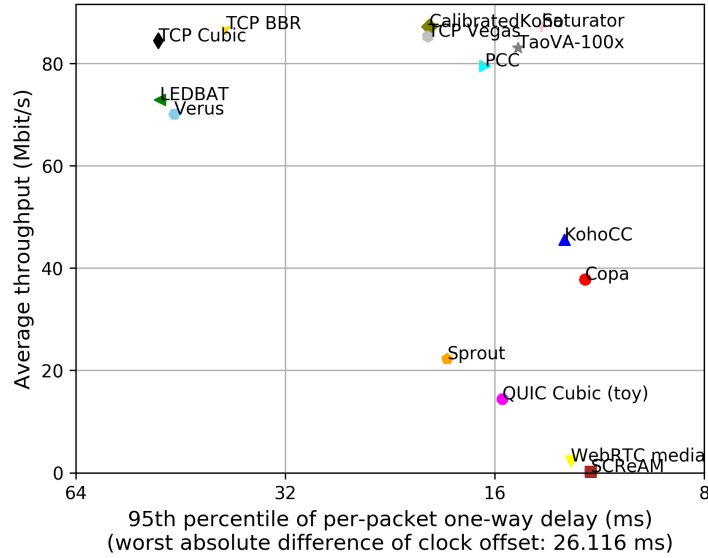


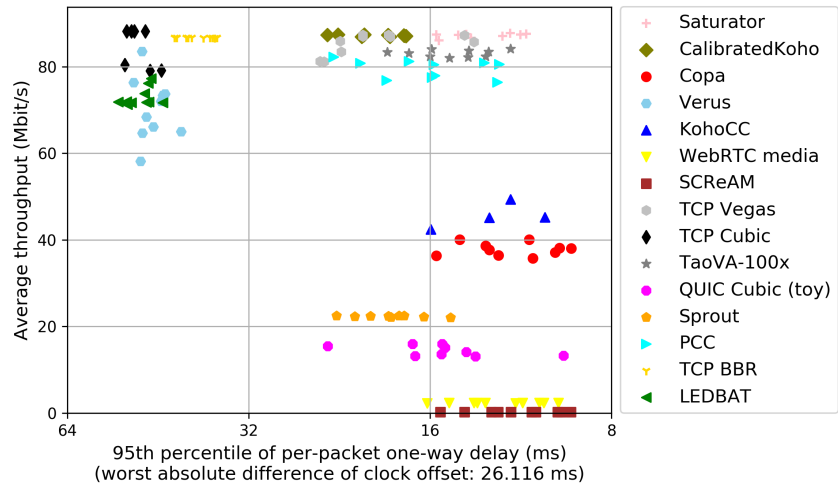
**Pantheon Summary** (Generated at Fri, 30 Jun 2017 01:50:44 +0000 with pantheon version f1f579919e2382b18c1fb18b676e821e7efc0b62)  
Repeated the test of 15 congestion control schemes 10 times.  
Each test lasted for 30 seconds running 1 flow.  
Data path **from** AWS India 1 Ethernet **to** India Ethernet.  
NTP offset measured against nets.org.sg.

```
git branch: master @ f1f579919e2382b18c1fb18b676e821e7efc0b62
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/genericCC @ dae96123232f1bcb37725348fa2378691ce26725
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-stimuli @ fc73a85ca16c34366d1888dc8a0d0d88d4ebf2a7
third_party/pantheon-tunnel @ 4893799ab83a43fa2d3236507d168f461e1243ed
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/proto-quick @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eae30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

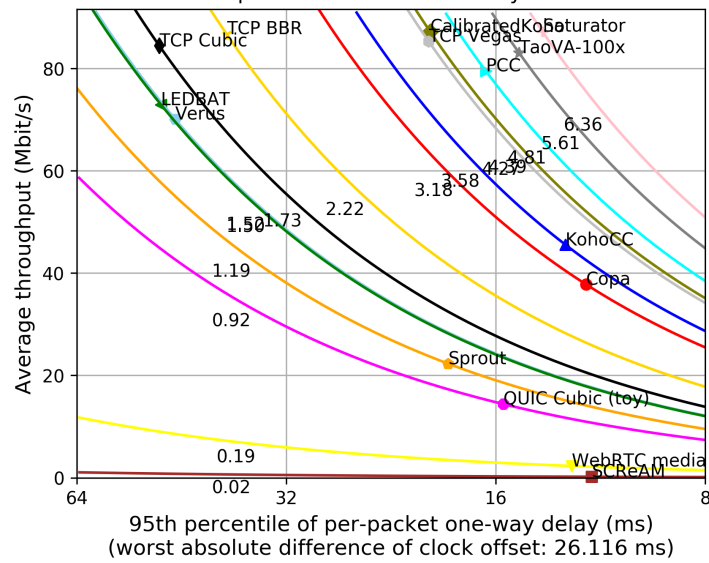
test from AWS India 1 Ethernet to India Ethernet, 10 runs of 30s each per scheme  
mean of all runs by scheme



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



test from AWS India 1 Ethernet to India 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 19:05:39 +0000

End at: Thu, 29 Jun 2017 19:06:09 +0000

Local clock offset: 1.835 ms

Remote clock offset: -17.364 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:39:15 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 86.67 Mbit/s

95th percentile per-packet one-way delay: 36.471 ms

Loss rate: 0.19%

-- Flow 1:

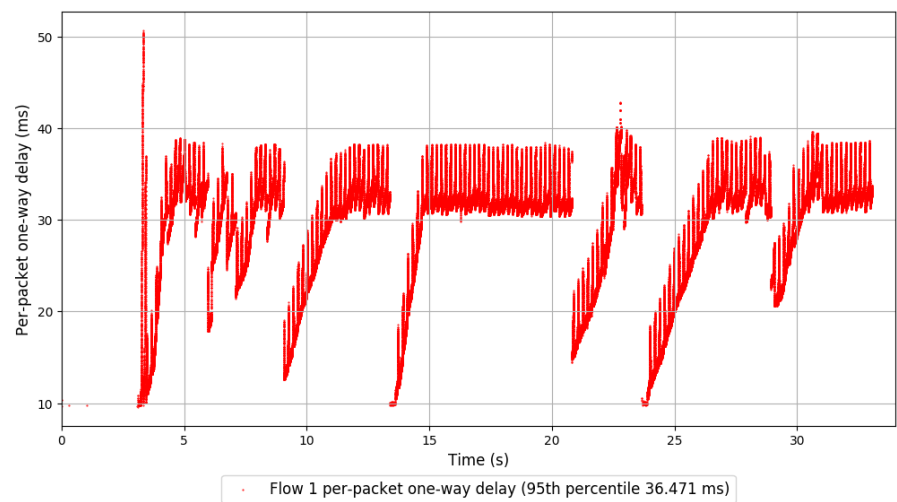
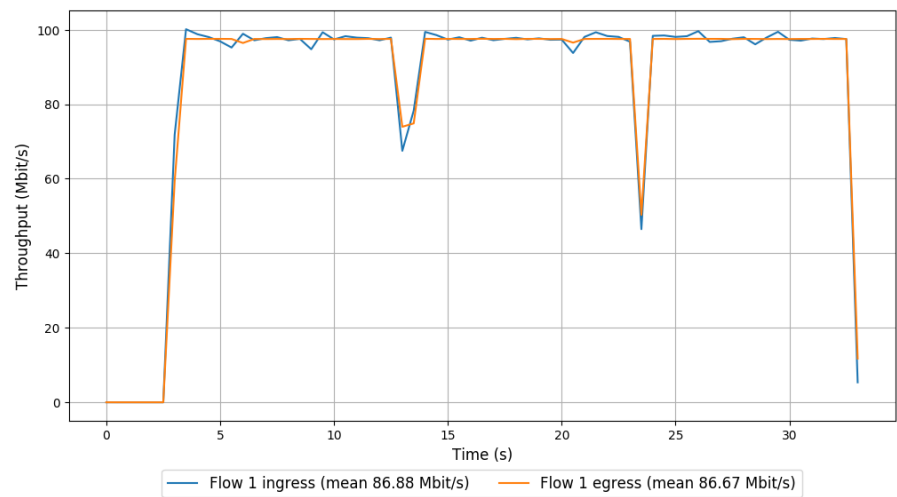
Average throughput: 86.67 Mbit/s

95th percentile per-packet one-way delay: 36.471 ms

Loss rate: 0.19%



Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: Thu, 29 Jun 2017 19:23:51 +0000

End at: Thu, 29 Jun 2017 19:24:21 +0000

Local clock offset: 0.673 ms

Remote clock offset: -15.248 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:39:15 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 86.70 Mbit/s

95th percentile per-packet one-way delay: 36.123 ms

Loss rate: 0.20%

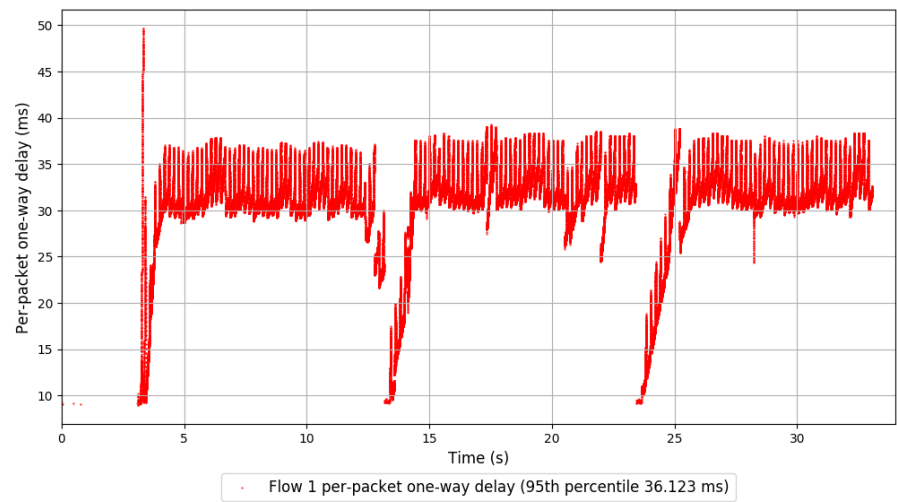
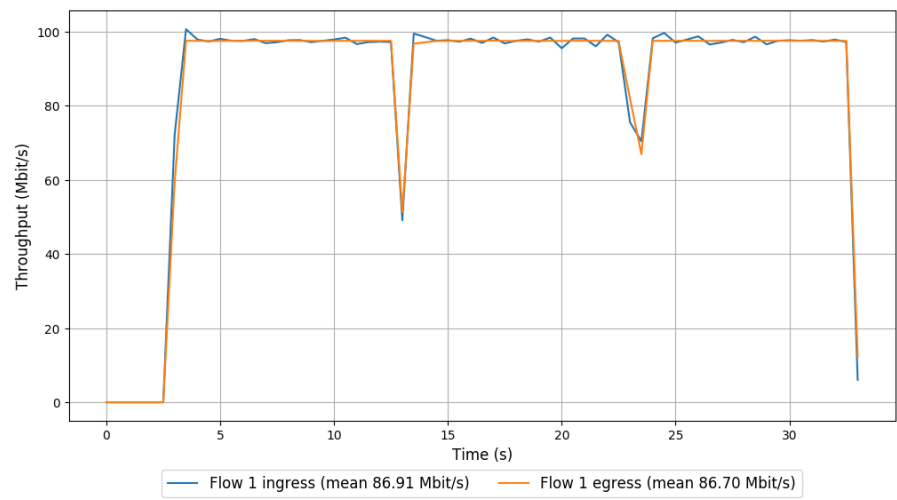
-- Flow 1:

Average throughput: 86.70 Mbit/s

95th percentile per-packet one-way delay: 36.123 ms

Loss rate: 0.20%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: Thu, 29 Jun 2017 19:42:03 +0000

End at: Thu, 29 Jun 2017 19:42:33 +0000

Local clock offset: 2.812 ms

Remote clock offset: -15.16 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:39:28 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 86.71 Mbit/s

95th percentile per-packet one-way delay: 36.776 ms

Loss rate: 0.19%

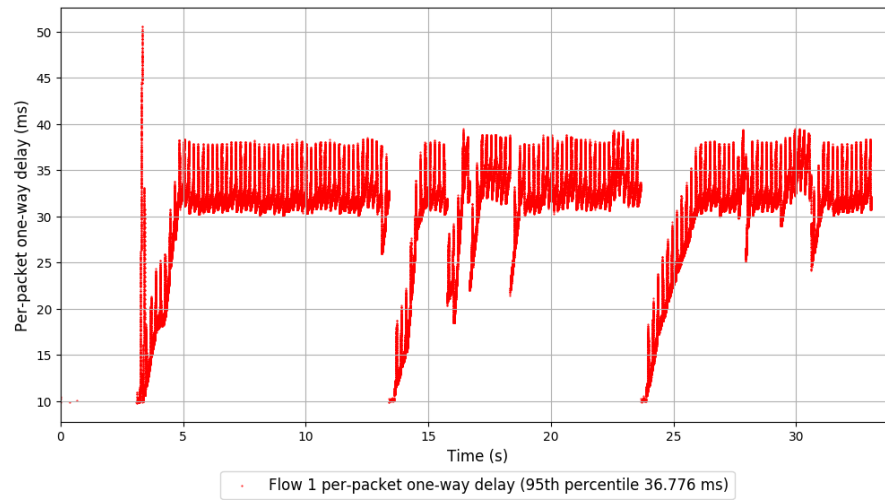
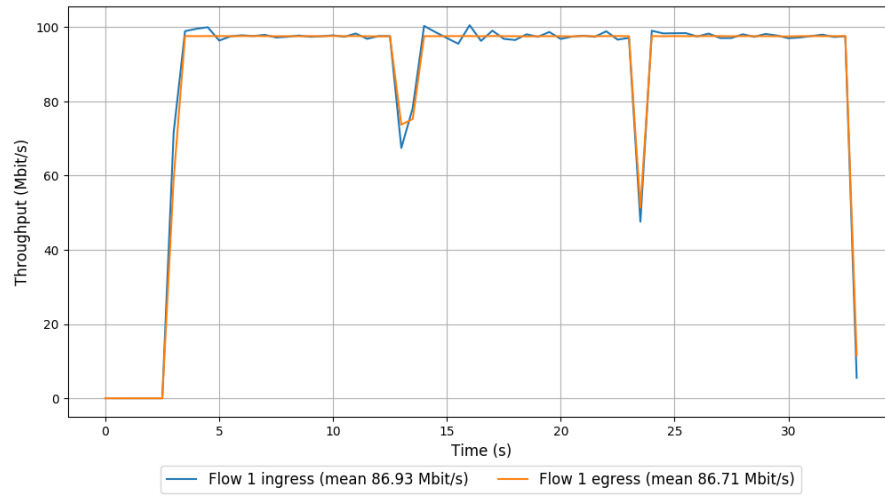
-- Flow 1:

Average throughput: 86.71 Mbit/s

95th percentile per-packet one-way delay: 36.776 ms

Loss rate: 0.19%

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



Run 4: Statistics of TCP BBR

Start at: Thu, 29 Jun 2017 20:00:10 +0000

End at: Thu, 29 Jun 2017 20:00:40 +0000

Local clock offset: -0.451 ms

Remote clock offset: -14.958 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:39:28 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 86.72 Mbit/s

95th percentile per-packet one-way delay: 37.092 ms

Loss rate: 0.18%

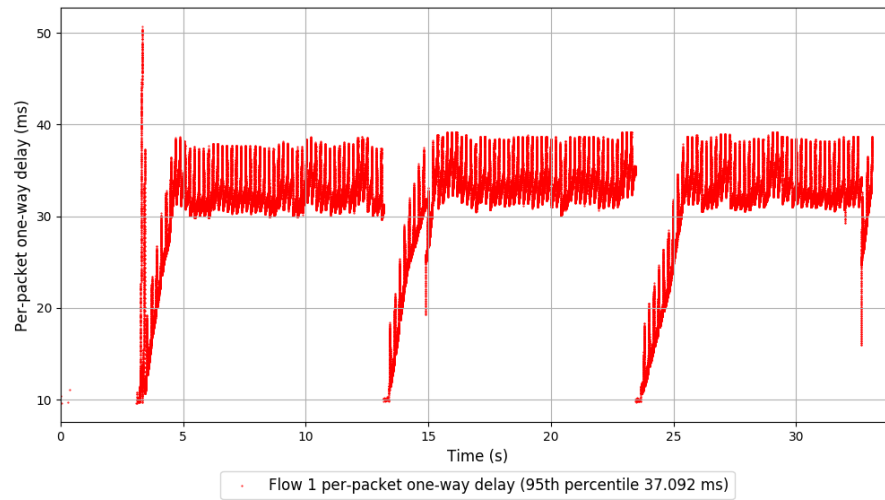
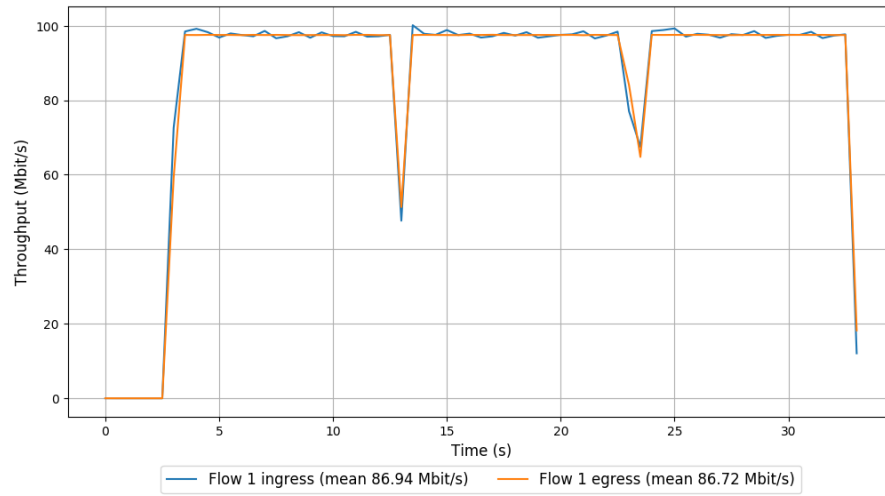
-- Flow 1:

Average throughput: 86.72 Mbit/s

95th percentile per-packet one-way delay: 37.092 ms

Loss rate: 0.18%

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



Run 5: Statistics of TCP BBR

Start at: Thu, 29 Jun 2017 20:18:39 +0000

End at: Thu, 29 Jun 2017 20:19:09 +0000

Local clock offset: 1.339 ms

Remote clock offset: -16.166 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:39:41 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 86.68 Mbit/s

95th percentile per-packet one-way delay: 38.037 ms

Loss rate: 0.18%

-- Flow 1:

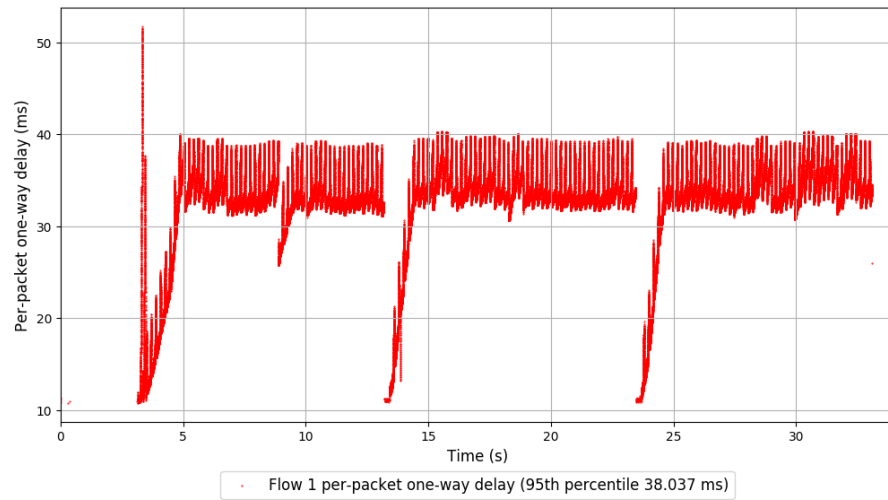
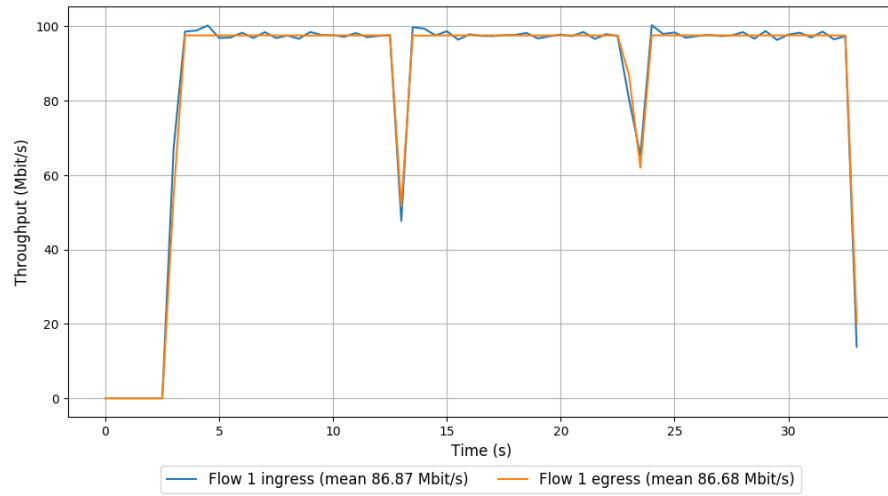
Average throughput: 86.68 Mbit/s

95th percentile per-packet one-way delay: 38.037 ms

Loss rate: 0.18%



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



Run 6: Statistics of TCP BBR

Start at: Thu, 29 Jun 2017 20:36:37 +0000

End at: Thu, 29 Jun 2017 20:37:07 +0000

Local clock offset: -0.085 ms

Remote clock offset: -18.038 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:39:41 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 86.70 Mbit/s

95th percentile per-packet one-way delay: 39.798 ms

Loss rate: 0.18%

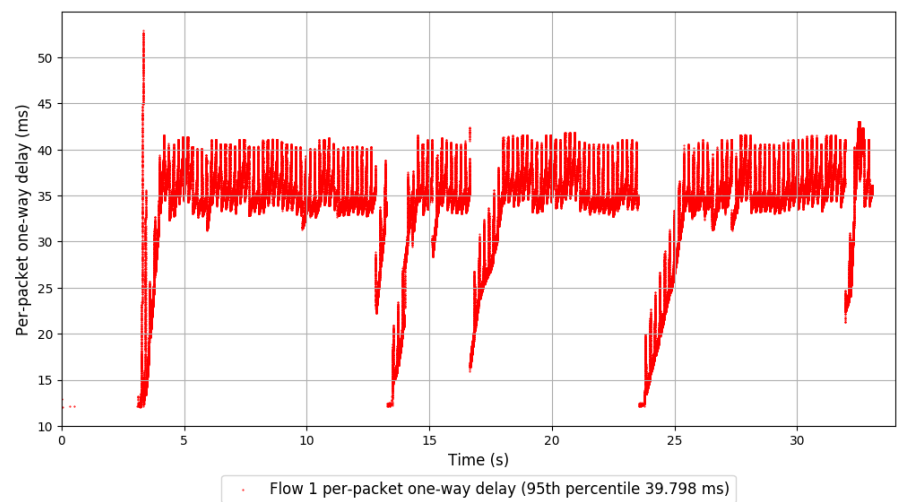
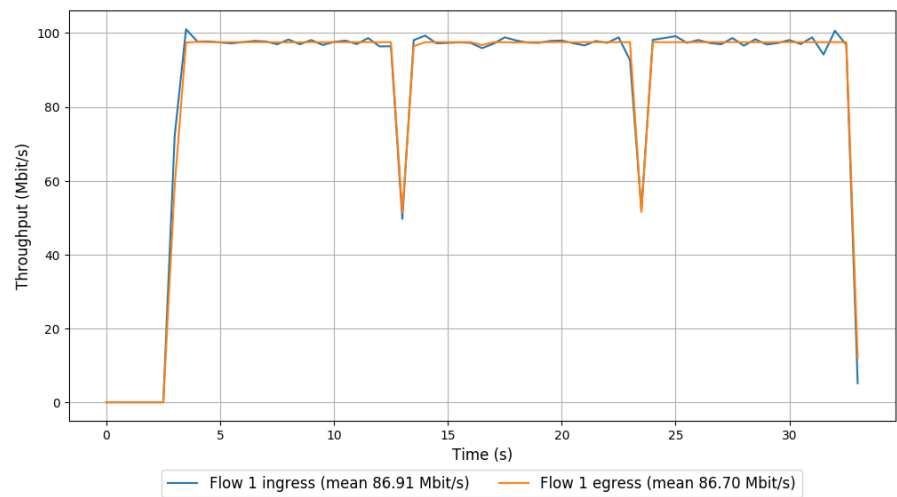
-- Flow 1:

Average throughput: 86.70 Mbit/s

95th percentile per-packet one-way delay: 39.798 ms

Loss rate: 0.18%

Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

Start at: Thu, 29 Jun 2017 20:54:55 +0000

End at: Thu, 29 Jun 2017 20:55:25 +0000

Local clock offset: 1.072 ms

Remote clock offset: -17.821 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:39:54 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 86.76 Mbit/s

95th percentile per-packet one-way delay: 40.340 ms

Loss rate: 0.20%

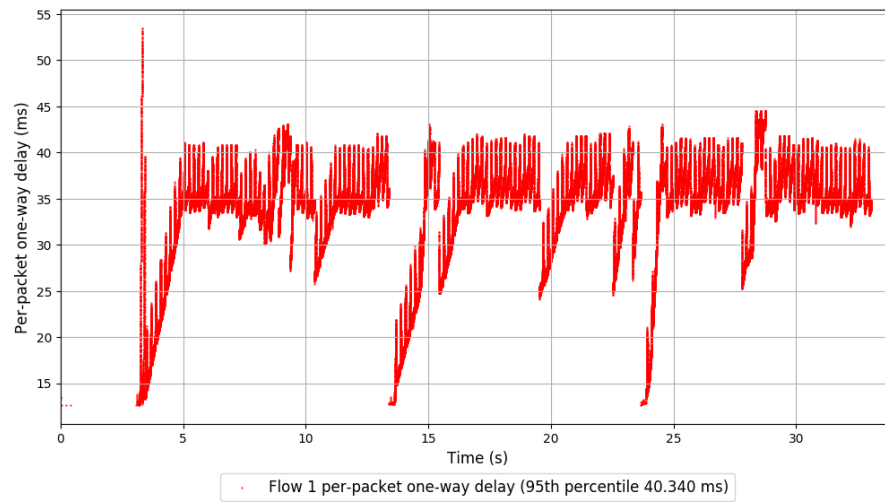
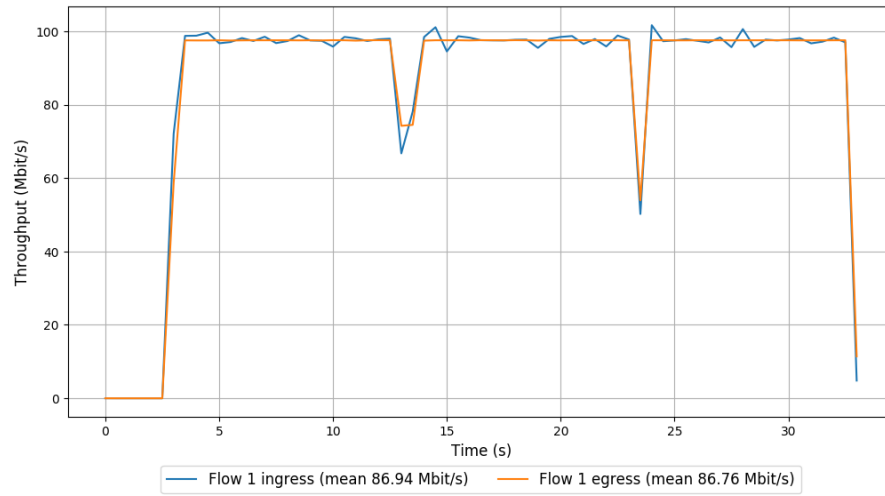
-- Flow 1:

Average throughput: 86.76 Mbit/s

95th percentile per-packet one-way delay: 40.340 ms

Loss rate: 0.20%

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



Run 8: Statistics of TCP BBR

Start at: Thu, 29 Jun 2017 21:12:45 +0000

End at: Thu, 29 Jun 2017 21:13:15 +0000

Local clock offset: -0.081 ms

Remote clock offset: -19.043 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:39:55 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 86.72 Mbit/s

95th percentile per-packet one-way delay: 40.652 ms

Loss rate: 0.18%

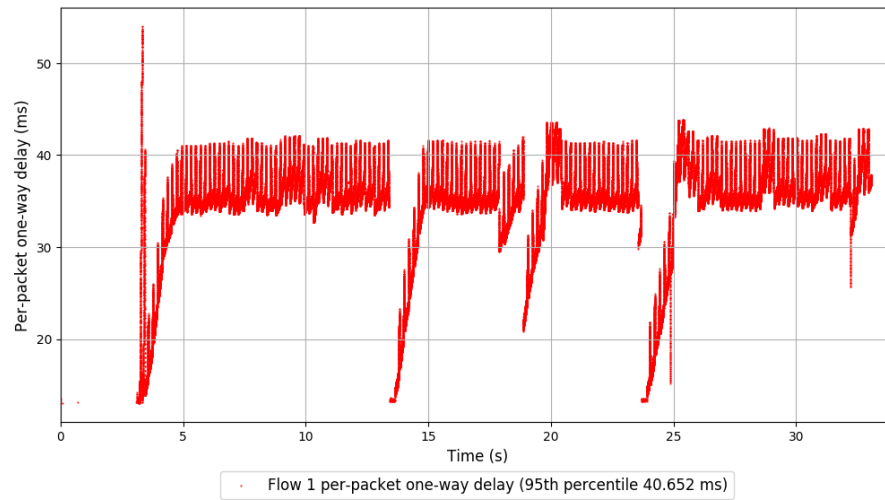
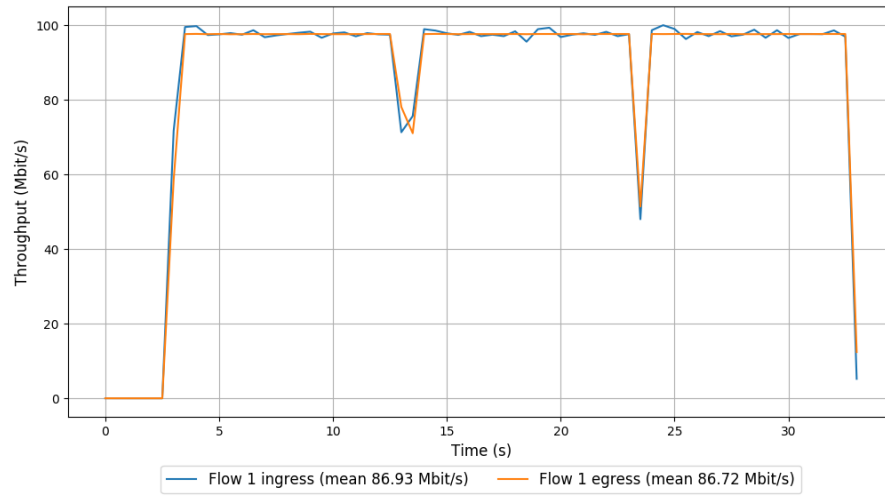
-- Flow 1:

Average throughput: 86.72 Mbit/s

95th percentile per-packet one-way delay: 40.652 ms

Loss rate: 0.18%

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



Run 9: Statistics of TCP BBR

Start at: Thu, 29 Jun 2017 21:30:46 +0000

End at: Thu, 29 Jun 2017 21:31:16 +0000

Local clock offset: 0.449 ms

Remote clock offset: -21.885 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:40:07 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 86.74 Mbit/s

95th percentile per-packet one-way delay: 42.151 ms

Loss rate: 0.19%

-- Flow 1:

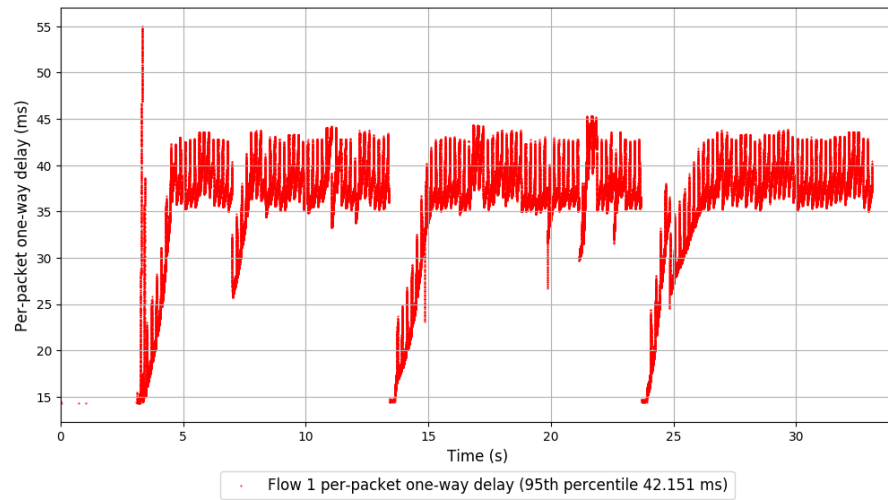
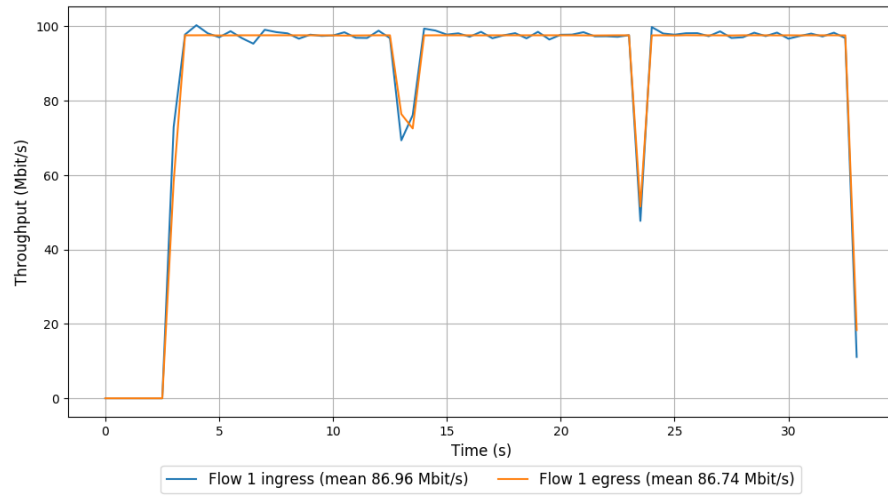
Average throughput: 86.74 Mbit/s

95th percentile per-packet one-way delay: 42.151 ms

Loss rate: 0.19%



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



Run 10: Statistics of TCP BBR

Start at: Thu, 29 Jun 2017 21:49:06 +0000

End at: Thu, 29 Jun 2017 21:49:36 +0000

Local clock offset: 0.559 ms

Remote clock offset: -20.648 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:40:08 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 86.69 Mbit/s

95th percentile per-packet one-way delay: 42.477 ms

Loss rate: 0.18%

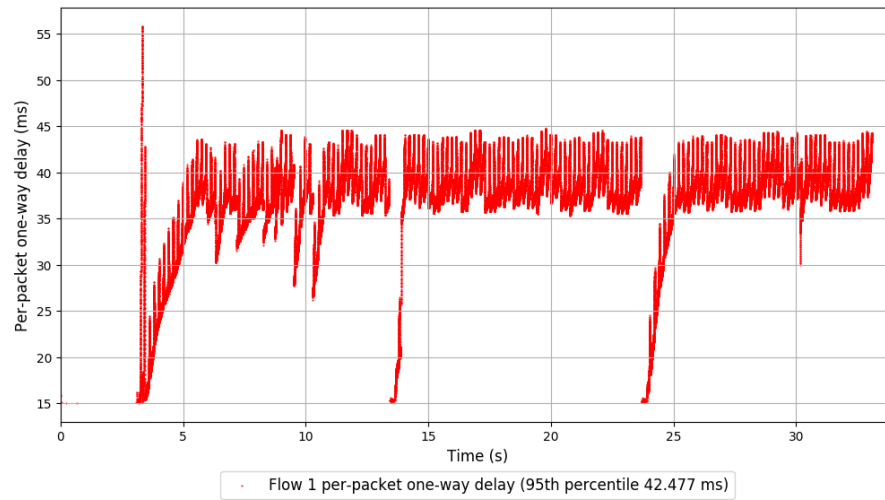
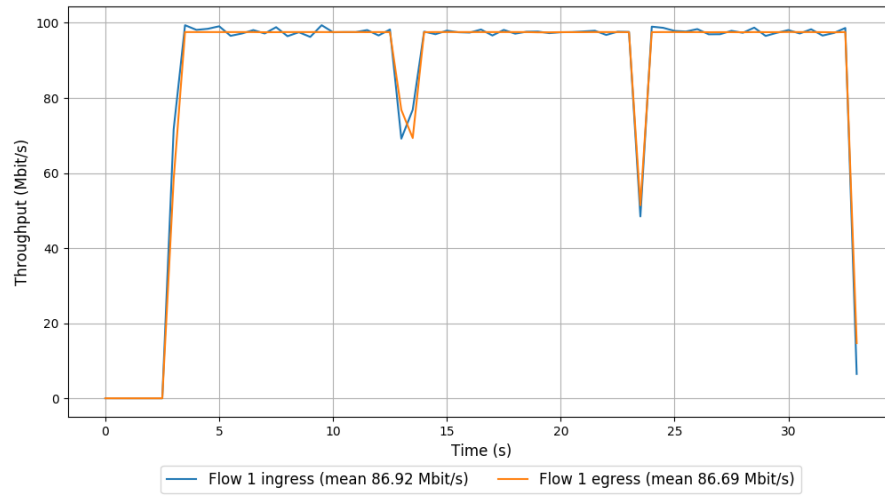
-- Flow 1:

Average throughput: 86.69 Mbit/s

95th percentile per-packet one-way delay: 42.477 ms

Loss rate: 0.18%

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



Run 1: Statistics of CalibratedKoho

Start at: Thu, 29 Jun 2017 19:03:12 +0000

End at: Thu, 29 Jun 2017 19:03:42 +0000

Local clock offset: -1.178 ms

Remote clock offset: -17.013 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 87.30 Mbit/s

95th percentile per-packet one-way delay: 18.788 ms

Loss rate: 0.00%

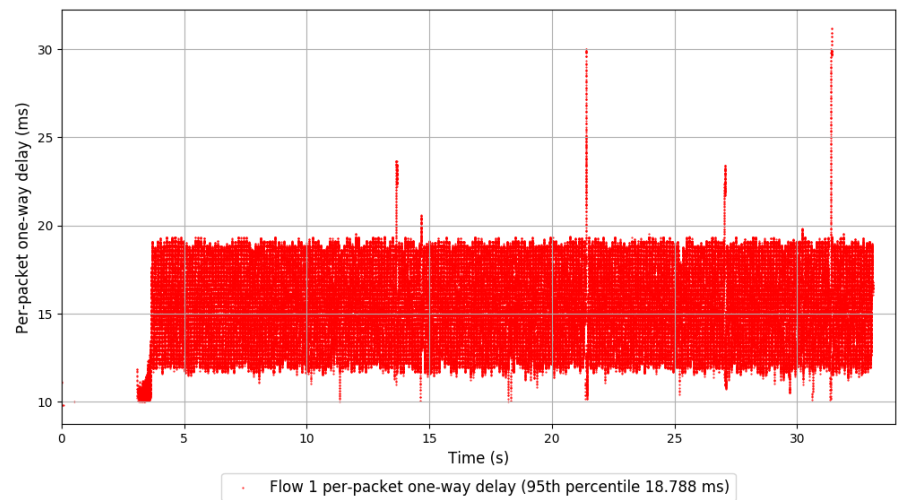
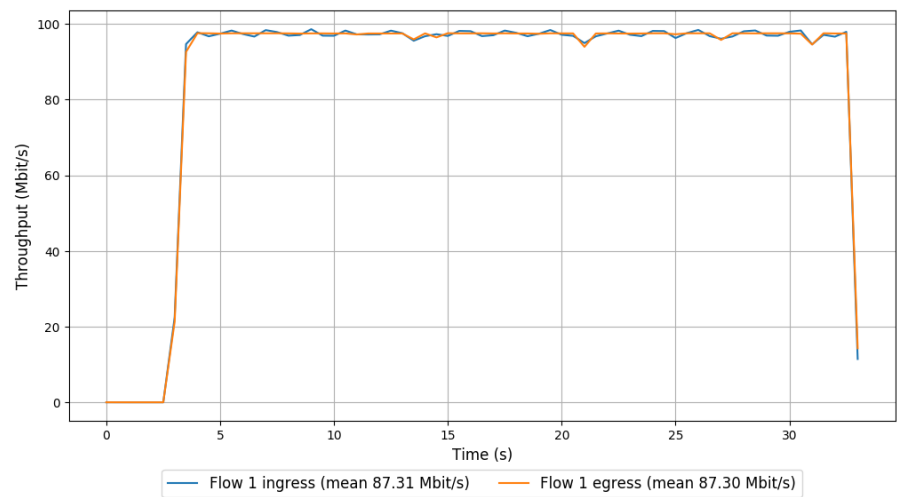
-- Flow 1:

Average throughput: 87.30 Mbit/s

95th percentile per-packet one-way delay: 18.788 ms

Loss rate: 0.00%

Run 1: Report of CalibratedKoho — Data Link



Run 2: Statistics of CalibratedKoho

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

End at: Thu, 29 Jun 2017 19:21:59 +0000

Local clock offset: -0.688 ms

Remote clock offset: -15.53 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:40:21 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 87.06 Mbit/s

95th percentile per-packet one-way delay: 17.560 ms

Loss rate: 0.05%

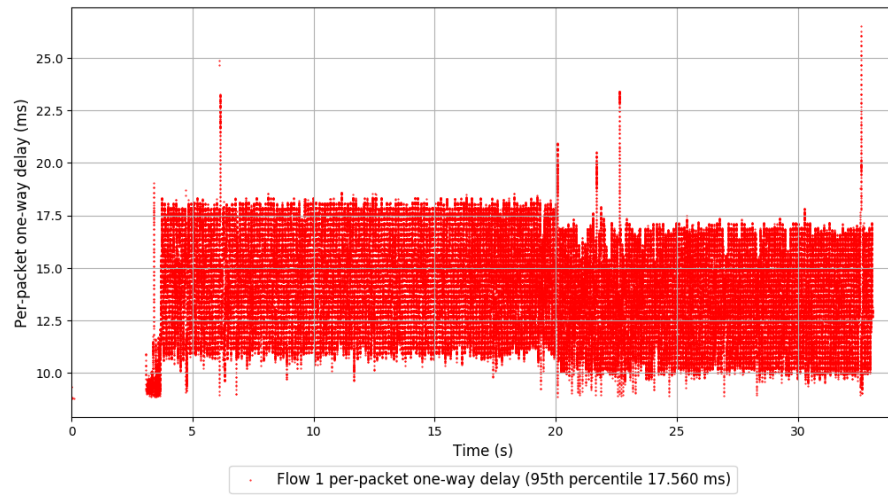
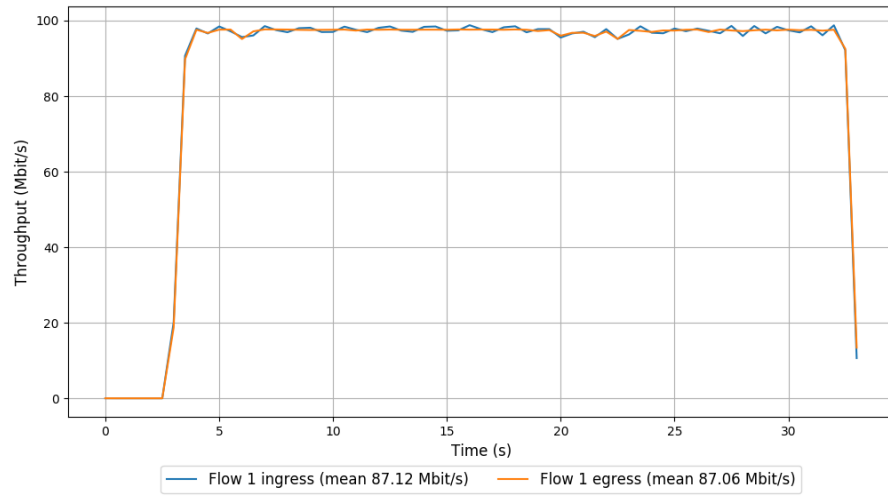
-- Flow 1:

Average throughput: 87.06 Mbit/s

95th percentile per-packet one-way delay: 17.560 ms

Loss rate: 0.05%

## Run 2: Report of CalibratedKoho — Data Link



Run 3: Statistics of CalibratedKoho

Start at: Thu, 29 Jun 2017 19:39:31 +0000

End at: Thu, 29 Jun 2017 19:40:01 +0000

Local clock offset: -1.206 ms

Remote clock offset: -15.103 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:40:34 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 87.15 Mbit/s

95th percentile per-packet one-way delay: 17.664 ms

Loss rate: 0.00%

-- Flow 1:

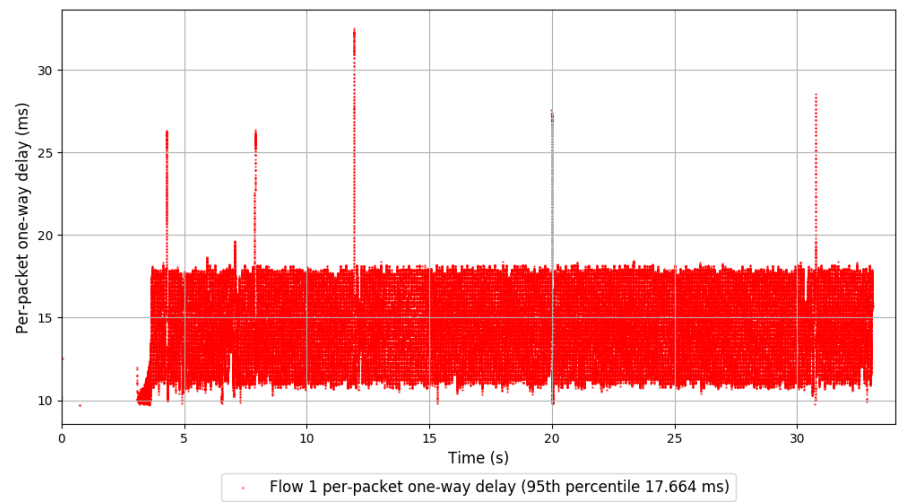
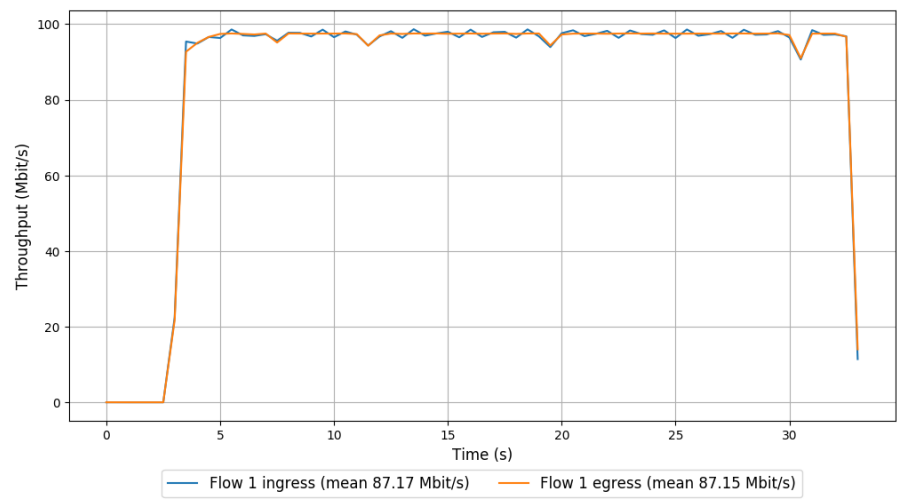
Average throughput: 87.15 Mbit/s

95th percentile per-packet one-way delay: 17.664 ms

Loss rate: 0.00%



Run 3: Report of CalibratedKoho — Data Link



Run 4: Statistics of CalibratedKoho

Start at: Thu, 29 Jun 2017 19:57:46 +0000

End at: Thu, 29 Jun 2017 19:58:16 +0000

Local clock offset: -0.291 ms

Remote clock offset: -15.872 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:40:34 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 87.23 Mbit/s

95th percentile per-packet one-way delay: 17.694 ms

Loss rate: 0.02%

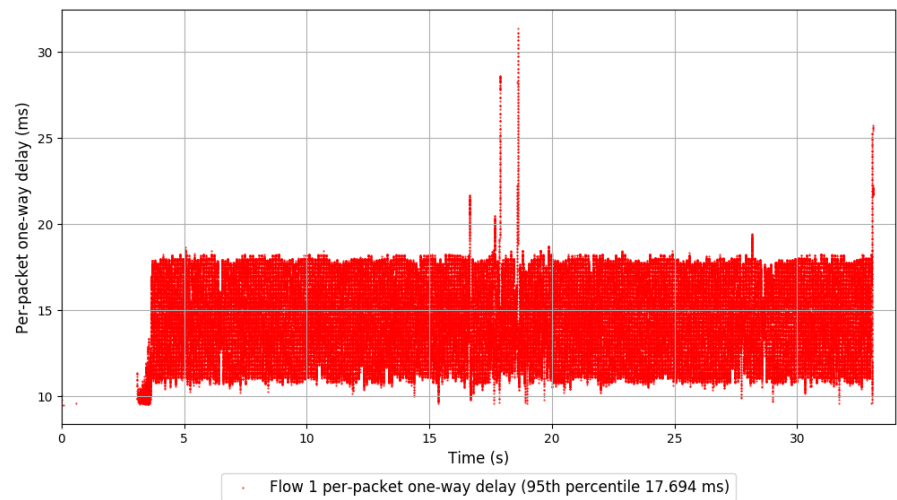
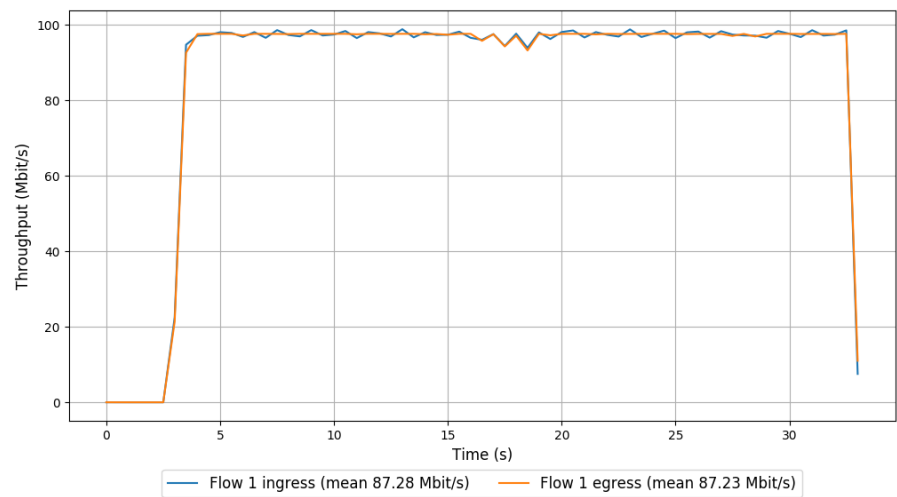
-- Flow 1:

Average throughput: 87.23 Mbit/s

95th percentile per-packet one-way delay: 17.694 ms

Loss rate: 0.02%

Run 4: Report of CalibratedKoho — Data Link



Run 5: Statistics of CalibratedKoho

Start at: Thu, 29 Jun 2017 20:16:11 +0000

End at: Thu, 29 Jun 2017 20:16:41 +0000

Local clock offset: -0.449 ms

Remote clock offset: -15.758 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:40:47 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 86.91 Mbit/s

95th percentile per-packet one-way delay: 18.654 ms

Loss rate: 0.00%

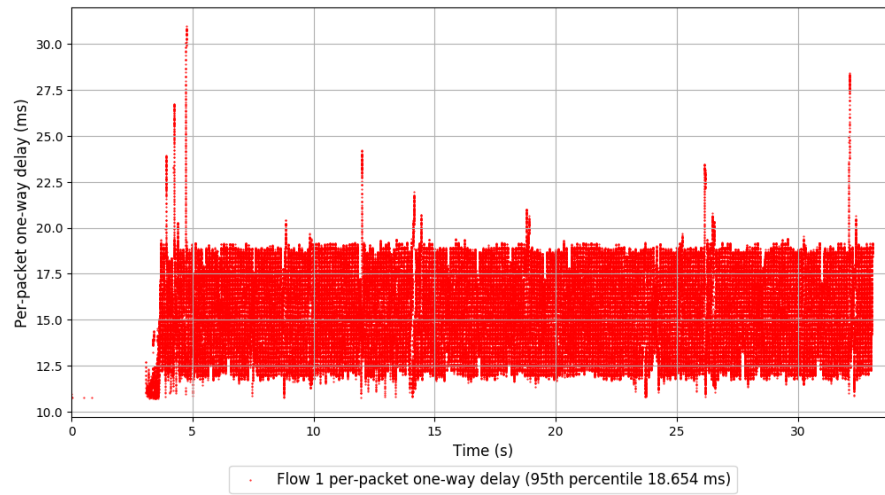
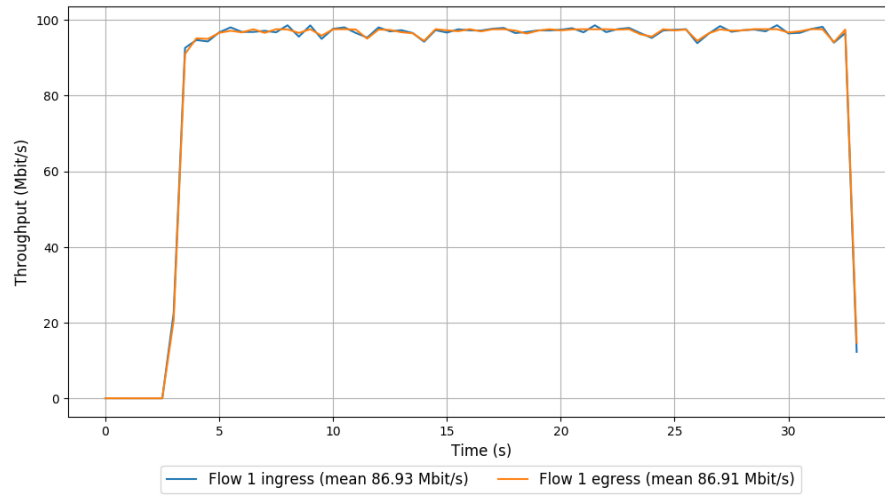
-- Flow 1:

Average throughput: 86.91 Mbit/s

95th percentile per-packet one-way delay: 18.654 ms

Loss rate: 0.00%

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



Run 6: Statistics of CalibratedKoho

Start at: Thu, 29 Jun 2017 20:34:10 +0000

End at: Thu, 29 Jun 2017 20:34:40 +0000

Local clock offset: 3.136 ms

Remote clock offset: -17.617 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:40:48 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 86.93 Mbit/s

95th percentile per-packet one-way delay: 20.777 ms

Loss rate: 0.00%

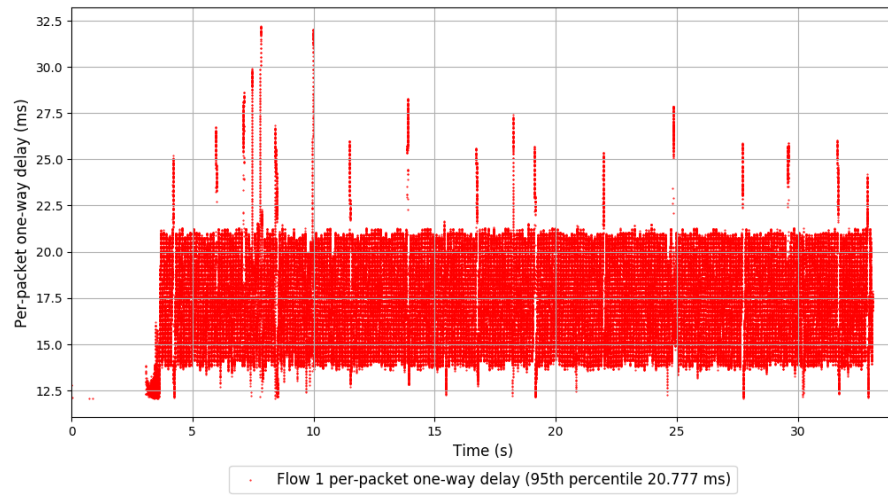
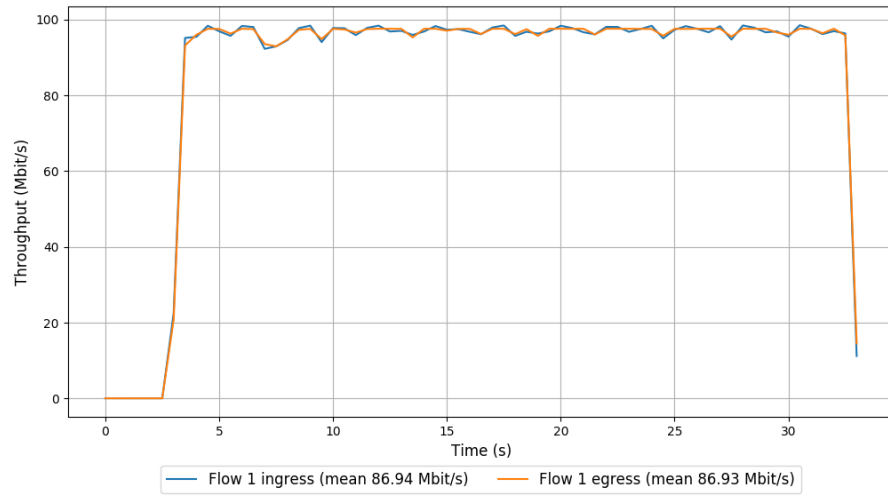
-- Flow 1:

Average throughput: 86.93 Mbit/s

95th percentile per-packet one-way delay: 20.777 ms

Loss rate: 0.00%

## Run 6: Report of CalibratedKoho — Data Link



Run 7: Statistics of CalibratedKoho

Start at: Thu, 29 Jun 2017 20:52:35 +0000

End at: Thu, 29 Jun 2017 20:53:05 +0000

Local clock offset: 3.264 ms

Remote clock offset: -19.031 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:41:00 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 87.27 Mbit/s

95th percentile per-packet one-way delay: 20.638 ms

Loss rate: 0.00%

-- Flow 1:

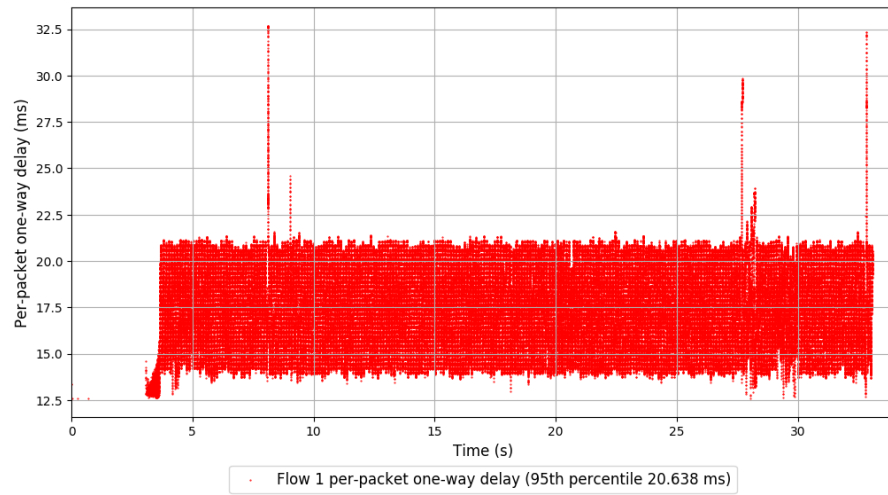
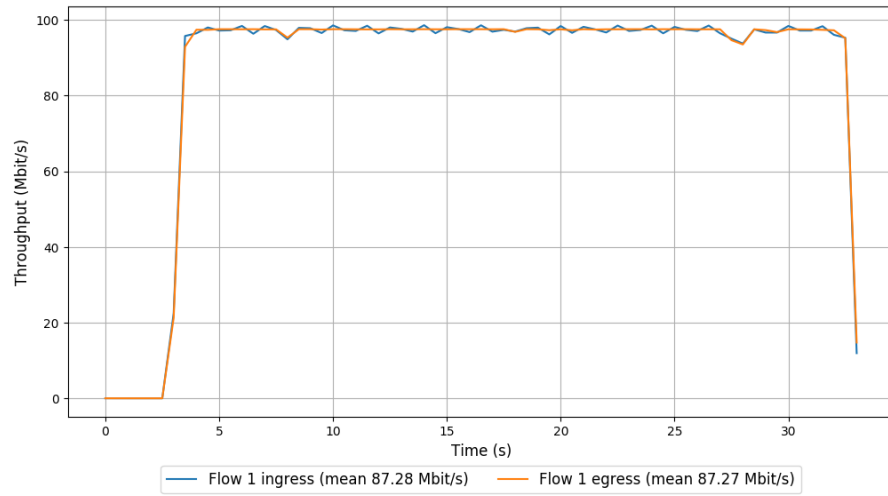
Average throughput: 87.27 Mbit/s

95th percentile per-packet one-way delay: 20.638 ms

Loss rate: 0.00%



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



Run 8: Statistics of CalibratedKoho

Start at: Thu, 29 Jun 2017 21:10:24 +0000

End at: Thu, 29 Jun 2017 21:10:54 +0000

Local clock offset: 0.303 ms

Remote clock offset: -18.326 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 87.40 Mbit/s

95th percentile per-packet one-way delay: 20.588 ms

Loss rate: 0.00%

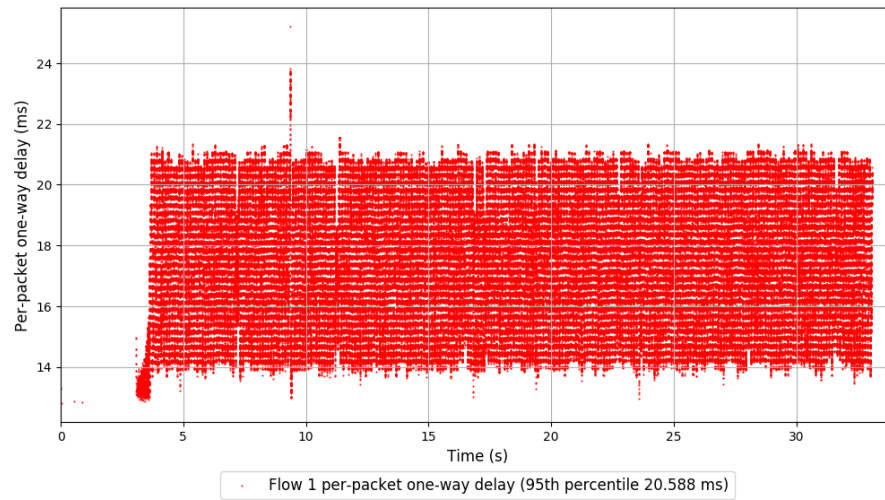
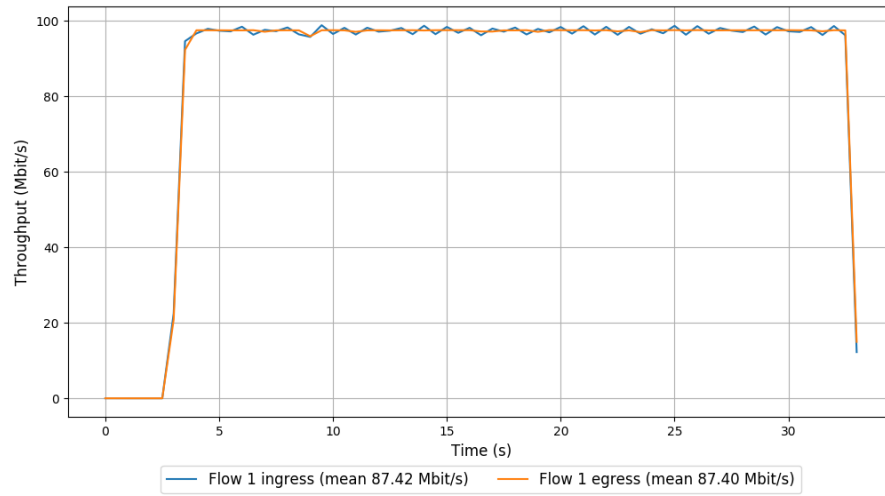
-- Flow 1:

Average throughput: 87.40 Mbit/s

95th percentile per-packet one-way delay: 20.588 ms

Loss rate: 0.00%

## Run 8: Report of CalibratedKoho — Data Link



Run 9: Statistics of CalibratedKoho

Start at: Thu, 29 Jun 2017 21:28:24 +0000

End at: Thu, 29 Jun 2017 21:28:54 +0000

Local clock offset: -0.079 ms

Remote clock offset: -21.496 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:41:13 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 87.40 Mbit/s

95th percentile per-packet one-way delay: 22.755 ms

Loss rate: 0.00%

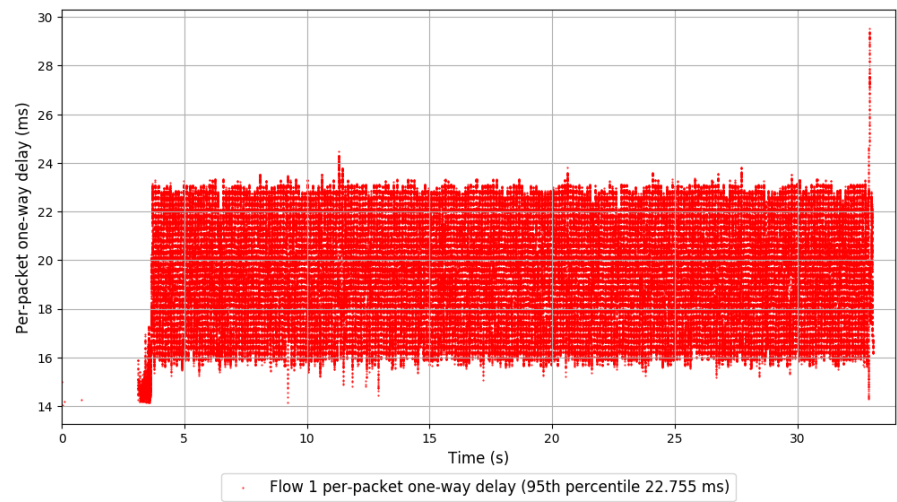
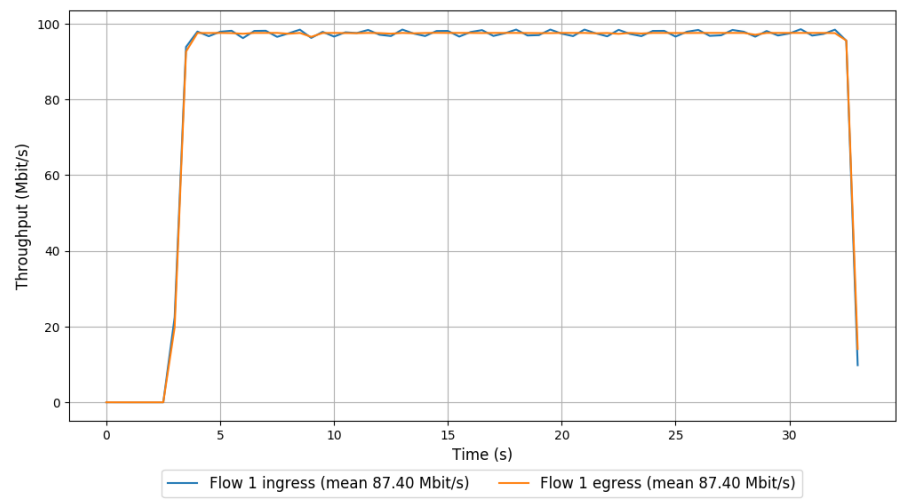
-- Flow 1:

Average throughput: 87.40 Mbit/s

95th percentile per-packet one-way delay: 22.755 ms

Loss rate: 0.00%

Run 9: Report of CalibratedKoho — Data Link



Run 10: Statistics of CalibratedKoho

Start at: Thu, 29 Jun 2017 21:46:35 +0000

End at: Thu, 29 Jun 2017 21:47:05 +0000

Local clock offset: 2.251 ms

Remote clock offset: -21.001 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:41:14 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 87.35 Mbit/s

95th percentile per-packet one-way delay: 23.690 ms

Loss rate: 0.00%

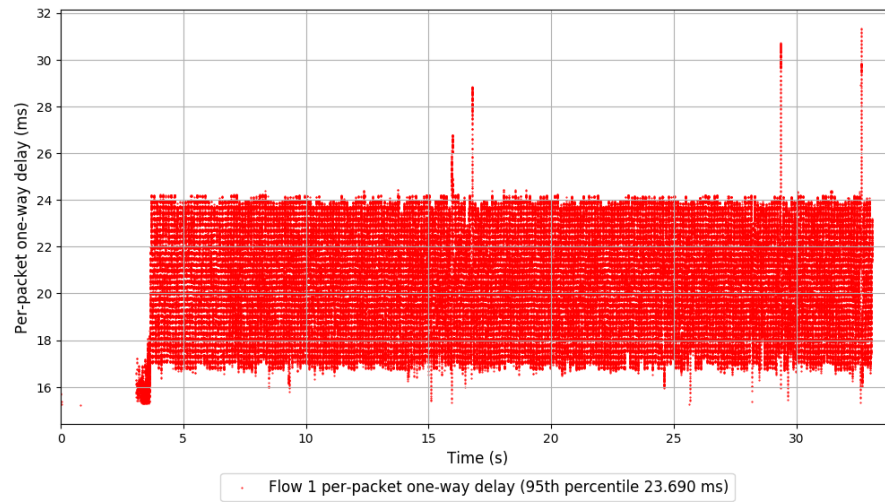
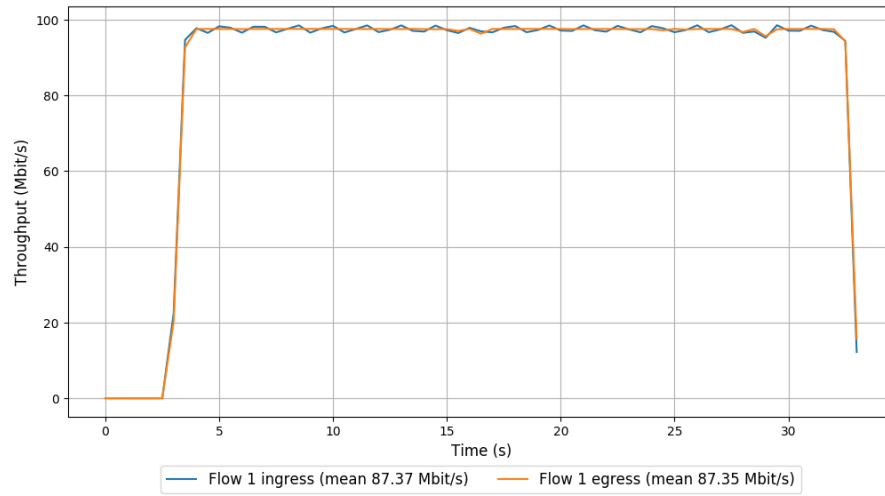
-- Flow 1:

Average throughput: 87.35 Mbit/s

95th percentile per-packet one-way delay: 23.690 ms

Loss rate: 0.00%

# Run 10: Report of CalibratedKoho — Data Link



Run 1: Statistics of Copa

Start at: Thu, 29 Jun 2017 18:58:24 +0000

End at: Thu, 29 Jun 2017 18:58:54 +0000

Local clock offset: -1.266 ms

Remote clock offset: -16.918 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:41:24 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 35.71 Mbit/s

95th percentile per-packet one-way delay: 10.812 ms

Loss rate: 0.00%

-- Flow 1:

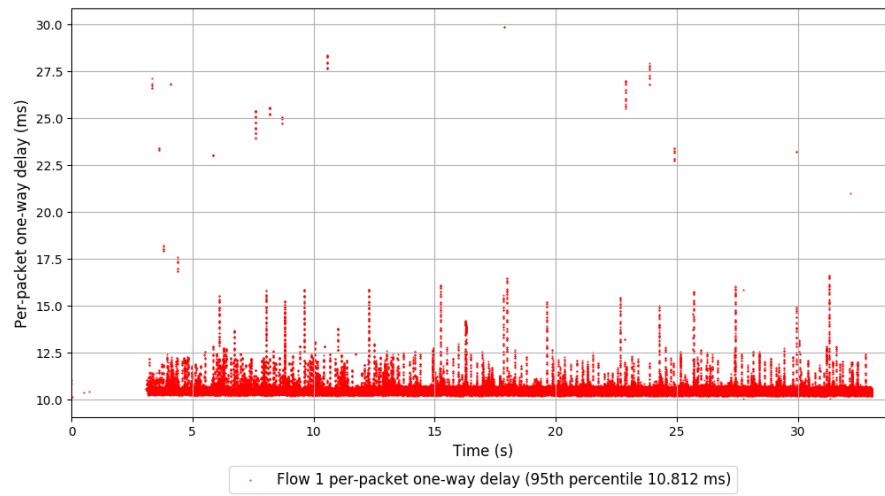
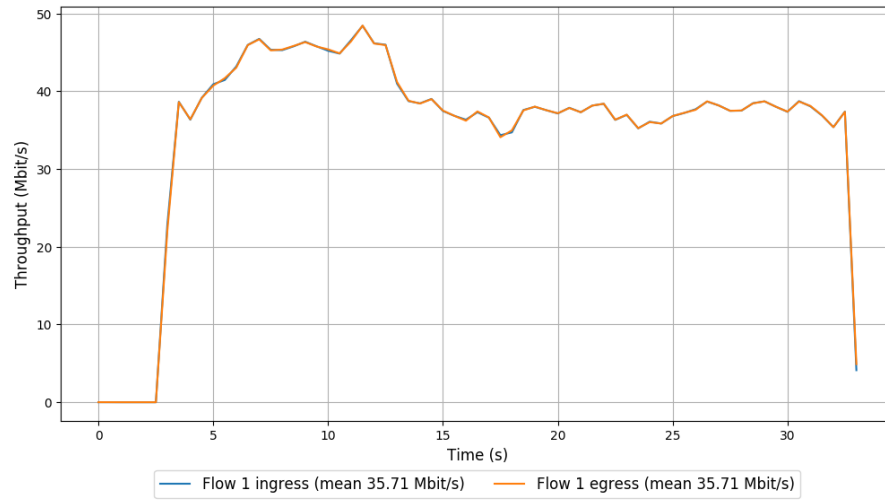
Average throughput: 35.71 Mbit/s

95th percentile per-packet one-way delay: 10.812 ms

Loss rate: 0.00%



### Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: Thu, 29 Jun 2017 19:16:49 +0000

End at: Thu, 29 Jun 2017 19:17:19 +0000

Local clock offset: 1.789 ms

Remote clock offset: -15.957 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:41:24 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 38.01 Mbit/s

95th percentile per-packet one-way delay: 9.334 ms

Loss rate: 0.00%

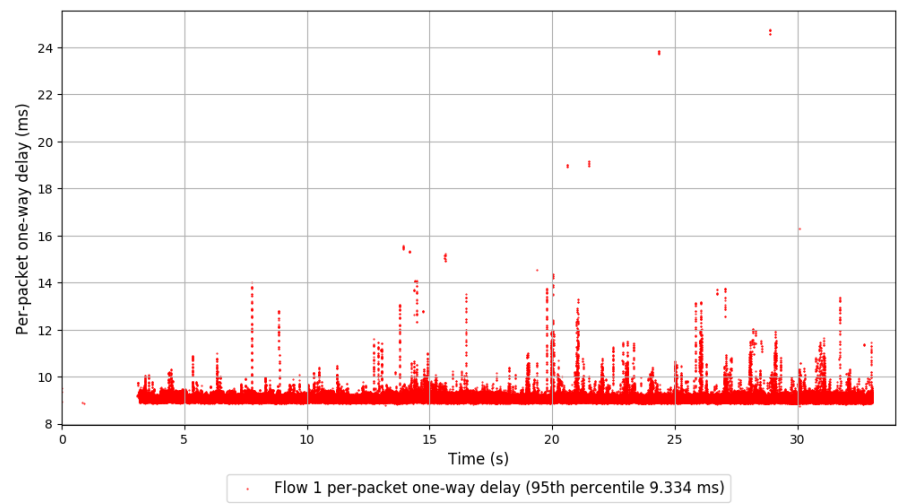
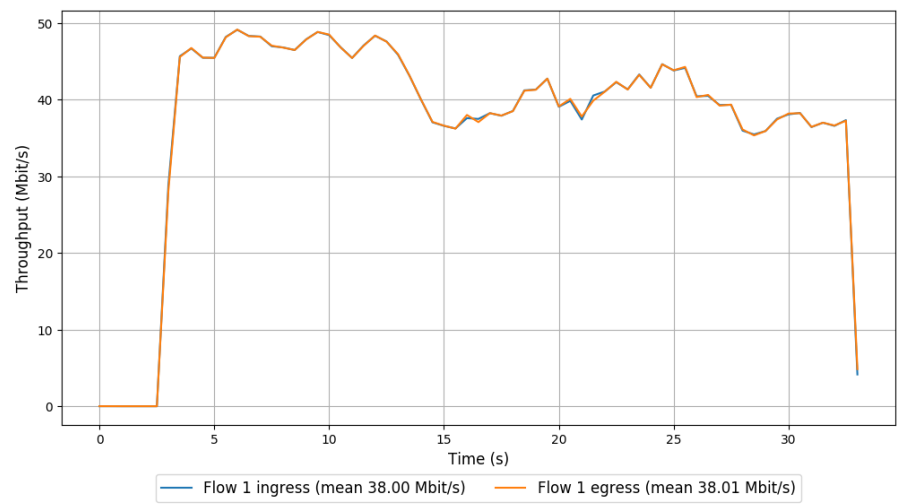
-- Flow 1:

Average throughput: 38.01 Mbit/s

95th percentile per-packet one-way delay: 9.334 ms

Loss rate: 0.00%

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

Start at: Thu, 29 Jun 2017 19:34:49 +0000

End at: Thu, 29 Jun 2017 19:35:19 +0000

Local clock offset: -1.304 ms

Remote clock offset: -16.203 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:41:34 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 37.06 Mbit/s

95th percentile per-packet one-way delay: 9.919 ms

Loss rate: 0.00%

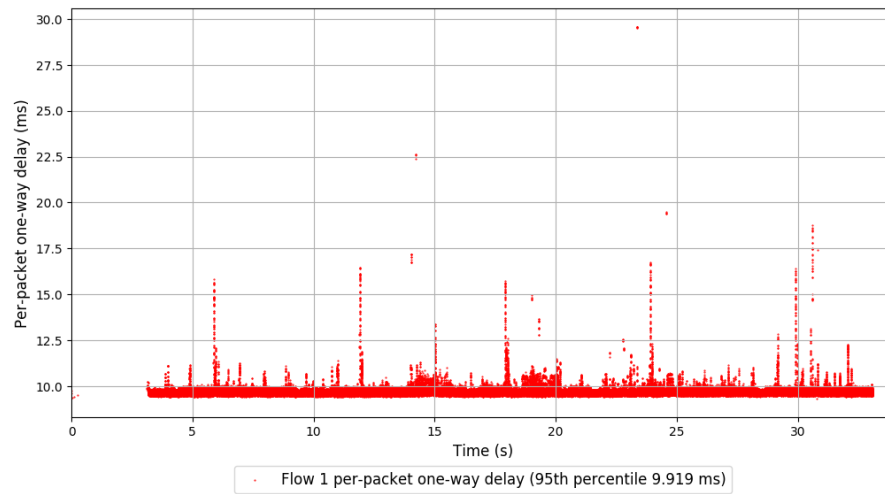
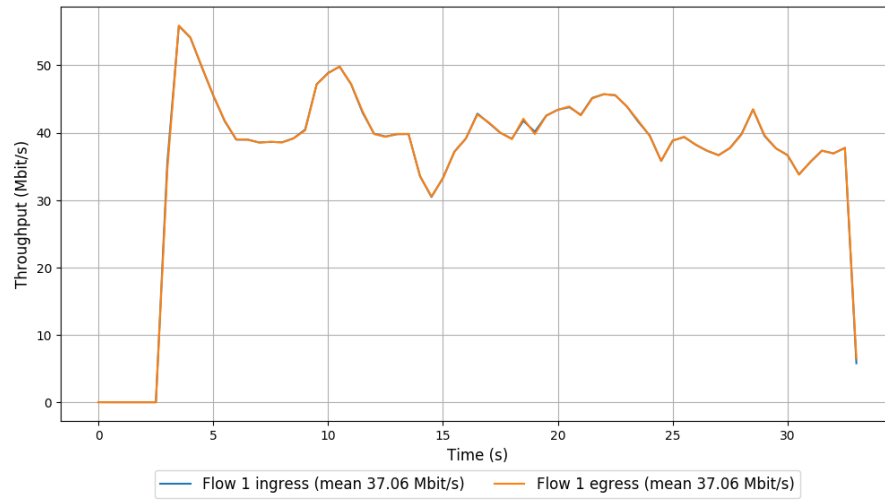
-- Flow 1:

Average throughput: 37.06 Mbit/s

95th percentile per-packet one-way delay: 9.919 ms

Loss rate: 0.00%

### Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: Thu, 29 Jun 2017 19:53:12 +0000

End at: Thu, 29 Jun 2017 19:53:43 +0000

Local clock offset: 1.573 ms

Remote clock offset: -15.039 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:41:35 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 38.13 Mbit/s

95th percentile per-packet one-way delay: 9.751 ms

Loss rate: 0.00%

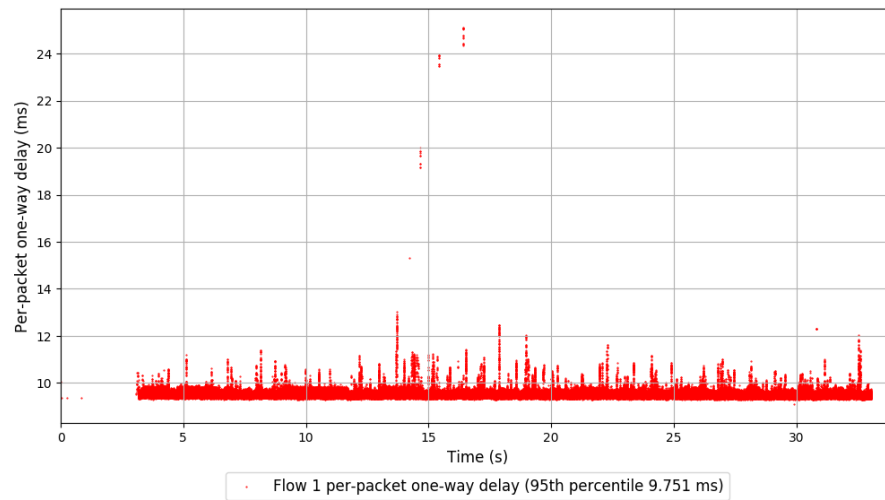
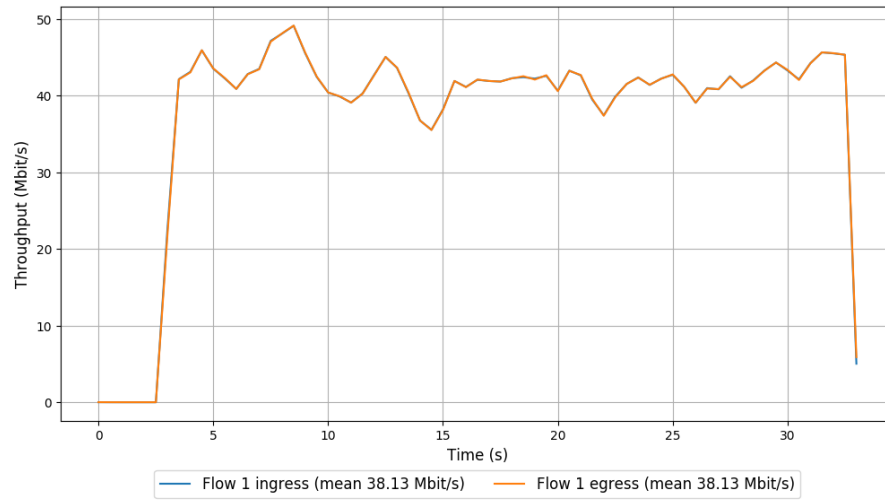
-- Flow 1:

Average throughput: 38.13 Mbit/s

95th percentile per-packet one-way delay: 9.751 ms

Loss rate: 0.00%

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



Run 5: Statistics of Copa

Start at: Thu, 29 Jun 2017 20:11:32 +0000

End at: Thu, 29 Jun 2017 20:12:02 +0000

Local clock offset: 0.501 ms

Remote clock offset: -17.386 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:41:46 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 40.09 Mbit/s

95th percentile per-packet one-way delay: 10.961 ms

Loss rate: 0.00%

-- Flow 1:

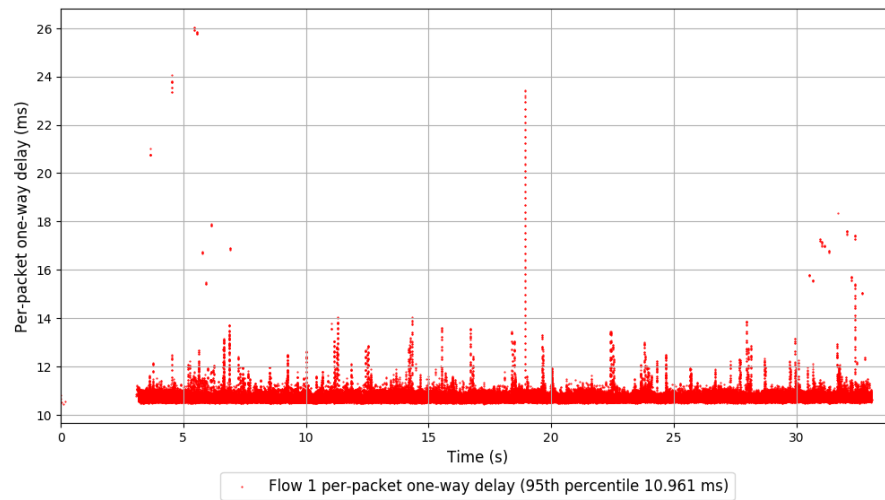
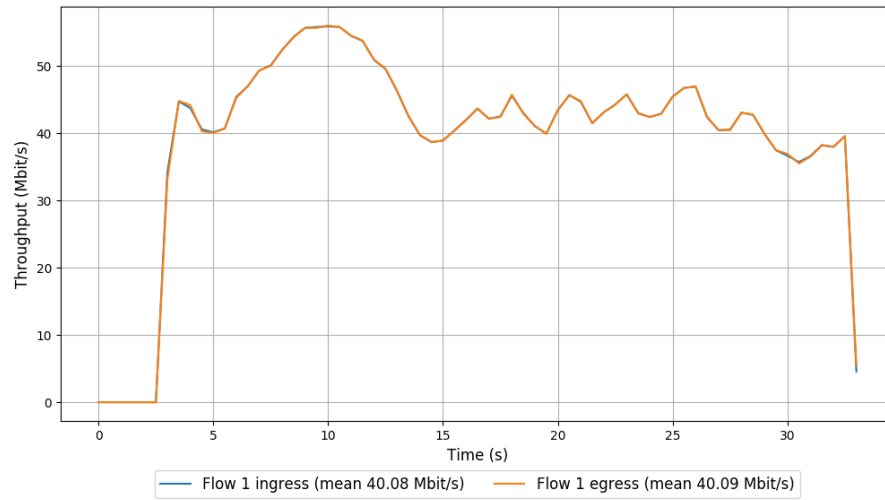
Average throughput: 40.09 Mbit/s

95th percentile per-packet one-way delay: 10.961 ms

Loss rate: 0.00%



## Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: Thu, 29 Jun 2017 20:29:39 +0000

End at: Thu, 29 Jun 2017 20:30:09 +0000

Local clock offset: -0.208 ms

Remote clock offset: -17.28 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:41:46 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 36.45 Mbit/s

95th percentile per-packet one-way delay: 12.314 ms

Loss rate: 0.00%

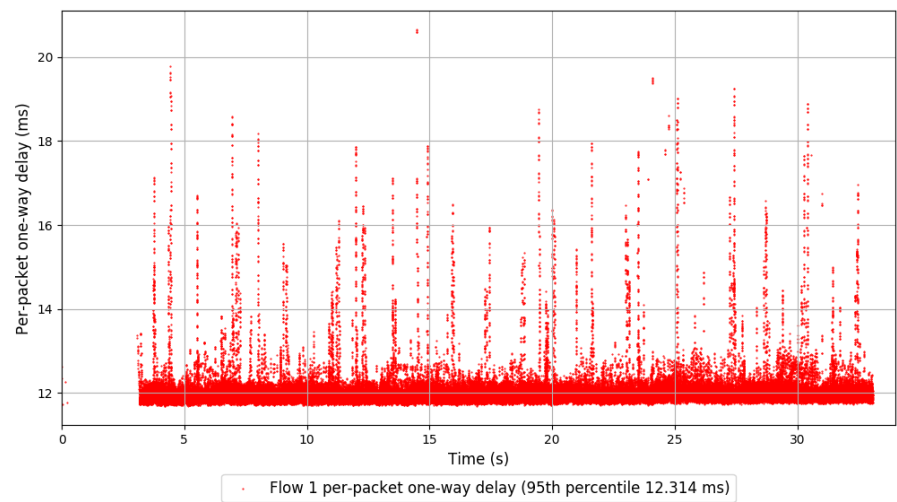
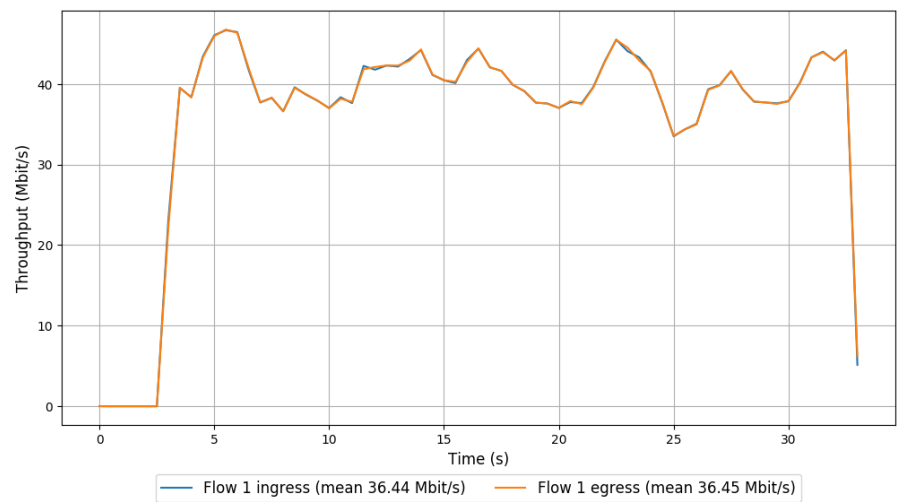
-- Flow 1:

Average throughput: 36.45 Mbit/s

95th percentile per-packet one-way delay: 12.314 ms

Loss rate: 0.00%

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

Start at: Thu, 29 Jun 2017 20:48:02 +0000

End at: Thu, 29 Jun 2017 20:48:32 +0000

Local clock offset: 2.91 ms

Remote clock offset: -18.148 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:41:55 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 37.71 Mbit/s

95th percentile per-packet one-way delay: 12.761 ms

Loss rate: 0.00%

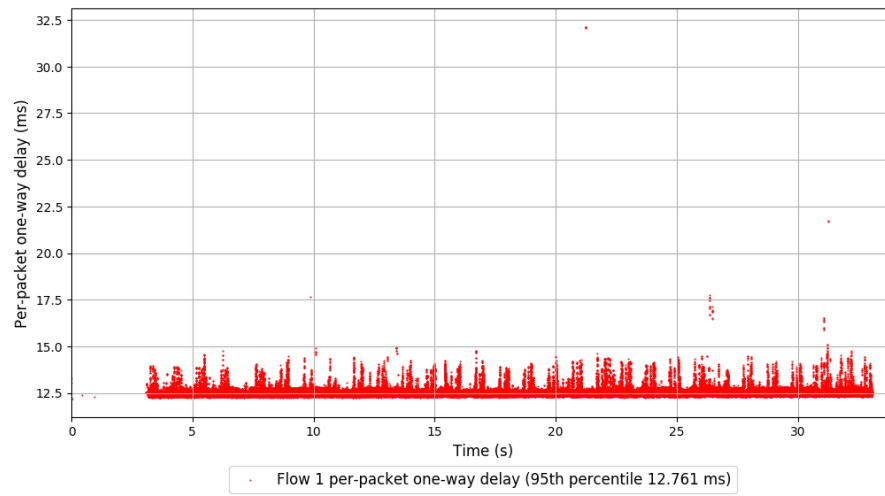
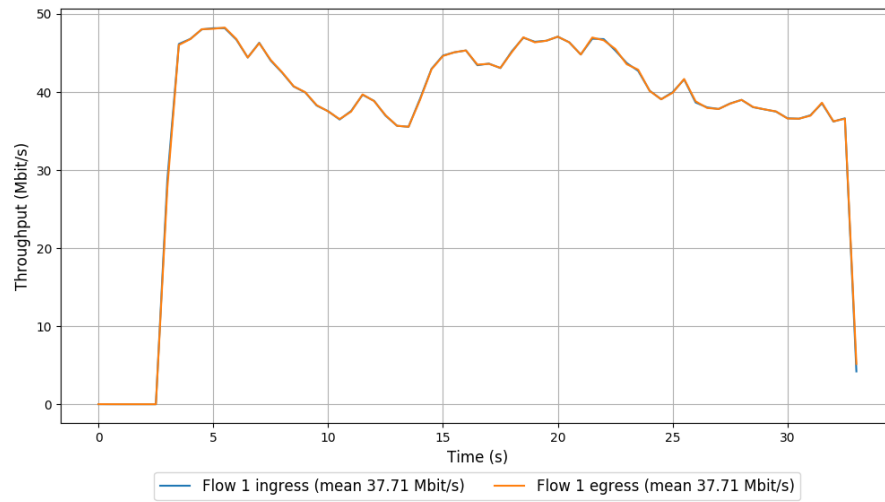
-- Flow 1:

Average throughput: 37.71 Mbit/s

95th percentile per-packet one-way delay: 12.761 ms

Loss rate: 0.00%

### Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

Start at: Thu, 29 Jun 2017 21:05:52 +0000

End at: Thu, 29 Jun 2017 21:06:22 +0000

Local clock offset: 3.184 ms

Remote clock offset: -17.356 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:41:56 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 38.57 Mbit/s

95th percentile per-packet one-way delay: 12.934 ms

Loss rate: 0.00%

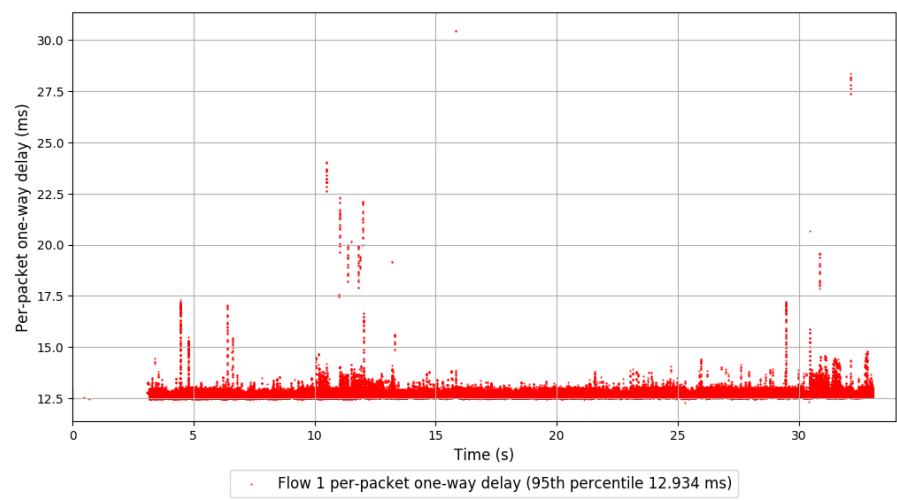
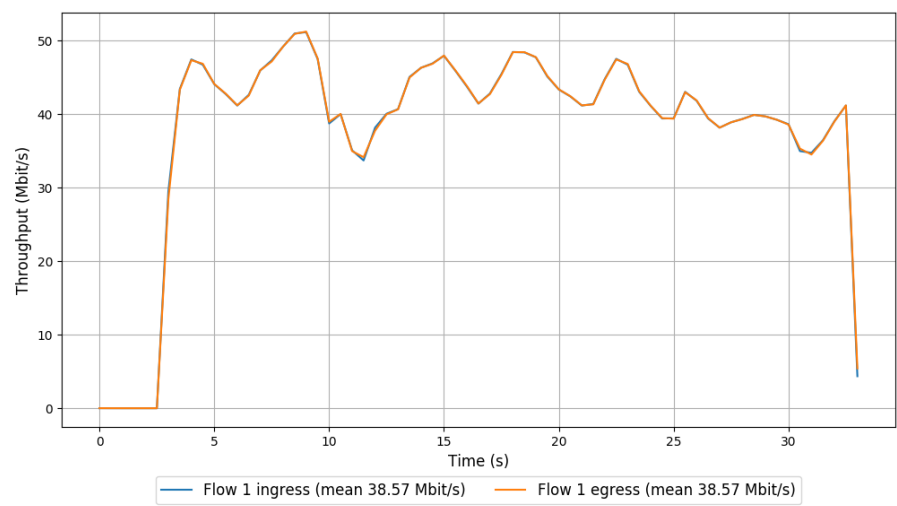
-- Flow 1:

Average throughput: 38.57 Mbit/s

95th percentile per-packet one-way delay: 12.934 ms

Loss rate: 0.00%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: Thu, 29 Jun 2017 21:23:45 +0000

End at: Thu, 29 Jun 2017 21:24:15 +0000

Local clock offset: 0.843 ms

Remote clock offset: -19.115 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:42:07 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 40.01 Mbit/s

95th percentile per-packet one-way delay: 14.288 ms

Loss rate: 0.00%

-- Flow 1:

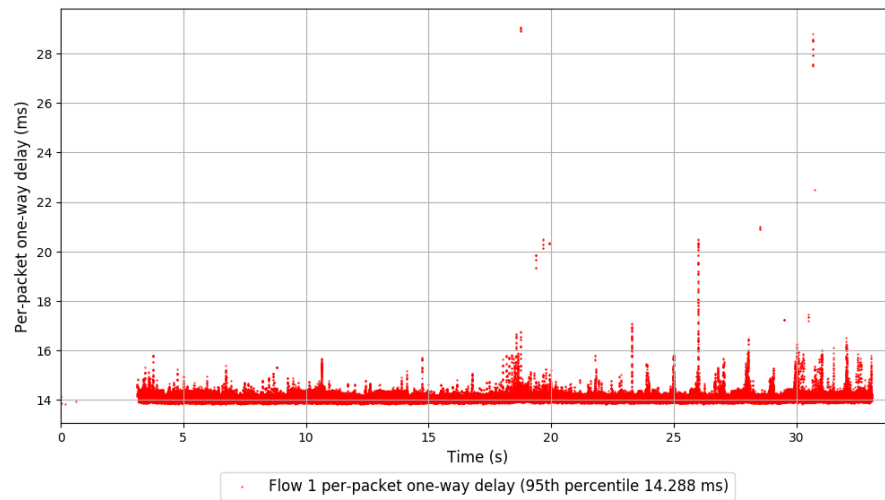
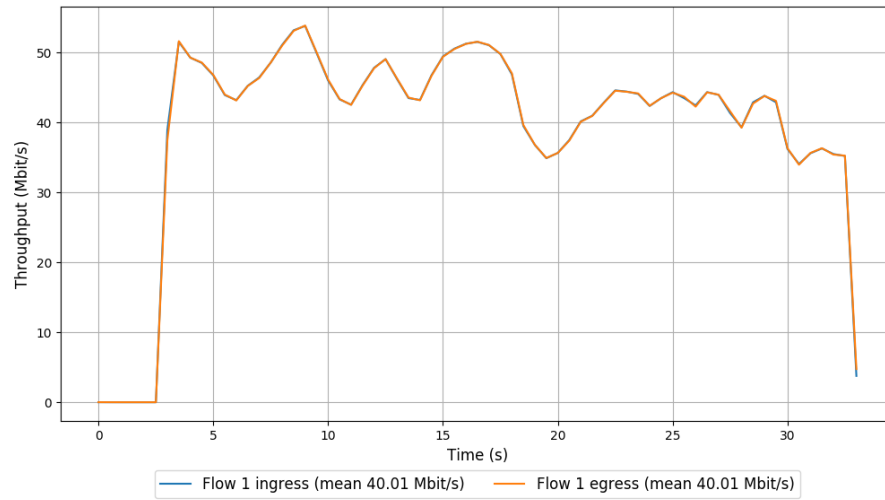
Average throughput: 40.01 Mbit/s

95th percentile per-packet one-way delay: 14.288 ms

Loss rate: 0.00%



### Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: Thu, 29 Jun 2017 21:42:02 +0000

End at: Thu, 29 Jun 2017 21:42:32 +0000

Local clock offset: 0.008 ms

Remote clock offset: -22.521 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:42:07 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 36.31 Mbit/s

95th percentile per-packet one-way delay: 15.636 ms

Loss rate: 0.00%

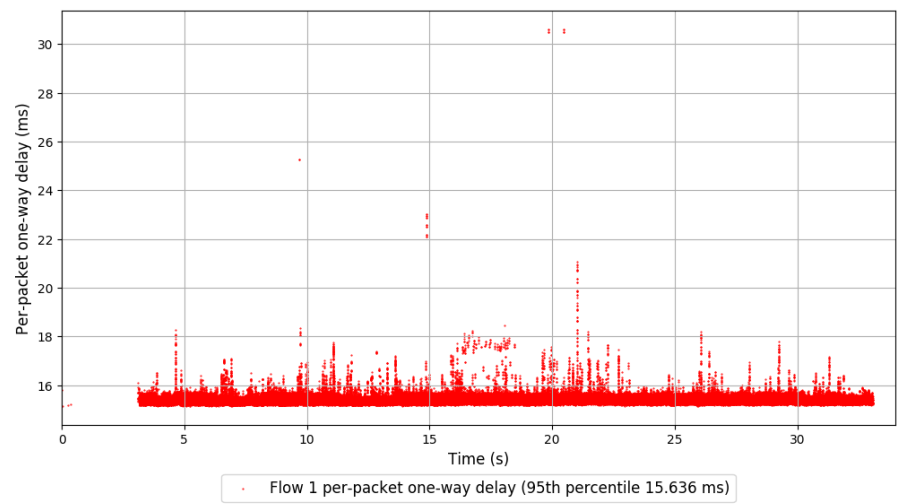
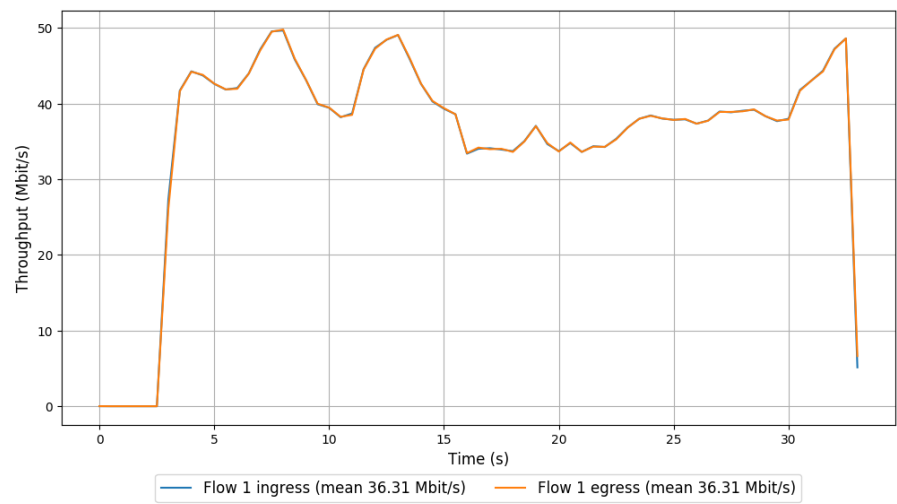
-- Flow 1:

Average throughput: 36.31 Mbit/s

95th percentile per-packet one-way delay: 15.636 ms

Loss rate: 0.00%

Run 10: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

Start at: Thu, 29 Jun 2017 18:54:43 +0000

End at: Thu, 29 Jun 2017 18:55:13 +0000

Local clock offset: 1.563 ms

Remote clock offset: -16.97 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:42:21 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 88.13 Mbit/s

95th percentile per-packet one-way delay: 49.558 ms

Loss rate: 0.54%

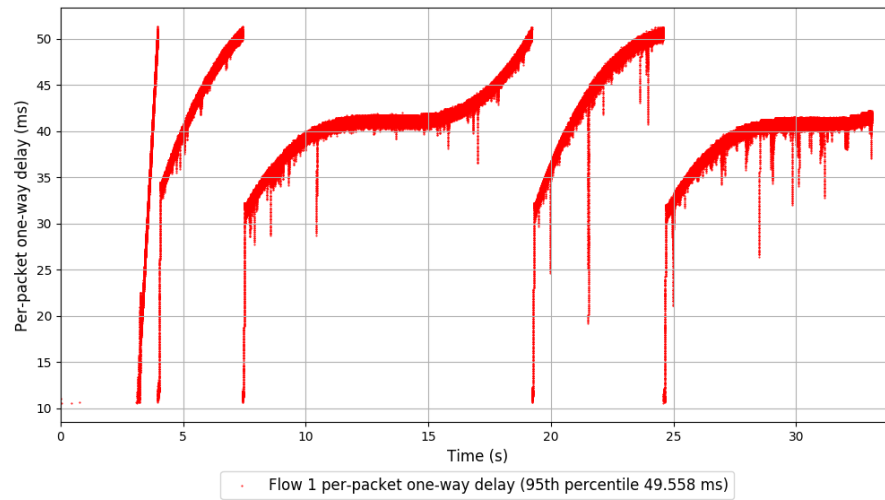
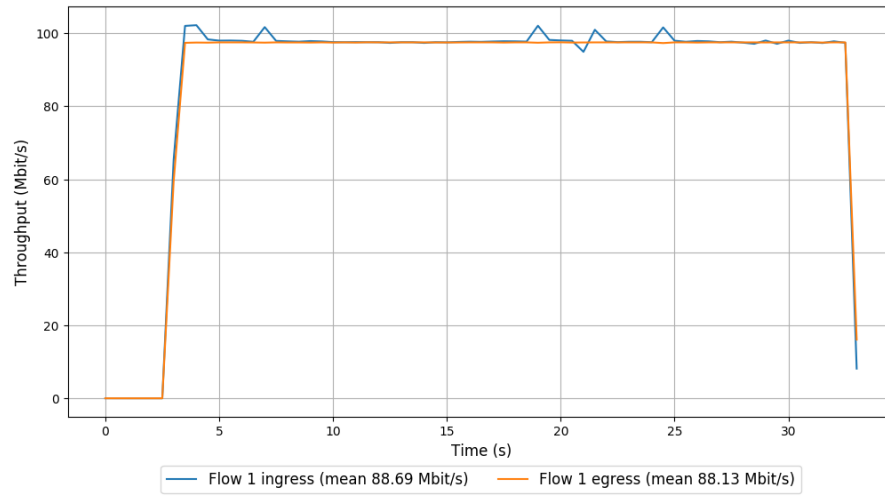
-- Flow 1:

Average throughput: 88.13 Mbit/s

95th percentile per-packet one-way delay: 49.558 ms

Loss rate: 0.54%

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



Run 2: Statistics of TCP Cubic

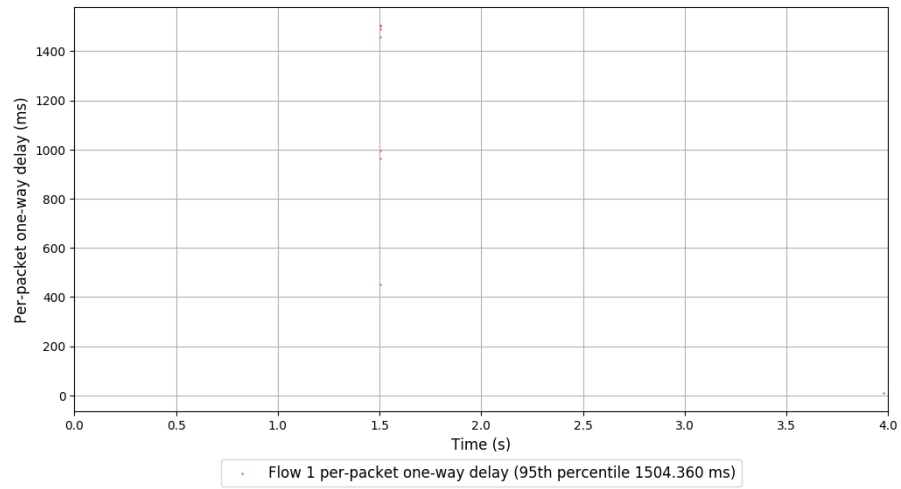
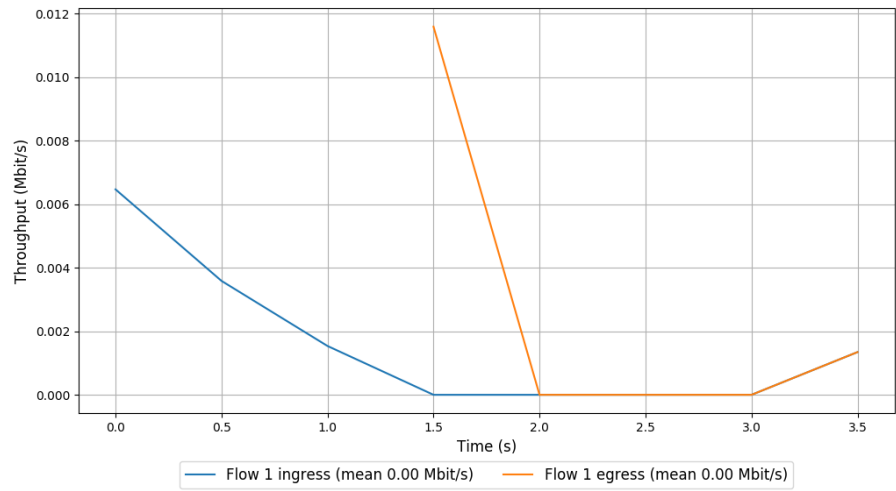
Start at: Thu, 29 Jun 2017 19:13:17 +0000

End at: Thu, 29 Jun 2017 19:13:47 +0000

Local clock offset: -1.988 ms

Remote clock offset: -16.516 ms

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



Run 3: Statistics of TCP Cubic

Start at: Thu, 29 Jun 2017 19:31:18 +0000

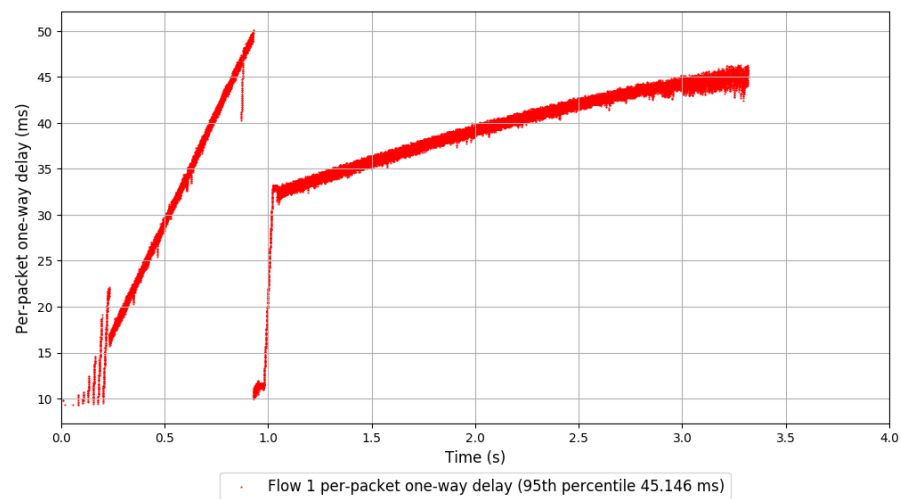
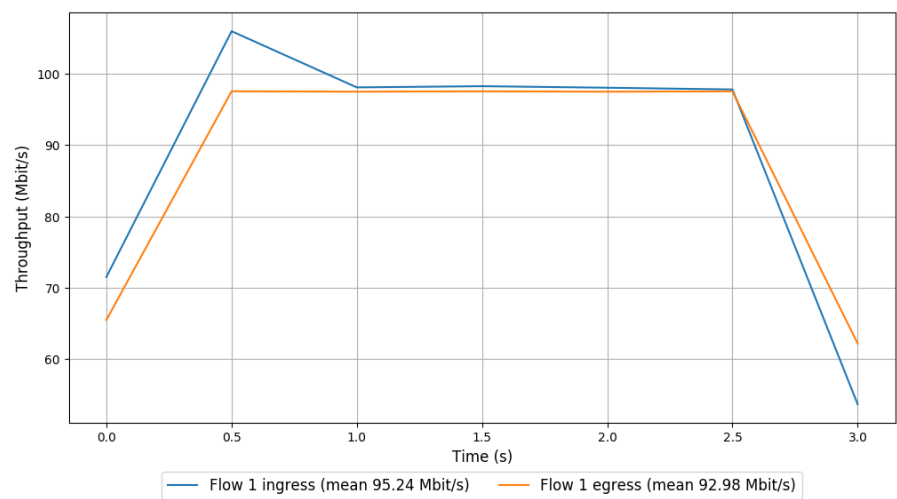
End at: Thu, 29 Jun 2017 19:31:48 +0000

Local clock offset: 2.559 ms

Remote clock offset: -16.224 ms



Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: Thu, 29 Jun 2017 19:49:27 +0000

End at: Thu, 29 Jun 2017 19:49:57 +0000

Local clock offset: -0.366 ms

Remote clock offset: -16.886 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 88.15 Mbit/s

95th percentile per-packet one-way delay: 47.554 ms

Loss rate: 0.23%

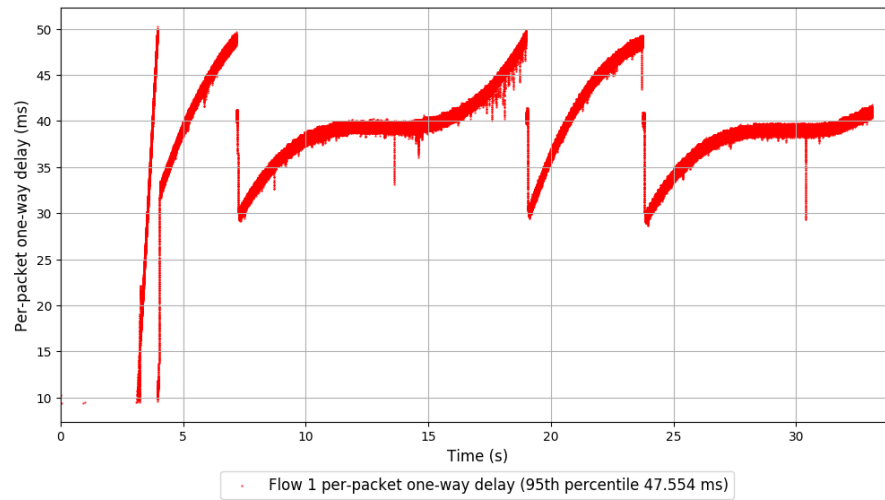
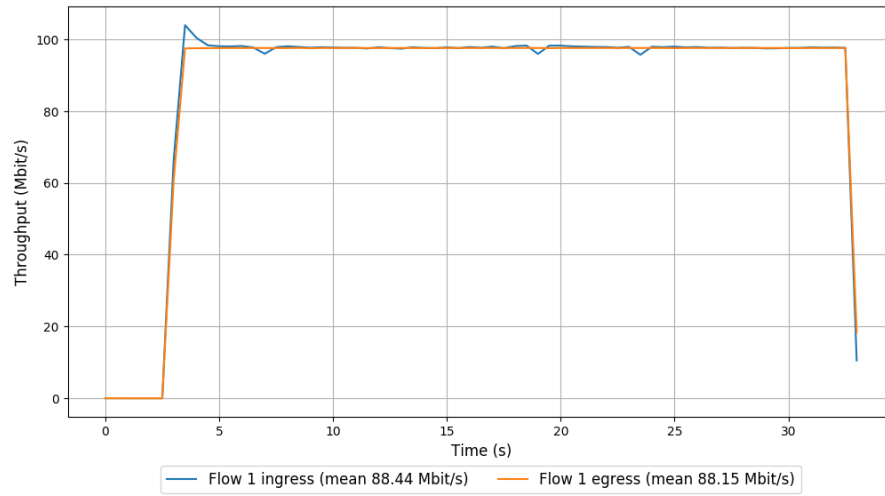
-- Flow 1:

Average throughput: 88.15 Mbit/s

95th percentile per-packet one-way delay: 47.554 ms

Loss rate: 0.23%

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



Run 5: Statistics of TCP Cubic

Start at: Thu, 29 Jun 2017 20:07:45 +0000

End at: Thu, 29 Jun 2017 20:08:15 +0000

Local clock offset: 2.693 ms

Remote clock offset: -18.068 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:42:29 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 79.09 Mbit/s

95th percentile per-packet one-way delay: 44.676 ms

Loss rate: 0.23%

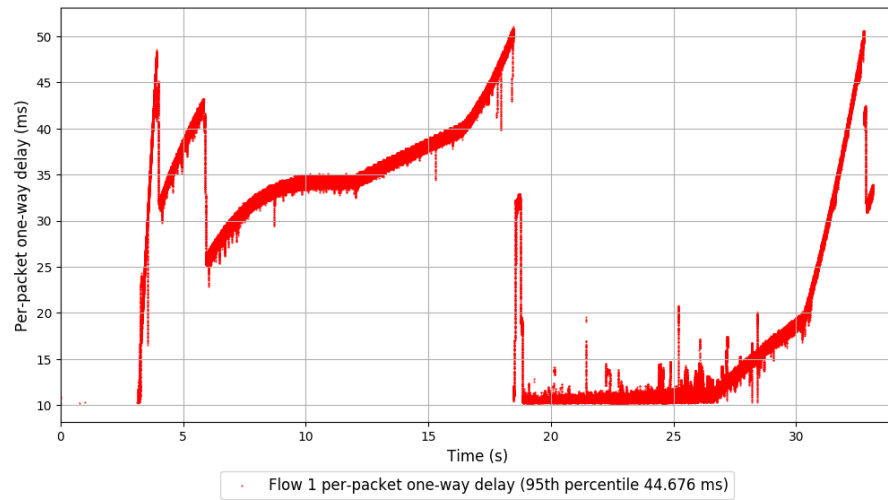
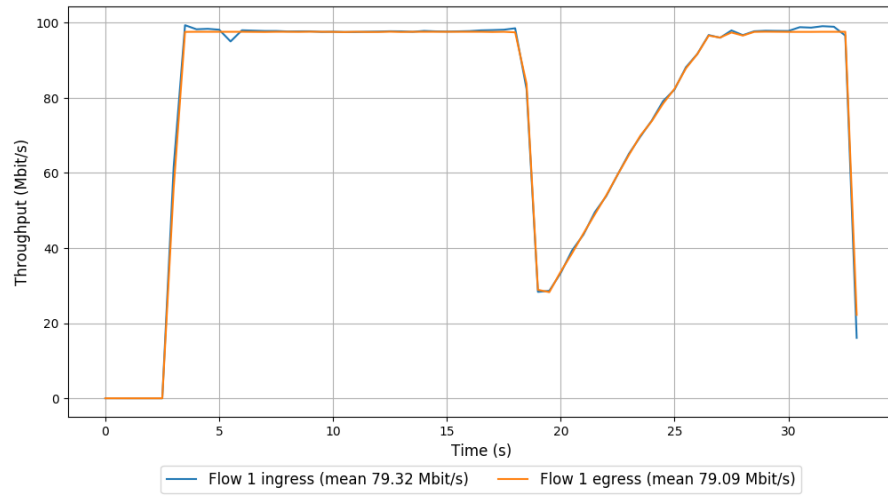
-- Flow 1:

Average throughput: 79.09 Mbit/s

95th percentile per-packet one-way delay: 44.676 ms

Loss rate: 0.23%

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



Run 6: Statistics of TCP Cubic

Start at: Thu, 29 Jun 2017 20:26:01 +0000

End at: Thu, 29 Jun 2017 20:26:31 +0000

Local clock offset: 0.359 ms

Remote clock offset: -16.685 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:42:34 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 79.03 Mbit/s

95th percentile per-packet one-way delay: 46.702 ms

Loss rate: 0.20%

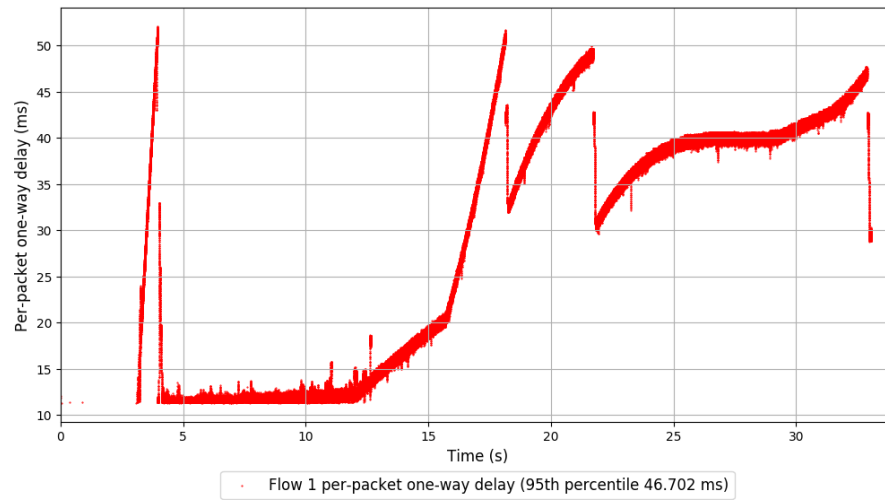
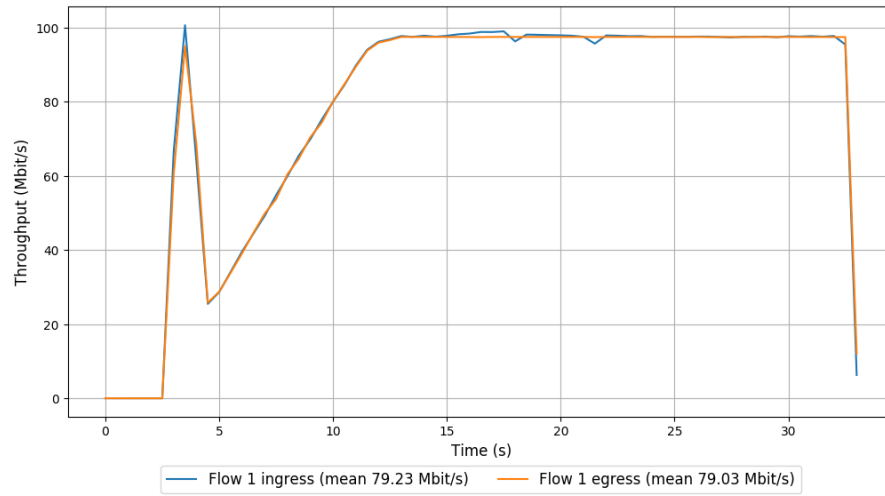
-- Flow 1:

Average throughput: 79.03 Mbit/s

95th percentile per-packet one-way delay: 46.702 ms

Loss rate: 0.20%

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



Run 7: Statistics of TCP Cubic

Start at: Thu, 29 Jun 2017 20:44:18 +0000

End at: Thu, 29 Jun 2017 20:44:48 +0000

Local clock offset: 3.22 ms

Remote clock offset: -17.519 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 88.14 Mbit/s

95th percentile per-packet one-way delay: 50.115 ms

Loss rate: 0.32%

-- Flow 1:

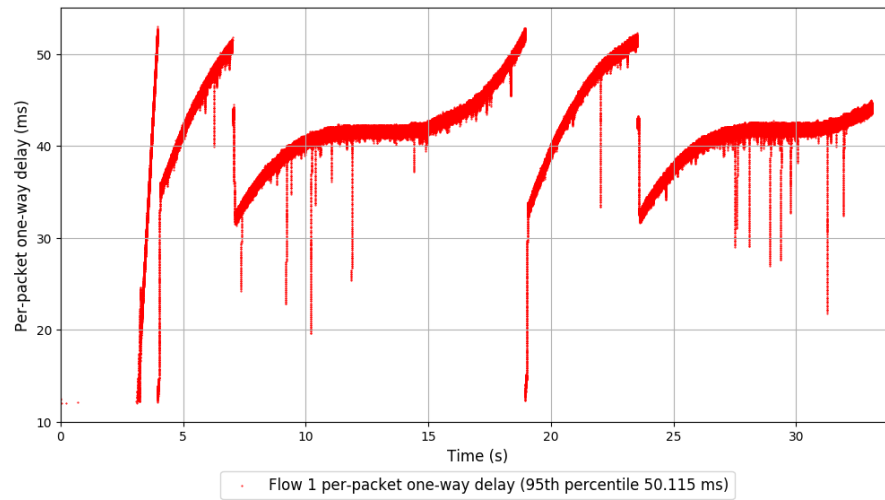
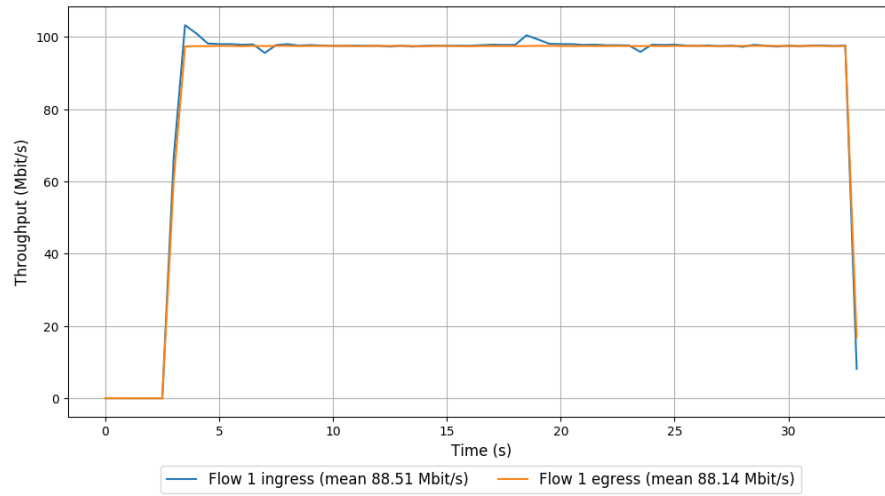
Average throughput: 88.14 Mbit/s

95th percentile per-packet one-way delay: 50.115 ms

Loss rate: 0.32%



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



Run 8: Statistics of TCP Cubic

Start at: Thu, 29 Jun 2017 21:02:11 +0000

End at: Thu, 29 Jun 2017 21:02:41 +0000

Local clock offset: 2.282 ms

Remote clock offset: -17.925 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:42:47 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 88.15 Mbit/s

95th percentile per-packet one-way delay: 51.050 ms

Loss rate: 0.33%

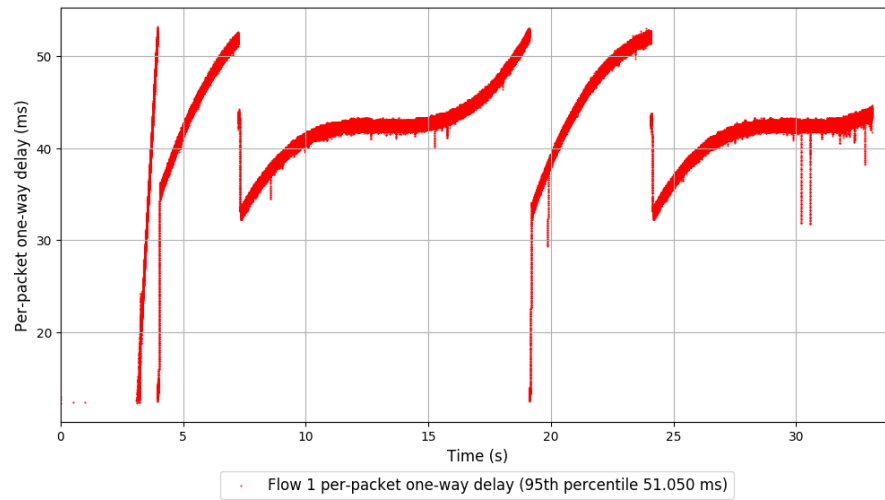
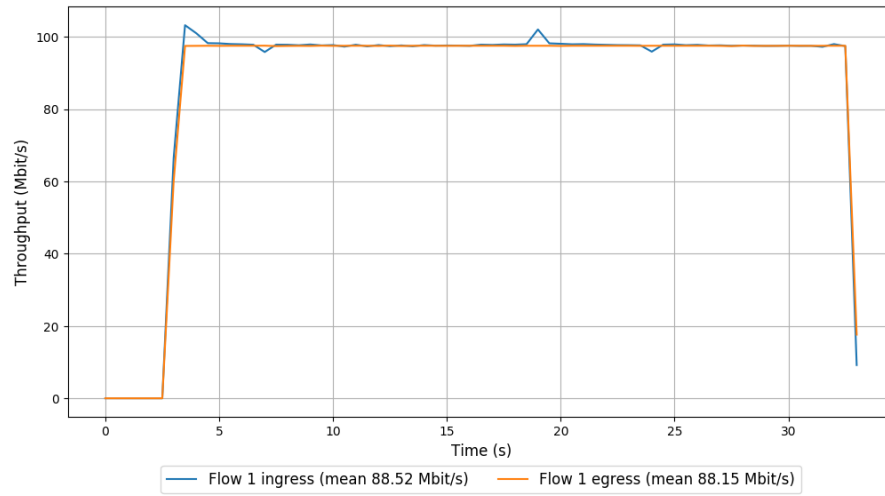
-- Flow 1:

Average throughput: 88.15 Mbit/s

95th percentile per-packet one-way delay: 51.050 ms

Loss rate: 0.33%

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



Run 9: Statistics of TCP Cubic

Start at: Thu, 29 Jun 2017 21:19:59 +0000

End at: Thu, 29 Jun 2017 21:20:29 +0000

Local clock offset: 2.528 ms

Remote clock offset: -19.439 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:42:54 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 80.35 Mbit/s

95th percentile per-packet one-way delay: 51.418 ms

Loss rate: 0.45%

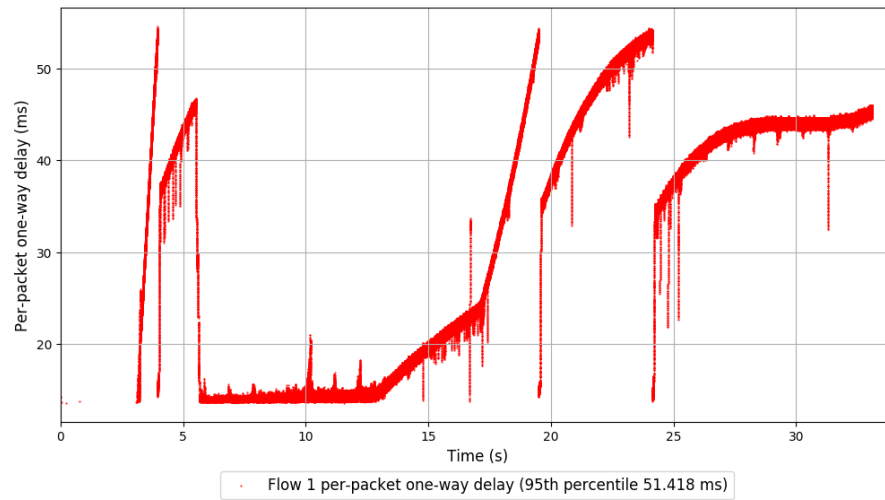
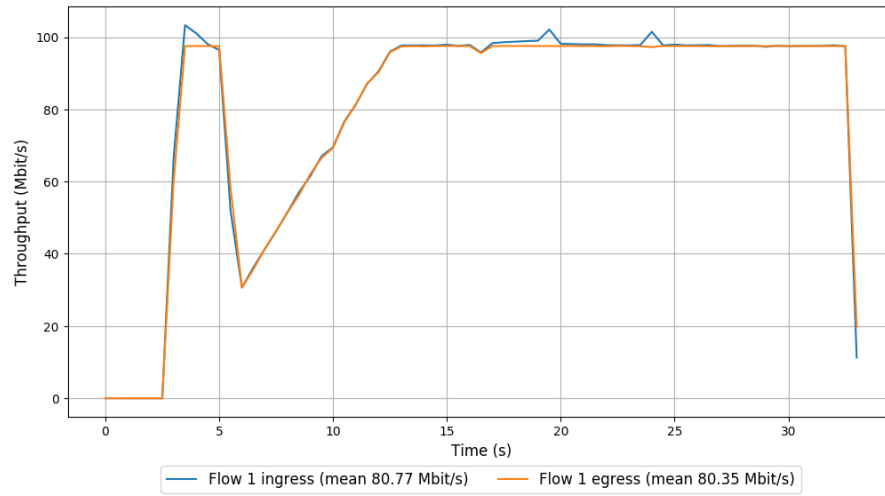
-- Flow 1:

Average throughput: 80.35 Mbit/s

95th percentile per-packet one-way delay: 51.418 ms

Loss rate: 0.45%

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



Run 10: Statistics of TCP Cubic

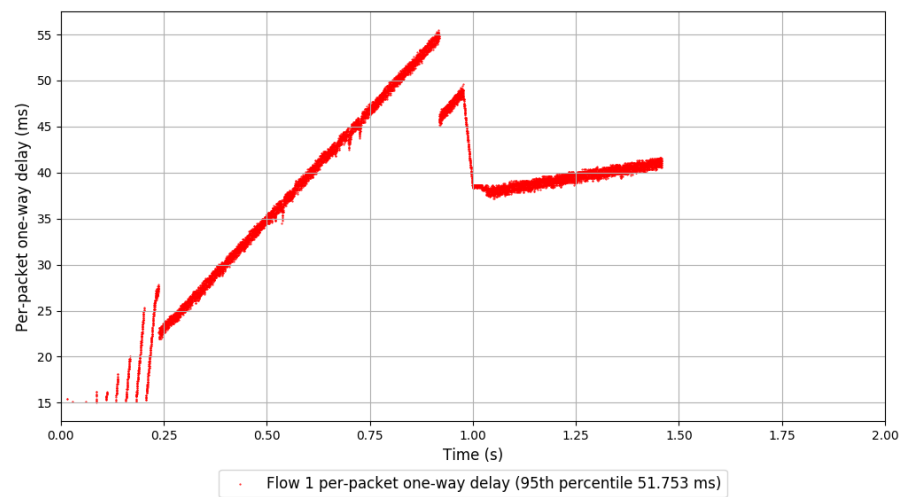
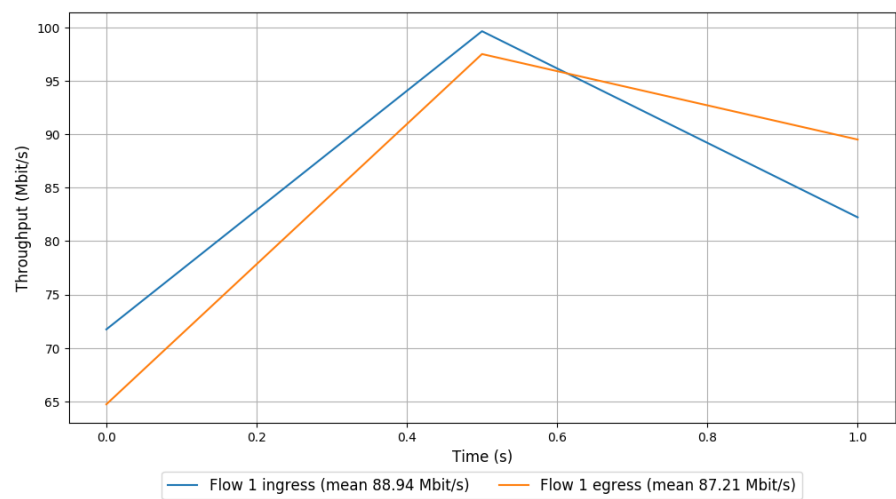
Start at: Thu, 29 Jun 2017 21:38:33 +0000

End at: Thu, 29 Jun 2017 21:39:03 +0000

Local clock offset: 2.54 ms

Remote clock offset: -21.366 ms

Run 10: Report of TCP Cubic — Data Link



Run 1: Statistics of KohoCC

Start at: Thu, 29 Jun 2017 19:04:34 +0000

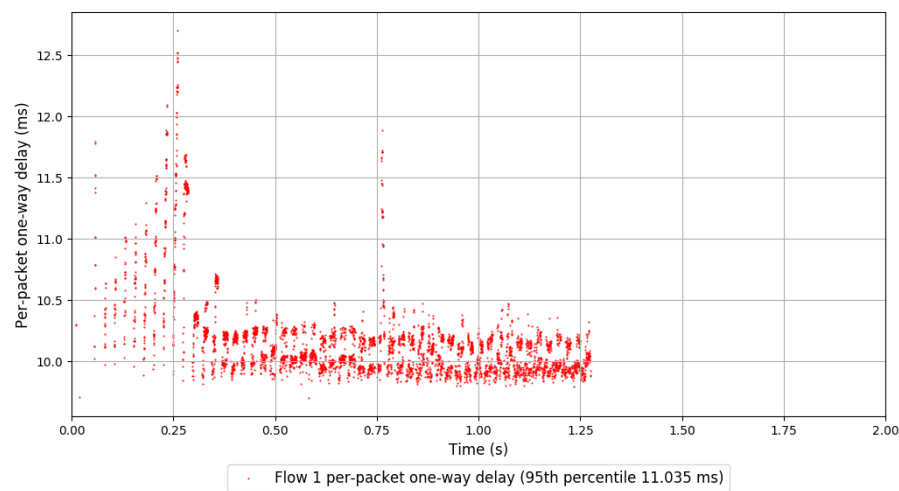
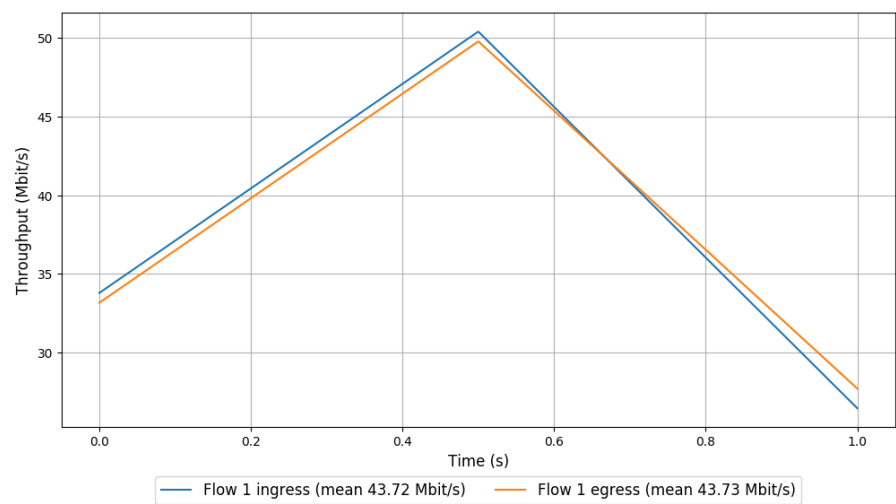
End at: Thu, 29 Jun 2017 19:05:04 +0000

Local clock offset: -0.473 ms

Remote clock offset: -17.357 ms



Run 1: Report of KohoCC — Data Link



Run 2: Statistics of KohoCC

Start at: Thu, 29 Jun 2017 19:22:47 +0000

End at: Thu, 29 Jun 2017 19:23:17 +0000

Local clock offset: 1.906 ms

Remote clock offset: -15.701 ms

Run 2: Report of KohoCC — Data Link

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Figure is missing

Run 3: Statistics of KohoCC

Start at: Thu, 29 Jun 2017 19:40:50 +0000

End at: Thu, 29 Jun 2017 19:41:20 +0000

Local clock offset: -0.753 ms

Remote clock offset: -15.812 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:42:58 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 45.24 Mbit/s

95th percentile per-packet one-way delay: 10.323 ms

Loss rate: 0.00%

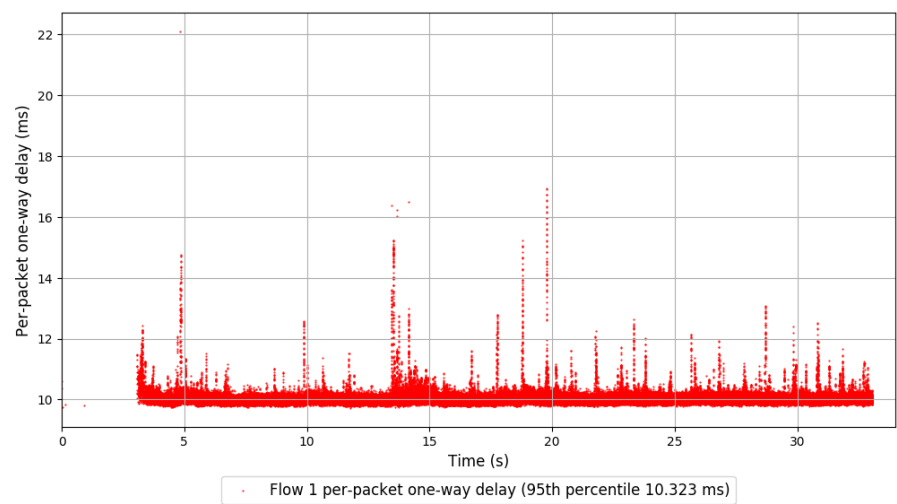
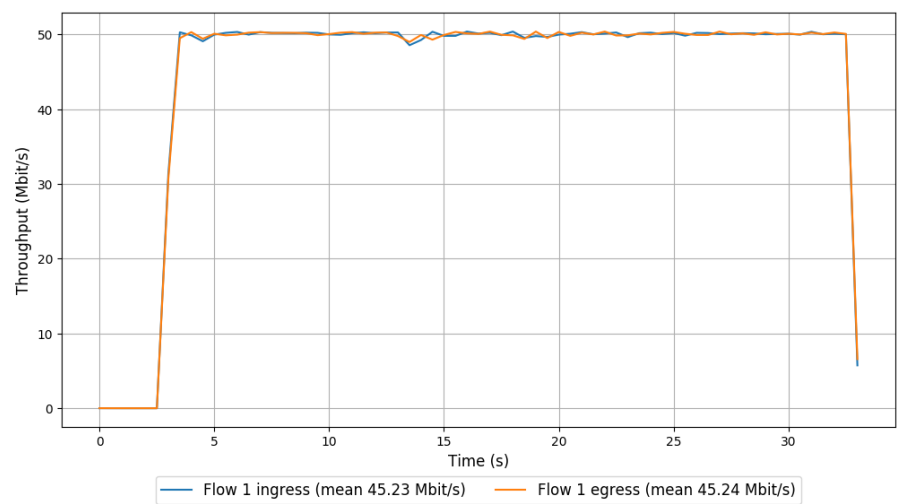
-- Flow 1:

Average throughput: 45.24 Mbit/s

95th percentile per-packet one-way delay: 10.323 ms

Loss rate: 0.00%

Run 3: Report of KohoCC — Data Link



Run 4: Statistics of KohoCC

Start at: Thu, 29 Jun 2017 19:59:06 +0000

End at: Thu, 29 Jun 2017 19:59:36 +0000

Local clock offset: 0.184 ms

Remote clock offset: -15.3 ms

Run 4: Report of KohoCC — Data Link

Figure is missing

Figure is missing

Run 5: Statistics of KohoCC

Start at: Thu, 29 Jun 2017 20:17:27 +0000

End at: Thu, 29 Jun 2017 20:17:57 +0000

Local clock offset: -0.192 ms

Remote clock offset: -17.288 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 49.36 Mbit/s

95th percentile per-packet one-way delay: 11.766 ms

Loss rate: 0.00%

-- Flow 1:

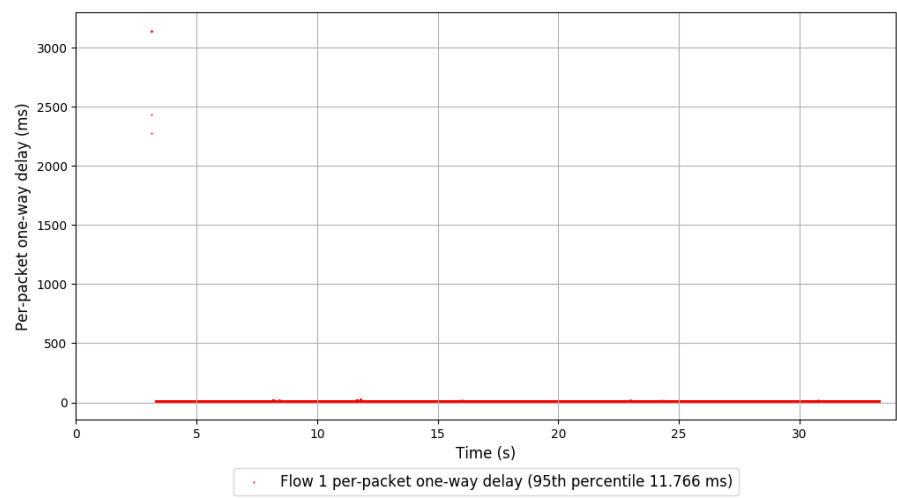
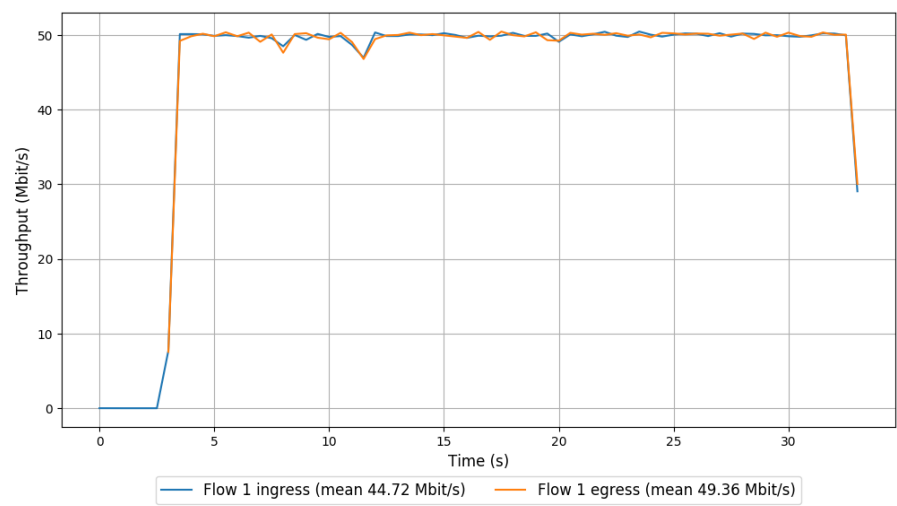
Average throughput: 49.36 Mbit/s

95th percentile per-packet one-way delay: 11.766 ms

Loss rate: 0.00%



Run 5: Report of KohoCC — Data Link



Run 6: Statistics of KohoCC

Start at: Thu, 29 Jun 2017 20:35:26 +0000

End at: Thu, 29 Jun 2017 20:35:56 +0000

Local clock offset: 3.313 ms

Remote clock offset: -17.9 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:43:05 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 45.11 Mbit/s

95th percentile per-packet one-way delay: 12.763 ms

Loss rate: 0.00%

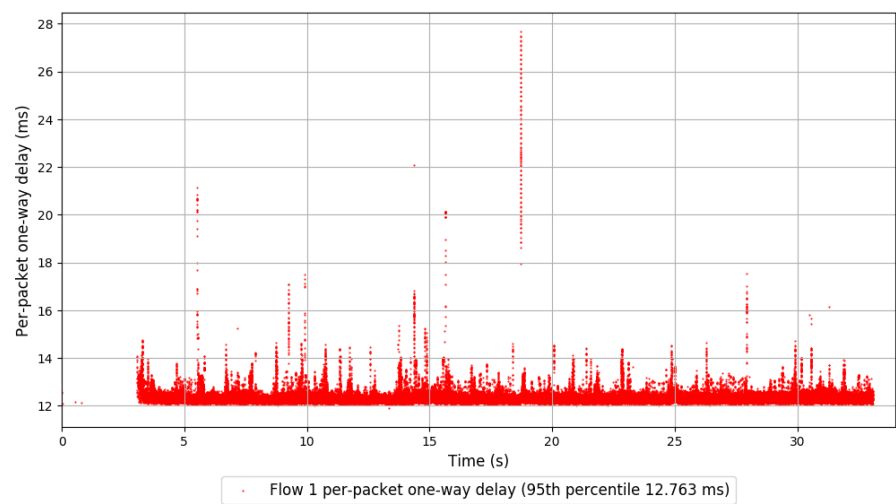
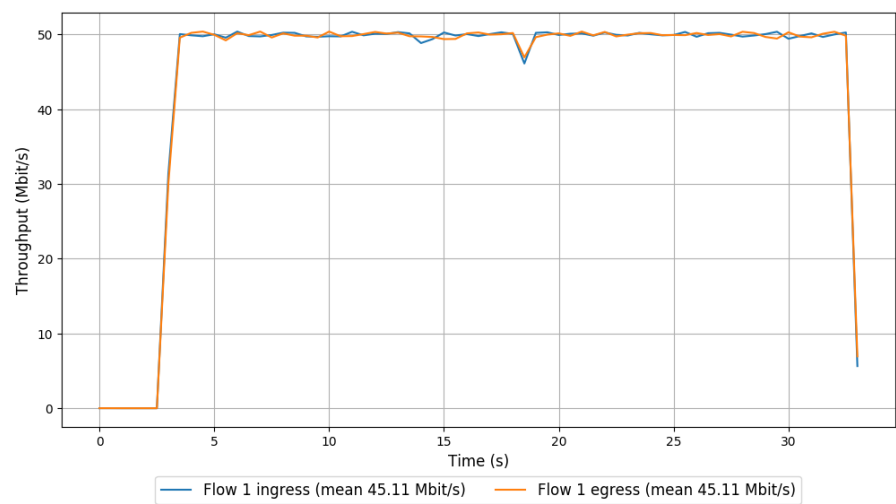
-- Flow 1:

Average throughput: 45.11 Mbit/s

95th percentile per-packet one-way delay: 12.763 ms

Loss rate: 0.00%

Run 6: Report of KohoCC — Data Link



Run 7: Statistics of KohoCC

Start at: Thu, 29 Jun 2017 20:53:51 +0000

End at: Thu, 29 Jun 2017 20:54:21 +0000

Local clock offset: 3.612 ms

Remote clock offset: -17.701 ms

Run 7: Report of KohoCC — Data Link

Figure is missing

Figure is missing

Run 8: Statistics of KohoCC

Start at: Thu, 29 Jun 2017 21:11:41 +0000

End at: Thu, 29 Jun 2017 21:12:11 +0000

Local clock offset: -0.232 ms

Remote clock offset: -19.329 ms

Run 8: Report of KohoCC — Data Link

Figure is missing

Figure is missing

Run 9: Statistics of KohoCC

Start at: Thu, 29 Jun 2017 21:29:42 +0000

End at: Thu, 29 Jun 2017 21:30:12 +0000

Local clock offset: 1.247 ms

Remote clock offset: -19.417 ms



Run 9: Report of KohoCC — Data Link

Figure is missing

Figure is missing

Run 10: Statistics of KohoCC

Start at: Thu, 29 Jun 2017 21:47:55 +0000

End at: Thu, 29 Jun 2017 21:48:25 +0000

Local clock offset: 2.56 ms

Remote clock offset: -20.41 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:43:09 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 42.44 Mbit/s

95th percentile per-packet one-way delay: 15.957 ms

Loss rate: 0.09%

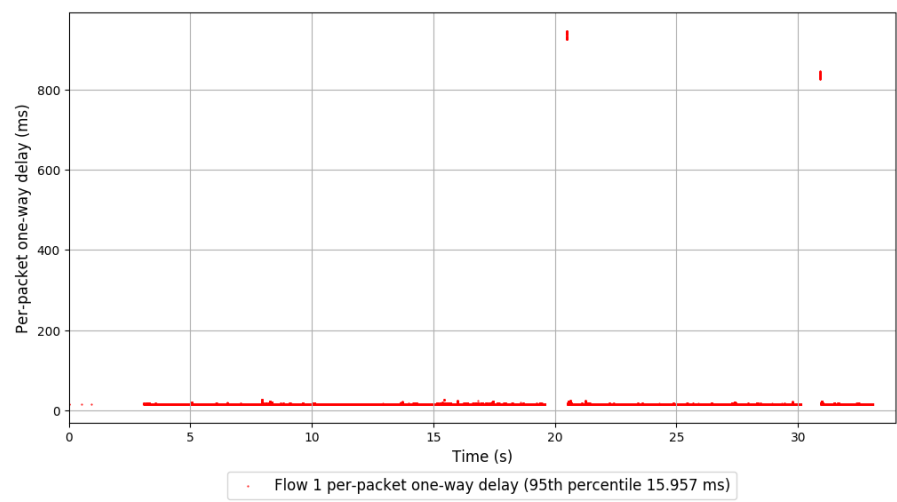
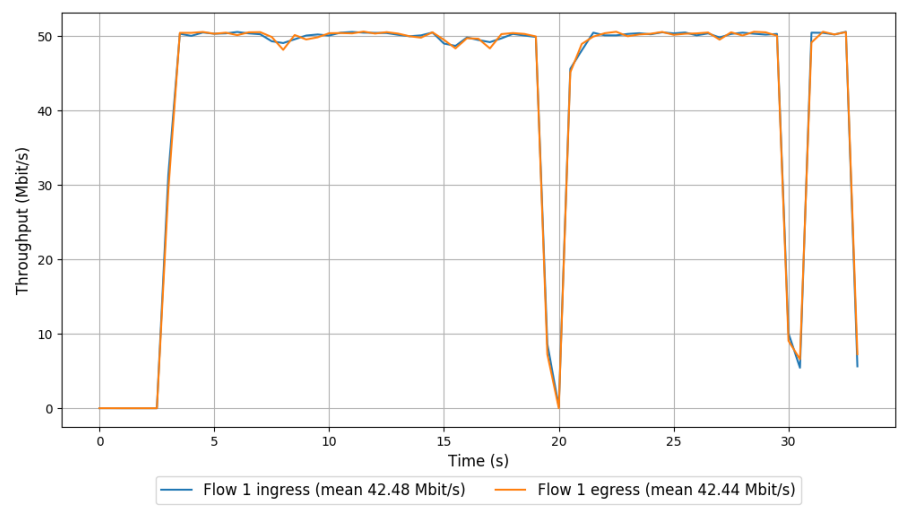
-- Flow 1:

Average throughput: 42.44 Mbit/s

95th percentile per-packet one-way delay: 15.957 ms

Loss rate: 0.09%

Run 10: Report of KohoCC — Data Link



Run 1: Statistics of LEDBAT

Start at: Thu, 29 Jun 2017 19:06:53 +0000

End at: Thu, 29 Jun 2017 19:07:23 +0000

Local clock offset: 1.879 ms

Remote clock offset: -15.086 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:43:18 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 77.23 Mbit/s

95th percentile per-packet one-way delay: 46.459 ms

Loss rate: 0.18%

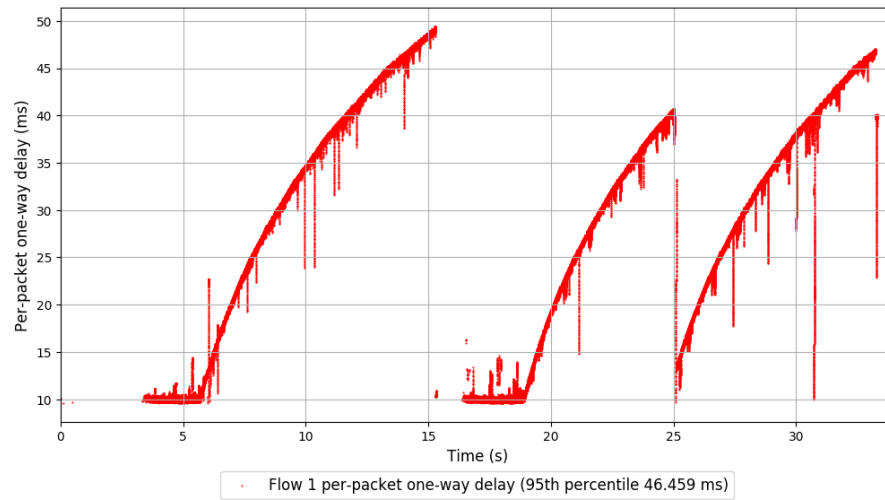
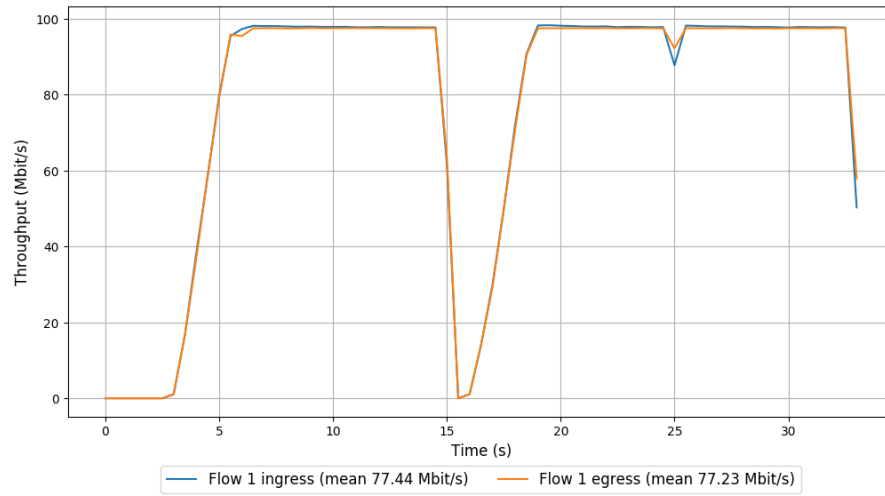
-- Flow 1:

Average throughput: 77.23 Mbit/s

95th percentile per-packet one-way delay: 46.459 ms

Loss rate: 0.18%

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



Run 2: Statistics of LEDBAT

Start at: Thu, 29 Jun 2017 19:25:06 +0000

End at: Thu, 29 Jun 2017 19:25:36 +0000

Local clock offset: 1.32 ms

Remote clock offset: -17.154 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:43:19 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 71.87 Mbit/s

95th percentile per-packet one-way delay: 46.892 ms

Loss rate: 0.08%

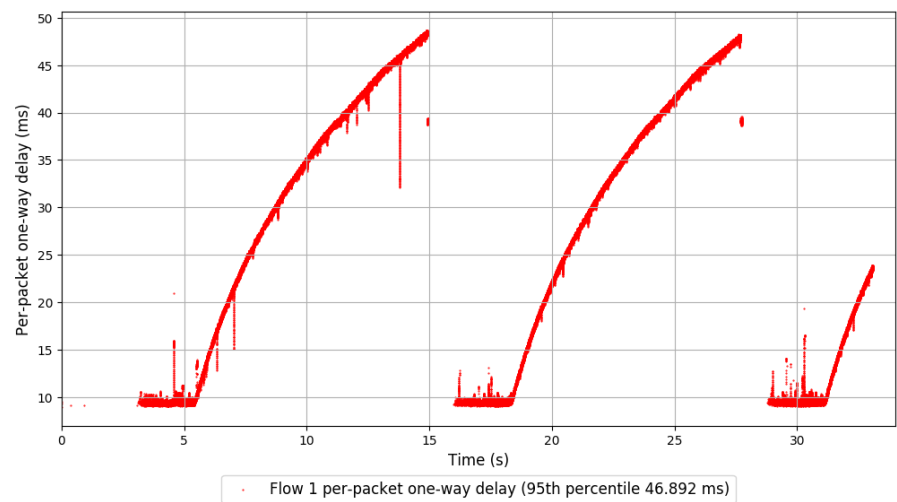
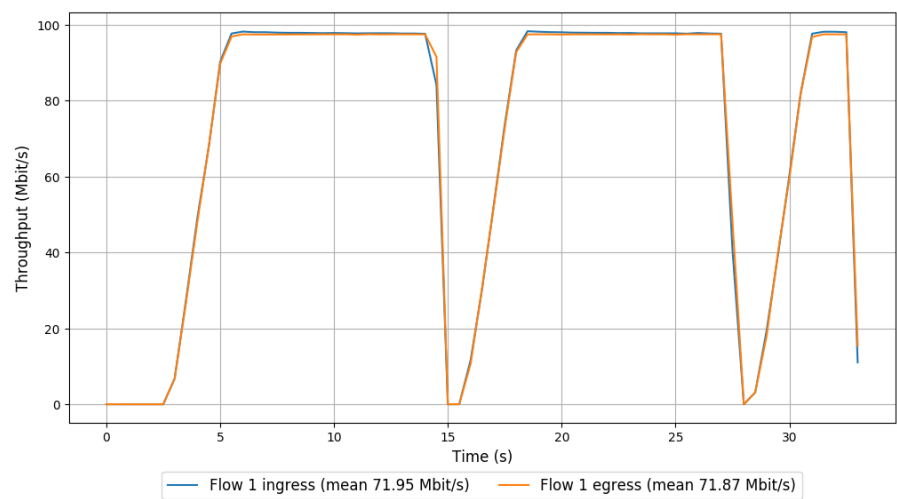
-- Flow 1:

Average throughput: 71.87 Mbit/s

95th percentile per-packet one-way delay: 46.892 ms

Loss rate: 0.08%

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: Thu, 29 Jun 2017 19:43:20 +0000

End at: Thu, 29 Jun 2017 19:43:50 +0000

Local clock offset: 2.462 ms

Remote clock offset: -15.745 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:43:29 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 71.76 Mbit/s

95th percentile per-packet one-way delay: 47.351 ms

Loss rate: 0.08%

-- Flow 1:

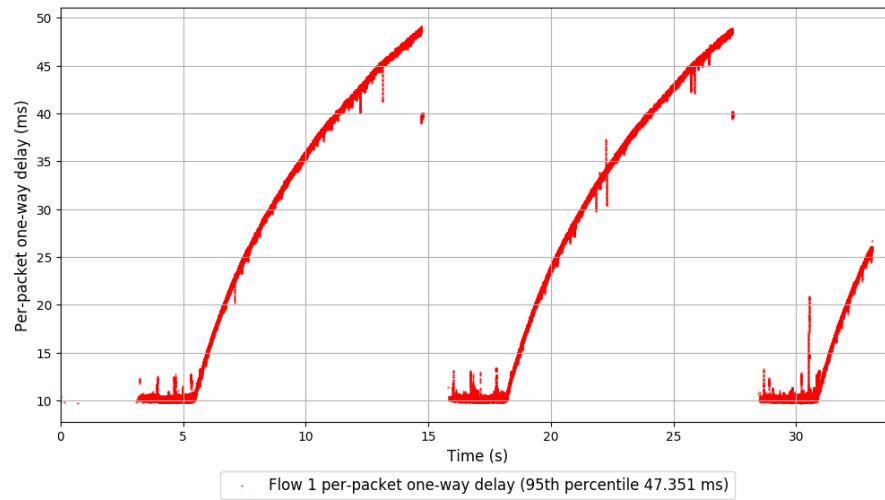
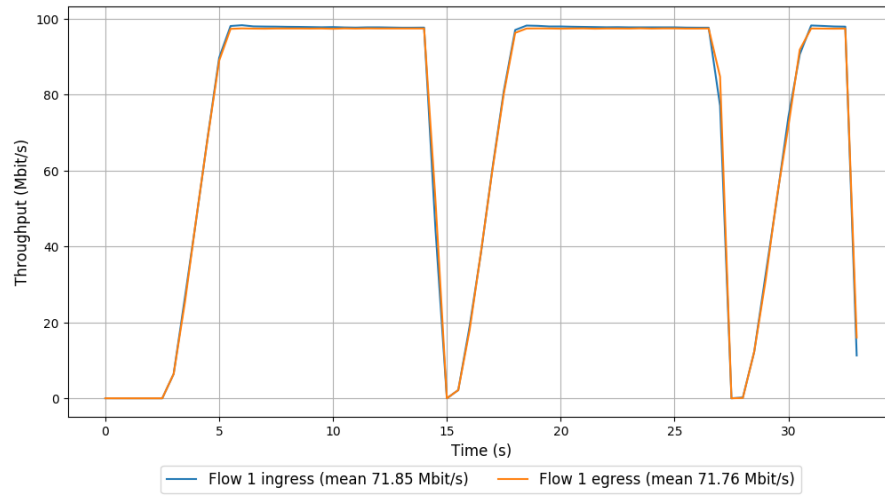
Average throughput: 71.76 Mbit/s

95th percentile per-packet one-way delay: 47.351 ms

Loss rate: 0.08%



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



Run 4: Statistics of LEDBAT

Start at: Thu, 29 Jun 2017 20:01:31 +0000

End at: Thu, 29 Jun 2017 20:02:01 +0000

Local clock offset: -0.275 ms

Remote clock offset: -15.973 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 71.68 Mbit/s

95th percentile per-packet one-way delay: 44.427 ms

Loss rate: 0.05%

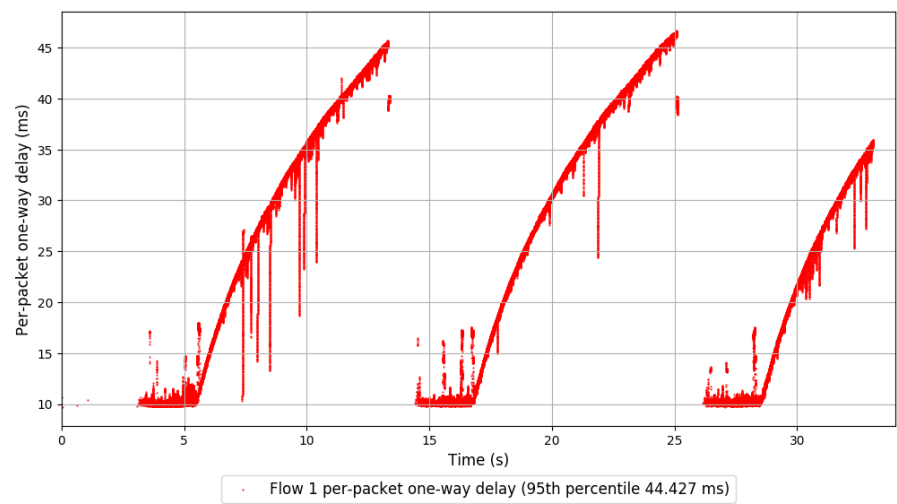
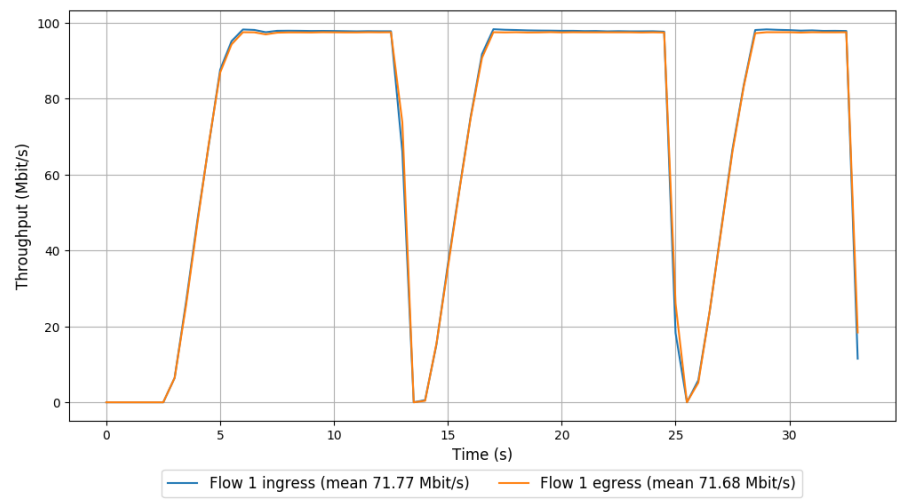
-- Flow 1:

Average throughput: 71.68 Mbit/s

95th percentile per-packet one-way delay: 44.427 ms

Loss rate: 0.05%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: Thu, 29 Jun 2017 20:19:53 +0000

End at: Thu, 29 Jun 2017 20:20:24 +0000

Local clock offset: 0.006 ms

Remote clock offset: -17.051 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:43:40 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 76.17 Mbit/s

95th percentile per-packet one-way delay: 47.007 ms

Loss rate: 0.04%

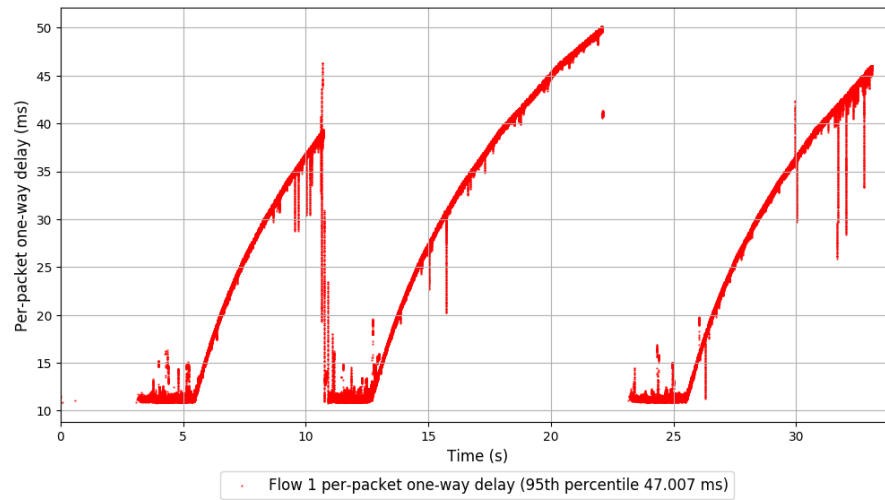
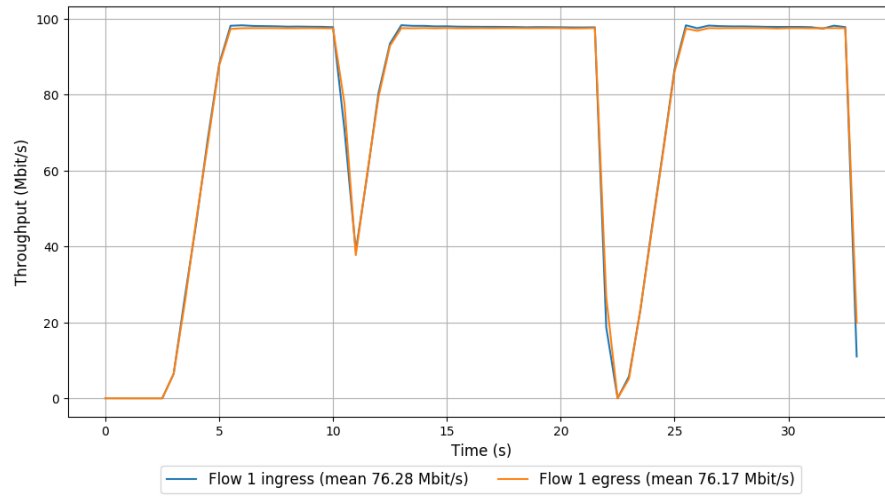
-- Flow 1:

Average throughput: 76.17 Mbit/s

95th percentile per-packet one-way delay: 47.007 ms

Loss rate: 0.04%

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



Run 6: Statistics of LEDBAT

Start at: Thu, 29 Jun 2017 20:37:52 +0000

End at: Thu, 29 Jun 2017 20:38:22 +0000

Local clock offset: 0.827 ms

Remote clock offset: -18.063 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:43:41 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 73.76 Mbit/s

95th percentile per-packet one-way delay: 47.667 ms

Loss rate: 0.04%

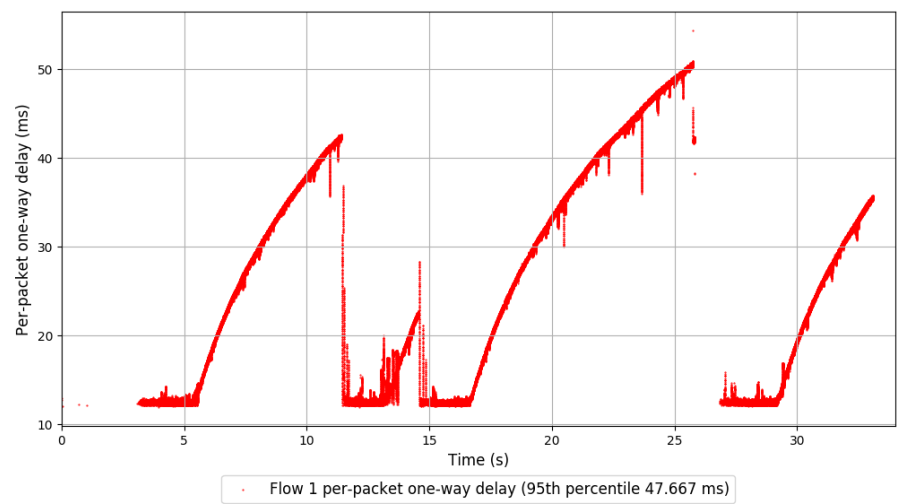
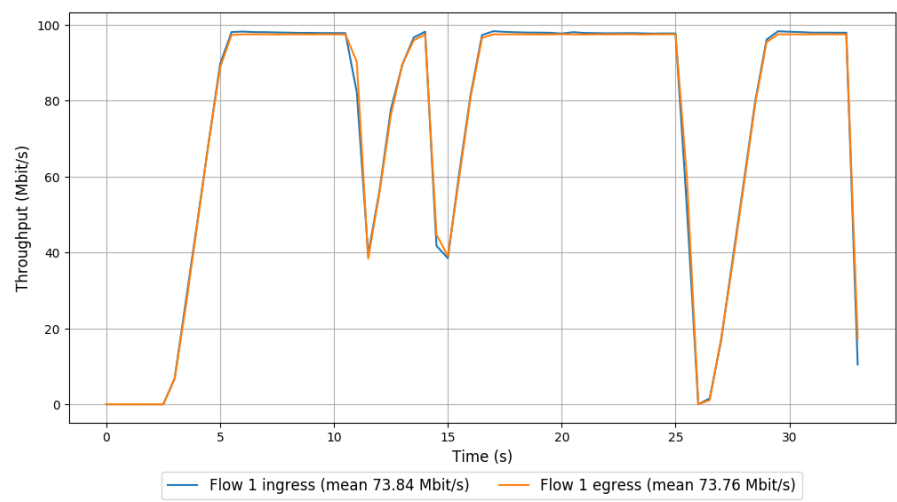
-- Flow 1:

Average throughput: 73.76 Mbit/s

95th percentile per-packet one-way delay: 47.667 ms

Loss rate: 0.04%

Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

Start at: Thu, 29 Jun 2017 20:56:07 +0000

End at: Thu, 29 Jun 2017 20:56:37 +0000

Local clock offset: 0.616 ms

Remote clock offset: -18.711 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:43:48 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 71.71 Mbit/s

95th percentile per-packet one-way delay: 50.107 ms

Loss rate: 0.07%

-- Flow 1:

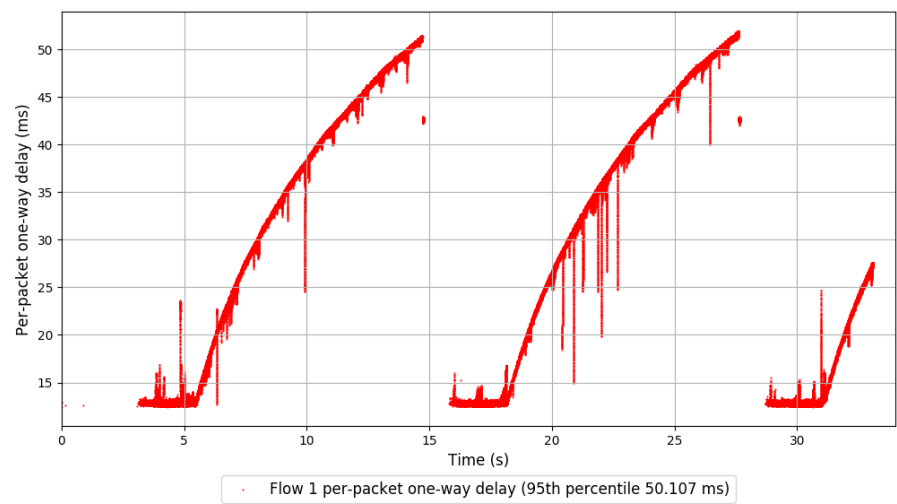
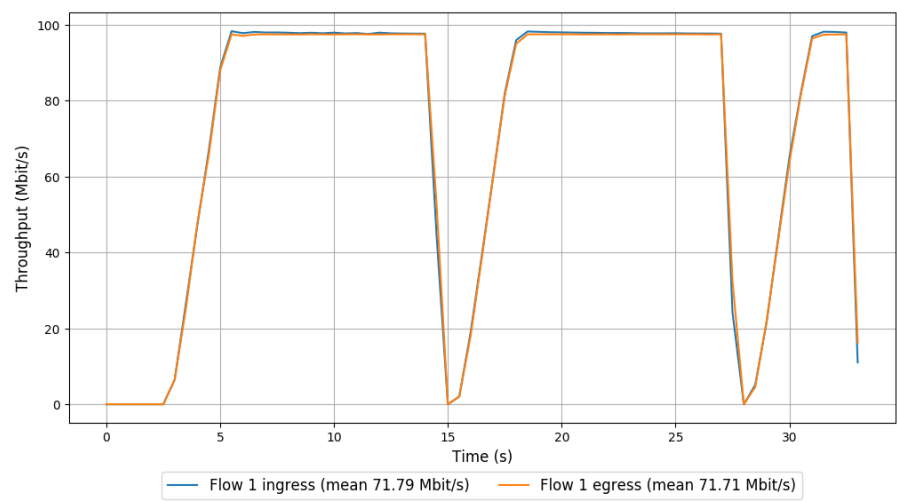
Average throughput: 71.71 Mbit/s

95th percentile per-packet one-way delay: 50.107 ms

Loss rate: 0.07%



Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: Thu, 29 Jun 2017 21:14:00 +0000

End at: Thu, 29 Jun 2017 21:14:30 +0000

Local clock offset: 0.462 ms

Remote clock offset: -16.878 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:43:53 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 71.26 Mbit/s

95th percentile per-packet one-way delay: 50.933 ms

Loss rate: 0.19%

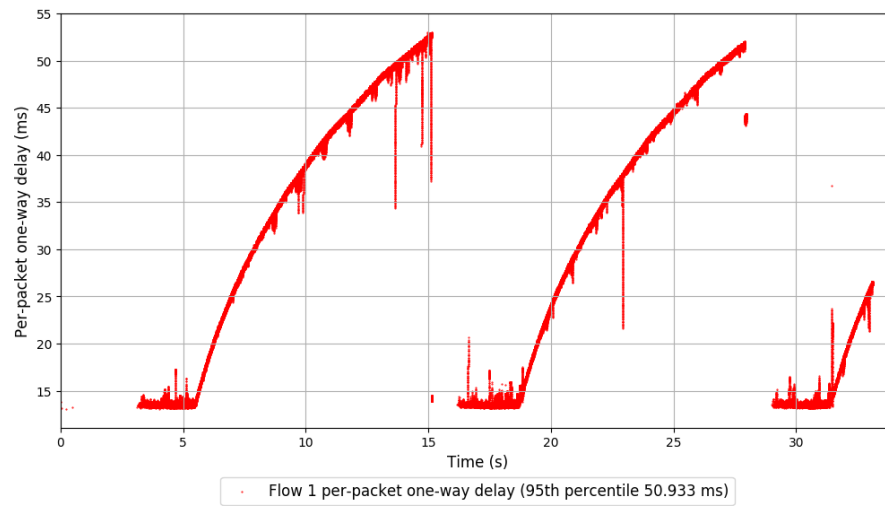
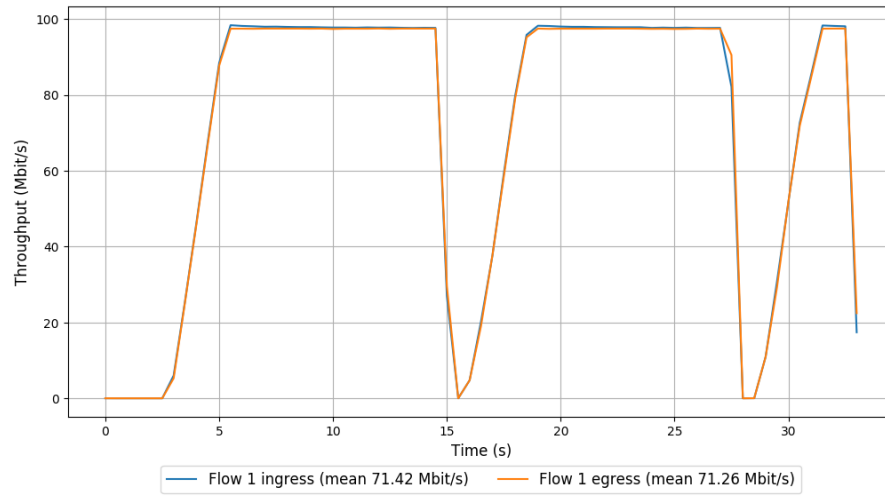
-- Flow 1:

Average throughput: 71.26 Mbit/s

95th percentile per-packet one-way delay: 50.933 ms

Loss rate: 0.19%

## Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

Start at: Thu, 29 Jun 2017 21:32:06 +0000

End at: Thu, 29 Jun 2017 21:32:36 +0000

Local clock offset: -0.604 ms

Remote clock offset: -20.523 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:43:58 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 71.90 Mbit/s

95th percentile per-packet one-way delay: 51.010 ms

Loss rate: 0.07%

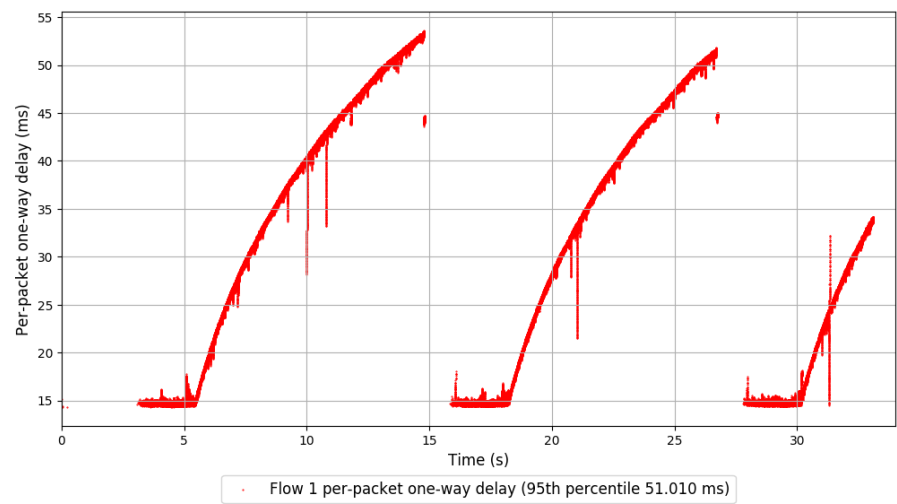
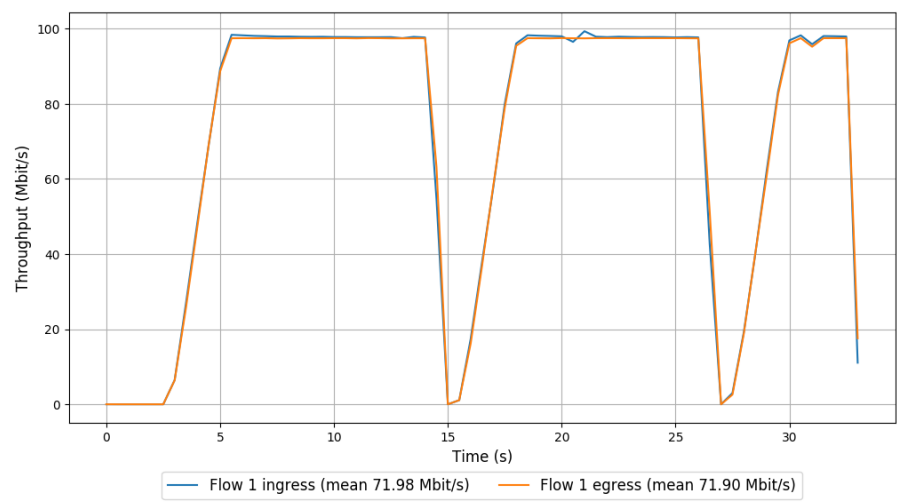
-- Flow 1:

Average throughput: 71.90 Mbit/s

95th percentile per-packet one-way delay: 51.010 ms

Loss rate: 0.07%

Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: Thu, 29 Jun 2017 21:50:22 +0000

End at: Thu, 29 Jun 2017 21:50:52 +0000

Local clock offset: 2.749 ms

Remote clock offset: -20.023 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:44:04 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 71.88 Mbit/s

95th percentile per-packet one-way delay: 52.700 ms

Loss rate: 0.08%

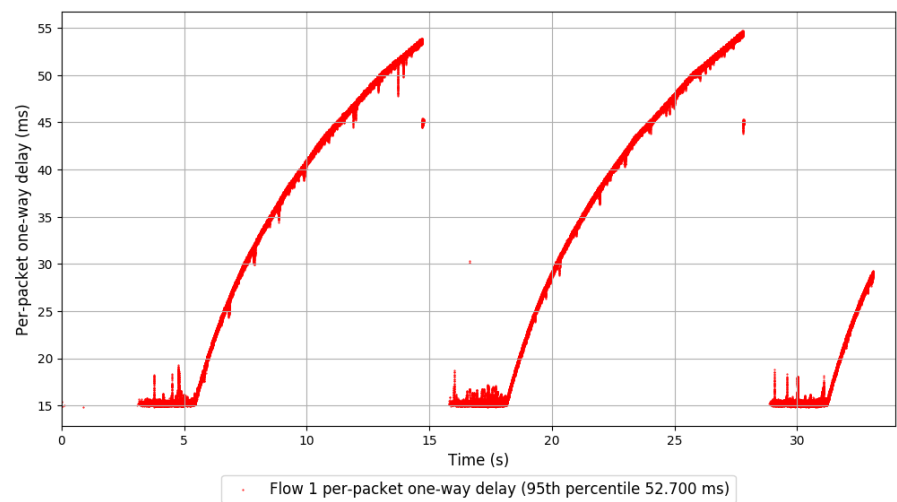
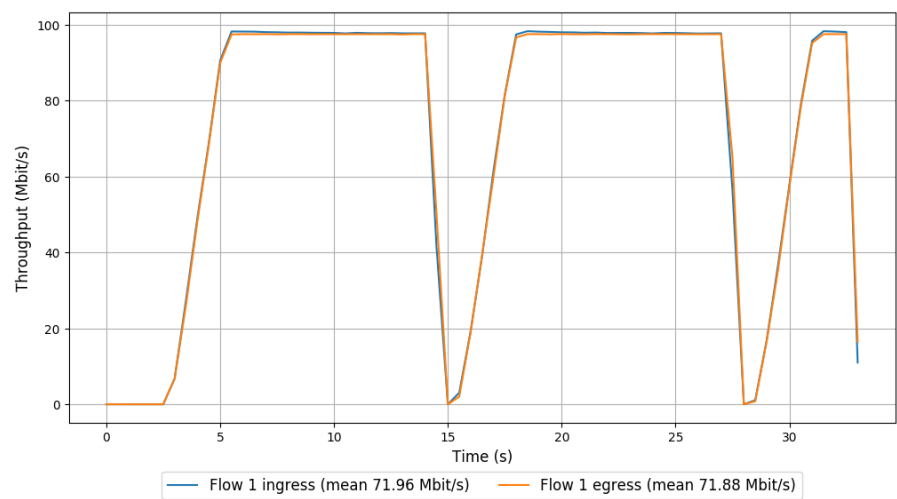
-- Flow 1:

Average throughput: 71.88 Mbit/s

95th percentile per-packet one-way delay: 52.700 ms

Loss rate: 0.08%

Run 10: Report of LEDBAT — Data Link



Run 1: Statistics of PCC

Start at: Thu, 29 Jun 2017 19:02:00 +0000

End at: Thu, 29 Jun 2017 19:02:30 +0000

Local clock offset: 1.875 ms

Remote clock offset: -17.288 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:44:10 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 77.49 Mbit/s

95th percentile per-packet one-way delay: 15.886 ms

Loss rate: 1.55%

-- Flow 1:

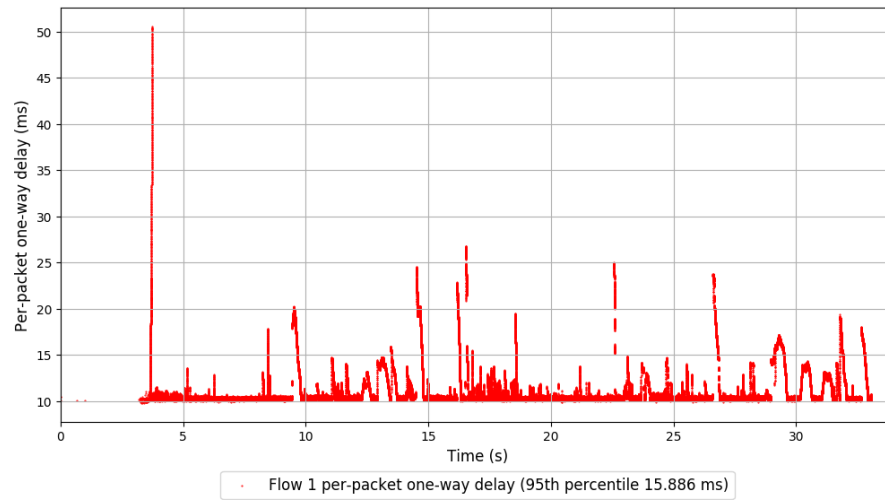
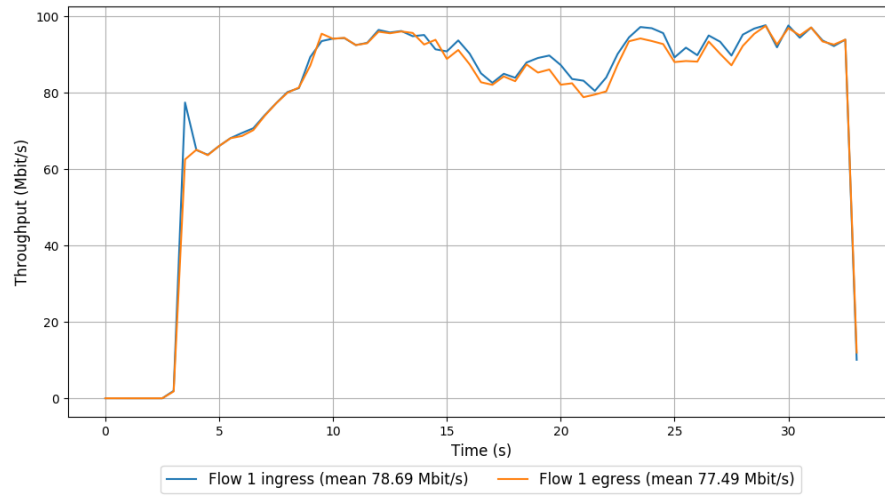
Average throughput: 77.49 Mbit/s

95th percentile per-packet one-way delay: 15.886 ms

Loss rate: 1.55%



### Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

Start at: Thu, 29 Jun 2017 19:20:16 +0000

End at: Thu, 29 Jun 2017 19:20:47 +0000

Local clock offset: 0.071 ms

Remote clock offset: -16.324 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:44:16 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 80.58 Mbit/s

95th percentile per-packet one-way delay: 12.296 ms

Loss rate: 0.25%

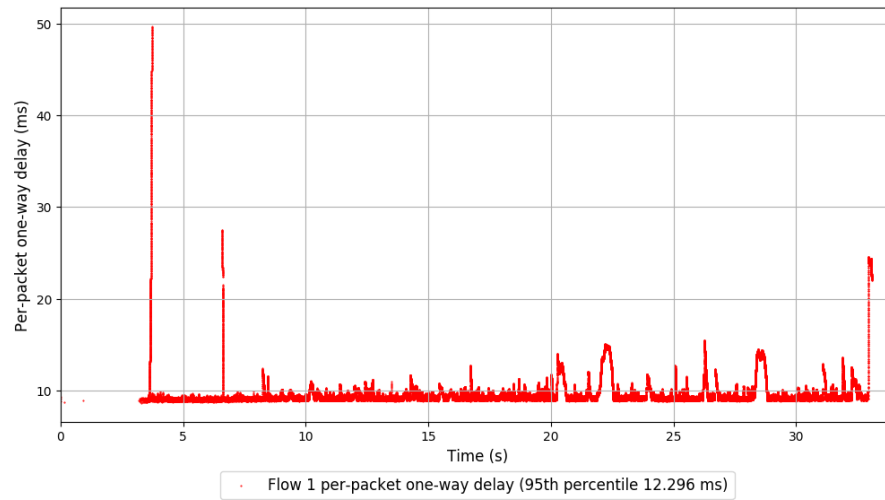
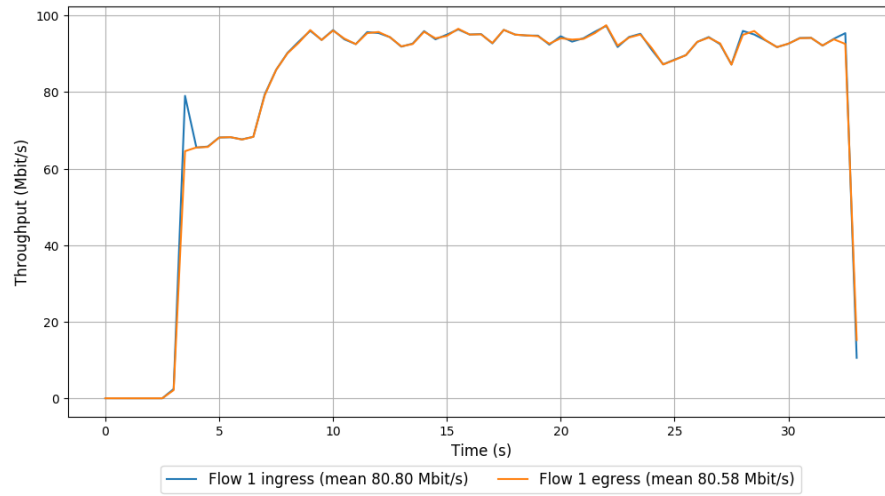
-- Flow 1:

Average throughput: 80.58 Mbit/s

95th percentile per-packet one-way delay: 12.296 ms

Loss rate: 0.25%

## Run 2: Report of PCC — Data Link



Run 3: Statistics of PCC

Start at: Thu, 29 Jun 2017 19:38:20 +0000

End at: Thu, 29 Jun 2017 19:38:50 +0000

Local clock offset: 2.158 ms

Remote clock offset: -17.117 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:44:22 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 80.90 Mbit/s

95th percentile per-packet one-way delay: 13.010 ms

Loss rate: 0.24%

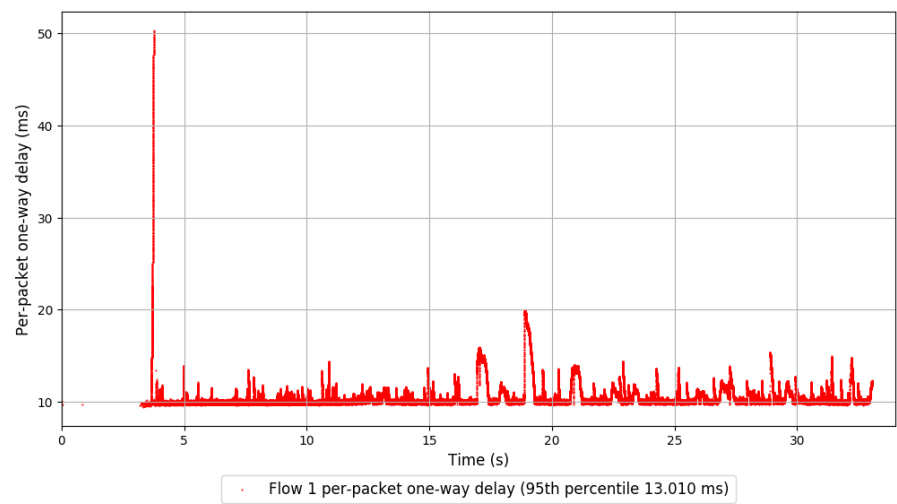
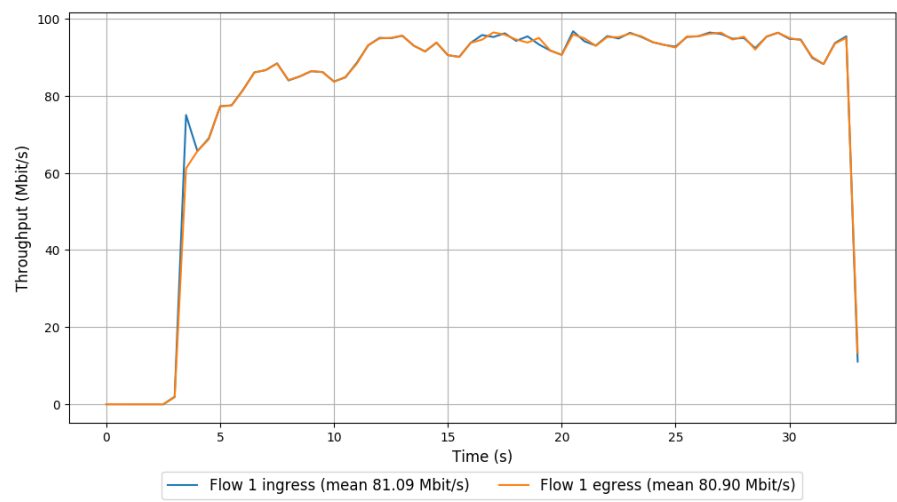
-- Flow 1:

Average throughput: 80.90 Mbit/s

95th percentile per-packet one-way delay: 13.010 ms

Loss rate: 0.24%

Run 3: Report of PCC — Data Link



Run 4: Statistics of PCC

Start at: Thu, 29 Jun 2017 19:56:34 +0000

End at: Thu, 29 Jun 2017 19:57:04 +0000

Local clock offset: 2.21 ms

Remote clock offset: -15.581 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:44:28 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 76.45 Mbit/s

95th percentile per-packet one-way delay: 12.372 ms

Loss rate: 0.29%

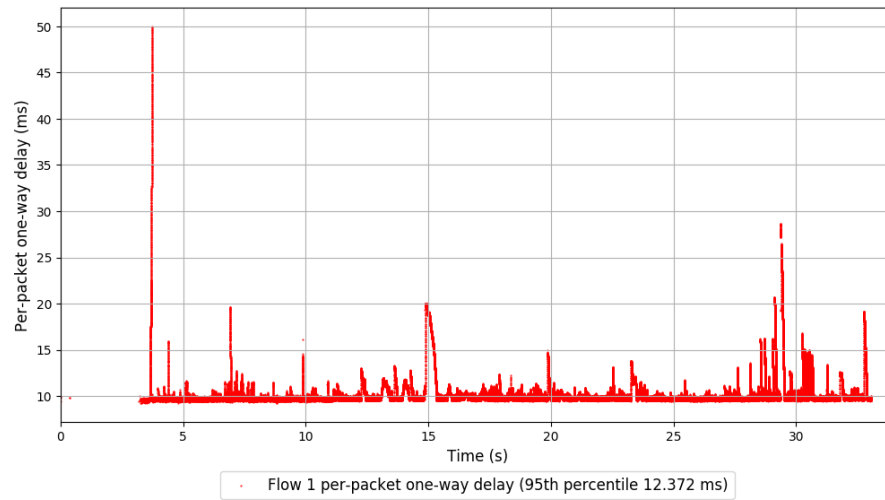
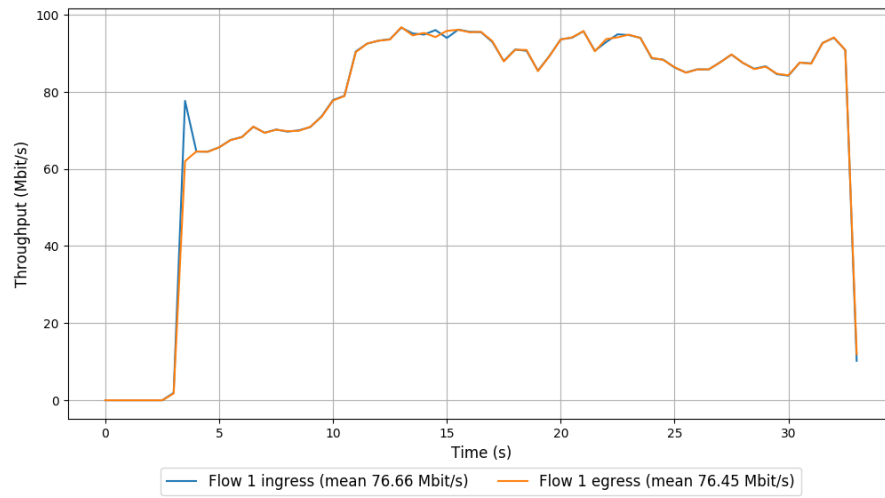
-- Flow 1:

Average throughput: 76.45 Mbit/s

95th percentile per-packet one-way delay: 12.372 ms

Loss rate: 0.29%

#### Run 4: Report of PCC — Data Link



Run 5: Statistics of PCC

Start at: Thu, 29 Jun 2017 20:14:59 +0000

End at: Thu, 29 Jun 2017 20:15:29 +0000

Local clock offset: 2.343 ms

Remote clock offset: -16.496 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:44:34 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 77.89 Mbit/s

95th percentile per-packet one-way delay: 15.712 ms

Loss rate: 0.26%

-- Flow 1:

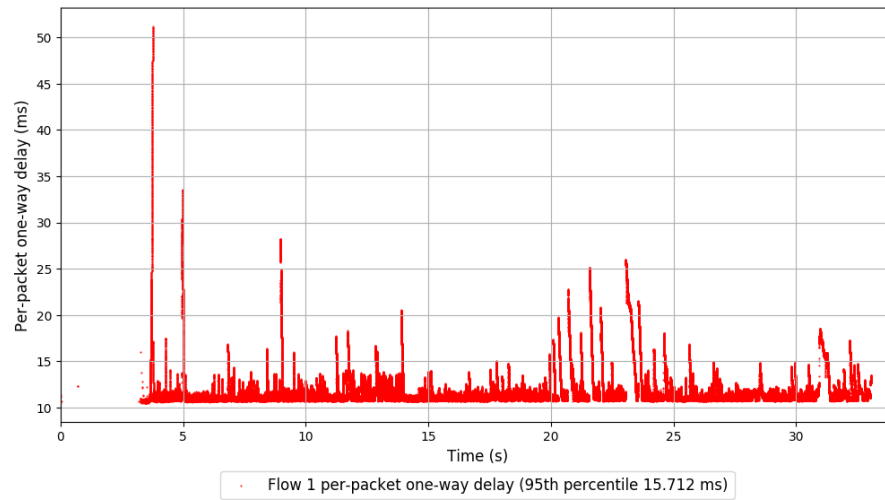
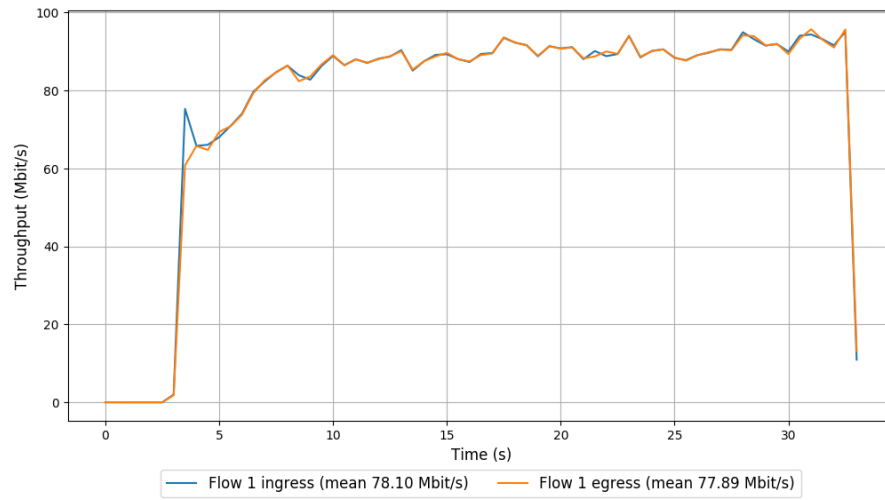
Average throughput: 77.89 Mbit/s

95th percentile per-packet one-way delay: 15.712 ms

Loss rate: 0.26%



### Run 5: Report of PCC — Data Link



Run 6: Statistics of PCC

Start at: Thu, 29 Jun 2017 20:33:00 +0000

End at: Thu, 29 Jun 2017 20:33:30 +0000

Local clock offset: 0.297 ms

Remote clock offset: -17.451 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:44:39 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 76.80 Mbit/s

95th percentile per-packet one-way delay: 18.892 ms

Loss rate: 0.30%

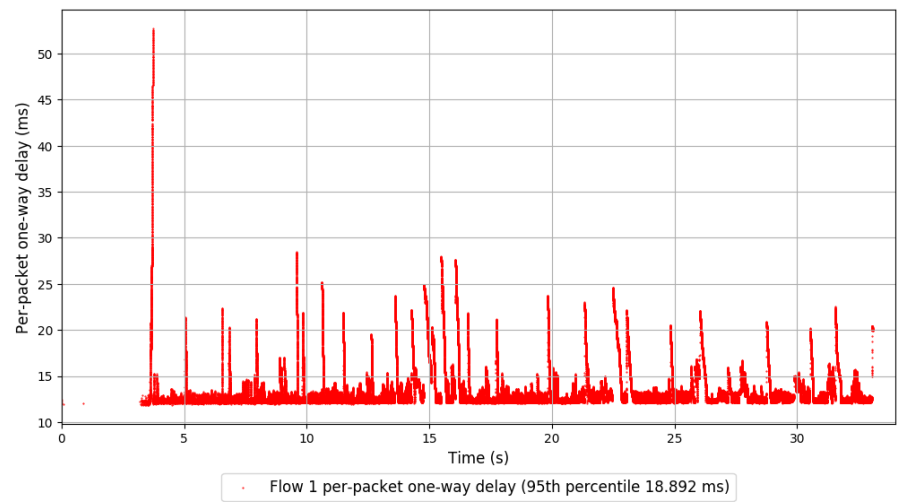
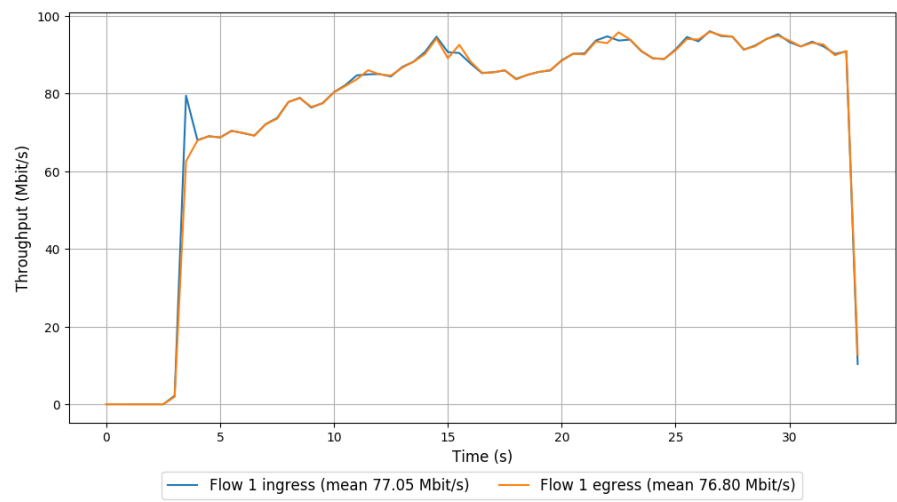
-- Flow 1:

Average throughput: 76.80 Mbit/s

95th percentile per-packet one-way delay: 18.892 ms

Loss rate: 0.30%

Run 6: Report of PCC — Data Link



Run 7: Statistics of PCC

Start at: Thu, 29 Jun 2017 20:51:23 +0000

End at: Thu, 29 Jun 2017 20:51:54 +0000

Local clock offset: 3.328 ms

Remote clock offset: -18.778 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:44:46 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 80.50 Mbit/s

95th percentile per-packet one-way delay: 15.774 ms

Loss rate: 0.27%

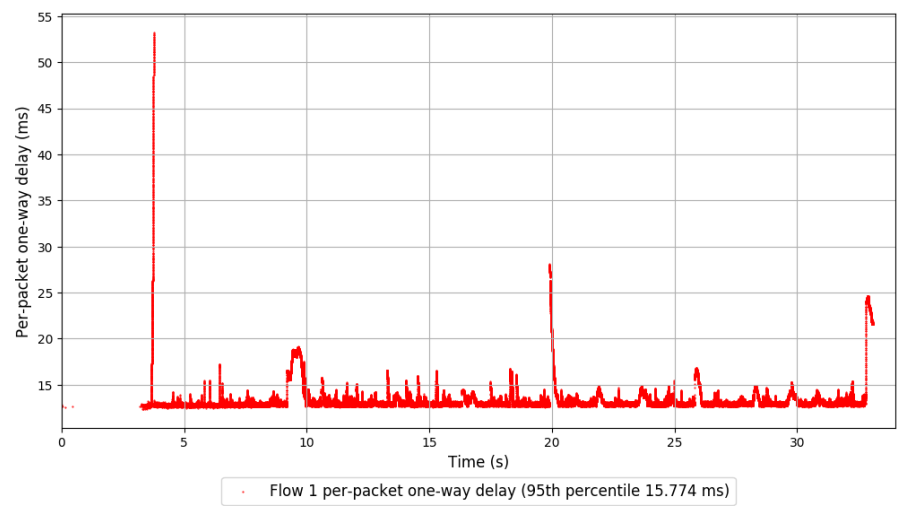
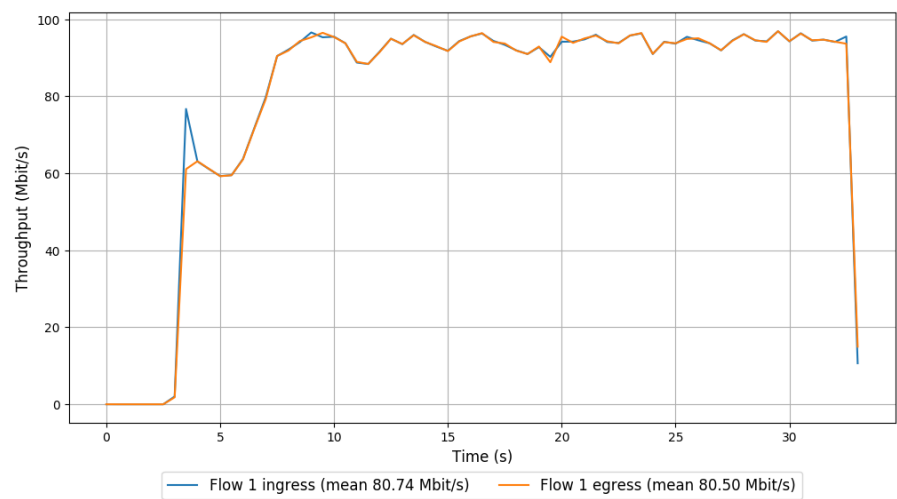
-- Flow 1:

Average throughput: 80.50 Mbit/s

95th percentile per-packet one-way delay: 15.774 ms

Loss rate: 0.27%

Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

Start at: Thu, 29 Jun 2017 21:09:13 +0000

End at: Thu, 29 Jun 2017 21:09:43 +0000

Local clock offset: -0.199 ms

Remote clock offset: -19.823 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:44:51 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 80.81 Mbit/s

95th percentile per-packet one-way delay: 20.907 ms

Loss rate: 0.24%

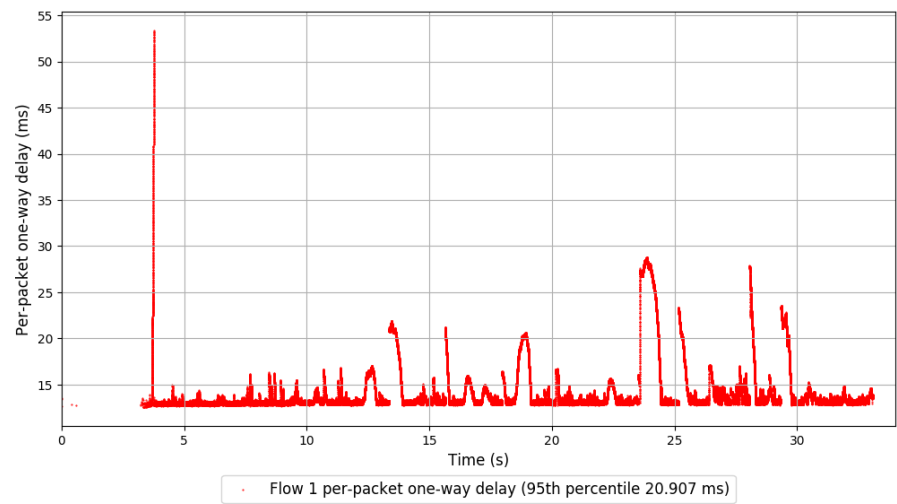
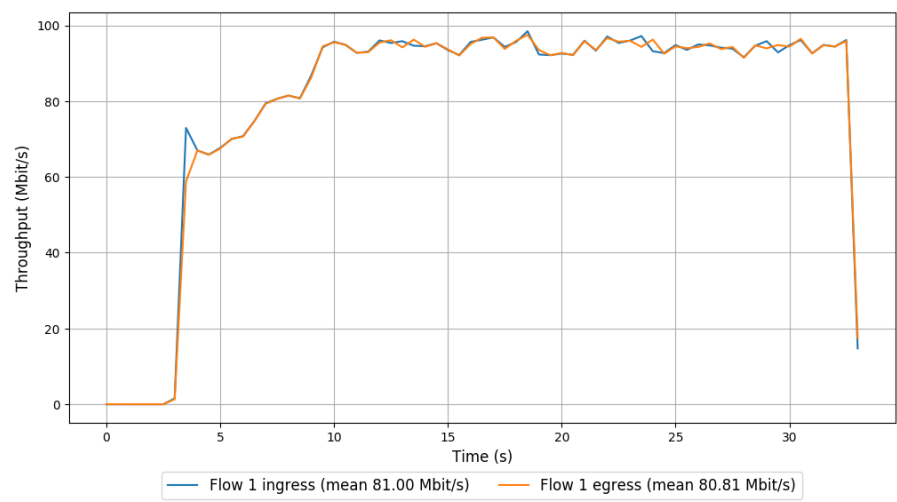
-- Flow 1:

Average throughput: 80.81 Mbit/s

95th percentile per-packet one-way delay: 20.907 ms

Loss rate: 0.24%

Run 8: Report of PCC — Data Link



Run 9: Statistics of PCC

Start at: Thu, 29 Jun 2017 21:27:09 +0000

End at: Thu, 29 Jun 2017 21:27:39 +0000

Local clock offset: 0.381 ms

Remote clock offset: -20.386 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:44:58 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 81.22 Mbit/s

95th percentile per-packet one-way delay: 17.342 ms

Loss rate: 0.31%

-- Flow 1:

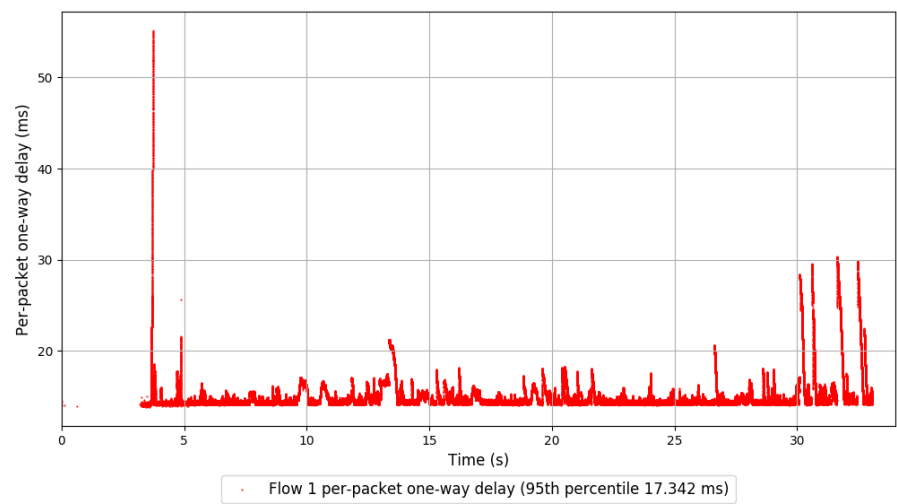
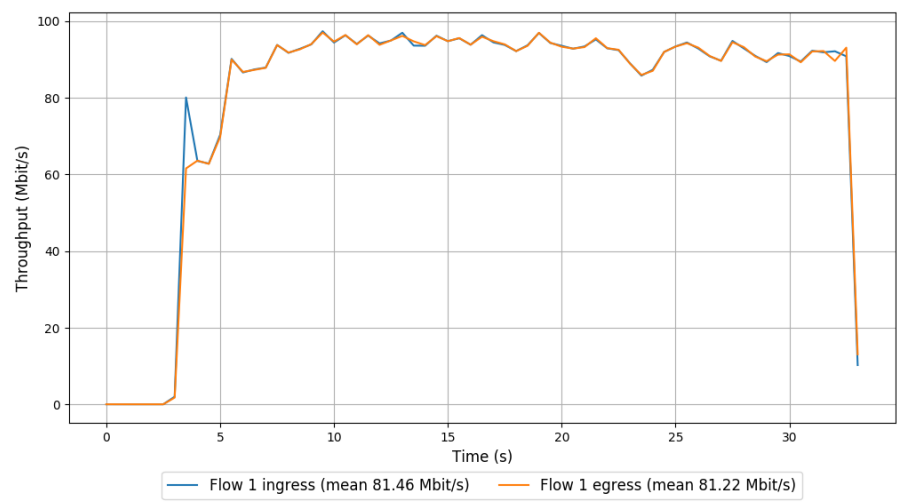
Average throughput: 81.22 Mbit/s

95th percentile per-packet one-way delay: 17.342 ms

Loss rate: 0.31%



Run 9: Report of PCC — Data Link



Run 10: Statistics of PCC

Start at: Thu, 29 Jun 2017 21:45:23 +0000

End at: Thu, 29 Jun 2017 21:45:53 +0000

Local clock offset: 3.079 ms

Remote clock offset: -20.465 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:45:05 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 82.28 Mbit/s

95th percentile per-packet one-way delay: 23.132 ms

Loss rate: 0.24%

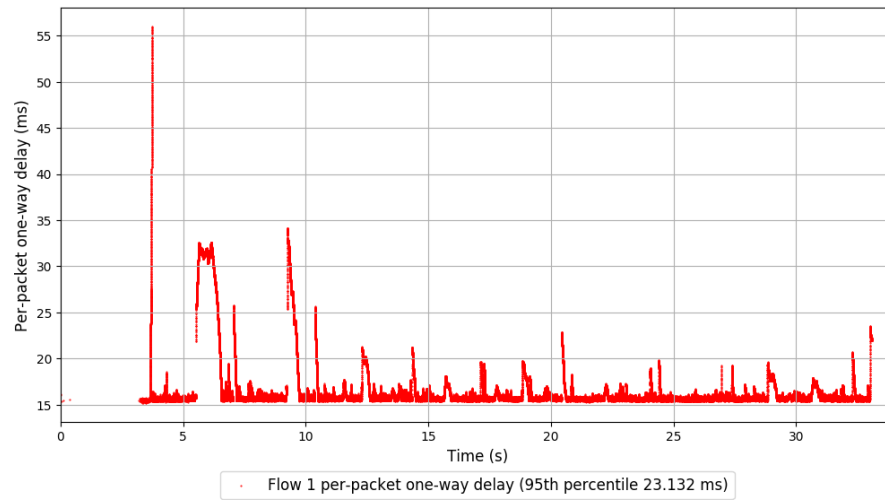
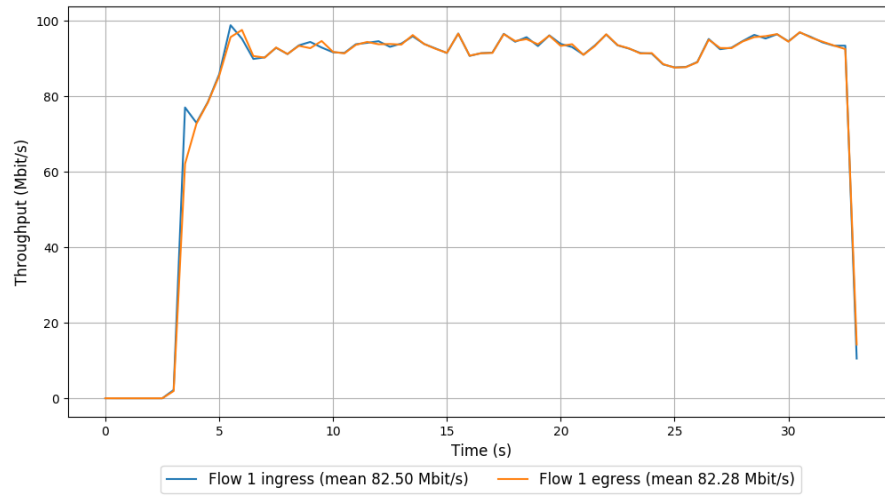
-- Flow 1:

Average throughput: 82.28 Mbit/s

95th percentile per-packet one-way delay: 23.132 ms

Loss rate: 0.24%

### Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic (toy)

Start at: Thu, 29 Jun 2017 19:00:44 +0000

End at: Thu, 29 Jun 2017 19:01:14 +0000

Local clock offset: -0.724 ms

Remote clock offset: -18.403 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:45:05 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 15.47 Mbit/s

95th percentile per-packet one-way delay: 23.657 ms

Loss rate: 0.00%

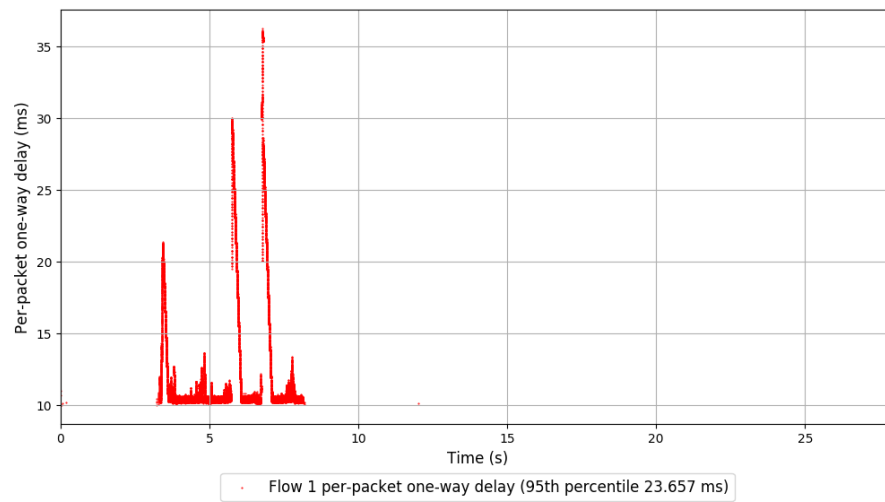
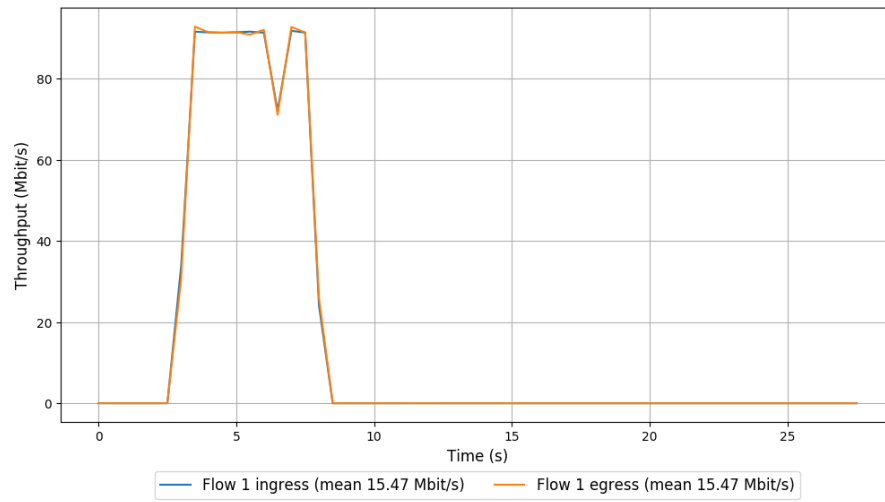
-- Flow 1:

Average throughput: 15.47 Mbit/s

95th percentile per-packet one-way delay: 23.657 ms

Loss rate: 0.00%

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



Run 2: Statistics of QUIC Cubic (toy)

Start at: Thu, 29 Jun 2017 19:19:10 +0000

End at: Thu, 29 Jun 2017 19:19:40 +0000

Local clock offset: -0.94 ms

Remote clock offset: -14.556 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:45:05 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 13.28 Mbit/s

95th percentile per-packet one-way delay: 9.602 ms

Loss rate: 0.00%

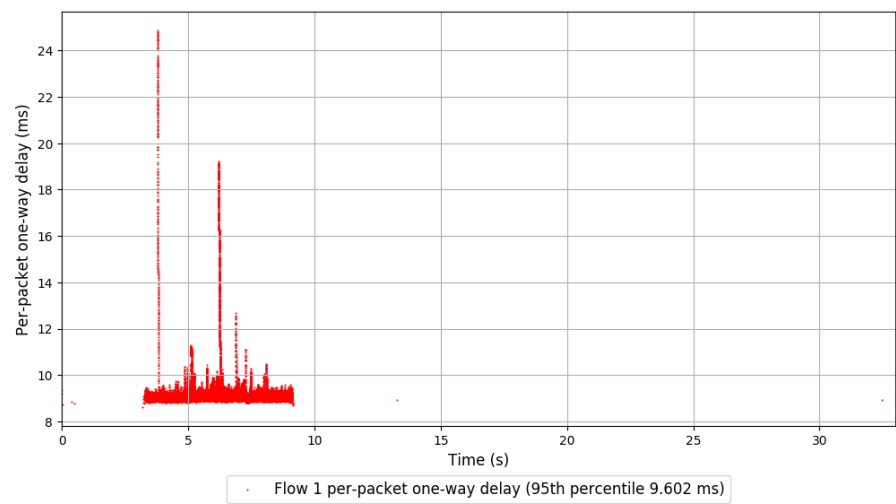
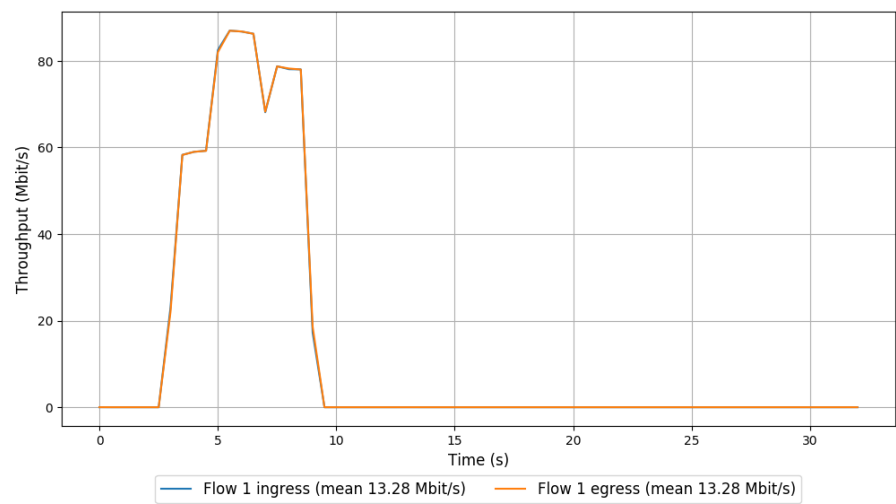
-- Flow 1:

Average throughput: 13.28 Mbit/s

95th percentile per-packet one-way delay: 9.602 ms

Loss rate: 0.00%

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



Run 3: Statistics of QUIC Cubic (toy)

Start at: Thu, 29 Jun 2017 19:37:15 +0000

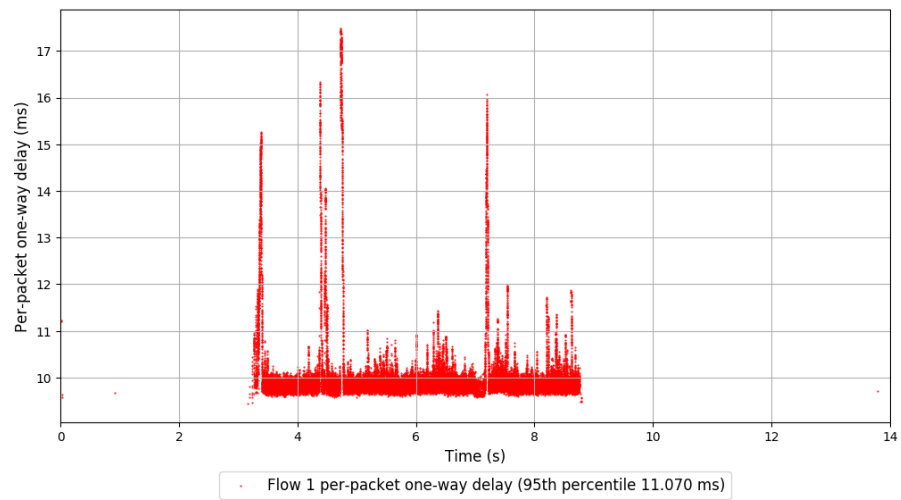
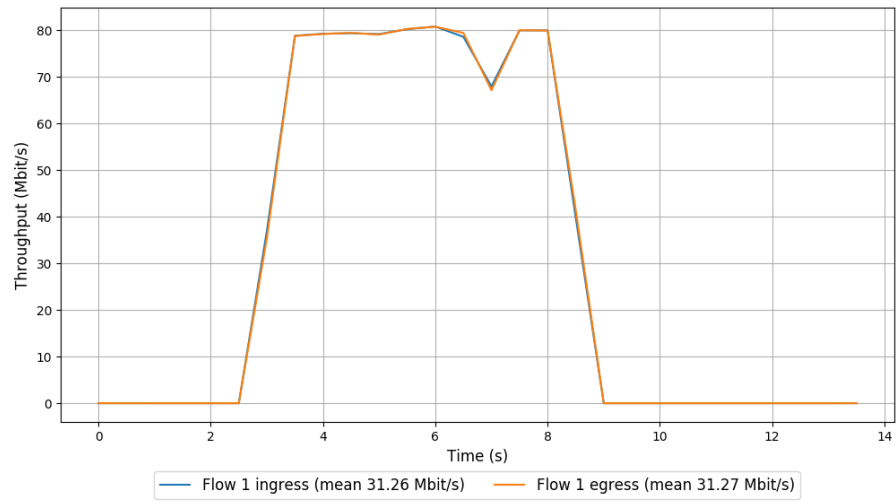
End at: Thu, 29 Jun 2017 19:37:45 +0000

Local clock offset: -1.05 ms

Remote clock offset: -17.614 ms



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



Run 4: Statistics of QUIC Cubic (toy)

Start at: Thu, 29 Jun 2017 19:55:29 +0000

End at: Thu, 29 Jun 2017 19:55:59 +0000

Local clock offset: 2.128 ms

Remote clock offset: -15.713 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:45:08 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 14.06 Mbit/s

95th percentile per-packet one-way delay: 13.939 ms

Loss rate: 0.00%

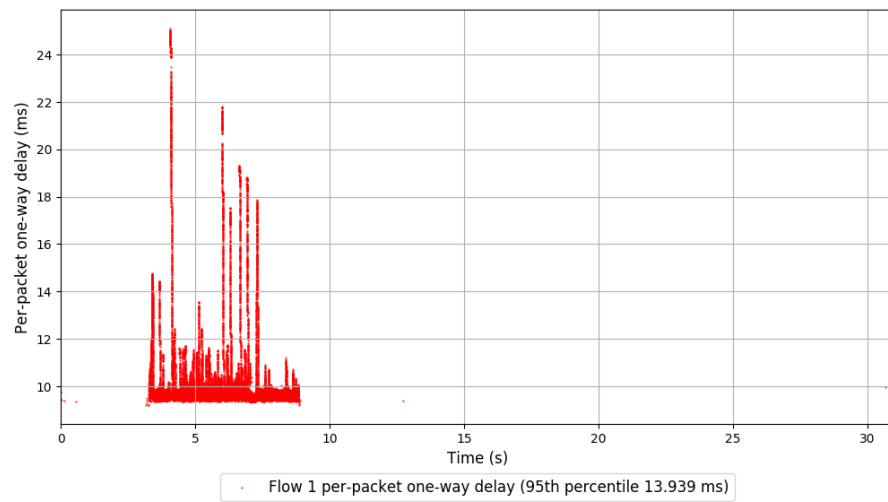
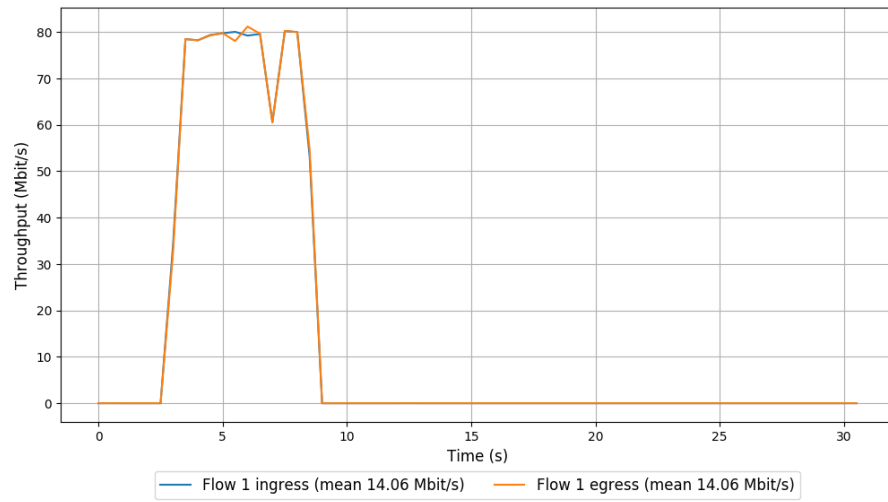
-- Flow 1:

Average throughput: 14.06 Mbit/s

95th percentile per-packet one-way delay: 13.939 ms

Loss rate: 0.00%

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



Run 5: Statistics of QUIC Cubic (toy)

Start at: Thu, 29 Jun 2017 20:13:53 +0000

End at: Thu, 29 Jun 2017 20:14:23 +0000

Local clock offset: -0.433 ms

Remote clock offset: -16.33 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:45:11 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 15.12 Mbit/s

95th percentile per-packet one-way delay: 15.105 ms

Loss rate: 0.00%

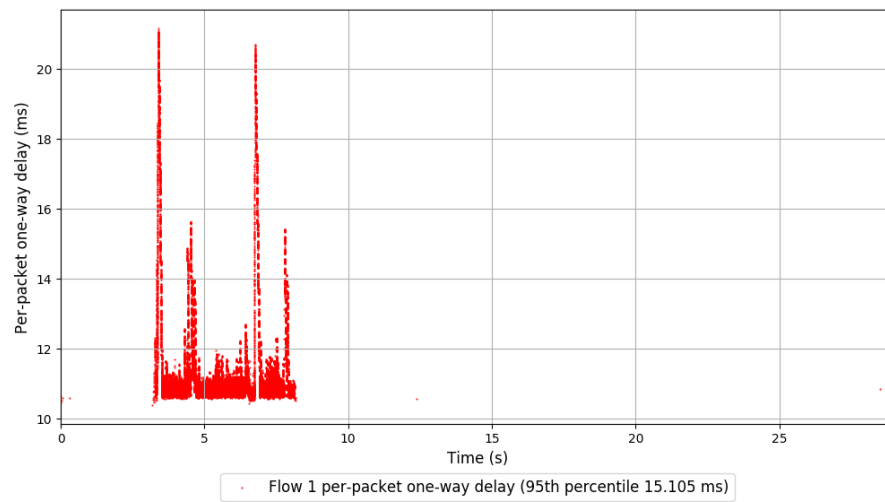
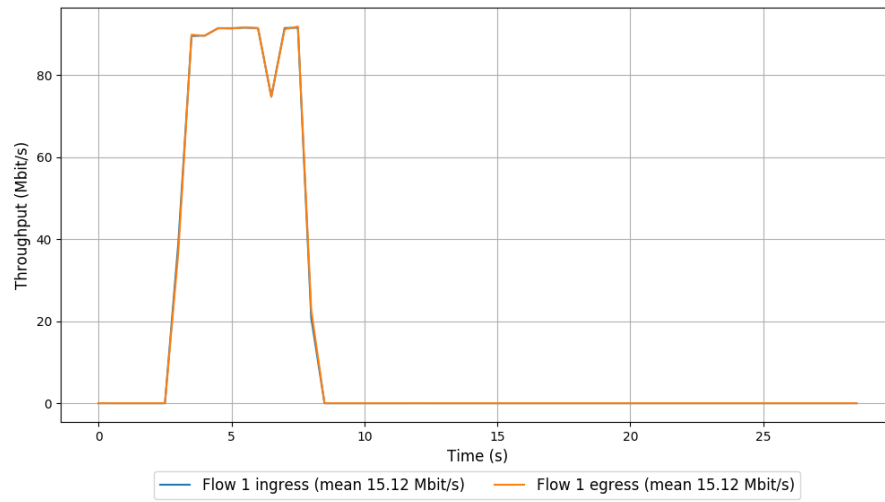
-- Flow 1:

Average throughput: 15.12 Mbit/s

95th percentile per-packet one-way delay: 15.105 ms

Loss rate: 0.00%

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



Run 6: Statistics of QUIC Cubic (toy)

Start at: Thu, 29 Jun 2017 20:31:54 +0000

End at: Thu, 29 Jun 2017 20:32:24 +0000

Local clock offset: 2.445 ms

Remote clock offset: -17.219 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:45:11 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 13.04 Mbit/s

95th percentile per-packet one-way delay: 13.460 ms

Loss rate: 0.00%

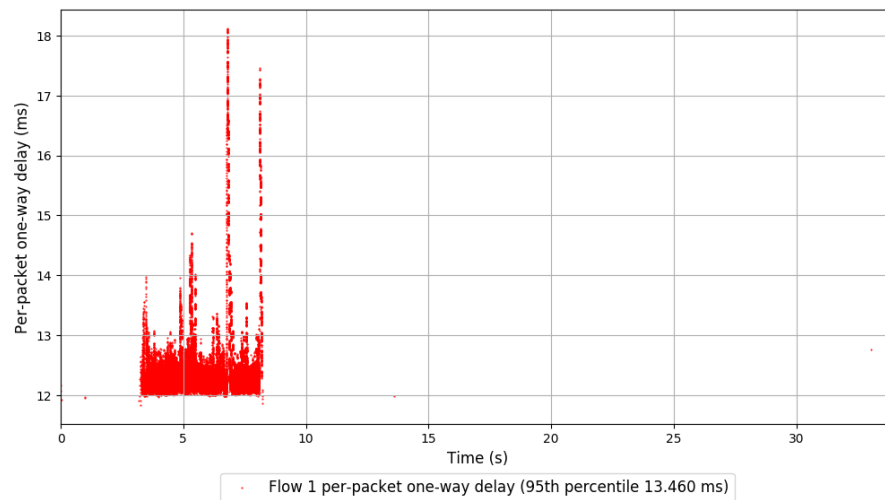
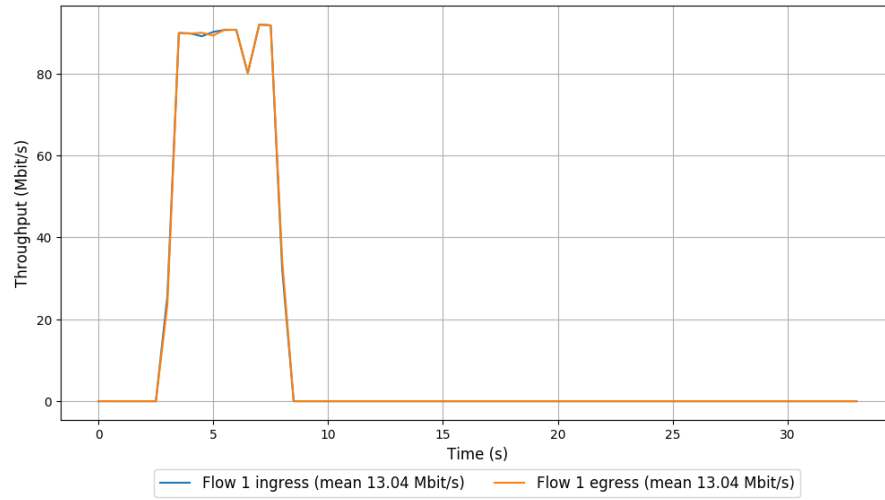
-- Flow 1:

Average throughput: 13.04 Mbit/s

95th percentile per-packet one-way delay: 13.460 ms

Loss rate: 0.00%

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



Run 7: Statistics of QUIC Cubic (toy)

Start at: Thu, 29 Jun 2017 20:50:18 +0000

End at: Thu, 29 Jun 2017 20:50:48 +0000

Local clock offset: 2.785 ms

Remote clock offset: -18.101 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:45:13 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 13.18 Mbit/s

95th percentile per-packet one-way delay: 16.955 ms

Loss rate: 0.00%

-- Flow 1:

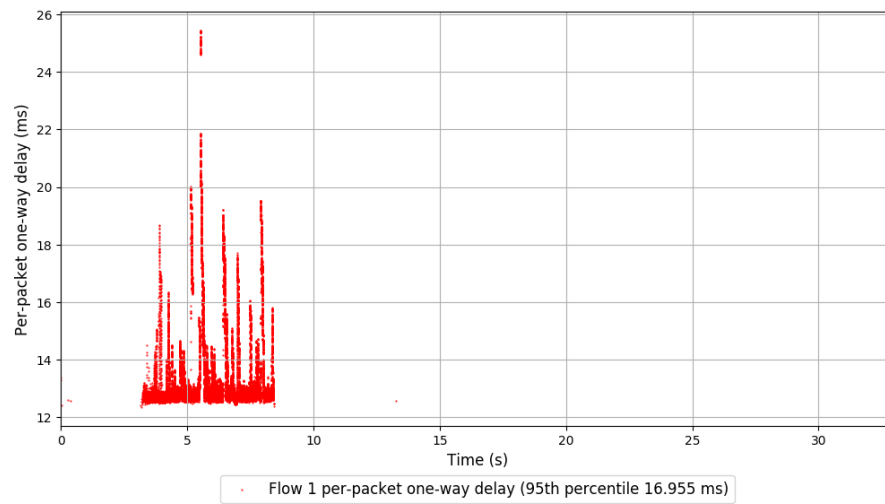
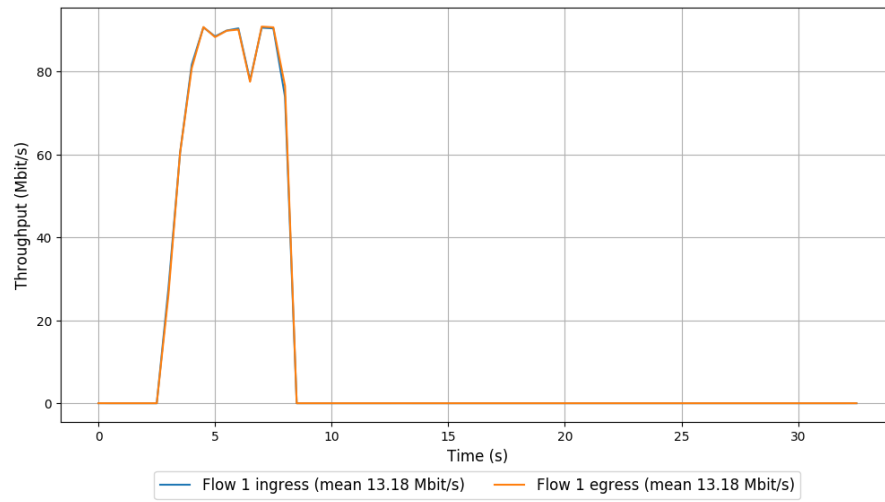
Average throughput: 13.18 Mbit/s

95th percentile per-packet one-way delay: 16.955 ms

Loss rate: 0.00%



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



Run 8: Statistics of QUIC Cubic (toy)

Start at: Thu, 29 Jun 2017 21:08:08 +0000

End at: Thu, 29 Jun 2017 21:08:38 +0000

Local clock offset: 0.506 ms

Remote clock offset: -19.282 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:45:14 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 13.54 Mbit/s

95th percentile per-packet one-way delay: 15.334 ms

Loss rate: 0.00%

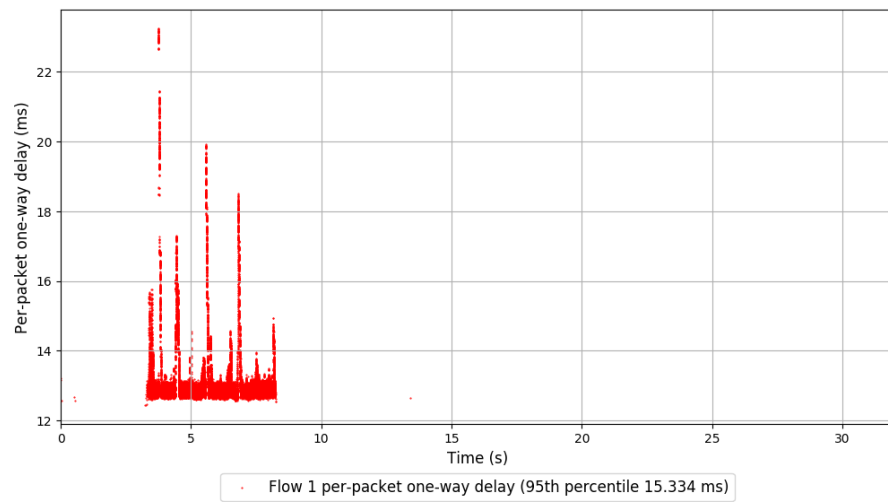
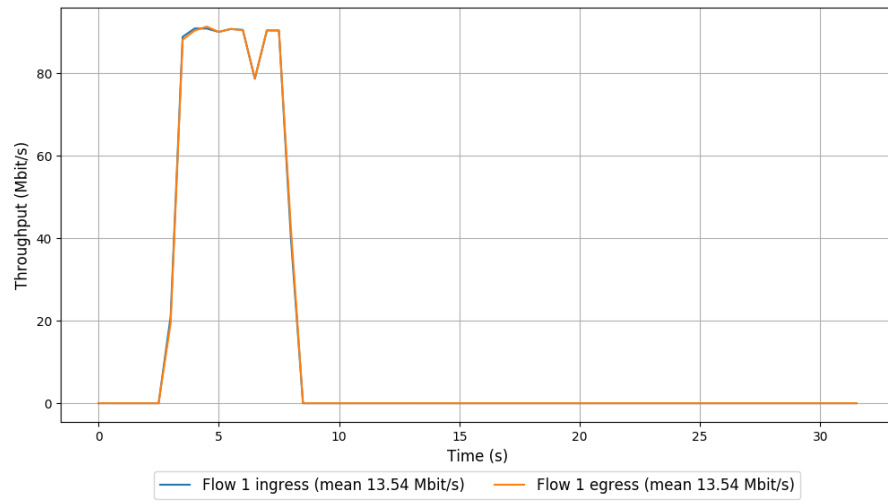
-- Flow 1:

Average throughput: 13.54 Mbit/s

95th percentile per-packet one-way delay: 15.334 ms

Loss rate: 0.00%

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



Run 9: Statistics of QUIC Cubic (toy)

Start at: Thu, 29 Jun 2017 21:26:03 +0000

End at: Thu, 29 Jun 2017 21:26:33 +0000

Local clock offset: 2.877 ms

Remote clock offset: -20.799 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:45:16 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 15.92 Mbit/s

95th percentile per-packet one-way delay: 15.284 ms

Loss rate: 0.00%

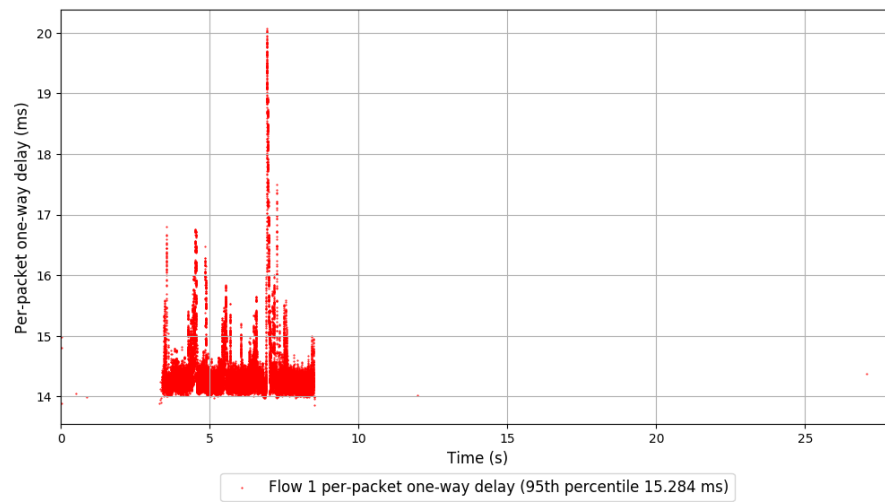
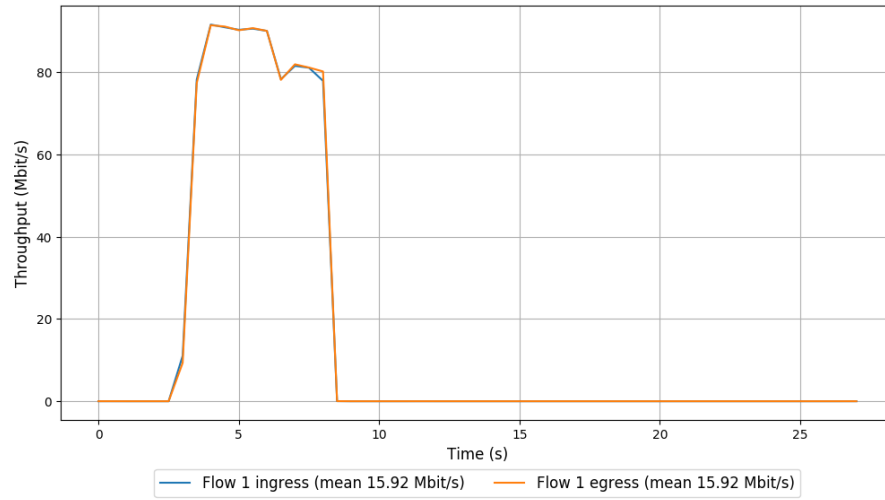
-- Flow 1:

Average throughput: 15.92 Mbit/s

95th percentile per-packet one-way delay: 15.284 ms

Loss rate: 0.00%

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



Run 10: Statistics of QUIC Cubic (toy)

Start at: Thu, 29 Jun 2017 21:44:17 +0000

End at: Thu, 29 Jun 2017 21:44:47 +0000

Local clock offset: 1.535 ms

Remote clock offset: -21.631 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:45:17 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 15.99 Mbit/s

95th percentile per-packet one-way delay: 17.103 ms

Loss rate: 0.00%

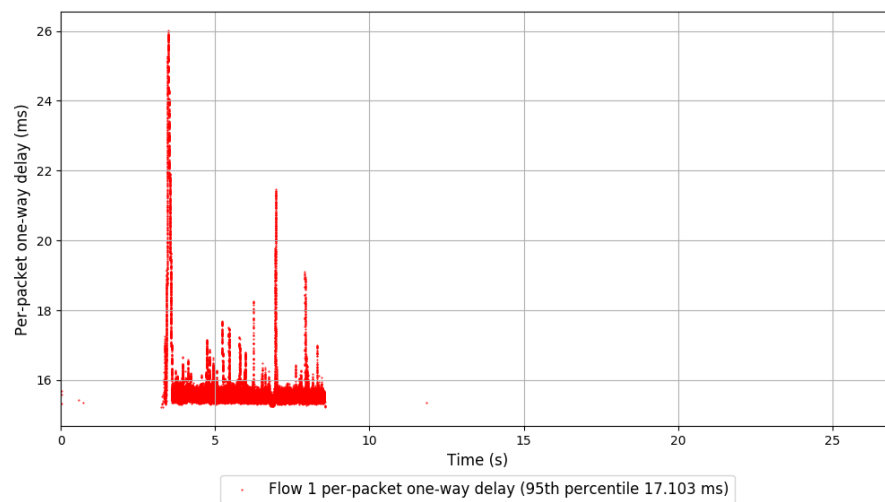
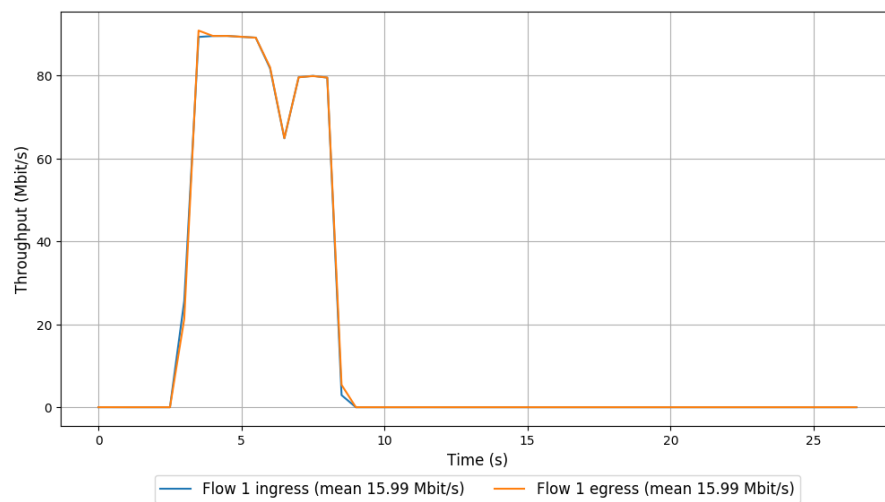
-- Flow 1:

Average throughput: 15.99 Mbit/s

95th percentile per-packet one-way delay: 17.103 ms

Loss rate: 0.00%

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



Run 1: Statistics of Saturator

Start at: Thu, 29 Jun 2017 18:53:24 +0000

End at: Thu, 29 Jun 2017 18:53:54 +0000

Local clock offset: 1.823 ms

Remote clock offset: -18.08 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:45:29 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 86.61 Mbit/s

95th percentile per-packet one-way delay: 13.678 ms

Loss rate: 0.00%

-- Flow 1:

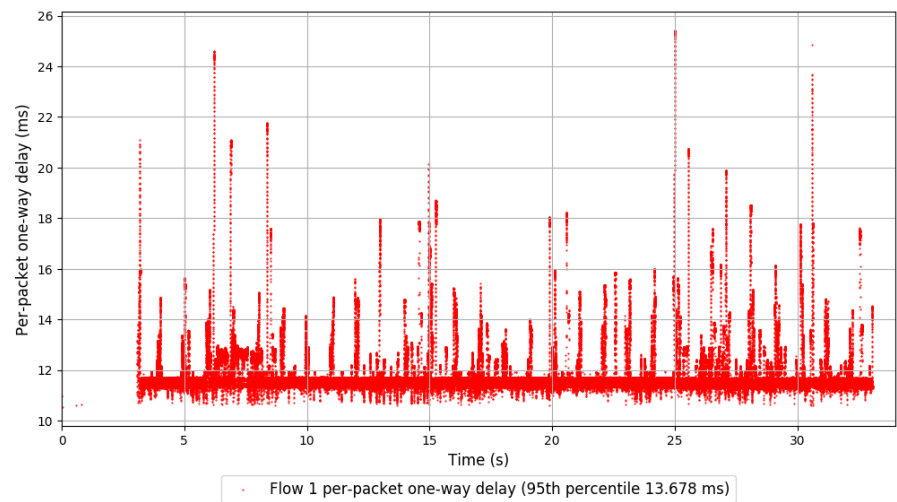
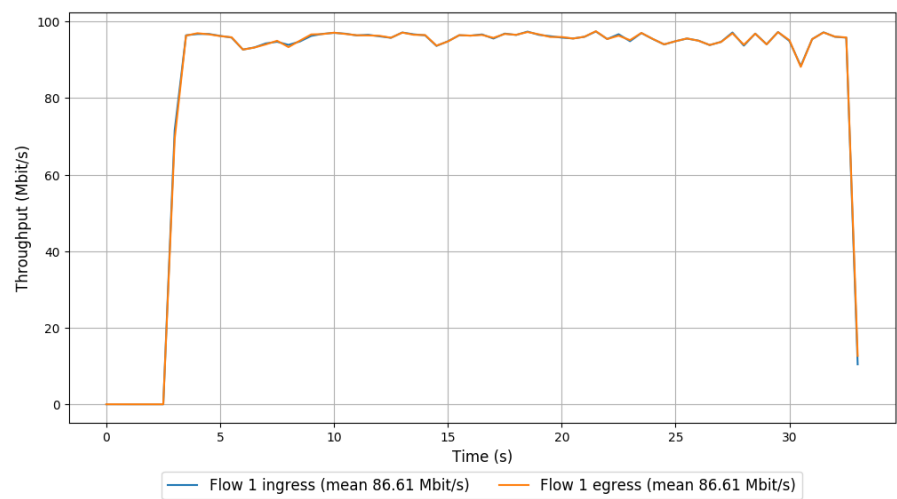
Average throughput: 86.61 Mbit/s

95th percentile per-packet one-way delay: 13.678 ms

Loss rate: 0.00%



Run 1: Report of Saturator — Data Link



Run 2: Statistics of Saturator

Start at: Thu, 29 Jun 2017 19:11:59 +0000

End at: Thu, 29 Jun 2017 19:12:30 +0000

Local clock offset: 1.04 ms

Remote clock offset: -15.976 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 87.61 Mbit/s

95th percentile per-packet one-way delay: 11.085 ms

Loss rate: 0.02%

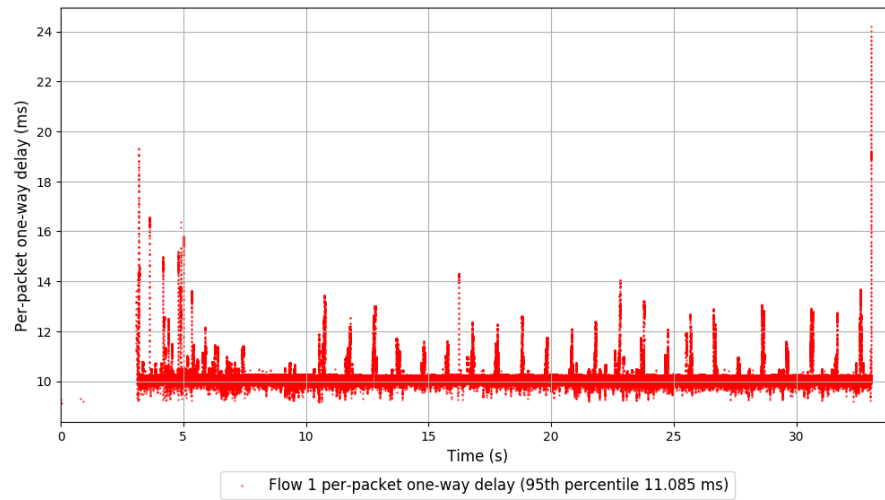
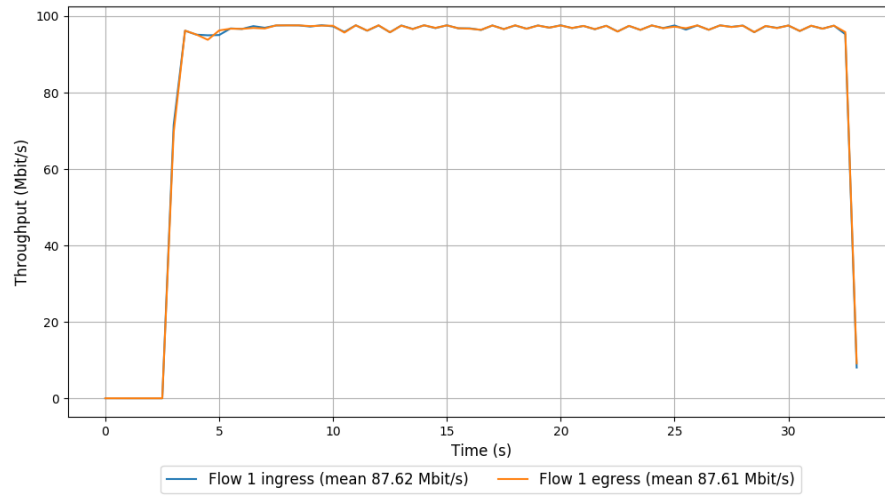
-- Flow 1:

Average throughput: 87.61 Mbit/s

95th percentile per-packet one-way delay: 11.085 ms

Loss rate: 0.02%

## Run 2: Report of Saturator — Data Link



Run 3: Statistics of Saturator

Start at: Thu, 29 Jun 2017 19:30:01 +0000

End at: Thu, 29 Jun 2017 19:30:31 +0000

Local clock offset: -0.571 ms

Remote clock offset: -14.921 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:45:42 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 87.44 Mbit/s

95th percentile per-packet one-way delay: 11.333 ms

Loss rate: 0.02%

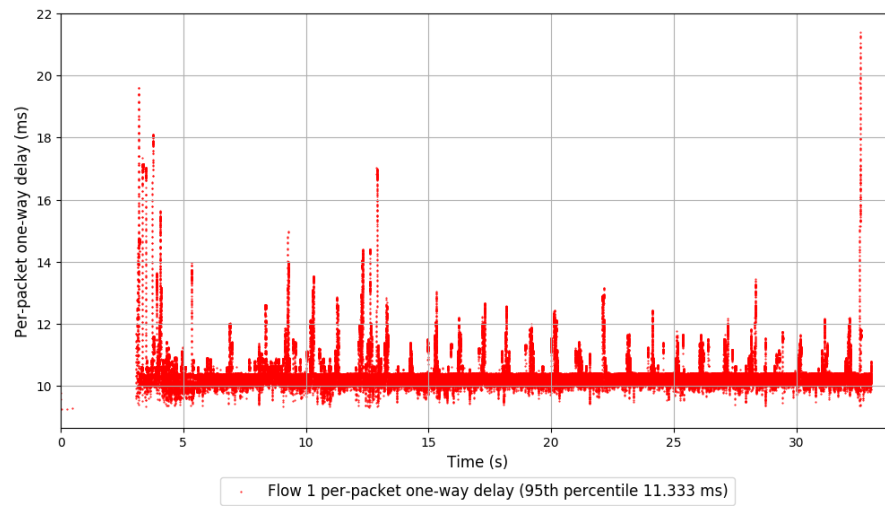
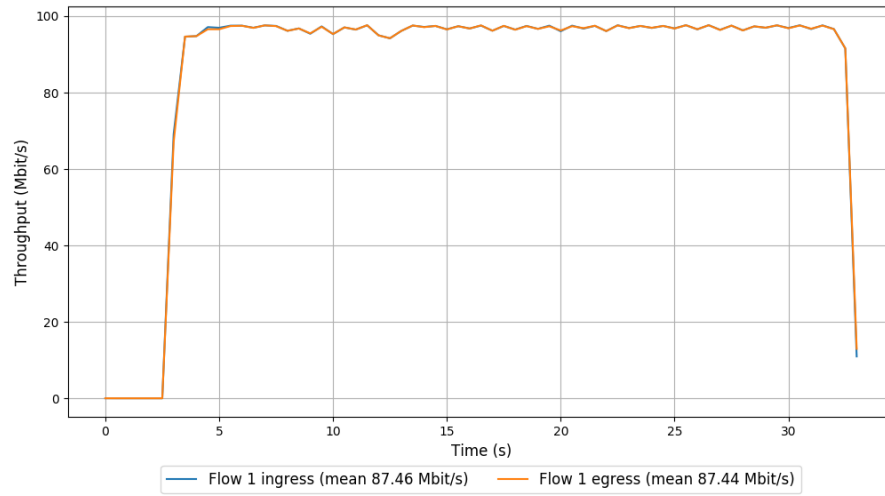
-- Flow 1:

Average throughput: 87.44 Mbit/s

95th percentile per-packet one-way delay: 11.333 ms

Loss rate: 0.02%

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



Run 4: Statistics of Saturator

Start at: Thu, 29 Jun 2017 19:48:10 +0000

End at: Thu, 29 Jun 2017 19:48:40 +0000

Local clock offset: -0.557 ms

Remote clock offset: -16.487 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:45:42 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 87.05 Mbit/s

95th percentile per-packet one-way delay: 12.137 ms

Loss rate: 0.00%

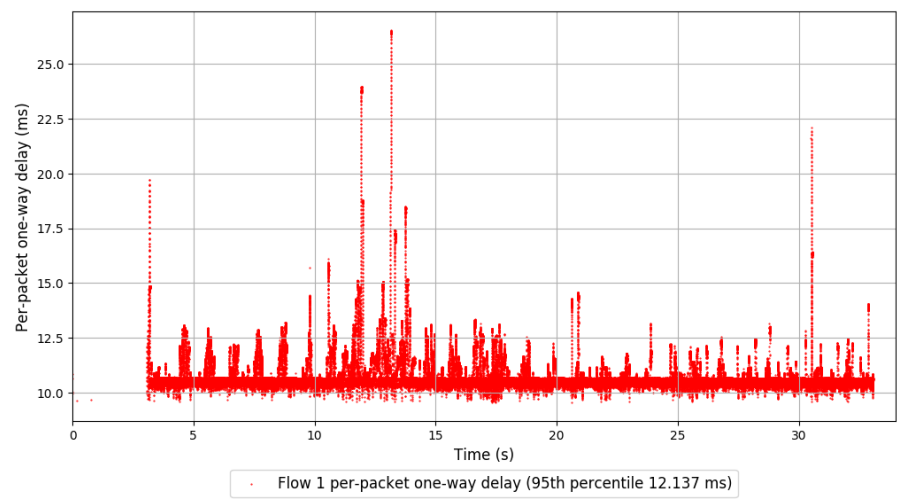
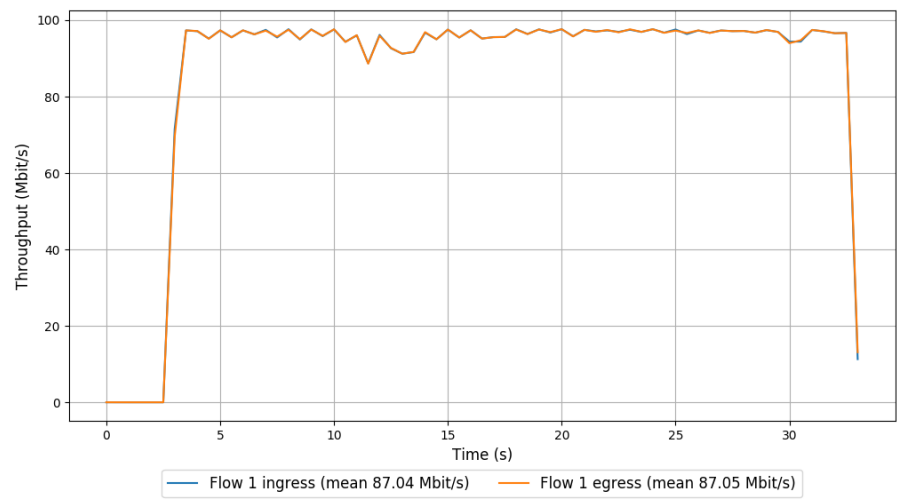
-- Flow 1:

Average throughput: 87.05 Mbit/s

95th percentile per-packet one-way delay: 12.137 ms

Loss rate: 0.00%

Run 4: Report of Saturator — Data Link



Run 5: Statistics of Saturator

Start at: Thu, 29 Jun 2017 20:06:27 +0000

End at: Thu, 29 Jun 2017 20:06:57 +0000

Local clock offset: 0.883 ms

Remote clock offset: -16.423 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:45:55 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 87.72 Mbit/s

95th percentile per-packet one-way delay: 11.784 ms

Loss rate: 0.00%

-- Flow 1:

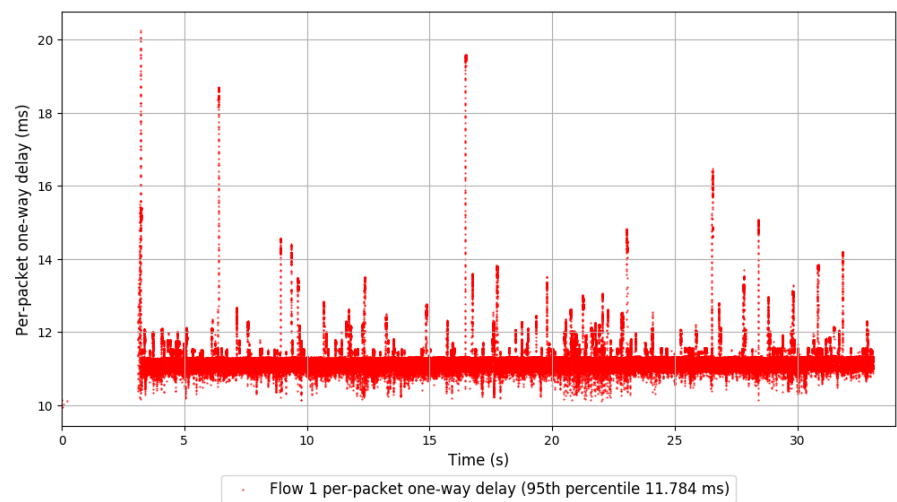
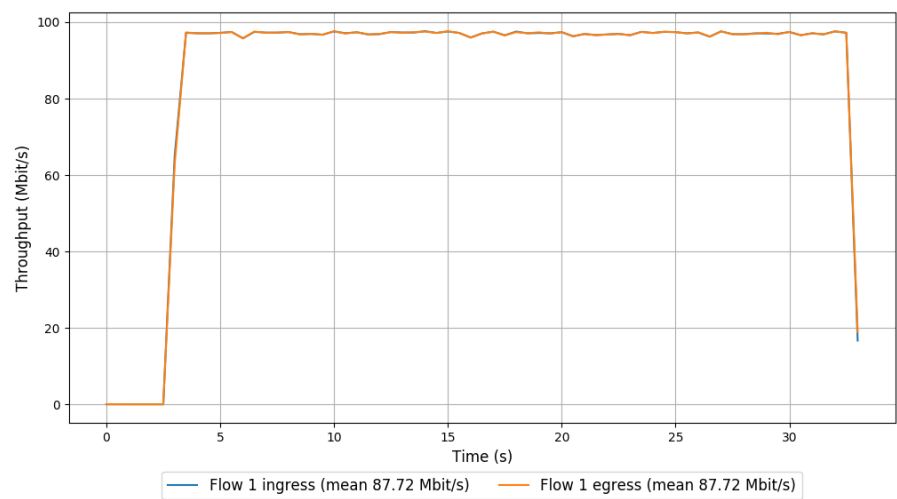
Average throughput: 87.72 Mbit/s

95th percentile per-packet one-way delay: 11.784 ms

Loss rate: 0.00%



Run 5: Report of Saturator — Data Link



Run 6: Statistics of Saturator

Start at: Thu, 29 Jun 2017 20:24:42 +0000

End at: Thu, 29 Jun 2017 20:25:12 +0000

Local clock offset: 1.337 ms

Remote clock offset: -16.664 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:45:55 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 86.04 Mbit/s

95th percentile per-packet one-way delay: 15.473 ms

Loss rate: 0.00%

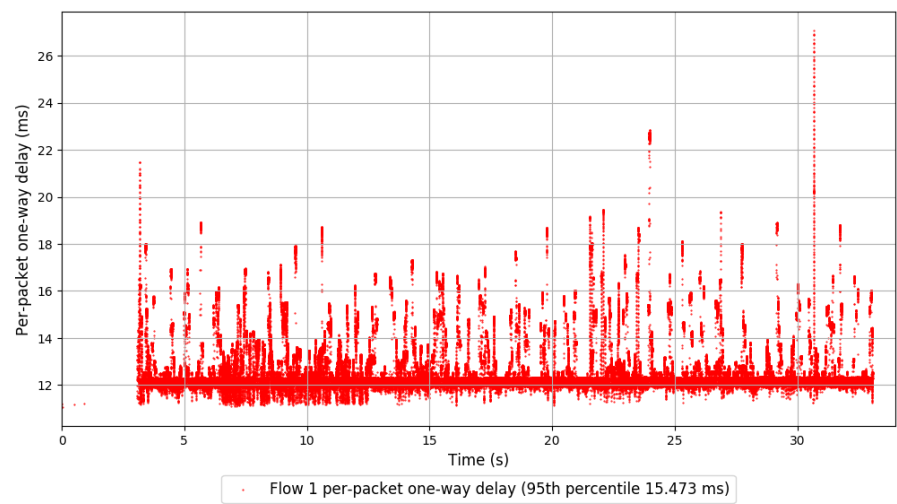
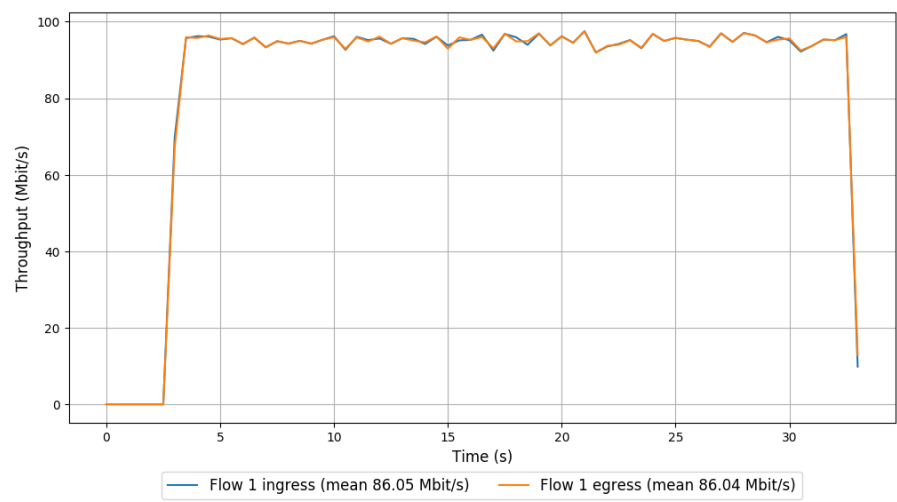
-- Flow 1:

Average throughput: 86.04 Mbit/s

95th percentile per-packet one-way delay: 15.473 ms

Loss rate: 0.00%

Run 6: Report of Saturator — Data Link



Run 7: Statistics of Saturator

Start at: Thu, 29 Jun 2017 20:42:54 +0000

End at: Thu, 29 Jun 2017 20:43:24 +0000

Local clock offset: 1.482 ms

Remote clock offset: -16.359 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:46:07 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 87.51 Mbit/s

95th percentile per-packet one-way delay: 13.941 ms

Loss rate: 0.00%

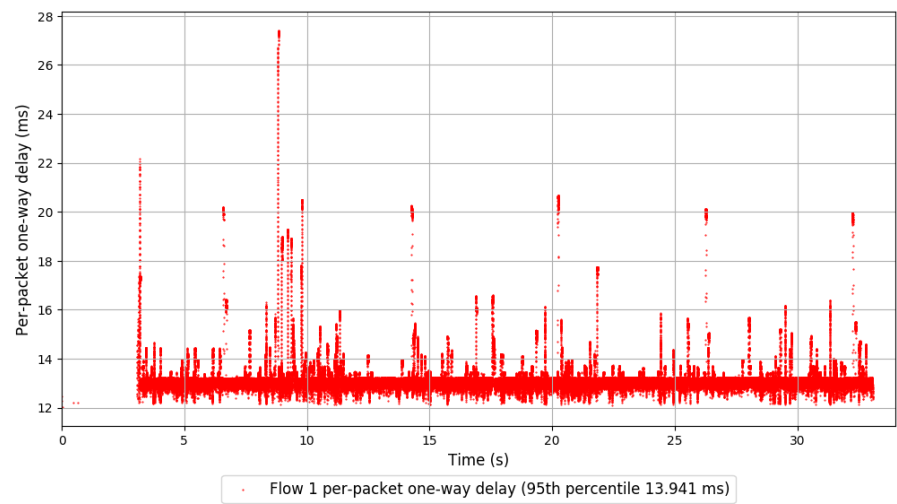
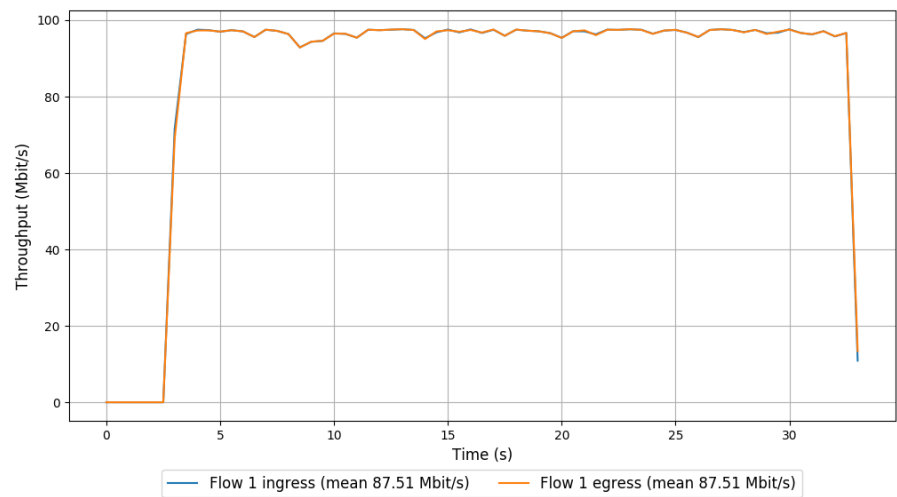
-- Flow 1:

Average throughput: 87.51 Mbit/s

95th percentile per-packet one-way delay: 13.941 ms

Loss rate: 0.00%

Run 7: Report of Saturator — Data Link



Run 8: Statistics of Saturator

Start at: Thu, 29 Jun 2017 21:00:55 +0000

End at: Thu, 29 Jun 2017 21:01:25 +0000

Local clock offset: -0.033 ms

Remote clock offset: -18.453 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:46:08 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 87.33 Mbit/s

95th percentile per-packet one-way delay: 14.376 ms

Loss rate: 0.14%

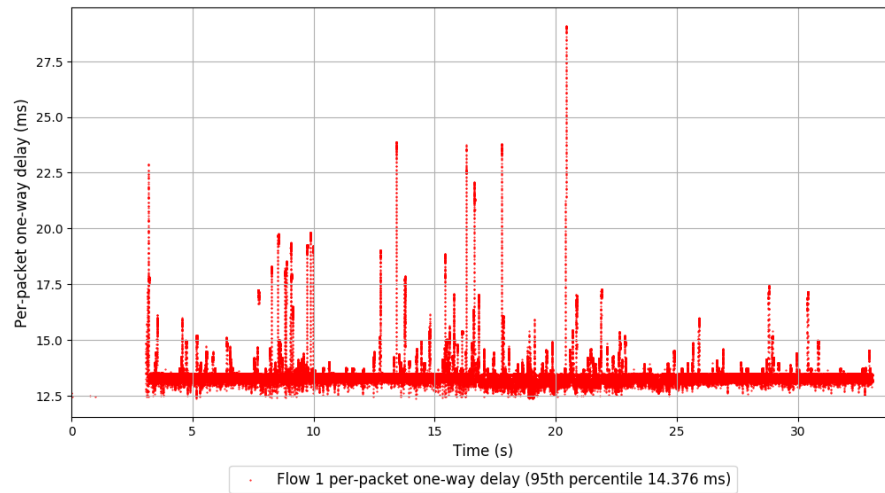
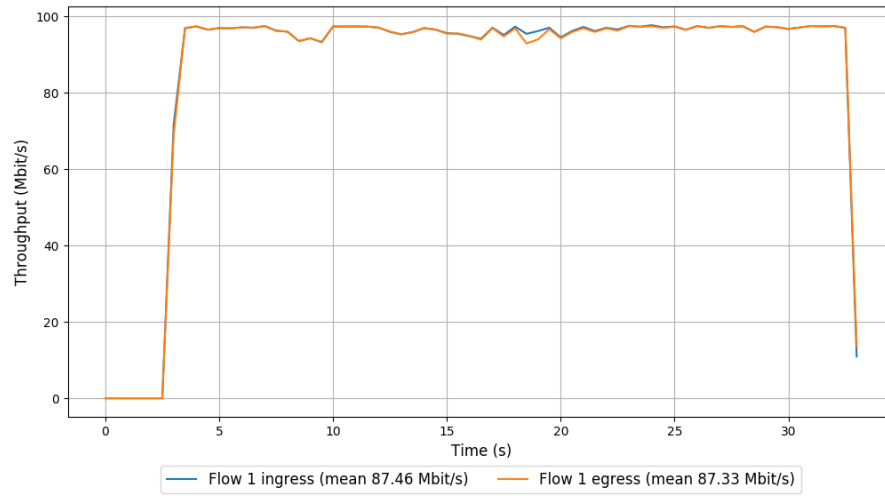
-- Flow 1:

Average throughput: 87.33 Mbit/s

95th percentile per-packet one-way delay: 14.376 ms

Loss rate: 0.14%

## Run 8: Report of Saturator — Data Link



Run 9: Statistics of Saturator

Start at: Thu, 29 Jun 2017 21:18:42 +0000

End at: Thu, 29 Jun 2017 21:19:12 +0000

Local clock offset: 2.359 ms

Remote clock offset: -17.729 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 87.42 Mbit/s

95th percentile per-packet one-way delay: 15.634 ms

Loss rate: 0.00%

-- Flow 1:

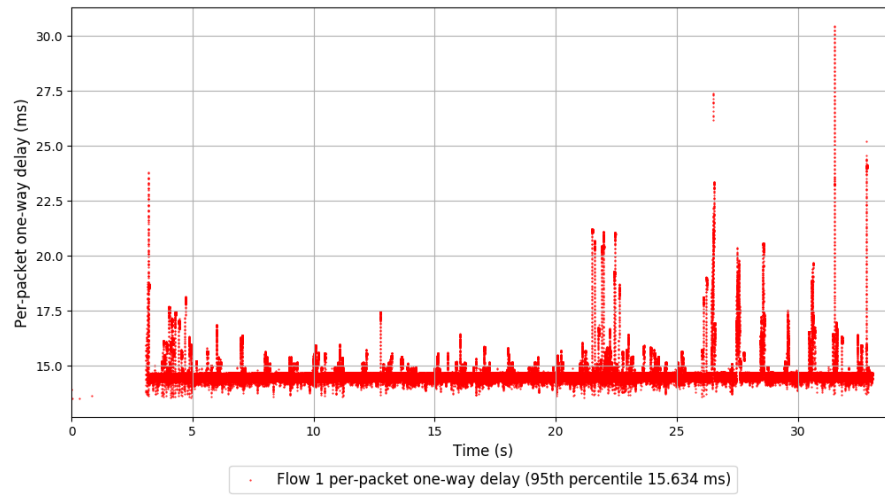
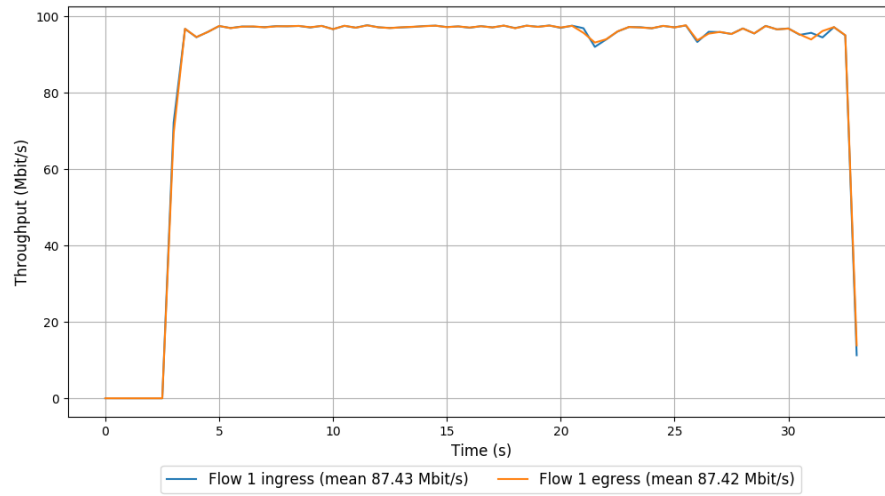
Average throughput: 87.42 Mbit/s

95th percentile per-packet one-way delay: 15.634 ms

Loss rate: 0.00%



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



Run 10: Statistics of Saturator

Start at: Thu, 29 Jun 2017 21:37:15 +0000

End at: Thu, 29 Jun 2017 21:37:45 +0000

Local clock offset: 1.769 ms

Remote clock offset: -18.866 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:46:21 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 87.18 Mbit/s

95th percentile per-packet one-way delay: 17.616 ms

Loss rate: 0.00%

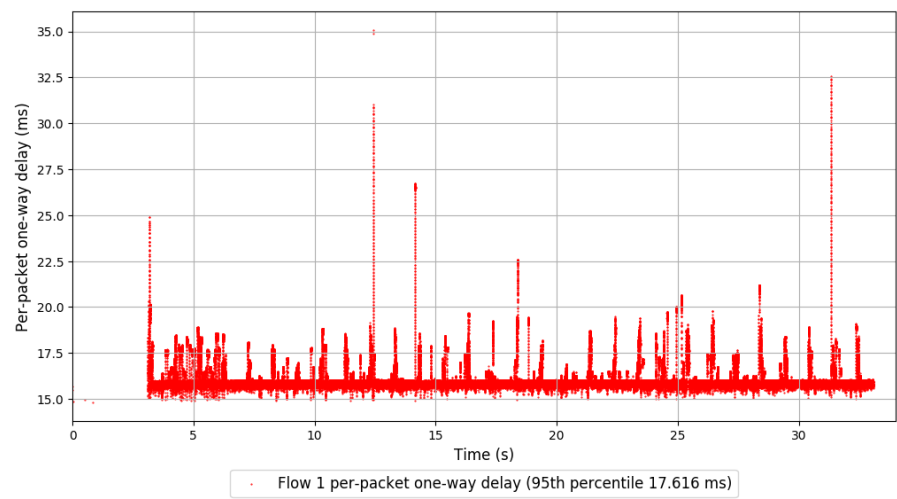
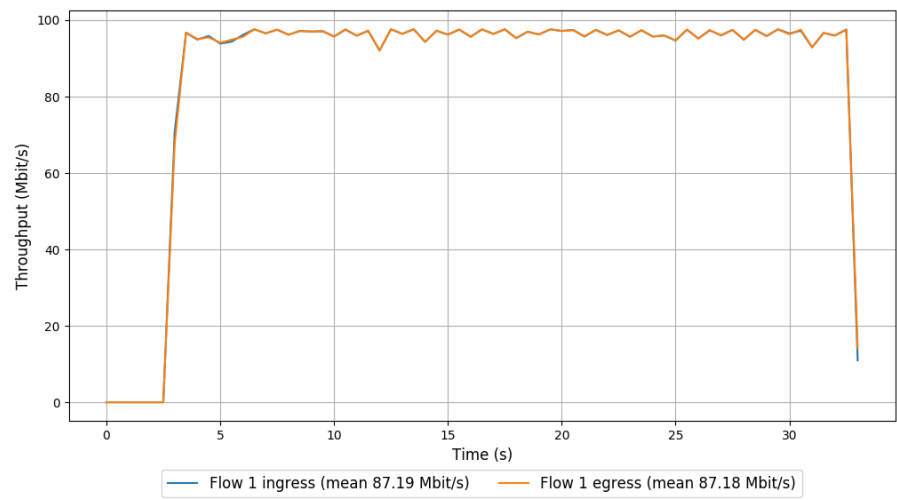
-- Flow 1:

Average throughput: 87.18 Mbit/s

95th percentile per-packet one-way delay: 17.616 ms

Loss rate: 0.00%

Run 10: Report of Saturator — Data Link



Run 1: Statistics of SCReAM

Start at: Thu, 29 Jun 2017 18:55:56 +0000

End at: Thu, 29 Jun 2017 18:56:26 +0000

Local clock offset: 1.324 ms

Remote clock offset: -17.239 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:46:21 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.19 Mbit/s

95th percentile per-packet one-way delay: 10.852 ms

Loss rate: 0.00%

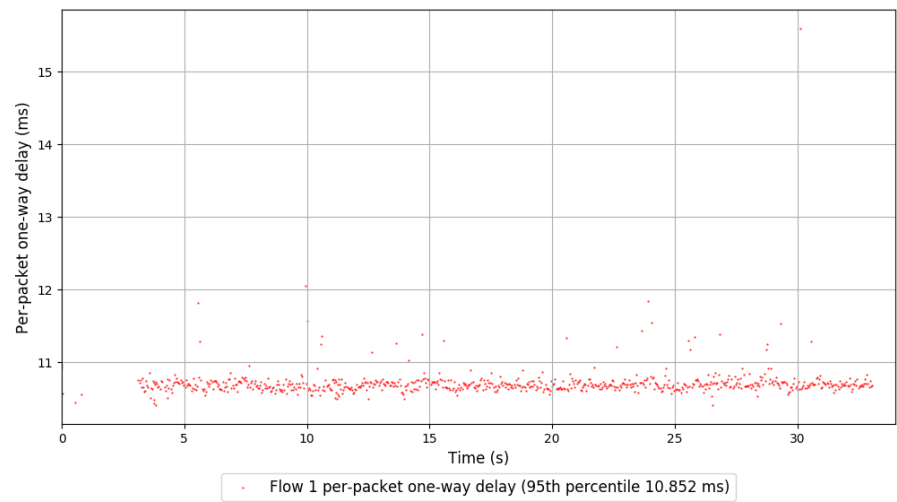
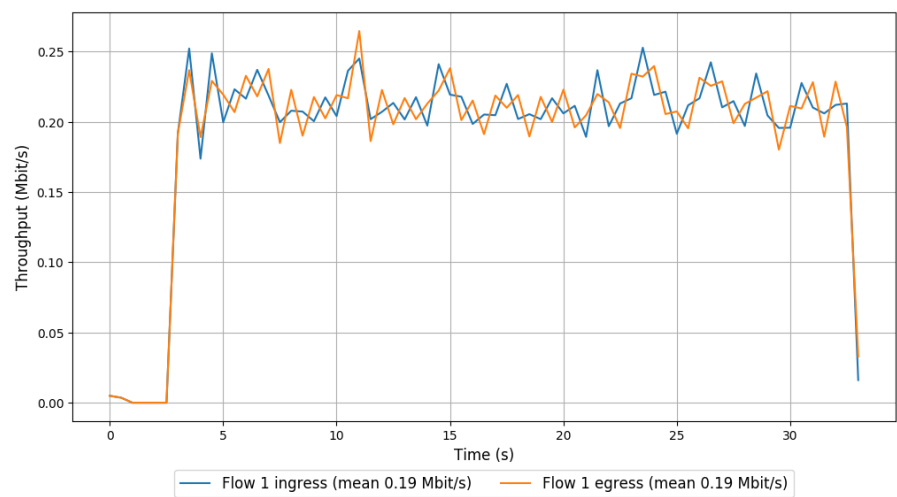
-- Flow 1:

Average throughput: 0.19 Mbit/s

95th percentile per-packet one-way delay: 10.852 ms

Loss rate: 0.00%

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

Start at: Thu, 29 Jun 2017 19:14:21 +0000

End at: Thu, 29 Jun 2017 19:14:51 +0000

Local clock offset: 1.811 ms

Remote clock offset: -14.062 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:46:22 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.19 Mbit/s

95th percentile per-packet one-way delay: 9.345 ms

Loss rate: 0.00%

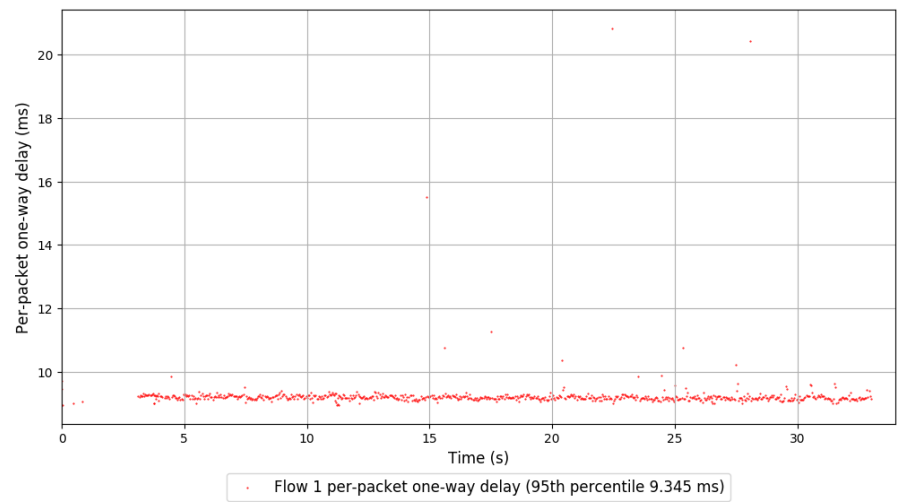
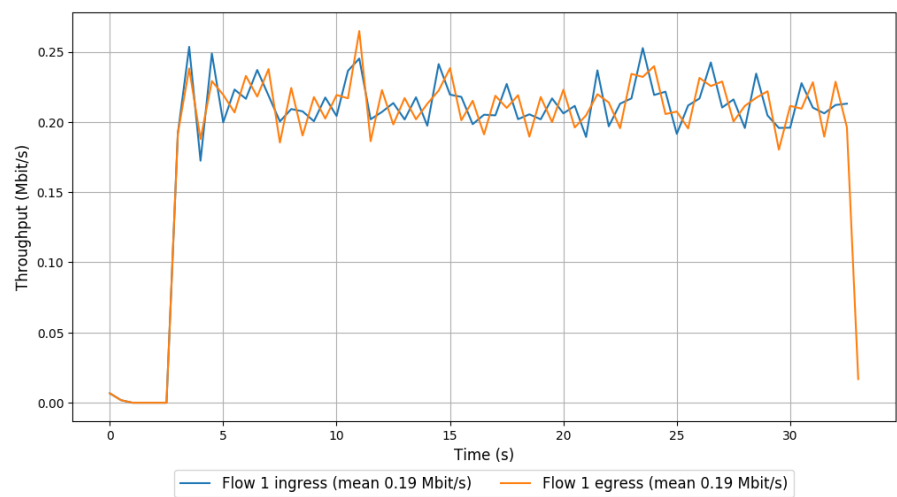
-- Flow 1:

Average throughput: 0.19 Mbit/s

95th percentile per-packet one-way delay: 9.345 ms

Loss rate: 0.00%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SCReAM

Start at: Thu, 29 Jun 2017 19:32:23 +0000

End at: Thu, 29 Jun 2017 19:32:53 +0000

Local clock offset: 1.759 ms

Remote clock offset: -17.739 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:46:23 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.19 Mbit/s

95th percentile per-packet one-way delay: 9.707 ms

Loss rate: 0.00%

-- Flow 1:

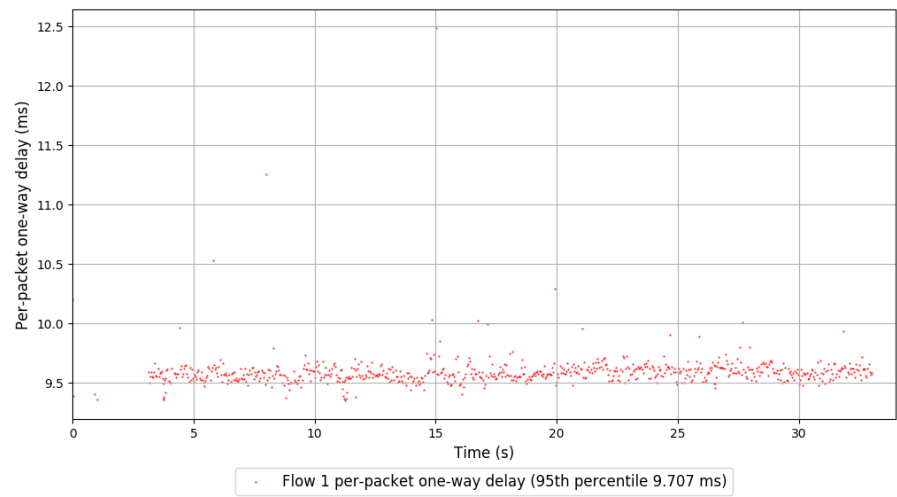
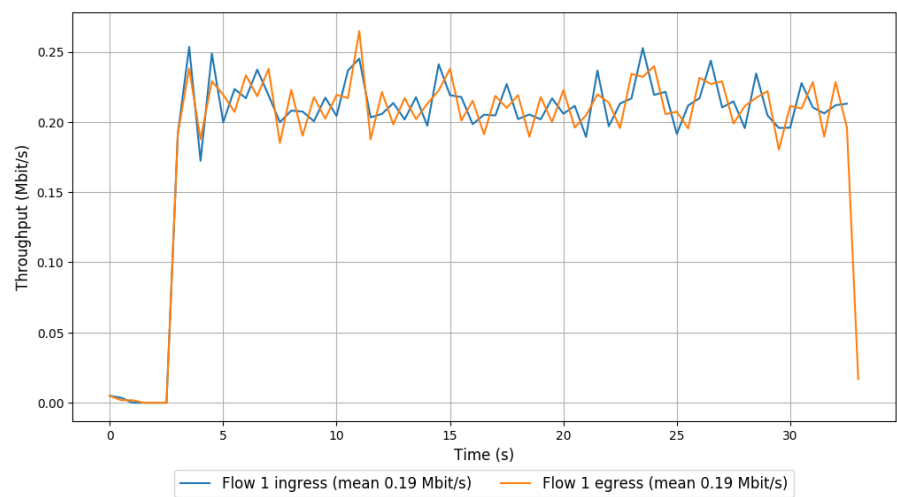
Average throughput: 0.19 Mbit/s

95th percentile per-packet one-way delay: 9.707 ms

Loss rate: 0.00%



Run 3: Report of SReAM — Data Link



Run 4: Statistics of SCReAM

Start at: Thu, 29 Jun 2017 19:50:42 +0000

End at: Thu, 29 Jun 2017 19:51:12 +0000

Local clock offset: -0.845 ms

Remote clock offset: -15.288 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:46:23 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.19 Mbit/s

95th percentile per-packet one-way delay: 9.820 ms

Loss rate: 0.00%

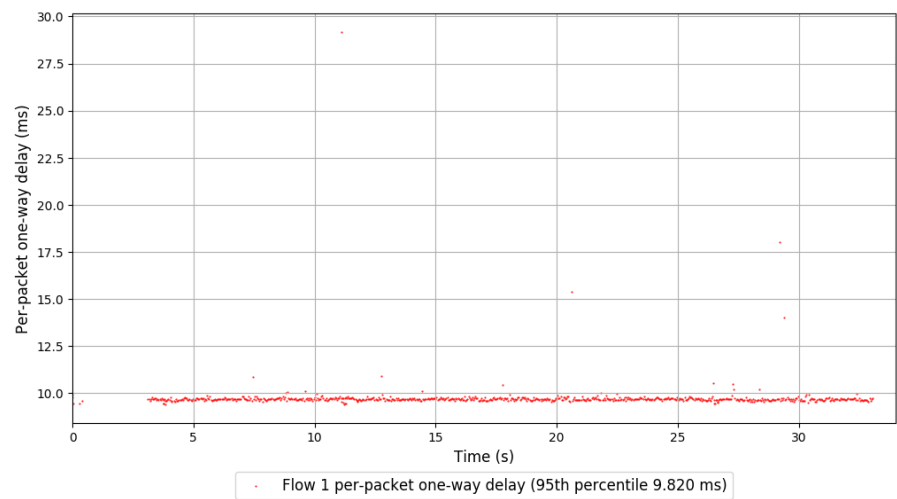
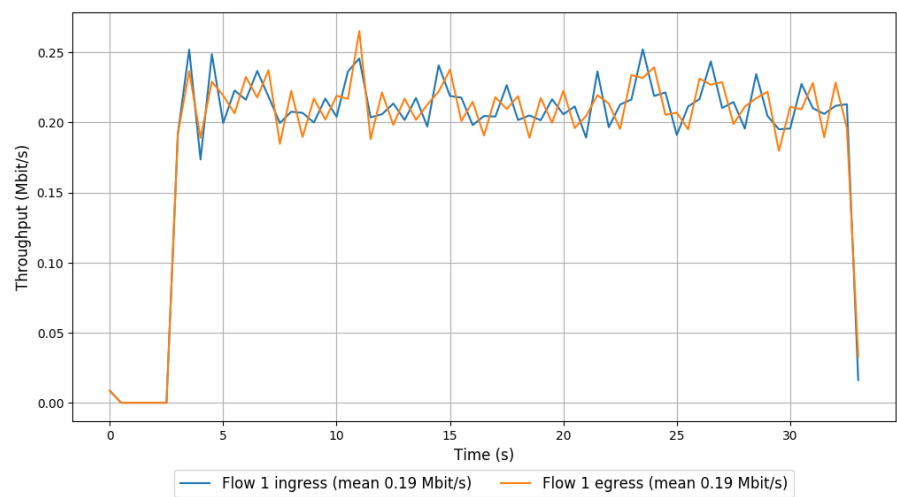
-- Flow 1:

Average throughput: 0.19 Mbit/s

95th percentile per-packet one-way delay: 9.820 ms

Loss rate: 0.00%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

Start at: Thu, 29 Jun 2017 20:09:02 +0000

End at: Thu, 29 Jun 2017 20:09:32 +0000

Local clock offset: 0.449 ms

Remote clock offset: -16.978 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:46:24 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.19 Mbit/s

95th percentile per-packet one-way delay: 10.688 ms

Loss rate: 0.00%

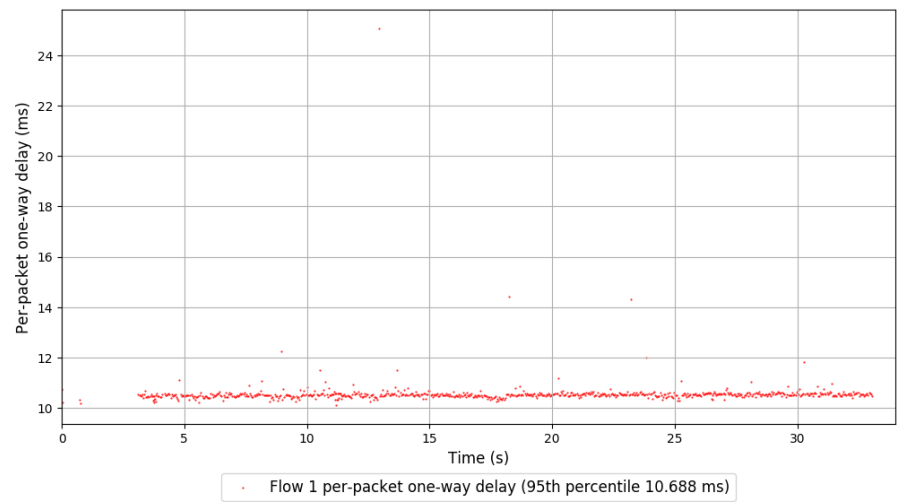
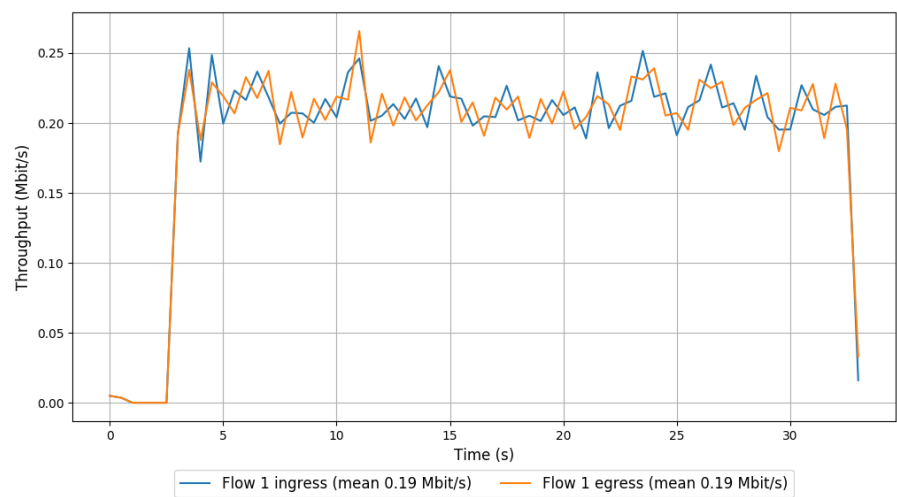
-- Flow 1:

Average throughput: 0.19 Mbit/s

95th percentile per-packet one-way delay: 10.688 ms

Loss rate: 0.00%

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SCReAM

Start at: Thu, 29 Jun 2017 20:27:14 +0000

End at: Thu, 29 Jun 2017 20:27:44 +0000

Local clock offset: -1.799 ms

Remote clock offset: -21.647 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:46:24 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.19 Mbit/s

95th percentile per-packet one-way delay: 11.745 ms

Loss rate: 0.00%

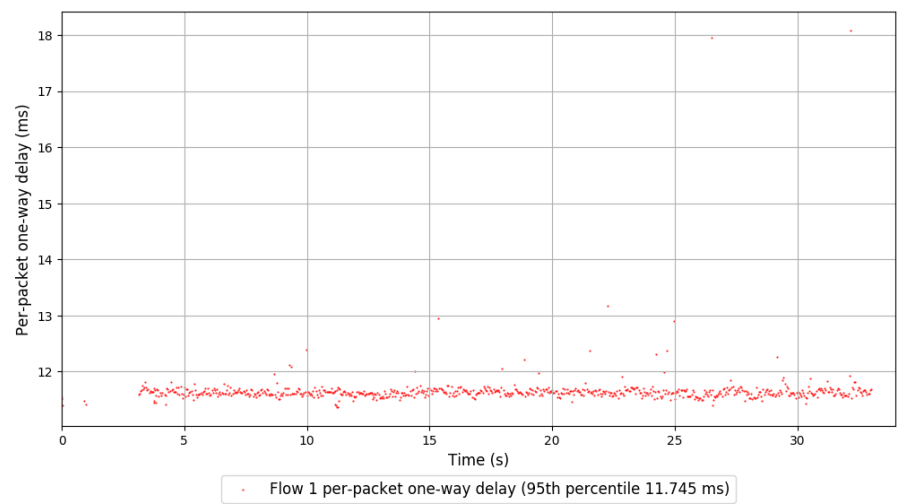
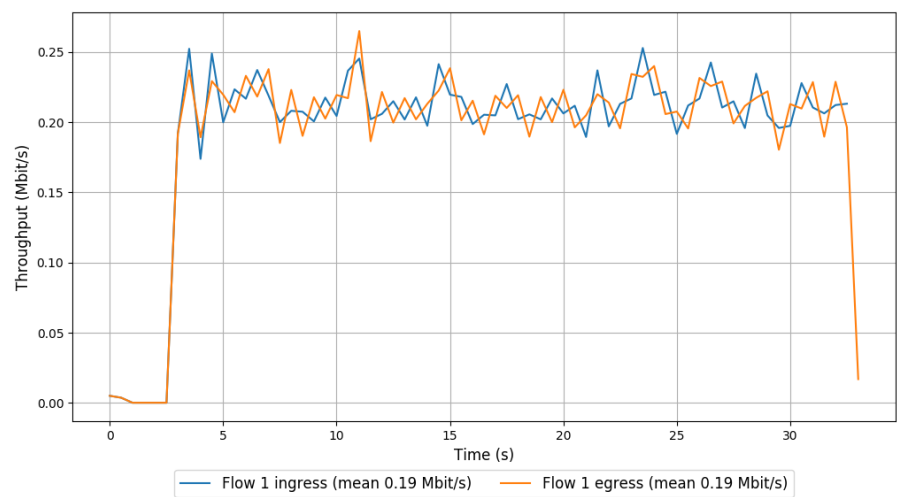
-- Flow 1:

Average throughput: 0.19 Mbit/s

95th percentile per-packet one-way delay: 11.745 ms

Loss rate: 0.00%

Run 6: Report of SReAM — Data Link



Run 7: Statistics of SCReAM

Start at: Thu, 29 Jun 2017 20:45:37 +0000

End at: Thu, 29 Jun 2017 20:46:07 +0000

Local clock offset: 0.347 ms

Remote clock offset: -16.651 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:46:25 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.19 Mbit/s

95th percentile per-packet one-way delay: 12.339 ms

Loss rate: 0.00%

-- Flow 1:

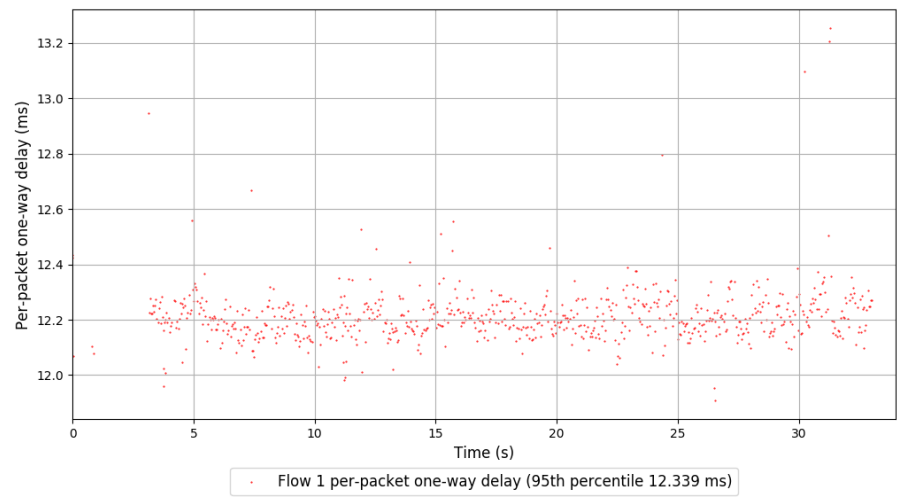
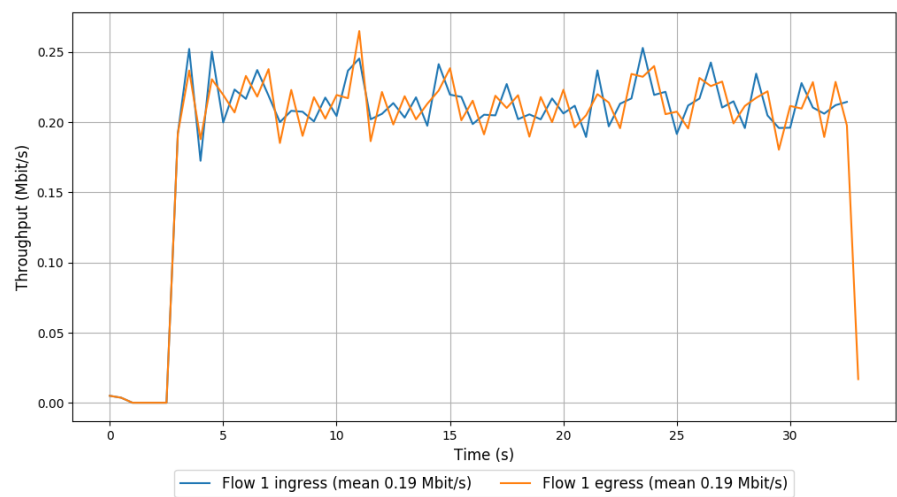
Average throughput: 0.19 Mbit/s

95th percentile per-packet one-way delay: 12.339 ms

Loss rate: 0.00%



Run 7: Report of SReAM — Data Link



Run 8: Statistics of SCReAM

Start at: Thu, 29 Jun 2017 21:03:26 +0000

End at: Thu, 29 Jun 2017 21:03:56 +0000

Local clock offset: -0.284 ms

Remote clock offset: -17.106 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:46:25 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.19 Mbit/s

95th percentile per-packet one-way delay: 12.647 ms

Loss rate: 0.00%

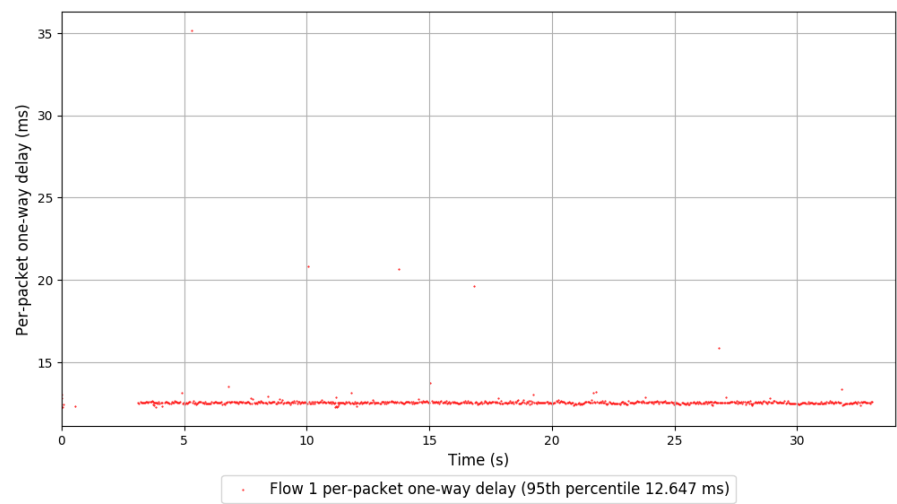
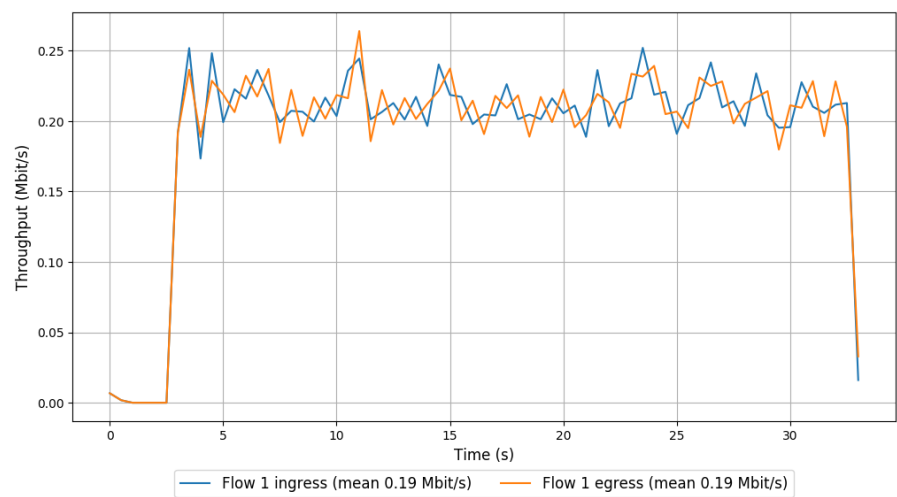
-- Flow 1:

Average throughput: 0.19 Mbit/s

95th percentile per-packet one-way delay: 12.647 ms

Loss rate: 0.00%

Run 8: Report of SReAM — Data Link



Run 9: Statistics of SCReAM

Start at: Thu, 29 Jun 2017 21:21:15 +0000

End at: Thu, 29 Jun 2017 21:21:45 +0000

Local clock offset: 3.578 ms

Remote clock offset: -20.292 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:46:26 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.19 Mbit/s

95th percentile per-packet one-way delay: 14.033 ms

Loss rate: 0.00%

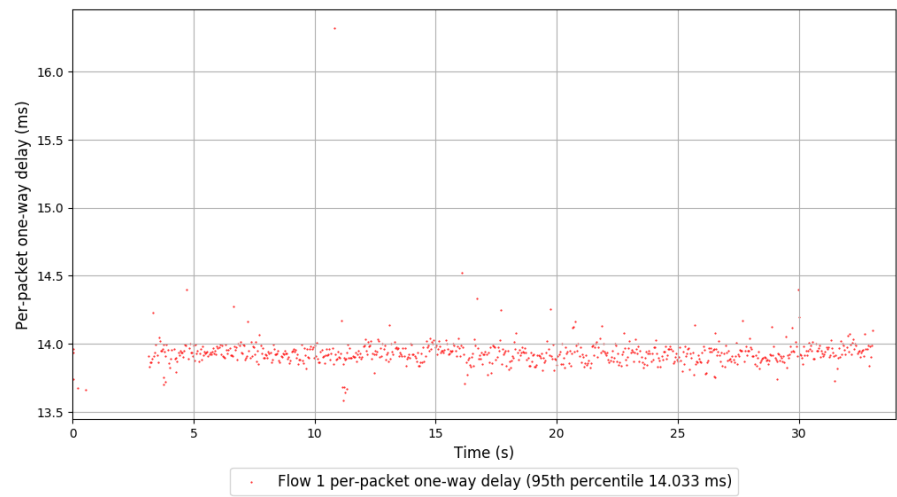
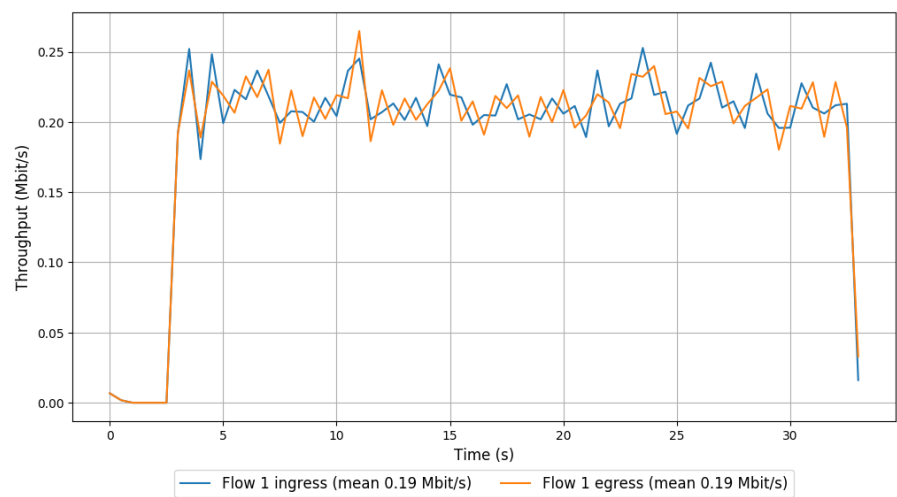
-- Flow 1:

Average throughput: 0.19 Mbit/s

95th percentile per-packet one-way delay: 14.033 ms

Loss rate: 0.00%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SCReAM

Start at: Thu, 29 Jun 2017 21:39:37 +0000

End at: Thu, 29 Jun 2017 21:40:07 +0000

Local clock offset: 1.702 ms

Remote clock offset: -21.336 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:46:26 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.19 Mbit/s

95th percentile per-packet one-way delay: 15.380 ms

Loss rate: 0.00%

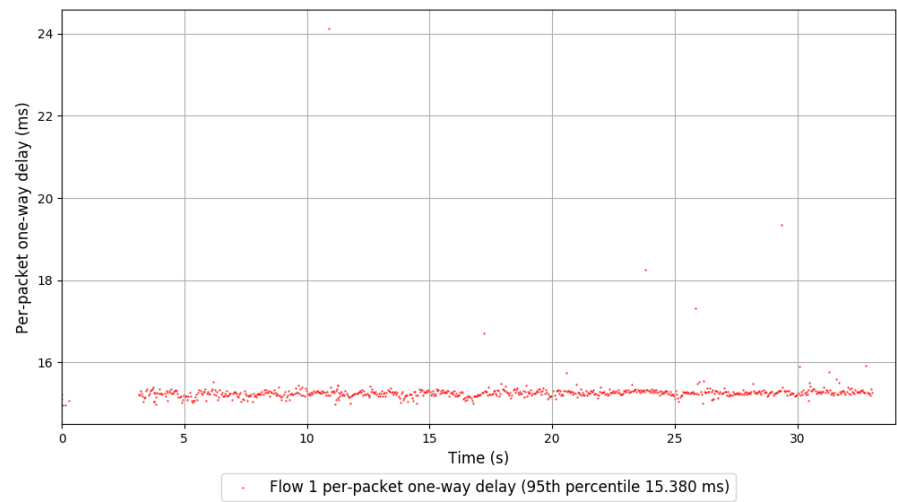
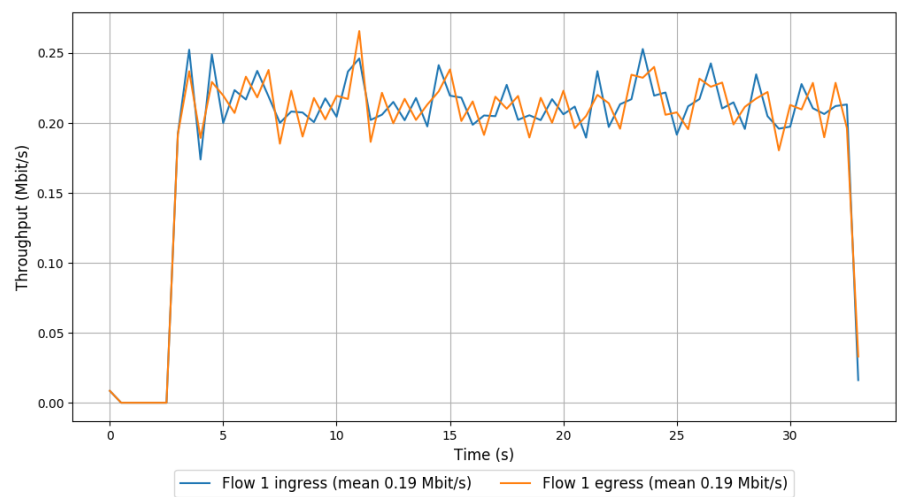
-- Flow 1:

Average throughput: 0.19 Mbit/s

95th percentile per-packet one-way delay: 15.380 ms

Loss rate: 0.00%

Run 10: Report of SReAM — Data Link



Run 1: Statistics of Sprout

Start at: Thu, 29 Jun 2017 19:08:15 +0000

End at: Thu, 29 Jun 2017 19:08:45 +0000

Local clock offset: 1.291 ms

Remote clock offset: -15.577 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 22.43 Mbit/s

95th percentile per-packet one-way delay: 17.682 ms

Loss rate: 0.00%

-- Flow 1:

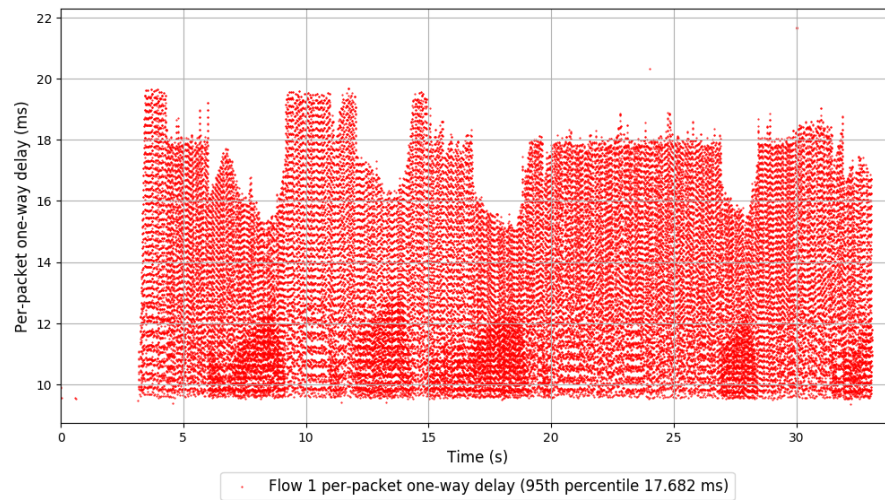
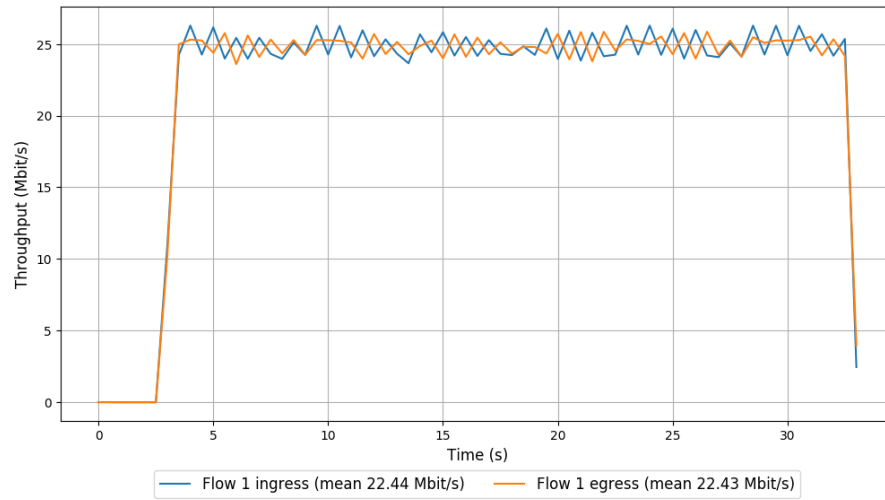
Average throughput: 22.43 Mbit/s

95th percentile per-packet one-way delay: 17.682 ms

Loss rate: 0.00%



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



Run 2: Statistics of Sprout

Start at: Thu, 29 Jun 2017 19:26:22 +0000

End at: Thu, 29 Jun 2017 19:26:52 +0000

Local clock offset: 2.082 ms

Remote clock offset: -15.793 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 22.18 Mbit/s

95th percentile per-packet one-way delay: 16.381 ms

Loss rate: 0.00%

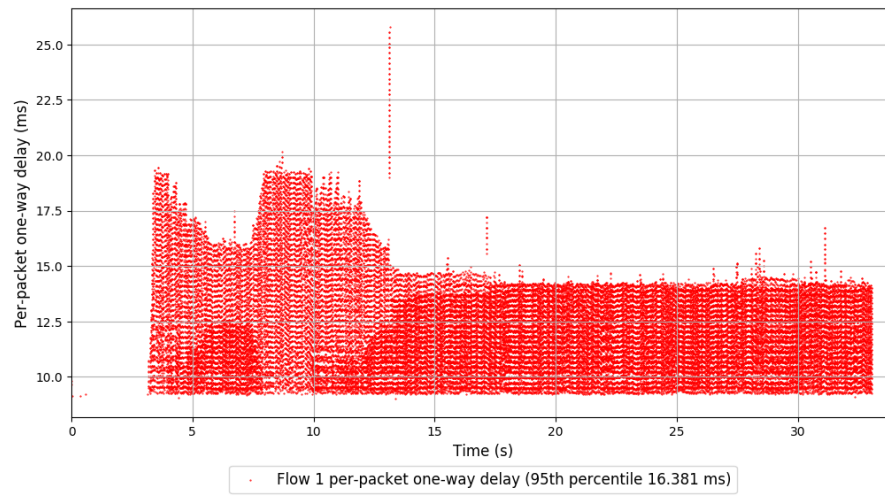
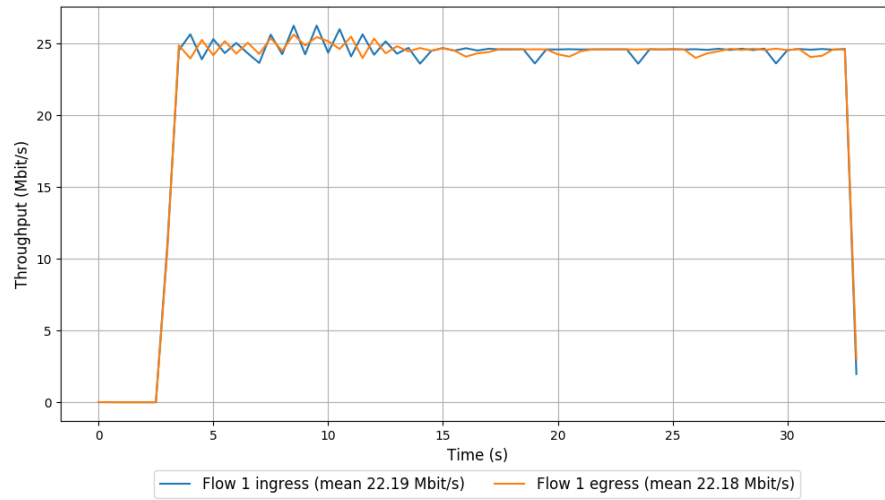
-- Flow 1:

Average throughput: 22.18 Mbit/s

95th percentile per-packet one-way delay: 16.381 ms

Loss rate: 0.00%

## Run 2: Report of Sprout — Data Link



Run 3: Statistics of Sprout

Start at: Thu, 29 Jun 2017 19:44:36 +0000

End at: Thu, 29 Jun 2017 19:45:06 +0000

Local clock offset: -0.021 ms

Remote clock offset: -15.444 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:46:34 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 22.43 Mbit/s

95th percentile per-packet one-way delay: 18.009 ms

Loss rate: 0.00%

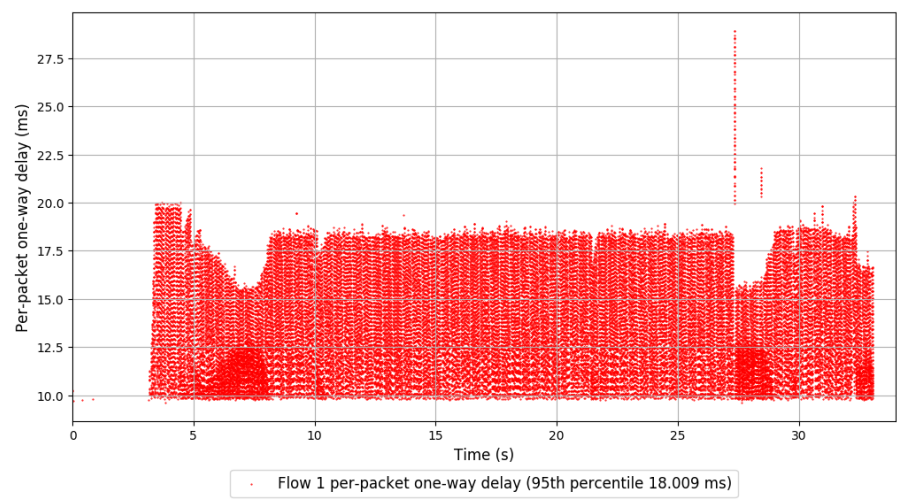
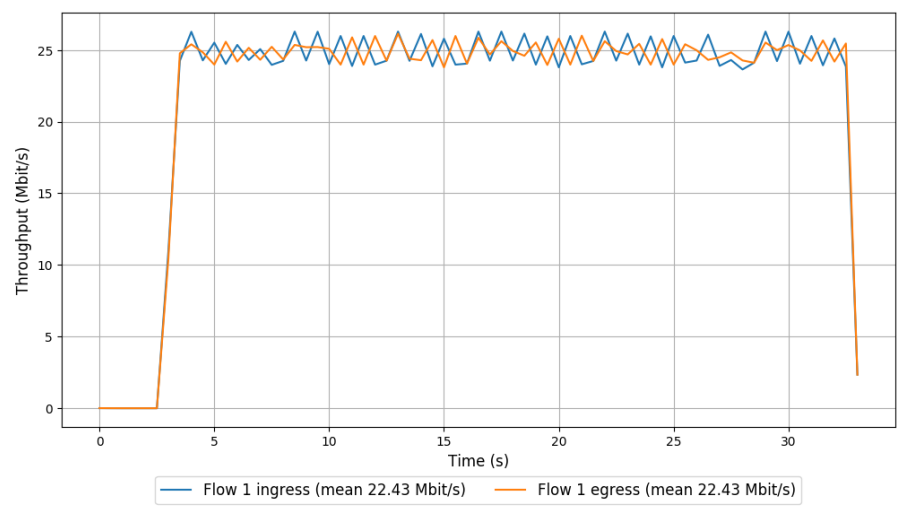
-- Flow 1:

Average throughput: 22.43 Mbit/s

95th percentile per-packet one-way delay: 18.009 ms

Loss rate: 0.00%

Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

Start at: Thu, 29 Jun 2017 20:02:51 +0000

End at: Thu, 29 Jun 2017 20:03:21 +0000

Local clock offset: -0.698 ms

Remote clock offset: -16.14 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:46:35 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 22.04 Mbit/s

95th percentile per-packet one-way delay: 14.808 ms

Loss rate: 0.00%

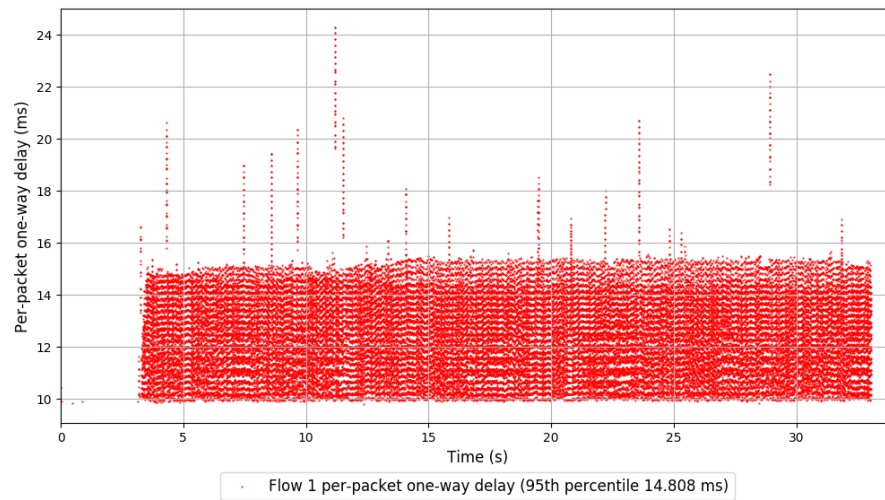
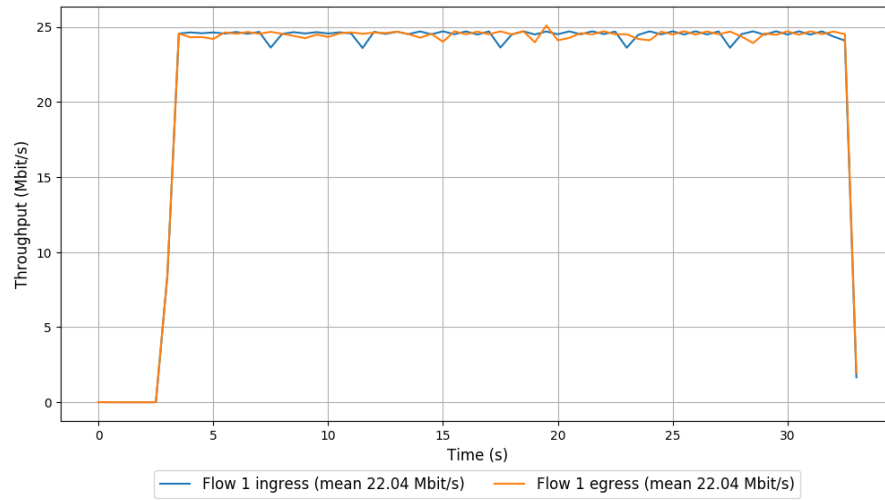
-- Flow 1:

Average throughput: 22.04 Mbit/s

95th percentile per-packet one-way delay: 14.808 ms

Loss rate: 0.00%

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



Run 5: Statistics of Sprout

Start at: Thu, 29 Jun 2017 20:21:09 +0000

End at: Thu, 29 Jun 2017 20:21:39 +0000

Local clock offset: 2.377 ms

Remote clock offset: -18.388 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:46:38 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 22.34 Mbit/s

95th percentile per-packet one-way delay: 18.753 ms

Loss rate: 0.00%

-- Flow 1:

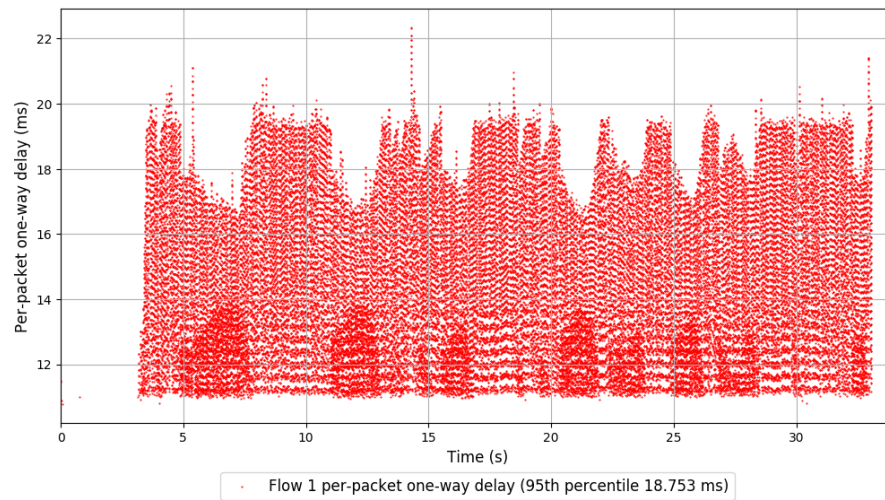
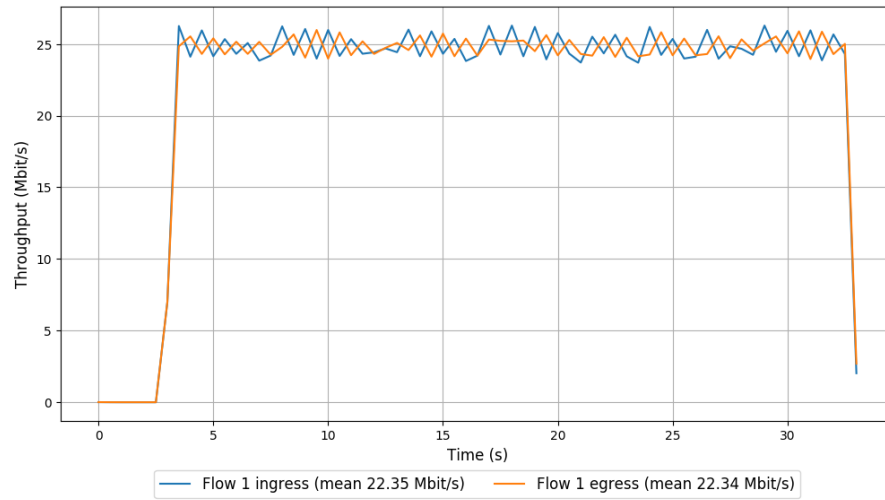
Average throughput: 22.34 Mbit/s

95th percentile per-packet one-way delay: 18.753 ms

Loss rate: 0.00%



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



Run 6: Statistics of Sprout

Start at: Thu, 29 Jun 2017 20:39:07 +0000

End at: Thu, 29 Jun 2017 20:39:37 +0000

Local clock offset: 1.08 ms

Remote clock offset: -18.945 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:46:39 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 22.37 Mbit/s

95th percentile per-packet one-way delay: 20.100 ms

Loss rate: 0.00%

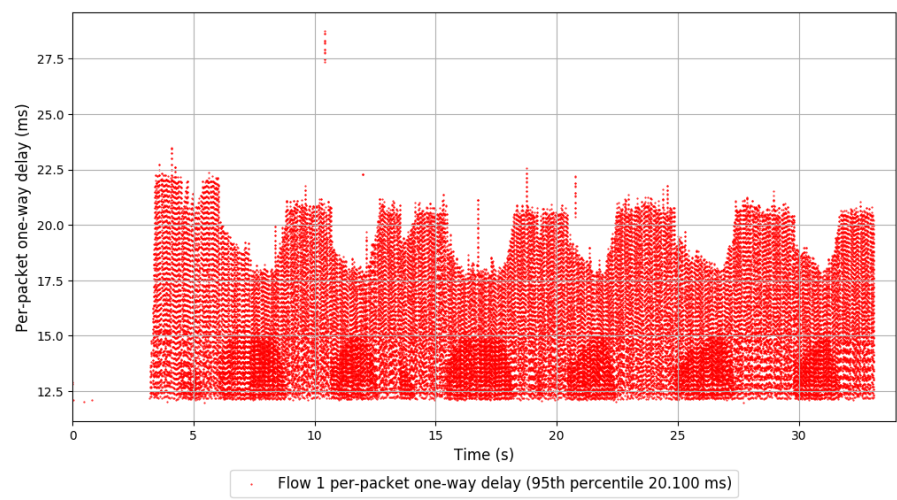
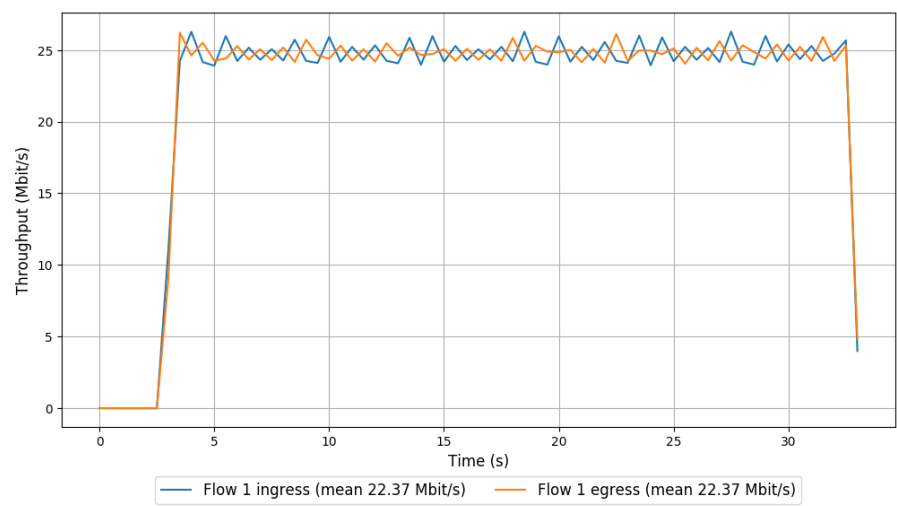
-- Flow 1:

Average throughput: 22.37 Mbit/s

95th percentile per-packet one-way delay: 20.100 ms

Loss rate: 0.00%

Run 6: Report of Sprout — Data Link



Run 7: Statistics of Sprout

Start at: Thu, 29 Jun 2017 20:57:19 +0000

End at: Thu, 29 Jun 2017 20:57:49 +0000

Local clock offset: 3.231 ms

Remote clock offset: -17.796 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:46:43 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 22.08 Mbit/s

95th percentile per-packet one-way delay: 18.594 ms

Loss rate: 0.00%

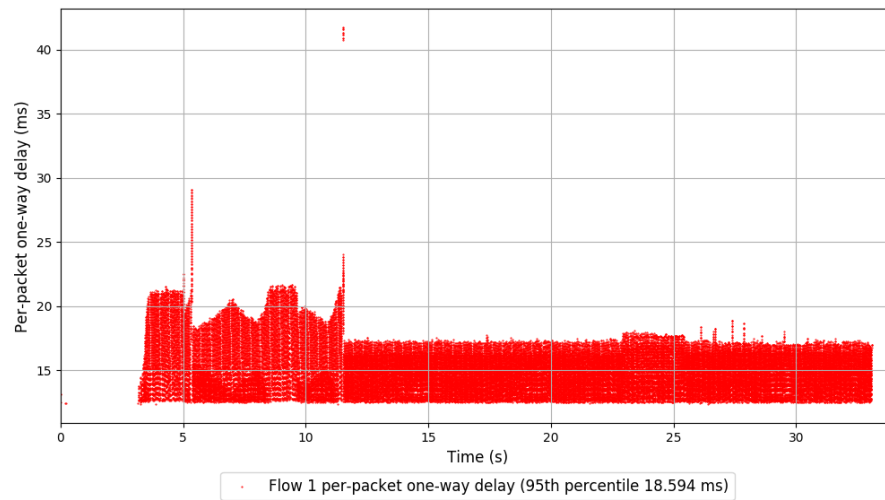
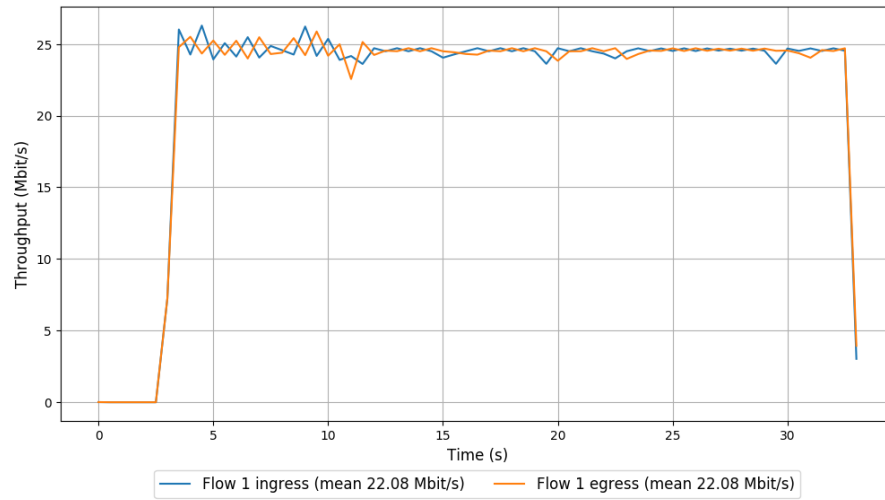
-- Flow 1:

Average throughput: 22.08 Mbit/s

95th percentile per-packet one-way delay: 18.594 ms

Loss rate: 0.00%

## Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

Start at: Thu, 29 Jun 2017 21:15:14 +0000

End at: Thu, 29 Jun 2017 21:15:44 +0000

Local clock offset: 2.23 ms

Remote clock offset: -19.311 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:46:43 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 22.30 Mbit/s

95th percentile per-packet one-way delay: 21.349 ms

Loss rate: 0.00%

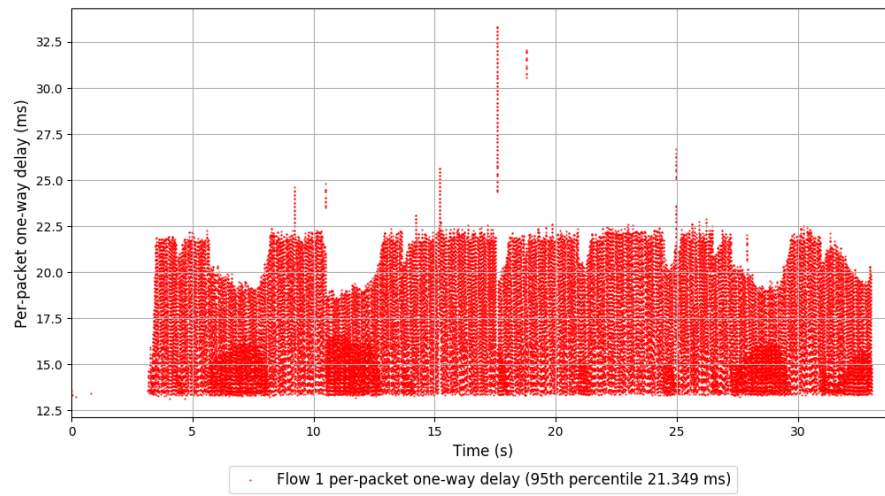
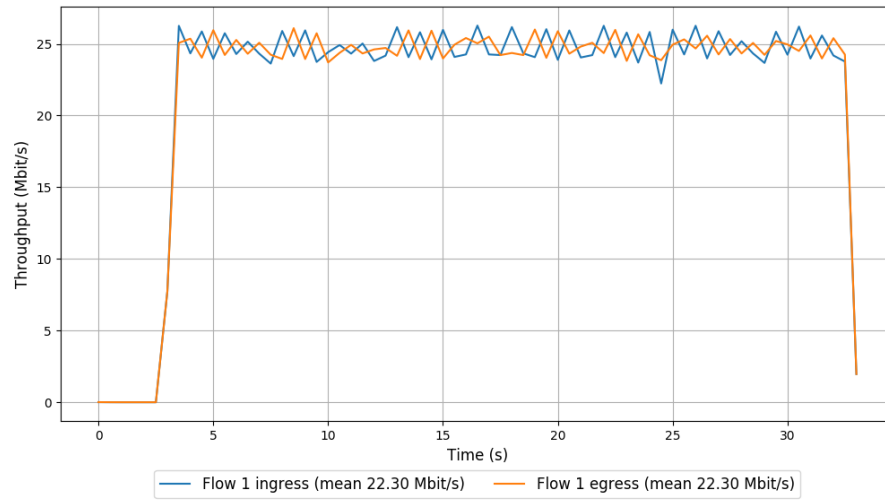
-- Flow 1:

Average throughput: 22.30 Mbit/s

95th percentile per-packet one-way delay: 21.349 ms

Loss rate: 0.00%

## Run 8: Report of Sprout — Data Link



Run 9: Statistics of Sprout

Start at: Thu, 29 Jun 2017 21:33:31 +0000

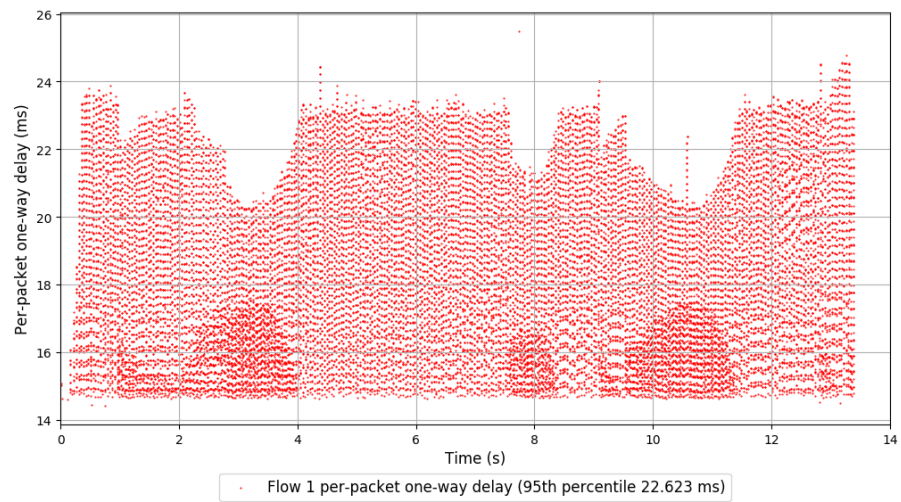
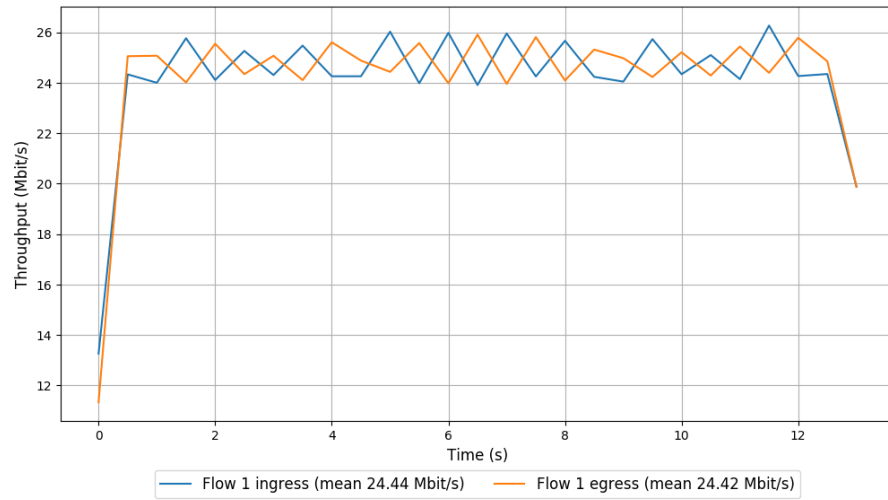
End at: Thu, 29 Jun 2017 21:34:01 +0000

Local clock offset: 2.239 ms

Remote clock offset: -20.3 ms



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



Run 10: Statistics of Sprout

Start at: Thu, 29 Jun 2017 21:51:37 +0000

End at: Thu, 29 Jun 2017 21:52:07 +0000

Local clock offset: -0.768 ms

Remote clock offset: -21.385 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:46:47 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 22.44 Mbit/s

95th percentile per-packet one-way delay: 22.885 ms

Loss rate: 0.00%

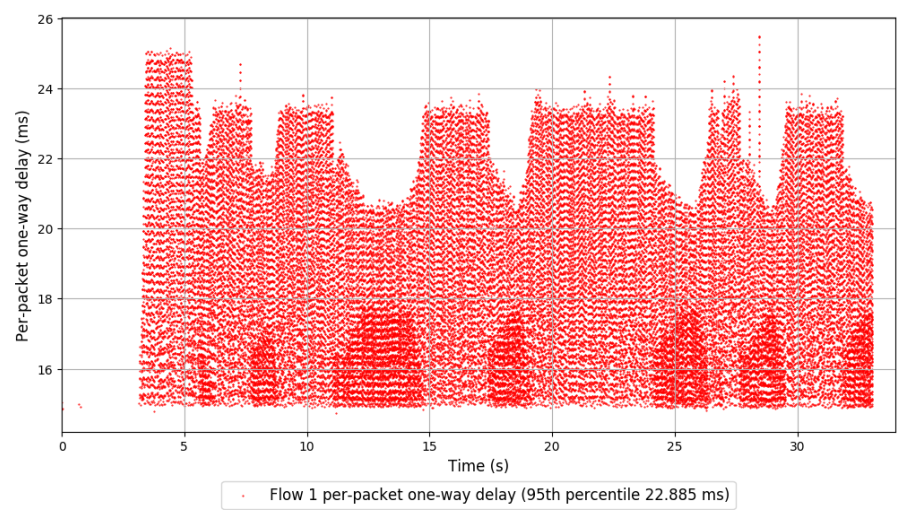
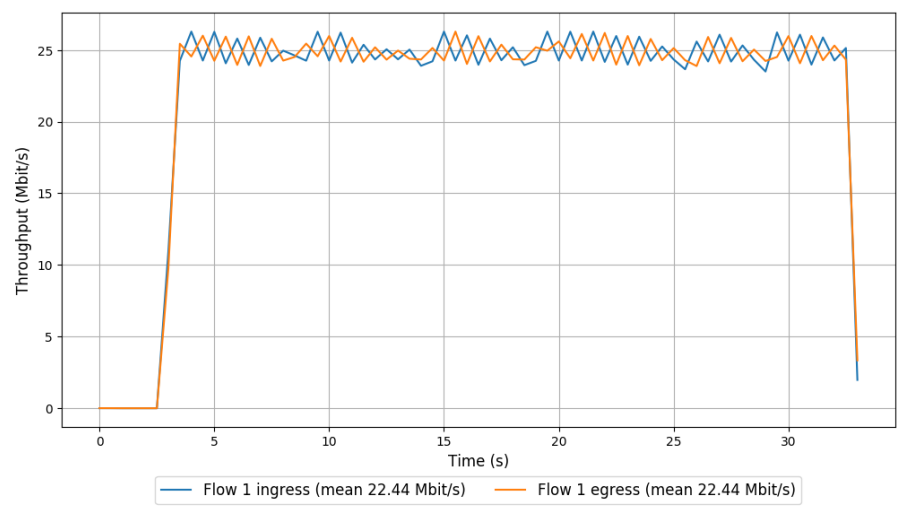
-- Flow 1:

Average throughput: 22.44 Mbit/s

95th percentile per-packet one-way delay: 22.885 ms

Loss rate: 0.00%

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: Thu, 29 Jun 2017 18:57:01 +0000

End at: Thu, 29 Jun 2017 18:57:31 +0000

Local clock offset: -0.156 ms

Remote clock offset: -18.103 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:47:08 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 82.13 Mbit/s

95th percentile per-packet one-way delay: 13.831 ms

Loss rate: 0.00%

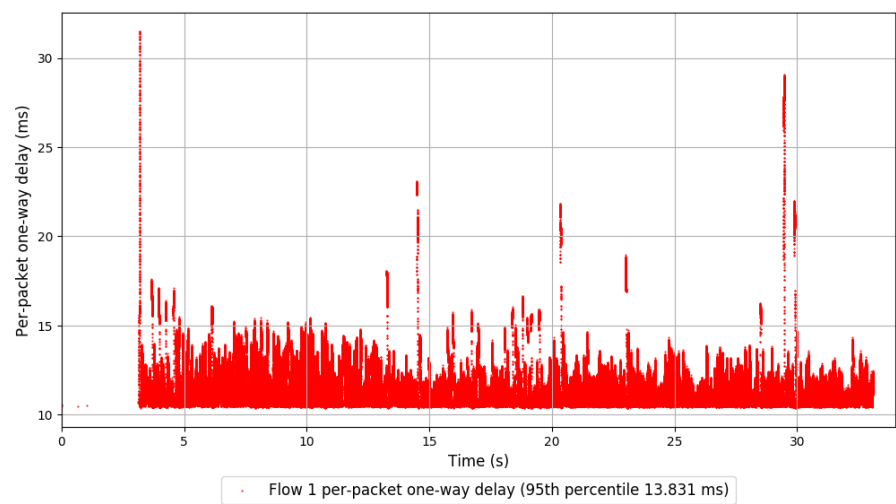
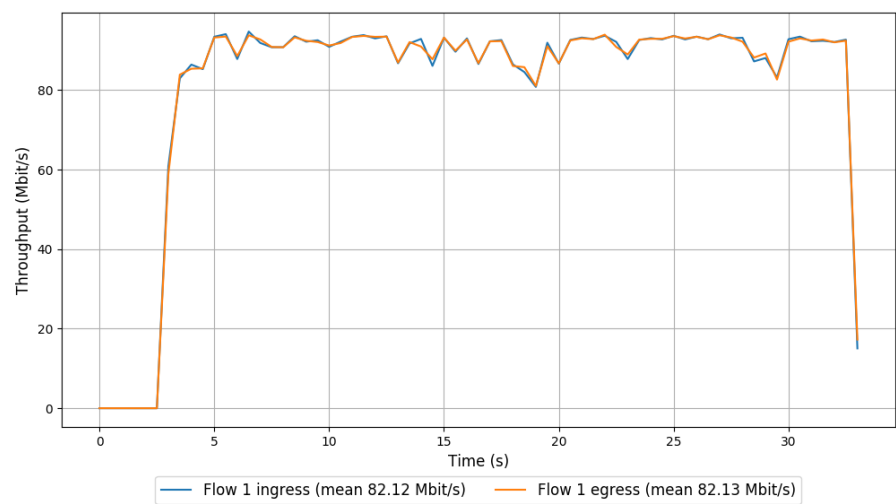
-- Flow 1:

Average throughput: 82.13 Mbit/s

95th percentile per-packet one-way delay: 13.831 ms

Loss rate: 0.00%

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



Run 2: Statistics of TaoVA-100x

Start at: Thu, 29 Jun 2017 19:15:25 +0000

End at: Thu, 29 Jun 2017 19:15:55 +0000

Local clock offset: 1.988 ms

Remote clock offset: -17.551 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:47:08 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 84.11 Mbit/s

95th percentile per-packet one-way delay: 11.763 ms

Loss rate: 0.00%

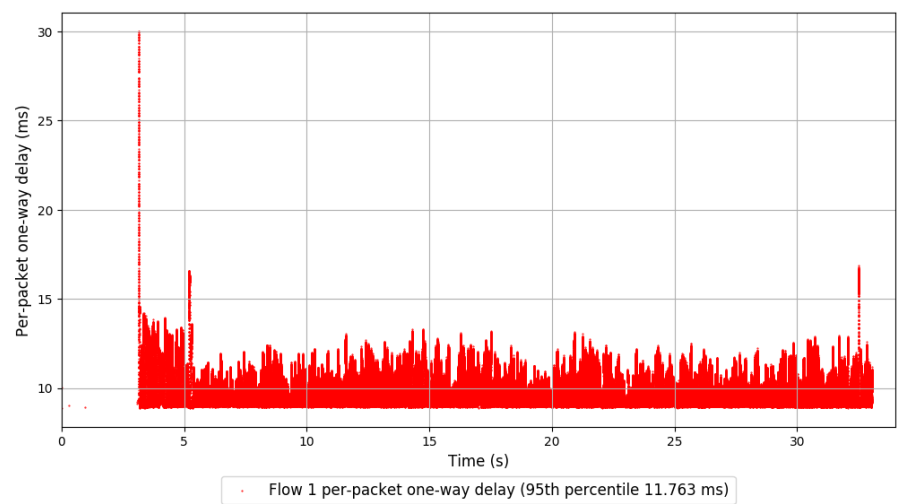
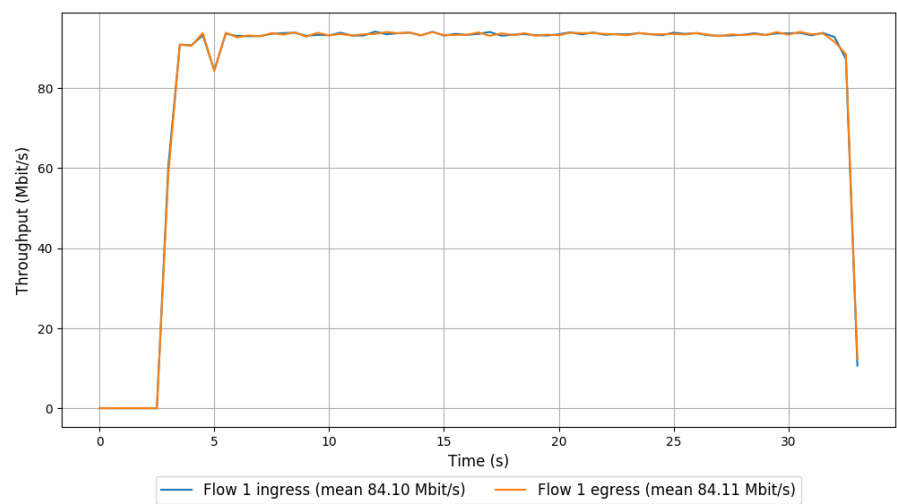
-- Flow 1:

Average throughput: 84.11 Mbit/s

95th percentile per-packet one-way delay: 11.763 ms

Loss rate: 0.00%

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



Run 3: Statistics of TaoVA-100x

Start at: Thu, 29 Jun 2017 19:33:27 +0000

End at: Thu, 29 Jun 2017 19:33:57 +0000

Local clock offset: 2.148 ms

Remote clock offset: -17.046 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:47:29 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 83.44 Mbit/s

95th percentile per-packet one-way delay: 12.796 ms

Loss rate: 0.00%

-- Flow 1:

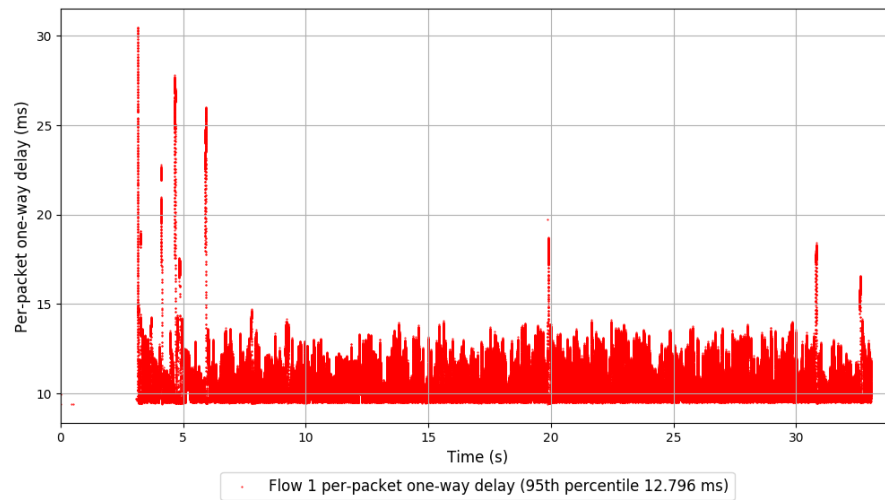
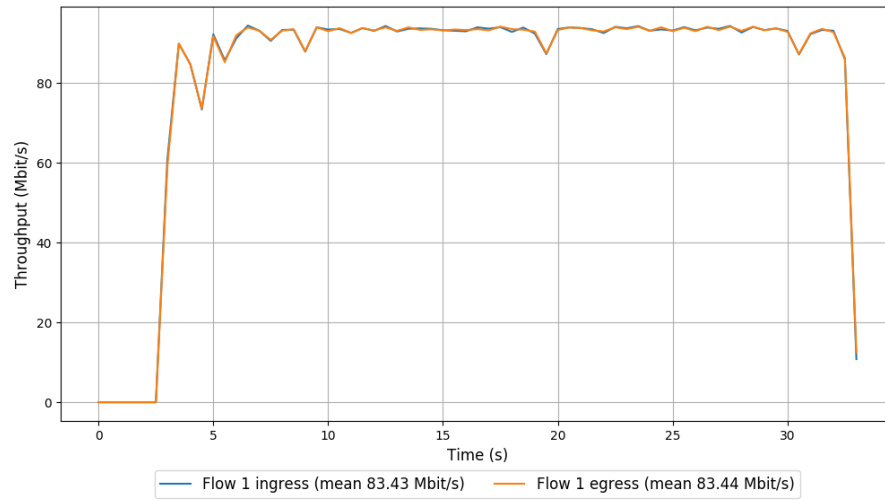
Average throughput: 83.44 Mbit/s

95th percentile per-packet one-way delay: 12.796 ms

Loss rate: 0.00%



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



Run 4: Statistics of TaoVA-100x

Start at: Thu, 29 Jun 2017 19:51:47 +0000

End at: Thu, 29 Jun 2017 19:52:17 +0000

Local clock offset: 2.261 ms

Remote clock offset: -15.267 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 82.30 Mbit/s

95th percentile per-packet one-way delay: 12.944 ms

Loss rate: 0.03%

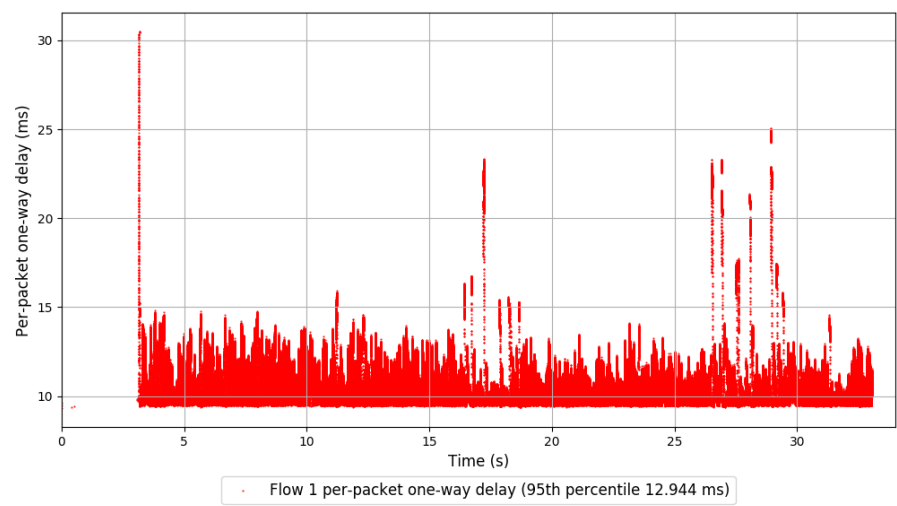
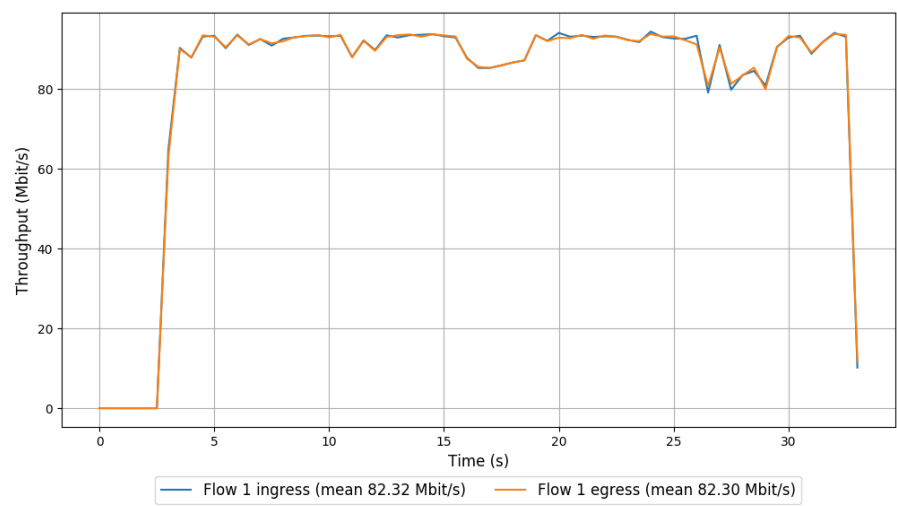
-- Flow 1:

Average throughput: 82.30 Mbit/s

95th percentile per-packet one-way delay: 12.944 ms

Loss rate: 0.03%

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



Run 5: Statistics of TaoVA-100x

Start at: Thu, 29 Jun 2017 20:10:06 +0000

End at: Thu, 29 Jun 2017 20:10:36 +0000

Local clock offset: 0.135 ms

Remote clock offset: -15.652 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:47:50 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 83.65 Mbit/s

95th percentile per-packet one-way delay: 13.799 ms

Loss rate: 0.00%

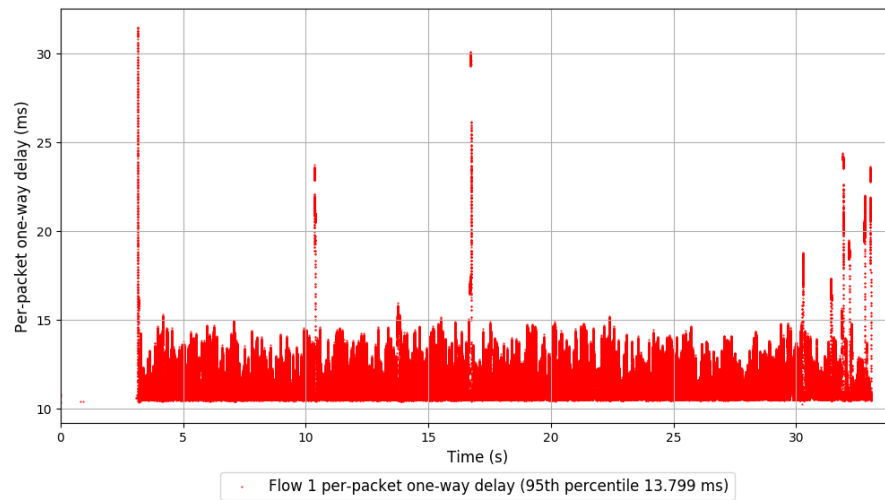
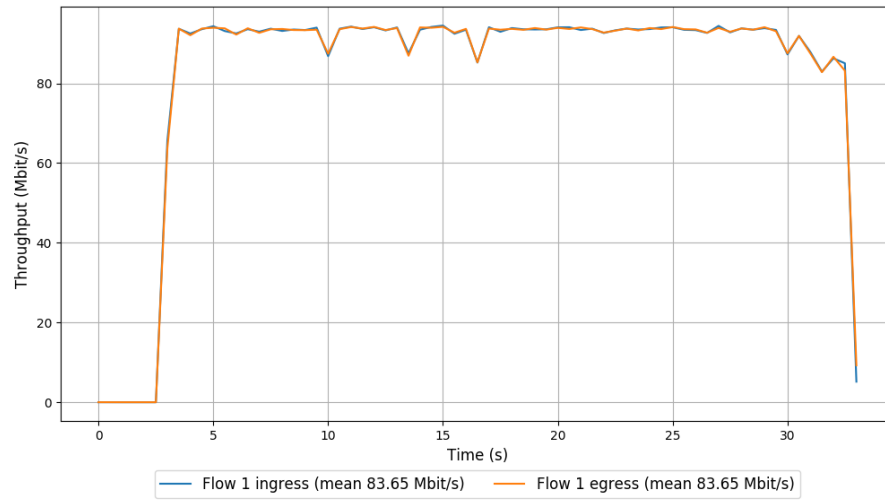
-- Flow 1:

Average throughput: 83.65 Mbit/s

95th percentile per-packet one-way delay: 13.799 ms

Loss rate: 0.00%

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



Run 6: Statistics of TaoVA-100x

Start at: Thu, 29 Jun 2017 20:28:18 +0000

End at: Thu, 29 Jun 2017 20:28:48 +0000

Local clock offset: -0.094 ms

Remote clock offset: -18.735 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:47:52 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 81.98 Mbit/s

95th percentile per-packet one-way delay: 14.868 ms

Loss rate: 0.00%

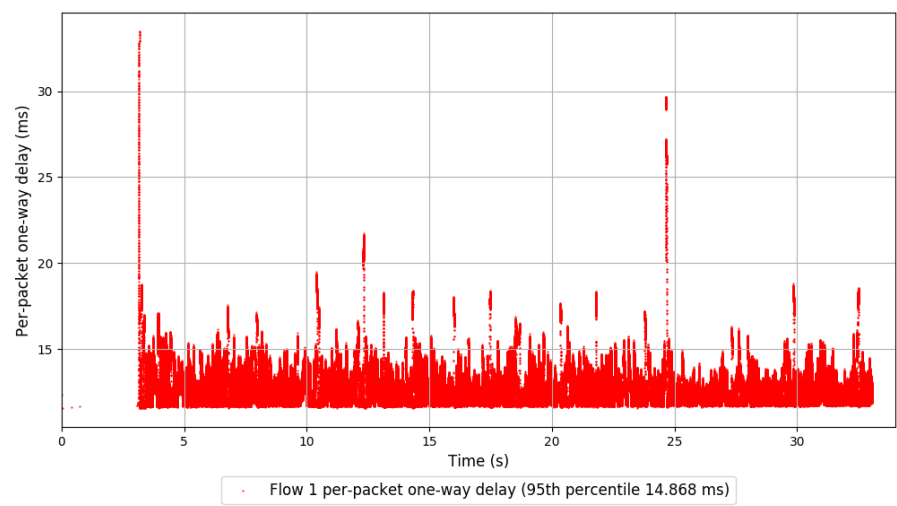
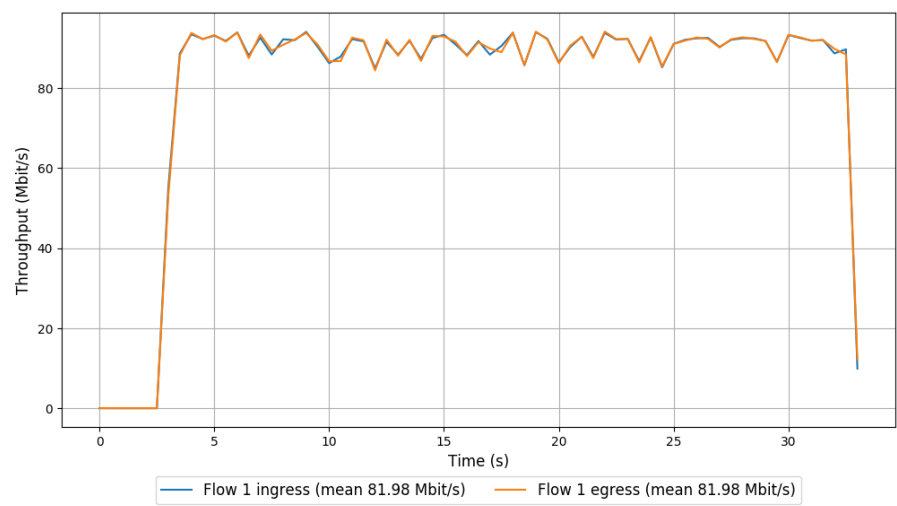
-- Flow 1:

Average throughput: 81.98 Mbit/s

95th percentile per-packet one-way delay: 14.868 ms

Loss rate: 0.00%

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



Run 7: Statistics of TaoVA-100x

Start at: Thu, 29 Jun 2017 20:46:42 +0000

End at: Thu, 29 Jun 2017 20:47:12 +0000

Local clock offset: 2.659 ms

Remote clock offset: -17.632 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:48:13 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 82.35 Mbit/s

95th percentile per-packet one-way delay: 15.995 ms

Loss rate: 0.00%

-- Flow 1:

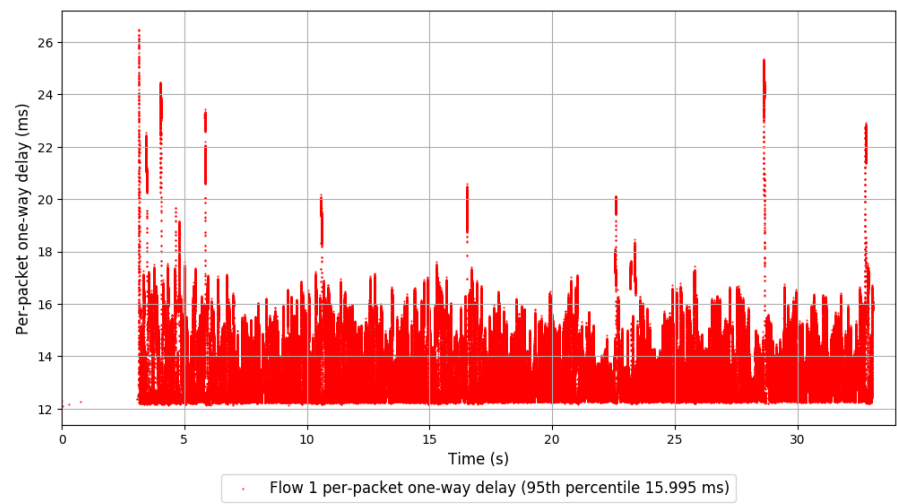
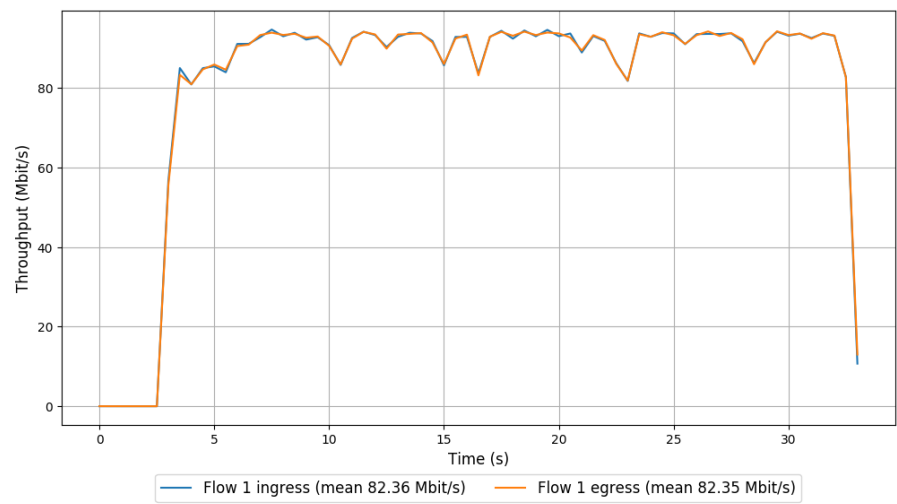
Average throughput: 82.35 Mbit/s

95th percentile per-packet one-way delay: 15.995 ms

Loss rate: 0.00%



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



Run 8: Statistics of TaoVA-100x

Start at: Thu, 29 Jun 2017 21:04:30 +0000

End at: Thu, 29 Jun 2017 21:05:00 +0000

Local clock offset: 0.607 ms

Remote clock offset: -17.201 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:48:14 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 84.02 Mbit/s

95th percentile per-packet one-way delay: 15.908 ms

Loss rate: 0.00%

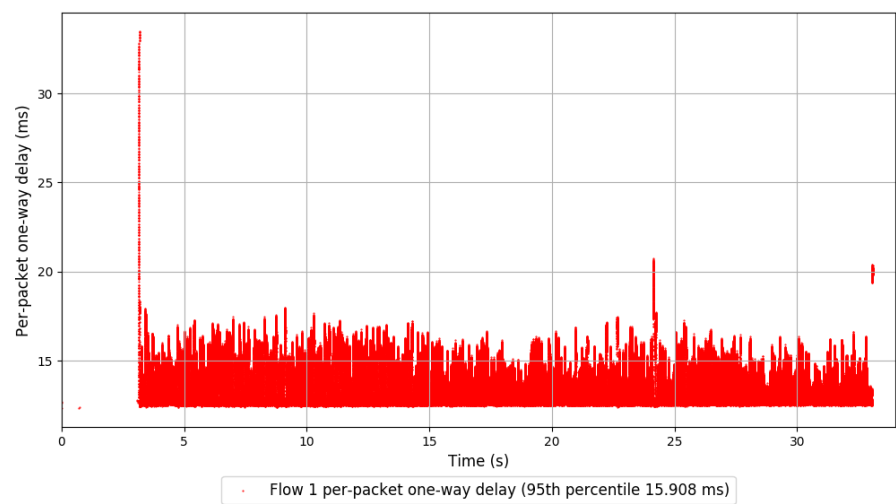
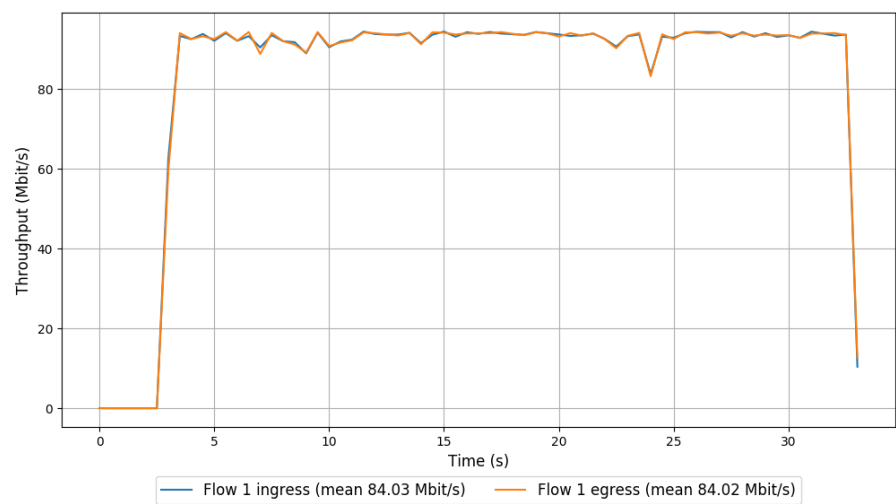
-- Flow 1:

Average throughput: 84.02 Mbit/s

95th percentile per-packet one-way delay: 15.908 ms

Loss rate: 0.00%

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



Run 9: Statistics of TaoVA-100x

Start at: Thu, 29 Jun 2017 21:22:19 +0000

End at: Thu, 29 Jun 2017 21:22:49 +0000

Local clock offset: -0.321 ms

Remote clock offset: -18.577 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:48:35 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 83.05 Mbit/s

95th percentile per-packet one-way delay: 17.343 ms

Loss rate: 0.00%

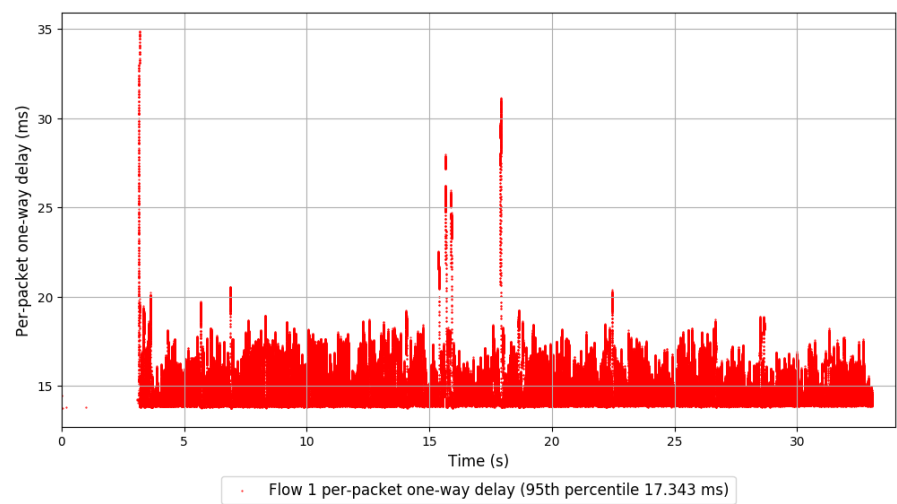
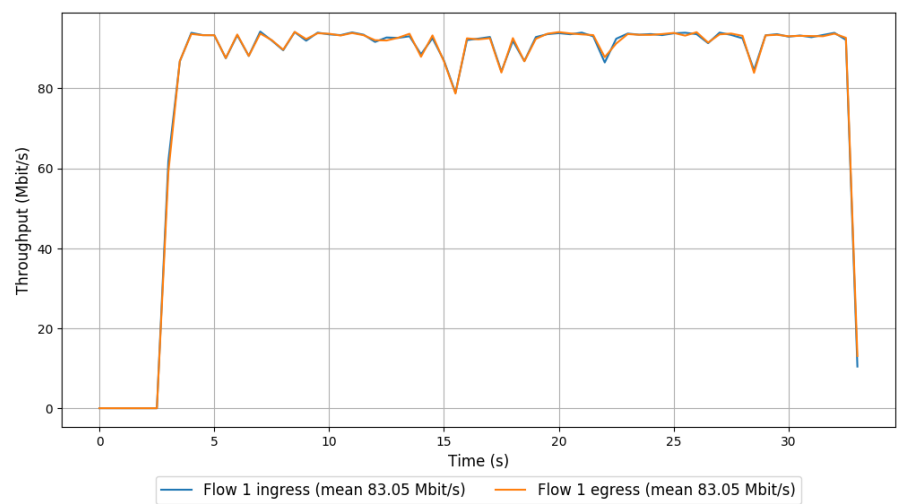
-- Flow 1:

Average throughput: 83.05 Mbit/s

95th percentile per-packet one-way delay: 17.343 ms

Loss rate: 0.00%

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



Run 10: Statistics of TaoVA-100x

Start at: Thu, 29 Jun 2017 21:40:42 +0000

End at: Thu, 29 Jun 2017 21:41:12 +0000

Local clock offset: 2.937 ms

Remote clock offset: -23.179 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:48:36 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 83.31 Mbit/s

95th percentile per-packet one-way delay: 18.854 ms

Loss rate: 0.00%

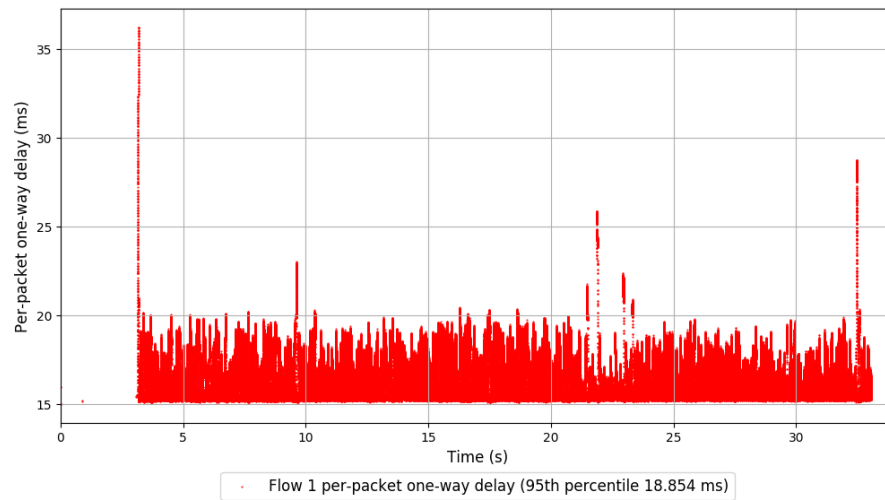
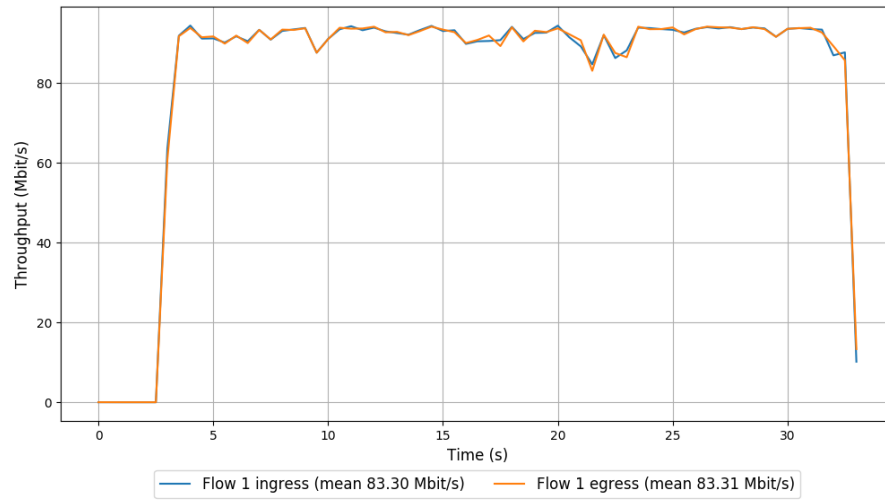
-- Flow 1:

Average throughput: 83.31 Mbit/s

95th percentile per-packet one-way delay: 18.854 ms

Loss rate: 0.00%

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



Run 1: Statistics of TCP Vegas

Start at: Thu, 29 Jun 2017 19:10:40 +0000

End at: Thu, 29 Jun 2017 19:11:10 +0000

Local clock offset: -0.047 ms

Remote clock offset: -16.756 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:48:48 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 87.21 Mbit/s

95th percentile per-packet one-way delay: 14.024 ms

Loss rate: 0.40%

-- Flow 1:

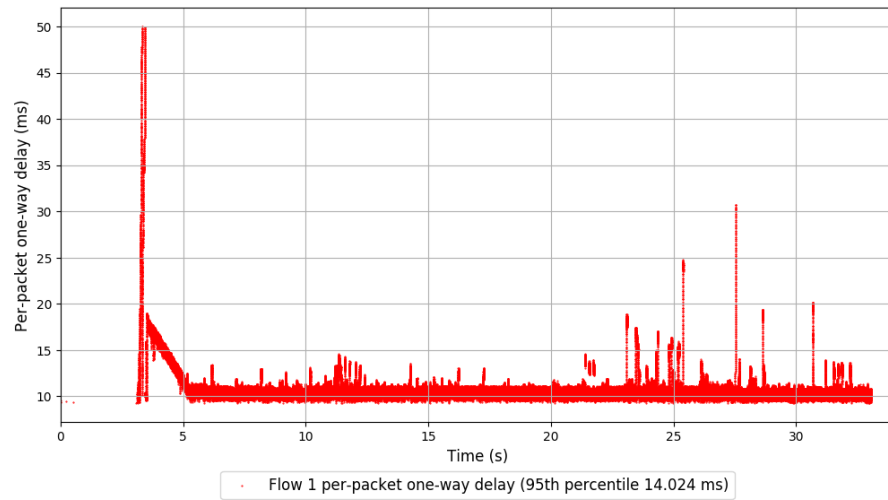
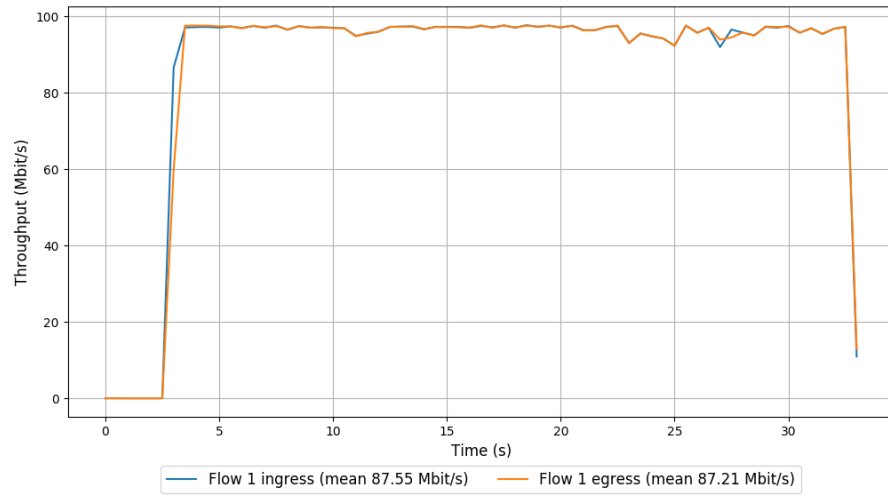
Average throughput: 87.21 Mbit/s

95th percentile per-packet one-way delay: 14.024 ms

Loss rate: 0.40%



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



Run 2: Statistics of TCP Vegas

Start at: Thu, 29 Jun 2017 19:28:44 +0000

End at: Thu, 29 Jun 2017 19:29:14 +0000

Local clock offset: 1.311 ms

Remote clock offset: -16.235 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:48:49 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 86.91 Mbit/s

95th percentile per-packet one-way delay: 18.642 ms

Loss rate: 0.18%

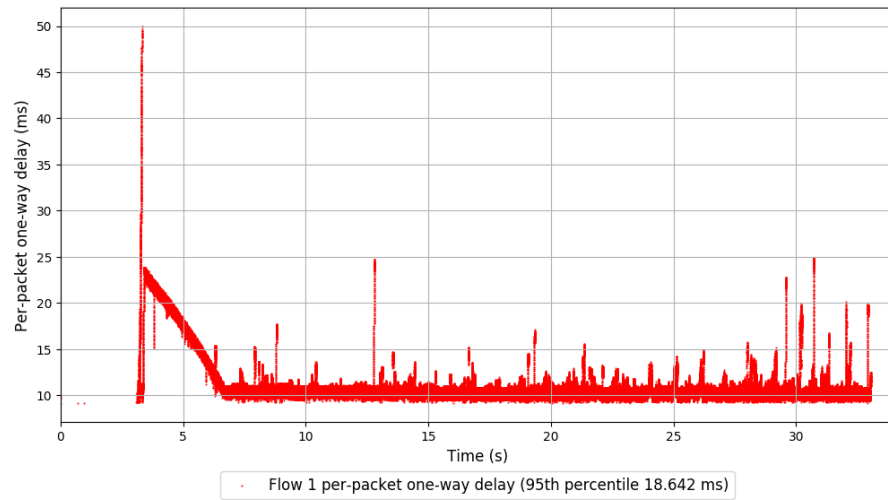
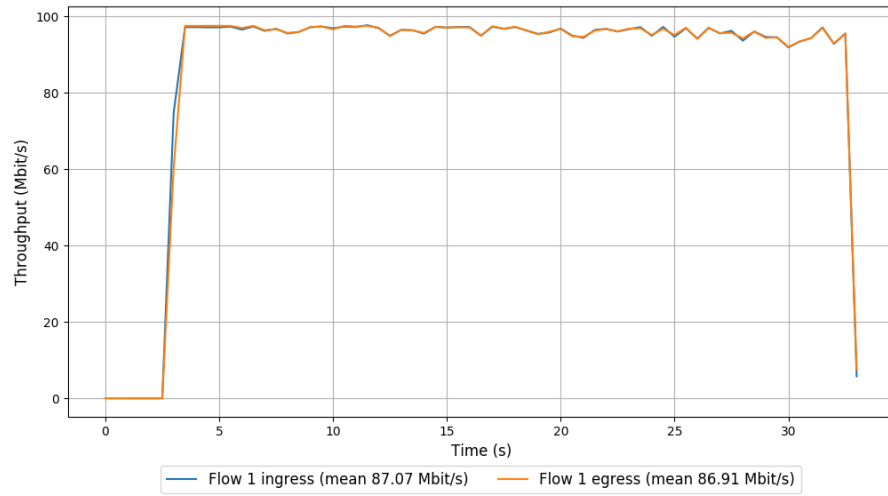
-- Flow 1:

Average throughput: 86.91 Mbit/s

95th percentile per-packet one-way delay: 18.642 ms

Loss rate: 0.18%

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



Run 3: Statistics of TCP Vegas

Start at: Thu, 29 Jun 2017 19:46:57 +0000

End at: Thu, 29 Jun 2017 19:47:27 +0000

Local clock offset: 1.904 ms

Remote clock offset: -15.965 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 87.32 Mbit/s

95th percentile per-packet one-way delay: 18.768 ms

Loss rate: 0.17%

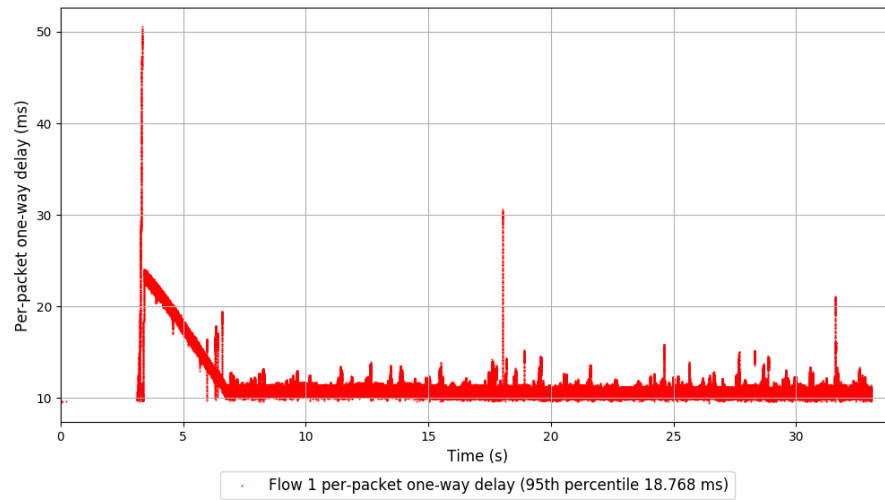
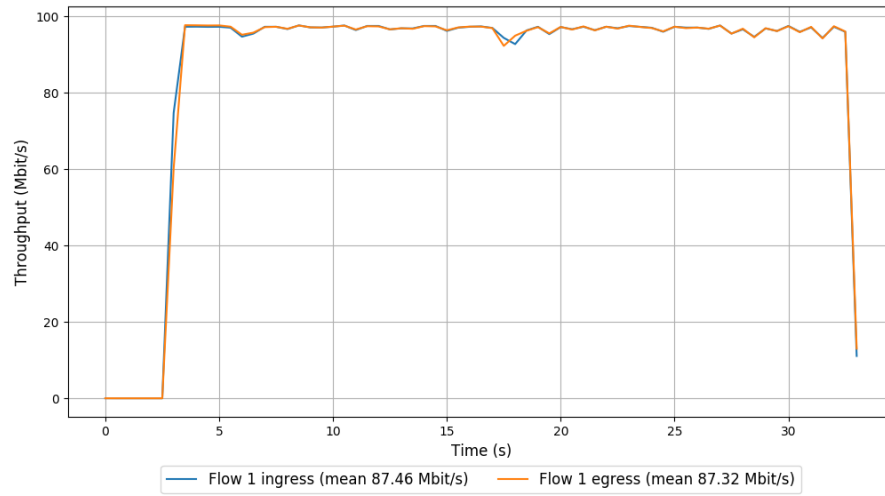
-- Flow 1:

Average throughput: 87.32 Mbit/s

95th percentile per-packet one-way delay: 18.768 ms

Loss rate: 0.17%

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



Run 4: Statistics of TCP Vegas

Start at: Thu, 29 Jun 2017 20:05:13 +0000

End at: Thu, 29 Jun 2017 20:05:43 +0000

Local clock offset: -0.365 ms

Remote clock offset: -16.604 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 85.69 Mbit/s

95th percentile per-packet one-way delay: 13.539 ms

Loss rate: 0.00%

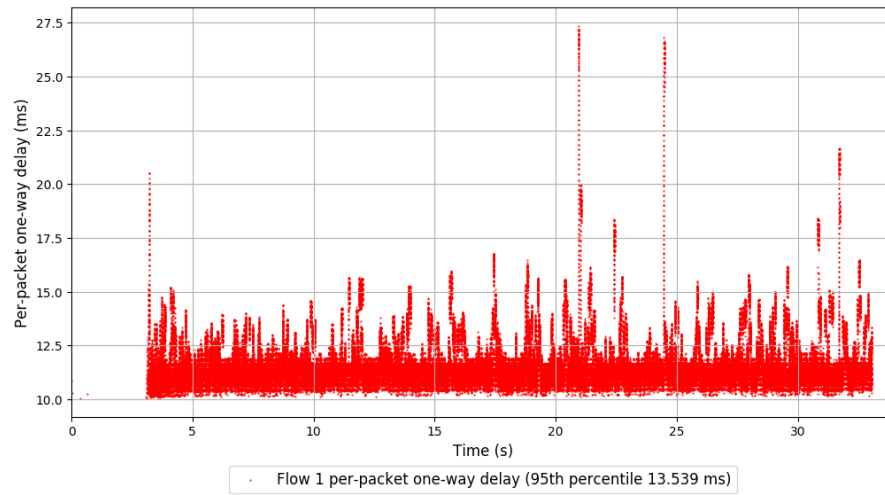
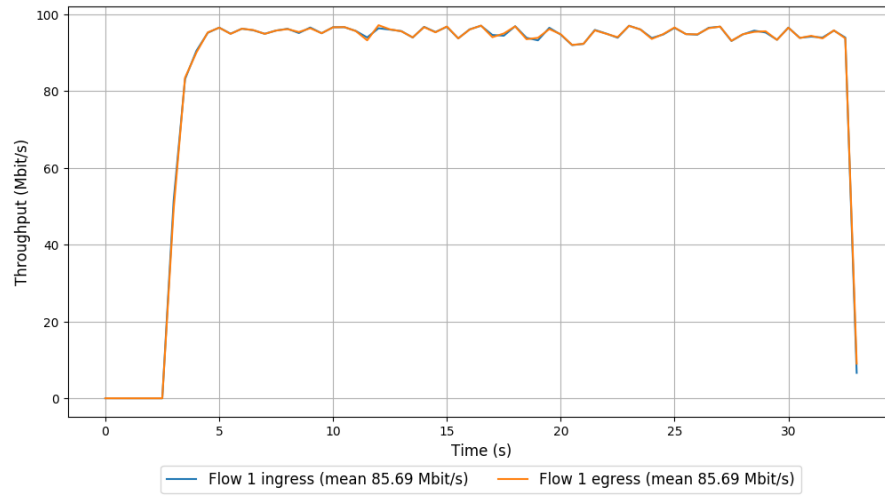
-- Flow 1:

Average throughput: 85.69 Mbit/s

95th percentile per-packet one-way delay: 13.539 ms

Loss rate: 0.00%

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



Run 5: Statistics of TCP Vegas

Start at: Thu, 29 Jun 2017 20:23:27 +0000

End at: Thu, 29 Jun 2017 20:23:57 +0000

Local clock offset: 0.694 ms

Remote clock offset: -16.433 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:49:13 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 87.31 Mbit/s

95th percentile per-packet one-way delay: 20.702 ms

Loss rate: 0.17%

-- Flow 1:

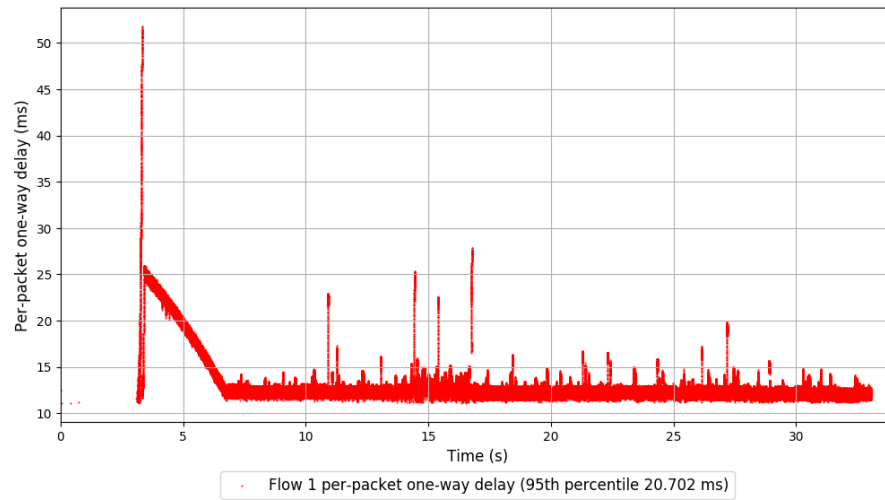
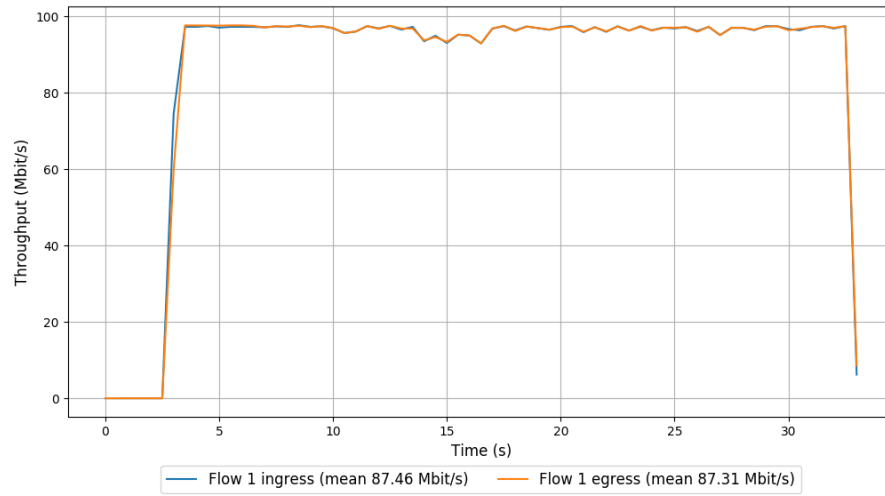
Average throughput: 87.31 Mbit/s

95th percentile per-packet one-way delay: 20.702 ms

Loss rate: 0.17%



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



Run 6: Statistics of TCP Vegas

Start at: Thu, 29 Jun 2017 20:41:34 +0000

End at: Thu, 29 Jun 2017 20:42:04 +0000

Local clock offset: 0.252 ms

Remote clock offset: -17.436 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:49:14 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 86.96 Mbit/s

95th percentile per-packet one-way delay: 20.689 ms

Loss rate: 0.16%

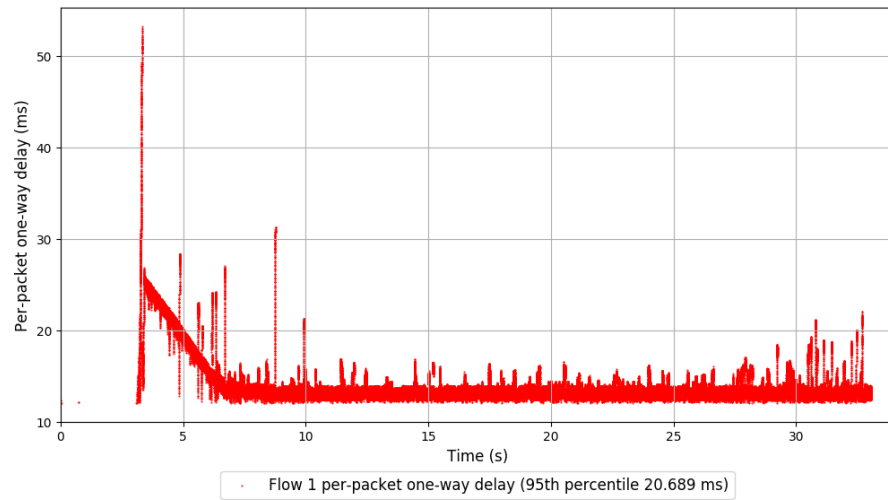
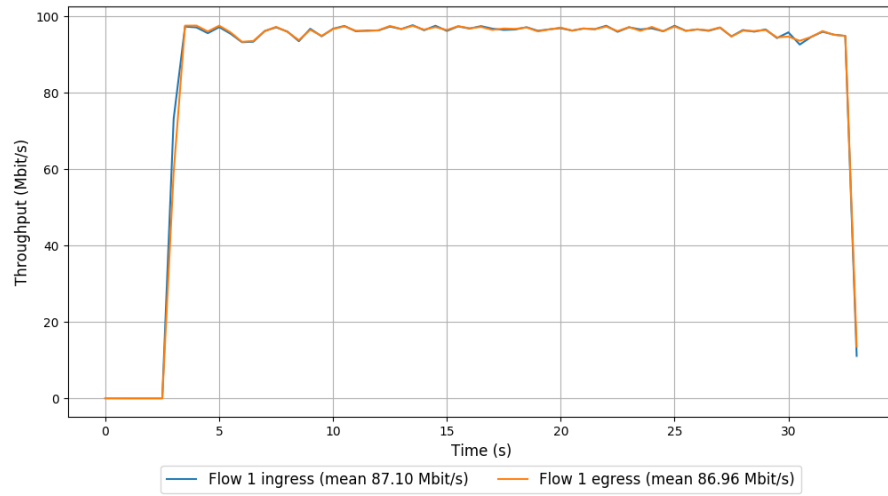
-- Flow 1:

Average throughput: 86.96 Mbit/s

95th percentile per-packet one-way delay: 20.689 ms

Loss rate: 0.16%

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



Run 7: Statistics of TCP Vegas

Start at: Thu, 29 Jun 2017 20:59:41 +0000

End at: Thu, 29 Jun 2017 21:00:11 +0000

Local clock offset: 0.408 ms

Remote clock offset: -19.376 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:49:25 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 83.45 Mbit/s

95th percentile per-packet one-way delay: 22.484 ms

Loss rate: 0.19%

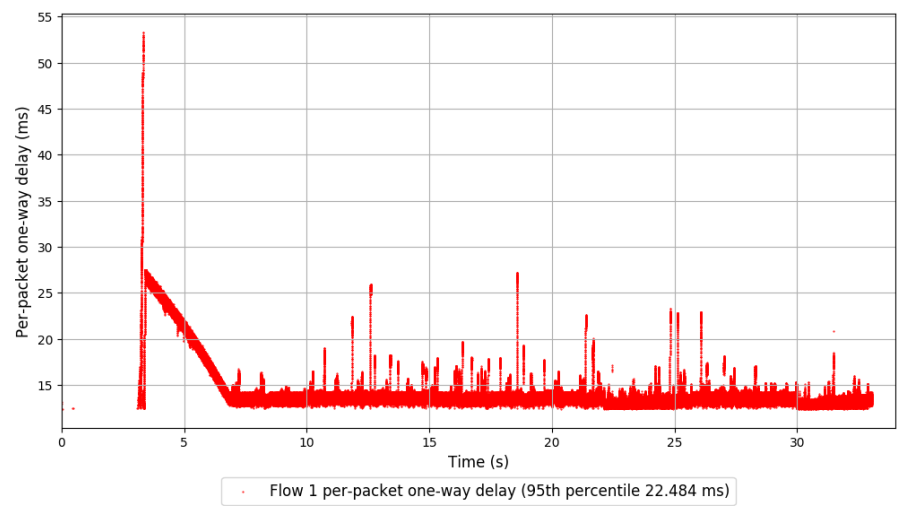
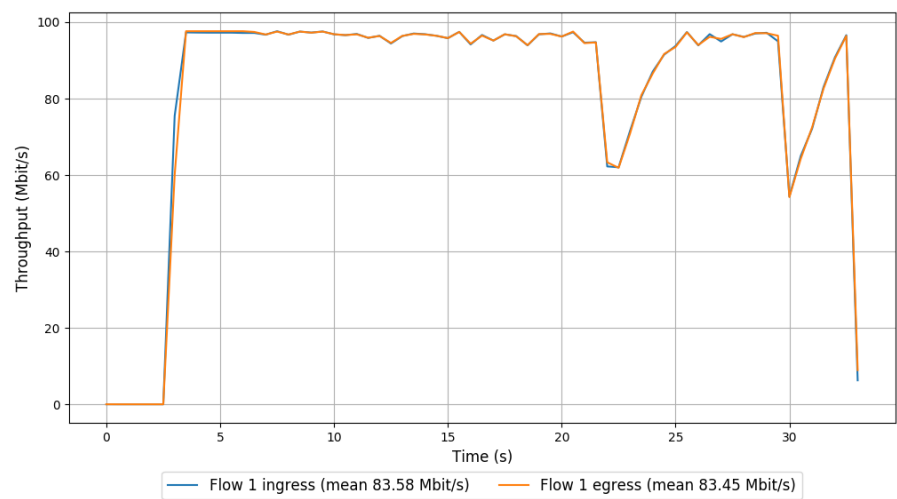
-- Flow 1:

Average throughput: 83.45 Mbit/s

95th percentile per-packet one-way delay: 22.484 ms

Loss rate: 0.19%

Run 7: Report of TCP Vegas — Data Link



Run 8: Statistics of TCP Vegas

Start at: Thu, 29 Jun 2017 21:17:31 +0000

End at: Thu, 29 Jun 2017 21:18:01 +0000

Local clock offset: 2.465 ms

Remote clock offset: -19.164 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:49:27 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 85.85 Mbit/s

95th percentile per-packet one-way delay: 22.581 ms

Loss rate: 0.18%

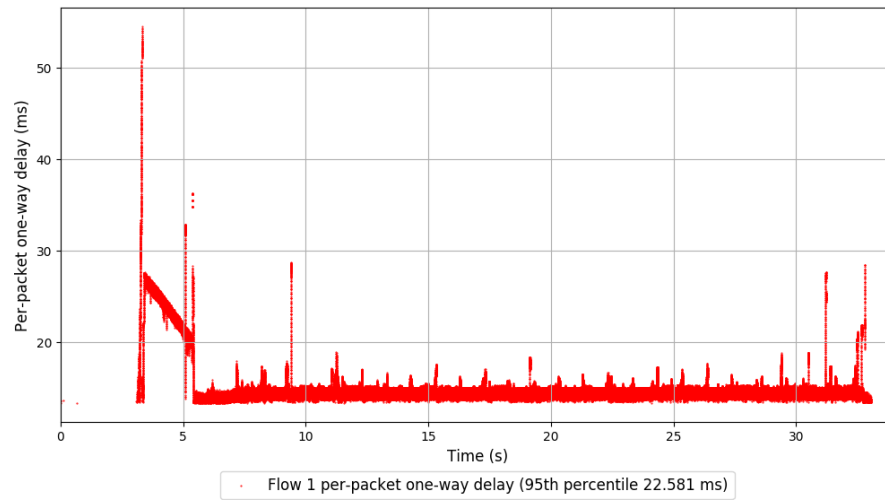
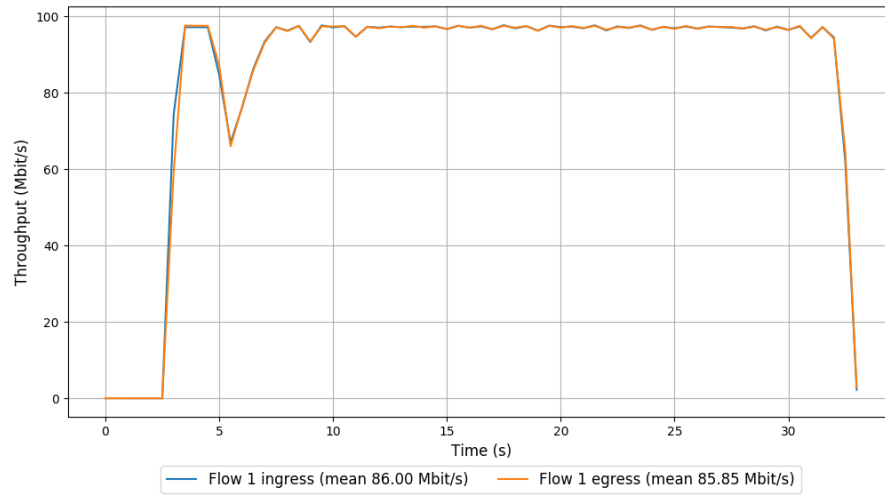
-- Flow 1:

Average throughput: 85.85 Mbit/s

95th percentile per-packet one-way delay: 22.581 ms

Loss rate: 0.18%

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



Run 9: Statistics of TCP Vegas

Start at: Thu, 29 Jun 2017 21:35:59 +0000

End at: Thu, 29 Jun 2017 21:36:29 +0000

Local clock offset: -0.087 ms

Remote clock offset: -20.407 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:49:37 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 81.27 Mbit/s

95th percentile per-packet one-way delay: 24.372 ms

Loss rate: 0.00%

-- Flow 1:

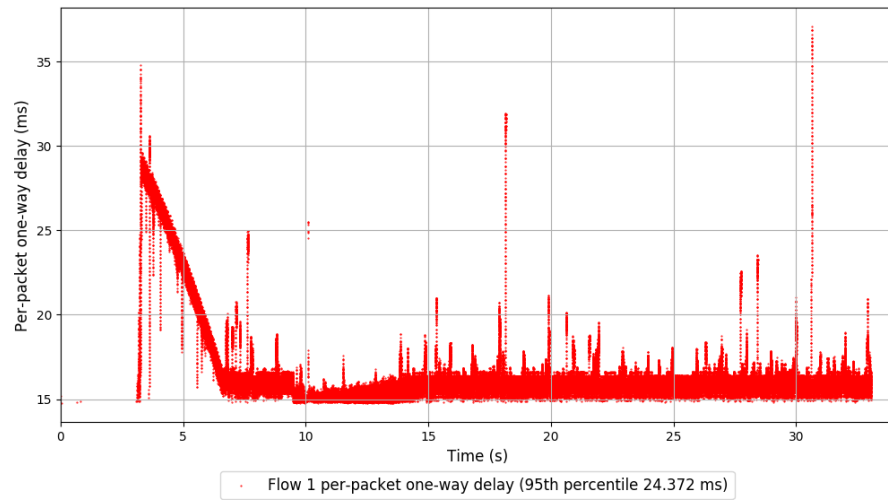
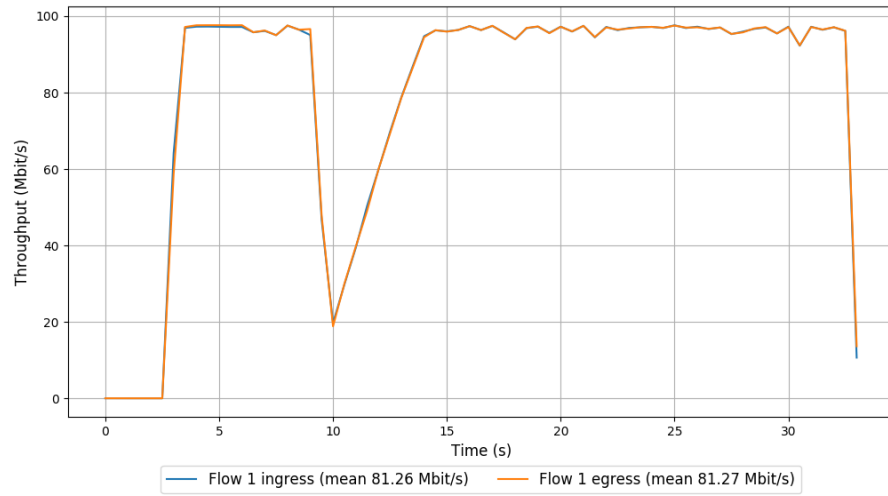
Average throughput: 81.27 Mbit/s

95th percentile per-packet one-way delay: 24.372 ms

Loss rate: 0.00%



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



Run 10: Statistics of TCP Vegas

Start at: Thu, 29 Jun 2017 21:53:59 +0000

End at: Thu, 29 Jun 2017 21:54:29 +0000

Local clock offset: -0.305 ms

Remote clock offset: -21.621 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:49:38 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 81.10 Mbit/s

95th percentile per-packet one-way delay: 24.006 ms

Loss rate: 0.19%

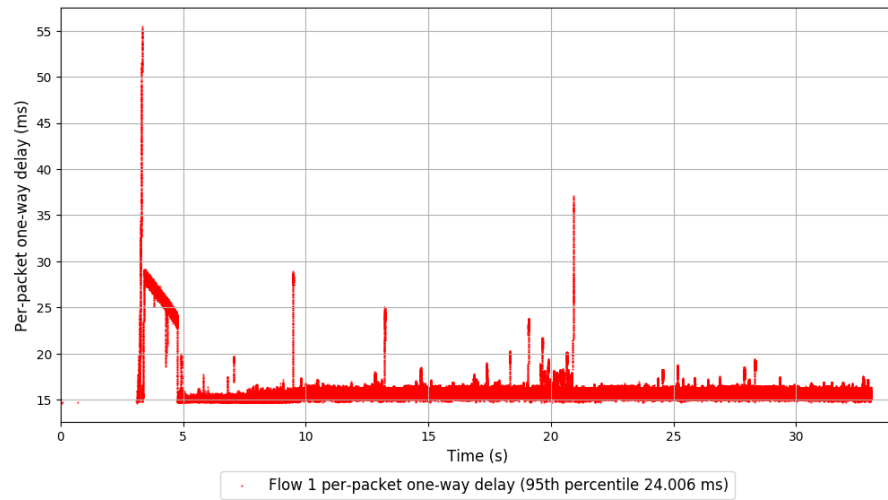
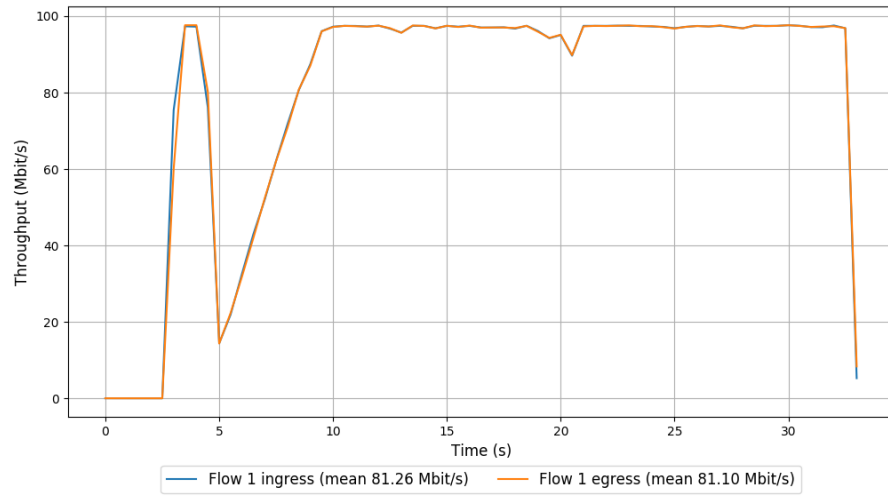
-- Flow 1:

Average throughput: 81.10 Mbit/s

95th percentile per-packet one-way delay: 24.006 ms

Loss rate: 0.19%

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



Run 1: Statistics of Verus

Start at: Thu, 29 Jun 2017 19:09:21 +0000

End at: Thu, 29 Jun 2017 19:09:51 +0000

Local clock offset: 1.717 ms

Remote clock offset: -15.354 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:49:48 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 73.33 Mbit/s

95th percentile per-packet one-way delay: 44.447 ms

Loss rate: 17.64%

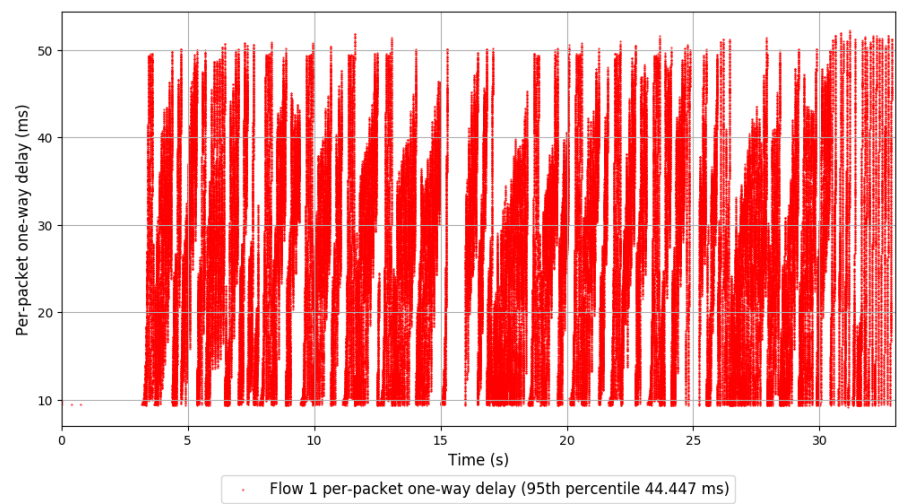
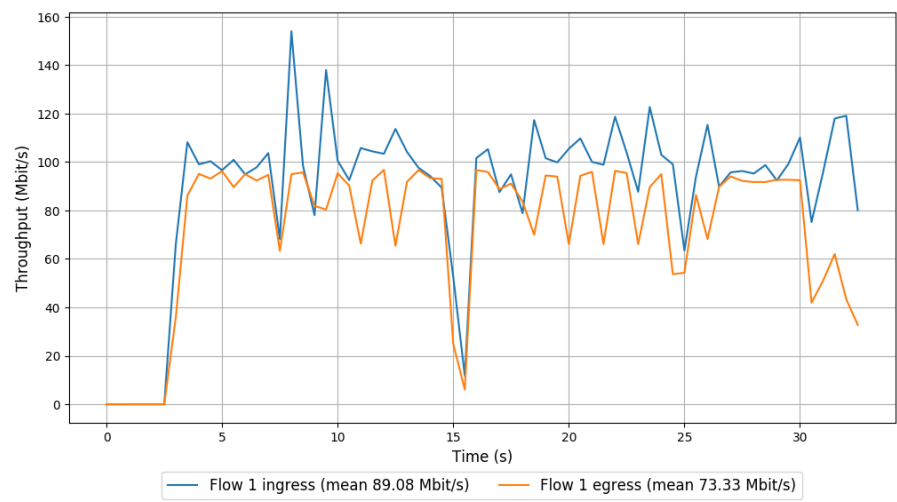
-- Flow 1:

Average throughput: 73.33 Mbit/s

95th percentile per-packet one-way delay: 44.447 ms

Loss rate: 17.64%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: Thu, 29 Jun 2017 19:27:28 +0000

End at: Thu, 29 Jun 2017 19:27:59 +0000

Local clock offset: 2.315 ms

Remote clock offset: -17.373 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 64.98 Mbit/s

95th percentile per-packet one-way delay: 41.450 ms

Loss rate: 13.61%

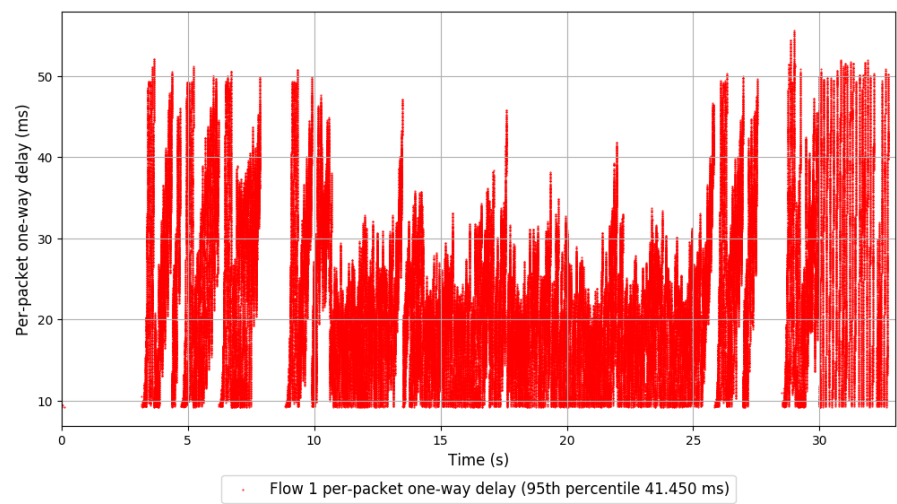
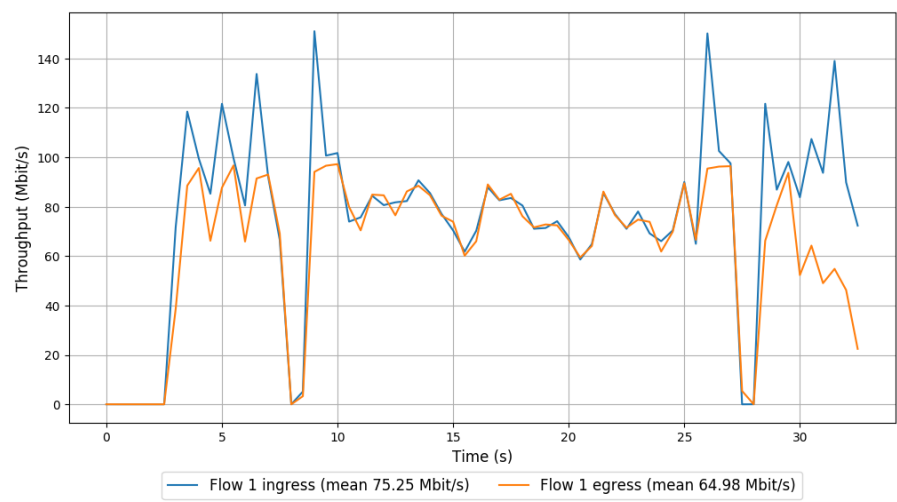
-- Flow 1:

Average throughput: 64.98 Mbit/s

95th percentile per-packet one-way delay: 41.450 ms

Loss rate: 13.61%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: Thu, 29 Jun 2017 19:45:41 +0000

End at: Thu, 29 Jun 2017 19:46:11 +0000

Local clock offset: 1.452 ms

Remote clock offset: -16.113 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:49:59 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 73.73 Mbit/s

95th percentile per-packet one-way delay: 44.076 ms

Loss rate: 11.12%

-- Flow 1:

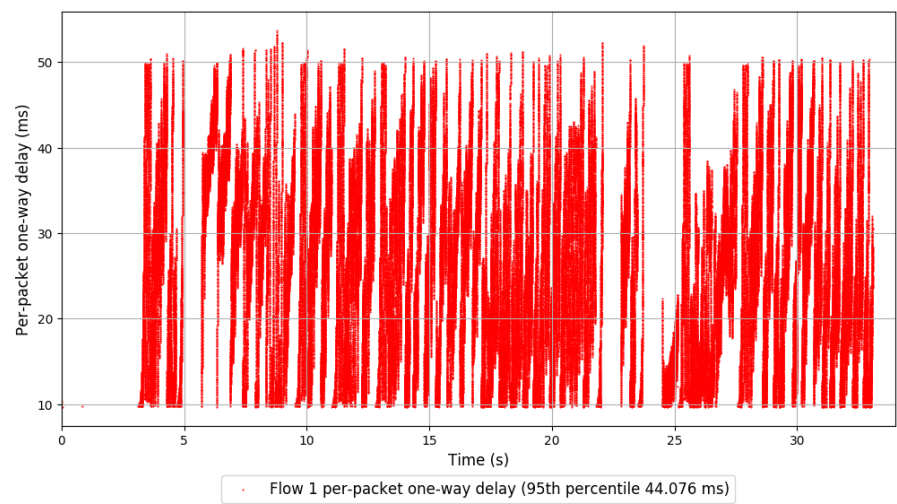
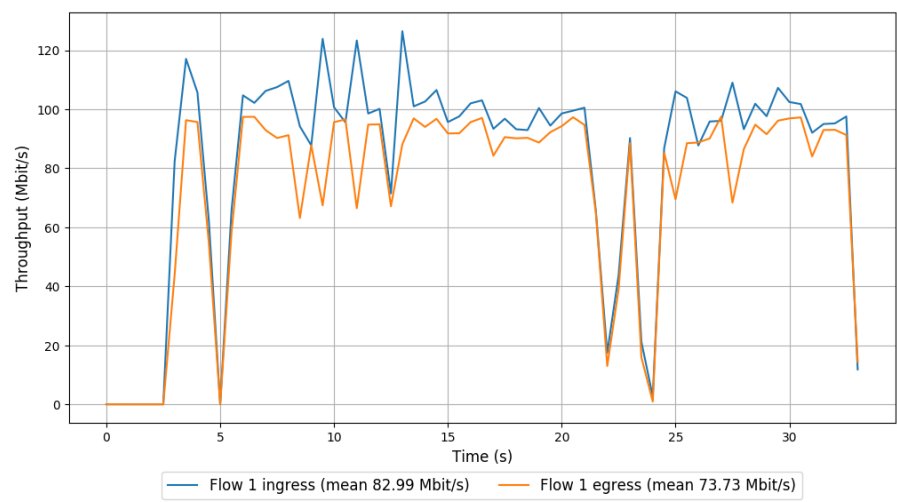
Average throughput: 73.73 Mbit/s

95th percentile per-packet one-way delay: 44.076 ms

Loss rate: 11.12%



Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: Thu, 29 Jun 2017 20:03:58 +0000

End at: Thu, 29 Jun 2017 20:04:28 +0000

Local clock offset: 0.567 ms

Remote clock offset: -17.451 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:50:00 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 71.99 Mbit/s

95th percentile per-packet one-way delay: 44.734 ms

Loss rate: 17.73%

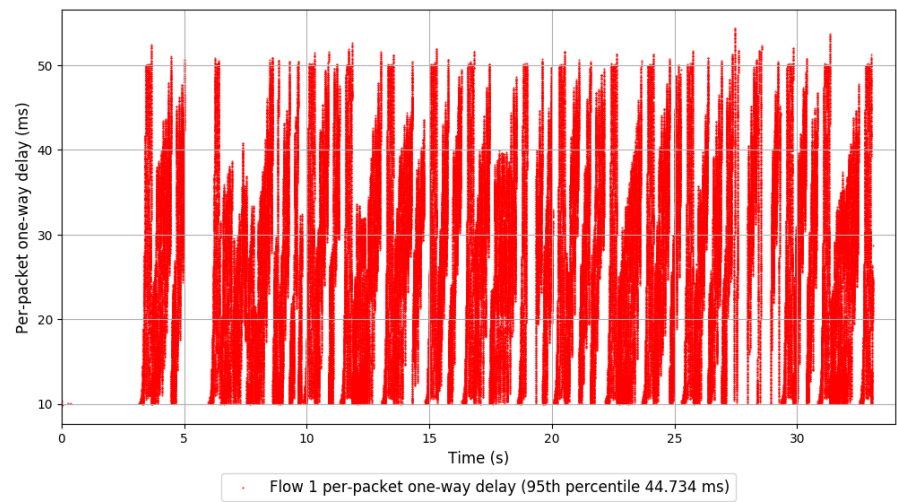
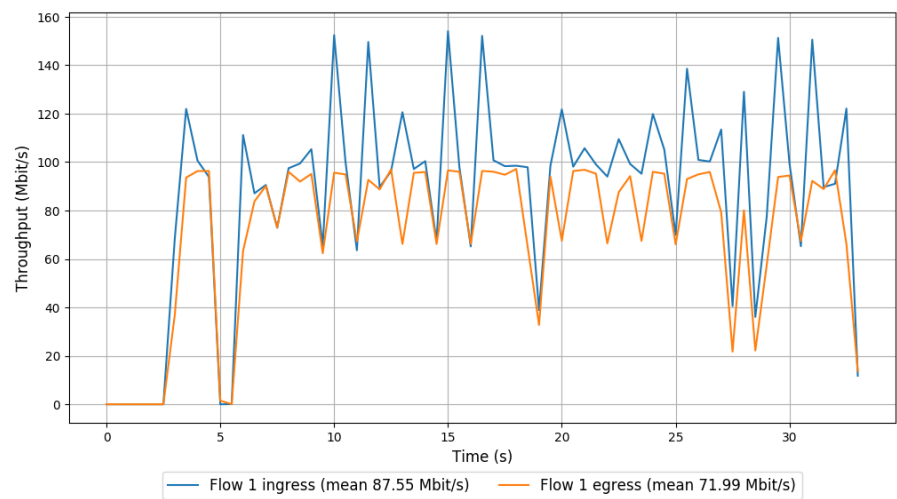
-- Flow 1:

Average throughput: 71.99 Mbit/s

95th percentile per-packet one-way delay: 44.734 ms

Loss rate: 17.73%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: Thu, 29 Jun 2017 20:22:15 +0000

End at: Thu, 29 Jun 2017 20:22:45 +0000

Local clock offset: 0.013 ms

Remote clock offset: -15.934 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:50:10 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 66.09 Mbit/s

95th percentile per-packet one-way delay: 46.104 ms

Loss rate: 20.06%

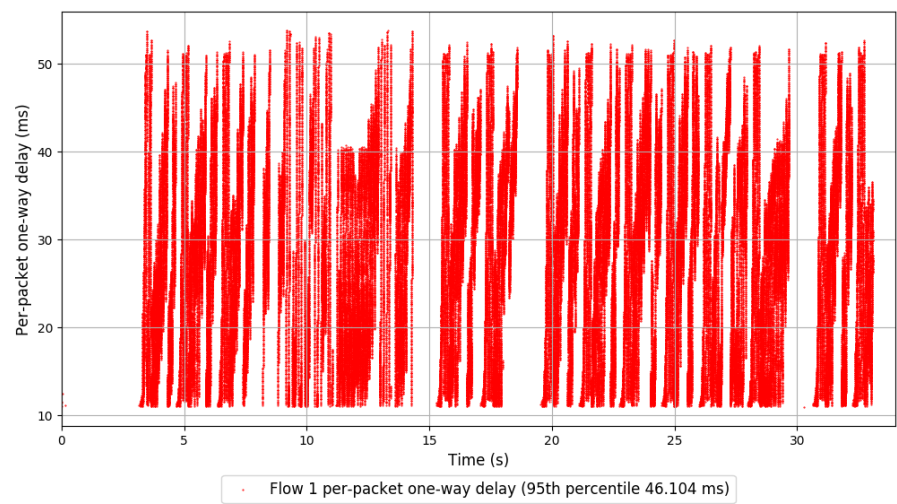
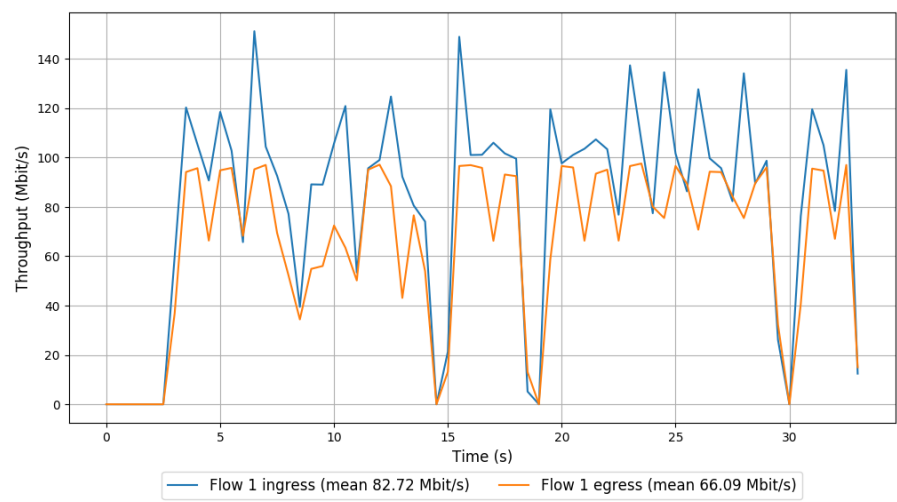
-- Flow 1:

Average throughput: 66.09 Mbit/s

95th percentile per-packet one-way delay: 46.104 ms

Loss rate: 20.06%

Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: Thu, 29 Jun 2017 20:40:13 +0000

End at: Thu, 29 Jun 2017 20:40:43 +0000

Local clock offset: 0.225 ms

Remote clock offset: -19.045 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:50:11 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 68.36 Mbit/s

95th percentile per-packet one-way delay: 47.358 ms

Loss rate: 17.44%

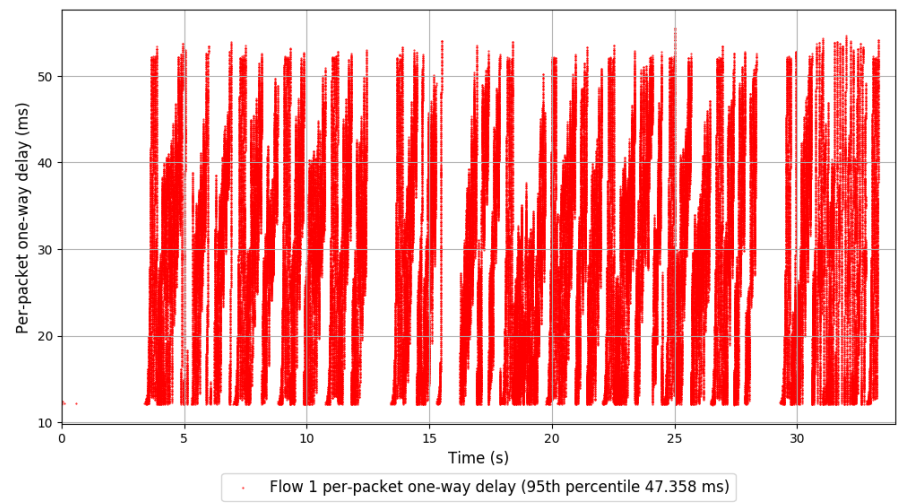
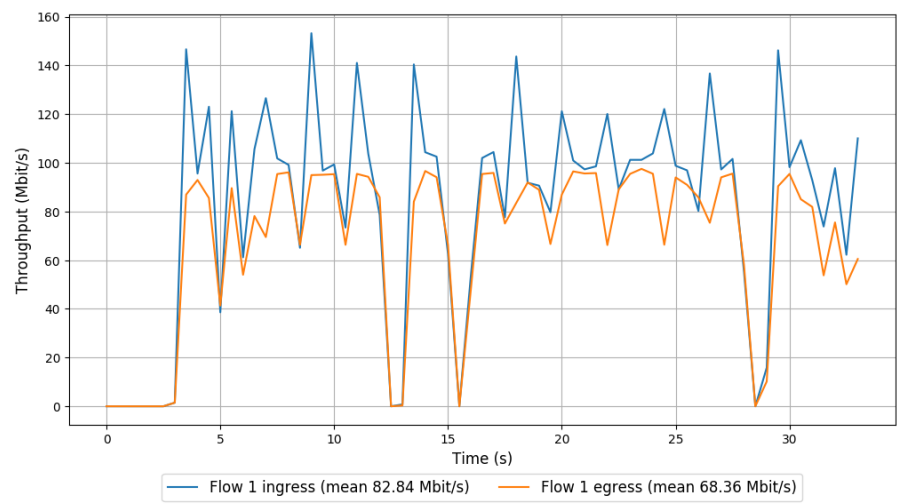
-- Flow 1:

Average throughput: 68.36 Mbit/s

95th percentile per-packet one-way delay: 47.358 ms

Loss rate: 17.44%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: Thu, 29 Jun 2017 20:58:24 +0000

End at: Thu, 29 Jun 2017 20:58:54 +0000

Local clock offset: 2.111 ms

Remote clock offset: -19.163 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 58.18 Mbit/s

95th percentile per-packet one-way delay: 48.429 ms

Loss rate: 36.11%

-- Flow 1:

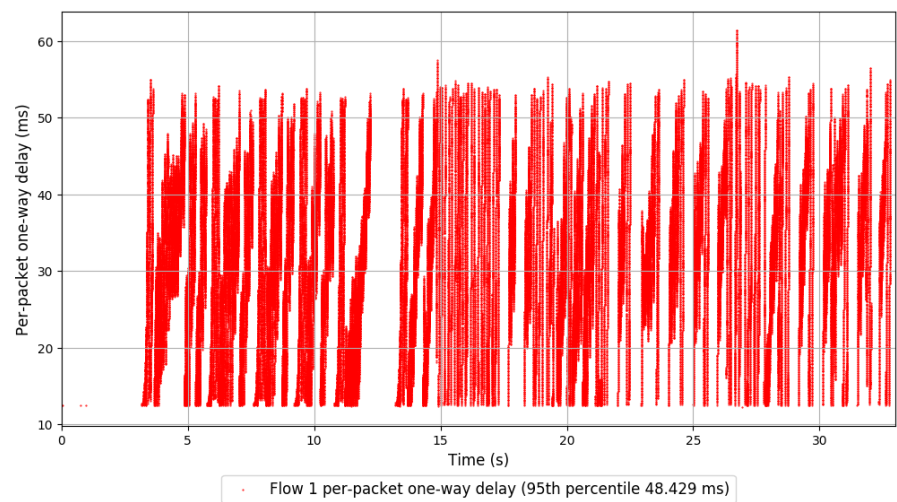
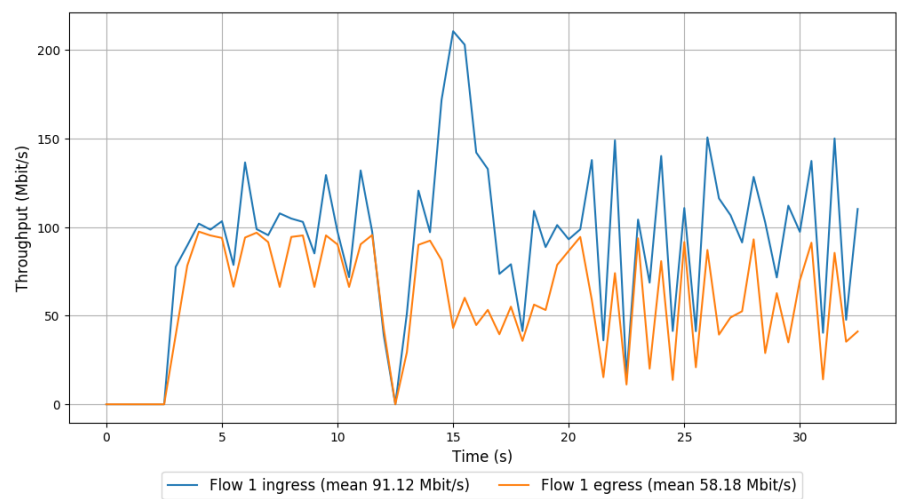
Average throughput: 58.18 Mbit/s

95th percentile per-packet one-way delay: 48.429 ms

Loss rate: 36.11%



Run 7: Report of Verus — Data Link



Run 8: Statistics of Verus

Start at: Thu, 29 Jun 2017 21:16:19 +0000

End at: Thu, 29 Jun 2017 21:16:49 +0000

Local clock offset: 1.222 ms

Remote clock offset: -19.031 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:50:22 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 64.68 Mbit/s

95th percentile per-packet one-way delay: 48.038 ms

Loss rate: 21.99%

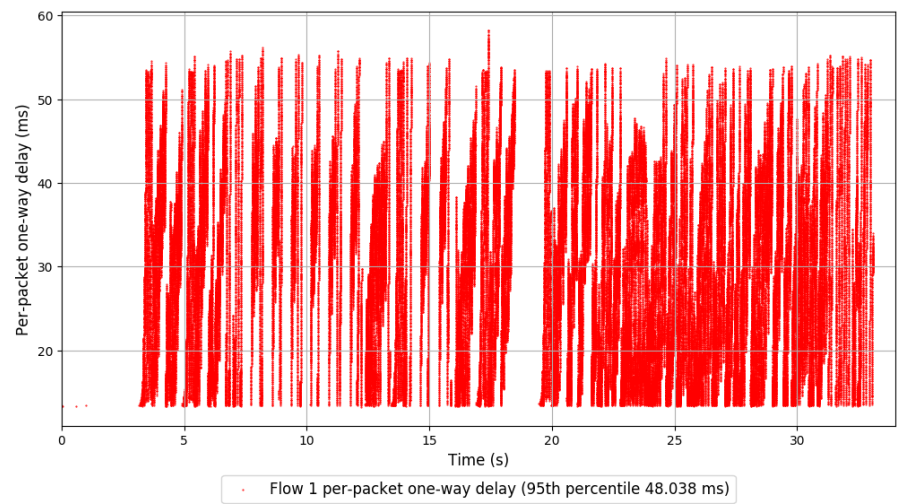
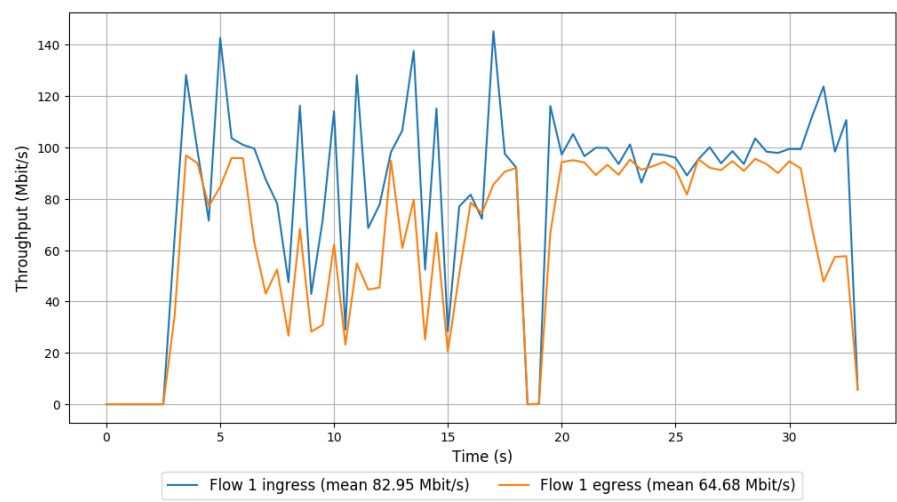
-- Flow 1:

Average throughput: 64.68 Mbit/s

95th percentile per-packet one-way delay: 48.038 ms

Loss rate: 21.99%

Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

Start at: Thu, 29 Jun 2017 21:34:37 +0000

End at: Thu, 29 Jun 2017 21:35:07 +0000

Local clock offset: 3.021 ms

Remote clock offset: -20.755 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:50:33 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 83.51 Mbit/s

95th percentile per-packet one-way delay: 48.155 ms

Loss rate: 5.04%

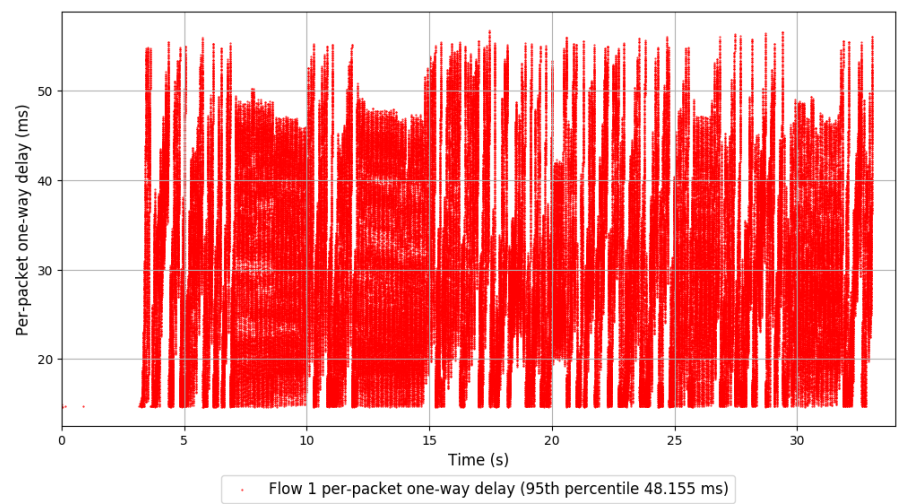
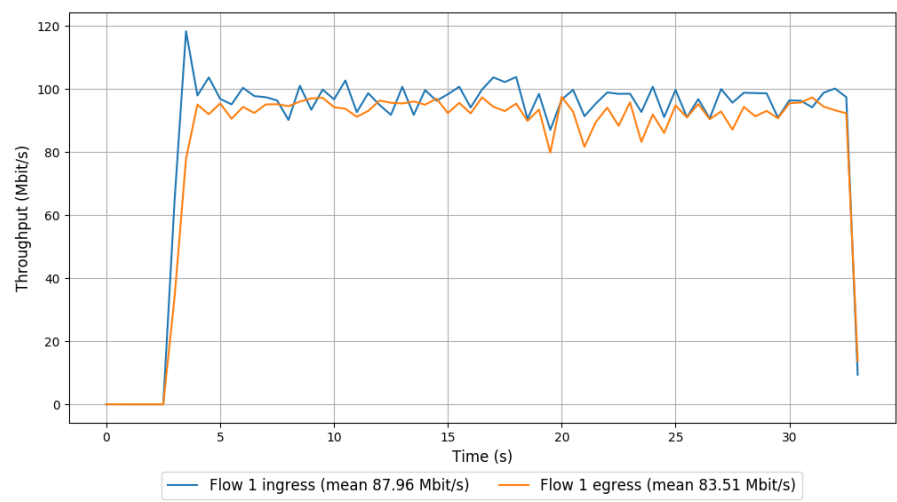
-- Flow 1:

Average throughput: 83.51 Mbit/s

95th percentile per-packet one-way delay: 48.155 ms

Loss rate: 5.04%

Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

Start at: Thu, 29 Jun 2017 21:52:42 +0000

End at: Thu, 29 Jun 2017 21:53:12 +0000

Local clock offset: 1.696 ms

Remote clock offset: -21.116 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:50:35 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 76.33 Mbit/s

95th percentile per-packet one-way delay: 49.727 ms

Loss rate: 14.49%

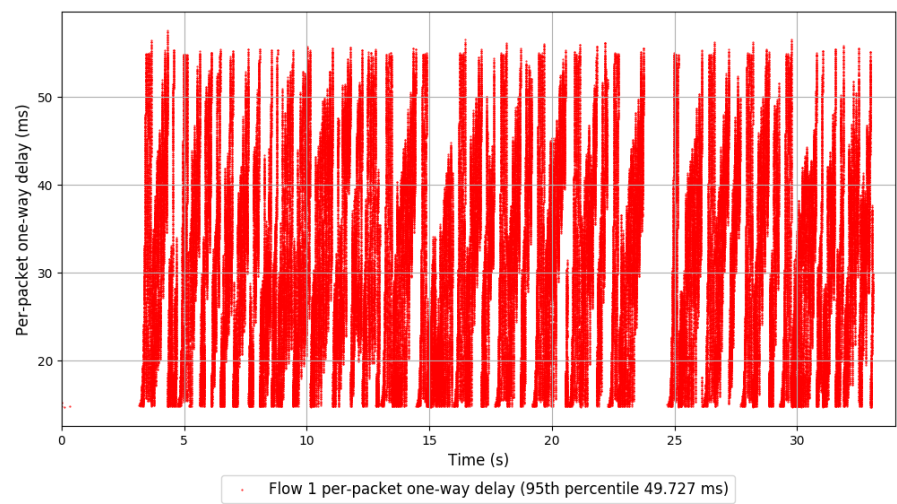
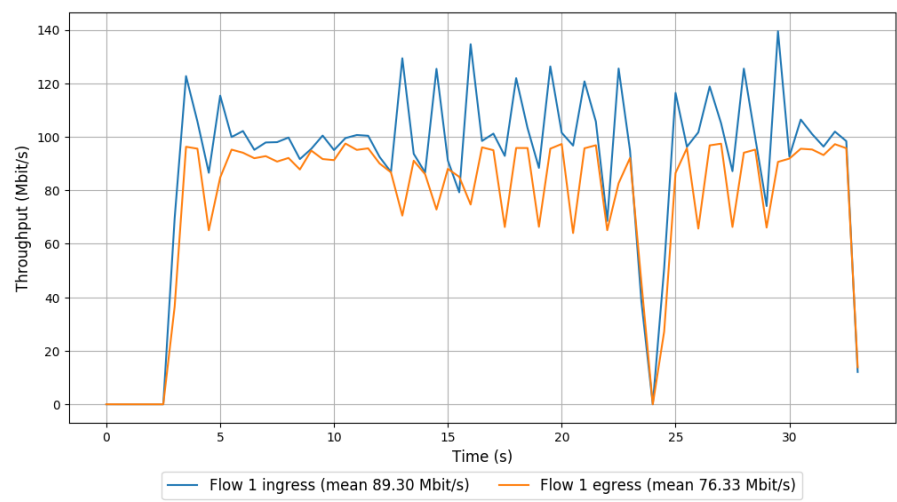
-- Flow 1:

Average throughput: 76.33 Mbit/s

95th percentile per-packet one-way delay: 49.727 ms

Loss rate: 14.49%

Run 10: Report of Verus — Data Link



Run 1: Statistics of WebRTC media

Start at: Thu, 29 Jun 2017 18:59:39 +0000

End at: Thu, 29 Jun 2017 19:00:09 +0000

Local clock offset: 1.187 ms

Remote clock offset: -16.185 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:50:35 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.32 Mbit/s

95th percentile per-packet one-way delay: 11.233 ms

Loss rate: 0.00%

-- Flow 1:

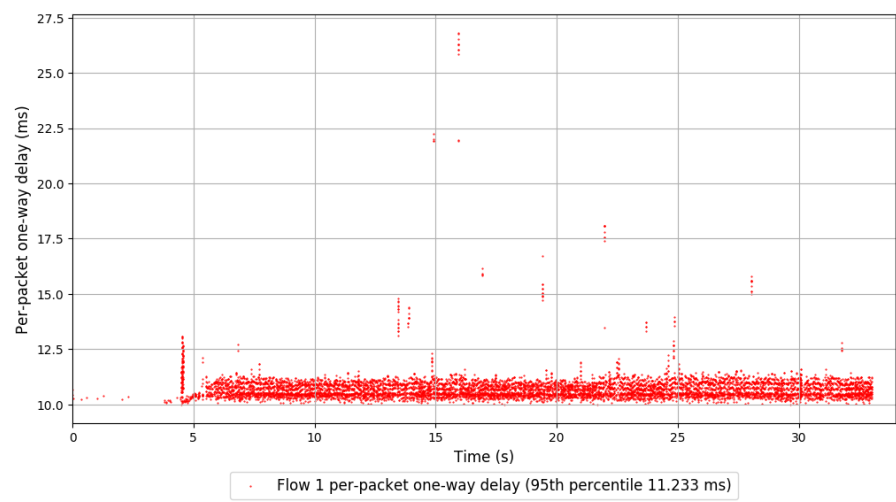
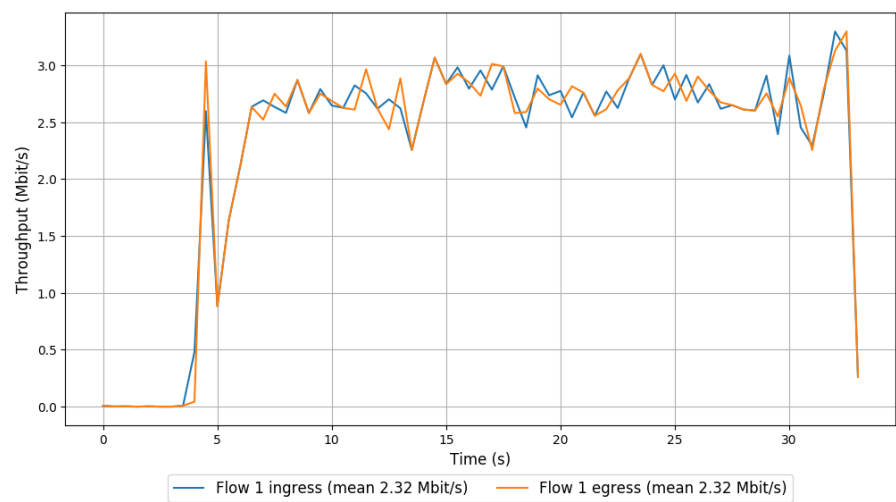
Average throughput: 2.32 Mbit/s

95th percentile per-packet one-way delay: 11.233 ms

Loss rate: 0.00%



Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: Thu, 29 Jun 2017 19:18:05 +0000

End at: Thu, 29 Jun 2017 19:18:35 +0000

Local clock offset: -1.185 ms

Remote clock offset: -16.076 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:50:35 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.30 Mbit/s

95th percentile per-packet one-way delay: 9.804 ms

Loss rate: 0.00%

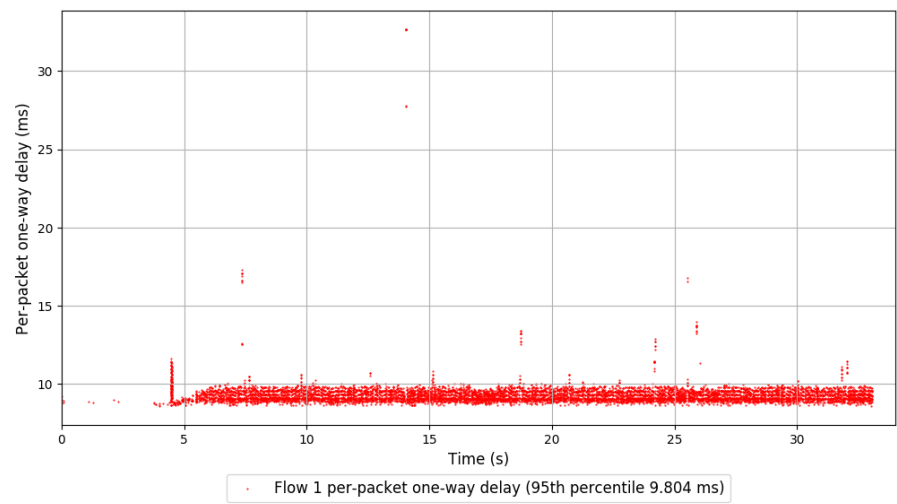
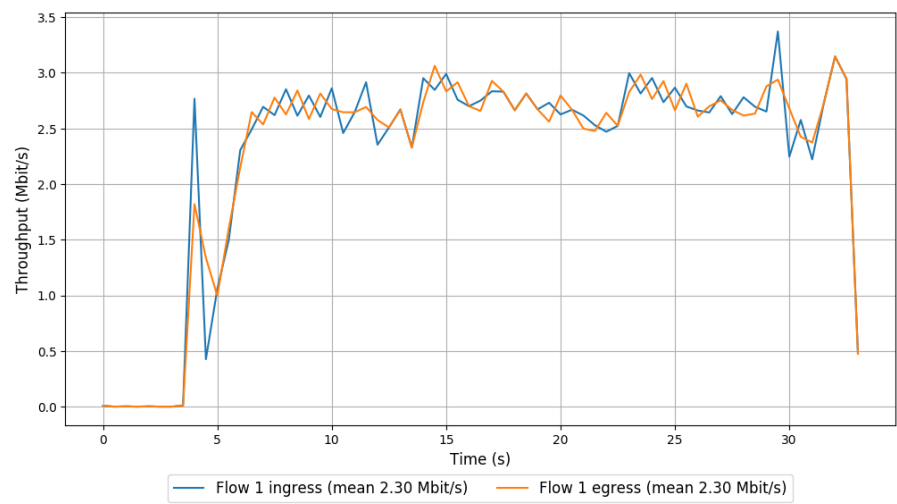
-- Flow 1:

Average throughput: 2.30 Mbit/s

95th percentile per-packet one-way delay: 9.804 ms

Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: Thu, 29 Jun 2017 19:36:10 +0000

End at: Thu, 29 Jun 2017 19:36:40 +0000

Local clock offset: 0.886 ms

Remote clock offset: -16.377 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:50:36 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.32 Mbit/s

95th percentile per-packet one-way delay: 10.542 ms

Loss rate: 0.00%

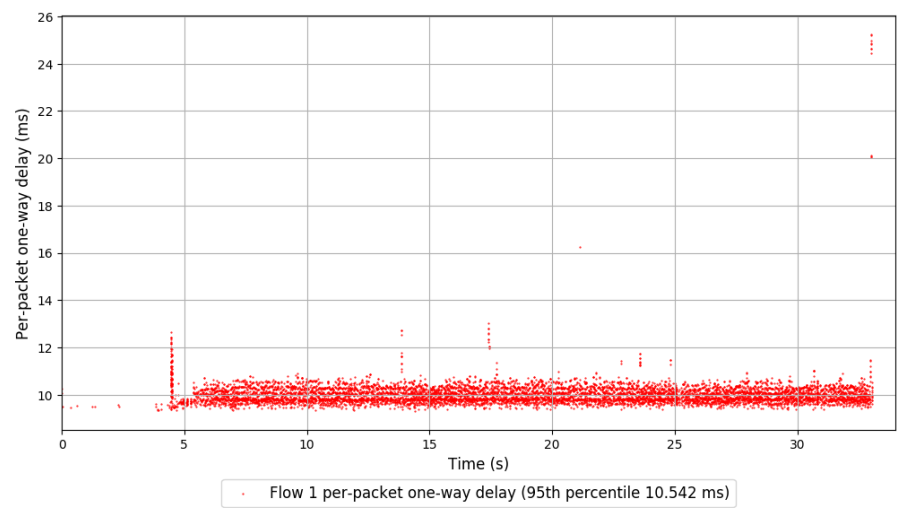
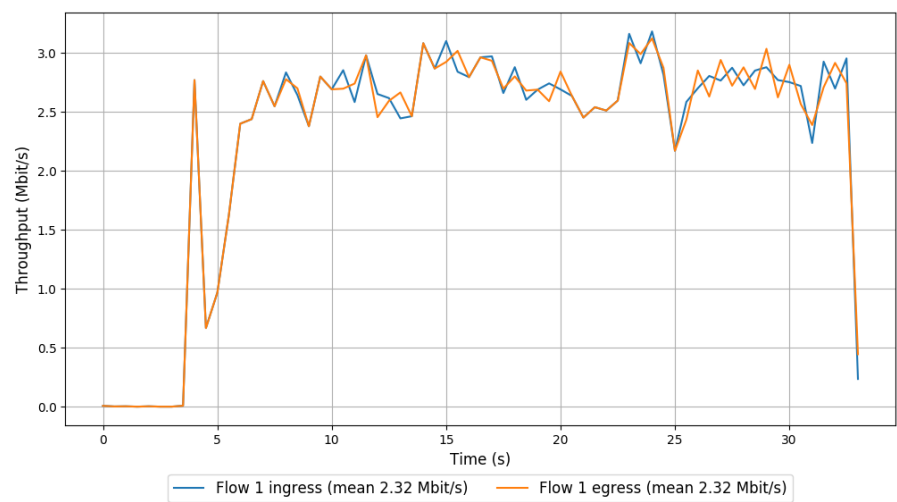
-- Flow 1:

Average throughput: 2.32 Mbit/s

95th percentile per-packet one-way delay: 10.542 ms

Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: Thu, 29 Jun 2017 19:54:24 +0000

End at: Thu, 29 Jun 2017 19:54:54 +0000

Local clock offset: 1.792 ms

Remote clock offset: -14.876 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:50:36 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.32 Mbit/s

95th percentile per-packet one-way delay: 10.357 ms

Loss rate: 0.00%

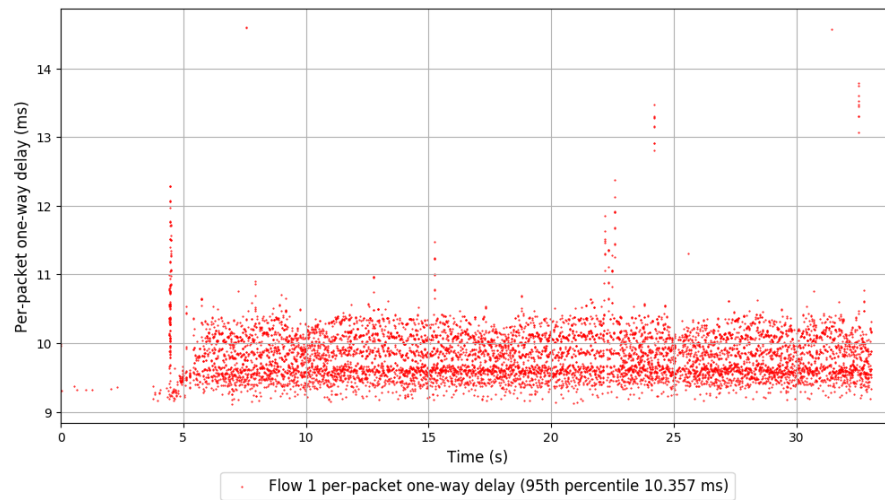
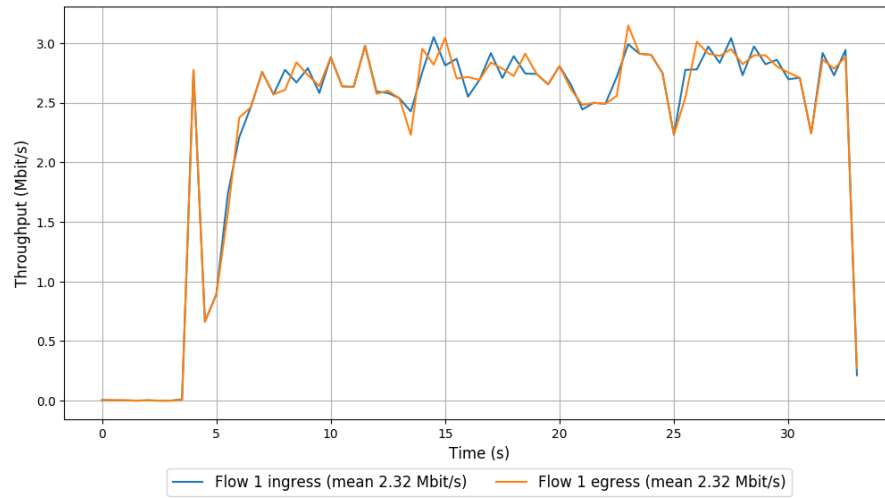
-- Flow 1:

Average throughput: 2.32 Mbit/s

95th percentile per-packet one-way delay: 10.357 ms

Loss rate: 0.00%

#### Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: Thu, 29 Jun 2017 20:12:48 +0000

End at: Thu, 29 Jun 2017 20:13:18 +0000

Local clock offset: 2.393 ms

Remote clock offset: -16.643 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:50:37 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 11.543 ms

Loss rate: 0.01%

-- Flow 1:

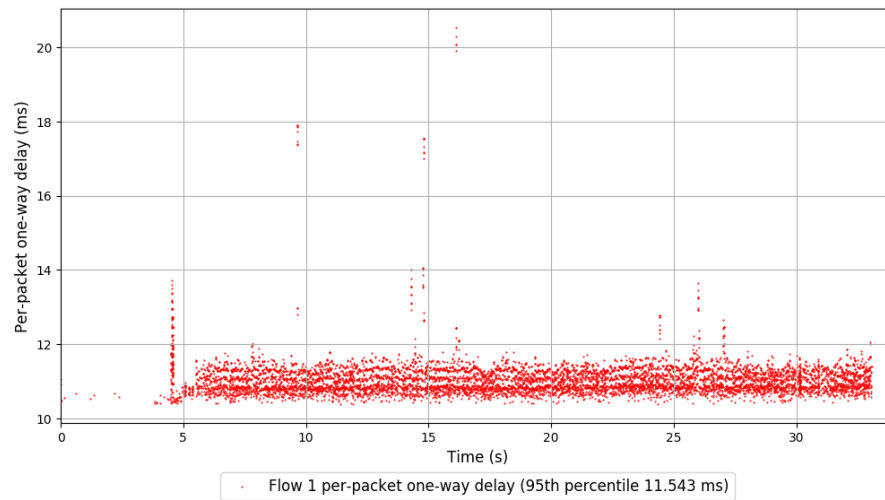
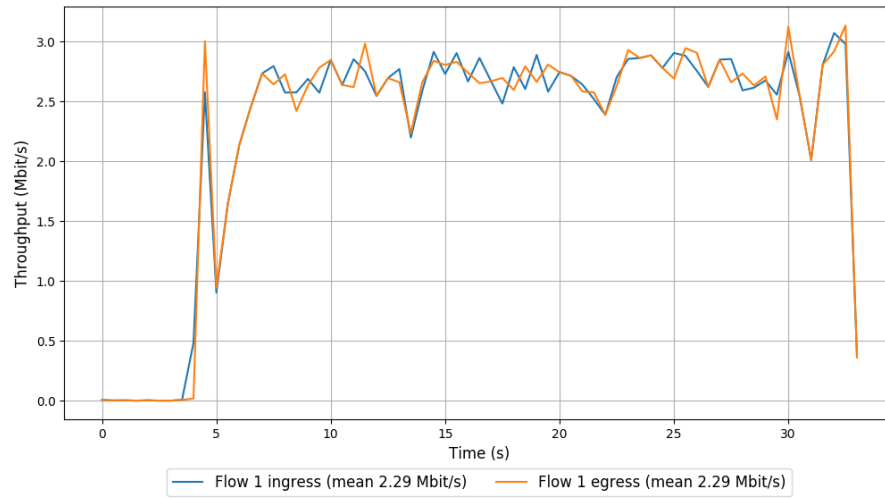
Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 11.543 ms

Loss rate: 0.01%



### Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: Thu, 29 Jun 2017 20:30:49 +0000

End at: Thu, 29 Jun 2017 20:31:19 +0000

Local clock offset: -0.533 ms

Remote clock offset: -18.27 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:50:38 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.31 Mbit/s

95th percentile per-packet one-way delay: 12.960 ms

Loss rate: 0.00%

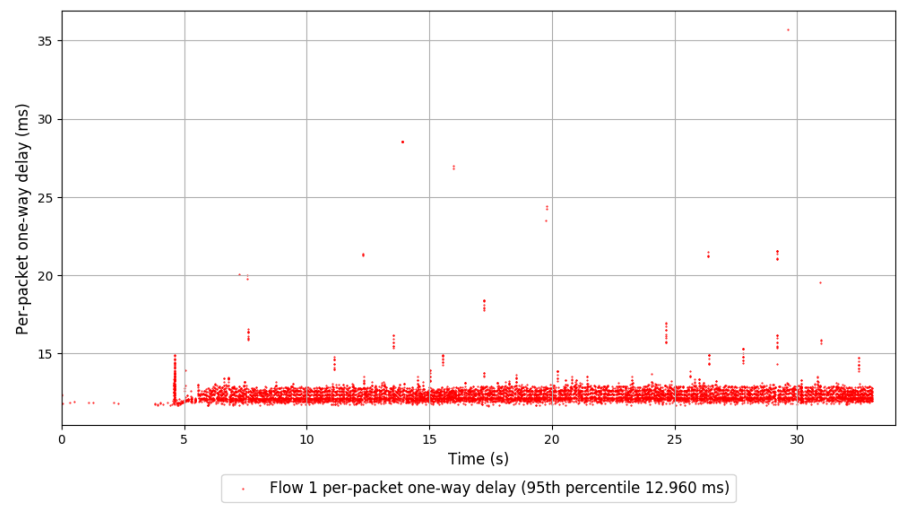
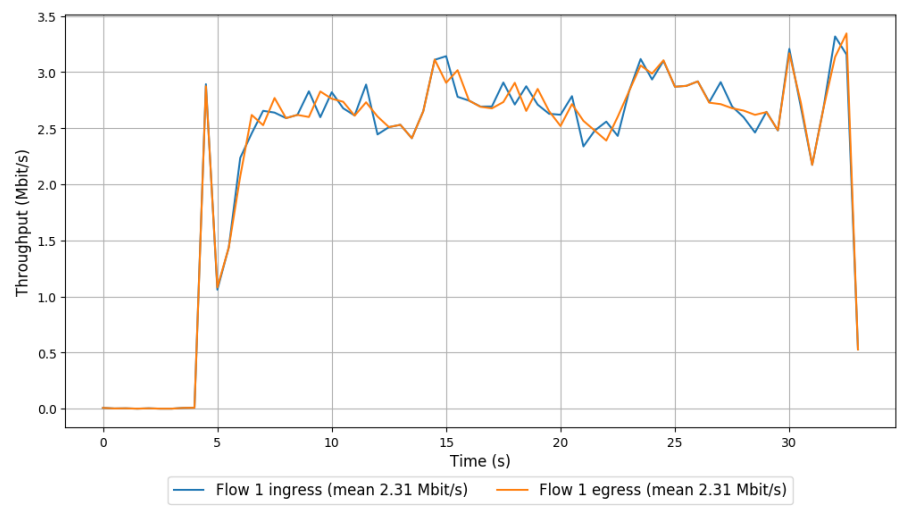
-- Flow 1:

Average throughput: 2.31 Mbit/s

95th percentile per-packet one-way delay: 12.960 ms

Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: Thu, 29 Jun 2017 20:49:13 +0000

End at: Thu, 29 Jun 2017 20:49:43 +0000

Local clock offset: -0.241 ms

Remote clock offset: -15.806 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:50:39 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 13.358 ms

Loss rate: 0.00%

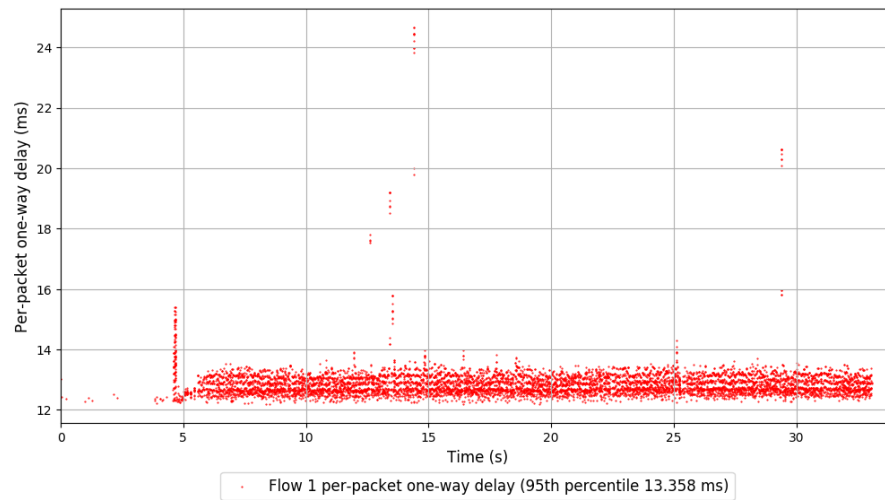
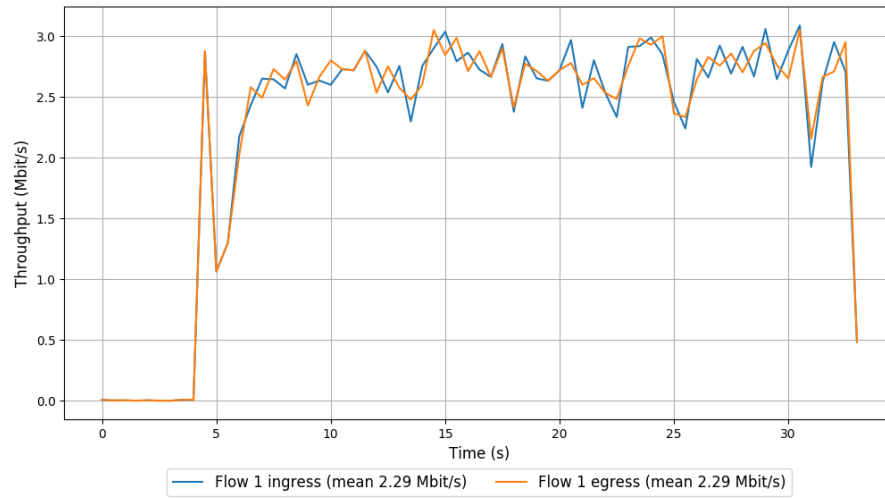
-- Flow 1:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 13.358 ms

Loss rate: 0.00%

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



Run 8: Statistics of WebRTC media

Start at: Thu, 29 Jun 2017 21:07:03 +0000

End at: Thu, 29 Jun 2017 21:07:33 +0000

Local clock offset: 0.701 ms

Remote clock offset: -18.238 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:50:40 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 13.526 ms

Loss rate: 0.00%

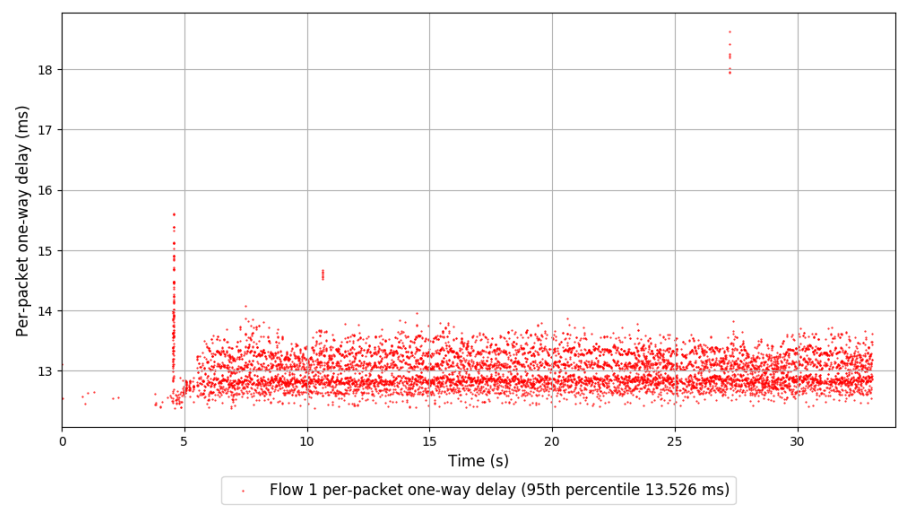
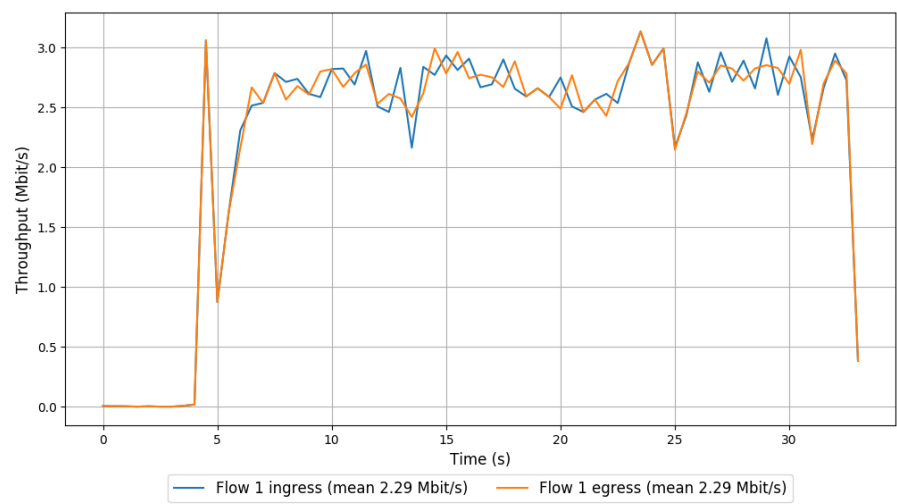
-- Flow 1:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 13.526 ms

Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

Start at: Thu, 29 Jun 2017 21:24:58 +0000

End at: Thu, 29 Jun 2017 21:25:28 +0000

Local clock offset: 2.248 ms

Remote clock offset: -21.052 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:50:40 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.31 Mbit/s

95th percentile per-packet one-way delay: 14.886 ms

Loss rate: 0.00%

-- Flow 1:

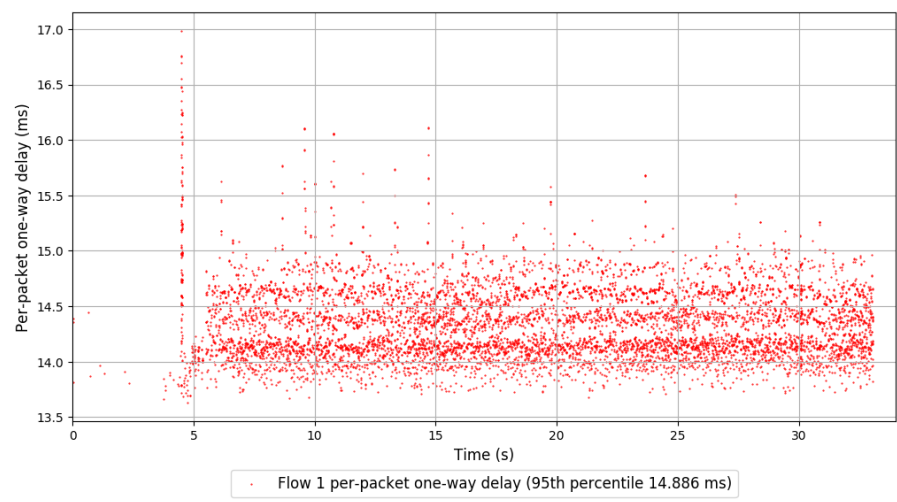
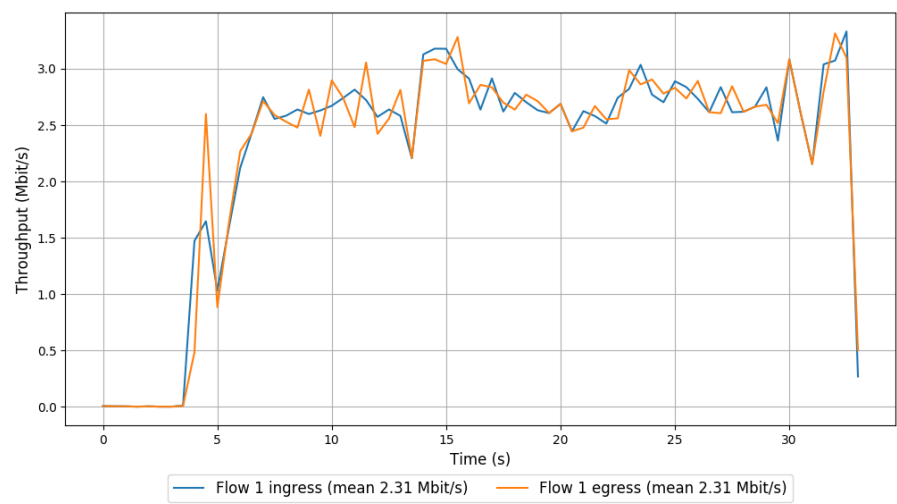
Average throughput: 2.31 Mbit/s

95th percentile per-packet one-way delay: 14.886 ms

Loss rate: 0.00%



Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: Thu, 29 Jun 2017 21:43:13 +0000

End at: Thu, 29 Jun 2017 21:43:43 +0000

Local clock offset: 0.197 ms

Remote clock offset: -21.486 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:50:41 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 16.193 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 16.193 ms

Loss rate: 0.00%

### Run 10: Report of WebRTC media — Data Link

