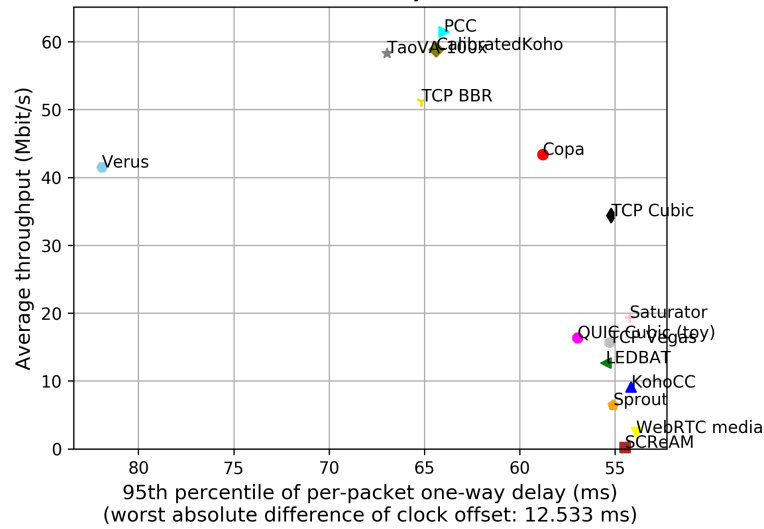


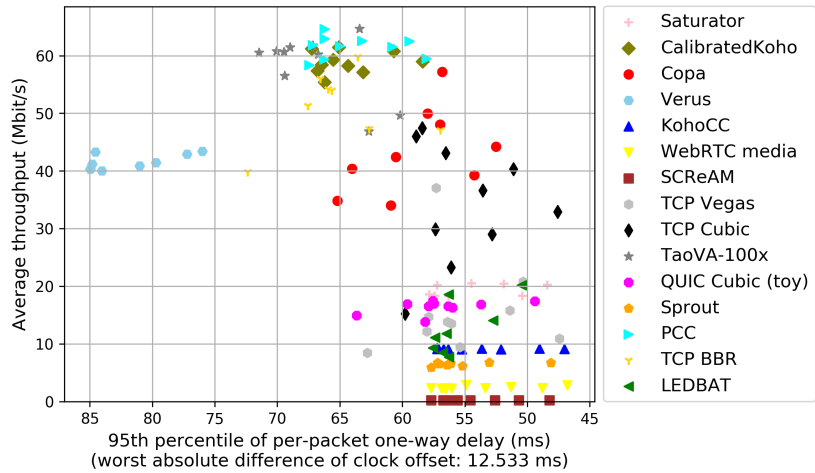
**Pantheon Summary** (Generated at Fri, 30 Jun 2017 01:23:19 +0000 with  
pantheon version f1f579919e2382b18c1fb18b676e821e7efc0b62)  
Repeated the test of 15 congestion control schemes 10 times.  
Each test lasted for 30 seconds running 1 flow.  
Data path **from** Colombia Ethernet **to** AWS Brazil 2 Ethernet.  
NTP offset measured against gps.ntp.br.

```
git branch: master @ f1f579919e2382b18c1fb18b676e821e7efc0b62
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/genericCC @ dae96123232f1bcb37725348fa2378691ce26725
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-stimuli @ fc73a85ca16c34366d1888dc8a0d0d88d4ebf2a7
third_party/pantheon-tunnel @ 4893799ab83a43fa2d3236507d168f461e1243ed
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ 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
```

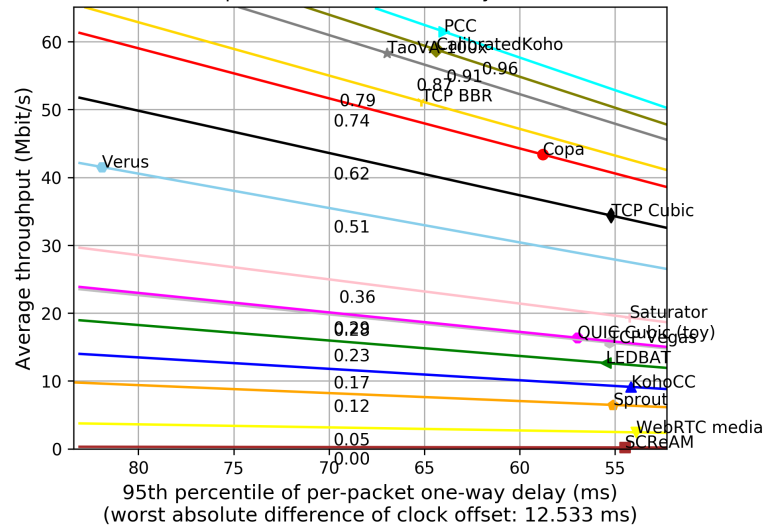
test from Colombia Ethernet to AWS Brazil 2 Ethernet, 10 runs of 30s each per scheme  
mean of all runs by scheme



test from Colombia Ethernet to AWS Brazil 2 Ethernet, 10 runs of 30s each per scheme



test from Colombia Ethernet to AWS Brazil 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: Thu, 29 Jun 2017 21:55:42 +0000

End at: Thu, 29 Jun 2017 21:56:12 +0000

Local clock offset: 0.618 ms

Remote clock offset: -11.23 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:16:17 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 47.15 Mbit/s

95th percentile per-packet one-way delay: 56.953 ms

Loss rate: 7.15%

-- Flow 1:

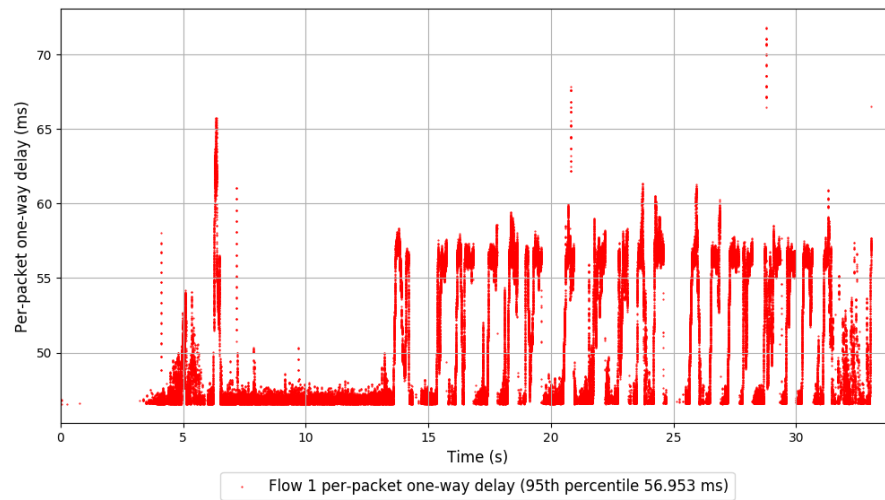
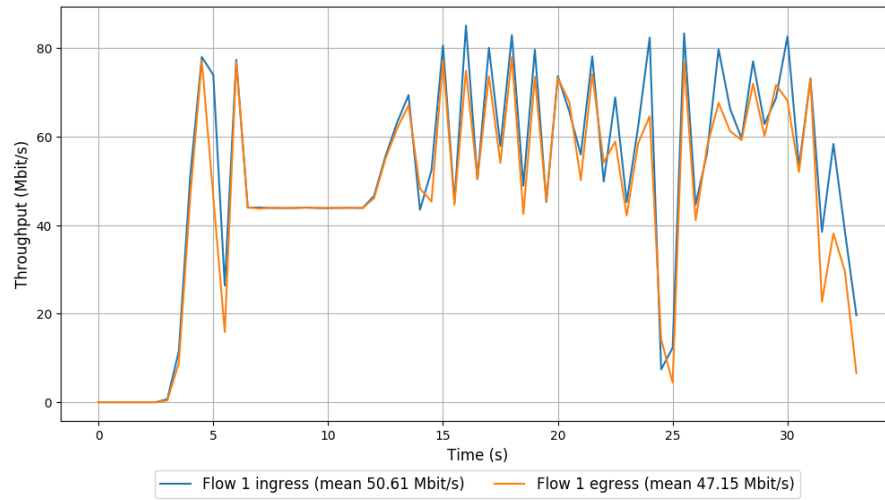
Average throughput: 47.15 Mbit/s

95th percentile per-packet one-way delay: 56.953 ms

Loss rate: 7.15%



# Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: Thu, 29 Jun 2017 22:13:16 +0000

End at: Thu, 29 Jun 2017 22:13:46 +0000

Local clock offset: 0.611 ms

Remote clock offset: -8.276 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:16:17 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 47.32 Mbit/s

95th percentile per-packet one-way delay: 62.663 ms

Loss rate: 7.18%

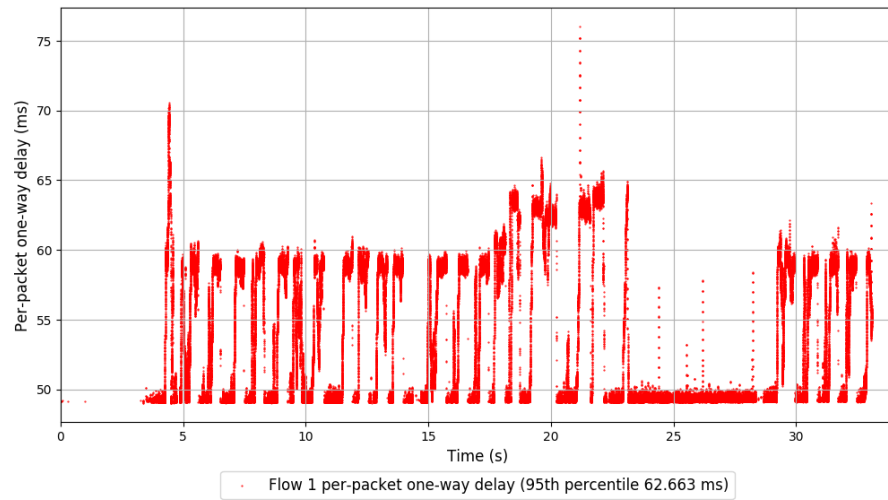
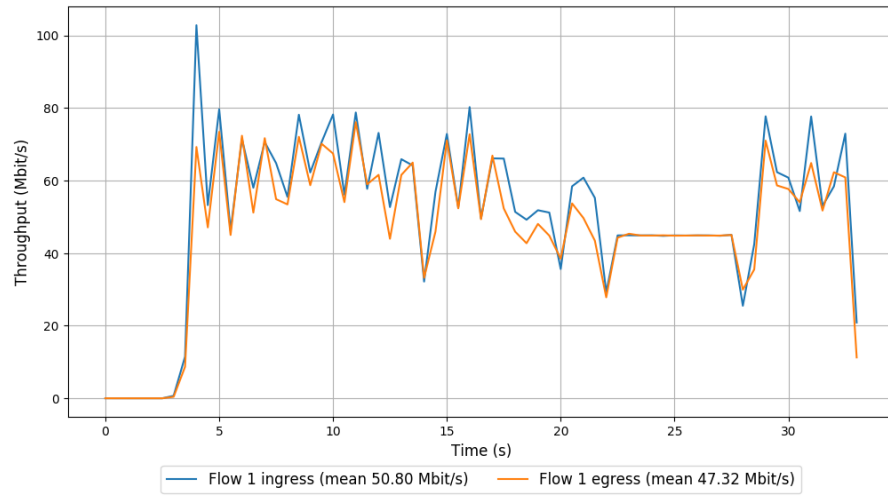
-- Flow 1:

Average throughput: 47.32 Mbit/s

95th percentile per-packet one-way delay: 62.663 ms

Loss rate: 7.18%

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



Run 3: Statistics of TCP BBR

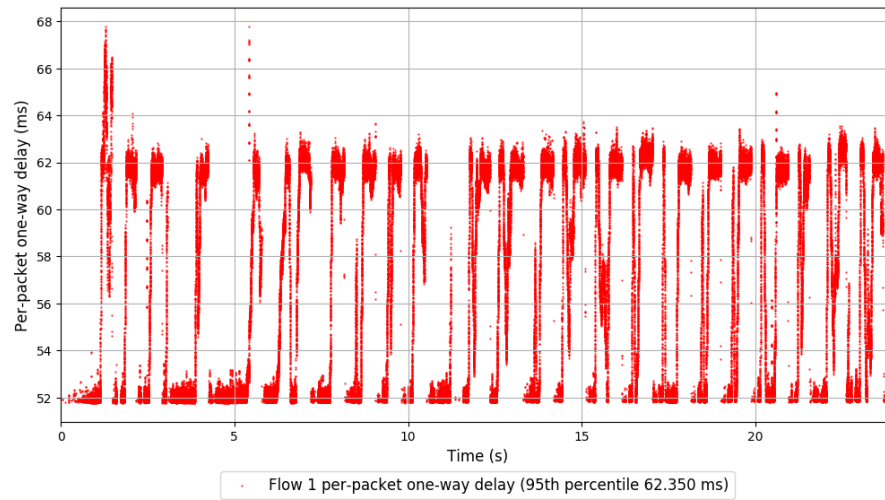
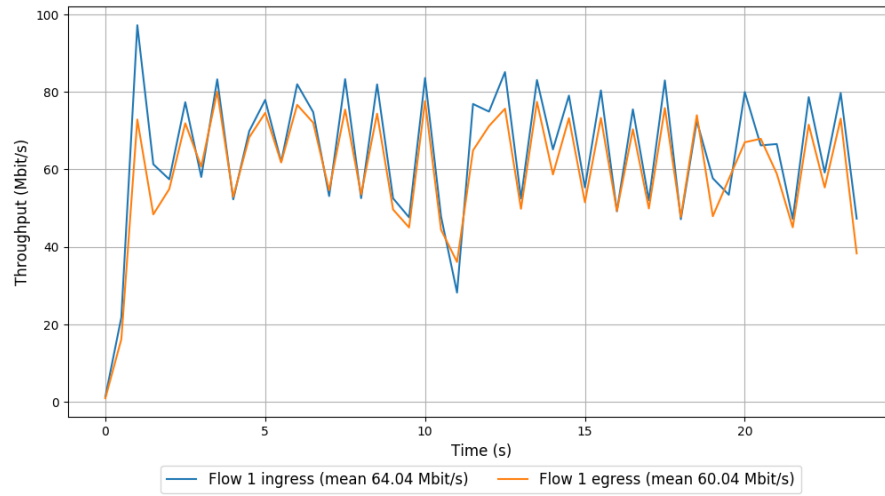
Start at: Thu, 29 Jun 2017 22:30:41 +0000

End at: Thu, 29 Jun 2017 22:31:11 +0000

Local clock offset: 0.488 ms

Remote clock offset: -6.171 ms

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



Run 4: Statistics of TCP BBR

Start at: Thu, 29 Jun 2017 22:48:05 +0000

End at: Thu, 29 Jun 2017 22:48:35 +0000

Local clock offset: 0.507 ms

Remote clock offset: -4.305 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:16:25 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 59.80 Mbit/s

95th percentile per-packet one-way delay: 63.571 ms

Loss rate: 6.31%

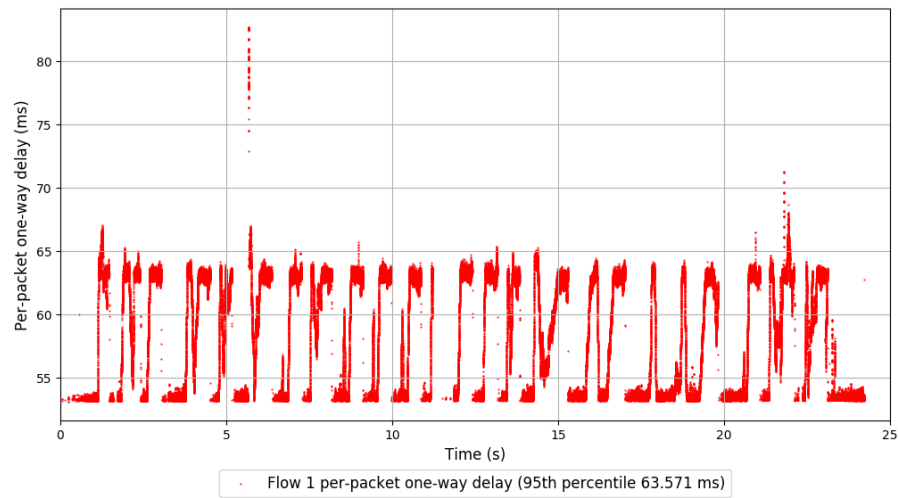
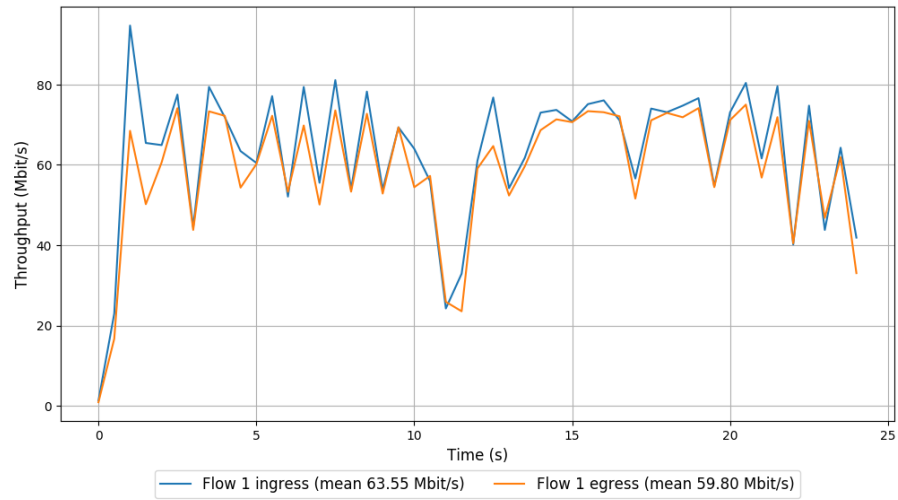
-- Flow 1:

Average throughput: 59.80 Mbit/s

95th percentile per-packet one-way delay: 63.571 ms

Loss rate: 6.31%

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



Run 5: Statistics of TCP BBR

Start at: Thu, 29 Jun 2017 23:05:29 +0000

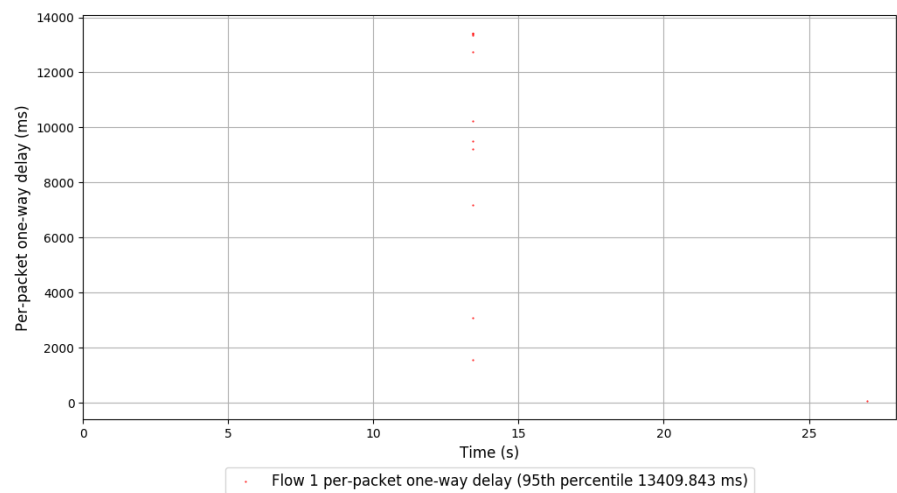
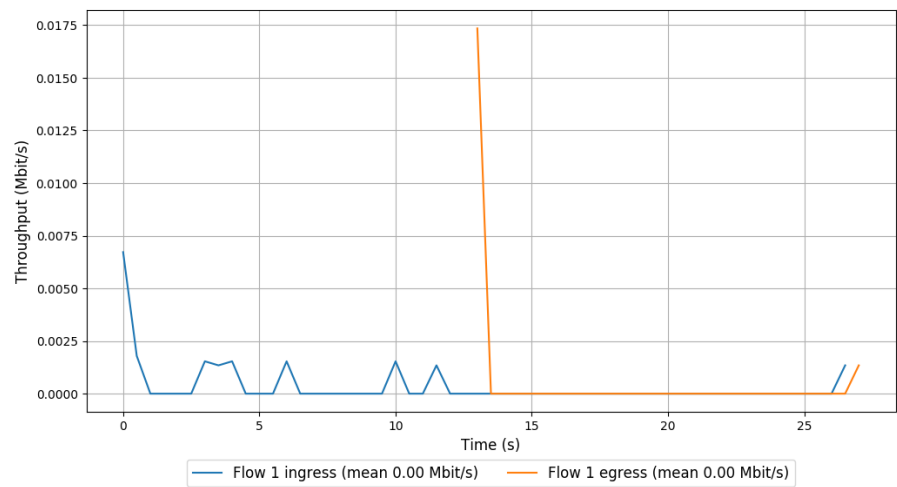
End at: Thu, 29 Jun 2017 23:05:59 +0000

Local clock offset: 0.47 ms

Remote clock offset: -2.695 ms



Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: Thu, 29 Jun 2017 23:22:47 +0000

End at: Thu, 29 Jun 2017 23:23:17 +0000

Local clock offset: 0.444 ms

Remote clock offset: -1.82 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:16:33 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 53.95 Mbit/s

95th percentile per-packet one-way delay: 65.660 ms

Loss rate: 5.48%

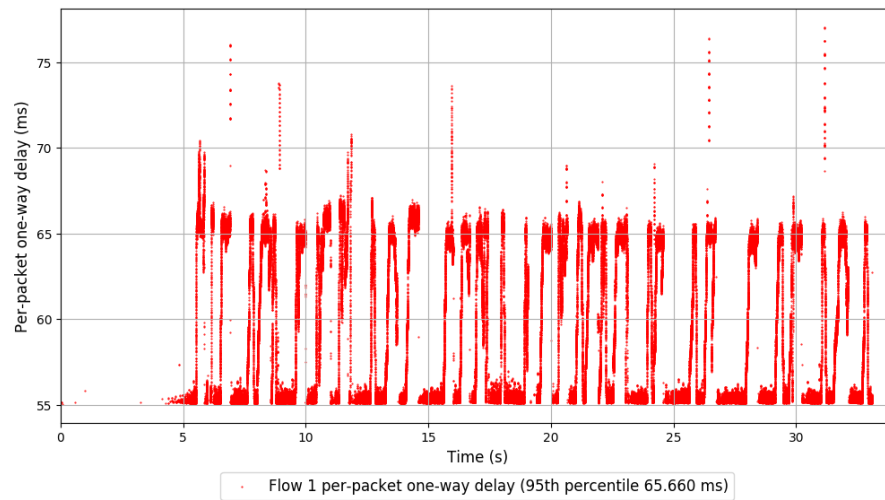
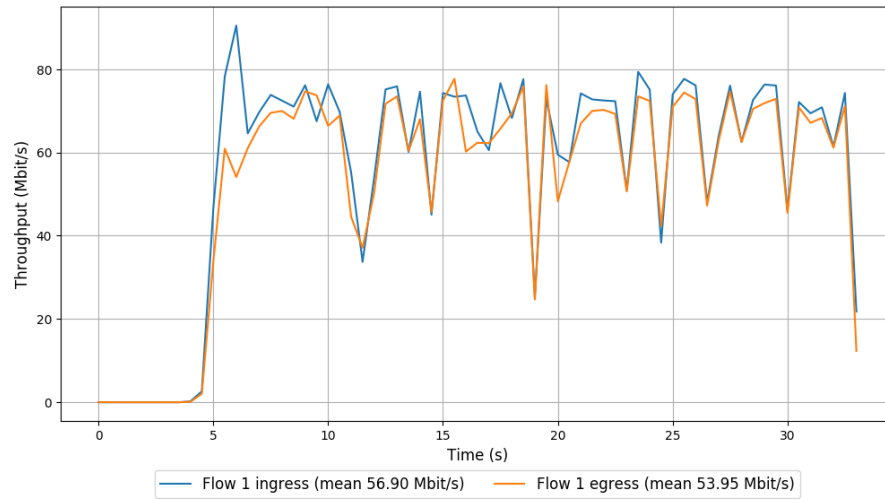
-- Flow 1:

Average throughput: 53.95 Mbit/s

95th percentile per-packet one-way delay: 65.660 ms

Loss rate: 5.48%

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



Run 7: Statistics of TCP BBR

Start at: Thu, 29 Jun 2017 23:40:13 +0000

End at: Thu, 29 Jun 2017 23:40:43 +0000

Local clock offset: 0.365 ms

Remote clock offset: -0.896 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:16:33 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 51.35 Mbit/s

95th percentile per-packet one-way delay: 67.568 ms

Loss rate: 6.57%

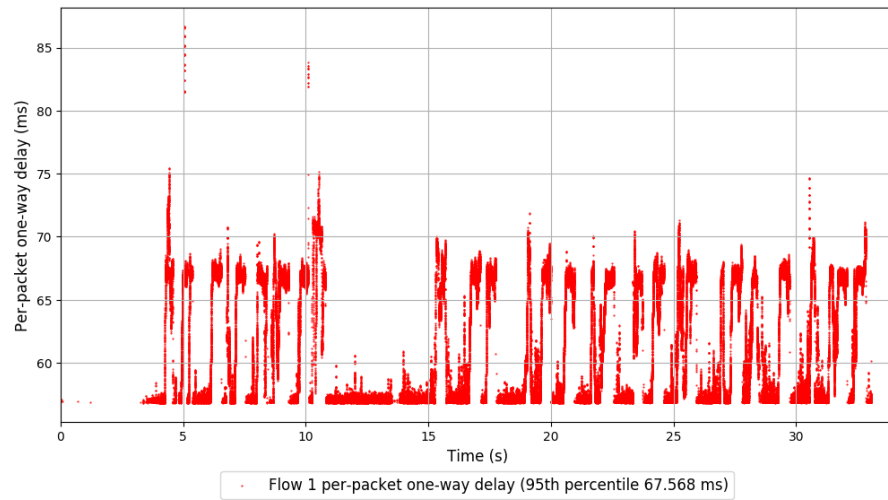
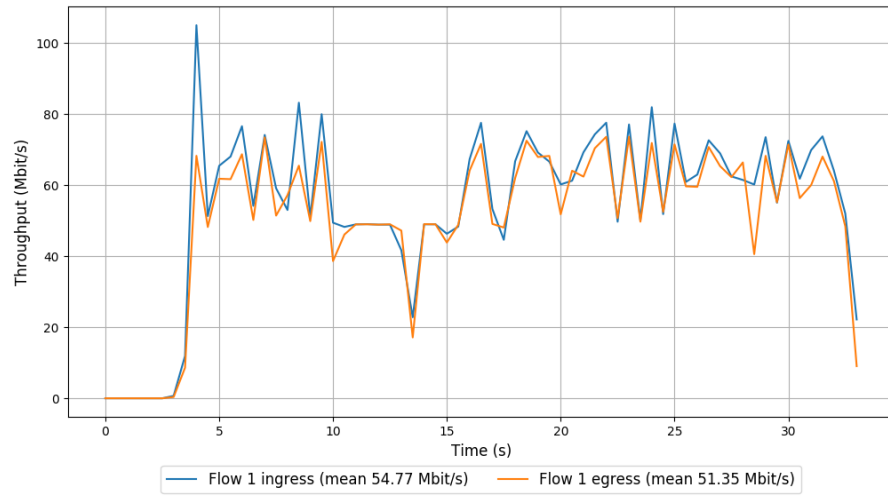
-- Flow 1:

Average throughput: 51.35 Mbit/s

95th percentile per-packet one-way delay: 67.568 ms

Loss rate: 6.57%

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



Run 8: Statistics of TCP BBR

Start at: Thu, 29 Jun 2017 23:57:31 +0000

End at: Thu, 29 Jun 2017 23:58:01 +0000

Local clock offset: 0.383 ms

Remote clock offset: -1.461 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:16:41 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 54.21 Mbit/s

95th percentile per-packet one-way delay: 65.921 ms

Loss rate: 6.38%

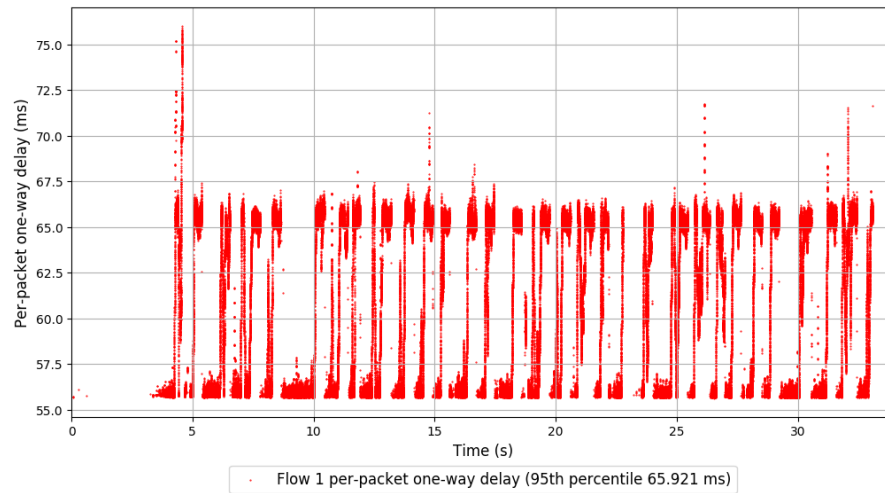
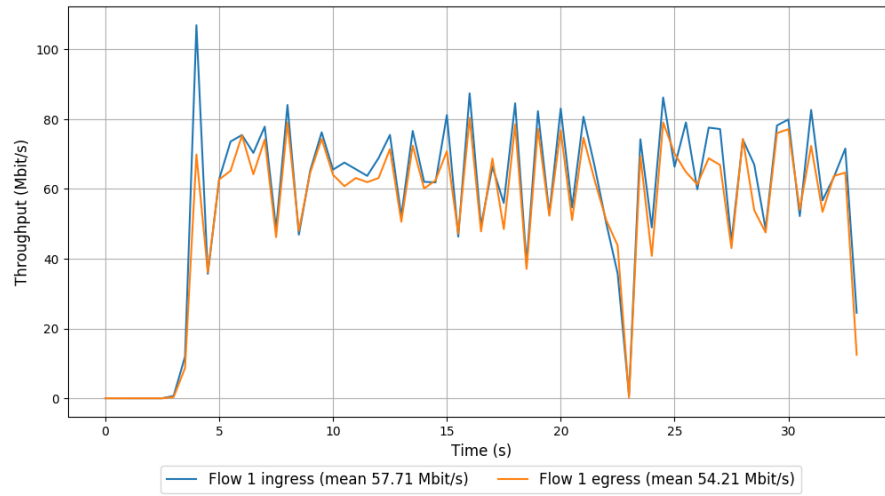
-- Flow 1:

Average throughput: 54.21 Mbit/s

95th percentile per-packet one-way delay: 65.921 ms

Loss rate: 6.38%

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



Run 9: Statistics of TCP BBR

Start at: Fri, 30 Jun 2017 00:14:53 +0000

End at: Fri, 30 Jun 2017 00:15:23 +0000

Local clock offset: 0.287 ms

Remote clock offset: -1.379 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:16:42 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 56.00 Mbit/s

95th percentile per-packet one-way delay: 66.560 ms

Loss rate: 6.09%

-- Flow 1:

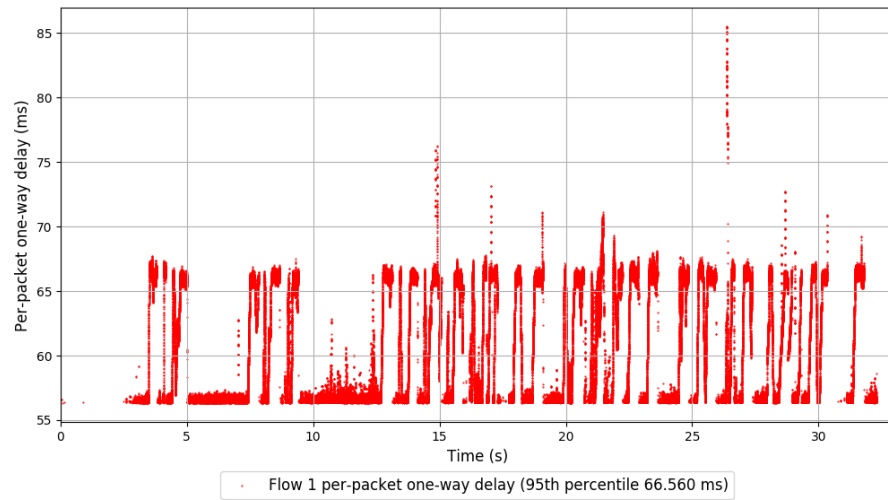
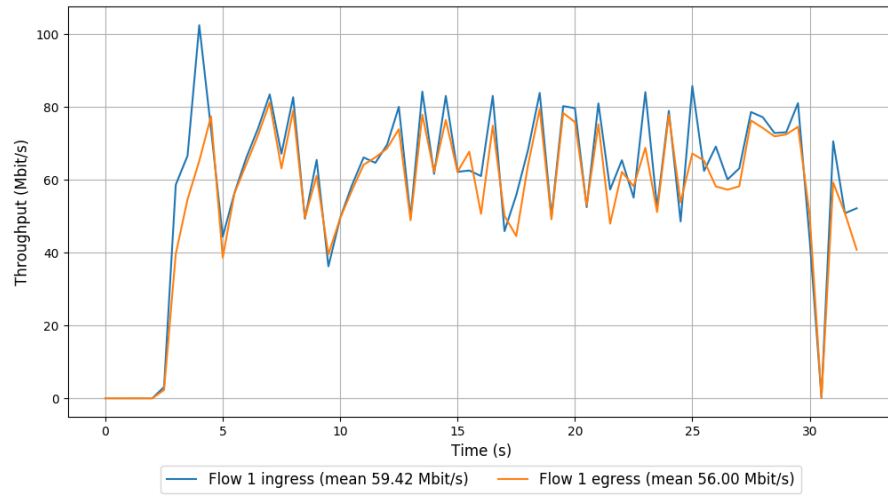
Average throughput: 56.00 Mbit/s

95th percentile per-packet one-way delay: 66.560 ms

Loss rate: 6.09%



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



Run 10: Statistics of TCP BBR

Start at: Fri, 30 Jun 2017 00:32:18 +0000

End at: Fri, 30 Jun 2017 00:32:48 +0000

Local clock offset: 0.336 ms

Remote clock offset: -1.948 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:16:46 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 39.80 Mbit/s

95th percentile per-packet one-way delay: 72.370 ms

Loss rate: 6.09%

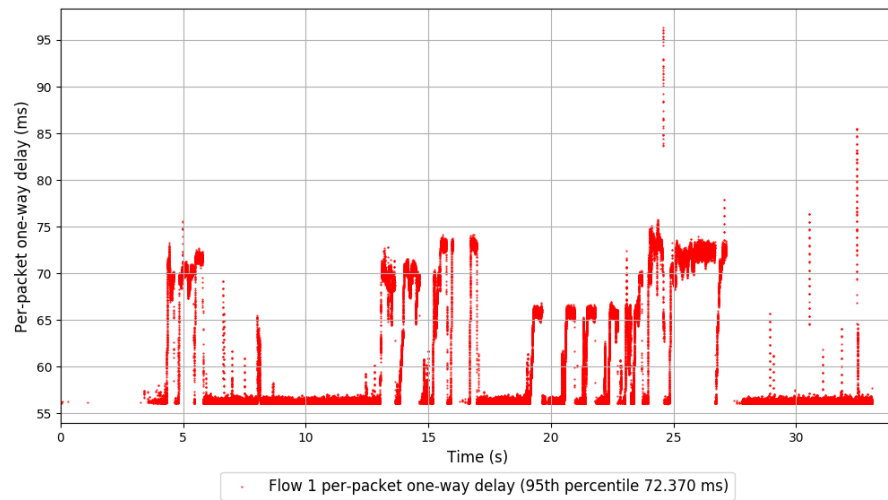
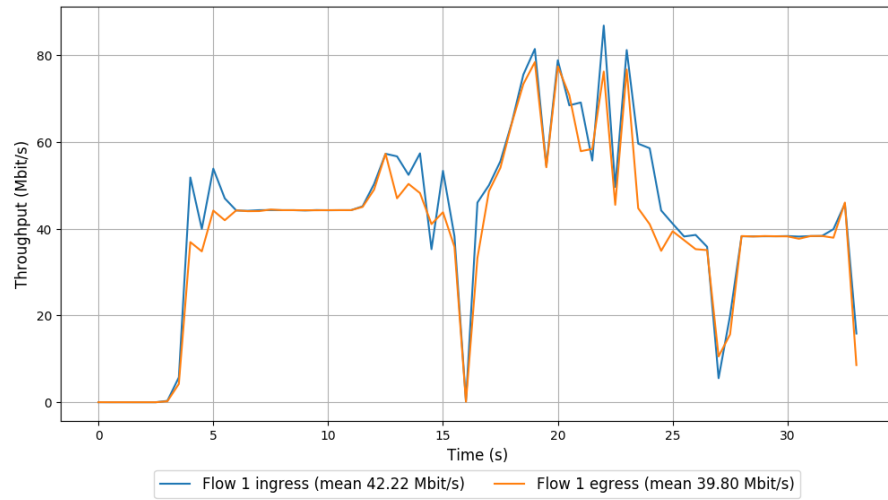
-- Flow 1:

Average throughput: 39.80 Mbit/s

95th percentile per-packet one-way delay: 72.370 ms

Loss rate: 6.09%

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



Run 1: Statistics of CalibratedKoho

Start at: Thu, 29 Jun 2017 22:03:56 +0000

End at: Thu, 29 Jun 2017 22:04:26 +0000

Local clock offset: 0.645 ms

Remote clock offset: -10.008 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:16:50 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 59.01 Mbit/s

95th percentile per-packet one-way delay: 58.371 ms

Loss rate: 3.20%

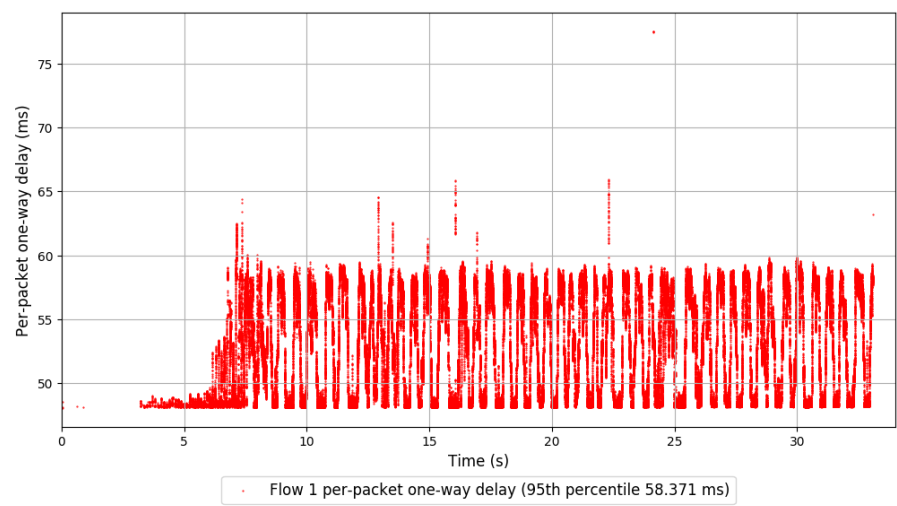
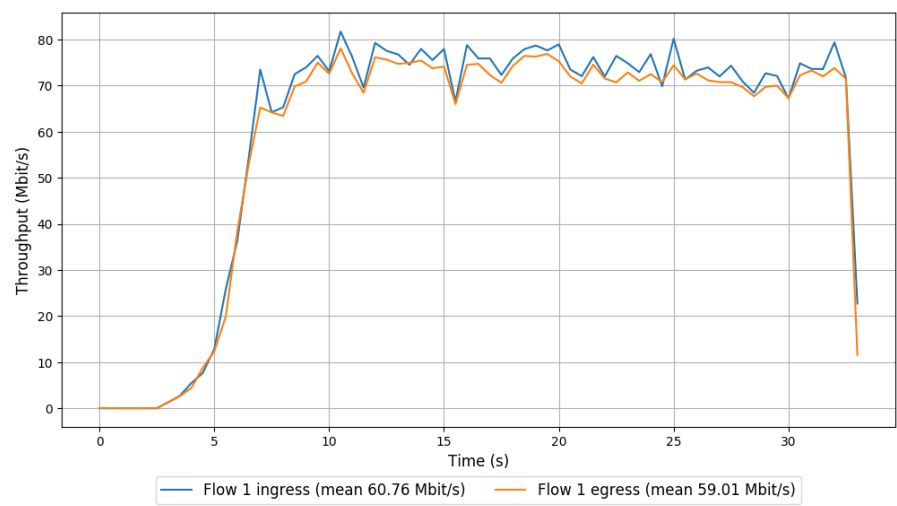
-- Flow 1:

Average throughput: 59.01 Mbit/s

95th percentile per-packet one-way delay: 58.371 ms

Loss rate: 3.20%

Run 1: Report of CalibratedKoho — Data Link



Run 2: Statistics of CalibratedKoho

Start at: Thu, 29 Jun 2017 22:21:25 +0000

End at: Thu, 29 Jun 2017 22:21:55 +0000

Local clock offset: 0.564 ms

Remote clock offset: -7.155 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:16:56 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 60.75 Mbit/s

95th percentile per-packet one-way delay: 60.677 ms

Loss rate: 3.66%

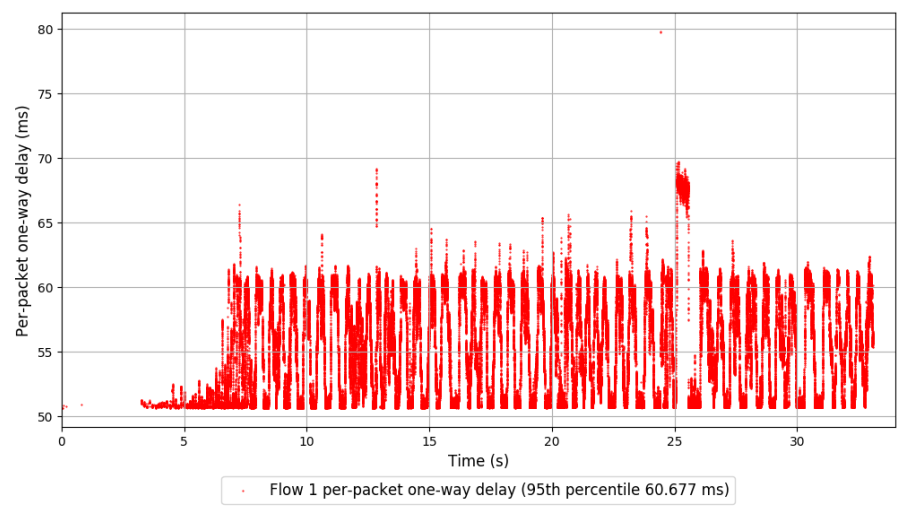
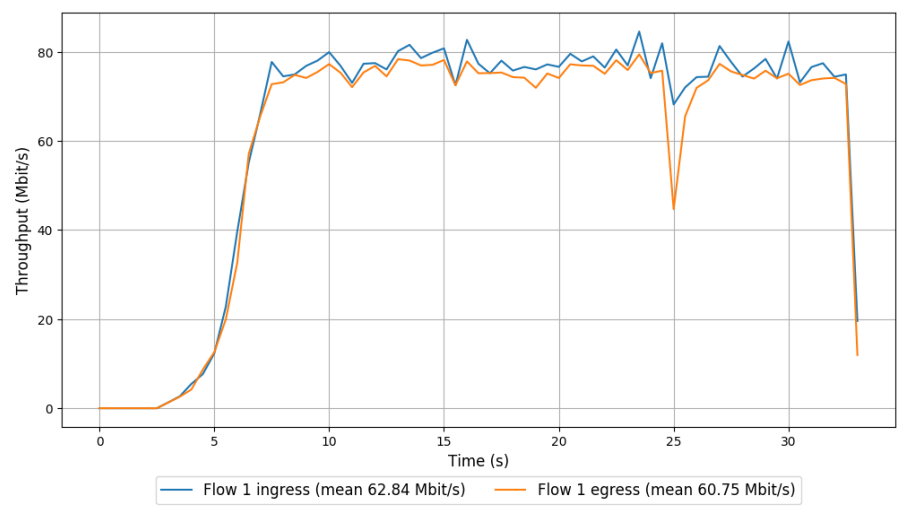
-- Flow 1:

Average throughput: 60.75 Mbit/s

95th percentile per-packet one-way delay: 60.677 ms

Loss rate: 3.66%

Run 2: Report of CalibratedKoho — Data Link



Run 3: Statistics of CalibratedKoho

Start at: Thu, 29 Jun 2017 22:38:51 +0000

End at: Thu, 29 Jun 2017 22:39:21 +0000

Local clock offset: 0.509 ms

Remote clock offset: -4.97 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:16:59 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 57.13 Mbit/s

95th percentile per-packet one-way delay: 63.135 ms

Loss rate: 2.87%

-- Flow 1:

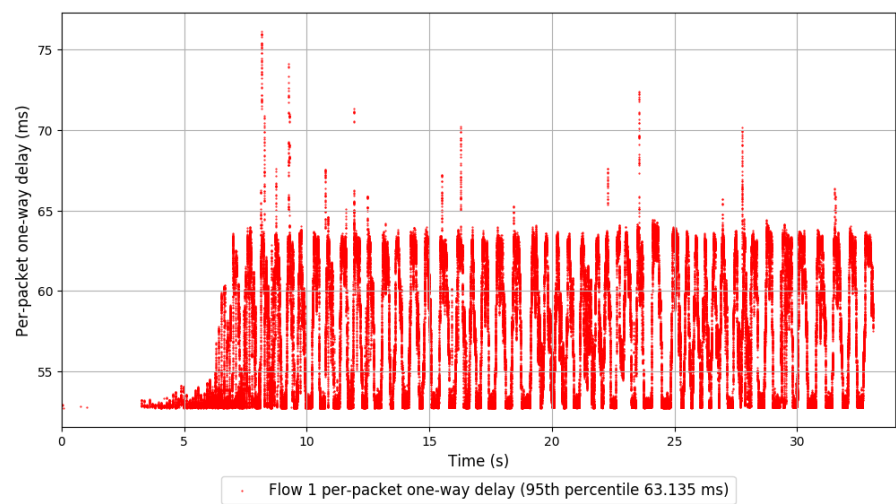
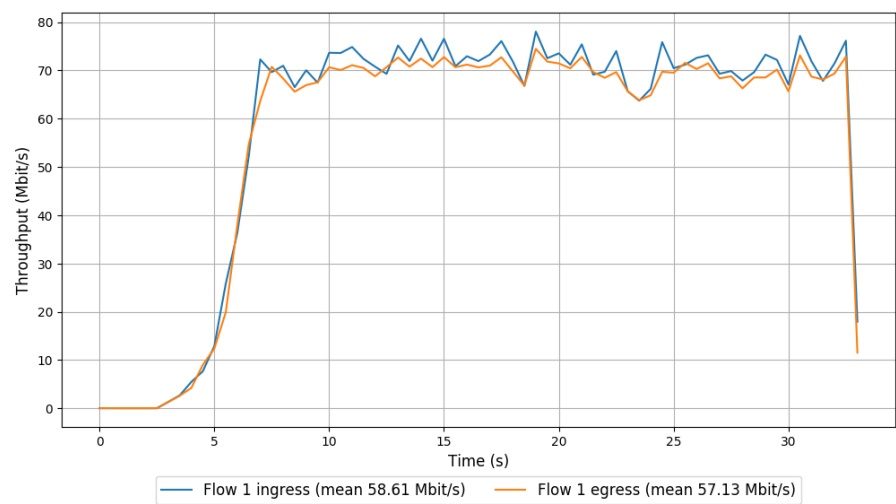
Average throughput: 57.13 Mbit/s

95th percentile per-packet one-way delay: 63.135 ms

Loss rate: 2.87%



Run 3: Report of CalibratedKoho — Data Link



Run 4: Statistics of CalibratedKoho

Start at: Thu, 29 Jun 2017 22:56:08 +0000

End at: Thu, 29 Jun 2017 22:56:38 +0000

Local clock offset: 0.52 ms

Remote clock offset: -3.664 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:17:05 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 58.27 Mbit/s

95th percentile per-packet one-way delay: 64.330 ms

Loss rate: 3.02%

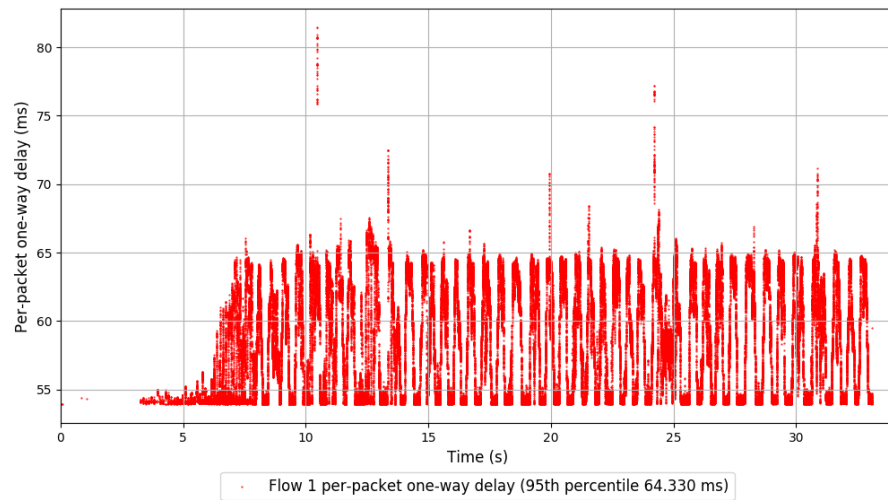
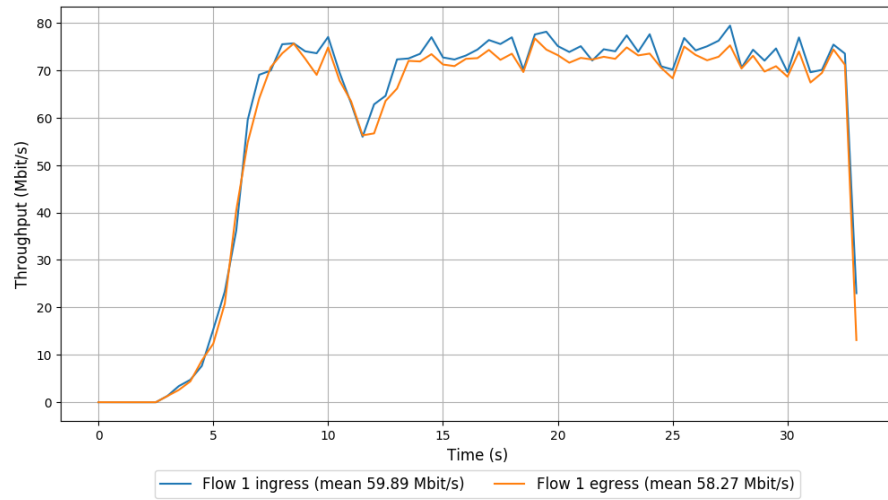
-- Flow 1:

Average throughput: 58.27 Mbit/s

95th percentile per-packet one-way delay: 64.330 ms

Loss rate: 3.02%

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



Run 5: Statistics of CalibratedKoho

Start at: Thu, 29 Jun 2017 23:13:32 +0000

End at: Thu, 29 Jun 2017 23:14:02 +0000

Local clock offset: 0.484 ms

Remote clock offset: -2.717 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:17:09 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 61.47 Mbit/s

95th percentile per-packet one-way delay: 65.088 ms

Loss rate: 3.31%

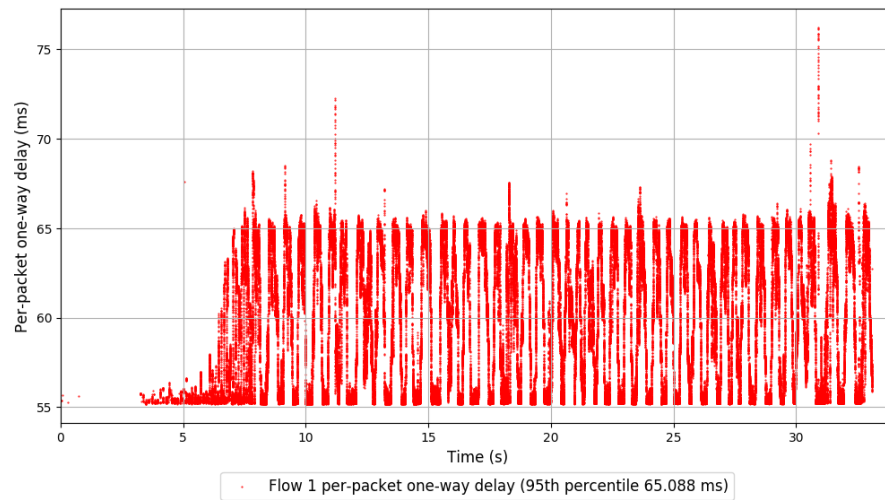
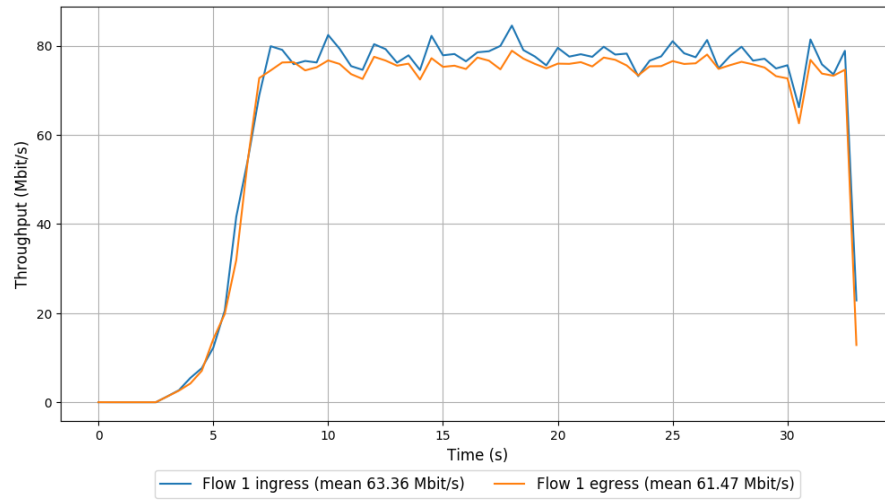
-- Flow 1:

Average throughput: 61.47 Mbit/s

95th percentile per-packet one-way delay: 65.088 ms

Loss rate: 3.31%

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



Run 6: Statistics of CalibratedKoho

Start at: Thu, 29 Jun 2017 23:30:57 +0000

End at: Thu, 29 Jun 2017 23:31:27 +0000

Local clock offset: 0.415 ms

Remote clock offset: -1.144 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:17:14 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 55.38 Mbit/s

95th percentile per-packet one-way delay: 66.210 ms

Loss rate: 8.41%

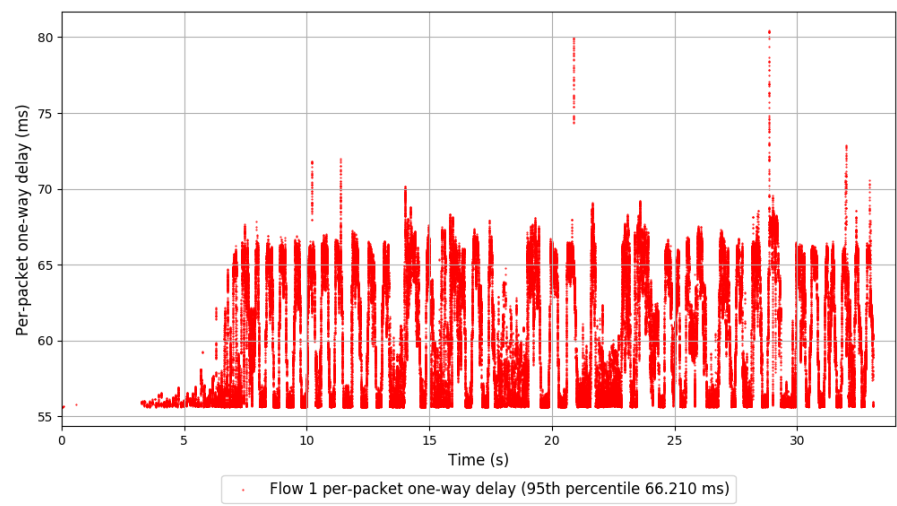
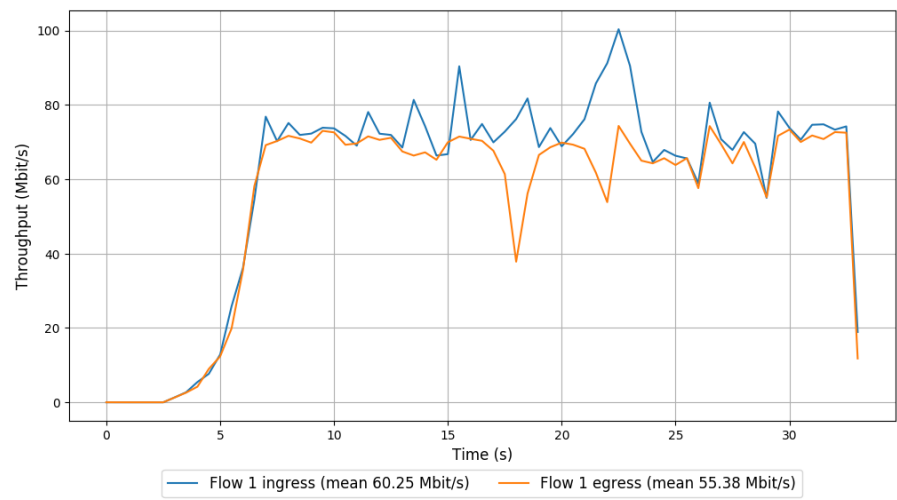
-- Flow 1:

Average throughput: 55.38 Mbit/s

95th percentile per-packet one-way delay: 66.210 ms

Loss rate: 8.41%

Run 6: Report of CalibratedKoho — Data Link



Run 7: Statistics of CalibratedKoho

Start at: Thu, 29 Jun 2017 23:48:12 +0000

End at: Thu, 29 Jun 2017 23:48:42 +0000

Local clock offset: 0.425 ms

Remote clock offset: -0.895 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:17:19 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 61.22 Mbit/s

95th percentile per-packet one-way delay: 67.250 ms

Loss rate: 3.04%

-- Flow 1:

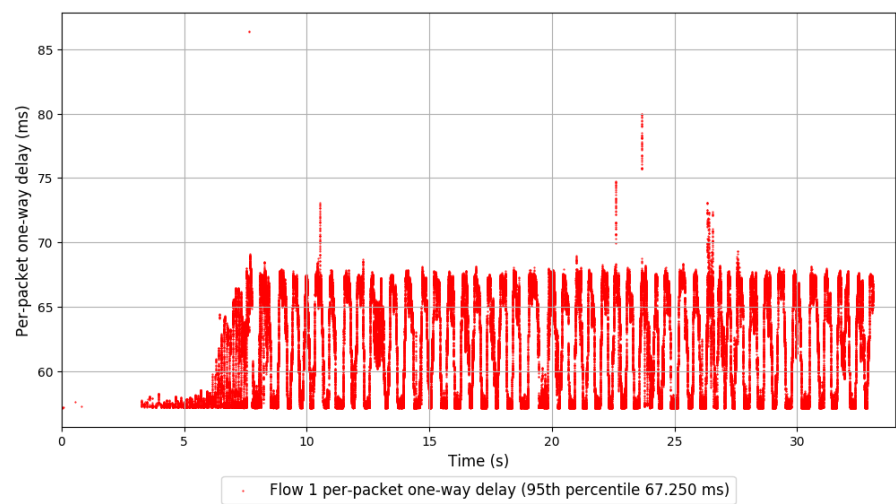
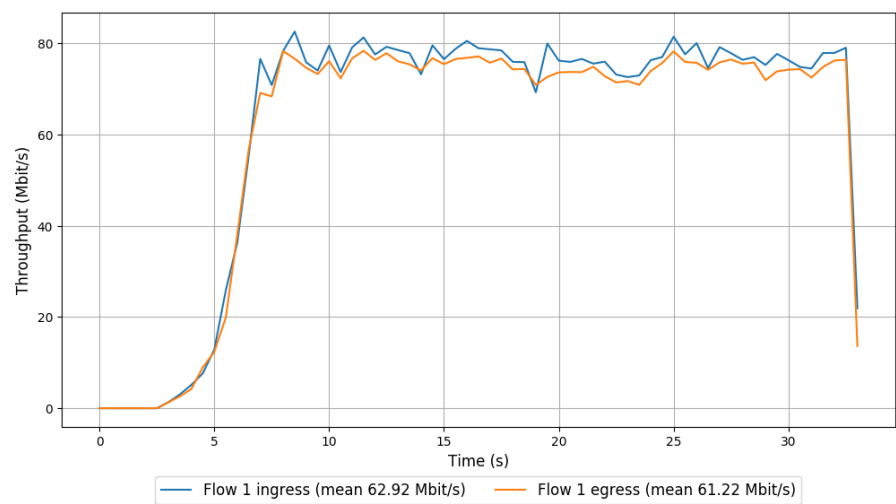
Average throughput: 61.22 Mbit/s

95th percentile per-packet one-way delay: 67.250 ms

Loss rate: 3.04%



Run 7: Report of CalibratedKoho — Data Link



Run 8: Statistics of CalibratedKoho

Start at: Fri, 30 Jun 2017 00:05:39 +0000

End at: Fri, 30 Jun 2017 00:06:09 +0000

Local clock offset: 0.413 ms

Remote clock offset: -1.389 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:17:22 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 58.46 Mbit/s

95th percentile per-packet one-way delay: 66.443 ms

Loss rate: 3.57%

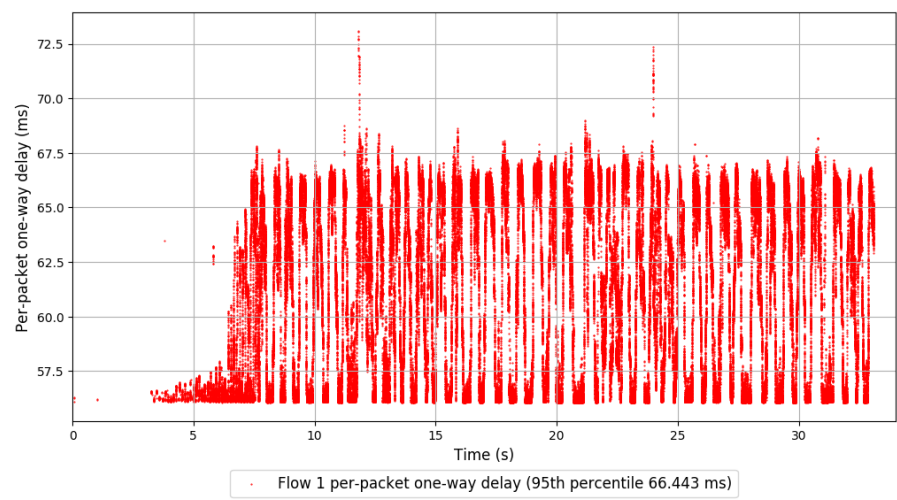
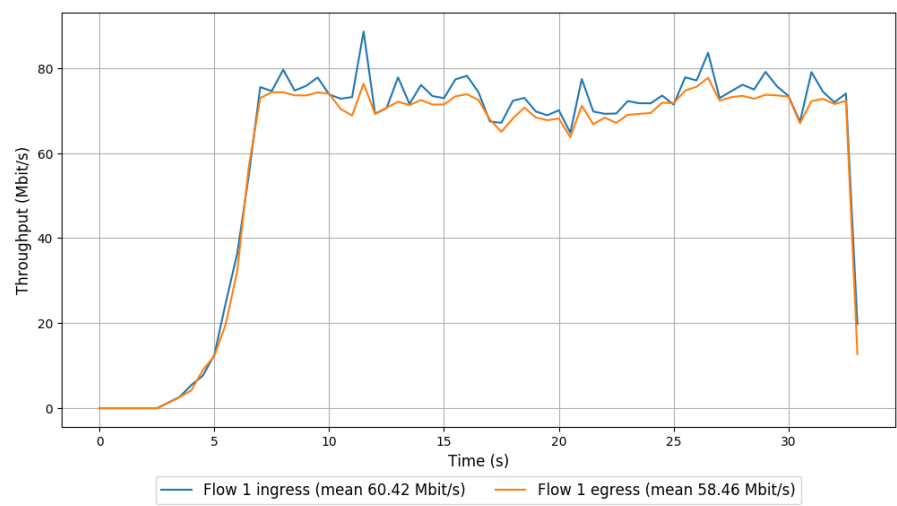
-- Flow 1:

Average throughput: 58.46 Mbit/s

95th percentile per-packet one-way delay: 66.443 ms

Loss rate: 3.57%

Run 8: Report of CalibratedKoho — Data Link



Run 9: Statistics of CalibratedKoho

Start at: Fri, 30 Jun 2017 00:23:03 +0000

End at: Fri, 30 Jun 2017 00:23:33 +0000

Local clock offset: 0.338 ms

Remote clock offset: -1.513 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:17:27 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 57.40 Mbit/s

95th percentile per-packet one-way delay: 66.798 ms

Loss rate: 7.58%

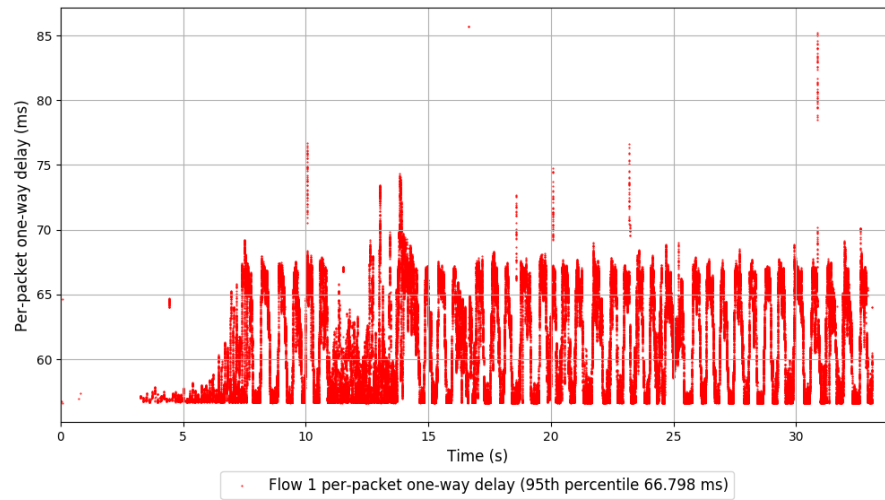
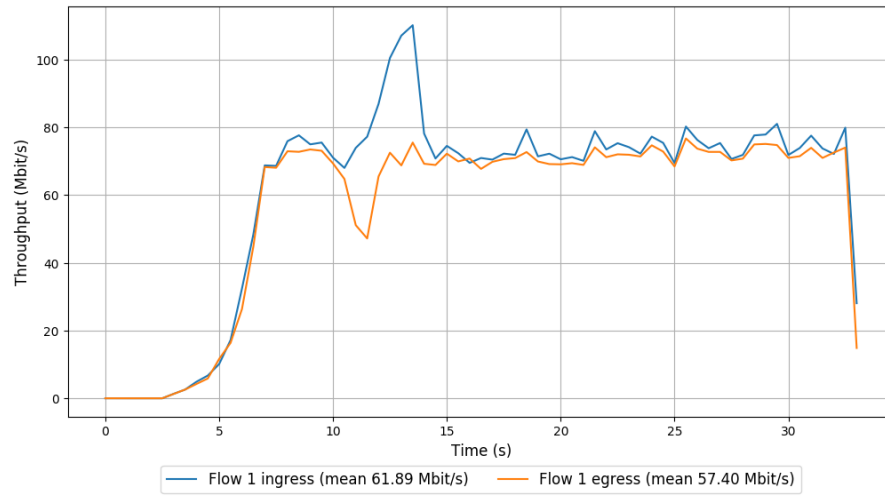
-- Flow 1:

Average throughput: 57.40 Mbit/s

95th percentile per-packet one-way delay: 66.798 ms

Loss rate: 7.58%

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



Run 10: Statistics of CalibratedKoho

Start at: Fri, 30 Jun 2017 00:40:42 +0000

End at: Fri, 30 Jun 2017 00:41:12 +0000

Local clock offset: 0.308 ms

Remote clock offset: -2.517 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:17:31 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 59.29 Mbit/s

95th percentile per-packet one-way delay: 65.521 ms

Loss rate: 4.54%

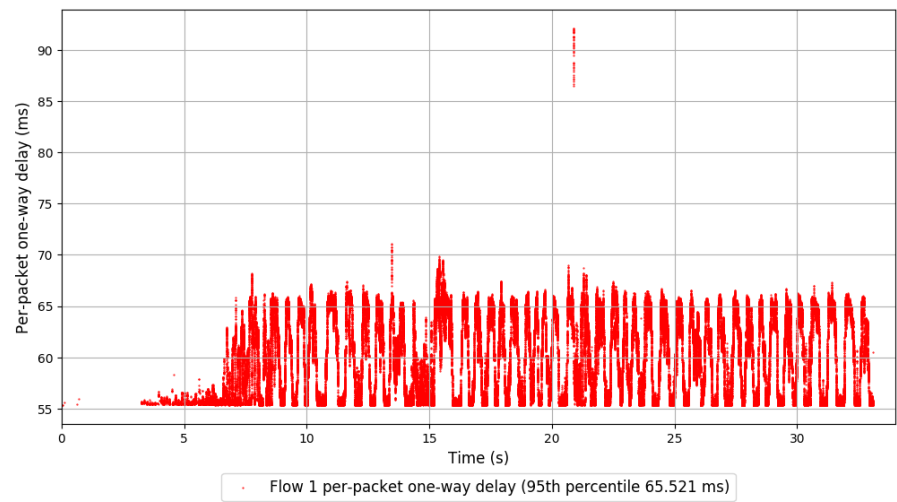
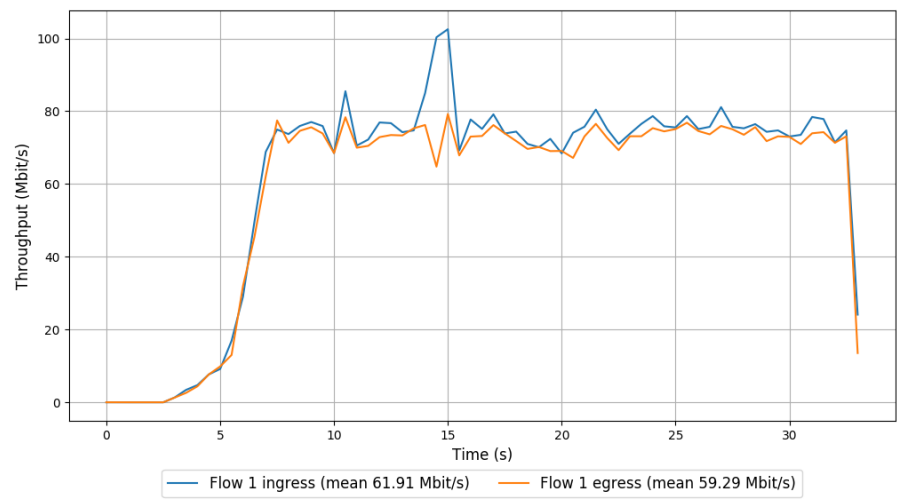
-- Flow 1:

Average throughput: 59.29 Mbit/s

95th percentile per-packet one-way delay: 65.521 ms

Loss rate: 4.54%

Run 10: Report of CalibratedKoho — Data Link



Run 1: Statistics of Copa

Start at: Thu, 29 Jun 2017 21:56:53 +0000

End at: Thu, 29 Jun 2017 21:57:23 +0000

Local clock offset: 0.628 ms

Remote clock offset: -10.486 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:17:38 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 34.01 Mbit/s

95th percentile per-packet one-way delay: 60.928 ms

Loss rate: 16.15%

-- Flow 1:

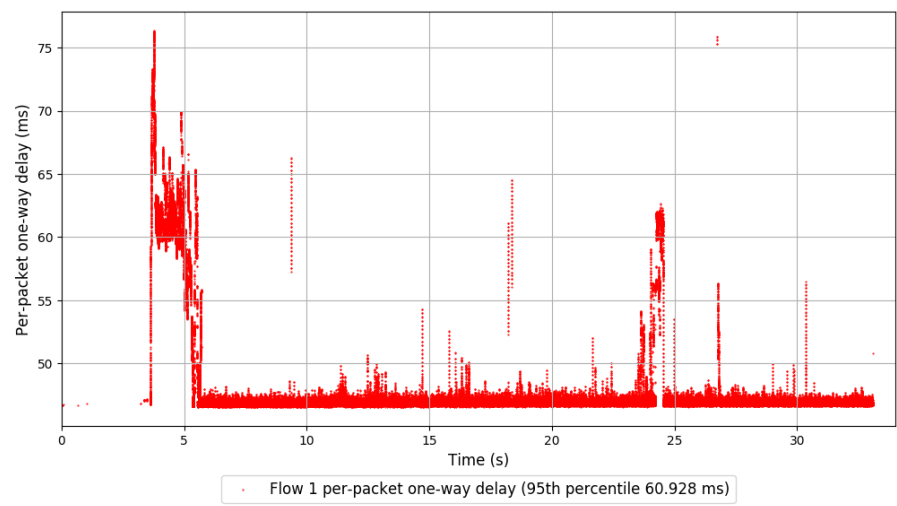
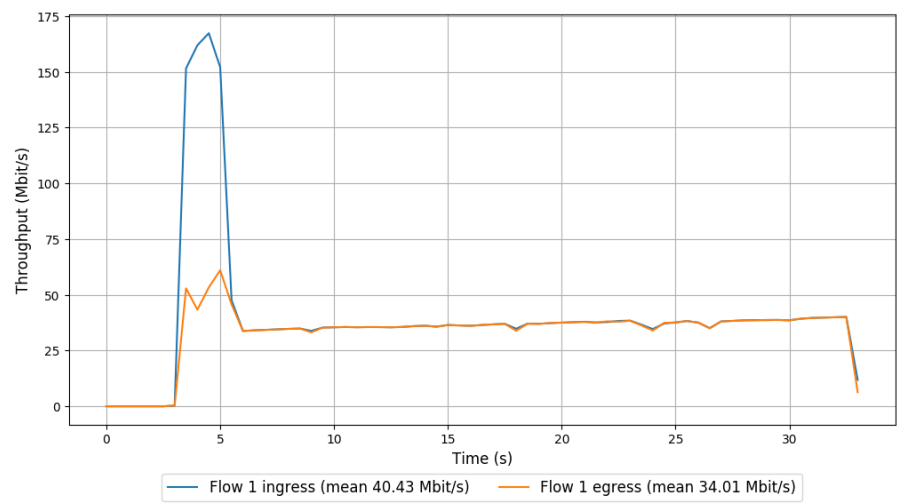
Average throughput: 34.01 Mbit/s

95th percentile per-packet one-way delay: 60.928 ms

Loss rate: 16.15%



Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: Thu, 29 Jun 2017 22:14:28 +0000

End at: Thu, 29 Jun 2017 22:14:58 +0000

Local clock offset: 0.649 ms

Remote clock offset: -8.26 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:17:41 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 40.42 Mbit/s

95th percentile per-packet one-way delay: 64.012 ms

Loss rate: 30.37%

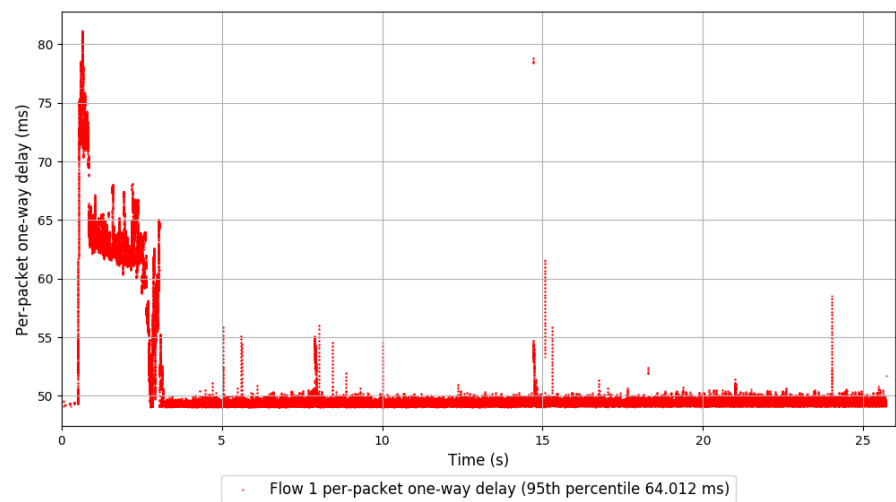
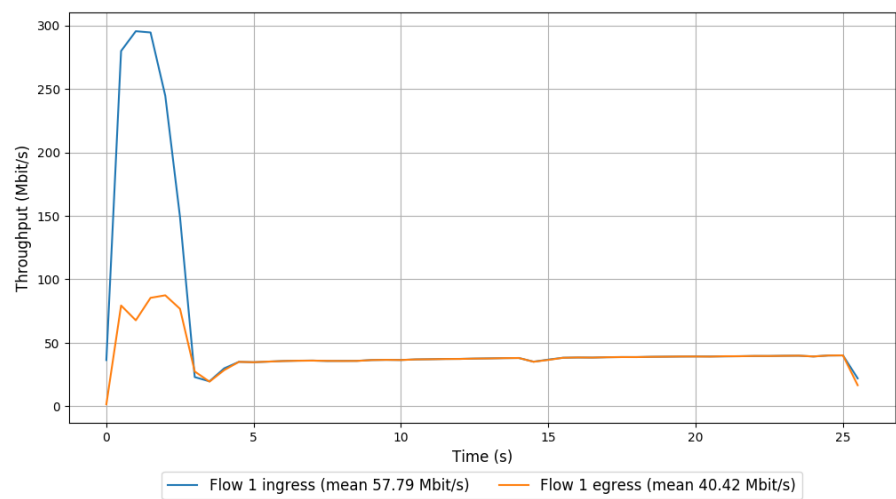
-- Flow 1:

Average throughput: 40.42 Mbit/s

95th percentile per-packet one-way delay: 64.012 ms

Loss rate: 30.37%

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

Start at: Thu, 29 Jun 2017 22:31:52 +0000

End at: Thu, 29 Jun 2017 22:32:22 +0000

Local clock offset: 0.555 ms

Remote clock offset: -5.77 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:17:51 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 44.22 Mbit/s

95th percentile per-packet one-way delay: 52.514 ms

Loss rate: 0.52%

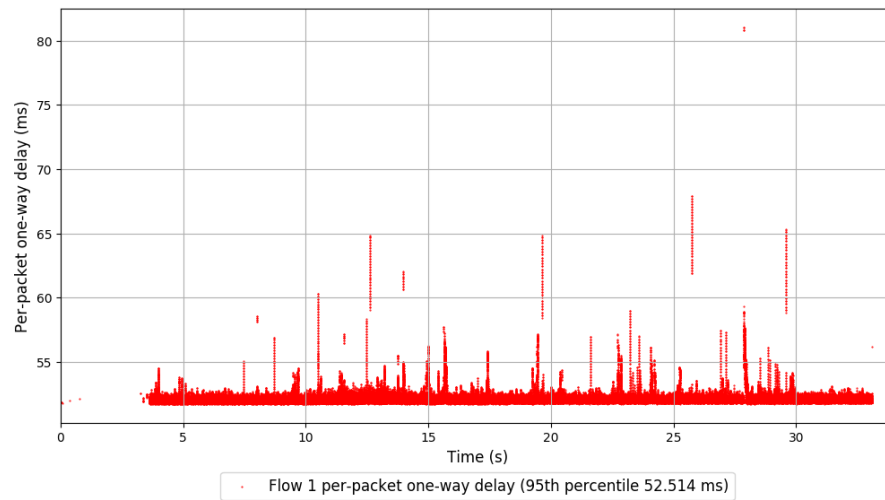
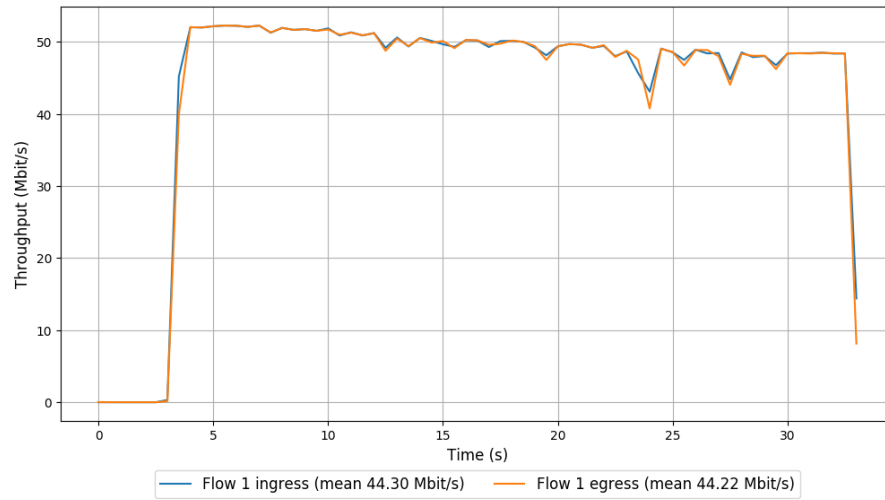
-- Flow 1:

Average throughput: 44.22 Mbit/s

95th percentile per-packet one-way delay: 52.514 ms

Loss rate: 0.52%

### Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: Thu, 29 Jun 2017 22:49:16 +0000

End at: Thu, 29 Jun 2017 22:49:46 +0000

Local clock offset: 0.582 ms

Remote clock offset: -4.395 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:17:52 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 39.28 Mbit/s

95th percentile per-packet one-way delay: 54.233 ms

Loss rate: 0.54%

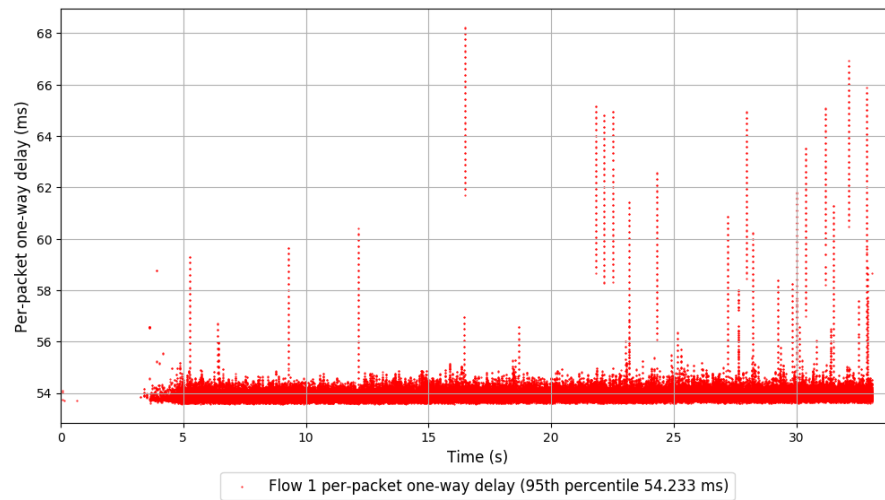
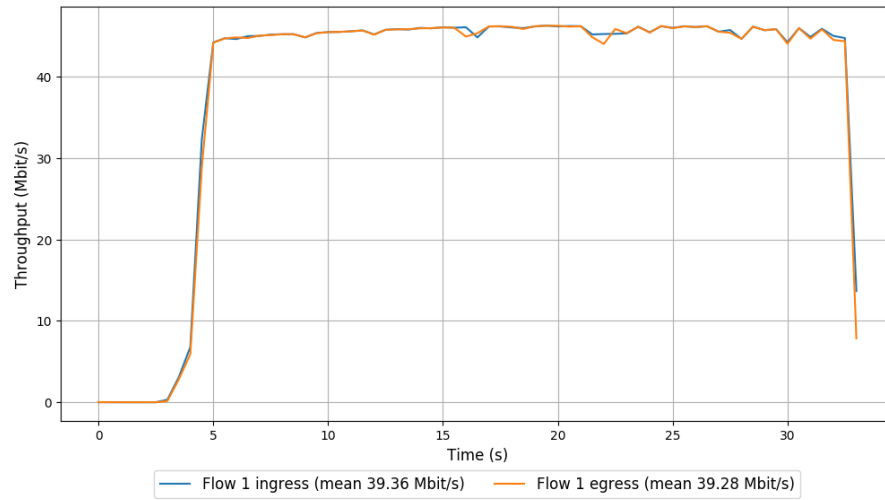
-- Flow 1:

Average throughput: 39.28 Mbit/s

95th percentile per-packet one-way delay: 54.233 ms

Loss rate: 0.54%

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



Run 5: Statistics of Copa

Start at: Thu, 29 Jun 2017 23:06:35 +0000

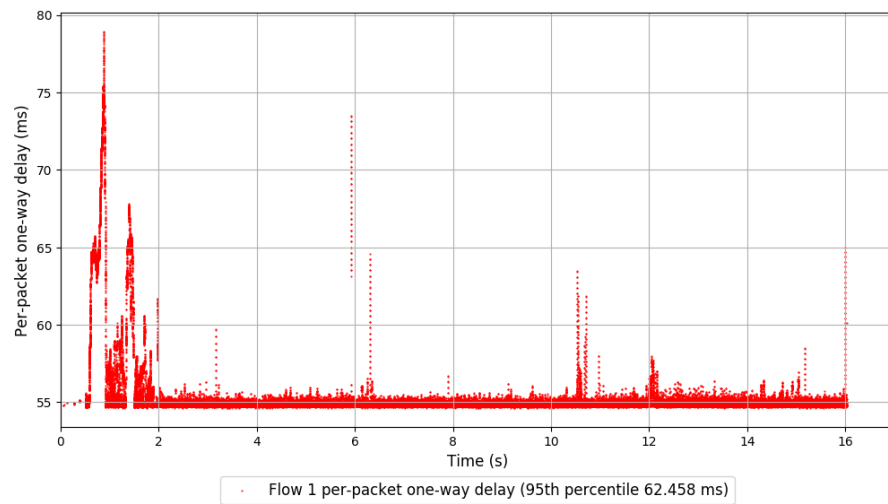
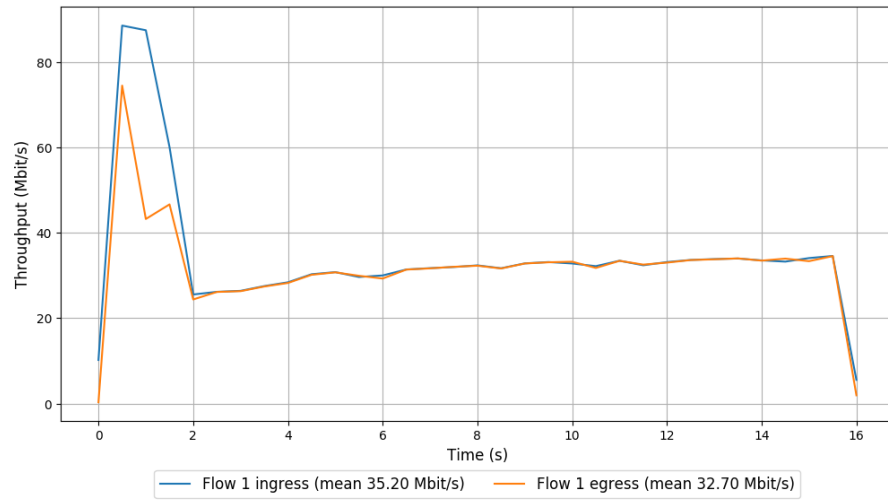
End at: Thu, 29 Jun 2017 23:07:05 +0000

Local clock offset: 0.478 ms

Remote clock offset: -2.906 ms



### Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: Thu, 29 Jun 2017 23:23:59 +0000

End at: Thu, 29 Jun 2017 23:24:29 +0000

Local clock offset: 0.422 ms

Remote clock offset: -2.383 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:18:01 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 34.83 Mbit/s

95th percentile per-packet one-way delay: 65.188 ms

Loss rate: 1.77%

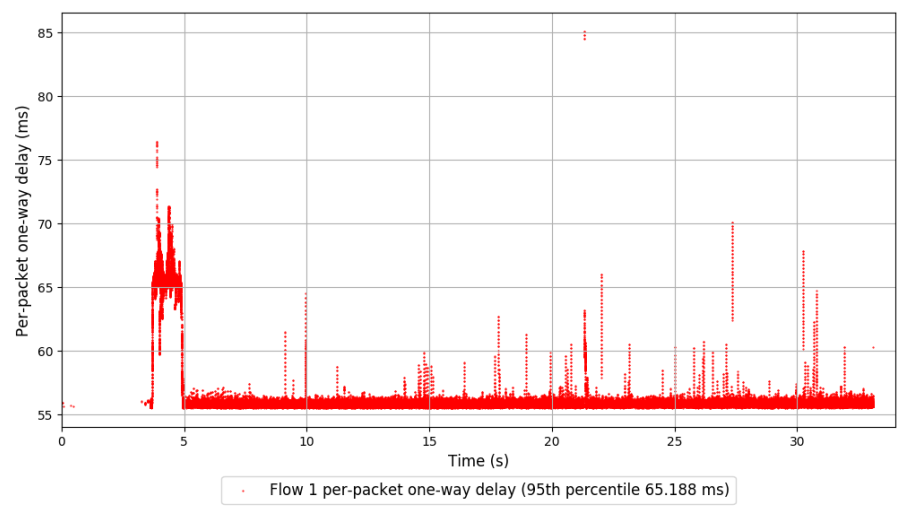
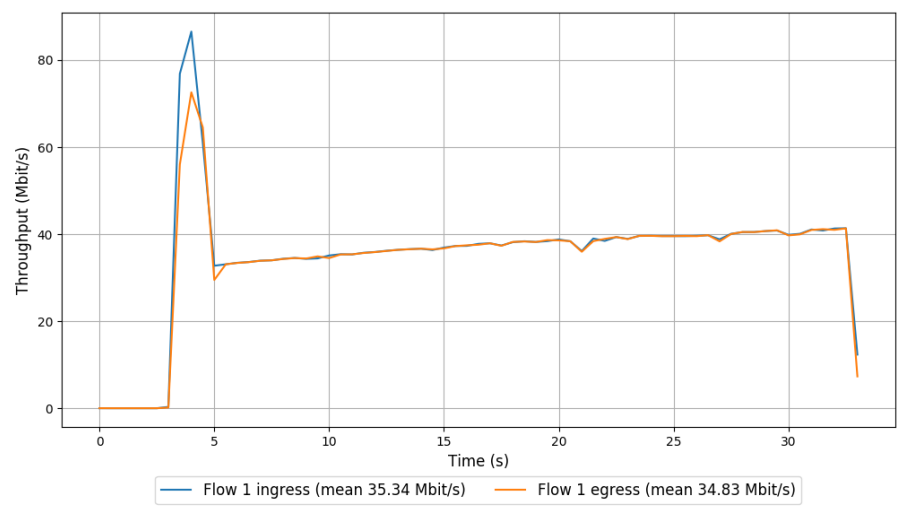
-- Flow 1:

Average throughput: 34.83 Mbit/s

95th percentile per-packet one-way delay: 65.188 ms

Loss rate: 1.77%

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

Start at: Thu, 29 Jun 2017 23:41:25 +0000

End at: Thu, 29 Jun 2017 23:41:55 +0000

Local clock offset: 0.364 ms

Remote clock offset: -0.735 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:18:06 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 49.94 Mbit/s

95th percentile per-packet one-way delay: 57.983 ms

Loss rate: 3.91%

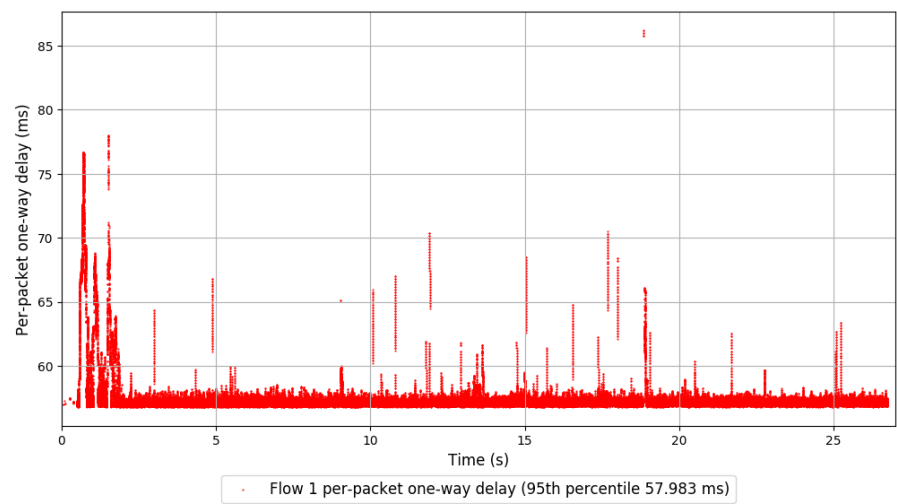
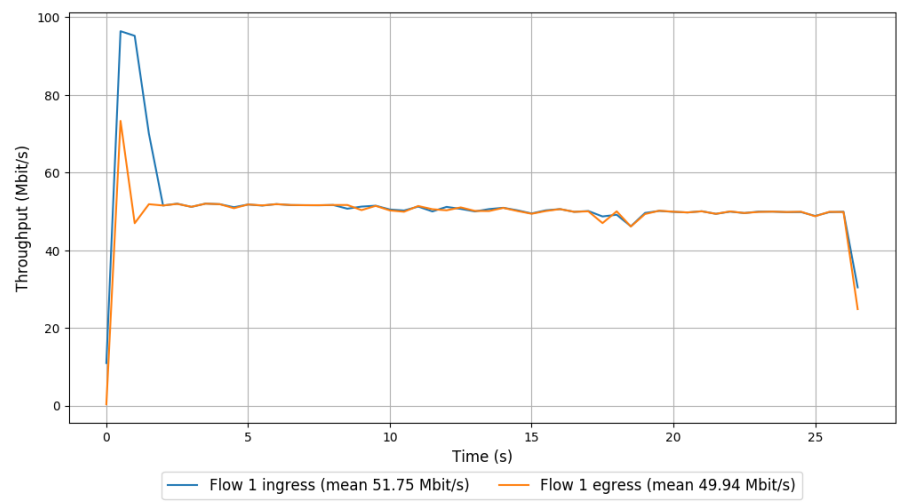
-- Flow 1:

Average throughput: 49.94 Mbit/s

95th percentile per-packet one-way delay: 57.983 ms

Loss rate: 3.91%

Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

Start at: Thu, 29 Jun 2017 23:58:43 +0000

End at: Thu, 29 Jun 2017 23:59:13 +0000

Local clock offset: 0.392 ms

Remote clock offset: -1.462 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:18:14 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 48.08 Mbit/s

95th percentile per-packet one-way delay: 56.970 ms

Loss rate: 0.56%

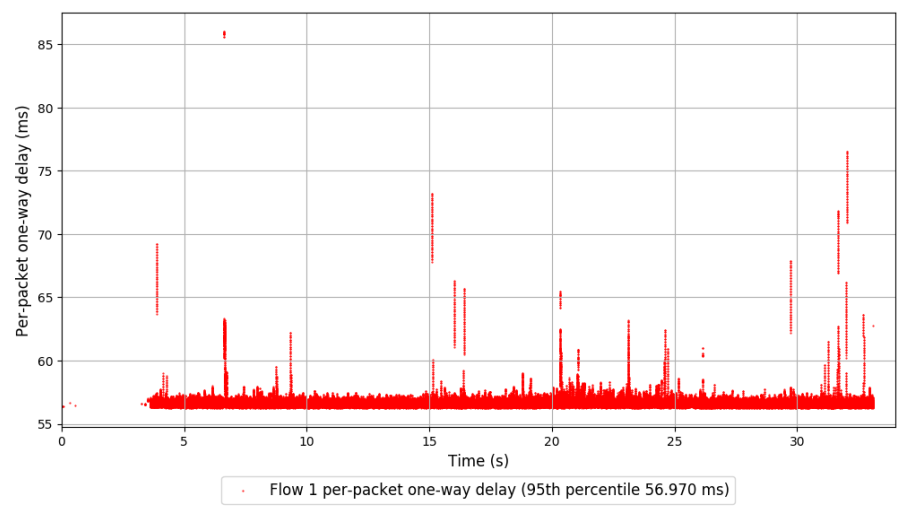
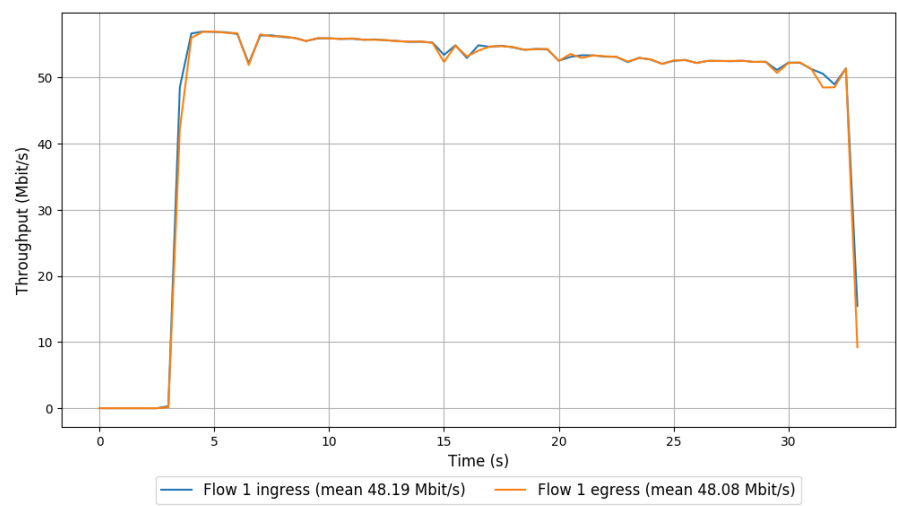
-- Flow 1:

Average throughput: 48.08 Mbit/s

95th percentile per-packet one-way delay: 56.970 ms

Loss rate: 0.56%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: Fri, 30 Jun 2017 00:16:05 +0000

End at: Fri, 30 Jun 2017 00:16:35 +0000

Local clock offset: 0.315 ms

Remote clock offset: -1.11 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:18:19 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 57.20 Mbit/s

95th percentile per-packet one-way delay: 56.806 ms

Loss rate: 0.53%

-- Flow 1:

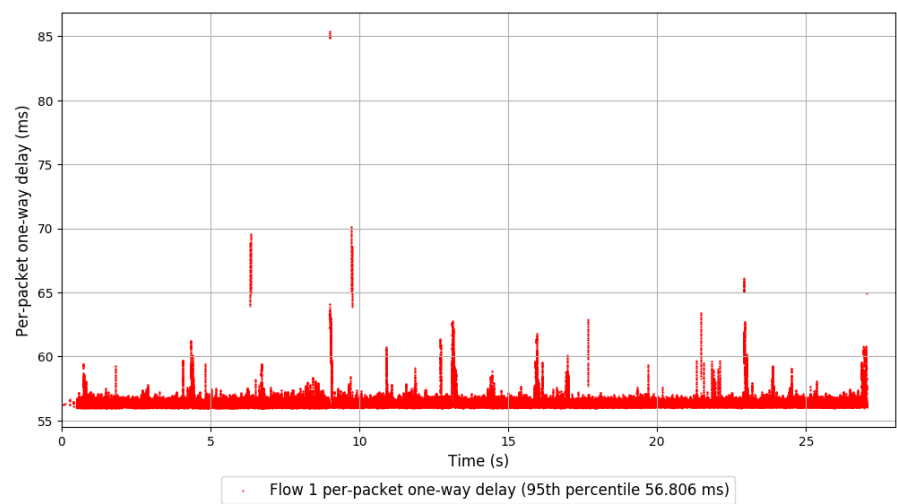
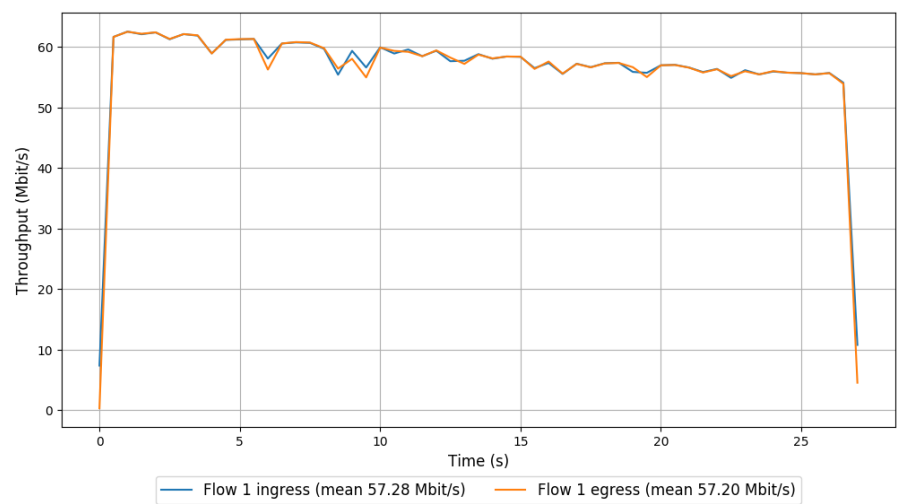
Average throughput: 57.20 Mbit/s

95th percentile per-packet one-way delay: 56.806 ms

Loss rate: 0.53%



Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: Fri, 30 Jun 2017 00:33:30 +0000

End at: Fri, 30 Jun 2017 00:34:00 +0000

Local clock offset: 0.258 ms

Remote clock offset: -2.51 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:18:26 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 42.42 Mbit/s

95th percentile per-packet one-way delay: 60.517 ms

Loss rate: 1.76%

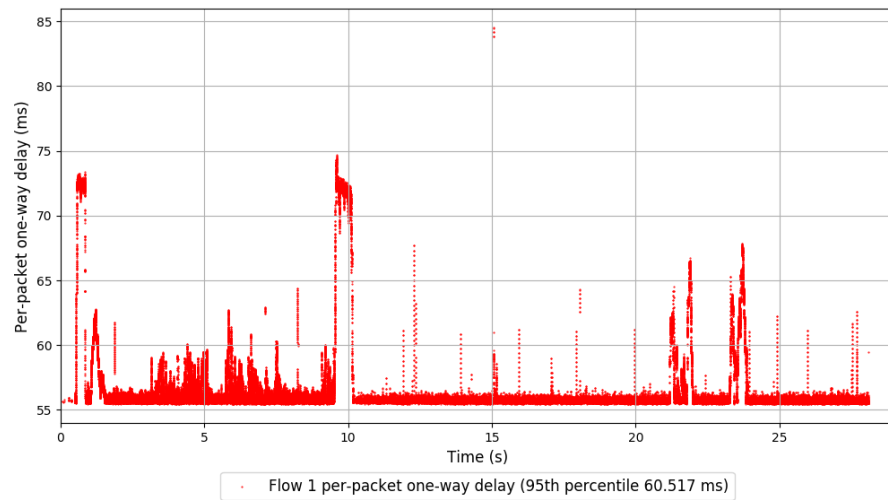
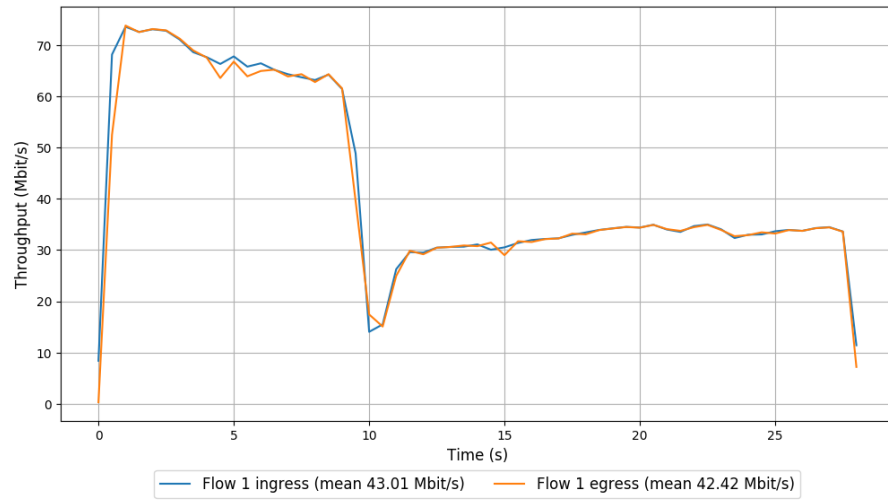
-- Flow 1:

Average throughput: 42.42 Mbit/s

95th percentile per-packet one-way delay: 60.517 ms

Loss rate: 1.76%

# Run 10: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

Start at: Thu, 29 Jun 2017 21:54:33 +0000

End at: Thu, 29 Jun 2017 21:55:03 +0000

Local clock offset: 0.671 ms

Remote clock offset: -10.904 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:18:26 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 32.92 Mbit/s

95th percentile per-packet one-way delay: 47.574 ms

Loss rate: 1.11%

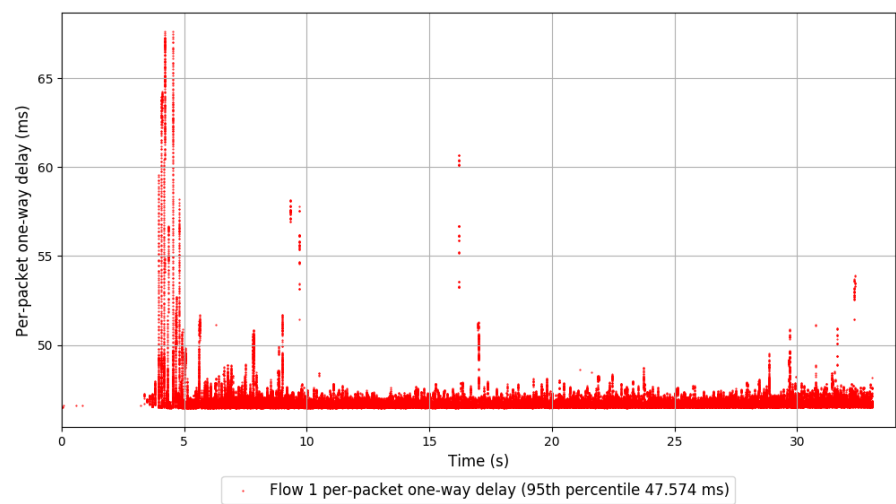
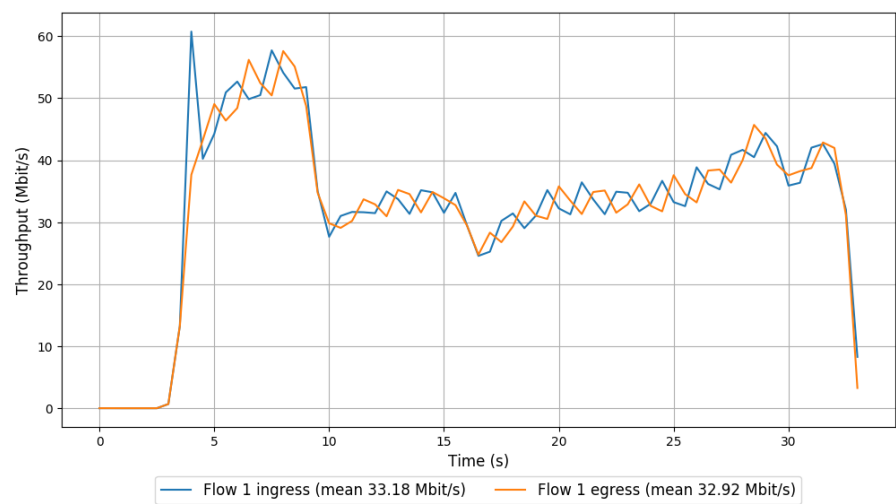
-- Flow 1:

Average throughput: 32.92 Mbit/s

95th percentile per-packet one-way delay: 47.574 ms

Loss rate: 1.11%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: Thu, 29 Jun 2017 22:12:07 +0000

End at: Thu, 29 Jun 2017 22:12:37 +0000

Local clock offset: 0.614 ms

Remote clock offset: -8.633 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:18:31 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 40.31 Mbit/s

95th percentile per-packet one-way delay: 51.095 ms

Loss rate: 0.93%

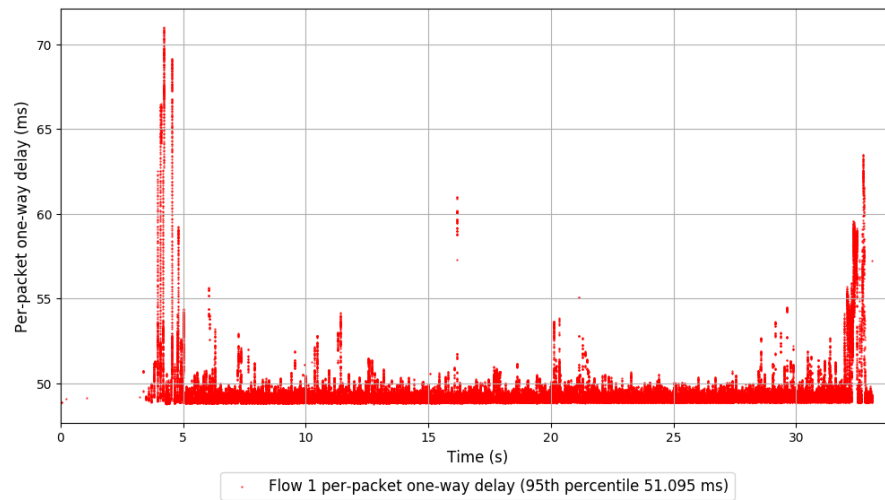
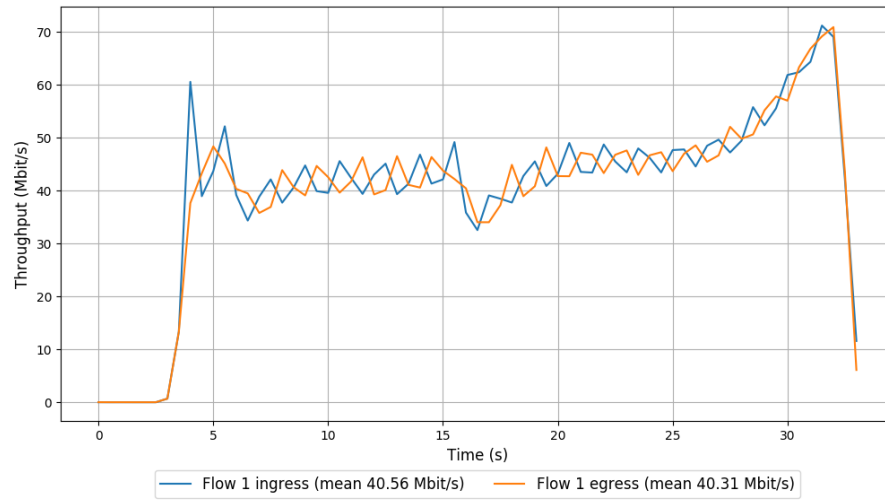
-- Flow 1:

Average throughput: 40.31 Mbit/s

95th percentile per-packet one-way delay: 51.095 ms

Loss rate: 0.93%

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



Run 3: Statistics of TCP Cubic

Start at: Thu, 29 Jun 2017 22:29:32 +0000

End at: Thu, 29 Jun 2017 22:30:02 +0000

Local clock offset: 0.603 ms

Remote clock offset: -6.32 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:18:32 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 29.03 Mbit/s

95th percentile per-packet one-way delay: 52.823 ms

Loss rate: 1.45%

-- Flow 1:

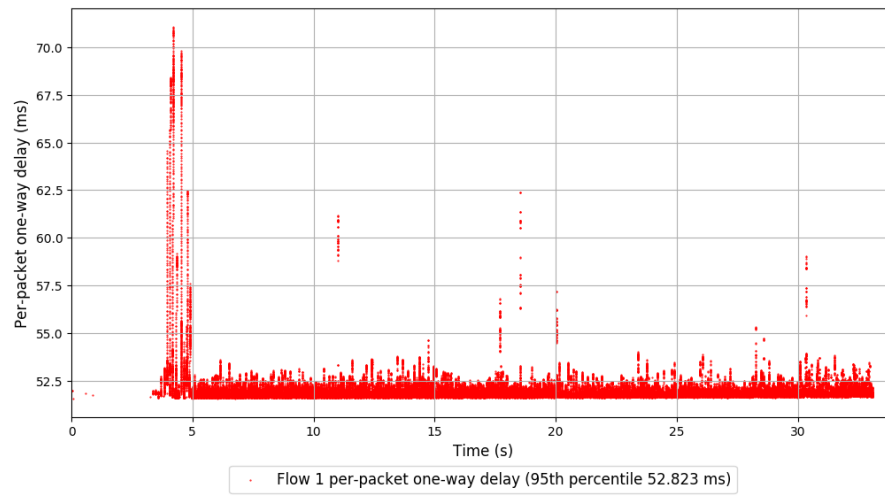
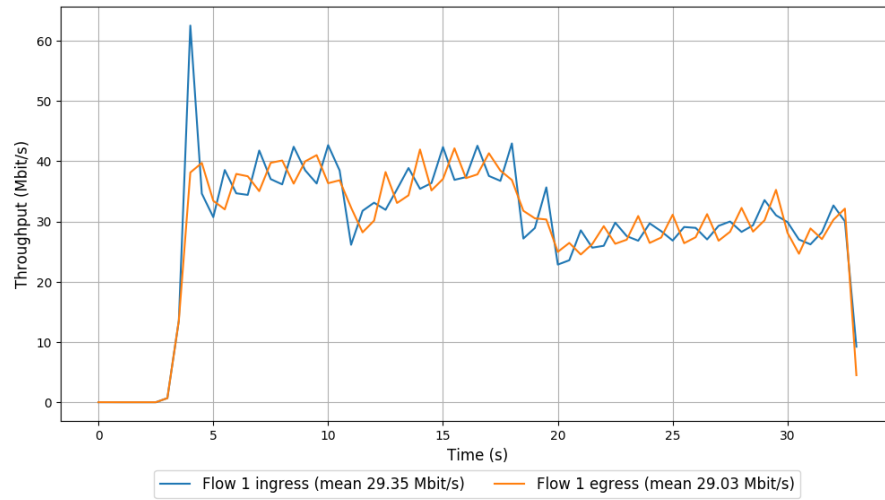
Average throughput: 29.03 Mbit/s

95th percentile per-packet one-way delay: 52.823 ms

Loss rate: 1.45%



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



Run 4: Statistics of TCP Cubic

Start at: Thu, 29 Jun 2017 22:46:56 +0000

End at: Thu, 29 Jun 2017 22:47:26 +0000

Local clock offset: 0.603 ms

Remote clock offset: -4.282 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:18:37 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 36.60 Mbit/s

95th percentile per-packet one-way delay: 53.564 ms

Loss rate: 0.54%

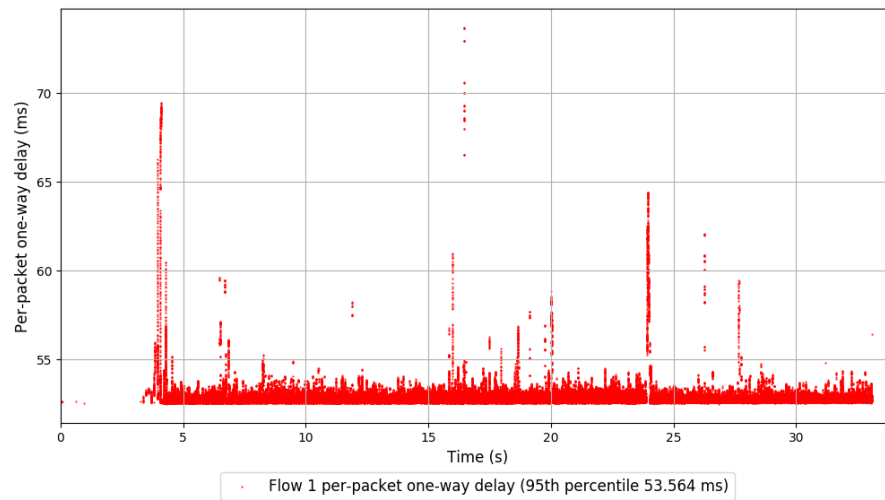
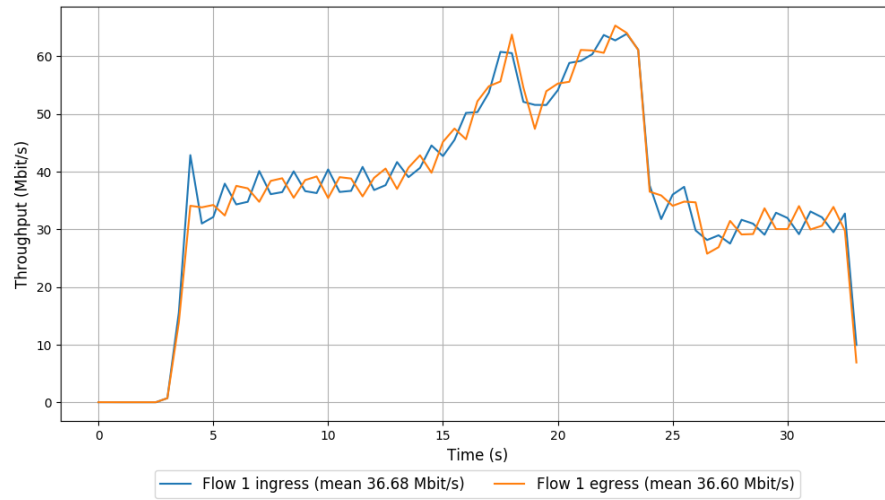
-- Flow 1:

Average throughput: 36.60 Mbit/s

95th percentile per-packet one-way delay: 53.564 ms

Loss rate: 0.54%

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



Run 5: Statistics of TCP Cubic

Start at: Thu, 29 Jun 2017 23:04:21 +0000

End at: Thu, 29 Jun 2017 23:04:51 +0000

Local clock offset: 0.472 ms

Remote clock offset: -3.083 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:18:37 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 23.25 Mbit/s

95th percentile per-packet one-way delay: 56.091 ms

Loss rate: 0.64%

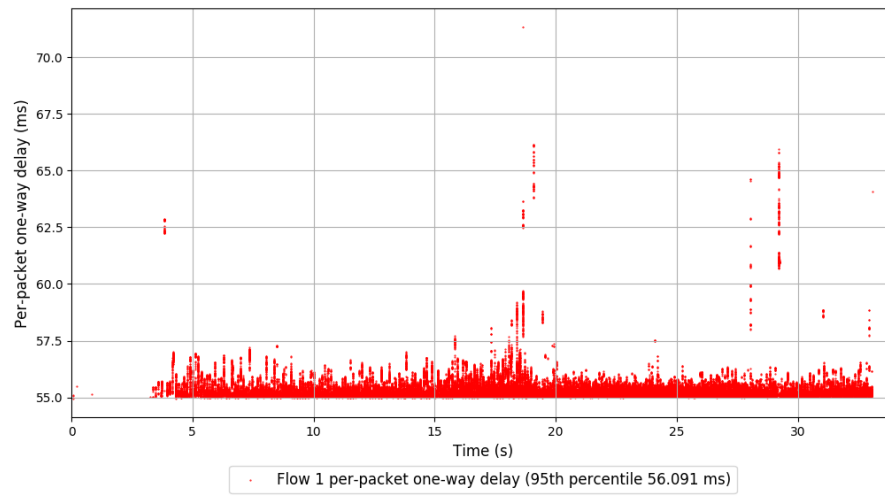
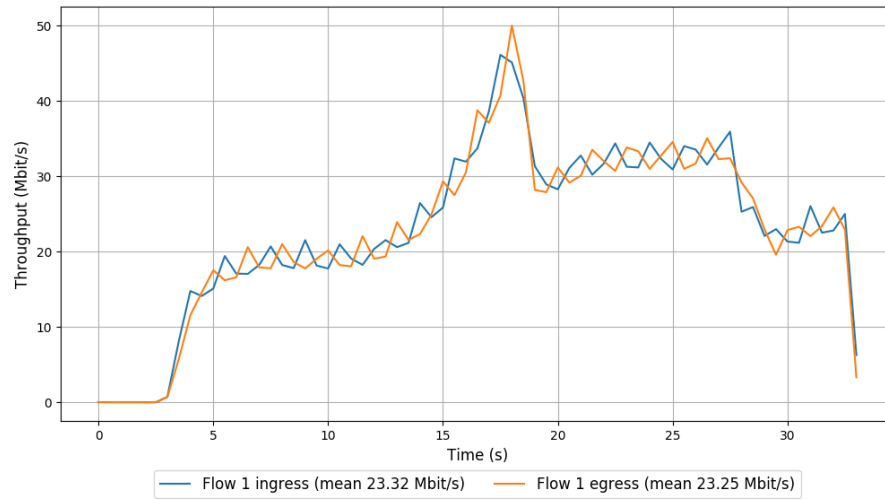
-- Flow 1:

Average throughput: 23.25 Mbit/s

95th percentile per-packet one-way delay: 56.091 ms

Loss rate: 0.64%

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



Run 6: Statistics of TCP Cubic

Start at: Thu, 29 Jun 2017 23:21:37 +0000

End at: Thu, 29 Jun 2017 23:22:07 +0000

Local clock offset: 0.424 ms

Remote clock offset: -1.93 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:18:41 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 43.13 Mbit/s

95th percentile per-packet one-way delay: 56.532 ms

Loss rate: 0.86%

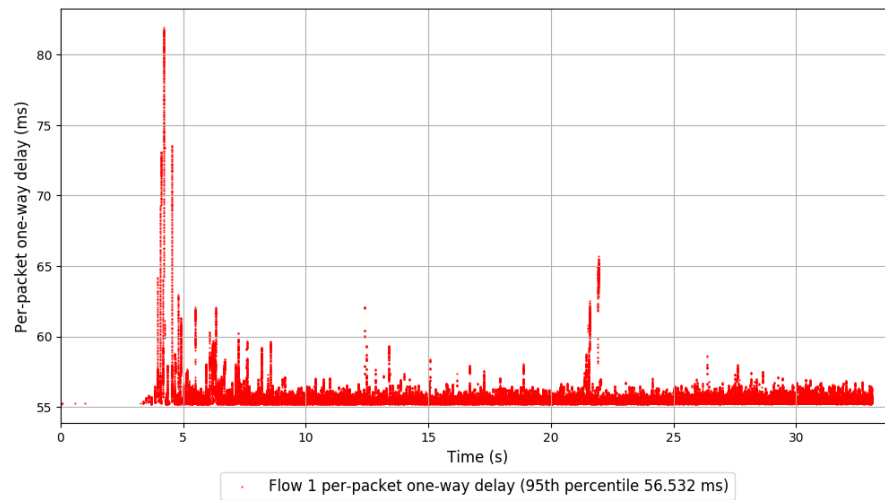
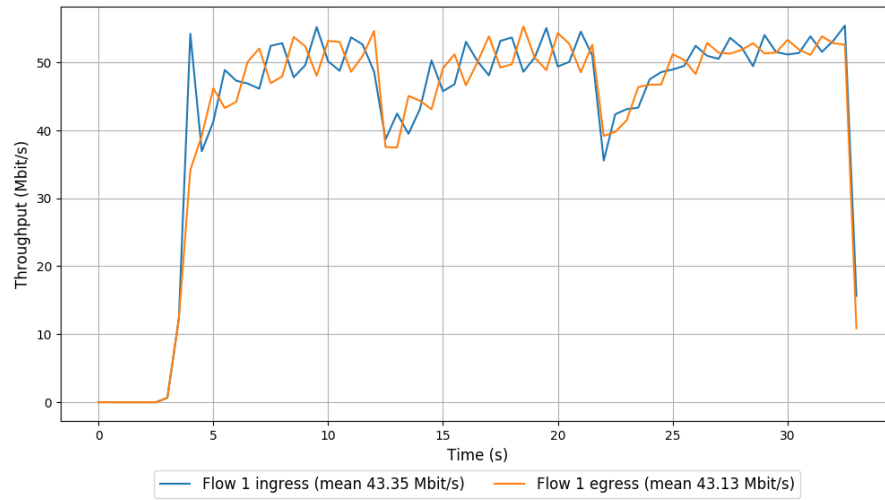
-- Flow 1:

Average throughput: 43.13 Mbit/s

95th percentile per-packet one-way delay: 56.532 ms

Loss rate: 0.86%

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



Run 7: Statistics of TCP Cubic

Start at: Thu, 29 Jun 2017 23:39:03 +0000

End at: Thu, 29 Jun 2017 23:39:33 +0000

Local clock offset: 0.451 ms

Remote clock offset: -0.675 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:18:44 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 47.45 Mbit/s

95th percentile per-packet one-way delay: 58.416 ms

Loss rate: 1.25%

-- Flow 1:

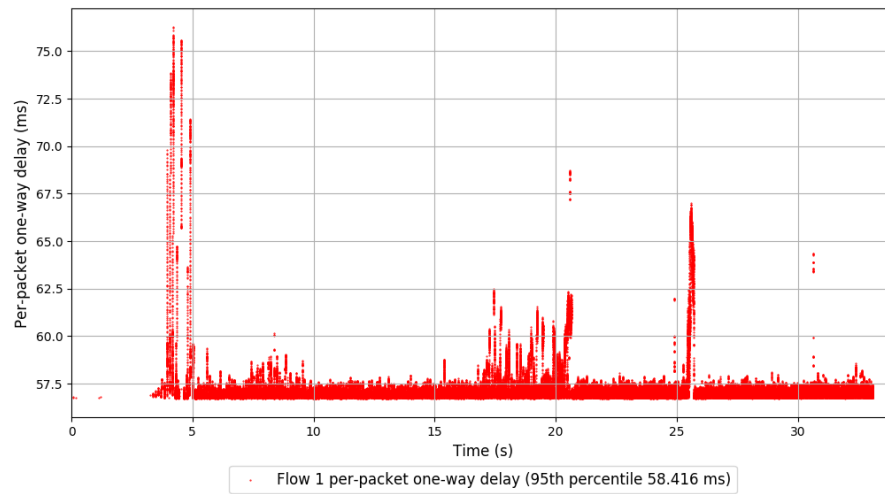
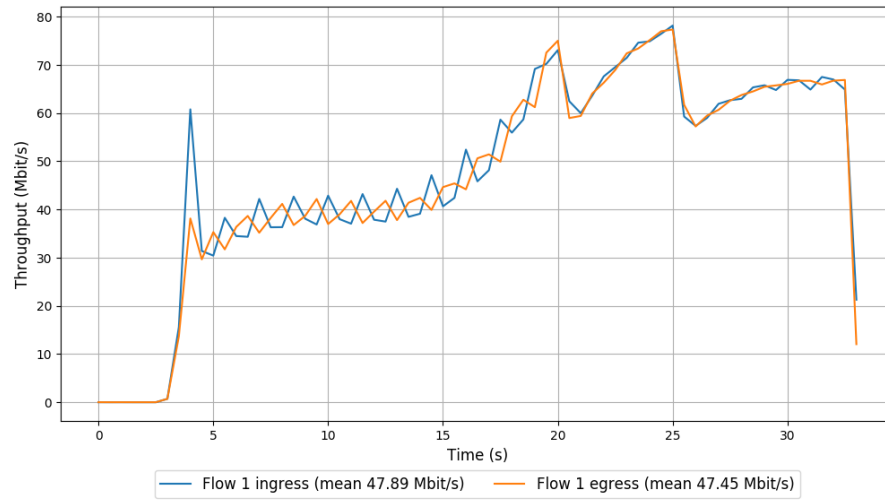
Average throughput: 47.45 Mbit/s

95th percentile per-packet one-way delay: 58.416 ms

Loss rate: 1.25%



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



Run 8: Statistics of TCP Cubic

Start at: Thu, 29 Jun 2017 23:56:21 +0000

End at: Thu, 29 Jun 2017 23:56:51 +0000

Local clock offset: 0.347 ms

Remote clock offset: -1.479 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:18:50 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 46.01 Mbit/s

95th percentile per-packet one-way delay: 58.900 ms

Loss rate: 0.92%

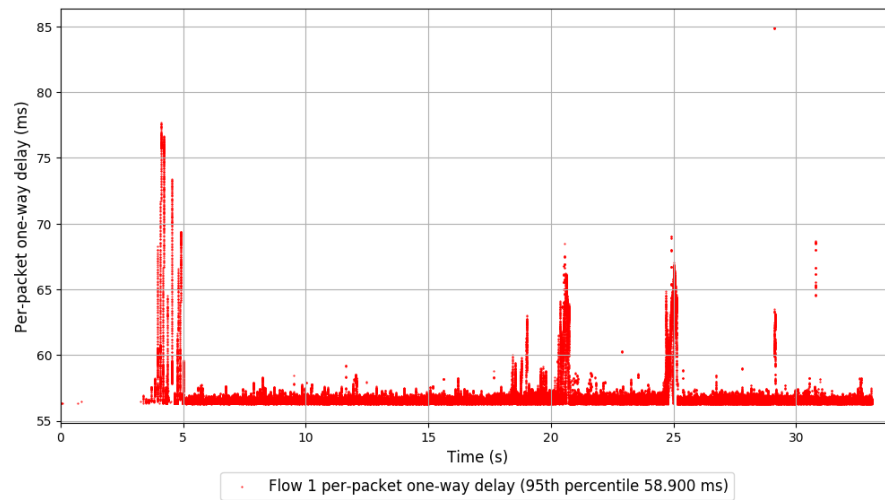
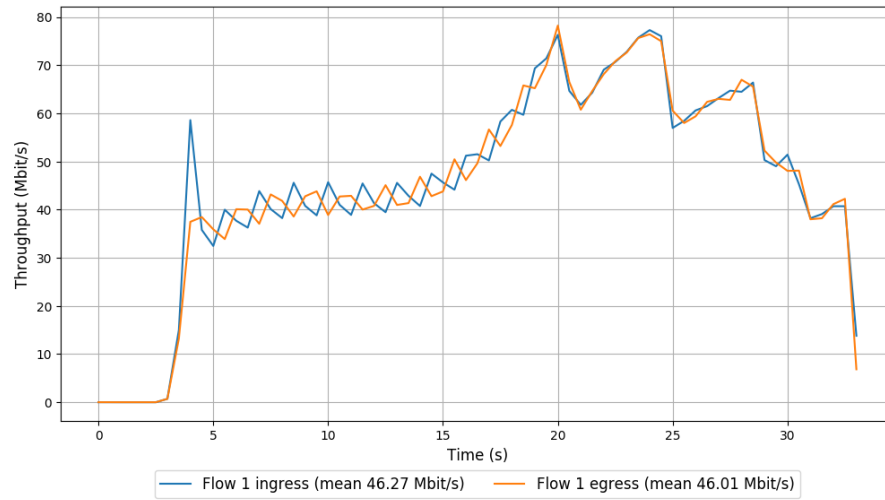
-- Flow 1:

Average throughput: 46.01 Mbit/s

95th percentile per-packet one-way delay: 58.900 ms

Loss rate: 0.92%

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



Run 9: Statistics of TCP Cubic

Start at: Fri, 30 Jun 2017 00:13:44 +0000

End at: Fri, 30 Jun 2017 00:14:14 +0000

Local clock offset: 0.327 ms

Remote clock offset: -1.447 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:18:50 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 29.91 Mbit/s

95th percentile per-packet one-way delay: 57.361 ms

Loss rate: 1.30%

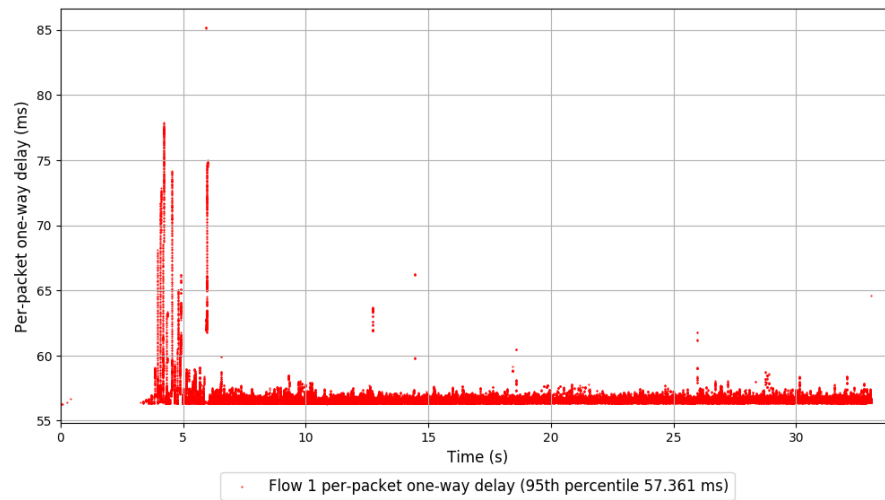
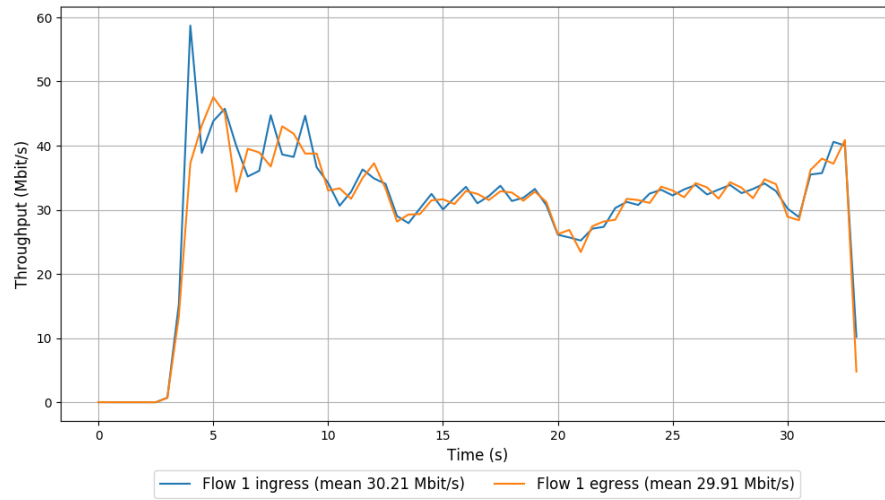
-- Flow 1:

Average throughput: 29.91 Mbit/s

95th percentile per-packet one-way delay: 57.361 ms

Loss rate: 1.30%

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



Run 10: Statistics of TCP Cubic

Start at: Fri, 30 Jun 2017 00:31:10 +0000

End at: Fri, 30 Jun 2017 00:31:40 +0000

Local clock offset: 0.281 ms

Remote clock offset: -1.921 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:18:53 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 15.23 Mbit/s

95th percentile per-packet one-way delay: 59.787 ms

Loss rate: 3.08%

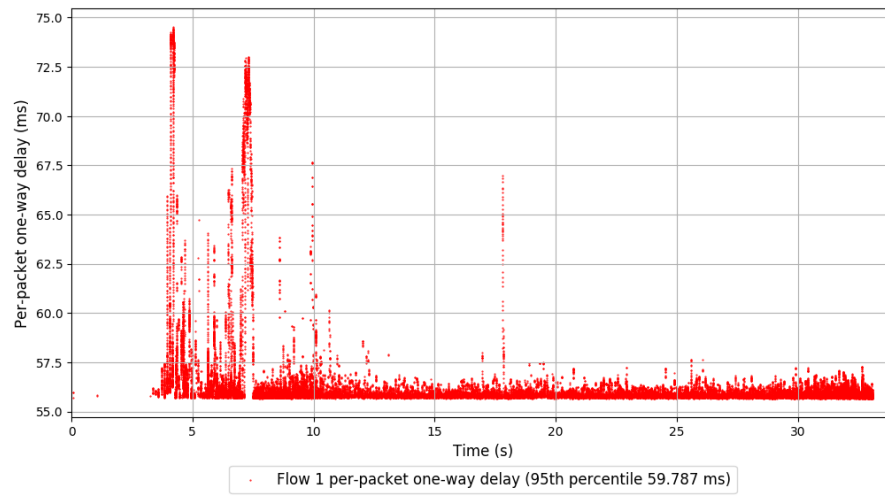
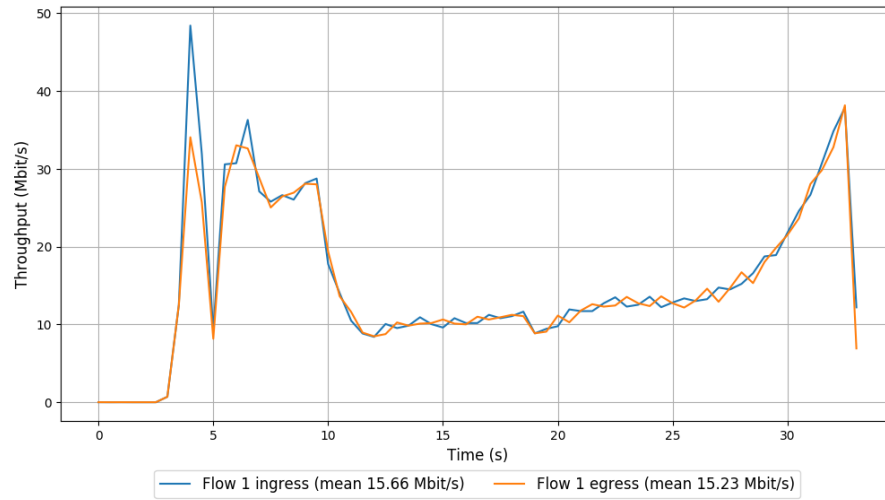
-- Flow 1:

Average throughput: 15.23 Mbit/s

95th percentile per-packet one-way delay: 59.787 ms

Loss rate: 3.08%

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



Run 1: Statistics of KohoCC

Start at: Thu, 29 Jun 2017 21:51:11 +0000

End at: Thu, 29 Jun 2017 21:51:41 +0000

Local clock offset: 0.686 ms

Remote clock offset: -11.243 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:18:53 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 9.09 Mbit/s

95th percentile per-packet one-way delay: 47.042 ms

Loss rate: 0.78%

-- Flow 1:

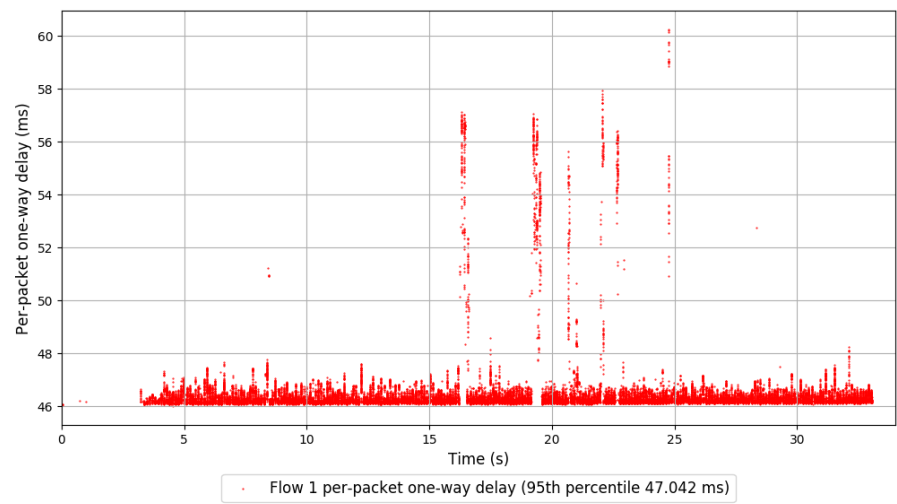
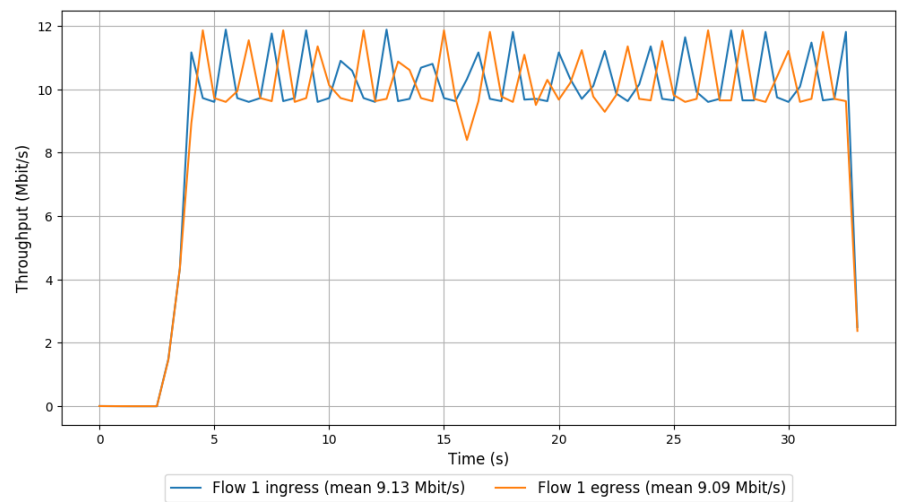
Average throughput: 9.09 Mbit/s

95th percentile per-packet one-way delay: 47.042 ms

Loss rate: 0.78%



Run 1: Report of KohoCC — Data Link



Run 2: Statistics of KohoCC

Start at: Thu, 29 Jun 2017 22:08:45 +0000

End at: Thu, 29 Jun 2017 22:09:15 +0000

Local clock offset: 0.606 ms

Remote clock offset: -8.765 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:18:54 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 9.16 Mbit/s

95th percentile per-packet one-way delay: 49.029 ms

Loss rate: 0.40%

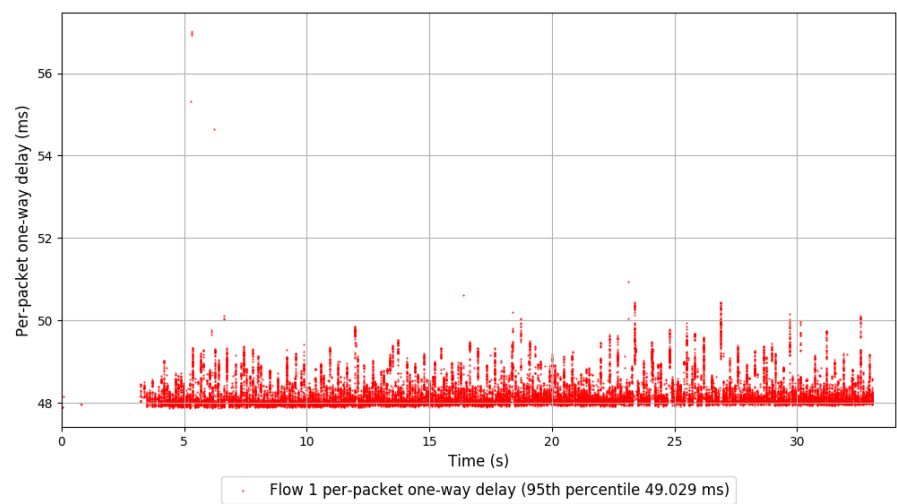
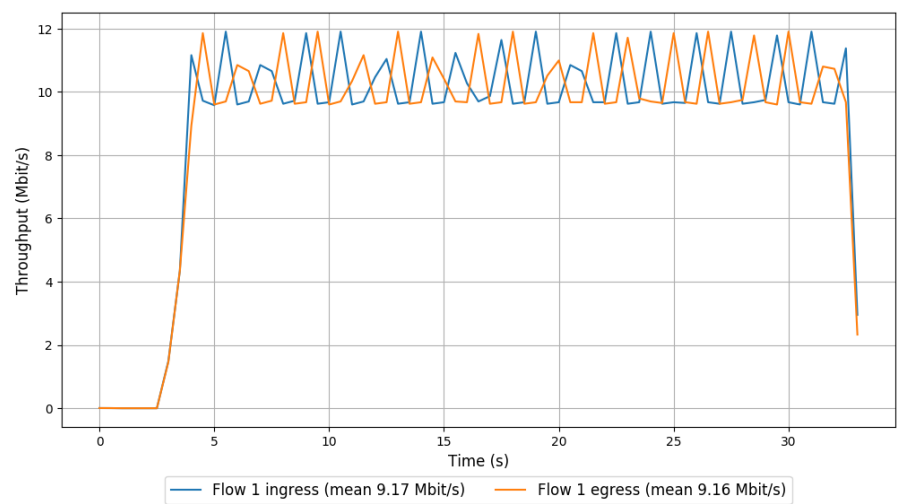
-- Flow 1:

Average throughput: 9.16 Mbit/s

95th percentile per-packet one-way delay: 49.029 ms

Loss rate: 0.40%

Run 2: Report of KohoCC — Data Link



Run 3: Statistics of KohoCC

Start at: Thu, 29 Jun 2017 22:26:11 +0000

End at: Thu, 29 Jun 2017 22:26:41 +0000

Local clock offset: 0.638 ms

Remote clock offset: -6.463 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:18:55 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 9.06 Mbit/s

95th percentile per-packet one-way delay: 52.115 ms

Loss rate: 0.43%

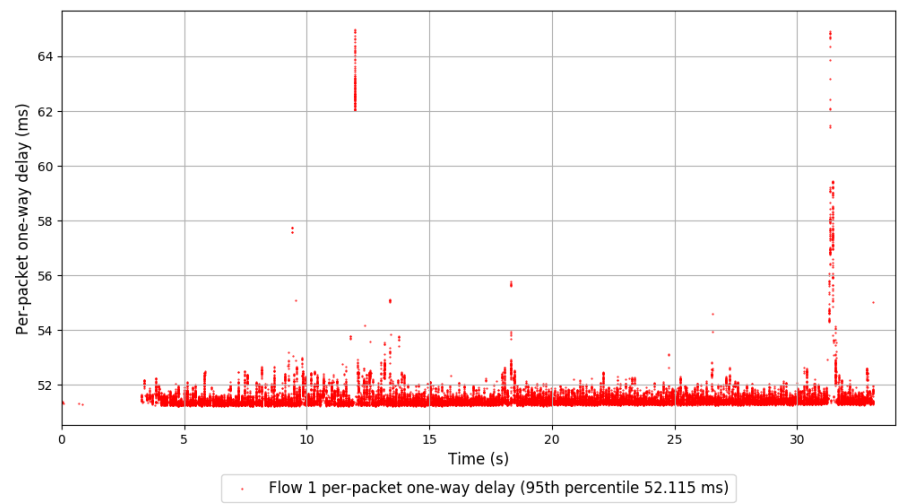
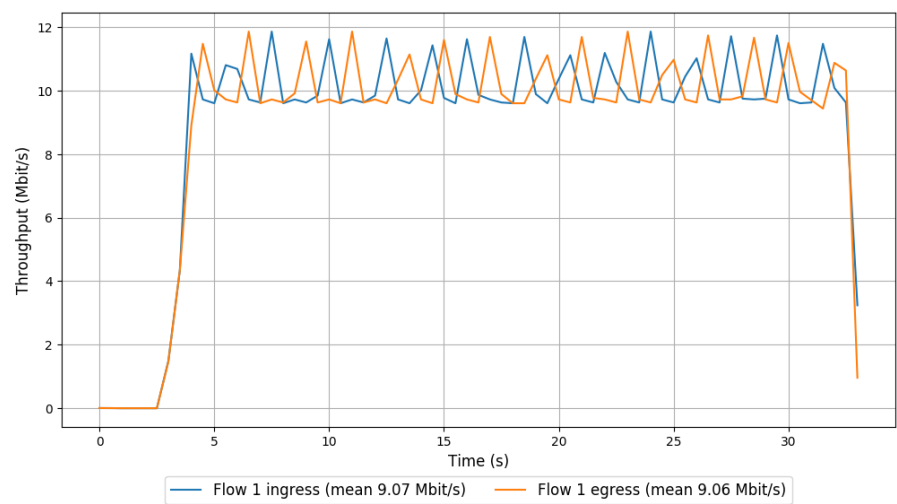
-- Flow 1:

Average throughput: 9.06 Mbit/s

95th percentile per-packet one-way delay: 52.115 ms

Loss rate: 0.43%

Run 3: Report of KohoCC — Data Link



Run 4: Statistics of KohoCC

Start at: Thu, 29 Jun 2017 22:43:35 +0000

End at: Thu, 29 Jun 2017 22:44:05 +0000

Local clock offset: 0.558 ms

Remote clock offset: -4.998 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:18:56 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 9.16 Mbit/s

95th percentile per-packet one-way delay: 53.650 ms

Loss rate: 0.40%

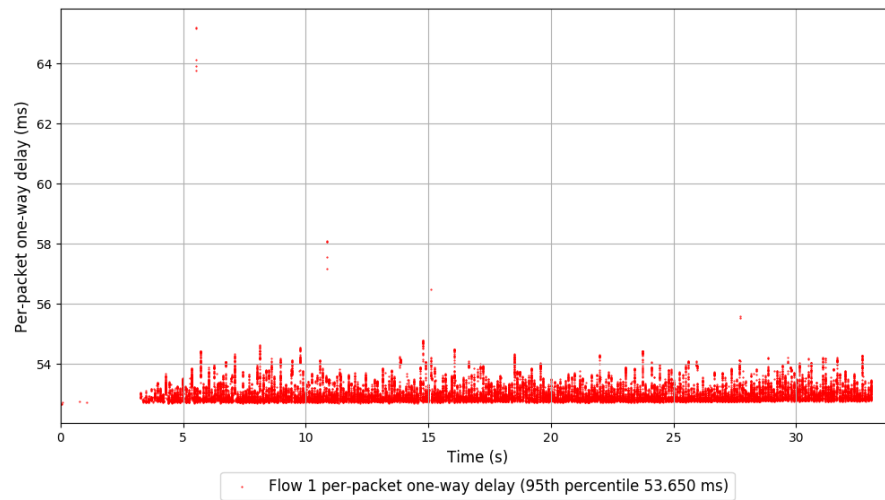
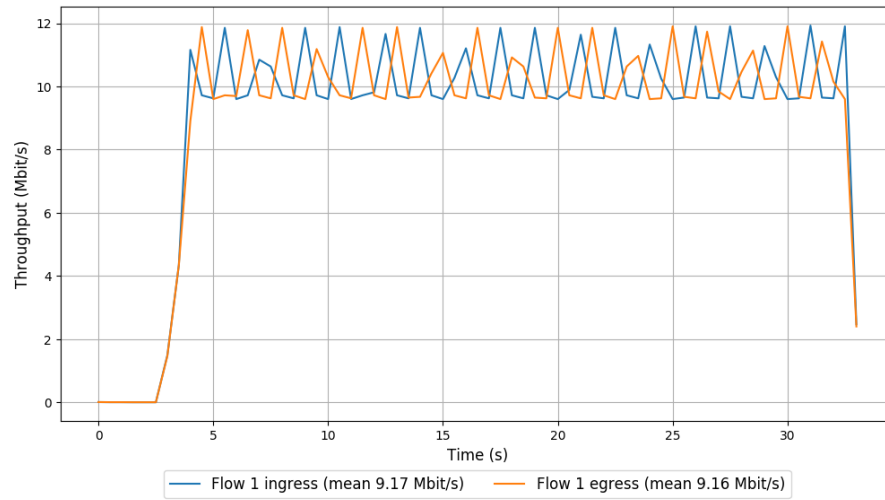
-- Flow 1:

Average throughput: 9.16 Mbit/s

95th percentile per-packet one-way delay: 53.650 ms

Loss rate: 0.40%

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



Run 5: Statistics of KohoCC

Start at: Thu, 29 Jun 2017 23:00:59 +0000

End at: Thu, 29 Jun 2017 23:01:29 +0000

Local clock offset: 0.595 ms

Remote clock offset: -3.014 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:18:58 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 9.06 Mbit/s

95th percentile per-packet one-way delay: 55.244 ms

Loss rate: 0.59%

-- Flow 1:

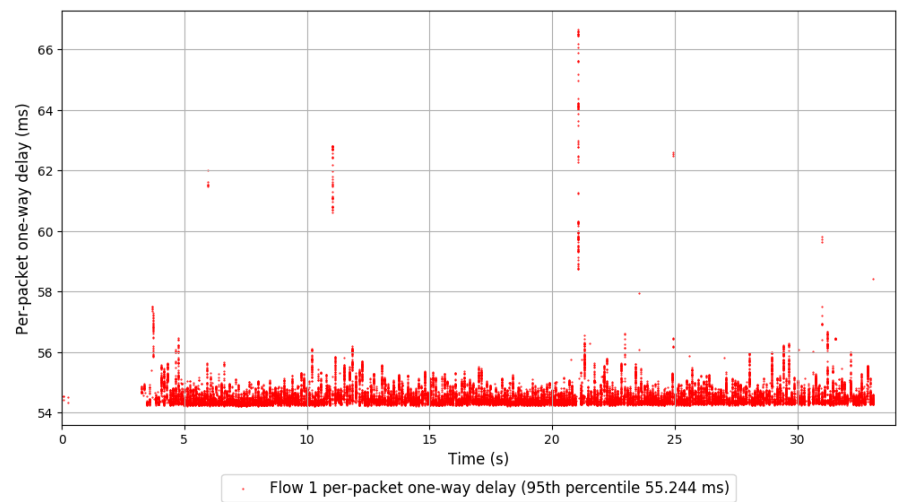
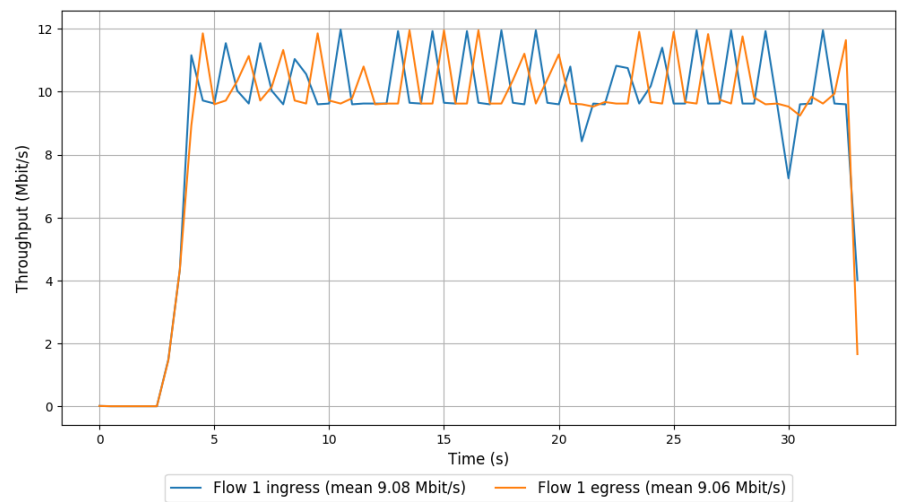
Average throughput: 9.06 Mbit/s

95th percentile per-packet one-way delay: 55.244 ms

Loss rate: 0.59%



Run 5: Report of KohoCC — Data Link



Run 6: Statistics of KohoCC

Start at: Thu, 29 Jun 2017 23:18:15 +0000

End at: Thu, 29 Jun 2017 23:18:45 +0000

Local clock offset: 0.449 ms

Remote clock offset: -2.439 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:18:58 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 9.12 Mbit/s

95th percentile per-packet one-way delay: 56.322 ms

Loss rate: 0.56%

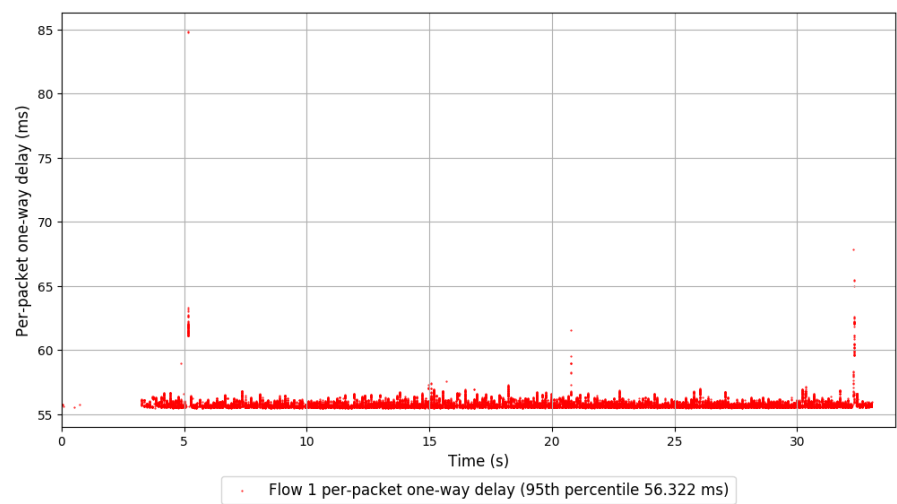
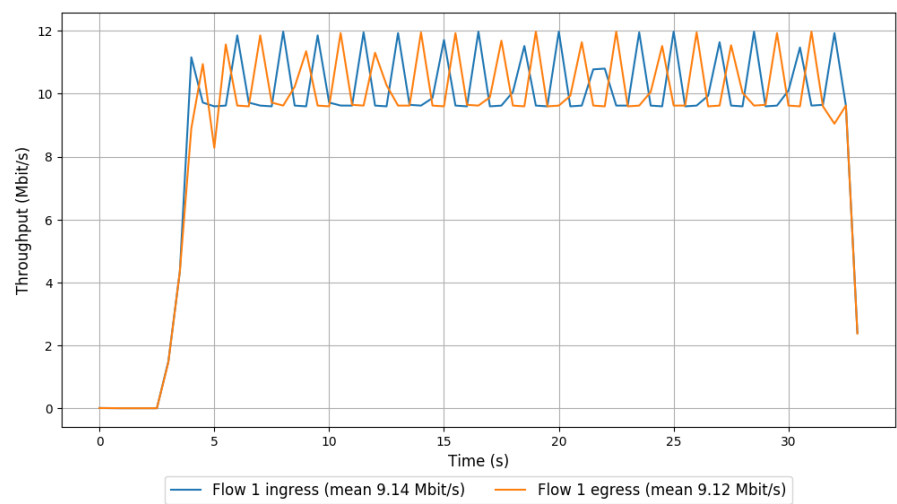
-- Flow 1:

Average throughput: 9.12 Mbit/s

95th percentile per-packet one-way delay: 56.322 ms

Loss rate: 0.56%

Run 6: Report of KohoCC — Data Link



Run 7: Statistics of KohoCC

Start at: Thu, 29 Jun 2017 23:35:41 +0000

End at: Thu, 29 Jun 2017 23:36:11 +0000

Local clock offset: 0.434 ms

Remote clock offset: -1.175 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:19:00 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 9.10 Mbit/s

95th percentile per-packet one-way delay: 57.196 ms

Loss rate: 0.40%

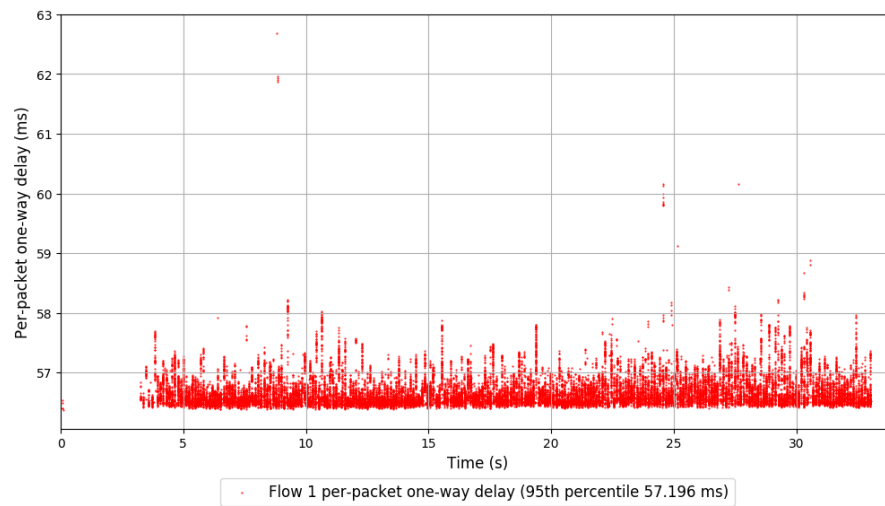
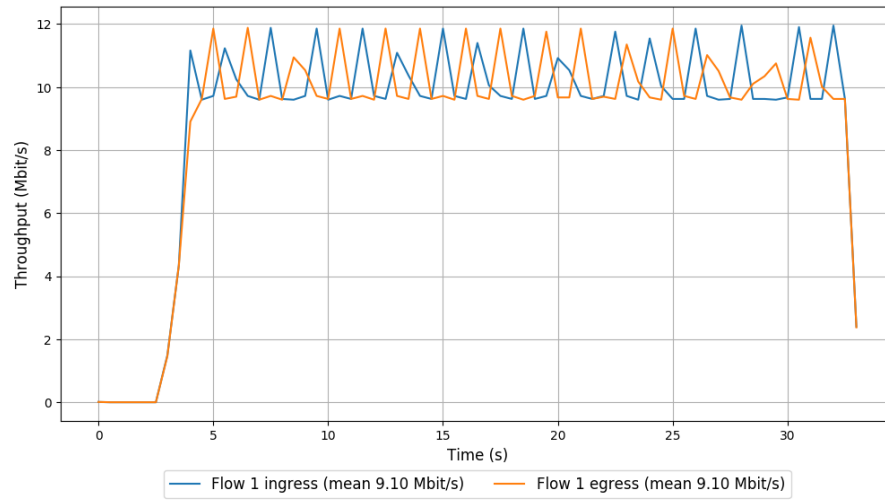
-- Flow 1:

Average throughput: 9.10 Mbit/s

95th percentile per-packet one-way delay: 57.196 ms

Loss rate: 0.40%

### Run 7: Report of KohoCC — Data Link



Run 8: Statistics of KohoCC

Start at: Thu, 29 Jun 2017 23:52:57 +0000

End at: Thu, 29 Jun 2017 23:53:27 +0000

Local clock offset: 0.366 ms

Remote clock offset: -1.249 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:19:01 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 9.20 Mbit/s

95th percentile per-packet one-way delay: 57.187 ms

Loss rate: 0.43%

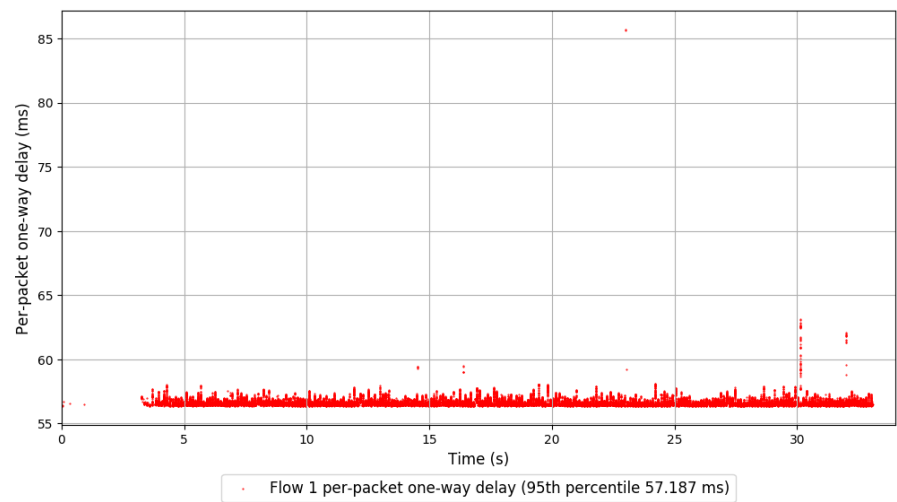
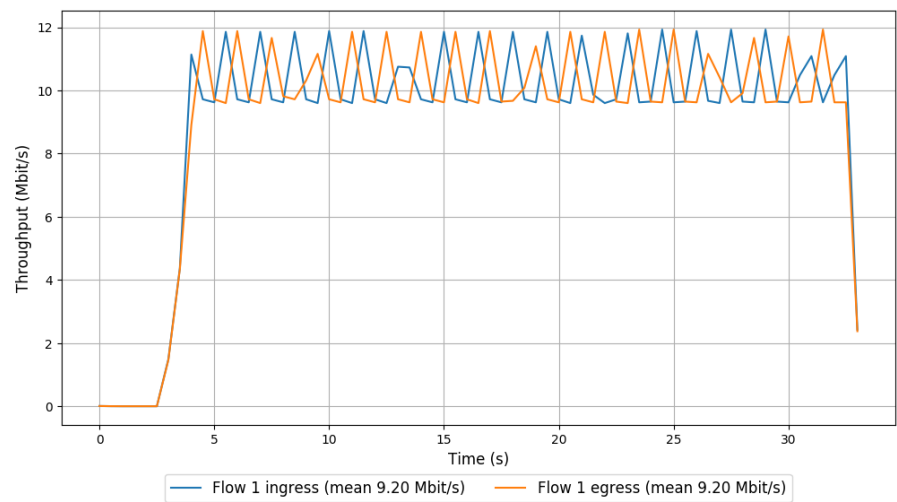
-- Flow 1:

Average throughput: 9.20 Mbit/s

95th percentile per-packet one-way delay: 57.187 ms

Loss rate: 0.43%

Run 8: Report of KohoCC — Data Link



Run 9: Statistics of KohoCC

Start at: Fri, 30 Jun 2017 00:10:22 +0000

End at: Fri, 30 Jun 2017 00:10:52 +0000

Local clock offset: 0.338 ms

Remote clock offset: -1.879 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:19:02 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 9.10 Mbit/s

95th percentile per-packet one-way delay: 56.697 ms

Loss rate: 0.40%

-- Flow 1:

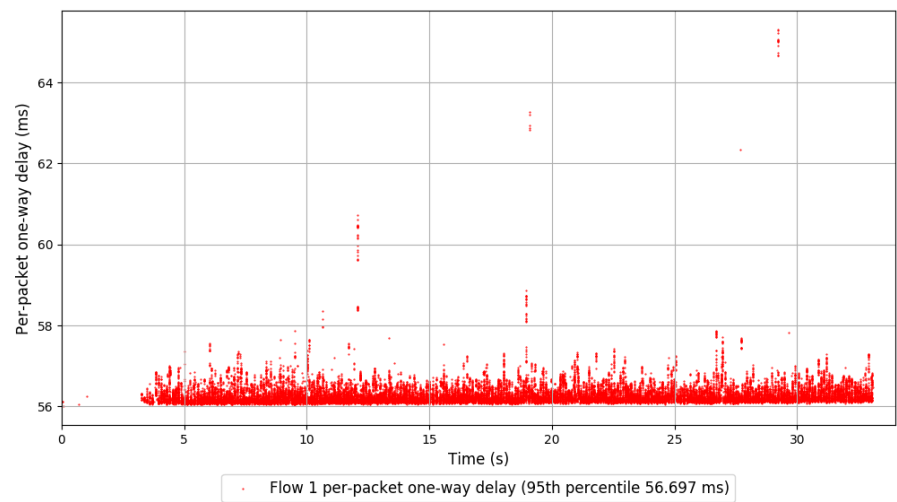
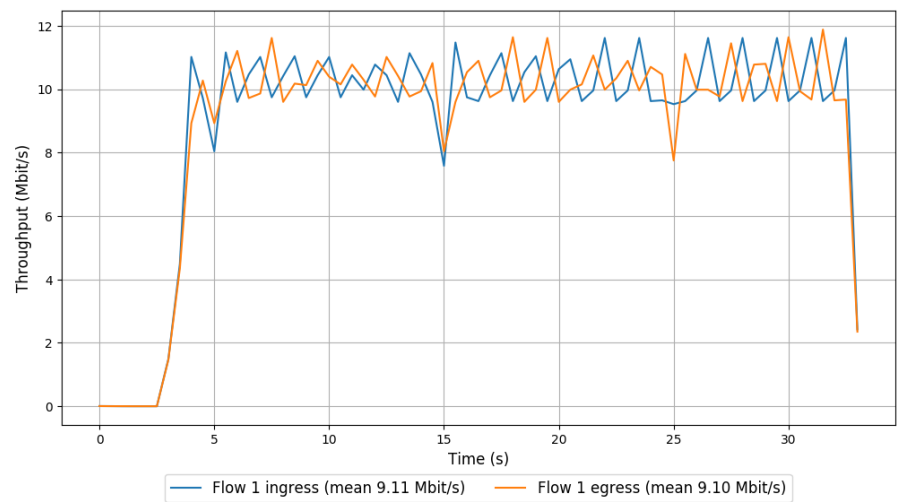
Average throughput: 9.10 Mbit/s

95th percentile per-packet one-way delay: 56.697 ms

Loss rate: 0.40%



Run 9: Report of KohoCC — Data Link



Run 10: Statistics of KohoCC

Start at: Fri, 30 Jun 2017 00:27:49 +0000

End at: Fri, 30 Jun 2017 00:28:19 +0000

Local clock offset: 0.3 ms

Remote clock offset: -2.142 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:19:04 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 9.13 Mbit/s

95th percentile per-packet one-way delay: 57.107 ms

Loss rate: 0.48%

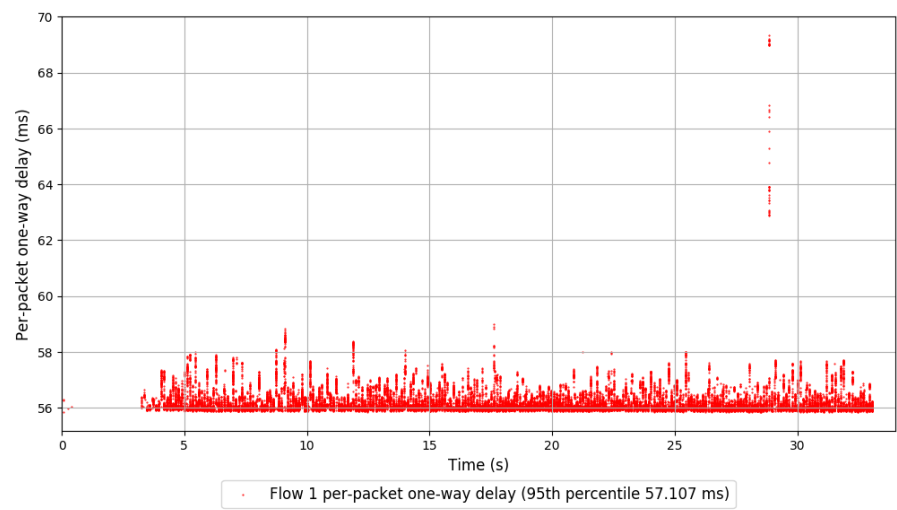
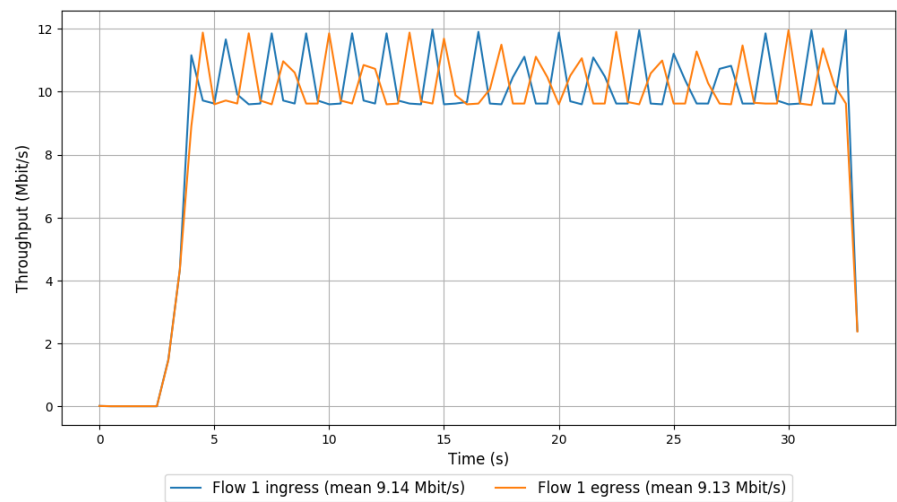
-- Flow 1:

Average throughput: 9.13 Mbit/s

95th percentile per-packet one-way delay: 57.107 ms

Loss rate: 0.48%

Run 10: Report of KohoCC — Data Link



Run 1: Statistics of LEDBAT

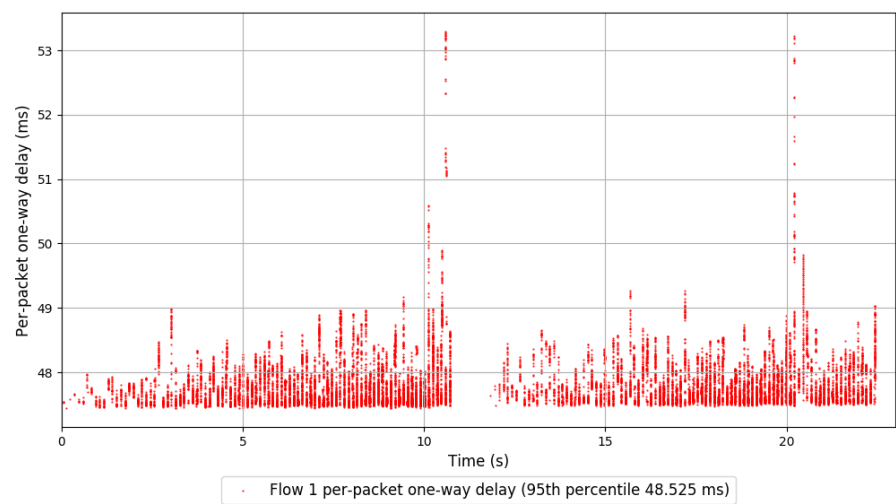
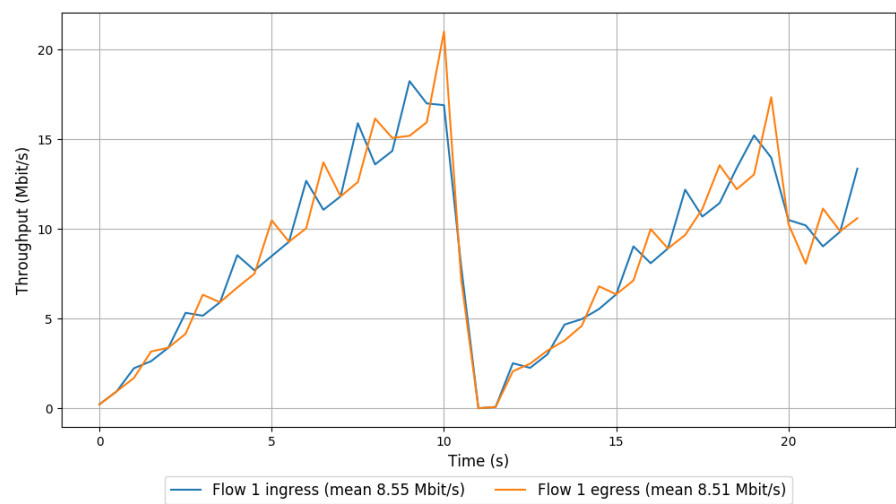
Start at: Thu, 29 Jun 2017 21:59:12 +0000

End at: Thu, 29 Jun 2017 21:59:42 +0000

Local clock offset: 0.659 ms

Remote clock offset: -10.262 ms

Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: Thu, 29 Jun 2017 22:16:47 +0000

End at: Thu, 29 Jun 2017 22:17:17 +0000

Local clock offset: 0.555 ms

Remote clock offset: -7.914 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:19:08 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 20.18 Mbit/s

95th percentile per-packet one-way delay: 50.455 ms

Loss rate: 0.23%

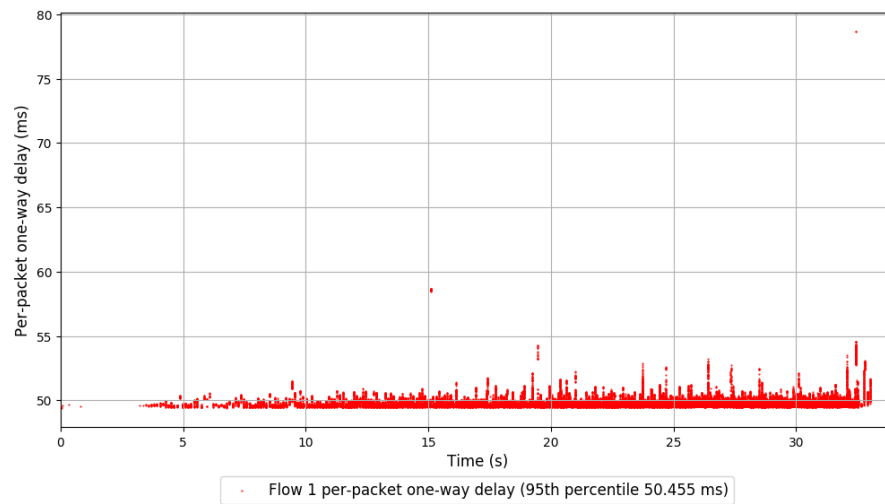
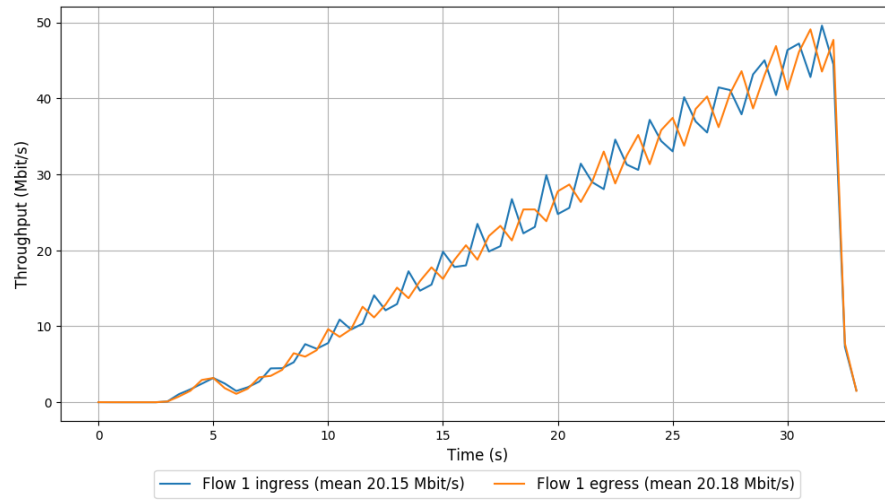
-- Flow 1:

Average throughput: 20.18 Mbit/s

95th percentile per-packet one-way delay: 50.455 ms

Loss rate: 0.23%

## Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: Thu, 29 Jun 2017 22:34:13 +0000

End at: Thu, 29 Jun 2017 22:34:43 +0000

Local clock offset: 0.58 ms

Remote clock offset: -5.944 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:19:08 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 14.09 Mbit/s

95th percentile per-packet one-way delay: 52.739 ms

Loss rate: 0.64%

-- Flow 1:

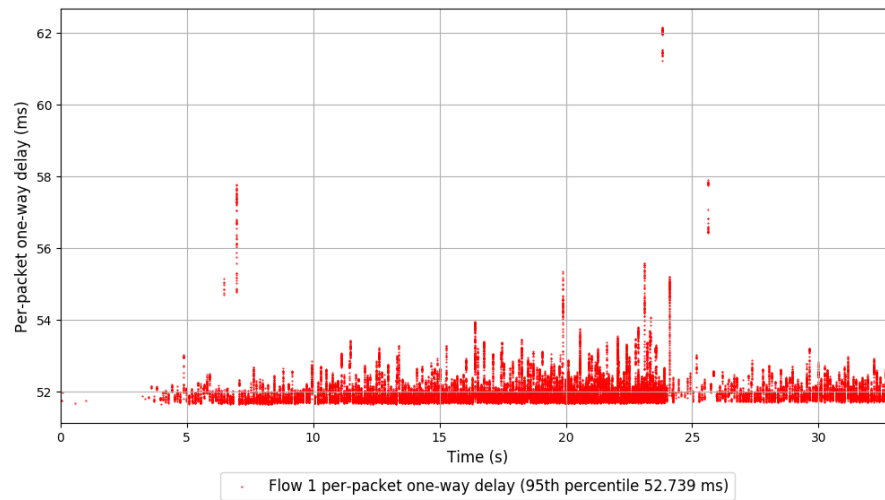
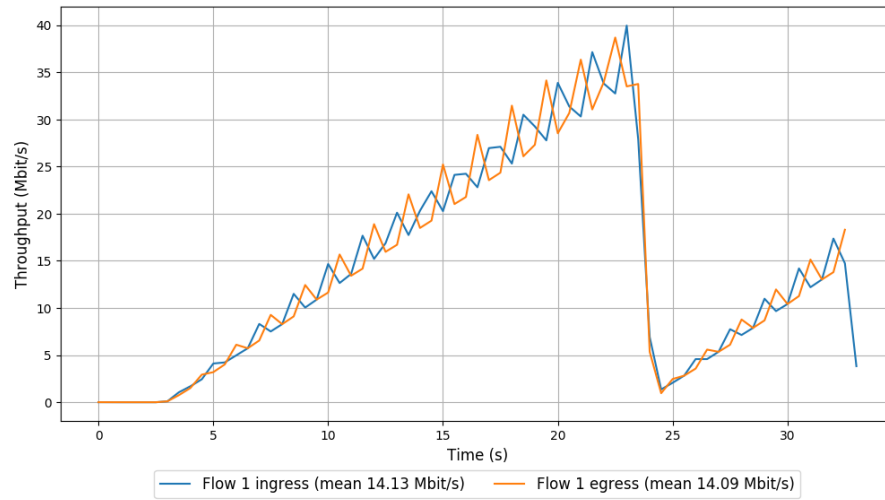
Average throughput: 14.09 Mbit/s

95th percentile per-packet one-way delay: 52.739 ms

Loss rate: 0.64%



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



Run 4: Statistics of LEDBAT

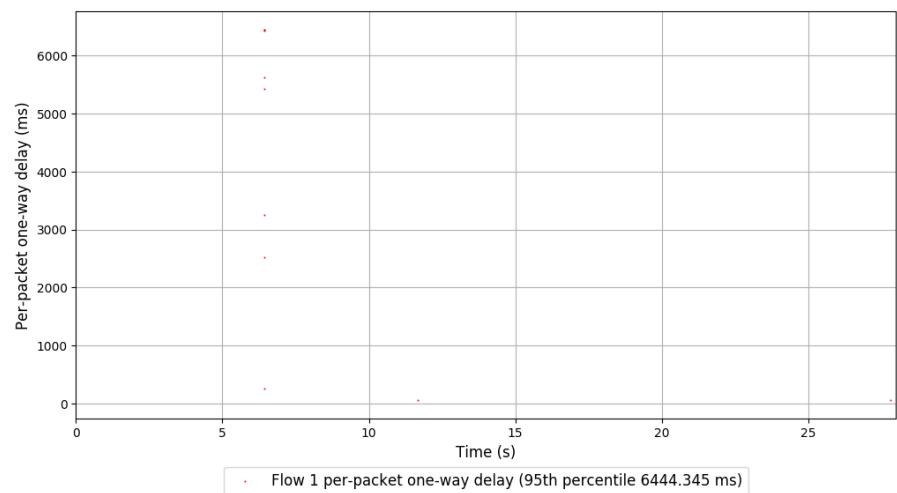
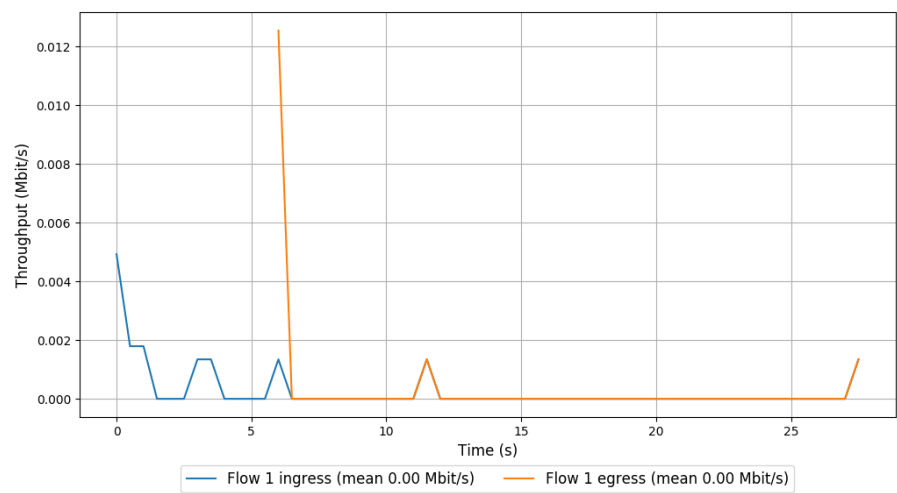
Start at: Thu, 29 Jun 2017 22:51:36 +0000

End at: Thu, 29 Jun 2017 22:52:06 +0000

Local clock offset: 0.503 ms

Remote clock offset: -4.02 ms

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: Thu, 29 Jun 2017 23:08:51 +0000

End at: Thu, 29 Jun 2017 23:09:21 +0000

Local clock offset: 0.493 ms

Remote clock offset: -3.017 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:19:09 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 7.69 Mbit/s

95th percentile per-packet one-way delay: 56.275 ms

Loss rate: 0.81%

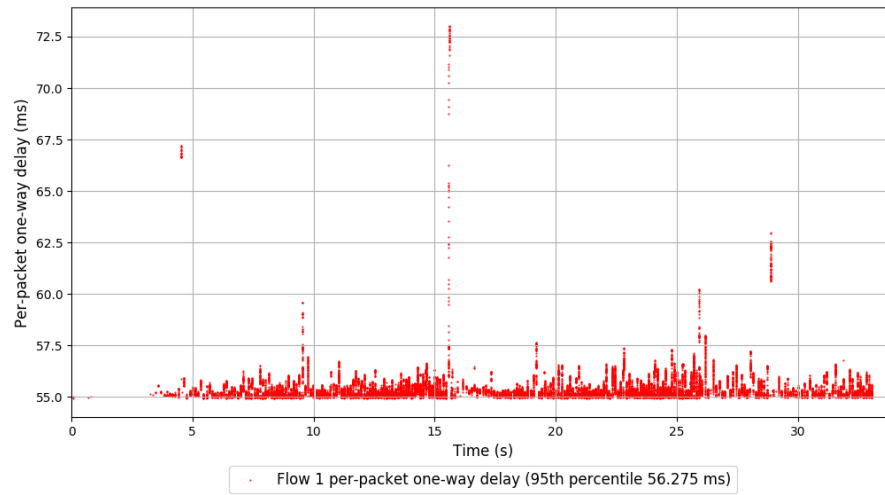
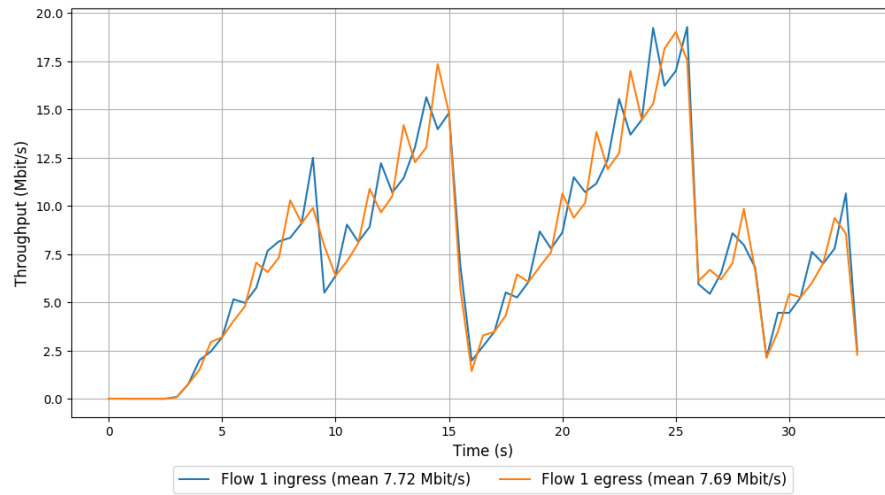
-- Flow 1:

Average throughput: 7.69 Mbit/s

95th percentile per-packet one-way delay: 56.275 ms

Loss rate: 0.81%

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



Run 6: Statistics of LEDBAT

Start at: Thu, 29 Jun 2017 23:26:18 +0000

End at: Thu, 29 Jun 2017 23:26:48 +0000

Local clock offset: 0.532 ms

Remote clock offset: -1.877 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:19:12 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 18.60 Mbit/s

95th percentile per-packet one-way delay: 56.308 ms

Loss rate: 0.15%

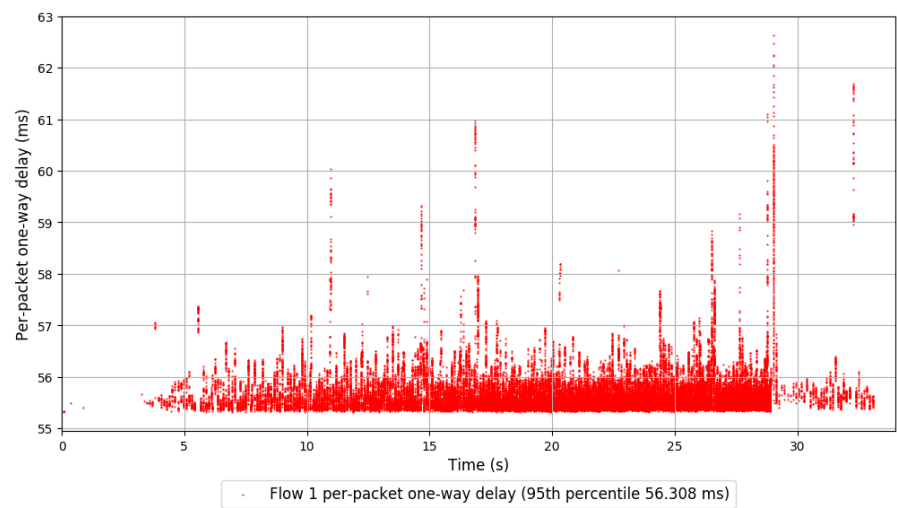
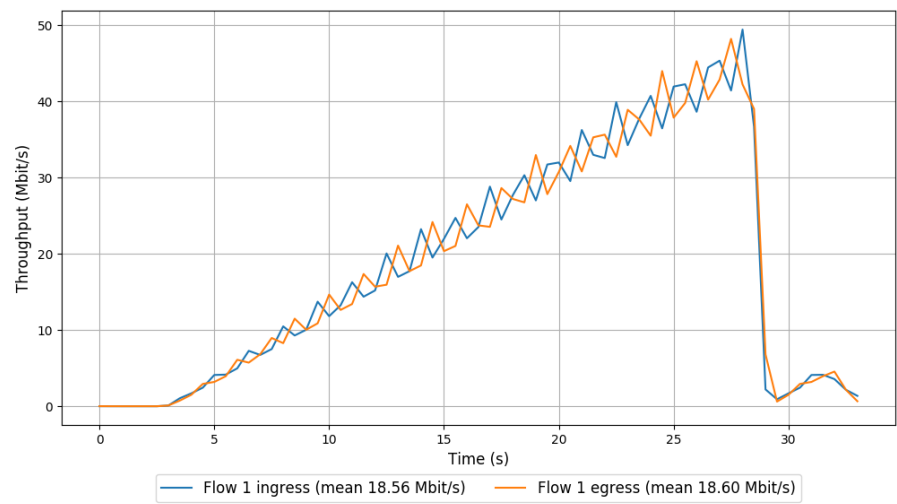
-- Flow 1:

Average throughput: 18.60 Mbit/s

95th percentile per-packet one-way delay: 56.308 ms

Loss rate: 0.15%

Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

Start at: Thu, 29 Jun 2017 23:43:45 +0000

End at: Thu, 29 Jun 2017 23:44:15 +0000

Local clock offset: 0.399 ms

Remote clock offset: -1.09 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:19:12 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 11.09 Mbit/s

95th percentile per-packet one-way delay: 57.391 ms

Loss rate: 1.10%

-- Flow 1:

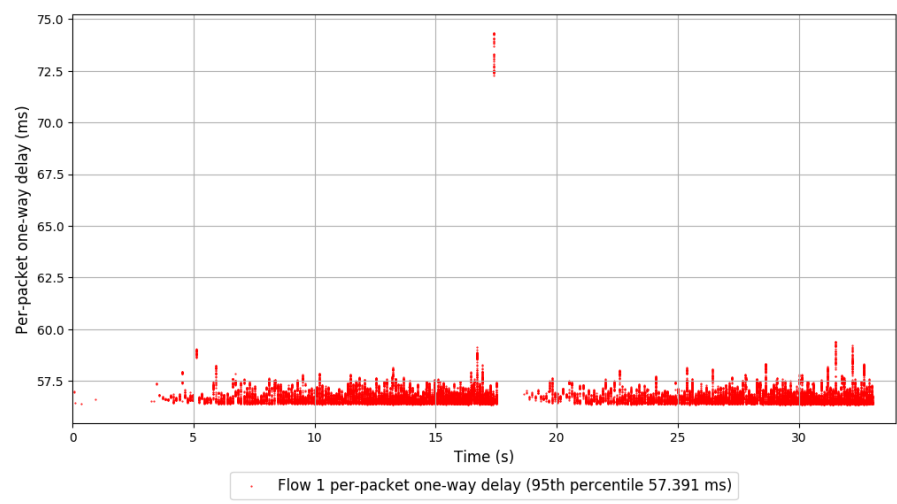
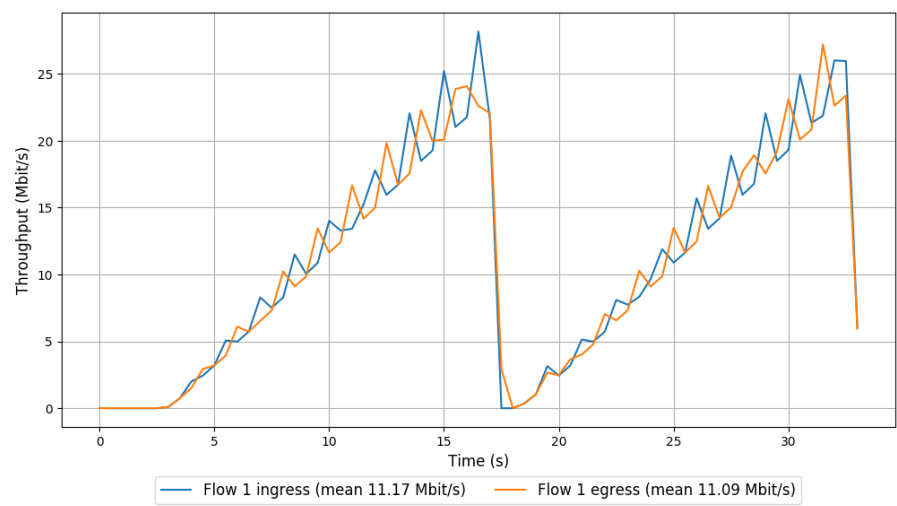
Average throughput: 11.09 Mbit/s

95th percentile per-packet one-way delay: 57.391 ms

Loss rate: 1.10%



Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: Fri, 30 Jun 2017 00:01:03 +0000

End at: Fri, 30 Jun 2017 00:01:33 +0000

Local clock offset: 0.426 ms

Remote clock offset: -1.78 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:19:13 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 8.49 Mbit/s

95th percentile per-packet one-way delay: 56.748 ms

Loss rate: 0.97%

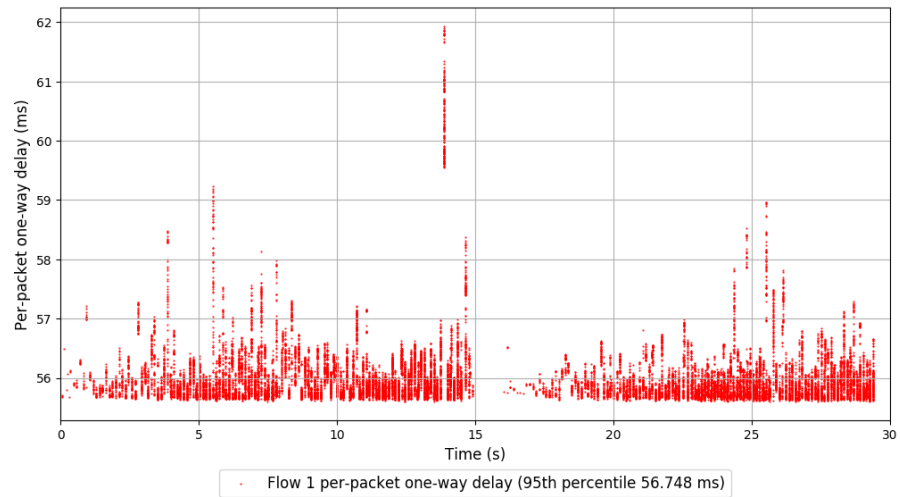
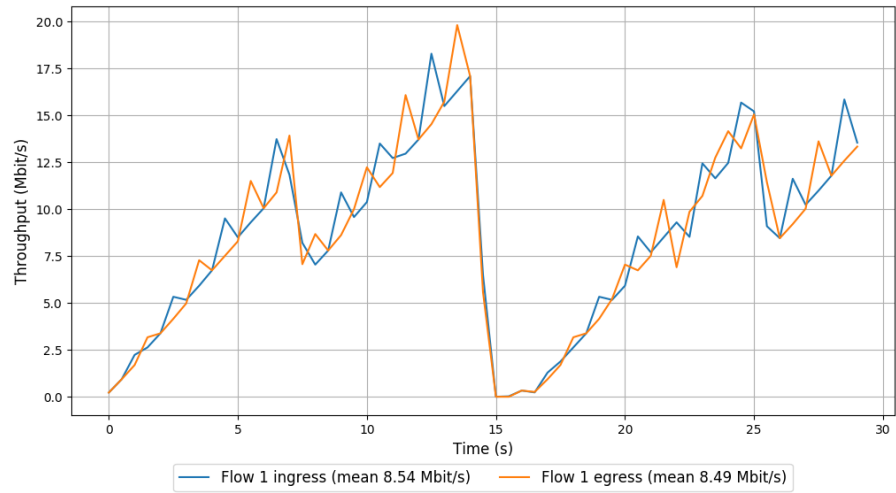
-- Flow 1:

Average throughput: 8.49 Mbit/s

95th percentile per-packet one-way delay: 56.748 ms

Loss rate: 0.97%

## Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

Start at: Fri, 30 Jun 2017 00:18:27 +0000

End at: Fri, 30 Jun 2017 00:18:57 +0000

Local clock offset: 0.342 ms

Remote clock offset: -1.046 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:19:14 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 9.33 Mbit/s

95th percentile per-packet one-way delay: 57.559 ms

Loss rate: 1.04%

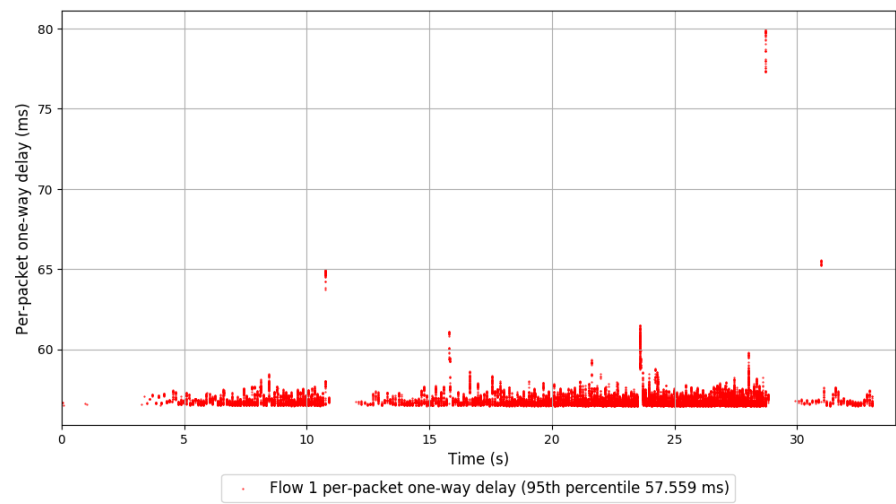
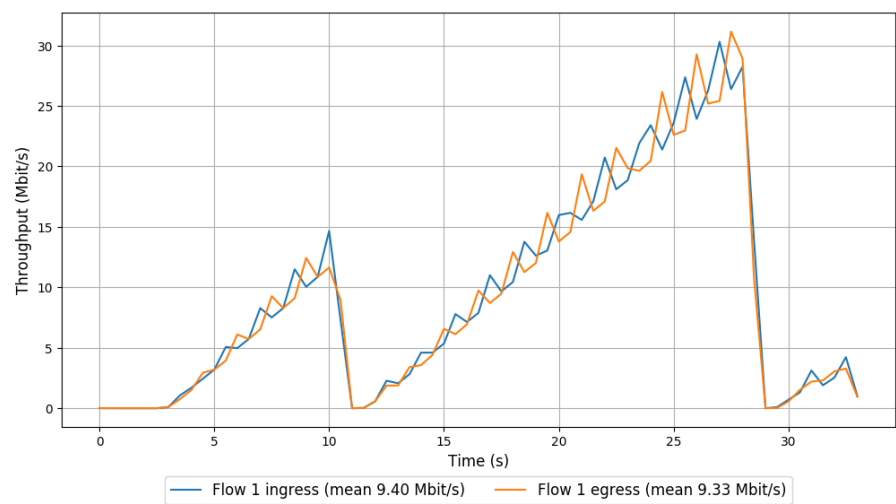
-- Flow 1:

Average throughput: 9.33 Mbit/s

95th percentile per-packet one-way delay: 57.559 ms

Loss rate: 1.04%

Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: Fri, 30 Jun 2017 00:35:57 +0000

End at: Fri, 30 Jun 2017 00:36:27 +0000

Local clock offset: 0.233 ms

Remote clock offset: -2.31 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:19:16 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 11.75 Mbit/s

95th percentile per-packet one-way delay: 56.461 ms

Loss rate: 0.75%

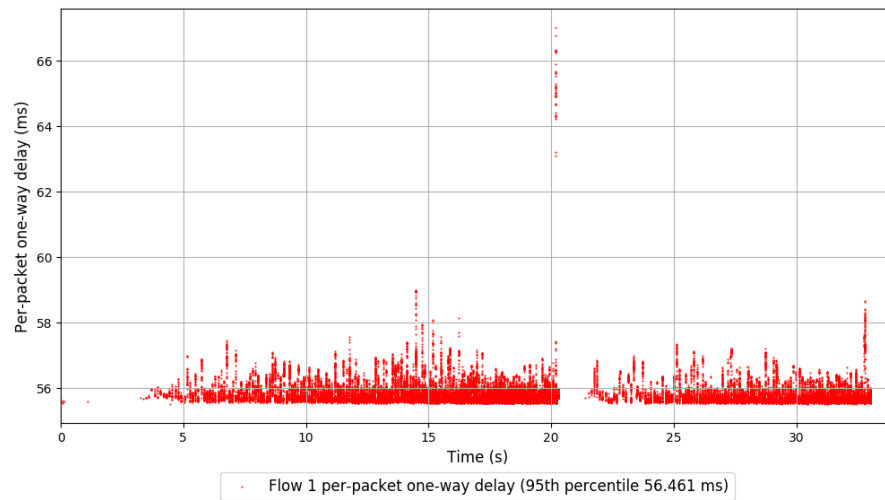
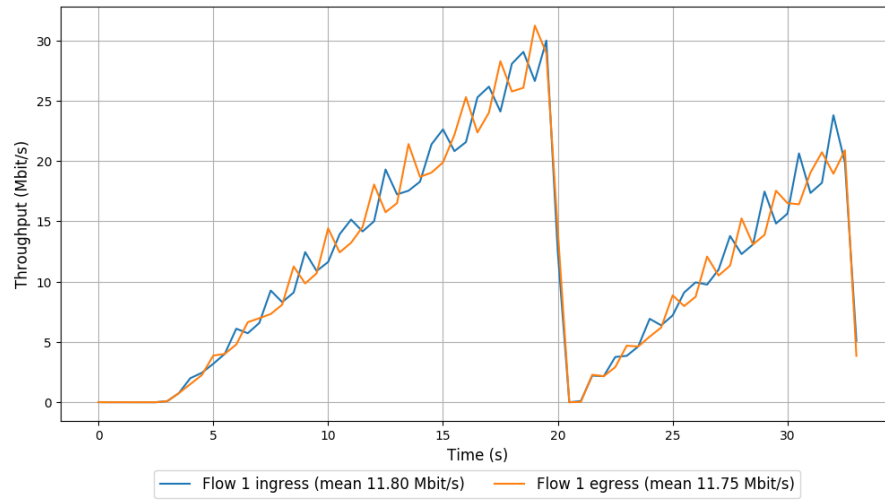
-- Flow 1:

Average throughput: 11.75 Mbit/s

95th percentile per-packet one-way delay: 56.461 ms

Loss rate: 0.75%

# Run 10: Report of LEDBAT — Data Link



Run 1: Statistics of PCC

Start at: Thu, 29 Jun 2017 21:48:56 +0000

End at: Thu, 29 Jun 2017 21:49:26 +0000

Local clock offset: 0.665 ms

Remote clock offset: -11.515 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:19:24 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 59.49 Mbit/s

95th percentile per-packet one-way delay: 58.066 ms

Loss rate: 3.85%

-- Flow 1:

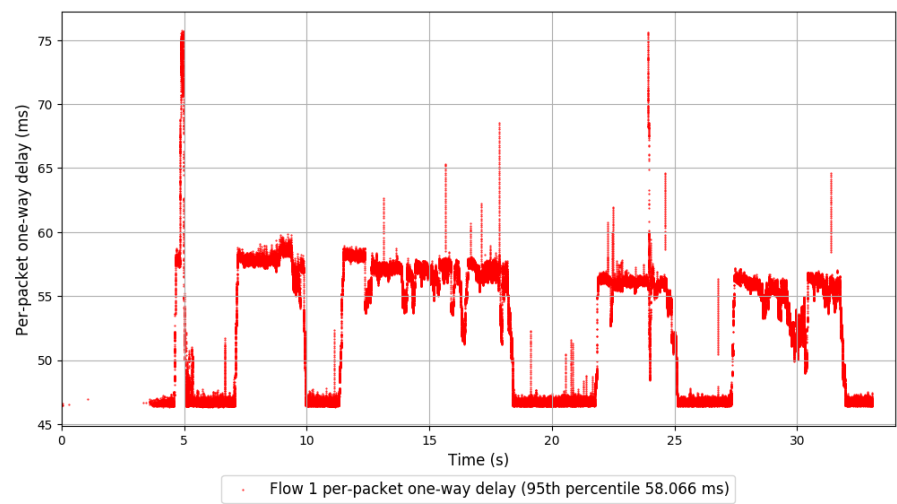
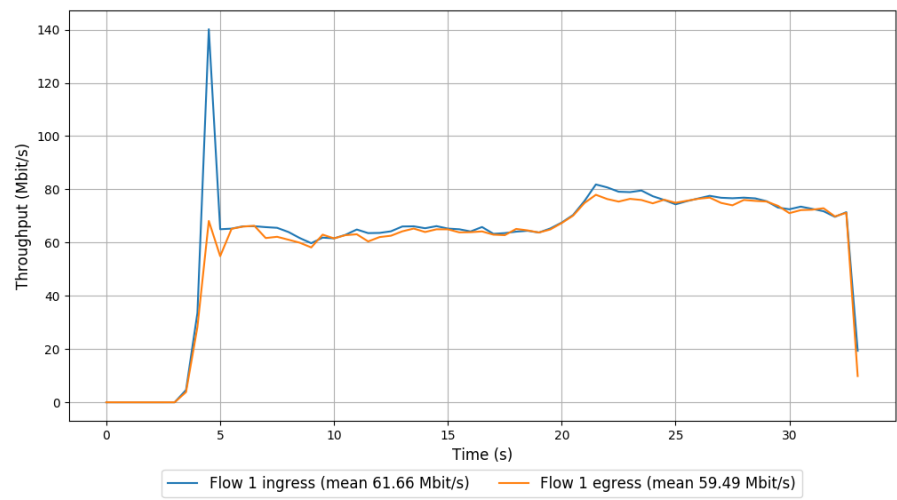
Average throughput: 59.49 Mbit/s

95th percentile per-packet one-way delay: 58.066 ms

Loss rate: 3.85%



Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

Start at: Thu, 29 Jun 2017 22:06:28 +0000

End at: Thu, 29 Jun 2017 22:06:59 +0000

Local clock offset: 0.622 ms

Remote clock offset: -9.115 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:19:25 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 62.52 Mbit/s

95th percentile per-packet one-way delay: 59.420 ms

Loss rate: 3.34%

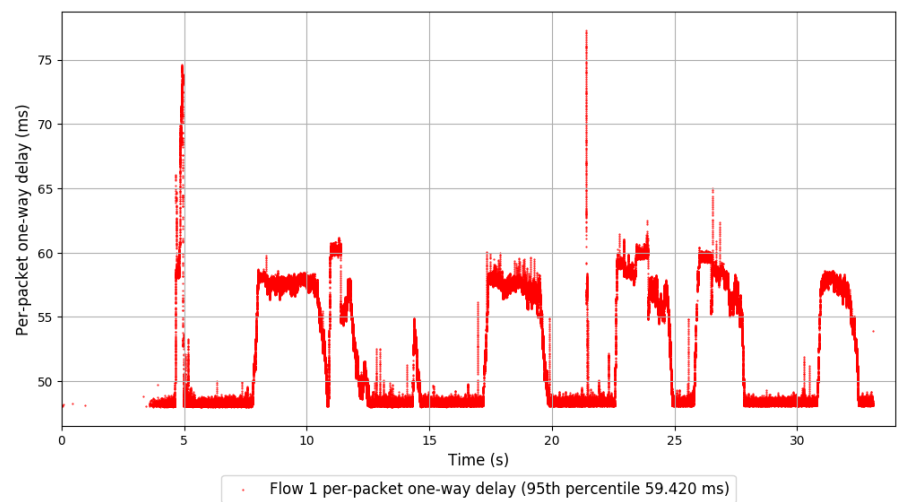
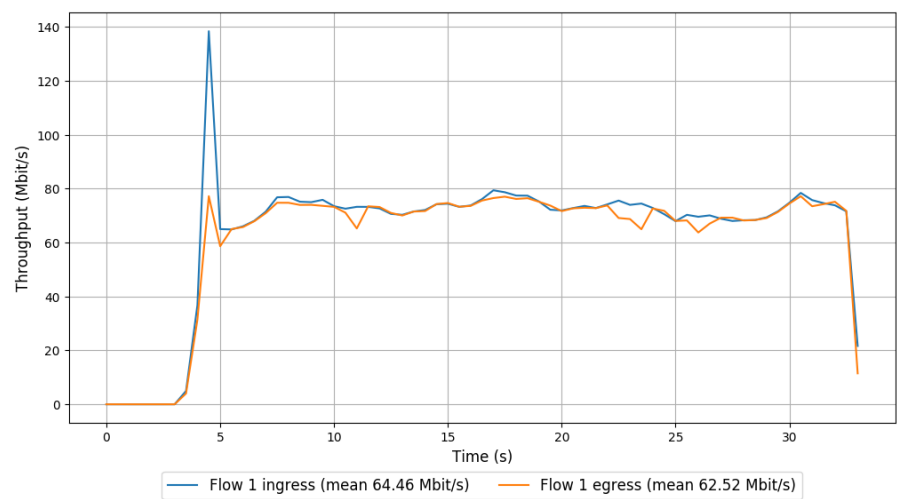
-- Flow 1:

Average throughput: 62.52 Mbit/s

95th percentile per-packet one-way delay: 59.420 ms

Loss rate: 3.34%

Run 2: Report of PCC — Data Link



Run 3: Statistics of PCC

Start at: Thu, 29 Jun 2017 22:23:54 +0000

End at: Thu, 29 Jun 2017 22:24:24 +0000

Local clock offset: 0.573 ms

Remote clock offset: -7.221 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:19:32 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 61.54 Mbit/s

95th percentile per-packet one-way delay: 60.792 ms

Loss rate: 3.47%

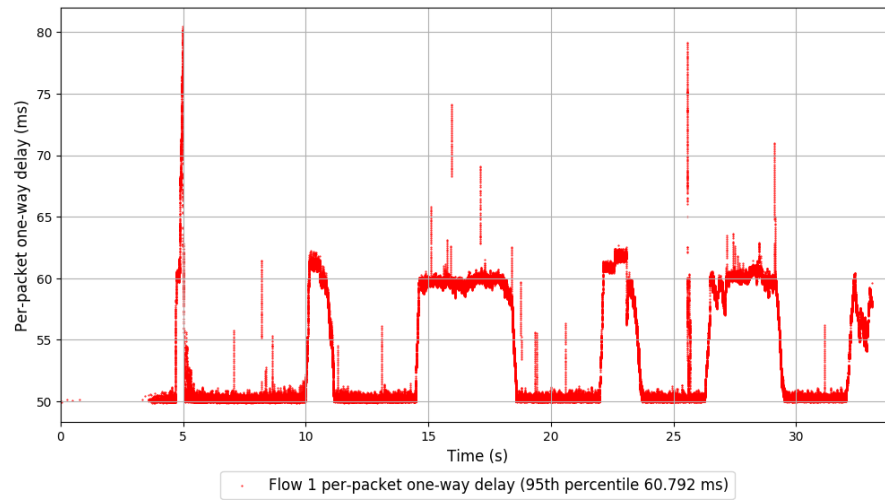
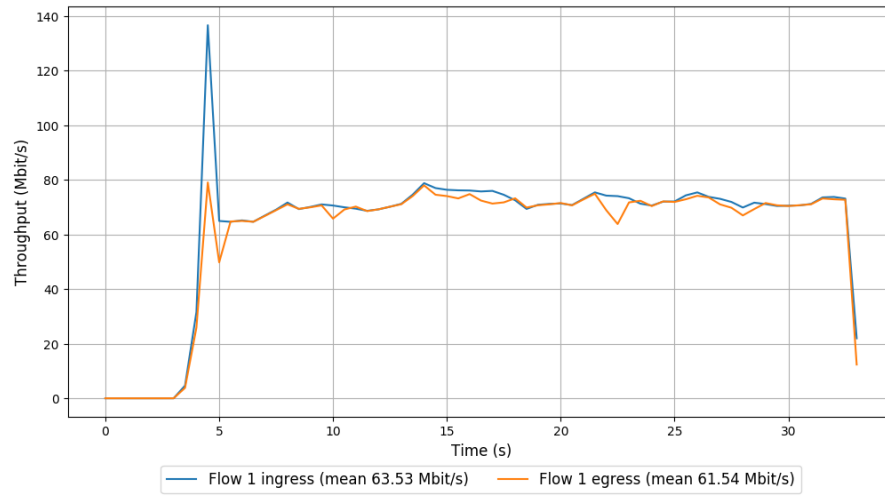
-- Flow 1:

Average throughput: 61.54 Mbit/s

95th percentile per-packet one-way delay: 60.792 ms

Loss rate: 3.47%

### Run 3: Report of PCC — Data Link



Run 4: Statistics of PCC

Start at: Thu, 29 Jun 2017 22:41:19 +0000

End at: Thu, 29 Jun 2017 22:41:49 +0000

Local clock offset: 0.599 ms

Remote clock offset: -5.295 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:19:35 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 62.56 Mbit/s

95th percentile per-packet one-way delay: 63.233 ms

Loss rate: 3.59%

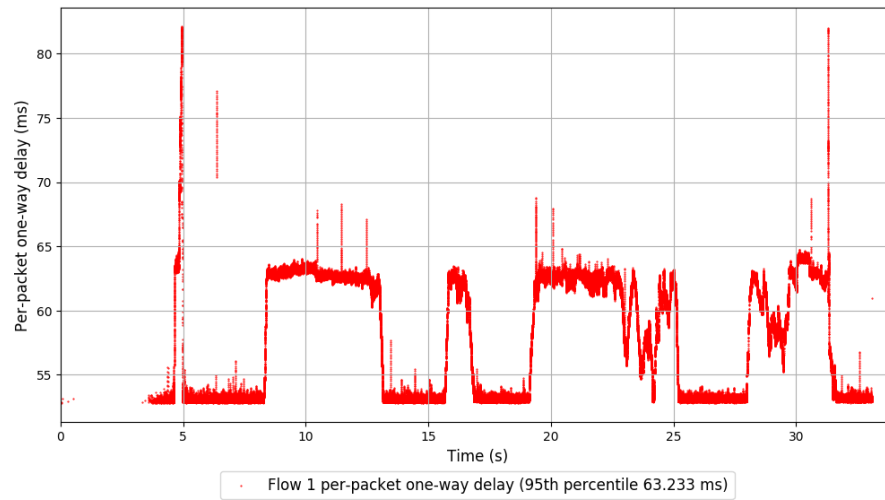
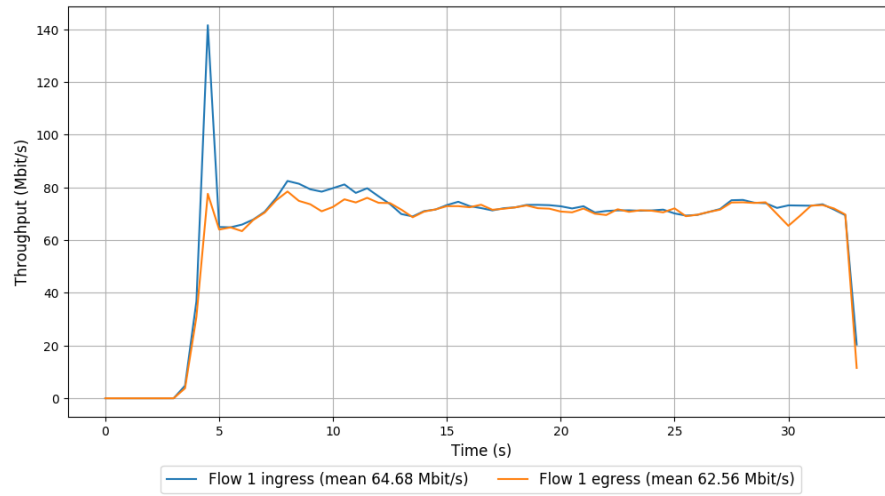
-- Flow 1:

Average throughput: 62.56 Mbit/s

95th percentile per-packet one-way delay: 63.233 ms

Loss rate: 3.59%

#### Run 4: Report of PCC — Data Link



Run 5: Statistics of PCC

Start at: Thu, 29 Jun 2017 22:58:43 +0000

End at: Thu, 29 Jun 2017 22:59:13 +0000

Local clock offset: 0.556 ms

Remote clock offset: -3.276 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:19:41 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 61.65 Mbit/s

95th percentile per-packet one-way delay: 65.006 ms

Loss rate: 3.65%

-- Flow 1:

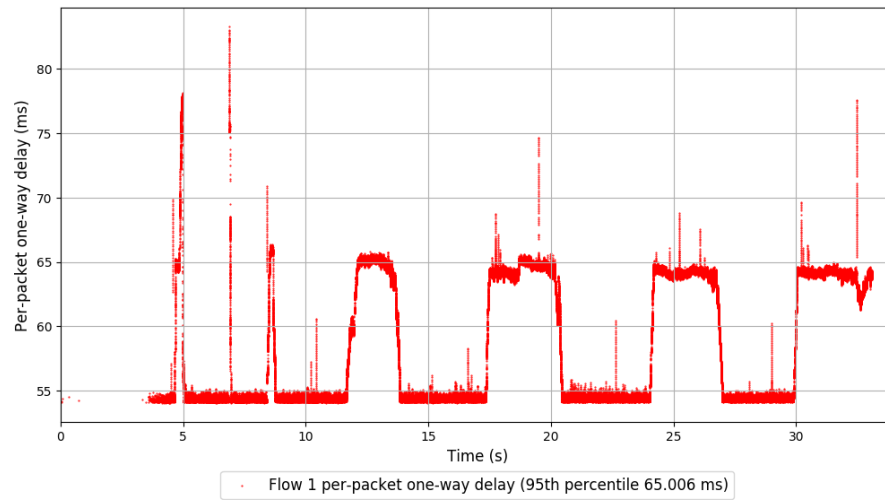
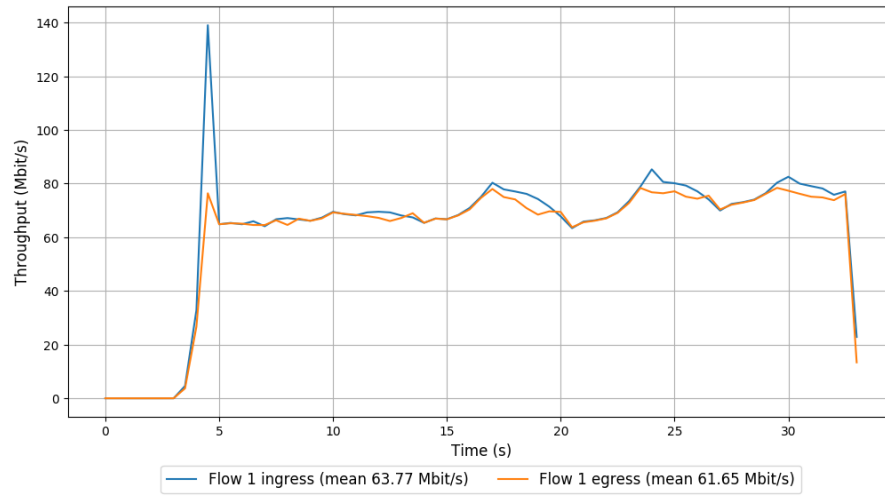
Average throughput: 61.65 Mbit/s

95th percentile per-packet one-way delay: 65.006 ms

Loss rate: 3.65%



### Run 5: Report of PCC — Data Link



Run 6: Statistics of PCC

Start at: Thu, 29 Jun 2017 23:15:59 +0000

End at: Thu, 29 Jun 2017 23:16:29 +0000

Local clock offset: 0.511 ms

Remote clock offset: -2.483 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:19:45 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 59.34 Mbit/s

95th percentile per-packet one-way delay: 66.260 ms

Loss rate: 3.59%

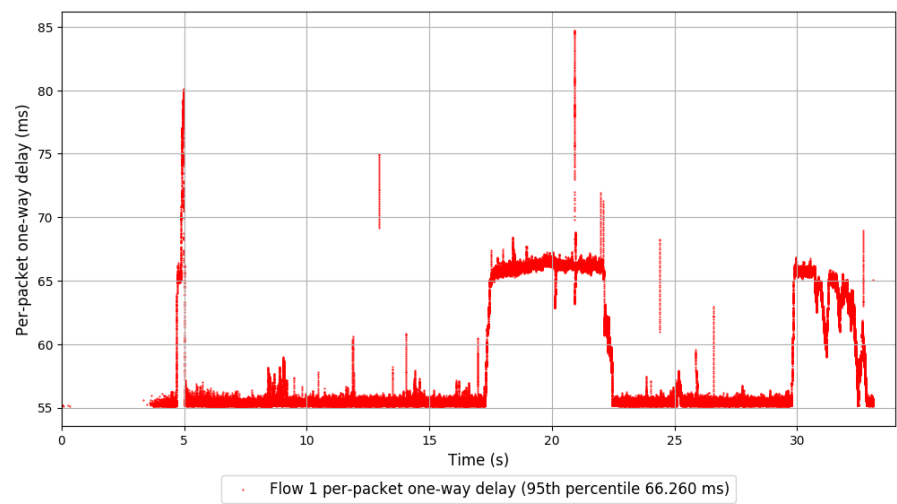
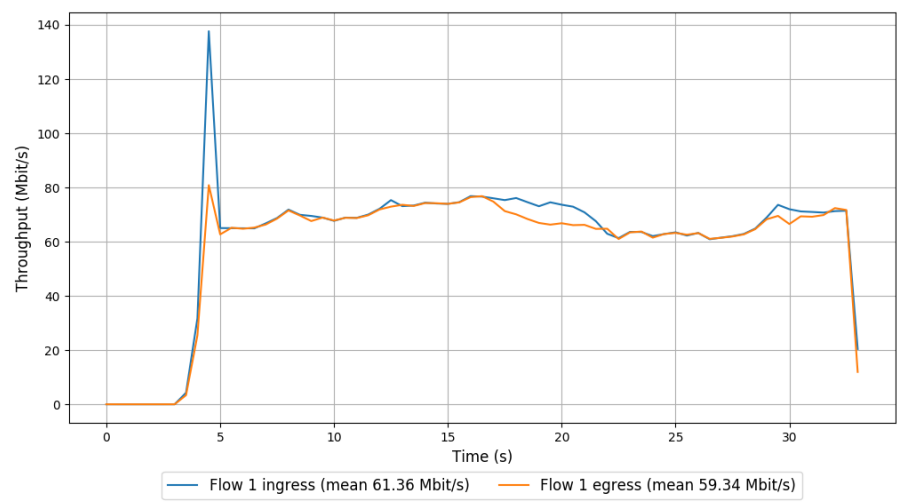
-- Flow 1:

Average throughput: 59.34 Mbit/s

95th percentile per-packet one-way delay: 66.260 ms

Loss rate: 3.59%

Run 6: Report of PCC — Data Link



Run 7: Statistics of PCC

Start at: Thu, 29 Jun 2017 23:33:25 +0000

End at: Thu, 29 Jun 2017 23:33:55 +0000

Local clock offset: 0.498 ms

Remote clock offset: -1.498 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:19:53 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 62.92 Mbit/s

95th percentile per-packet one-way delay: 66.214 ms

Loss rate: 2.52%

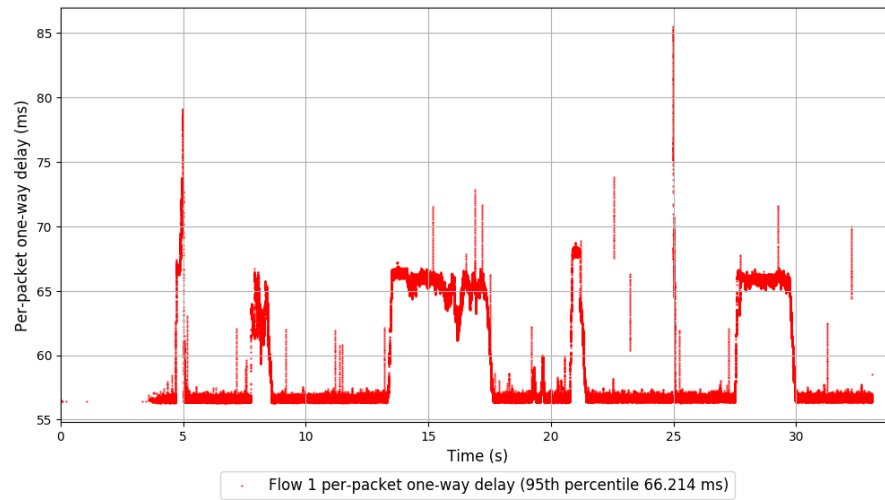
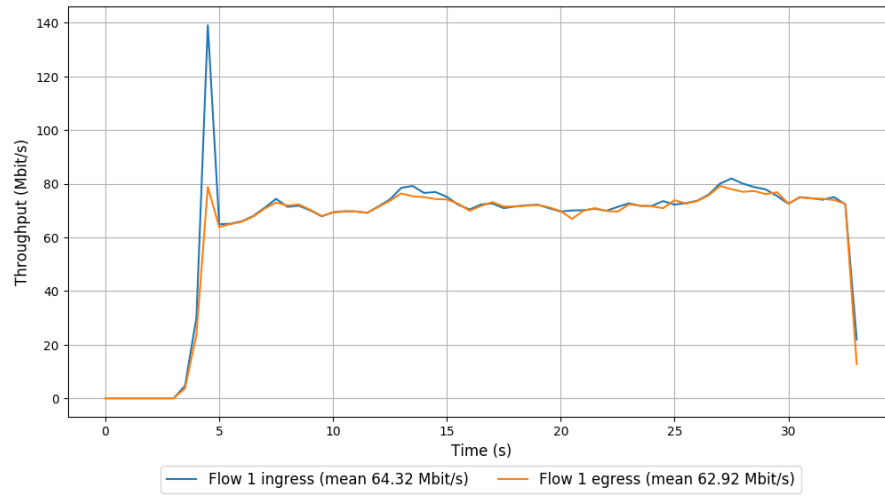
-- Flow 1:

Average throughput: 62.92 Mbit/s

95th percentile per-packet one-way delay: 66.214 ms

Loss rate: 2.52%

## Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

Start at: Thu, 29 Jun 2017 23:50:41 +0000

End at: Thu, 29 Jun 2017 23:51:11 +0000

Local clock offset: 0.396 ms

Remote clock offset: -1.101 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:19:54 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 58.36 Mbit/s

95th percentile per-packet one-way delay: 67.437 ms

Loss rate: 3.80%

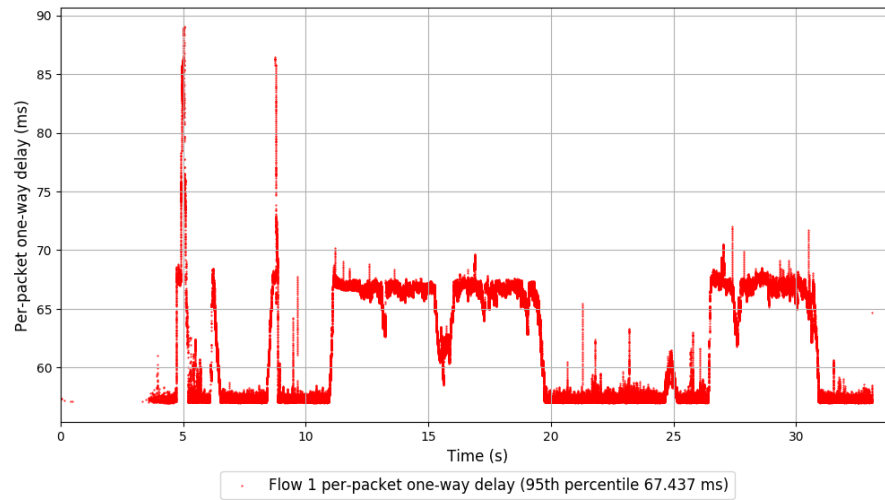
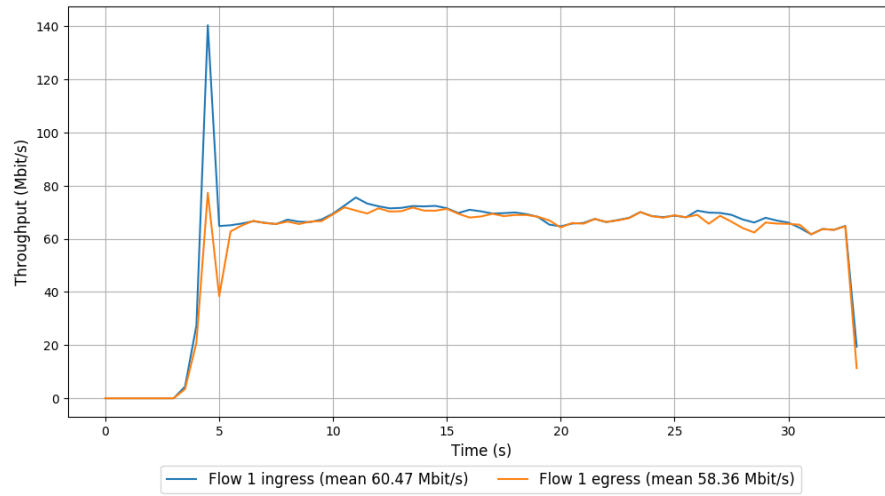
-- Flow 1:

Average throughput: 58.36 Mbit/s

95th percentile per-packet one-way delay: 67.437 ms

Loss rate: 3.80%

## Run 8: Report of PCC — Data Link



Run 9: Statistics of PCC

Start at: Fri, 30 Jun 2017 00:08:06 +0000

End at: Fri, 30 Jun 2017 00:08:36 +0000

Local clock offset: 0.339 ms

Remote clock offset: -1.322 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:20:04 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 64.59 Mbit/s

95th percentile per-packet one-way delay: 66.222 ms

Loss rate: 3.26%

-- Flow 1:

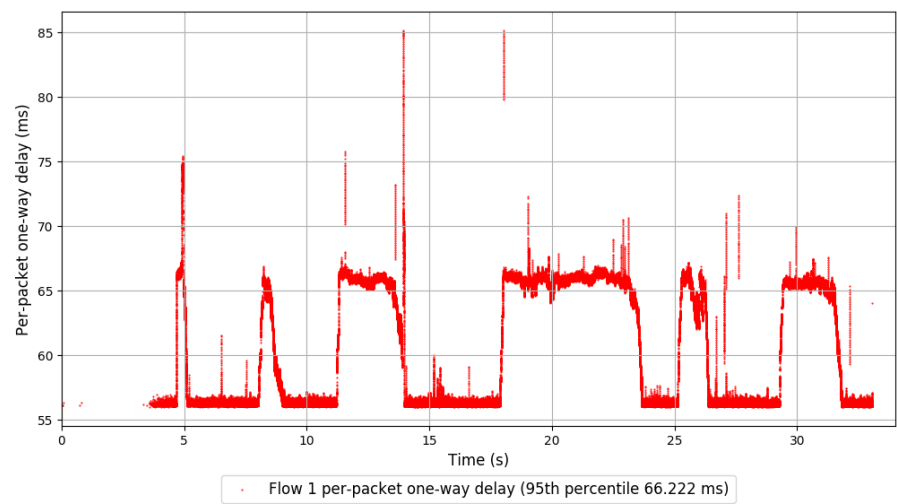
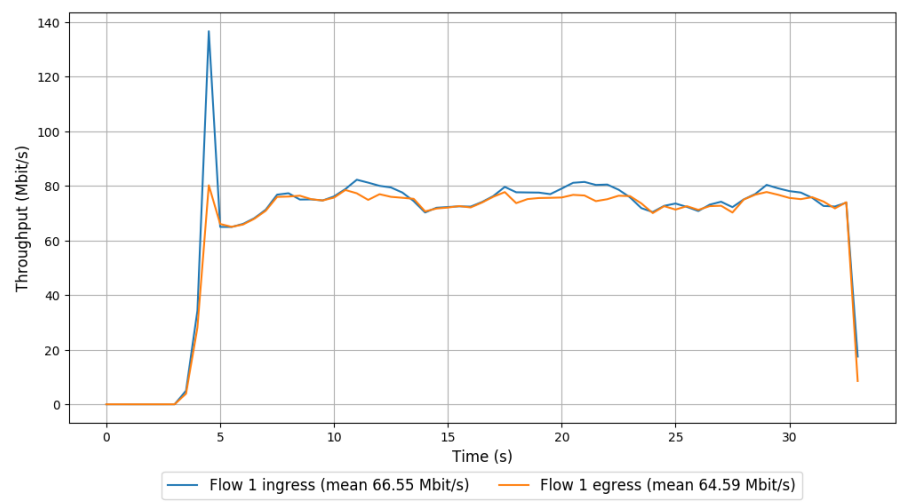
Average throughput: 64.59 Mbit/s

95th percentile per-packet one-way delay: 66.222 ms

Loss rate: 3.26%



Run 9: Report of PCC — Data Link



Run 10: Statistics of PCC

Start at: Fri, 30 Jun 2017 00:25:33 +0000

End at: Fri, 30 Jun 2017 00:26:03 +0000

Local clock offset: 0.279 ms

Remote clock offset: -1.695 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:20:04 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 61.85 Mbit/s

95th percentile per-packet one-way delay: 67.153 ms

Loss rate: 4.06%

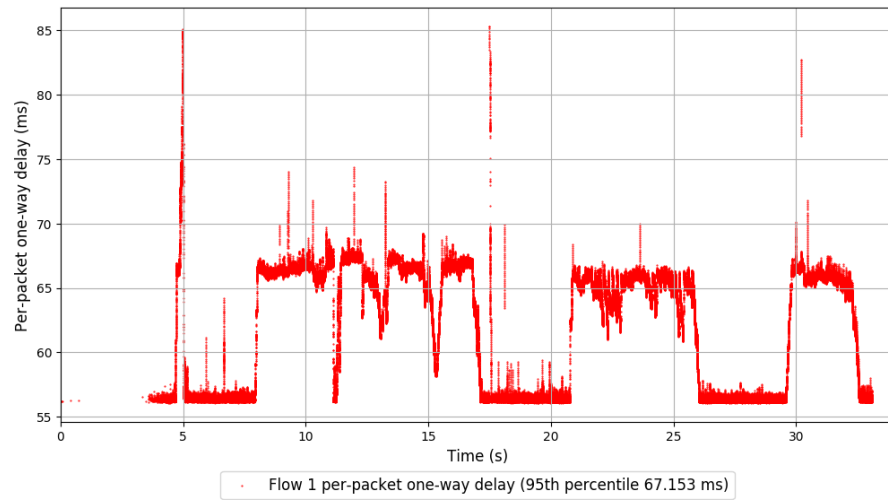
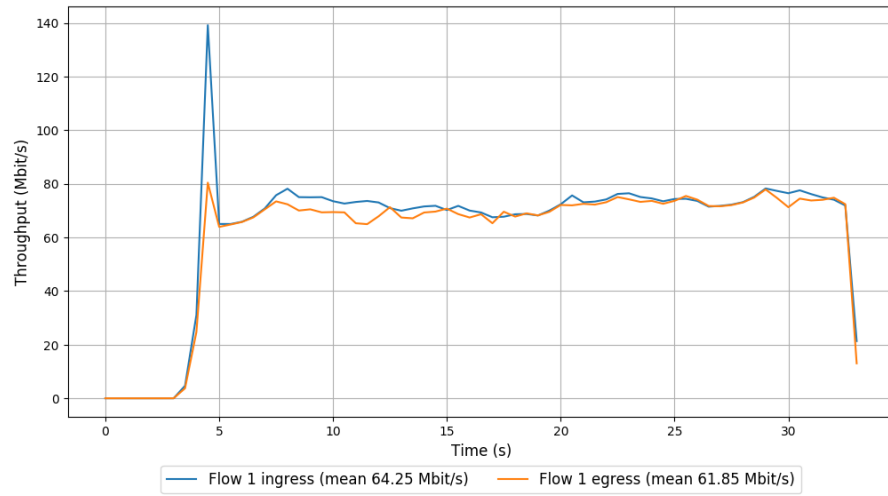
-- Flow 1:

Average throughput: 61.85 Mbit/s

95th percentile per-packet one-way delay: 67.153 ms

Loss rate: 4.06%

# Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic (toy)

Start at: Thu, 29 Jun 2017 21:52:19 +0000

End at: Thu, 29 Jun 2017 21:52:49 +0000

Local clock offset: 0.629 ms

Remote clock offset: -11.281 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:20:07 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 16.82 Mbit/s

95th percentile per-packet one-way delay: 53.711 ms

Loss rate: 3.89%

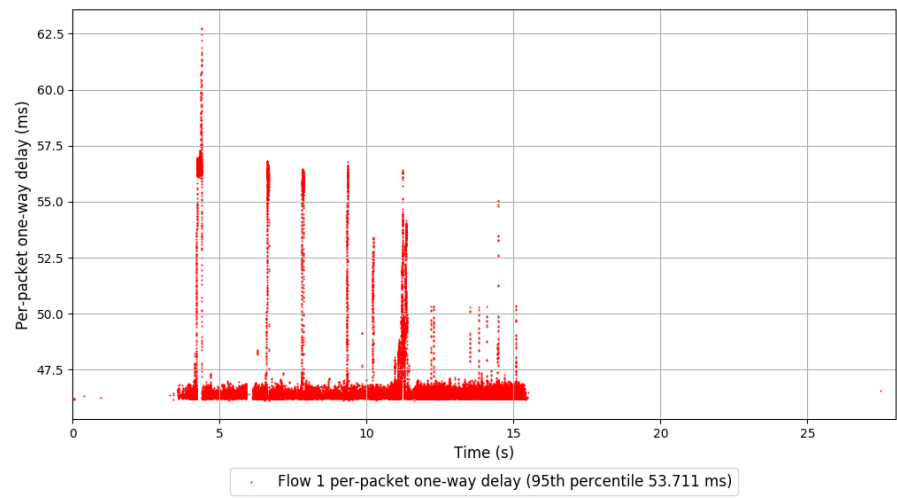
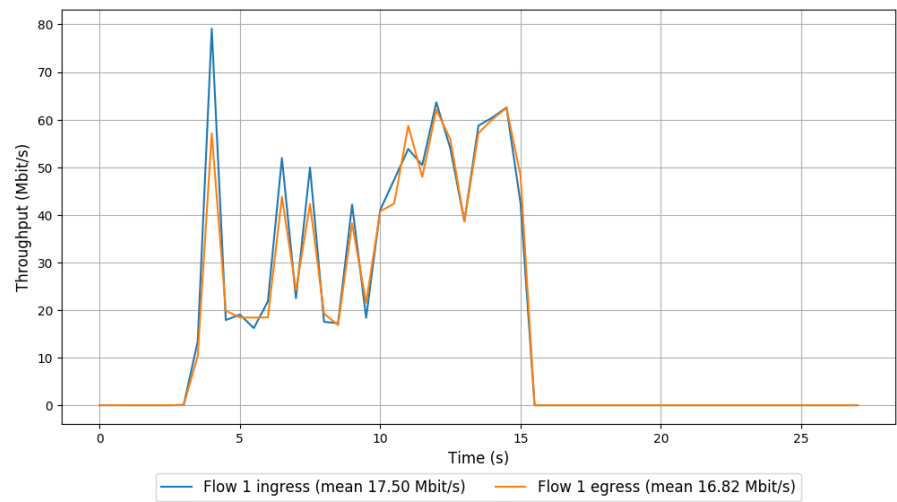
-- Flow 1:

Average throughput: 16.82 Mbit/s

95th percentile per-packet one-way delay: 53.711 ms

Loss rate: 3.89%

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



Run 2: Statistics of QUIC Cubic (toy)

Start at: Thu, 29 Jun 2017 22:09:52 +0000

End at: Thu, 29 Jun 2017 22:10:22 +0000

Local clock offset: 0.681 ms

Remote clock offset: -8.534 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:20:07 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 17.43 Mbit/s

95th percentile per-packet one-way delay: 49.398 ms

Loss rate: 1.18%

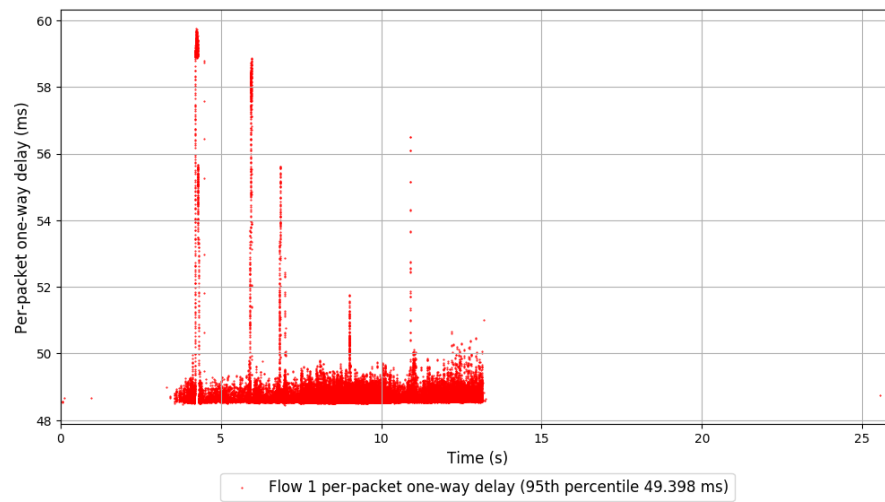
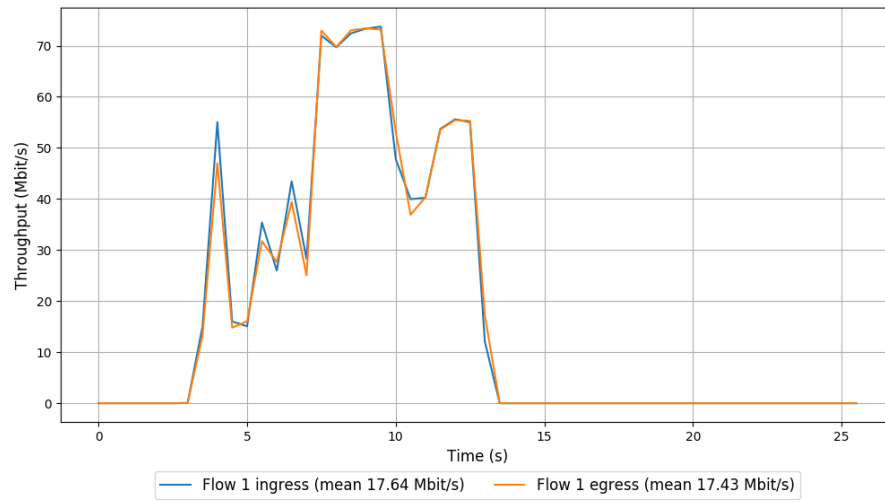
-- Flow 1:

Average throughput: 17.43 Mbit/s

95th percentile per-packet one-way delay: 49.398 ms

Loss rate: 1.18%

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



Run 3: Statistics of QUIC Cubic (toy)

Start at: Thu, 29 Jun 2017 22:27:18 +0000

End at: Thu, 29 Jun 2017 22:27:48 +0000

Local clock offset: 0.603 ms

Remote clock offset: -6.604 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:20:10 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 16.89 Mbit/s

95th percentile per-packet one-way delay: 59.614 ms

Loss rate: 4.08%

-- Flow 1:

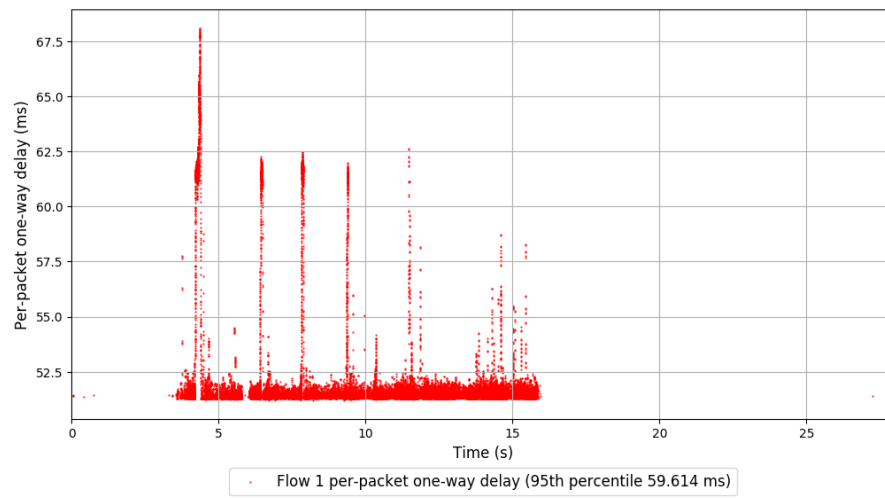
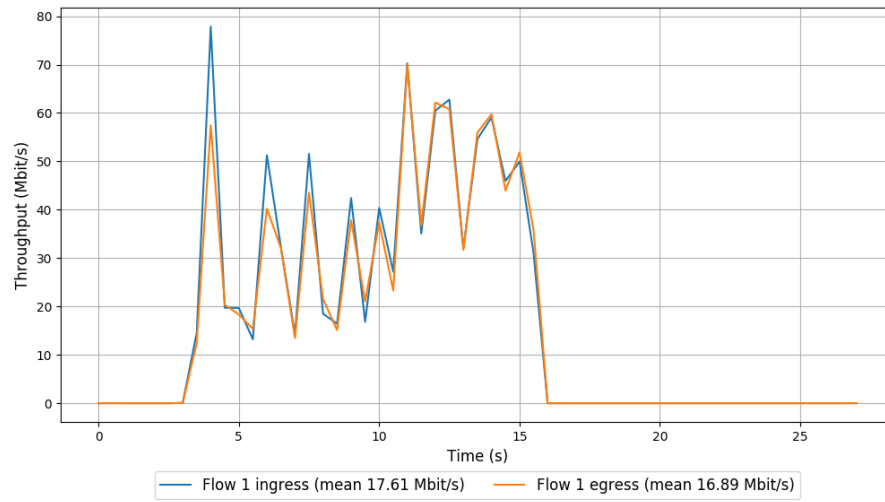
Average throughput: 16.89 Mbit/s

95th percentile per-packet one-way delay: 59.614 ms

Loss rate: 4.08%



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



Run 4: Statistics of QUIC Cubic (toy)

Start at: Thu, 29 Jun 2017 22:44:42 +0000

End at: Thu, 29 Jun 2017 22:45:12 +0000

Local clock offset: 0.597 ms

Remote clock offset: -4.454 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:20:10 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 16.28 Mbit/s

95th percentile per-packet one-way delay: 55.980 ms

Loss rate: 3.35%

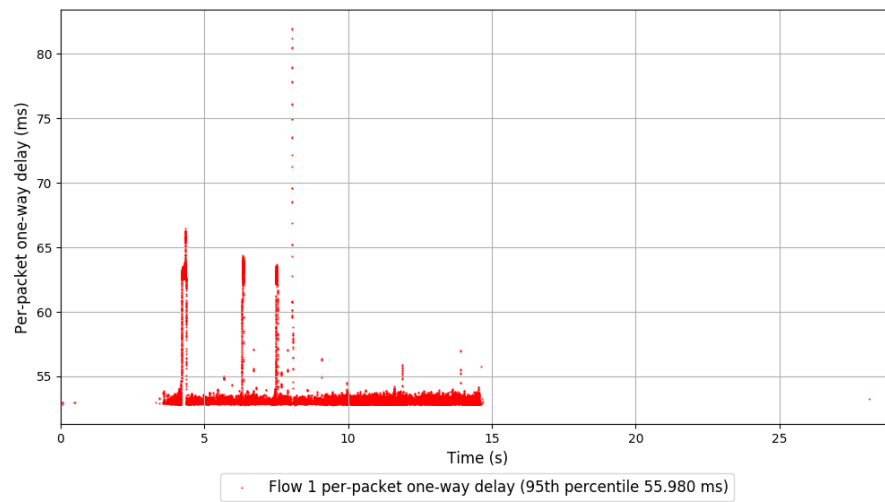
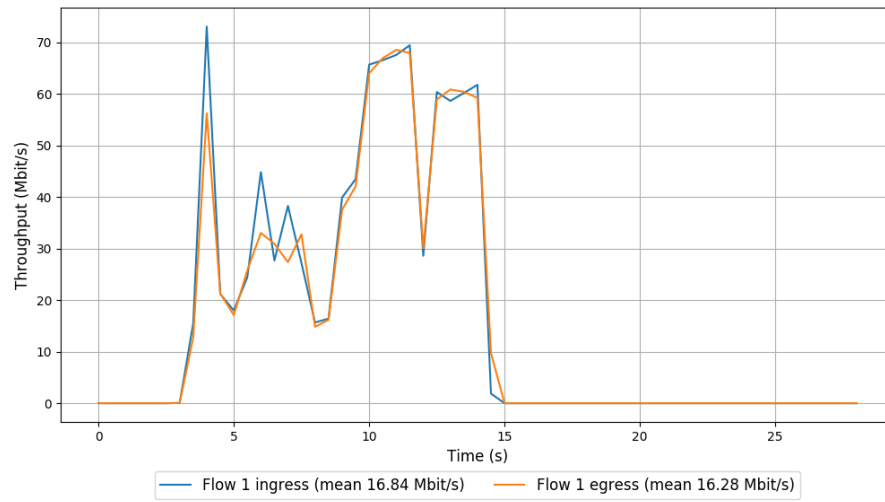
-- Flow 1:

Average throughput: 16.28 Mbit/s

95th percentile per-packet one-way delay: 55.980 ms

Loss rate: 3.35%

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



Run 5: Statistics of QUIC Cubic (toy)

Start at: Thu, 29 Jun 2017 23:02:06 +0000

End at: Thu, 29 Jun 2017 23:02:36 +0000

Local clock offset: 0.583 ms

Remote clock offset: -3.005 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:20:13 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 16.55 Mbit/s

95th percentile per-packet one-way delay: 56.338 ms

Loss rate: 0.93%

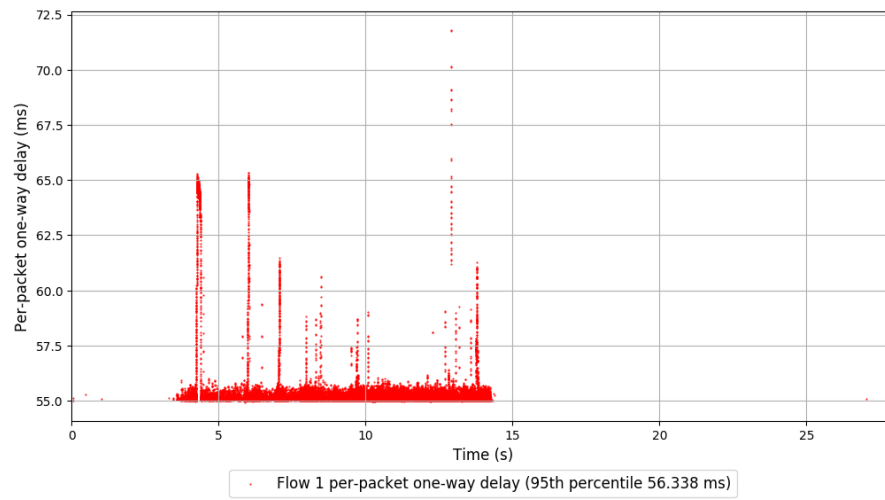
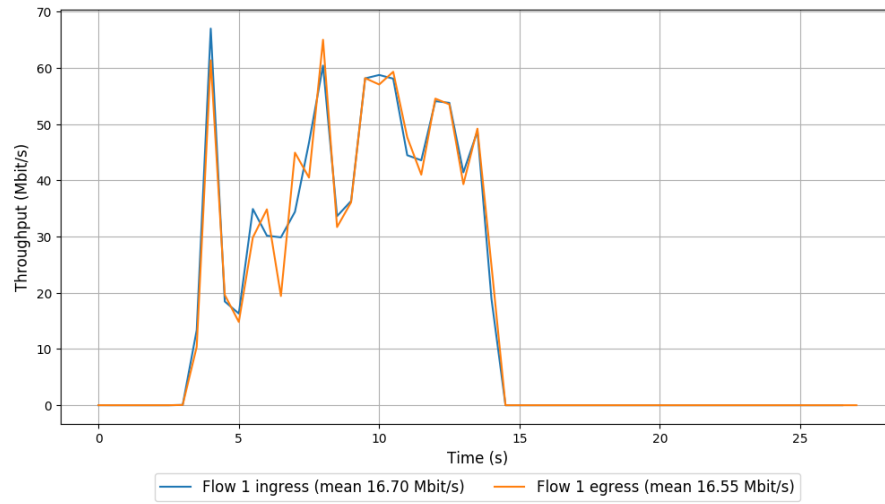
-- Flow 1:

Average throughput: 16.55 Mbit/s

95th percentile per-packet one-way delay: 56.338 ms

Loss rate: 0.93%

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



Run 6: Statistics of QUIC Cubic (toy)

Start at: Thu, 29 Jun 2017 23:19:22 +0000

End at: Thu, 29 Jun 2017 23:19:52 +0000

Local clock offset: 0.481 ms

Remote clock offset: -2.197 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:20:13 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 14.91 Mbit/s

95th percentile per-packet one-way delay: 63.654 ms

Loss rate: 1.51%

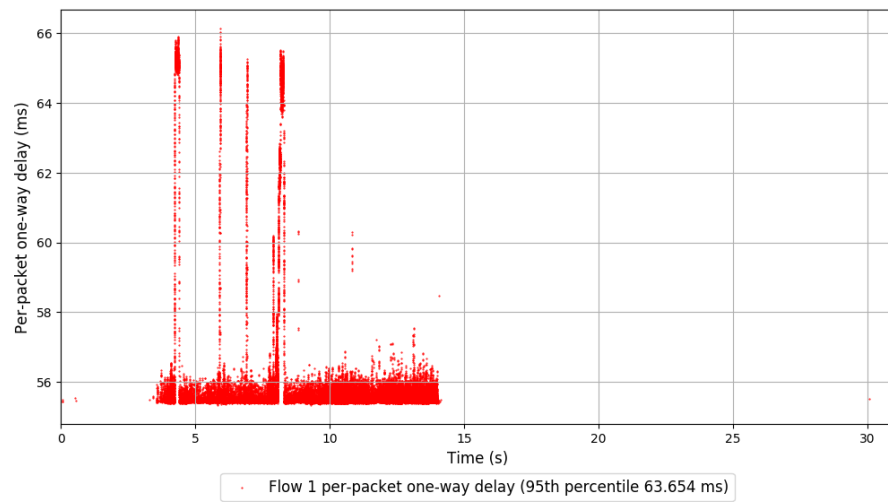
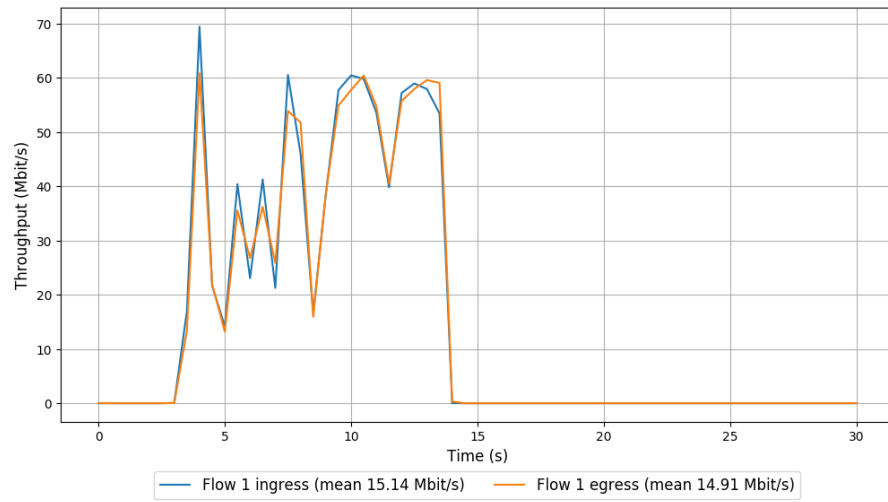
-- Flow 1:

Average throughput: 14.91 Mbit/s

95th percentile per-packet one-way delay: 63.654 ms

Loss rate: 1.51%

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



Run 7: Statistics of QUIC Cubic (toy)

Start at: Thu, 29 Jun 2017 23:36:48 +0000

End at: Thu, 29 Jun 2017 23:37:18 +0000

Local clock offset: 0.395 ms

Remote clock offset: -1.044 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:20:16 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 16.52 Mbit/s

95th percentile per-packet one-way delay: 57.904 ms

Loss rate: 0.39%

-- Flow 1:

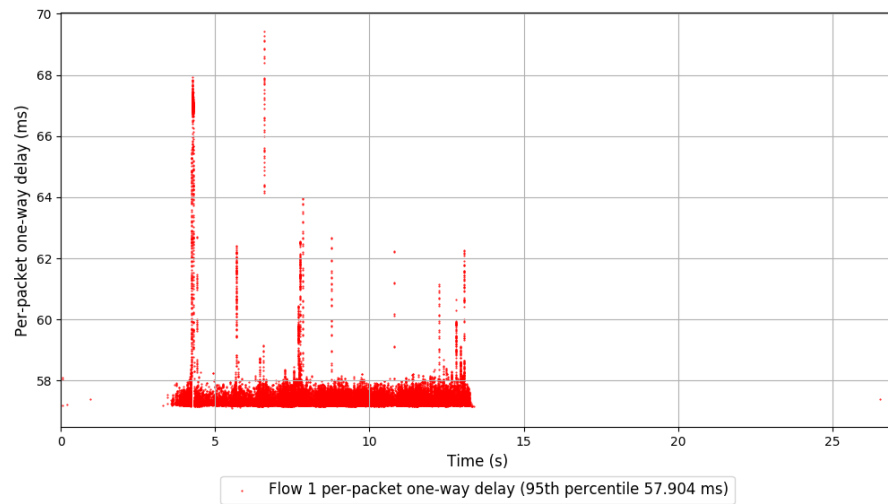
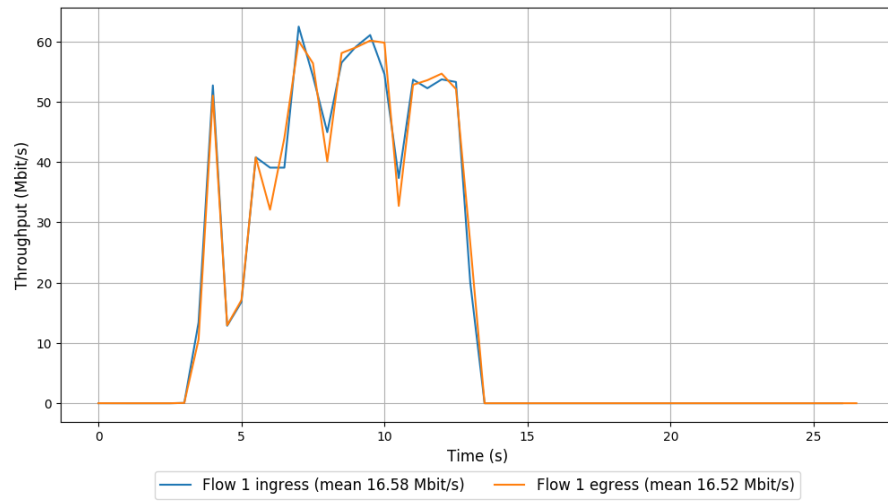
Average throughput: 16.52 Mbit/s

95th percentile per-packet one-way delay: 57.904 ms

Loss rate: 0.39%



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



Run 8: Statistics of QUIC Cubic (toy)

Start at: Thu, 29 Jun 2017 23:54:04 +0000

End at: Thu, 29 Jun 2017 23:54:34 +0000

Local clock offset: 0.449 ms

Remote clock offset: -0.97 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:20:16 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 17.45 Mbit/s

95th percentile per-packet one-way delay: 57.544 ms

Loss rate: 1.08%

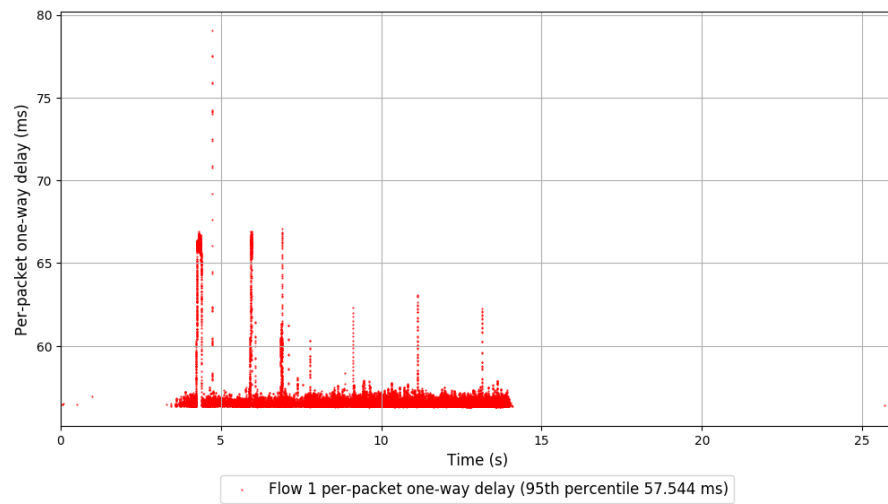
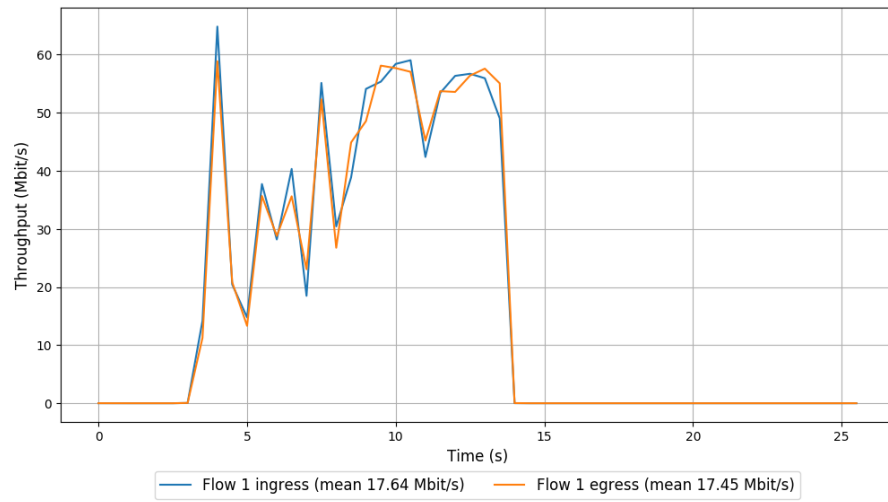
-- Flow 1:

Average throughput: 17.45 Mbit/s

95th percentile per-packet one-way delay: 57.544 ms

Loss rate: 1.08%

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



Run 9: Statistics of QUIC Cubic (toy)

Start at: Fri, 30 Jun 2017 00:11:29 +0000

End at: Fri, 30 Jun 2017 00:12:00 +0000

Local clock offset: 0.314 ms

Remote clock offset: -1.946 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:20:18 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 16.95 Mbit/s

95th percentile per-packet one-way delay: 57.456 ms

Loss rate: 0.69%

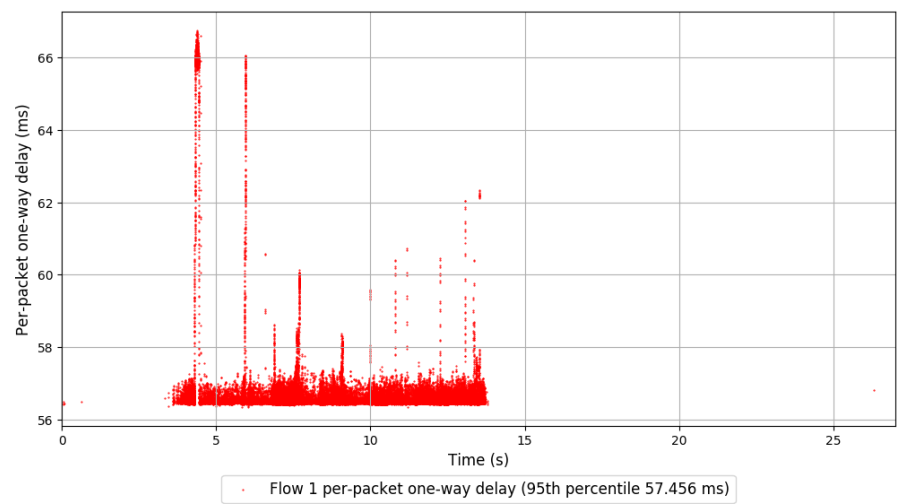
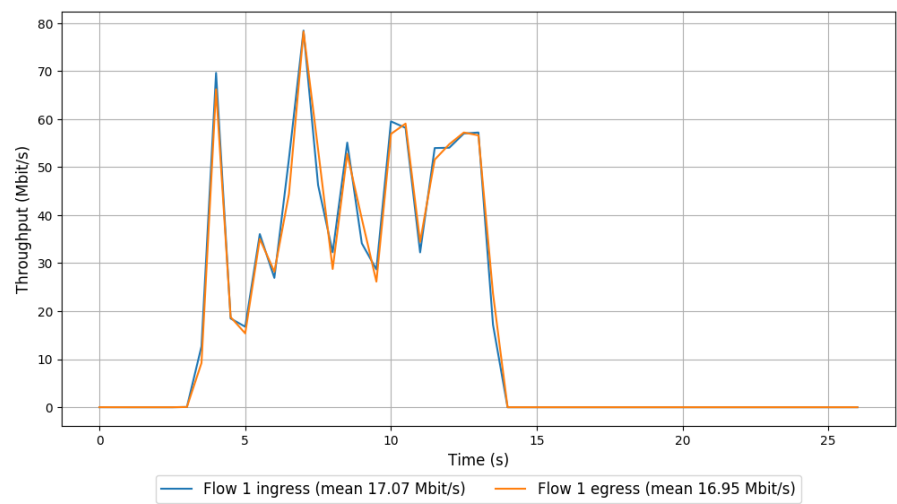
-- Flow 1:

Average throughput: 16.95 Mbit/s

95th percentile per-packet one-way delay: 57.456 ms

Loss rate: 0.69%

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



Run 10: Statistics of QUIC Cubic (toy)

Start at: Fri, 30 Jun 2017 00:28:56 +0000

End at: Fri, 30 Jun 2017 00:29:26 +0000

Local clock offset: 0.329 ms

Remote clock offset: -2.132 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:20:19 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 13.84 Mbit/s

95th percentile per-packet one-way delay: 58.173 ms

Loss rate: 1.52%

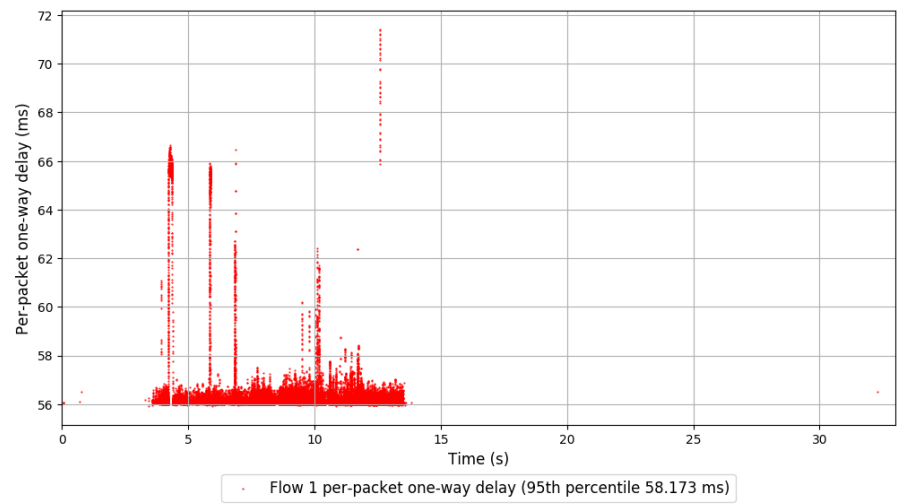
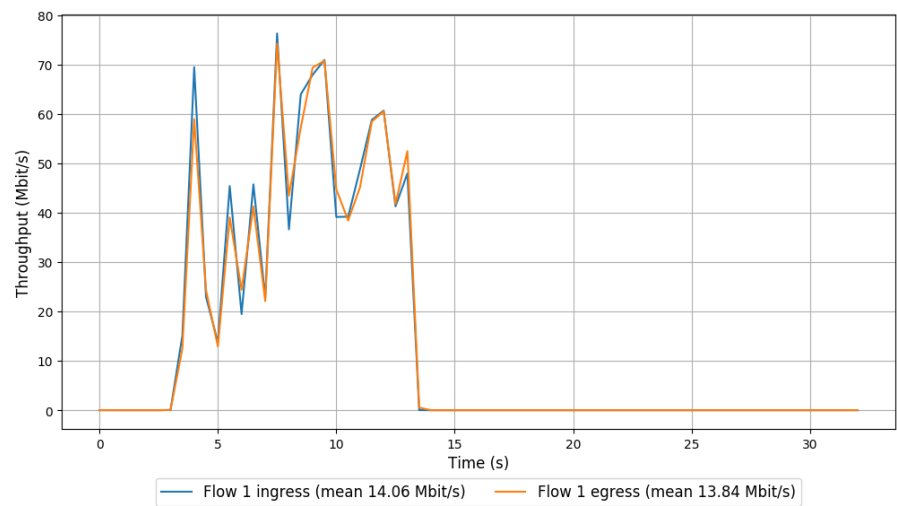
-- Flow 1:

Average throughput: 13.84 Mbit/s

95th percentile per-packet one-way delay: 58.173 ms

Loss rate: 1.52%

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



Run 1: Statistics of Saturator

Start at: Thu, 29 Jun 2017 21:58:05 +0000

End at: Thu, 29 Jun 2017 21:58:35 +0000

Local clock offset: 0.654 ms

Remote clock offset: -10.914 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:20:21 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 20.24 Mbit/s

95th percentile per-packet one-way delay: 48.394 ms

Loss rate: 0.62%

-- Flow 1:

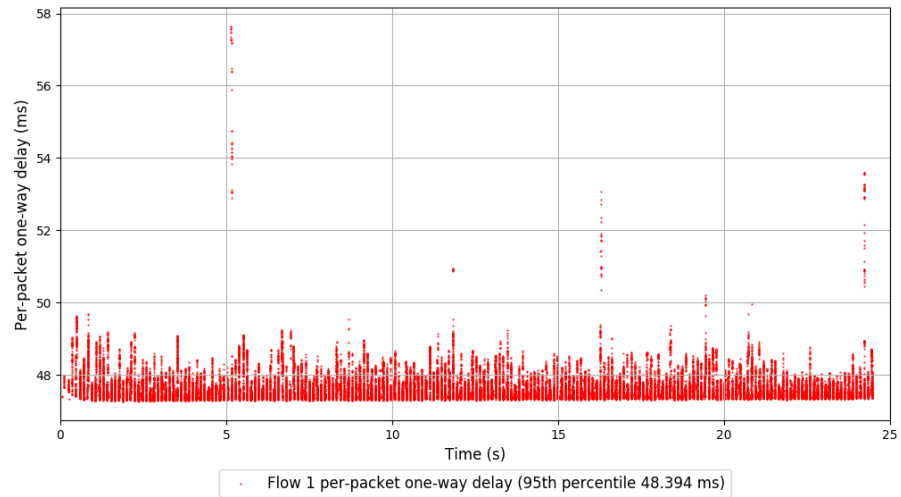
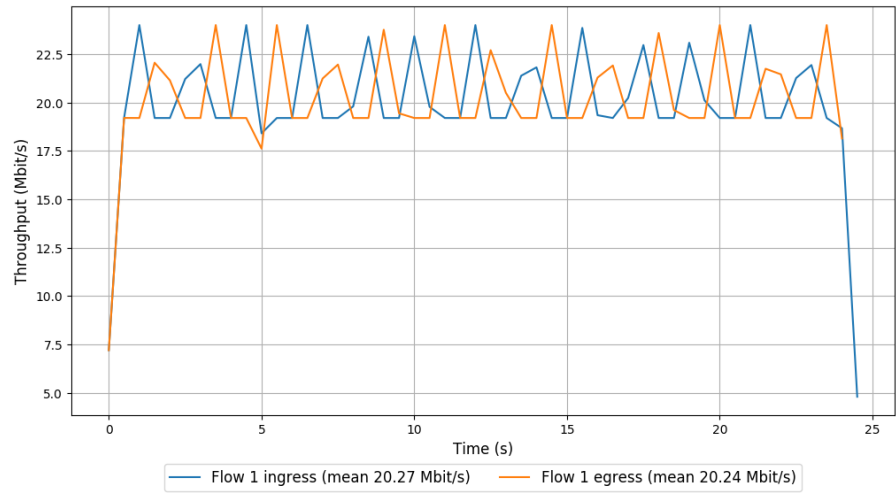
Average throughput: 20.24 Mbit/s

95th percentile per-packet one-way delay: 48.394 ms

Loss rate: 0.62%



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



Run 2: Statistics of Saturator

Start at: Thu, 29 Jun 2017 22:15:39 +0000

End at: Thu, 29 Jun 2017 22:16:09 +0000

Local clock offset: 0.608 ms

Remote clock offset: -8.423 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:20:22 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 18.32 Mbit/s

95th percentile per-packet one-way delay: 50.394 ms

Loss rate: 0.55%

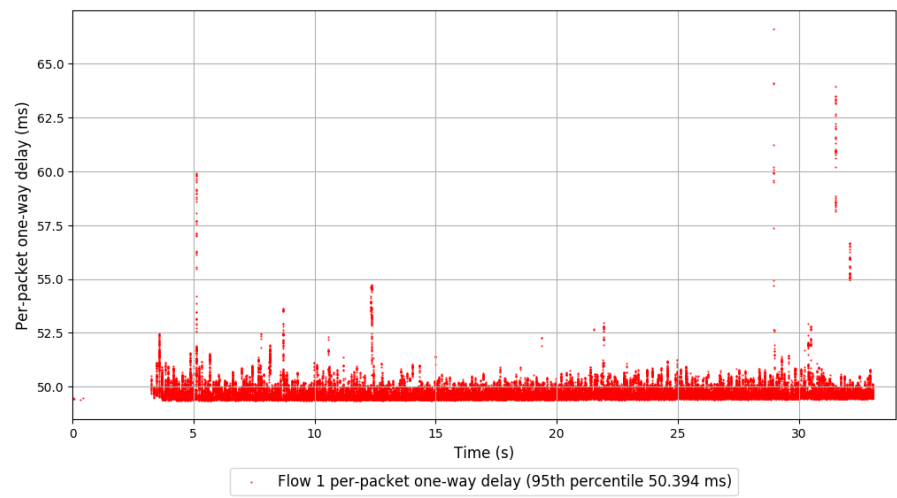
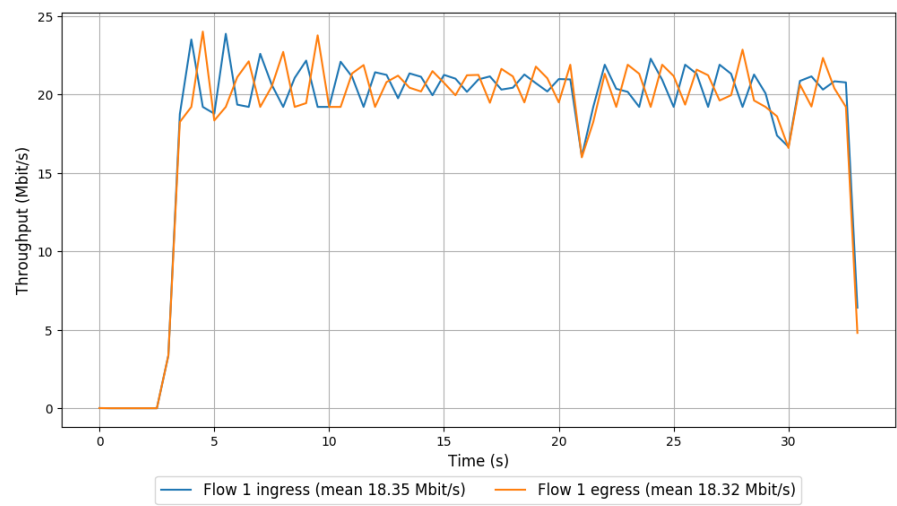
-- Flow 1:

Average throughput: 18.32 Mbit/s

95th percentile per-packet one-way delay: 50.394 ms

Loss rate: 0.55%

Run 2: Report of Saturator — Data Link



Run 3: Statistics of Saturator

Start at: Thu, 29 Jun 2017 22:33:05 +0000

End at: Thu, 29 Jun 2017 22:33:35 +0000

Local clock offset: 0.622 ms

Remote clock offset: -6.112 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:20:25 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 20.43 Mbit/s

95th percentile per-packet one-way delay: 51.882 ms

Loss rate: 0.55%

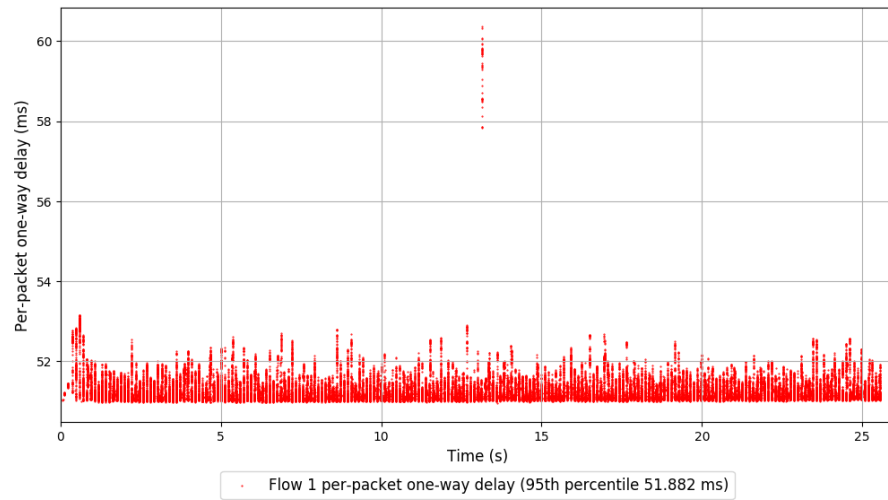
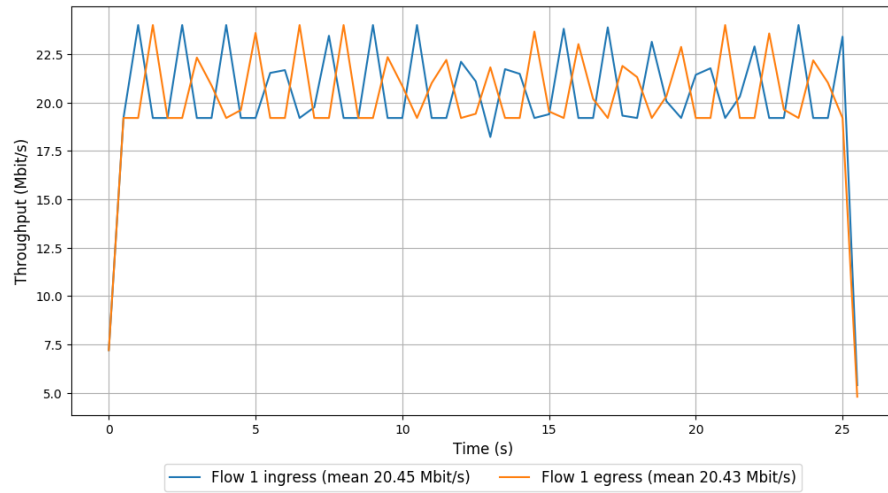
-- Flow 1:

Average throughput: 20.43 Mbit/s

95th percentile per-packet one-way delay: 51.882 ms

Loss rate: 0.55%

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



Run 4: Statistics of Saturator

Start at: Thu, 29 Jun 2017 22:50:29 +0000

End at: Thu, 29 Jun 2017 22:50:59 +0000

Local clock offset: 0.536 ms

Remote clock offset: -4.231 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:20:25 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 20.47 Mbit/s

95th percentile per-packet one-way delay: 54.462 ms

Loss rate: 0.50%

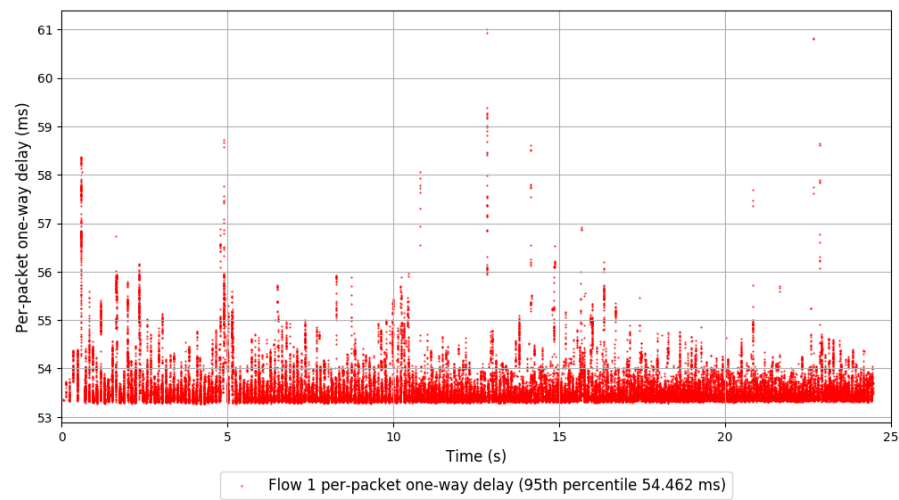
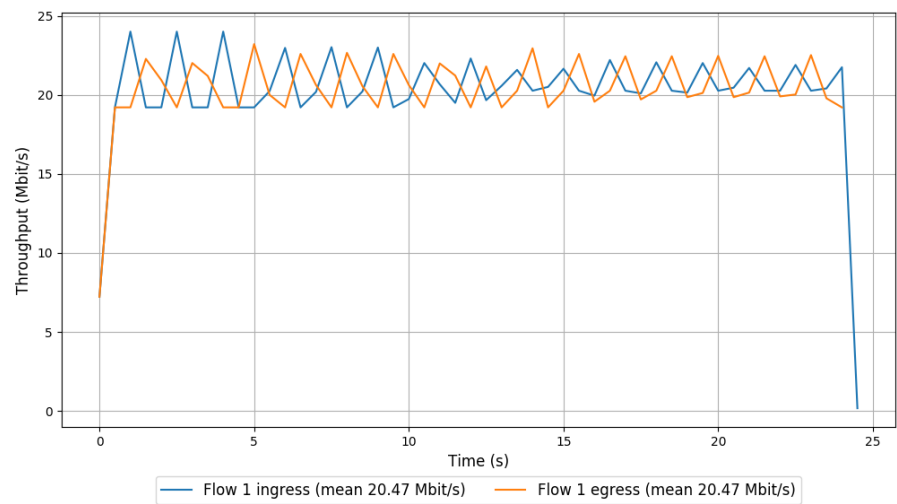
-- Flow 1:

Average throughput: 20.47 Mbit/s

95th percentile per-packet one-way delay: 54.462 ms

Loss rate: 0.50%

Run 4: Report of Saturator — Data Link



Run 5: Statistics of Saturator

Start at: Thu, 29 Jun 2017 23:07:44 +0000

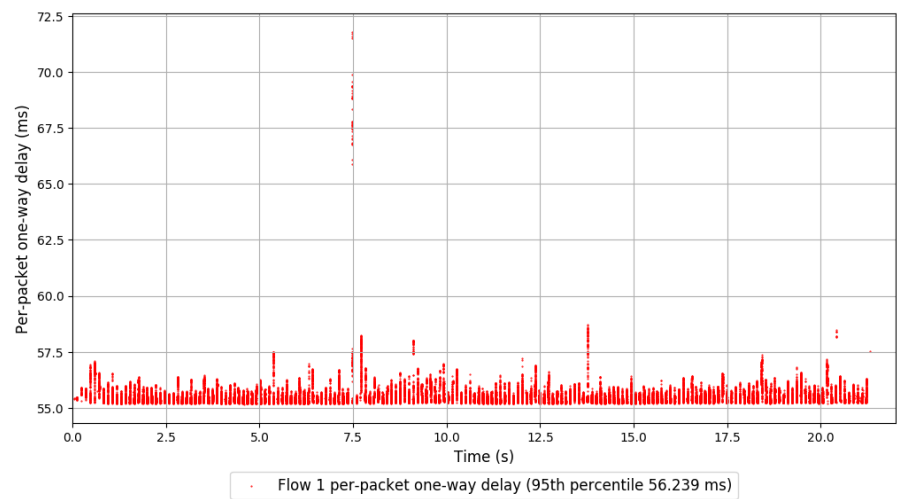
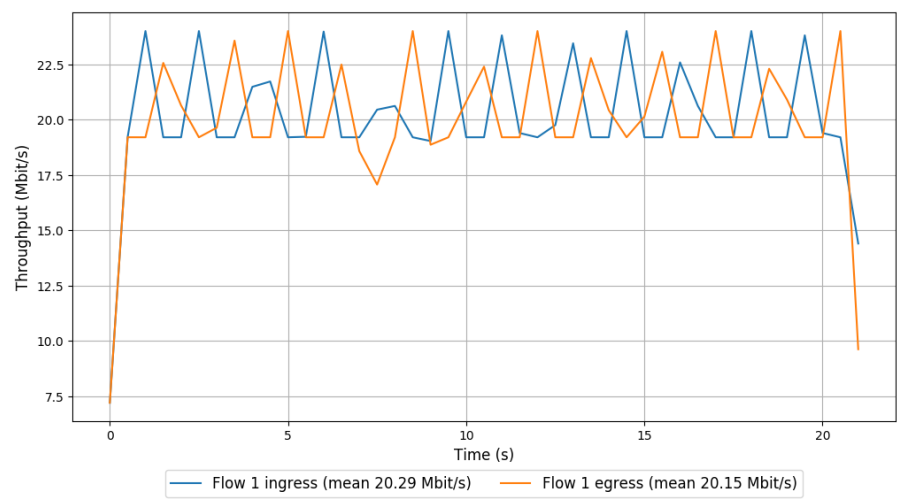
End at: Thu, 29 Jun 2017 23:08:14 +0000

Local clock offset: 0.489 ms

Remote clock offset: -2.883 ms



Run 5: Report of Saturator — Data Link



Run 6: Statistics of Saturator

Start at: Thu, 29 Jun 2017 23:25:10 +0000

End at: Thu, 29 Jun 2017 23:25:40 +0000

Local clock offset: 0.446 ms

Remote clock offset: -1.695 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:20:28 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 20.15 Mbit/s

95th percentile per-packet one-way delay: 57.206 ms

Loss rate: 0.46%

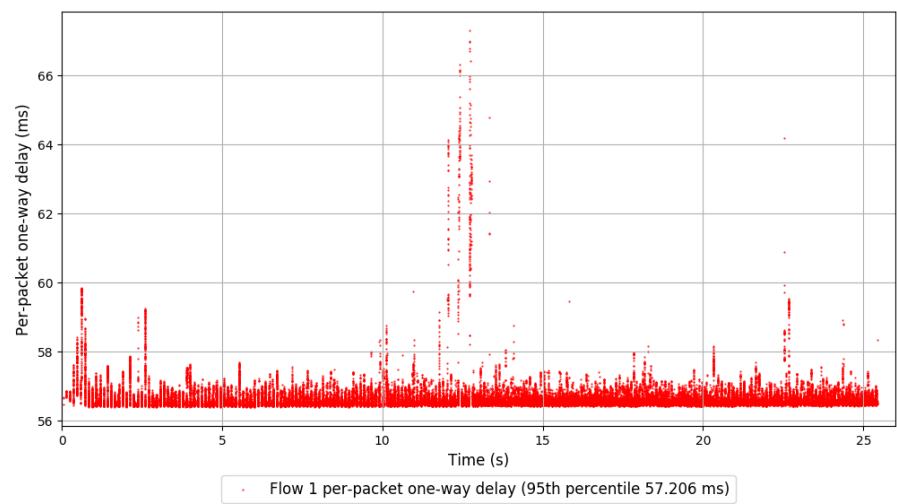
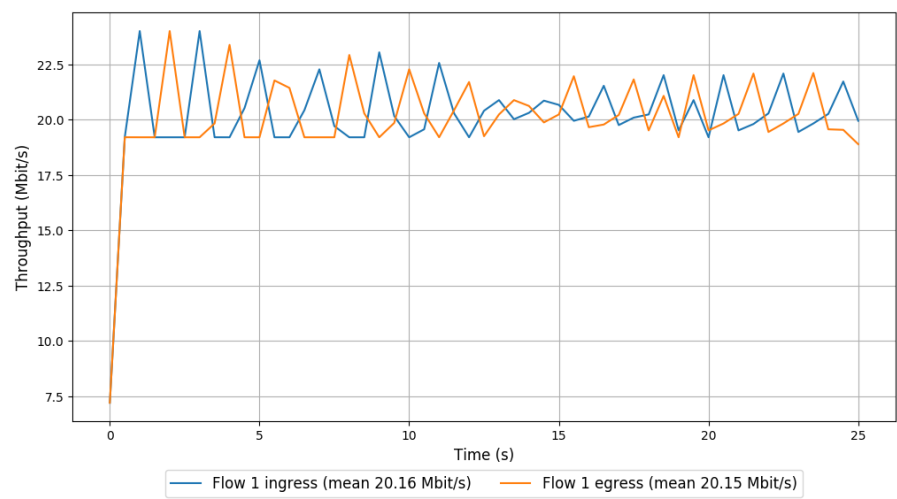
-- Flow 1:

Average throughput: 20.15 Mbit/s

95th percentile per-packet one-way delay: 57.206 ms

Loss rate: 0.46%

Run 6: Report of Saturator — Data Link



Run 7: Statistics of Saturator

Start at: Thu, 29 Jun 2017 23:42:37 +0000

End at: Thu, 29 Jun 2017 23:43:07 +0000

Local clock offset: 0.426 ms

Remote clock offset: -1.175 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:20:31 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 18.58 Mbit/s

95th percentile per-packet one-way delay: 57.830 ms

Loss rate: 0.63%

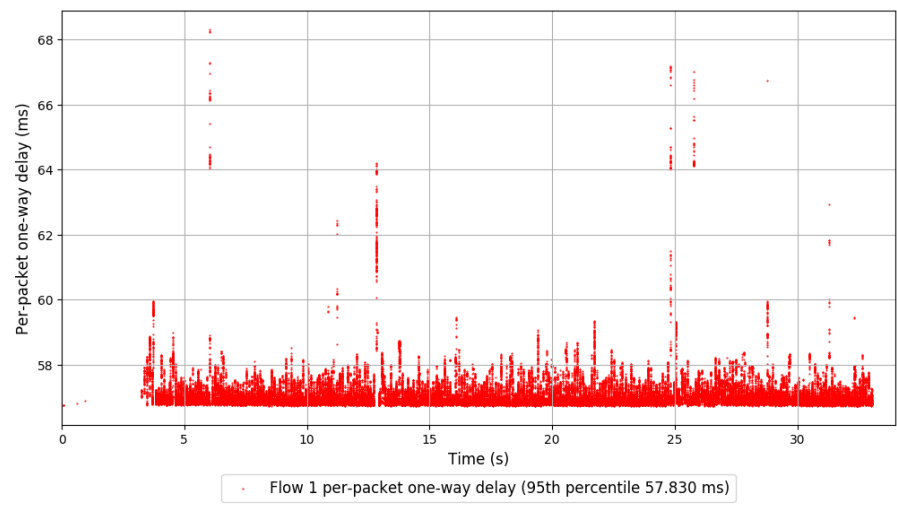
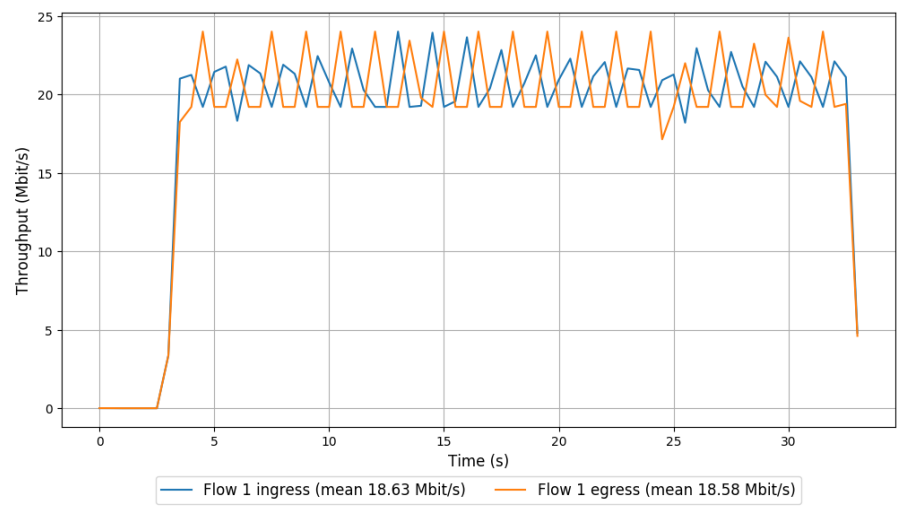
-- Flow 1:

Average throughput: 18.58 Mbit/s

95th percentile per-packet one-way delay: 57.830 ms

Loss rate: 0.63%

Run 7: Report of Saturator — Data Link



Run 8: Statistics of Saturator

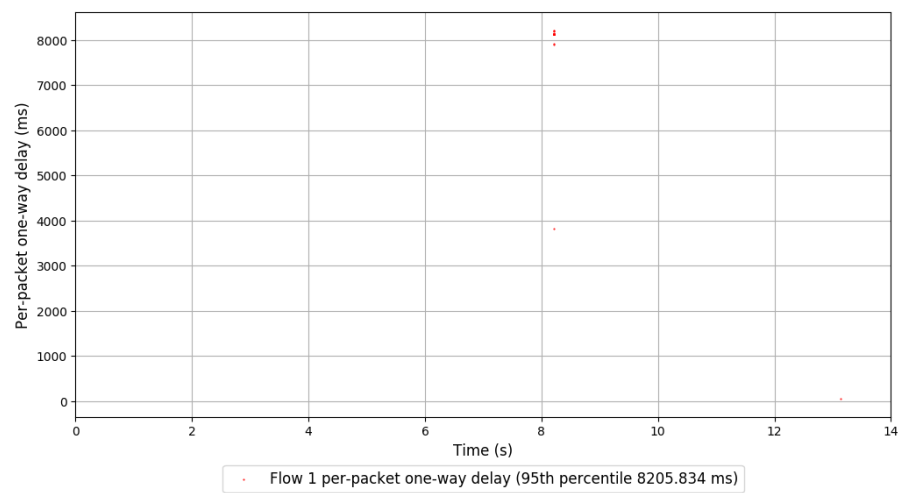
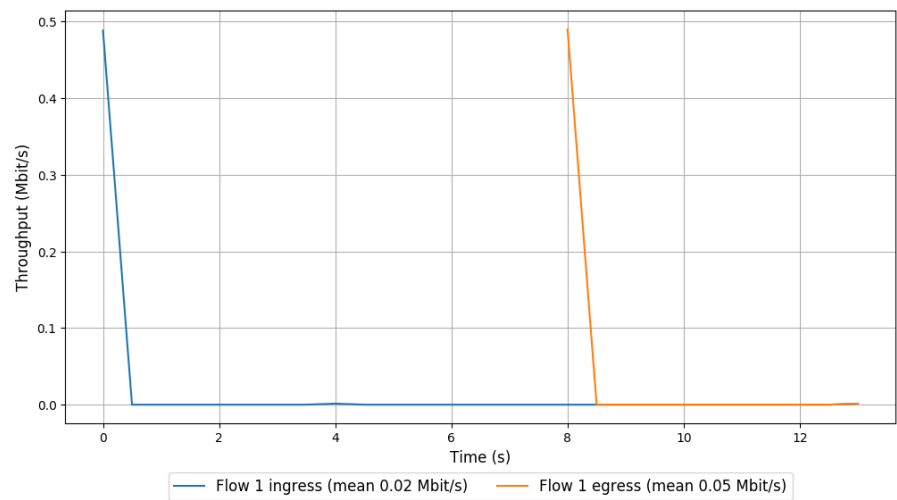
Start at: Thu, 29 Jun 2017 23:59:57 +0000

End at: Fri, 30 Jun 2017 00:00:27 +0000

Local clock offset: 0.452 ms

Remote clock offset: -1.584 ms

Run 8: Report of Saturator — Data Link



Run 9: Statistics of Saturator

Start at: Fri, 30 Jun 2017 00:17:18 +0000

End at: Fri, 30 Jun 2017 00:17:48 +0000

Local clock offset: 0.306 ms

Remote clock offset: -0.812 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:20:33 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 18.32 Mbit/s

95th percentile per-packet one-way delay: 57.408 ms

Loss rate: 0.58%

-- Flow 1:

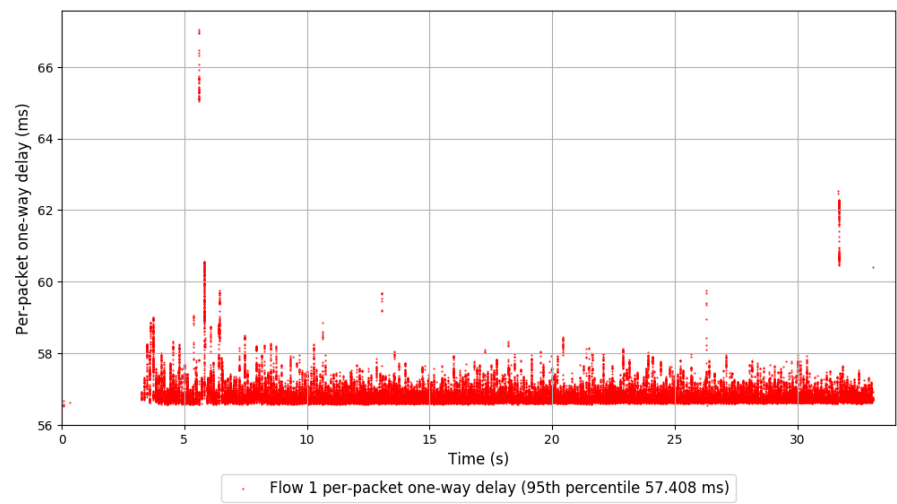
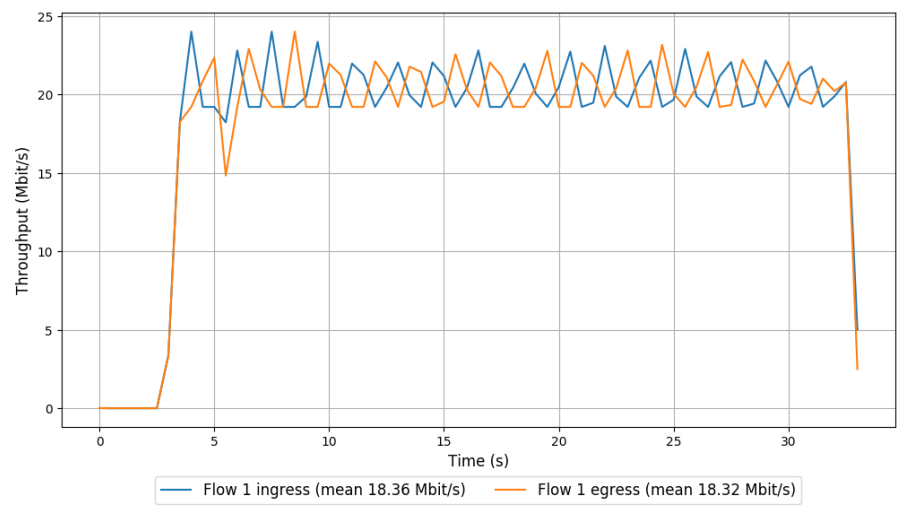
Average throughput: 18.32 Mbit/s

95th percentile per-packet one-way delay: 57.408 ms

Loss rate: 0.58%



Run 9: Report of Saturator — Data Link



Run 10: Statistics of Saturator

Start at: Fri, 30 Jun 2017 00:34:48 +0000

End at: Fri, 30 Jun 2017 00:35:18 +0000

Local clock offset: 0.23 ms

Remote clock offset: -2.772 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:20:36 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 18.27 Mbit/s

95th percentile per-packet one-way delay: 56.309 ms

Loss rate: 0.53%

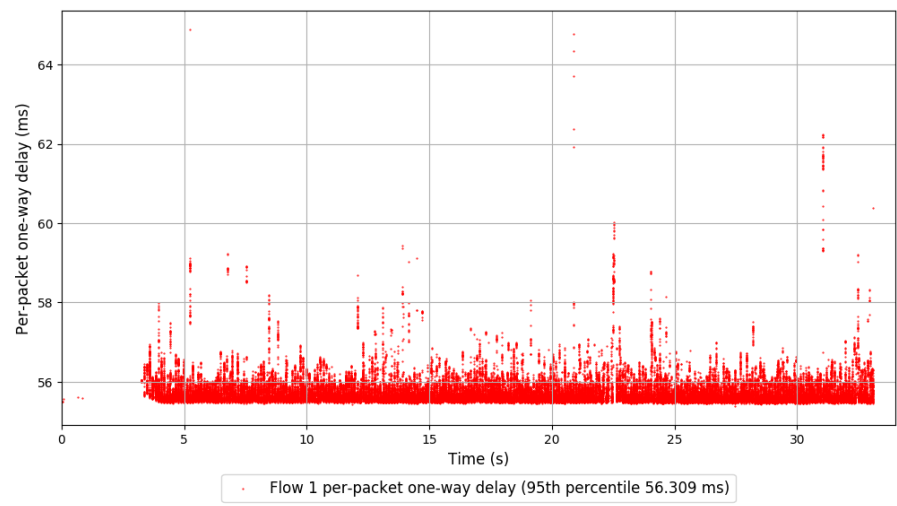
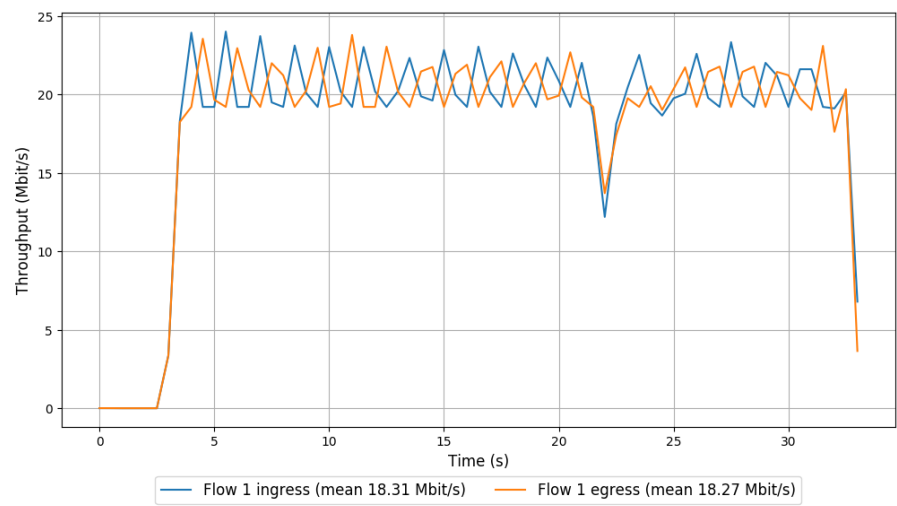
-- Flow 1:

Average throughput: 18.27 Mbit/s

95th percentile per-packet one-way delay: 56.309 ms

Loss rate: 0.53%

Run 10: Report of Saturator — Data Link



Run 1: Statistics of SCReAM

Start at: Thu, 29 Jun 2017 22:02:50 +0000

End at: Thu, 29 Jun 2017 22:03:20 +0000

Local clock offset: 0.66 ms

Remote clock offset: -9.655 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:20:36 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 48.216 ms

Loss rate: 0.25%

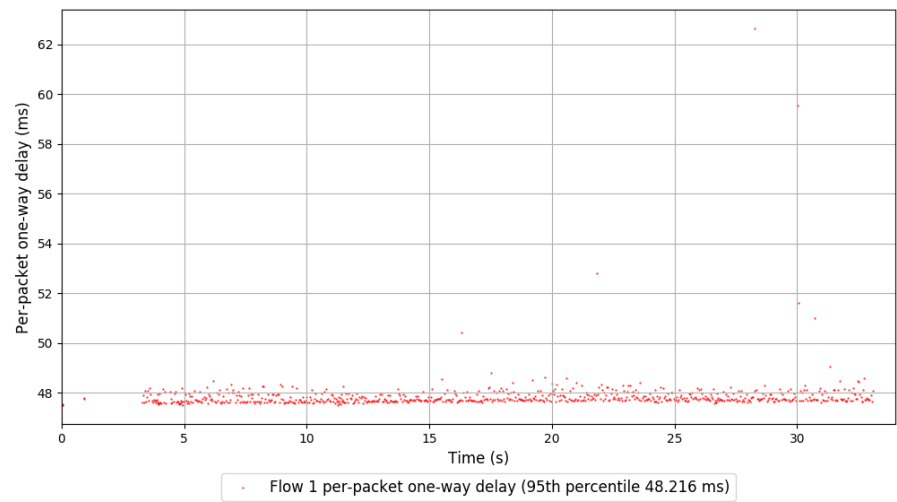
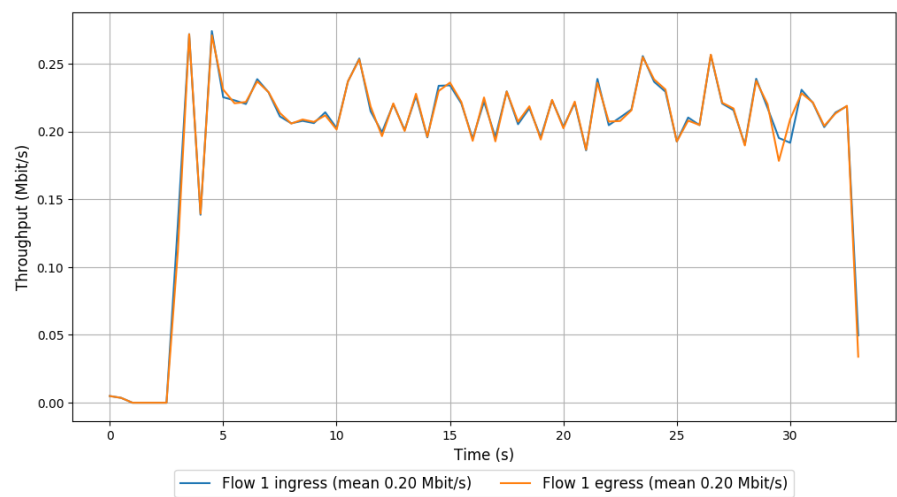
-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 48.216 ms

Loss rate: 0.25%

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

Start at: Thu, 29 Jun 2017 22:20:20 +0000

End at: Thu, 29 Jun 2017 22:20:50 +0000

Local clock offset: 0.616 ms

Remote clock offset: -7.464 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:20:36 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.19 Mbit/s

95th percentile per-packet one-way delay: 50.680 ms

Loss rate: 0.44%

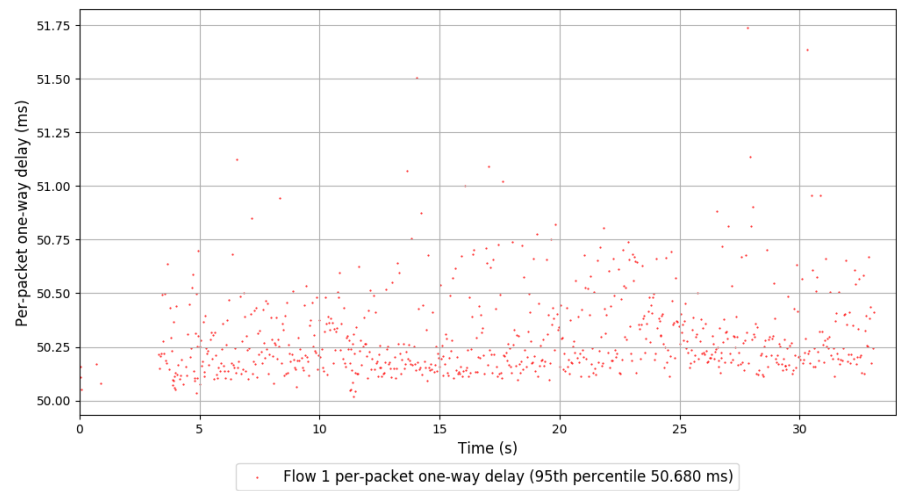
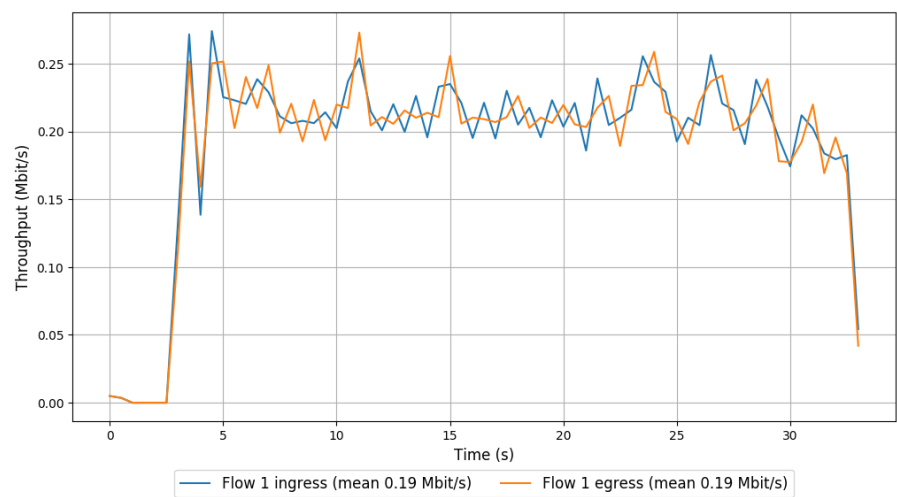
-- Flow 1:

Average throughput: 0.19 Mbit/s

95th percentile per-packet one-way delay: 50.680 ms

Loss rate: 0.44%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SCReAM

Start at: Thu, 29 Jun 2017 22:37:45 +0000

End at: Thu, 29 Jun 2017 22:38:15 +0000

Local clock offset: 0.575 ms

Remote clock offset: -5.199 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:20:36 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 52.602 ms

Loss rate: 0.25%

-- Flow 1:

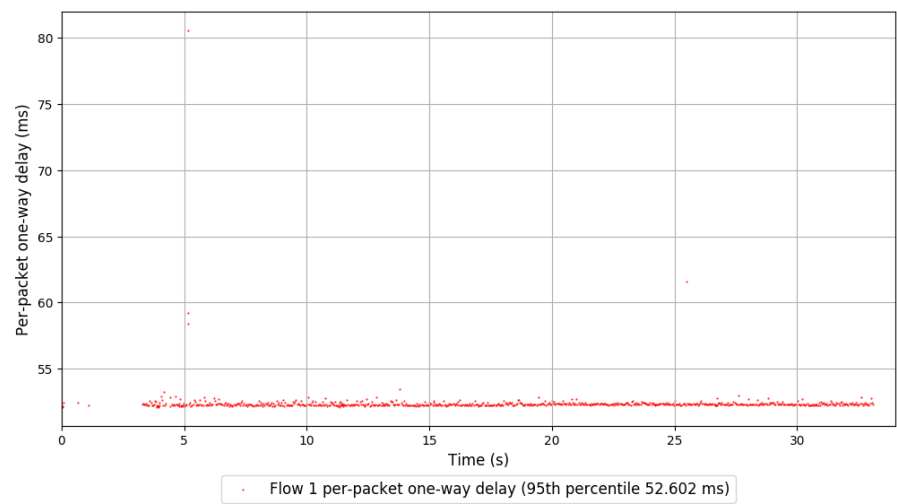
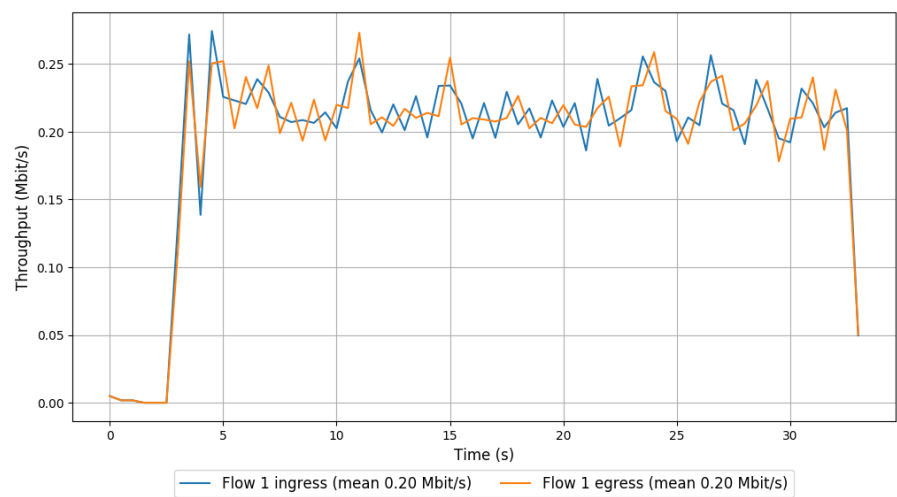
Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 52.602 ms

Loss rate: 0.25%



Run 3: Report of SReAM — Data Link



Run 4: Statistics of SCReAM

Start at: Thu, 29 Jun 2017 22:55:02 +0000

End at: Thu, 29 Jun 2017 22:55:32 +0000

Local clock offset: 0.502 ms

Remote clock offset: -4.392 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:20:37 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 54.555 ms

Loss rate: 0.25%

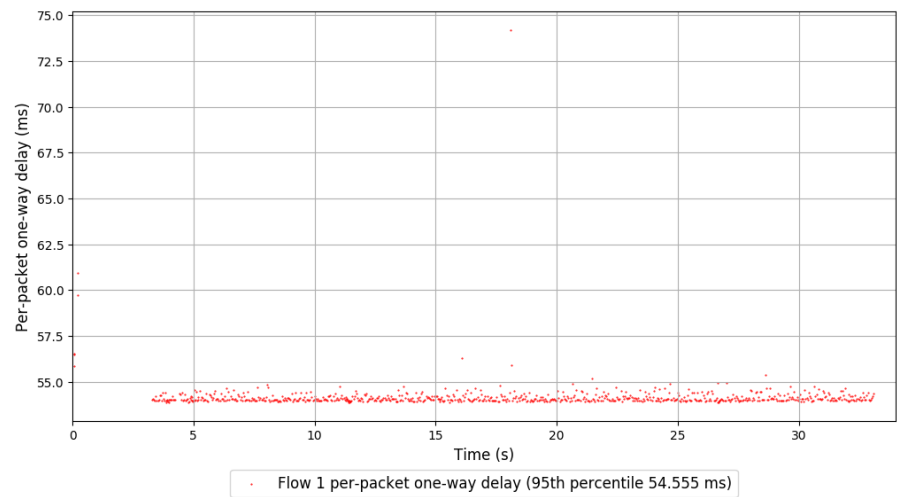
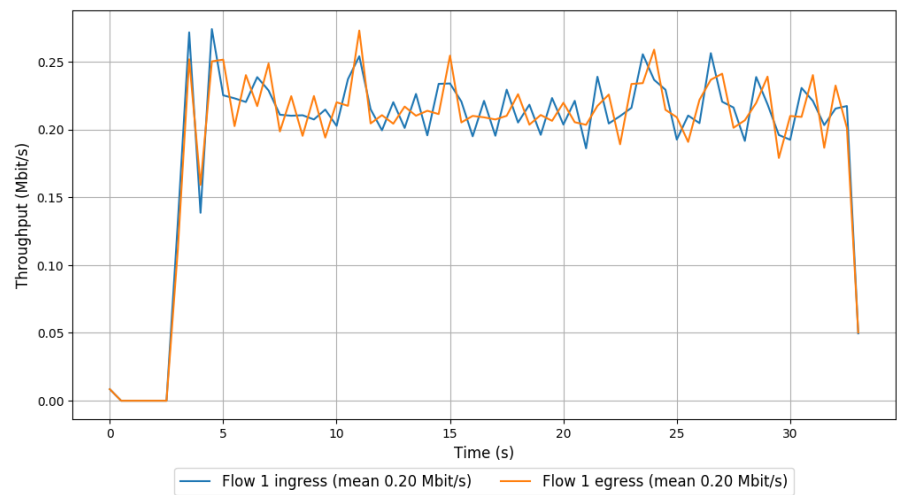
-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 54.555 ms

Loss rate: 0.25%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

Start at: Thu, 29 Jun 2017 23:12:26 +0000

End at: Thu, 29 Jun 2017 23:12:56 +0000

Local clock offset: 0.475 ms

Remote clock offset: -2.576 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:20:37 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 55.595 ms

Loss rate: 0.25%

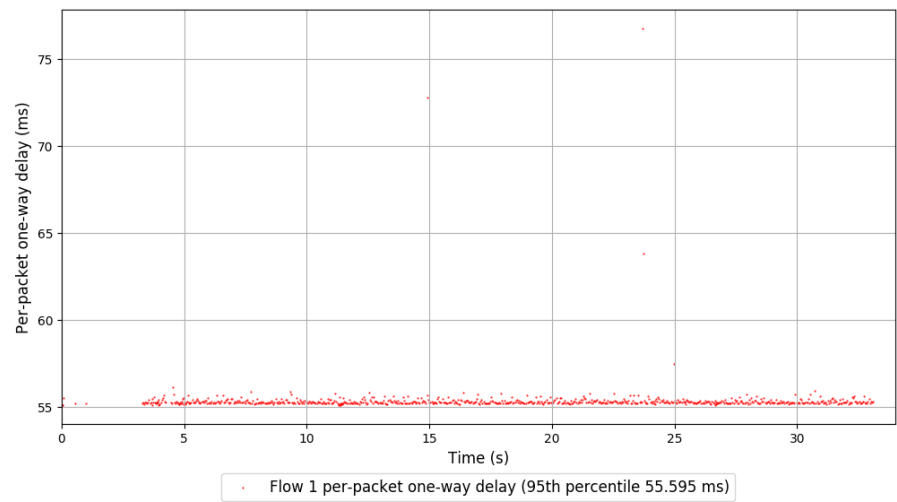
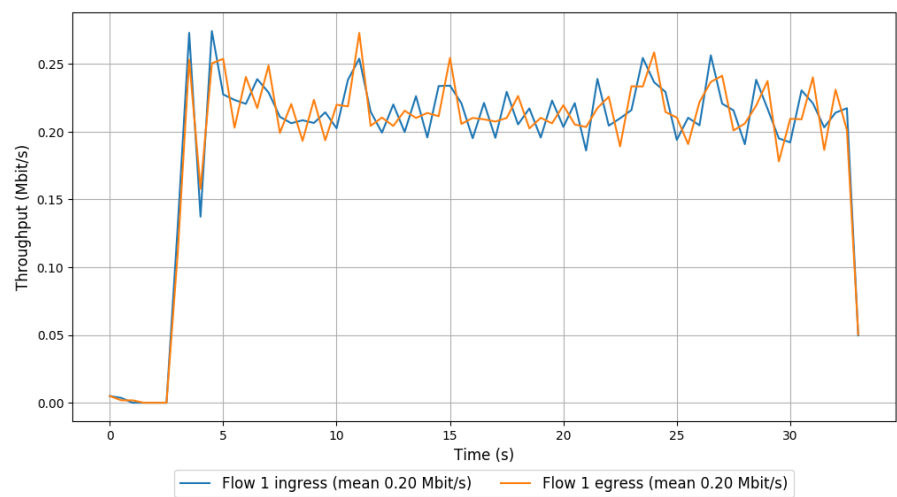
-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 55.595 ms

Loss rate: 0.25%

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SCReAM

Start at: Thu, 29 Jun 2017 23:29:51 +0000

End at: Thu, 29 Jun 2017 23:30:21 +0000

Local clock offset: 0.504 ms

Remote clock offset: -1.531 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:20:38 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 56.736 ms

Loss rate: 0.25%

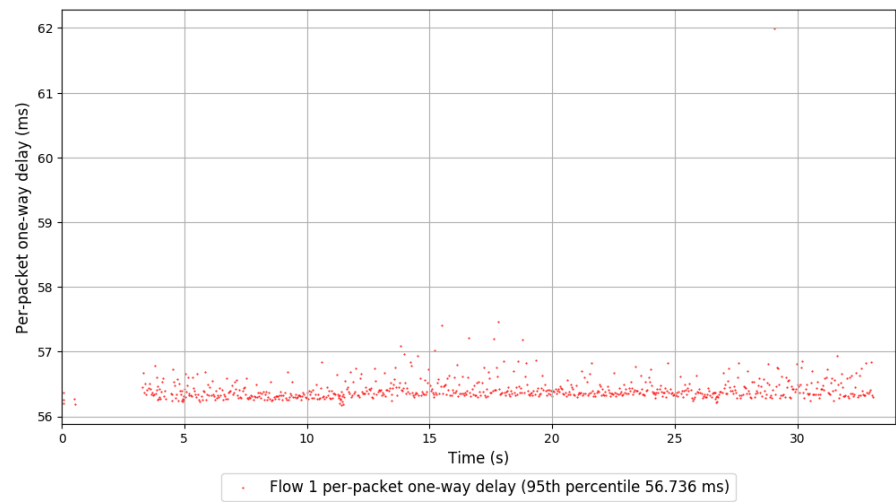
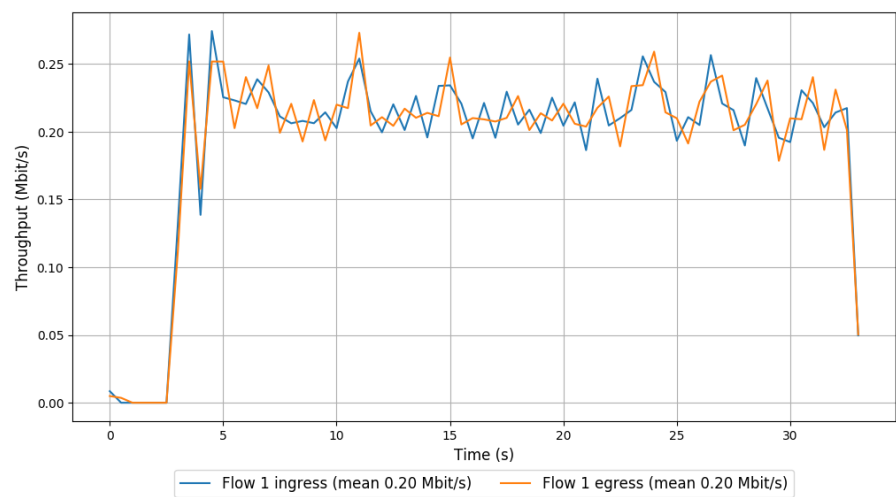
-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 56.736 ms

Loss rate: 0.25%

Run 6: Report of SReAM — Data Link



Run 7: Statistics of SCReAM

Start at: Thu, 29 Jun 2017 23:47:07 +0000

End at: Thu, 29 Jun 2017 23:47:37 +0000

Local clock offset: 0.46 ms

Remote clock offset: -0.983 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:20:38 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 57.685 ms

Loss rate: 0.38%

-- Flow 1:

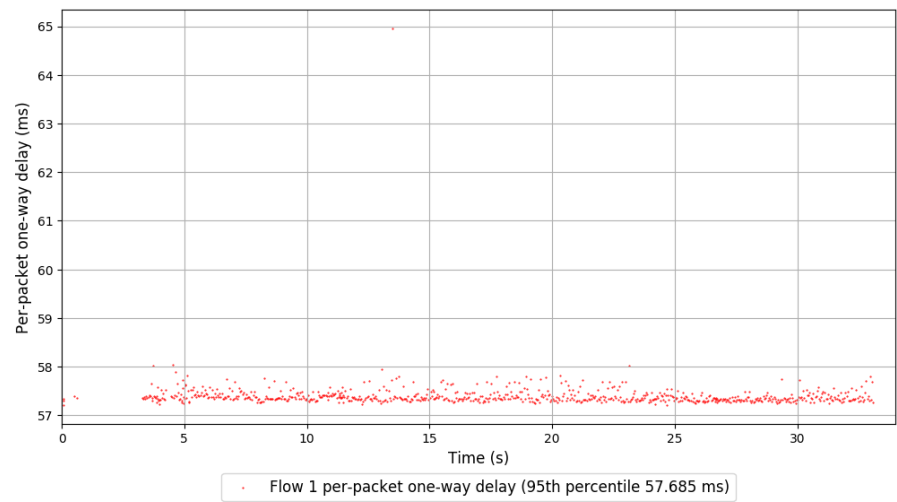
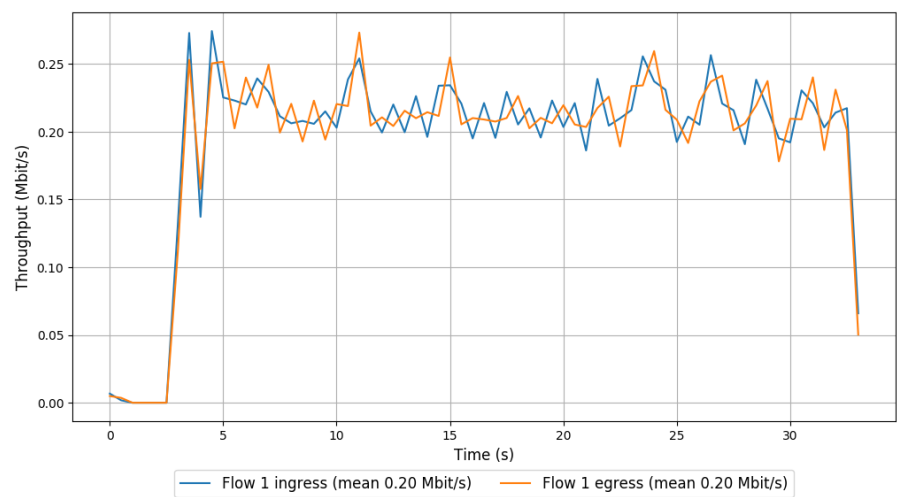
Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 57.685 ms

Loss rate: 0.38%



Run 7: Report of SReAM — Data Link



Run 8: Statistics of SCReAM

Start at: Fri, 30 Jun 2017 00:04:33 +0000

End at: Fri, 30 Jun 2017 00:05:03 +0000

Local clock offset: 0.455 ms

Remote clock offset: -1.656 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:20:39 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 56.458 ms

Loss rate: 0.25%

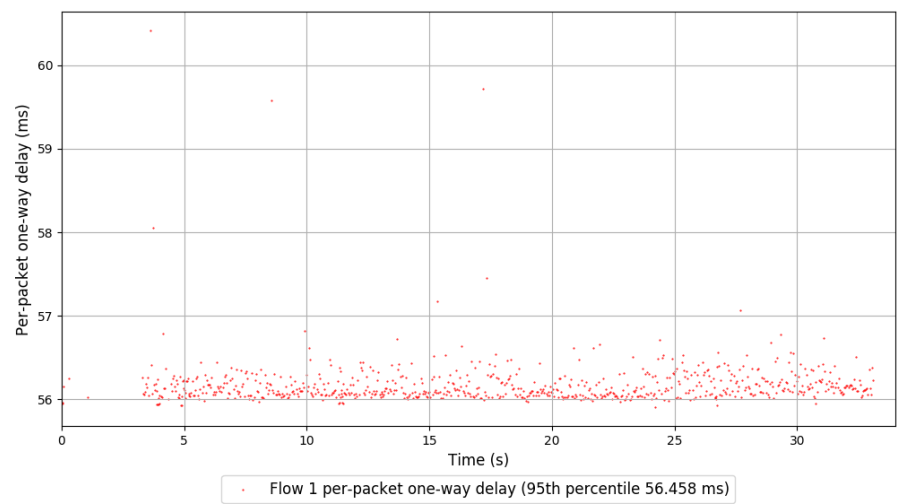
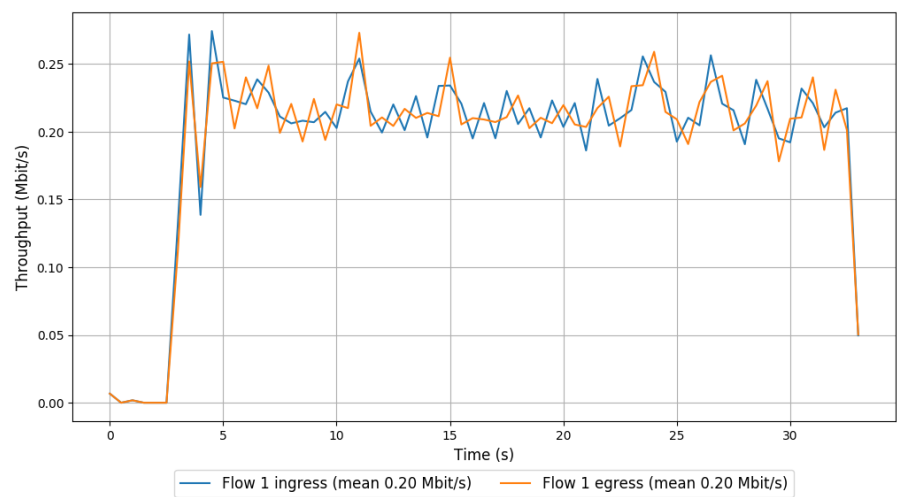
-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 56.458 ms

Loss rate: 0.25%

Run 8: Report of SReAM — Data Link



Run 9: Statistics of SCReAM

Start at: Fri, 30 Jun 2017 00:21:58 +0000

End at: Fri, 30 Jun 2017 00:22:28 +0000

Local clock offset: 0.319 ms

Remote clock offset: -1.456 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:20:39 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 56.670 ms

Loss rate: 0.25%

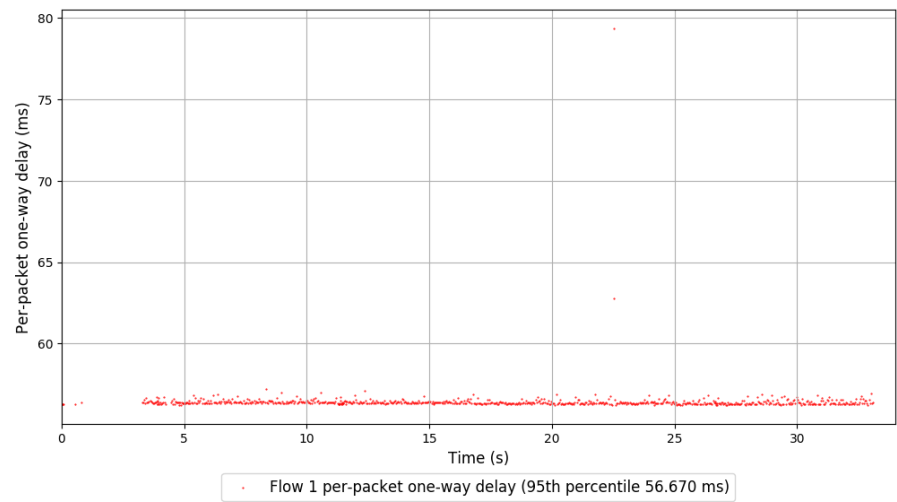
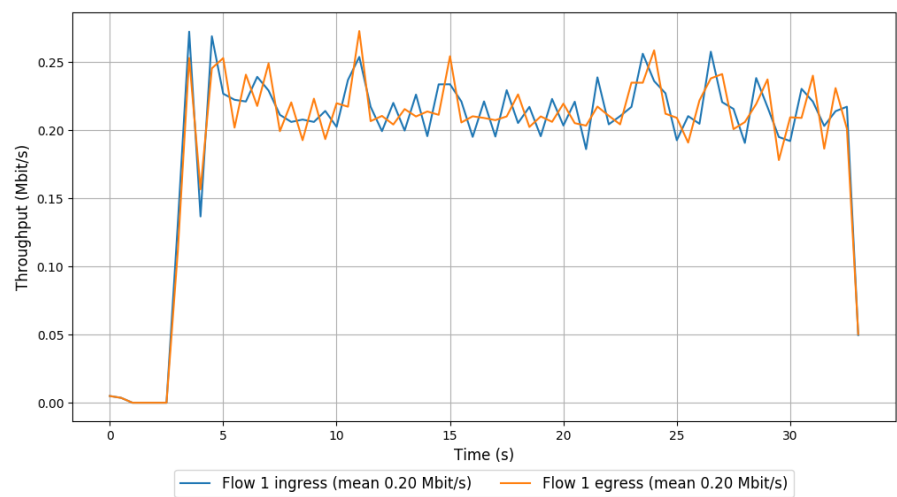
-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 56.670 ms

Loss rate: 0.25%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SCReAM

Start at: Fri, 30 Jun 2017 00:39:36 +0000

End at: Fri, 30 Jun 2017 00:40:06 +0000

Local clock offset: 0.247 ms

Remote clock offset: -2.509 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:20:40 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 55.696 ms

Loss rate: 0.38%

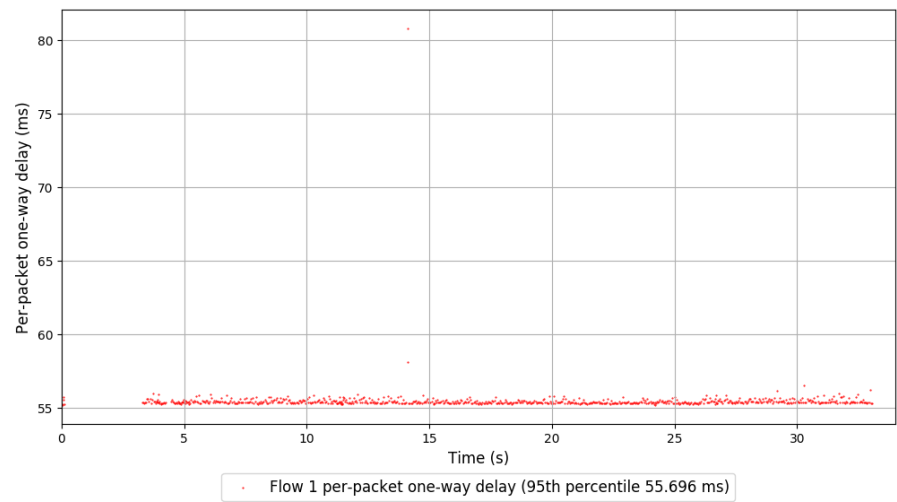
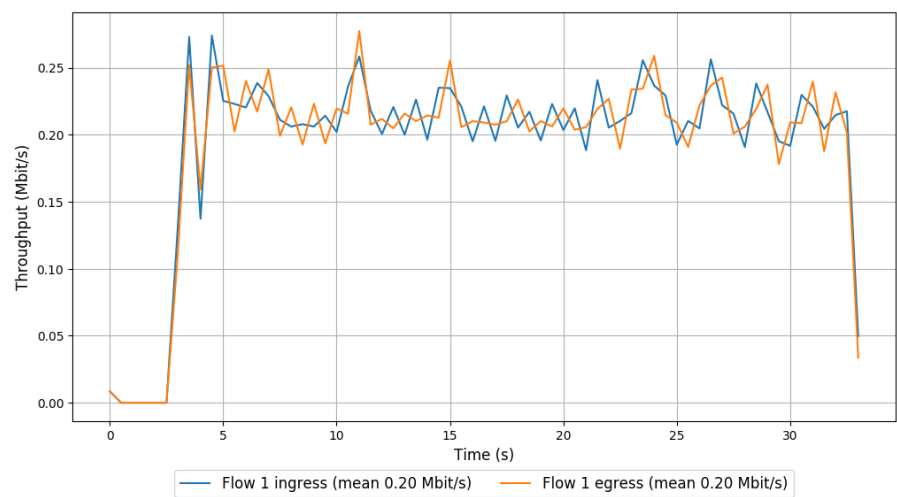
-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 55.696 ms

Loss rate: 0.38%

Run 10: Report of SReAM — Data Link



Run 1: Statistics of Sprout

Start at: Thu, 29 Jun 2017 22:01:43 +0000

End at: Thu, 29 Jun 2017 22:02:13 +0000

Local clock offset: 0.653 ms

Remote clock offset: -10.19 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:20:41 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 6.70 Mbit/s

95th percentile per-packet one-way delay: 48.125 ms

Loss rate: 0.45%

-- Flow 1:

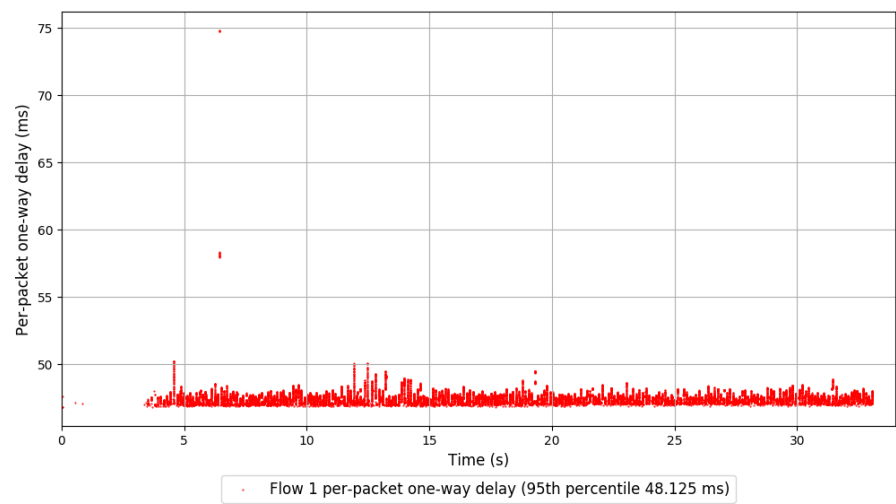
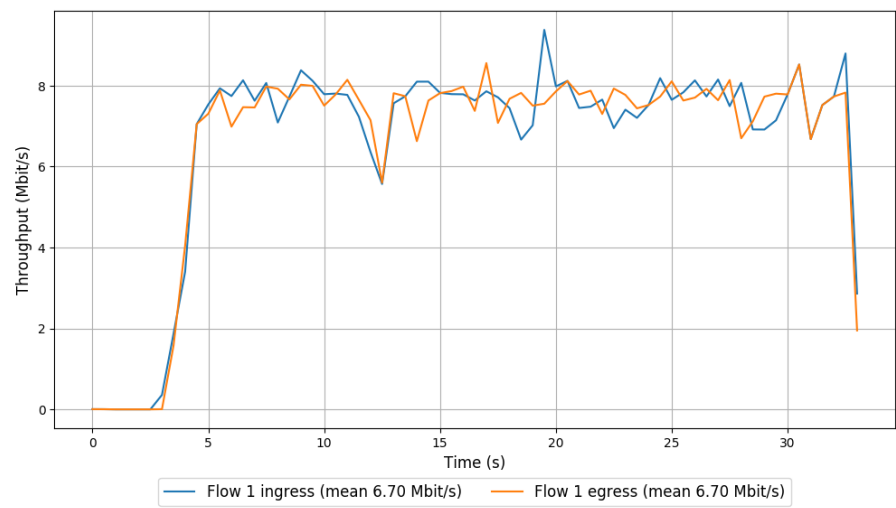
Average throughput: 6.70 Mbit/s

95th percentile per-packet one-way delay: 48.125 ms

Loss rate: 0.45%



Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

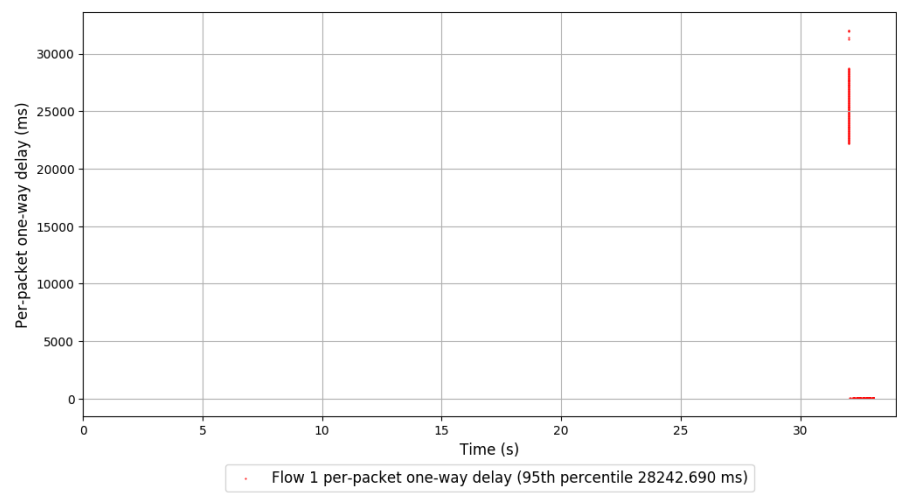
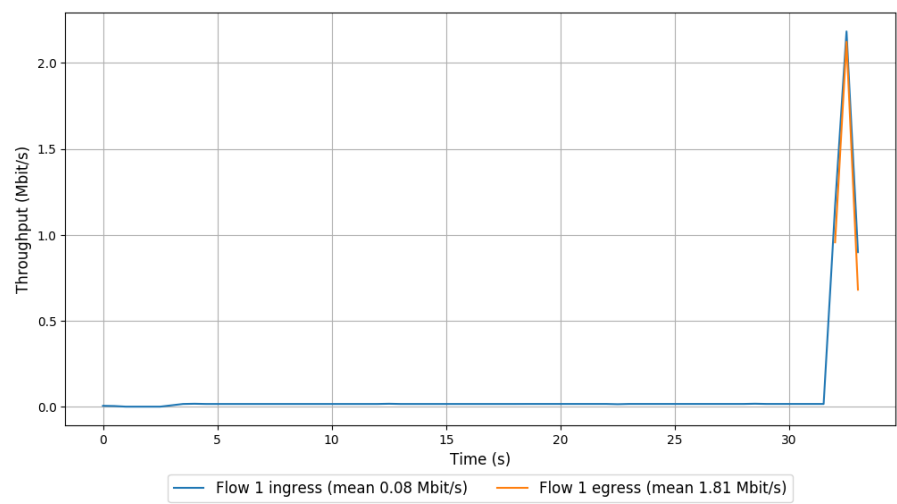
Start at: Thu, 29 Jun 2017 22:19:14 +0000

End at: Thu, 29 Jun 2017 22:19:44 +0000

Local clock offset: 0.565 ms

Remote clock offset: -7.645 ms

Run 2: Report of Sprout — Data Link



Run 3: Statistics of Sprout

Start at: Thu, 29 Jun 2017 22:36:38 +0000

End at: Thu, 29 Jun 2017 22:37:08 +0000

Local clock offset: 0.528 ms

Remote clock offset: -5.614 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:20:43 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 6.77 Mbit/s

95th percentile per-packet one-way delay: 53.059 ms

Loss rate: 0.54%

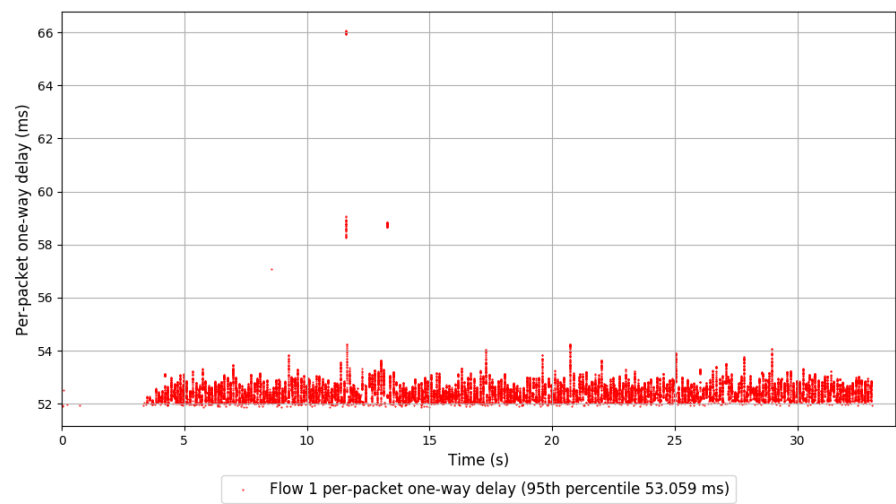
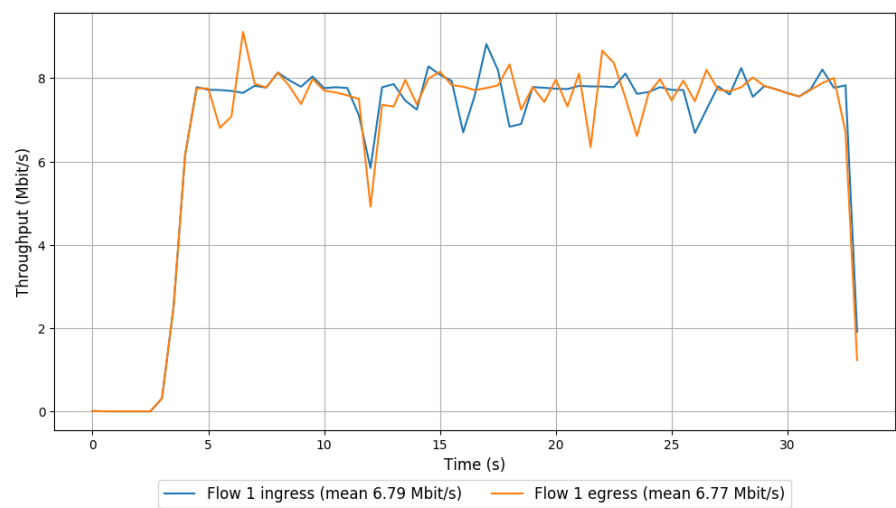
-- Flow 1:

Average throughput: 6.77 Mbit/s

95th percentile per-packet one-way delay: 53.059 ms

Loss rate: 0.54%

Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

Start at: Thu, 29 Jun 2017 22:53:55 +0000

End at: Thu, 29 Jun 2017 22:54:25 +0000

Local clock offset: 0.555 ms

Remote clock offset: -3.987 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:20:43 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 6.17 Mbit/s

95th percentile per-packet one-way delay: 55.181 ms

Loss rate: 0.45%

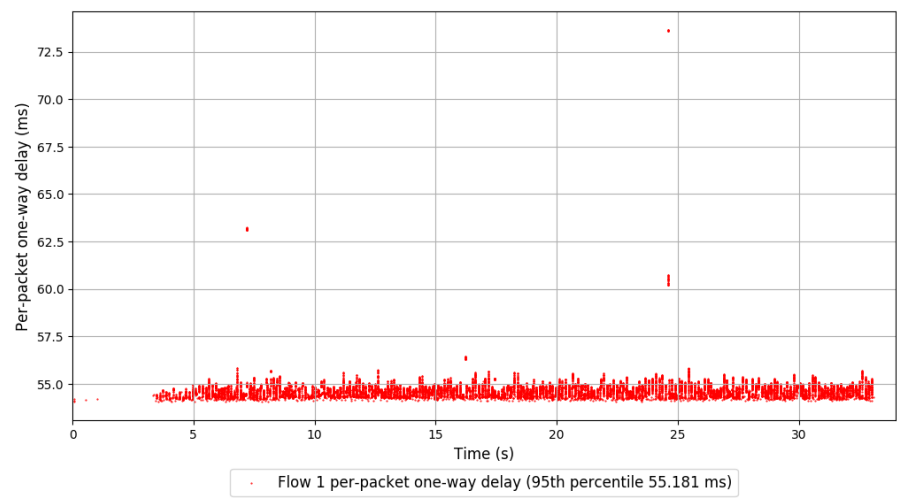
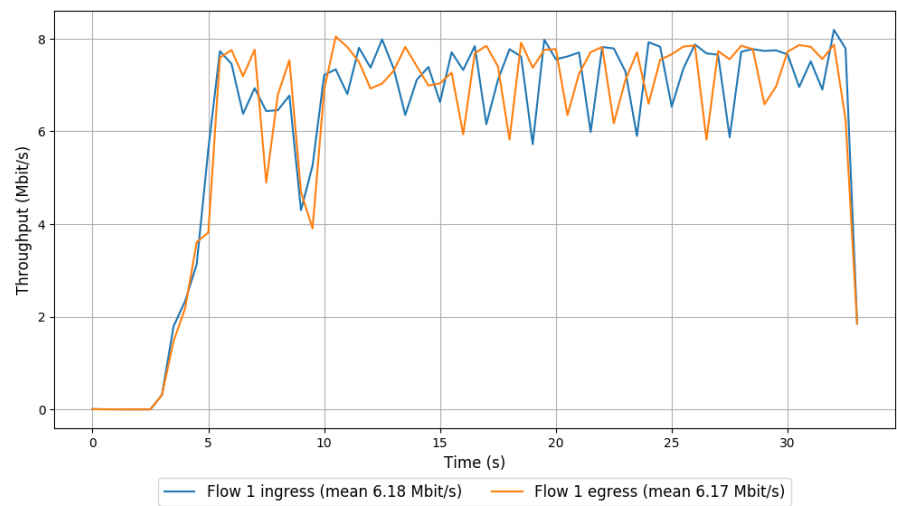
-- Flow 1:

Average throughput: 6.17 Mbit/s

95th percentile per-packet one-way delay: 55.181 ms

Loss rate: 0.45%

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: Thu, 29 Jun 2017 23:11:20 +0000

End at: Thu, 29 Jun 2017 23:11:50 +0000

Local clock offset: 0.537 ms

Remote clock offset: -2.257 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:20:44 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 6.58 Mbit/s

95th percentile per-packet one-way delay: 56.135 ms

Loss rate: 0.31%

-- Flow 1:

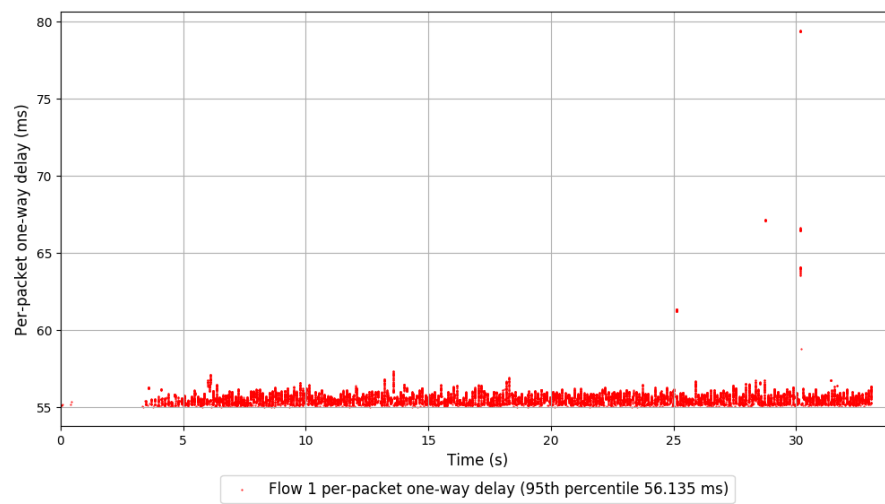
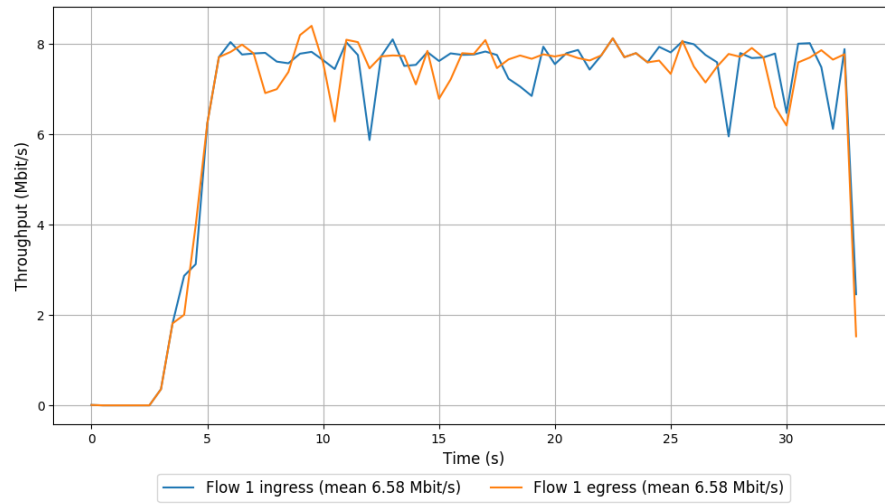
Average throughput: 6.58 Mbit/s

95th percentile per-packet one-way delay: 56.135 ms

Loss rate: 0.31%



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



Run 6: Statistics of Sprout

Start at: Thu, 29 Jun 2017 23:28:45 +0000

End at: Thu, 29 Jun 2017 23:29:15 +0000

Local clock offset: 0.511 ms

Remote clock offset: -1.576 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:20:45 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 6.50 Mbit/s

95th percentile per-packet one-way delay: 57.034 ms

Loss rate: 0.58%

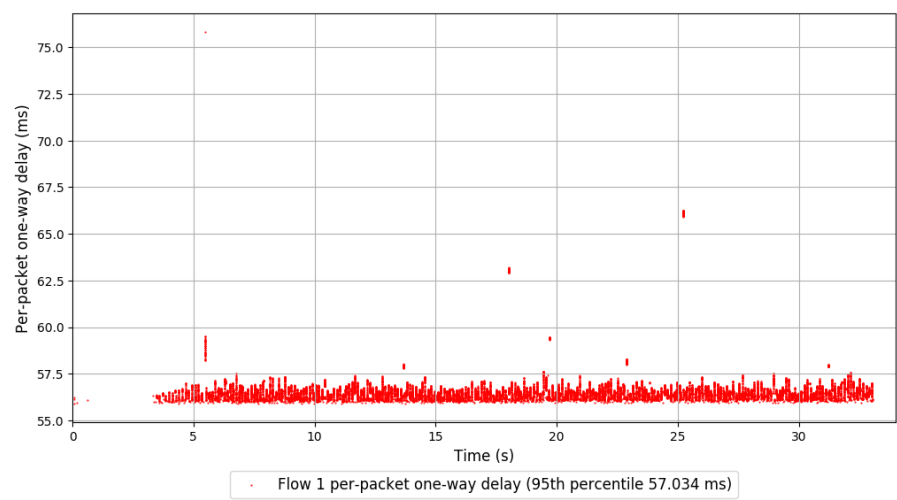
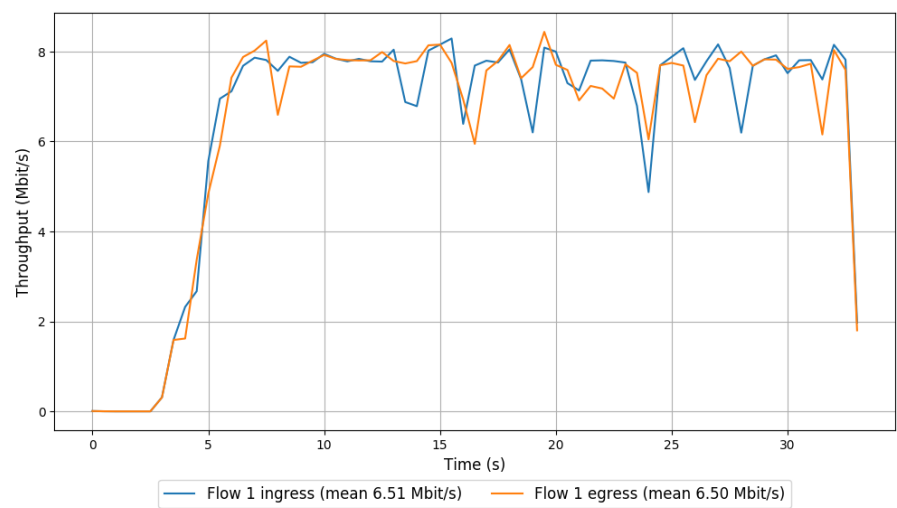
-- Flow 1:

Average throughput: 6.50 Mbit/s

95th percentile per-packet one-way delay: 57.034 ms

Loss rate: 0.58%

Run 6: Report of Sprout — Data Link



Run 7: Statistics of Sprout

Start at: Thu, 29 Jun 2017 23:46:00 +0000

End at: Thu, 29 Jun 2017 23:46:30 +0000

Local clock offset: 0.447 ms

Remote clock offset: -1.193 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:20:46 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 5.93 Mbit/s

95th percentile per-packet one-way delay: 57.696 ms

Loss rate: 0.50%

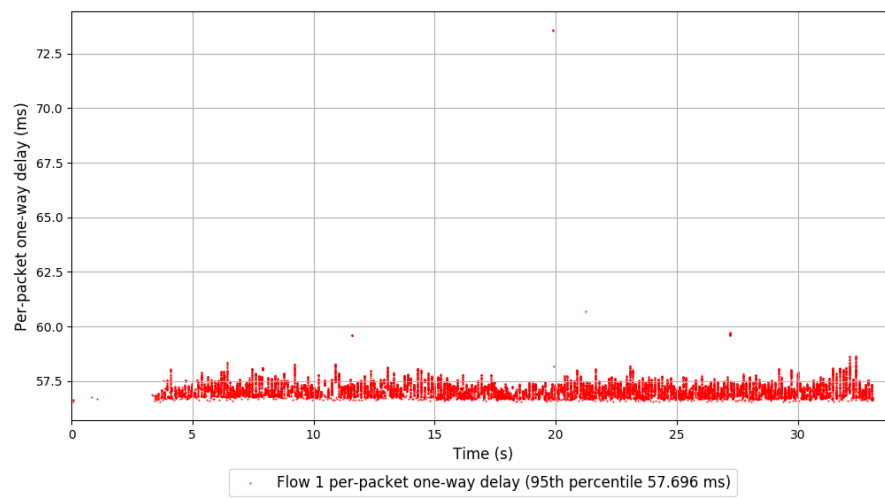
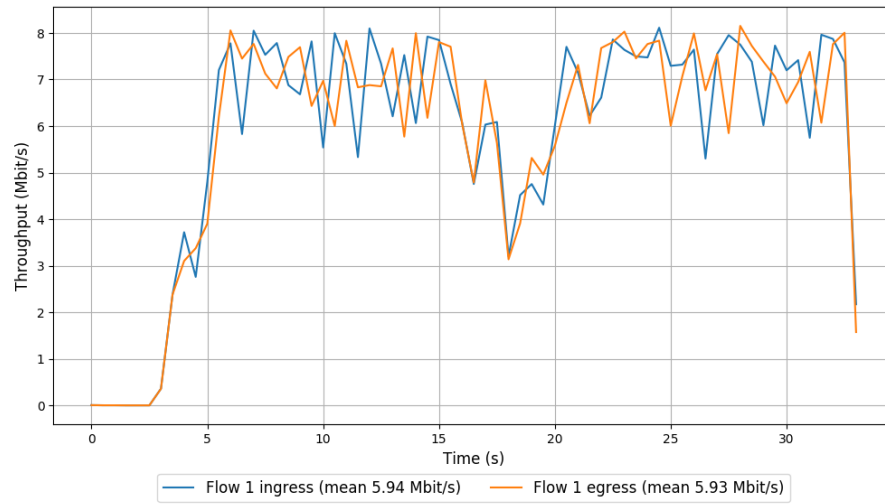
-- Flow 1:

Average throughput: 5.93 Mbit/s

95th percentile per-packet one-way delay: 57.696 ms

Loss rate: 0.50%

## Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

Start at: Fri, 30 Jun 2017 00:03:26 +0000

End at: Fri, 30 Jun 2017 00:03:56 +0000

Local clock offset: 0.37 ms

Remote clock offset: -1.562 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:20:47 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 6.68 Mbit/s

95th percentile per-packet one-way delay: 57.190 ms

Loss rate: 0.45%

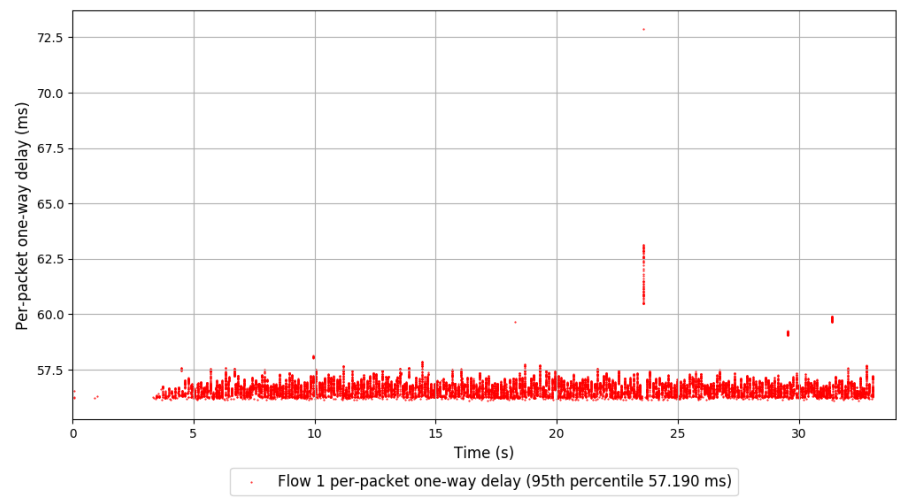
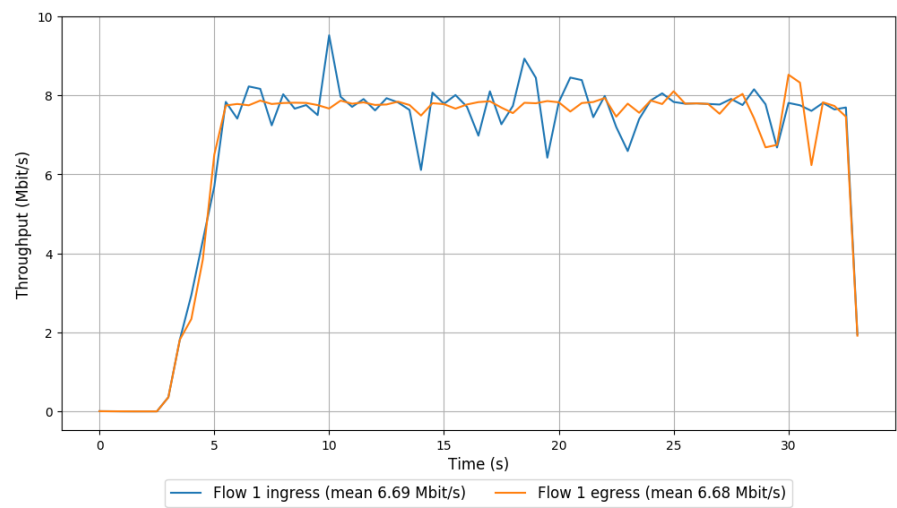
-- Flow 1:

Average throughput: 6.68 Mbit/s

95th percentile per-packet one-way delay: 57.190 ms

Loss rate: 0.45%

Run 8: Report of Sprout — Data Link



Run 9: Statistics of Sprout

Start at: Fri, 30 Jun 2017 00:20:52 +0000

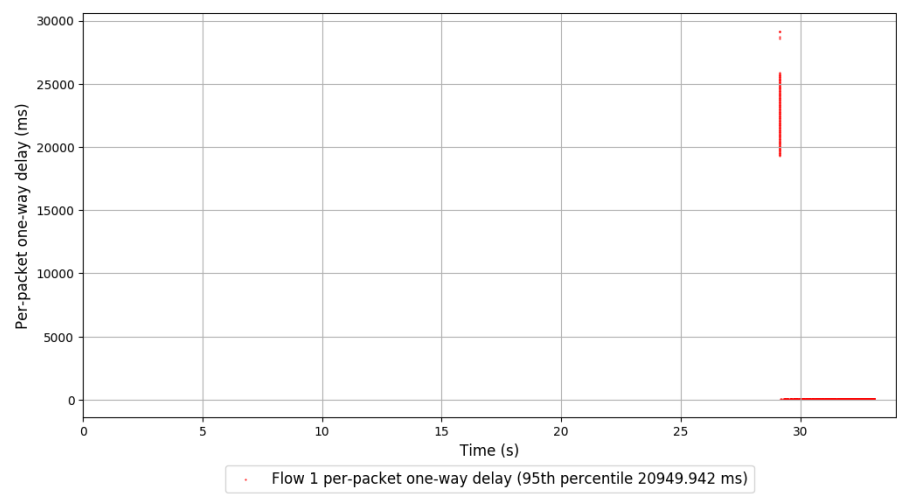
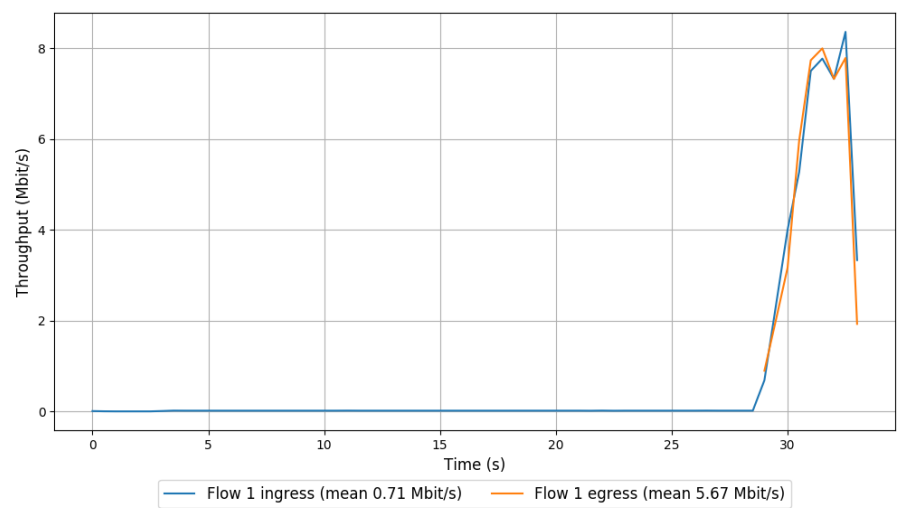
End at: Fri, 30 Jun 2017 00:21:22 +0000

Local clock offset: 0.275 ms

Remote clock offset: -1.367 ms



Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: Fri, 30 Jun 2017 00:38:30 +0000

End at: Fri, 30 Jun 2017 00:39:00 +0000

Local clock offset: 0.207 ms

Remote clock offset: -2.556 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:20:49 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 6.37 Mbit/s

95th percentile per-packet one-way delay: 56.401 ms

Loss rate: 0.48%

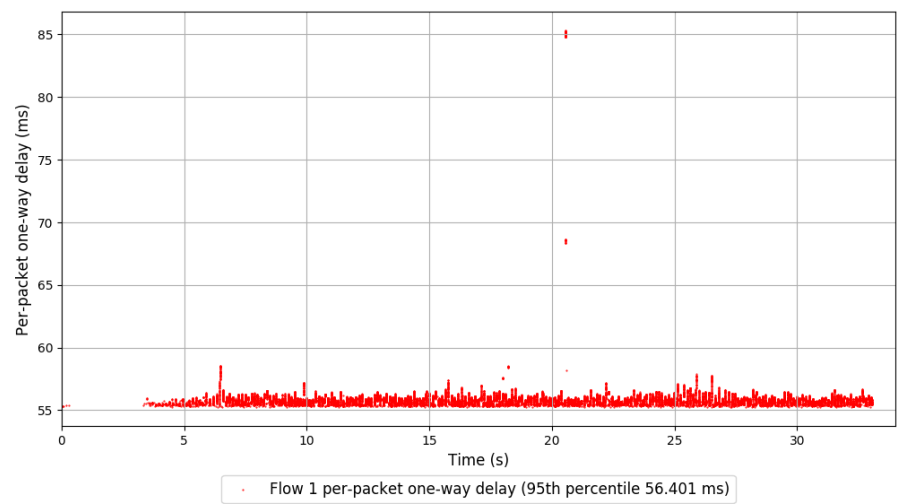
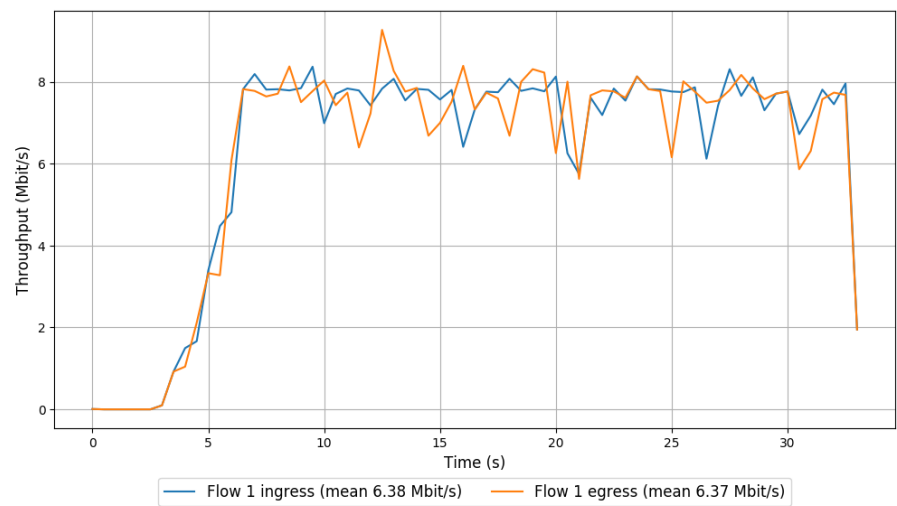
-- Flow 1:

Average throughput: 6.37 Mbit/s

95th percentile per-packet one-way delay: 56.401 ms

Loss rate: 0.48%

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: Thu, 29 Jun 2017 21:47:35 +0000

End at: Thu, 29 Jun 2017 21:48:05 +0000

Local clock offset: 0.615 ms

Remote clock offset: -11.918 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:21:02 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 49.64 Mbit/s

95th percentile per-packet one-way delay: 60.181 ms

Loss rate: 16.19%

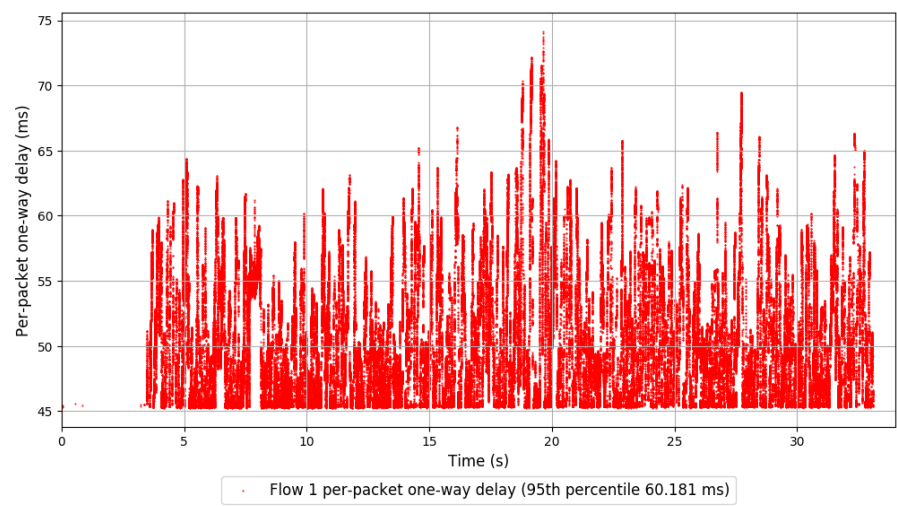
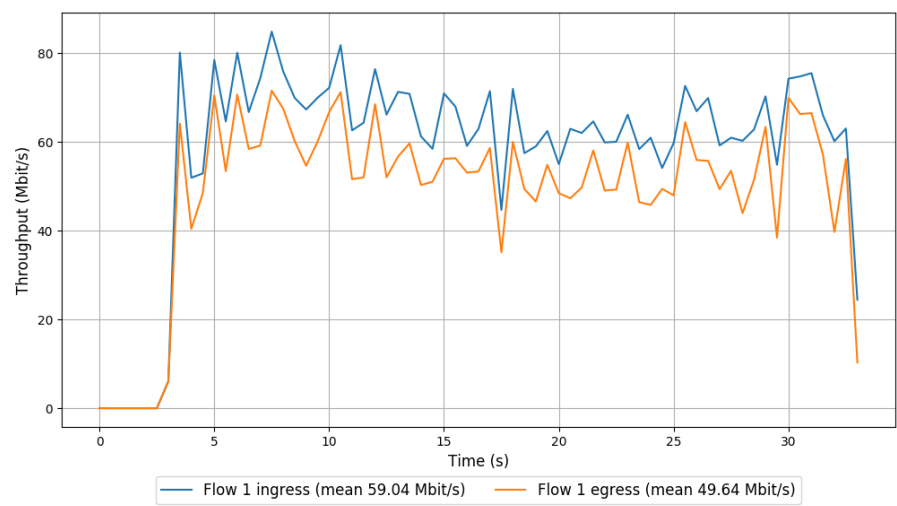
-- Flow 1:

Average throughput: 49.64 Mbit/s

95th percentile per-packet one-way delay: 60.181 ms

Loss rate: 16.19%

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



Run 2: Statistics of TaoVA-100x

Start at: Thu, 29 Jun 2017 22:05:09 +0000

End at: Thu, 29 Jun 2017 22:05:39 +0000

Local clock offset: 0.636 ms

Remote clock offset: -9.835 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:21:02 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 46.88 Mbit/s

95th percentile per-packet one-way delay: 62.675 ms

Loss rate: 16.42%

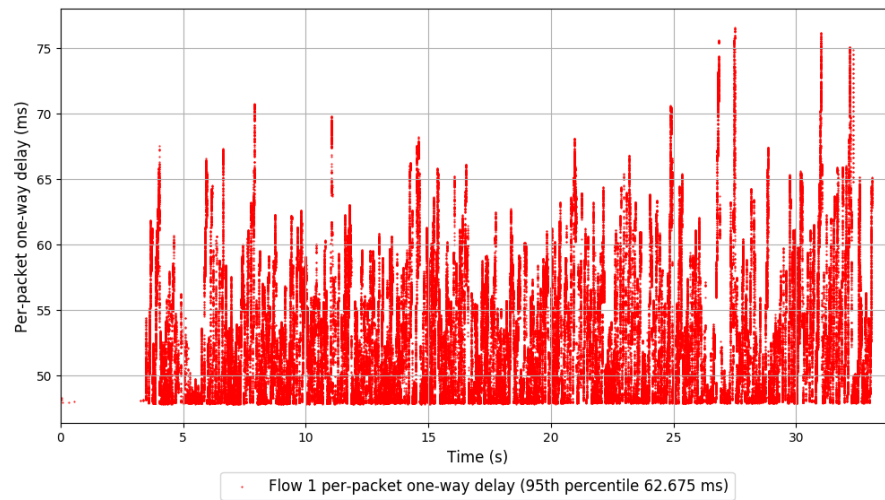
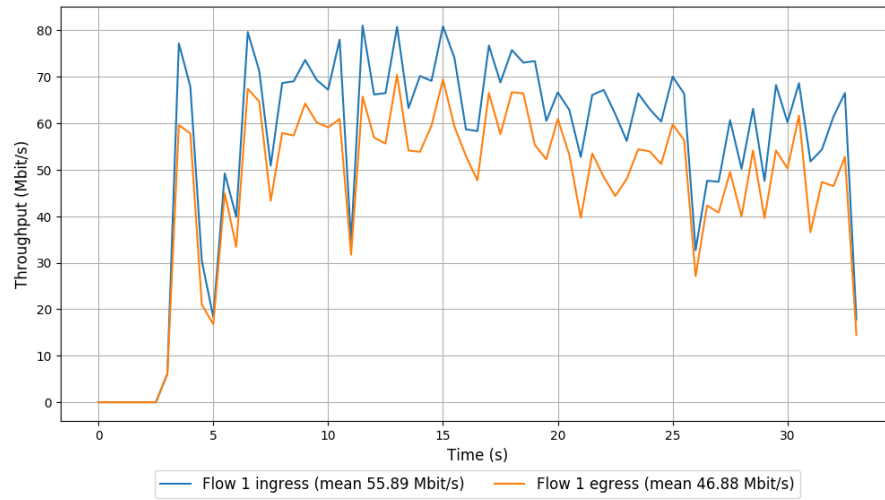
-- Flow 1:

Average throughput: 46.88 Mbit/s

95th percentile per-packet one-way delay: 62.675 ms

Loss rate: 16.42%

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



Run 3: Statistics of TaoVA-100x

Start at: Thu, 29 Jun 2017 22:22:38 +0000

End at: Thu, 29 Jun 2017 22:23:08 +0000

Local clock offset: 0.66 ms

Remote clock offset: -7.314 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:21:18 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 64.69 Mbit/s

95th percentile per-packet one-way delay: 63.438 ms

Loss rate: 13.76%

-- Flow 1:

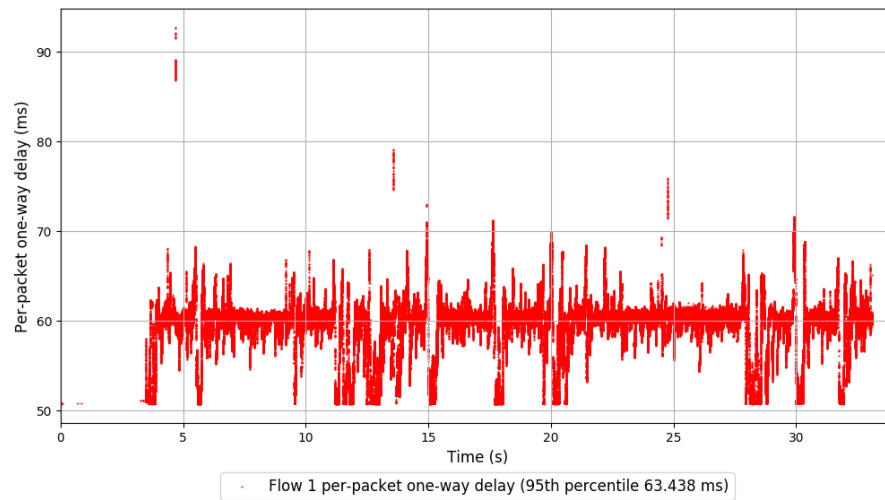
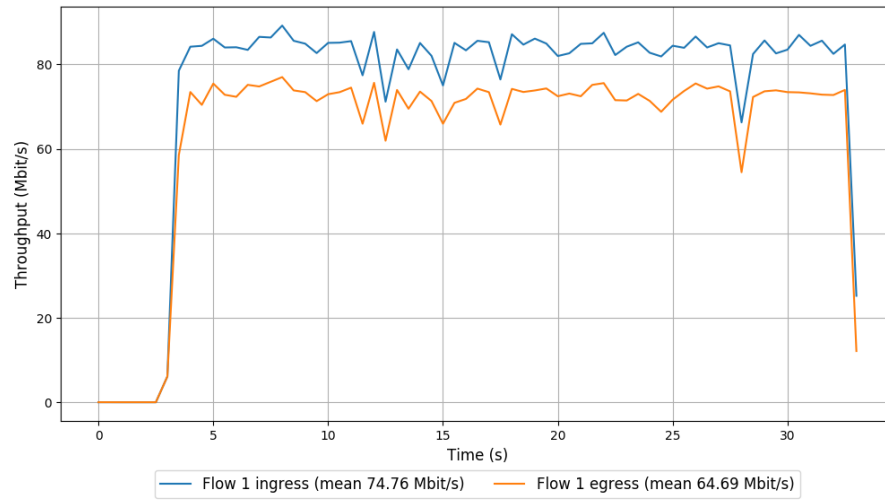
Average throughput: 64.69 Mbit/s

95th percentile per-packet one-way delay: 63.438 ms

Loss rate: 13.76%



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



Run 4: Statistics of TaoVA-100x

Start at: Thu, 29 Jun 2017 22:40:03 +0000

End at: Thu, 29 Jun 2017 22:40:33 +0000

Local clock offset: 0.619 ms

Remote clock offset: -4.881 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:21:18 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 60.24 Mbit/s

95th percentile per-packet one-way delay: 66.742 ms

Loss rate: 14.25%

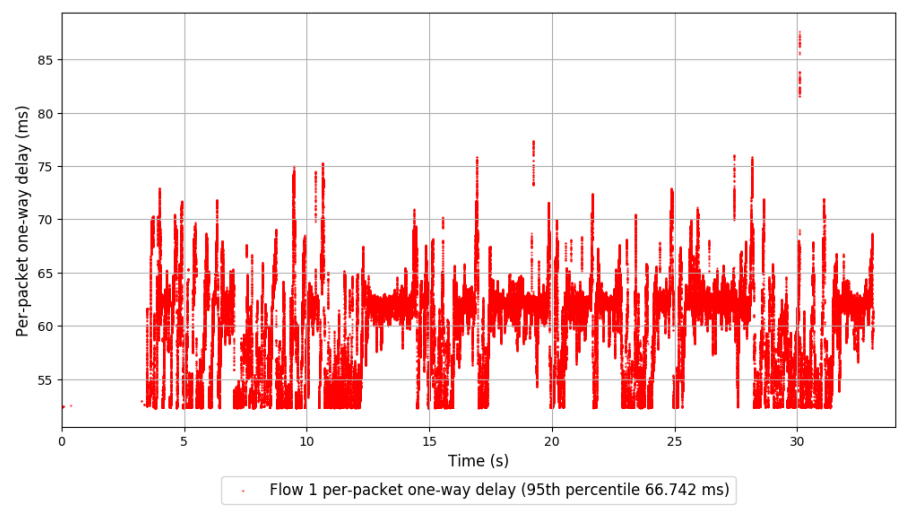
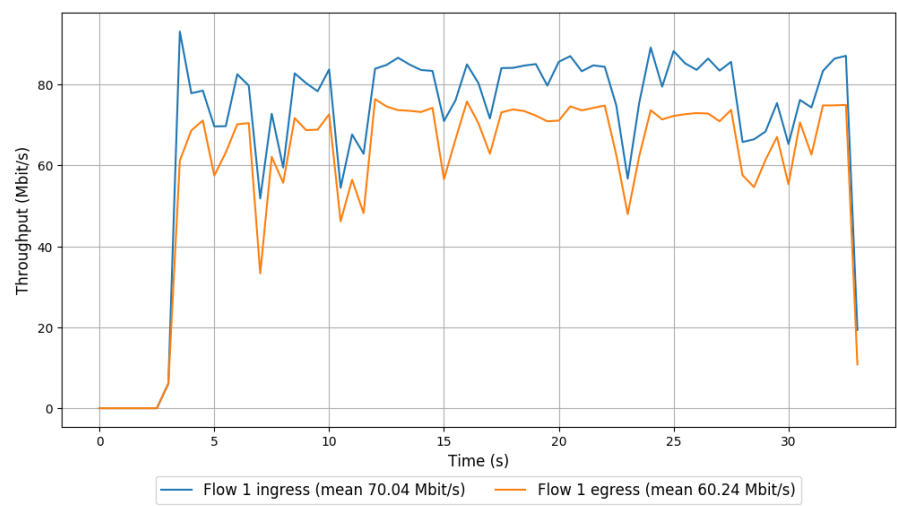
-- Flow 1:

Average throughput: 60.24 Mbit/s

95th percentile per-packet one-way delay: 66.742 ms

Loss rate: 14.25%

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



Run 5: Statistics of TaoVA-100x

Start at: Thu, 29 Jun 2017 22:57:20 +0000

End at: Thu, 29 Jun 2017 22:57:51 +0000

Local clock offset: 0.482 ms

Remote clock offset: -3.79 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:21:35 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 61.79 Mbit/s

95th percentile per-packet one-way delay: 67.146 ms

Loss rate: 14.42%

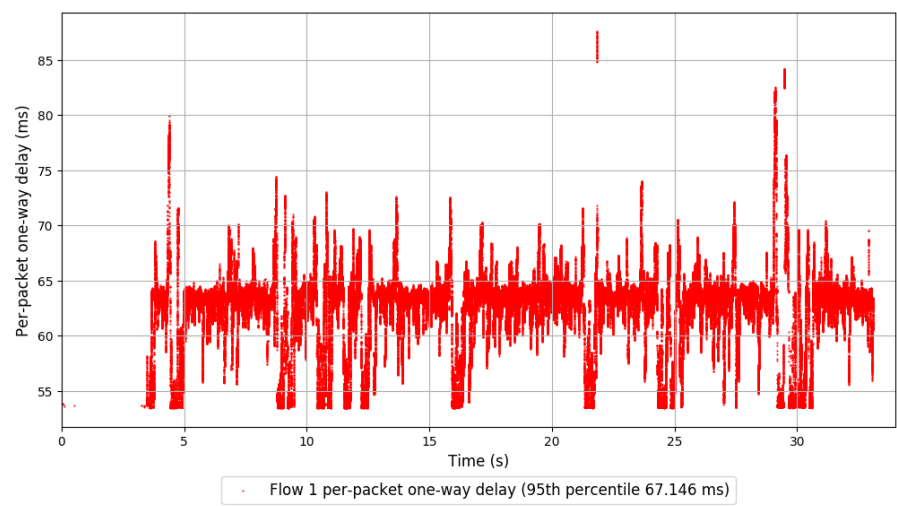
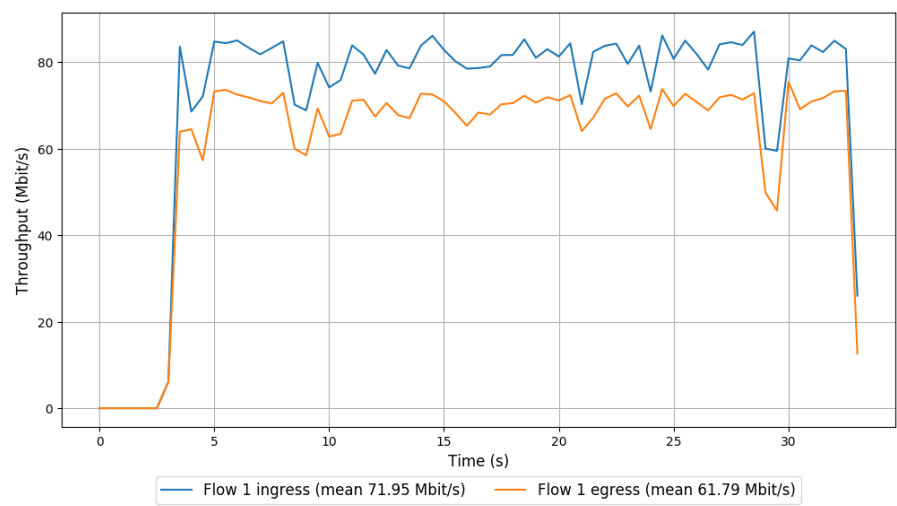
-- Flow 1:

Average throughput: 61.79 Mbit/s

95th percentile per-packet one-way delay: 67.146 ms

Loss rate: 14.42%

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



Run 6: Statistics of TaoVA-100x

Start at: Thu, 29 Jun 2017 23:14:45 +0000

End at: Thu, 29 Jun 2017 23:15:15 +0000

Local clock offset: 0.443 ms

Remote clock offset: -2.372 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:21:35 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 56.51 Mbit/s

95th percentile per-packet one-way delay: 69.414 ms

Loss rate: 15.24%

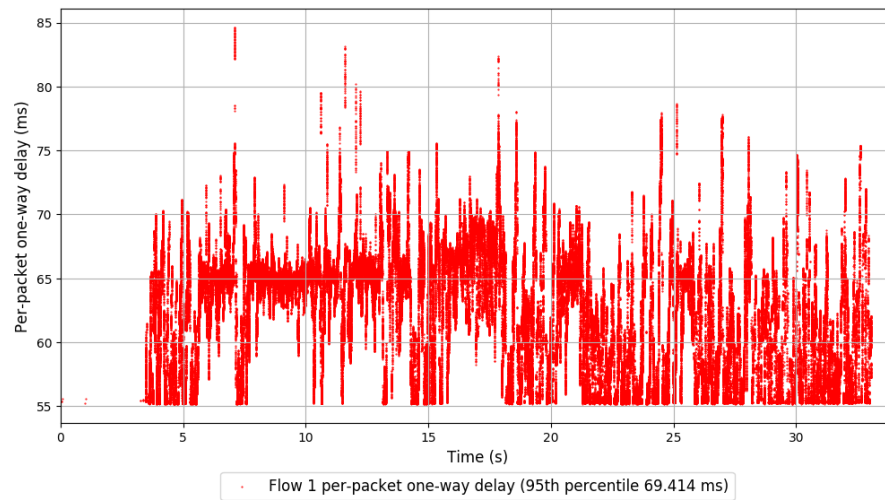
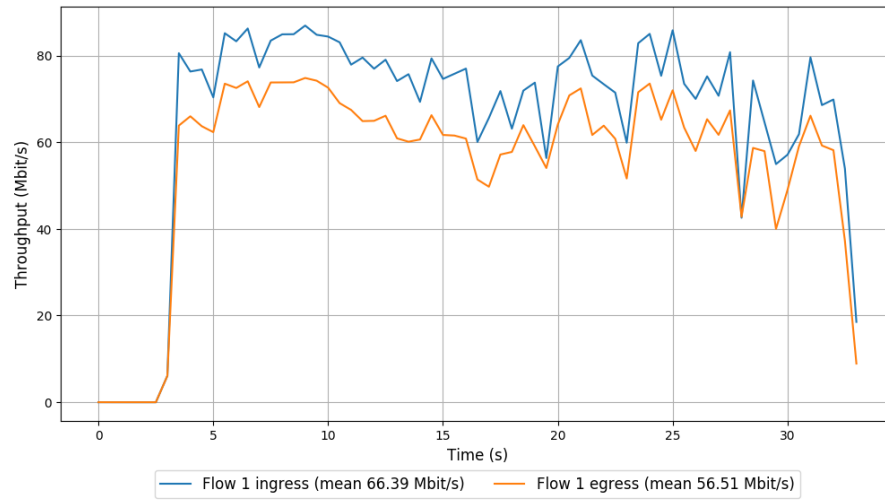
-- Flow 1:

Average throughput: 56.51 Mbit/s

95th percentile per-packet one-way delay: 69.414 ms

Loss rate: 15.24%

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



Run 7: Statistics of TaoVA-100x

Start at: Thu, 29 Jun 2017 23:32:09 +0000

End at: Thu, 29 Jun 2017 23:32:39 +0000

Local clock offset: 0.425 ms

Remote clock offset: -0.912 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:21:49 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 61.48 Mbit/s

95th percentile per-packet one-way delay: 68.974 ms

Loss rate: 14.03%

-- Flow 1:

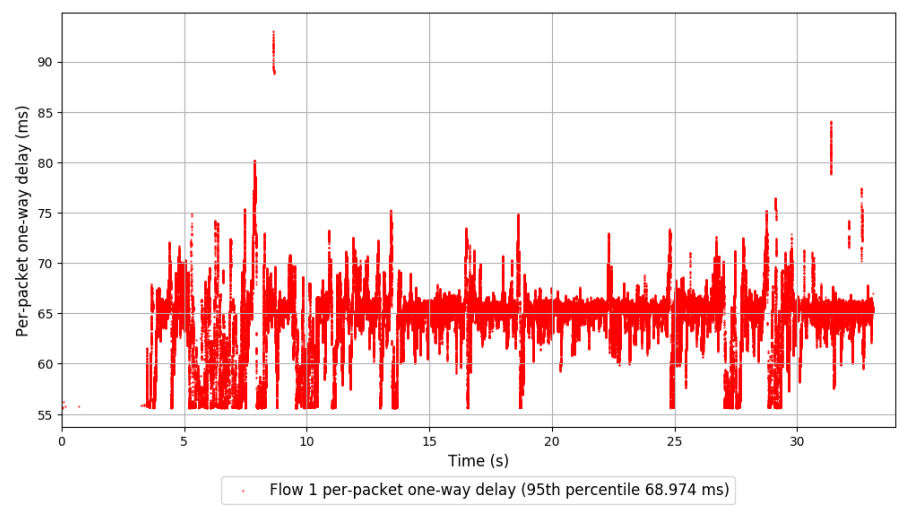
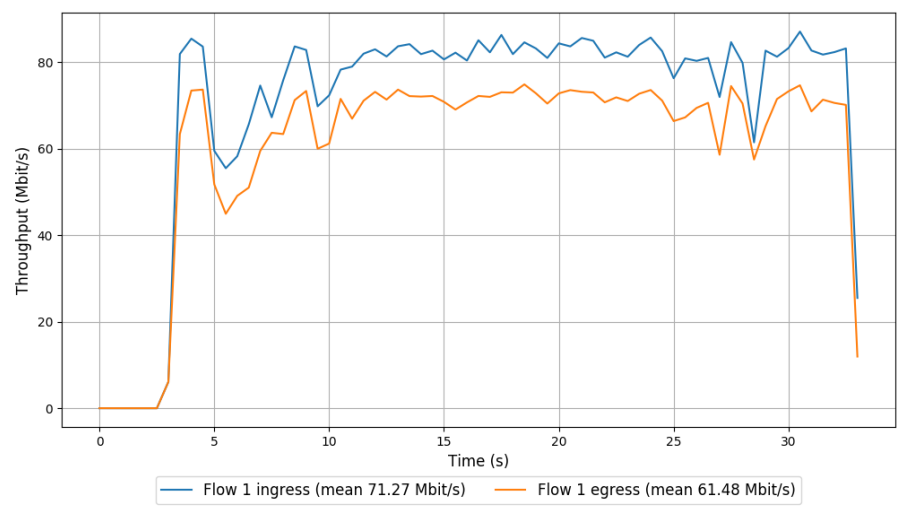
Average throughput: 61.48 Mbit/s

95th percentile per-packet one-way delay: 68.974 ms

Loss rate: 14.03%



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



Run 8: Statistics of TaoVA-100x

Start at: Thu, 29 Jun 2017 23:49:25 +0000

End at: Thu, 29 Jun 2017 23:49:55 +0000

Local clock offset: 0.386 ms

Remote clock offset: -0.931 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:21:50 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 60.52 Mbit/s

95th percentile per-packet one-way delay: 71.456 ms

Loss rate: 14.82%

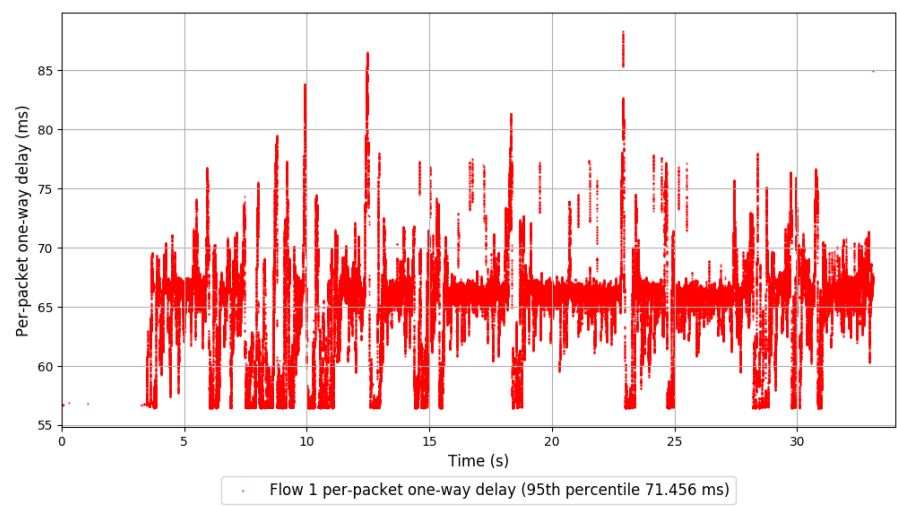
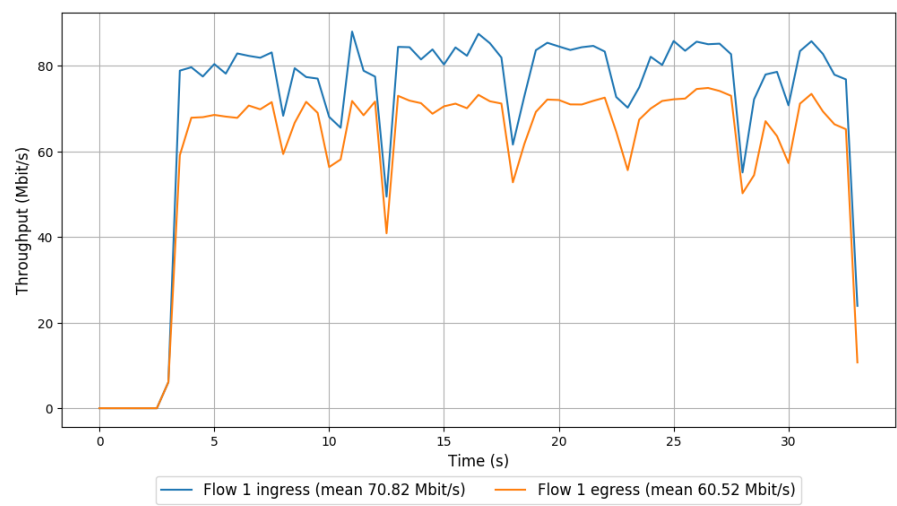
-- Flow 1:

Average throughput: 60.52 Mbit/s

95th percentile per-packet one-way delay: 71.456 ms

Loss rate: 14.82%

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



Run 9: Statistics of TaoVA-100x

Start at: Fri, 30 Jun 2017 00:06:51 +0000

End at: Fri, 30 Jun 2017 00:07:21 +0000

Local clock offset: 0.353 ms

Remote clock offset: -2.174 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:22:05 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 60.64 Mbit/s

95th percentile per-packet one-way delay: 69.461 ms

Loss rate: 14.23%

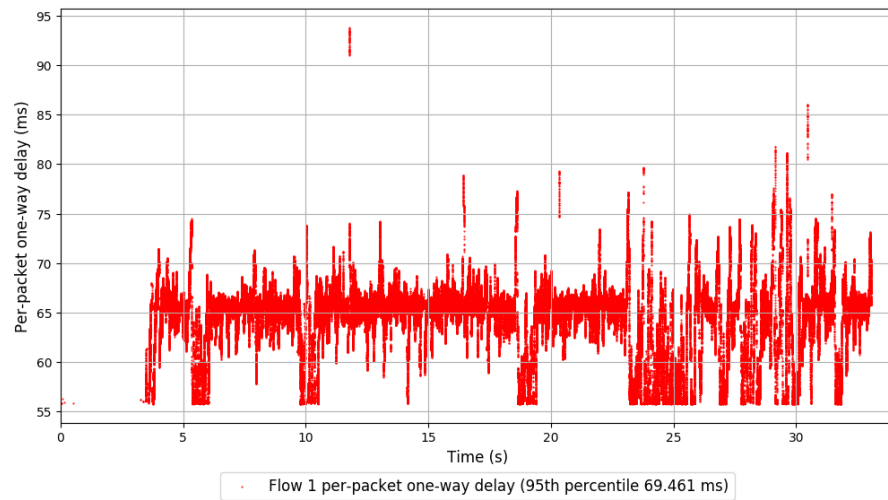
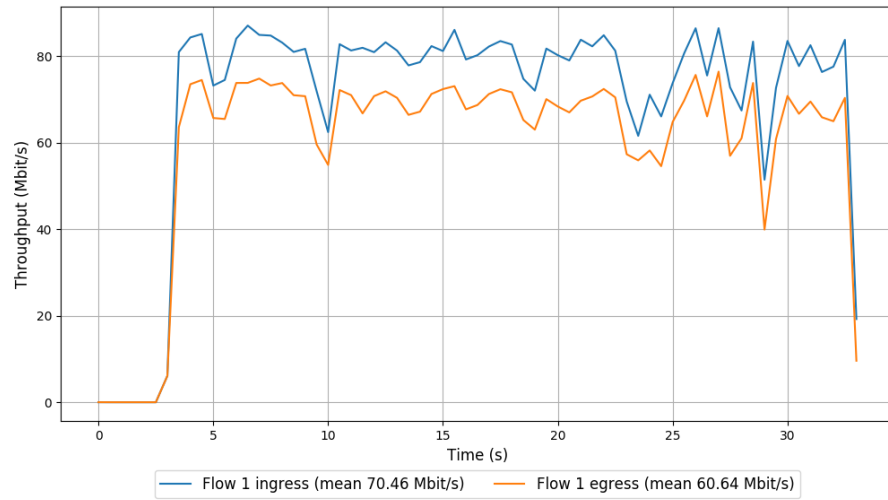
-- Flow 1:

Average throughput: 60.64 Mbit/s

95th percentile per-packet one-way delay: 69.461 ms

Loss rate: 14.23%

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



Run 10: Statistics of TaoVA-100x

Start at: Fri, 30 Jun 2017 00:24:17 +0000

End at: Fri, 30 Jun 2017 00:24:47 +0000

Local clock offset: 0.267 ms

Remote clock offset: -1.576 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:22:08 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 60.80 Mbit/s

95th percentile per-packet one-way delay: 70.067 ms

Loss rate: 14.04%

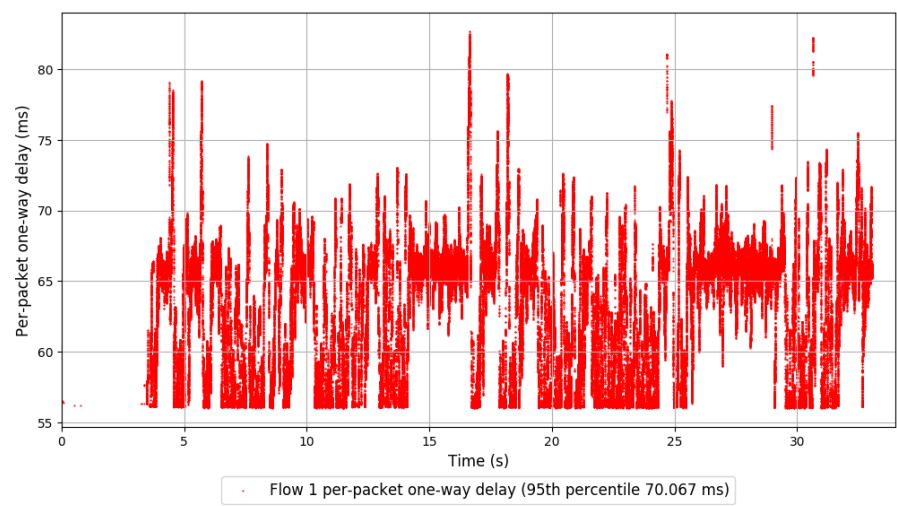
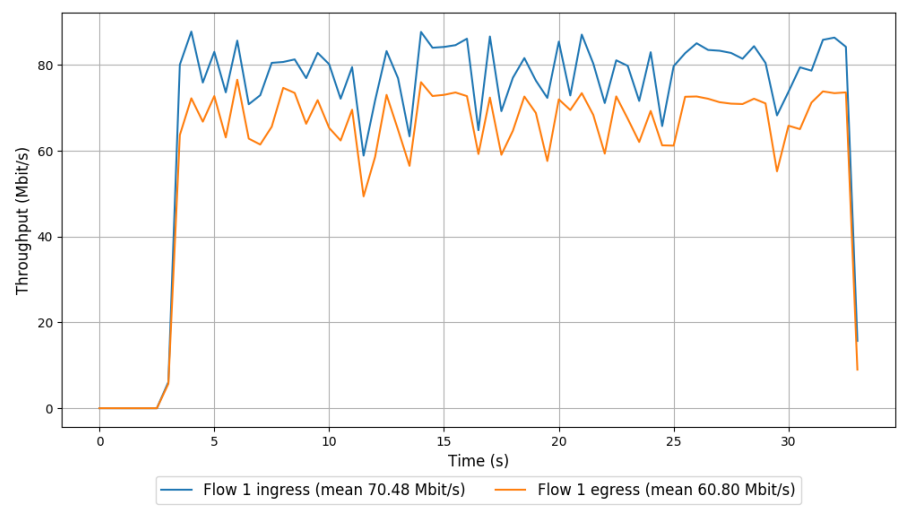
-- Flow 1:

Average throughput: 60.80 Mbit/s

95th percentile per-packet one-way delay: 70.067 ms

Loss rate: 14.04%

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



Run 1: Statistics of TCP Vegas

Start at: Thu, 29 Jun 2017 21:53:26 +0000

End at: Thu, 29 Jun 2017 21:53:56 +0000

Local clock offset: 0.7 ms

Remote clock offset: -10.63 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:22:08 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 10.88 Mbit/s

95th percentile per-packet one-way delay: 47.444 ms

Loss rate: 0.98%

-- Flow 1:

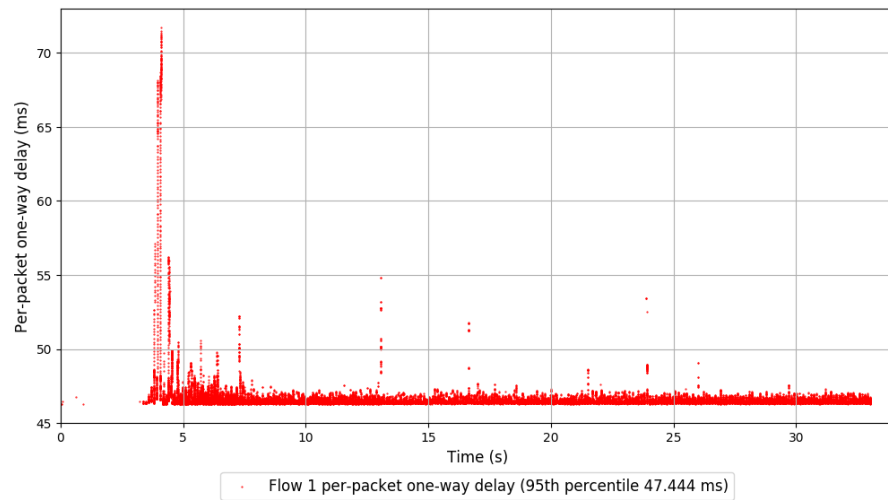
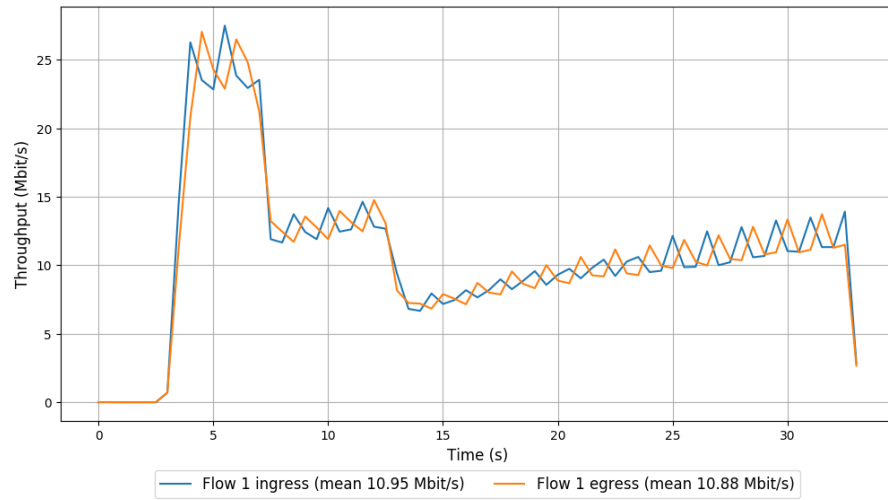
Average throughput: 10.88 Mbit/s

95th percentile per-packet one-way delay: 47.444 ms

Loss rate: 0.98%



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



Run 2: Statistics of TCP Vegas

Start at: Thu, 29 Jun 2017 22:10:59 +0000

End at: Thu, 29 Jun 2017 22:11:29 +0000

Local clock offset: 0.653 ms

Remote clock offset: -8.592 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:22:11 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 20.83 Mbit/s

95th percentile per-packet one-way delay: 50.351 ms

Loss rate: 1.03%

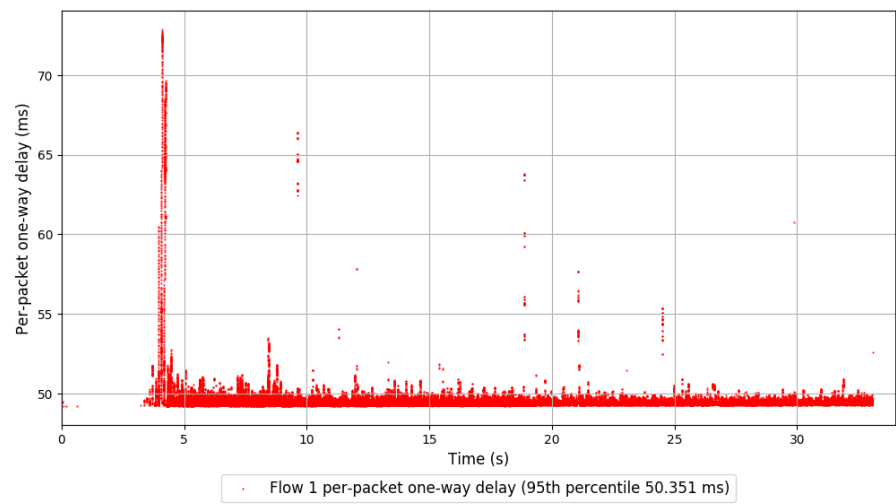
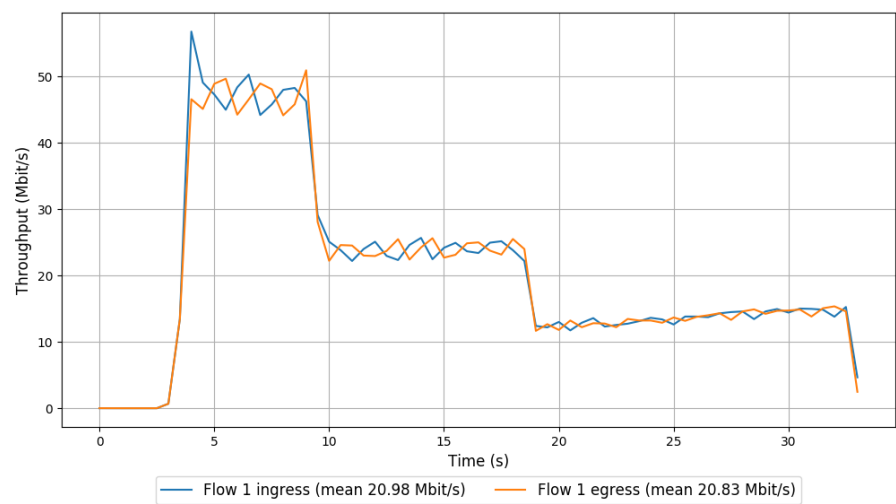
-- Flow 1:

Average throughput: 20.83 Mbit/s

95th percentile per-packet one-way delay: 50.351 ms

Loss rate: 1.03%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: Thu, 29 Jun 2017 22:28:25 +0000

End at: Thu, 29 Jun 2017 22:28:55 +0000

Local clock offset: 0.608 ms

Remote clock offset: -6.411 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:22:11 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 15.76 Mbit/s

95th percentile per-packet one-way delay: 51.384 ms

Loss rate: 1.13%

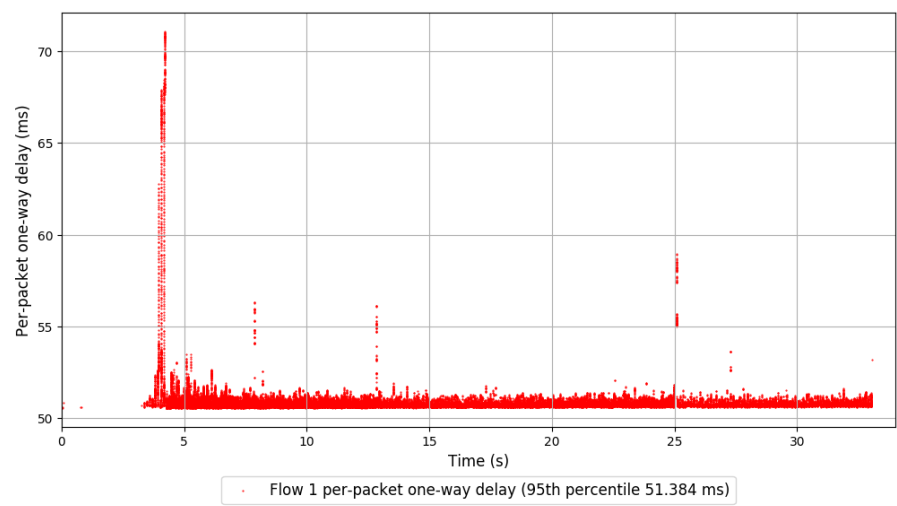
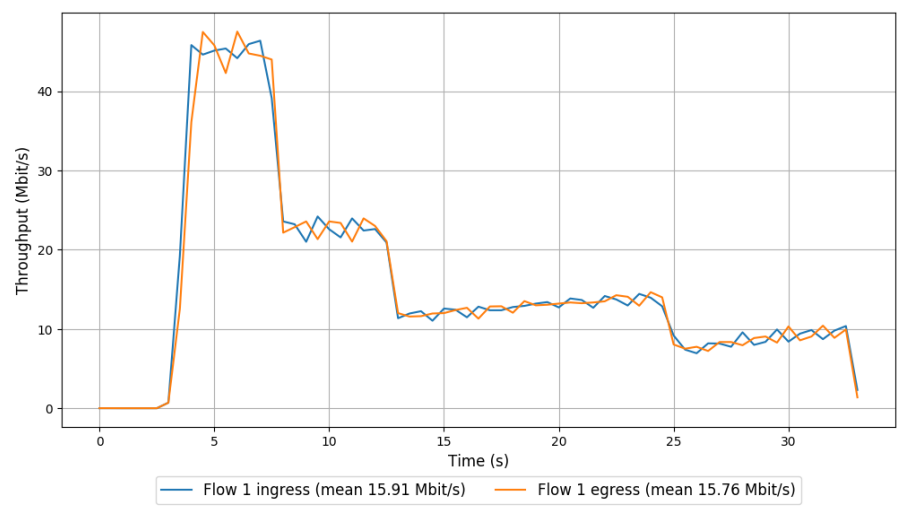
-- Flow 1:

Average throughput: 15.76 Mbit/s

95th percentile per-packet one-way delay: 51.384 ms

Loss rate: 1.13%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: Thu, 29 Jun 2017 22:45:49 +0000

End at: Thu, 29 Jun 2017 22:46:19 +0000

Local clock offset: 0.597 ms

Remote clock offset: -4.627 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:22:13 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 9.44 Mbit/s

95th percentile per-packet one-way delay: 55.390 ms

Loss rate: 1.67%

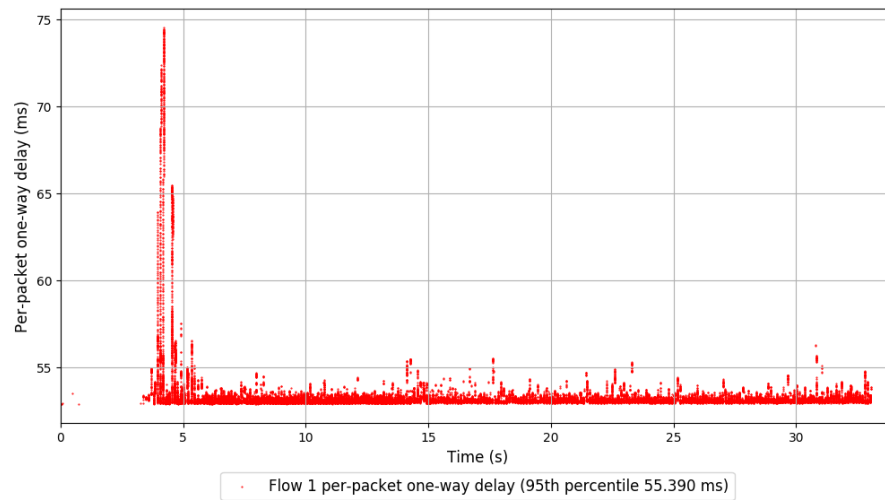
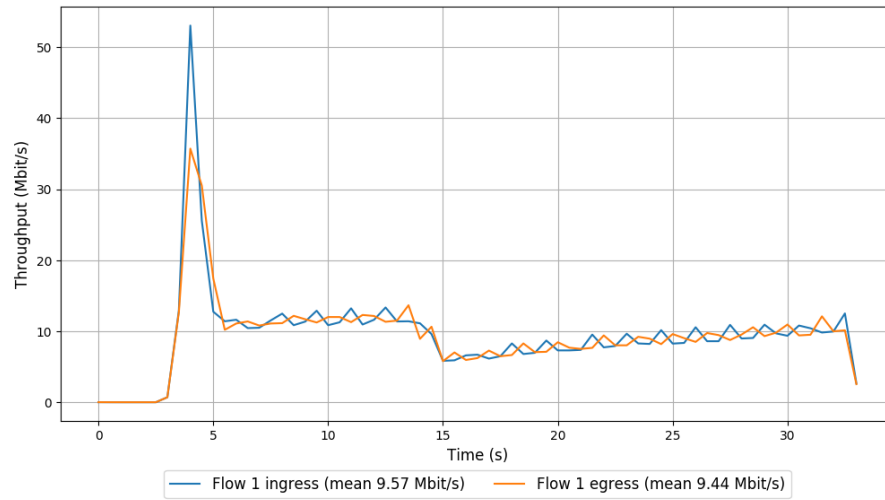
-- Flow 1:

Average throughput: 9.44 Mbit/s

95th percentile per-packet one-way delay: 55.390 ms

Loss rate: 1.67%

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



Run 5: Statistics of TCP Vegas

Start at: Thu, 29 Jun 2017 23:03:13 +0000

End at: Thu, 29 Jun 2017 23:03:43 +0000

Local clock offset: 0.52 ms

Remote clock offset: -2.878 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:22:13 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 13.53 Mbit/s

95th percentile per-packet one-way delay: 56.077 ms

Loss rate: 1.58%

-- Flow 1:

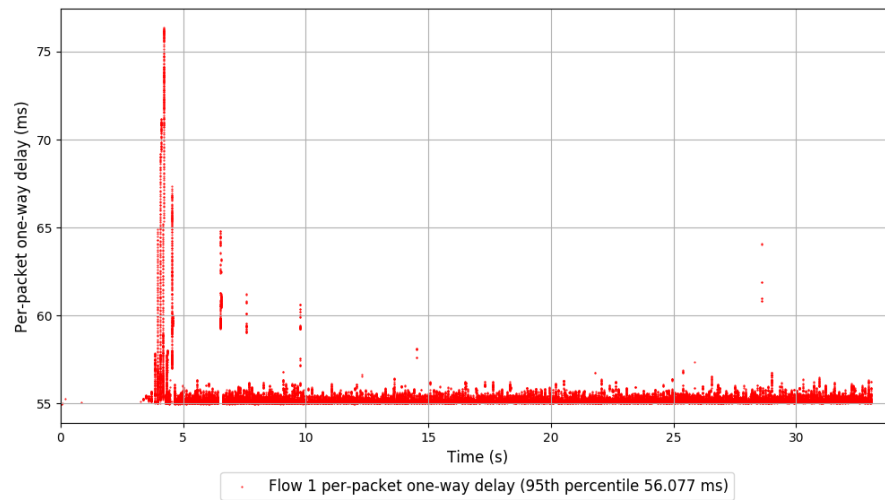
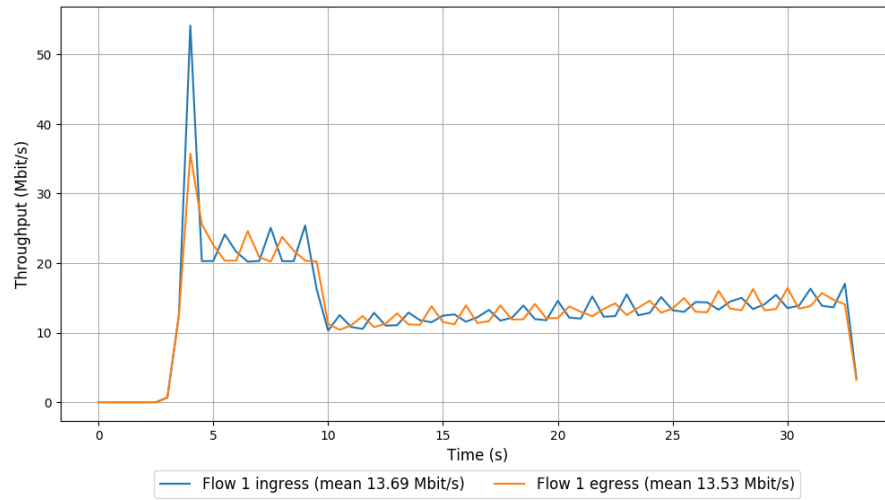
Average throughput: 13.53 Mbit/s

95th percentile per-packet one-way delay: 56.077 ms

Loss rate: 1.58%



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



Run 6: Statistics of TCP Vegas

Start at: Thu, 29 Jun 2017 23:20:29 +0000

End at: Thu, 29 Jun 2017 23:20:59 +0000

Local clock offset: 0.508 ms

Remote clock offset: -1.99 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:22:15 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 14.70 Mbit/s

95th percentile per-packet one-way delay: 57.906 ms

Loss rate: 1.40%

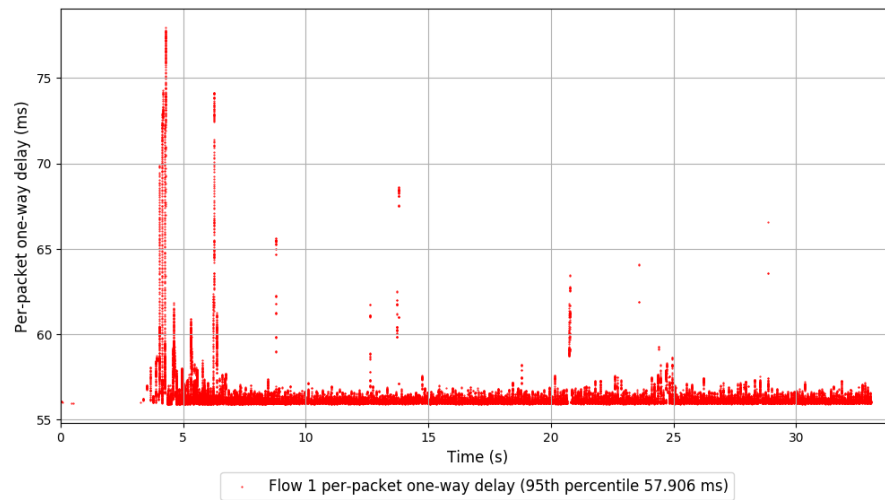
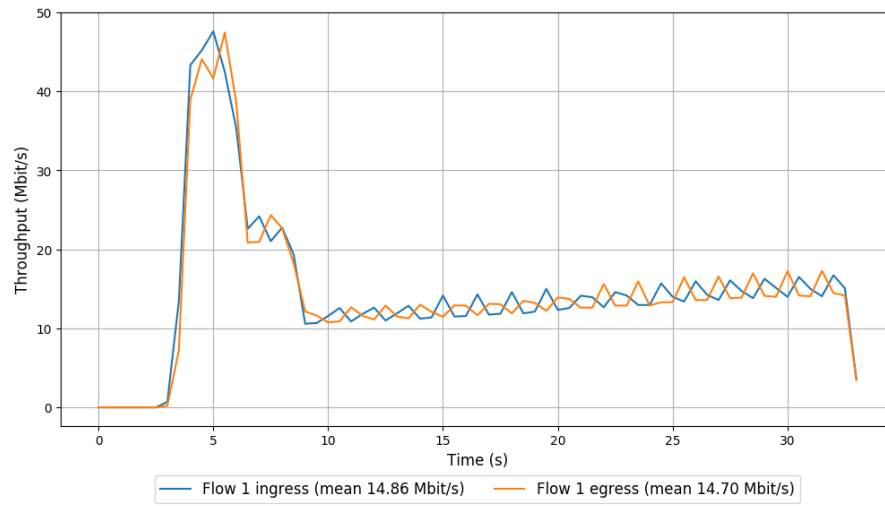
-- Flow 1:

Average throughput: 14.70 Mbit/s

95th percentile per-packet one-way delay: 57.906 ms

Loss rate: 1.40%

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



Run 7: Statistics of TCP Vegas

Start at: Thu, 29 Jun 2017 23:37:55 +0000

End at: Thu, 29 Jun 2017 23:38:25 +0000

Local clock offset: 0.445 ms

Remote clock offset: -0.725 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:22:16 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 12.16 Mbit/s

95th percentile per-packet one-way delay: 58.049 ms

Loss rate: 1.48%

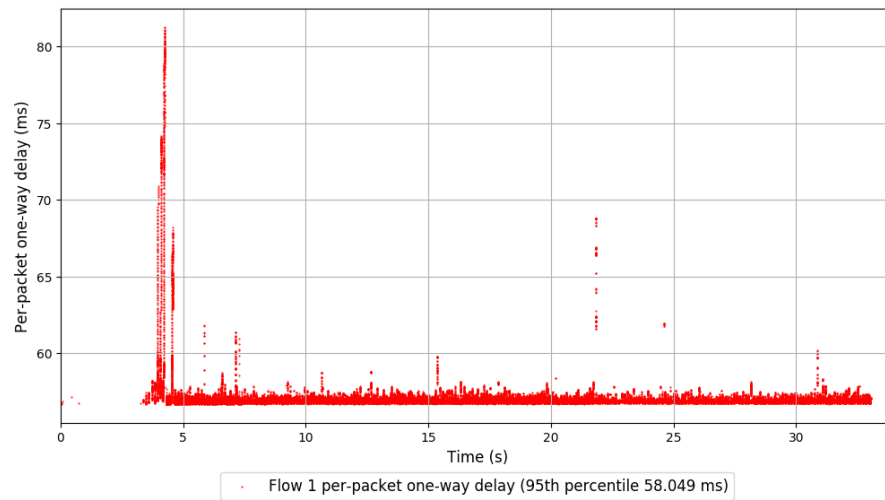
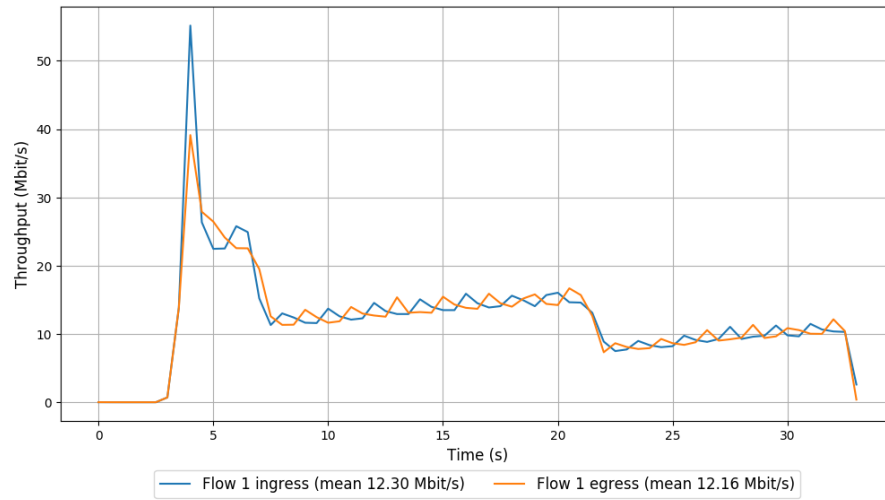
-- Flow 1:

Average throughput: 12.16 Mbit/s

95th percentile per-packet one-way delay: 58.049 ms

Loss rate: 1.48%

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



Run 8: Statistics of TCP Vegas

Start at: Thu, 29 Jun 2017 23:55:11 +0000

End at: Thu, 29 Jun 2017 23:55:42 +0000

Local clock offset: 0.367 ms

Remote clock offset: -0.991 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:22:22 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 37.02 Mbit/s

95th percentile per-packet one-way delay: 57.294 ms

Loss rate: 0.59%

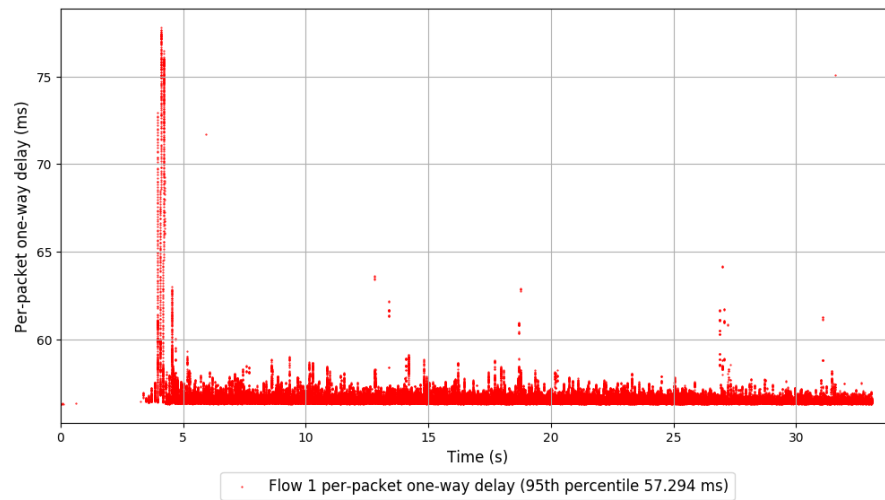
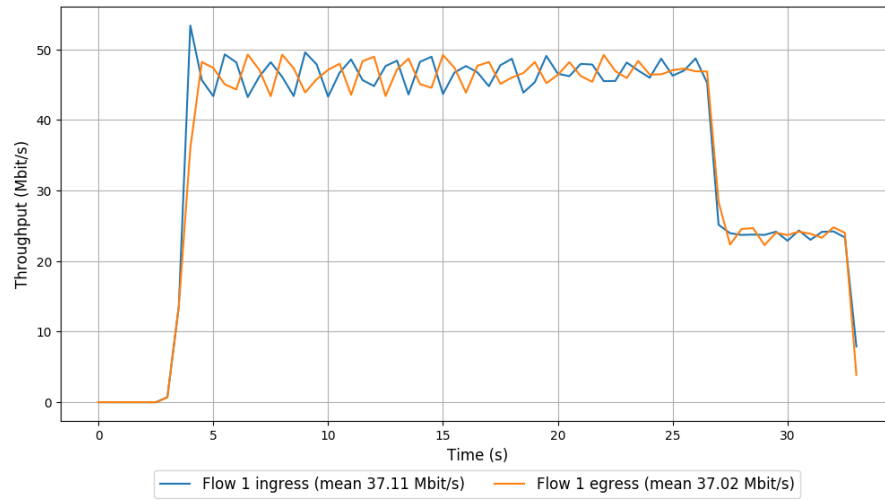
-- Flow 1:

Average throughput: 37.02 Mbit/s

95th percentile per-packet one-way delay: 57.294 ms

Loss rate: 0.59%

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



Run 9: Statistics of TCP Vegas

Start at: Fri, 30 Jun 2017 00:12:37 +0000

End at: Fri, 30 Jun 2017 00:13:07 +0000

Local clock offset: 0.358 ms

Remote clock offset: -1.566 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:22:22 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 13.79 Mbit/s

95th percentile per-packet one-way delay: 56.372 ms

Loss rate: 0.93%

-- Flow 1:

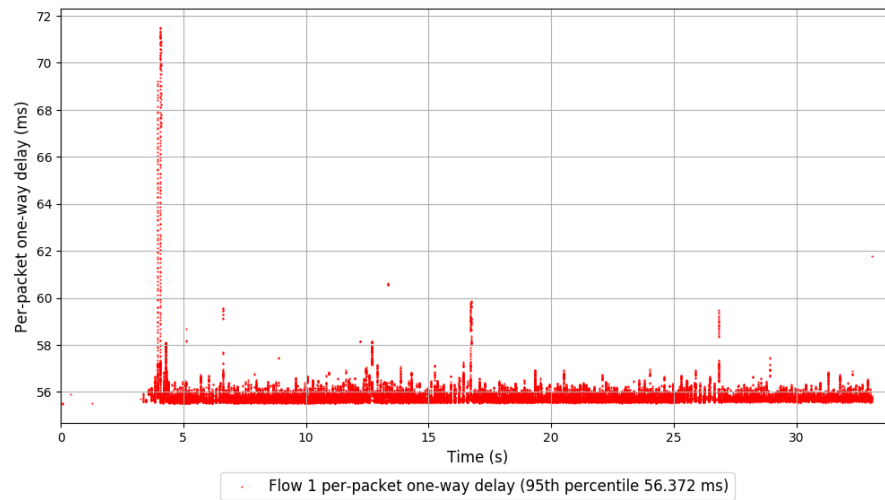
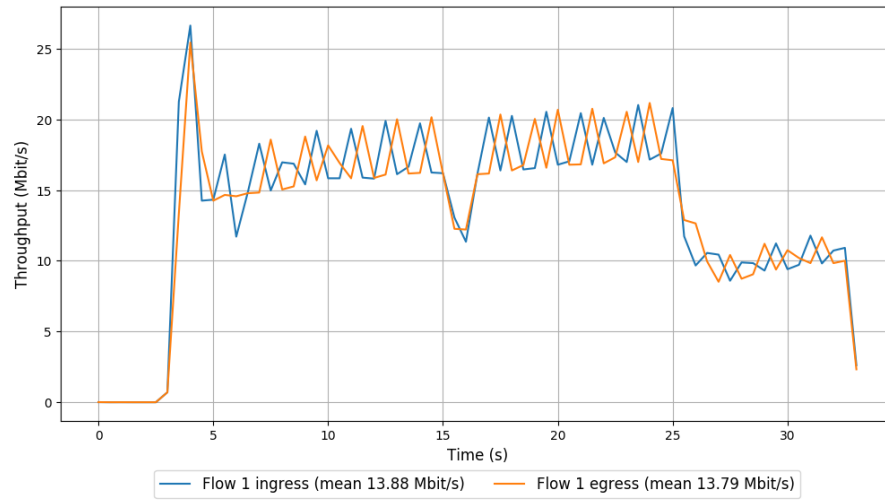
Average throughput: 13.79 Mbit/s

95th percentile per-packet one-way delay: 56.372 ms

Loss rate: 0.93%



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



Run 10: Statistics of TCP Vegas

Start at: Fri, 30 Jun 2017 00:30:03 +0000

End at: Fri, 30 Jun 2017 00:30:33 +0000

Local clock offset: 0.284 ms

Remote clock offset: -1.88 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:22:22 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 8.41 Mbit/s

95th percentile per-packet one-way delay: 62.800 ms

Loss rate: 1.98%

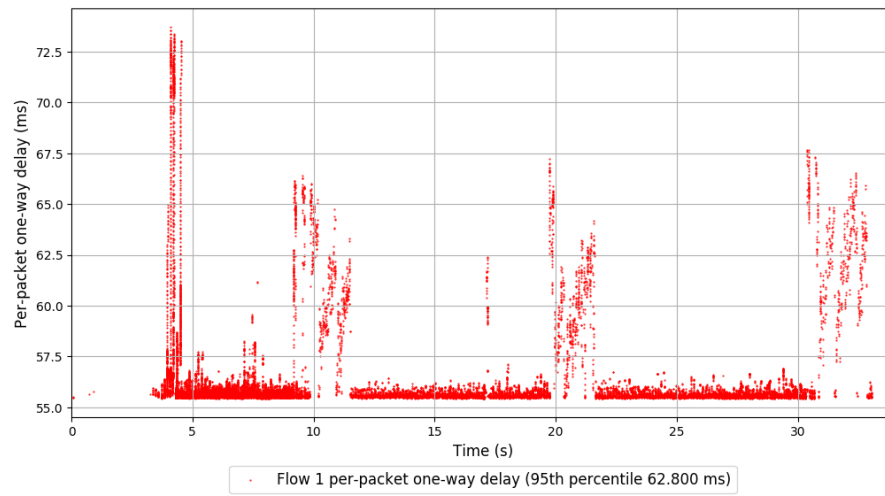
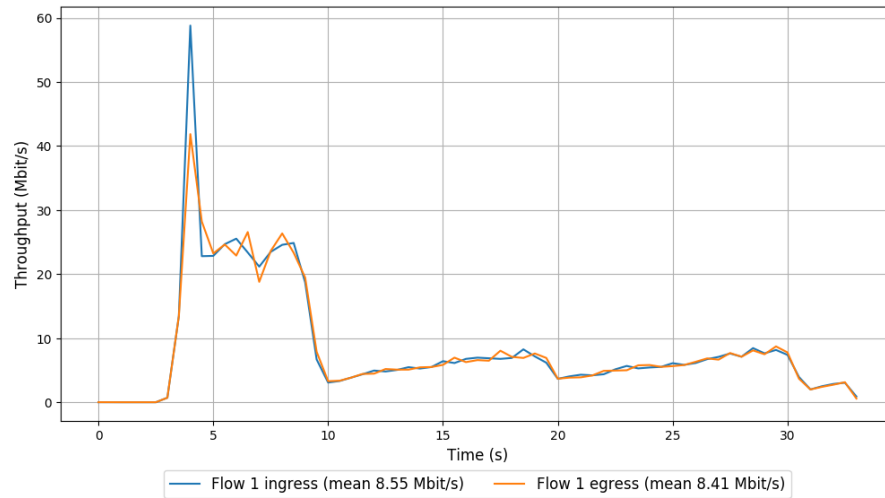
-- Flow 1:

Average throughput: 8.41 Mbit/s

95th percentile per-packet one-way delay: 62.800 ms

Loss rate: 1.98%

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



Run 1: Statistics of Verus

Start at: Thu, 29 Jun 2017 22:00:24 +0000

End at: Thu, 29 Jun 2017 22:00:54 +0000

Local clock offset: 0.689 ms

Remote clock offset: -10.65 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:22:32 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 43.39 Mbit/s

95th percentile per-packet one-way delay: 75.985 ms

Loss rate: 83.78%

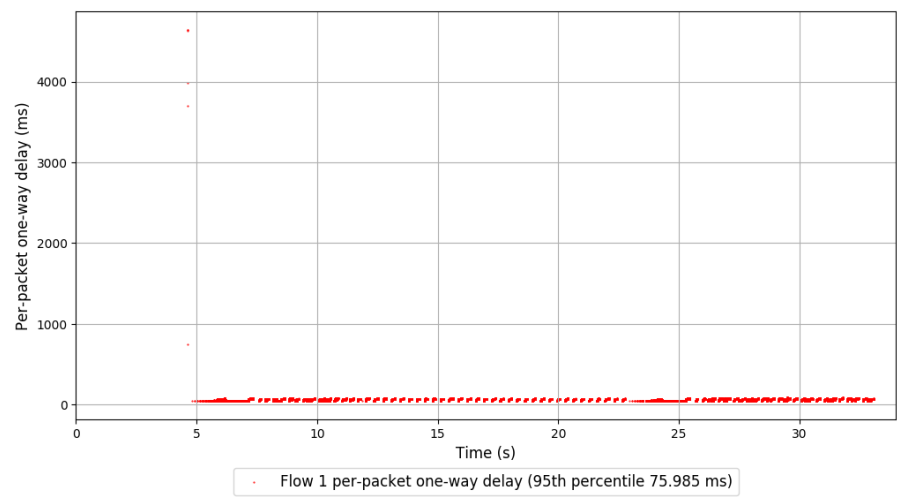
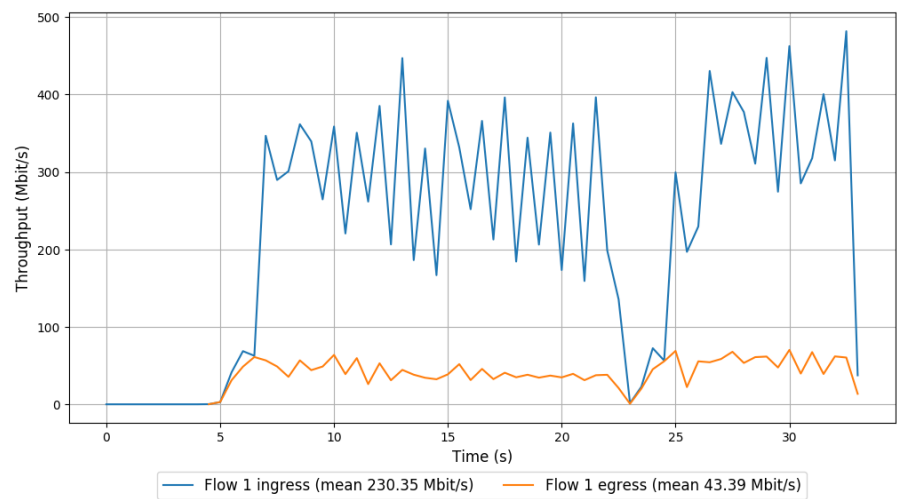
-- Flow 1:

Average throughput: 43.39 Mbit/s

95th percentile per-packet one-way delay: 75.985 ms

Loss rate: 83.78%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: Thu, 29 Jun 2017 22:17:56 +0000

End at: Thu, 29 Jun 2017 22:18:26 +0000

Local clock offset: 0.619 ms

Remote clock offset: -7.896 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:22:32 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 42.93 Mbit/s

95th percentile per-packet one-way delay: 77.218 ms

Loss rate: 79.08%

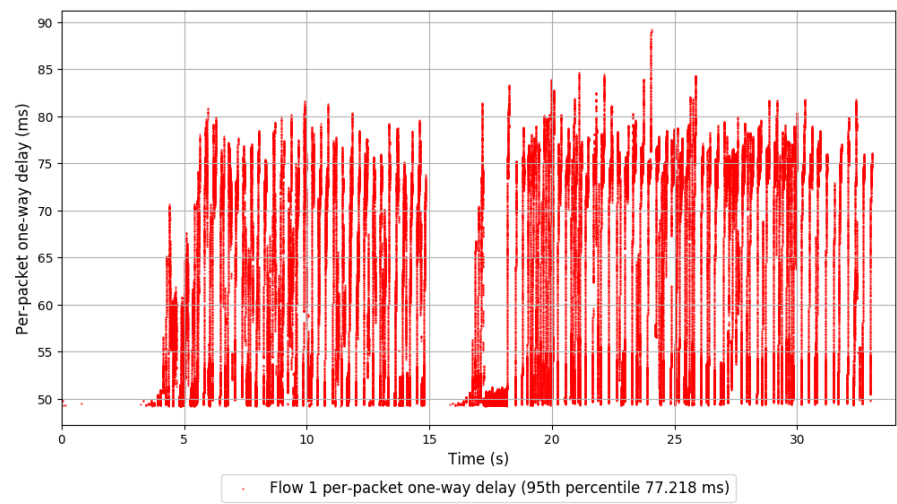
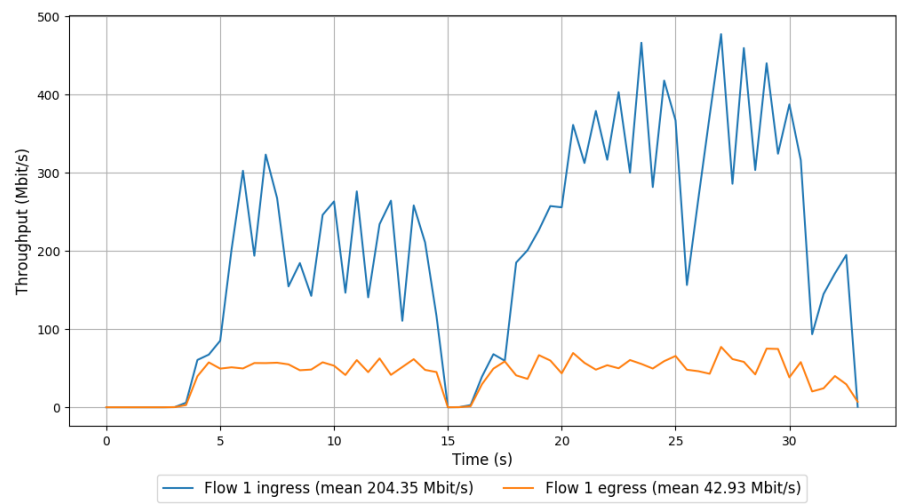
-- Flow 1:

Average throughput: 42.93 Mbit/s

95th percentile per-packet one-way delay: 77.218 ms

Loss rate: 79.08%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: Thu, 29 Jun 2017 22:35:21 +0000

End at: Thu, 29 Jun 2017 22:35:51 +0000

Local clock offset: 0.628 ms

Remote clock offset: -5.27 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:22:42 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 40.86 Mbit/s

95th percentile per-packet one-way delay: 81.026 ms

Loss rate: 81.15%

-- Flow 1:

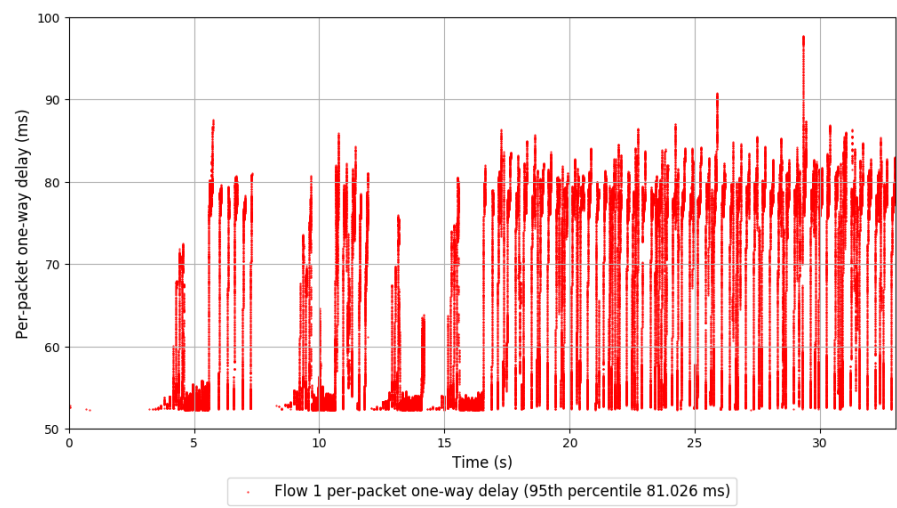
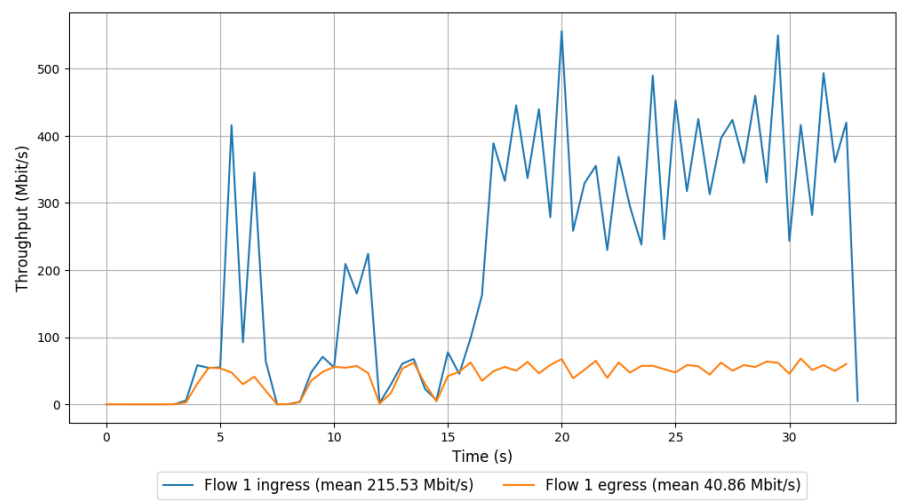
Average throughput: 40.86 Mbit/s

95th percentile per-packet one-way delay: 81.026 ms

Loss rate: 81.15%



Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: Thu, 29 Jun 2017 22:52:42 +0000

End at: Thu, 29 Jun 2017 22:53:12 +0000

Local clock offset: 0.554 ms

Remote clock offset: -4.232 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:22:42 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 41.42 Mbit/s

95th percentile per-packet one-way delay: 79.700 ms

Loss rate: 60.78%

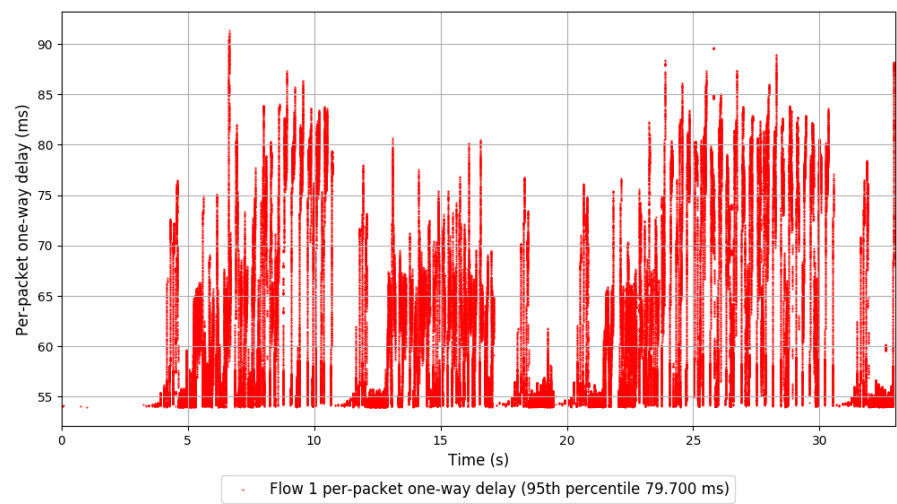
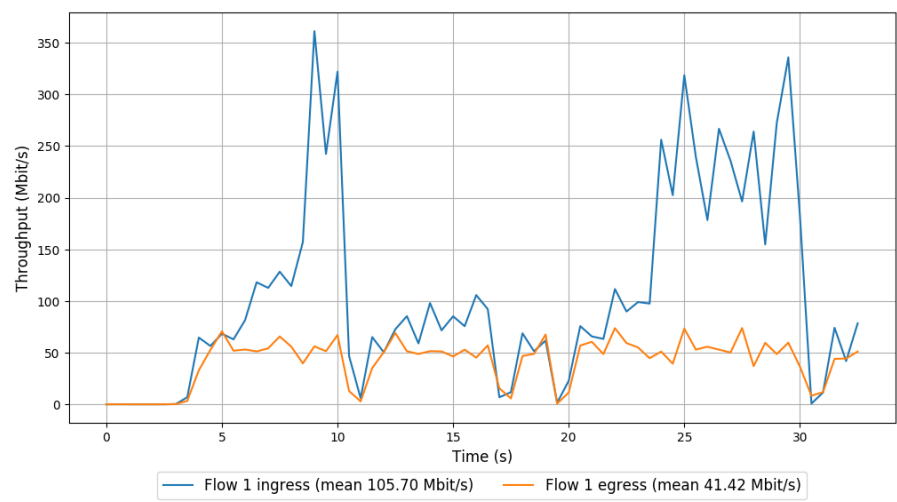
-- Flow 1:

Average throughput: 41.42 Mbit/s

95th percentile per-packet one-way delay: 79.700 ms

Loss rate: 60.78%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: Thu, 29 Jun 2017 23:09:58 +0000

End at: Thu, 29 Jun 2017 23:10:28 +0000

Local clock offset: 0.492 ms

Remote clock offset: -2.624 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:22:49 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 40.00 Mbit/s

95th percentile per-packet one-way delay: 84.028 ms

Loss rate: 78.19%

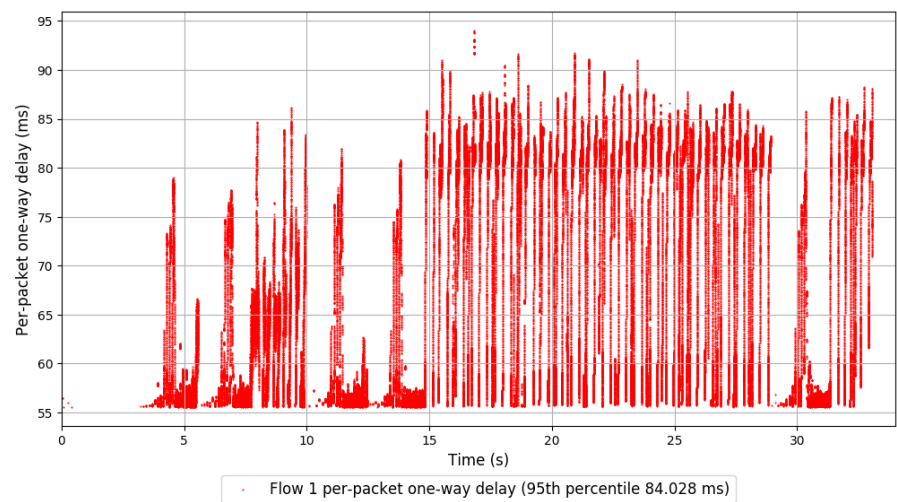
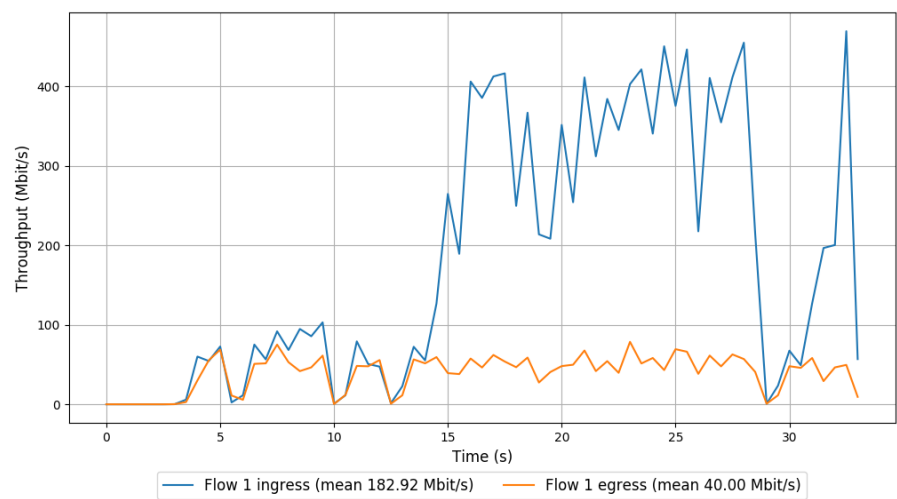
-- Flow 1:

Average throughput: 40.00 Mbit/s

95th percentile per-packet one-way delay: 84.028 ms

Loss rate: 78.19%

Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: Thu, 29 Jun 2017 23:27:26 +0000

End at: Thu, 29 Jun 2017 23:27:56 +0000

Local clock offset: 0.51 ms

Remote clock offset: -1.54 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:22:54 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 40.31 Mbit/s

95th percentile per-packet one-way delay: 84.976 ms

Loss rate: 82.30%

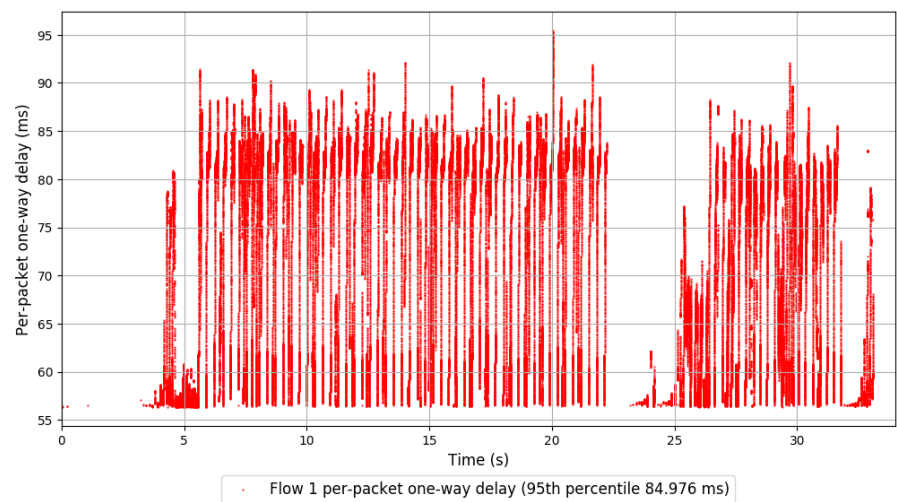
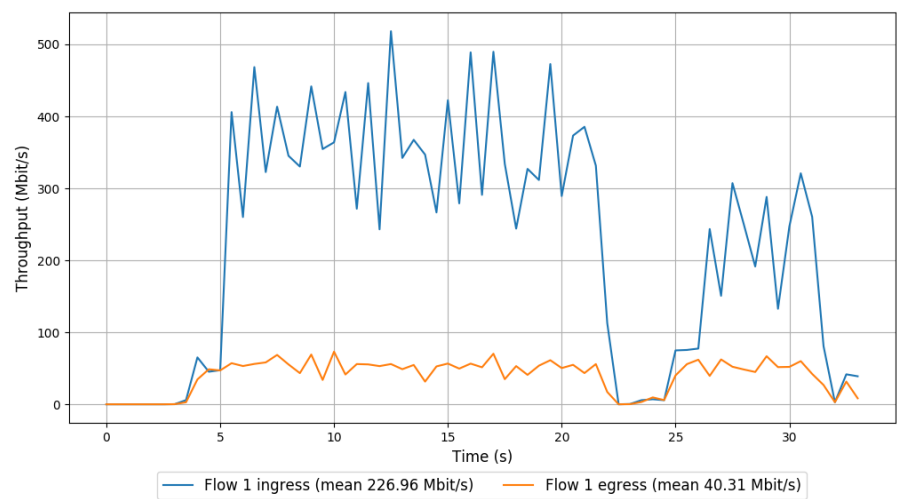
-- Flow 1:

Average throughput: 40.31 Mbit/s

95th percentile per-packet one-way delay: 84.976 ms

Loss rate: 82.30%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: Thu, 29 Jun 2017 23:44:53 +0000

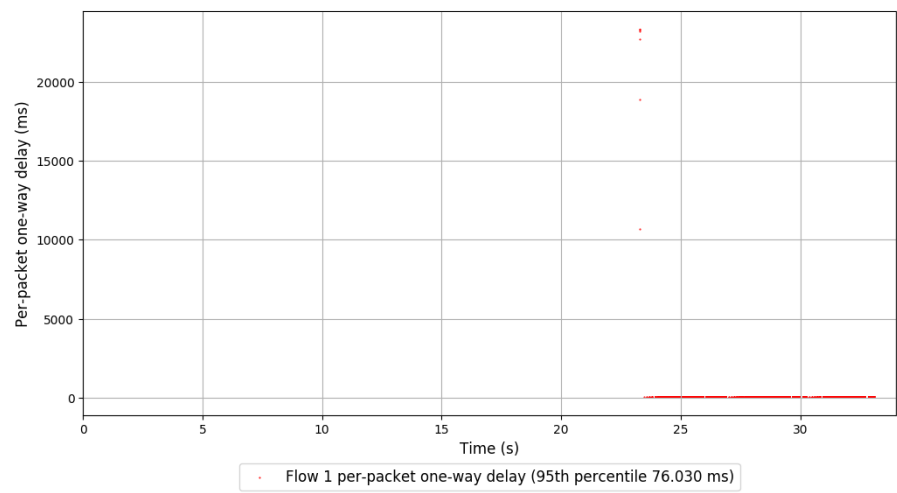
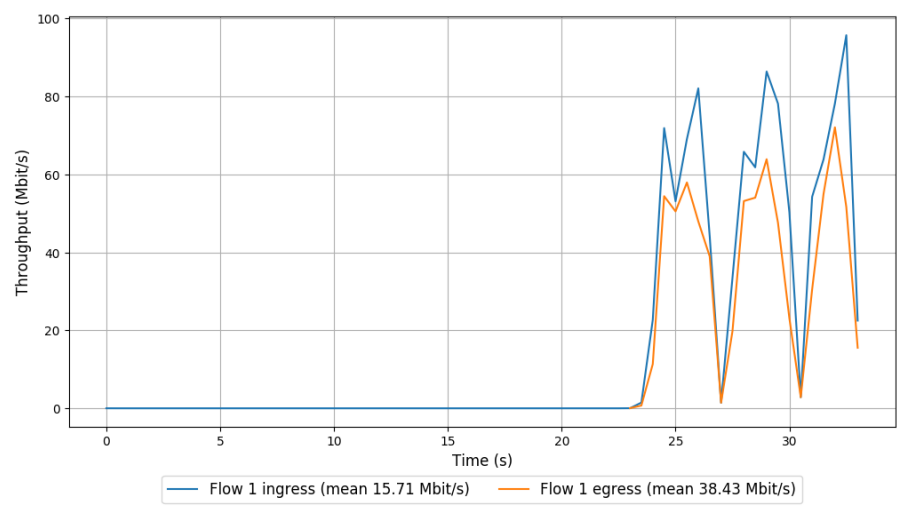
End at: Thu, 29 Jun 2017 23:45:23 +0000

Local clock offset: 0.477 ms

Remote clock offset: -0.827 ms



Run 7: Report of Verus — Data Link



Run 8: Statistics of Verus

Start at: Fri, 30 Jun 2017 00:02:09 +0000

End at: Fri, 30 Jun 2017 00:02:39 +0000

Local clock offset: 0.365 ms

Remote clock offset: -1.395 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:23:01 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 41.22 Mbit/s

95th percentile per-packet one-way delay: 84.800 ms

Loss rate: 80.88%

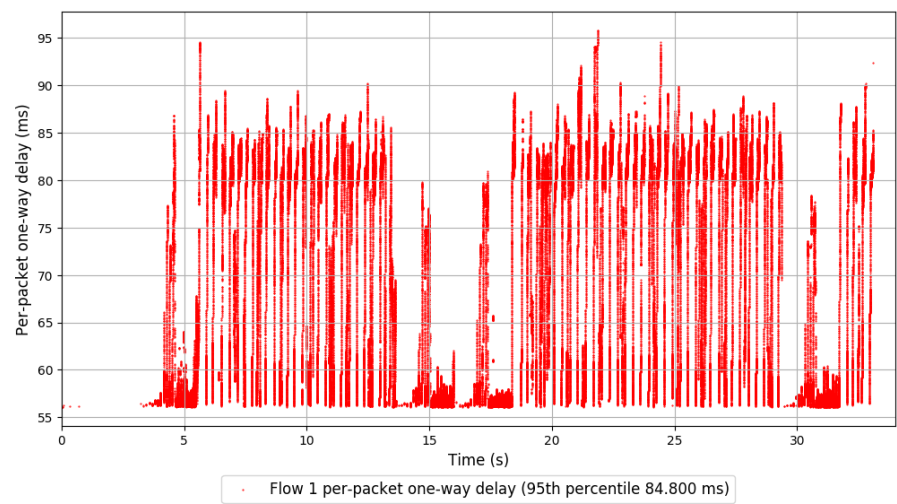
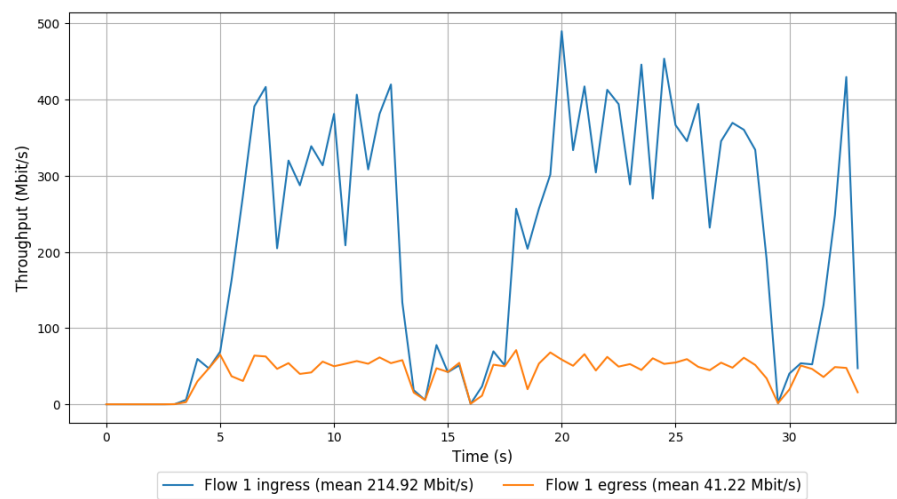
-- Flow 1:

Average throughput: 41.22 Mbit/s

95th percentile per-packet one-way delay: 84.800 ms

Loss rate: 80.88%

Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

Start at: Fri, 30 Jun 2017 00:19:34 +0000

End at: Fri, 30 Jun 2017 00:20:04 +0000

Local clock offset: 0.3 ms

Remote clock offset: -1.068 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:23:04 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 40.30 Mbit/s

95th percentile per-packet one-way delay: 84.937 ms

Loss rate: 76.96%

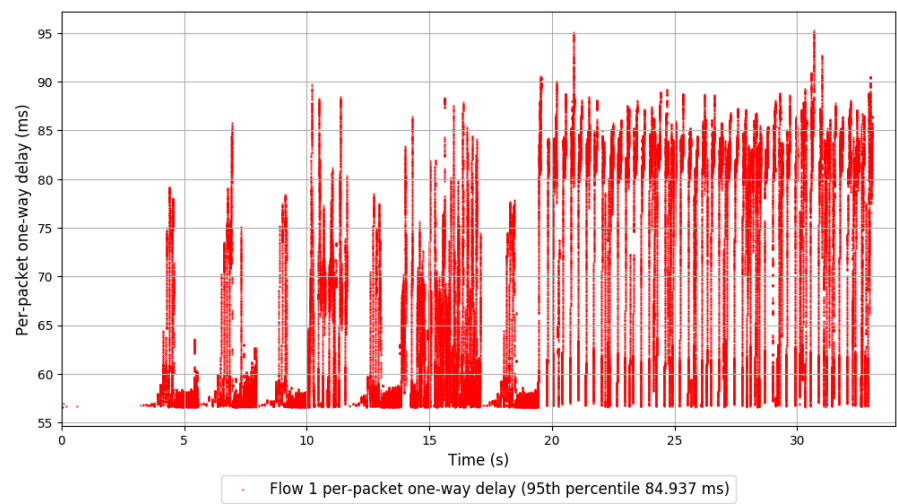
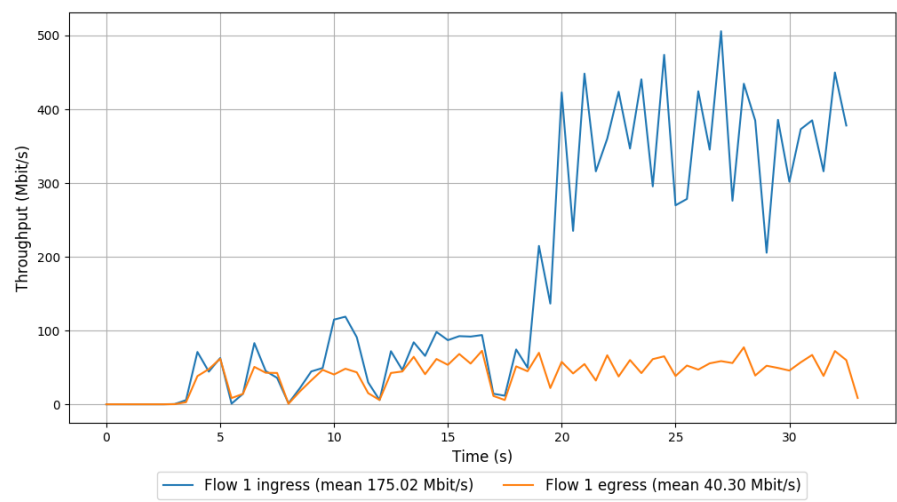
-- Flow 1:

Average throughput: 40.30 Mbit/s

95th percentile per-packet one-way delay: 84.937 ms

Loss rate: 76.96%

Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

Start at: Fri, 30 Jun 2017 00:37:04 +0000

End at: Fri, 30 Jun 2017 00:37:34 +0000

Local clock offset: 0.285 ms

Remote clock offset: -2.762 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:23:16 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 43.29 Mbit/s

95th percentile per-packet one-way delay: 84.554 ms

Loss rate: 84.69%

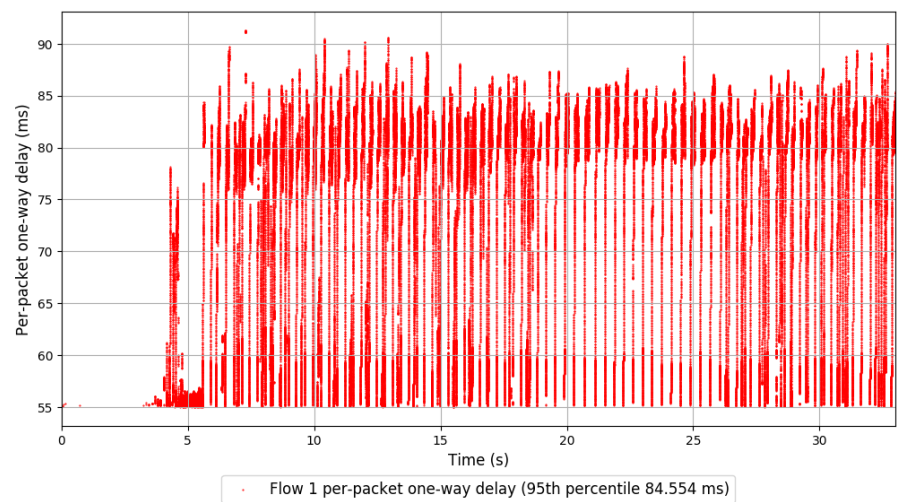
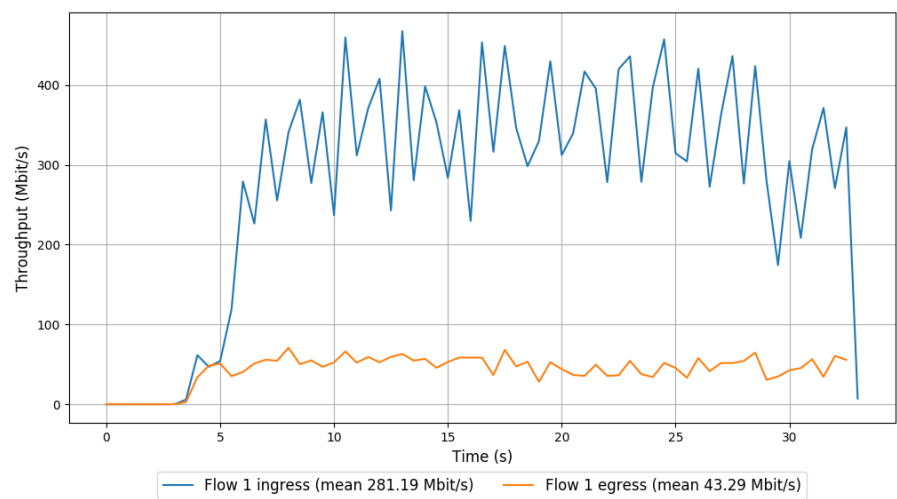
-- Flow 1:

Average throughput: 43.29 Mbit/s

95th percentile per-packet one-way delay: 84.554 ms

Loss rate: 84.69%

Run 10: Report of Verus — Data Link



Run 1: Statistics of WebRTC media

Start at: Thu, 29 Jun 2017 21:50:05 +0000

End at: Thu, 29 Jun 2017 21:50:35 +0000

Local clock offset: 0.665 ms

Remote clock offset: -11.384 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:23:16 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.80 Mbit/s

95th percentile per-packet one-way delay: 46.793 ms

Loss rate: 0.50%

-- Flow 1:

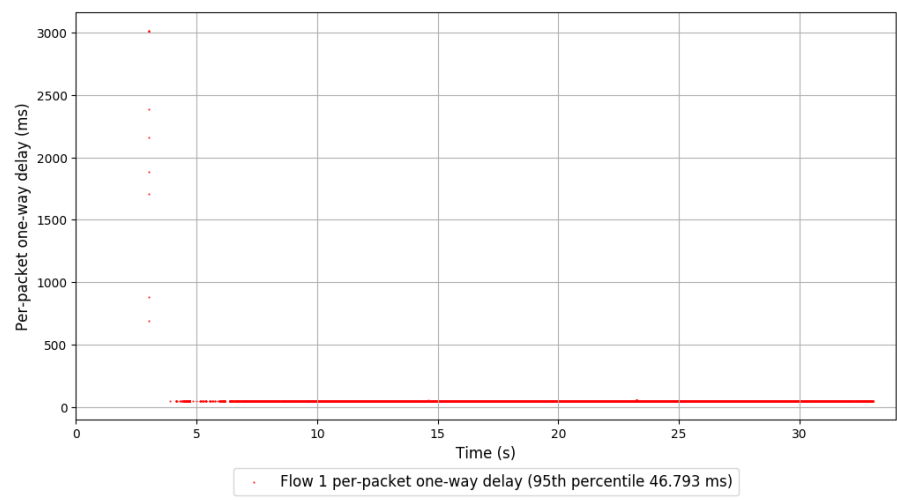
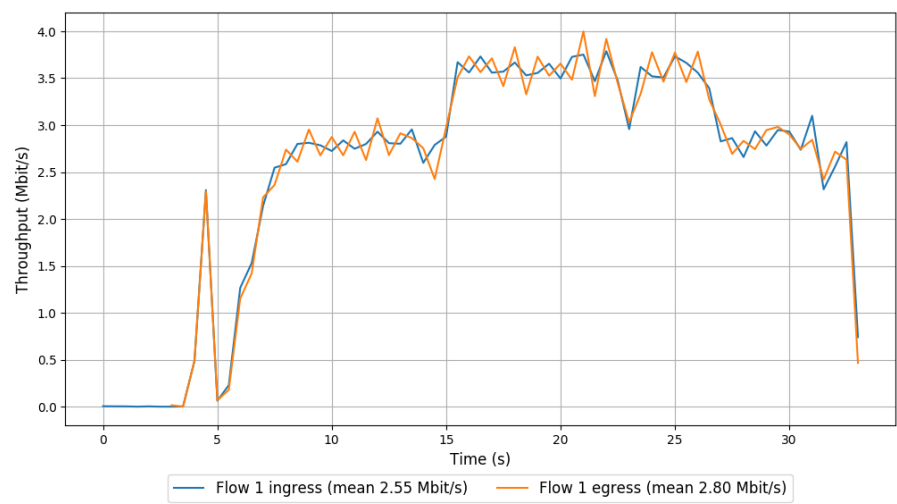
Average throughput: 2.80 Mbit/s

95th percentile per-packet one-way delay: 46.793 ms

Loss rate: 0.50%



Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: Thu, 29 Jun 2017 22:07:38 +0000

End at: Thu, 29 Jun 2017 22:08:08 +0000

Local clock offset: 0.687 ms

Remote clock offset: -9.408 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:23:16 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 48.805 ms

Loss rate: 0.47%

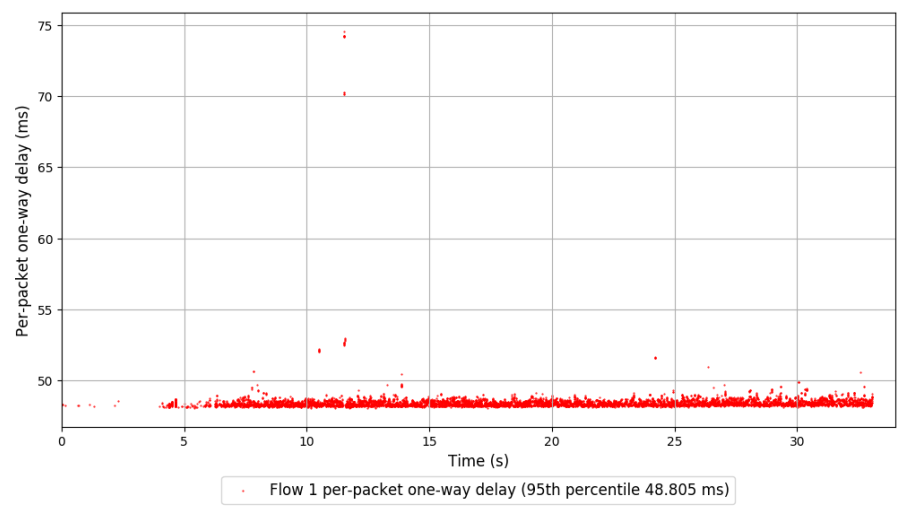
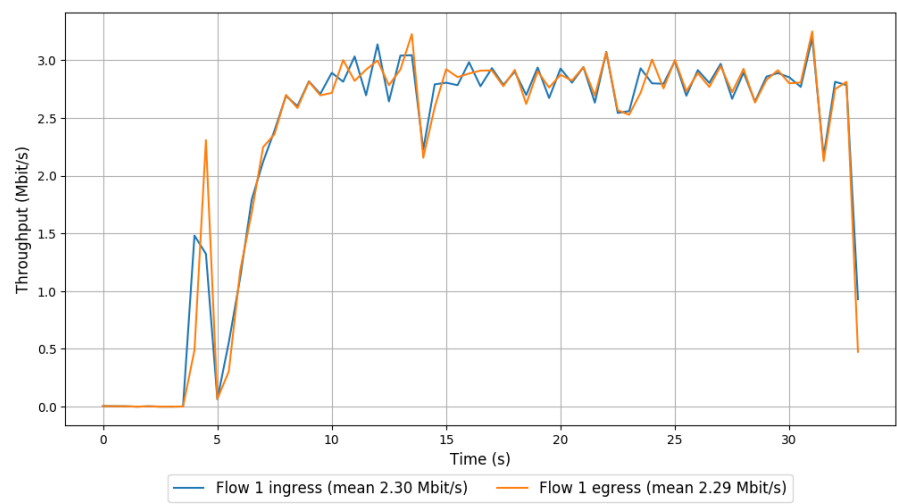
-- Flow 1:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 48.805 ms

Loss rate: 0.47%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: Thu, 29 Jun 2017 22:25:04 +0000

End at: Thu, 29 Jun 2017 22:25:34 +0000

Local clock offset: 0.637 ms

Remote clock offset: -6.623 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:23:16 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.53 Mbit/s

95th percentile per-packet one-way delay: 51.307 ms

Loss rate: 0.49%

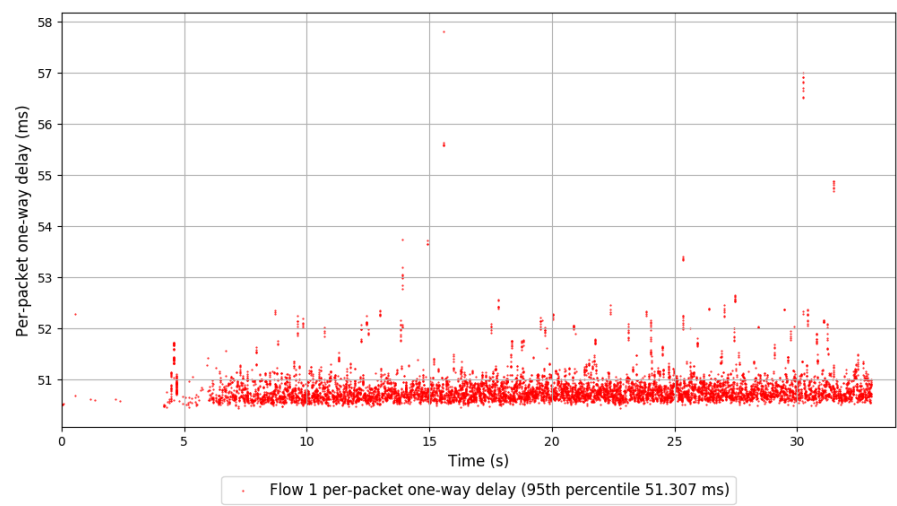
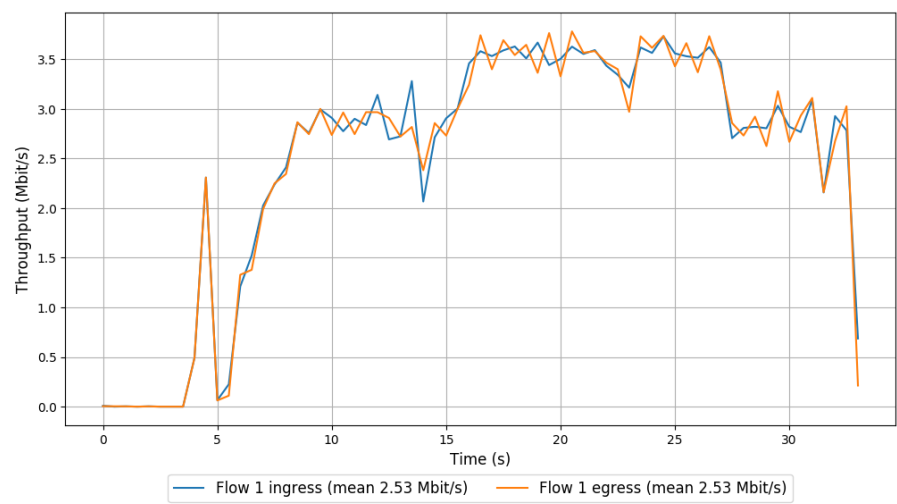
-- Flow 1:

Average throughput: 2.53 Mbit/s

95th percentile per-packet one-way delay: 51.307 ms

Loss rate: 0.49%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: Thu, 29 Jun 2017 22:42:29 +0000

End at: Thu, 29 Jun 2017 22:42:59 +0000

Local clock offset: 0.599 ms

Remote clock offset: -4.9 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:23:16 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 53.352 ms

Loss rate: 0.45%

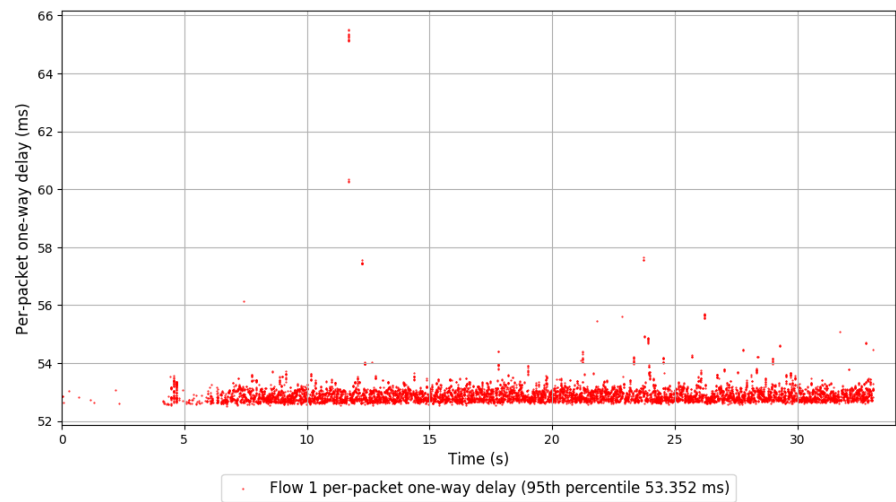
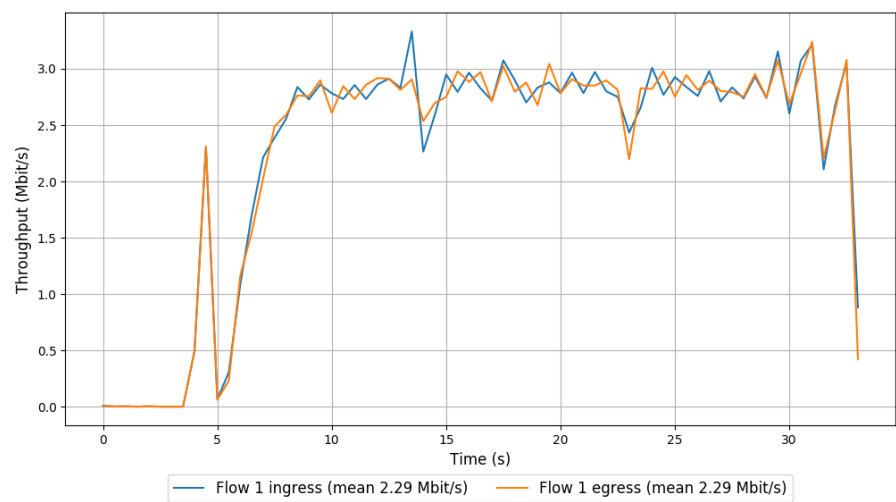
-- Flow 1:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 53.352 ms

Loss rate: 0.45%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: Thu, 29 Jun 2017 22:59:53 +0000

End at: Thu, 29 Jun 2017 23:00:23 +0000

Local clock offset: 0.525 ms

Remote clock offset: -3.436 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:23:16 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.89 Mbit/s

95th percentile per-packet one-way delay: 54.914 ms

Loss rate: 0.73%

-- Flow 1:

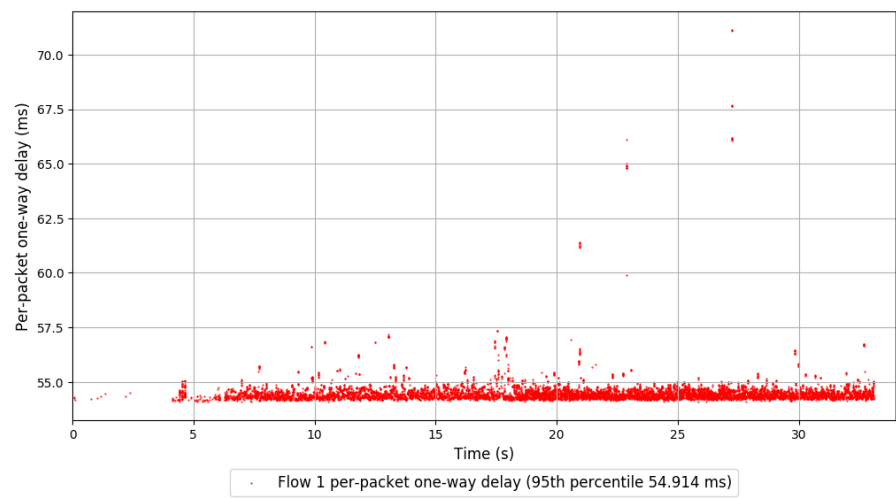
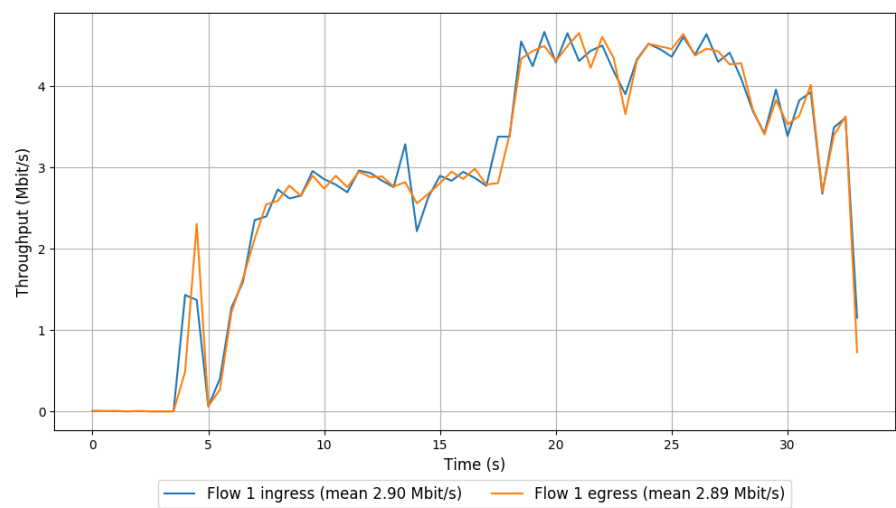
Average throughput: 2.89 Mbit/s

95th percentile per-packet one-way delay: 54.914 ms

Loss rate: 0.73%



Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: Thu, 29 Jun 2017 23:17:09 +0000

End at: Thu, 29 Jun 2017 23:17:39 +0000

Local clock offset: 0.426 ms

Remote clock offset: -2.388 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:23:16 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 56.065 ms

Loss rate: 0.44%

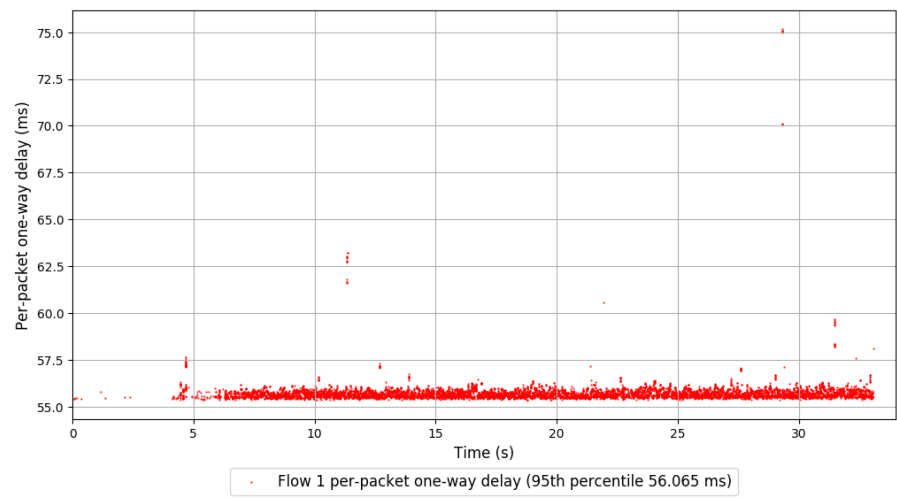
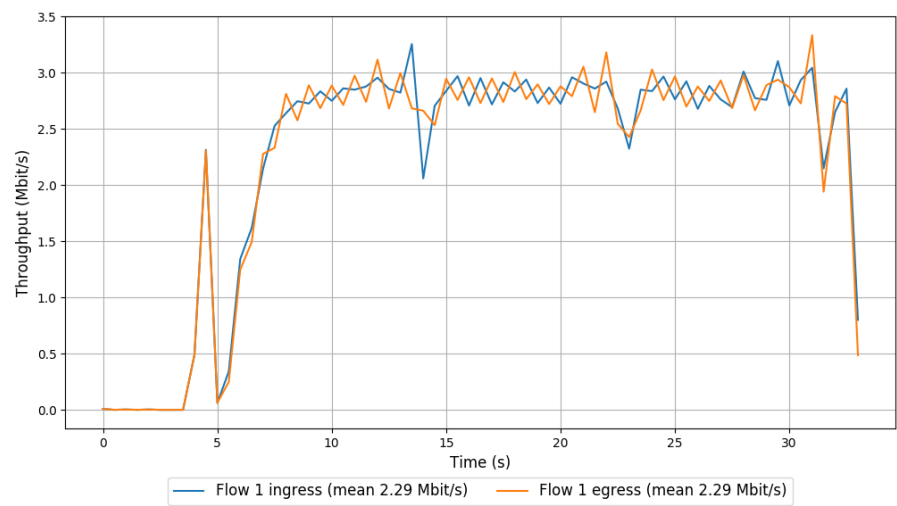
-- Flow 1:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 56.065 ms

Loss rate: 0.44%

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: Thu, 29 Jun 2017 23:34:35 +0000

End at: Thu, 29 Jun 2017 23:35:05 +0000

Local clock offset: 0.479 ms

Remote clock offset: -0.939 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:23:16 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.31 Mbit/s

95th percentile per-packet one-way delay: 56.496 ms

Loss rate: 0.43%

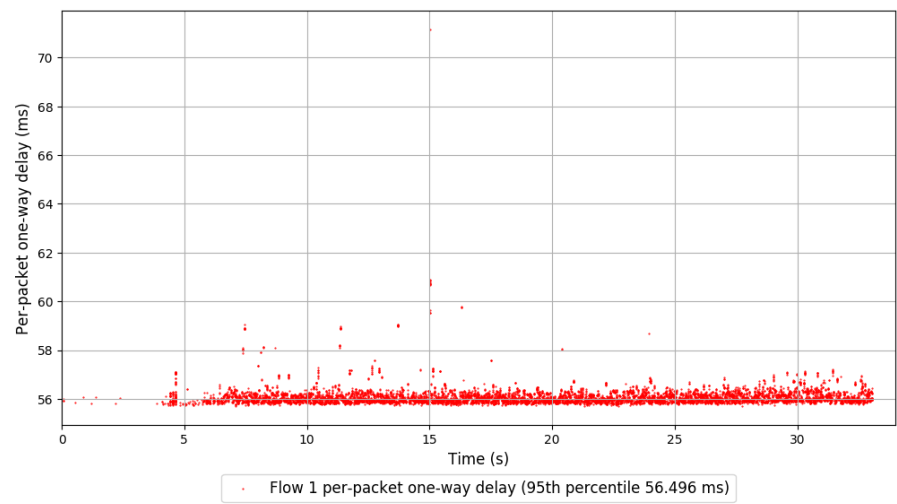
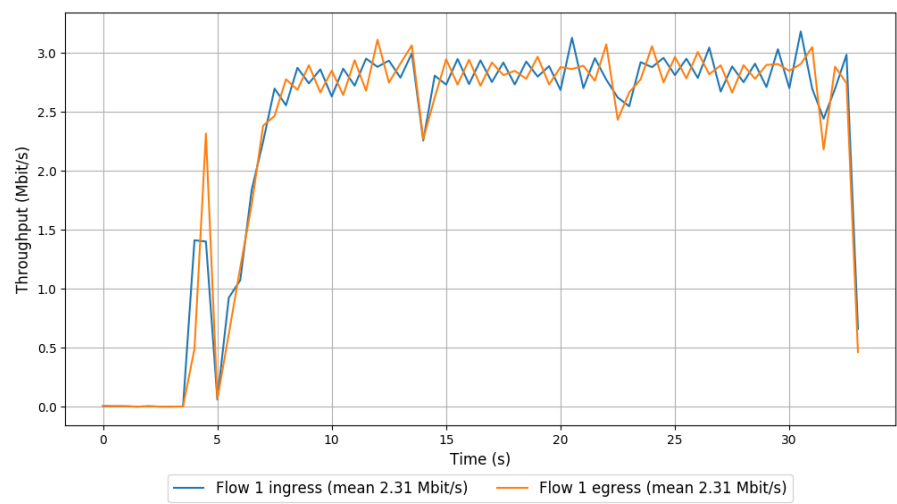
-- Flow 1:

Average throughput: 2.31 Mbit/s

95th percentile per-packet one-way delay: 56.496 ms

Loss rate: 0.43%

Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

Start at: Thu, 29 Jun 2017 23:51:51 +0000

End at: Thu, 29 Jun 2017 23:52:21 +0000

Local clock offset: 0.378 ms

Remote clock offset: -1.088 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:23:16 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 57.687 ms

Loss rate: 0.47%

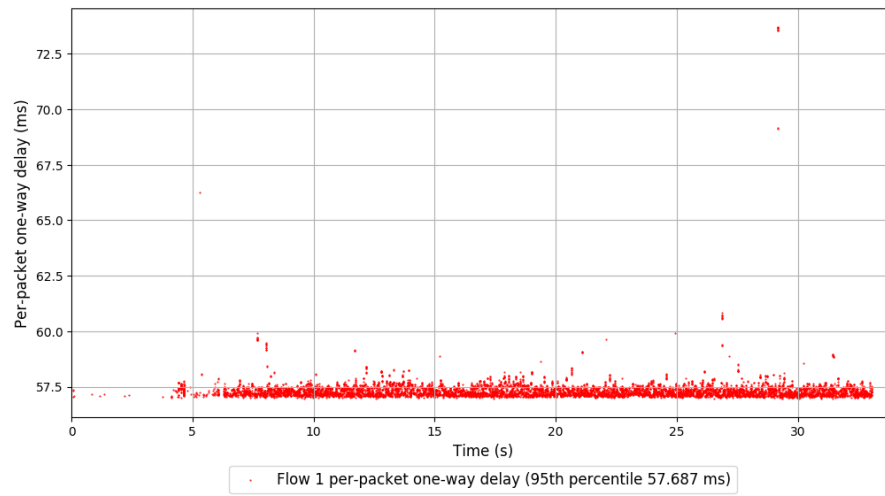
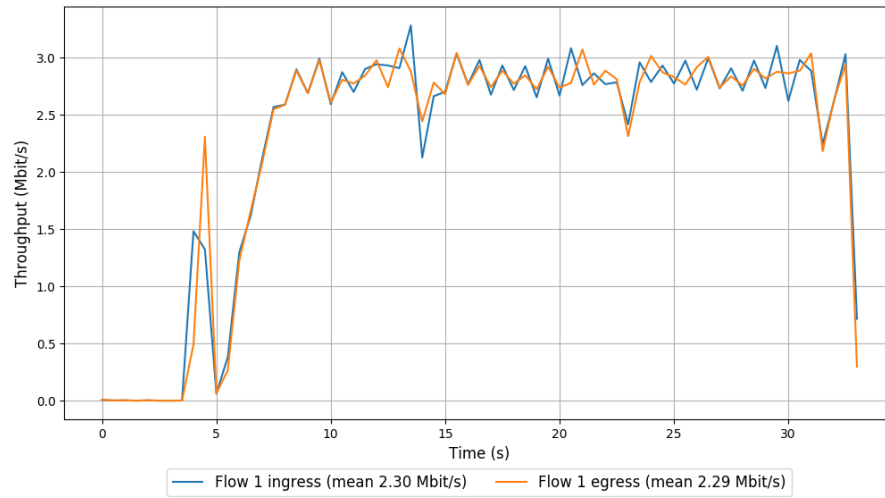
-- Flow 1:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 57.687 ms

Loss rate: 0.47%

## Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

Start at: Fri, 30 Jun 2017 00:09:16 +0000

End at: Fri, 30 Jun 2017 00:09:46 +0000

Local clock offset: 0.319 ms

Remote clock offset: -1.807 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:23:16 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 56.870 ms

Loss rate: 0.54%

-- Flow 1:

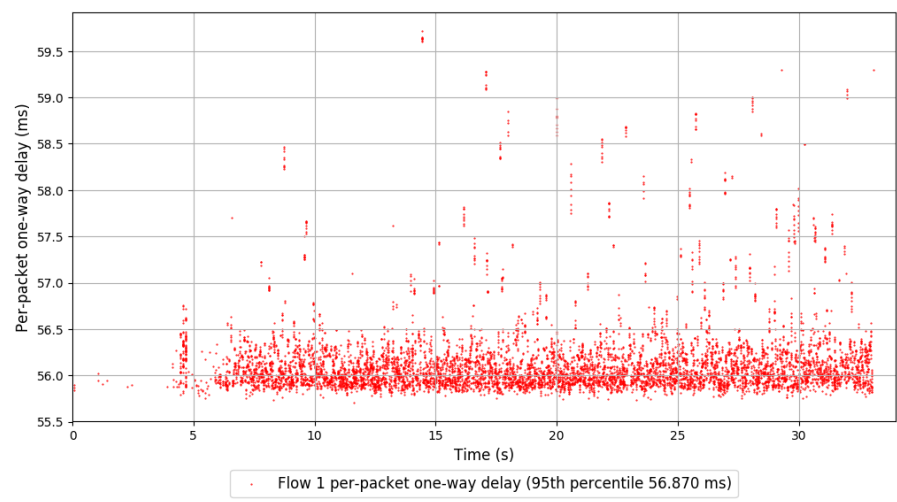
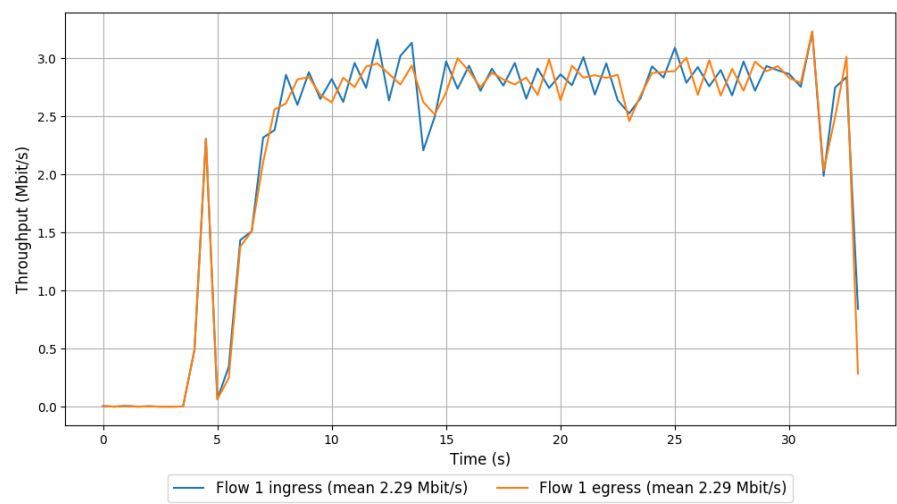
Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 56.870 ms

Loss rate: 0.54%



Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: Fri, 30 Jun 2017 00:26:42 +0000

End at: Fri, 30 Jun 2017 00:27:12 +0000

Local clock offset: 0.348 ms

Remote clock offset: -1.517 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:23:16 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 56.579 ms

Loss rate: 0.29%

-- Flow 1:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 56.579 ms

Loss rate: 0.29%

Run 10: Report of WebRTC media — Data Link

