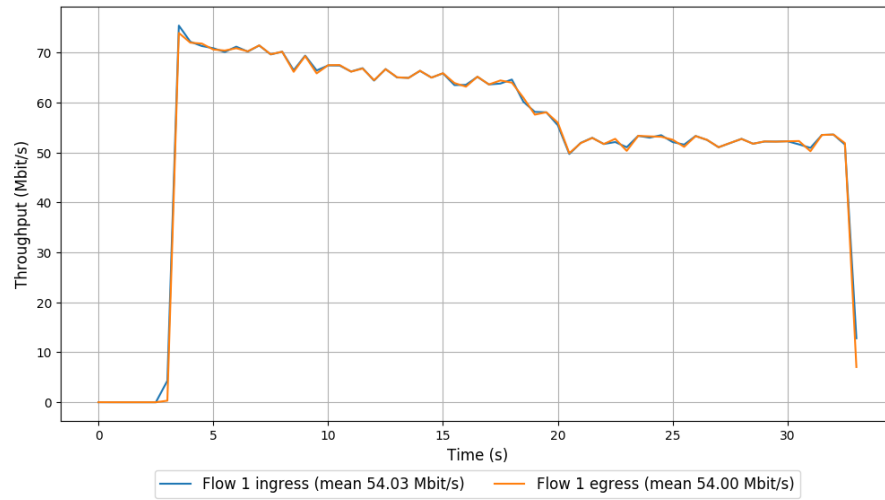
-- Flow 1:

Average throughput: 54.00 Mbit/s

95th percentile per-packet one-way delay: 36.076 ms

Loss rate: 0.30%

## Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

Start at: Tue, 27 Jun 2017 02:17:51 +0000

End at: Tue, 27 Jun 2017 02:18:21 +0000

Local clock offset: -0.333 ms

Remote clock offset: -3.256 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:24:53 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 54.37 Mbit/s

95th percentile per-packet one-way delay: 36.163 ms

Loss rate: 0.43%

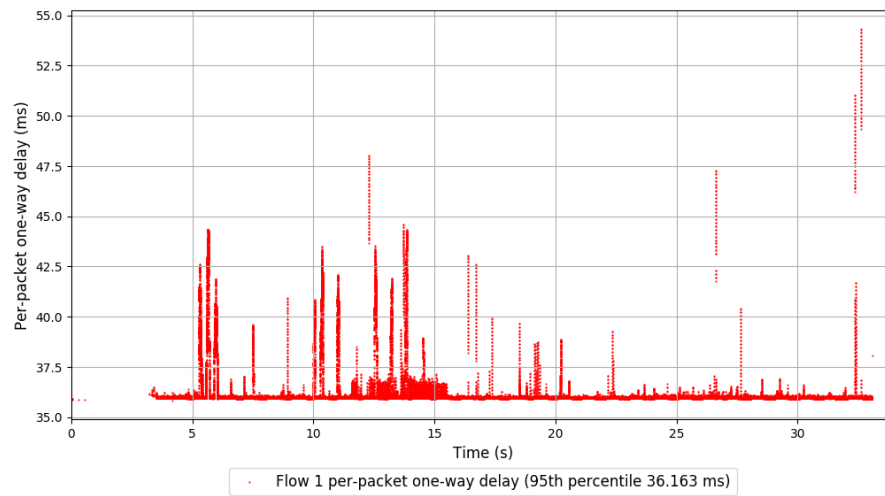
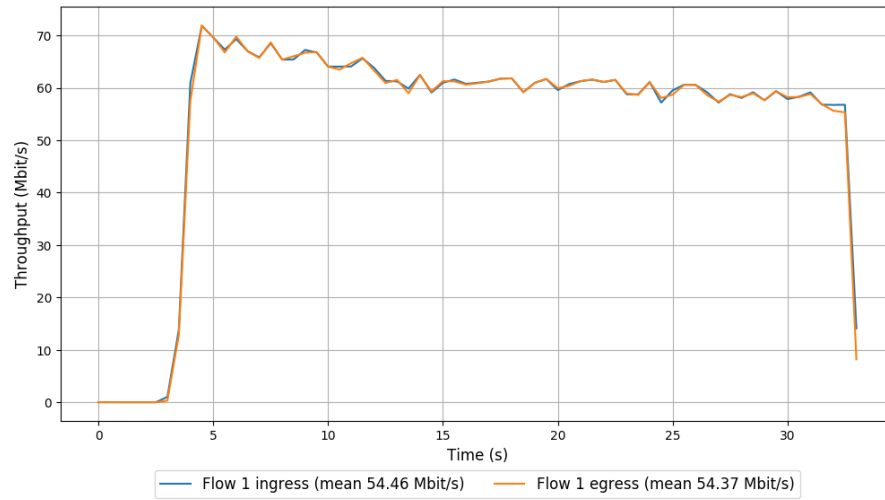
-- Flow 1:

Average throughput: 54.37 Mbit/s

95th percentile per-packet one-way delay: 36.163 ms

Loss rate: 0.43%

### Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: Tue, 27 Jun 2017 02:37:41 +0000

End at: Tue, 27 Jun 2017 02:38:11 +0000

Local clock offset: -0.125 ms

Remote clock offset: -5.268 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:25:00 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 58.68 Mbit/s

95th percentile per-packet one-way delay: 36.682 ms

Loss rate: 0.37%

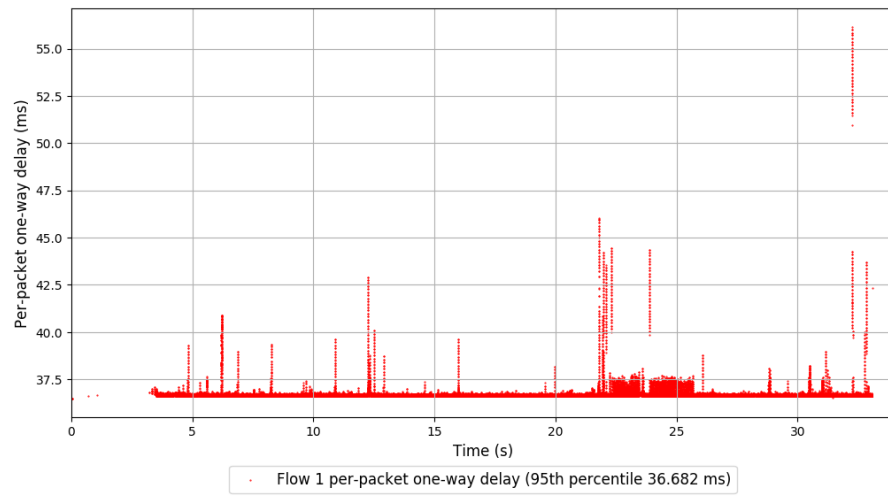
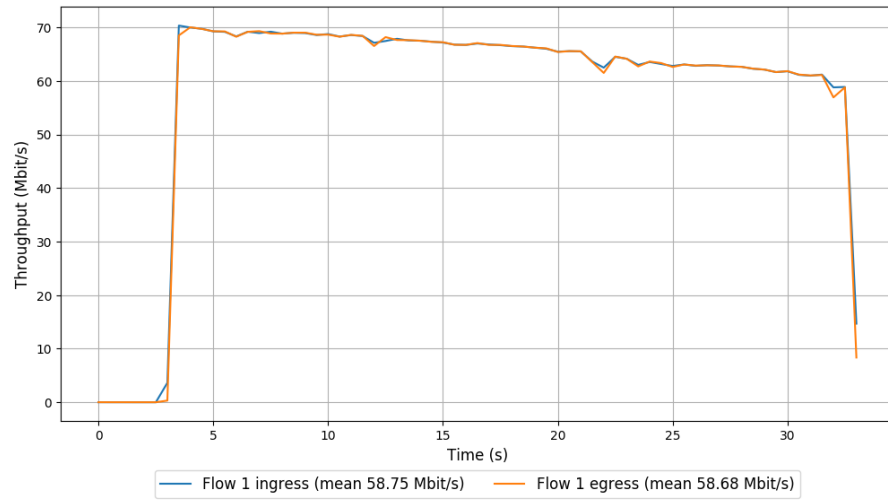
-- Flow 1:

Average throughput: 58.68 Mbit/s

95th percentile per-packet one-way delay: 36.682 ms

Loss rate: 0.37%

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



Run 5: Statistics of Copa

Start at: Tue, 27 Jun 2017 02:57:26 +0000

End at: Tue, 27 Jun 2017 02:57:56 +0000

Local clock offset: -0.058 ms

Remote clock offset: -2.985 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:25:09 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 54.96 Mbit/s

95th percentile per-packet one-way delay: 36.555 ms

Loss rate: 0.35%

-- Flow 1:

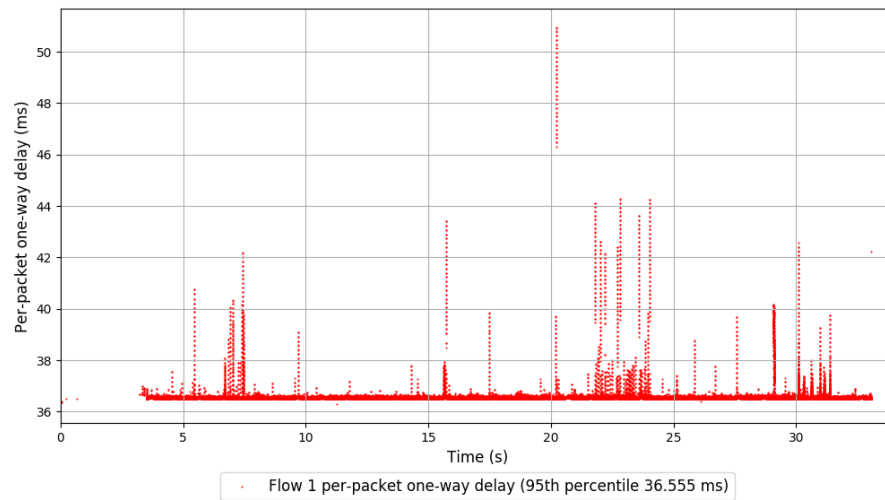
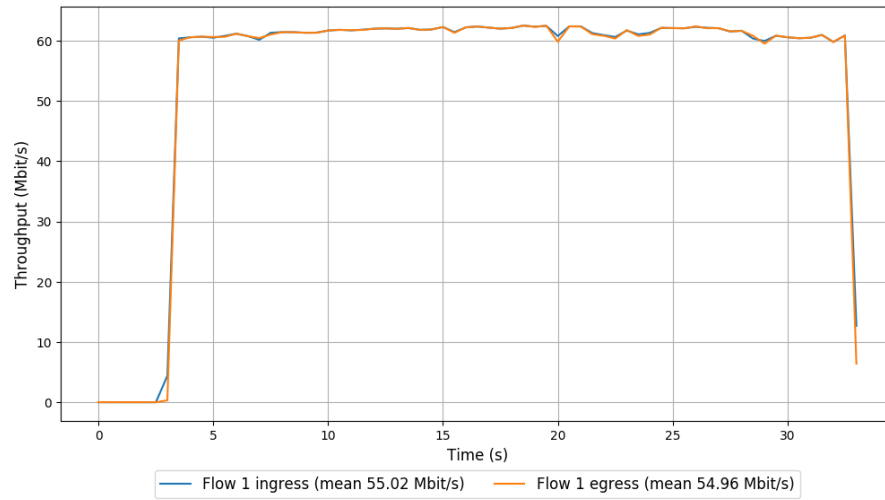
Average throughput: 54.96 Mbit/s

95th percentile per-packet one-way delay: 36.555 ms

Loss rate: 0.35%



### Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: Tue, 27 Jun 2017 03:17:12 +0000

End at: Tue, 27 Jun 2017 03:17:42 +0000

Local clock offset: -0.129 ms

Remote clock offset: -3.215 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:25:16 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 62.79 Mbit/s

95th percentile per-packet one-way delay: 36.561 ms

Loss rate: 0.54%

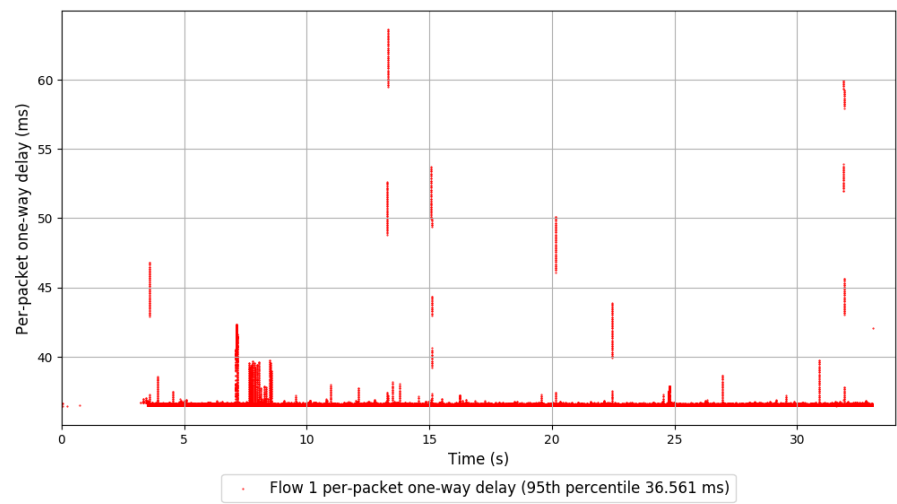
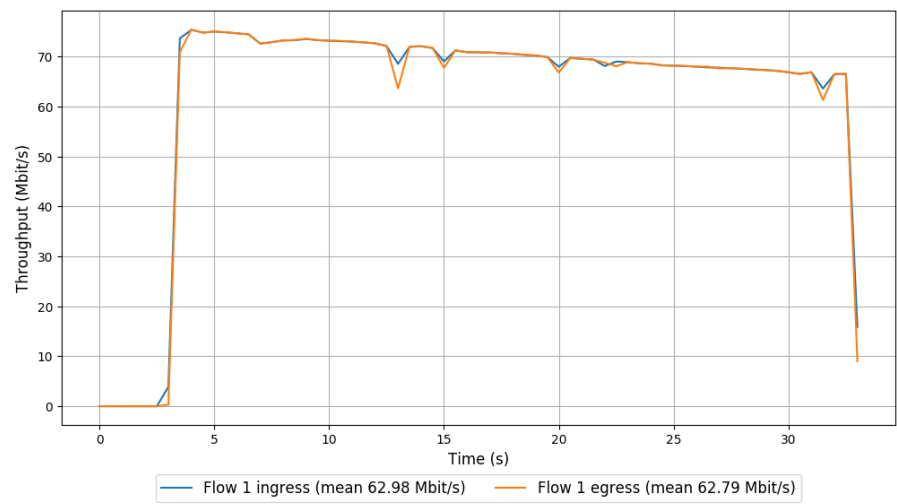
-- Flow 1:

Average throughput: 62.79 Mbit/s

95th percentile per-packet one-way delay: 36.561 ms

Loss rate: 0.54%

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

Start at: Tue, 27 Jun 2017 03:36:57 +0000

End at: Tue, 27 Jun 2017 03:37:27 +0000

Local clock offset: -0.05 ms

Remote clock offset: -2.914 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:25:25 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 52.07 Mbit/s

95th percentile per-packet one-way delay: 35.683 ms

Loss rate: 0.59%

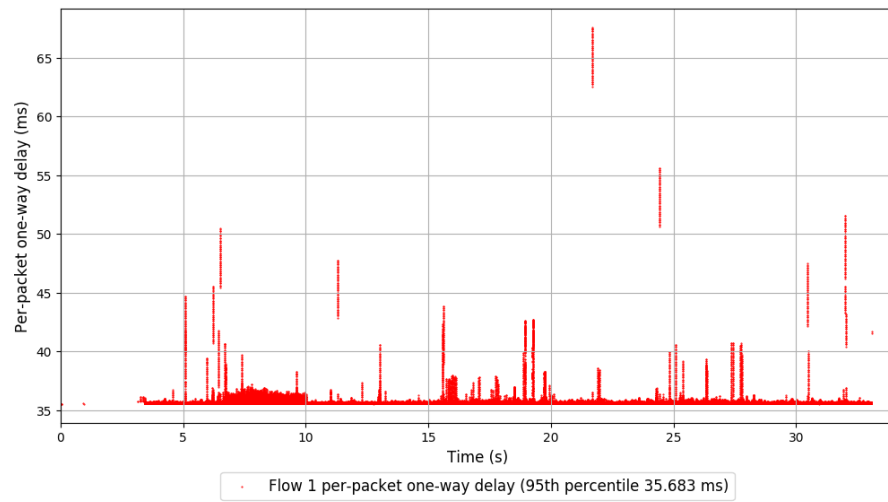
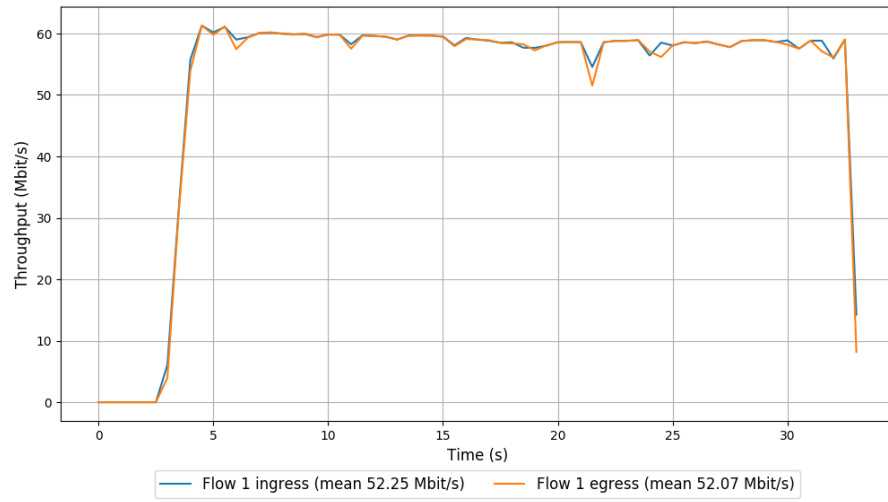
-- Flow 1:

Average throughput: 52.07 Mbit/s

95th percentile per-packet one-way delay: 35.683 ms

Loss rate: 0.59%

### Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

Start at: Tue, 27 Jun 2017 03:56:31 +0000

End at: Tue, 27 Jun 2017 03:57:01 +0000

Local clock offset: 0.028 ms

Remote clock offset: -4.88 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:25:31 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 56.77 Mbit/s

95th percentile per-packet one-way delay: 35.520 ms

Loss rate: 0.44%

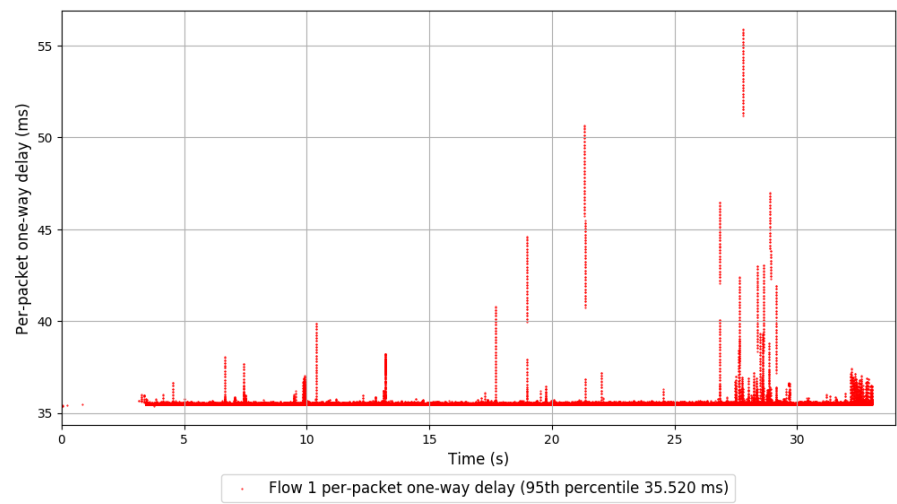
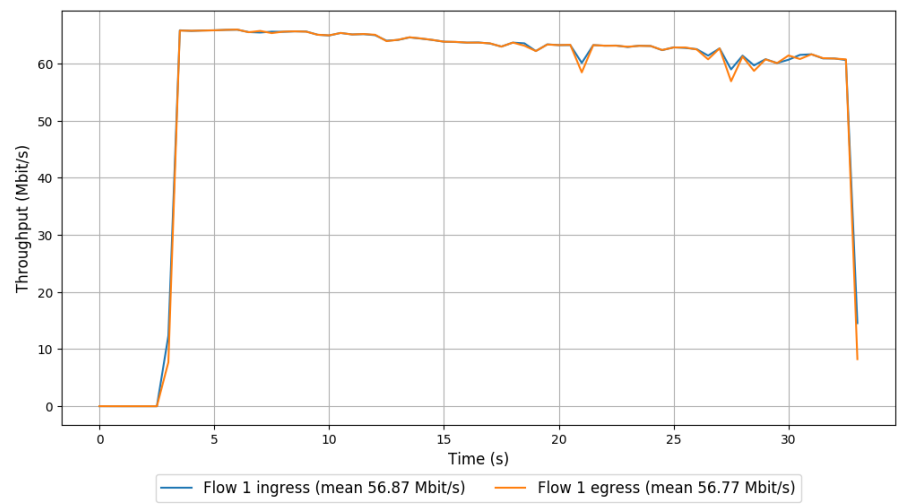
-- Flow 1:

Average throughput: 56.77 Mbit/s

95th percentile per-packet one-way delay: 35.520 ms

Loss rate: 0.44%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: Tue, 27 Jun 2017 04:16:07 +0000

End at: Tue, 27 Jun 2017 04:16:37 +0000

Local clock offset: 0.324 ms

Remote clock offset: -2.248 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:25:40 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 54.57 Mbit/s

95th percentile per-packet one-way delay: 36.252 ms

Loss rate: 0.45%

-- Flow 1:

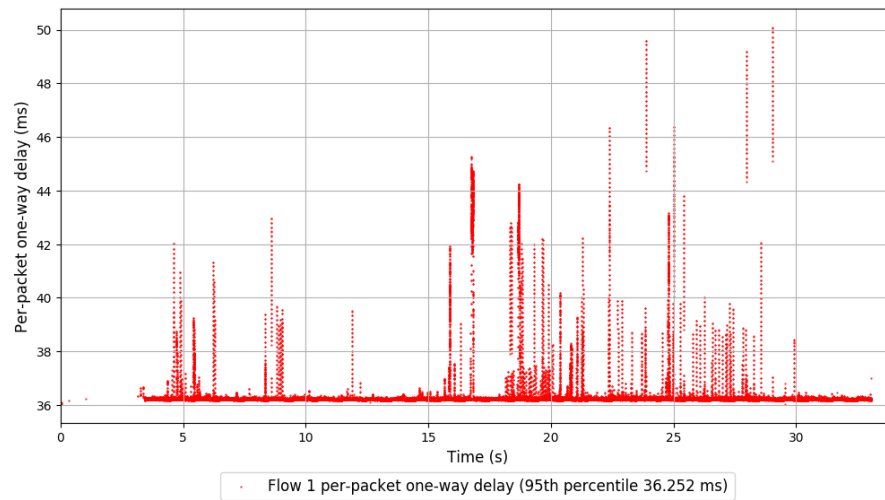
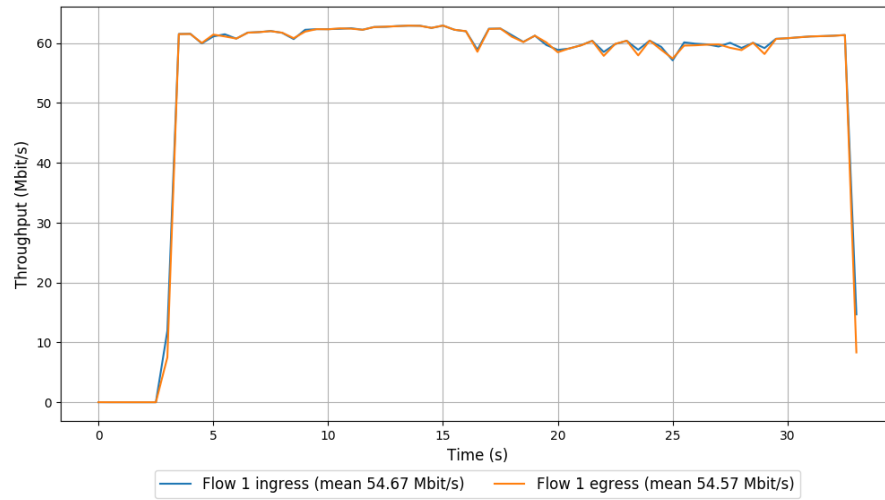
Average throughput: 54.57 Mbit/s

95th percentile per-packet one-way delay: 36.252 ms

Loss rate: 0.45%



### Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: Tue, 27 Jun 2017 04:35:45 +0000

End at: Tue, 27 Jun 2017 04:36:15 +0000

Local clock offset: 0.428 ms

Remote clock offset: -2.141 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:25:47 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 62.03 Mbit/s

95th percentile per-packet one-way delay: 36.534 ms

Loss rate: 0.56%

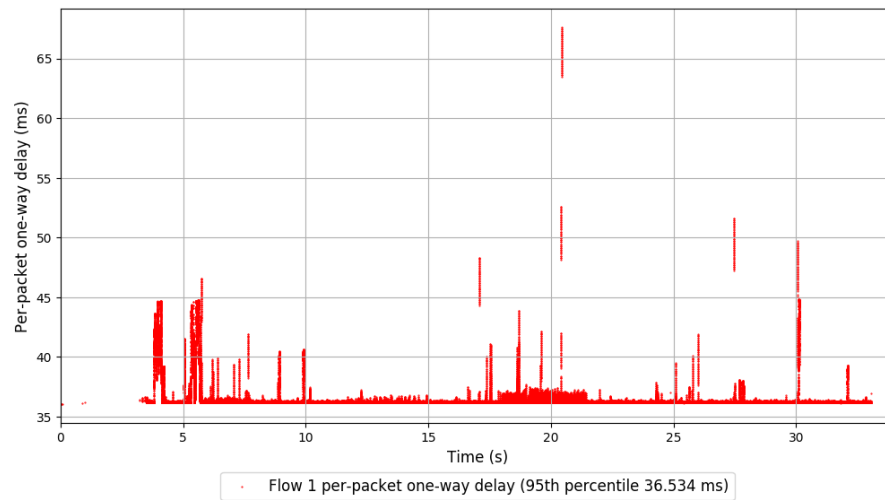
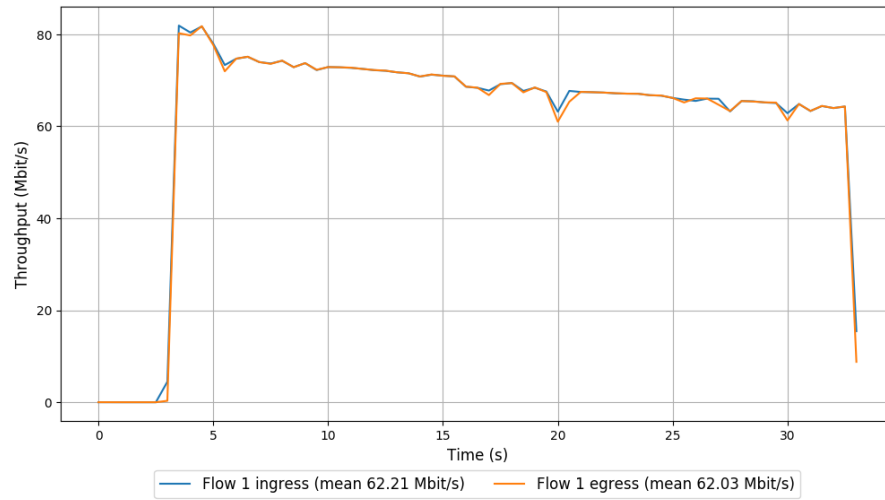
-- Flow 1:

Average throughput: 62.03 Mbit/s

95th percentile per-packet one-way delay: 36.534 ms

Loss rate: 0.56%

### Run 10: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

Start at: Tue, 27 Jun 2017 01:21:10 +0000

End at: Tue, 27 Jun 2017 01:21:40 +0000

Local clock offset: -0.39 ms

Remote clock offset: -2.681 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:25:53 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 70.18 Mbit/s

95th percentile per-packet one-way delay: 49.236 ms

Loss rate: 0.27%

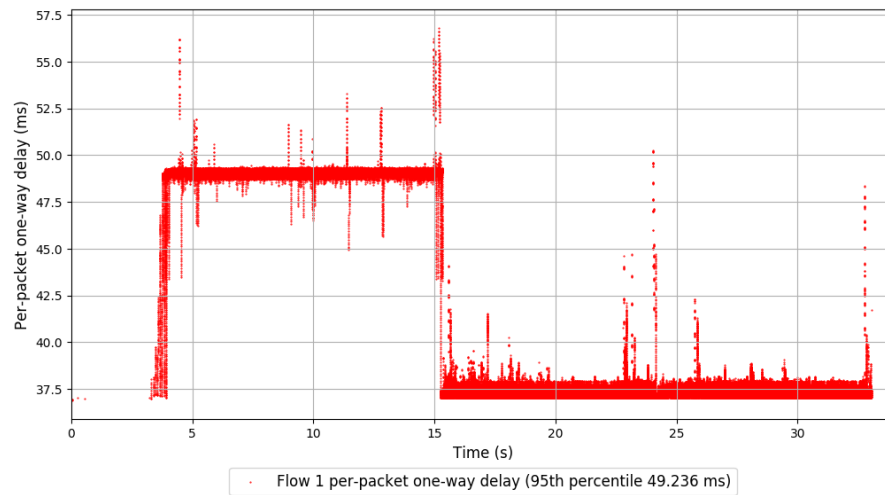
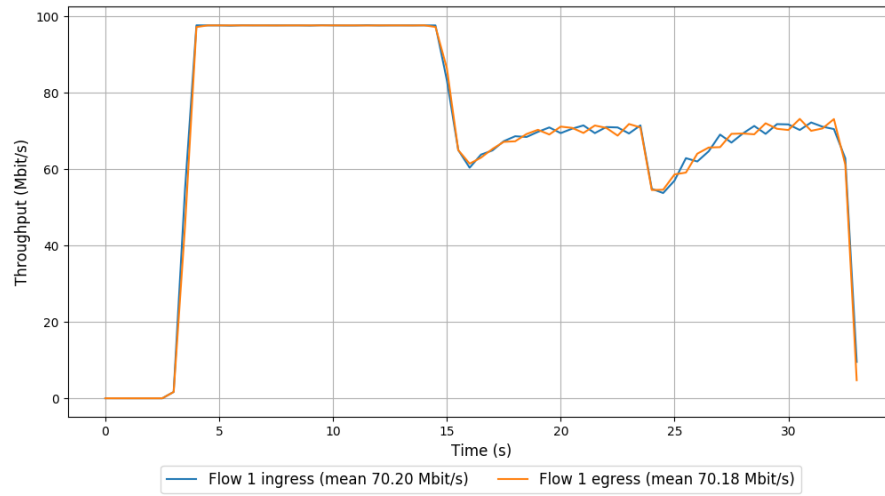
-- Flow 1:

Average throughput: 70.18 Mbit/s

95th percentile per-packet one-way delay: 49.236 ms

Loss rate: 0.27%

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



Run 2: Statistics of TCP Cubic

Start at: Tue, 27 Jun 2017 01:40:53 +0000

End at: Tue, 27 Jun 2017 01:41:24 +0000

Local clock offset: -0.344 ms

Remote clock offset: -3.144 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:25:57 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 59.06 Mbit/s

95th percentile per-packet one-way delay: 48.274 ms

Loss rate: 0.42%

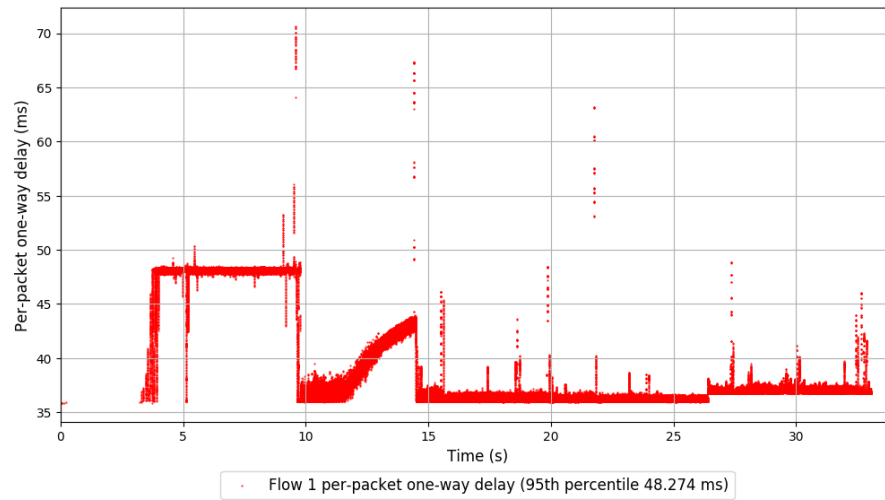
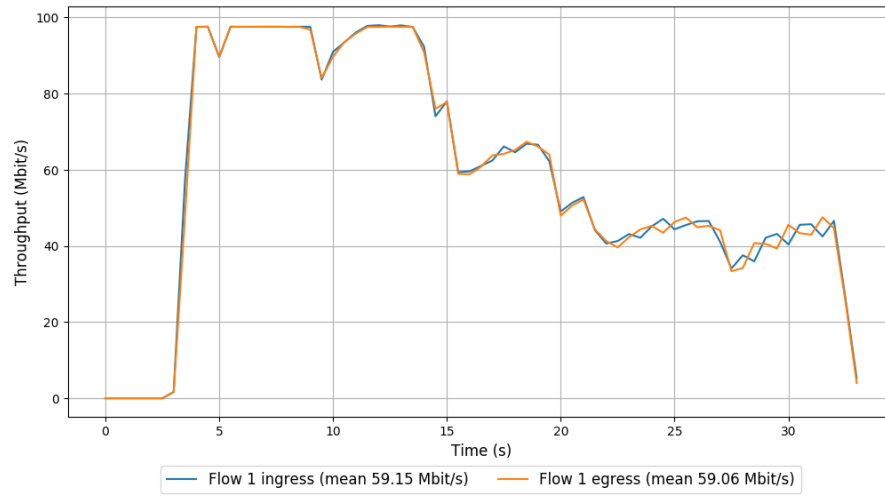
-- Flow 1:

Average throughput: 59.06 Mbit/s

95th percentile per-packet one-way delay: 48.274 ms

Loss rate: 0.42%

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



Run 3: Statistics of TCP Cubic

Start at: Tue, 27 Jun 2017 02:00:34 +0000

End at: Tue, 27 Jun 2017 02:01:04 +0000

Local clock offset: -0.47 ms

Remote clock offset: -2.791 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:26:02 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 59.79 Mbit/s

95th percentile per-packet one-way delay: 48.998 ms

Loss rate: 0.46%

-- Flow 1:

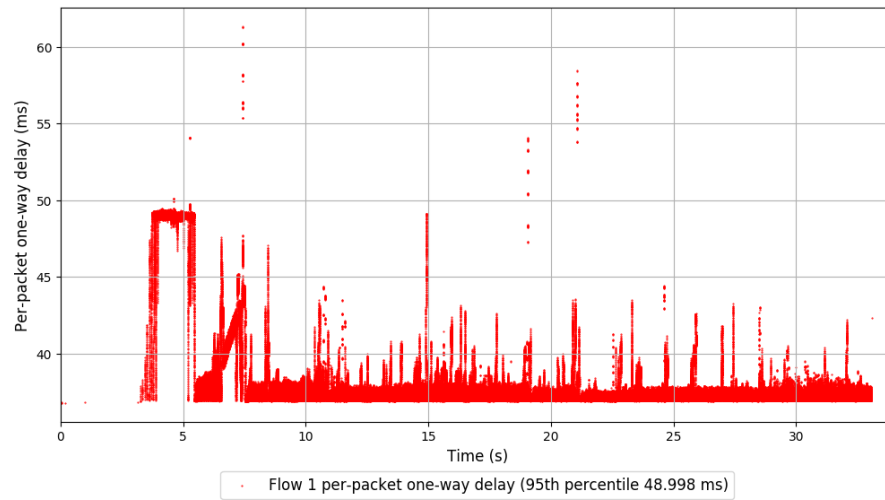
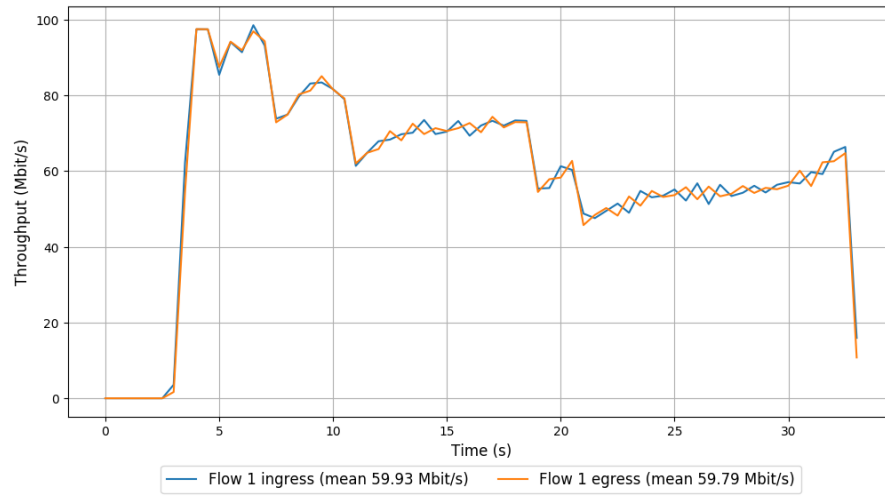
Average throughput: 59.79 Mbit/s

95th percentile per-packet one-way delay: 48.998 ms

Loss rate: 0.46%



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



Run 4: Statistics of TCP Cubic

Start at: Tue, 27 Jun 2017 02:20:31 +0000

End at: Tue, 27 Jun 2017 02:21:01 +0000

Local clock offset: -0.329 ms

Remote clock offset: -2.355 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:26:10 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 75.26 Mbit/s

95th percentile per-packet one-way delay: 48.050 ms

Loss rate: 0.27%

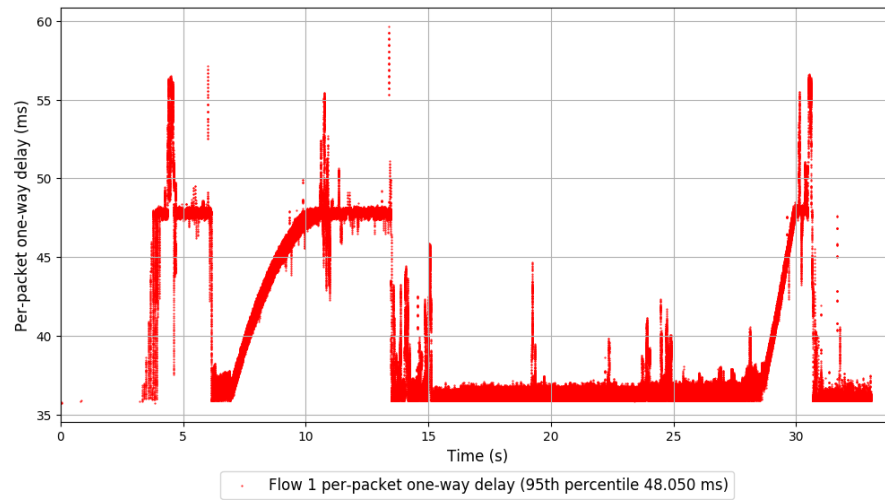
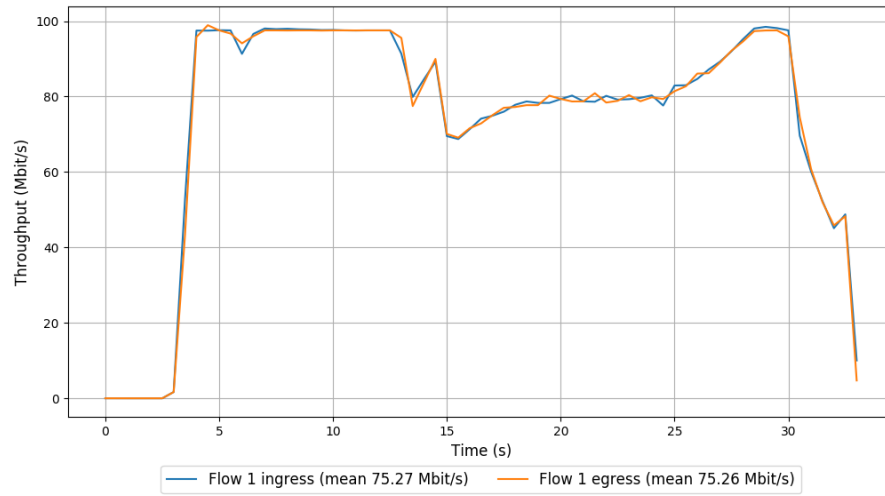
-- Flow 1:

Average throughput: 75.26 Mbit/s

95th percentile per-packet one-way delay: 48.050 ms

Loss rate: 0.27%

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



Run 5: Statistics of TCP Cubic

Start at: Tue, 27 Jun 2017 02:40:23 +0000

End at: Tue, 27 Jun 2017 02:40:53 +0000

Local clock offset: -0.216 ms

Remote clock offset: -3.316 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:26:10 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 44.24 Mbit/s

95th percentile per-packet one-way delay: 37.775 ms

Loss rate: 0.54%

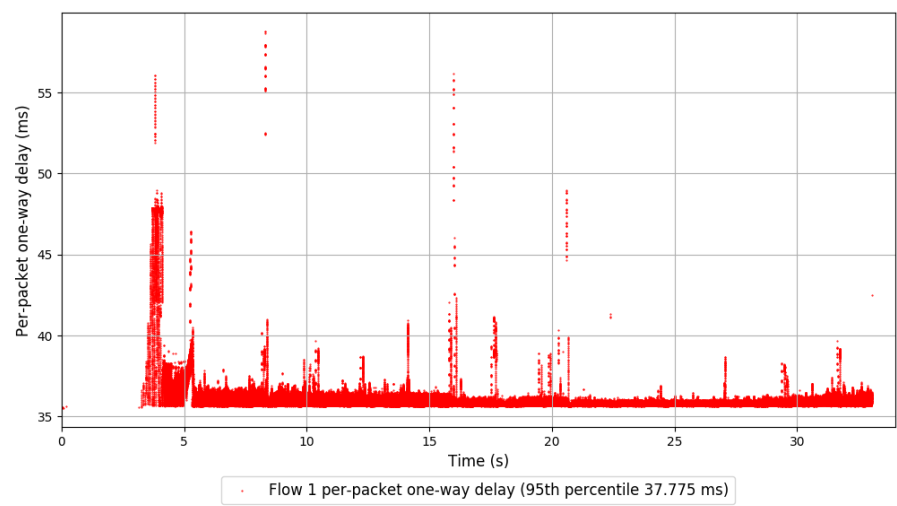
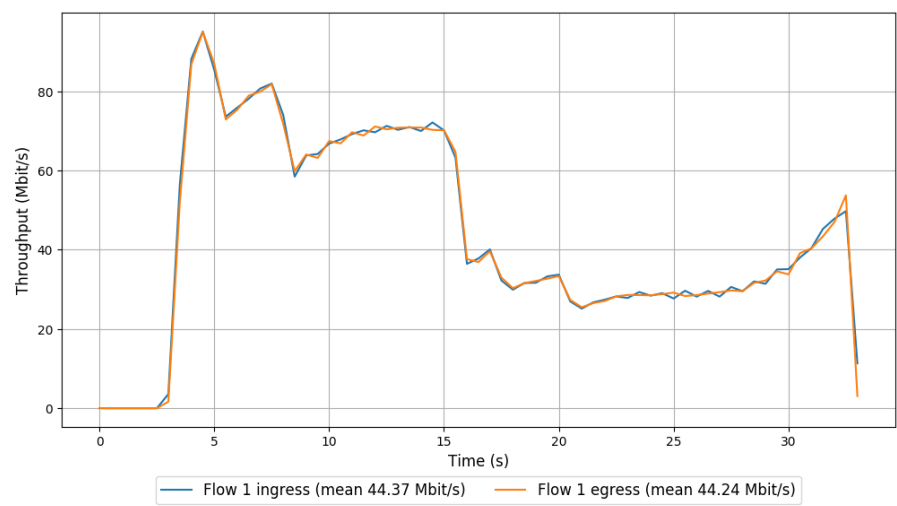
-- Flow 1:

Average throughput: 44.24 Mbit/s

95th percentile per-packet one-way delay: 37.775 ms

Loss rate: 0.54%

Run 5: Report of TCP Cubic — Data Link



Run 6: Statistics of TCP Cubic

Start at: Tue, 27 Jun 2017 03:00:06 +0000

End at: Tue, 27 Jun 2017 03:00:36 +0000

Local clock offset: -0.189 ms

Remote clock offset: -2.542 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:26:22 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 84.28 Mbit/s

95th percentile per-packet one-way delay: 48.697 ms

Loss rate: 0.28%

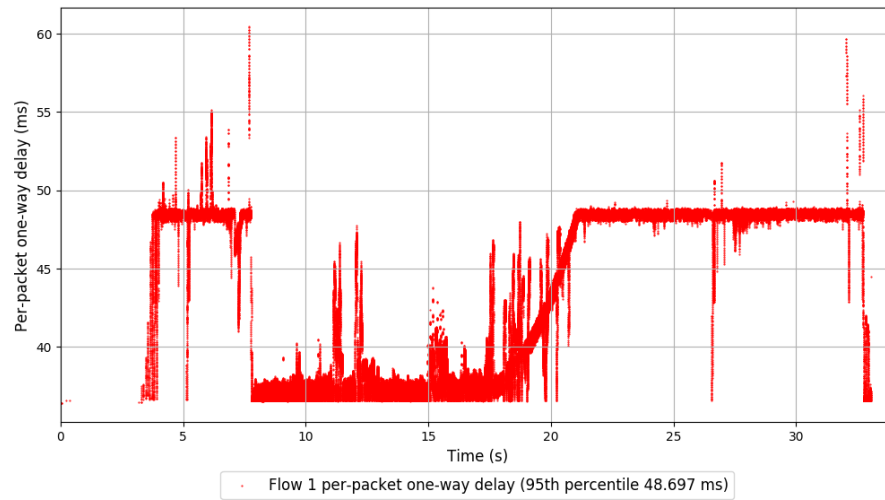
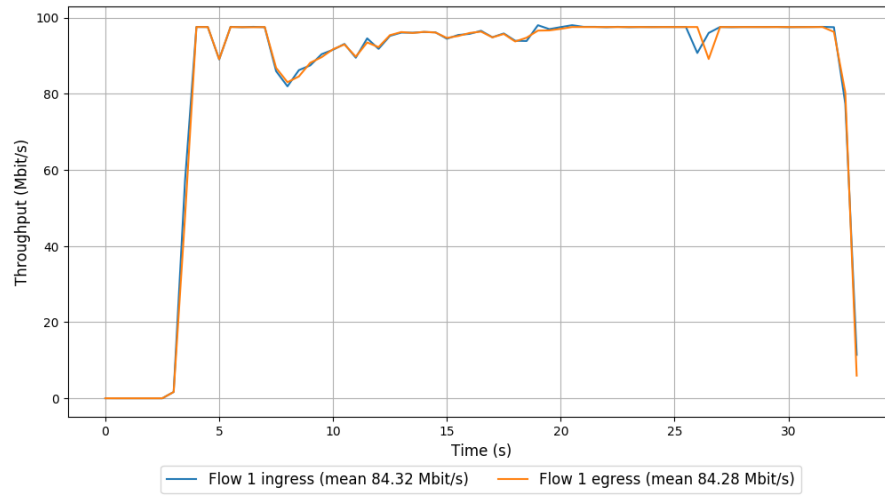
-- Flow 1:

Average throughput: 84.28 Mbit/s

95th percentile per-packet one-way delay: 48.697 ms

Loss rate: 0.28%

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



Run 7: Statistics of TCP Cubic

Start at: Tue, 27 Jun 2017 03:19:53 +0000

End at: Tue, 27 Jun 2017 03:20:23 +0000

Local clock offset: -0.156 ms

Remote clock offset: -4.92 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:26:22 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 68.29 Mbit/s

95th percentile per-packet one-way delay: 48.644 ms

Loss rate: 0.46%

-- Flow 1:

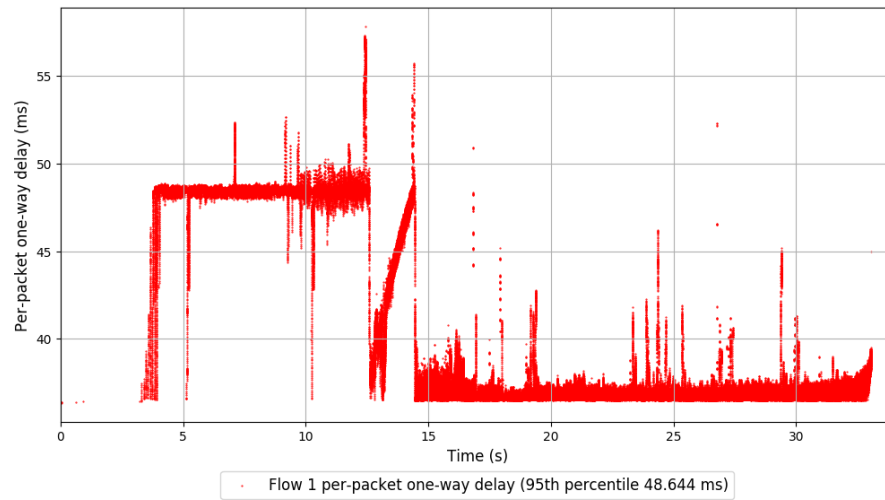
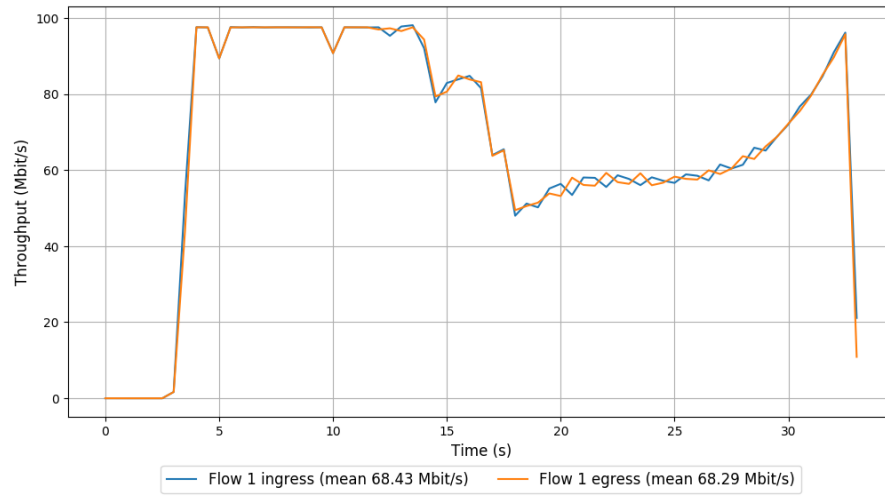
Average throughput: 68.29 Mbit/s

95th percentile per-packet one-way delay: 48.644 ms

Loss rate: 0.46%



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



Run 8: Statistics of TCP Cubic

Start at: Tue, 27 Jun 2017 03:39:35 +0000

End at: Tue, 27 Jun 2017 03:40:05 +0000

Local clock offset: -0.034 ms

Remote clock offset: -2.91 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:26:33 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 77.82 Mbit/s

95th percentile per-packet one-way delay: 48.732 ms

Loss rate: 0.31%

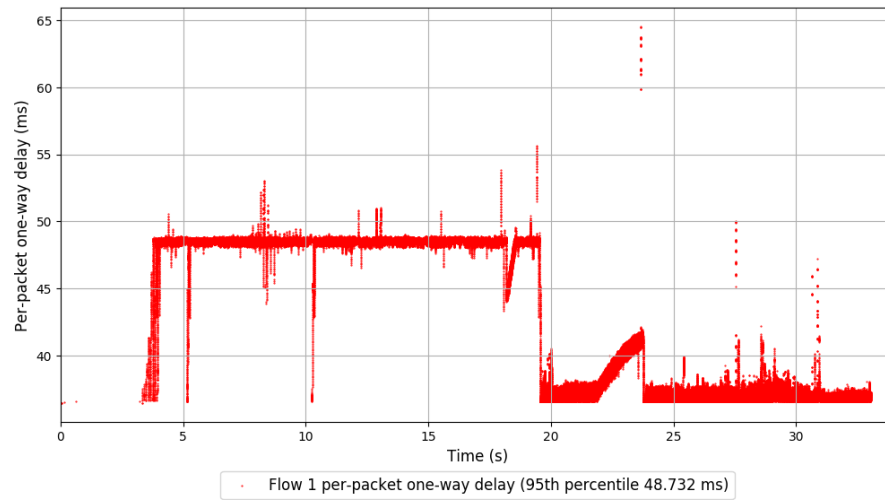
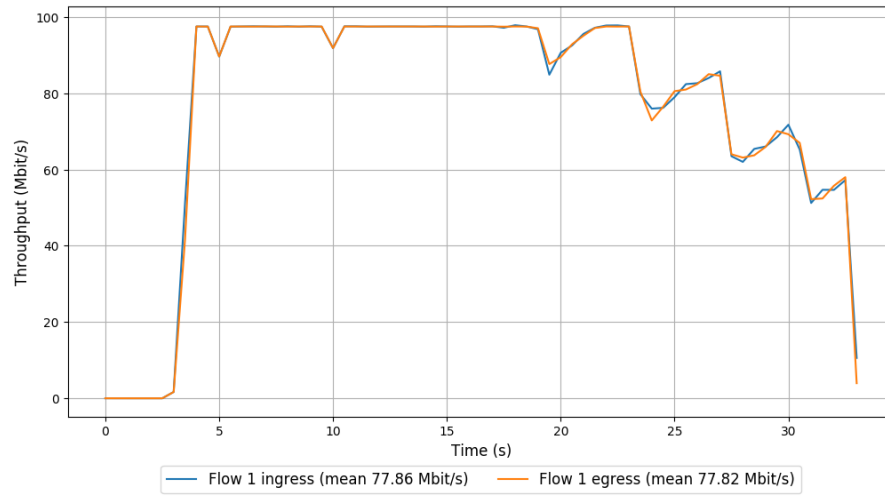
-- Flow 1:

Average throughput: 77.82 Mbit/s

95th percentile per-packet one-way delay: 48.732 ms

Loss rate: 0.31%

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



Run 9: Statistics of TCP Cubic

Start at: Tue, 27 Jun 2017 03:59:09 +0000

End at: Tue, 27 Jun 2017 03:59:39 +0000

Local clock offset: 0.083 ms

Remote clock offset: -4.89 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:26:33 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 57.62 Mbit/s

95th percentile per-packet one-way delay: 40.333 ms

Loss rate: 0.39%

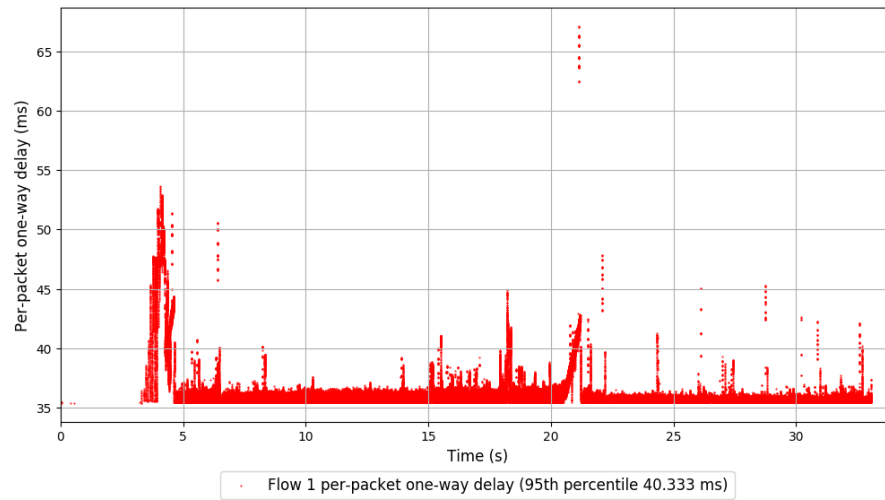
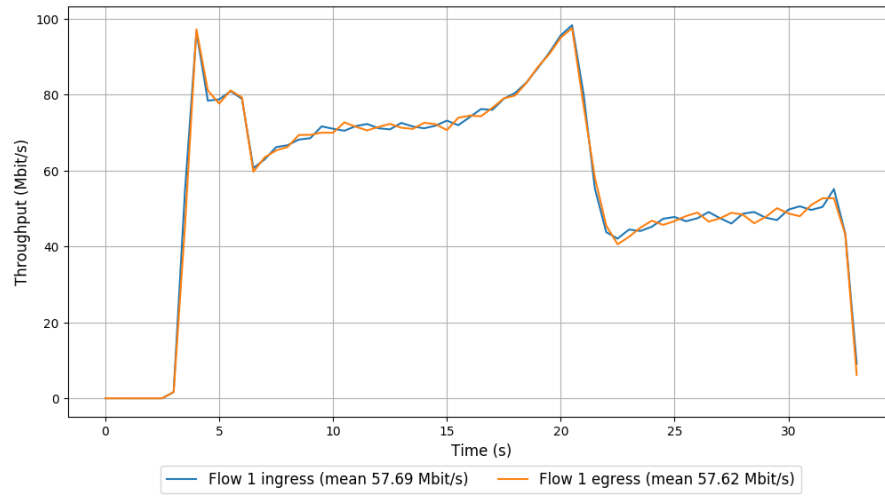
-- Flow 1:

Average throughput: 57.62 Mbit/s

95th percentile per-packet one-way delay: 40.333 ms

Loss rate: 0.39%

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



Run 10: Statistics of TCP Cubic

Start at: Tue, 27 Jun 2017 04:18:45 +0000

End at: Tue, 27 Jun 2017 04:19:15 +0000

Local clock offset: 0.426 ms

Remote clock offset: -2.785 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:26:39 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 46.11 Mbit/s

95th percentile per-packet one-way delay: 47.476 ms

Loss rate: 0.37%

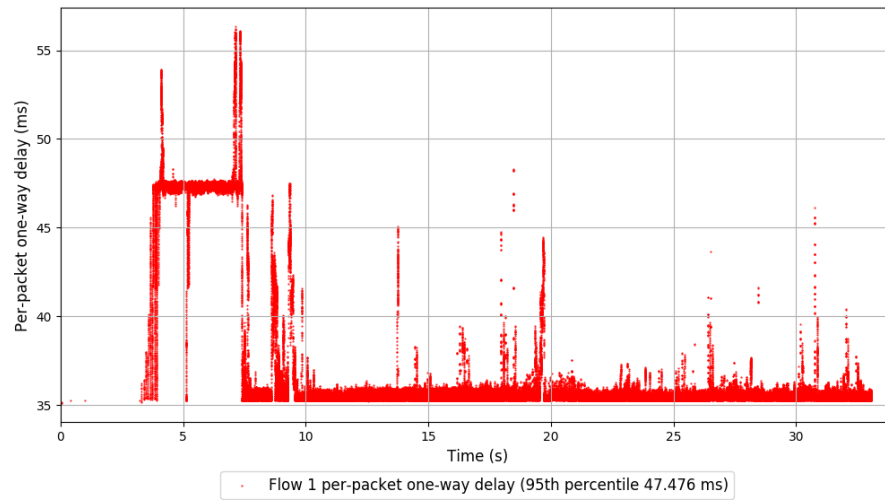
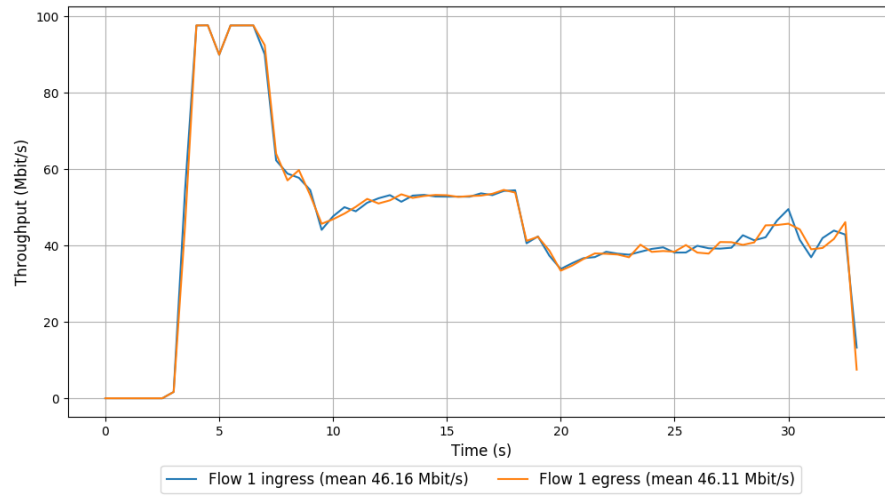
-- Flow 1:

Average throughput: 46.11 Mbit/s

95th percentile per-packet one-way delay: 47.476 ms

Loss rate: 0.37%

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



Run 1: Statistics of KohoCC

Start at: Tue, 27 Jun 2017 01:25:09 +0000

End at: Tue, 27 Jun 2017 01:25:40 +0000

Local clock offset: -0.34 ms

Remote clock offset: -2.161 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:26:39 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 12.10 Mbit/s

95th percentile per-packet one-way delay: 37.336 ms

Loss rate: 0.48%

-- Flow 1:

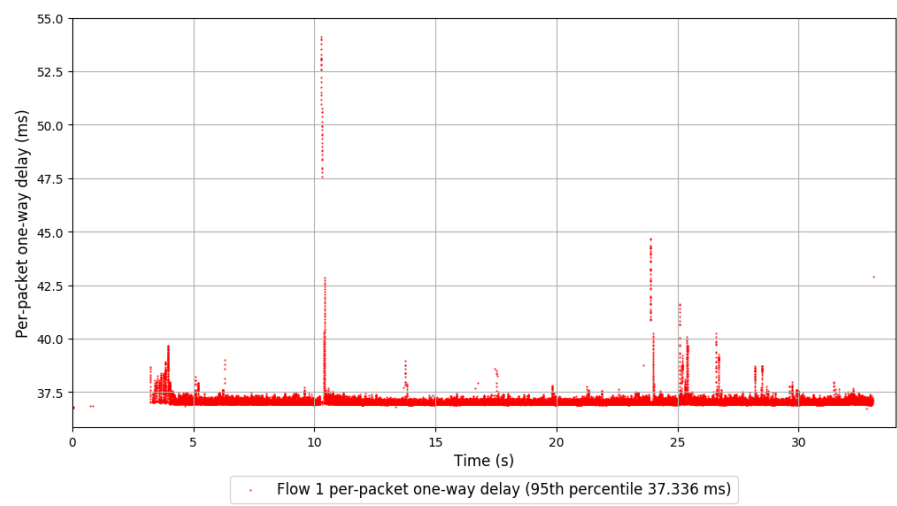
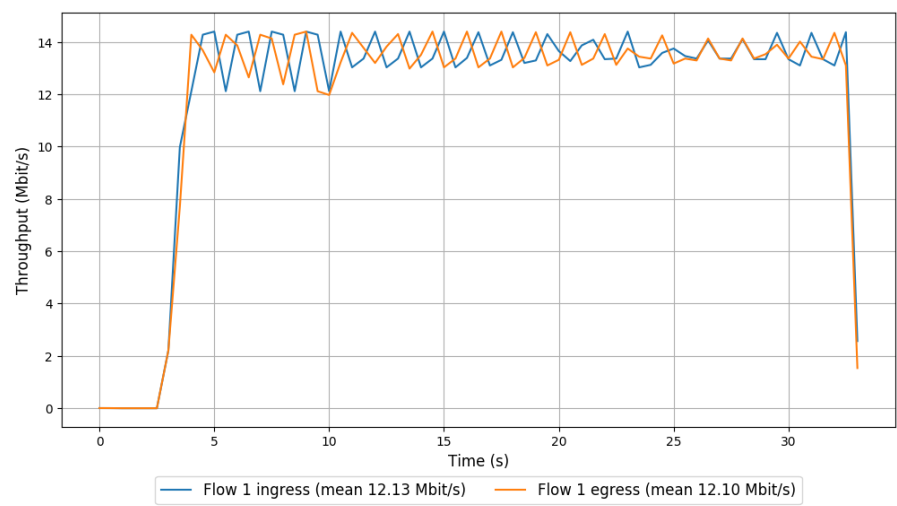
Average throughput: 12.10 Mbit/s

95th percentile per-packet one-way delay: 37.336 ms

Loss rate: 0.48%



Run 1: Report of KohoCC — Data Link



Run 2: Statistics of KohoCC

Start at: Tue, 27 Jun 2017 01:44:51 +0000

End at: Tue, 27 Jun 2017 01:45:21 +0000

Local clock offset: -0.467 ms

Remote clock offset: -4.967 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:26:39 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 12.17 Mbit/s

95th percentile per-packet one-way delay: 36.936 ms

Loss rate: 0.33%

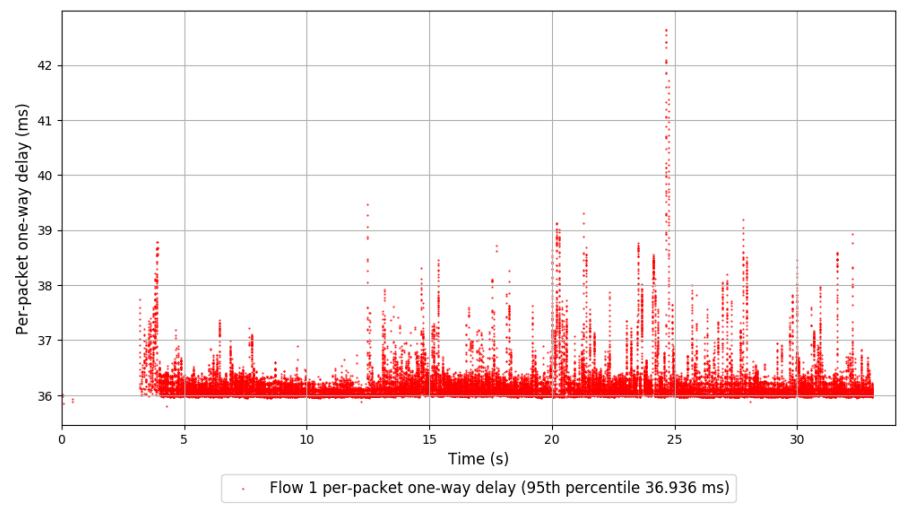
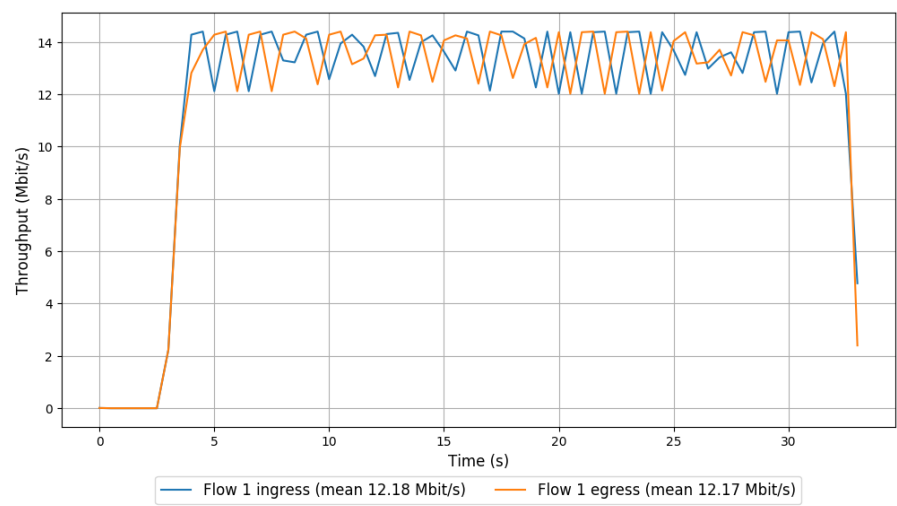
-- Flow 1:

Average throughput: 12.17 Mbit/s

95th percentile per-packet one-way delay: 36.936 ms

Loss rate: 0.33%

Run 2: Report of KohoCC — Data Link



Run 3: Statistics of KohoCC

Start at: Tue, 27 Jun 2017 02:04:43 +0000

End at: Tue, 27 Jun 2017 02:05:13 +0000

Local clock offset: -0.479 ms

Remote clock offset: -2.351 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:26:41 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 12.21 Mbit/s

95th percentile per-packet one-way delay: 37.001 ms

Loss rate: 0.30%

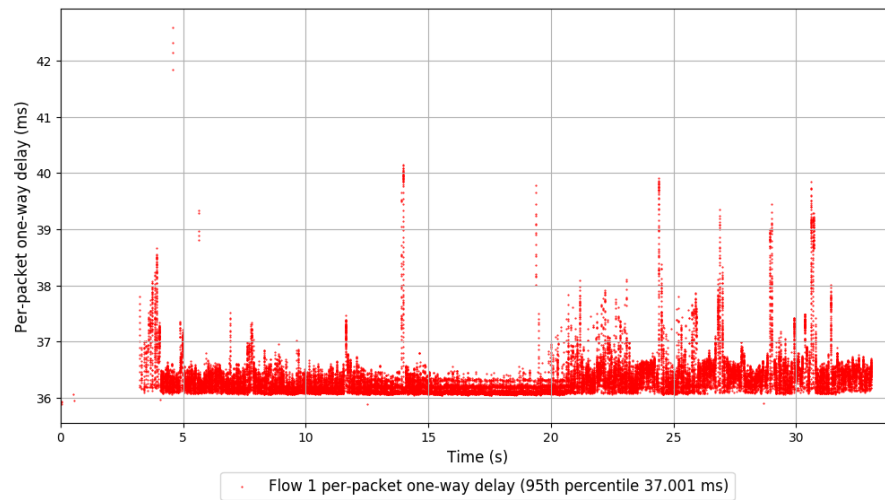
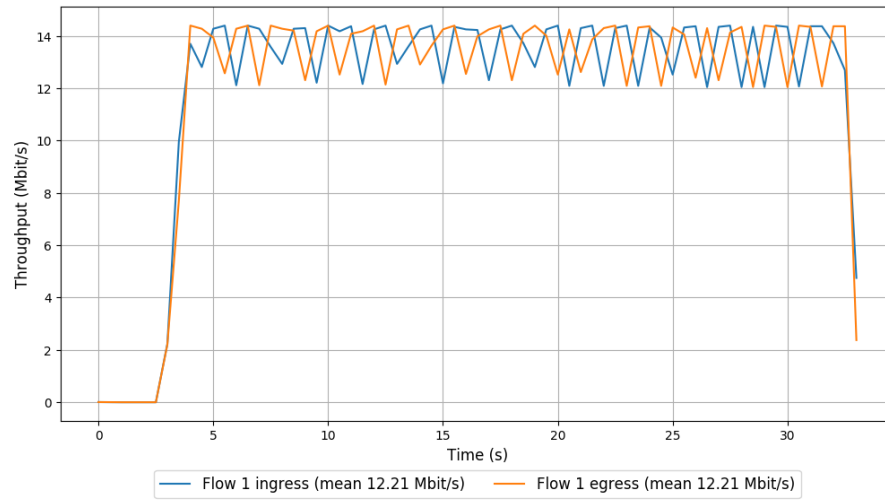
-- Flow 1:

Average throughput: 12.21 Mbit/s

95th percentile per-packet one-way delay: 37.001 ms

Loss rate: 0.30%

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



Run 4: Statistics of KohoCC

Start at: Tue, 27 Jun 2017 02:24:32 +0000

End at: Tue, 27 Jun 2017 02:25:02 +0000

Local clock offset: -0.37 ms

Remote clock offset: -4.942 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:26:42 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 12.13 Mbit/s

95th percentile per-packet one-way delay: 37.403 ms

Loss rate: 0.40%

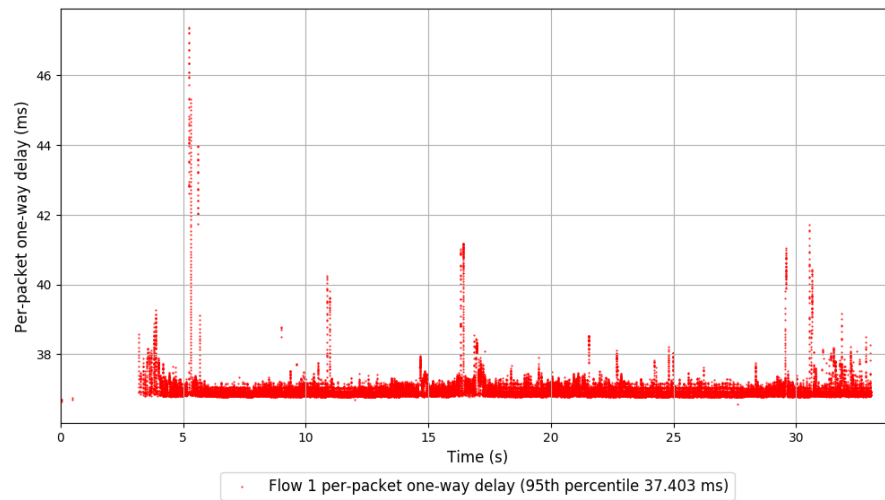
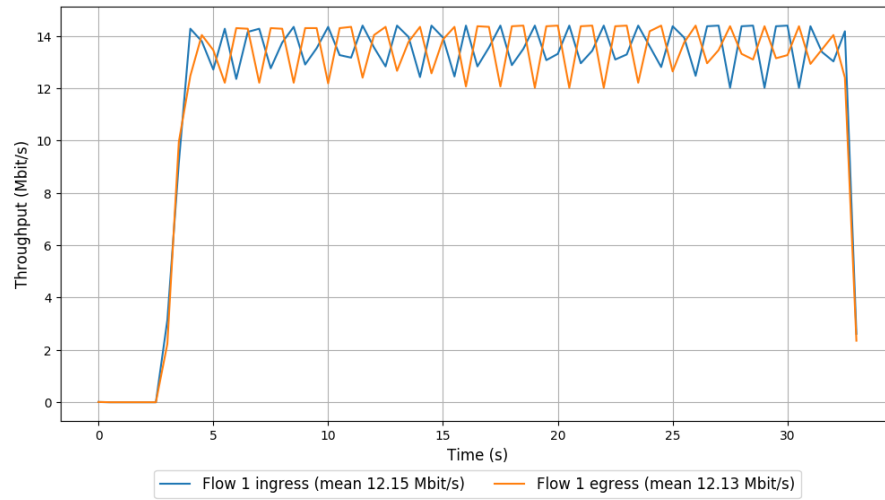
-- Flow 1:

Average throughput: 12.13 Mbit/s

95th percentile per-packet one-way delay: 37.403 ms

Loss rate: 0.40%

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



Run 5: Statistics of KohoCC

Start at: Tue, 27 Jun 2017 02:44:22 +0000

End at: Tue, 27 Jun 2017 02:44:52 +0000

Local clock offset: -0.087 ms

Remote clock offset: -2.345 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:26:44 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 12.12 Mbit/s

95th percentile per-packet one-way delay: 37.308 ms

Loss rate: 0.30%

-- Flow 1:

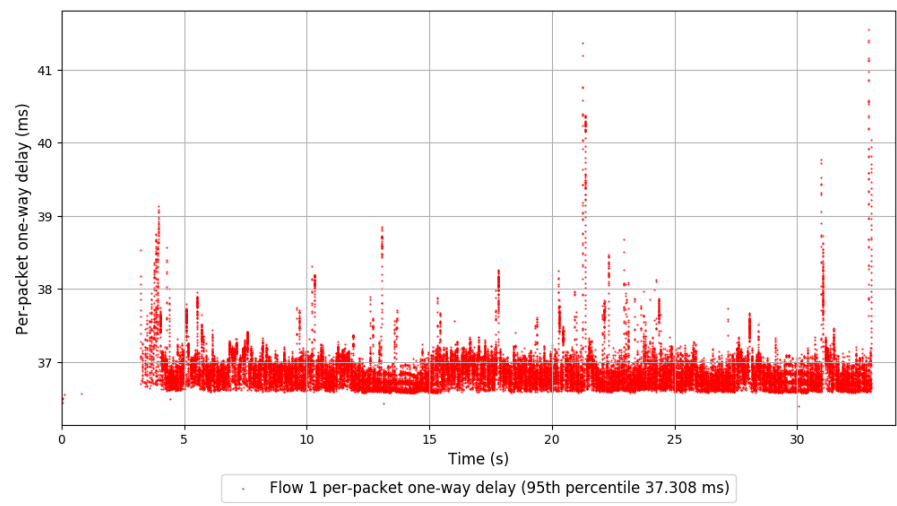
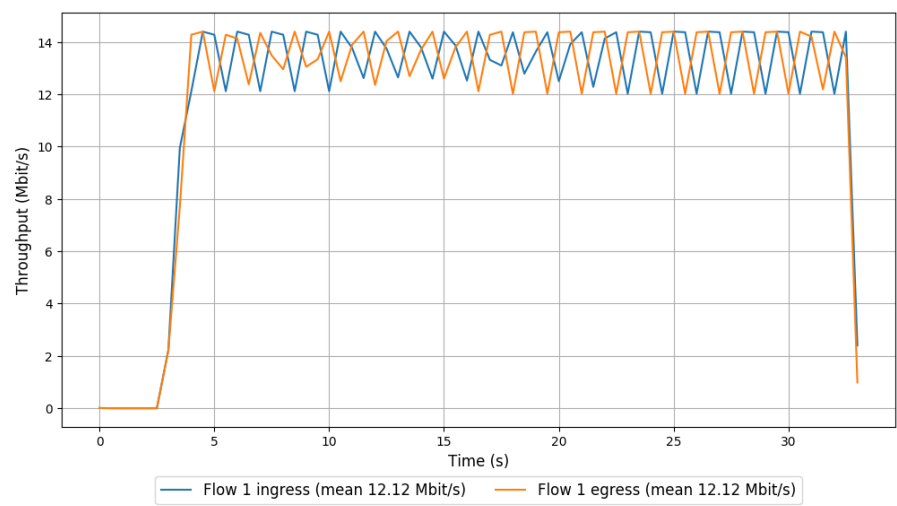
Average throughput: 12.12 Mbit/s

95th percentile per-packet one-way delay: 37.308 ms

Loss rate: 0.30%



Run 5: Report of KohoCC — Data Link



Run 6: Statistics of KohoCC

Start at: Tue, 27 Jun 2017 03:04:07 +0000

End at: Tue, 27 Jun 2017 03:04:37 +0000

Local clock offset: -0.062 ms

Remote clock offset: -2.886 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:26:45 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 12.13 Mbit/s

95th percentile per-packet one-way delay: 37.015 ms

Loss rate: 0.35%

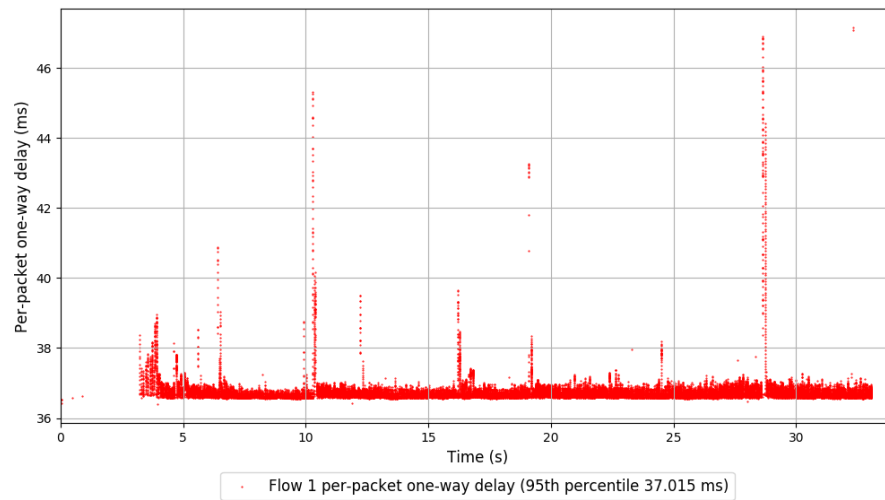
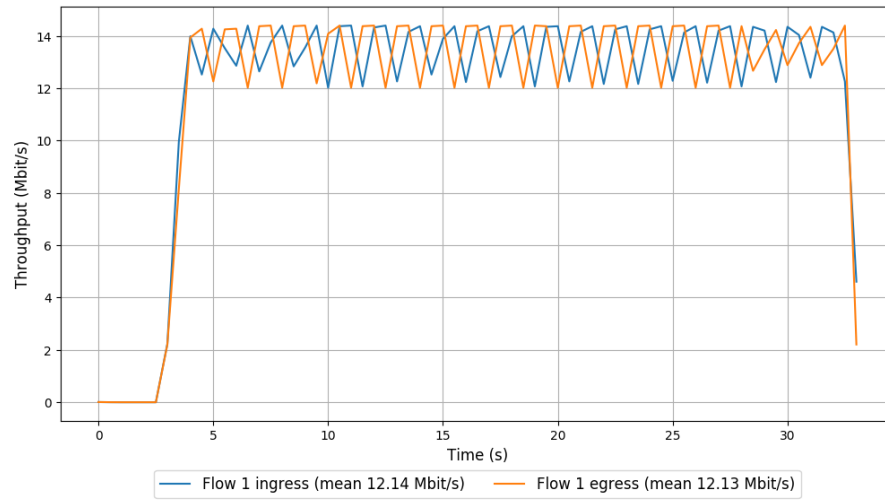
-- Flow 1:

Average throughput: 12.13 Mbit/s

95th percentile per-packet one-way delay: 37.015 ms

Loss rate: 0.35%

## Run 6: Report of KohoCC — Data Link



Run 7: Statistics of KohoCC

Start at: Tue, 27 Jun 2017 03:23:53 +0000

End at: Tue, 27 Jun 2017 03:24:23 +0000

Local clock offset: -0.082 ms

Remote clock offset: -3.231 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:26:46 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 12.21 Mbit/s

95th percentile per-packet one-way delay: 36.486 ms

Loss rate: 0.29%

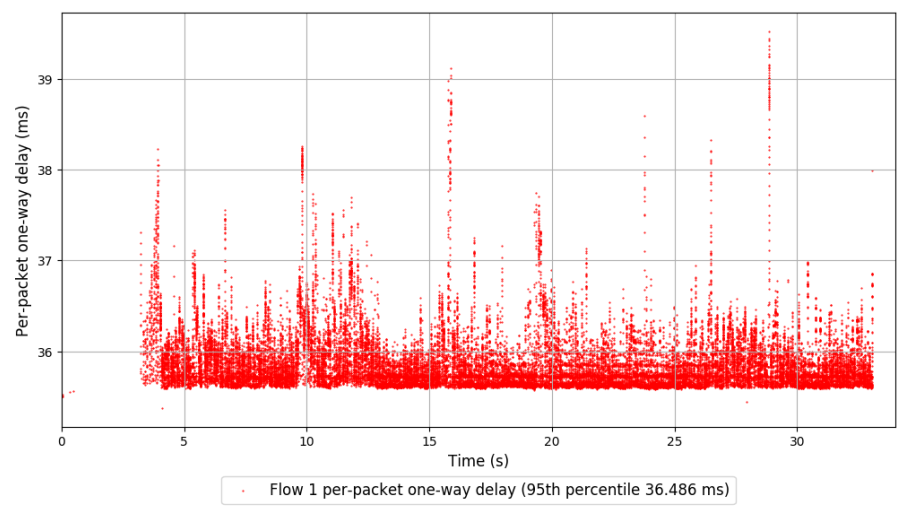
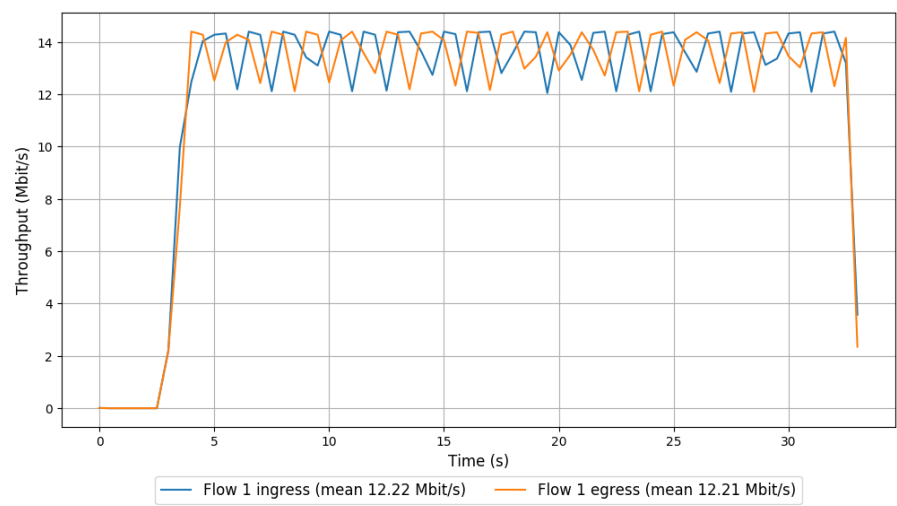
-- Flow 1:

Average throughput: 12.21 Mbit/s

95th percentile per-packet one-way delay: 36.486 ms

Loss rate: 0.29%

Run 7: Report of KohoCC — Data Link



Run 8: Statistics of KohoCC

Start at: Tue, 27 Jun 2017 03:43:36 +0000

End at: Tue, 27 Jun 2017 03:44:06 +0000

Local clock offset: -0.092 ms

Remote clock offset: -5.351 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:26:48 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 12.10 Mbit/s

95th percentile per-packet one-way delay: 37.259 ms

Loss rate: 0.37%

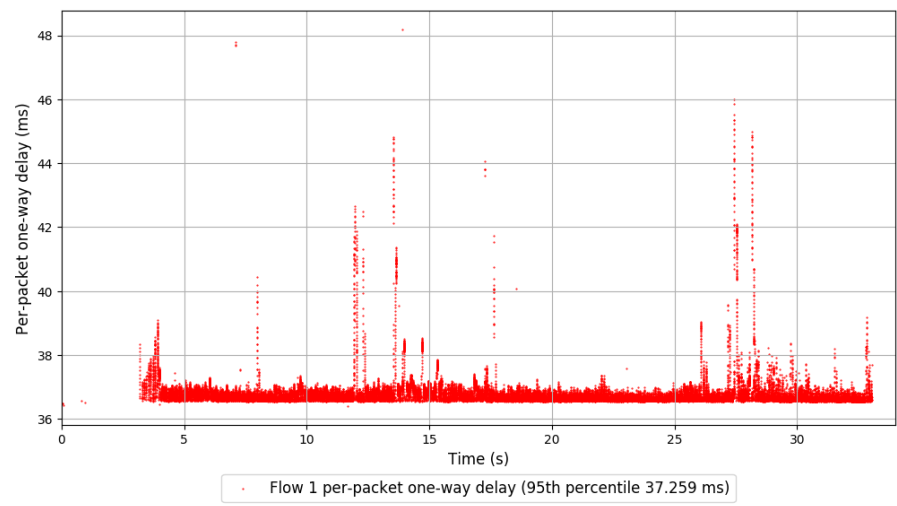
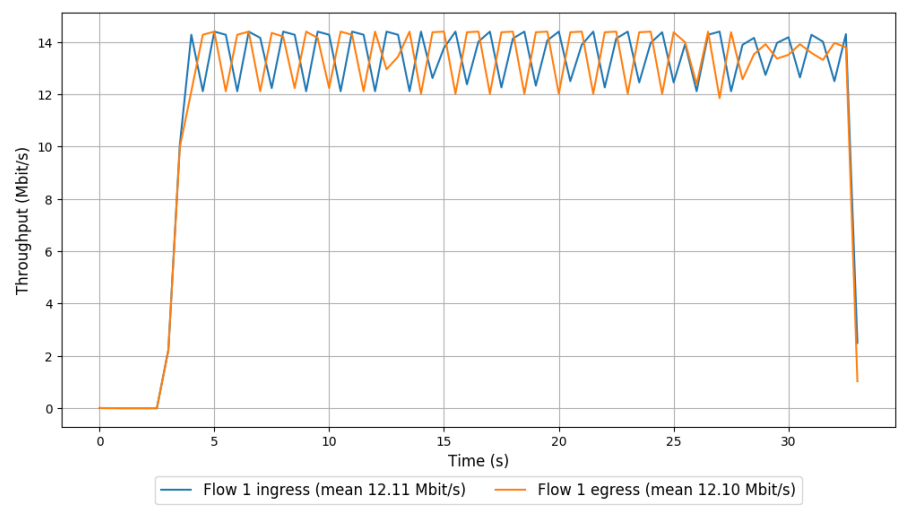
-- Flow 1:

Average throughput: 12.10 Mbit/s

95th percentile per-packet one-way delay: 37.259 ms

Loss rate: 0.37%

Run 8: Report of KohoCC — Data Link



Run 9: Statistics of KohoCC

Start at: Tue, 27 Jun 2017 04:03:07 +0000

End at: Tue, 27 Jun 2017 04:03:37 +0000

Local clock offset: 0.21 ms

Remote clock offset: -2.689 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:26:49 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 12.26 Mbit/s

95th percentile per-packet one-way delay: 35.901 ms

Loss rate: 0.32%

-- Flow 1:

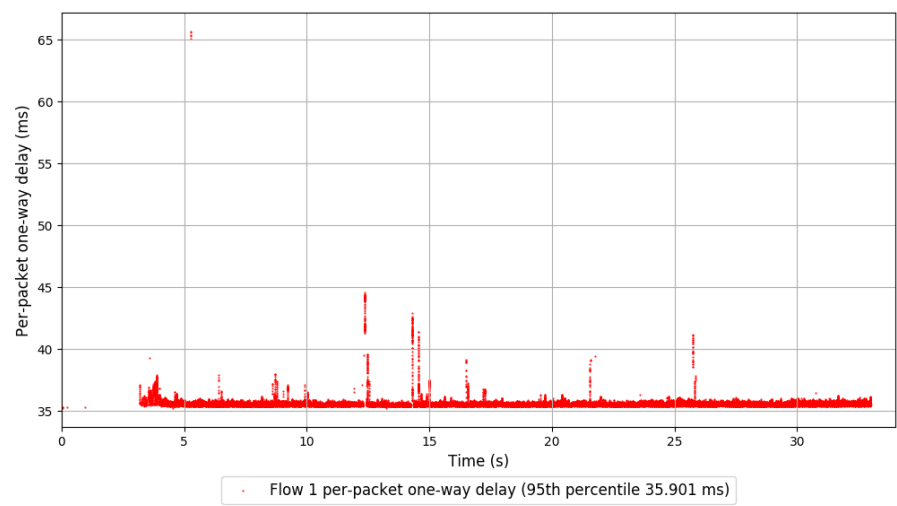
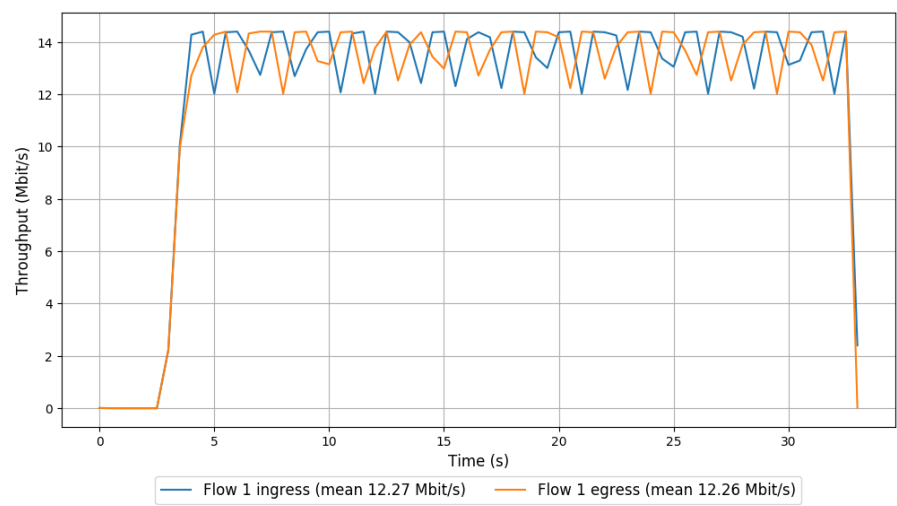
Average throughput: 12.26 Mbit/s

95th percentile per-packet one-way delay: 35.901 ms

Loss rate: 0.32%



Run 9: Report of KohoCC — Data Link



Run 10: Statistics of KohoCC

Start at: Tue, 27 Jun 2017 04:22:42 +0000

End at: Tue, 27 Jun 2017 04:23:12 +0000

Local clock offset: 0.362 ms

Remote clock offset: -2.337 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:26:50 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 12.11 Mbit/s

95th percentile per-packet one-way delay: 36.900 ms

Loss rate: 0.34%

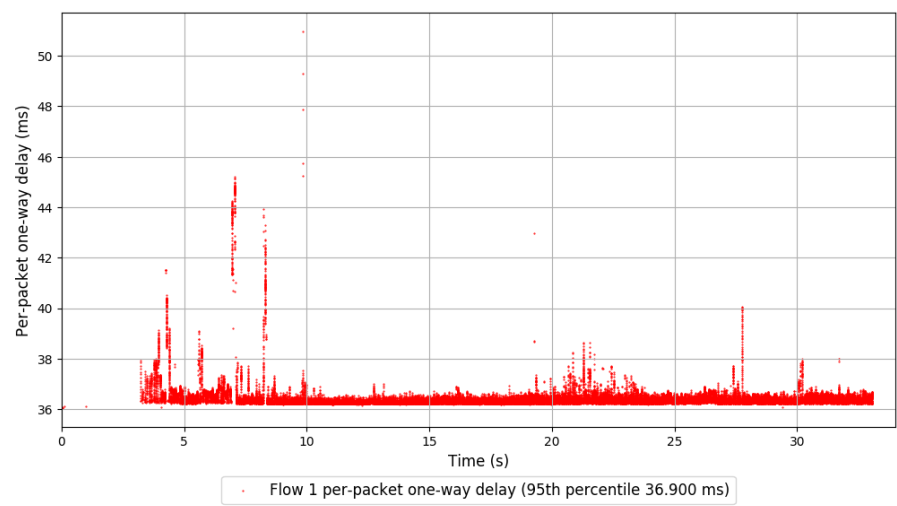
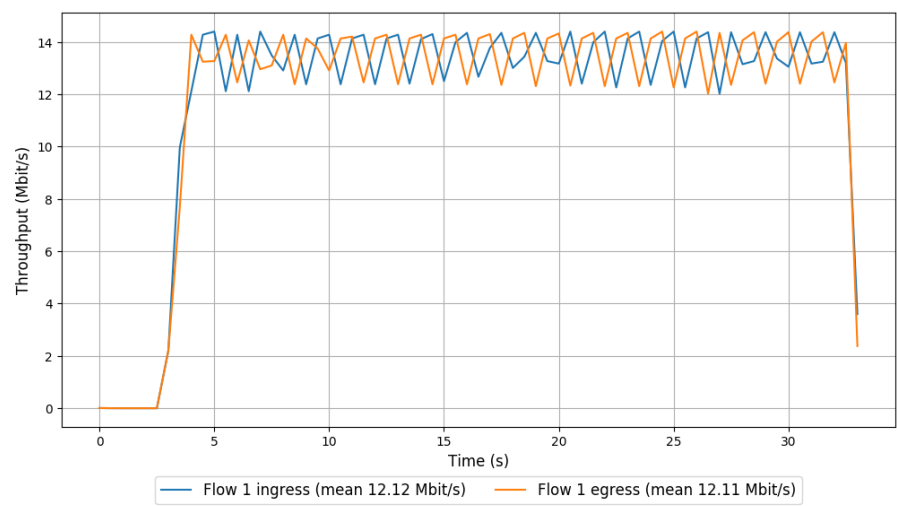
-- Flow 1:

Average throughput: 12.11 Mbit/s

95th percentile per-packet one-way delay: 36.900 ms

Loss rate: 0.34%

Run 10: Report of KohoCC — Data Link



Run 1: Statistics of LEDBAT

Start at: Tue, 27 Jun 2017 01:19:52 +0000

End at: Tue, 27 Jun 2017 01:20:22 +0000

Local clock offset: -0.392 ms

Remote clock offset: -2.758 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:26:52 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 18.27 Mbit/s

95th percentile per-packet one-way delay: 37.846 ms

Loss rate: 0.77%

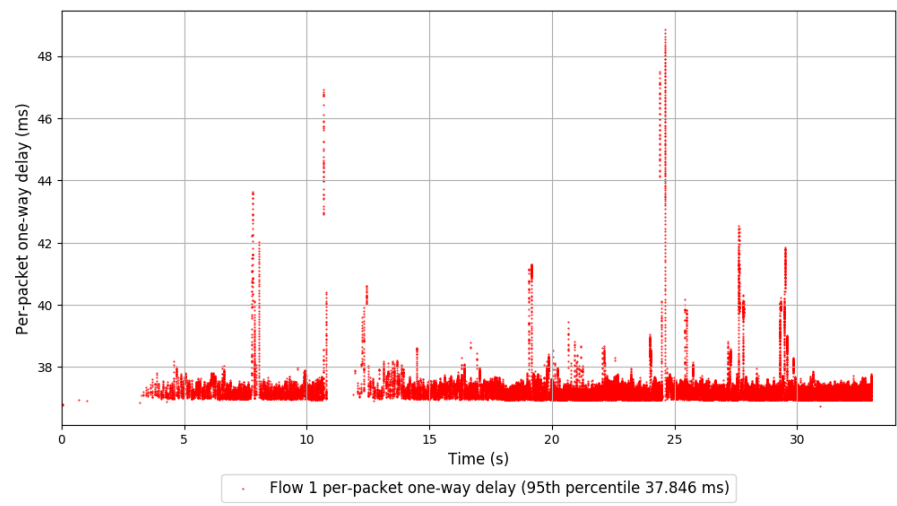
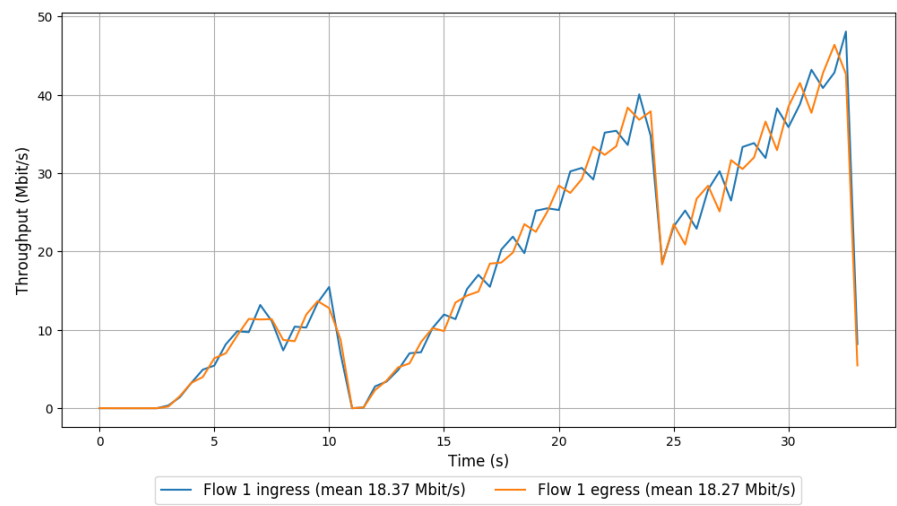
-- Flow 1:

Average throughput: 18.27 Mbit/s

95th percentile per-packet one-way delay: 37.846 ms

Loss rate: 0.77%

Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: Tue, 27 Jun 2017 01:39:35 +0000

End at: Tue, 27 Jun 2017 01:40:05 +0000

Local clock offset: -0.374 ms

Remote clock offset: -5.19 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:26:57 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 35.58 Mbit/s

95th percentile per-packet one-way delay: 38.072 ms

Loss rate: 0.40%

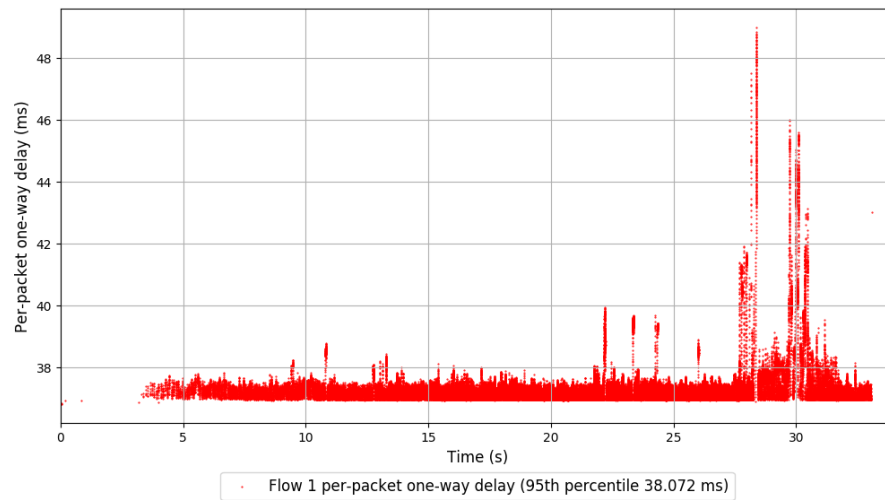
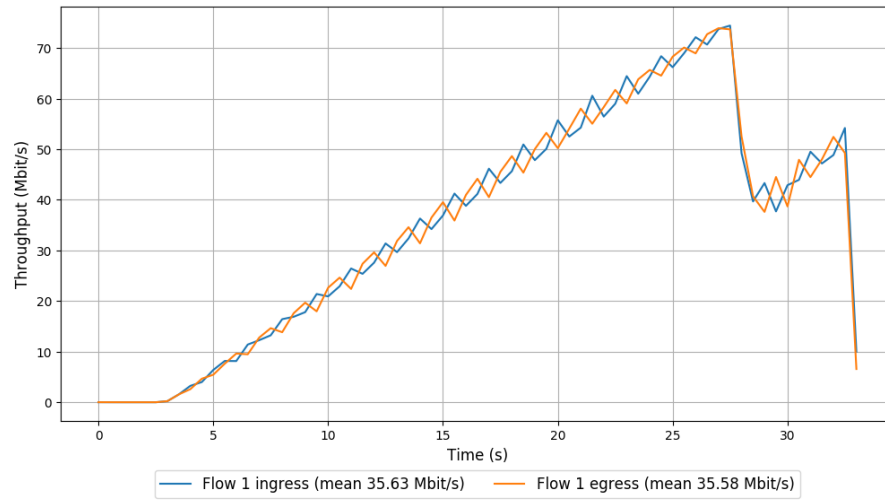
-- Flow 1:

Average throughput: 35.58 Mbit/s

95th percentile per-packet one-way delay: 38.072 ms

Loss rate: 0.40%

## Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: Tue, 27 Jun 2017 01:59:17 +0000

End at: Tue, 27 Jun 2017 01:59:47 +0000

Local clock offset: -0.383 ms

Remote clock offset: -3.283 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:26:57 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 21.49 Mbit/s

95th percentile per-packet one-way delay: 37.751 ms

Loss rate: 0.57%

-- Flow 1:

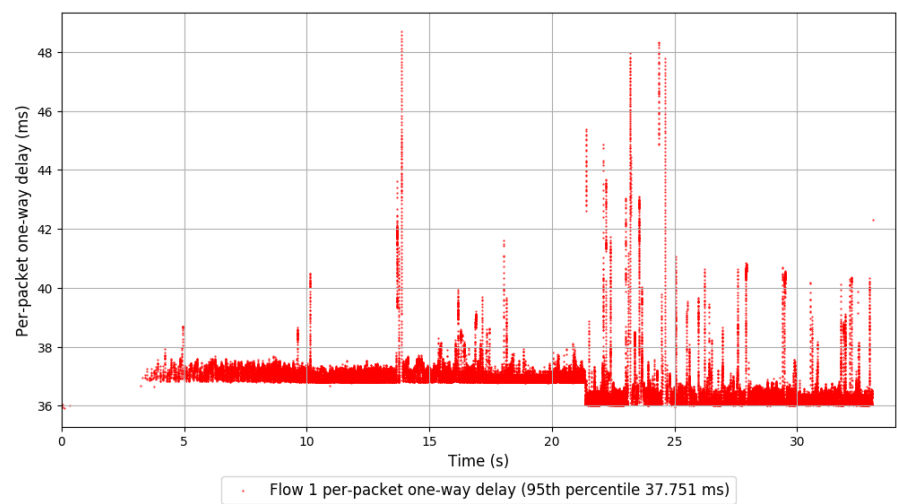
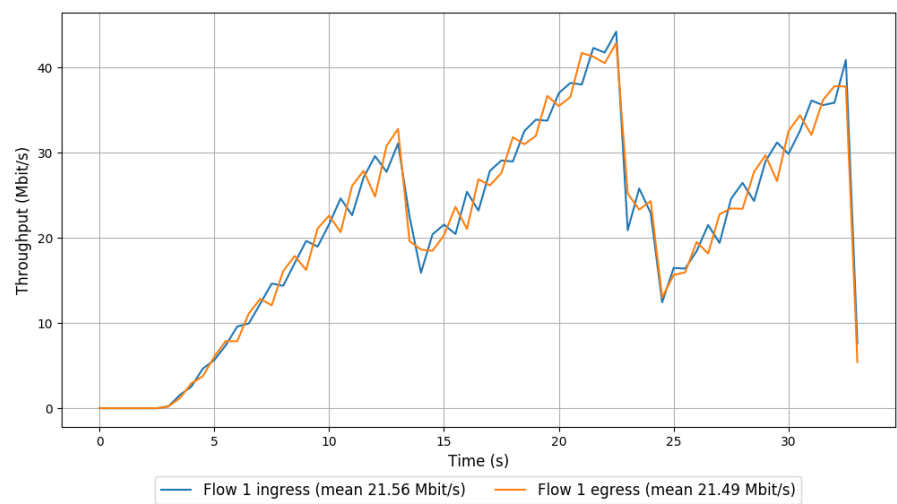
Average throughput: 21.49 Mbit/s

95th percentile per-packet one-way delay: 37.751 ms

Loss rate: 0.57%



Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: Tue, 27 Jun 2017 02:19:13 +0000

End at: Tue, 27 Jun 2017 02:19:43 +0000

Local clock offset: -0.441 ms

Remote clock offset: -2.36 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:27:00 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 26.24 Mbit/s

95th percentile per-packet one-way delay: 37.633 ms

Loss rate: 0.49%

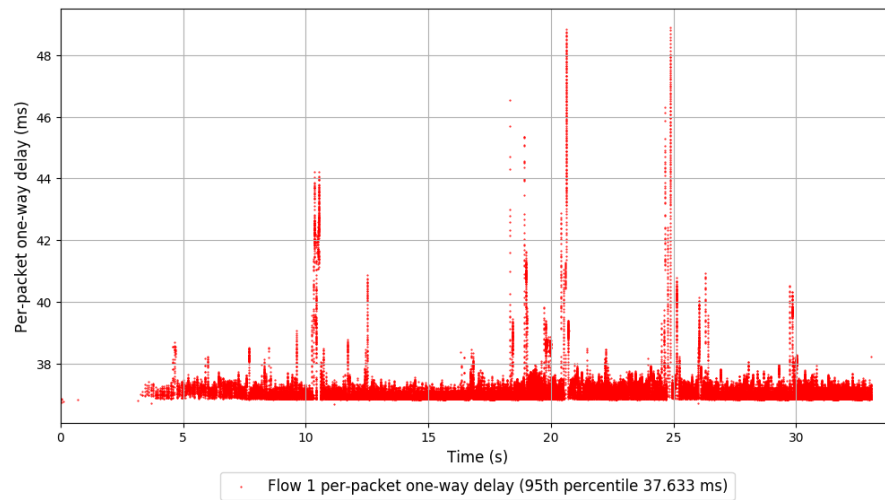
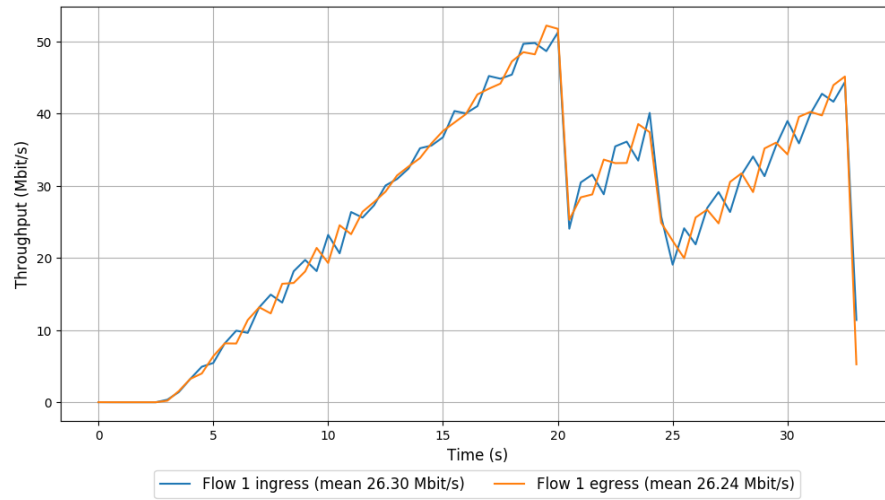
-- Flow 1:

Average throughput: 26.24 Mbit/s

95th percentile per-packet one-way delay: 37.633 ms

Loss rate: 0.49%

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



Run 5: Statistics of LEDBAT

Start at: Tue, 27 Jun 2017 02:39:04 +0000

End at: Tue, 27 Jun 2017 02:39:34 +0000

Local clock offset: -0.191 ms

Remote clock offset: -2.387 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:27:03 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 35.71 Mbit/s

95th percentile per-packet one-way delay: 36.463 ms

Loss rate: 0.07%

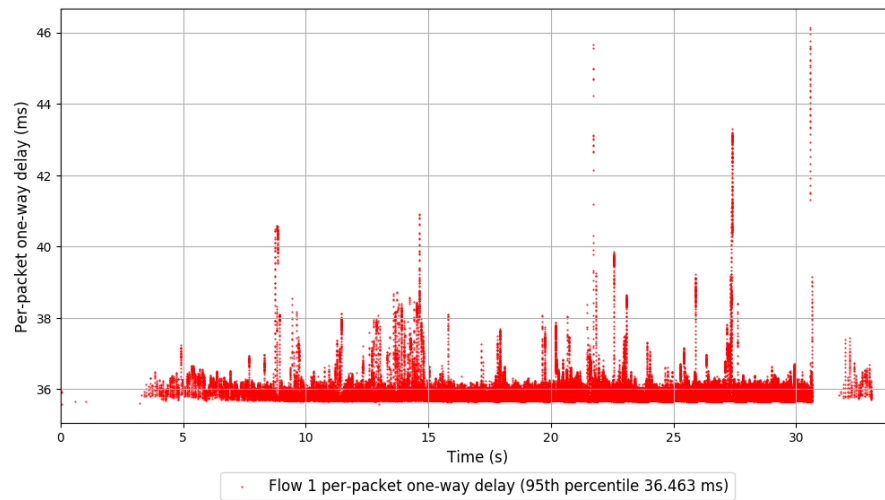
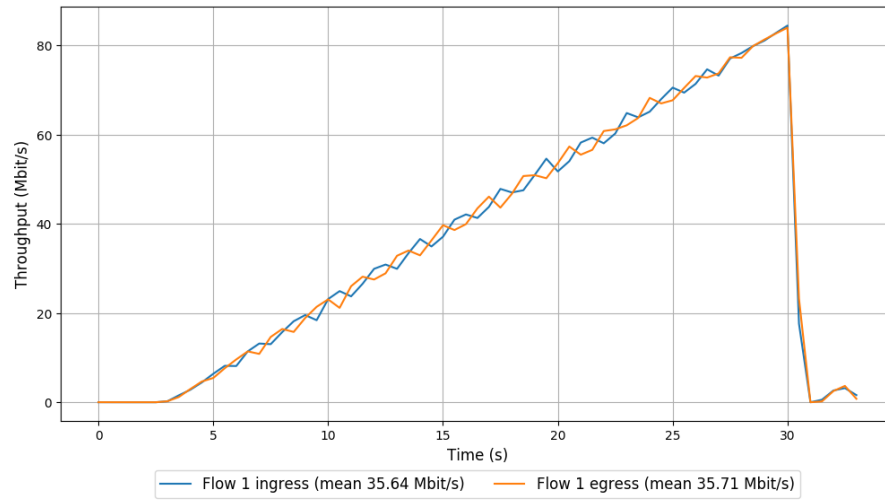
-- Flow 1:

Average throughput: 35.71 Mbit/s

95th percentile per-packet one-way delay: 36.463 ms

Loss rate: 0.07%

## Run 5: Report of LEDBAT — Data Link



Run 6: Statistics of LEDBAT

Start at: Tue, 27 Jun 2017 02:58:48 +0000

End at: Tue, 27 Jun 2017 02:59:18 +0000

Local clock offset: -0.048 ms

Remote clock offset: -5.419 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:27:05 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 27.04 Mbit/s

95th percentile per-packet one-way delay: 37.324 ms

Loss rate: 0.16%

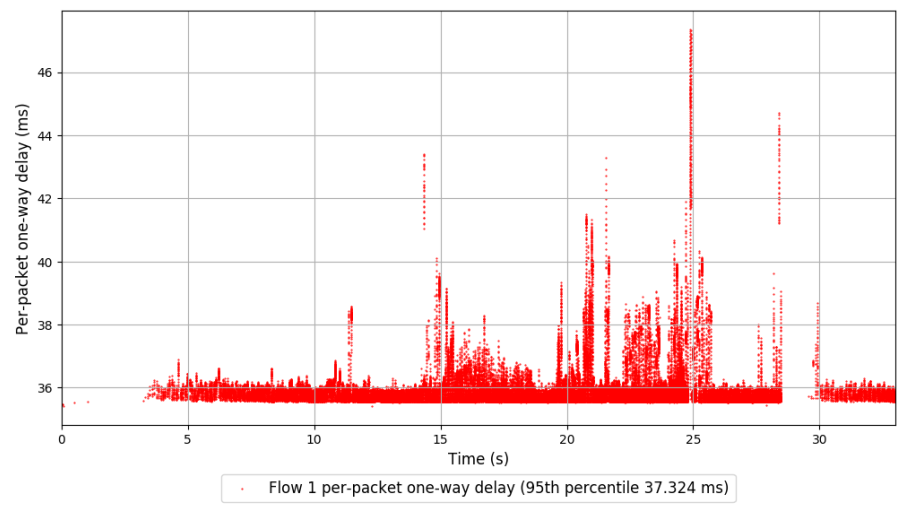
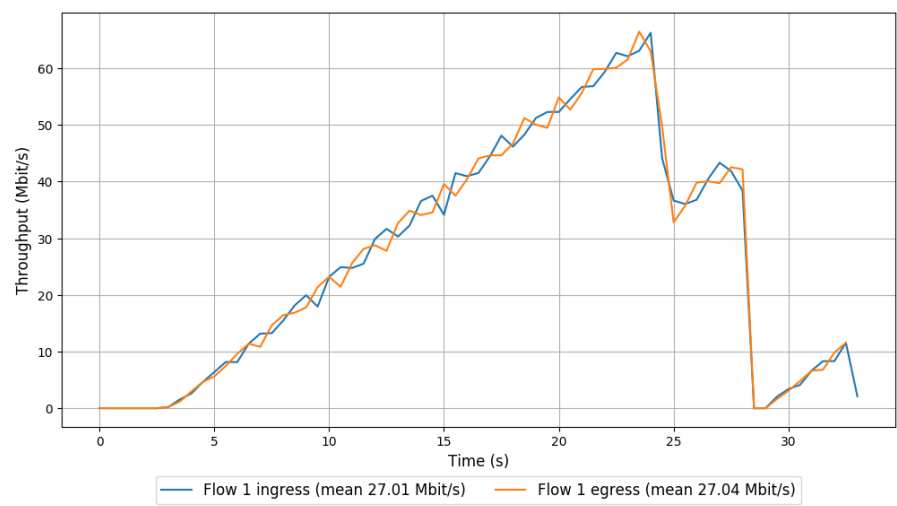
-- Flow 1:

Average throughput: 27.04 Mbit/s

95th percentile per-packet one-way delay: 37.324 ms

Loss rate: 0.16%

Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

Start at: Tue, 27 Jun 2017 03:18:35 +0000

End at: Tue, 27 Jun 2017 03:19:05 +0000

Local clock offset: -0.052 ms

Remote clock offset: -2.937 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:27:10 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 32.18 Mbit/s

95th percentile per-packet one-way delay: 37.416 ms

Loss rate: 0.51%

-- Flow 1:

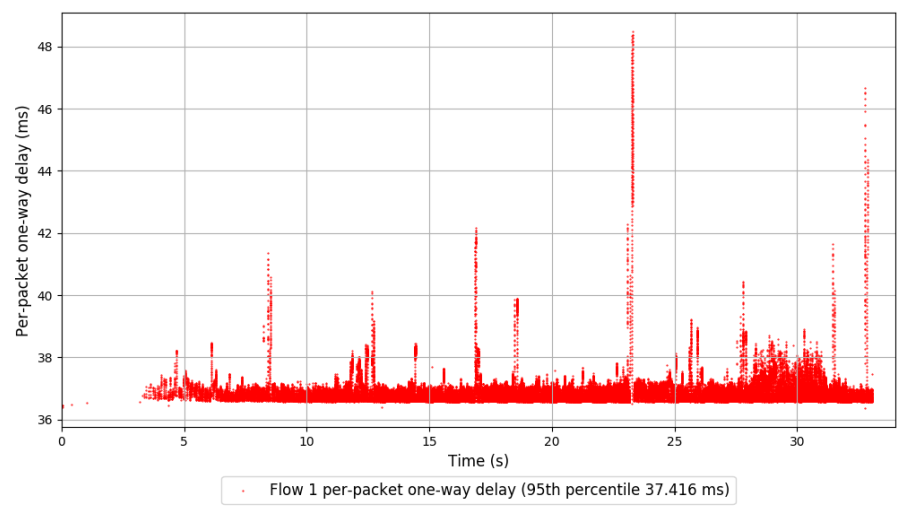
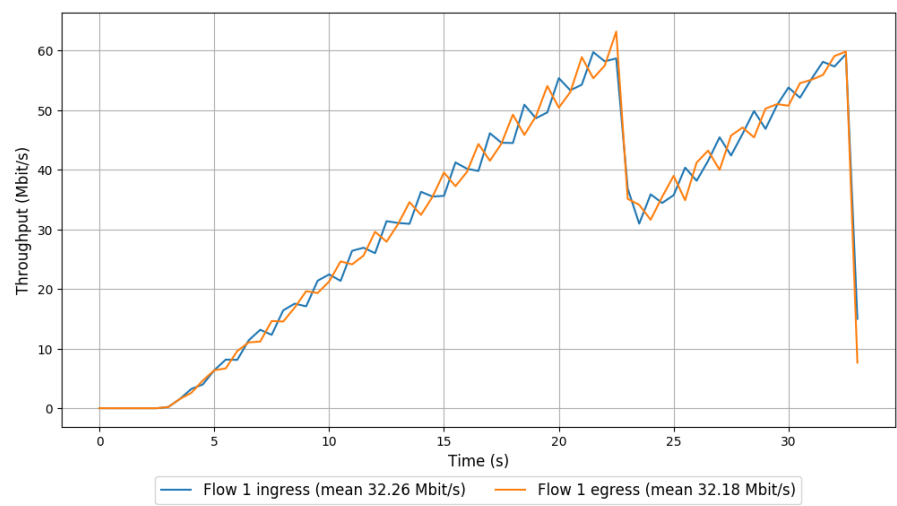
Average throughput: 32.18 Mbit/s

95th percentile per-packet one-way delay: 37.416 ms

Loss rate: 0.51%



Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: Tue, 27 Jun 2017 03:38:18 +0000

End at: Tue, 27 Jun 2017 03:38:48 +0000

Local clock offset: -0.028 ms

Remote clock offset: -2.498 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:27:10 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 20.17 Mbit/s

95th percentile per-packet one-way delay: 36.267 ms

Loss rate: 0.42%

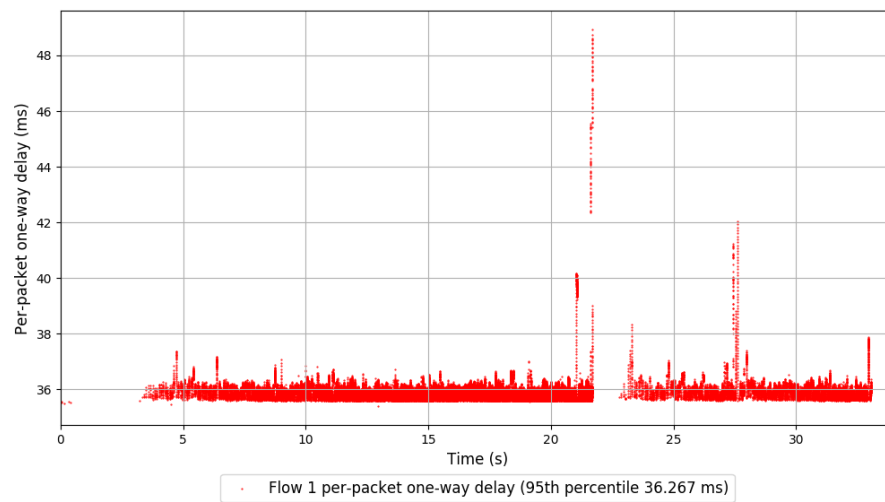
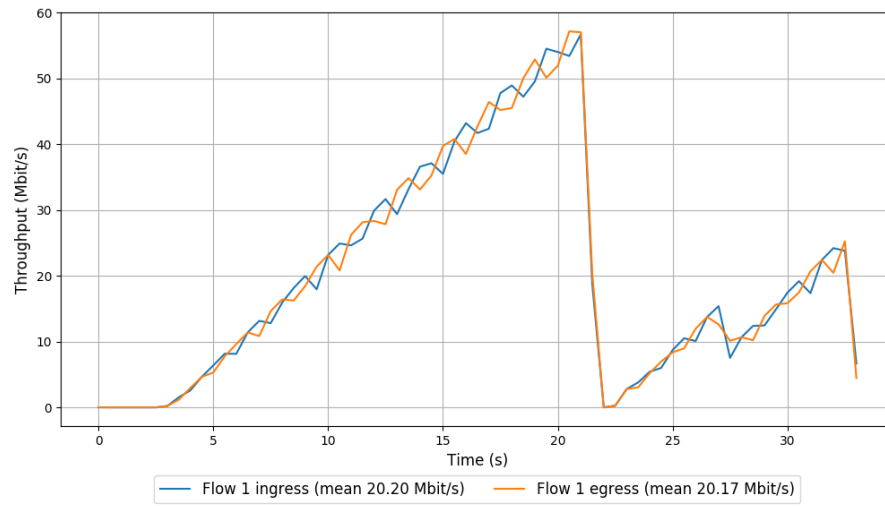
-- Flow 1:

Average throughput: 20.17 Mbit/s

95th percentile per-packet one-way delay: 36.267 ms

Loss rate: 0.42%

## Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

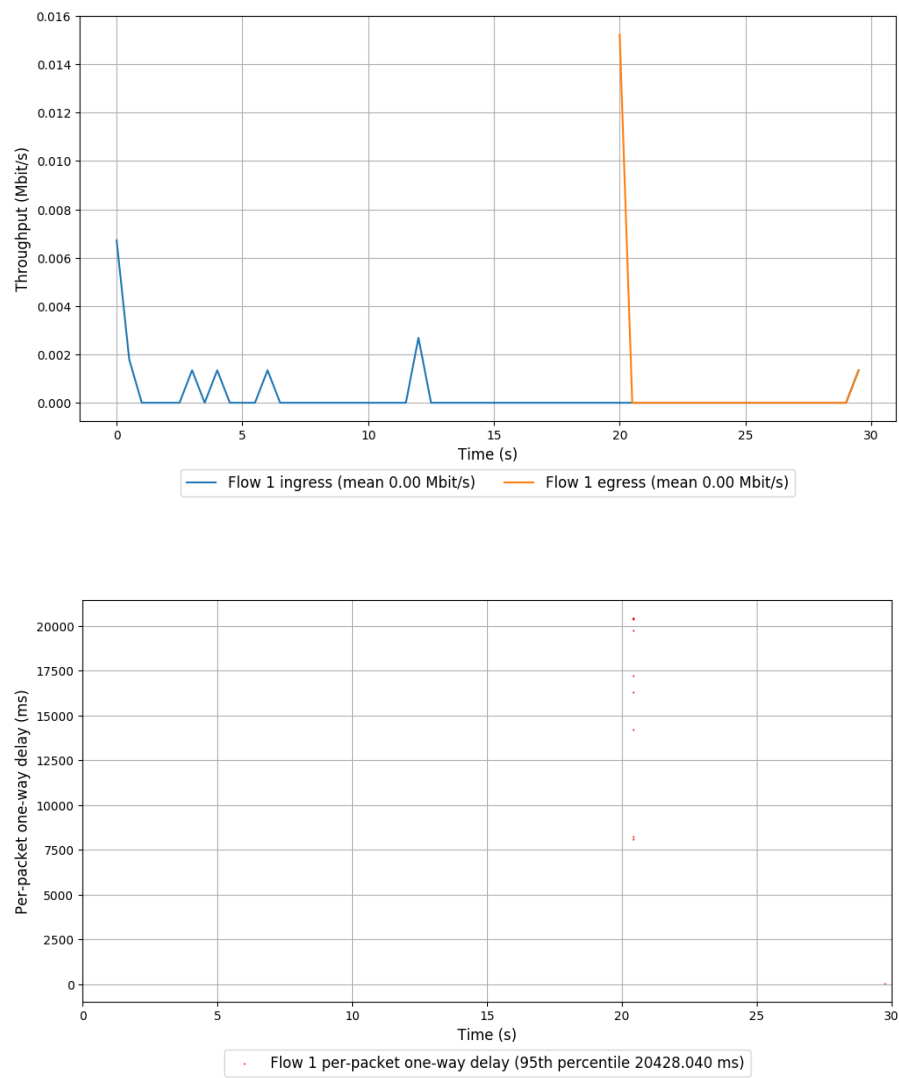
Start at: Tue, 27 Jun 2017 03:57:53 +0000

End at: Tue, 27 Jun 2017 03:58:23 +0000

Local clock offset: 0.151 ms

Remote clock offset: -2.765 ms

Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

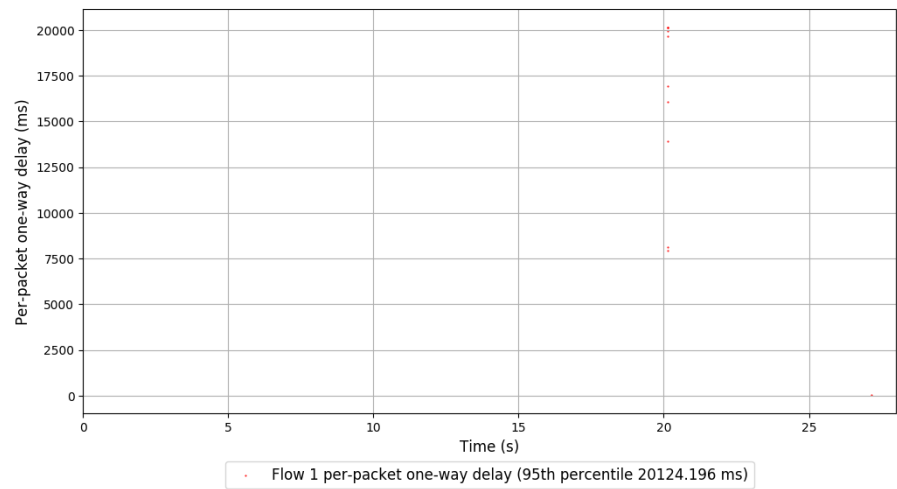
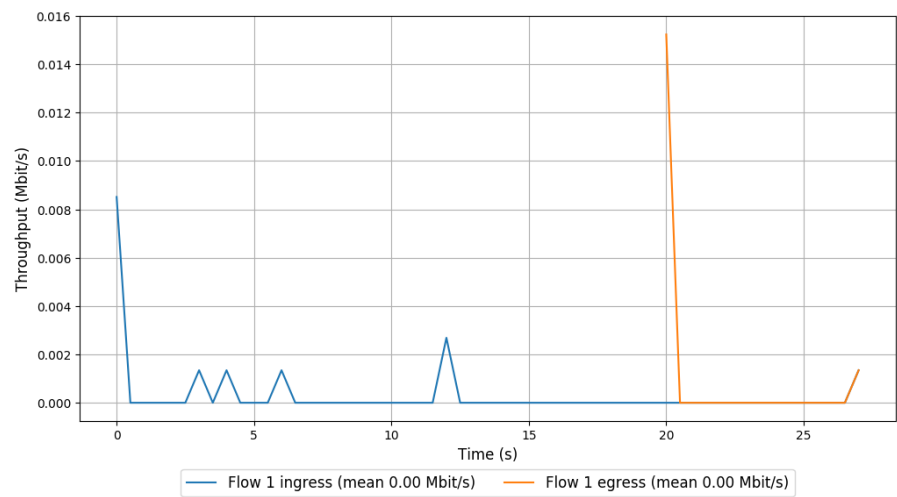
Start at: Tue, 27 Jun 2017 04:17:29 +0000

End at: Tue, 27 Jun 2017 04:17:59 +0000

Local clock offset: 0.449 ms

Remote clock offset: -4.821 ms

Run 10: Report of LEDBAT — Data Link



Run 1: Statistics of PCC

Start at: Tue, 27 Jun 2017 01:26:26 +0000

End at: Tue, 27 Jun 2017 01:26:56 +0000

Local clock offset: -0.404 ms

Remote clock offset: -5.237 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:27:22 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 80.86 Mbit/s

95th percentile per-packet one-way delay: 42.753 ms

Loss rate: 0.43%

-- Flow 1:

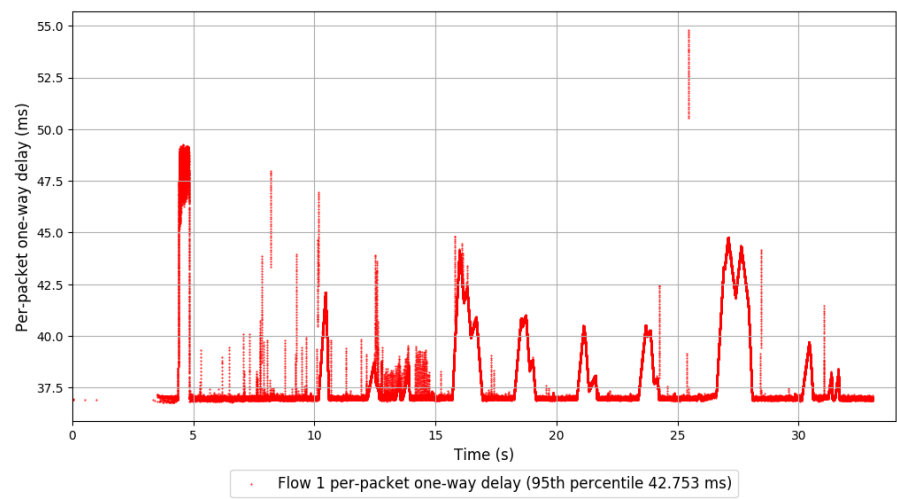
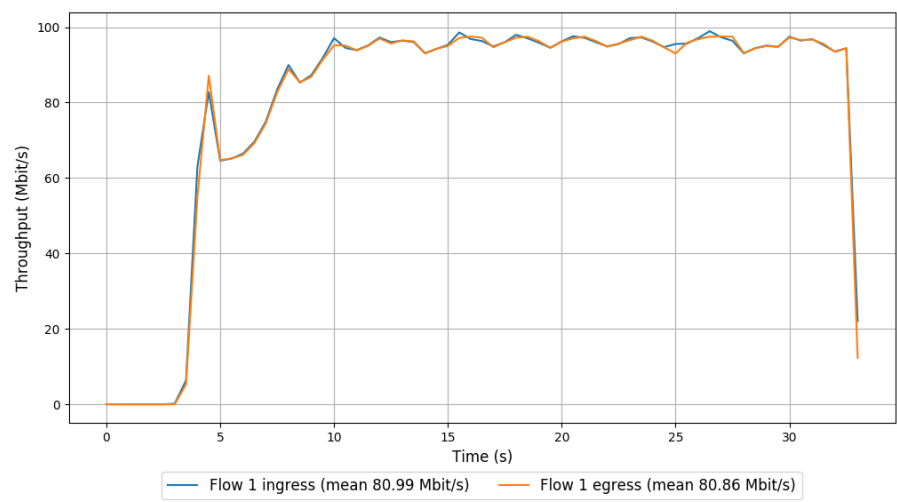
Average throughput: 80.86 Mbit/s

95th percentile per-packet one-way delay: 42.753 ms

Loss rate: 0.43%



Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

Start at: Tue, 27 Jun 2017 01:46:08 +0000

End at: Tue, 27 Jun 2017 01:46:38 +0000

Local clock offset: -0.436 ms

Remote clock offset: -5.344 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:27:23 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 80.09 Mbit/s

95th percentile per-packet one-way delay: 46.803 ms

Loss rate: 0.65%

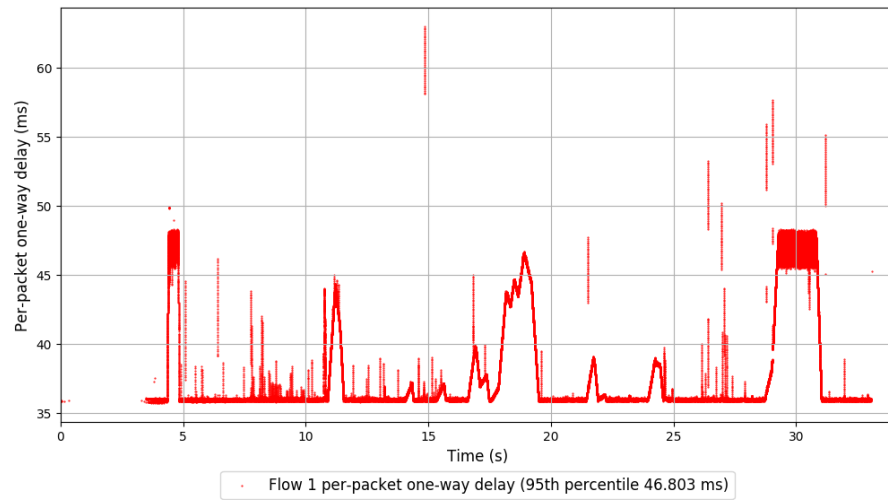
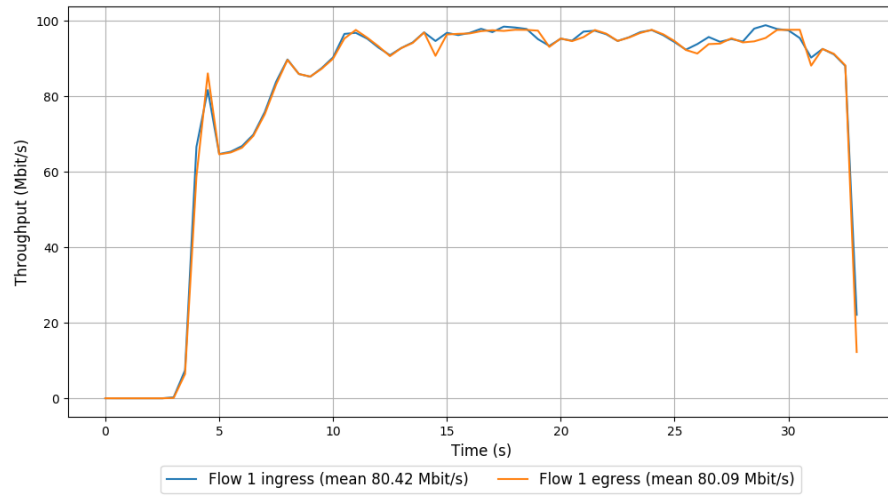
-- Flow 1:

Average throughput: 80.09 Mbit/s

95th percentile per-packet one-way delay: 46.803 ms

Loss rate: 0.65%

## Run 2: Report of PCC — Data Link



Run 3: Statistics of PCC

Start at: Tue, 27 Jun 2017 02:06:00 +0000

End at: Tue, 27 Jun 2017 02:06:30 +0000

Local clock offset: -0.392 ms

Remote clock offset: -5.304 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:27:34 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 72.15 Mbit/s

95th percentile per-packet one-way delay: 42.452 ms

Loss rate: 0.55%

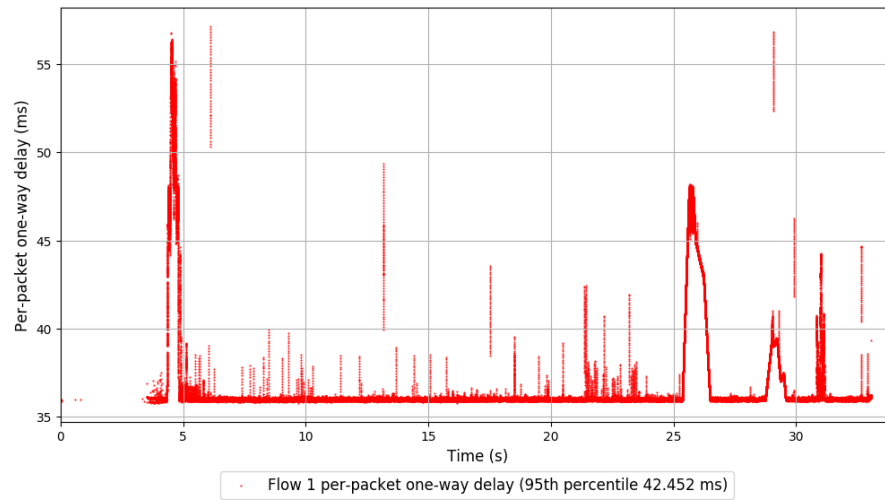
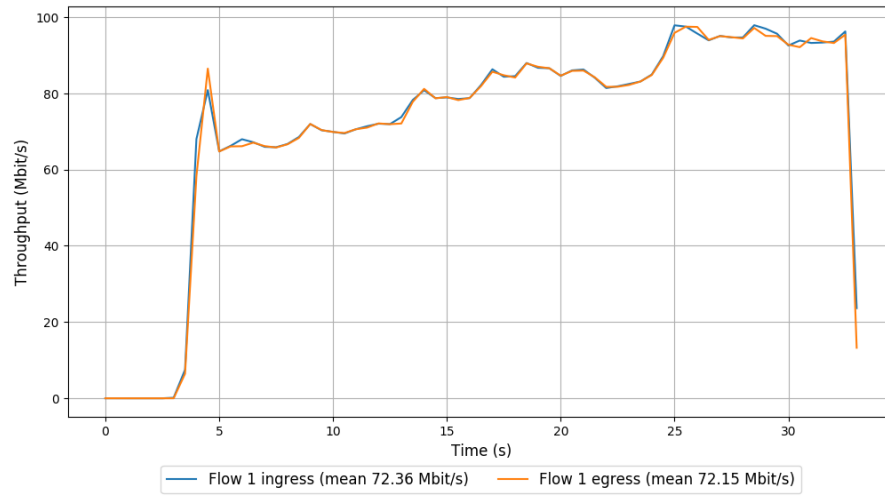
-- Flow 1:

Average throughput: 72.15 Mbit/s

95th percentile per-packet one-way delay: 42.452 ms

Loss rate: 0.55%

### Run 3: Report of PCC — Data Link



Run 4: Statistics of PCC

Start at: Tue, 27 Jun 2017 02:25:49 +0000

End at: Tue, 27 Jun 2017 02:26:19 +0000

Local clock offset: -0.367 ms

Remote clock offset: -4.852 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:27:35 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 80.32 Mbit/s

95th percentile per-packet one-way delay: 43.920 ms

Loss rate: 0.50%

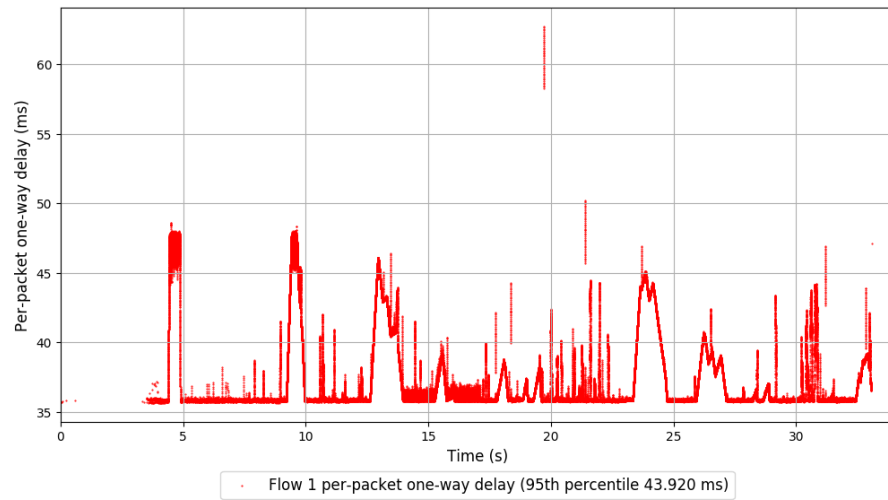
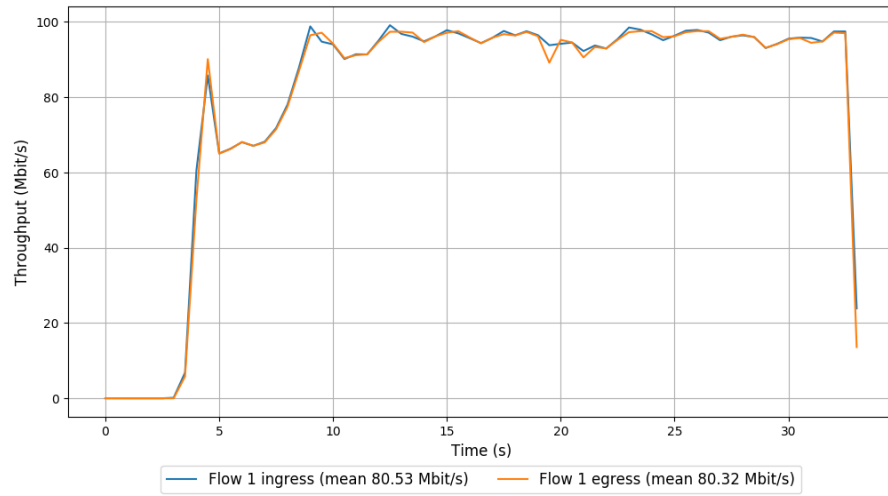
-- Flow 1:

Average throughput: 80.32 Mbit/s

95th percentile per-packet one-way delay: 43.920 ms

Loss rate: 0.50%

#### Run 4: Report of PCC — Data Link



Run 5: Statistics of PCC

Start at: Tue, 27 Jun 2017 02:45:39 +0000

End at: Tue, 27 Jun 2017 02:46:09 +0000

Local clock offset: -0.176 ms

Remote clock offset: -5.233 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:27:48 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 78.93 Mbit/s

95th percentile per-packet one-way delay: 42.712 ms

Loss rate: 0.55%

-- Flow 1:

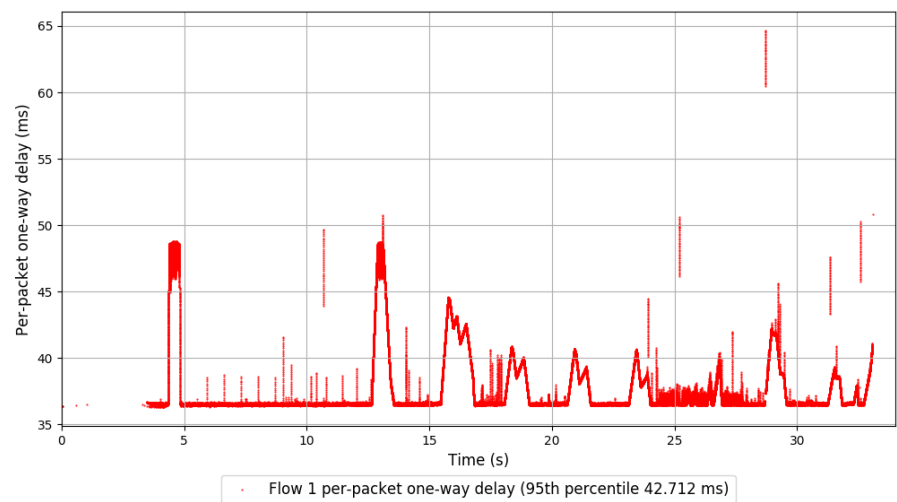
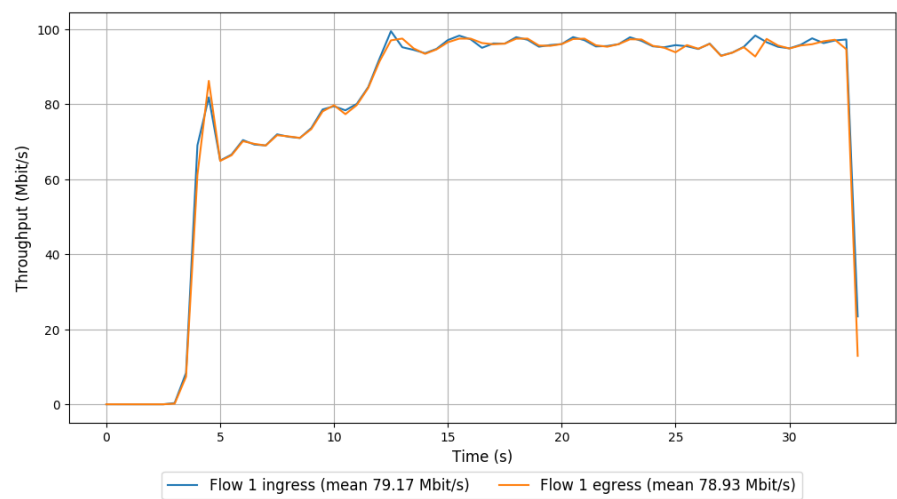
Average throughput: 78.93 Mbit/s

95th percentile per-packet one-way delay: 42.712 ms

Loss rate: 0.55%



Run 5: Report of PCC — Data Link



Run 6: Statistics of PCC

Start at: Tue, 27 Jun 2017 03:05:24 +0000

End at: Tue, 27 Jun 2017 03:05:54 +0000

Local clock offset: -0.069 ms

Remote clock offset: -5.012 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:27:48 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 79.73 Mbit/s

95th percentile per-packet one-way delay: 44.816 ms

Loss rate: 0.53%

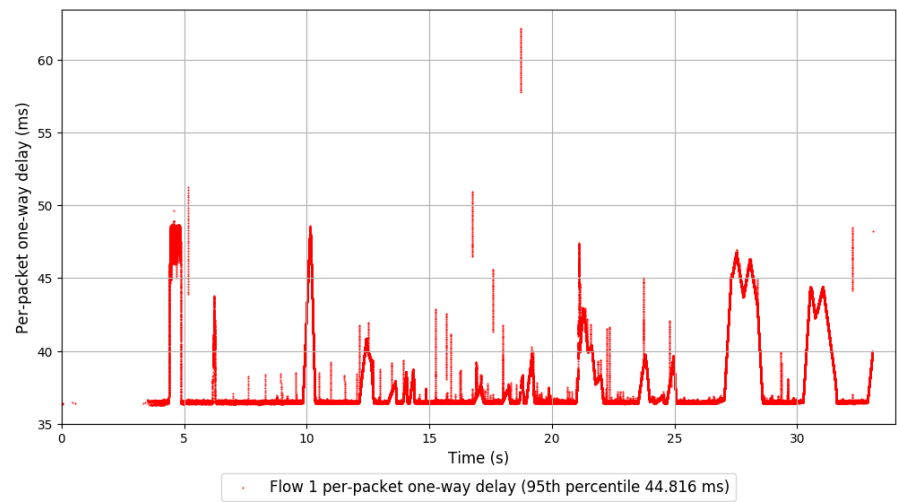
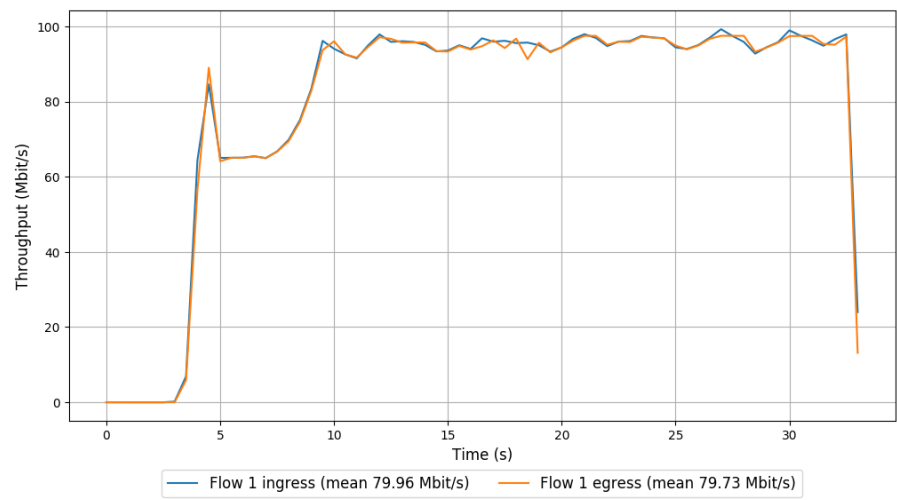
-- Flow 1:

Average throughput: 79.73 Mbit/s

95th percentile per-packet one-way delay: 44.816 ms

Loss rate: 0.53%

Run 6: Report of PCC — Data Link



Run 7: Statistics of PCC

Start at: Tue, 27 Jun 2017 03:25:10 +0000

End at: Tue, 27 Jun 2017 03:25:40 +0000

Local clock offset: -0.05 ms

Remote clock offset: -5.295 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:27:56 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 80.82 Mbit/s

95th percentile per-packet one-way delay: 40.329 ms

Loss rate: 0.47%

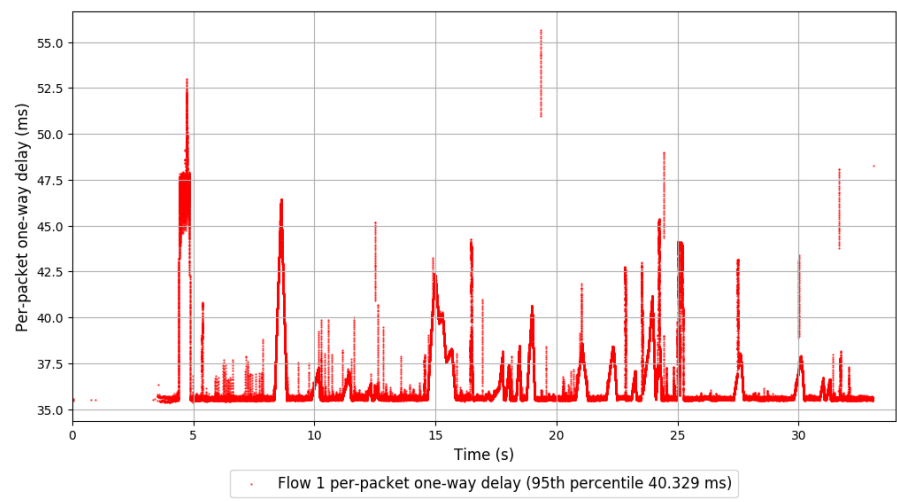
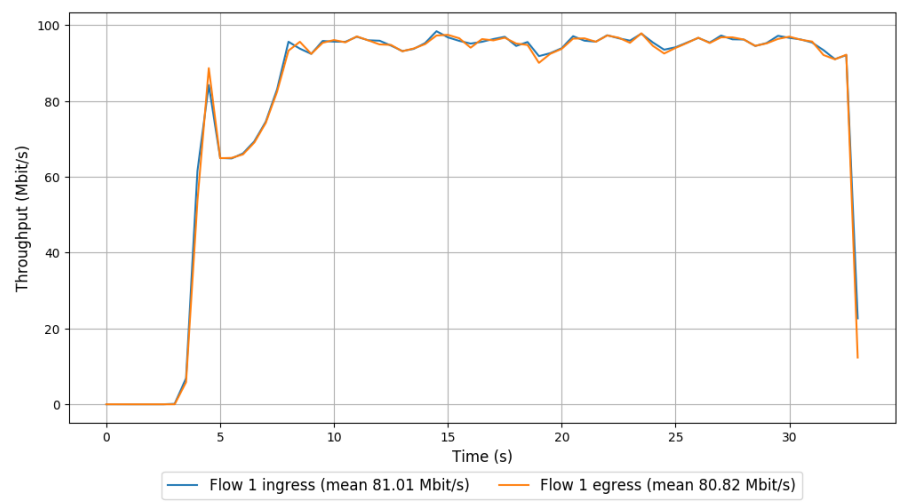
-- Flow 1:

Average throughput: 80.82 Mbit/s

95th percentile per-packet one-way delay: 40.329 ms

Loss rate: 0.47%

Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

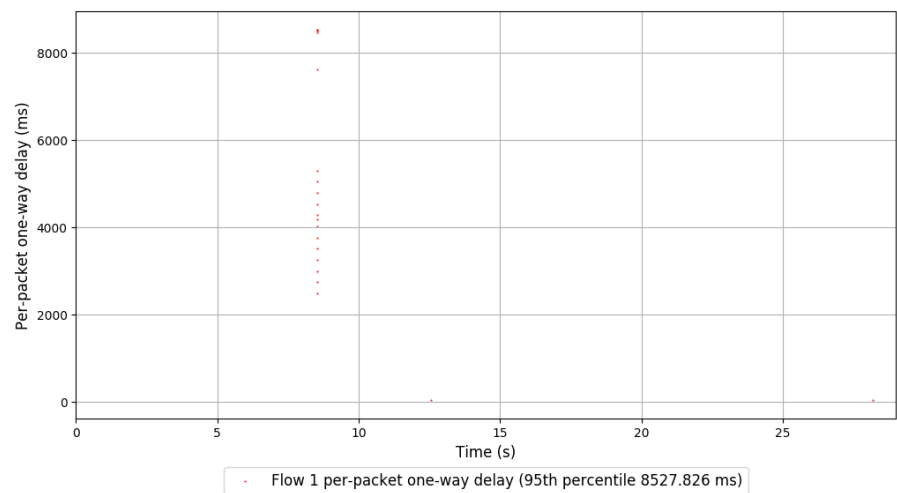
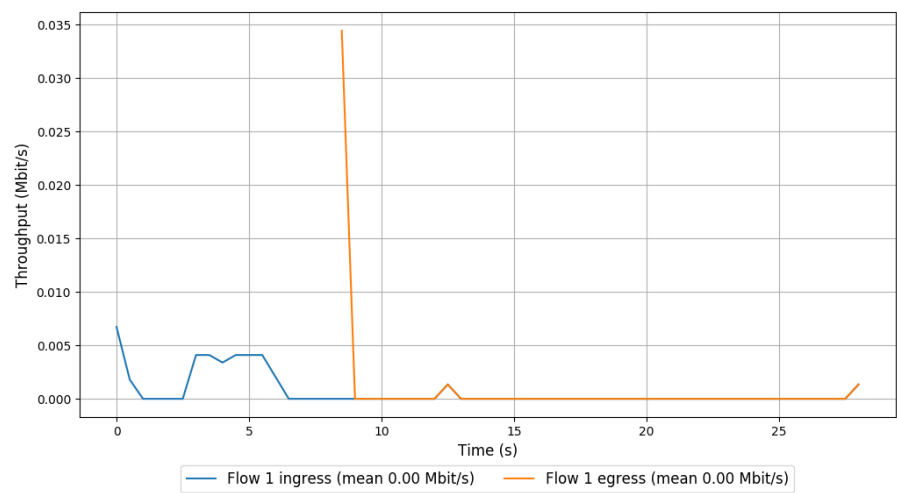
Start at: Tue, 27 Jun 2017 03:44:52 +0000

End at: Tue, 27 Jun 2017 03:45:22 +0000

Local clock offset: -0.016 ms

Remote clock offset: -3.27 ms

Run 8: Report of PCC — Data Link



Run 9: Statistics of PCC

Start at: Tue, 27 Jun 2017 04:04:23 +0000

End at: Tue, 27 Jun 2017 04:04:53 +0000

Local clock offset: 0.123 ms

Remote clock offset: -4.928 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:28:00 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 80.63 Mbit/s

95th percentile per-packet one-way delay: 47.067 ms

Loss rate: 0.48%

-- Flow 1:

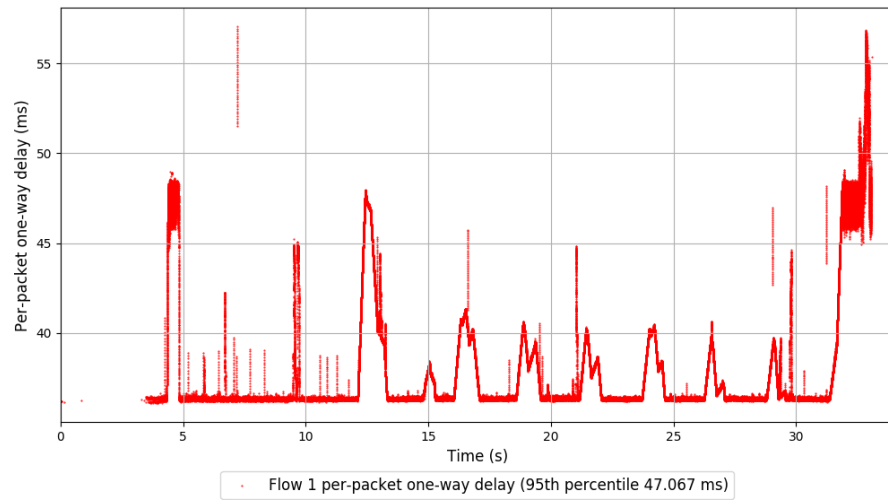
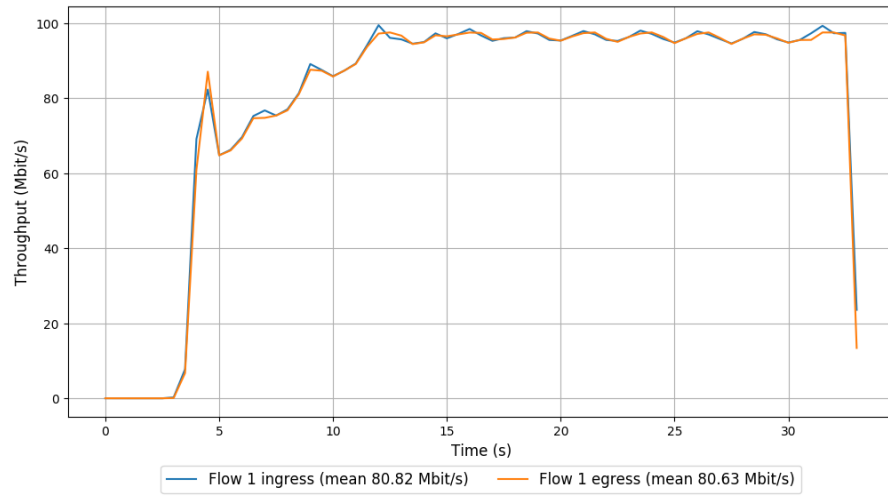
Average throughput: 80.63 Mbit/s

95th percentile per-packet one-way delay: 47.067 ms

Loss rate: 0.48%



### Run 9: Report of PCC — Data Link



Run 10: Statistics of PCC

Start at: Tue, 27 Jun 2017 04:23:59 +0000

End at: Tue, 27 Jun 2017 04:24:29 +0000

Local clock offset: 0.352 ms

Remote clock offset: -2.704 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:28:13 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 80.29 Mbit/s

95th percentile per-packet one-way delay: 41.528 ms

Loss rate: 0.40%

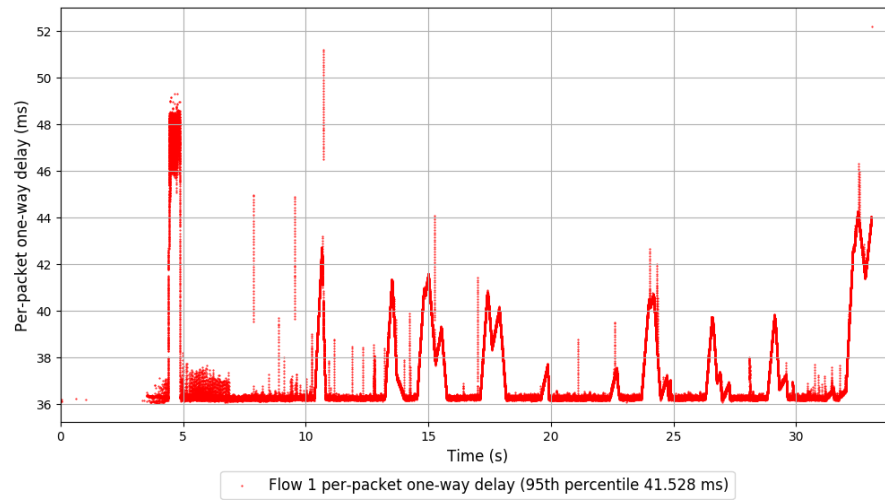
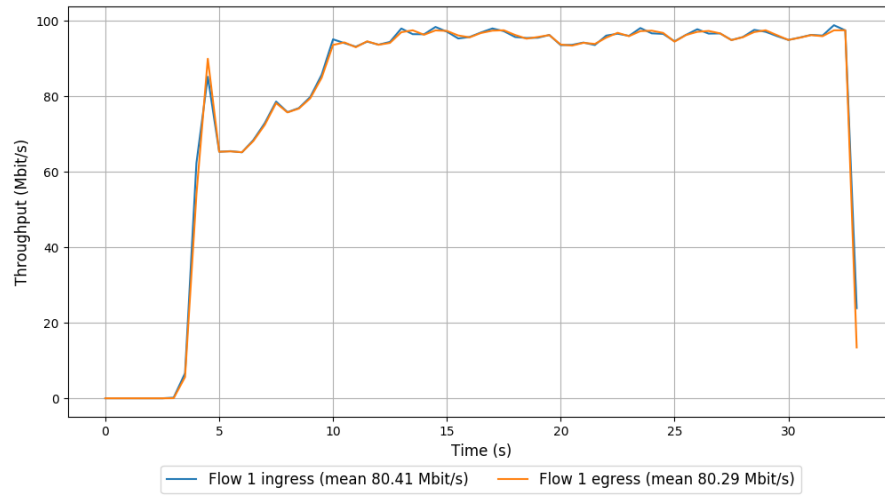
-- Flow 1:

Average throughput: 80.29 Mbit/s

95th percentile per-packet one-way delay: 41.528 ms

Loss rate: 0.40%

### Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic (toy)

Start at: Tue, 27 Jun 2017 01:29:01 +0000

End at: Tue, 27 Jun 2017 01:29:31 +0000

Local clock offset: -0.321 ms

Remote clock offset: -5.155 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:28:13 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 18.28 Mbit/s

95th percentile per-packet one-way delay: 48.376 ms

Loss rate: 0.22%

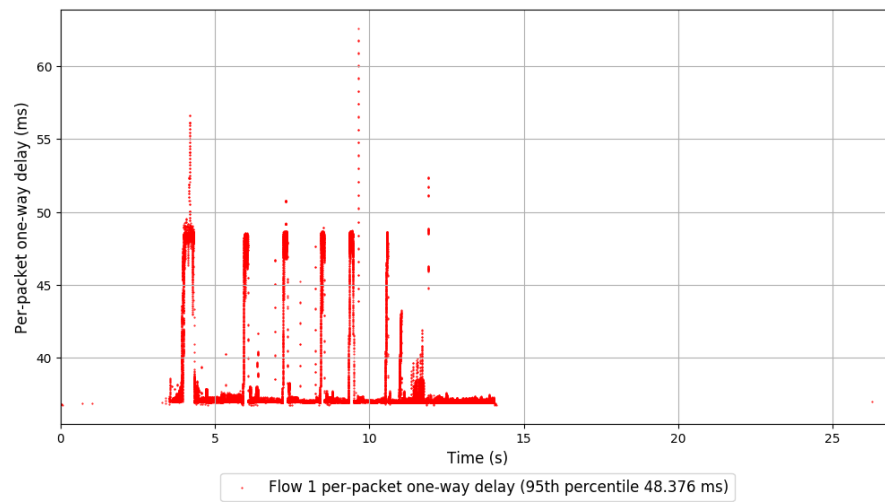
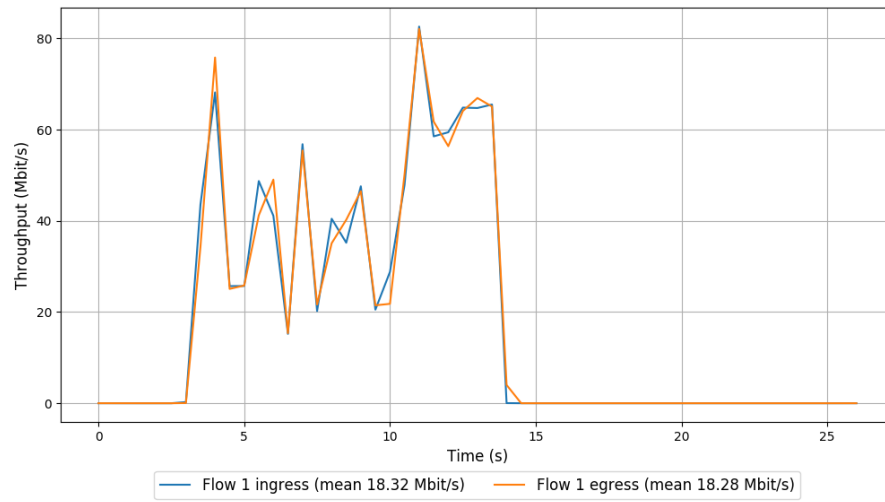
-- Flow 1:

Average throughput: 18.28 Mbit/s

95th percentile per-packet one-way delay: 48.376 ms

Loss rate: 0.22%

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



Run 2: Statistics of QUIC Cubic (toy)

Start at: Tue, 27 Jun 2017 01:48:43 +0000

End at: Tue, 27 Jun 2017 01:49:13 +0000

Local clock offset: -0.445 ms

Remote clock offset: -4.802 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:28:13 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 17.44 Mbit/s

95th percentile per-packet one-way delay: 38.062 ms

Loss rate: 0.08%

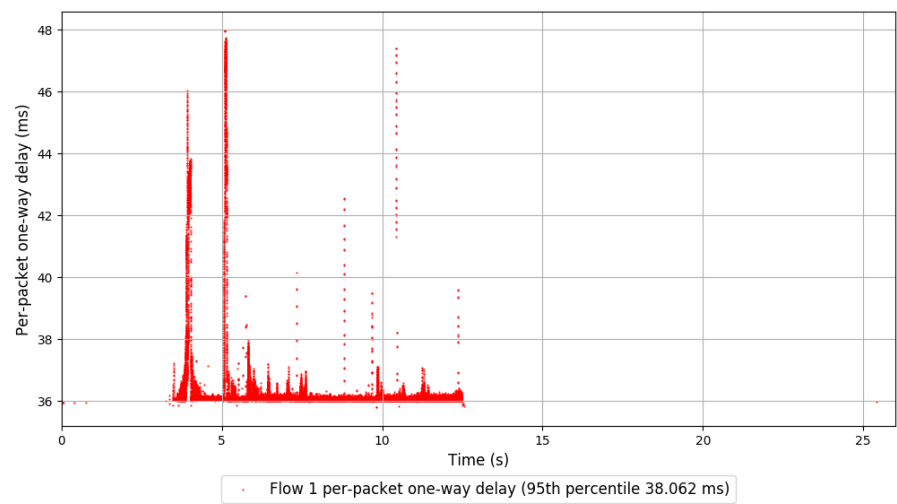
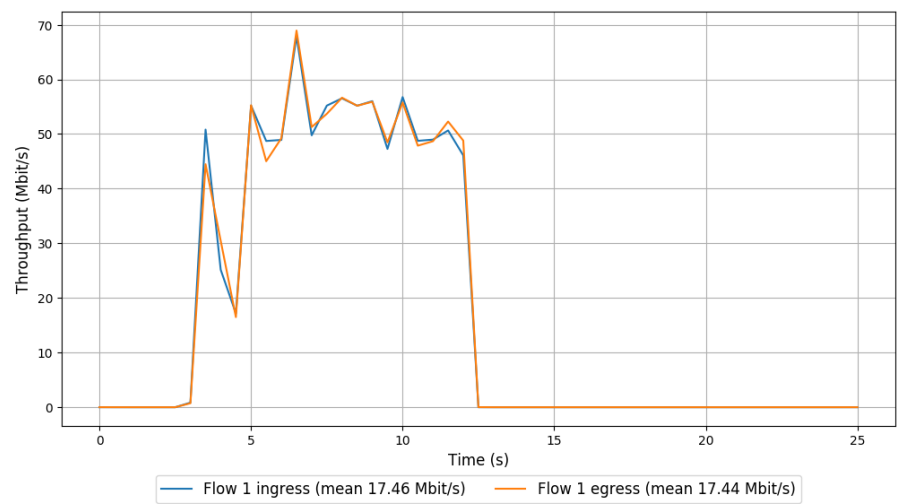
-- Flow 1:

Average throughput: 17.44 Mbit/s

95th percentile per-packet one-way delay: 38.062 ms

Loss rate: 0.08%

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



Run 3: Statistics of QUIC Cubic (toy)

Start at: Tue, 27 Jun 2017 02:08:36 +0000

End at: Tue, 27 Jun 2017 02:09:06 +0000

Local clock offset: -0.403 ms

Remote clock offset: -3.135 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:28:13 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 16.35 Mbit/s

95th percentile per-packet one-way delay: 47.318 ms

Loss rate: 0.18%

-- Flow 1:

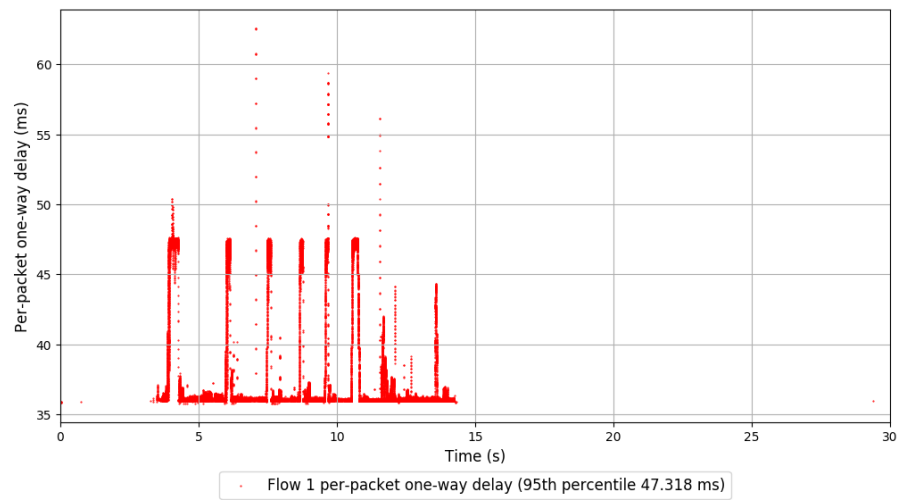
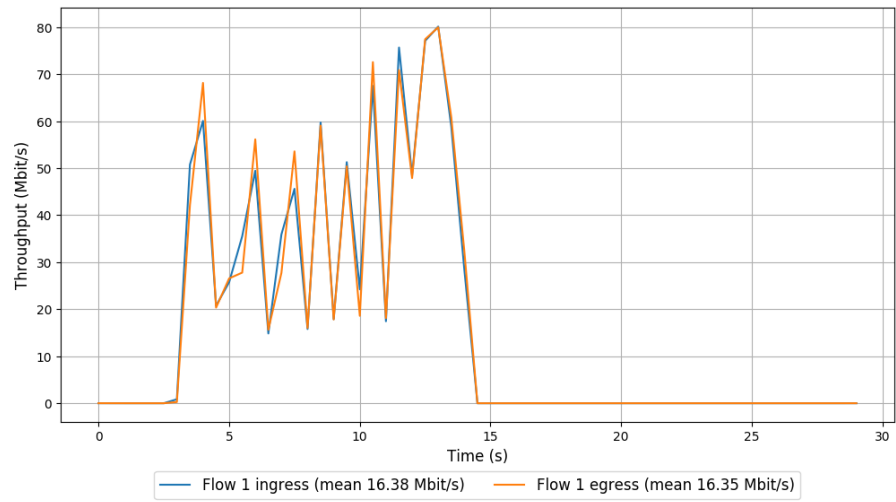
Average throughput: 16.35 Mbit/s

95th percentile per-packet one-way delay: 47.318 ms

Loss rate: 0.18%



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



Run 4: Statistics of QUIC Cubic (toy)

Start at: Tue, 27 Jun 2017 02:28:24 +0000

End at: Tue, 27 Jun 2017 02:28:54 +0000

Local clock offset: -0.232 ms

Remote clock offset: -4.831 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:28:13 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 17.58 Mbit/s

95th percentile per-packet one-way delay: 48.135 ms

Loss rate: 0.06%

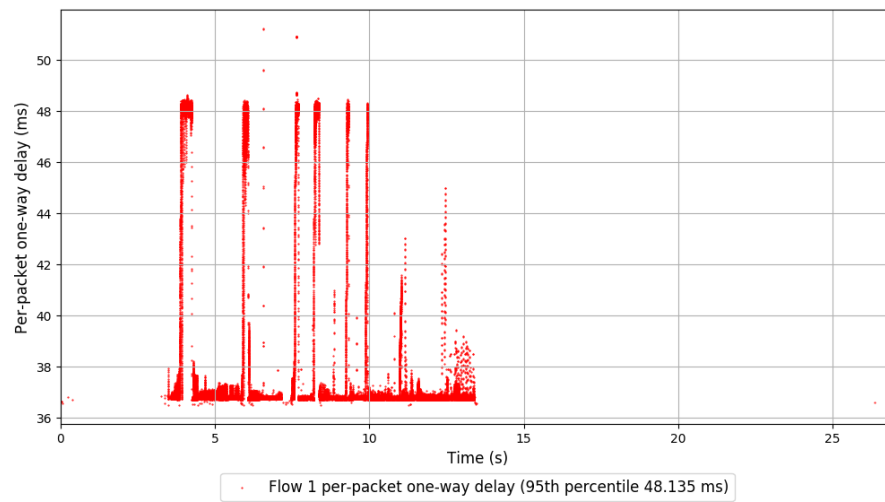
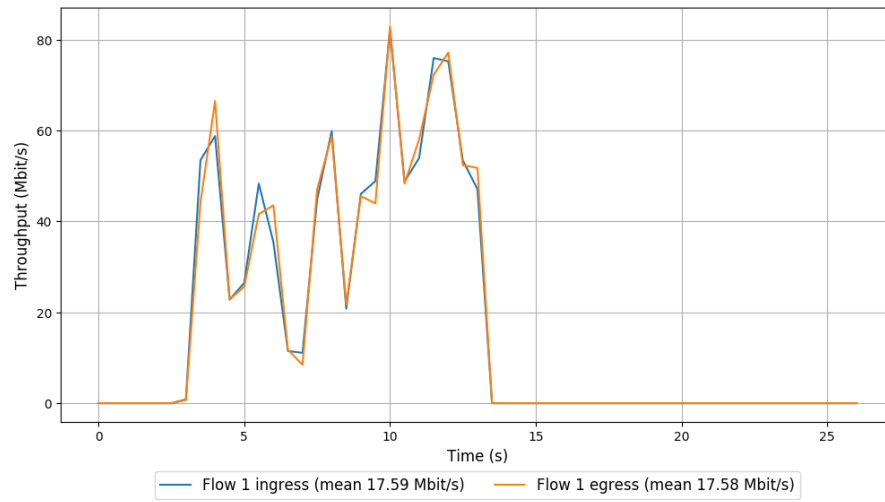
-- Flow 1:

Average throughput: 17.58 Mbit/s

95th percentile per-packet one-way delay: 48.135 ms

Loss rate: 0.06%

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



Run 5: Statistics of QUIC Cubic (toy)

Start at: Tue, 27 Jun 2017 02:48:14 +0000

End at: Tue, 27 Jun 2017 02:48:44 +0000

Local clock offset: -0.118 ms

Remote clock offset: -2.484 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:28:14 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 15.34 Mbit/s

95th percentile per-packet one-way delay: 47.043 ms

Loss rate: 0.08%

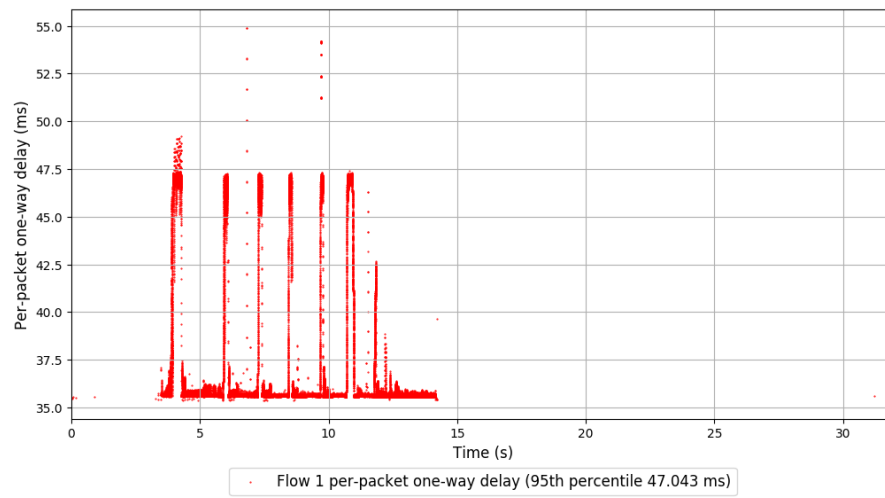
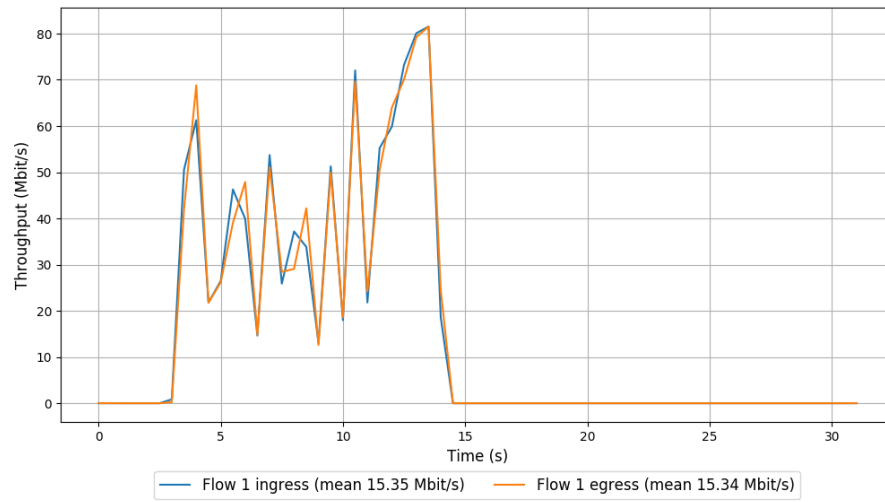
-- Flow 1:

Average throughput: 15.34 Mbit/s

95th percentile per-packet one-way delay: 47.043 ms

Loss rate: 0.08%

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



Run 6: Statistics of QUIC Cubic (toy)

Start at: Tue, 27 Jun 2017 03:07:59 +0000

End at: Tue, 27 Jun 2017 03:08:29 +0000

Local clock offset: -0.166 ms

Remote clock offset: -5.381 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:28:16 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 15.66 Mbit/s

95th percentile per-packet one-way delay: 38.861 ms

Loss rate: 0.00%

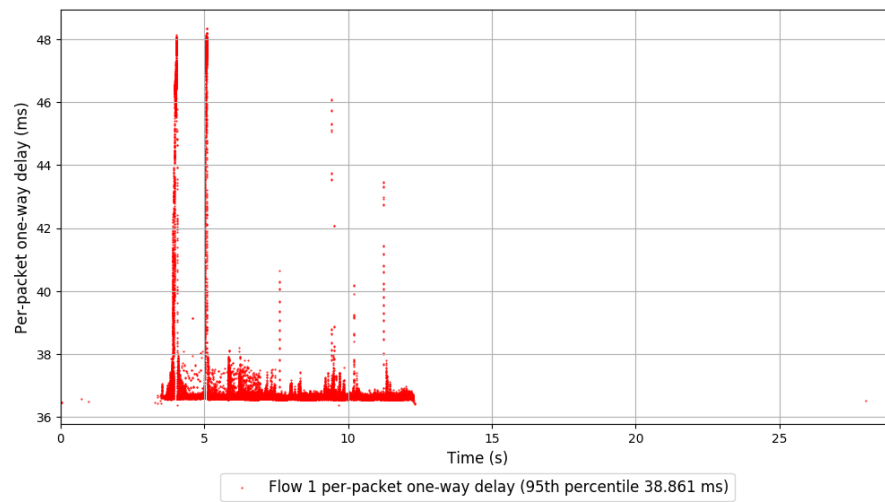
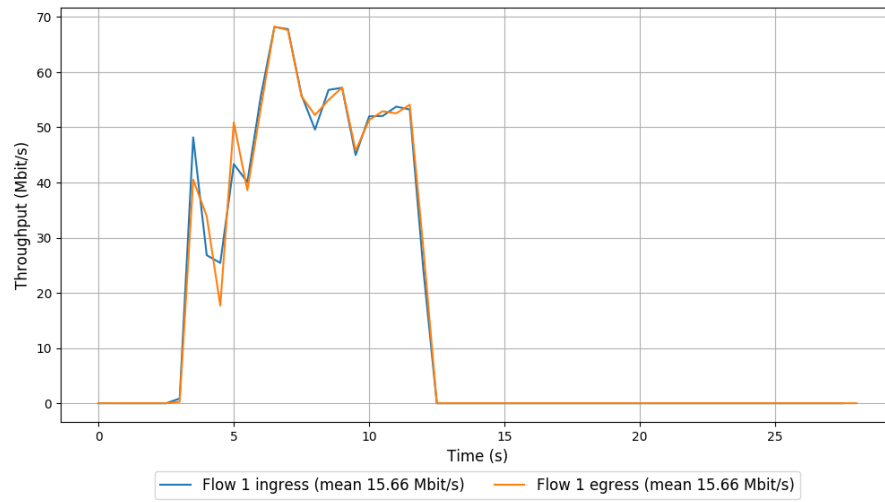
-- Flow 1:

Average throughput: 15.66 Mbit/s

95th percentile per-packet one-way delay: 38.861 ms

Loss rate: 0.00%

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



Run 7: Statistics of QUIC Cubic (toy)

Start at: Tue, 27 Jun 2017 03:27:45 +0000

End at: Tue, 27 Jun 2017 03:28:15 +0000

Local clock offset: -0.068 ms

Remote clock offset: -4.984 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:28:18 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 15.91 Mbit/s

95th percentile per-packet one-way delay: 47.953 ms

Loss rate: 0.01%

-- Flow 1:

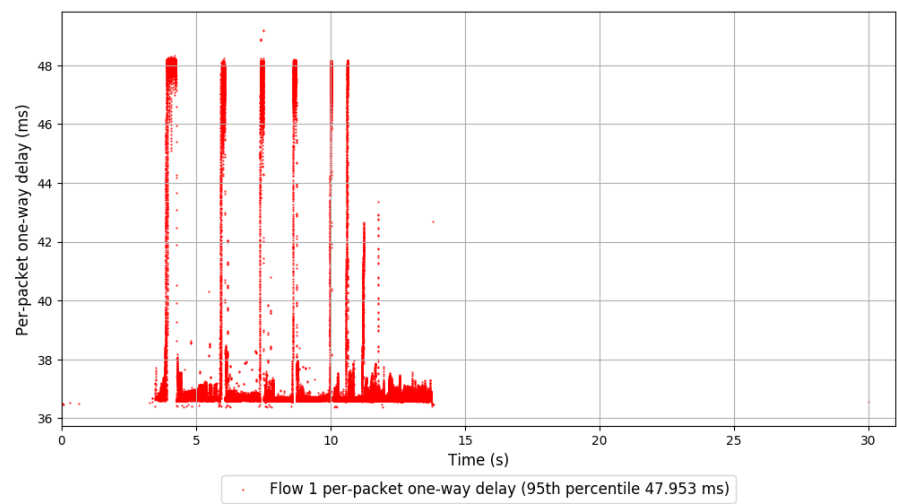
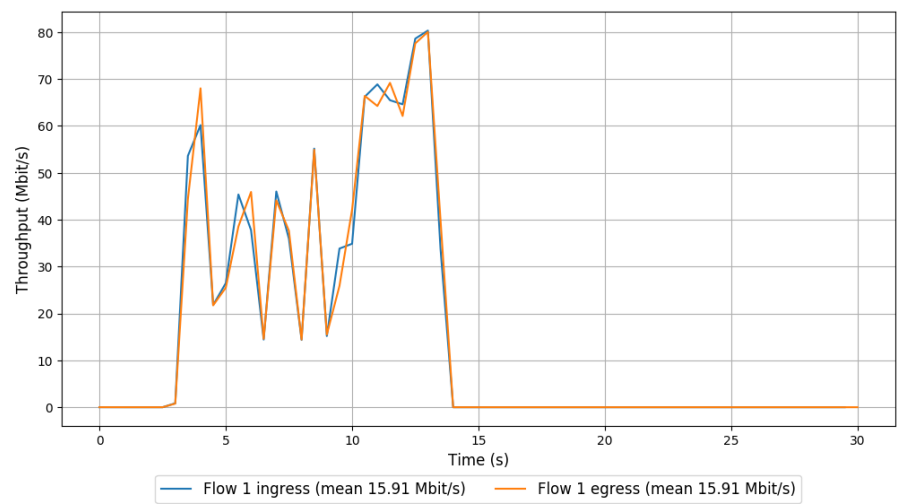
Average throughput: 15.91 Mbit/s

95th percentile per-packet one-way delay: 47.953 ms

Loss rate: 0.01%



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



Run 8: Statistics of QUIC Cubic (toy)

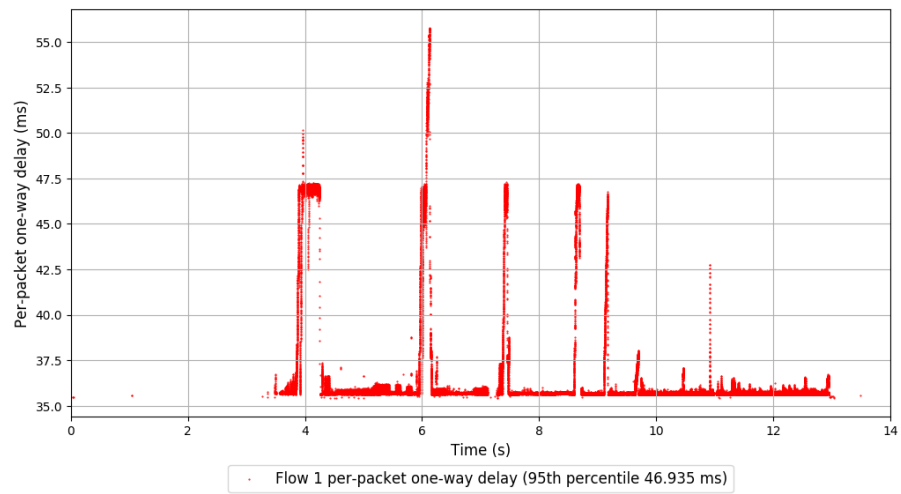
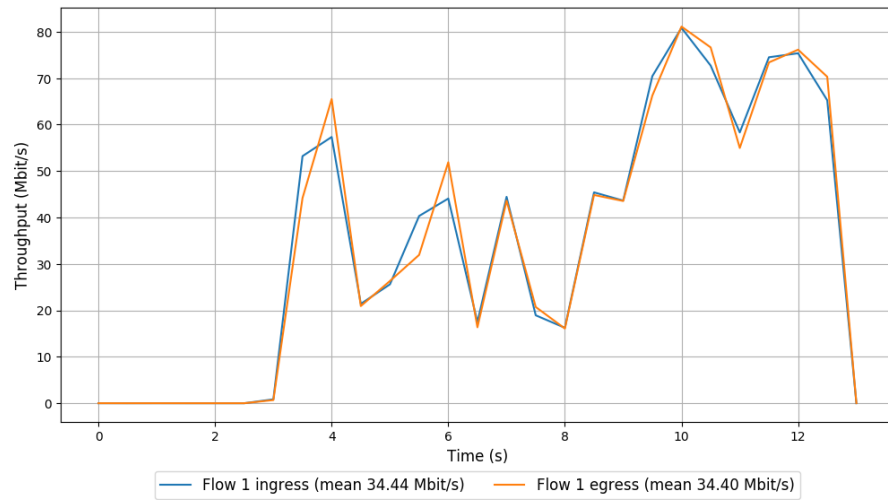
Start at: Tue, 27 Jun 2017 03:47:23 +0000

End at: Tue, 27 Jun 2017 03:47:53 +0000

Local clock offset: 0.042 ms

Remote clock offset: -5.288 ms

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



Run 9: Statistics of QUIC Cubic (toy)

Start at: Tue, 27 Jun 2017 04:06:58 +0000

End at: Tue, 27 Jun 2017 04:07:28 +0000

Local clock offset: 0.168 ms

Remote clock offset: -4.754 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:28:21 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 16.64 Mbit/s

95th percentile per-packet one-way delay: 46.833 ms

Loss rate: 0.09%

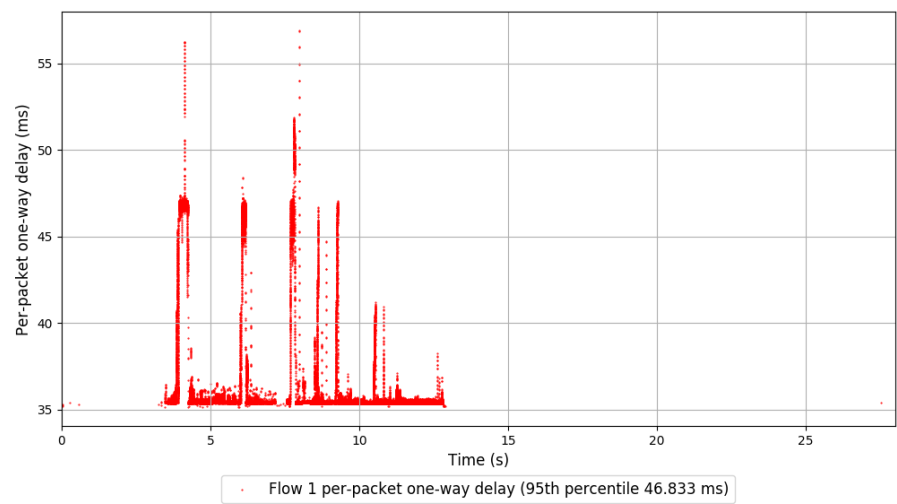
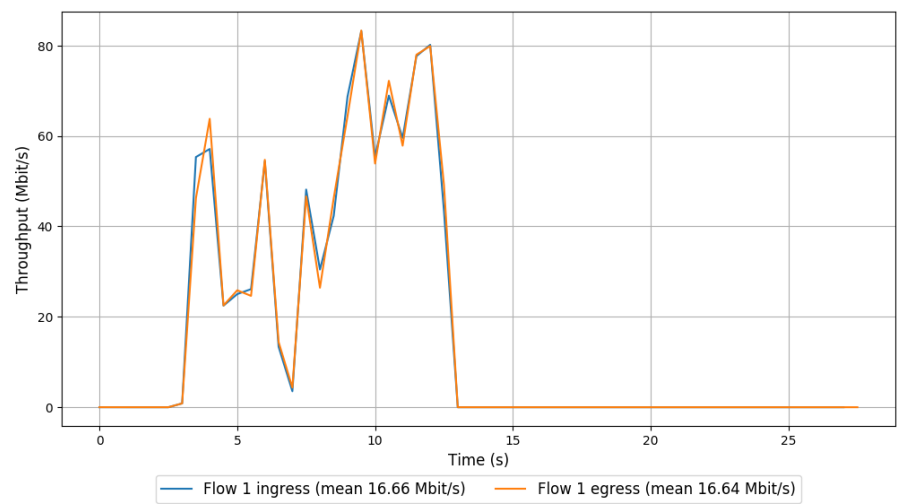
-- Flow 1:

Average throughput: 16.64 Mbit/s

95th percentile per-packet one-way delay: 46.833 ms

Loss rate: 0.09%

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



Run 10: Statistics of QUIC Cubic (toy)

Start at: Tue, 27 Jun 2017 04:26:34 +0000

End at: Tue, 27 Jun 2017 04:27:04 +0000

Local clock offset: 0.369 ms

Remote clock offset: -3.039 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:28:23 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 14.18 Mbit/s

95th percentile per-packet one-way delay: 47.508 ms

Loss rate: 0.43%

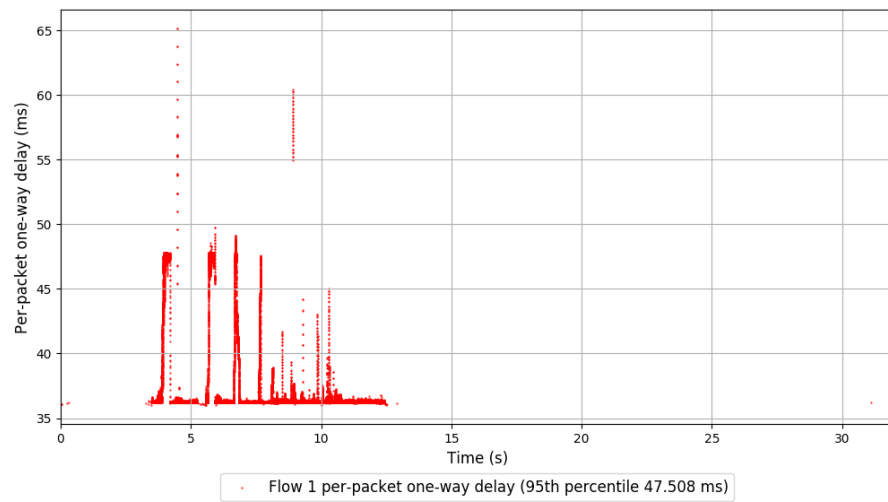
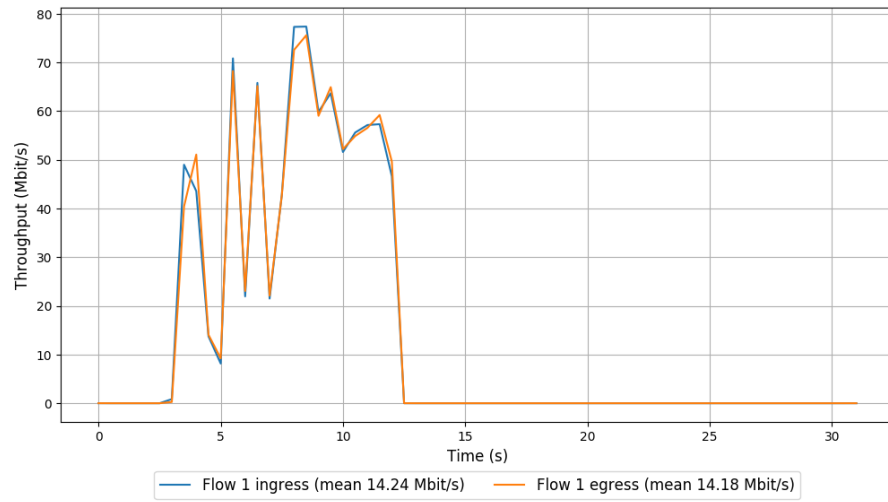
-- Flow 1:

Average throughput: 14.18 Mbit/s

95th percentile per-packet one-way delay: 47.508 ms

Loss rate: 0.43%

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



Run 1: Statistics of Saturator

Start at: Tue, 27 Jun 2017 01:35:36 +0000

End at: Tue, 27 Jun 2017 01:36:06 +0000

Local clock offset: -0.345 ms

Remote clock offset: -5.25 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:28:25 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 24.65 Mbit/s

95th percentile per-packet one-way delay: 36.603 ms

Loss rate: 0.43%

-- Flow 1:

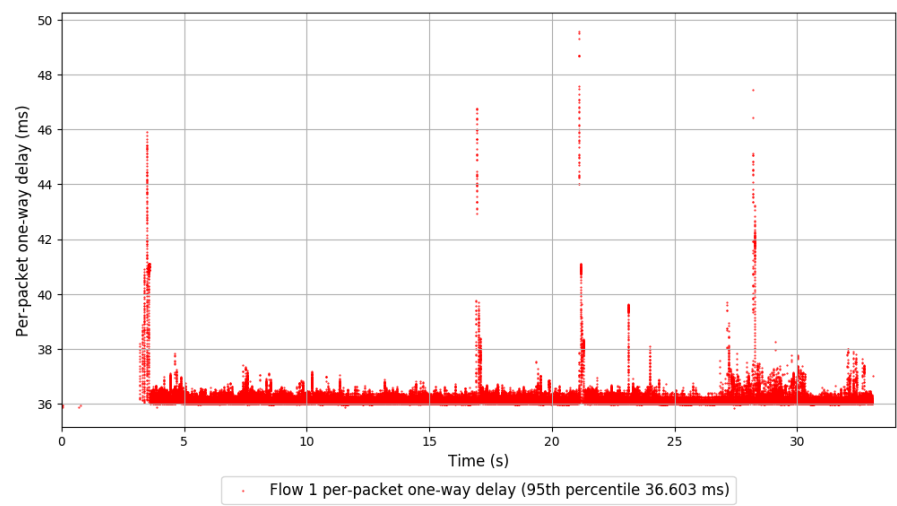
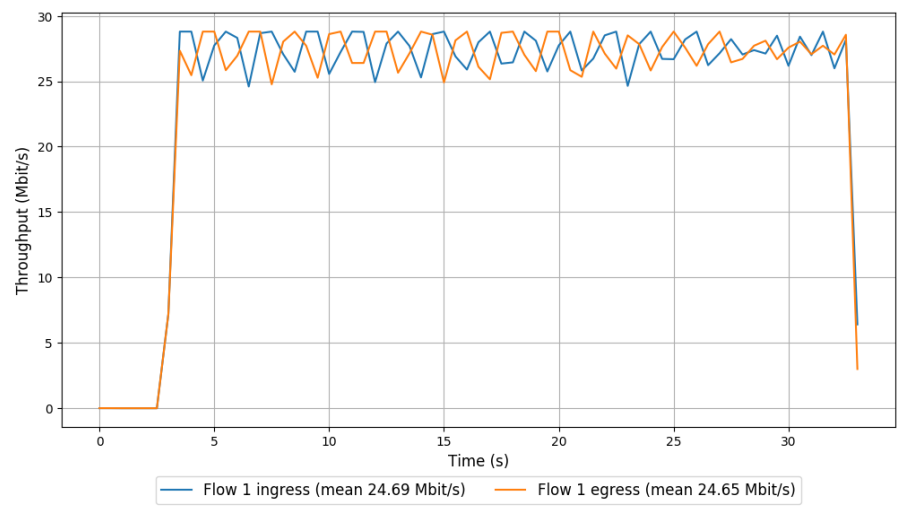
Average throughput: 24.65 Mbit/s

95th percentile per-packet one-way delay: 36.603 ms

Loss rate: 0.43%



Run 1: Report of Saturator — Data Link



Run 2: Statistics of Saturator

Start at: Tue, 27 Jun 2017 01:55:16 +0000

End at: Tue, 27 Jun 2017 01:55:46 +0000

Local clock offset: -0.37 ms

Remote clock offset: -4.965 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:28:27 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 24.16 Mbit/s

95th percentile per-packet one-way delay: 38.189 ms

Loss rate: 0.30%

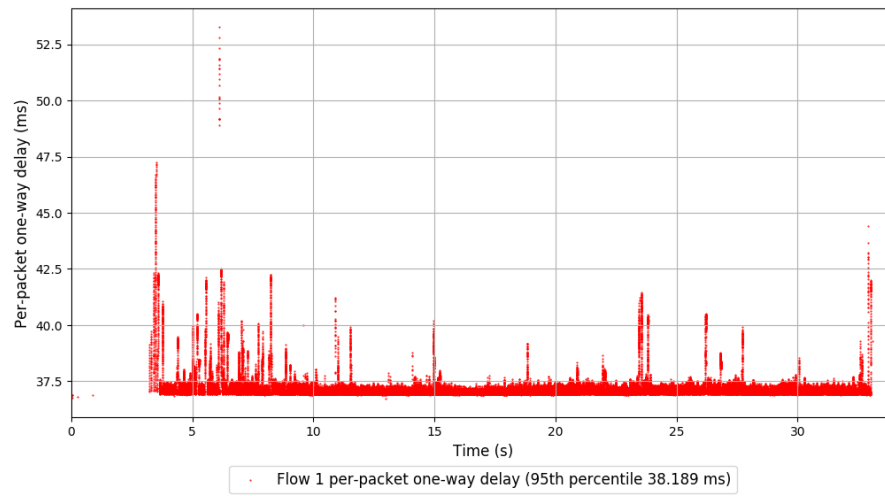
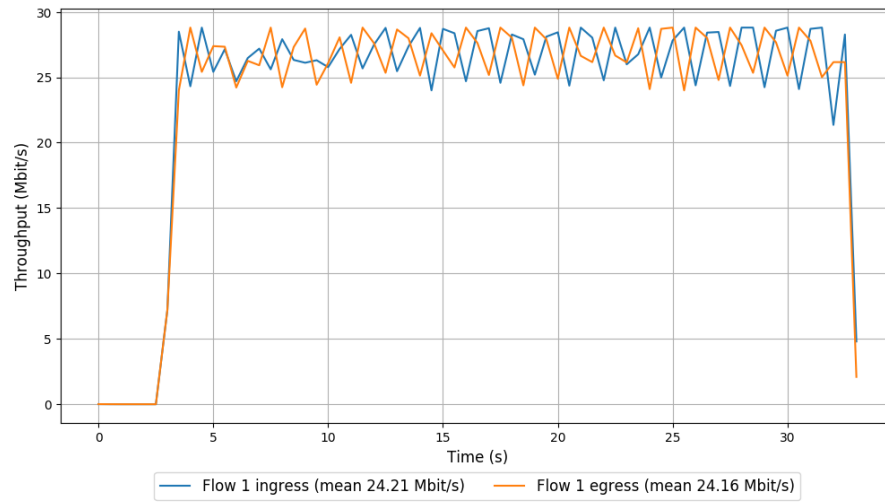
-- Flow 1:

Average throughput: 24.16 Mbit/s

95th percentile per-packet one-way delay: 38.189 ms

Loss rate: 0.30%

## Run 2: Report of Saturator — Data Link



Run 3: Statistics of Saturator

Start at: Tue, 27 Jun 2017 02:15:12 +0000

End at: Tue, 27 Jun 2017 02:15:42 +0000

Local clock offset: -0.47 ms

Remote clock offset: -4.978 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:28:29 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 24.19 Mbit/s

95th percentile per-packet one-way delay: 37.071 ms

Loss rate: 0.31%

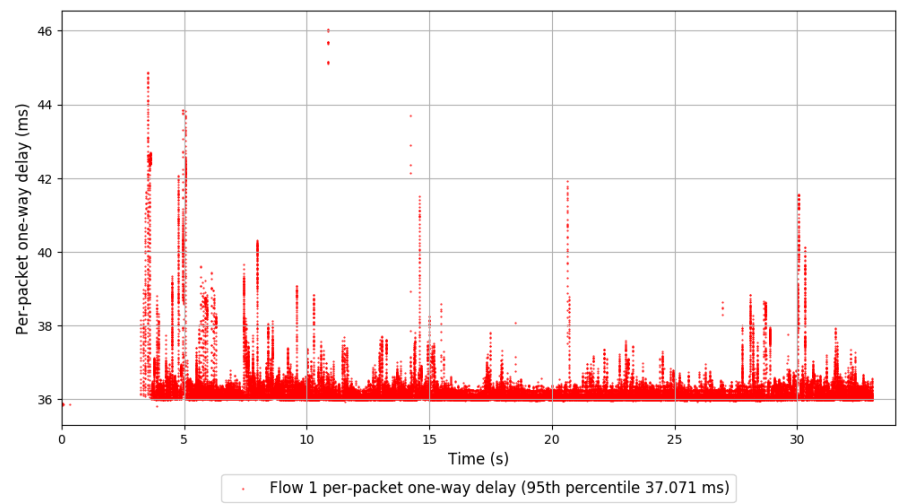
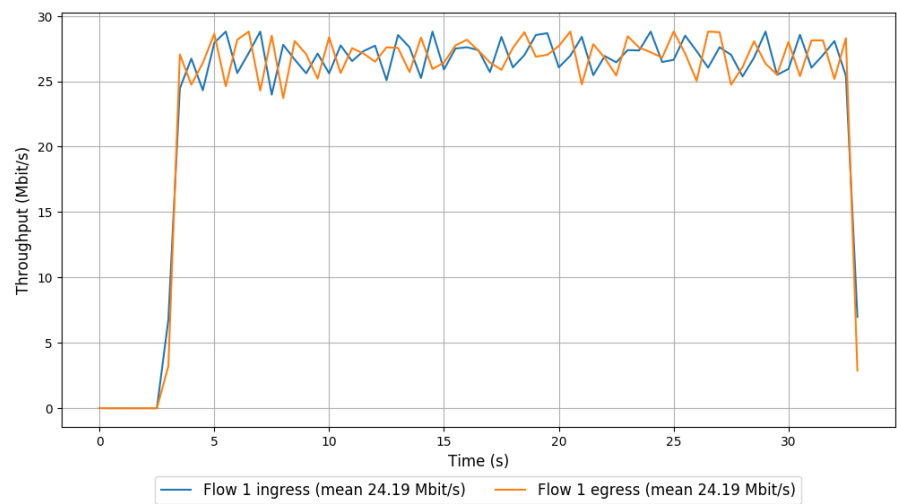
-- Flow 1:

Average throughput: 24.19 Mbit/s

95th percentile per-packet one-way delay: 37.071 ms

Loss rate: 0.31%

Run 3: Report of Saturator — Data Link



Run 4: Statistics of Saturator

Start at: Tue, 27 Jun 2017 02:35:00 +0000

End at: Tue, 27 Jun 2017 02:35:30 +0000

Local clock offset: -0.242 ms

Remote clock offset: -5.283 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:28:31 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 24.74 Mbit/s

95th percentile per-packet one-way delay: 36.207 ms

Loss rate: 0.29%

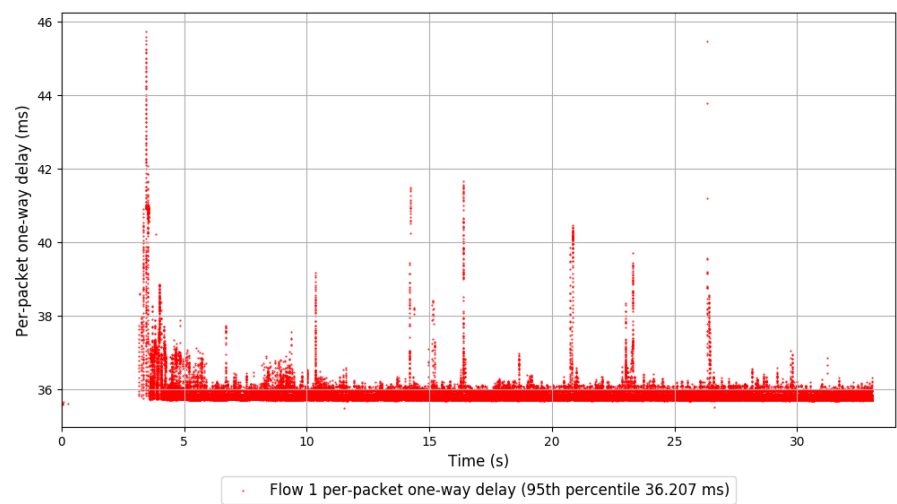
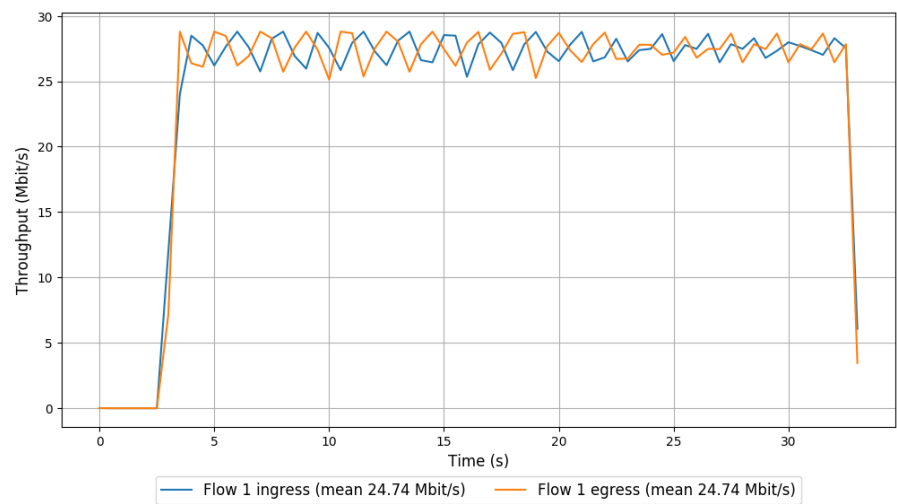
-- Flow 1:

Average throughput: 24.74 Mbit/s

95th percentile per-packet one-way delay: 36.207 ms

Loss rate: 0.29%

Run 4: Report of Saturator — Data Link



Run 5: Statistics of Saturator

Start at: Tue, 27 Jun 2017 02:54:49 +0000

End at: Tue, 27 Jun 2017 02:55:19 +0000

Local clock offset: -0.06 ms

Remote clock offset: -2.88 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:28:33 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 24.37 Mbit/s

95th percentile per-packet one-way delay: 37.156 ms

Loss rate: 0.39%

-- Flow 1:

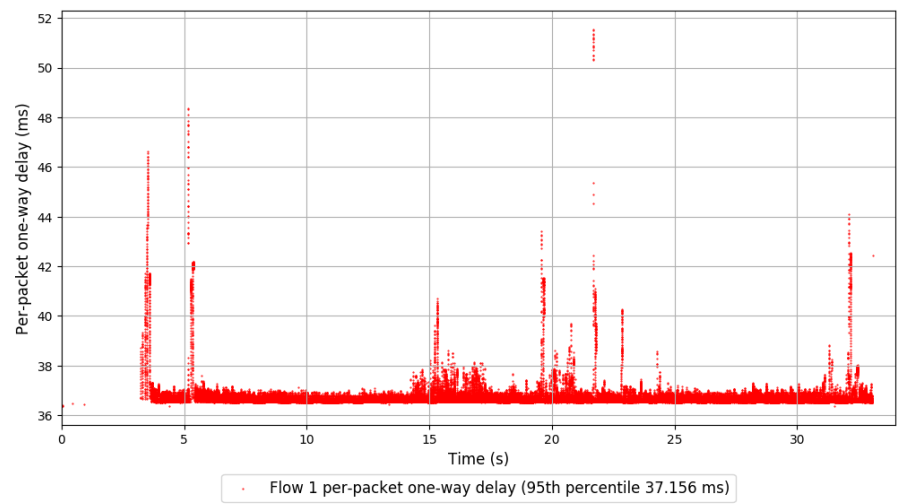
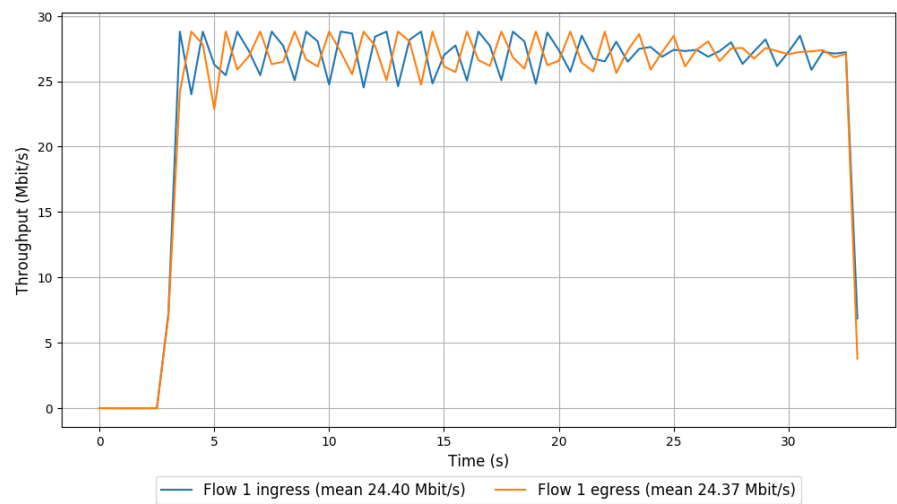
Average throughput: 24.37 Mbit/s

95th percentile per-packet one-way delay: 37.156 ms

Loss rate: 0.39%



Run 5: Report of Saturator — Data Link



Run 6: Statistics of Saturator

Start at: Tue, 27 Jun 2017 03:14:33 +0000

End at: Tue, 27 Jun 2017 03:15:03 +0000

Local clock offset: -0.149 ms

Remote clock offset: -5.006 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:28:36 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 24.67 Mbit/s

95th percentile per-packet one-way delay: 36.468 ms

Loss rate: 0.29%

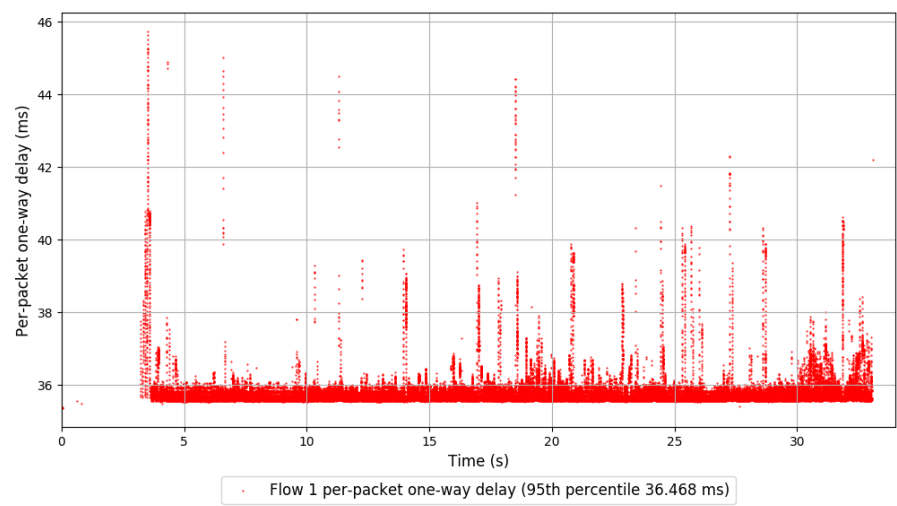
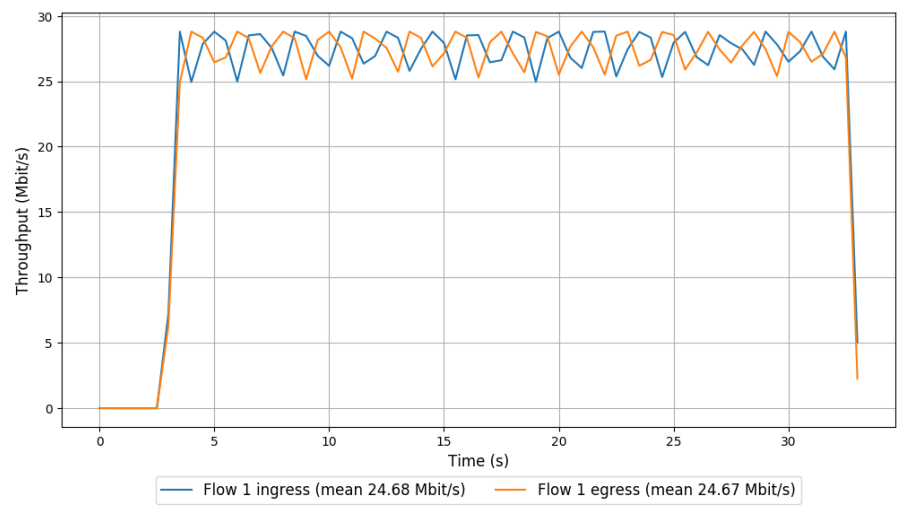
-- Flow 1:

Average throughput: 24.67 Mbit/s

95th percentile per-packet one-way delay: 36.468 ms

Loss rate: 0.29%

Run 6: Report of Saturator — Data Link



Run 7: Statistics of Saturator

Start at: Tue, 27 Jun 2017 03:34:19 +0000

End at: Tue, 27 Jun 2017 03:34:49 +0000

Local clock offset: -0.16 ms

Remote clock offset: -4.962 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:28:38 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 24.67 Mbit/s

95th percentile per-packet one-way delay: 36.225 ms

Loss rate: 0.29%

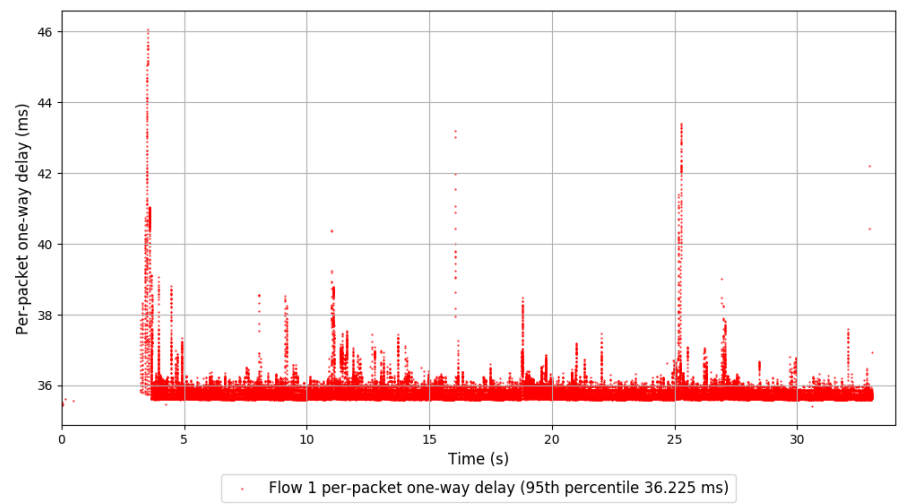
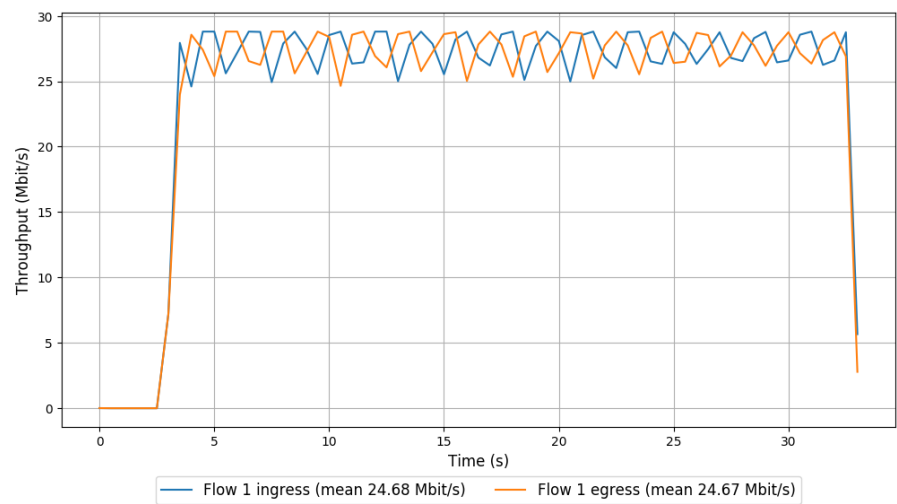
-- Flow 1:

Average throughput: 24.67 Mbit/s

95th percentile per-packet one-way delay: 36.225 ms

Loss rate: 0.29%

Run 7: Report of Saturator — Data Link



Run 8: Statistics of Saturator

Start at: Tue, 27 Jun 2017 03:53:57 +0000

End at: Tue, 27 Jun 2017 03:54:27 +0000

Local clock offset: 0.128 ms

Remote clock offset: -2.788 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:28:40 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 24.66 Mbit/s

95th percentile per-packet one-way delay: 36.126 ms

Loss rate: 0.36%

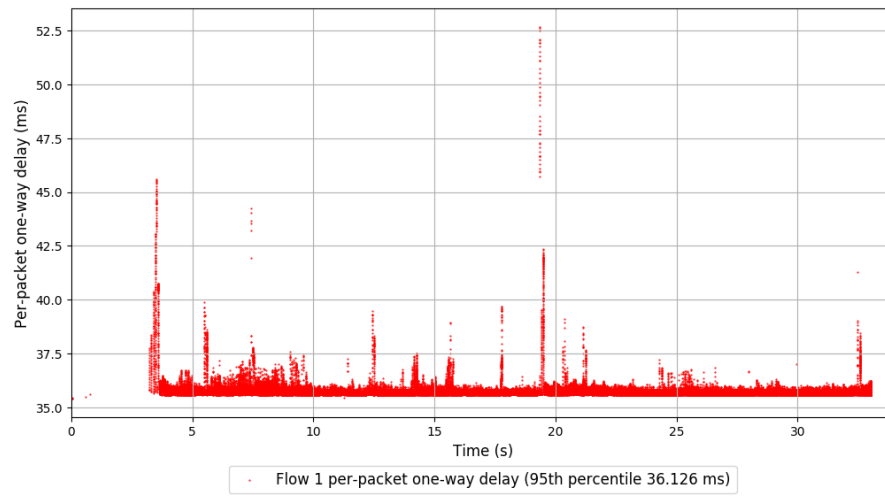
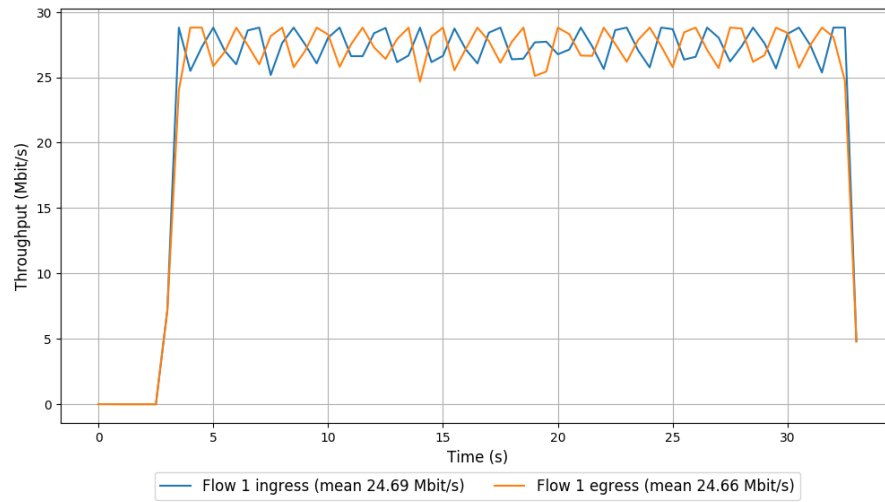
-- Flow 1:

Average throughput: 24.66 Mbit/s

95th percentile per-packet one-way delay: 36.126 ms

Loss rate: 0.36%

### Run 8: Report of Saturator — Data Link



Run 9: Statistics of Saturator

Start at: Tue, 27 Jun 2017 04:13:33 +0000

End at: Tue, 27 Jun 2017 04:14:03 +0000

Local clock offset: 0.289 ms

Remote clock offset: -2.732 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:28:42 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 24.42 Mbit/s

95th percentile per-packet one-way delay: 36.687 ms

Loss rate: 0.31%

-- Flow 1:

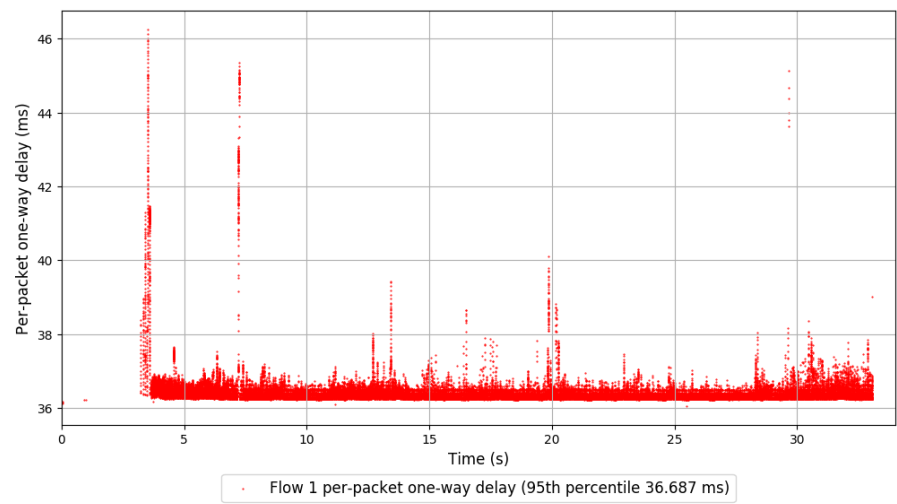
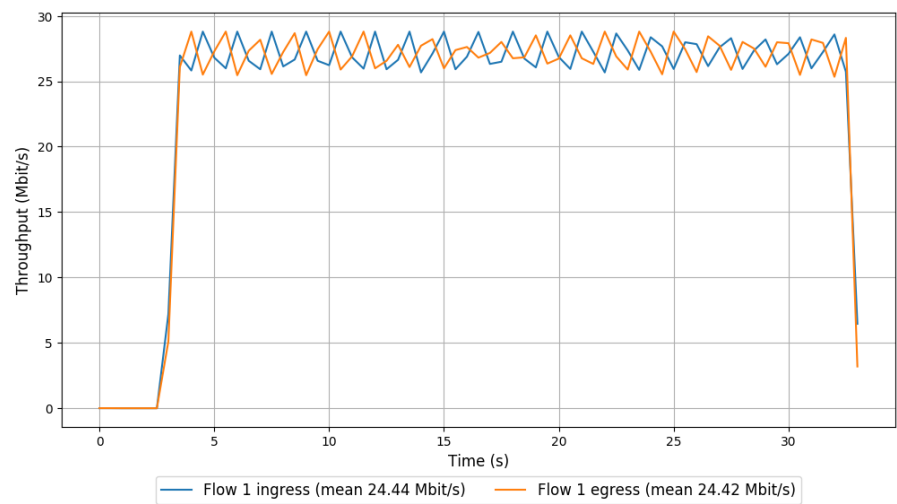
Average throughput: 24.42 Mbit/s

95th percentile per-packet one-way delay: 36.687 ms

Loss rate: 0.31%



Run 9: Report of Saturator — Data Link



Run 10: Statistics of Saturator

Start at: Tue, 27 Jun 2017 04:33:08 +0000

End at: Tue, 27 Jun 2017 04:33:38 +0000

Local clock offset: 0.391 ms

Remote clock offset: -4.7 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:28:48 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 24.46 Mbit/s

95th percentile per-packet one-way delay: 36.722 ms

Loss rate: 0.30%

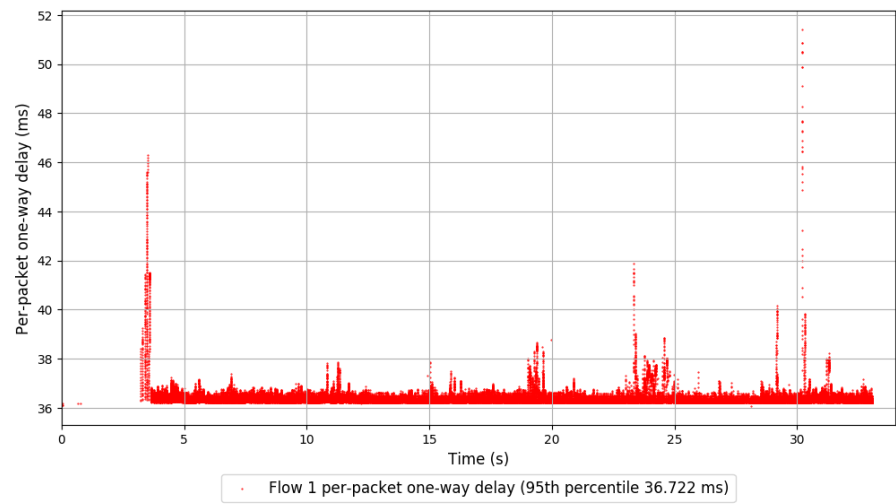
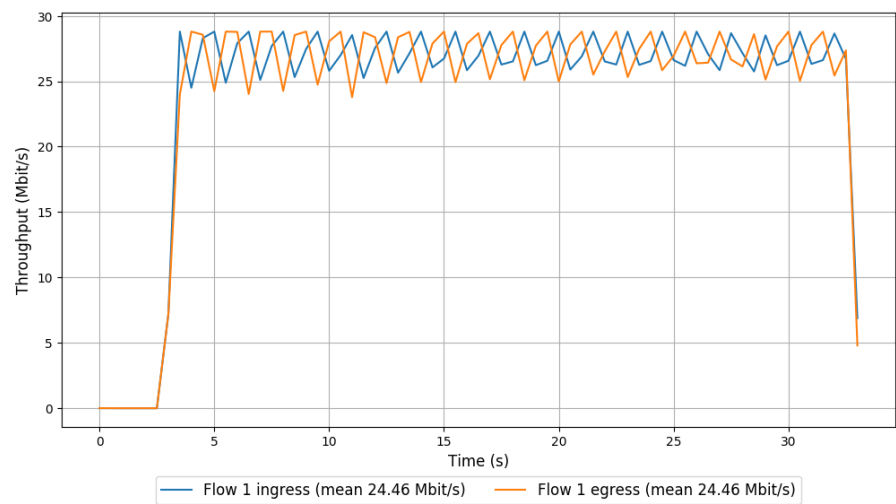
-- Flow 1:

Average throughput: 24.46 Mbit/s

95th percentile per-packet one-way delay: 36.722 ms

Loss rate: 0.30%

Run 10: Report of Saturator — Data Link



Run 1: Statistics of SCReAM

Start at: Tue, 27 Jun 2017 01:27:46 +0000

End at: Tue, 27 Jun 2017 01:28:16 +0000

Local clock offset: -0.322 ms

Remote clock offset: -4.783 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:28:48 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 37.143 ms

Loss rate: 0.25%

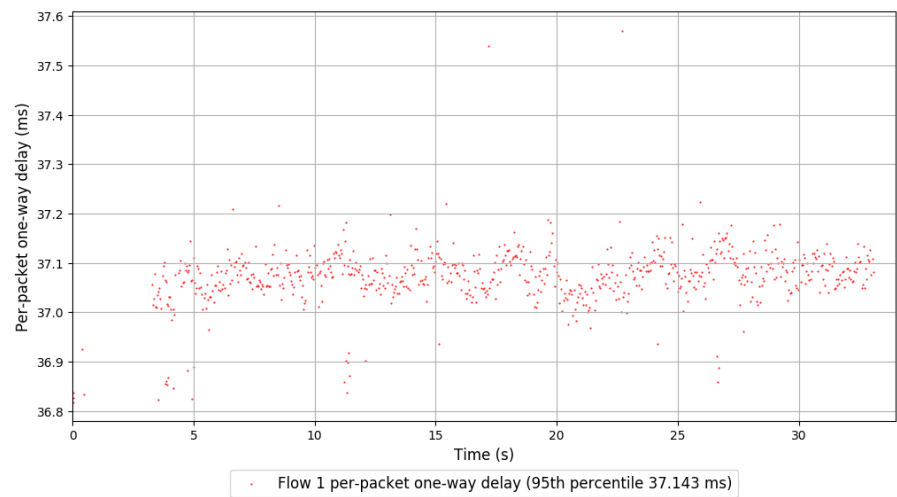
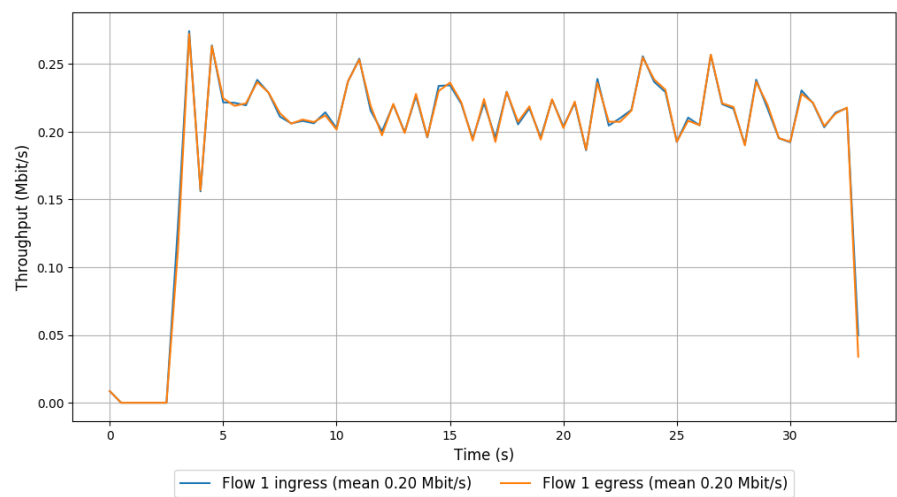
-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 37.143 ms

Loss rate: 0.25%

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

Start at: Tue, 27 Jun 2017 01:47:28 +0000

End at: Tue, 27 Jun 2017 01:47:58 +0000

Local clock offset: -0.454 ms

Remote clock offset: -2.748 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:28:48 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 37.057 ms

Loss rate: 0.25%

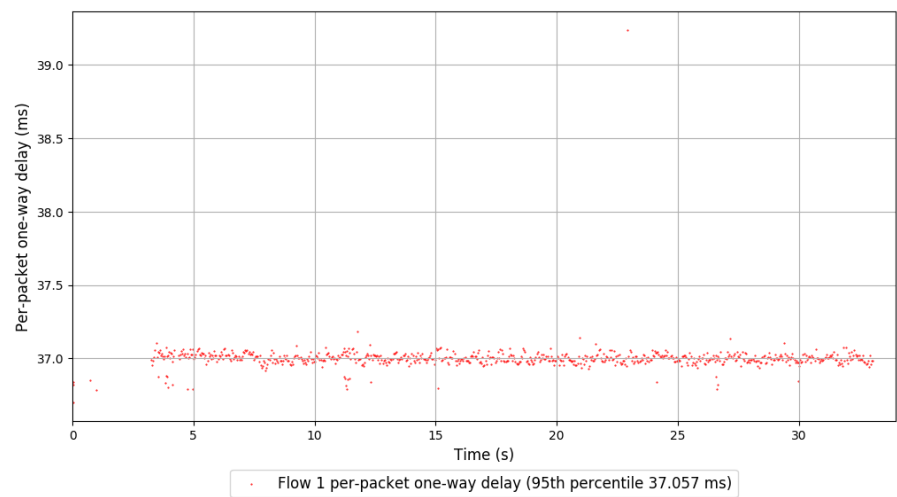
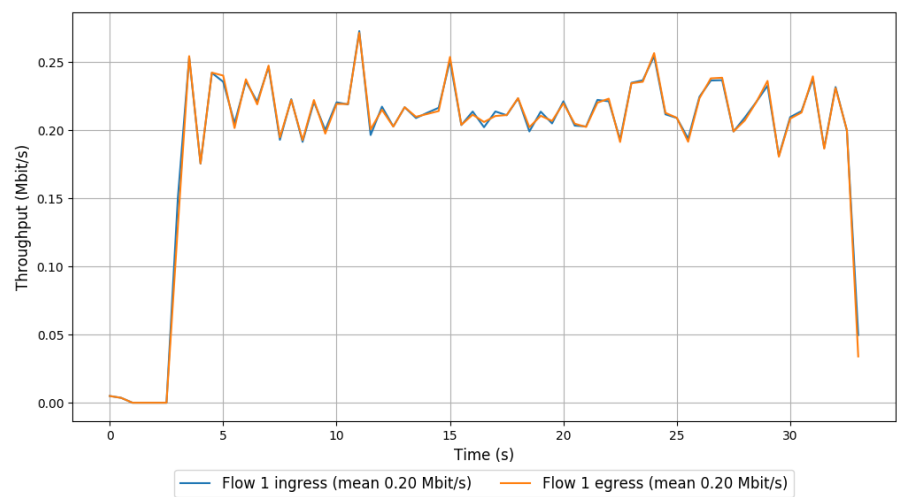
-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 37.057 ms

Loss rate: 0.25%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SCReAM

Start at: Tue, 27 Jun 2017 02:07:20 +0000

End at: Tue, 27 Jun 2017 02:07:50 +0000

Local clock offset: -0.485 ms

Remote clock offset: -5.37 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:28:48 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 37.113 ms

Loss rate: 0.26%

-- Flow 1:

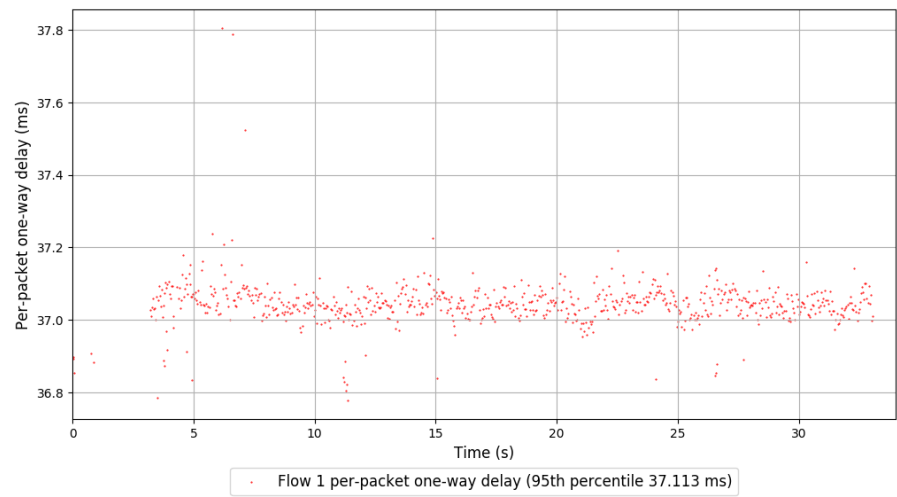
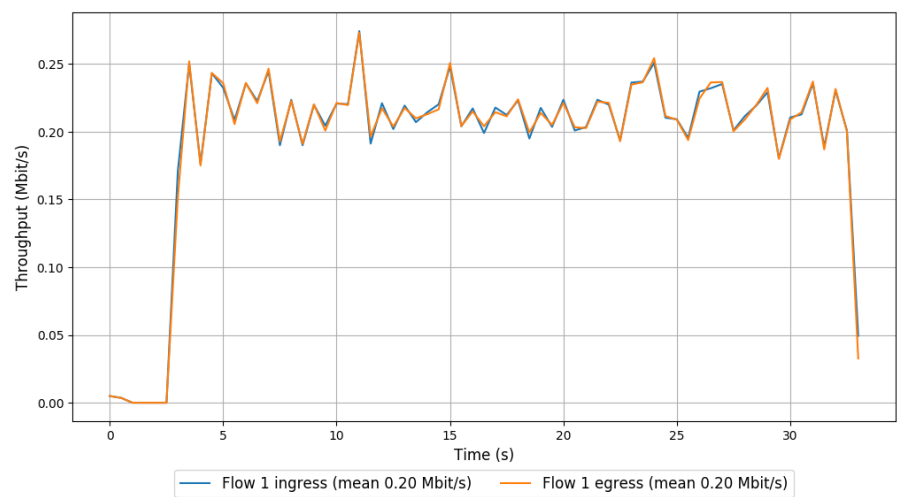
Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 37.113 ms

Loss rate: 0.26%



Run 3: Report of SReAM — Data Link



Run 4: Statistics of SCReAM

Start at: Tue, 27 Jun 2017 02:27:09 +0000

End at: Tue, 27 Jun 2017 02:27:39 +0000

Local clock offset: -0.241 ms

Remote clock offset: -2.471 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:28:48 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 36.905 ms

Loss rate: 0.25%

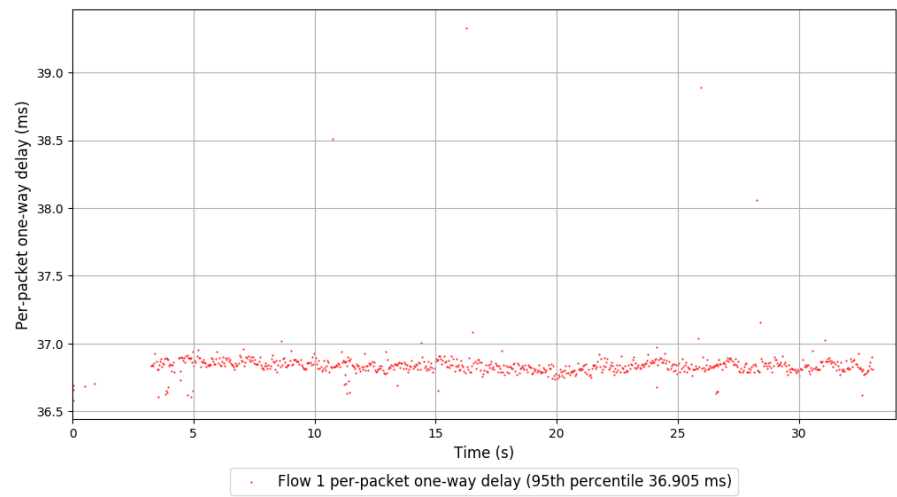
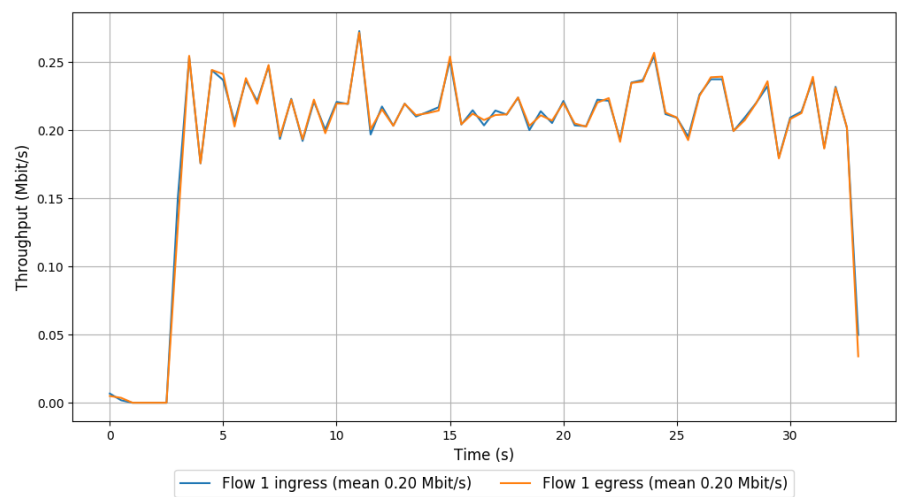
-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 36.905 ms

Loss rate: 0.25%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

Start at: Tue, 27 Jun 2017 02:46:58 +0000

End at: Tue, 27 Jun 2017 02:47:28 +0000

Local clock offset: -0.092 ms

Remote clock offset: -5.036 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:28:48 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 36.733 ms

Loss rate: 0.25%

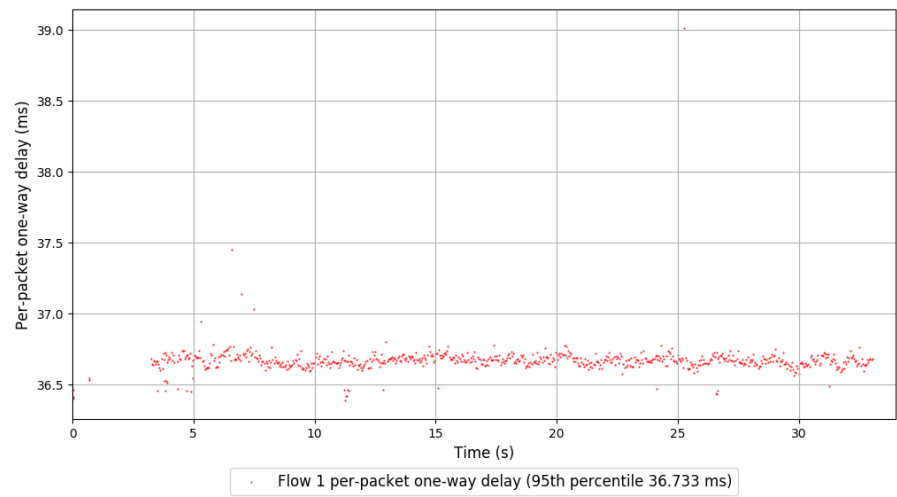
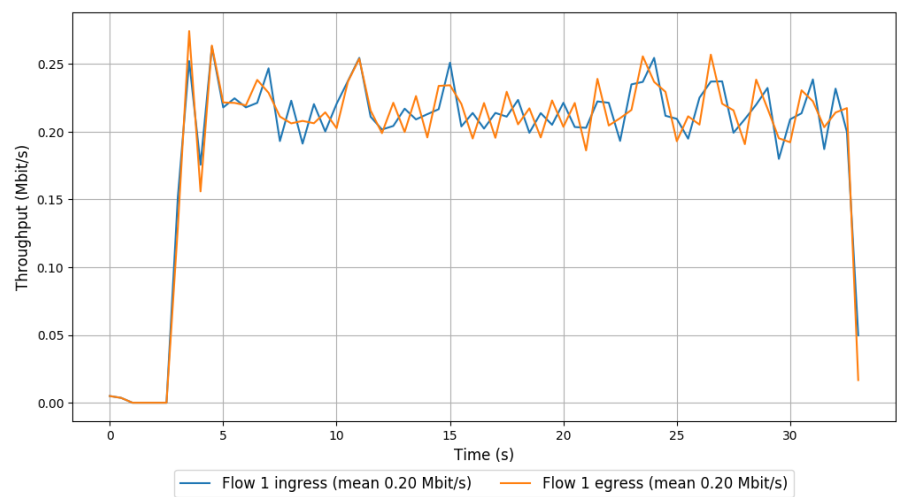
-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 36.733 ms

Loss rate: 0.25%

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SCReAM

Start at: Tue, 27 Jun 2017 03:06:44 +0000

End at: Tue, 27 Jun 2017 03:07:14 +0000

Local clock offset: -0.146 ms

Remote clock offset: -3.379 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:28:48 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 35.789 ms

Loss rate: 0.25%

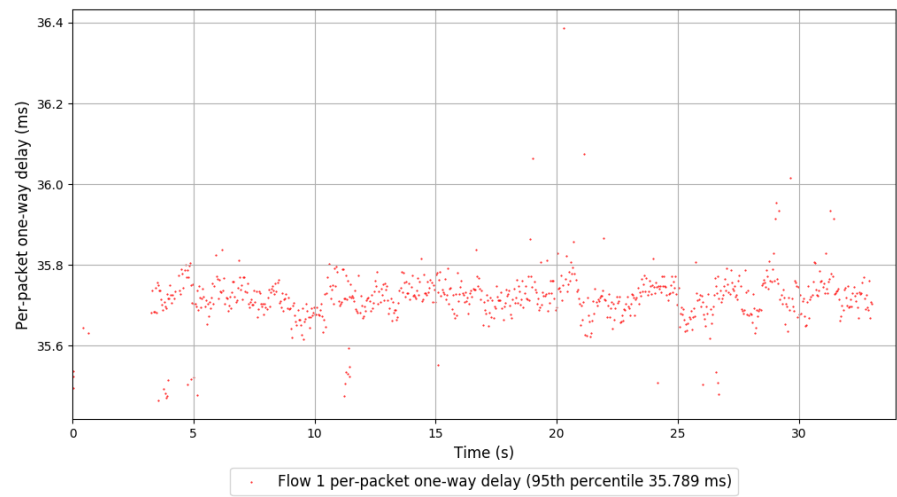
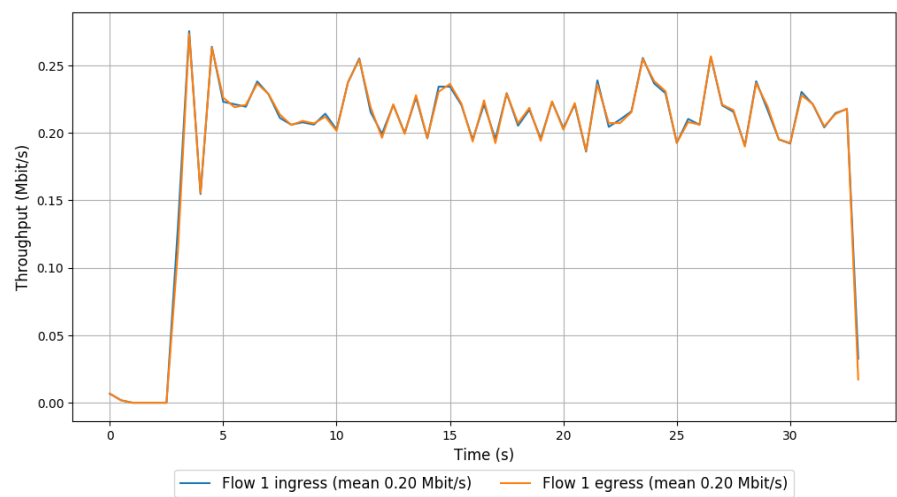
-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 35.789 ms

Loss rate: 0.25%

Run 6: Report of SReAM — Data Link



Run 7: Statistics of SCReAM

Start at: Tue, 27 Jun 2017 03:26:29 +0000

End at: Tue, 27 Jun 2017 03:26:59 +0000

Local clock offset: -0.165 ms

Remote clock offset: -2.401 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:28:48 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 36.689 ms

Loss rate: 0.25%

-- Flow 1:

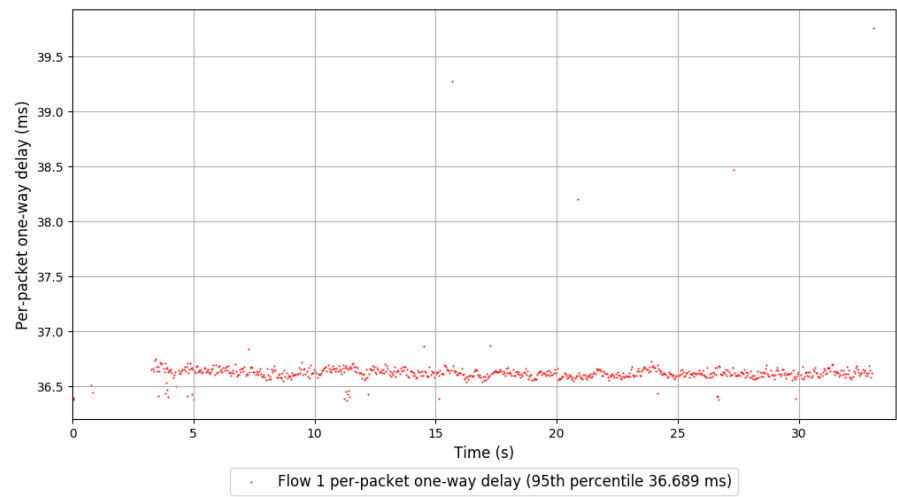
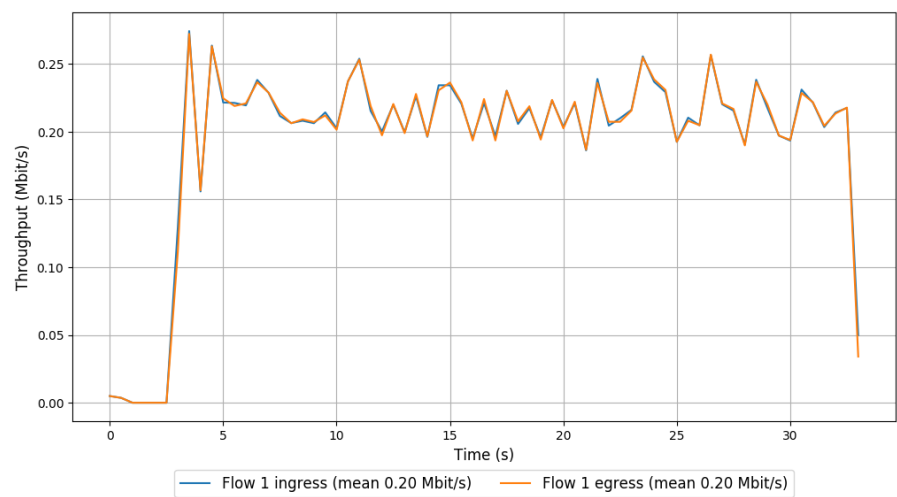
Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 36.689 ms

Loss rate: 0.25%



Run 7: Report of SReAM — Data Link



Run 8: Statistics of SCReAM

Start at: Tue, 27 Jun 2017 03:46:08 +0000

End at: Tue, 27 Jun 2017 03:46:38 +0000

Local clock offset: 0.009 ms

Remote clock offset: -3.246 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:28:49 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 36.683 ms

Loss rate: 0.25%

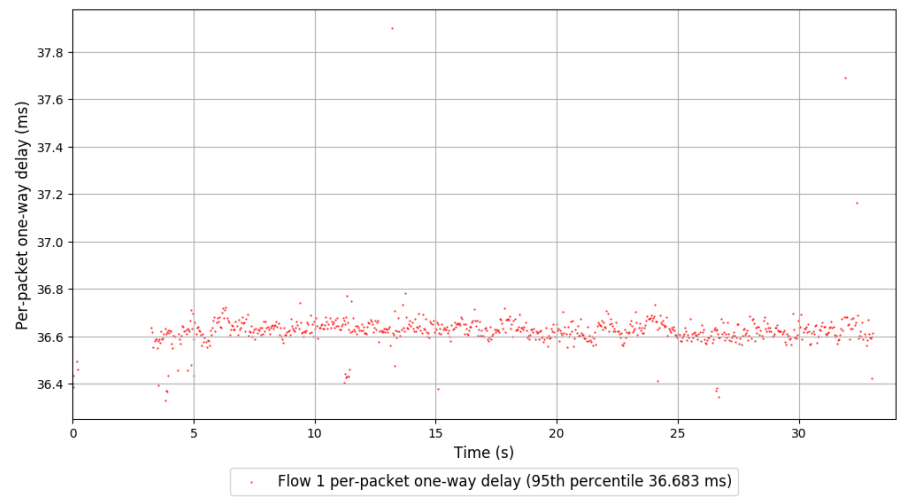
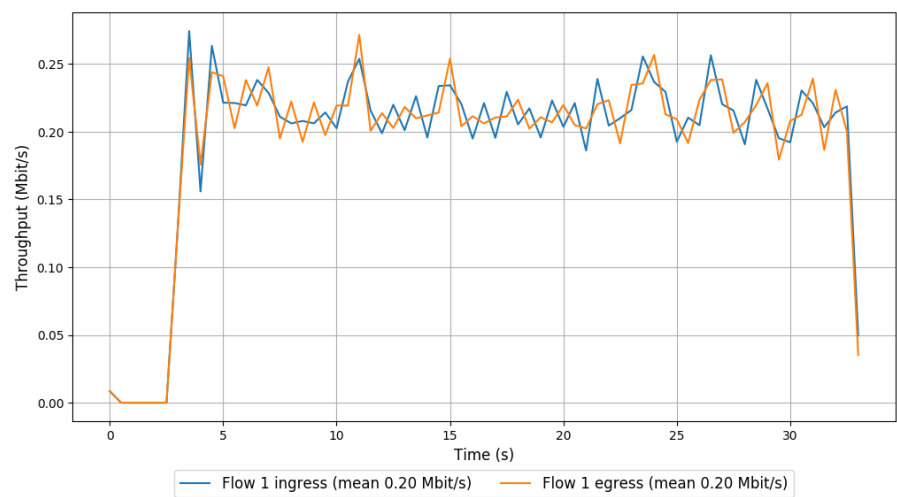
-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 36.683 ms

Loss rate: 0.25%

Run 8: Report of SReAM — Data Link



Run 9: Statistics of SCReAM

Start at: Tue, 27 Jun 2017 04:05:43 +0000

End at: Tue, 27 Jun 2017 04:06:13 +0000

Local clock offset: 0.255 ms

Remote clock offset: -2.747 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:28:49 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 36.480 ms

Loss rate: 0.25%

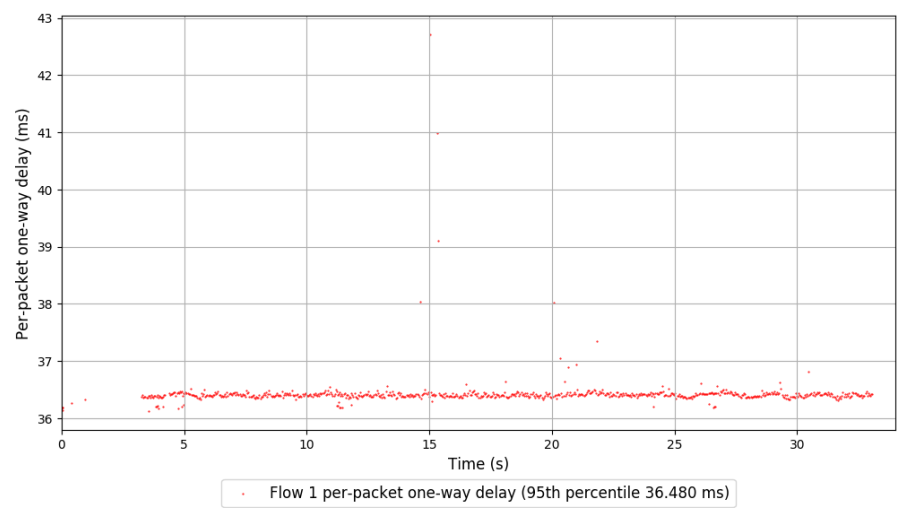
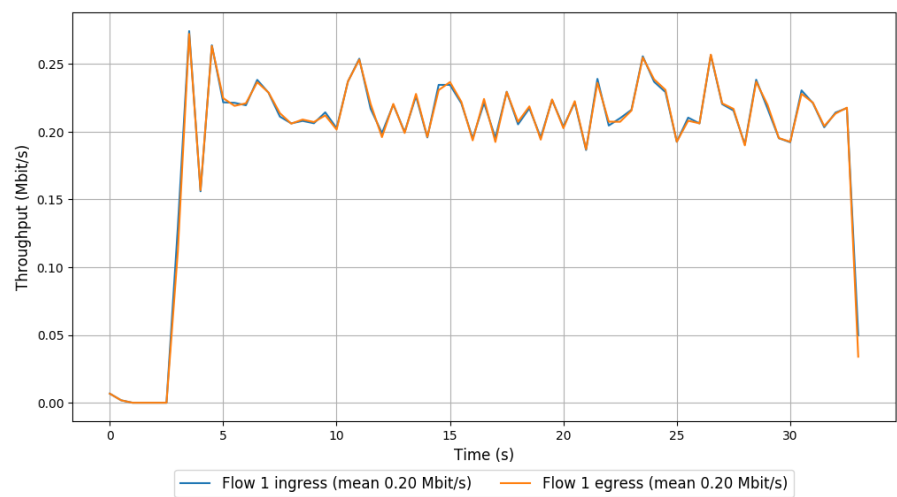
-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 36.480 ms

Loss rate: 0.25%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SCReAM

Start at: Tue, 27 Jun 2017 04:25:19 +0000

End at: Tue, 27 Jun 2017 04:25:49 +0000

Local clock offset: 0.363 ms

Remote clock offset: -2.307 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:28:50 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 36.409 ms

Loss rate: 0.25%

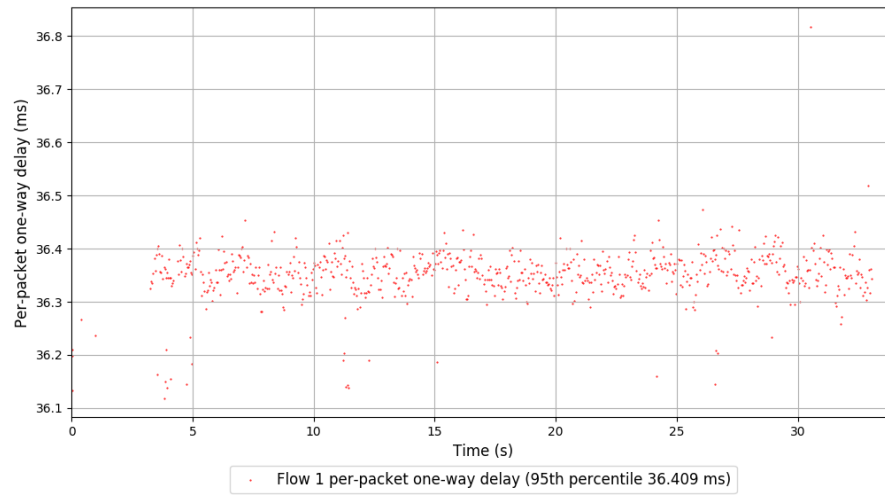
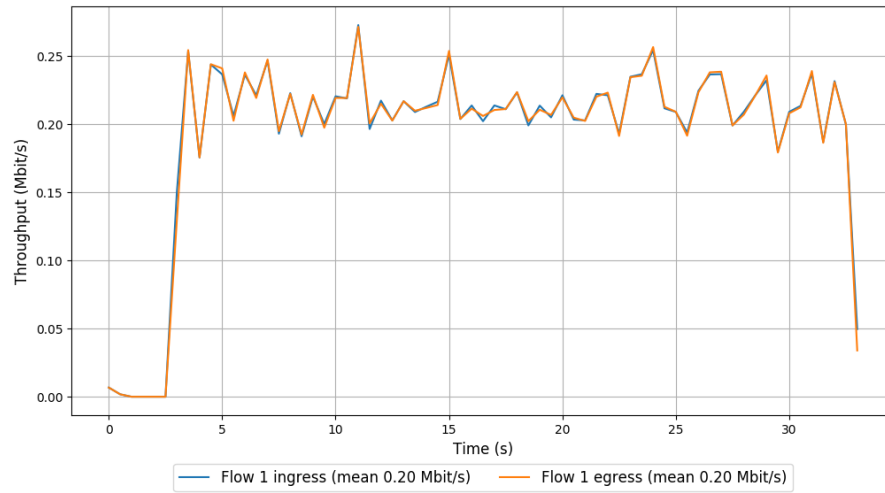
-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 36.409 ms

Loss rate: 0.25%

### Run 10: Report of SCReAM — Data Link



Run 1: Statistics of Sprout

Start at: Tue, 27 Jun 2017 01:22:31 +0000

End at: Tue, 27 Jun 2017 01:23:01 +0000

Local clock offset: -0.36 ms

Remote clock offset: -5.076 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:28:51 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 8.48 Mbit/s

95th percentile per-packet one-way delay: 42.626 ms

Loss rate: 0.29%

-- Flow 1:

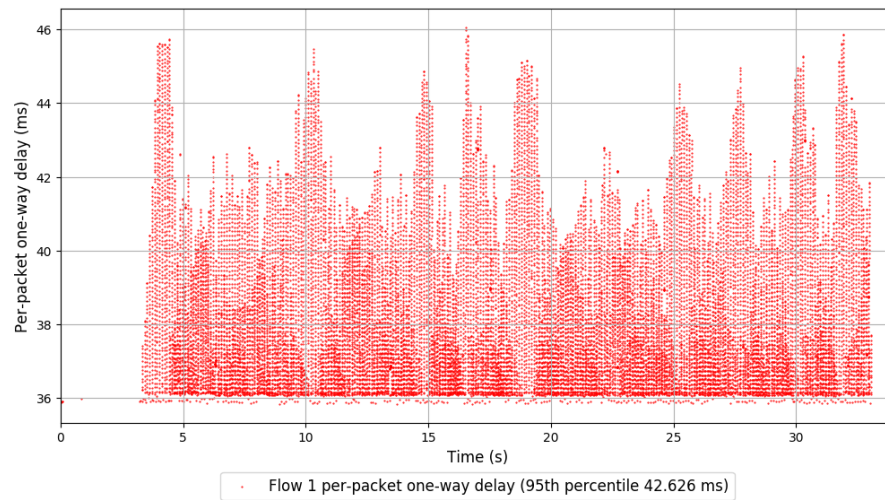
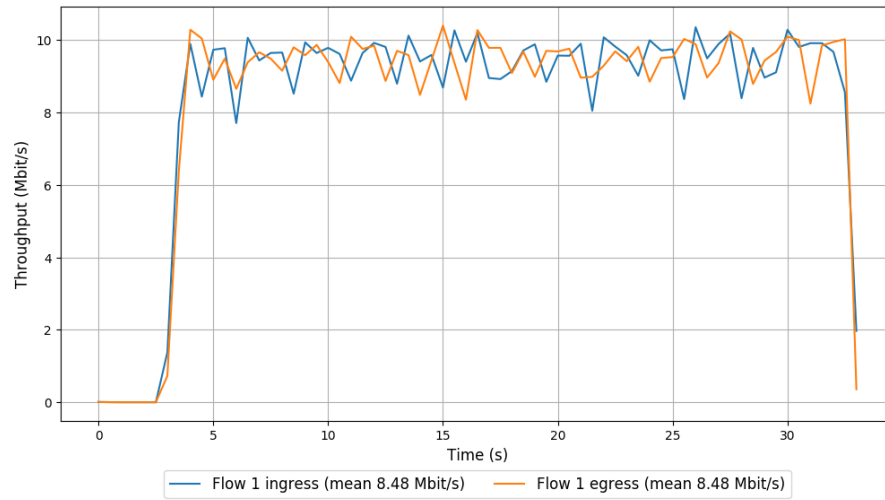
Average throughput: 8.48 Mbit/s

95th percentile per-packet one-way delay: 42.626 ms

Loss rate: 0.29%



## Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

Start at: Tue, 27 Jun 2017 01:42:13 +0000

End at: Tue, 27 Jun 2017 01:42:43 +0000

Local clock offset: -0.381 ms

Remote clock offset: -2.772 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:28:53 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 8.50 Mbit/s

95th percentile per-packet one-way delay: 42.555 ms

Loss rate: 0.29%

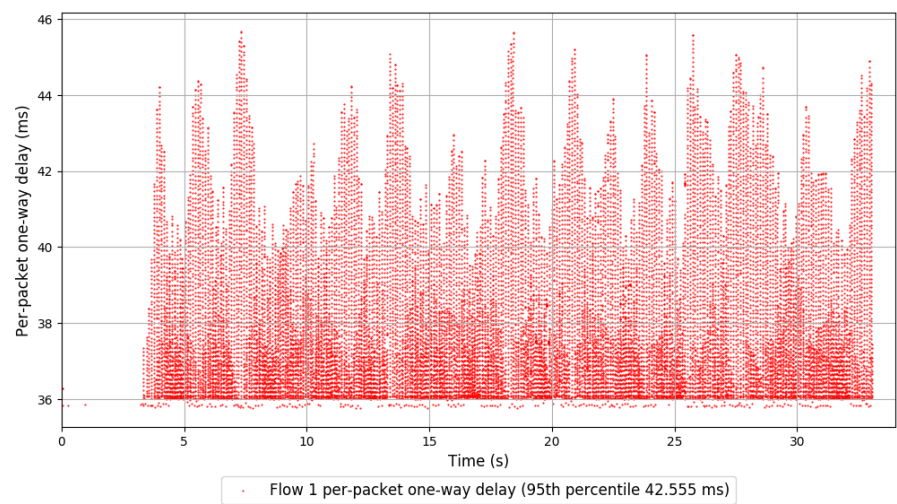
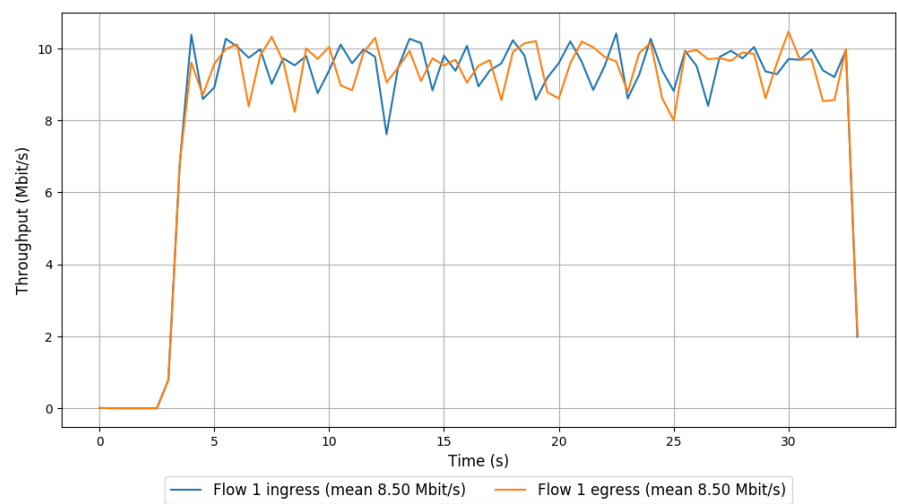
-- Flow 1:

Average throughput: 8.50 Mbit/s

95th percentile per-packet one-way delay: 42.555 ms

Loss rate: 0.29%

Run 2: Report of Sprout — Data Link



Run 3: Statistics of Sprout

Start at: Tue, 27 Jun 2017 02:01:53 +0000

End at: Tue, 27 Jun 2017 02:02:23 +0000

Local clock offset: -0.37 ms

Remote clock offset: -3.241 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:28:53 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 8.25 Mbit/s

95th percentile per-packet one-way delay: 42.552 ms

Loss rate: 0.10%

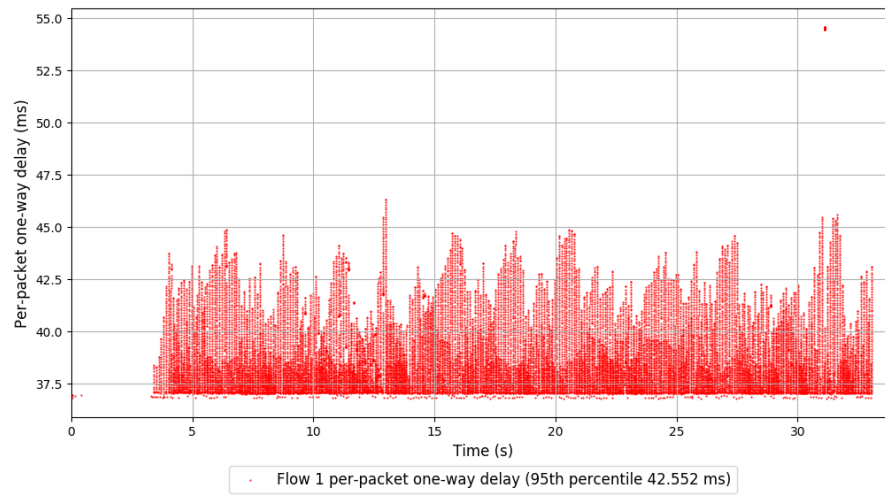
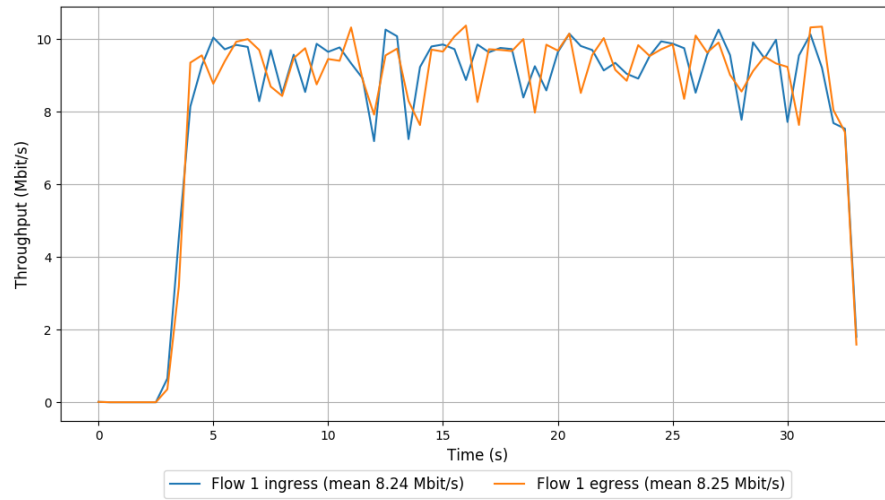
-- Flow 1:

Average throughput: 8.25 Mbit/s

95th percentile per-packet one-way delay: 42.552 ms

Loss rate: 0.10%

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



Run 4: Statistics of Sprout

Start at: Tue, 27 Jun 2017 02:21:52 +0000

End at: Tue, 27 Jun 2017 02:22:22 +0000

Local clock offset: -0.292 ms

Remote clock offset: -4.903 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:28:56 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 8.43 Mbit/s

95th percentile per-packet one-way delay: 42.936 ms

Loss rate: 0.35%

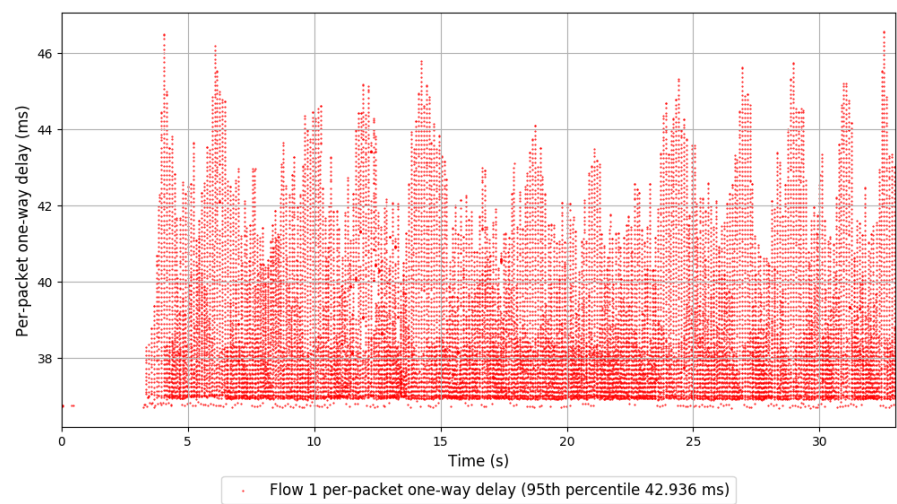
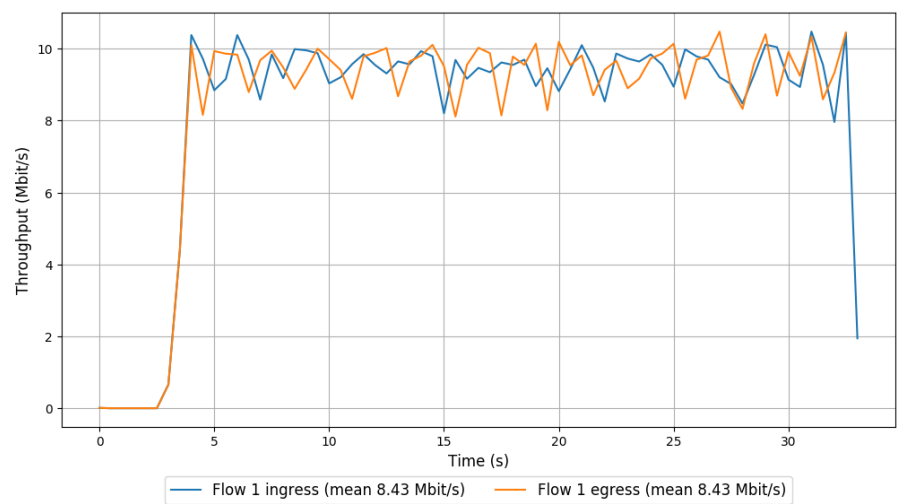
-- Flow 1:

Average throughput: 8.43 Mbit/s

95th percentile per-packet one-way delay: 42.936 ms

Loss rate: 0.35%

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: Tue, 27 Jun 2017 02:41:42 +0000

End at: Tue, 27 Jun 2017 02:42:12 +0000

Local clock offset: -0.195 ms

Remote clock offset: -2.467 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:28:56 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 8.46 Mbit/s

95th percentile per-packet one-way delay: 42.718 ms

Loss rate: 0.35%

-- Flow 1:

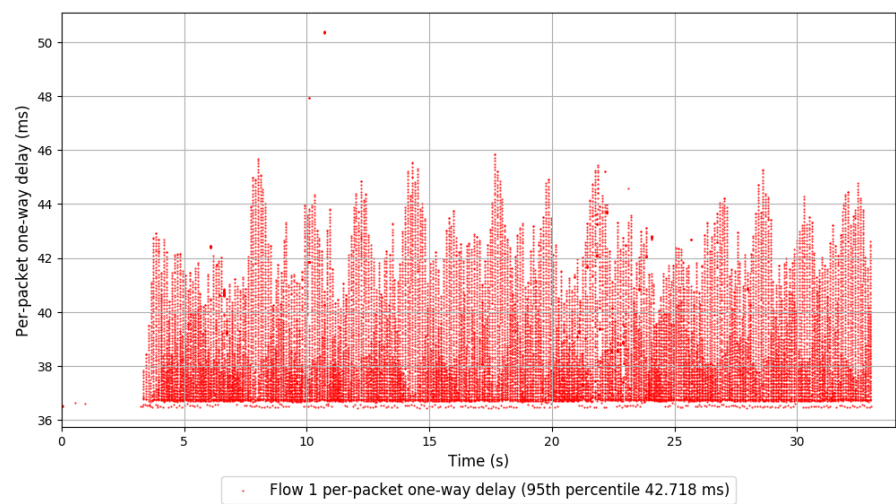
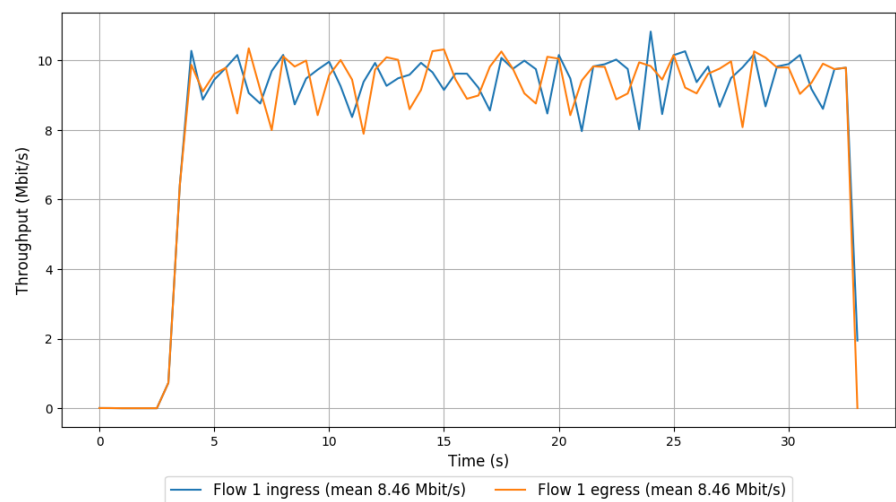
Average throughput: 8.46 Mbit/s

95th percentile per-packet one-way delay: 42.718 ms

Loss rate: 0.35%



Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

Start at: Tue, 27 Jun 2017 03:01:27 +0000

End at: Tue, 27 Jun 2017 03:01:57 +0000

Local clock offset: -0.161 ms

Remote clock offset: -2.9 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:28:58 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 8.41 Mbit/s

95th percentile per-packet one-way delay: 41.756 ms

Loss rate: 0.36%

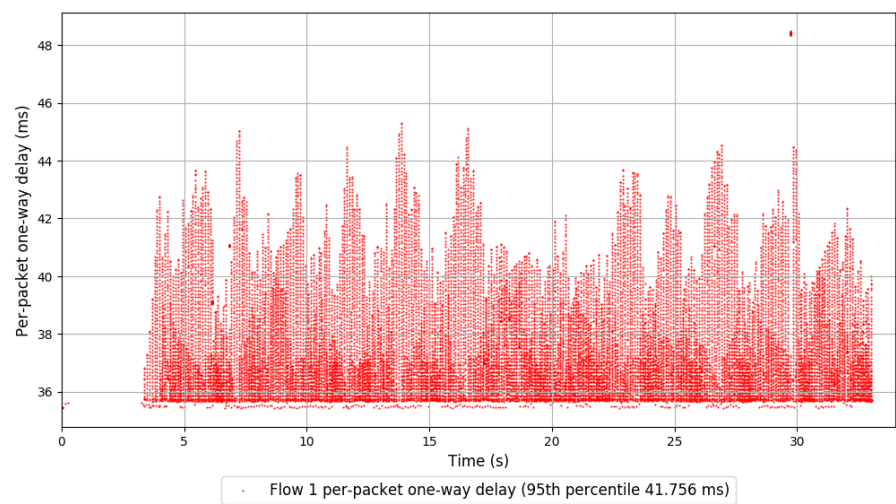
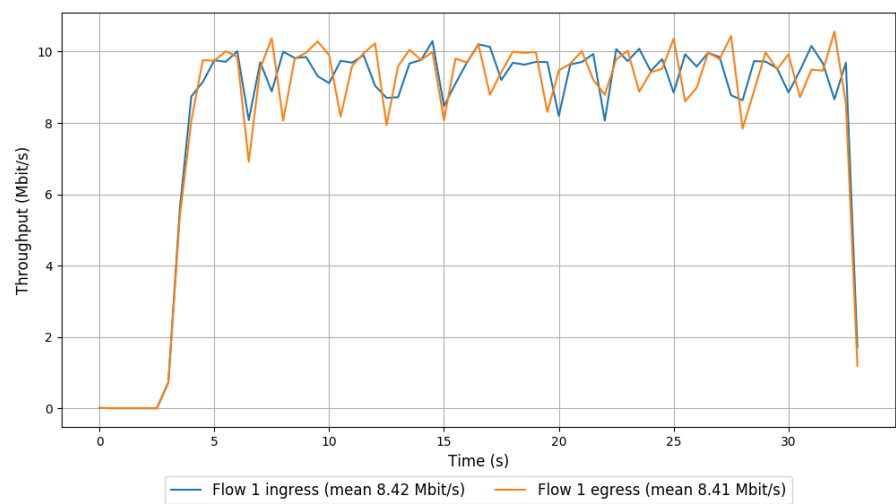
-- Flow 1:

Average throughput: 8.41 Mbit/s

95th percentile per-packet one-way delay: 41.756 ms

Loss rate: 0.36%

Run 6: Report of Sprout — Data Link



Run 7: Statistics of Sprout

Start at: Tue, 27 Jun 2017 03:21:14 +0000

End at: Tue, 27 Jun 2017 03:21:44 +0000

Local clock offset: -0.053 ms

Remote clock offset: -2.961 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:28:58 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 8.38 Mbit/s

95th percentile per-packet one-way delay: 42.711 ms

Loss rate: 0.35%

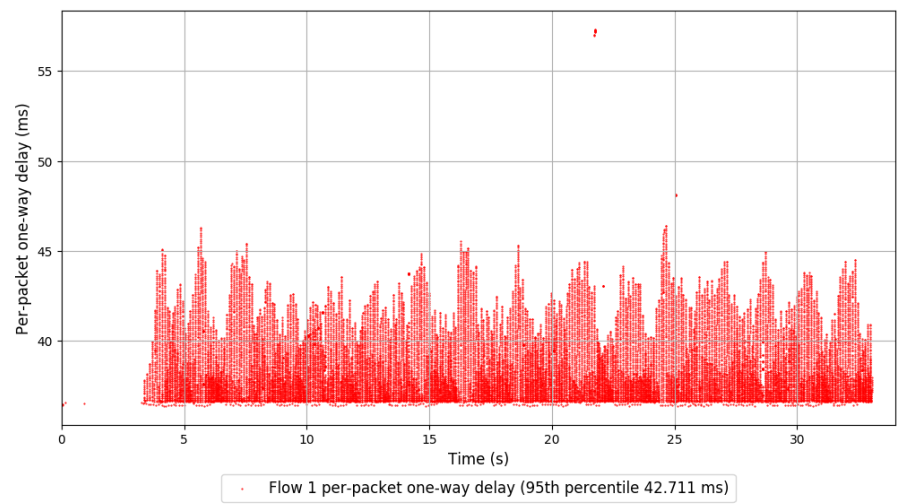
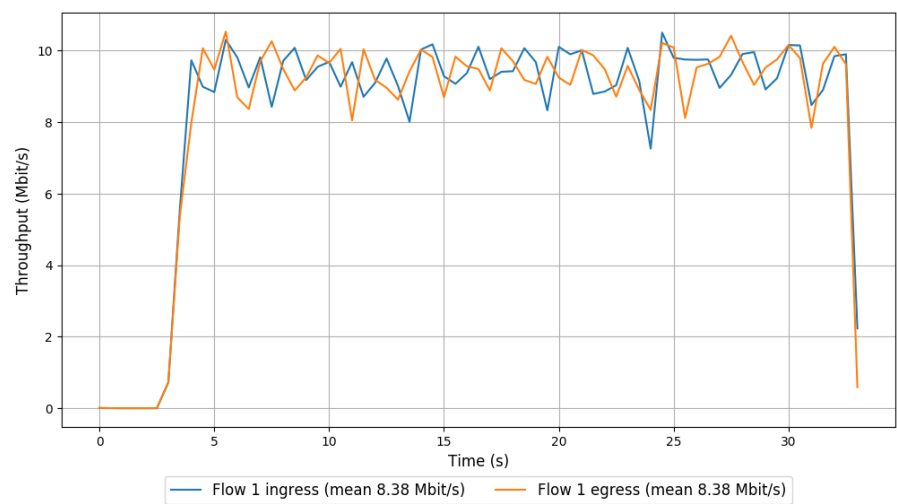
-- Flow 1:

Average throughput: 8.38 Mbit/s

95th percentile per-packet one-way delay: 42.711 ms

Loss rate: 0.35%

Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

Start at: Tue, 27 Jun 2017 03:40:56 +0000

End at: Tue, 27 Jun 2017 03:41:26 +0000

Local clock offset: -0.126 ms

Remote clock offset: -4.941 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:29:00 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 8.38 Mbit/s

95th percentile per-packet one-way delay: 41.910 ms

Loss rate: 0.34%

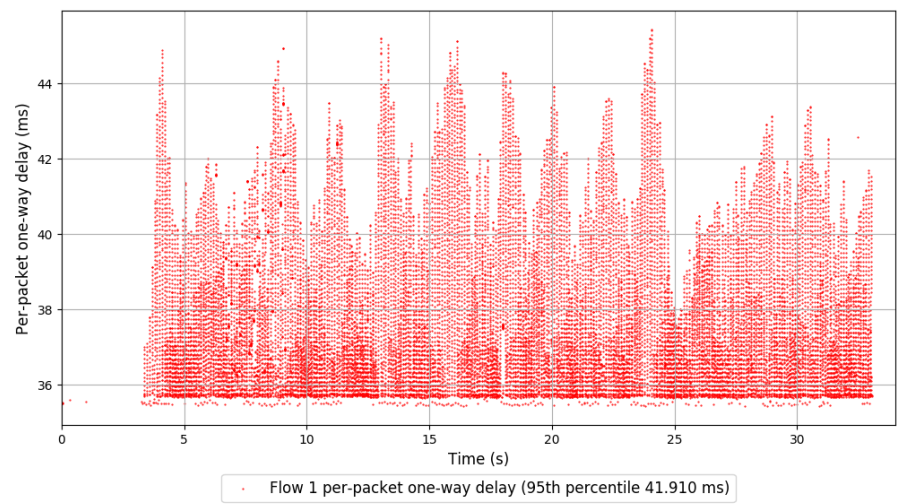
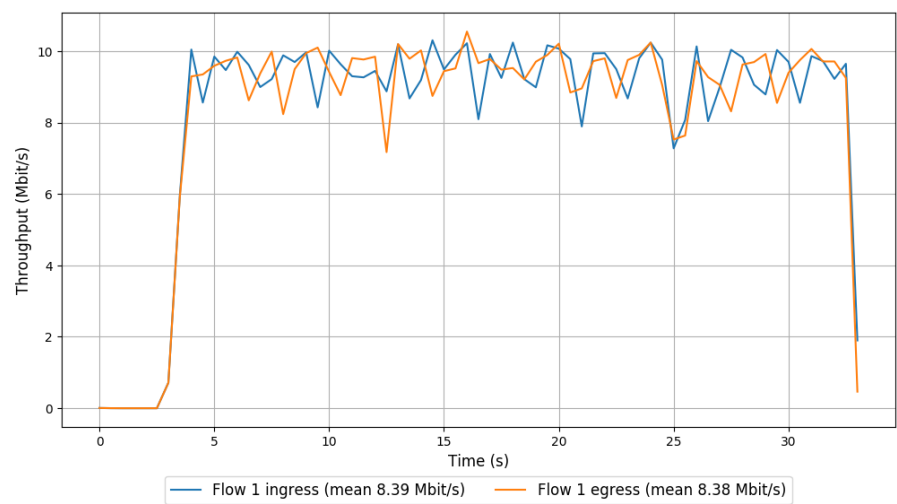
-- Flow 1:

Average throughput: 8.38 Mbit/s

95th percentile per-packet one-way delay: 41.910 ms

Loss rate: 0.34%

Run 8: Report of Sprout — Data Link



Run 9: Statistics of Sprout

Start at: Tue, 27 Jun 2017 04:00:28 +0000

End at: Tue, 27 Jun 2017 04:00:58 +0000

Local clock offset: 0.194 ms

Remote clock offset: -2.35 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:29:01 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 8.36 Mbit/s

95th percentile per-packet one-way delay: 42.386 ms

Loss rate: 0.52%

-- Flow 1:

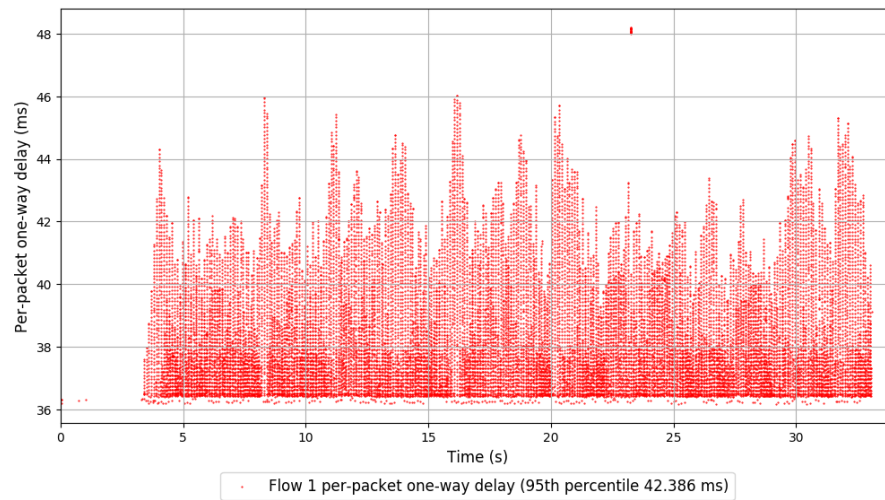
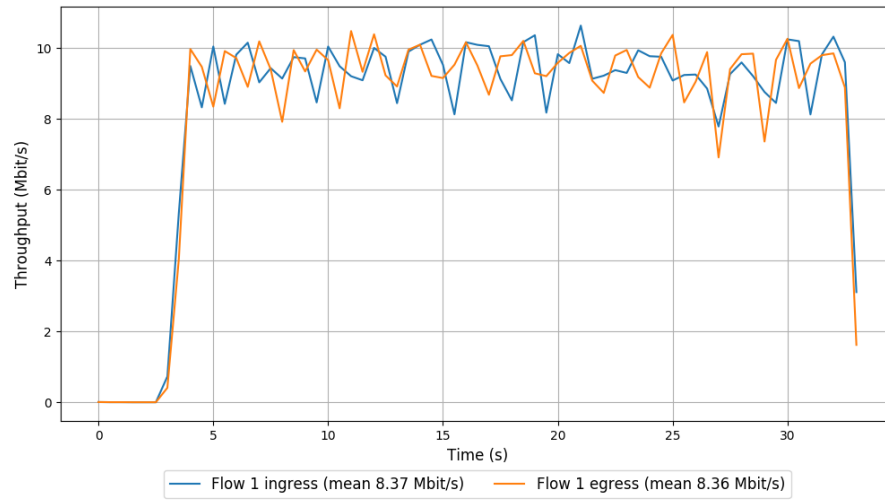
Average throughput: 8.36 Mbit/s

95th percentile per-packet one-way delay: 42.386 ms

Loss rate: 0.52%



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



Run 10: Statistics of Sprout

Start at: Tue, 27 Jun 2017 04:20:03 +0000

End at: Tue, 27 Jun 2017 04:20:33 +0000

Local clock offset: 0.44 ms

Remote clock offset: -2.771 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:29:02 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 8.40 Mbit/s

95th percentile per-packet one-way delay: 41.770 ms

Loss rate: 0.35%

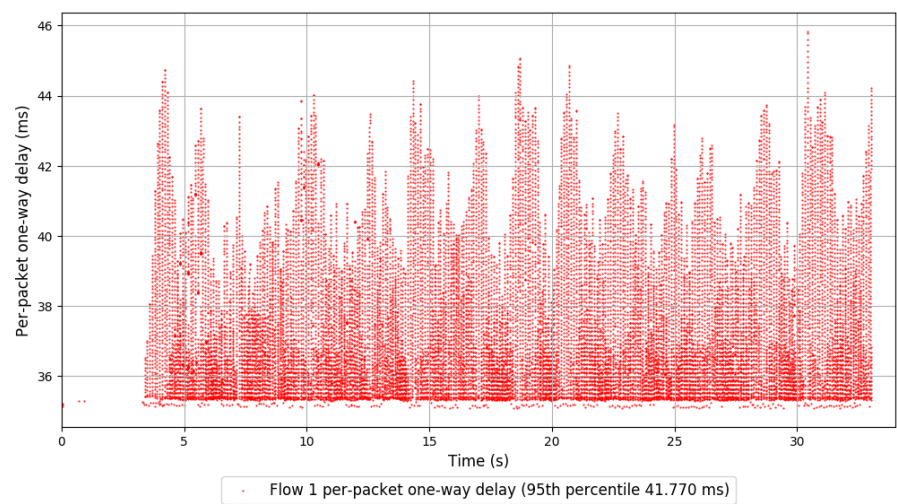
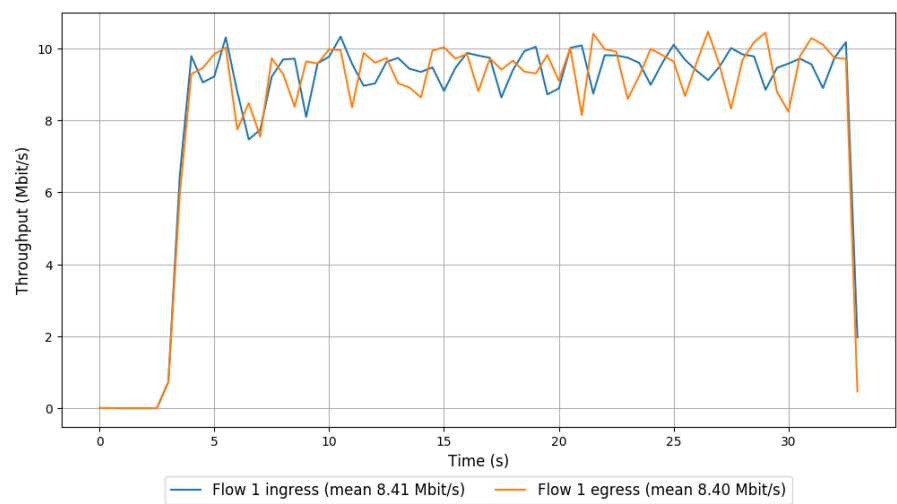
-- Flow 1:

Average throughput: 8.40 Mbit/s

95th percentile per-packet one-way delay: 41.770 ms

Loss rate: 0.35%

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: Tue, 27 Jun 2017 01:23:46 +0000

End at: Tue, 27 Jun 2017 01:24:16 +0000

Local clock offset: -0.305 ms

Remote clock offset: -2.766 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:29:14 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 64.18 Mbit/s

95th percentile per-packet one-way delay: 46.130 ms

Loss rate: 0.79%

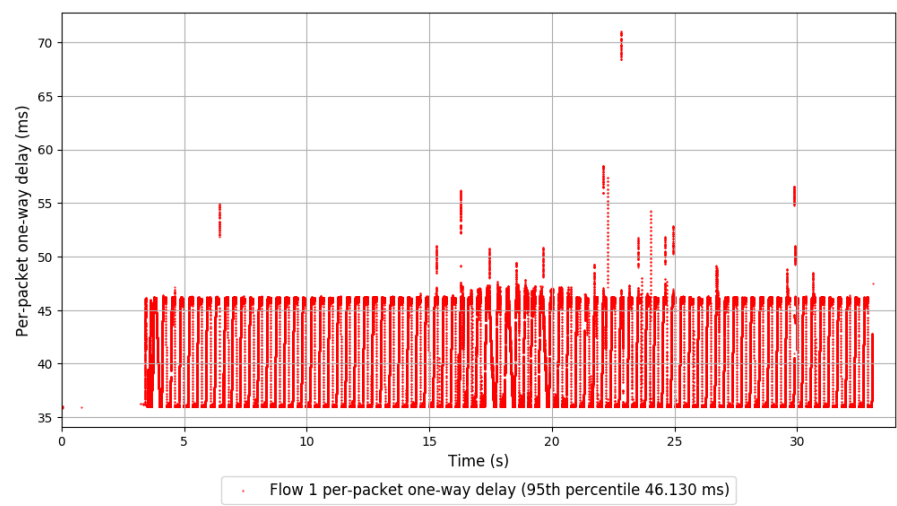
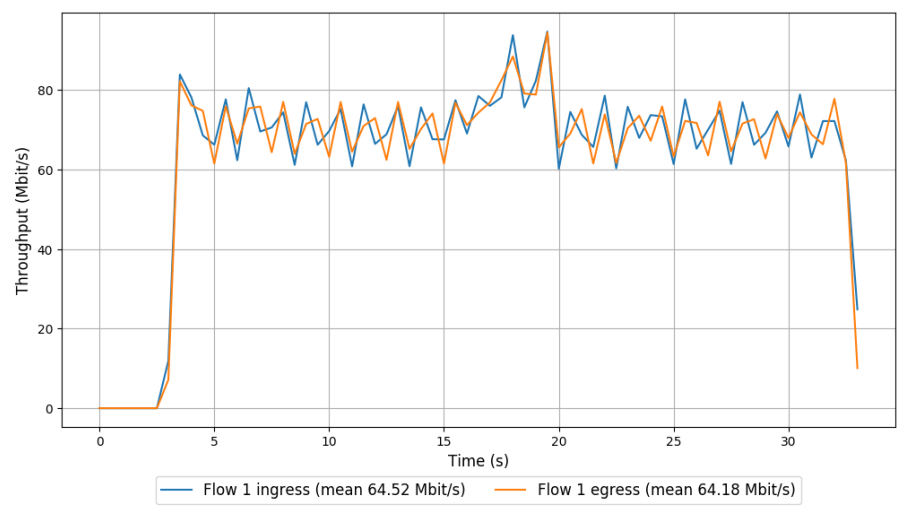
-- Flow 1:

Average throughput: 64.18 Mbit/s

95th percentile per-packet one-way delay: 46.130 ms

Loss rate: 0.79%

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



Run 2: Statistics of TaoVA-100x

Start at: Tue, 27 Jun 2017 01:43:28 +0000

End at: Tue, 27 Jun 2017 01:43:58 +0000

Local clock offset: -0.346 ms

Remote clock offset: -4.826 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:29:20 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 63.42 Mbit/s

95th percentile per-packet one-way delay: 47.005 ms

Loss rate: 0.44%

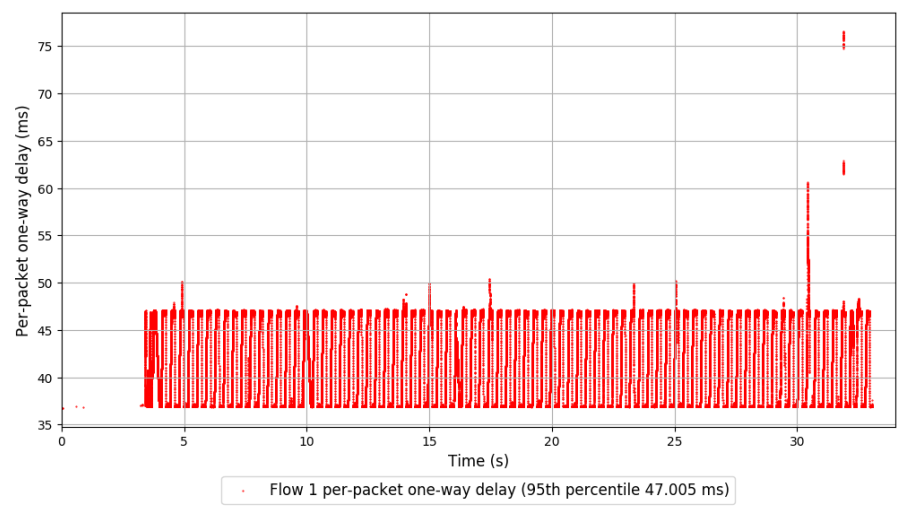
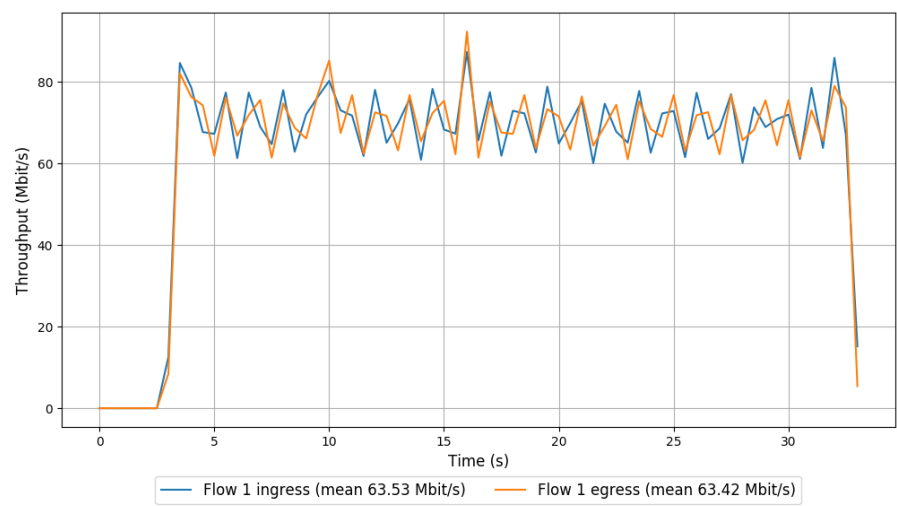
-- Flow 1:

Average throughput: 63.42 Mbit/s

95th percentile per-packet one-way delay: 47.005 ms

Loss rate: 0.44%

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



Run 3: Statistics of TaoVA-100x

Start at: Tue, 27 Jun 2017 02:03:11 +0000

End at: Tue, 27 Jun 2017 02:03:41 +0000

Local clock offset: -0.387 ms

Remote clock offset: -3.234 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:29:38 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 75.05 Mbit/s

95th percentile per-packet one-way delay: 47.059 ms

Loss rate: 1.33%

-- Flow 1:

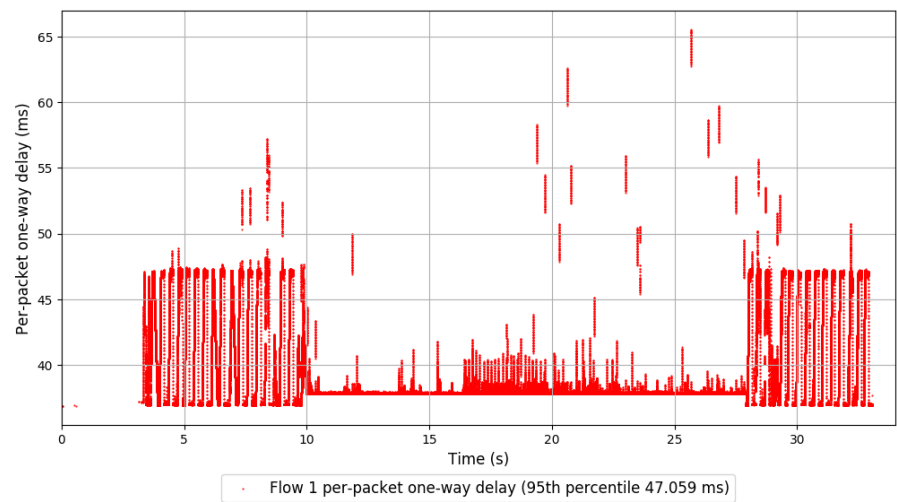
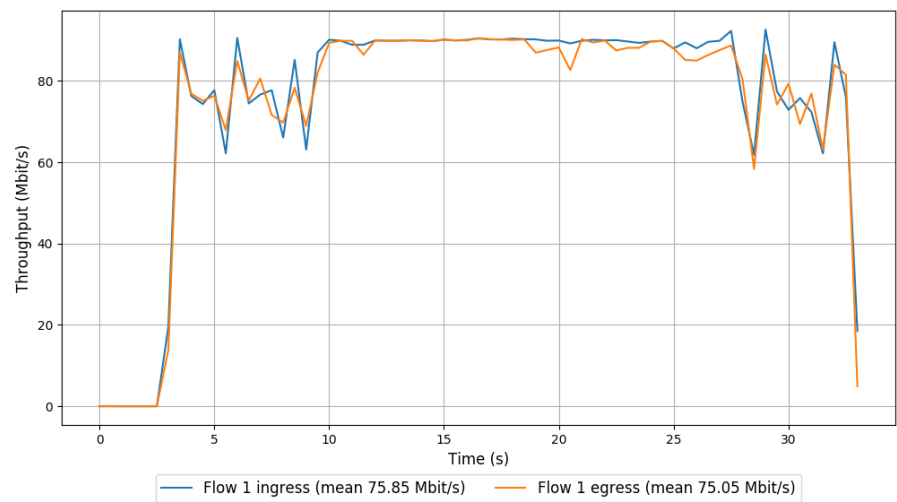
Average throughput: 75.05 Mbit/s

95th percentile per-packet one-way delay: 47.059 ms

Loss rate: 1.33%



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



Run 4: Statistics of TaoVA-100x

Start at: Tue, 27 Jun 2017 02:23:08 +0000

End at: Tue, 27 Jun 2017 02:23:38 +0000

Local clock offset: -0.306 ms

Remote clock offset: -4.896 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:29:38 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 63.22 Mbit/s

95th percentile per-packet one-way delay: 46.034 ms

Loss rate: 0.69%

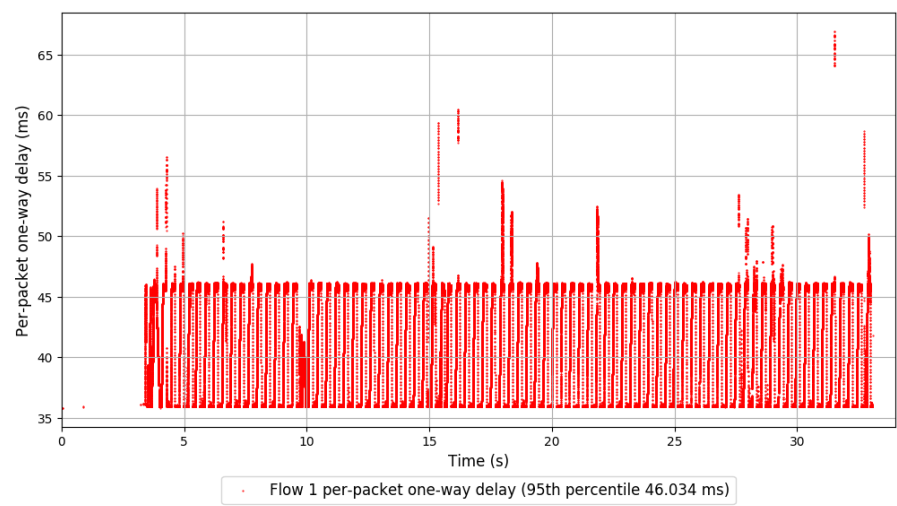
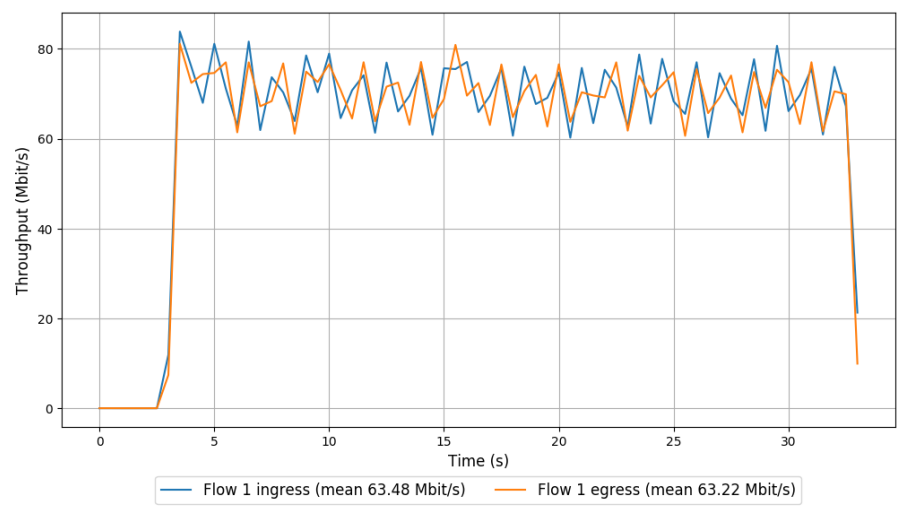
-- Flow 1:

Average throughput: 63.22 Mbit/s

95th percentile per-packet one-way delay: 46.034 ms

Loss rate: 0.69%

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



Run 5: Statistics of TaoVA-100x

Start at: Tue, 27 Jun 2017 02:42:58 +0000

End at: Tue, 27 Jun 2017 02:43:28 +0000

Local clock offset: -0.19 ms

Remote clock offset: -5.053 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:29:54 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 63.86 Mbit/s

95th percentile per-packet one-way delay: 46.795 ms

Loss rate: 0.74%

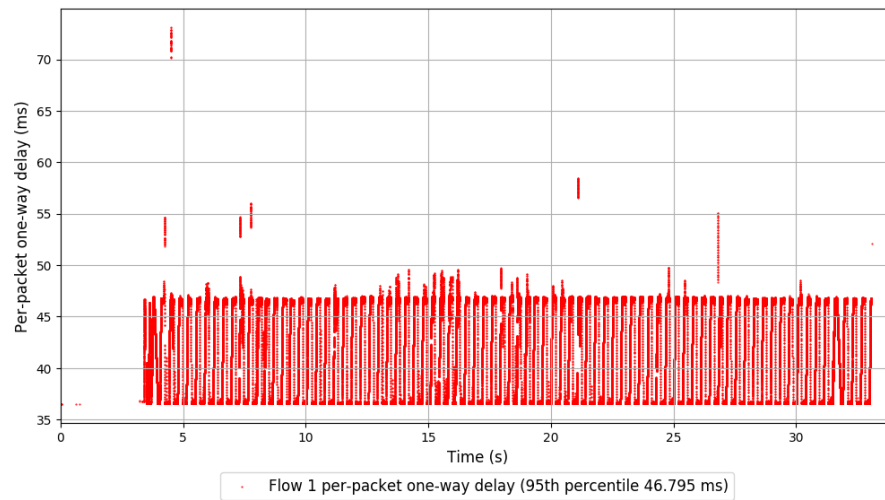
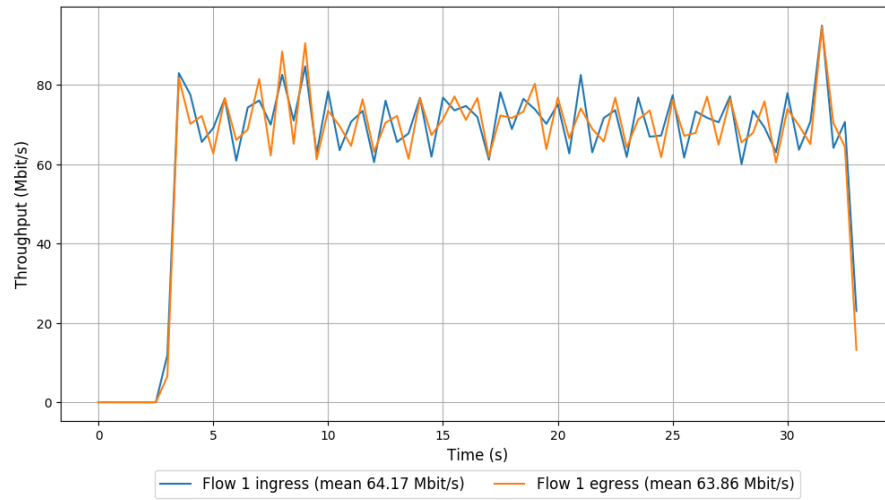
-- Flow 1:

Average throughput: 63.86 Mbit/s

95th percentile per-packet one-way delay: 46.795 ms

Loss rate: 0.74%

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



Run 6: Statistics of TaoVA-100x

Start at: Tue, 27 Jun 2017 03:02:43 +0000

End at: Tue, 27 Jun 2017 03:03:14 +0000

Local clock offset: -0.073 ms

Remote clock offset: -2.451 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:29:55 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 63.89 Mbit/s

95th percentile per-packet one-way delay: 45.728 ms

Loss rate: 0.64%

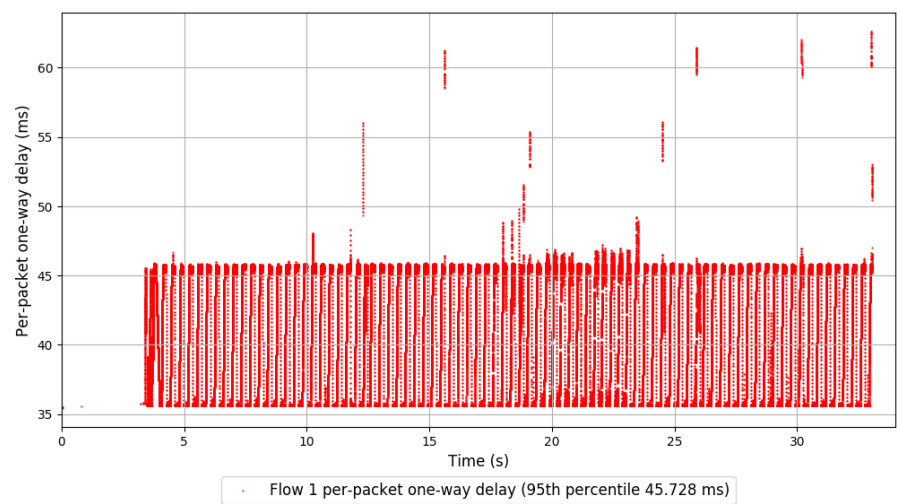
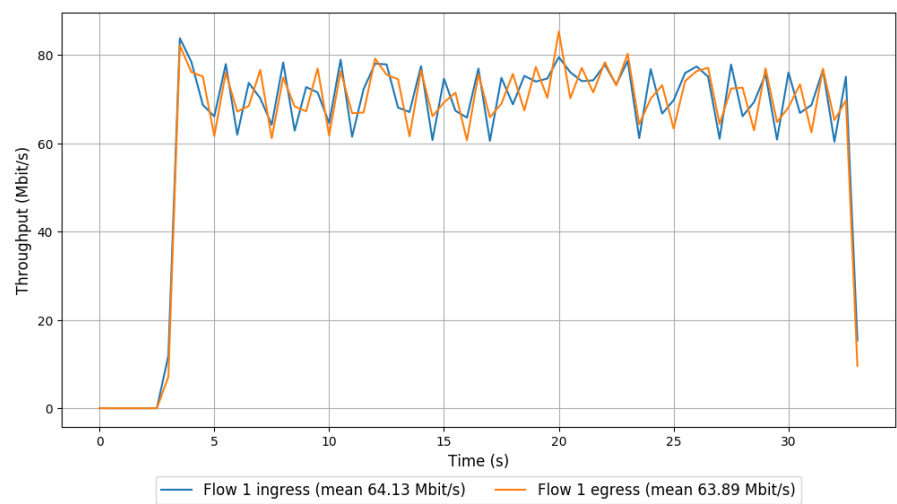
-- Flow 1:

Average throughput: 63.89 Mbit/s

95th percentile per-packet one-way delay: 45.728 ms

Loss rate: 0.64%

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



Run 7: Statistics of TaoVA-100x

Start at: Tue, 27 Jun 2017 03:22:30 +0000

End at: Tue, 27 Jun 2017 03:23:00 +0000

Local clock offset: -0.149 ms

Remote clock offset: -5.333 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:30:08 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 64.28 Mbit/s

95th percentile per-packet one-way delay: 45.713 ms

Loss rate: 0.62%

-- Flow 1:

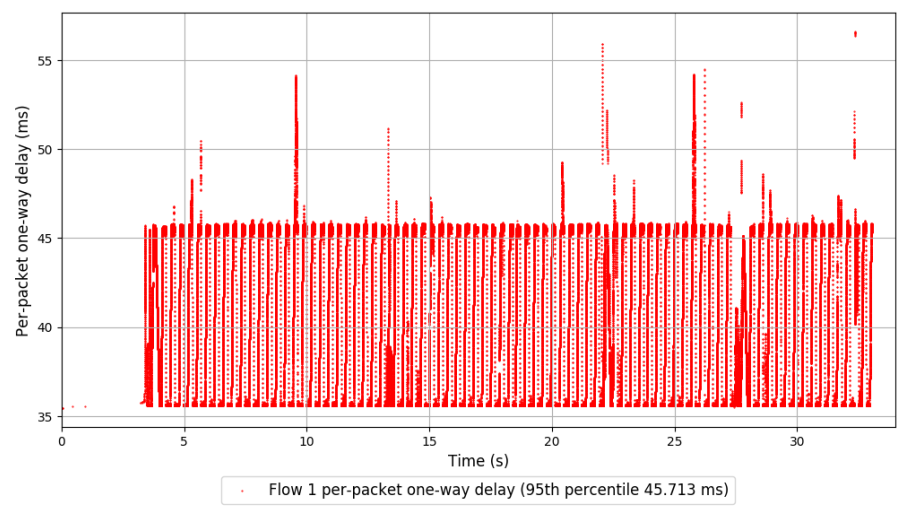
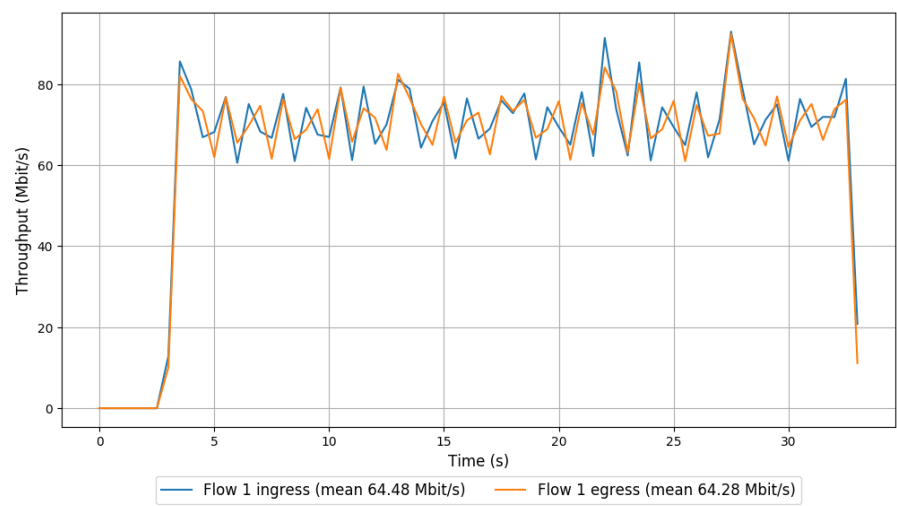
Average throughput: 64.28 Mbit/s

95th percentile per-packet one-way delay: 45.713 ms

Loss rate: 0.62%



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



Run 8: Statistics of TaoVA-100x

Start at: Tue, 27 Jun 2017 03:42:13 +0000

End at: Tue, 27 Jun 2017 03:42:43 +0000

Local clock offset: -0.025 ms

Remote clock offset: -3.199 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:30:13 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 63.70 Mbit/s

95th percentile per-packet one-way delay: 46.829 ms

Loss rate: 0.66%

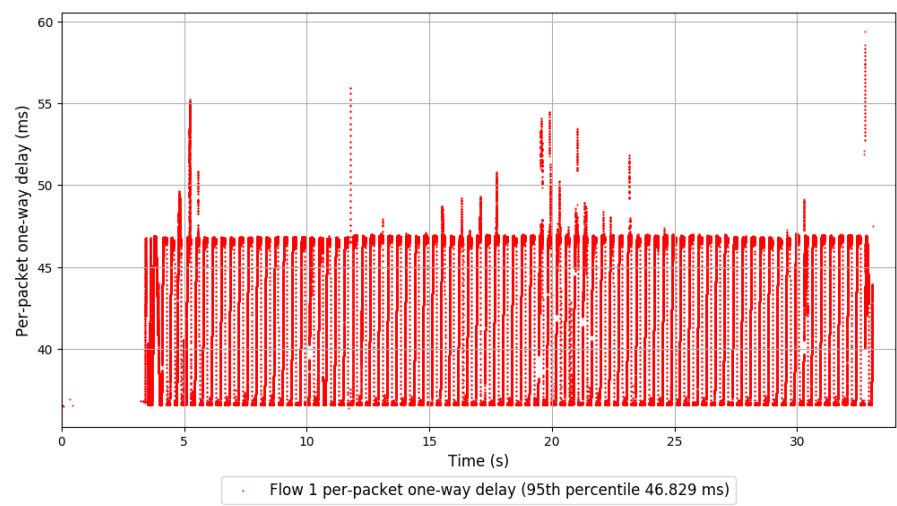
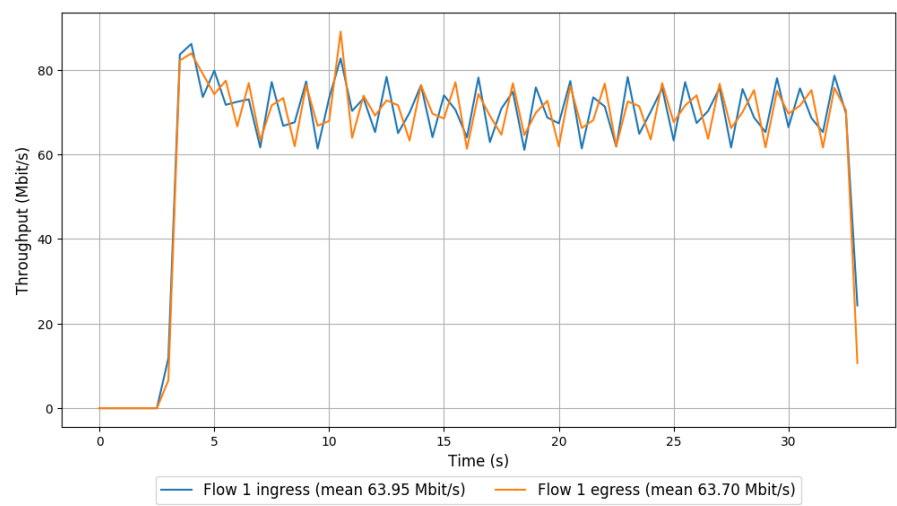
-- Flow 1:

Average throughput: 63.70 Mbit/s

95th percentile per-packet one-way delay: 46.829 ms

Loss rate: 0.66%

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



Run 9: Statistics of TaoVA-100x

Start at: Tue, 27 Jun 2017 04:01:44 +0000

End at: Tue, 27 Jun 2017 04:02:14 +0000

Local clock offset: 0.084 ms

Remote clock offset: -2.766 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:30:30 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 63.98 Mbit/s

95th percentile per-packet one-way delay: 46.546 ms

Loss rate: 0.58%

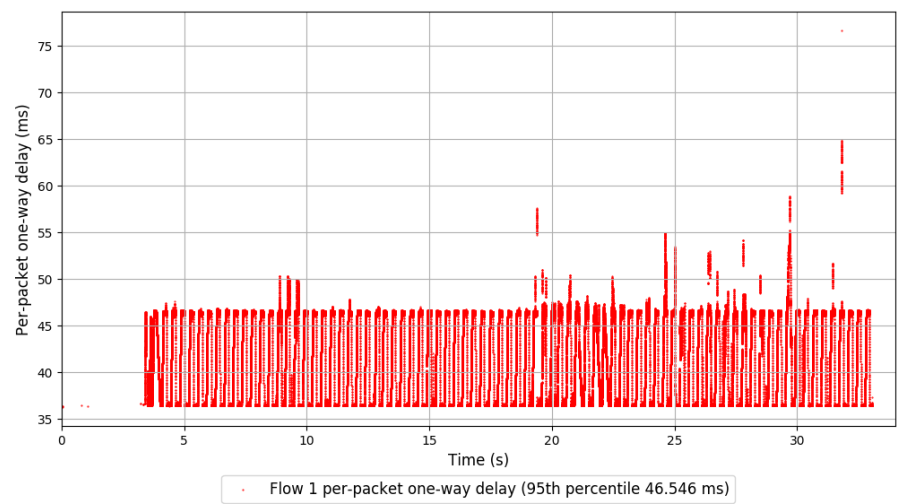
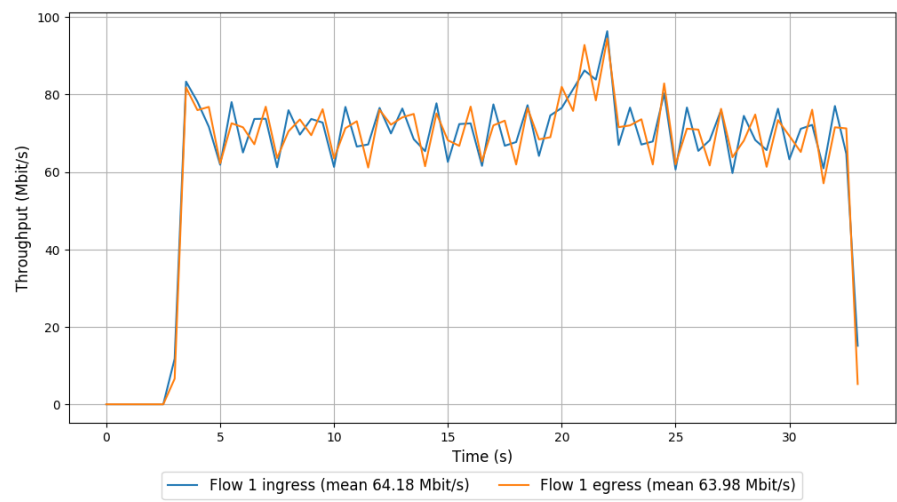
-- Flow 1:

Average throughput: 63.98 Mbit/s

95th percentile per-packet one-way delay: 46.546 ms

Loss rate: 0.58%

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



Run 10: Statistics of TaoVA-100x

Start at: Tue, 27 Jun 2017 04:21:19 +0000

End at: Tue, 27 Jun 2017 04:21:49 +0000

Local clock offset: 0.355 ms

Remote clock offset: -2.796 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:30:30 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 62.68 Mbit/s

95th percentile per-packet one-way delay: 46.170 ms

Loss rate: 0.95%

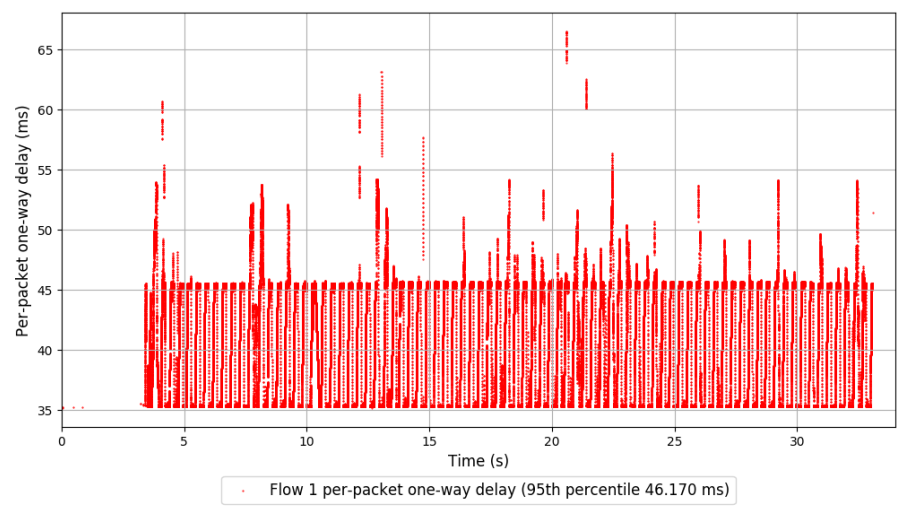
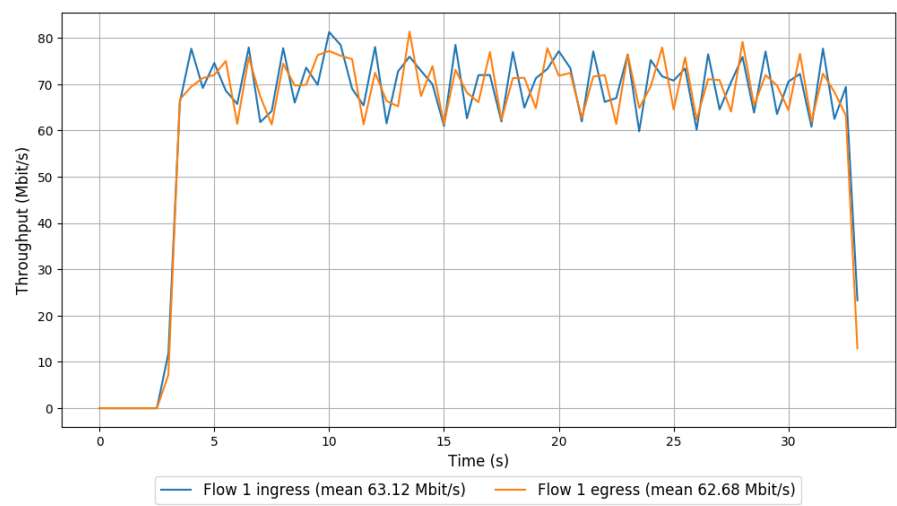
-- Flow 1:

Average throughput: 62.68 Mbit/s

95th percentile per-packet one-way delay: 46.170 ms

Loss rate: 0.95%

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



Run 1: Statistics of TCP Vegas

Start at: Tue, 27 Jun 2017 01:32:56 +0000

End at: Tue, 27 Jun 2017 01:33:26 +0000

Local clock offset: -0.318 ms

Remote clock offset: -5.227 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:30:38 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 53.75 Mbit/s

95th percentile per-packet one-way delay: 47.870 ms

Loss rate: 0.28%

-- Flow 1:

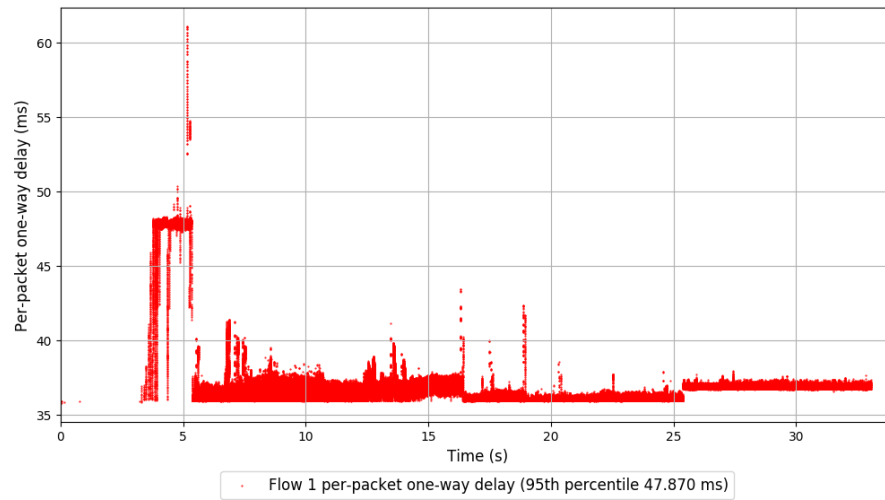
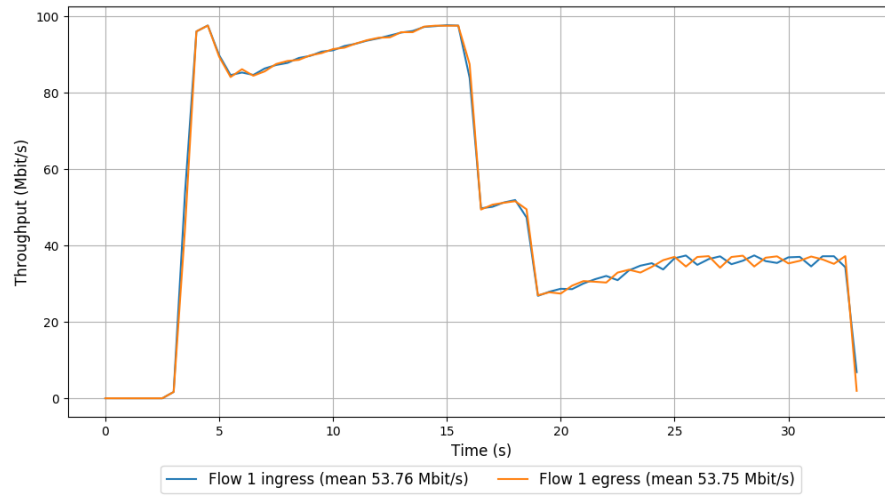
Average throughput: 53.75 Mbit/s

95th percentile per-packet one-way delay: 47.870 ms

Loss rate: 0.28%



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



Run 2: Statistics of TCP Vegas

Start at: Tue, 27 Jun 2017 01:52:37 +0000

End at: Tue, 27 Jun 2017 01:53:07 +0000

Local clock offset: -0.44 ms

Remote clock offset: -2.847 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:30:38 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 35.69 Mbit/s

95th percentile per-packet one-way delay: 48.993 ms

Loss rate: 0.38%

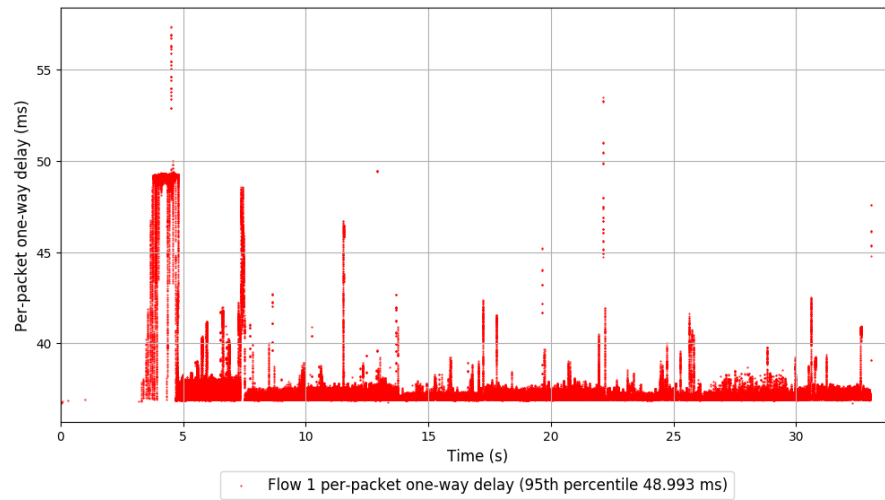
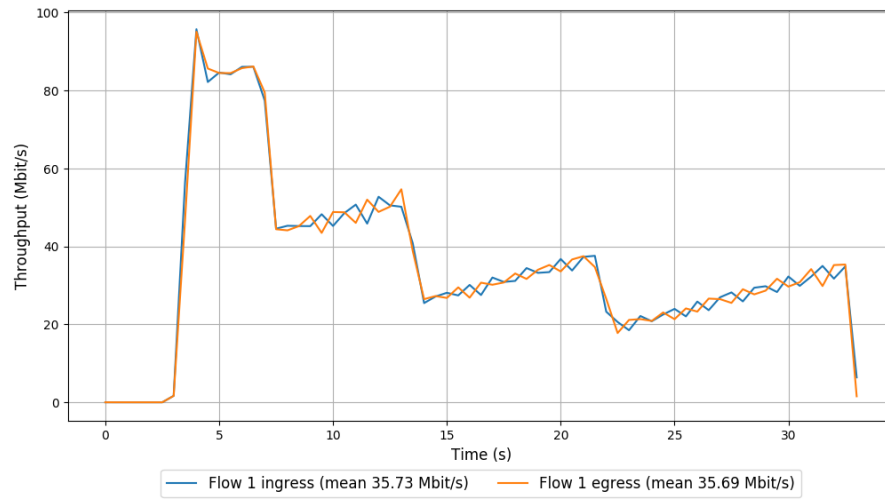
-- Flow 1:

Average throughput: 35.69 Mbit/s

95th percentile per-packet one-way delay: 48.993 ms

Loss rate: 0.38%

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



Run 3: Statistics of TCP Vegas

Start at: Tue, 27 Jun 2017 02:12:32 +0000

End at: Tue, 27 Jun 2017 02:13:02 +0000

Local clock offset: -0.489 ms

Remote clock offset: -2.892 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:30:40 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 27.17 Mbit/s

95th percentile per-packet one-way delay: 37.789 ms

Loss rate: 0.46%

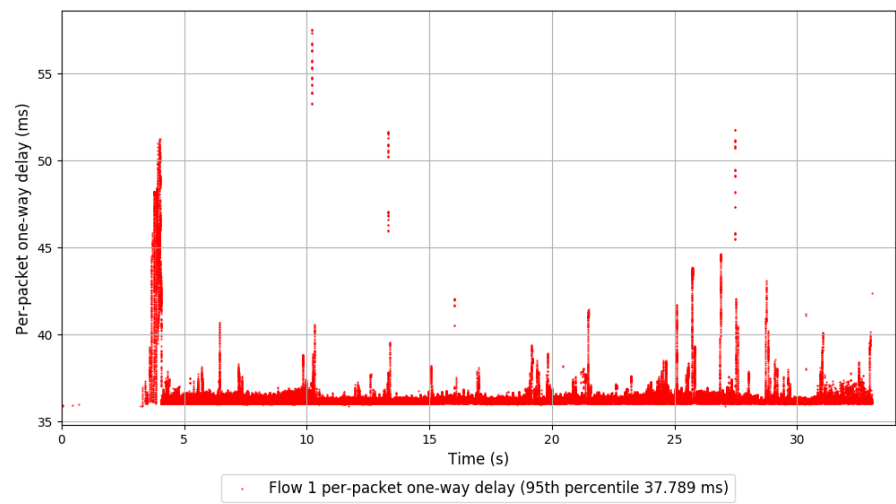
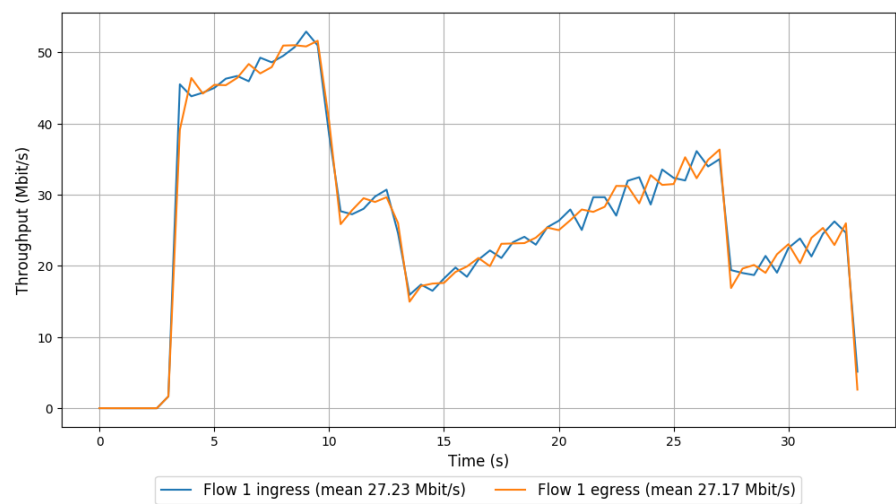
-- Flow 1:

Average throughput: 27.17 Mbit/s

95th percentile per-packet one-way delay: 37.789 ms

Loss rate: 0.46%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: Tue, 27 Jun 2017 02:32:20 +0000

End at: Tue, 27 Jun 2017 02:32:50 +0000

Local clock offset: -0.184 ms

Remote clock offset: -2.937 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:30:43 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 29.31 Mbit/s

95th percentile per-packet one-way delay: 43.680 ms

Loss rate: 0.61%

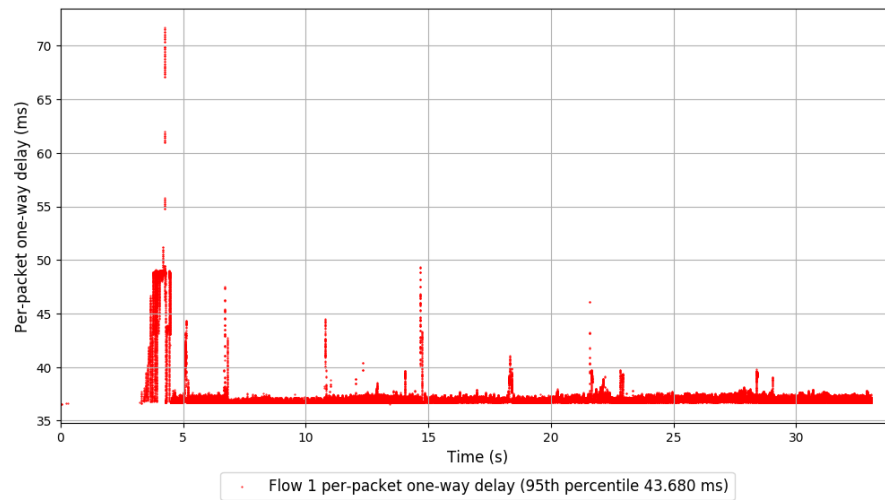
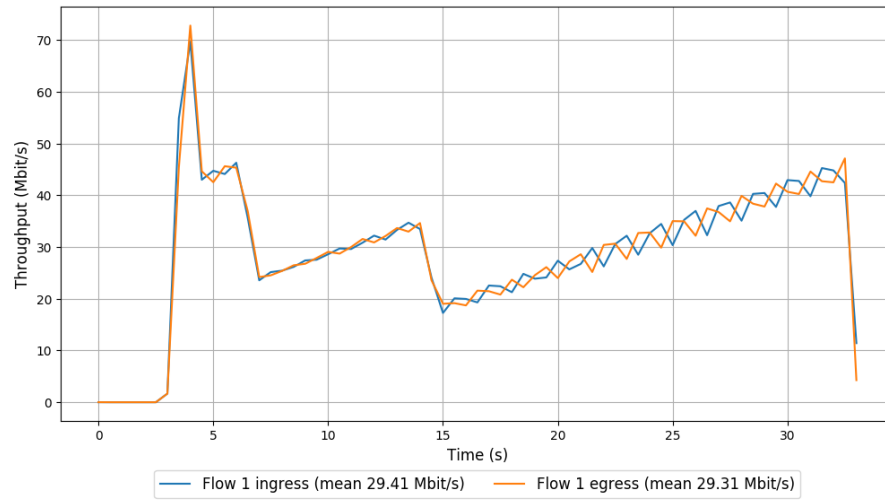
-- Flow 1:

Average throughput: 29.31 Mbit/s

95th percentile per-packet one-way delay: 43.680 ms

Loss rate: 0.61%

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



Run 5: Statistics of TCP Vegas

Start at: Tue, 27 Jun 2017 02:52:09 +0000

End at: Tue, 27 Jun 2017 02:52:39 +0000

Local clock offset: -0.084 ms

Remote clock offset: -2.834 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:30:47 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 52.06 Mbit/s

95th percentile per-packet one-way delay: 48.764 ms

Loss rate: 0.26%

-- Flow 1:

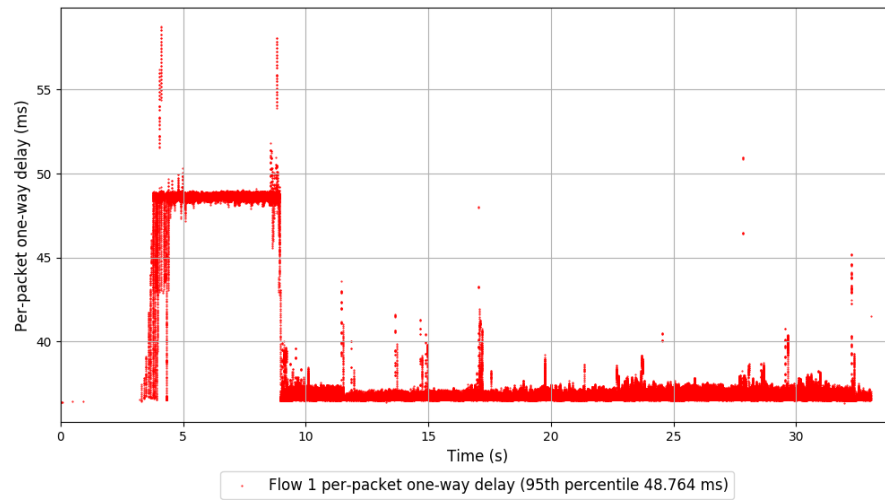
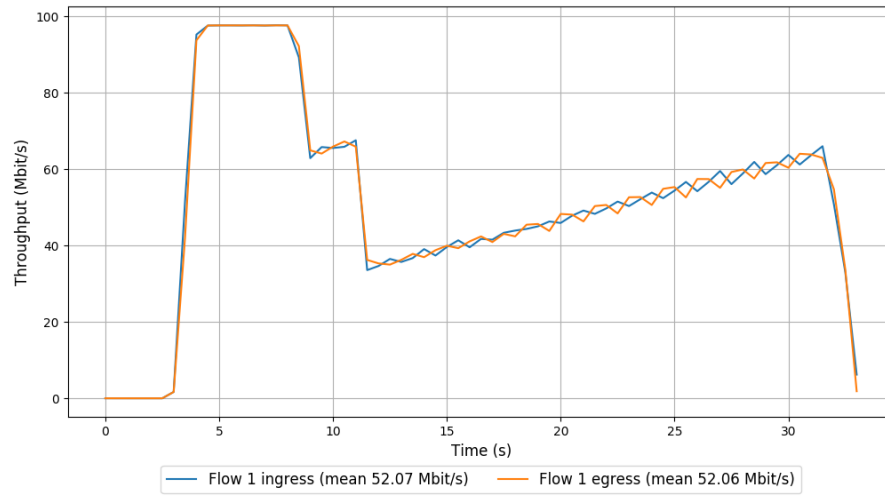
Average throughput: 52.06 Mbit/s

95th percentile per-packet one-way delay: 48.764 ms

Loss rate: 0.26%



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



Run 6: Statistics of TCP Vegas

Start at: Tue, 27 Jun 2017 03:11:54 +0000

End at: Tue, 27 Jun 2017 03:12:24 +0000

Local clock offset: -0.069 ms

Remote clock offset: -4.923 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:30:50 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 32.57 Mbit/s

95th percentile per-packet one-way delay: 48.638 ms

Loss rate: 0.57%

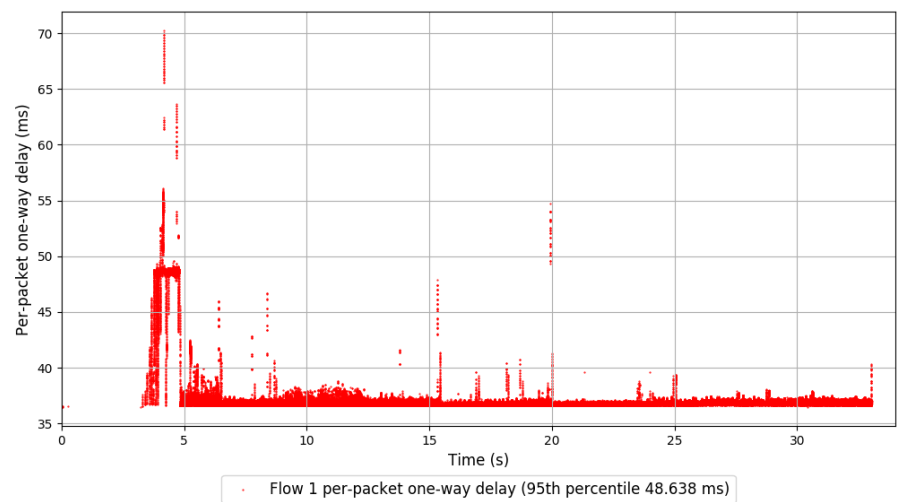
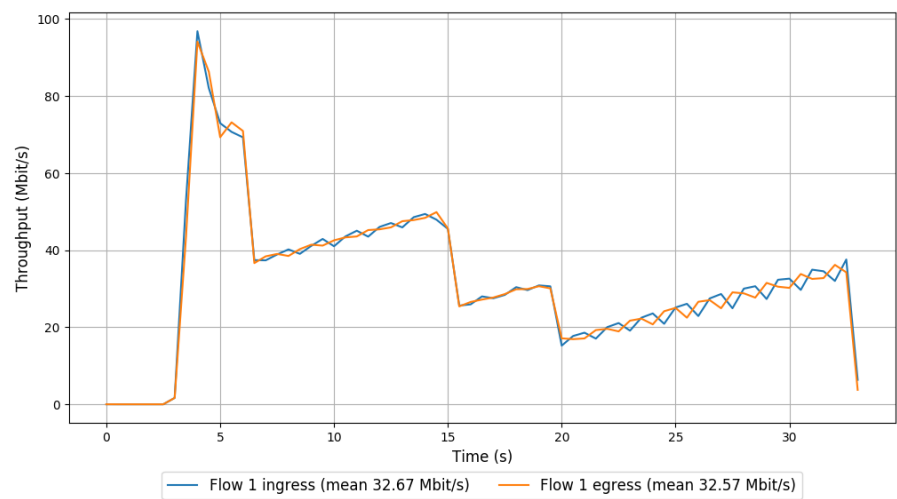
-- Flow 1:

Average throughput: 32.57 Mbit/s

95th percentile per-packet one-way delay: 48.638 ms

Loss rate: 0.57%

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: Tue, 27 Jun 2017 03:31:40 +0000

End at: Tue, 27 Jun 2017 03:32:10 +0000

Local clock offset: -0.063 ms

Remote clock offset: -5.257 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:30:55 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 38.04 Mbit/s

95th percentile per-packet one-way delay: 37.132 ms

Loss rate: 0.32%

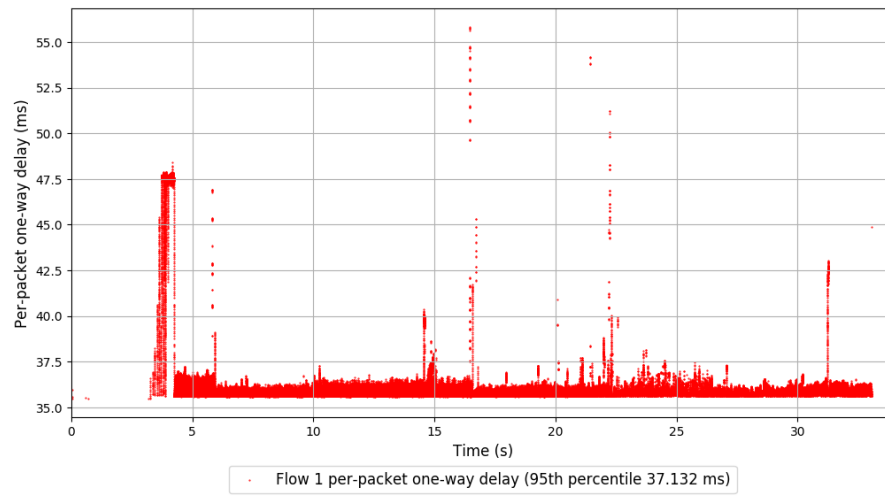
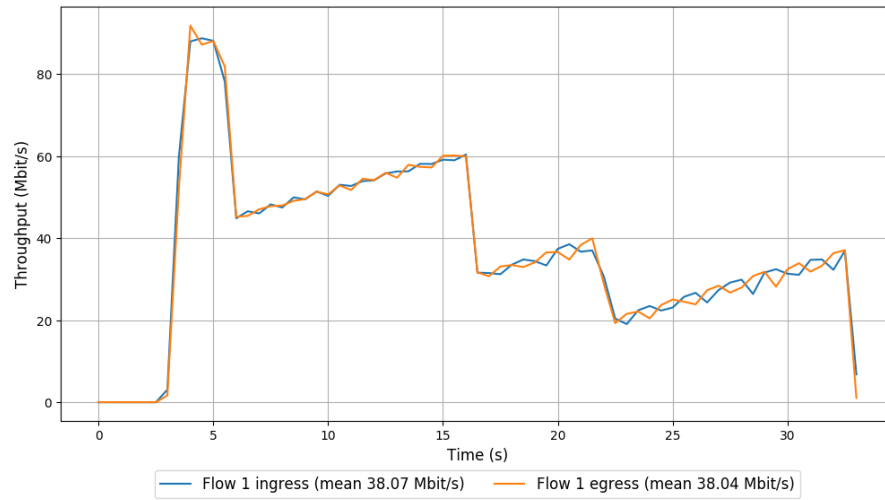
-- Flow 1:

Average throughput: 38.04 Mbit/s

95th percentile per-packet one-way delay: 37.132 ms

Loss rate: 0.32%

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



Run 8: Statistics of TCP Vegas

Start at: Tue, 27 Jun 2017 03:51:18 +0000

End at: Tue, 27 Jun 2017 03:51:48 +0000

Local clock offset: -0.039 ms

Remote clock offset: -3.163 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:30:56 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 41.59 Mbit/s

95th percentile per-packet one-way delay: 48.282 ms

Loss rate: 0.45%

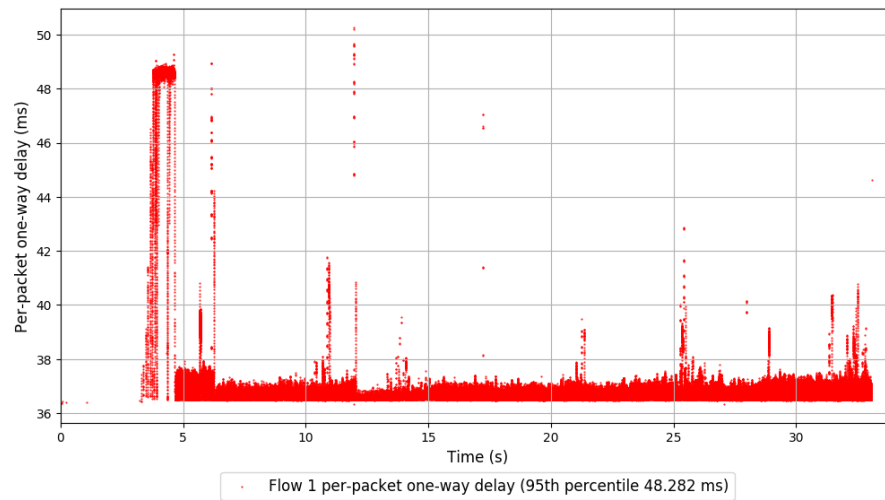
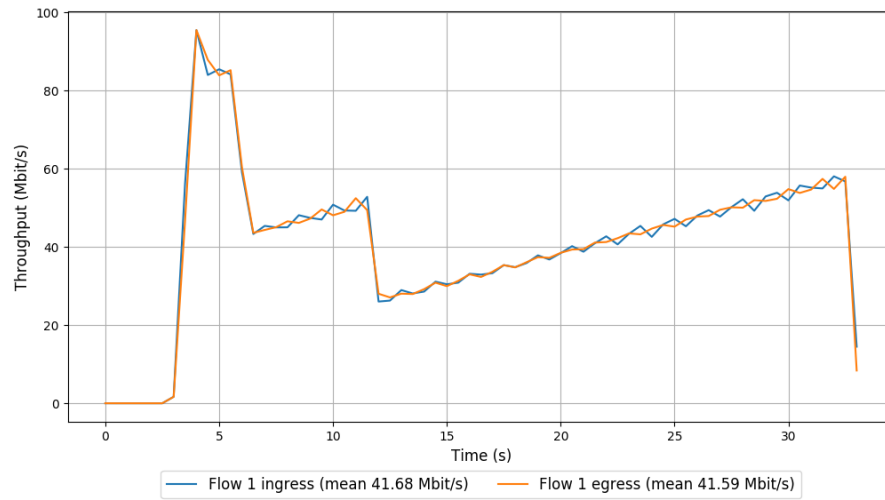
-- Flow 1:

Average throughput: 41.59 Mbit/s

95th percentile per-packet one-way delay: 48.282 ms

Loss rate: 0.45%

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



Run 9: Statistics of TCP Vegas

Start at: Tue, 27 Jun 2017 04:10:53 +0000

End at: Tue, 27 Jun 2017 04:11:23 +0000

Local clock offset: 0.317 ms

Remote clock offset: -4.846 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:31:00 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 32.95 Mbit/s

95th percentile per-packet one-way delay: 39.493 ms

Loss rate: 0.39%

-- Flow 1:

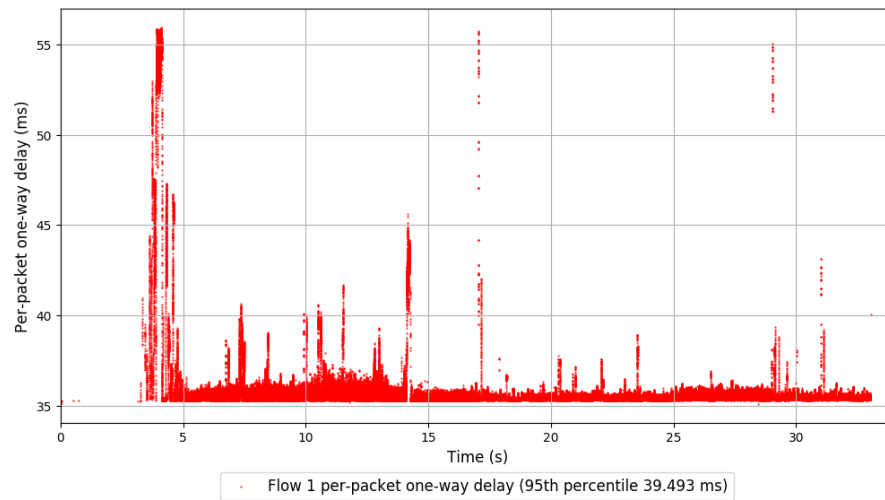
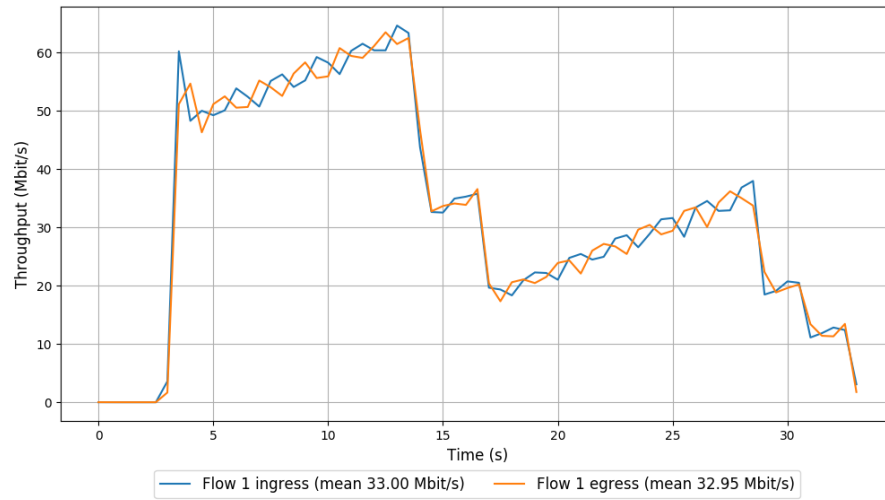
Average throughput: 32.95 Mbit/s

95th percentile per-packet one-way delay: 39.493 ms

Loss rate: 0.39%



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



Run 10: Statistics of TCP Vegas

Start at: Tue, 27 Jun 2017 04:30:28 +0000

End at: Tue, 27 Jun 2017 04:30:58 +0000

Local clock offset: 0.487 ms

Remote clock offset: -2.204 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:31:03 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 45.91 Mbit/s

95th percentile per-packet one-way delay: 38.607 ms

Loss rate: 0.38%

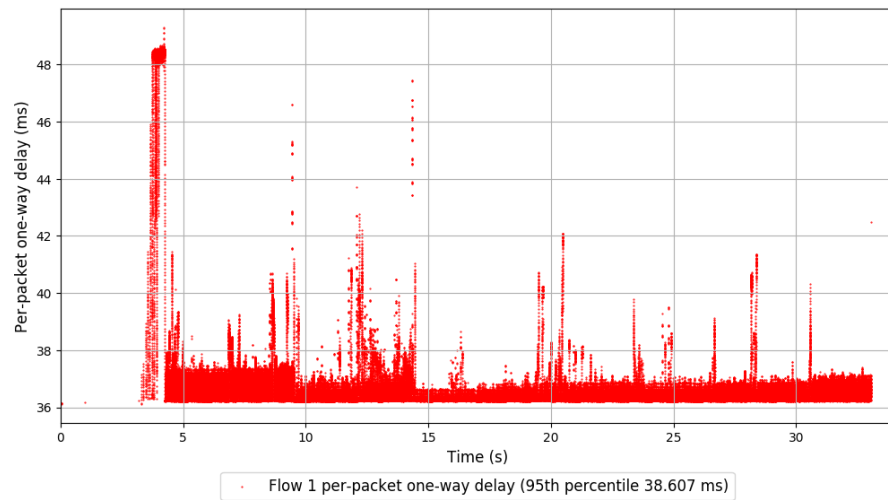
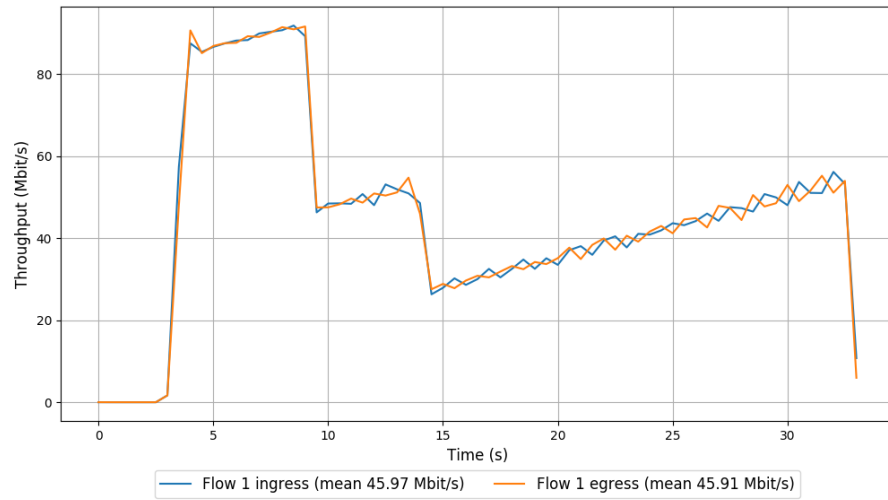
-- Flow 1:

Average throughput: 45.91 Mbit/s

95th percentile per-packet one-way delay: 38.607 ms

Loss rate: 0.38%

# Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

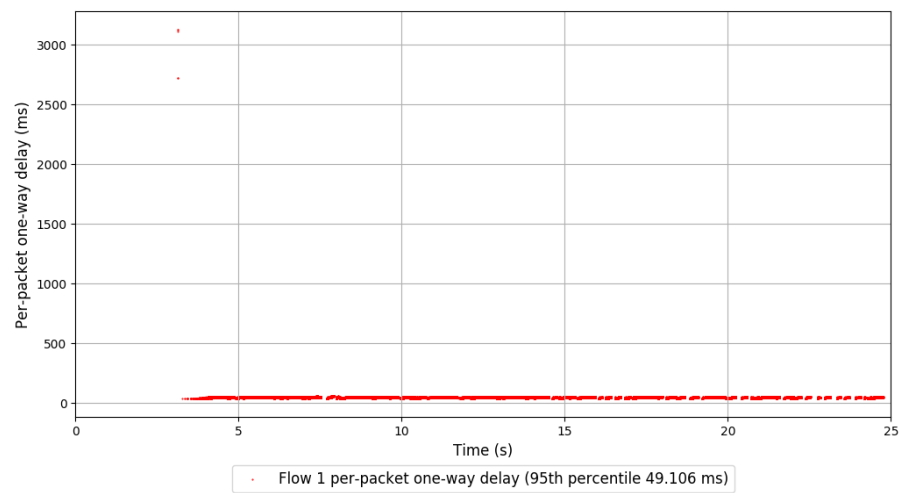
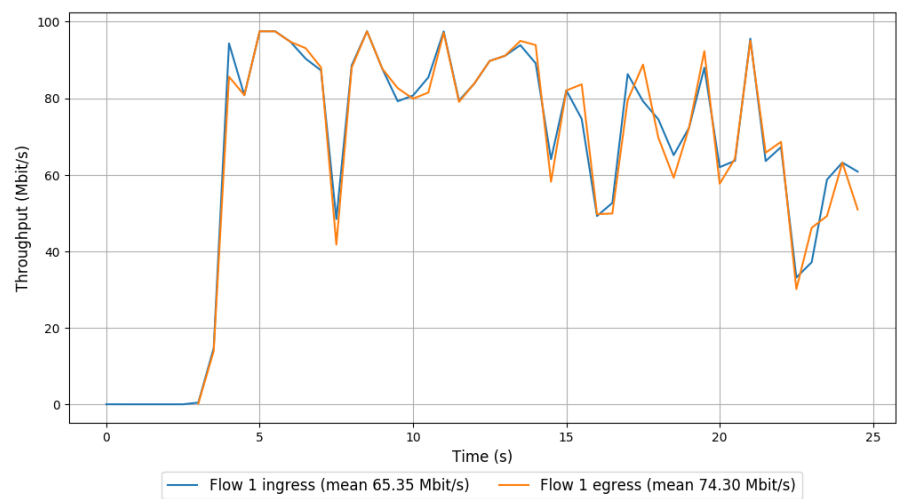
Start at: Tue, 27 Jun 2017 01:36:54 +0000

End at: Tue, 27 Jun 2017 01:37:24 +0000

Local clock offset: -0.369 ms

Remote clock offset: -4.802 ms

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: Tue, 27 Jun 2017 01:56:33 +0000

End at: Tue, 27 Jun 2017 01:57:04 +0000

Local clock offset: -0.349 ms

Remote clock offset: -2.764 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:31:13 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 72.78 Mbit/s

95th percentile per-packet one-way delay: 48.934 ms

Loss rate: 0.43%

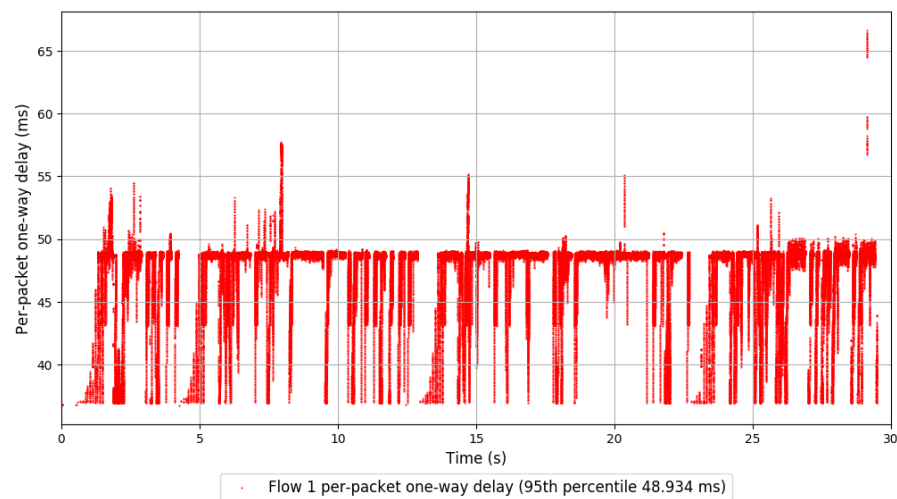
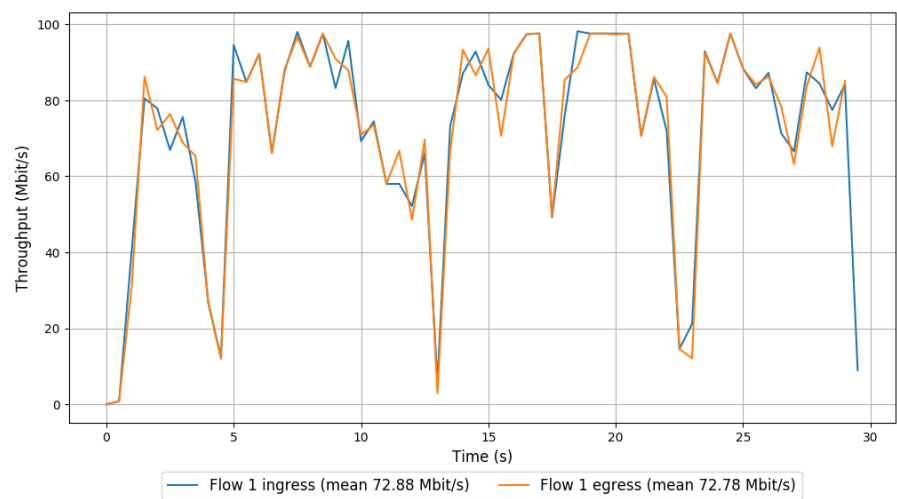
-- Flow 1:

Average throughput: 72.78 Mbit/s

95th percentile per-packet one-way delay: 48.934 ms

Loss rate: 0.43%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: Tue, 27 Jun 2017 02:16:31 +0000

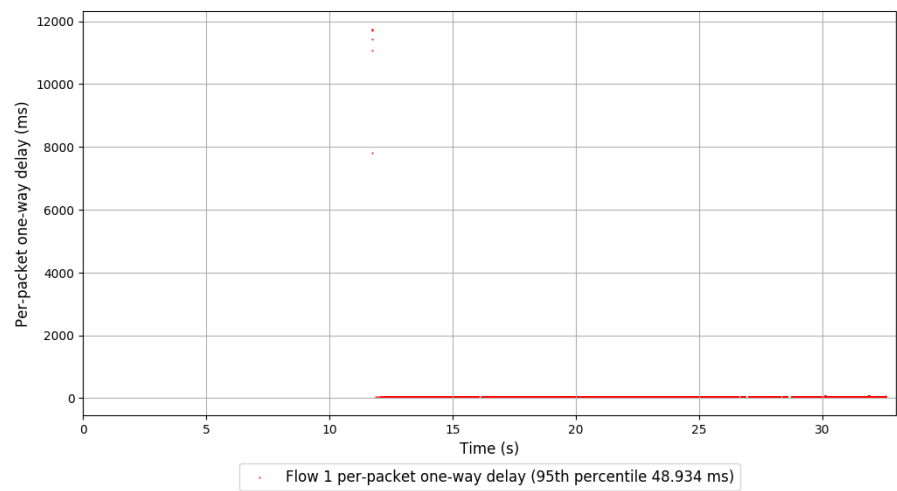
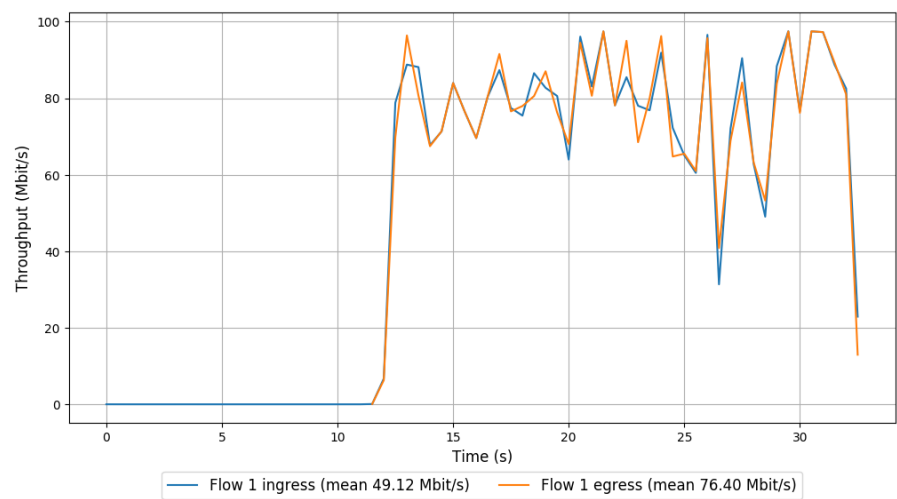
End at: Tue, 27 Jun 2017 02:17:01 +0000

Local clock offset: -0.355 ms

Remote clock offset: -2.811 ms



Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: Tue, 27 Jun 2017 02:36:19 +0000

End at: Tue, 27 Jun 2017 02:36:49 +0000

Local clock offset: -0.212 ms

Remote clock offset: -4.888 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:31:24 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 70.88 Mbit/s

95th percentile per-packet one-way delay: 48.713 ms

Loss rate: 0.94%

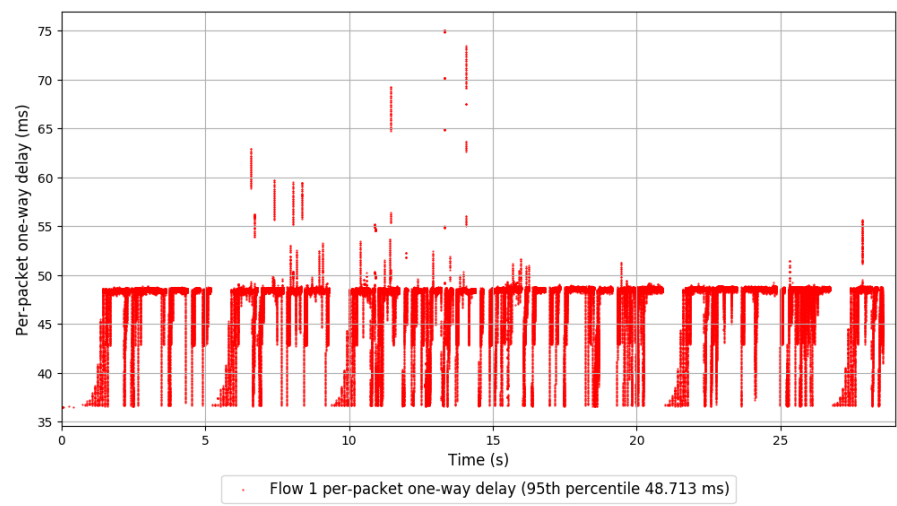
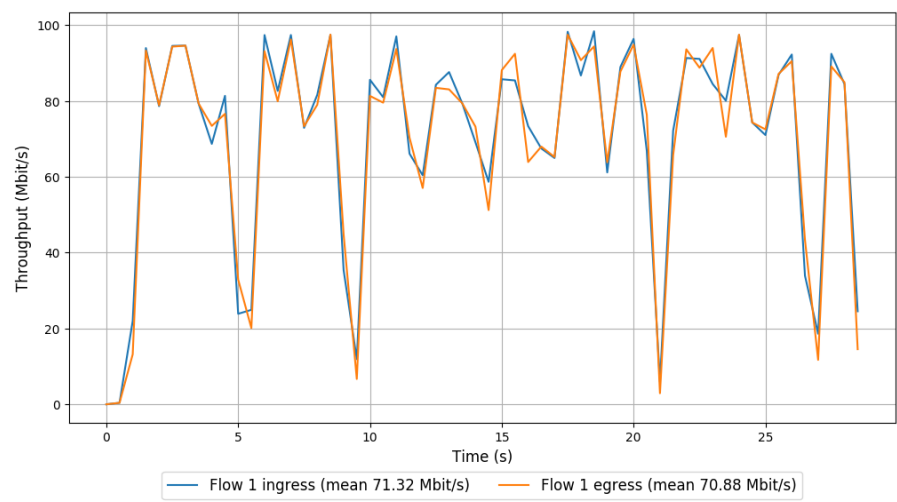
-- Flow 1:

Average throughput: 70.88 Mbit/s

95th percentile per-packet one-way delay: 48.713 ms

Loss rate: 0.94%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

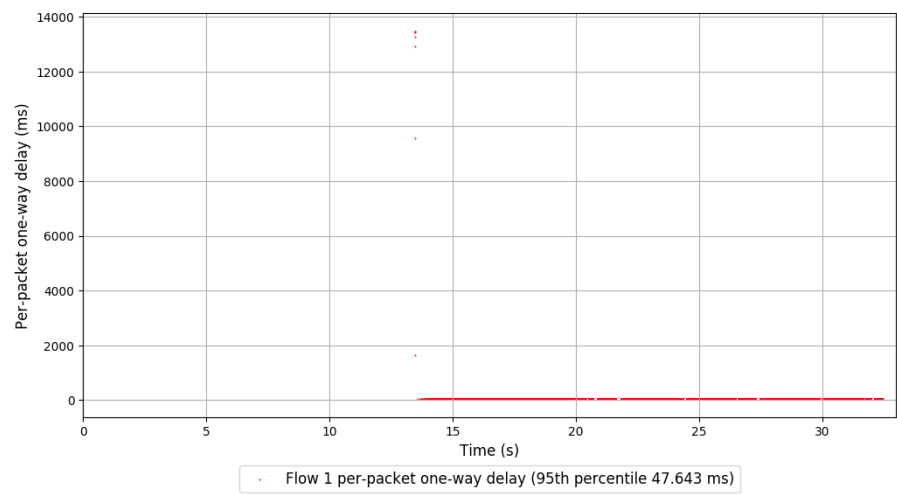
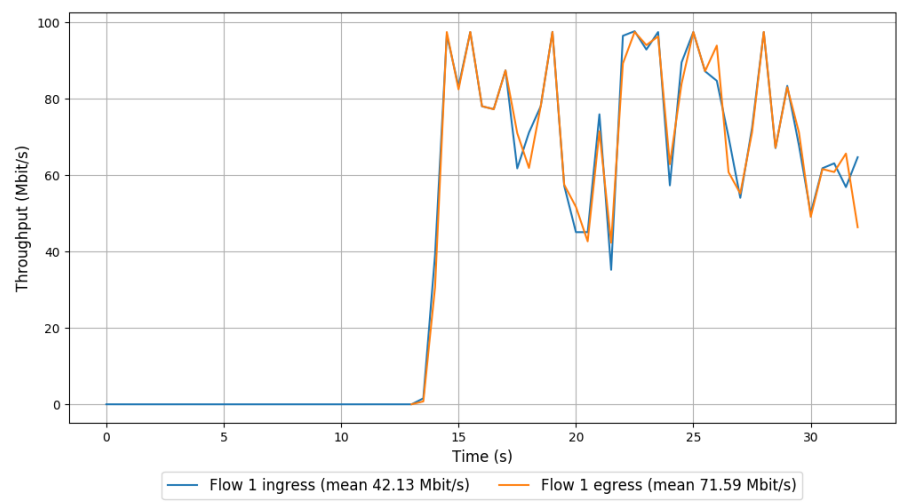
Start at: Tue, 27 Jun 2017 02:56:06 +0000

End at: Tue, 27 Jun 2017 02:56:36 +0000

Local clock offset: -0.052 ms

Remote clock offset: -2.989 ms

Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: Tue, 27 Jun 2017 03:15:51 +0000

End at: Tue, 27 Jun 2017 03:16:21 +0000

Local clock offset: -0.122 ms

Remote clock offset: -4.98 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:31:32 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 75.24 Mbit/s

95th percentile per-packet one-way delay: 47.761 ms

Loss rate: 0.54%

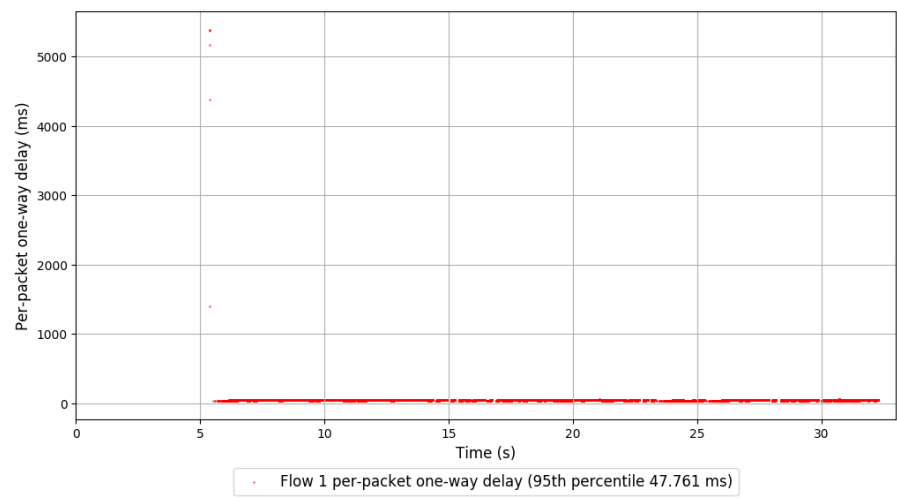
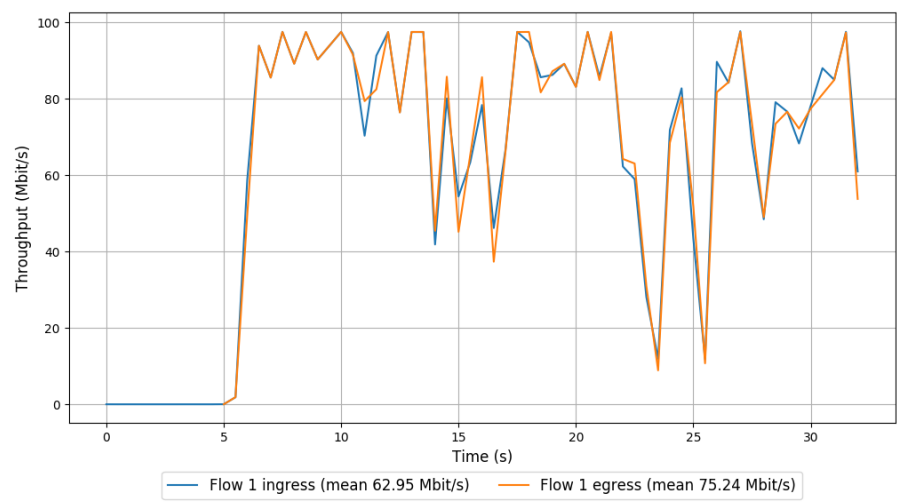
-- Flow 1:

Average throughput: 75.24 Mbit/s

95th percentile per-packet one-way delay: 47.761 ms

Loss rate: 0.54%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: Tue, 27 Jun 2017 03:35:37 +0000

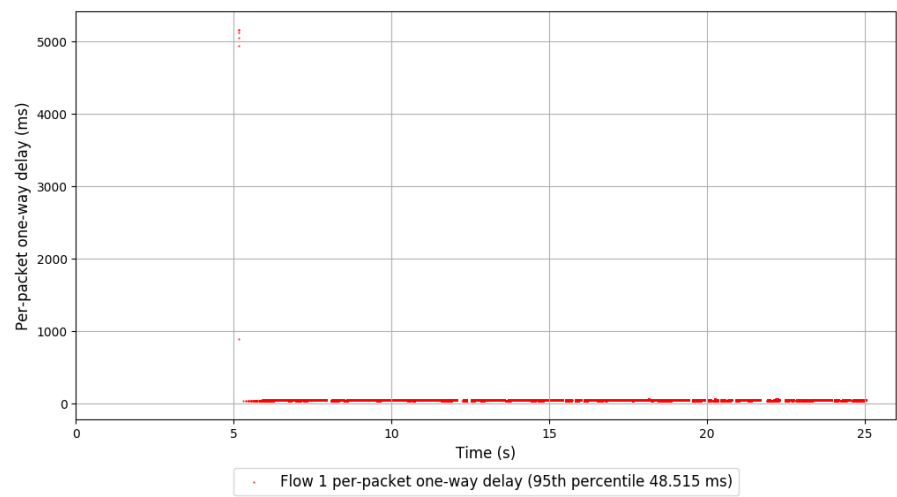
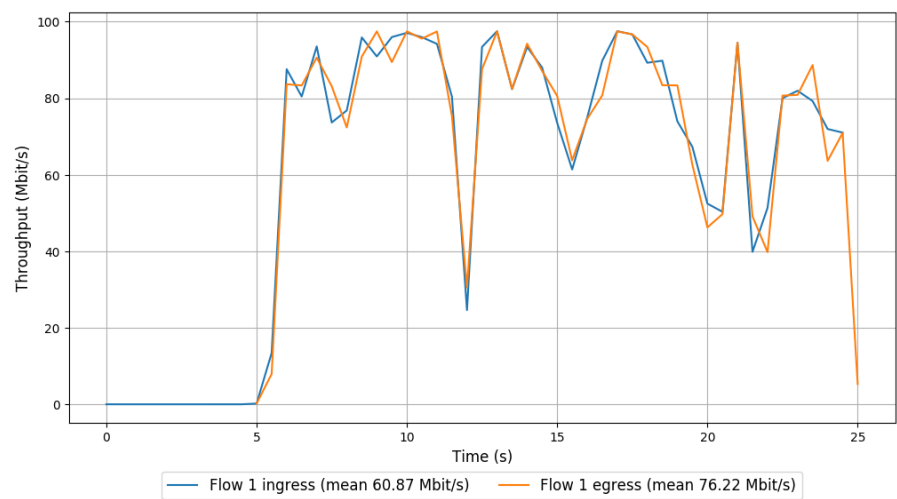
End at: Tue, 27 Jun 2017 03:36:07 +0000

Local clock offset: -0.065 ms

Remote clock offset: -2.498 ms



Run 7: Report of Verus — Data Link



Run 8: Statistics of Verus

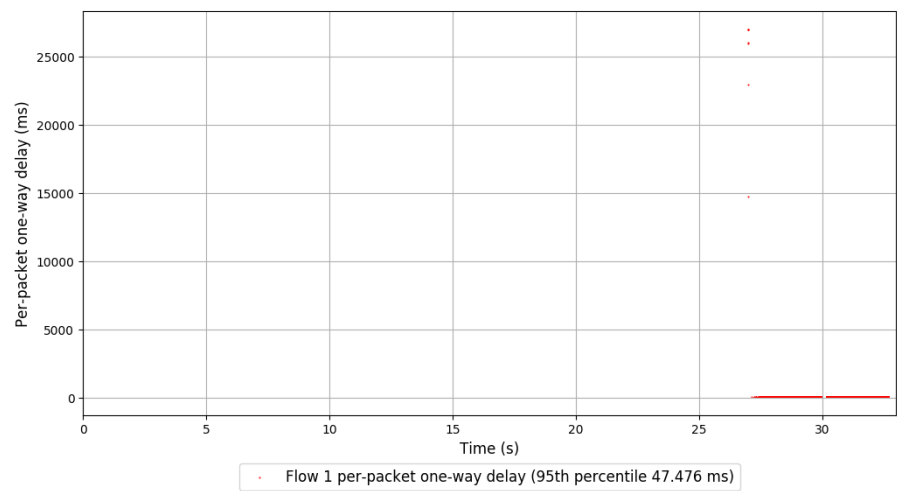
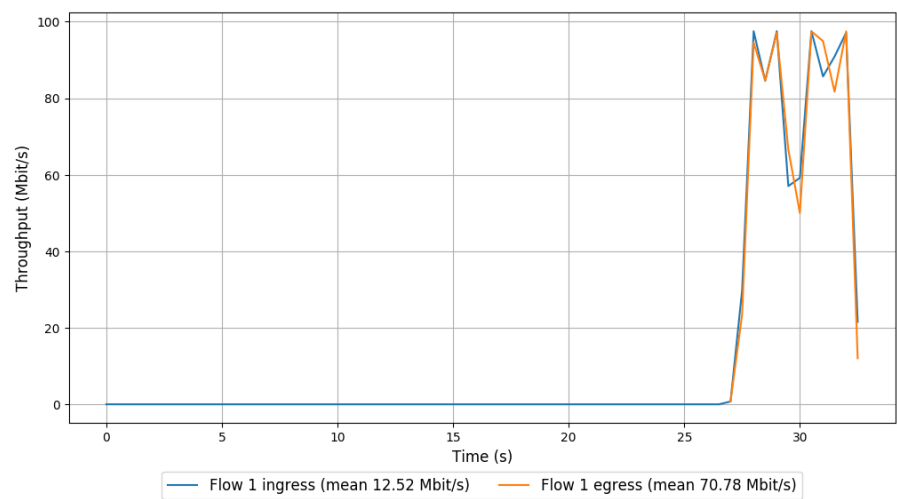
Start at: Tue, 27 Jun 2017 03:55:15 +0000

End at: Tue, 27 Jun 2017 03:55:45 +0000

Local clock offset: 0.107 ms

Remote clock offset: -2.763 ms

Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

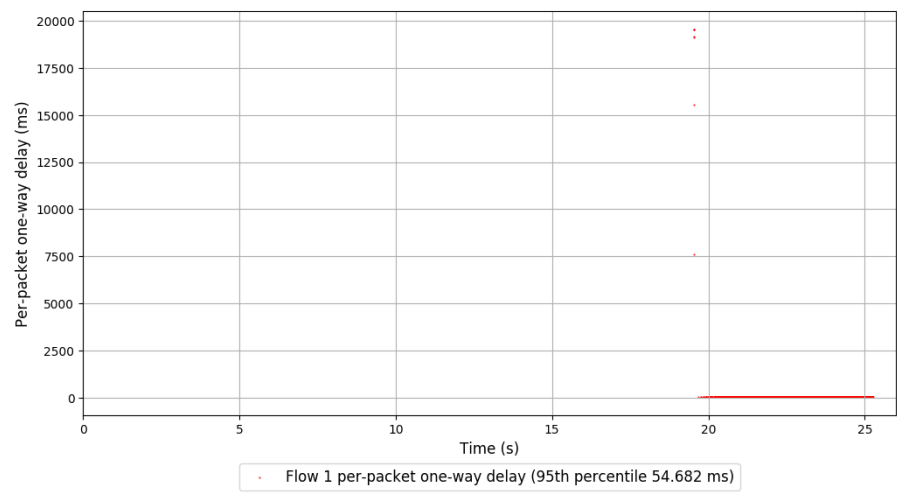
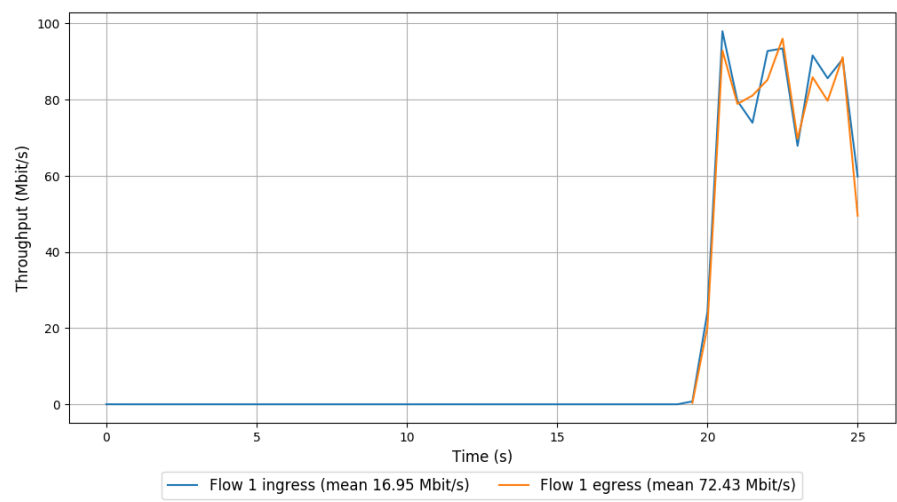
Start at: Tue, 27 Jun 2017 04:14:50 +0000

End at: Tue, 27 Jun 2017 04:15:20 +0000

Local clock offset: 0.393 ms

Remote clock offset: -4.826 ms

Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

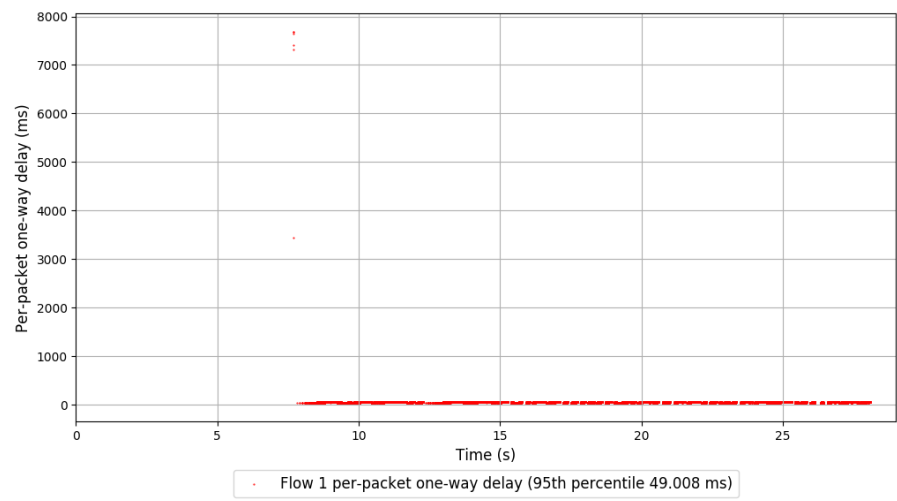
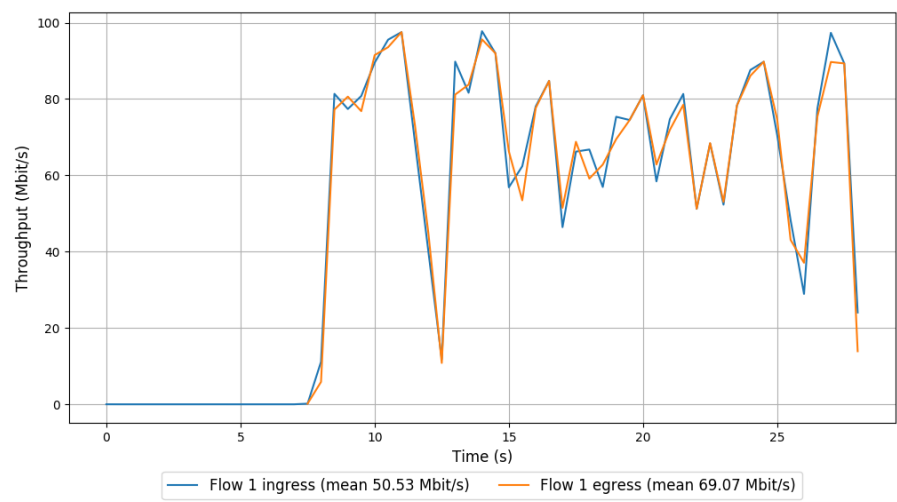
Start at: Tue, 27 Jun 2017 04:34:26 +0000

End at: Tue, 27 Jun 2017 04:34:56 +0000

Local clock offset: 0.393 ms

Remote clock offset: -3.029 ms

Run 10: Report of Verus — Data Link



Run 1: Statistics of WebRTC media

Start at: Tue, 27 Jun 2017 01:31:40 +0000

End at: Tue, 27 Jun 2017 01:32:10 +0000

Local clock offset: -0.444 ms

Remote clock offset: -5.273 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:31:43 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.27 Mbit/s

95th percentile per-packet one-way delay: 37.678 ms

Loss rate: 0.44%

-- Flow 1:

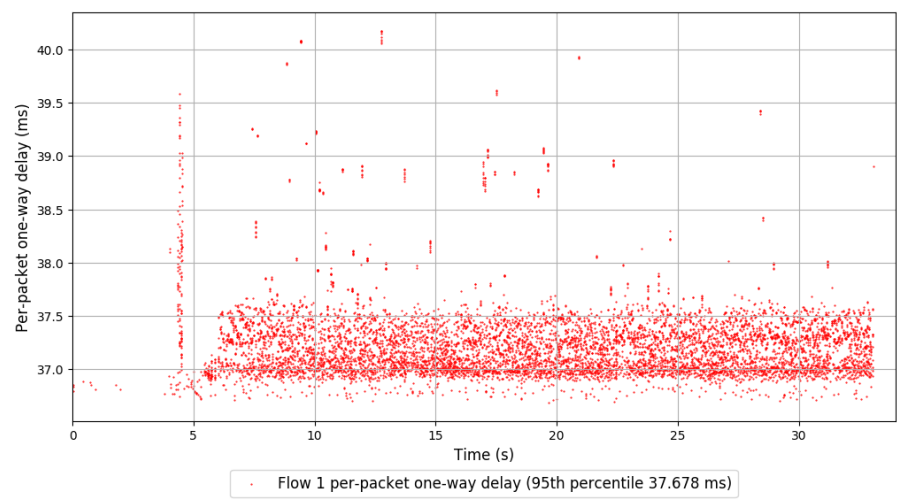
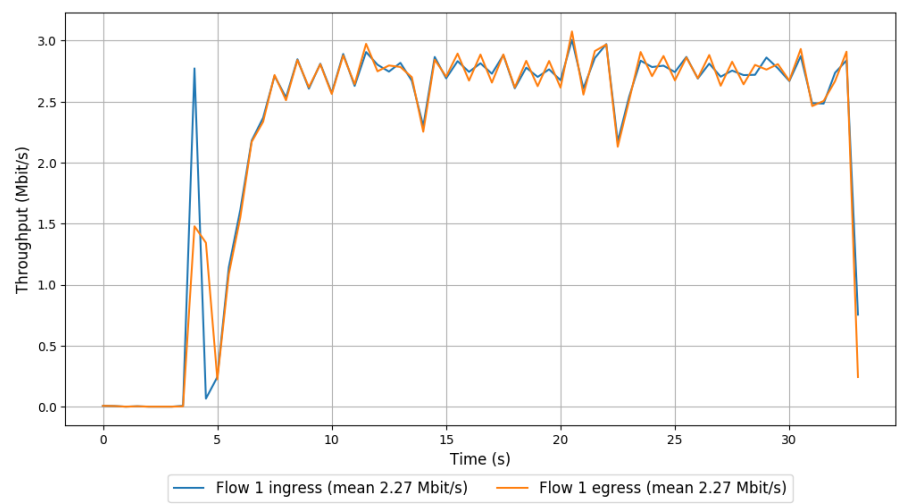
Average throughput: 2.27 Mbit/s

95th percentile per-packet one-way delay: 37.678 ms

Loss rate: 0.44%



Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: Tue, 27 Jun 2017 01:51:21 +0000

End at: Tue, 27 Jun 2017 01:51:51 +0000

Local clock offset: -0.464 ms

Remote clock offset: -3.269 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:31:43 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.27 Mbit/s

95th percentile per-packet one-way delay: 36.842 ms

Loss rate: 0.52%

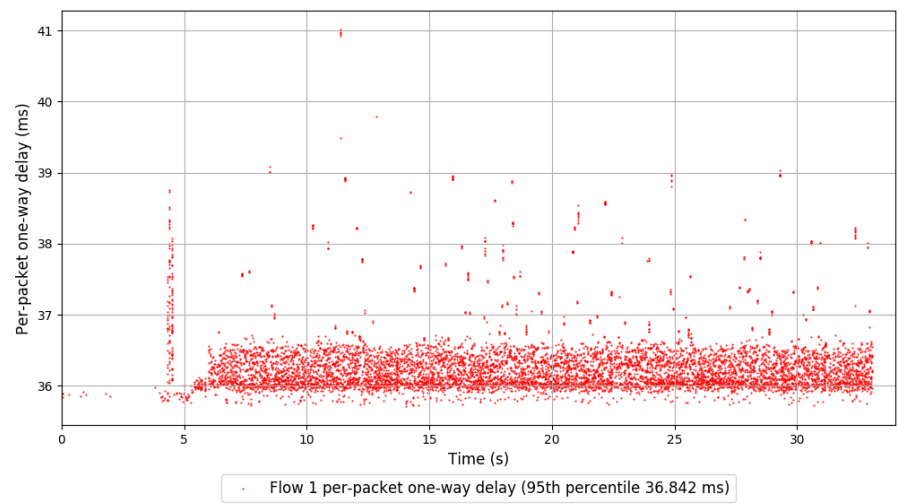
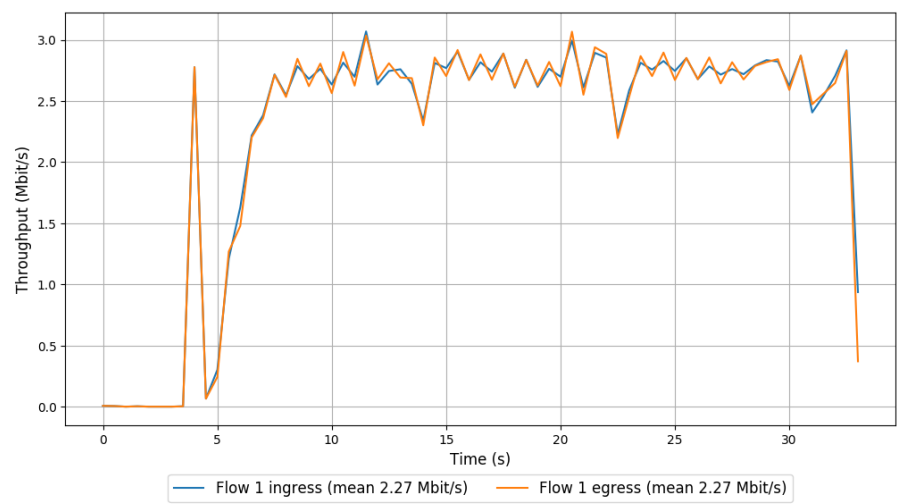
-- Flow 1:

Average throughput: 2.27 Mbit/s

95th percentile per-packet one-way delay: 36.842 ms

Loss rate: 0.52%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: Tue, 27 Jun 2017 02:11:16 +0000

End at: Tue, 27 Jun 2017 02:11:46 +0000

Local clock offset: -0.411 ms

Remote clock offset: -2.45 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:31:43 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.27 Mbit/s

95th percentile per-packet one-way delay: 37.635 ms

Loss rate: 0.30%

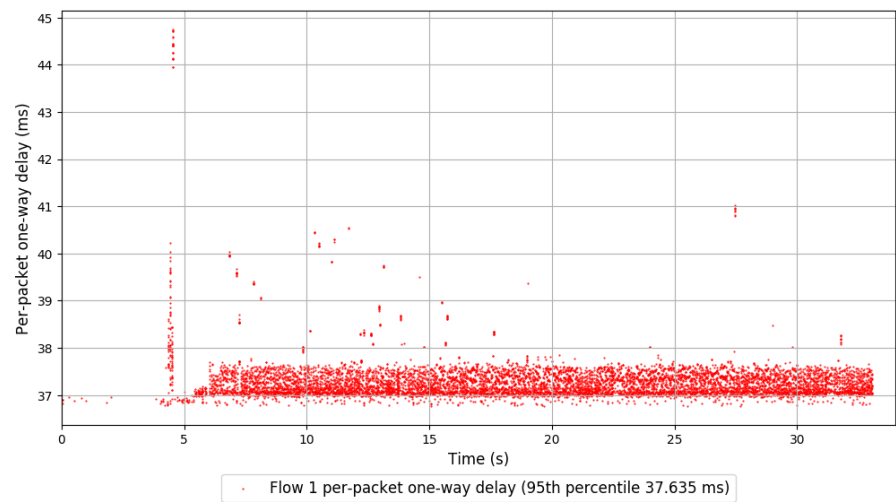
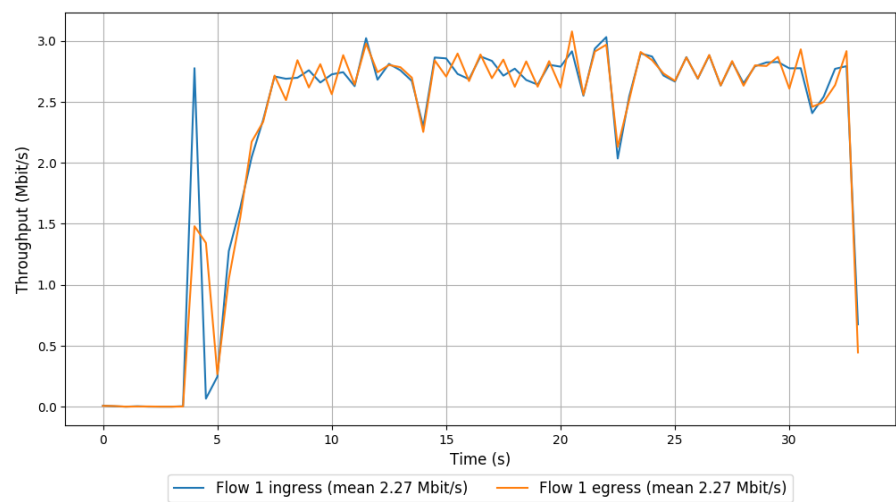
-- Flow 1:

Average throughput: 2.27 Mbit/s

95th percentile per-packet one-way delay: 37.635 ms

Loss rate: 0.30%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: Tue, 27 Jun 2017 02:31:04 +0000

End at: Tue, 27 Jun 2017 02:31:34 +0000

Local clock offset: -0.287 ms

Remote clock offset: -4.914 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:31:43 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.27 Mbit/s

95th percentile per-packet one-way delay: 37.337 ms

Loss rate: 0.29%

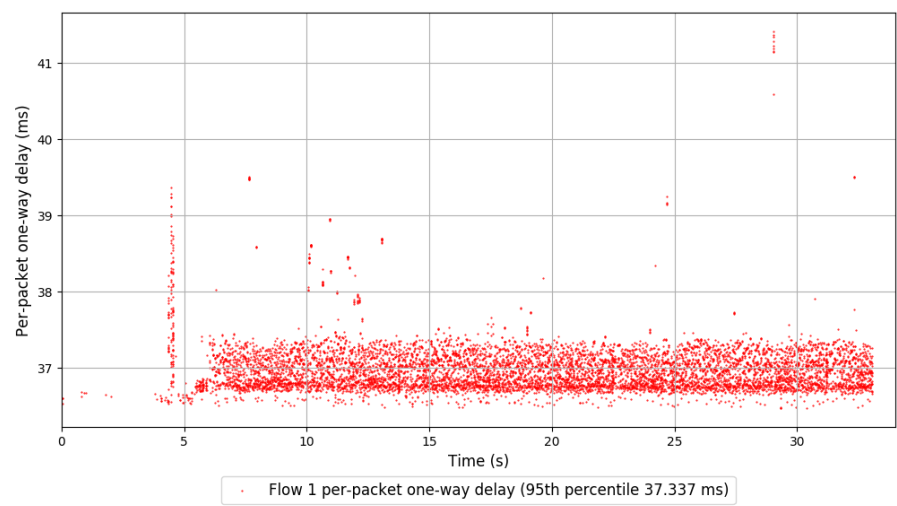
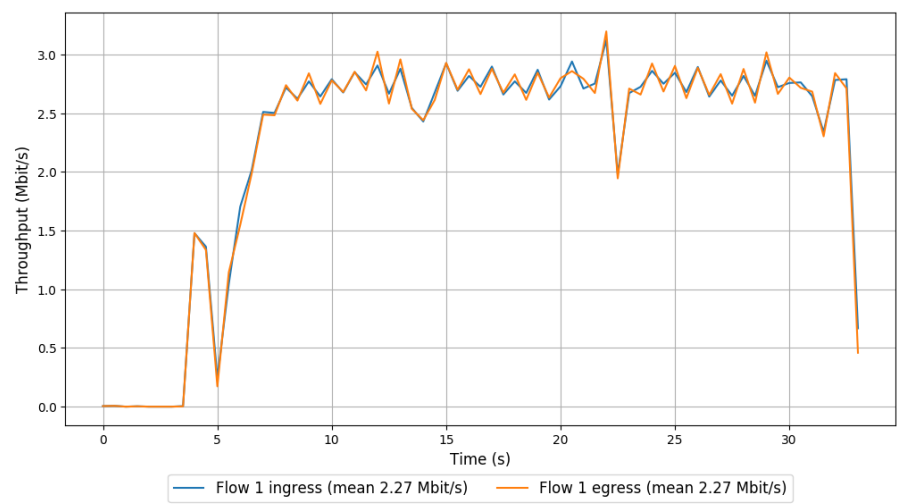
-- Flow 1:

Average throughput: 2.27 Mbit/s

95th percentile per-packet one-way delay: 37.337 ms

Loss rate: 0.29%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: Tue, 27 Jun 2017 02:50:53 +0000

End at: Tue, 27 Jun 2017 02:51:23 +0000

Local clock offset: -0.093 ms

Remote clock offset: -2.876 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:31:43 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.27 Mbit/s

95th percentile per-packet one-way delay: 36.278 ms

Loss rate: 0.46%

-- Flow 1:

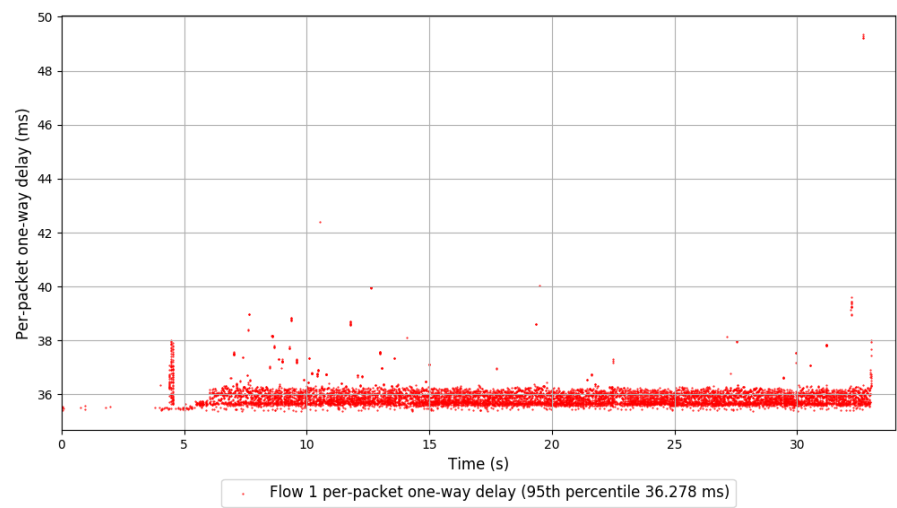
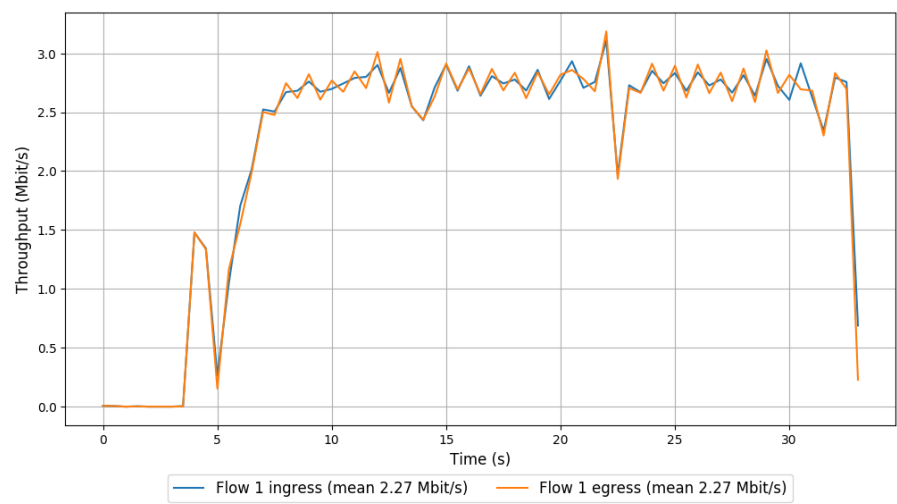
Average throughput: 2.27 Mbit/s

95th percentile per-packet one-way delay: 36.278 ms

Loss rate: 0.46%



Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: Tue, 27 Jun 2017 03:10:38 +0000

End at: Tue, 27 Jun 2017 03:11:08 +0000

Local clock offset: -0.061 ms

Remote clock offset: -2.791 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:31:43 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.27 Mbit/s

95th percentile per-packet one-way delay: 36.766 ms

Loss rate: 0.30%

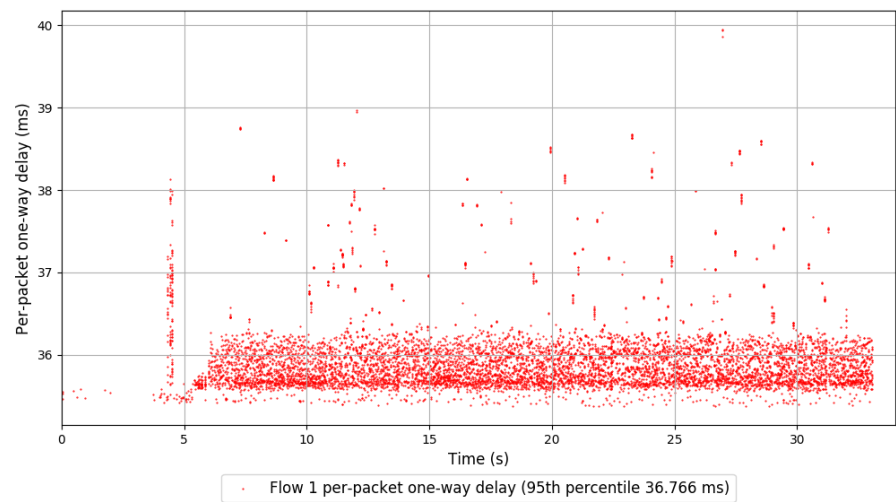
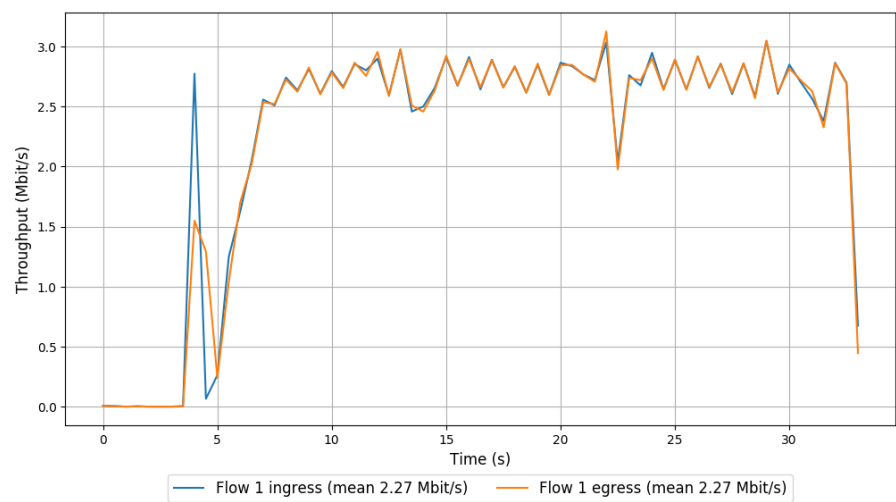
-- Flow 1:

Average throughput: 2.27 Mbit/s

95th percentile per-packet one-way delay: 36.766 ms

Loss rate: 0.30%

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: Tue, 27 Jun 2017 03:30:24 +0000

End at: Tue, 27 Jun 2017 03:30:54 +0000

Local clock offset: -0.052 ms

Remote clock offset: -3.278 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:31:44 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.27 Mbit/s

95th percentile per-packet one-way delay: 36.235 ms

Loss rate: 0.29%

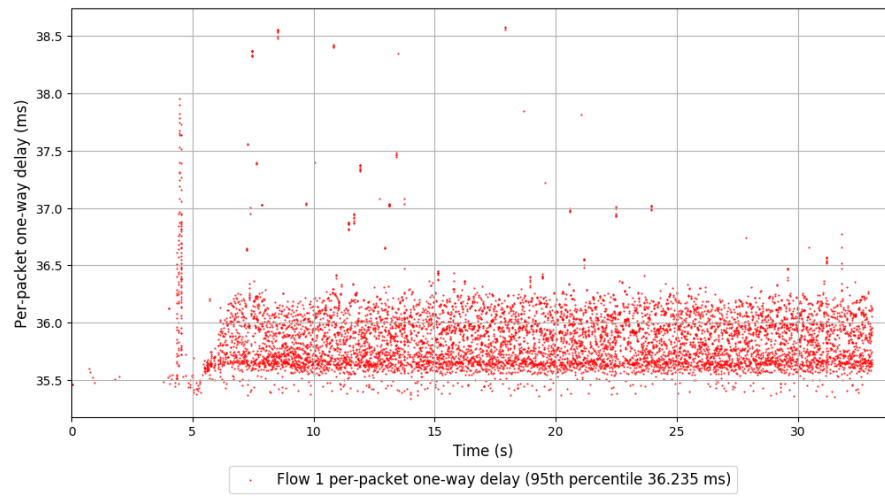
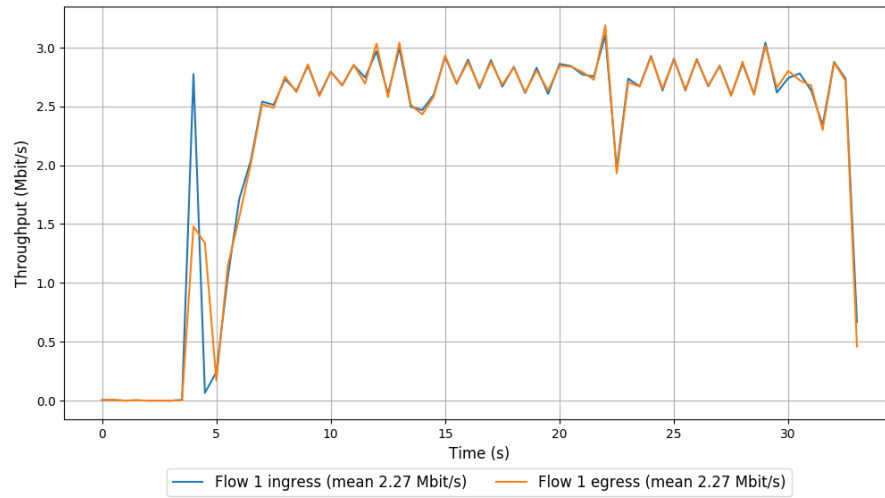
-- Flow 1:

Average throughput: 2.27 Mbit/s

95th percentile per-packet one-way delay: 36.235 ms

Loss rate: 0.29%

## Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

Start at: Tue, 27 Jun 2017 03:50:02 +0000

End at: Tue, 27 Jun 2017 03:50:32 +0000

Local clock offset: 0.03 ms

Remote clock offset: -2.747 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:31:44 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.27 Mbit/s

95th percentile per-packet one-way delay: 37.239 ms

Loss rate: 0.39%

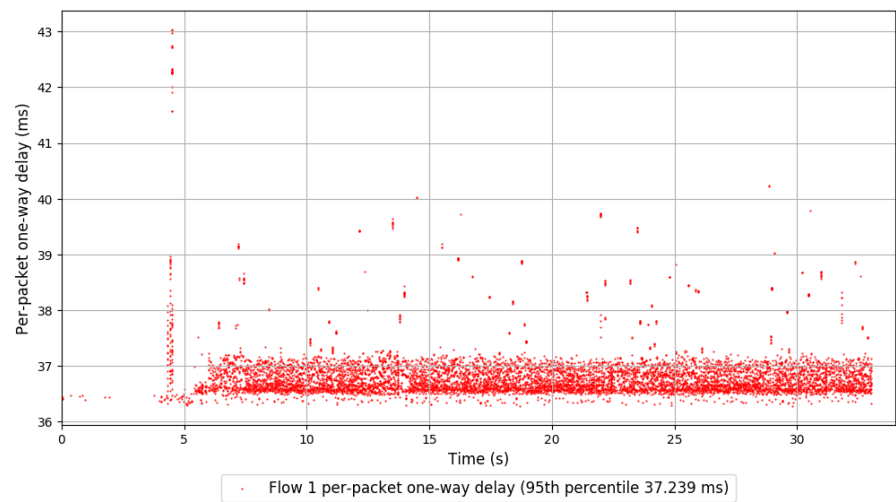
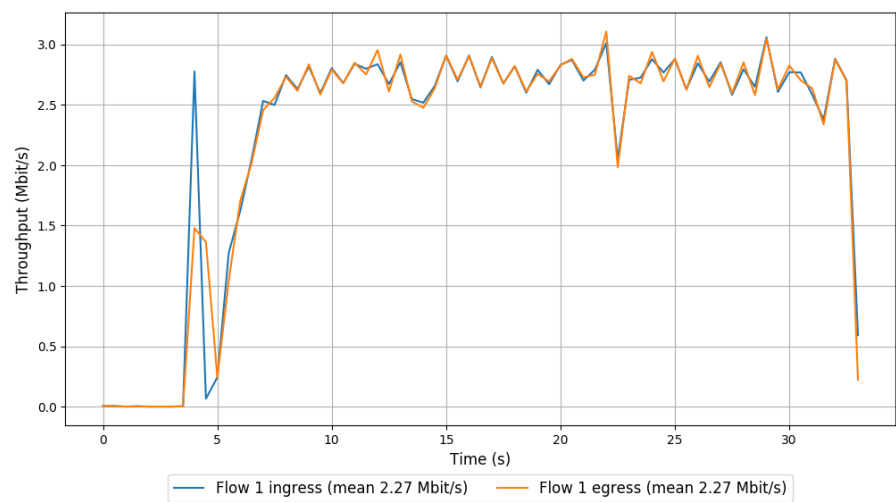
-- Flow 1:

Average throughput: 2.27 Mbit/s

95th percentile per-packet one-way delay: 37.239 ms

Loss rate: 0.39%

Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

Start at: Tue, 27 Jun 2017 04:09:37 +0000

End at: Tue, 27 Jun 2017 04:10:07 +0000

Local clock offset: 0.241 ms

Remote clock offset: -5.273 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:31:46 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.27 Mbit/s

95th percentile per-packet one-way delay: 36.565 ms

Loss rate: 0.30%

-- Flow 1:

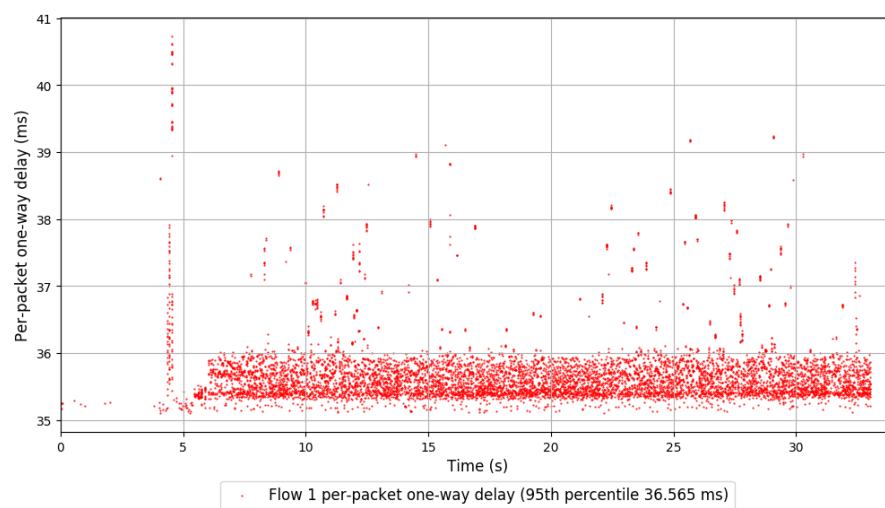
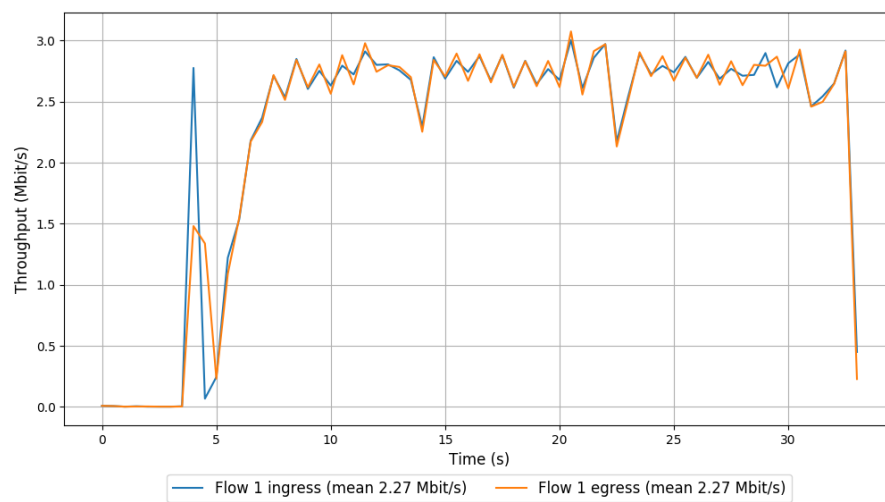
Average throughput: 2.27 Mbit/s

95th percentile per-packet one-way delay: 36.565 ms

Loss rate: 0.30%



### Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: Tue, 27 Jun 2017 04:29:13 +0000

End at: Tue, 27 Jun 2017 04:29:43 +0000

Local clock offset: 0.442 ms

Remote clock offset: -5.059 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 05:31:46 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.27 Mbit/s

95th percentile per-packet one-way delay: 36.904 ms

Loss rate: 0.44%

-- Flow 1:

Average throughput: 2.27 Mbit/s

95th percentile per-packet one-way delay: 36.904 ms

Loss rate: 0.44%

Run 10: Report of WebRTC media — Data Link

