

**Pantheon Summary** (Generated at Wed, 14 Jun 2017 02:32:40 +0000 with  
pantheon version 0502c2c57571426cde66b34b88203c82b91e4e5c)

Repeated the test of 15 congestion control schemes 10 times.

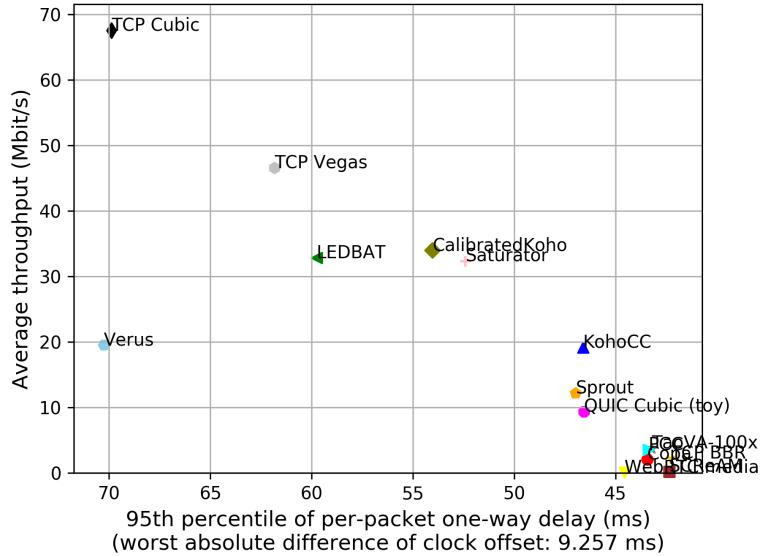
Each test lasted for 30 seconds running 1 flow.

Data path **from** AWS India 1 Ethernet **to** India Ethernet.

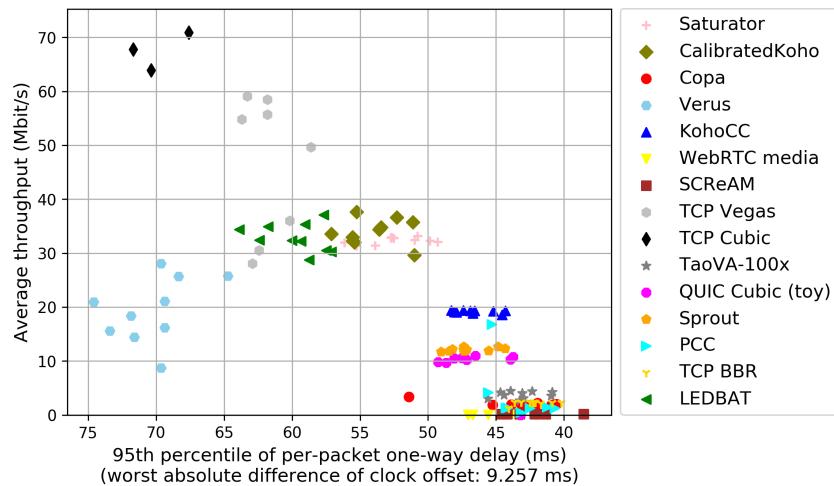
NTP offset measured against nets.org.sg.

```
git branch: master @ 0502c2c57571426cde66b34b88203c82b91e4e5c
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
M datagrump/sender.cc
third_party/genericCC @ dae96123232f1bcb37725348fa2378691ce26725
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-stimuli @ fc73a85ca16c34366d1888dc8a0d0d88d4ebf2a7
third_party/pantheon-tunnel @ 4893799ab83a43fa2d3236507d168f461e1243ed
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
M receiver/src/buffer.h
M receiver/src/core.cpp
M sender/src/buffer.h
M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaeeb30b267cde681
third_party/sprout @ 6f2efef6e088d91066a9f023df375eee2665089ce
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
```

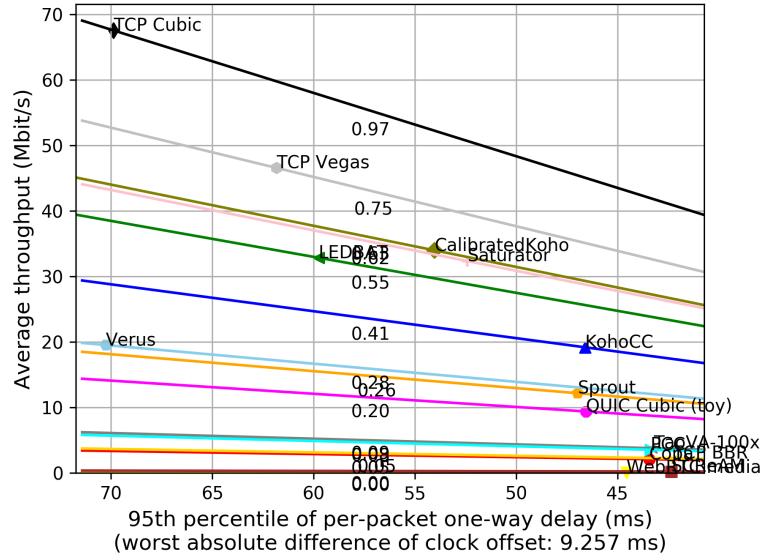
test from AWS India 1 Ethernet to India Ethernet, runs 10 of 30s each per scheme  
mean of all runs by scheme



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



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

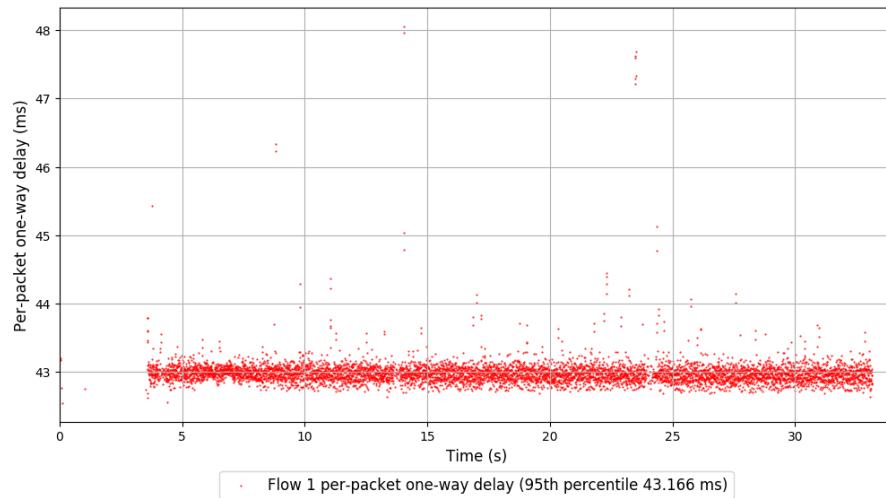
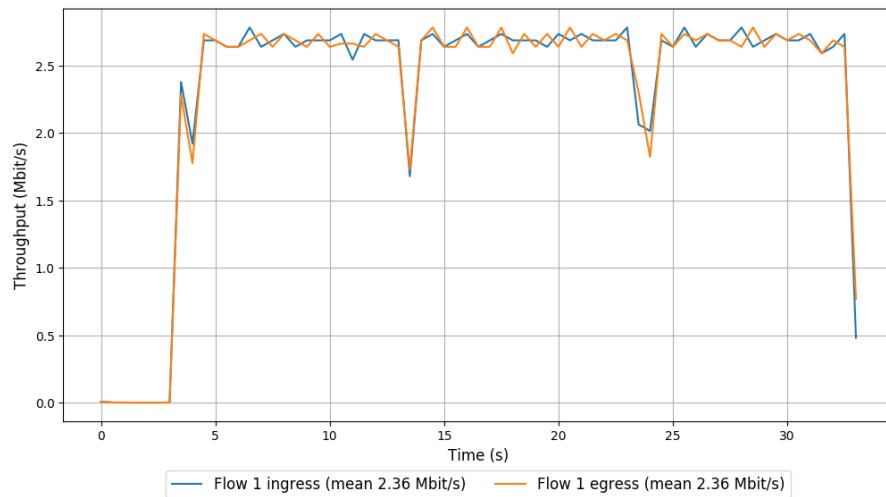


Run 1: Statistics of TCP BBR

```
Start at: Tue, 13 Jun 2017 18:40:15 +0000
End at: Tue, 13 Jun 2017 18:40:45 +0000
Local clock offset: 2.643 ms
Remote clock offset: 0.665 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:10:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 43.166 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 43.166 ms
Loss rate: 0.00%
```

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

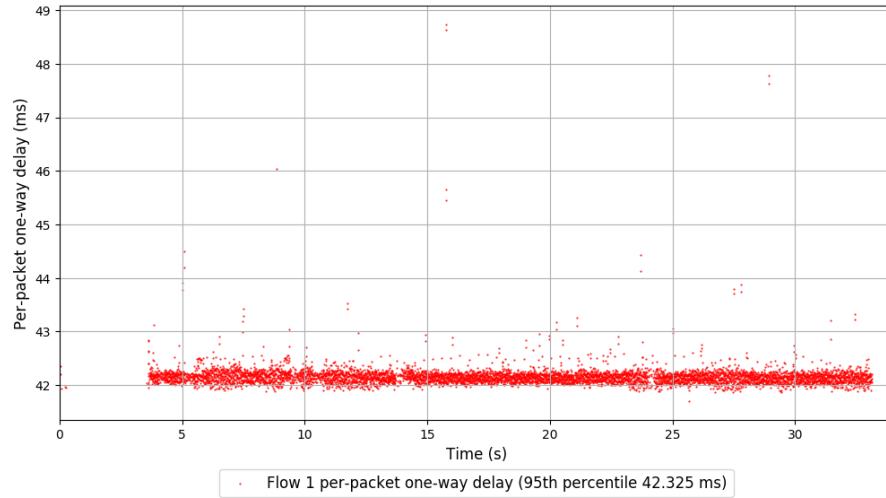
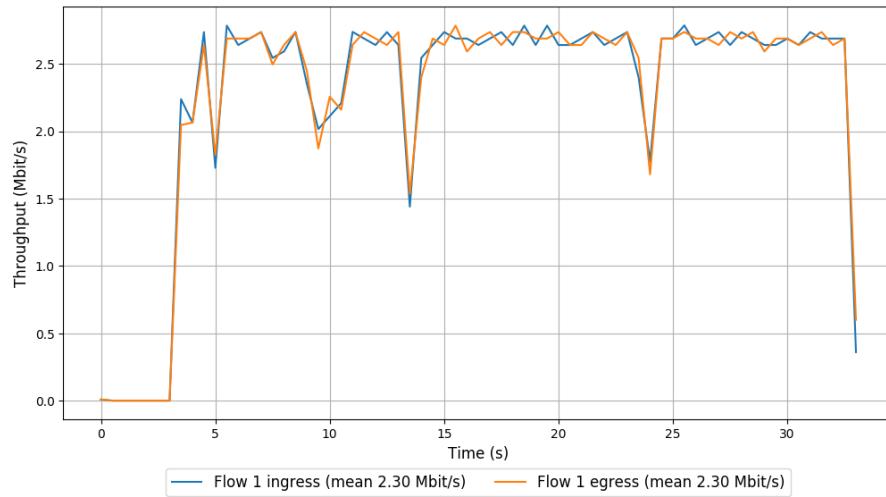


Run 2: Statistics of TCP BBR

```
Start at: Tue, 13 Jun 2017 18:59:20 +0000
End at: Tue, 13 Jun 2017 18:59:50 +0000
Local clock offset: 5.068 ms
Remote clock offset: 1.417 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:10:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 42.325 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 42.325 ms
Loss rate: 0.00%
```

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

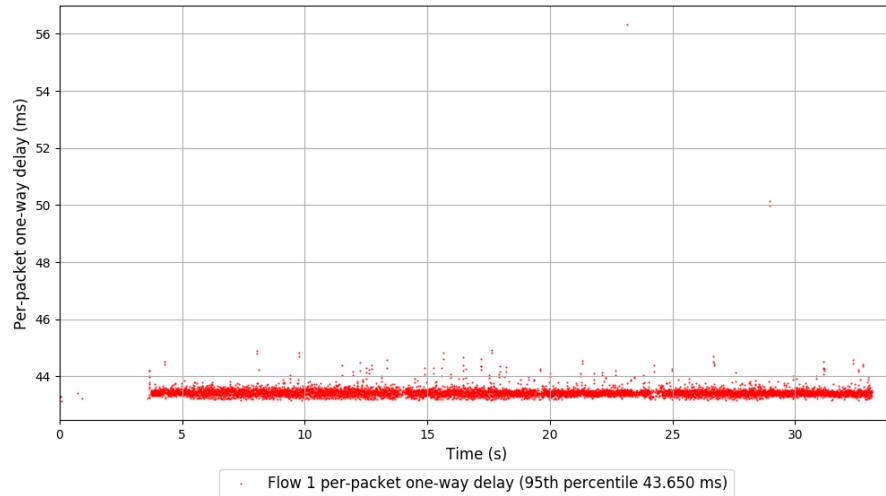
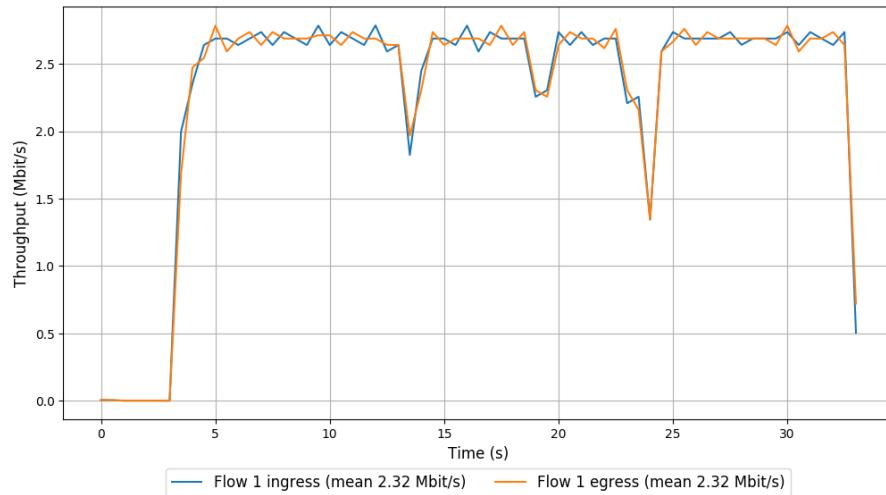


Run 3: Statistics of TCP BBR

```
Start at: Tue, 13 Jun 2017 19:17:34 +0000
End at: Tue, 13 Jun 2017 19:18:04 +0000
Local clock offset: 3.266 ms
Remote clock offset: 0.505 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:10:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 43.650 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 43.650 ms
Loss rate: 0.05%
```

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

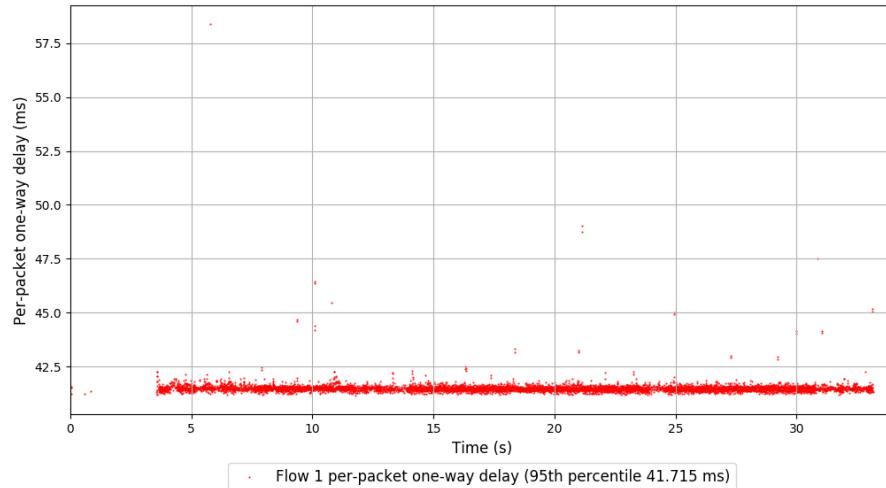
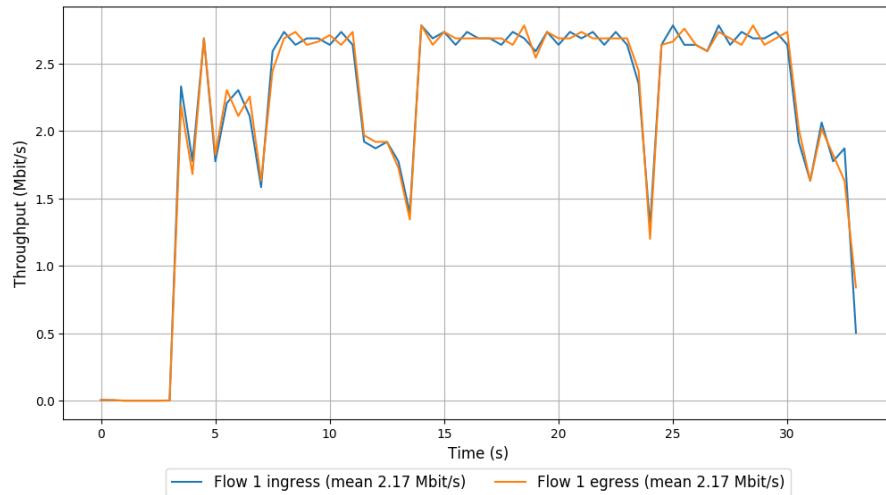


Run 4: Statistics of TCP BBR

```
Start at: Tue, 13 Jun 2017 19:36:04 +0000
End at: Tue, 13 Jun 2017 19:36:34 +0000
Local clock offset: 1.732 ms
Remote clock offset: -0.92 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:10:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.17 Mbit/s
95th percentile per-packet one-way delay: 41.715 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.17 Mbit/s
95th percentile per-packet one-way delay: 41.715 ms
Loss rate: 0.00%
```

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

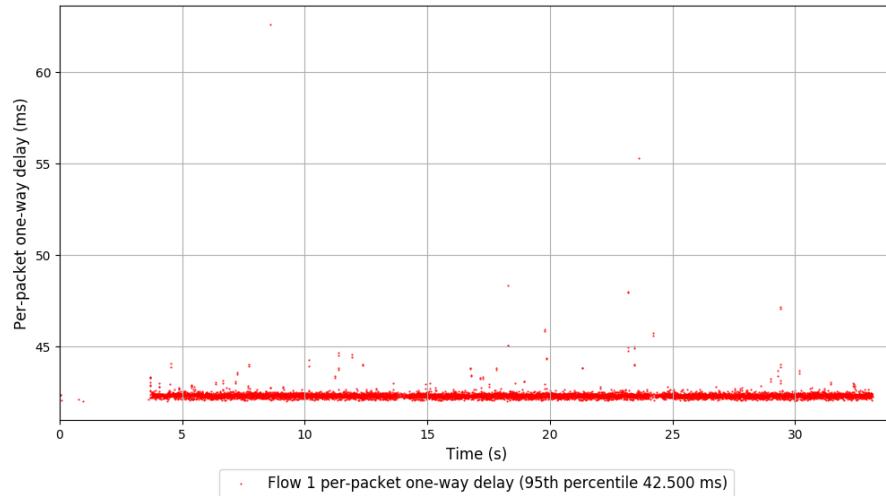
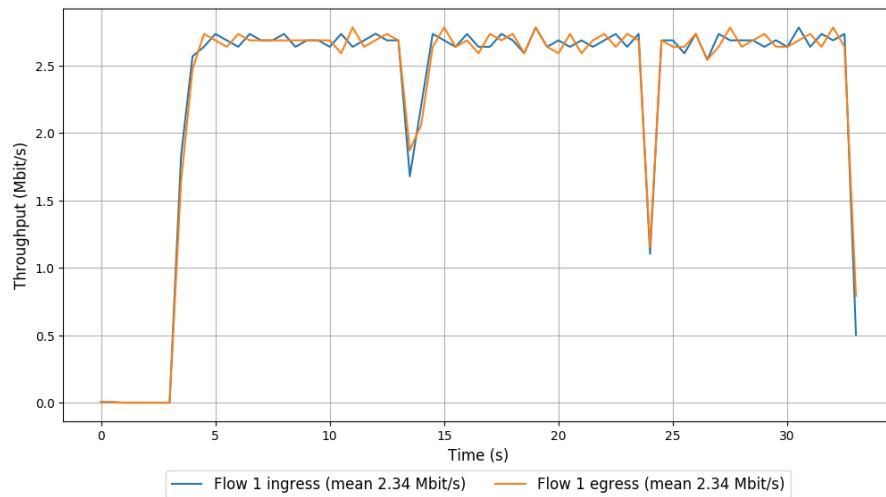


Run 5: Statistics of TCP BBR

```
Start at: Tue, 13 Jun 2017 19:54:32 +0000
End at: Tue, 13 Jun 2017 19:55:02 +0000
Local clock offset: -1.114 ms
Remote clock offset: -0.733 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:10:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 42.500 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 42.500 ms
Loss rate: 0.00%
```

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

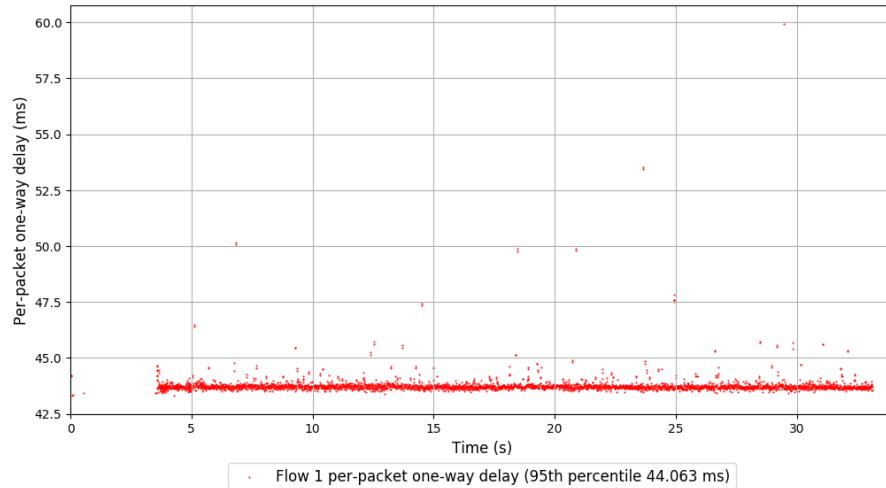
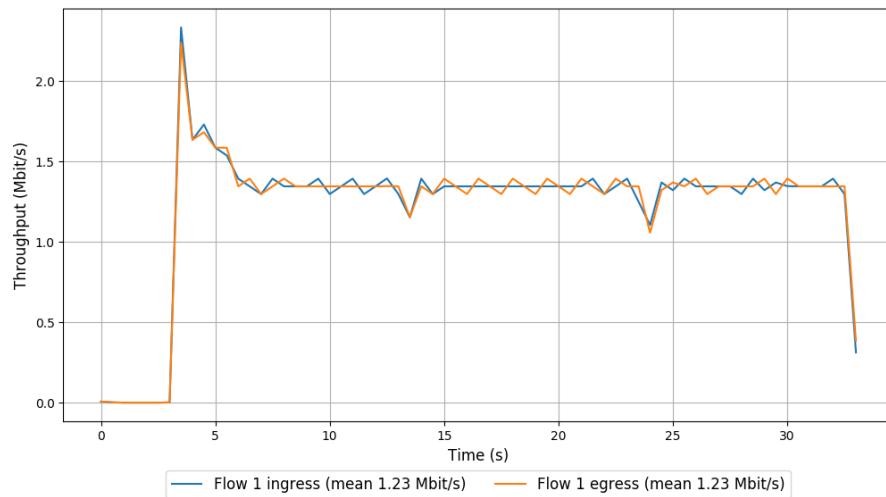


Run 6: Statistics of TCP BBR

```
Start at: Tue, 13 Jun 2017 20:13:12 +0000
End at: Tue, 13 Jun 2017 20:13:42 +0000
Local clock offset: 0.283 ms
Remote clock offset: 0.768 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:10:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.23 Mbit/s
95th percentile per-packet one-way delay: 44.063 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 1.23 Mbit/s
95th percentile per-packet one-way delay: 44.063 ms
Loss rate: 0.03%
```

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

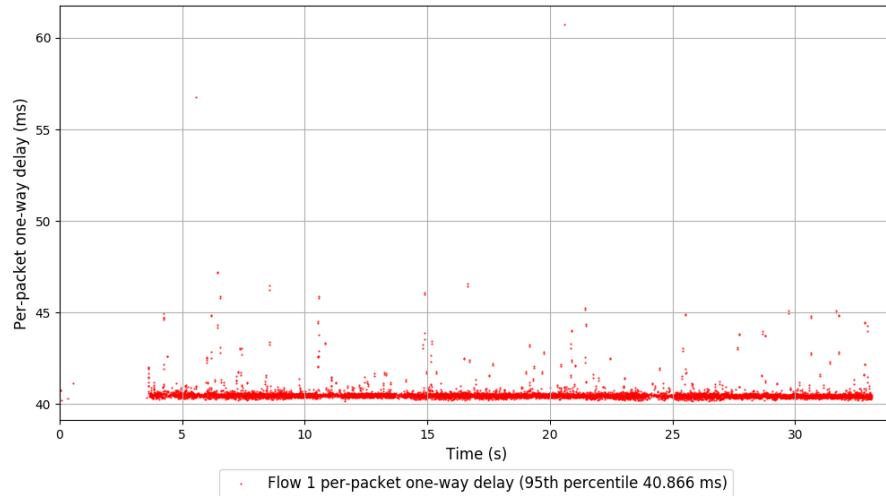
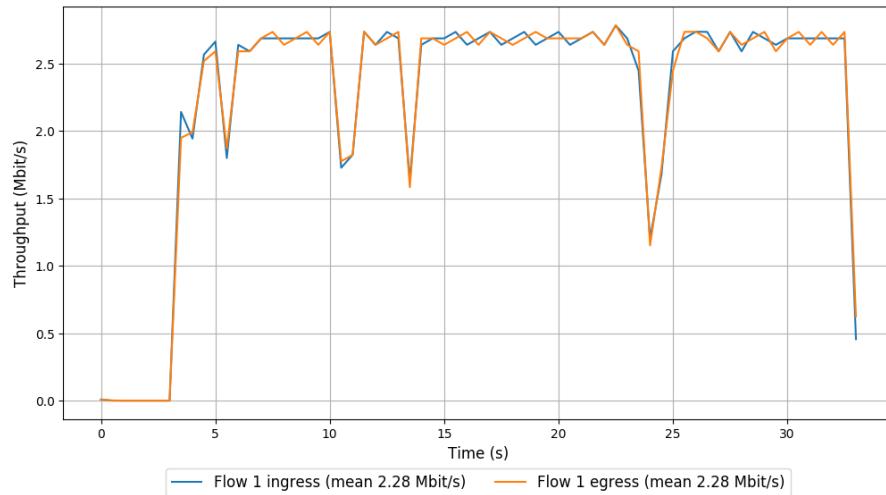


Run 7: Statistics of TCP BBR

```
Start at: Tue, 13 Jun 2017 20:31:40 +0000
End at: Tue, 13 Jun 2017 20:32:10 +0000
Local clock offset: -4.569 ms
Remote clock offset: 0.685 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:10:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.28 Mbit/s
95th percentile per-packet one-way delay: 40.866 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 2.28 Mbit/s
95th percentile per-packet one-way delay: 40.866 ms
Loss rate: 0.02%
```

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

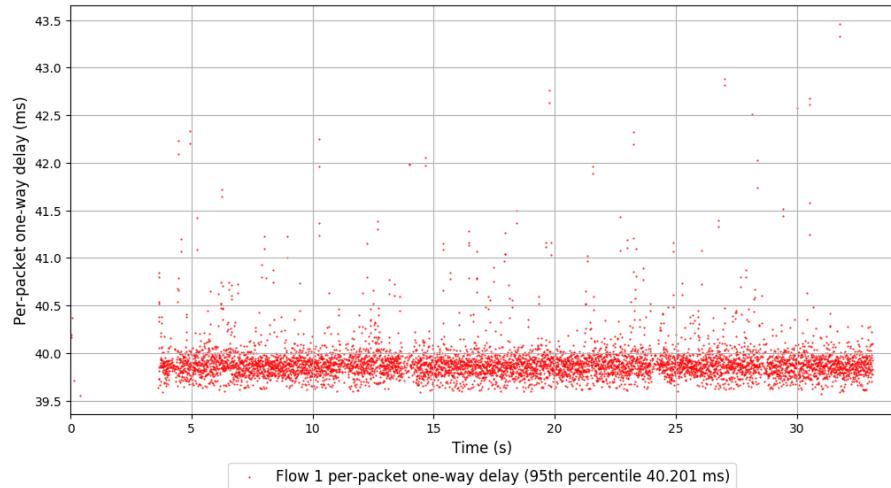
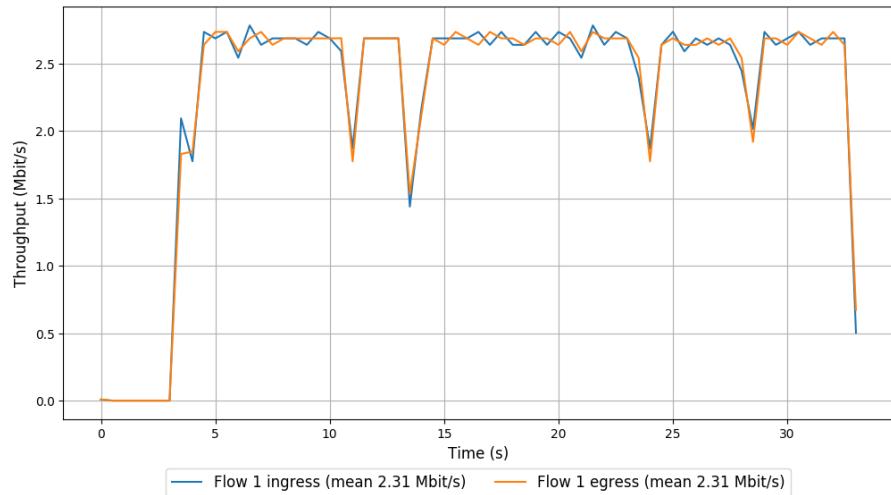


Run 8: Statistics of TCP BBR

```
Start at: Tue, 13 Jun 2017 20:50:10 +0000
End at: Tue, 13 Jun 2017 20:50:40 +0000
Local clock offset: 0.752 ms
Remote clock offset: -0.004 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:10:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: 40.201 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: 40.201 ms
Loss rate: 0.05%
```

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

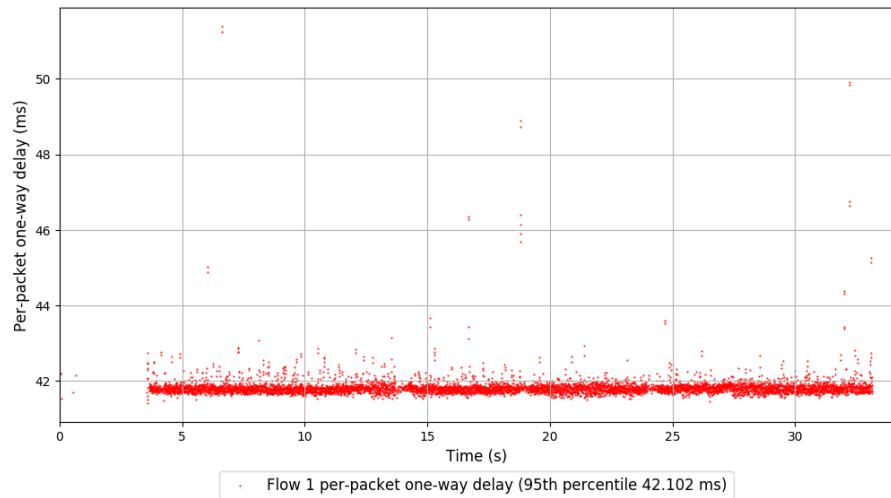
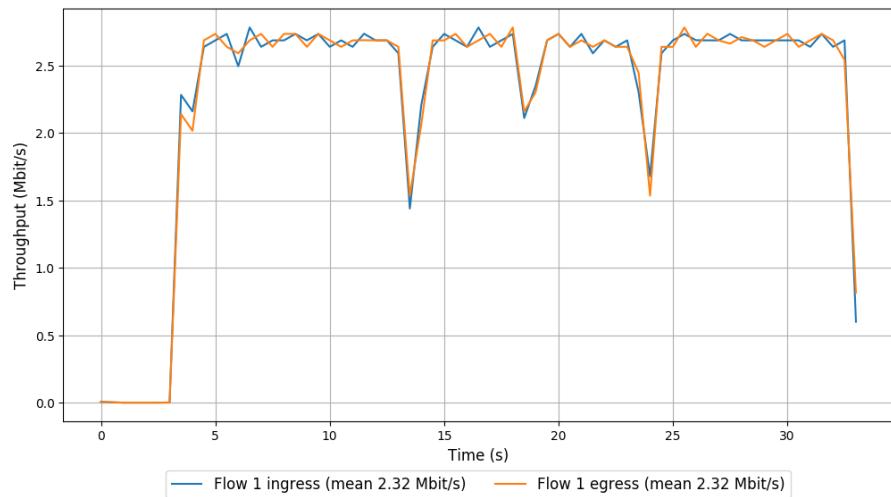


Run 9: Statistics of TCP BBR

```
Start at: Tue, 13 Jun 2017 21:08:57 +0000
End at: Tue, 13 Jun 2017 21:09:27 +0000
Local clock offset: -2.639 ms
Remote clock offset: -0.586 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:11:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 42.102 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 42.102 ms
Loss rate: 0.08%
```

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

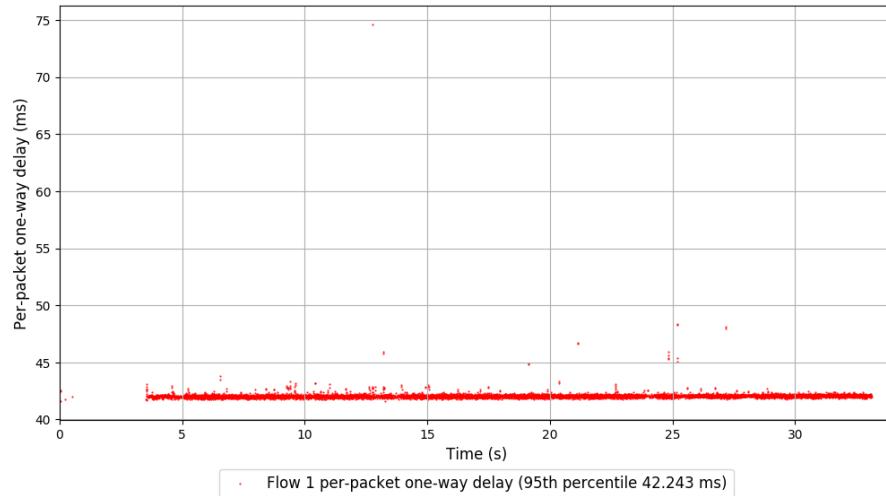
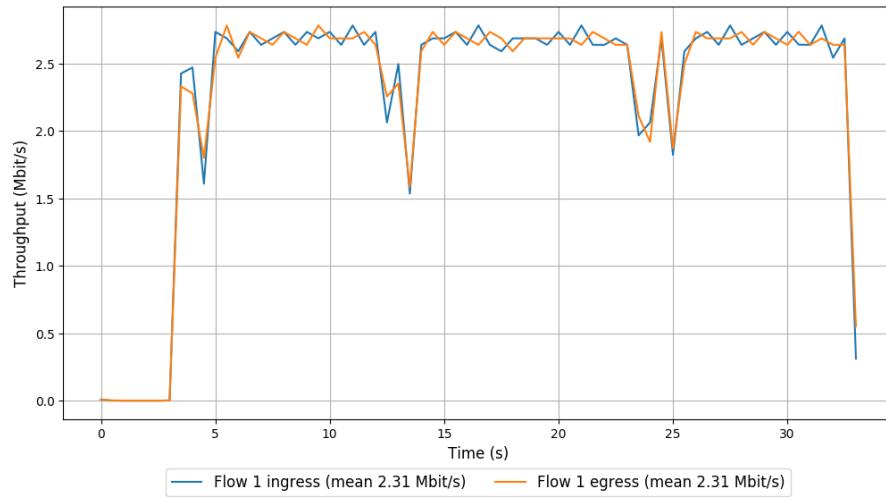


Run 10: Statistics of TCP BBR

```
Start at: Tue, 13 Jun 2017 21:27:18 +0000
End at: Tue, 13 Jun 2017 21:27:48 +0000
Local clock offset: -3.9 ms
Remote clock offset: 0.862 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:11:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: 42.243 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: 42.243 ms
Loss rate: 0.00%
```

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



```
Run 1: Statistics of CalibratedKoho
```

```
Start at: Tue, 13 Jun 2017 18:41:23 +0000
```

```
End at: Tue, 13 Jun 2017 18:41:53 +0000
```

```
Local clock offset: 3.471 ms
```

```
Remote clock offset: 0.841 ms
```

```
# Below is generated by plot.py at Wed, 14 Jun 2017 02:11:26 +0000
```

```
# Datalink statistics
```

```
-- Total of 1 flow:
```

```
Average throughput: 33.56 Mbit/s
```

```
95th percentile per-packet one-way delay: 57.117 ms
```

```
Loss rate: 0.00%
```

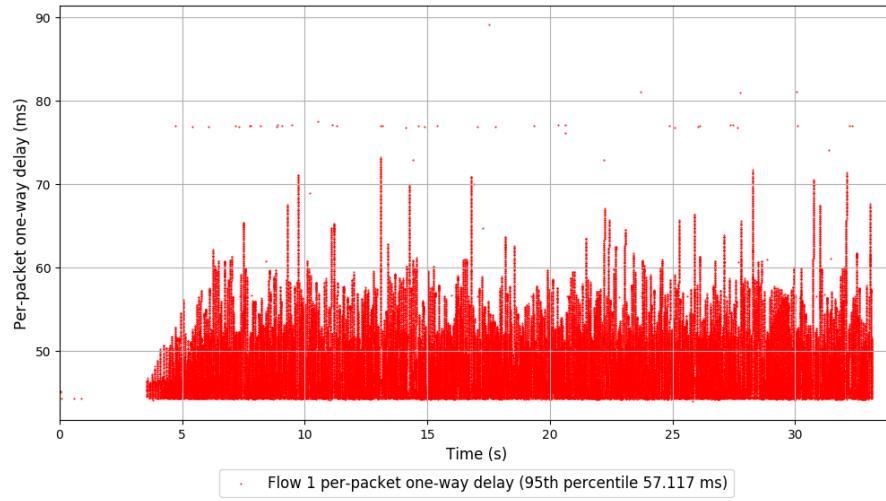
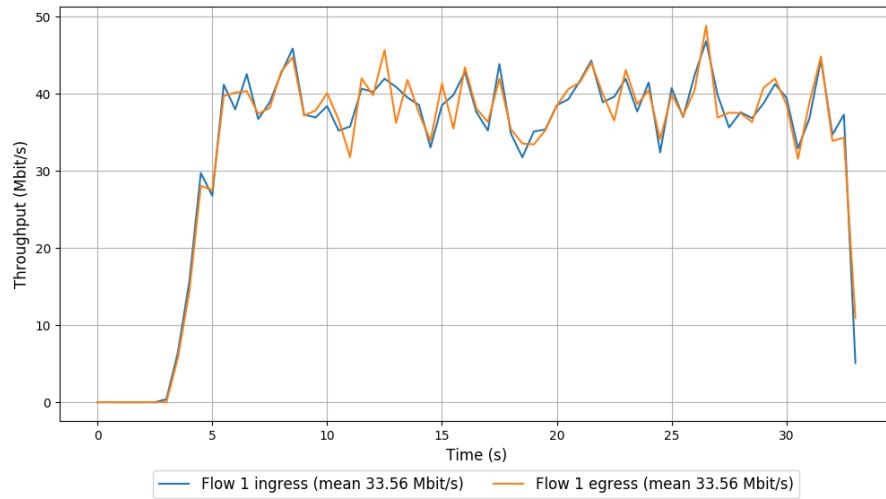
```
-- Flow 1:
```

```
Average throughput: 33.56 Mbit/s
```

```
95th percentile per-packet one-way delay: 57.117 ms
```

```
Loss rate: 0.00%
```

## Run 1: Report of CalibratedKoho — Data Link



```
Run 2: Statistics of CalibratedKoho
```

```
Start at: Tue, 13 Jun 2017 19:00:28 +0000
```

```
End at: Tue, 13 Jun 2017 19:00:58 +0000
```

```
Local clock offset: 3.586 ms
```

```
Remote clock offset: 0.37 ms
```

```
# Below is generated by plot.py at Wed, 14 Jun 2017 02:11:27 +0000
```

```
# Datalink statistics
```

```
-- Total of 1 flow:
```

```
Average throughput: 31.99 Mbit/s
```

```
95th percentile per-packet one-way delay: 55.419 ms
```

```
Loss rate: 0.00%
```

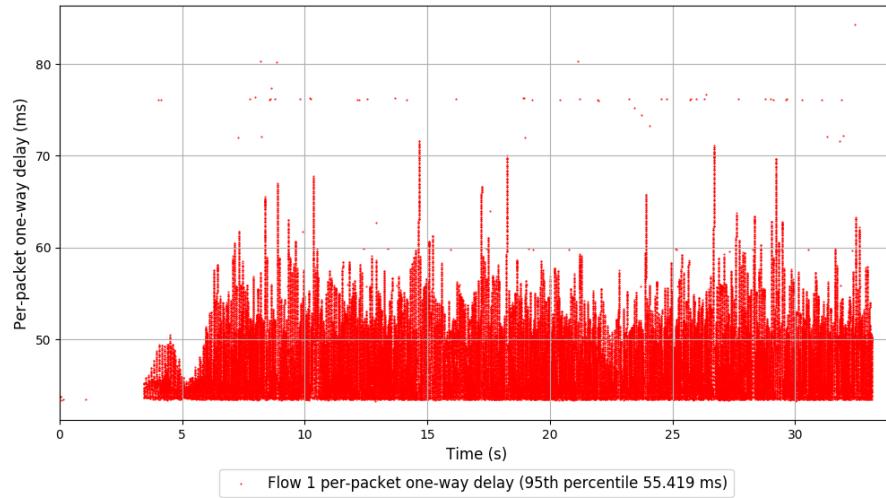
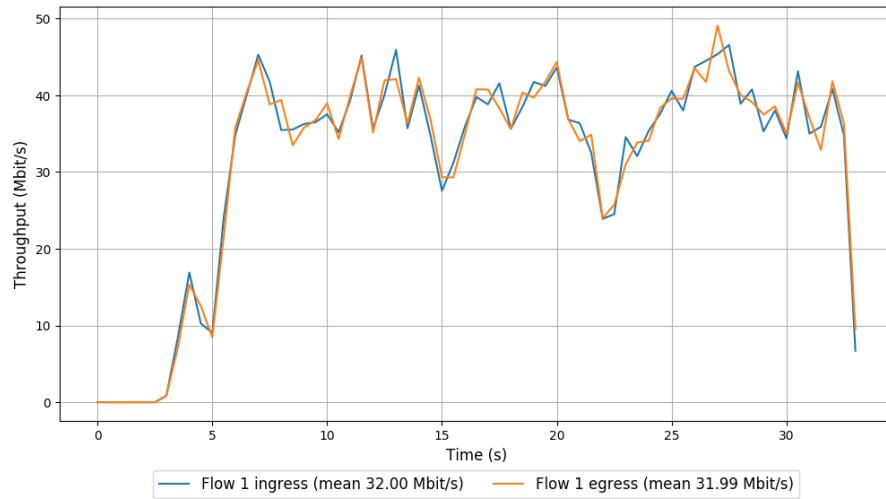
```
-- Flow 1:
```

```
Average throughput: 31.99 Mbit/s
```

```
95th percentile per-packet one-way delay: 55.419 ms
```

```
Loss rate: 0.00%
```

## Run 2: Report of CalibratedKoho — Data Link

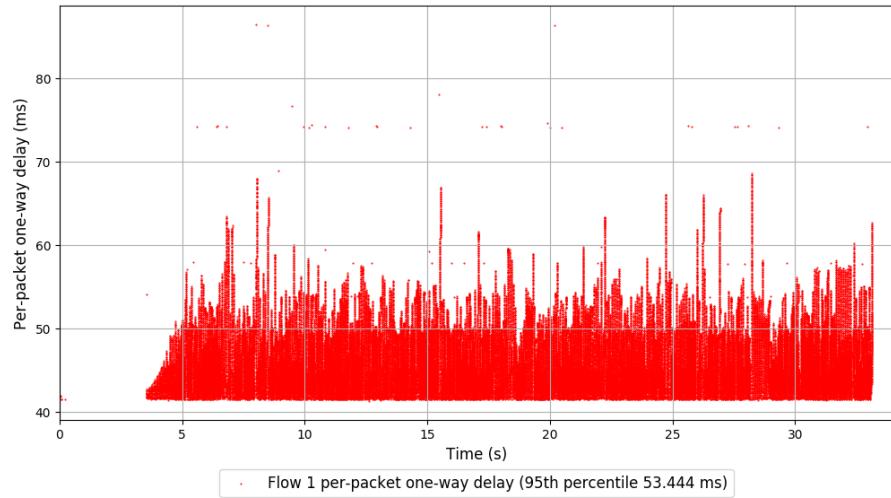
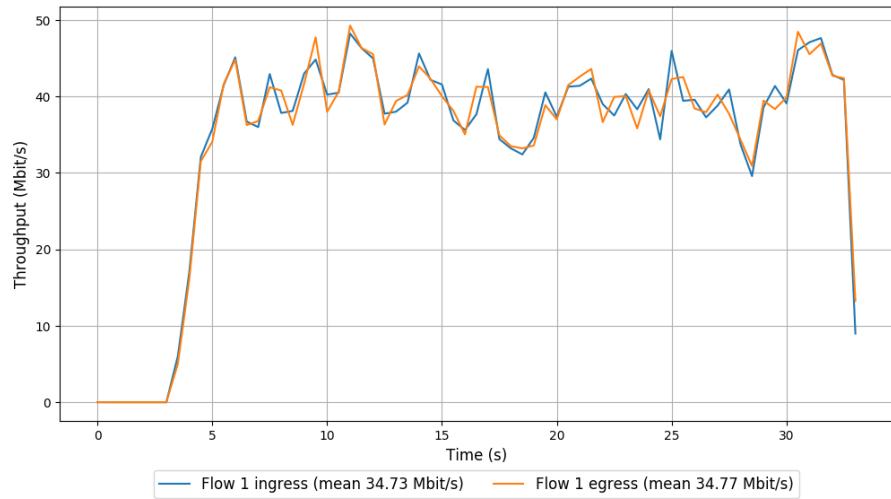


```
Run 3: Statistics of CalibratedKoho
```

```
Start at: Tue, 13 Jun 2017 19:18:41 +0000
End at: Tue, 13 Jun 2017 19:19:11 +0000
Local clock offset: 0.806 ms
Remote clock offset: 0.77 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:11:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 34.77 Mbit/s
95th percentile per-packet one-way delay: 53.444 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 34.77 Mbit/s
95th percentile per-packet one-way delay: 53.444 ms
Loss rate: 0.00%
```

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



```
Run 4: Statistics of CalibratedKoho
```

```
Start at: Tue, 13 Jun 2017 19:37:11 +0000
```

```
End at: Tue, 13 Jun 2017 19:37:41 +0000
```

```
Local clock offset: -1.92 ms
```

```
Remote clock offset: 0.636 ms
```

```
# Below is generated by plot.py at Wed, 14 Jun 2017 02:11:58 +0000
```

```
# Datalink statistics
```

```
-- Total of 1 flow:
```

```
Average throughput: 34.40 Mbit/s
```

```
95th percentile per-packet one-way delay: 53.602 ms
```

```
Loss rate: 0.00%
```

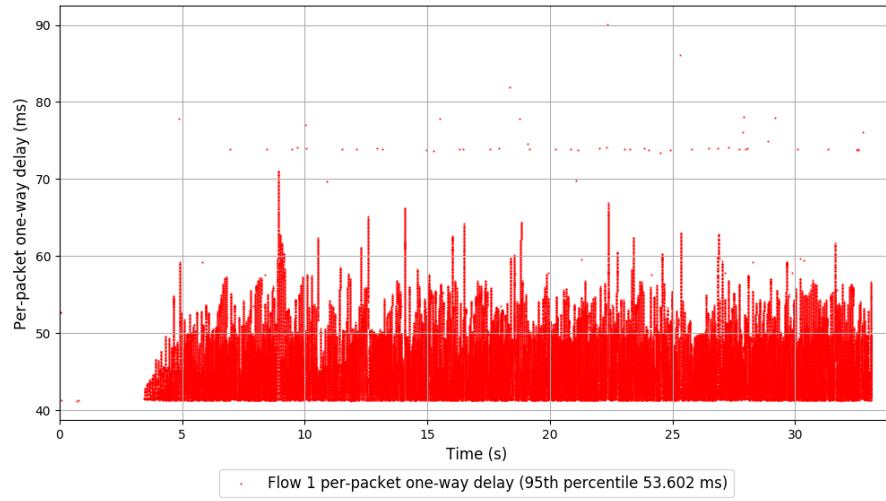
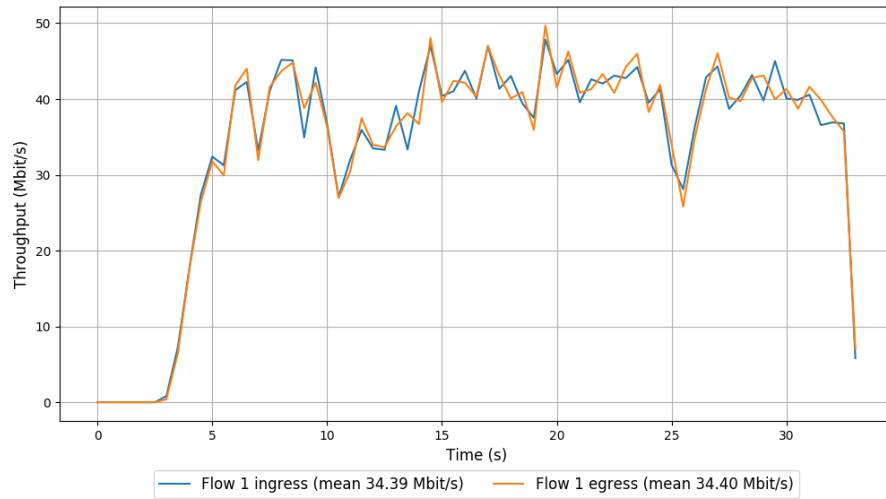
```
-- Flow 1:
```

```
Average throughput: 34.40 Mbit/s
```

```
95th percentile per-packet one-way delay: 53.602 ms
```

```
Loss rate: 0.00%
```

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

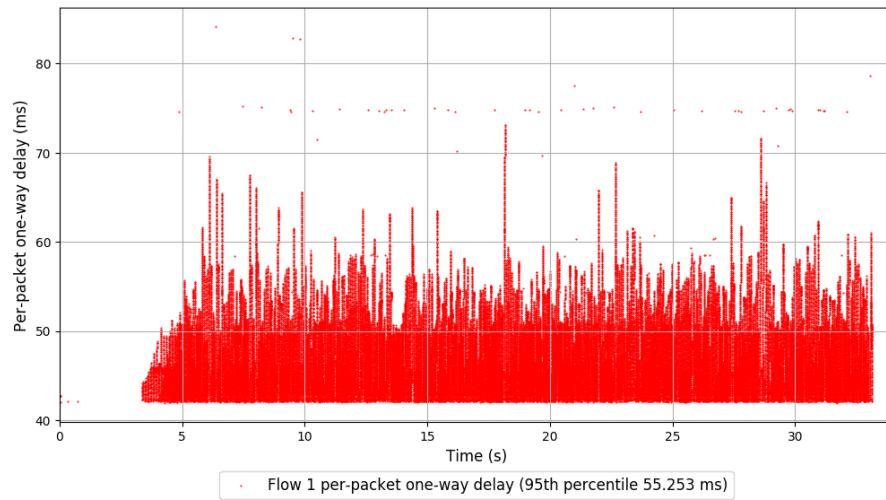
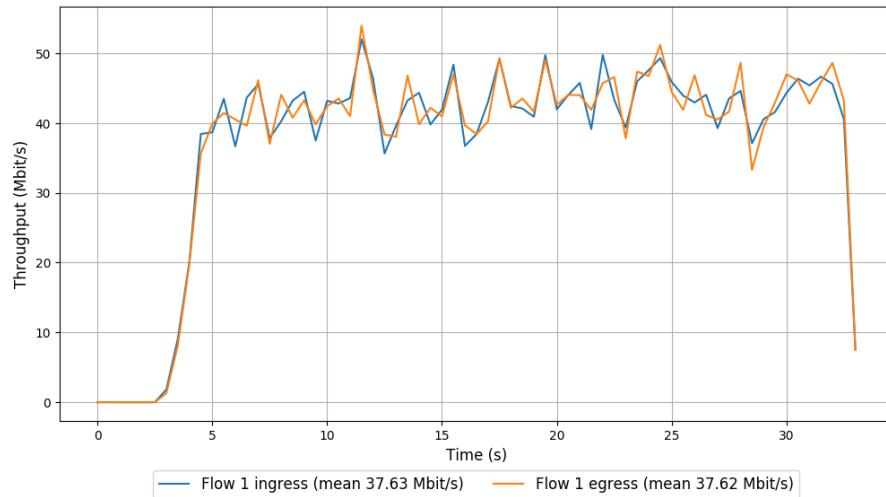


```
Run 5: Statistics of CalibratedKoho
```

```
Start at: Tue, 13 Jun 2017 19:55:40 +0000
End at: Tue, 13 Jun 2017 19:56:10 +0000
Local clock offset: -0.149 ms
Remote clock offset: -0.295 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:12:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 37.62 Mbit/s
95th percentile per-packet one-way delay: 55.253 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 37.62 Mbit/s
95th percentile per-packet one-way delay: 55.253 ms
Loss rate: 0.00%
```

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



```
Run 6: Statistics of CalibratedKoho
```

```
Start at: Tue, 13 Jun 2017 20:14:19 +0000
```

```
End at: Tue, 13 Jun 2017 20:14:49 +0000
```

```
Local clock offset: 1.725 ms
```

```
Remote clock offset: 1.473 ms
```

```
# Below is generated by plot.py at Wed, 14 Jun 2017 02:12:30 +0000
```

```
# Datalink statistics
```

```
-- Total of 1 flow:
```

```
Average throughput: 32.98 Mbit/s
```

```
95th percentile per-packet one-way delay: 55.553 ms
```

```
Loss rate: 0.00%
```

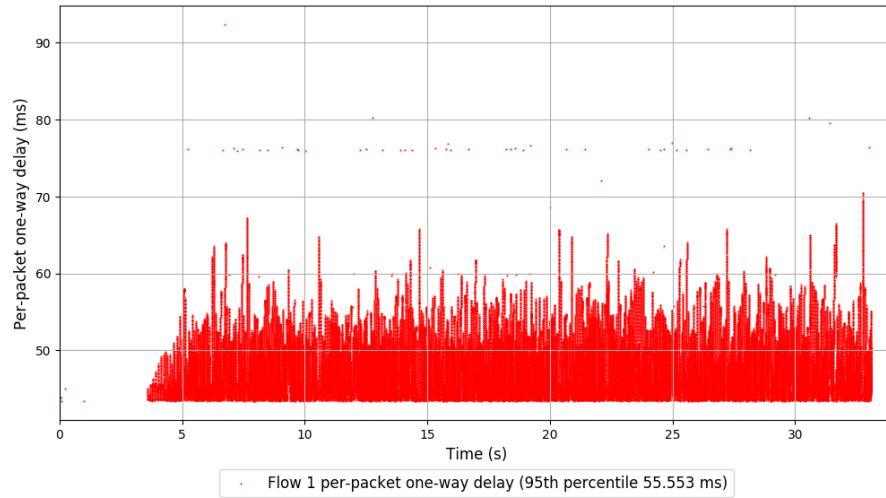
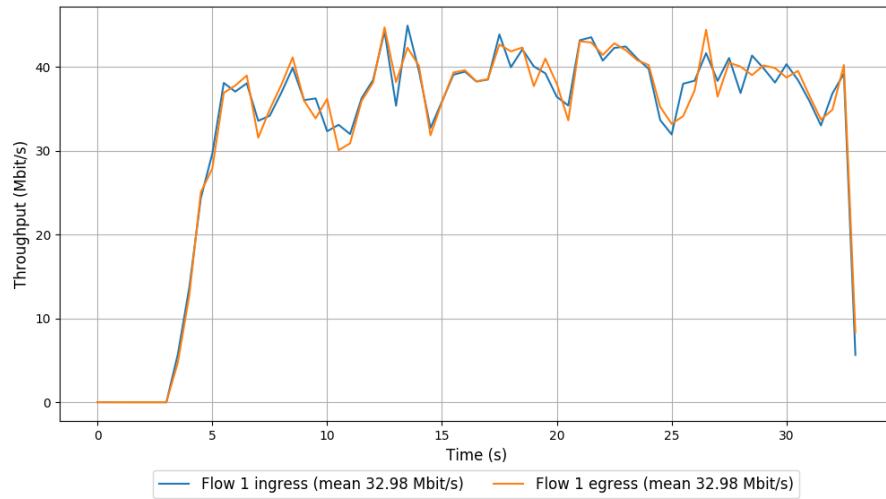
```
-- Flow 1:
```

```
Average throughput: 32.98 Mbit/s
```

```
95th percentile per-packet one-way delay: 55.553 ms
```

```
Loss rate: 0.00%
```

Run 6: Report of CalibratedKoho — Data Link

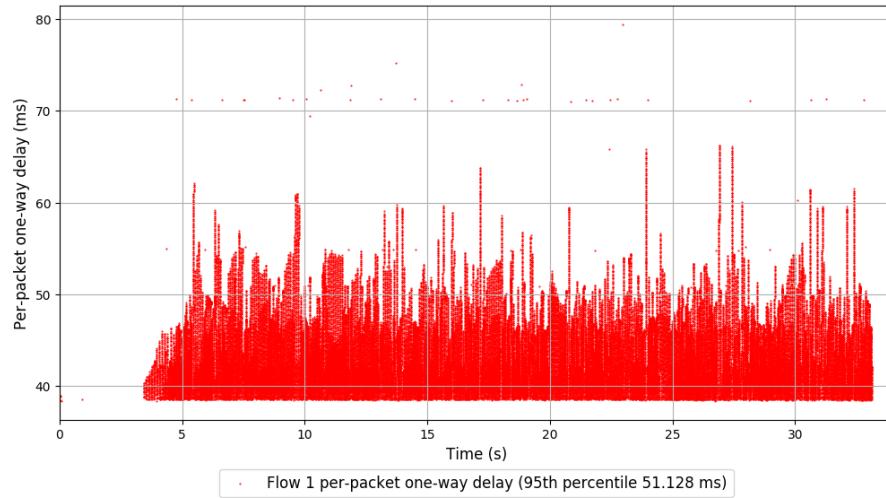
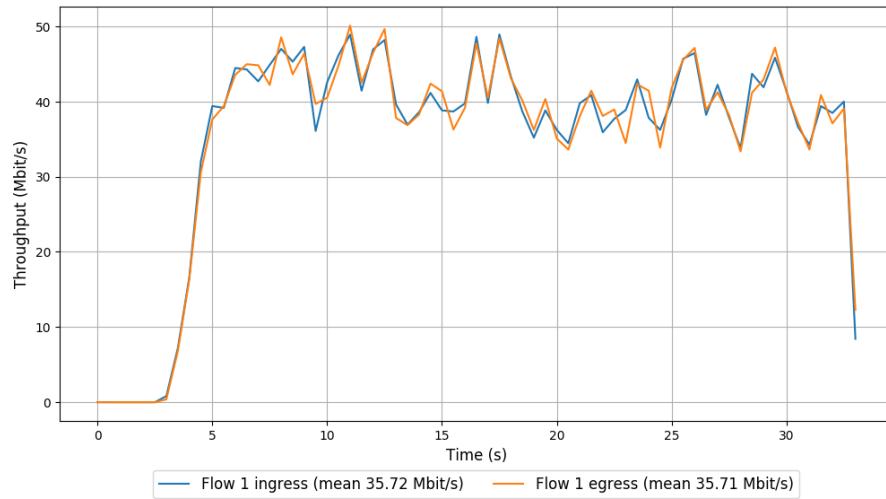


Run 7: Statistics of CalibratedKoho

```
Start at: Tue, 13 Jun 2017 20:32:48 +0000
End at: Tue, 13 Jun 2017 20:33:18 +0000
Local clock offset: 0.688 ms
Remote clock offset: 0.23 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:12:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 35.71 Mbit/s
95th percentile per-packet one-way delay: 51.128 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 35.71 Mbit/s
95th percentile per-packet one-way delay: 51.128 ms
Loss rate: 0.00%
```

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



```
Run 8: Statistics of CalibratedKoho
```

```
Start at: Tue, 13 Jun 2017 20:51:18 +0000
```

```
End at: Tue, 13 Jun 2017 20:51:48 +0000
```

```
Local clock offset: 3.179 ms
```

```
Remote clock offset: 0.283 ms
```

```
# Below is generated by plot.py at Wed, 14 Jun 2017 02:12:55 +0000
```

```
# Datalink statistics
```

```
-- Total of 1 flow:
```

```
Average throughput: 29.64 Mbit/s
```

```
95th percentile per-packet one-way delay: 51.021 ms
```

```
Loss rate: 0.07%
```

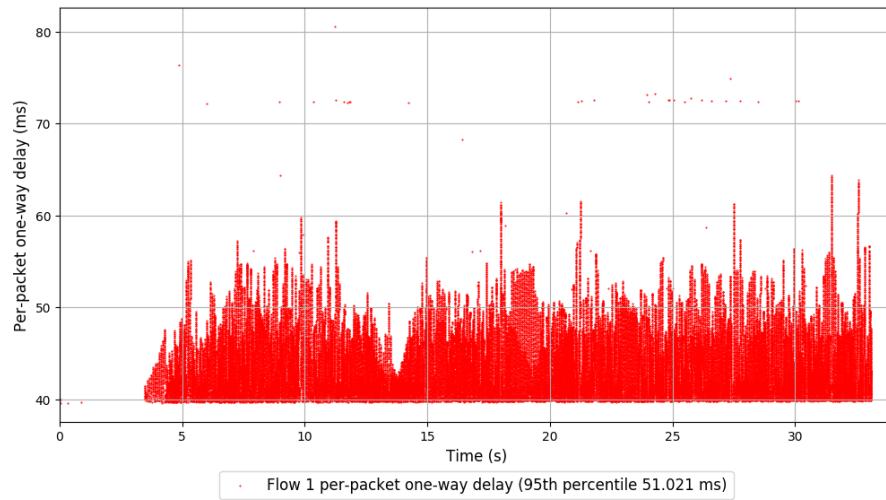
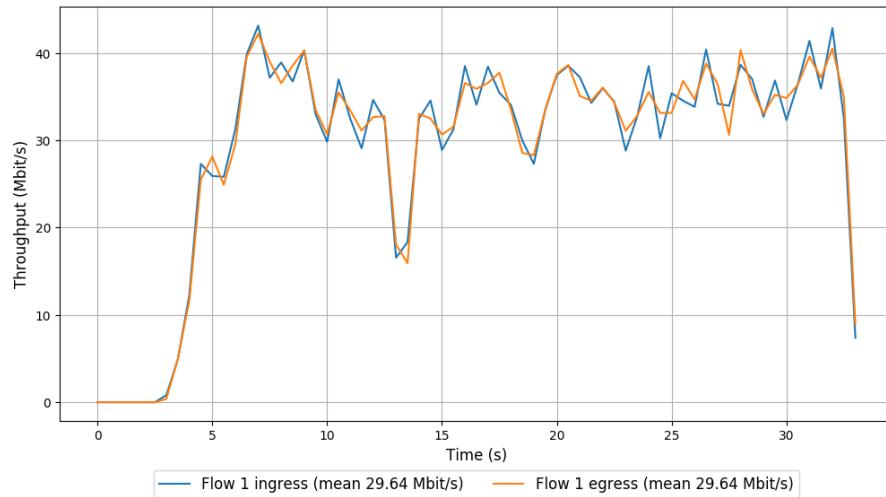
```
-- Flow 1:
```

```
Average throughput: 29.64 Mbit/s
```

```
95th percentile per-packet one-way delay: 51.021 ms
```

```
Loss rate: 0.07%
```

## Run 8: Report of CalibratedKoho — Data Link



```
Run 9: Statistics of CalibratedKoho
```

```
Start at: Tue, 13 Jun 2017 21:10:04 +0000
```

```
End at: Tue, 13 Jun 2017 21:10:34 +0000
```

```
Local clock offset: 1.316 ms
```

```
Remote clock offset: -0.264 ms
```

```
# Below is generated by plot.py at Wed, 14 Jun 2017 02:13:19 +0000
```

```
# Datalink statistics
```

```
-- Total of 1 flow:
```

```
Average throughput: 36.60 Mbit/s
```

```
95th percentile per-packet one-way delay: 52.295 ms
```

```
Loss rate: 0.00%
```

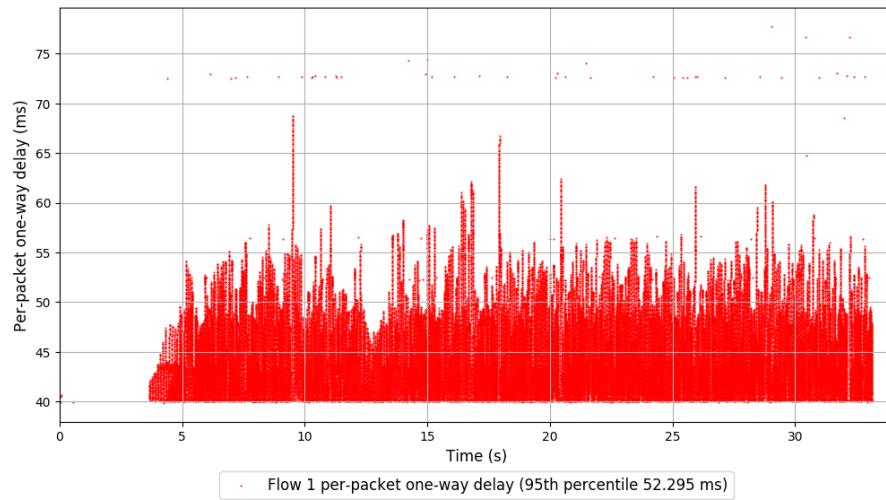
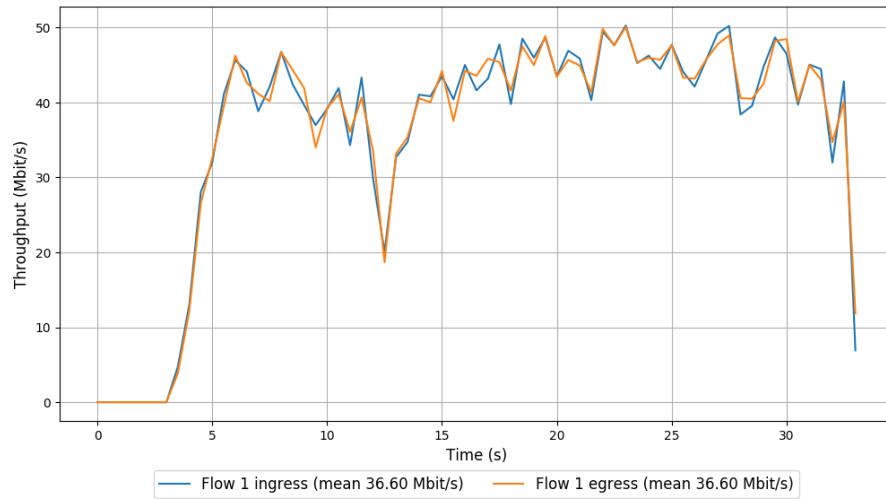
```
-- Flow 1:
```

```
Average throughput: 36.60 Mbit/s
```

```
95th percentile per-packet one-way delay: 52.295 ms
```

```
Loss rate: 0.00%
```

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

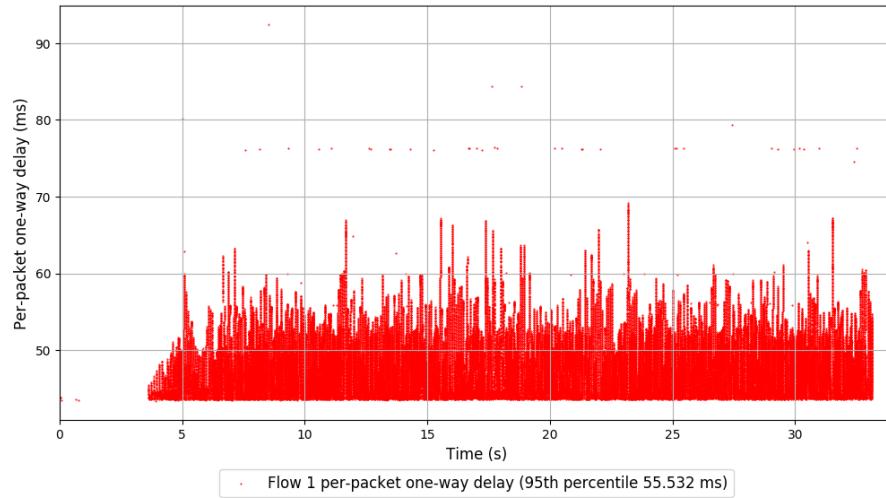
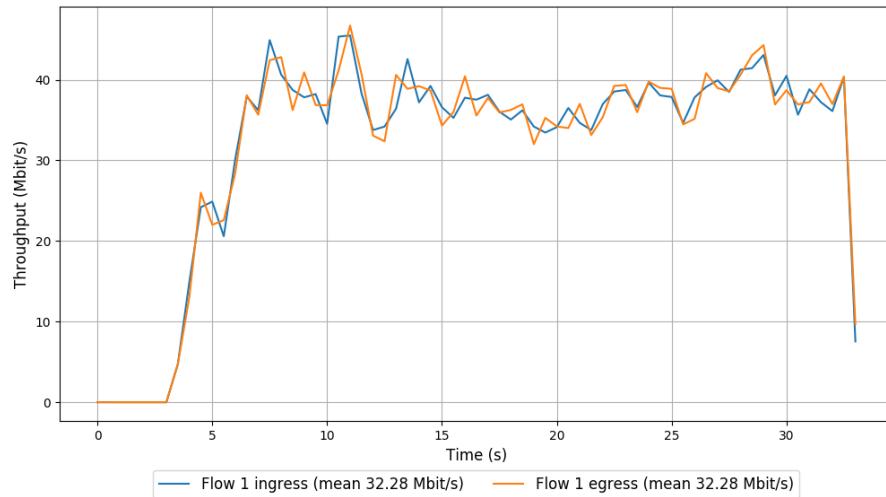


```
Run 10: Statistics of CalibratedKoho

Start at: Tue, 13 Jun 2017 21:28:25 +0000
End at: Tue, 13 Jun 2017 21:28:55 +0000
Local clock offset: 3.735 ms
Remote clock offset: 1.161 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:13:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 32.28 Mbit/s
95th percentile per-packet one-way delay: 55.532 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 32.28 Mbit/s
95th percentile per-packet one-way delay: 55.532 ms
Loss rate: 0.00%
```

## Run 10: Report of CalibratedKoho — Data Link

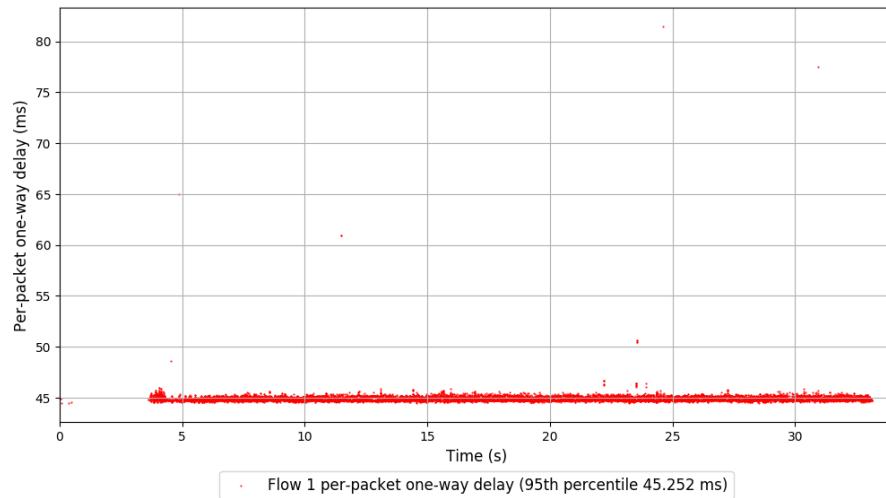
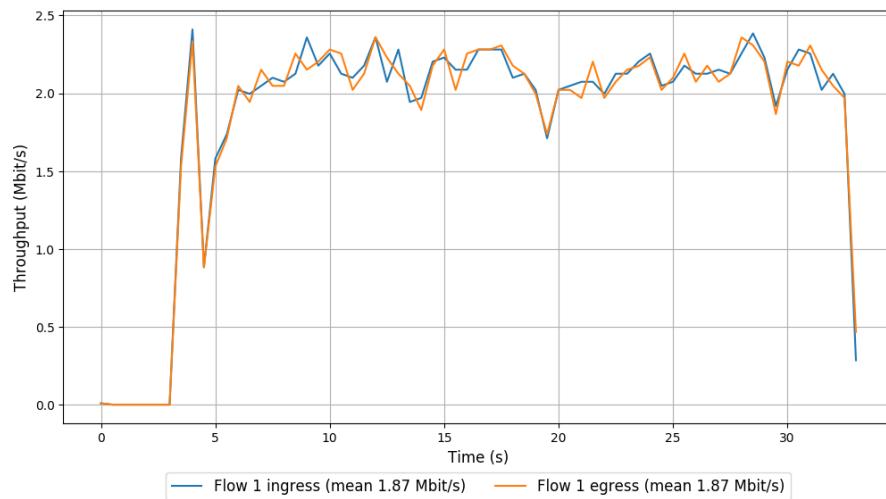


Run 1: Statistics of Copa

```
Start at: Tue, 13 Jun 2017 18:30:31 +0000
End at: Tue, 13 Jun 2017 18:31:01 +0000
Local clock offset: 2.041 ms
Remote clock offset: 2.182 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:13:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.87 Mbit/s
95th percentile per-packet one-way delay: 45.252 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 1.87 Mbit/s
95th percentile per-packet one-way delay: 45.252 ms
Loss rate: 0.04%
```

## Run 1: Report of Copa — Data Link

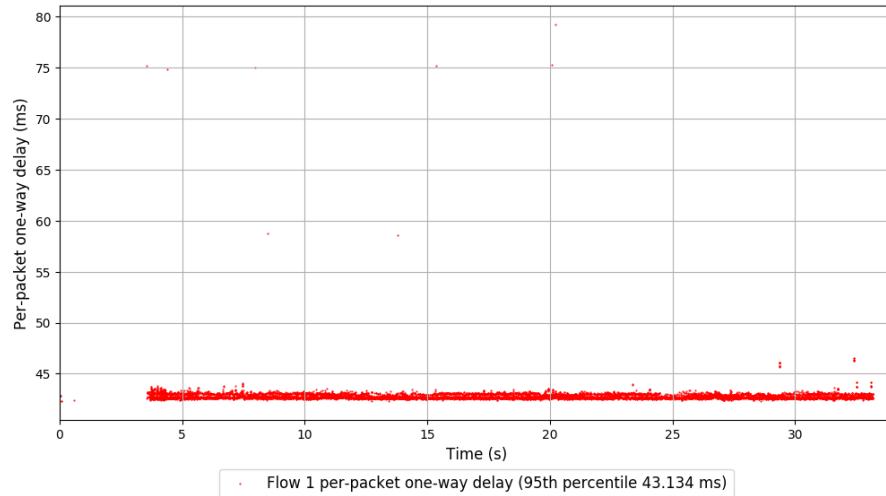
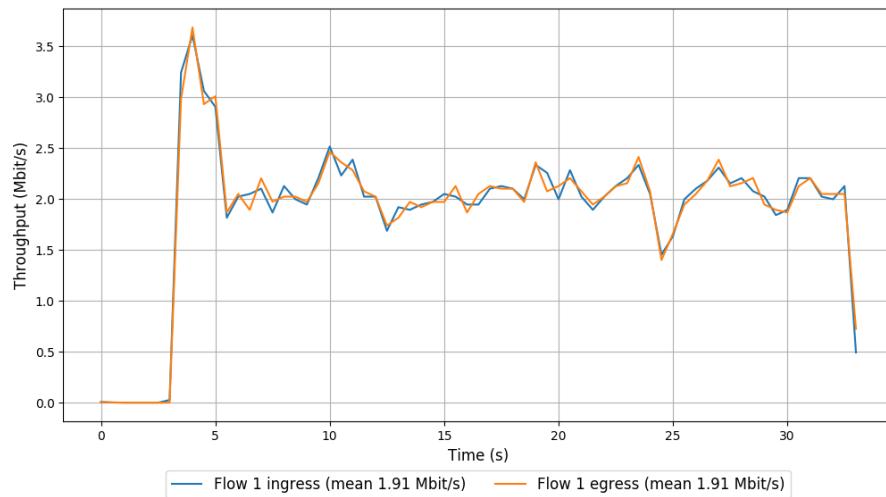


Run 2: Statistics of Copa

```
Start at: Tue, 13 Jun 2017 18:48:59 +0000
End at: Tue, 13 Jun 2017 18:49:29 +0000
Local clock offset: 8.614 ms
Remote clock offset: 1.329 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:13:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.91 Mbit/s
95th percentile per-packet one-way delay: 43.134 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.91 Mbit/s
95th percentile per-packet one-way delay: 43.134 ms
Loss rate: 0.00%
```

## Run 2: Report of Copa — Data Link

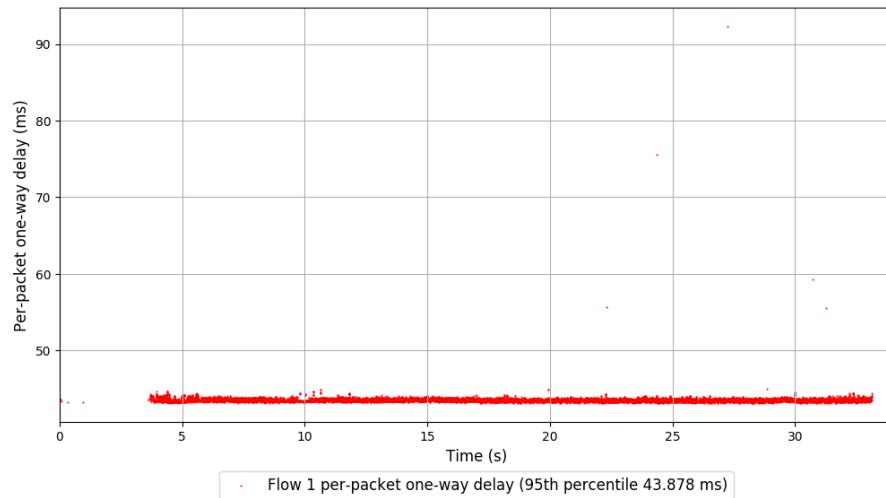
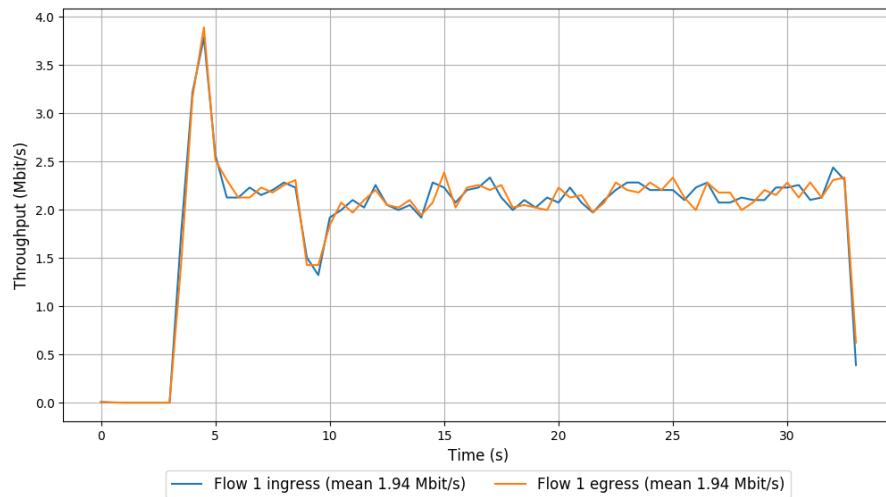


Run 3: Statistics of Copa

```
Start at: Tue, 13 Jun 2017 19:07:33 +0000
End at: Tue, 13 Jun 2017 19:08:03 +0000
Local clock offset: 2.581 ms
Remote clock offset: 0.124 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:13:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.94 Mbit/s
95th percentile per-packet one-way delay: 43.878 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.94 Mbit/s
95th percentile per-packet one-way delay: 43.878 ms
Loss rate: 0.00%
```

### Run 3: Report of Copa — Data Link

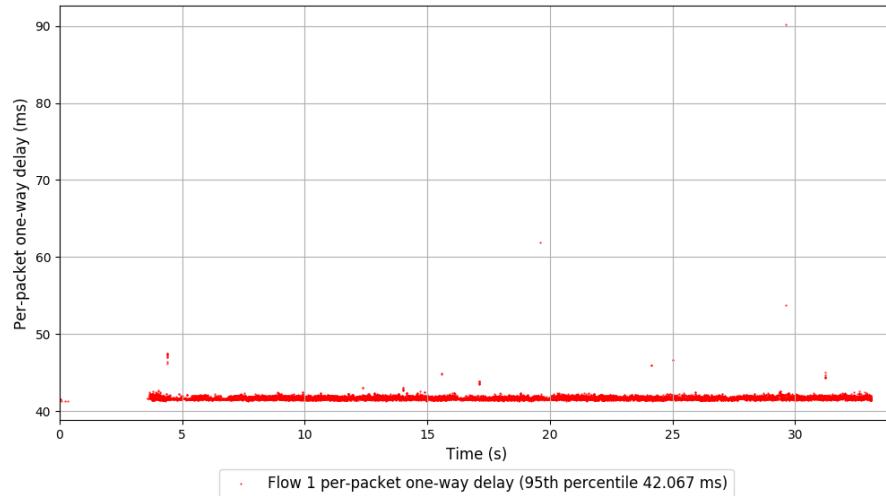
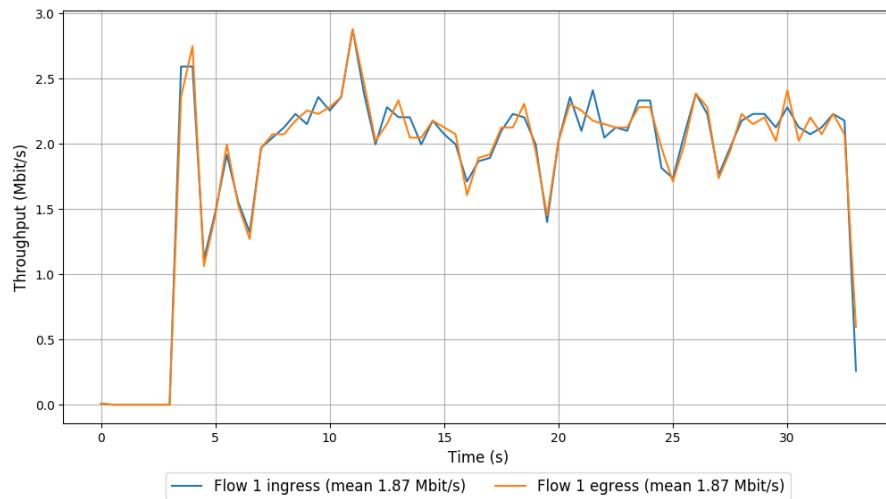


Run 4: Statistics of Copa

```
Start at: Tue, 13 Jun 2017 19:25:49 +0000
End at: Tue, 13 Jun 2017 19:26:19 +0000
Local clock offset: -5.278 ms
Remote clock offset: 0.978 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:13:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.87 Mbit/s
95th percentile per-packet one-way delay: 42.067 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.87 Mbit/s
95th percentile per-packet one-way delay: 42.067 ms
Loss rate: 0.00%
```

## Run 4: Report of Copa — Data Link

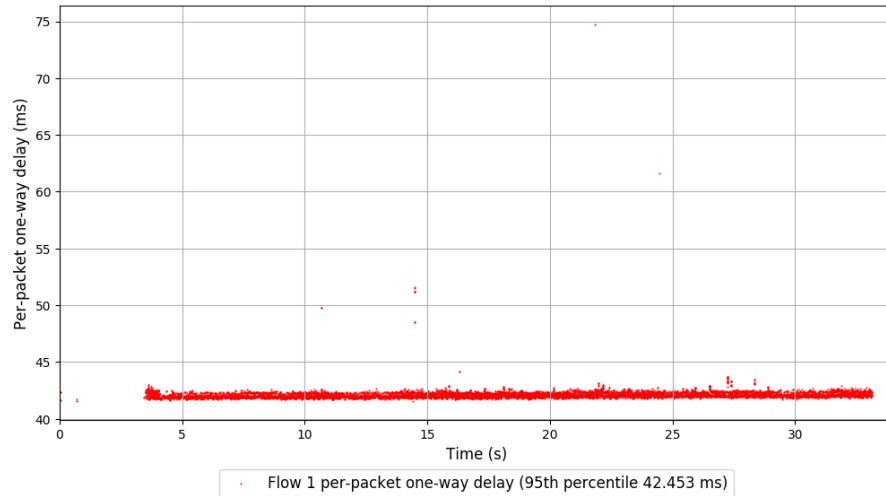
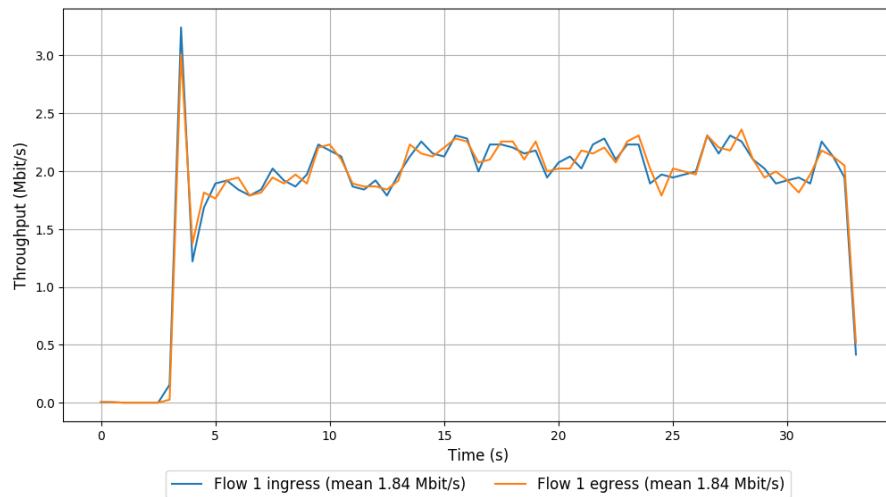


Run 5: Statistics of Copa

```
Start at: Tue, 13 Jun 2017 19:44:42 +0000
End at: Tue, 13 Jun 2017 19:45:12 +0000
Local clock offset: 1.637 ms
Remote clock offset: 0.087 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:13:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.84 Mbit/s
95th percentile per-packet one-way delay: 42.453 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 1.84 Mbit/s
95th percentile per-packet one-way delay: 42.453 ms
Loss rate: 0.02%
```

## Run 5: Report of Copa — Data Link

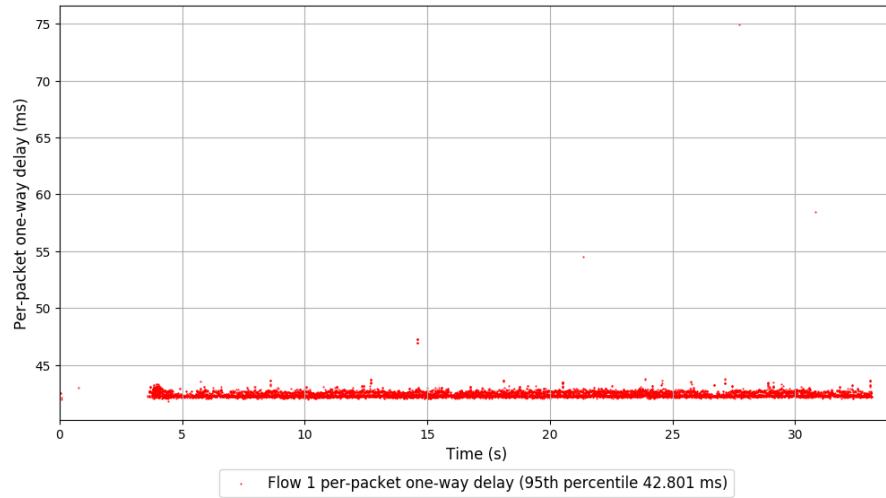
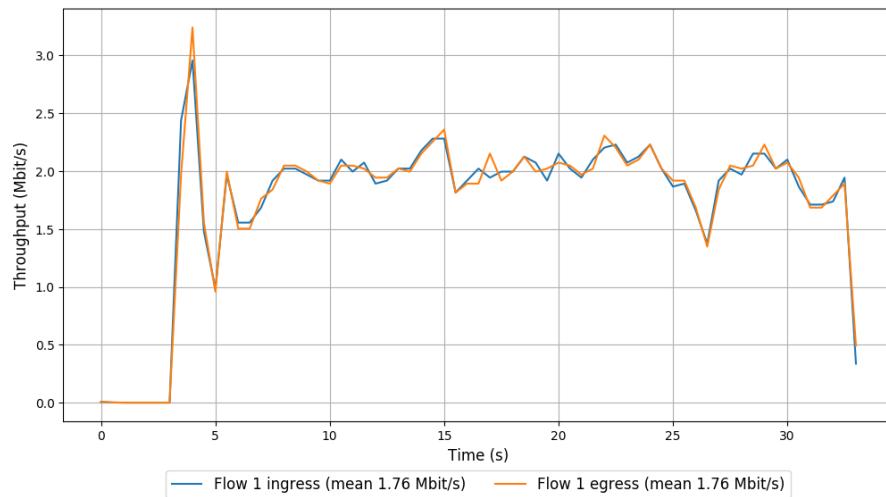


Run 6: Statistics of Copa

```
Start at: Tue, 13 Jun 2017 20:02:47 +0000
End at: Tue, 13 Jun 2017 20:03:17 +0000
Local clock offset: 2.278 ms
Remote clock offset: 0.551 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:13:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.76 Mbit/s
95th percentile per-packet one-way delay: 42.801 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.76 Mbit/s
95th percentile per-packet one-way delay: 42.801 ms
Loss rate: 0.00%
```

## Run 6: Report of Copa — Data Link

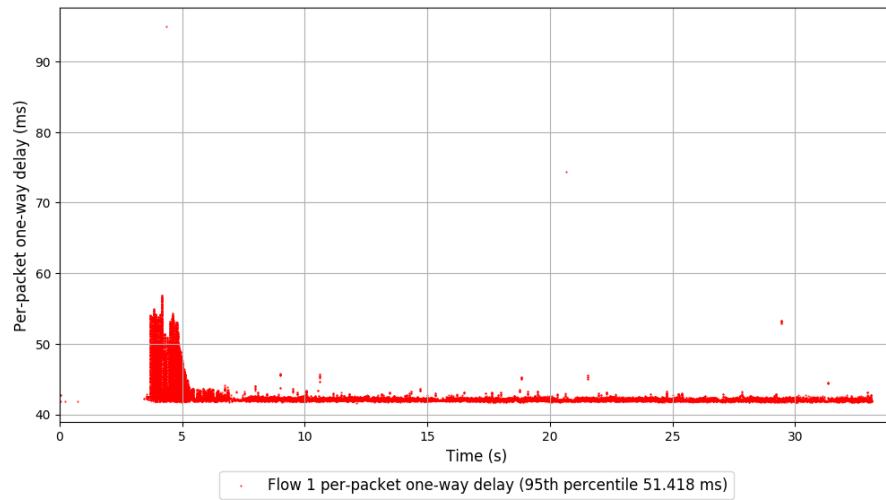
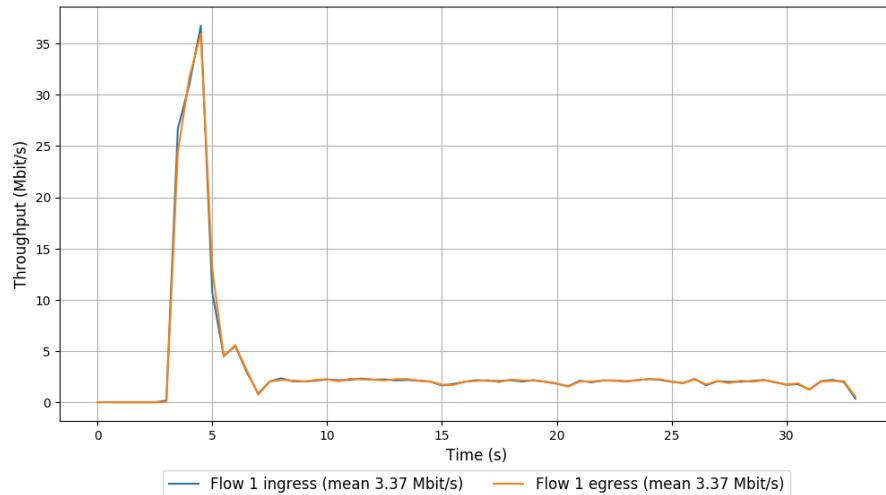


Run 7: Statistics of Copa

```
Start at: Tue, 13 Jun 2017 20:21:26 +0000
End at: Tue, 13 Jun 2017 20:21:56 +0000
Local clock offset: 1.645 ms
Remote clock offset: 0.403 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:14:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.37 Mbit/s
95th percentile per-packet one-way delay: 51.418 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 3.37 Mbit/s
95th percentile per-packet one-way delay: 51.418 ms
Loss rate: 0.00%
```

## Run 7: Report of Copa — Data Link

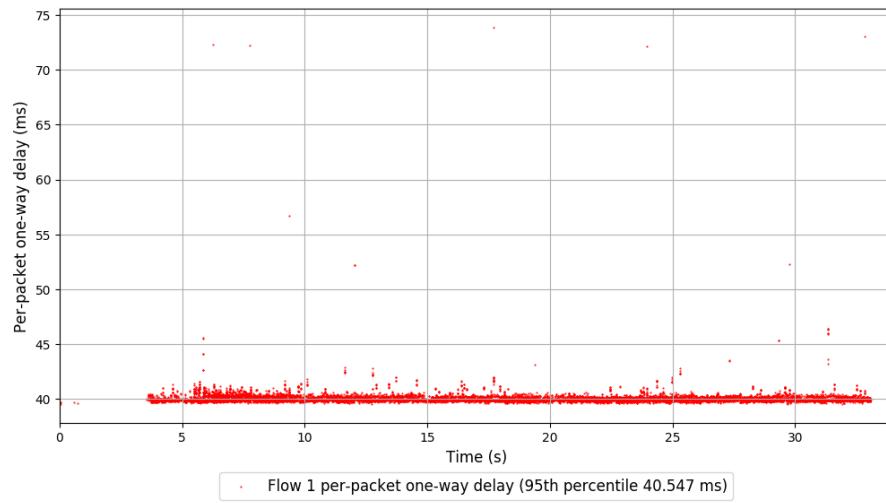
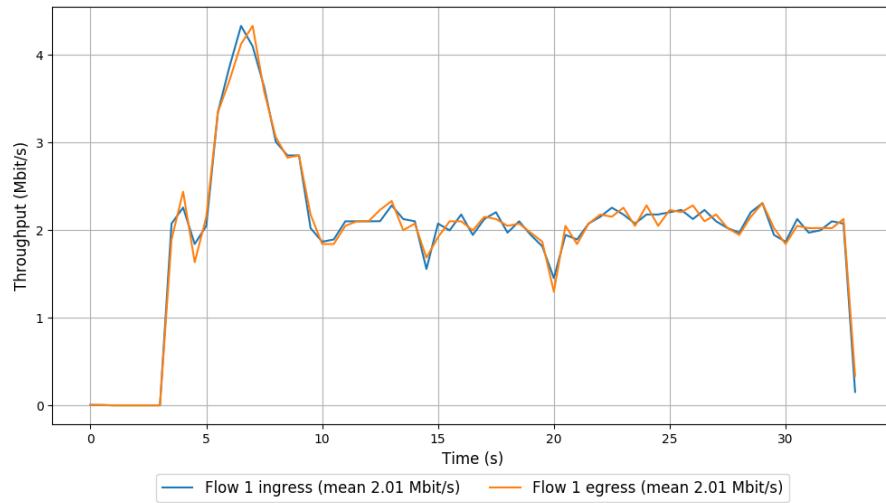


Run 8: Statistics of Copa

```
Start at: Tue, 13 Jun 2017 20:39:56 +0000
End at: Tue, 13 Jun 2017 20:40:26 +0000
Local clock offset: 2.439 ms
Remote clock offset: 0.381 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:14:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.01 Mbit/s
95th percentile per-packet one-way delay: 40.547 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.01 Mbit/s
95th percentile per-packet one-way delay: 40.547 ms
Loss rate: 0.00%
```

## Run 8: Report of Copa — Data Link

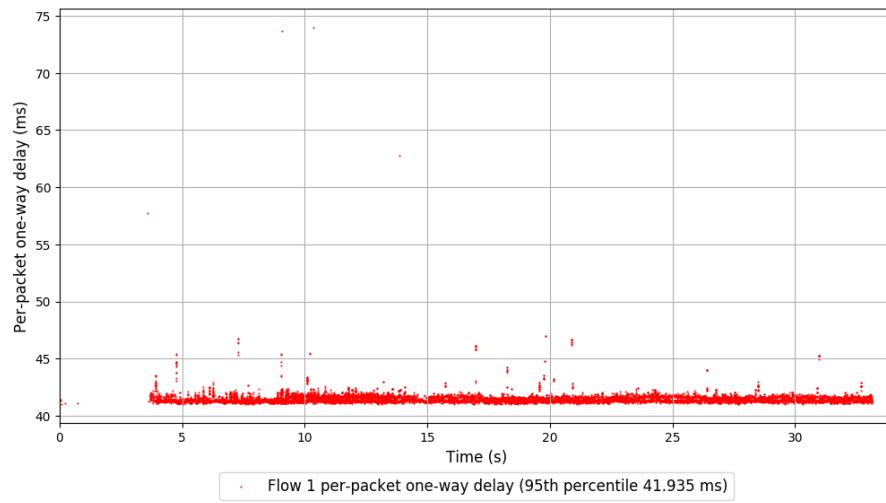
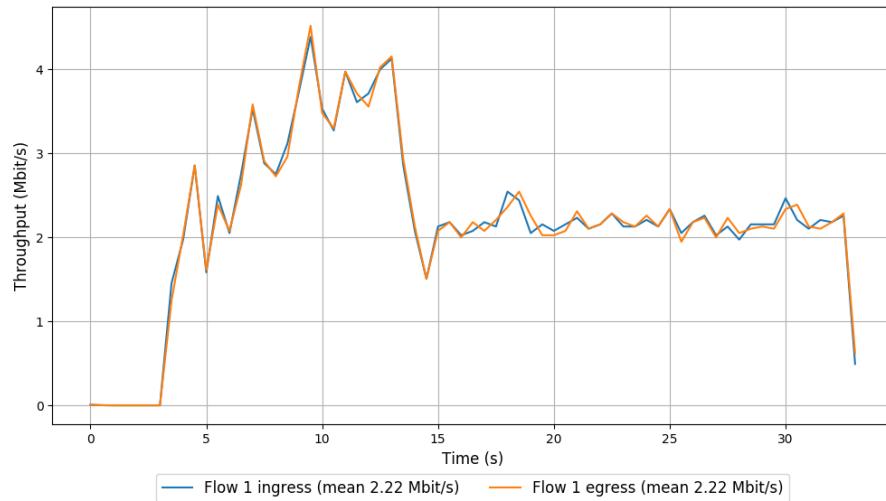


Run 9: Statistics of Copa

```
Start at: Tue, 13 Jun 2017 20:58:23 +0000
End at: Tue, 13 Jun 2017 20:58:53 +0000
Local clock offset: -1.102 ms
Remote clock offset: 0.027 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:14:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.22 Mbit/s
95th percentile per-packet one-way delay: 41.935 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 2.22 Mbit/s
95th percentile per-packet one-way delay: 41.935 ms
Loss rate: 0.05%
```

## Run 9: Report of Copa — Data Link

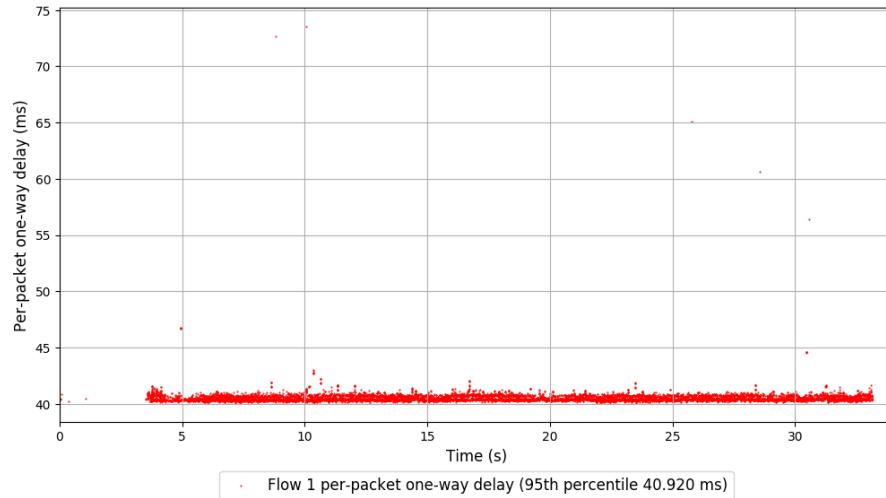
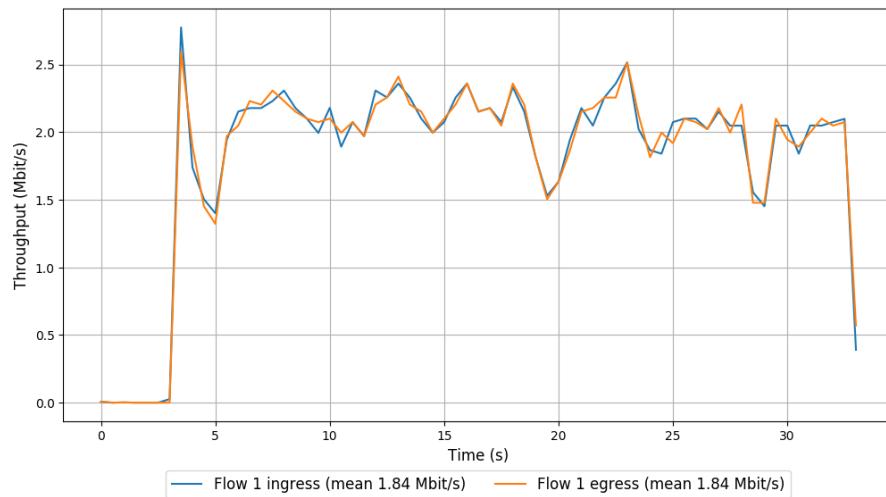


Run 10: Statistics of Copa

```
Start at: Tue, 13 Jun 2017 21:17:13 +0000
End at: Tue, 13 Jun 2017 21:17:43 +0000
Local clock offset: 3.33 ms
Remote clock offset: -0.038 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:14:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.84 Mbit/s
95th percentile per-packet one-way delay: 40.920 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.84 Mbit/s
95th percentile per-packet one-way delay: 40.920 ms
Loss rate: 0.00%
```

## Run 10: Report of Copa — Data Link



```
Run 1: Statistics of TCP Cubic
```

```
Start at: Tue, 13 Jun 2017 18:26:46 +0000
```

```
End at: Tue, 13 Jun 2017 18:27:16 +0000
```

```
Local clock offset: 6.568 ms
```

```
Remote clock offset: 1.012 ms
```

```
# Below is generated by plot.py at Wed, 14 Jun 2017 02:14:52 +0000
```

```
# Datalink statistics
```

```
-- Total of 1 flow:
```

```
Average throughput: 67.75 Mbit/s
```

```
95th percentile per-packet one-way delay: 71.668 ms
```

```
Loss rate: 0.26%
```

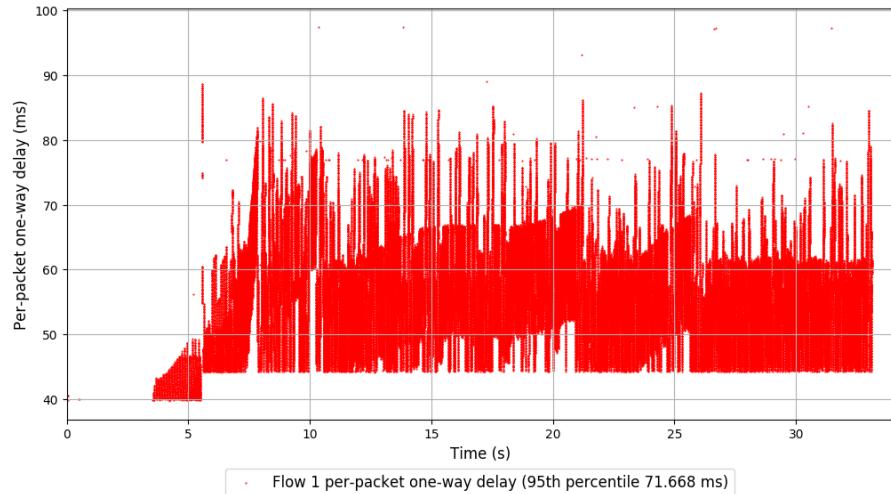
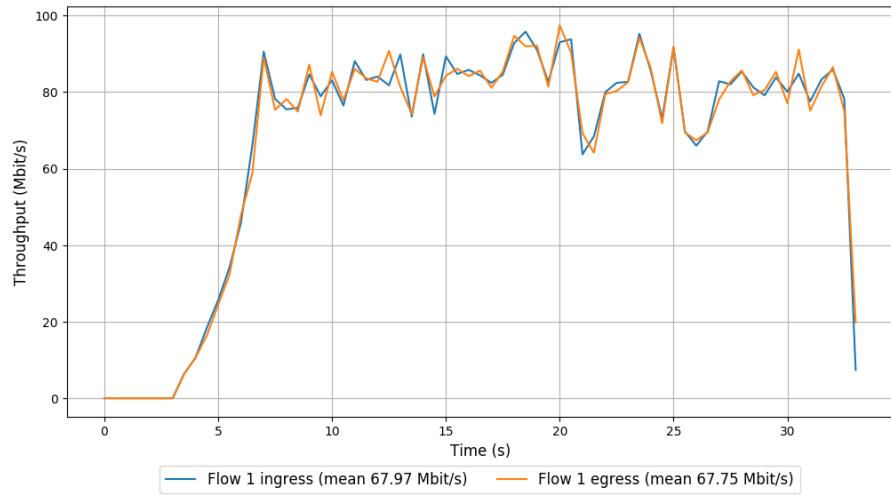
```
-- Flow 1:
```

```
Average throughput: 67.75 Mbit/s
```

```
95th percentile per-packet one-way delay: 71.668 ms
```

```
Loss rate: 0.26%
```

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

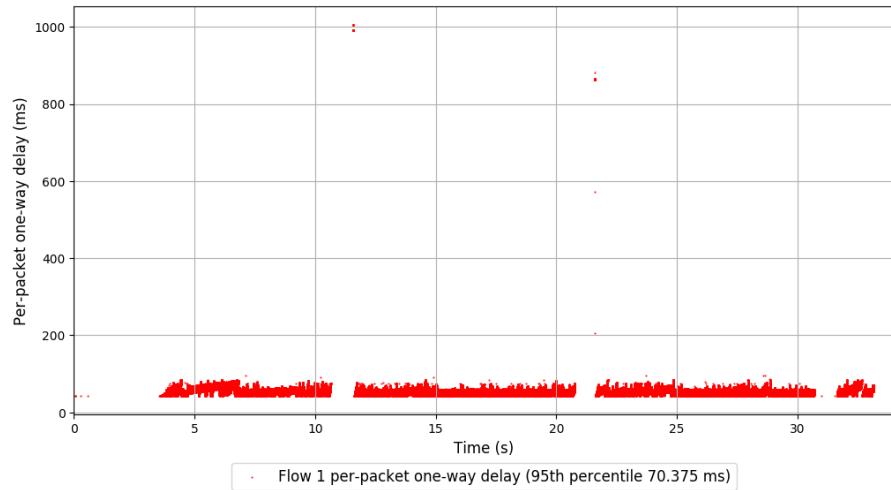
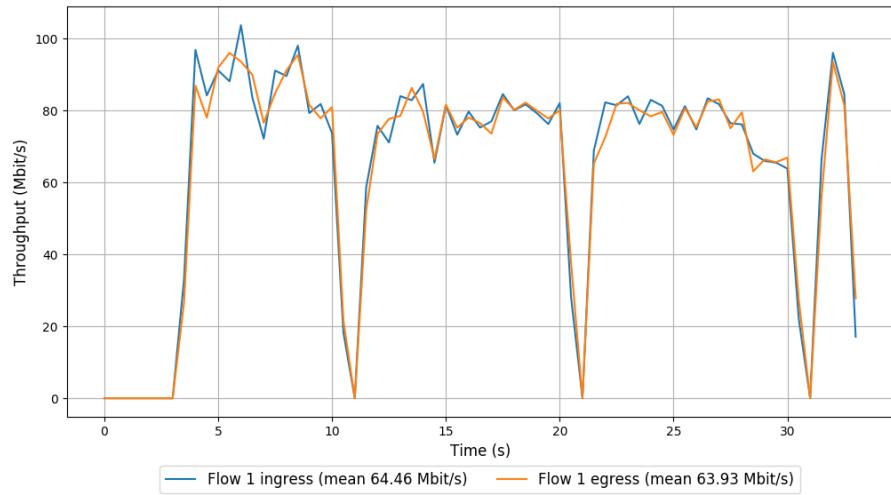


Run 2: Statistics of TCP Cubic

```
Start at: Tue, 13 Jun 2017 18:45:05 +0000
End at: Tue, 13 Jun 2017 18:45:35 +0000
Local clock offset: 4.438 ms
Remote clock offset: 1.285 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:14:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 63.93 Mbit/s
95th percentile per-packet one-way delay: 70.375 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 63.93 Mbit/s
95th percentile per-packet one-way delay: 70.375 ms
Loss rate: 0.76%
```

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



Run 3: Statistics of TCP Cubic

Start at: Tue, 13 Jun 2017 19:04:13 +0000  
End at: Tue, 13 Jun 2017 19:04:43 +0000  
Local clock offset: -0.277 ms  
Remote clock offset: 1.299 ms

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

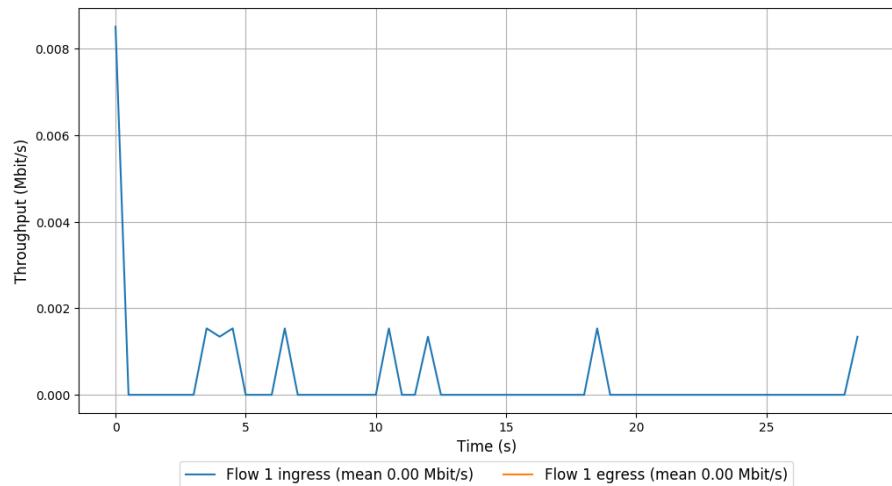
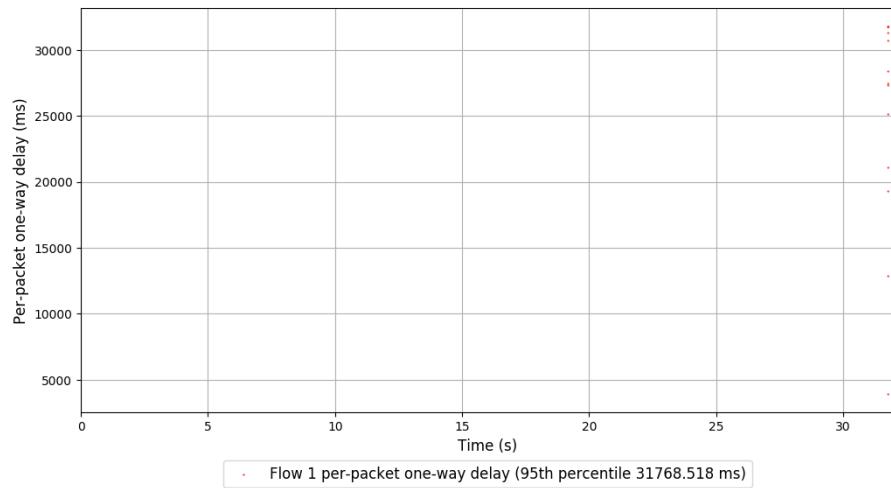
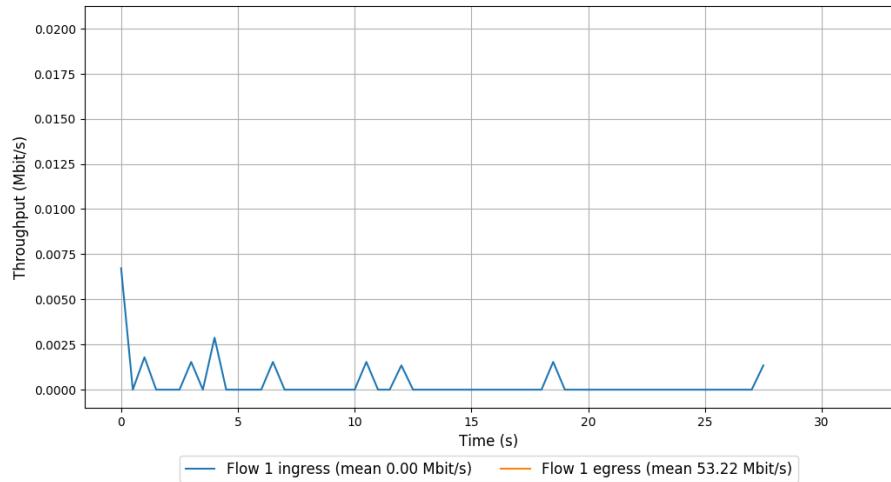


Figure is missing

Run 4: Statistics of TCP Cubic

Start at: Tue, 13 Jun 2017 19:22:29 +0000  
End at: Tue, 13 Jun 2017 19:22:59 +0000  
Local clock offset: 1.961 ms  
Remote clock offset: 0.067 ms

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

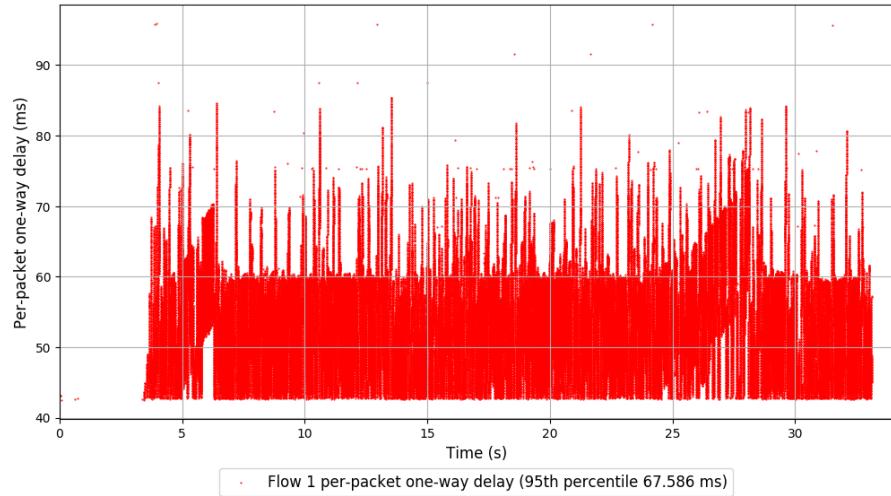
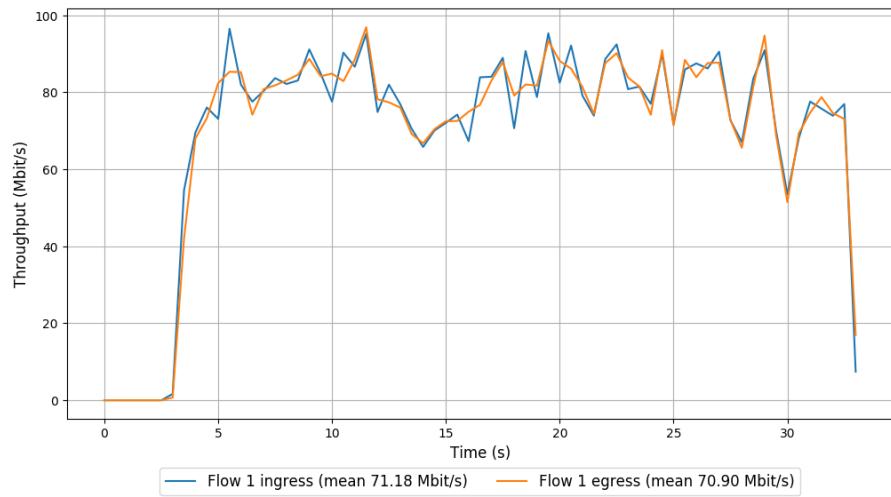


Run 5: Statistics of TCP Cubic

```
Start at: Tue, 13 Jun 2017 19:40:56 +0000
End at: Tue, 13 Jun 2017 19:41:26 +0000
Local clock offset: 2.79 ms
Remote clock offset: 0.656 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:16:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.90 Mbit/s
95th percentile per-packet one-way delay: 67.586 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 70.90 Mbit/s
95th percentile per-packet one-way delay: 67.586 ms
Loss rate: 0.44%
```

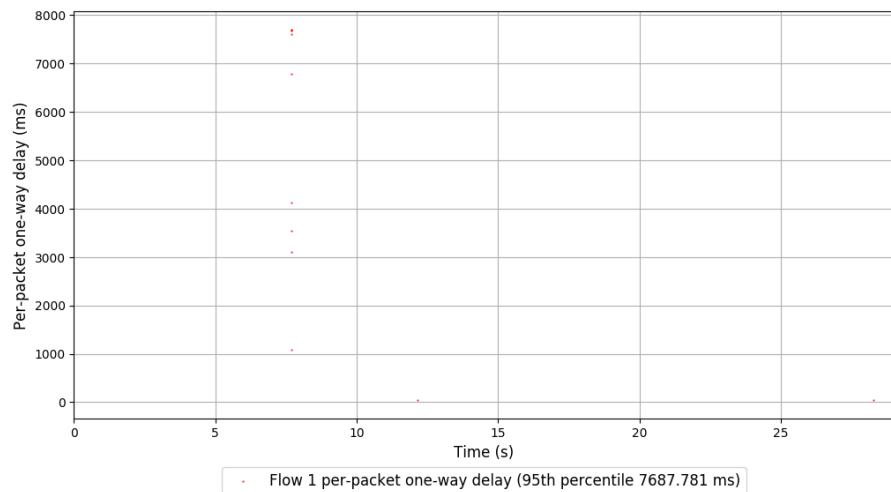
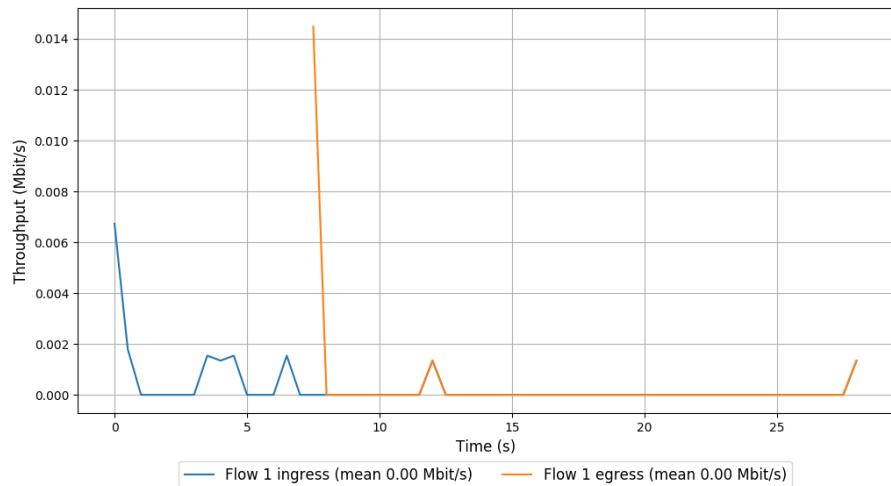
### Run 5: Report of TCP Cubic — Data Link



Run 6: Statistics of TCP Cubic

Start at: Tue, 13 Jun 2017 19:59:26 +0000  
End at: Tue, 13 Jun 2017 19:59:56 +0000  
Local clock offset: -0.196 ms  
Remote clock offset: 0.068 ms

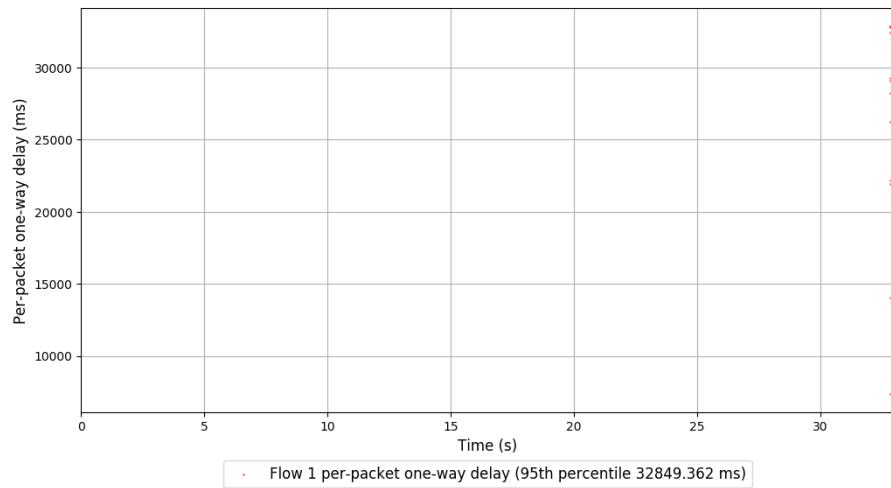
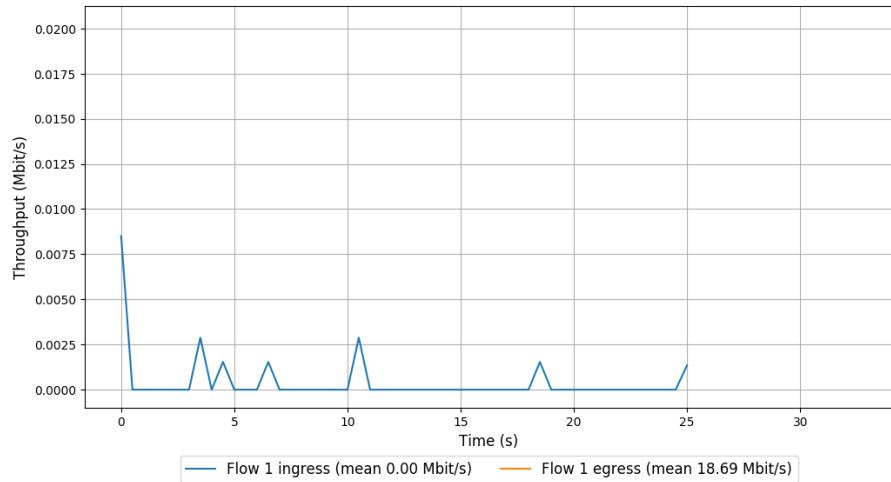
## Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: Tue, 13 Jun 2017 20:18:06 +0000  
End at: Tue, 13 Jun 2017 20:18:36 +0000  
Local clock offset: 1.269 ms  
Remote clock offset: -0.925 ms

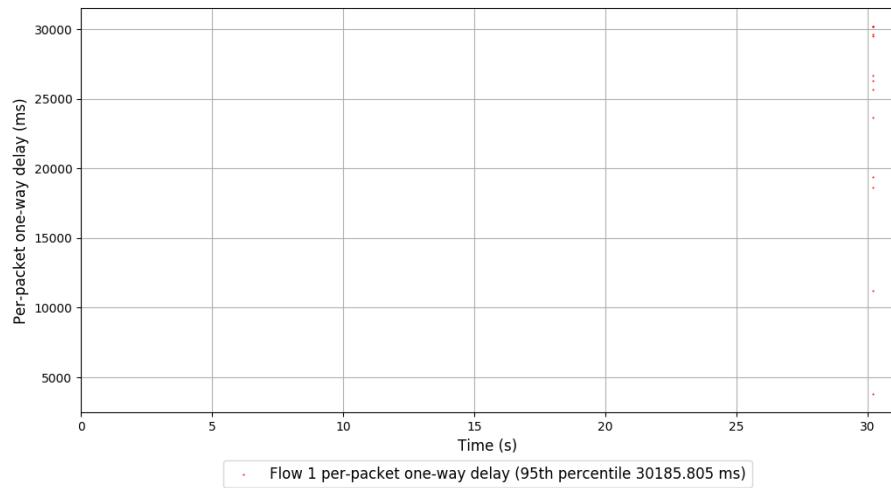
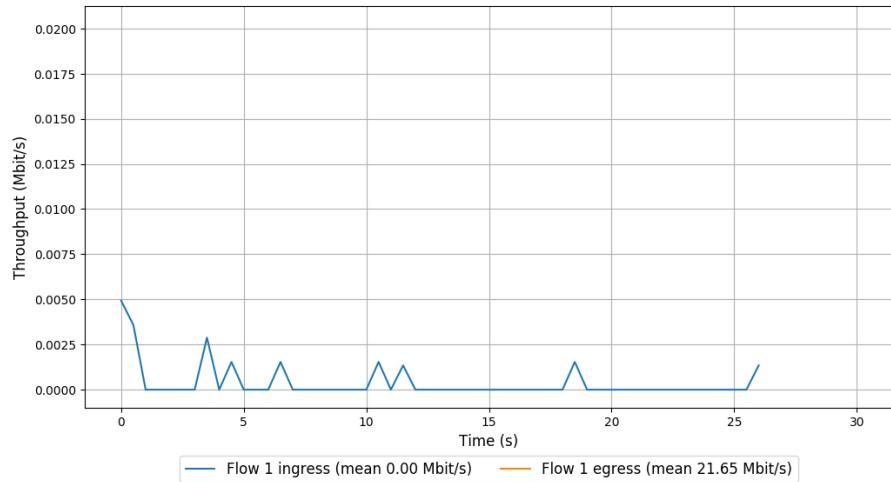
## Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: Tue, 13 Jun 2017 20:36:36 +0000  
End at: Tue, 13 Jun 2017 20:37:06 +0000  
Local clock offset: -4.147 ms  
Remote clock offset: -0.477 ms

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



Run 9: Statistics of TCP Cubic

Start at: Tue, 13 Jun 2017 20:55:03 +0000  
End at: Tue, 13 Jun 2017 20:55:33 +0000  
Local clock offset: 1.701 ms  
Remote clock offset: 0.389 ms

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

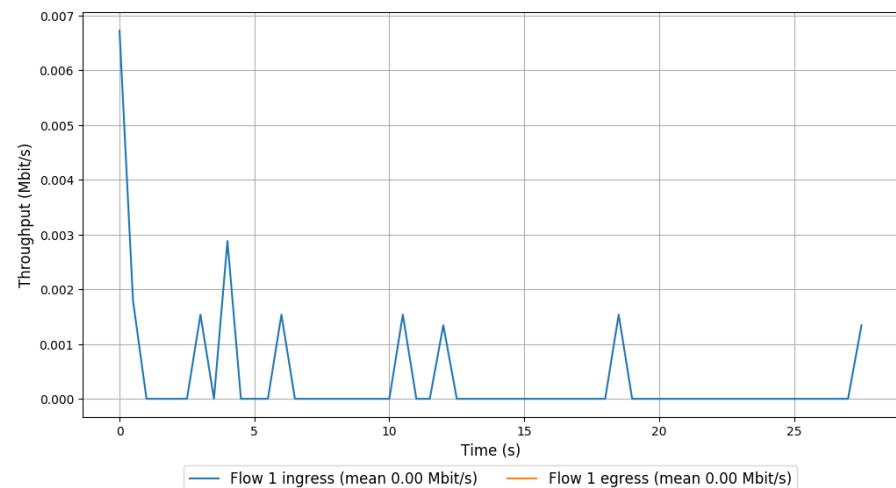
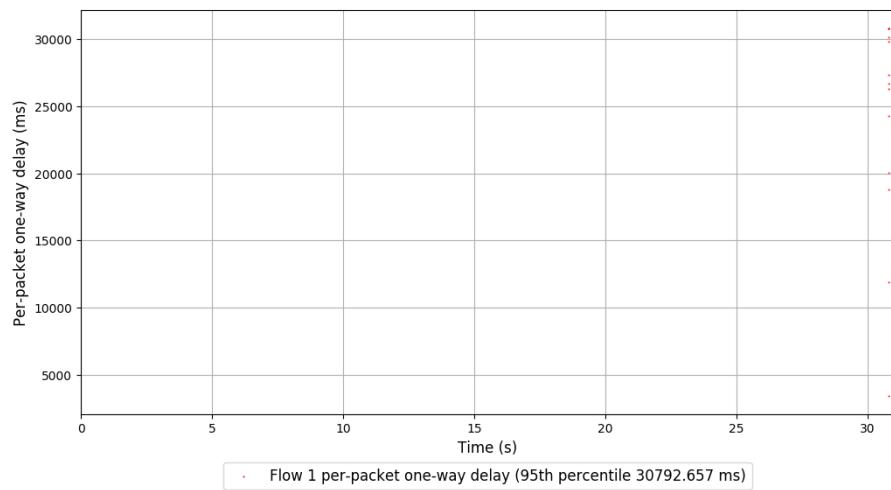
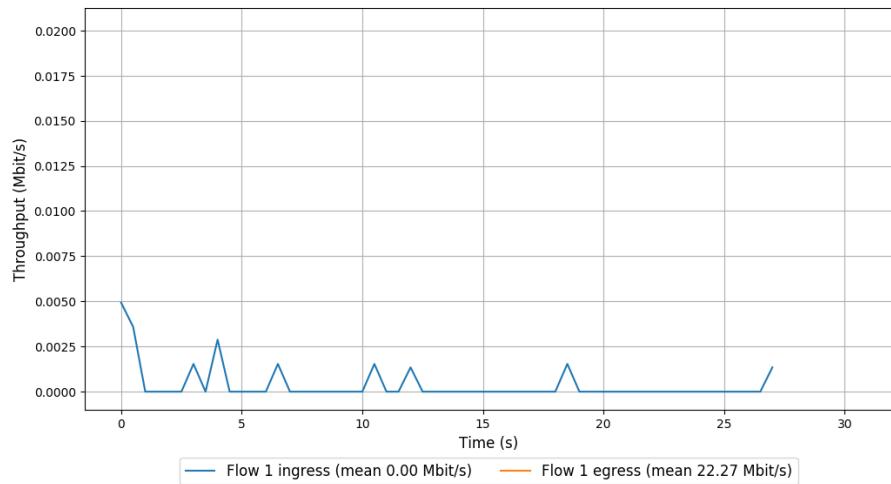


Figure is missing

Run 10: Statistics of TCP Cubic

Start at: Tue, 13 Jun 2017 21:13:52 +0000  
End at: Tue, 13 Jun 2017 21:14:22 +0000  
Local clock offset: 3.049 ms  
Remote clock offset: 0.162 ms

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



```
Run 1: Statistics of KohoCC
```

```
Start at: Tue, 13 Jun 2017 18:37:47 +0000
```

```
End at: Tue, 13 Jun 2017 18:38:17 +0000
```

```
Local clock offset: 6.113 ms
```

```
Remote clock offset: 1.913 ms
```

```
# Below is generated by plot.py at Wed, 14 Jun 2017 02:16:10 +0000
```

```
# Datalink statistics
```

```
-- Total of 1 flow:
```

```
Average throughput: 19.36 Mbit/s
```

```
95th percentile per-packet one-way delay: 48.305 ms
```

```
Loss rate: 0.00%
```

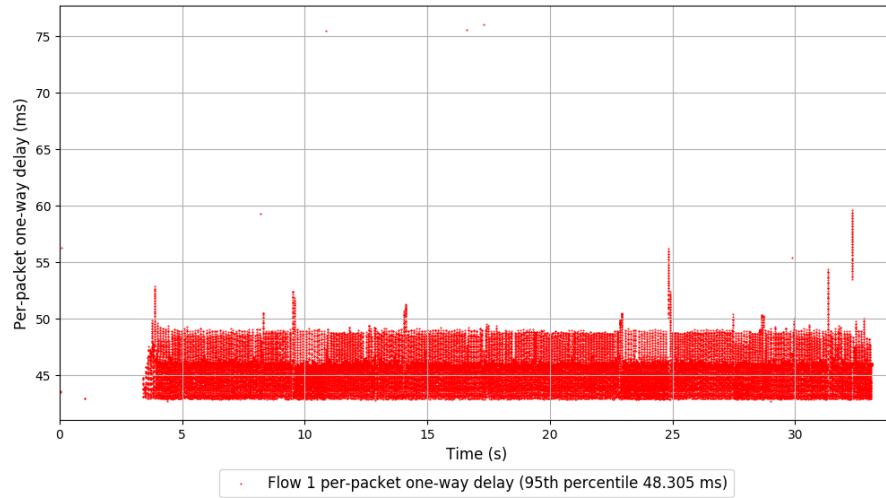
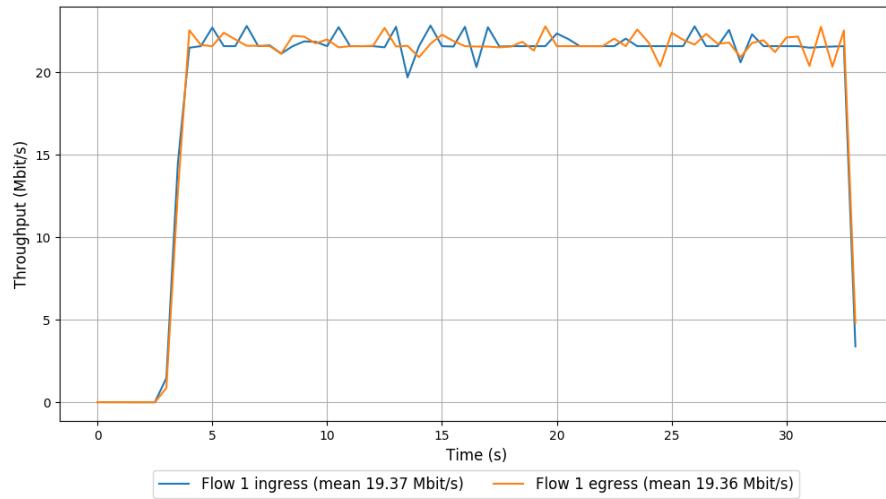
```
-- Flow 1:
```

```
Average throughput: 19.36 Mbit/s
```

```
95th percentile per-packet one-way delay: 48.305 ms
```

```
Loss rate: 0.00%
```

## Run 1: Report of KohoCC — Data Link

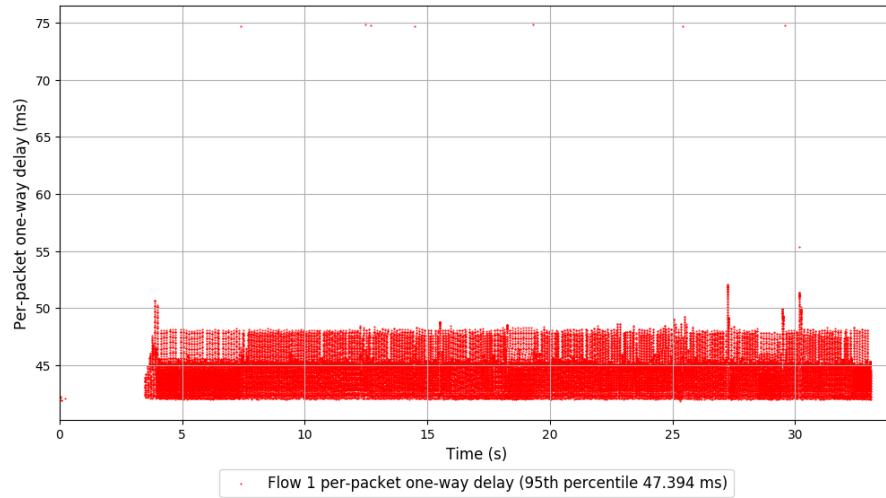
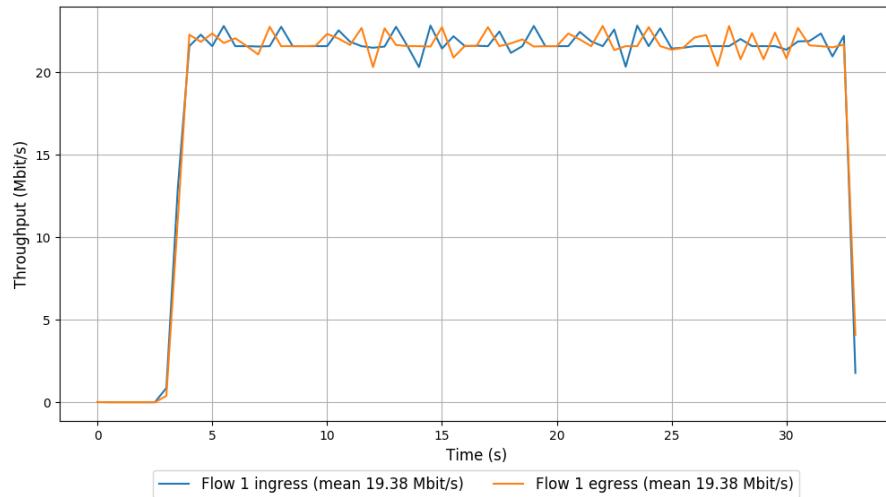


Run 2: Statistics of KohoCC

```
Start at: Tue, 13 Jun 2017 18:56:41 +0000
End at: Tue, 13 Jun 2017 18:57:11 +0000
Local clock offset: 2.42 ms
Remote clock offset: 1.881 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:16:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 19.38 Mbit/s
95th percentile per-packet one-way delay: 47.394 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 19.38 Mbit/s
95th percentile per-packet one-way delay: 47.394 ms
Loss rate: 0.00%
```

## Run 2: Report of KohoCC — Data Link

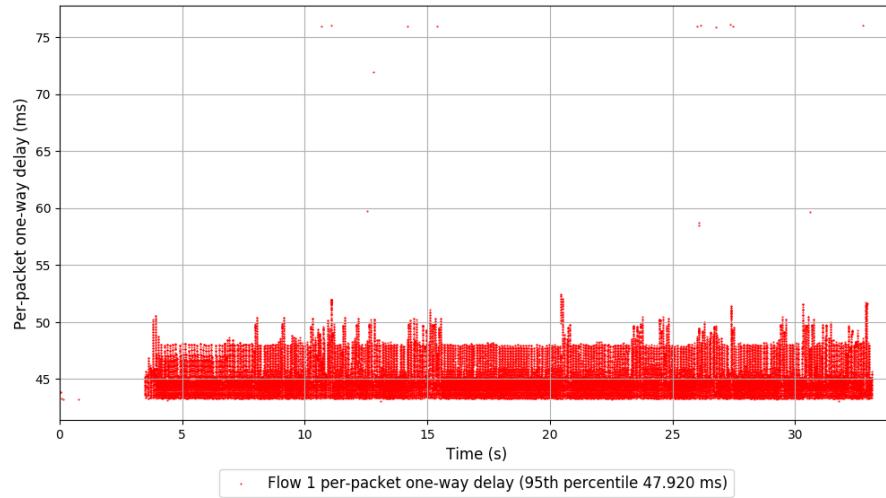
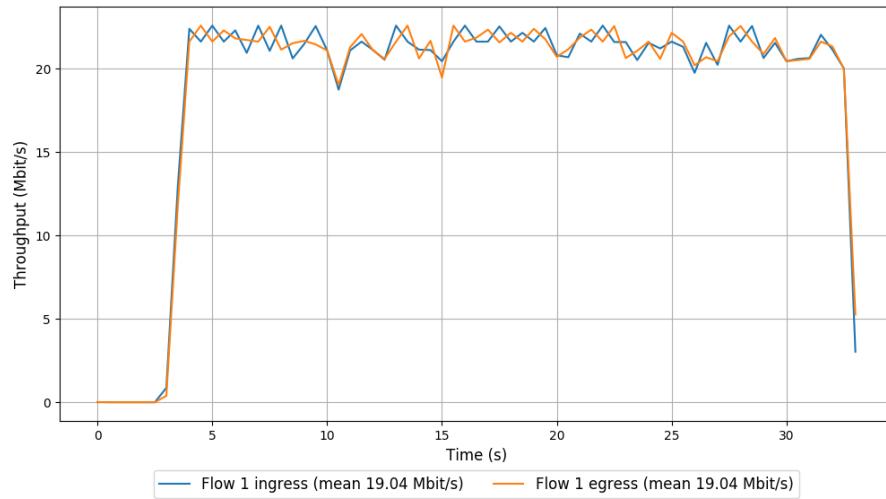


Run 3: Statistics of KohoCC

```
Start at: Tue, 13 Jun 2017 19:15:03 +0000
End at: Tue, 13 Jun 2017 19:15:33 +0000
Local clock offset: 1.94 ms
Remote clock offset: 1.105 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:16:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 19.04 Mbit/s
95th percentile per-packet one-way delay: 47.920 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 19.04 Mbit/s
95th percentile per-packet one-way delay: 47.920 ms
Loss rate: 0.00%
```

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

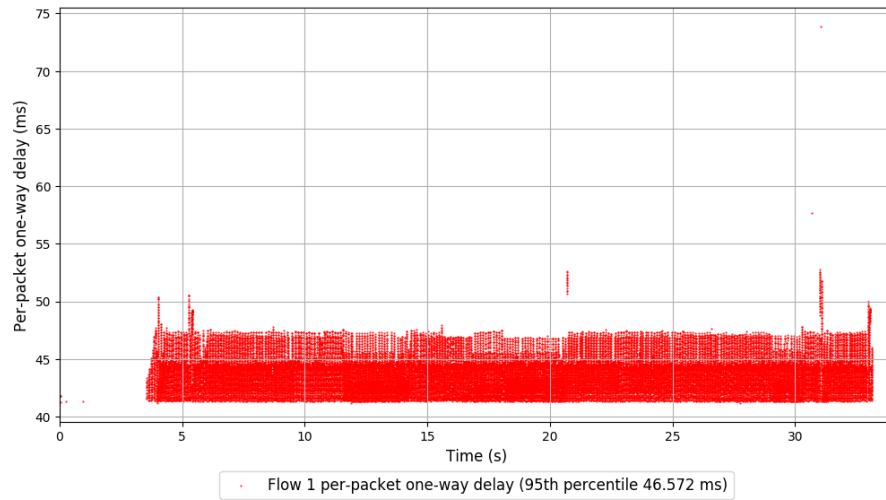
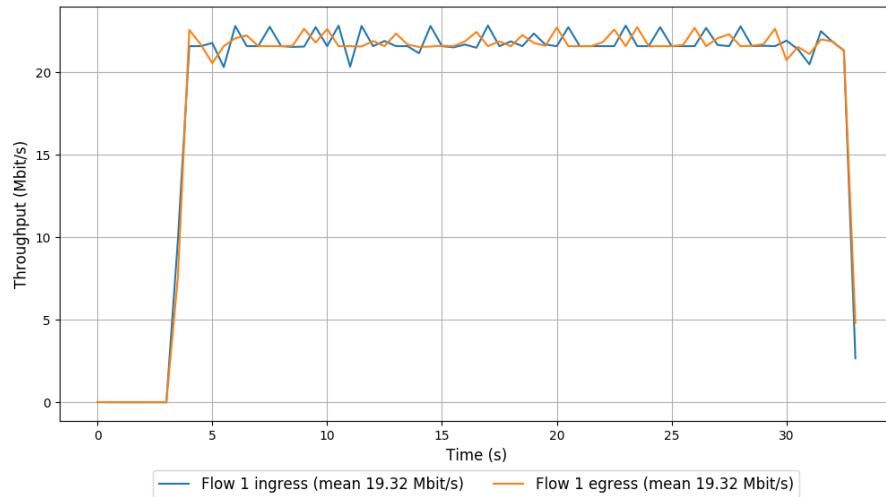


Run 4: Statistics of KohoCC

```
Start at: Tue, 13 Jun 2017 19:33:32 +0000
End at: Tue, 13 Jun 2017 19:34:02 +0000
Local clock offset: 2.132 ms
Remote clock offset: -0.111 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:16:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 19.32 Mbit/s
95th percentile per-packet one-way delay: 46.572 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 19.32 Mbit/s
95th percentile per-packet one-way delay: 46.572 ms
Loss rate: 0.00%
```

## Run 4: Report of KohoCC — Data Link

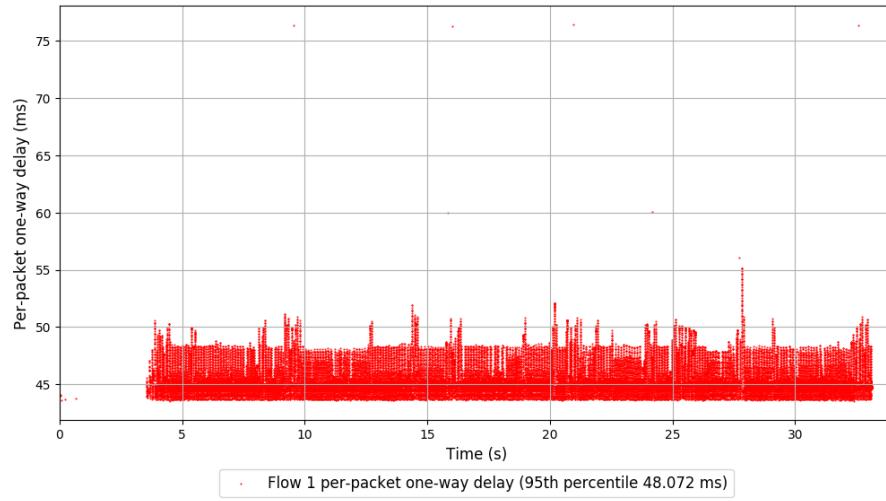
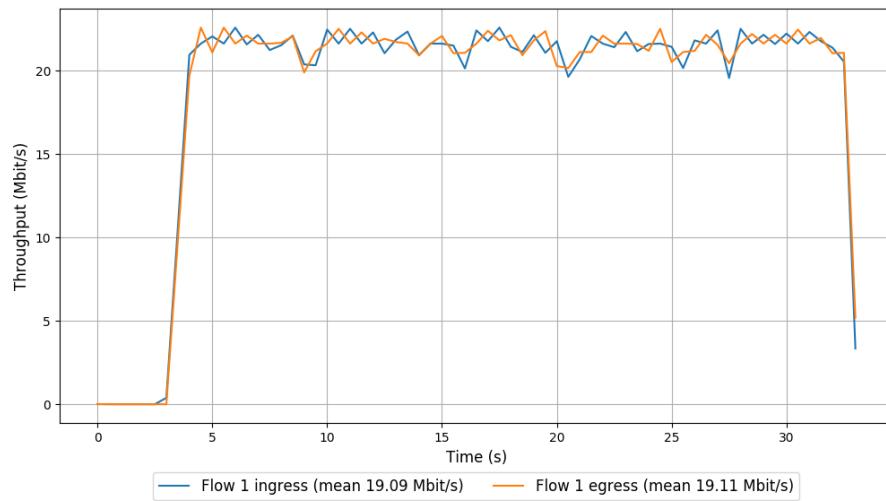


Run 5: Statistics of KohoCC

```
Start at: Tue, 13 Jun 2017 19:51:58 +0000
End at: Tue, 13 Jun 2017 19:52:28 +0000
Local clock offset: 2.263 ms
Remote clock offset: 0.493 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:16:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 19.11 Mbit/s
95th percentile per-packet one-way delay: 48.072 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 19.11 Mbit/s
95th percentile per-packet one-way delay: 48.072 ms
Loss rate: 0.00%
```

## Run 5: Report of KohoCC — Data Link

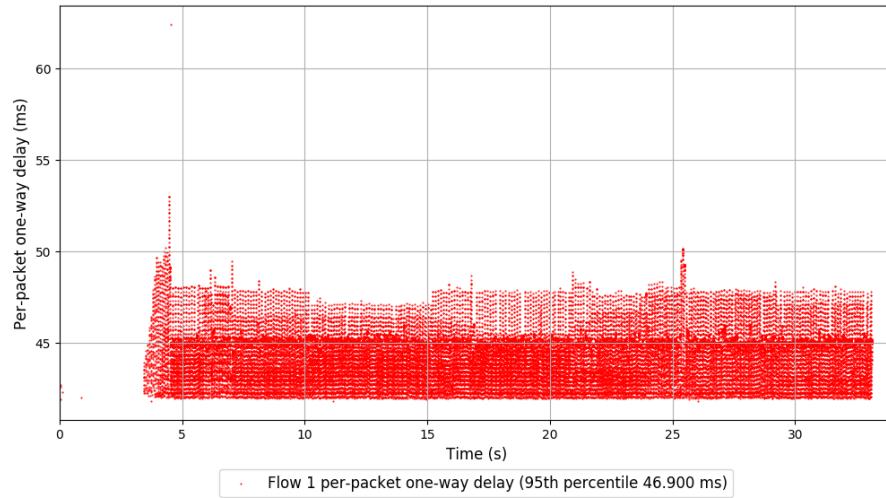
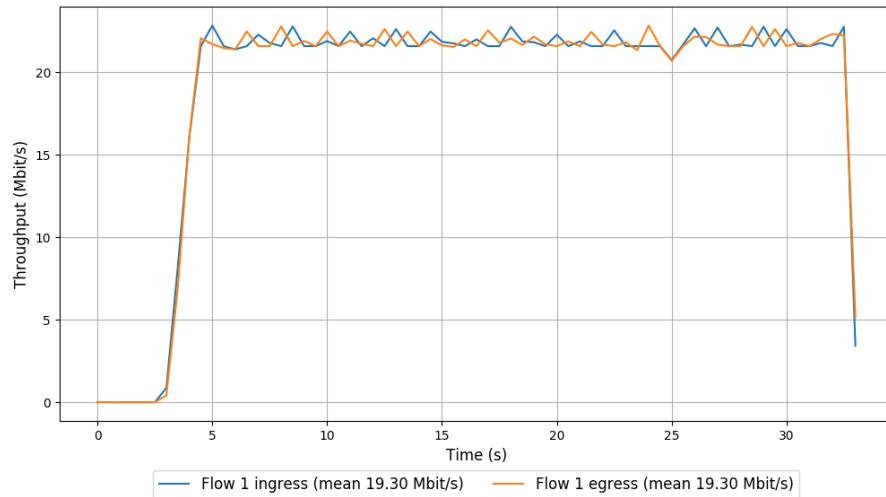


Run 6: Statistics of KohoCC

```
Start at: Tue, 13 Jun 2017 20:10:37 +0000
End at: Tue, 13 Jun 2017 20:11:07 +0000
Local clock offset: 3.285 ms
Remote clock offset: -0.142 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:16:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 19.30 Mbit/s
95th percentile per-packet one-way delay: 46.900 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 19.30 Mbit/s
95th percentile per-packet one-way delay: 46.900 ms
Loss rate: 0.00%
```

## Run 6: Report of KohoCC — Data Link



Run 7: Statistics of KohoCC

Start at: Tue, 13 Jun 2017 20:29:04 +0000

End at: Tue, 13 Jun 2017 20:29:34 +0000

Local clock offset: -3.788 ms

Remote clock offset: 0.684 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:17:03 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 19.34 Mbit/s

95th percentile per-packet one-way delay: 44.309 ms

Loss rate: 0.00%

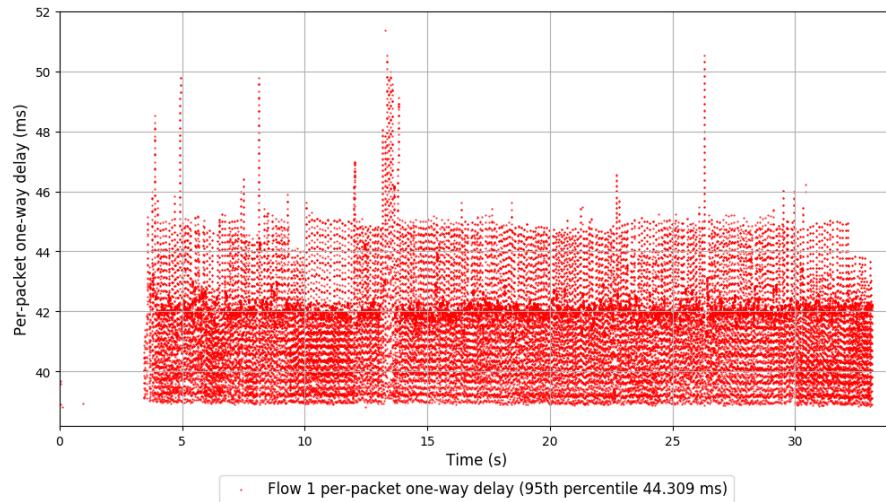
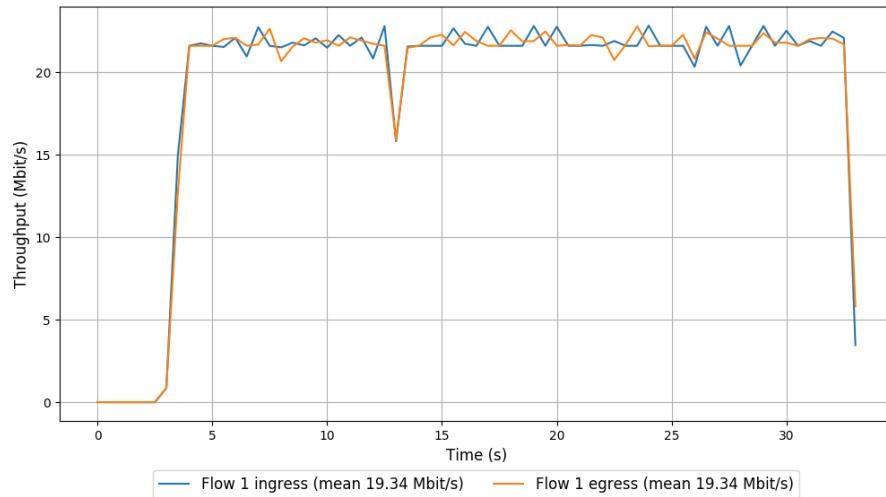
-- Flow 1:

Average throughput: 19.34 Mbit/s

95th percentile per-packet one-way delay: 44.309 ms

Loss rate: 0.00%

## Run 7: Report of KohoCC — Data Link

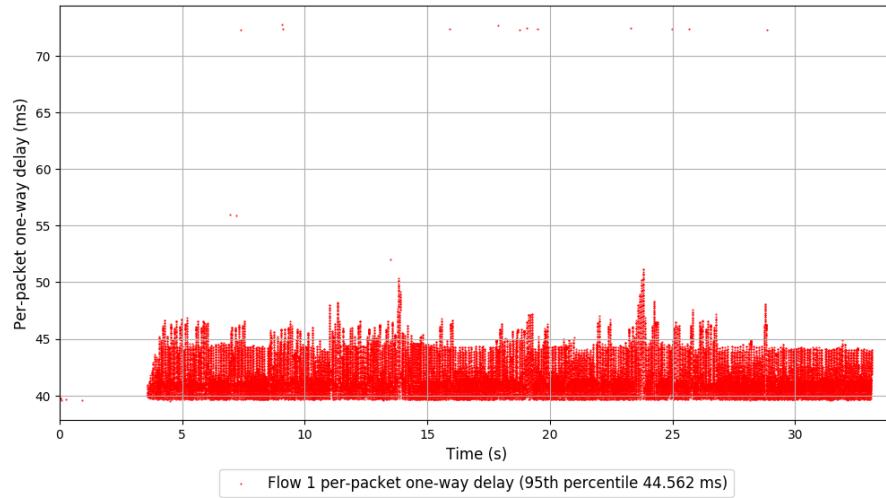
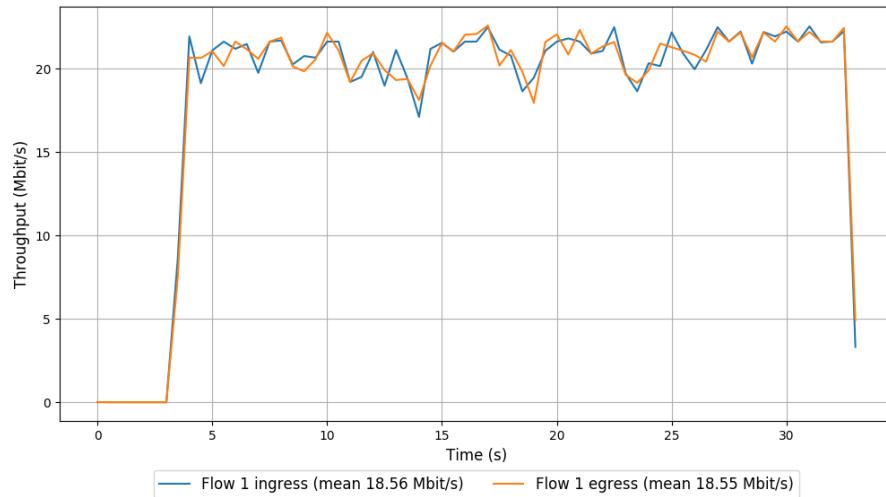


Run 8: Statistics of KohoCC

```
Start at: Tue, 13 Jun 2017 20:47:39 +0000
End at: Tue, 13 Jun 2017 20:48:09 +0000
Local clock offset: -1.508 ms
Remote clock offset: 0.433 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:17:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.55 Mbit/s
95th percentile per-packet one-way delay: 44.562 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 18.55 Mbit/s
95th percentile per-packet one-way delay: 44.562 ms
Loss rate: 0.00%
```

## Run 8: Report of KohoCC — Data Link

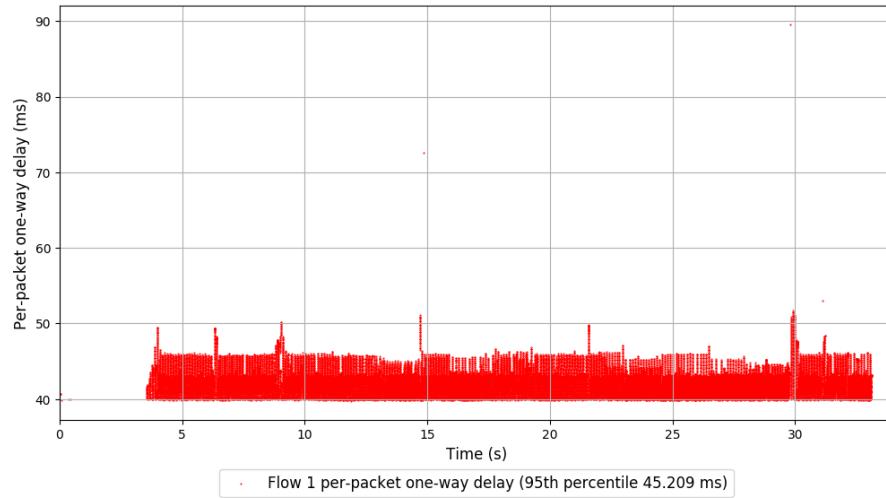
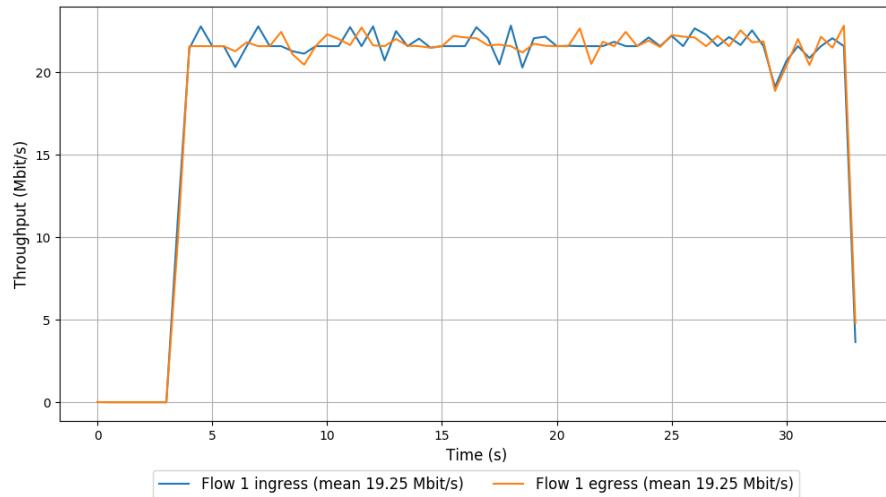


Run 9: Statistics of KohoCC

```
Start at: Tue, 13 Jun 2017 21:06:18 +0000
End at: Tue, 13 Jun 2017 21:06:48 +0000
Local clock offset: 0.77 ms
Remote clock offset: 0.422 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:17:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 19.25 Mbit/s
95th percentile per-packet one-way delay: 45.209 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 19.25 Mbit/s
95th percentile per-packet one-way delay: 45.209 ms
Loss rate: 0.00%
```

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

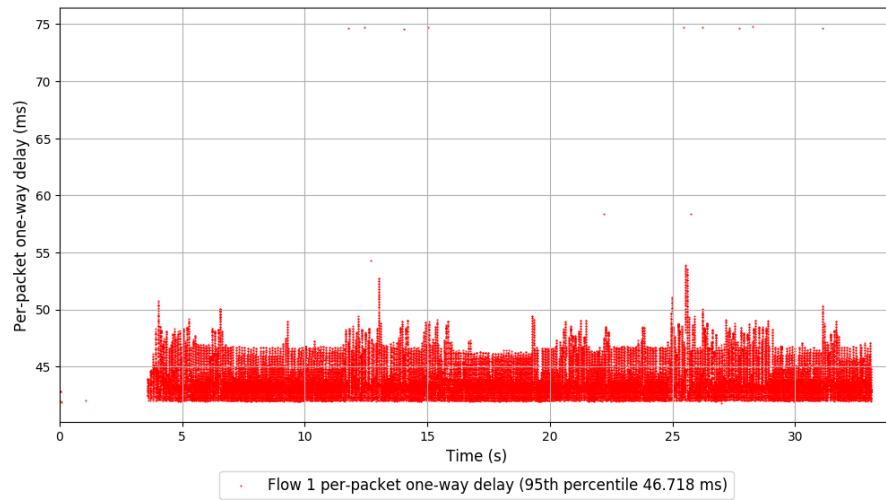
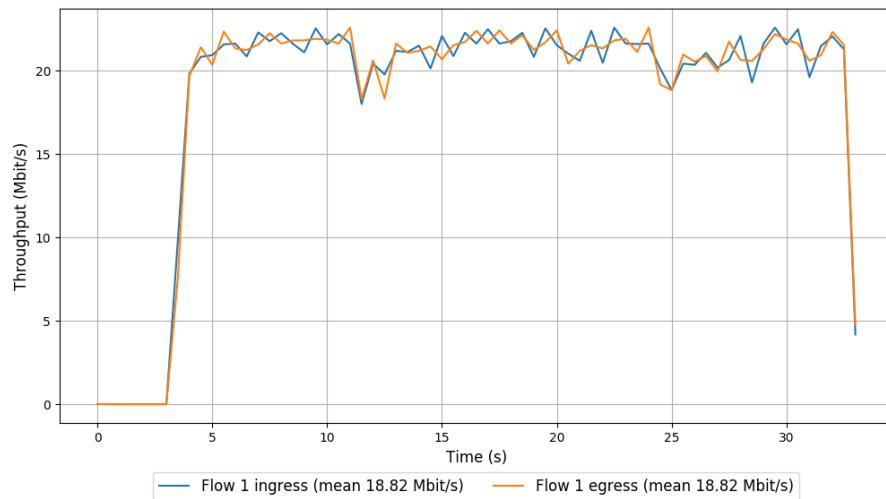


Run 10: Statistics of KohoCC

```
Start at: Tue, 13 Jun 2017 21:24:44 +0000
End at: Tue, 13 Jun 2017 21:25:14 +0000
Local clock offset: -2.316 ms
Remote clock offset: 0.637 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:17:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.82 Mbit/s
95th percentile per-packet one-way delay: 46.718 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 18.82 Mbit/s
95th percentile per-packet one-way delay: 46.718 ms
Loss rate: 0.07%
```

## Run 10: Report of KohoCC — Data Link

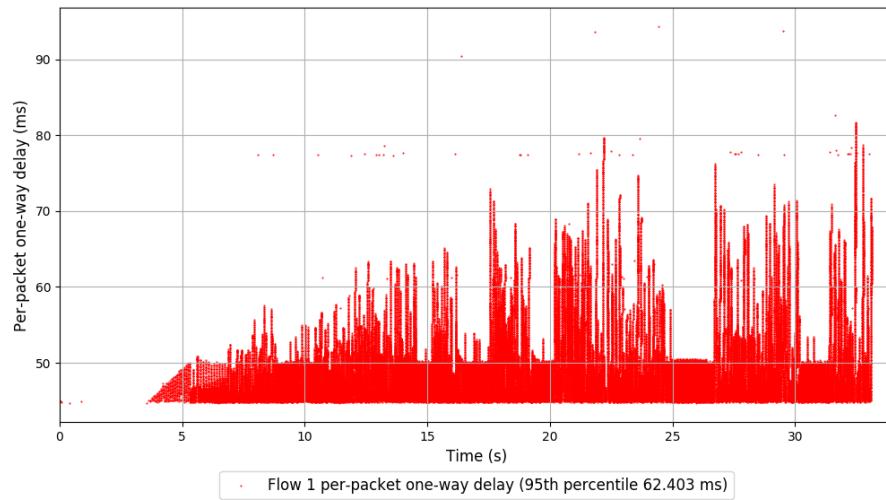
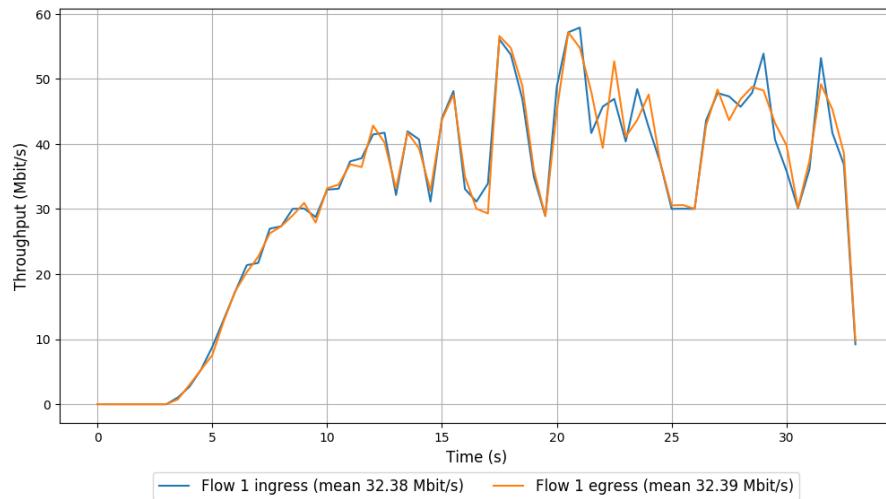


Run 1: Statistics of LEDBAT

```
Start at: Tue, 13 Jun 2017 18:33:54 +0000
End at: Tue, 13 Jun 2017 18:34:24 +0000
Local clock offset: 6.155 ms
Remote clock offset: 1.62 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:18:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 32.39 Mbit/s
95th percentile per-packet one-way delay: 62.403 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 32.39 Mbit/s
95th percentile per-packet one-way delay: 62.403 ms
Loss rate: 0.00%
```

## Run 1: Report of LEDBAT — Data Link

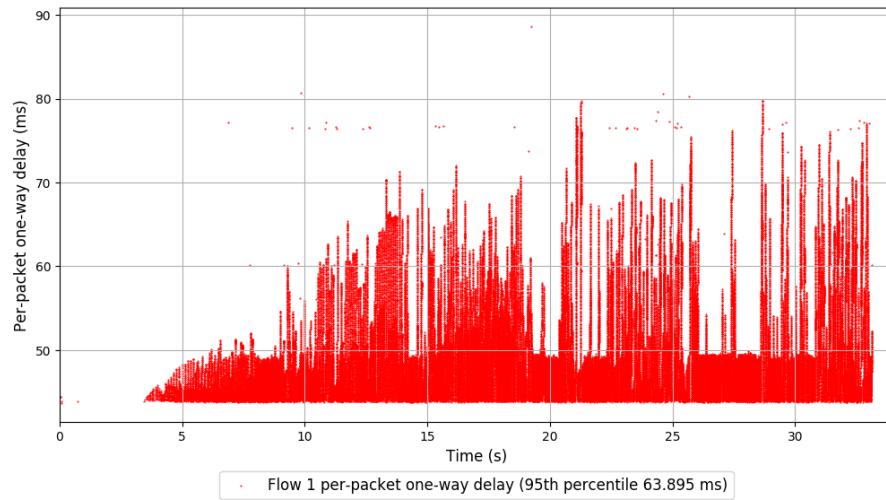
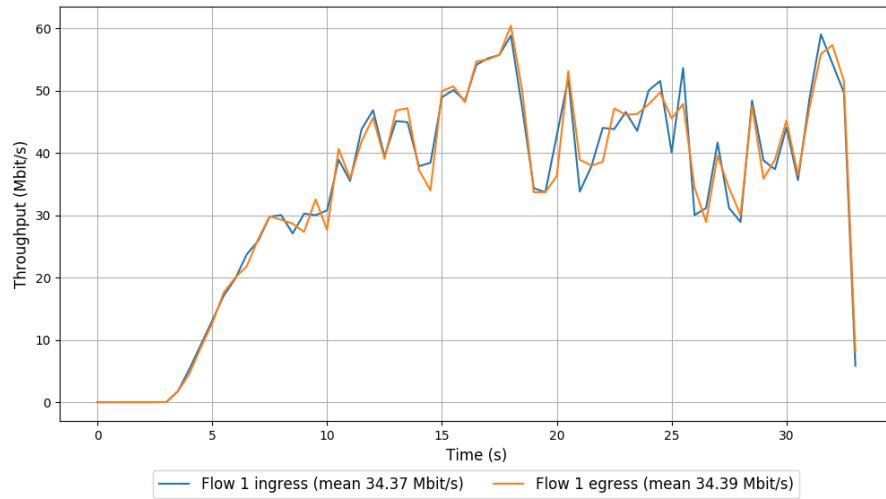


Run 2: Statistics of LEDBAT

```
Start at: Tue, 13 Jun 2017 18:52:47 +0000
End at: Tue, 13 Jun 2017 18:53:17 +0000
Local clock offset: 4.403 ms
Remote clock offset: 0.418 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:18:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 34.39 Mbit/s
95th percentile per-packet one-way delay: 63.895 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 34.39 Mbit/s
95th percentile per-packet one-way delay: 63.895 ms
Loss rate: 0.00%
```

## Run 2: Report of LEDBAT — Data Link

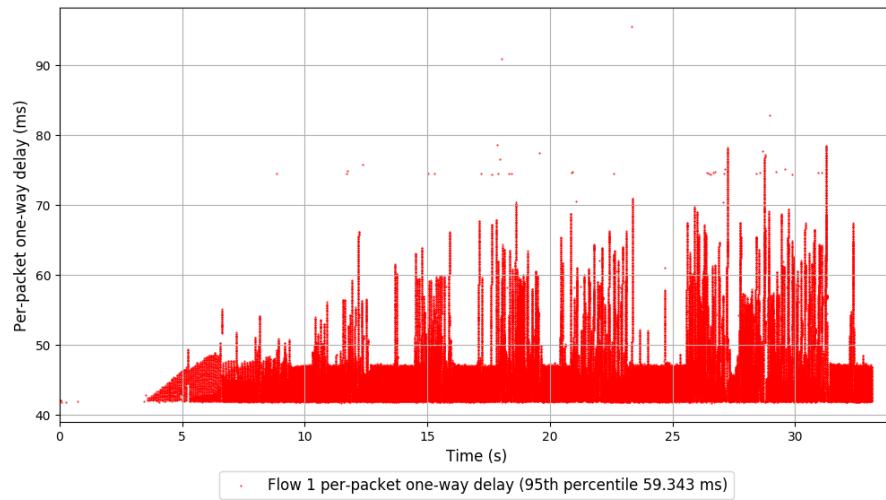
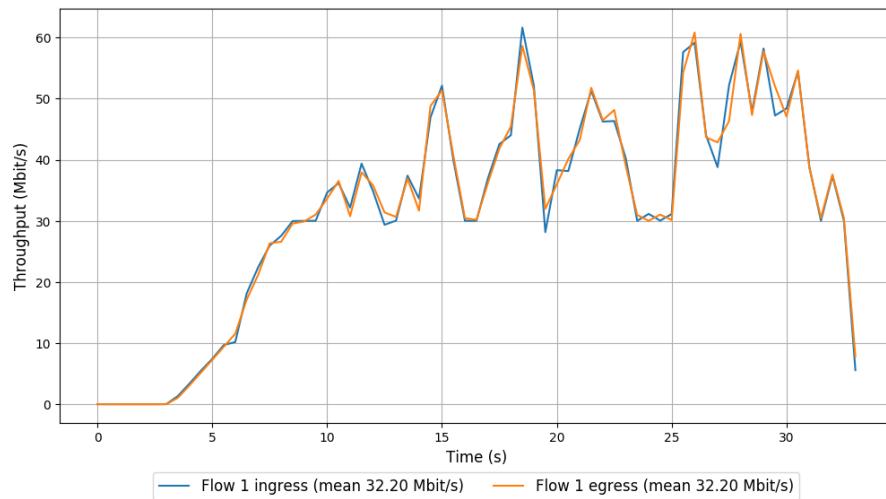


Run 3: Statistics of LEDBAT

```
Start at: Tue, 13 Jun 2017 19:11:08 +0000
End at: Tue, 13 Jun 2017 19:11:38 +0000
Local clock offset: 1.392 ms
Remote clock offset: 1.423 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:18:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 32.20 Mbit/s
95th percentile per-packet one-way delay: 59.343 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 32.20 Mbit/s
95th percentile per-packet one-way delay: 59.343 ms
Loss rate: 0.00%
```

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

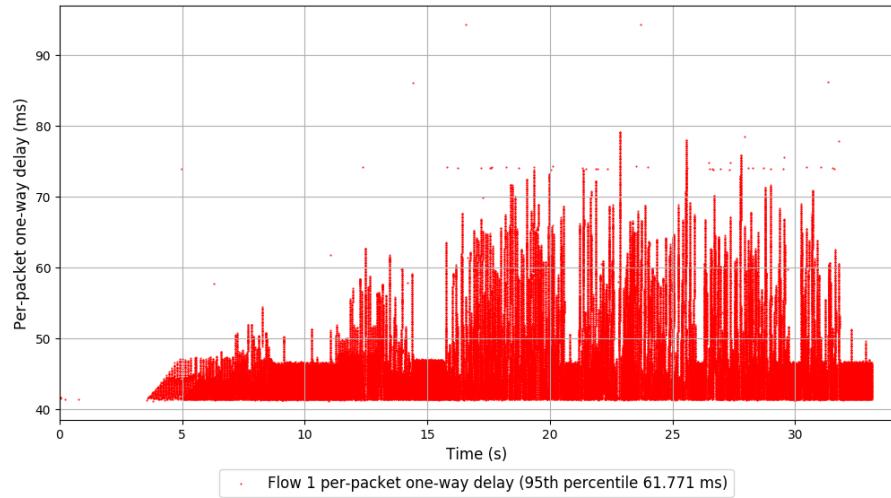
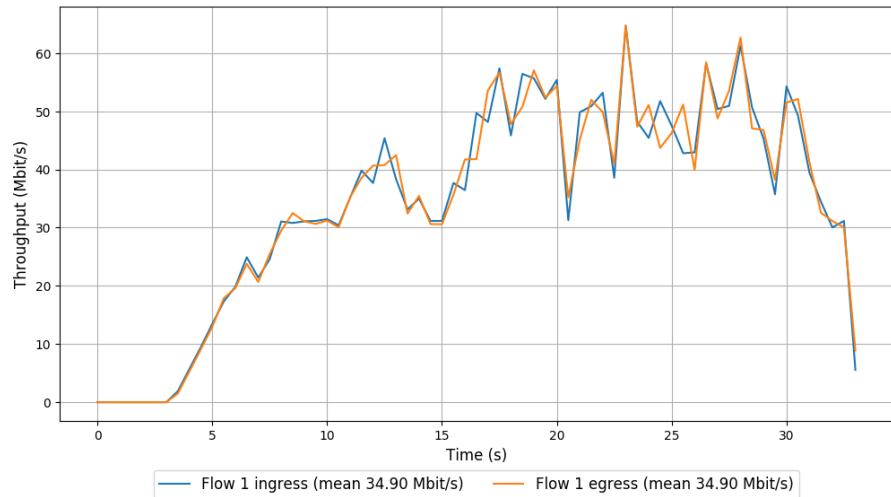


Run 4: Statistics of LEDBAT

```
Start at: Tue, 13 Jun 2017 19:29:39 +0000
End at: Tue, 13 Jun 2017 19:30:09 +0000
Local clock offset: 3.432 ms
Remote clock offset: -0.177 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:18:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 34.90 Mbit/s
95th percentile per-packet one-way delay: 61.771 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 34.90 Mbit/s
95th percentile per-packet one-way delay: 61.771 ms
Loss rate: 0.00%
```

## Run 4: Report of LEDBAT — Data Link

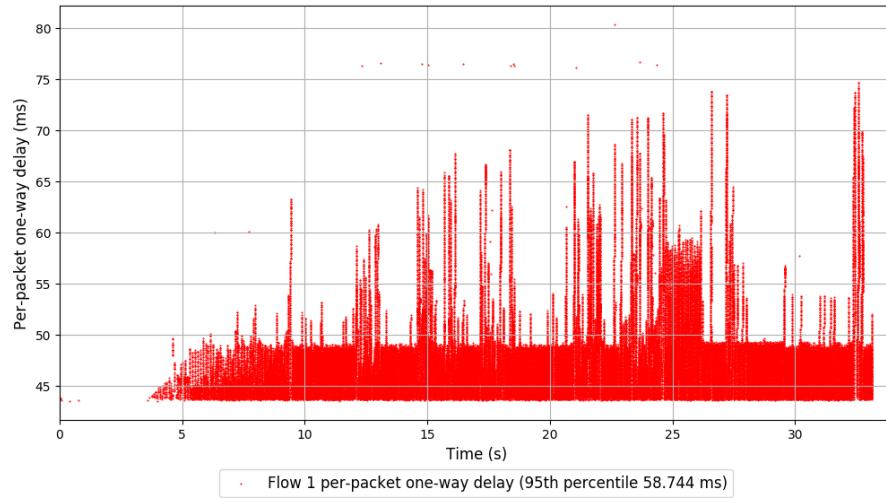
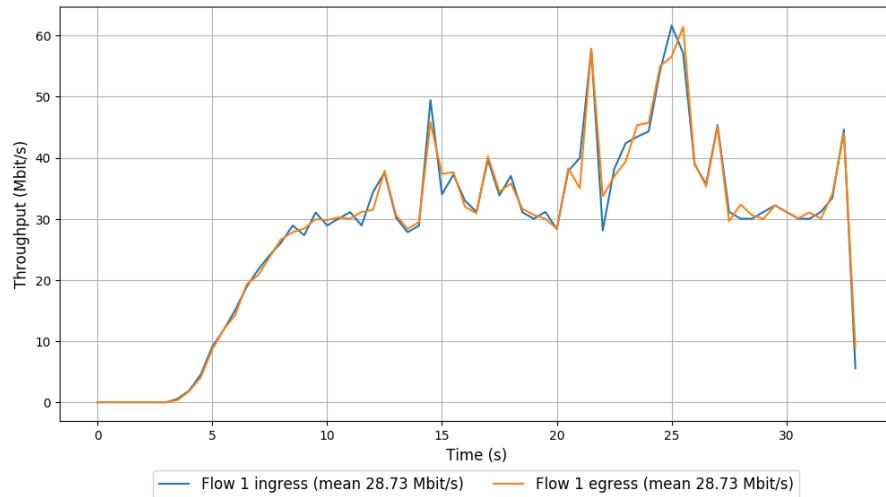


Run 5: Statistics of LEDBAT

```
Start at: Tue, 13 Jun 2017 19:48:07 +0000
End at: Tue, 13 Jun 2017 19:48:37 +0000
Local clock offset: 3.148 ms
Remote clock offset: 0.535 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:19:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 28.73 Mbit/s
95th percentile per-packet one-way delay: 58.744 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 28.73 Mbit/s
95th percentile per-packet one-way delay: 58.744 ms
Loss rate: 0.00%
```

## Run 5: Report of LEDBAT — Data Link

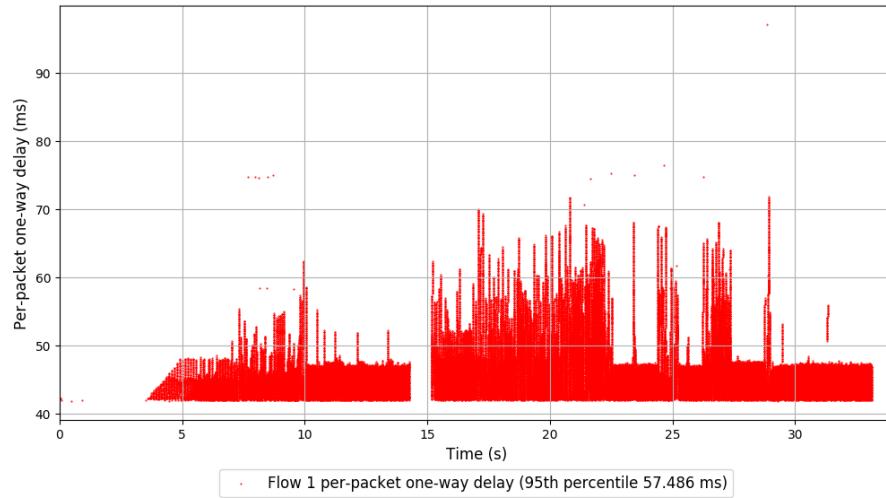
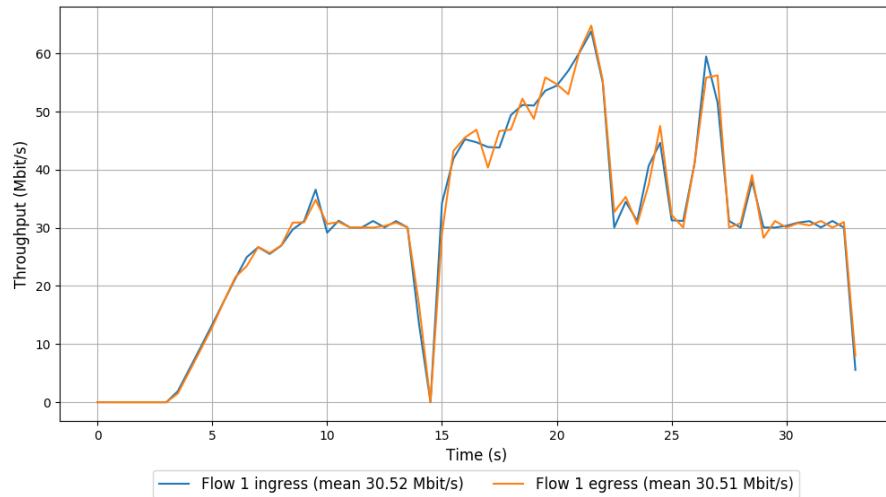


Run 6: Statistics of LEDBAT

```
Start at: Tue, 13 Jun 2017 20:06:42 +0000
End at: Tue, 13 Jun 2017 20:07:12 +0000
Local clock offset: 6.61 ms
Remote clock offset: 0.67 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:19:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 30.51 Mbit/s
95th percentile per-packet one-way delay: 57.486 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 30.51 Mbit/s
95th percentile per-packet one-way delay: 57.486 ms
Loss rate: 0.00%
```

## Run 6: Report of LEDBAT — Data Link

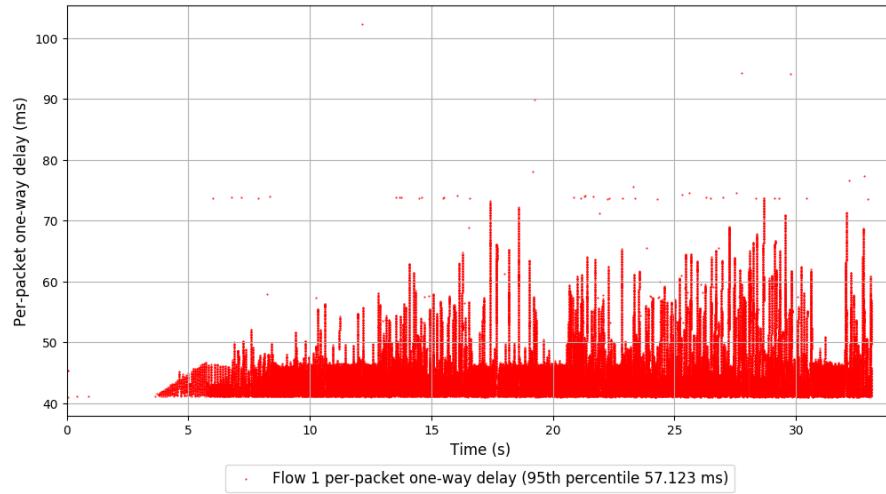
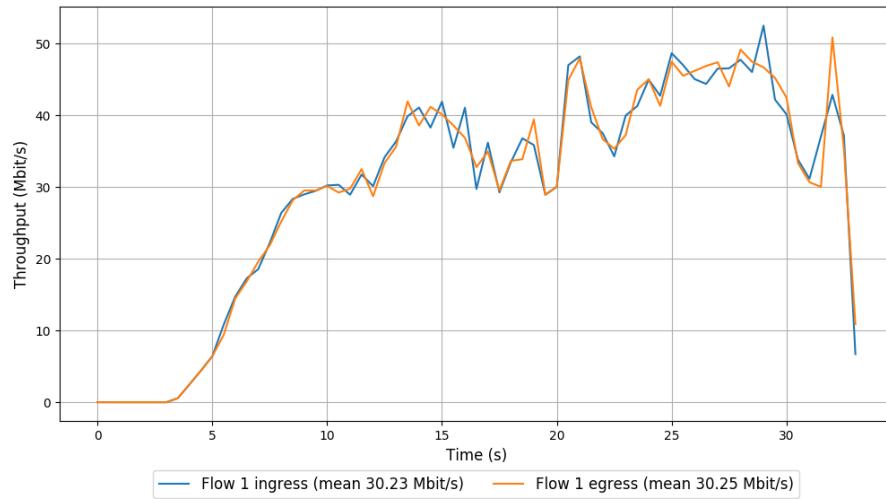


Run 7: Statistics of LEDBAT

```
Start at: Tue, 13 Jun 2017 20:25:11 +0000
End at: Tue, 13 Jun 2017 20:25:41 +0000
Local clock offset: -3.078 ms
Remote clock offset: 0.428 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:19:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 30.25 Mbit/s
95th percentile per-packet one-way delay: 57.123 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 30.25 Mbit/s
95th percentile per-packet one-way delay: 57.123 ms
Loss rate: 0.00%
```

## Run 7: Report of LEDBAT — Data Link

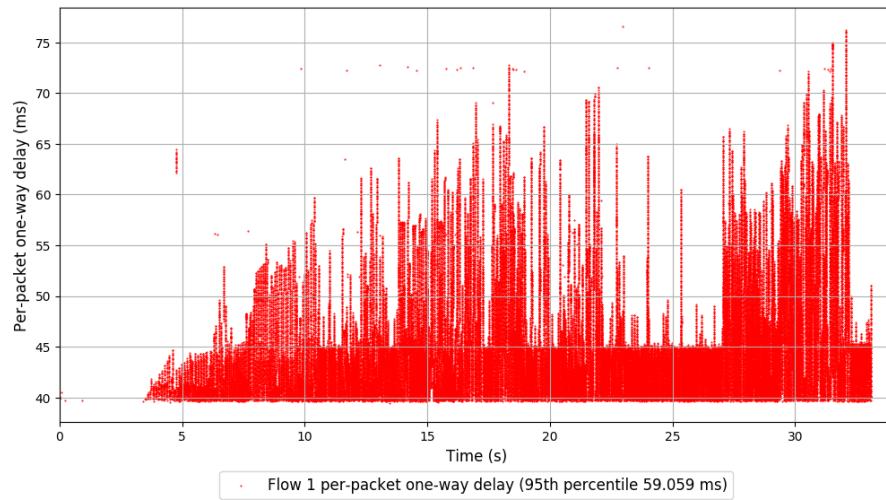
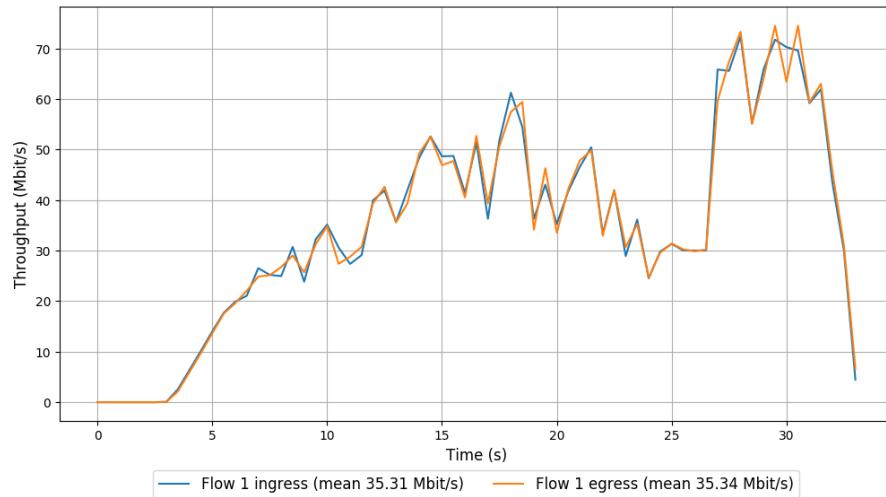


Run 8: Statistics of LEDBAT

```
Start at: Tue, 13 Jun 2017 20:43:35 +0000
End at: Tue, 13 Jun 2017 20:44:05 +0000
Local clock offset: -6.684 ms
Remote clock offset: -0.117 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:19:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 35.34 Mbit/s
95th percentile per-packet one-way delay: 59.059 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 35.34 Mbit/s
95th percentile per-packet one-way delay: 59.059 ms
Loss rate: 0.00%
```

## Run 8: Report of LEDBAT — Data Link

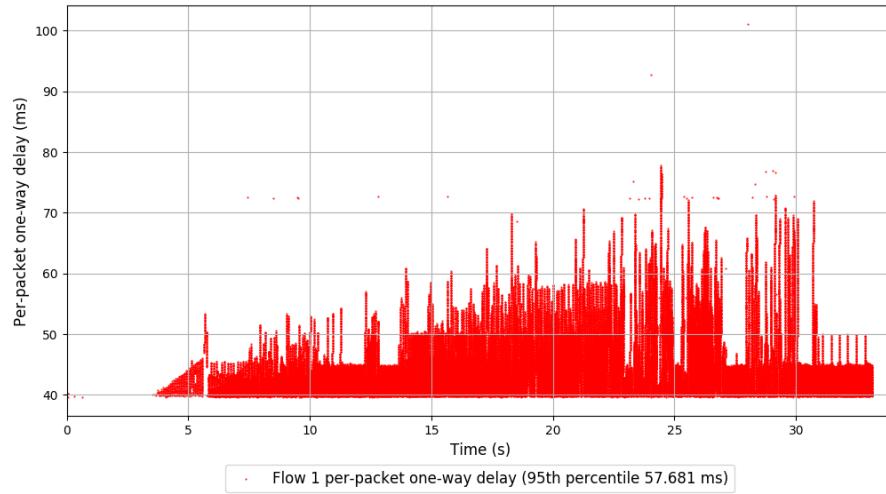
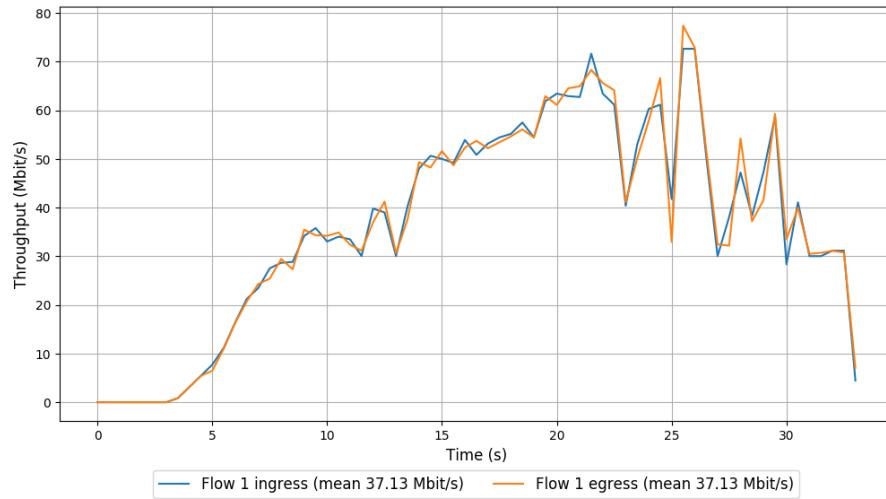


Run 9: Statistics of LEDBAT

```
Start at: Tue, 13 Jun 2017 21:02:16 +0000
End at: Tue, 13 Jun 2017 21:02:46 +0000
Local clock offset: -0.4 ms
Remote clock offset: -0.184 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:20:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 37.13 Mbit/s
95th percentile per-packet one-way delay: 57.681 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 37.13 Mbit/s
95th percentile per-packet one-way delay: 57.681 ms
Loss rate: 0.00%
```

## Run 9: Report of LEDBAT — Data Link

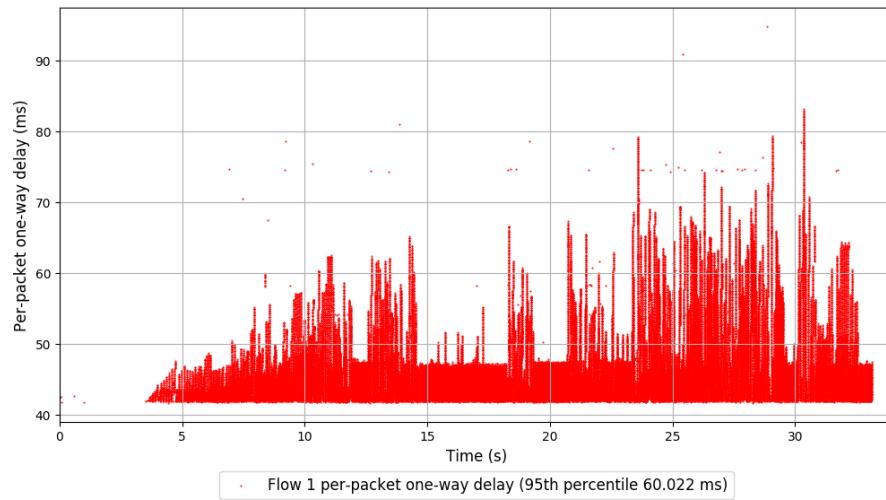
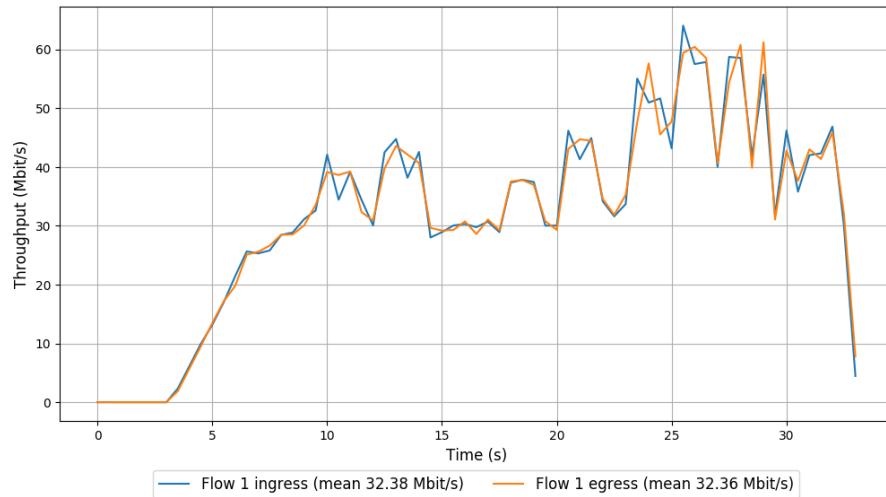


Run 10: Statistics of LEDBAT

```
Start at: Tue, 13 Jun 2017 21:20:49 +0000
End at: Tue, 13 Jun 2017 21:21:19 +0000
Local clock offset: -0.12 ms
Remote clock offset: 0.816 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:20:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 32.36 Mbit/s
95th percentile per-packet one-way delay: 60.022 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 32.36 Mbit/s
95th percentile per-packet one-way delay: 60.022 ms
Loss rate: 0.03%
```

## Run 10: Report of LEDBAT — Data Link

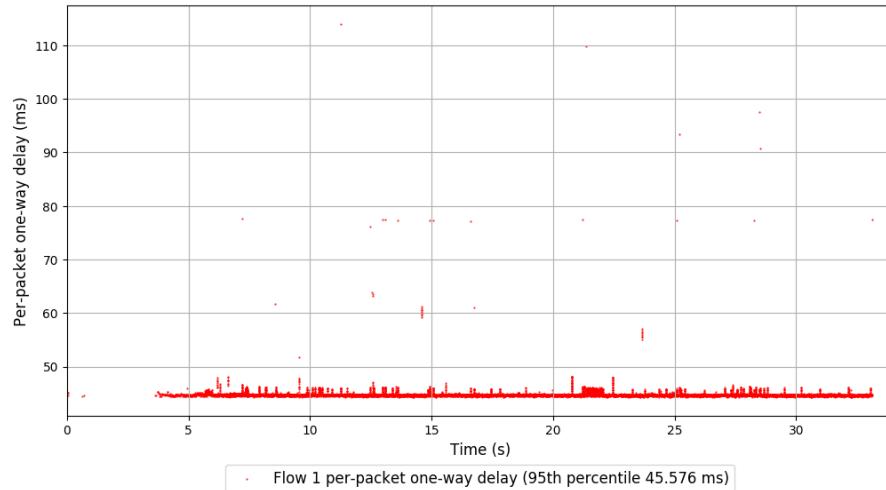
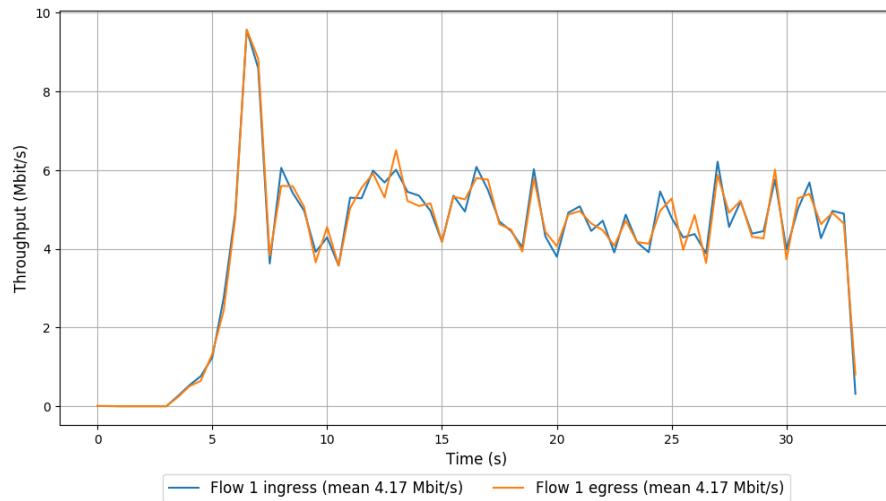


Run 1: Statistics of PCC

```
Start at: Tue, 13 Jun 2017 18:36:38 +0000
End at: Tue, 13 Jun 2017 18:37:09 +0000
Local clock offset: 2.917 ms
Remote clock offset: 0.911 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:20:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.17 Mbit/s
95th percentile per-packet one-way delay: 45.576 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.17 Mbit/s
95th percentile per-packet one-way delay: 45.576 ms
Loss rate: 0.00%
```

## Run 1: Report of PCC — Data Link

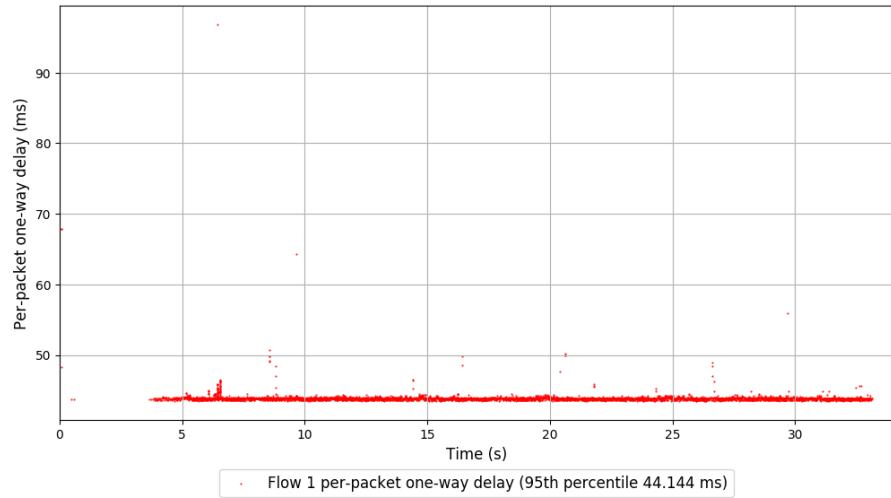
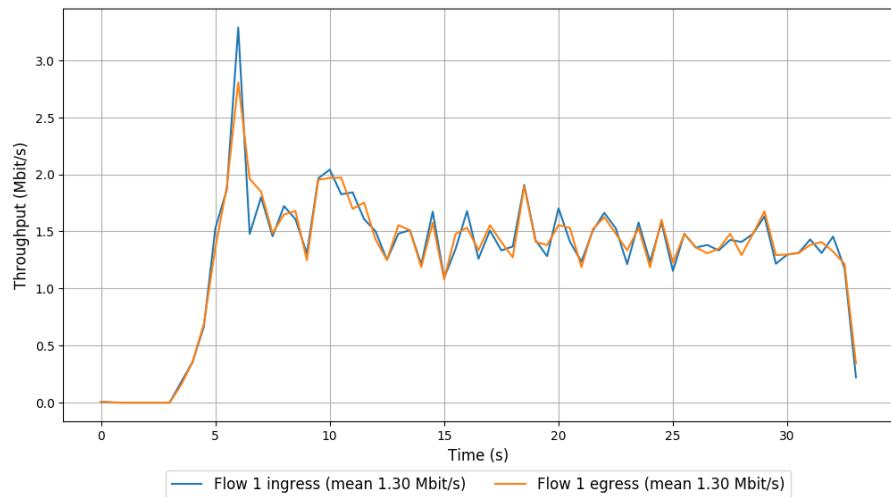


Run 2: Statistics of PCC

```
Start at: Tue, 13 Jun 2017 18:55:34 +0000
End at: Tue, 13 Jun 2017 18:56:04 +0000
Local clock offset: 3.747 ms
Remote clock offset: 1.11 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:20:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.30 Mbit/s
95th percentile per-packet one-way delay: 44.144 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.30 Mbit/s
95th percentile per-packet one-way delay: 44.144 ms
Loss rate: 0.00%
```

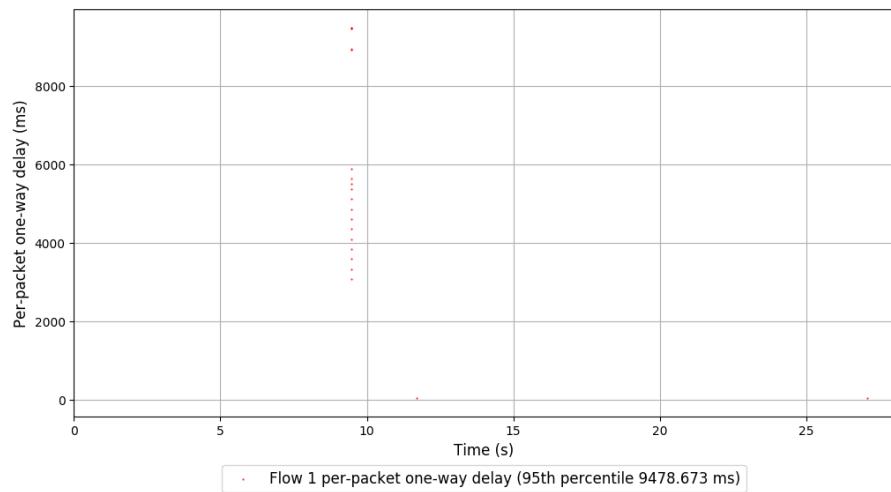
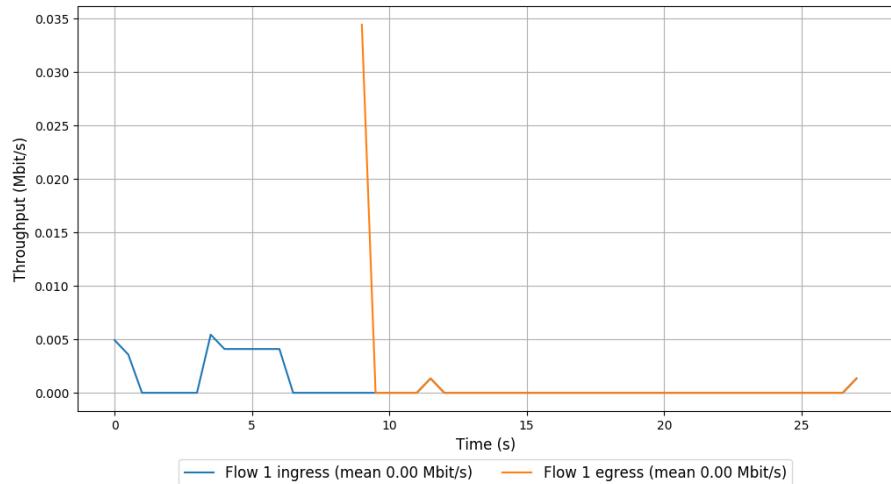
## Run 2: Report of PCC — Data Link



Run 3: Statistics of PCC

Start at: Tue, 13 Jun 2017 19:13:56 +0000  
End at: Tue, 13 Jun 2017 19:14:26 +0000  
Local clock offset: 1.671 ms  
Remote clock offset: 0.898 ms

### Run 3: Report of PCC — Data Link

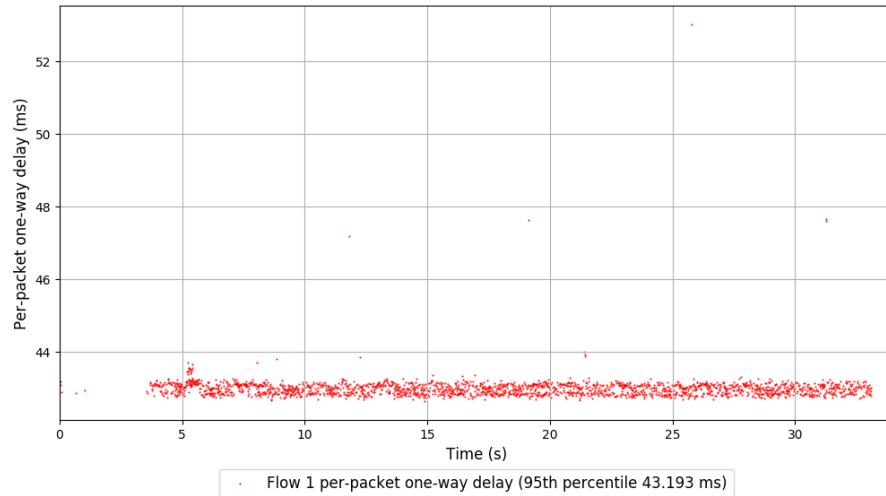
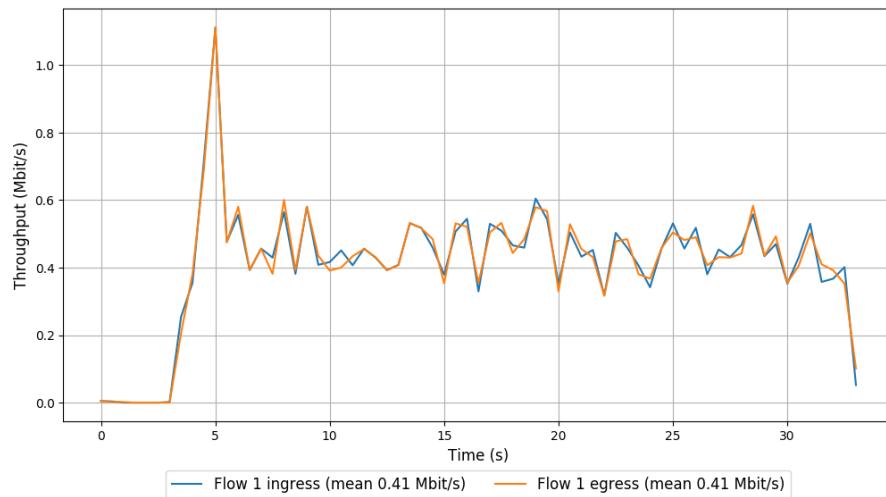


Run 4: Statistics of PCC

```
Start at: Tue, 13 Jun 2017 19:32:25 +0000
End at: Tue, 13 Jun 2017 19:32:56 +0000
Local clock offset: 1.013 ms
Remote clock offset: 0.313 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:20:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.41 Mbit/s
95th percentile per-packet one-way delay: 43.193 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.41 Mbit/s
95th percentile per-packet one-way delay: 43.193 ms
Loss rate: 0.00%
```

## Run 4: Report of PCC — Data Link

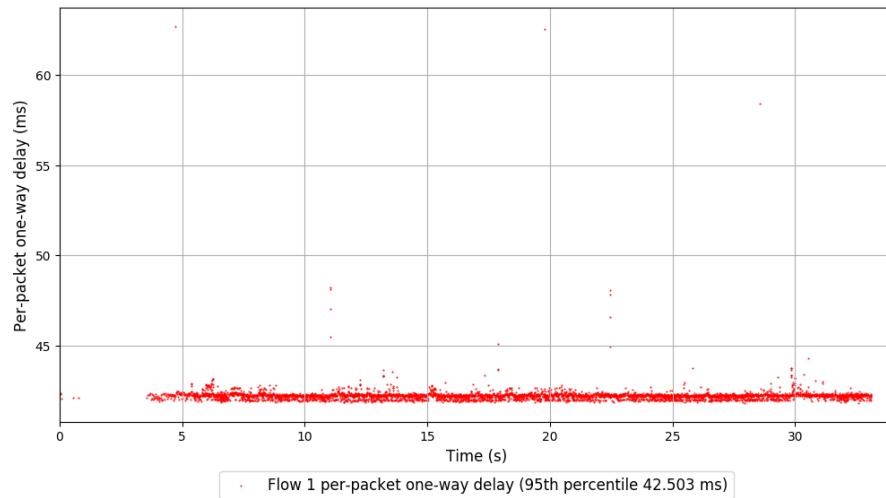
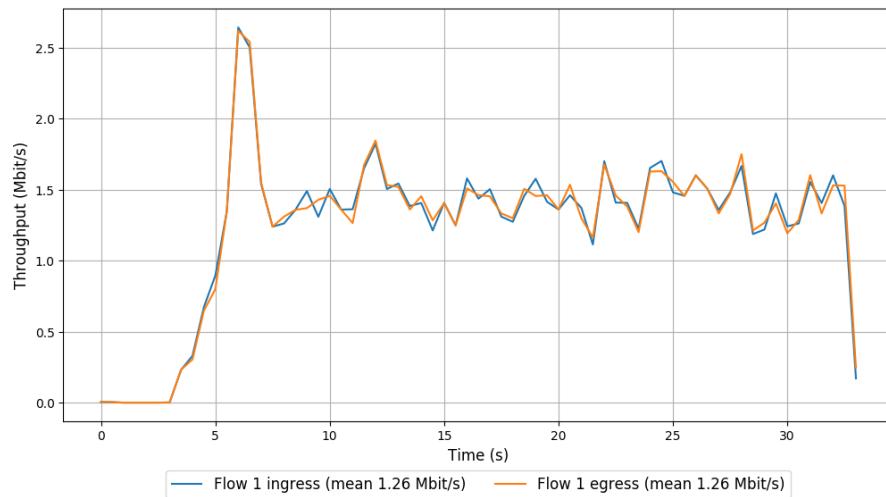


Run 5: Statistics of PCC

```
Start at: Tue, 13 Jun 2017 19:50:51 +0000
End at: Tue, 13 Jun 2017 19:51:21 +0000
Local clock offset: 2.071 ms
Remote clock offset: 0.861 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:20:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.26 Mbit/s
95th percentile per-packet one-way delay: 42.503 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.26 Mbit/s
95th percentile per-packet one-way delay: 42.503 ms
Loss rate: 0.00%
```

## Run 5: Report of PCC — Data Link

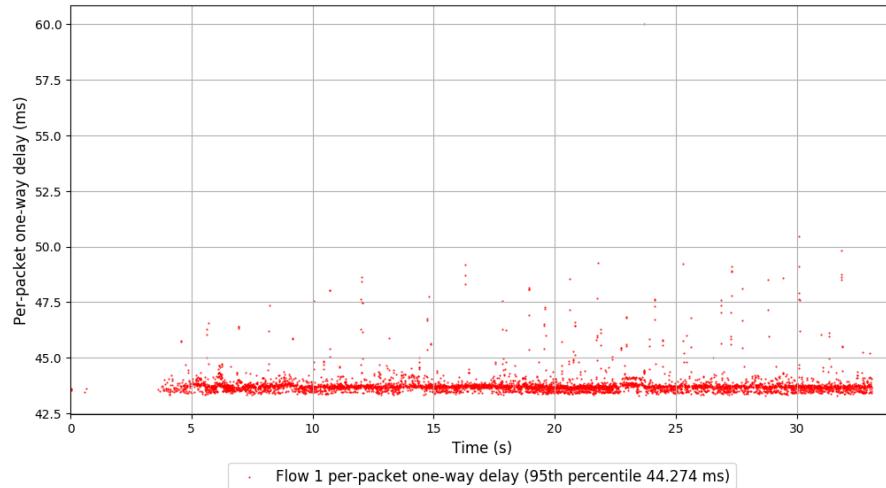
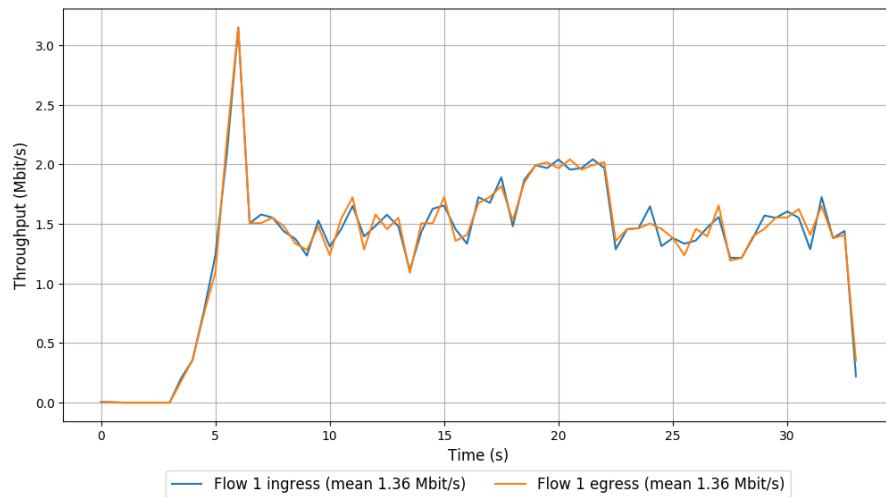


Run 6: Statistics of PCC

```
Start at: Tue, 13 Jun 2017 20:09:30 +0000
End at: Tue, 13 Jun 2017 20:10:00 +0000
Local clock offset: 1.098 ms
Remote clock offset: -0.262 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:20:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.36 Mbit/s
95th percentile per-packet one-way delay: 44.274 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.36 Mbit/s
95th percentile per-packet one-way delay: 44.274 ms
Loss rate: 0.00%
```

## Run 6: Report of PCC — Data Link

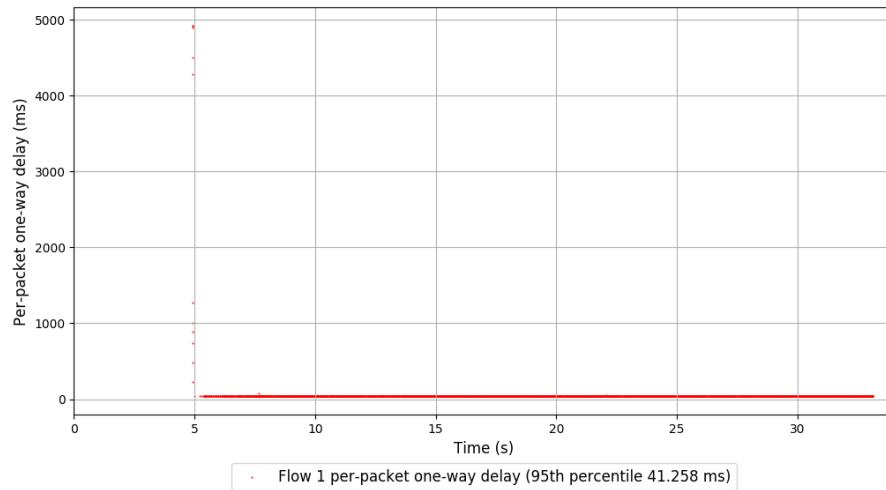
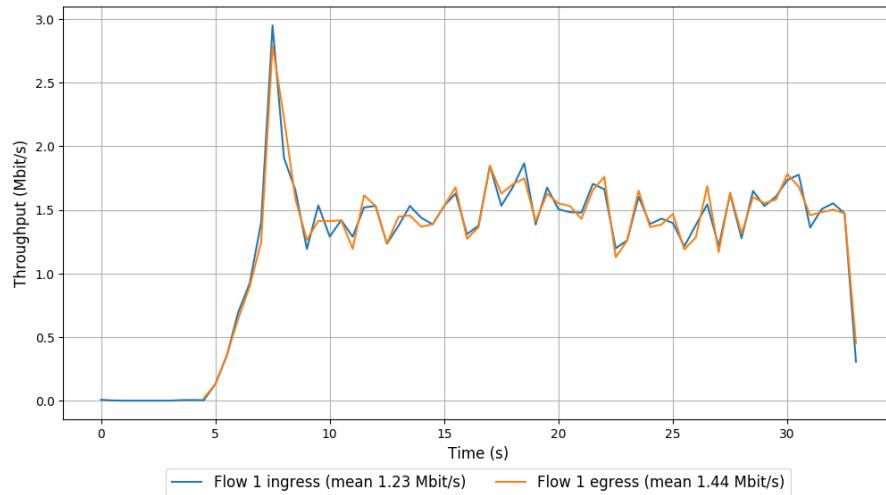


Run 7: Statistics of PCC

```
Start at: Tue, 13 Jun 2017 20:27:57 +0000
End at: Tue, 13 Jun 2017 20:28:27 +0000
Local clock offset: 0.323 ms
Remote clock offset: 0.611 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:20:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.44 Mbit/s
95th percentile per-packet one-way delay: 41.258 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.44 Mbit/s
95th percentile per-packet one-way delay: 41.258 ms
Loss rate: 0.00%
```

### Run 7: Report of PCC — Data Link

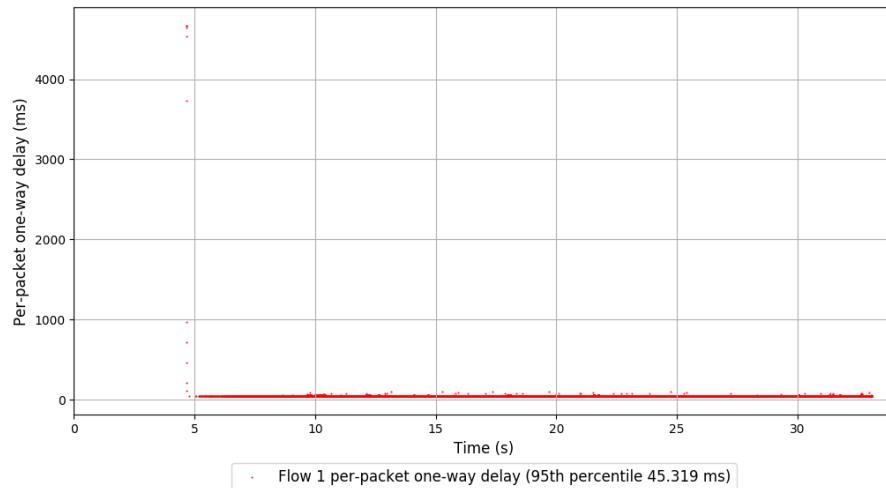
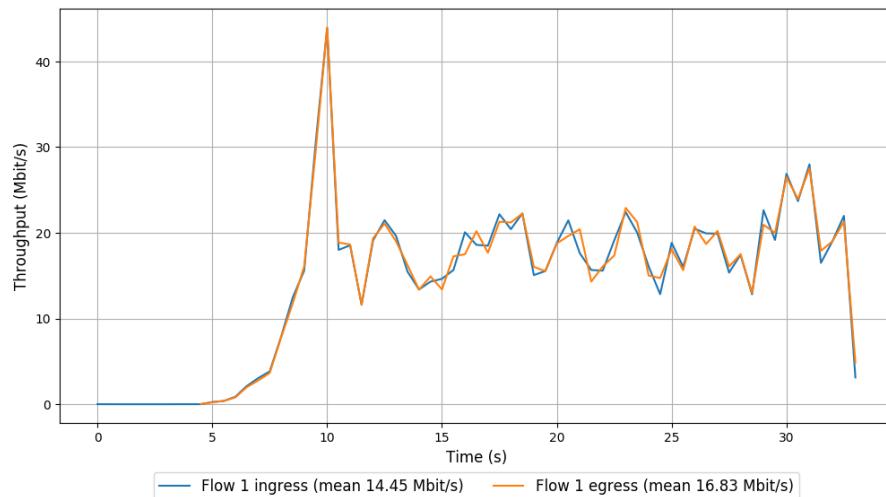


Run 8: Statistics of PCC

```
Start at: Tue, 13 Jun 2017 20:46:27 +0000
End at: Tue, 13 Jun 2017 20:46:57 +0000
Local clock offset: 2.633 ms
Remote clock offset: 0.663 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:21:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.83 Mbit/s
95th percentile per-packet one-way delay: 45.319 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 16.83 Mbit/s
95th percentile per-packet one-way delay: 45.319 ms
Loss rate: 0.00%
```

## Run 8: Report of PCC — Data Link

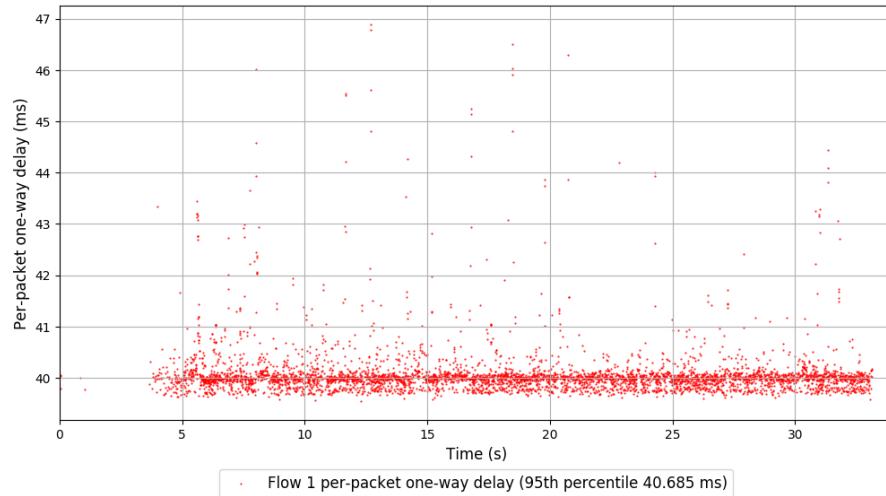
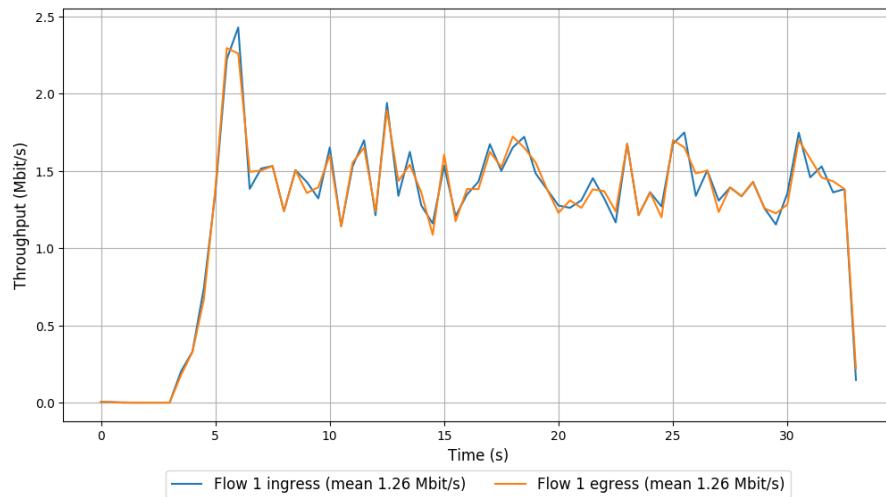


Run 9: Statistics of PCC

```
Start at: Tue, 13 Jun 2017 21:05:11 +0000
End at: Tue, 13 Jun 2017 21:05:41 +0000
Local clock offset: 1.701 ms
Remote clock offset: -0.109 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:21:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.26 Mbit/s
95th percentile per-packet one-way delay: 40.685 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.26 Mbit/s
95th percentile per-packet one-way delay: 40.685 ms
Loss rate: 0.00%
```

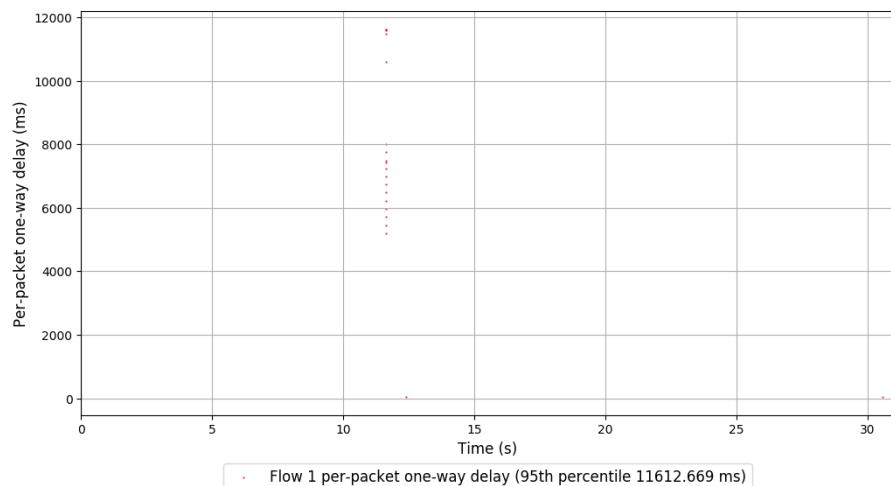
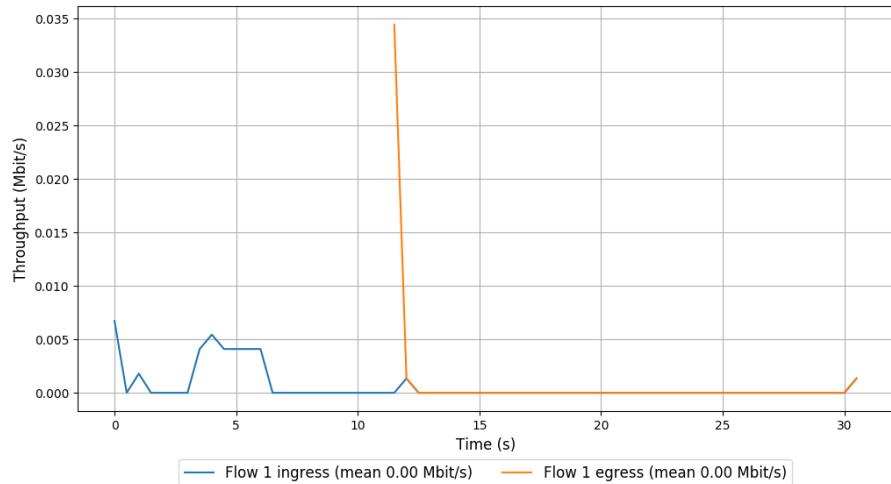
## Run 9: Report of PCC — Data Link



Run 10: Statistics of PCC

Start at: Tue, 13 Jun 2017 21:23:37 +0000  
End at: Tue, 13 Jun 2017 21:24:07 +0000  
Local clock offset: 0.049 ms  
Remote clock offset: 0.257 ms

## Run 10: Report of PCC — Data Link

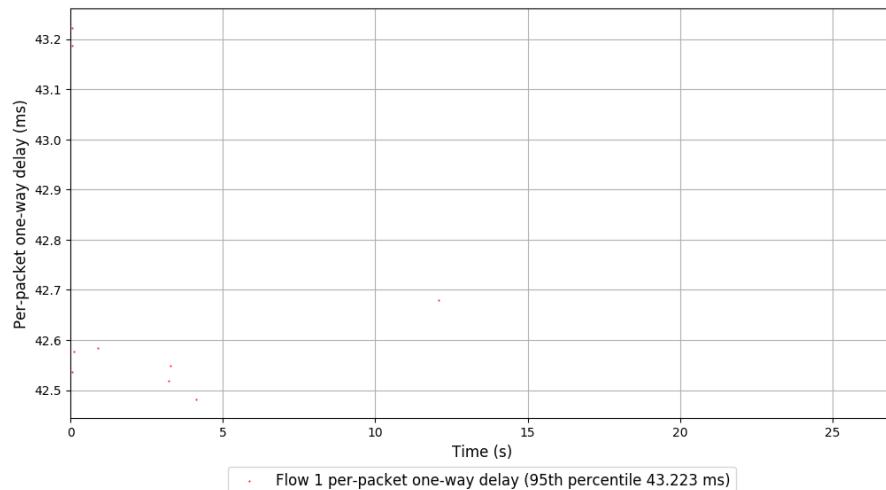
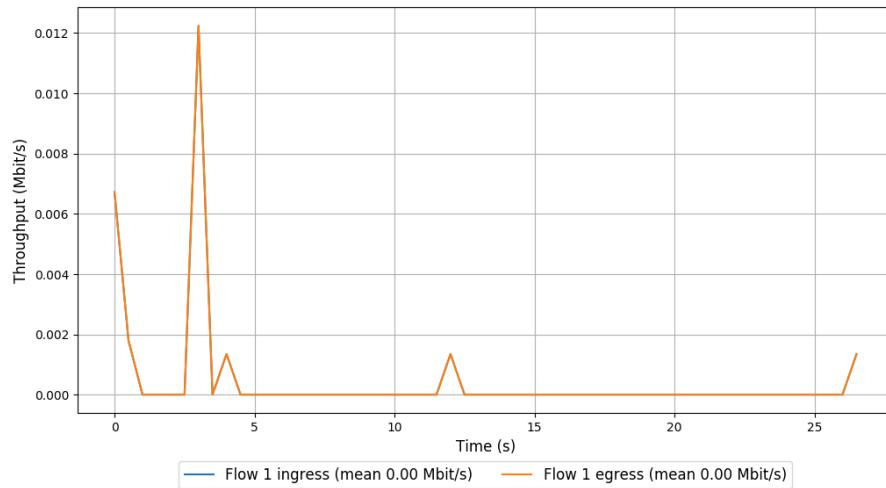


Run 1: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 13 Jun 2017 18:42:47 +0000
End at: Tue, 13 Jun 2017 18:43:17 +0000
Local clock offset: 5.691 ms
Remote clock offset: 0.485 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:21:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 43.223 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 43.223 ms
Loss rate: 0.00%
```

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

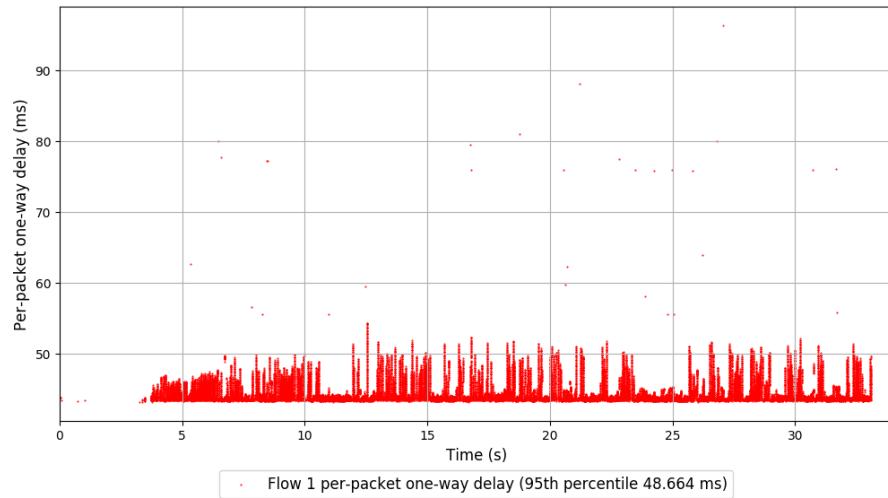
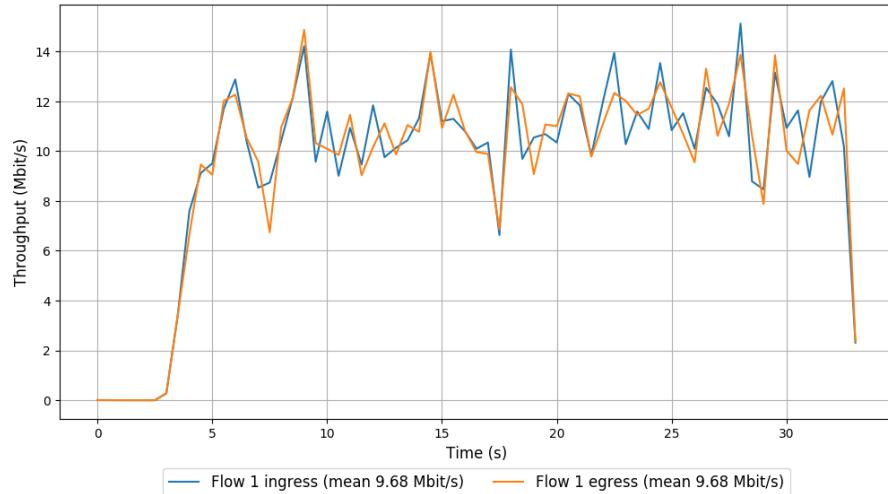


Run 2: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 13 Jun 2017 19:01:52 +0000
End at: Tue, 13 Jun 2017 19:02:22 +0000
Local clock offset: 0.878 ms
Remote clock offset: 0.398 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:21:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.68 Mbit/s
95th percentile per-packet one-way delay: 48.664 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.68 Mbit/s
95th percentile per-packet one-way delay: 48.664 ms
Loss rate: 0.00%
```

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

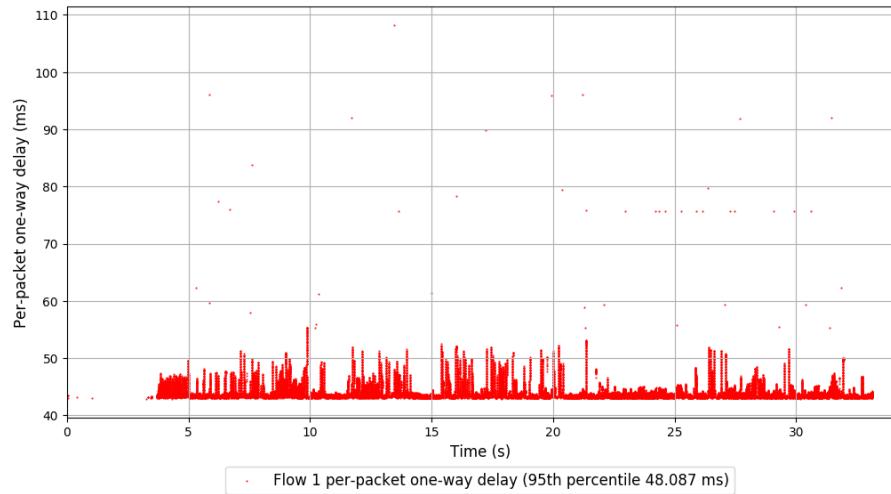
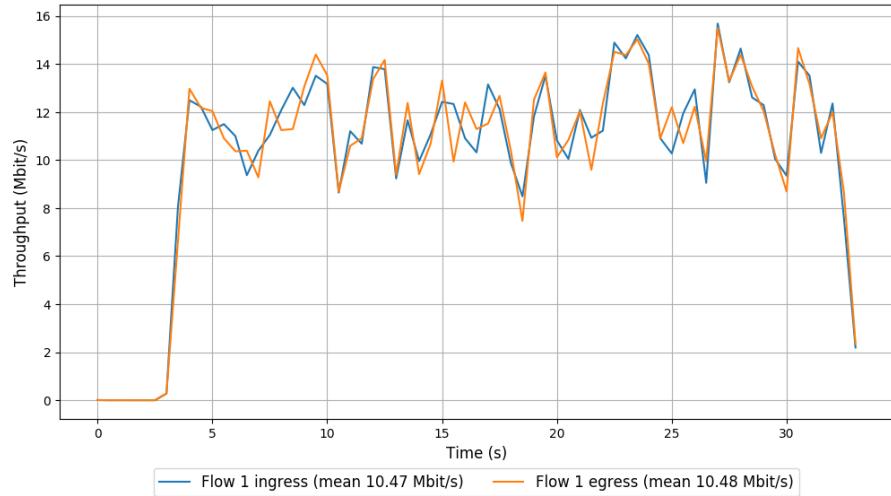


Run 3: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 13 Jun 2017 19:20:08 +0000
End at: Tue, 13 Jun 2017 19:20:38 +0000
Local clock offset: 3.454 ms
Remote clock offset: 0.101 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:21:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.48 Mbit/s
95th percentile per-packet one-way delay: 48.087 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 10.48 Mbit/s
95th percentile per-packet one-way delay: 48.087 ms
Loss rate: 0.00%
```

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

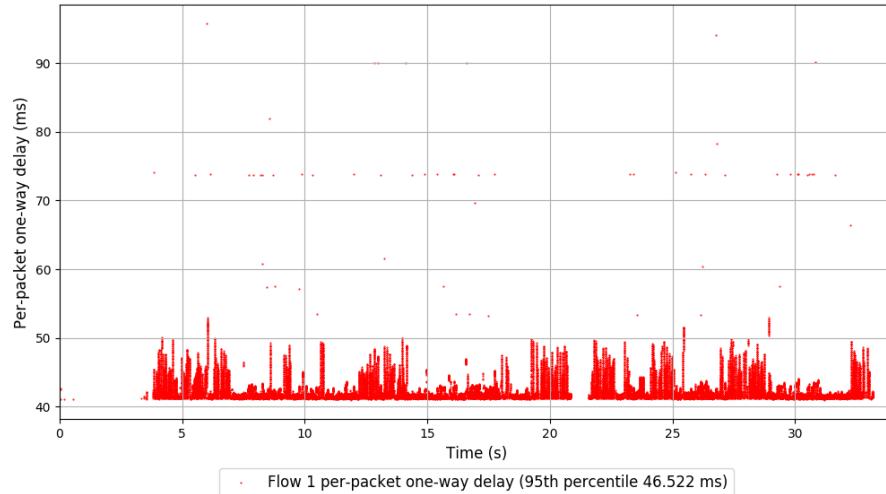
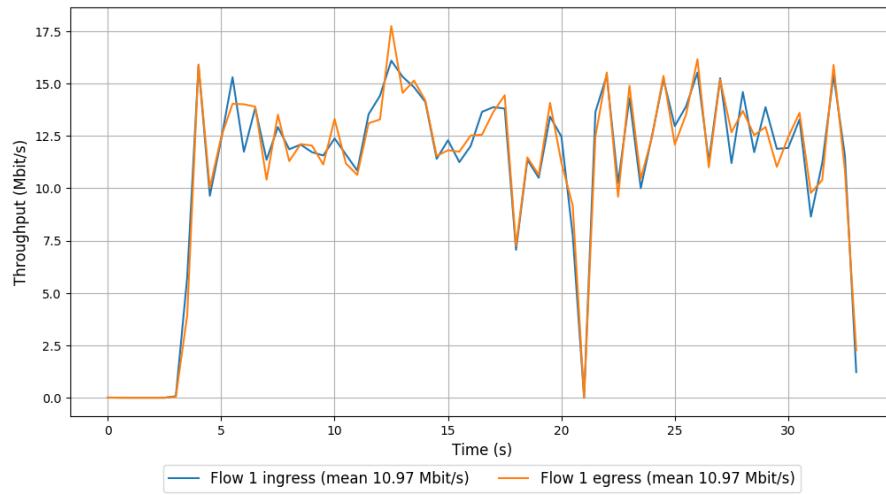


Run 4: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 13 Jun 2017 19:38:36 +0000
End at: Tue, 13 Jun 2017 19:39:06 +0000
Local clock offset: -3.607 ms
Remote clock offset: -6.284 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:21:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.97 Mbit/s
95th percentile per-packet one-way delay: 46.522 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 10.97 Mbit/s
95th percentile per-packet one-way delay: 46.522 ms
Loss rate: 0.00%
```

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

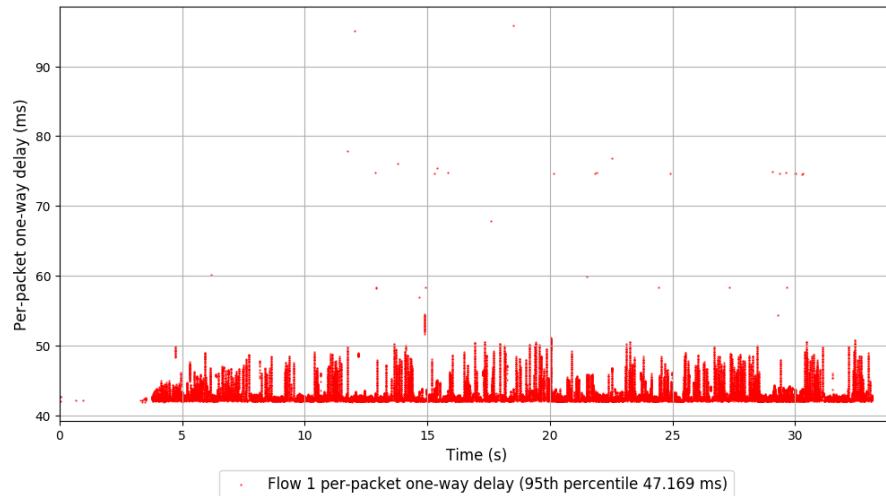
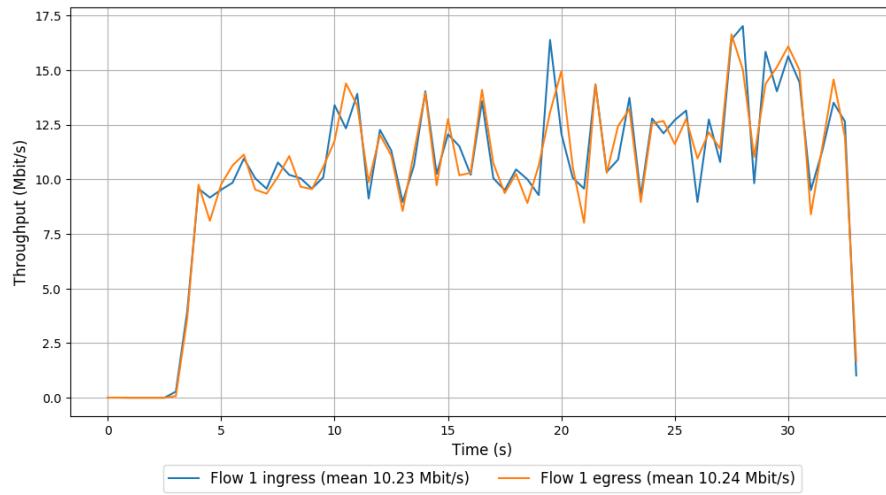


Run 5: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 13 Jun 2017 19:57:06 +0000
End at: Tue, 13 Jun 2017 19:57:36 +0000
Local clock offset: 2.453 ms
Remote clock offset: 1.194 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:21:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.24 Mbit/s
95th percentile per-packet one-way delay: 47.169 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 10.24 Mbit/s
95th percentile per-packet one-way delay: 47.169 ms
Loss rate: 0.01%
```

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

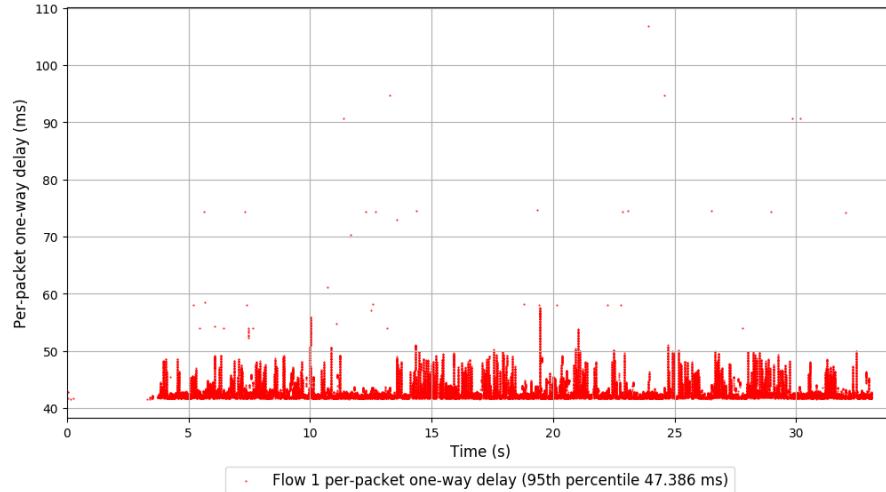
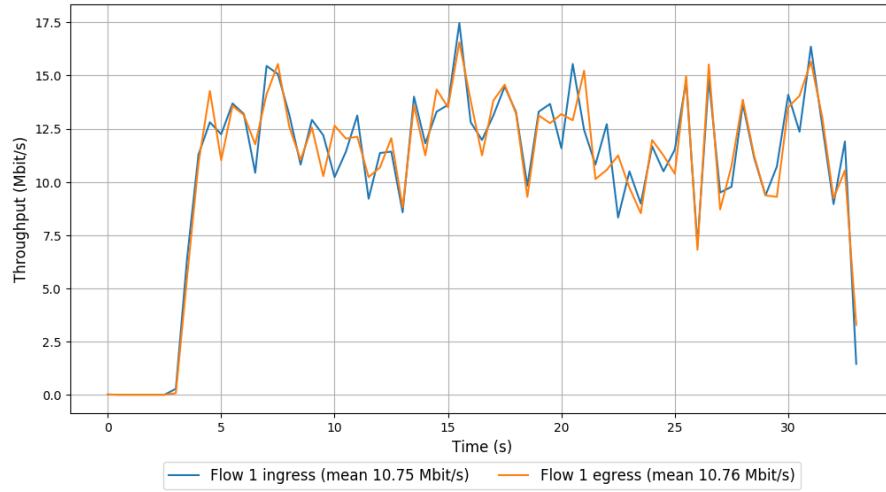


Run 6: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 13 Jun 2017 20:15:44 +0000
End at: Tue, 13 Jun 2017 20:16:14 +0000
Local clock offset: 2.158 ms
Remote clock offset: 1.101 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:21:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.76 Mbit/s
95th percentile per-packet one-way delay: 47.386 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 10.76 Mbit/s
95th percentile per-packet one-way delay: 47.386 ms
Loss rate: 0.01%
```

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

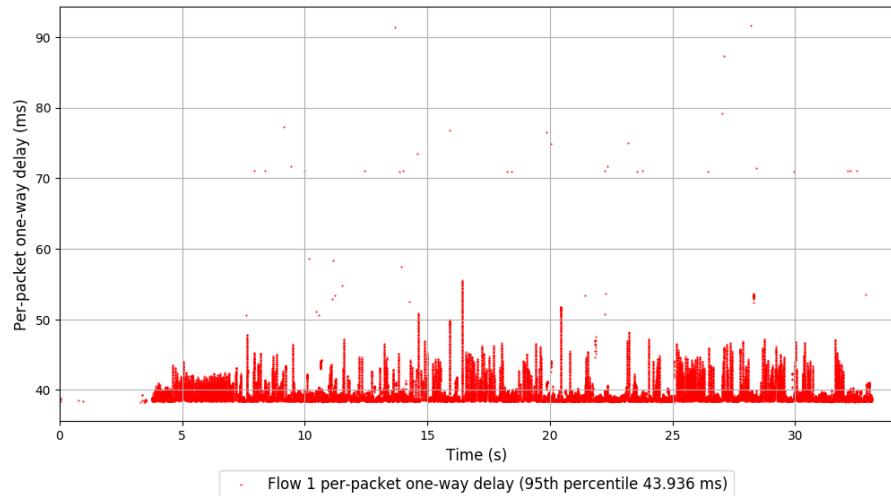
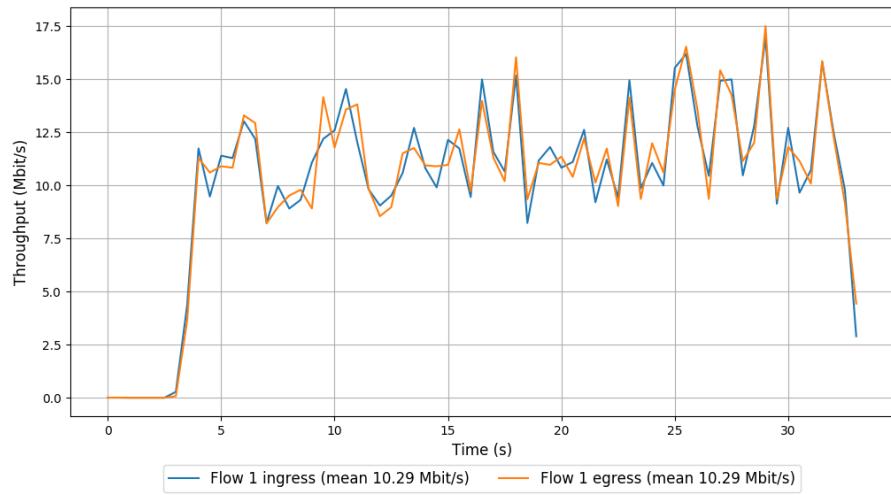


Run 7: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 13 Jun 2017 20:34:14 +0000
End at: Tue, 13 Jun 2017 20:34:44 +0000
Local clock offset: -4.085 ms
Remote clock offset: 0.723 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:21:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.29 Mbit/s
95th percentile per-packet one-way delay: 43.936 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 10.29 Mbit/s
95th percentile per-packet one-way delay: 43.936 ms
Loss rate: 0.02%
```

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

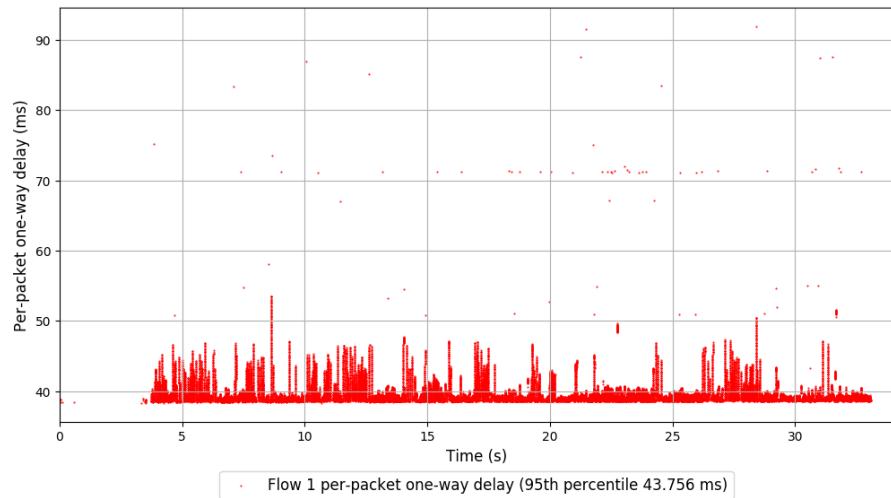
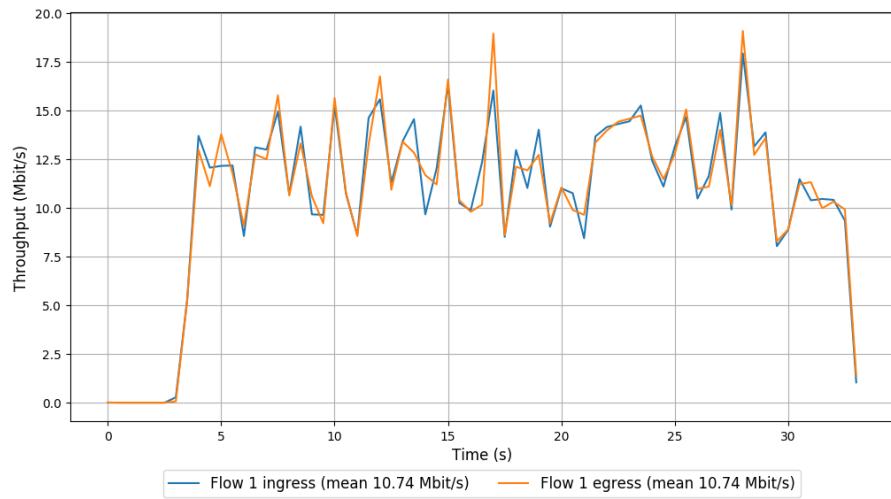


Run 8: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 13 Jun 2017 20:52:41 +0000
End at: Tue, 13 Jun 2017 20:53:11 +0000
Local clock offset: 0.459 ms
Remote clock offset: -5.925 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:22:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.74 Mbit/s
95th percentile per-packet one-way delay: 43.756 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 10.74 Mbit/s
95th percentile per-packet one-way delay: 43.756 ms
Loss rate: 0.00%
```

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

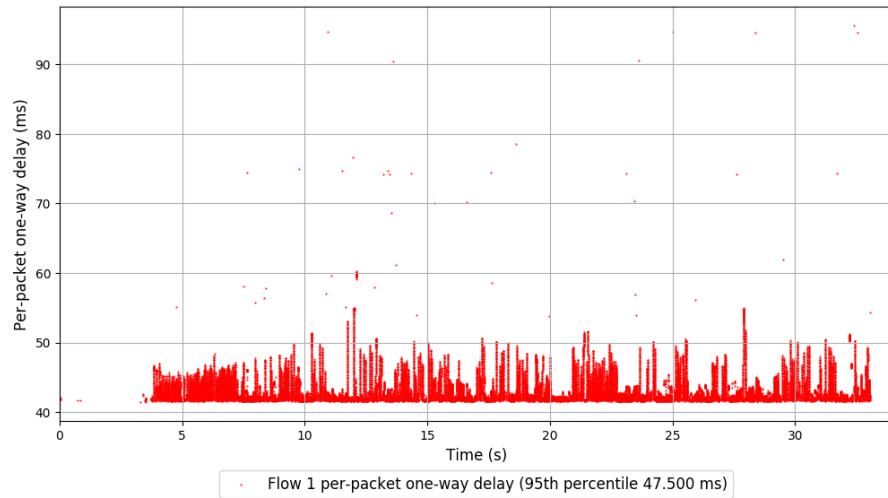
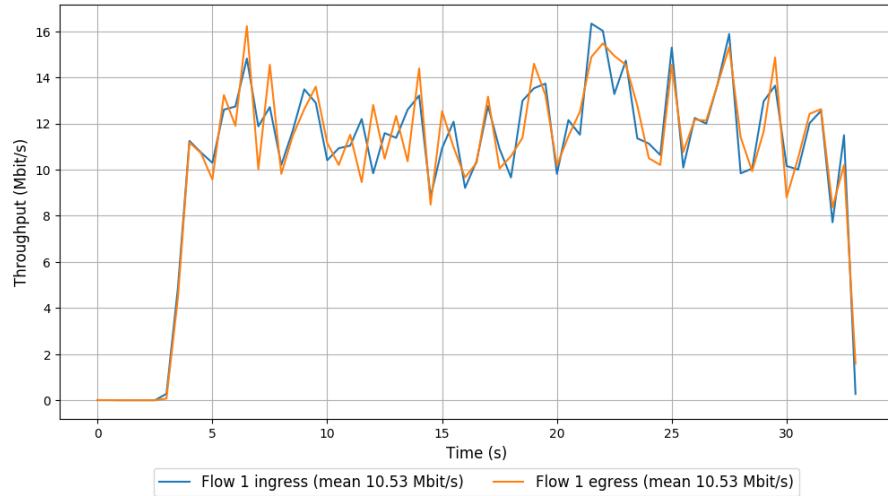


Run 9: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 13 Jun 2017 21:11:31 +0000
End at: Tue, 13 Jun 2017 21:12:01 +0000
Local clock offset: 1.147 ms
Remote clock offset: 0.057 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:22:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.53 Mbit/s
95th percentile per-packet one-way delay: 47.500 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 10.53 Mbit/s
95th percentile per-packet one-way delay: 47.500 ms
Loss rate: 0.00%
```

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



```
Run 10: Statistics of QUIC Cubic (toy)
```

```
Start at: Tue, 13 Jun 2017 21:29:51 +0000
```

```
End at: Tue, 13 Jun 2017 21:30:21 +0000
```

```
Local clock offset: 1.4 ms
```

```
Remote clock offset: 0.787 ms
```

```
# Below is generated by plot.py at Wed, 14 Jun 2017 02:22:18 +0000
```

```
# Datalink statistics
```

```
-- Total of 1 flow:
```

```
Average throughput: 9.83 Mbit/s
```

```
95th percentile per-packet one-way delay: 49.264 ms
```

```
Loss rate: 0.00%
```

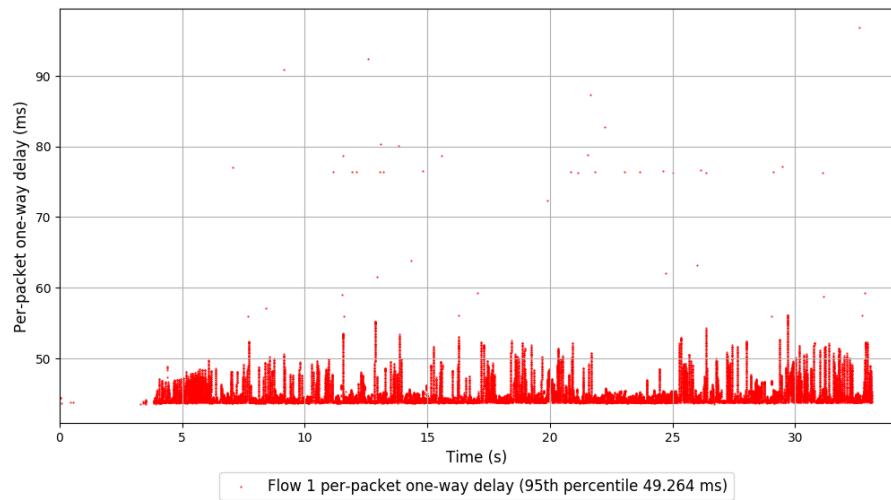
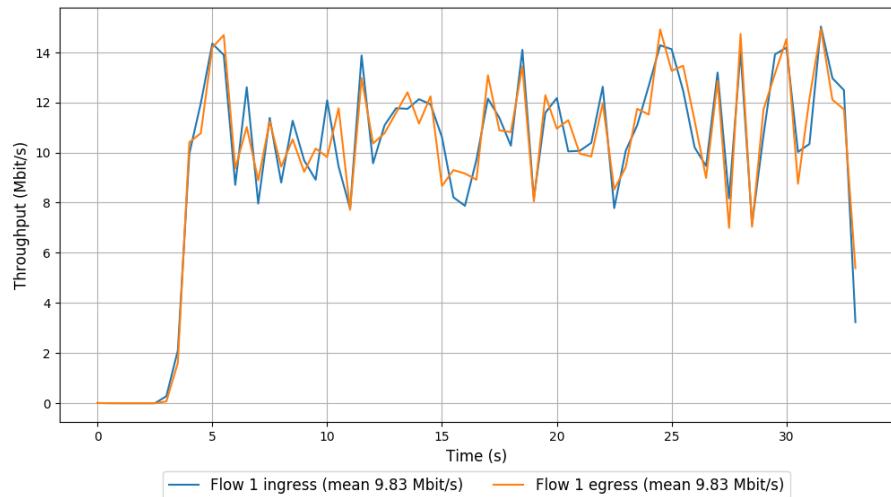
```
-- Flow 1:
```

```
Average throughput: 9.83 Mbit/s
```

```
95th percentile per-packet one-way delay: 49.264 ms
```

```
Loss rate: 0.00%
```

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



Run 1: Statistics of Saturator

Start at: Tue, 13 Jun 2017 18:35:16 +0000

End at: Tue, 13 Jun 2017 18:35:46 +0000

Local clock offset: 3.232 ms

Remote clock offset: 1.454 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:22:39 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 31.96 Mbit/s

95th percentile per-packet one-way delay: 56.149 ms

Loss rate: 0.00%

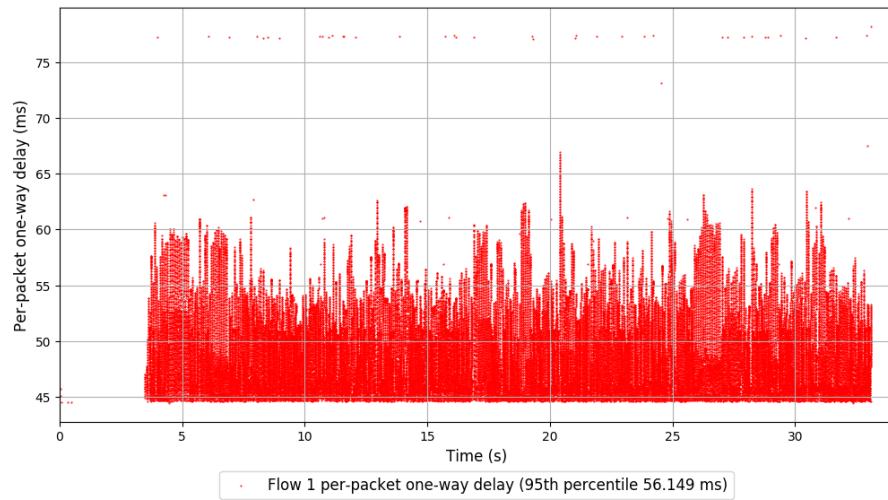
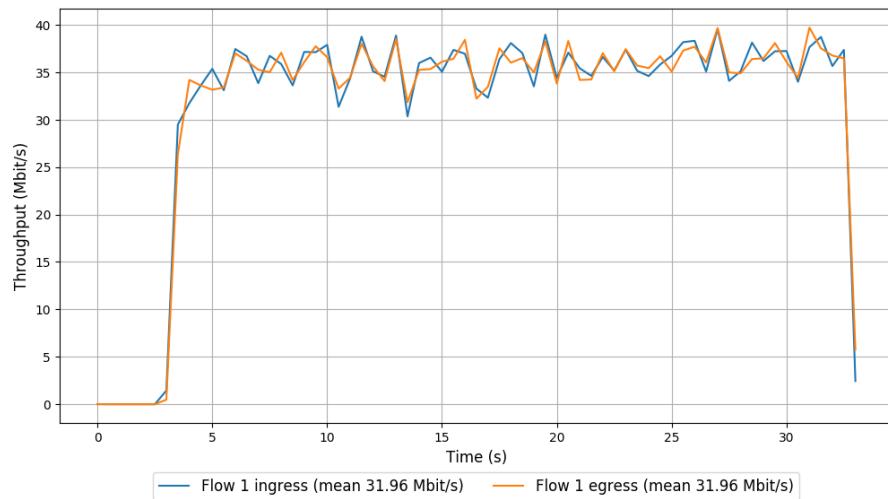
-- Flow 1:

Average throughput: 31.96 Mbit/s

95th percentile per-packet one-way delay: 56.149 ms

Loss rate: 0.00%

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

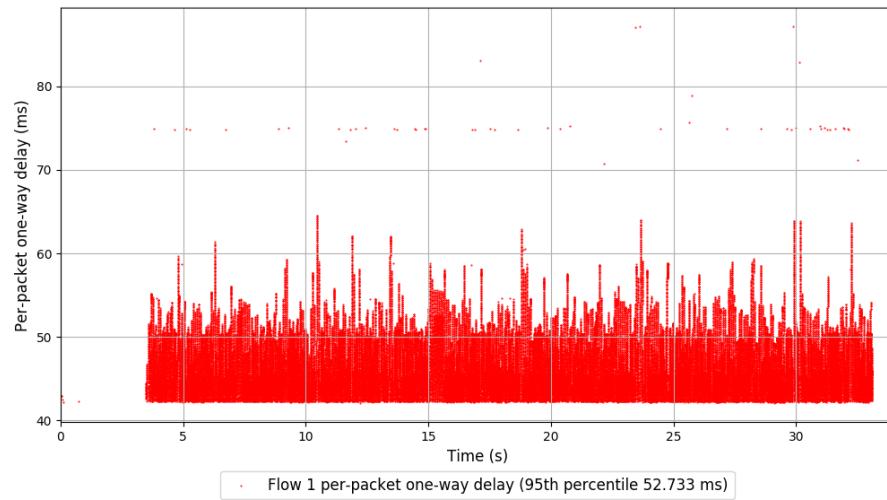
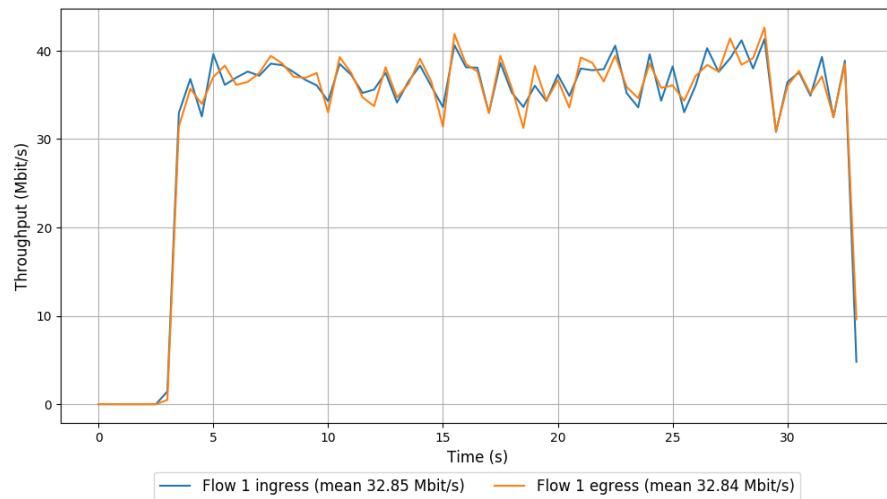


Run 2: Statistics of Saturator

```
Start at: Tue, 13 Jun 2017 18:54:10 +0000
End at: Tue, 13 Jun 2017 18:54:40 +0000
Local clock offset: 1.795 ms
Remote clock offset: 1.048 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:22:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 32.84 Mbit/s
95th percentile per-packet one-way delay: 52.733 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 32.84 Mbit/s
95th percentile per-packet one-way delay: 52.733 ms
Loss rate: 0.00%
```

## Run 2: Report of Saturator — Data Link

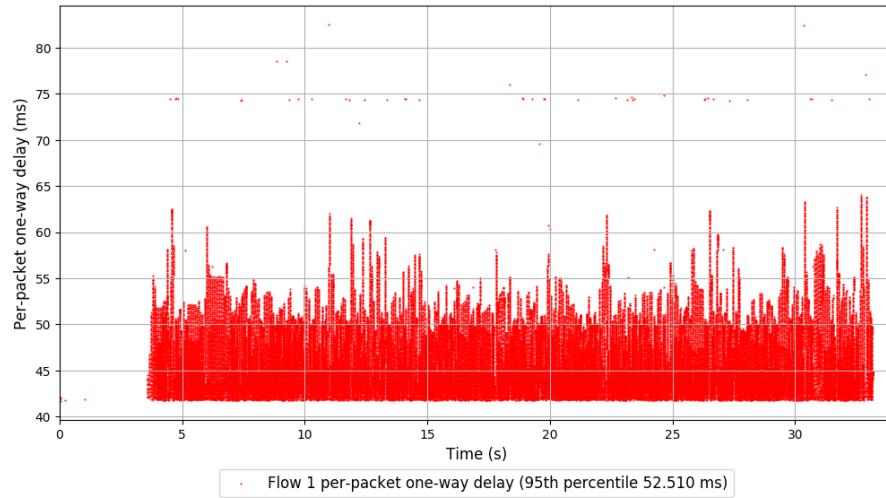
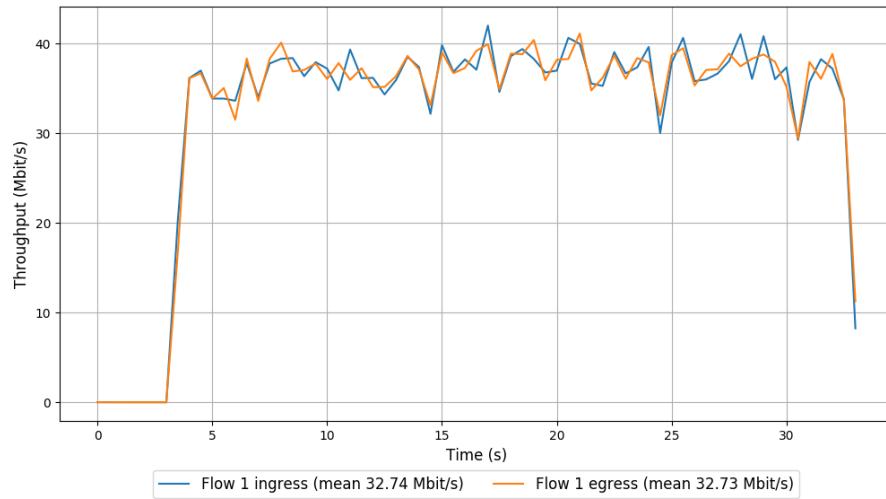


Run 3: Statistics of Saturator

```
Start at: Tue, 13 Jun 2017 19:12:32 +0000
End at: Tue, 13 Jun 2017 19:13:02 +0000
Local clock offset: 3.917 ms
Remote clock offset: 0.604 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:23:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 32.73 Mbit/s
95th percentile per-packet one-way delay: 52.510 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 32.73 Mbit/s
95th percentile per-packet one-way delay: 52.510 ms
Loss rate: 0.00%
```

Run 3: Report of Saturator — Data Link

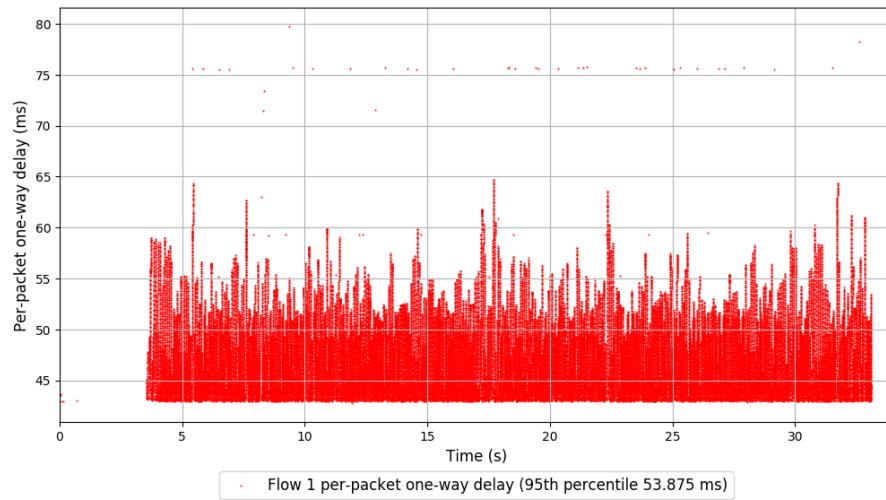
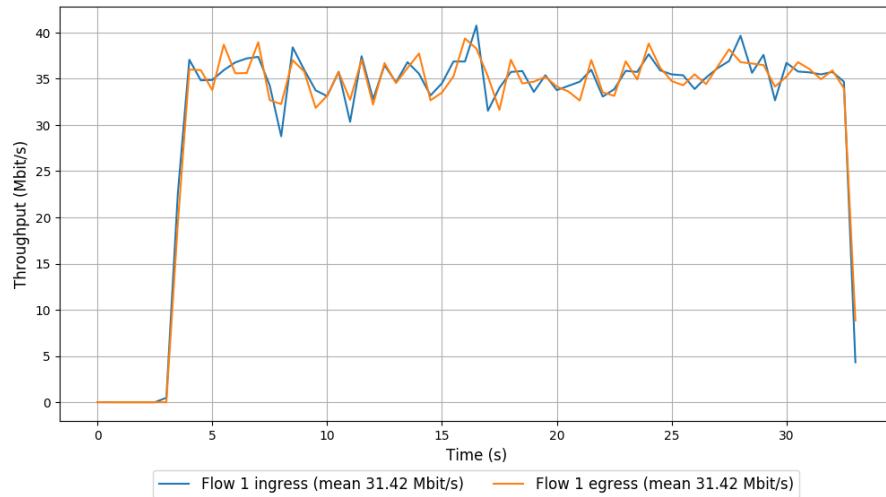


Run 4: Statistics of Saturator

```
Start at: Tue, 13 Jun 2017 19:31:02 +0000
End at: Tue, 13 Jun 2017 19:31:32 +0000
Local clock offset: 4.303 ms
Remote clock offset: 0.444 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:23:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 31.42 Mbit/s
95th percentile per-packet one-way delay: 53.875 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 31.42 Mbit/s
95th percentile per-packet one-way delay: 53.875 ms
Loss rate: 0.00%
```

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

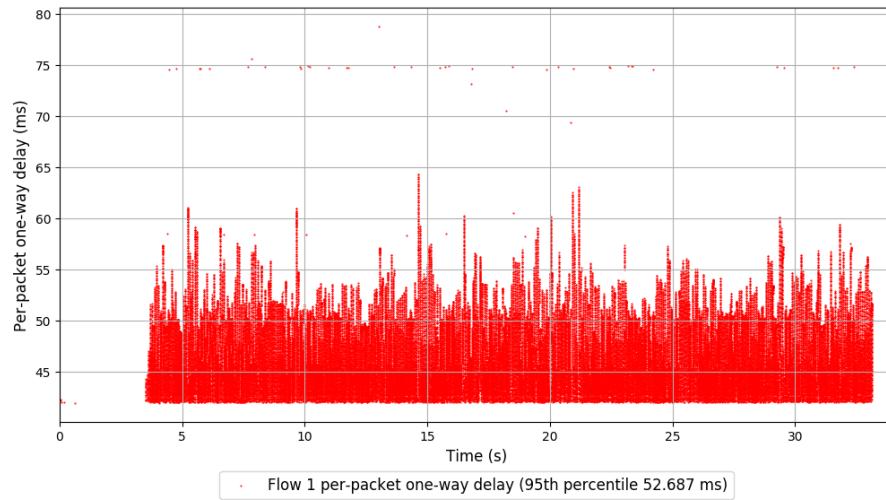
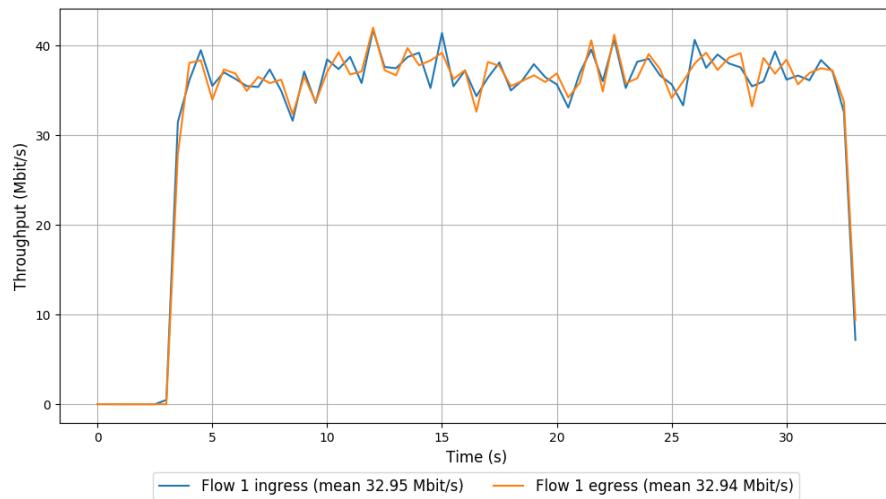


Run 5: Statistics of Saturator

```
Start at: Tue, 13 Jun 2017 19:49:27 +0000
End at: Tue, 13 Jun 2017 19:49:57 +0000
Local clock offset: 1.853 ms
Remote clock offset: 0.658 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:23:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 32.94 Mbit/s
95th percentile per-packet one-way delay: 52.687 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 32.94 Mbit/s
95th percentile per-packet one-way delay: 52.687 ms
Loss rate: 0.00%
```

Run 5: Report of Saturator — Data Link

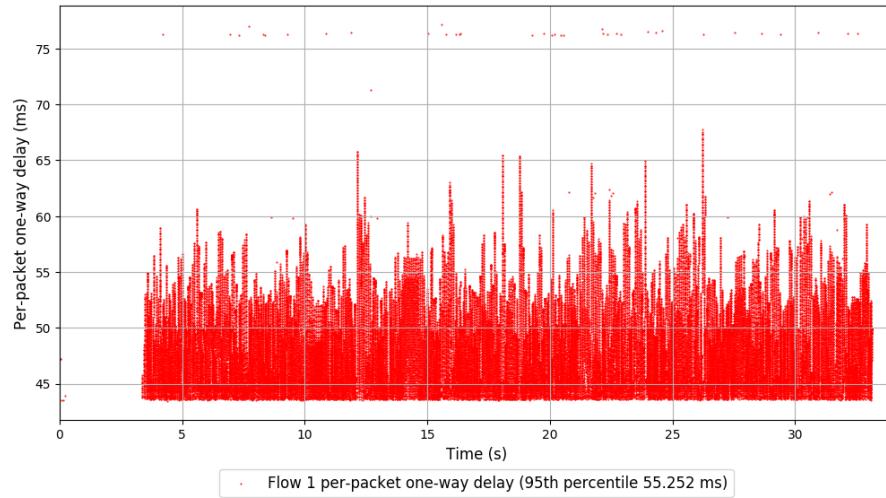
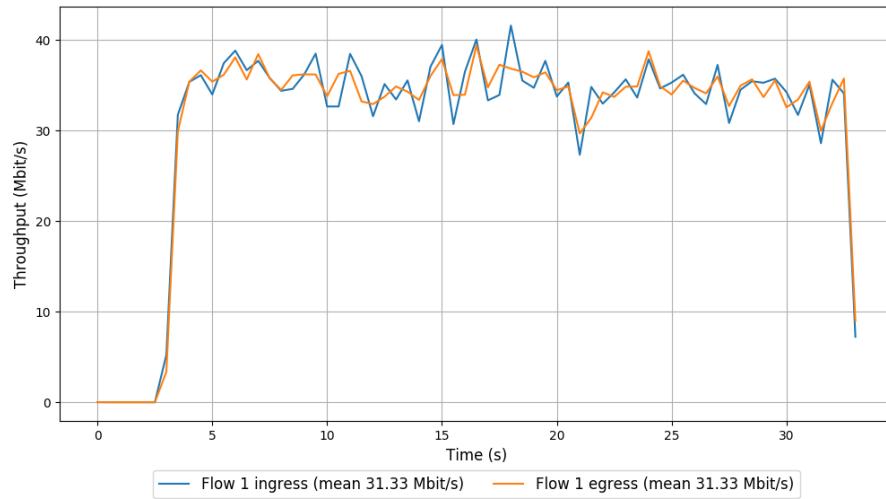


Run 6: Statistics of Saturator

```
Start at: Tue, 13 Jun 2017 20:08:06 +0000
End at: Tue, 13 Jun 2017 20:08:36 +0000
Local clock offset: 1.267 ms
Remote clock offset: 0.682 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:23:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 31.33 Mbit/s
95th percentile per-packet one-way delay: 55.252 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 31.33 Mbit/s
95th percentile per-packet one-way delay: 55.252 ms
Loss rate: 0.03%
```

Run 6: Report of Saturator — Data Link

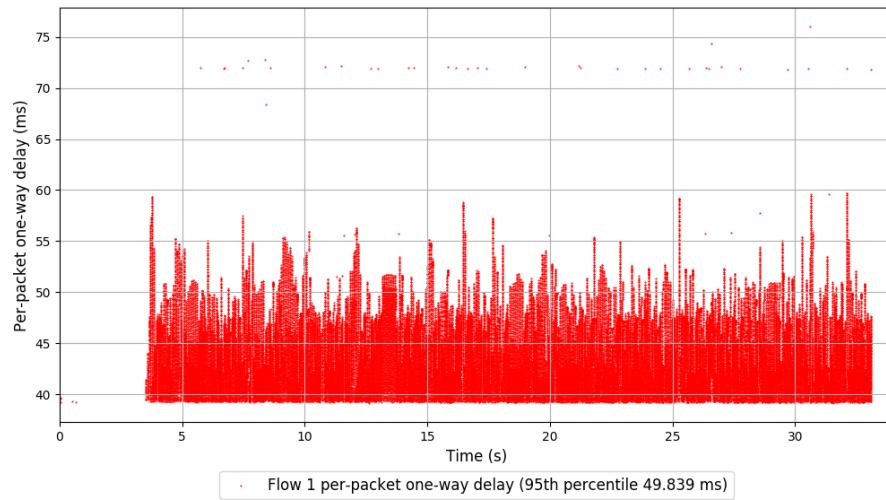
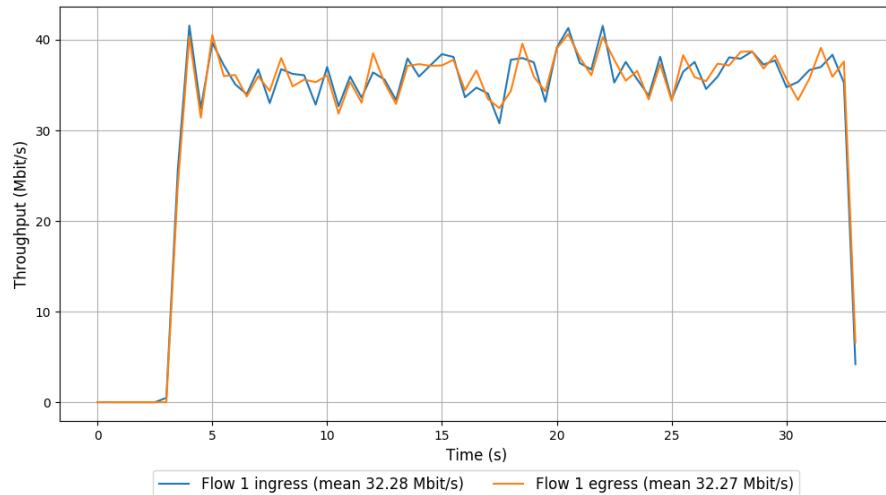


Run 7: Statistics of Saturator

```
Start at: Tue, 13 Jun 2017 20:26:34 +0000
End at: Tue, 13 Jun 2017 20:27:04 +0000
Local clock offset: -2.533 ms
Remote clock offset: 0.517 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:23:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 32.27 Mbit/s
95th percentile per-packet one-way delay: 49.839 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 32.27 Mbit/s
95th percentile per-packet one-way delay: 49.839 ms
Loss rate: 0.00%
```

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

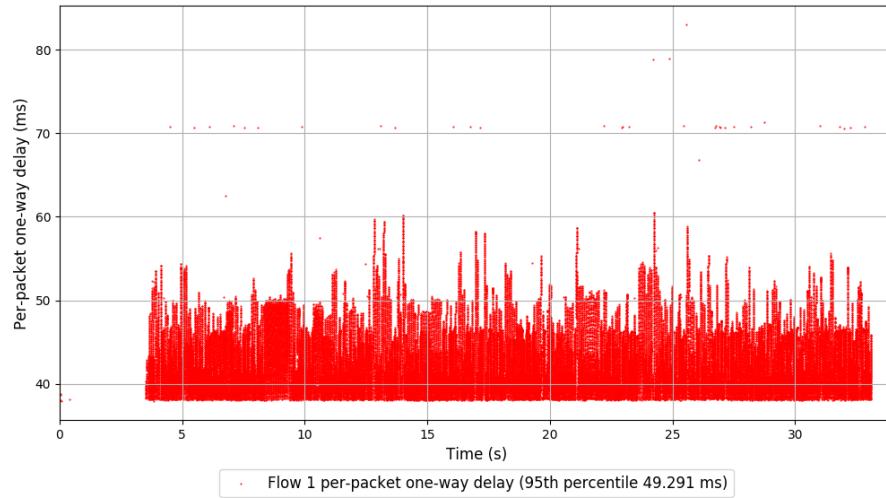
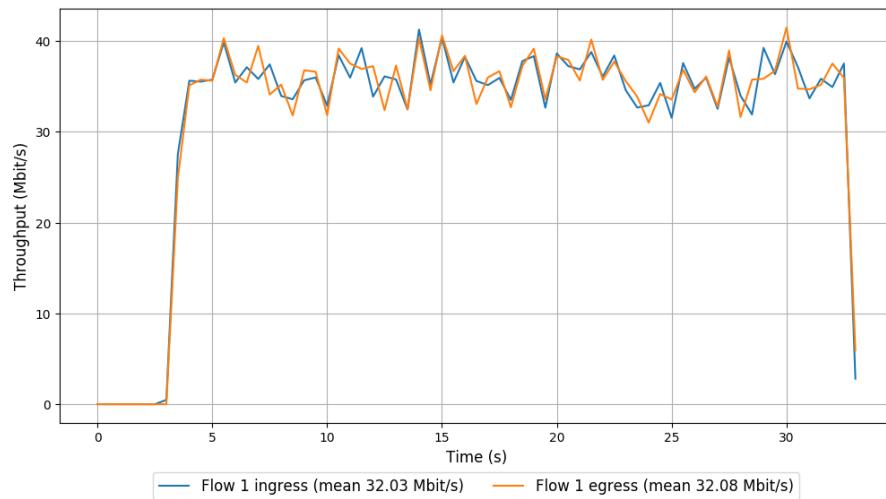


Run 8: Statistics of Saturator

```
Start at: Tue, 13 Jun 2017 20:45:02 +0000
End at: Tue, 13 Jun 2017 20:45:32 +0000
Local clock offset: -4.747 ms
Remote clock offset: -0.557 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:23:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 32.08 Mbit/s
95th percentile per-packet one-way delay: 49.291 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 32.08 Mbit/s
95th percentile per-packet one-way delay: 49.291 ms
Loss rate: 0.00%
```

Run 8: Report of Saturator — Data Link

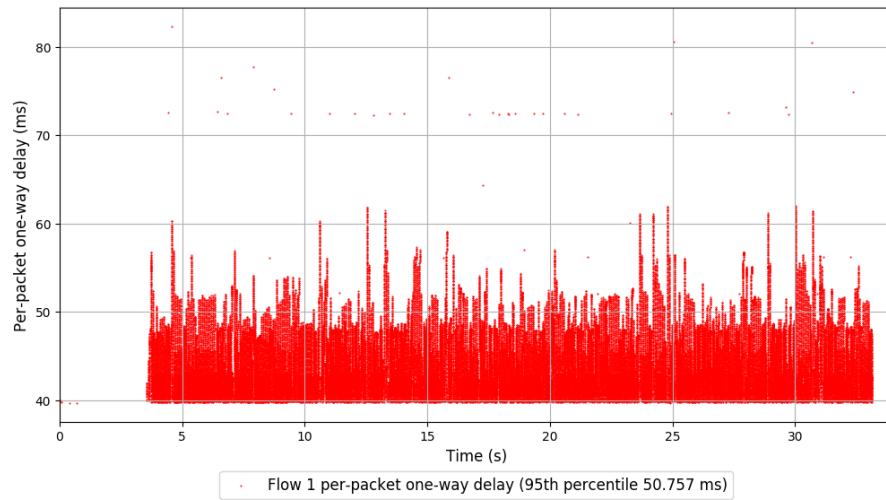
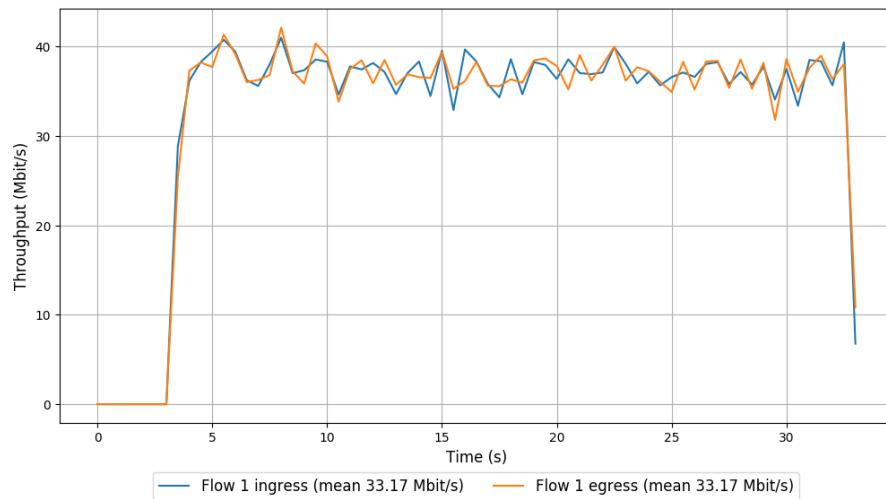


Run 9: Statistics of Saturator

```
Start at: Tue, 13 Jun 2017 21:03:44 +0000
End at: Tue, 13 Jun 2017 21:04:14 +0000
Local clock offset: 0.223 ms
Remote clock offset: 0.419 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:24:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 33.17 Mbit/s
95th percentile per-packet one-way delay: 50.757 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 33.17 Mbit/s
95th percentile per-packet one-way delay: 50.757 ms
Loss rate: 0.00%
```

Run 9: Report of Saturator — Data Link



```
Run 10: Statistics of Saturator
```

```
Start at: Tue, 13 Jun 2017 21:22:12 +0000
```

```
End at: Tue, 13 Jun 2017 21:22:42 +0000
```

```
Local clock offset: 2.549 ms
```

```
Remote clock offset: 0.696 ms
```

```
# Below is generated by plot.py at Wed, 14 Jun 2017 02:24:31 +0000
```

```
# Datalink statistics
```

```
-- Total of 1 flow:
```

```
Average throughput: 32.42 Mbit/s
```

```
95th percentile per-packet one-way delay: 50.978 ms
```

```
Loss rate: 0.00%
```

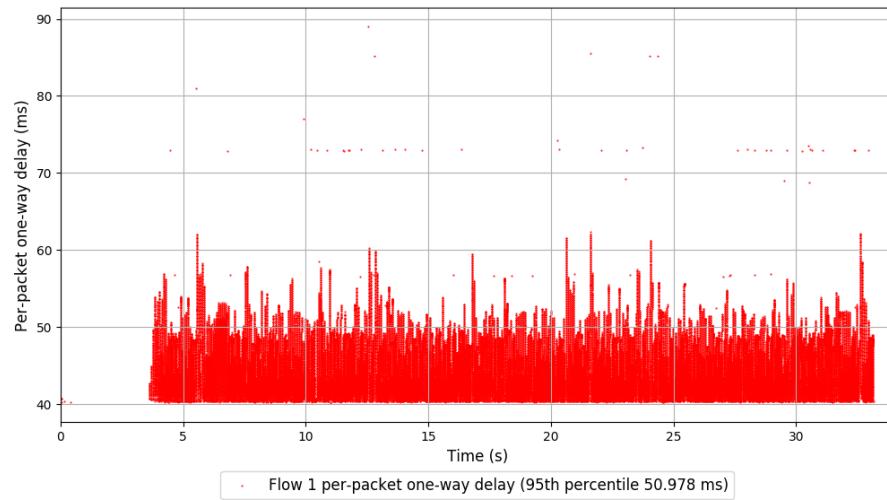
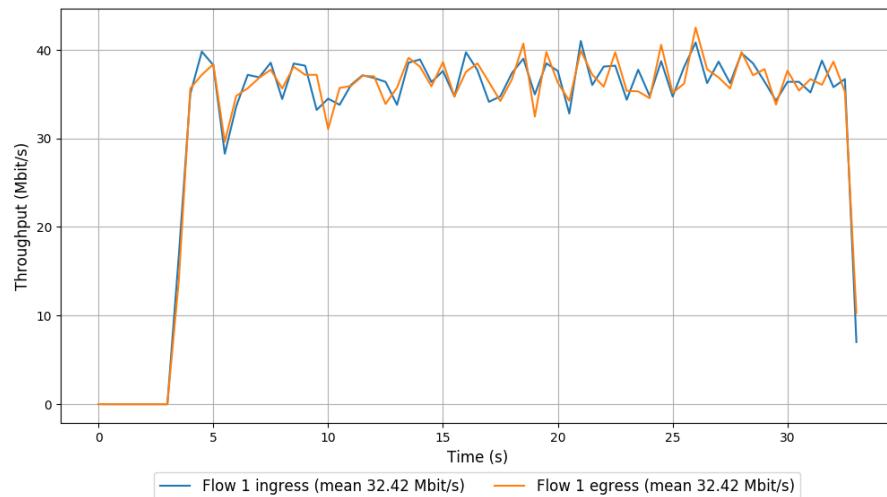
```
-- Flow 1:
```

```
Average throughput: 32.42 Mbit/s
```

```
95th percentile per-packet one-way delay: 50.978 ms
```

```
Loss rate: 0.00%
```

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

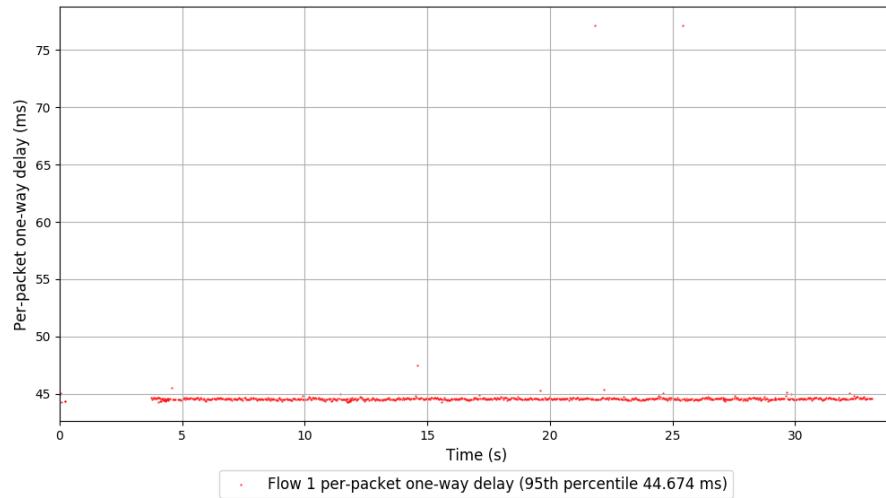
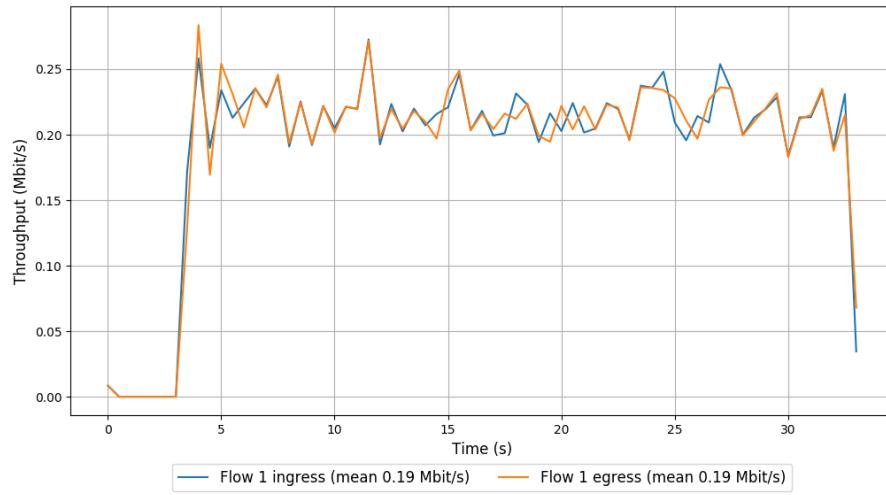


Run 1: Statistics of SCReAM

```
Start at: Tue, 13 Jun 2017 18:28:17 +0000
End at: Tue, 13 Jun 2017 18:28:47 +0000
Local clock offset: 2.012 ms
Remote clock offset: 2.384 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:24:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 44.674 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 44.674 ms
Loss rate: 0.00%
```

Run 1: Report of SCReAM — Data Link

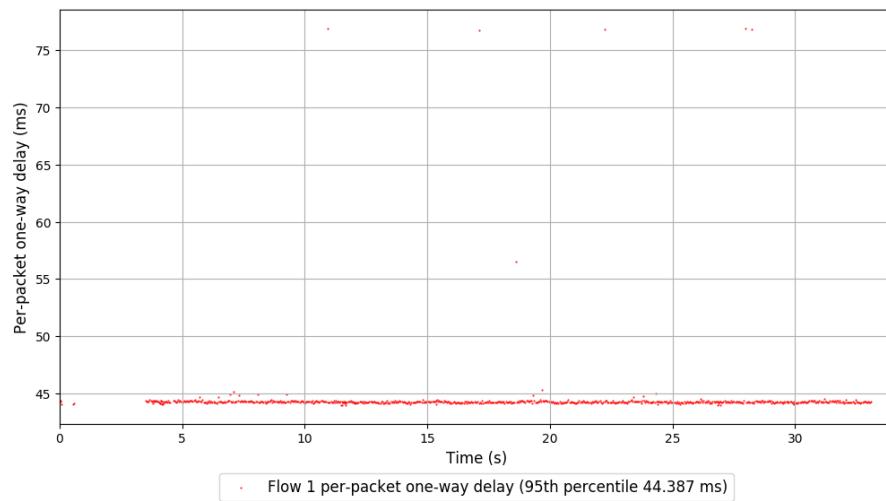
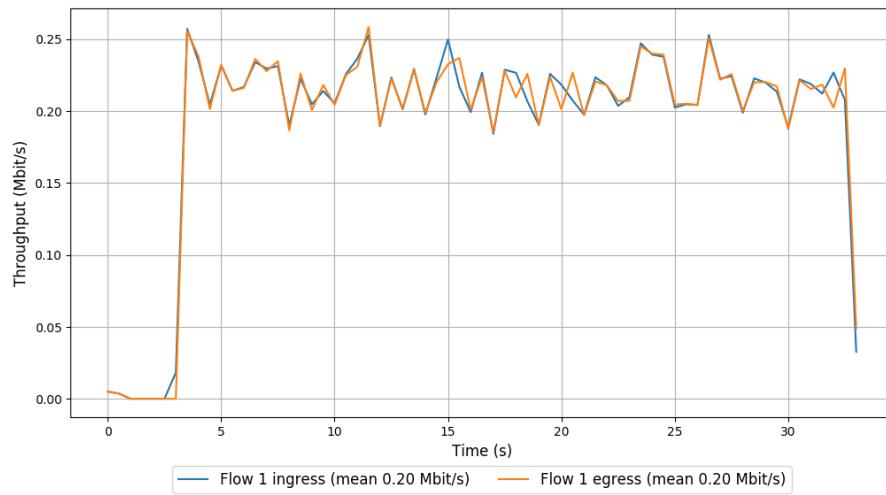


Run 2: Statistics of SCReAM

```
Start at: Tue, 13 Jun 2017 18:46:45 +0000
End at: Tue, 13 Jun 2017 18:47:15 +0000
Local clock offset: 2.602 ms
Remote clock offset: 0.596 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:24:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 44.387 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 44.387 ms
Loss rate: 0.00%
```

## Run 2: Report of SCReAM — Data Link

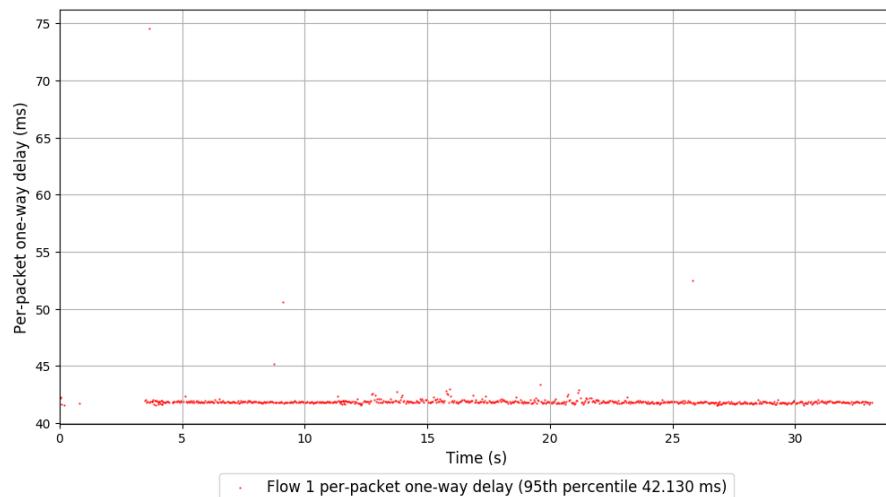
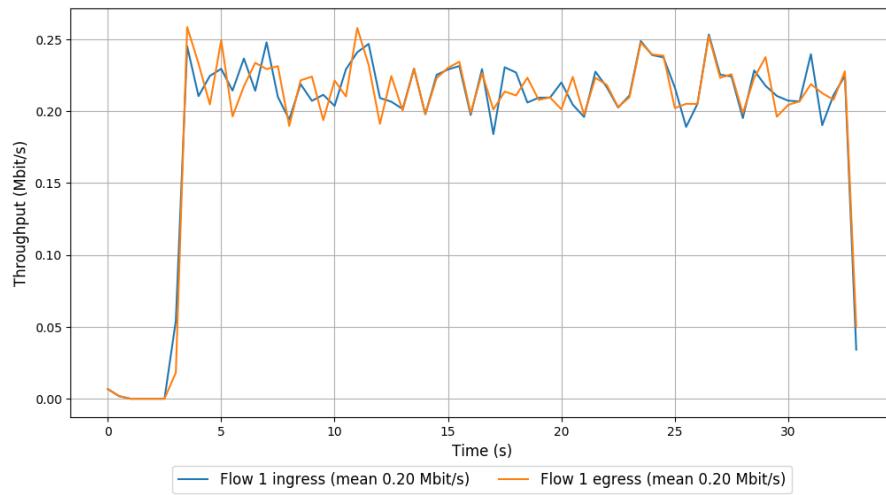


Run 3: Statistics of SCReAM

```
Start at: Tue, 13 Jun 2017 19:05:19 +0000
End at: Tue, 13 Jun 2017 19:05:49 +0000
Local clock offset: 2.932 ms
Remote clock offset: 0.958 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:24:38 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 42.130 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 42.130 ms
Loss rate: 0.00%
```

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

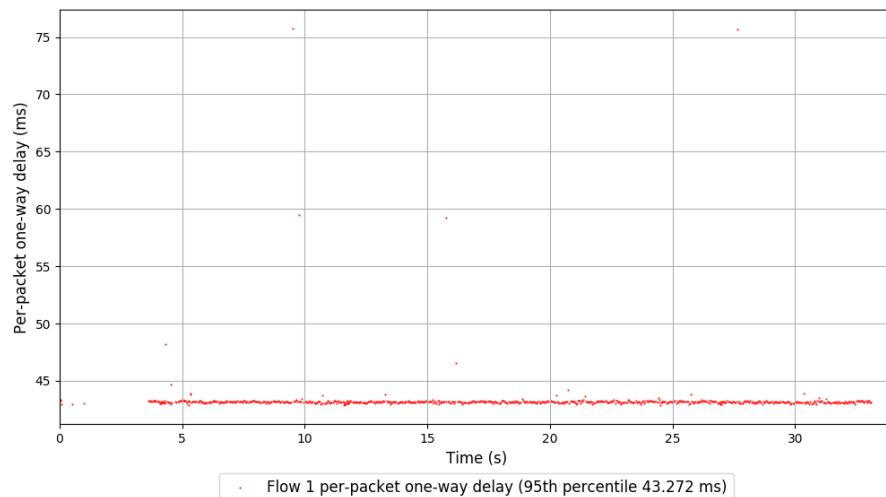
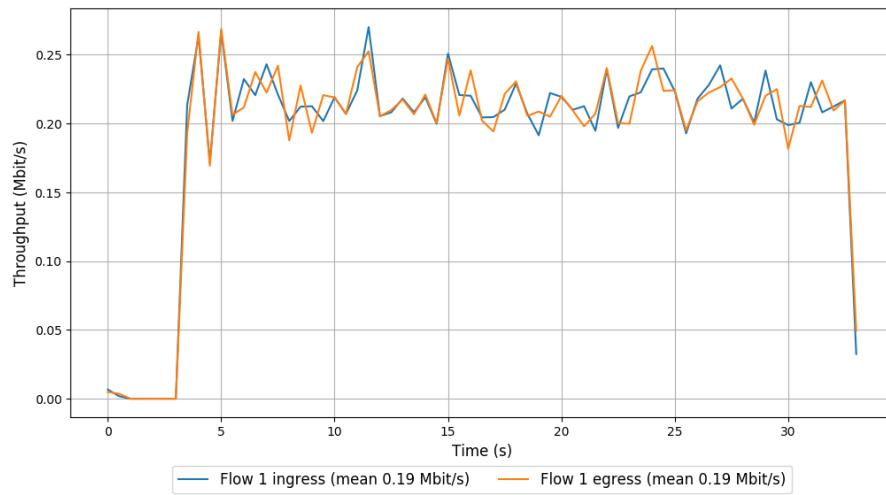


Run 4: Statistics of SCReAM

```
Start at: Tue, 13 Jun 2017 19:23:36 +0000
End at: Tue, 13 Jun 2017 19:24:06 +0000
Local clock offset: 1.727 ms
Remote clock offset: -0.025 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:24:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 43.272 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 43.272 ms
Loss rate: 0.00%
```

Run 4: Report of SCReAM — Data Link

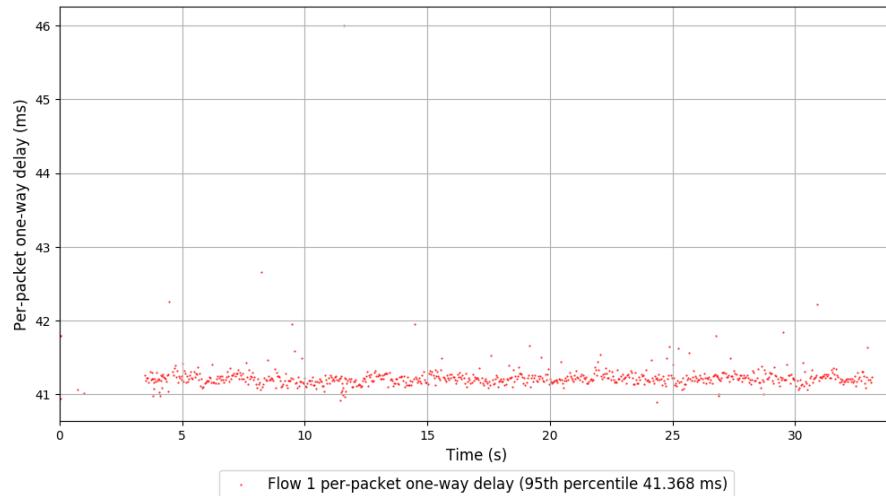
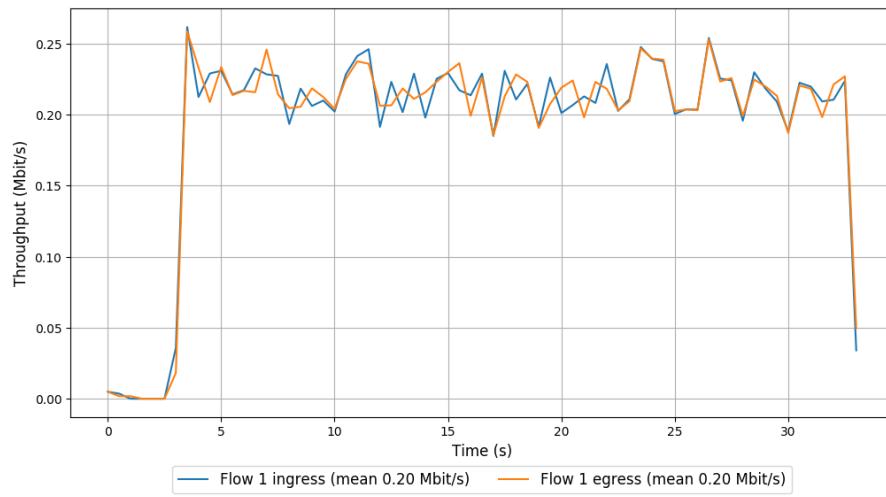


Run 5: Statistics of SCReAM

```
Start at: Tue, 13 Jun 2017 19:42:29 +0000
End at: Tue, 13 Jun 2017 19:42:59 +0000
Local clock offset: 0.54 ms
Remote clock offset: 0.418 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:24:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 41.368 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 41.368 ms
Loss rate: 0.00%
```

Run 5: Report of SCReAM — Data Link

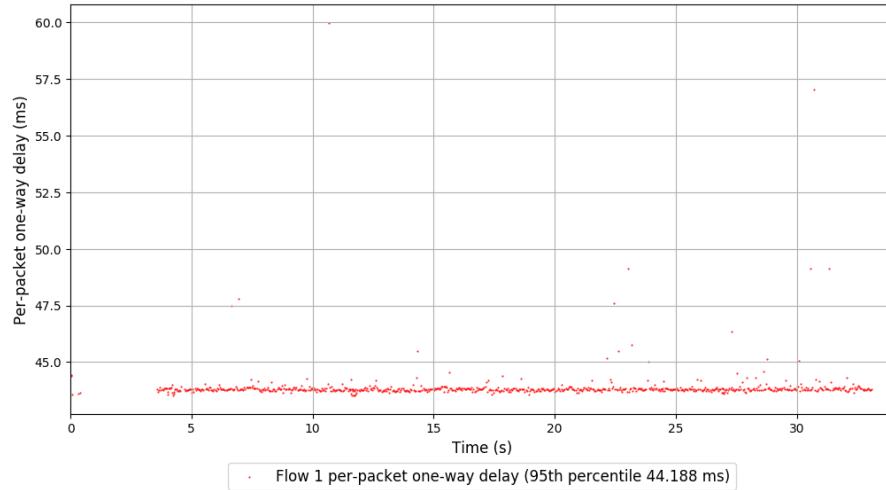
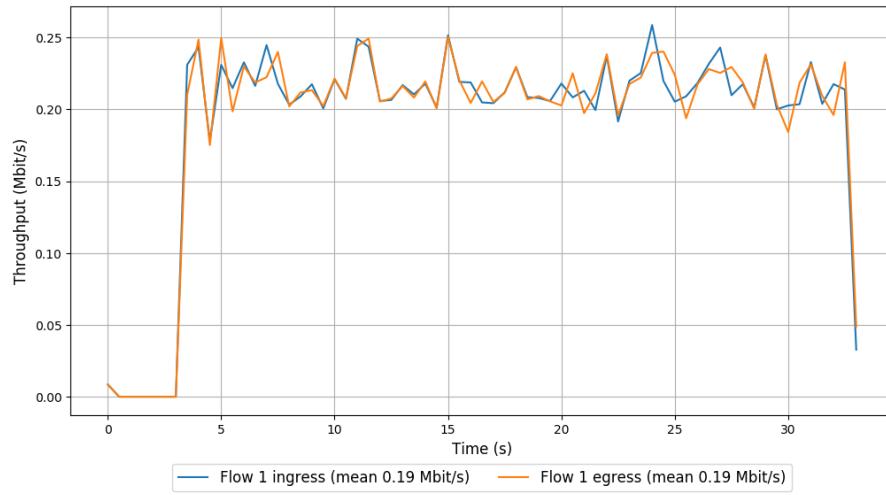


Run 6: Statistics of SCReAM

```
Start at: Tue, 13 Jun 2017 20:00:33 +0000
End at: Tue, 13 Jun 2017 20:01:03 +0000
Local clock offset: 2.808 ms
Remote clock offset: 0.208 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:24:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 44.188 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 44.188 ms
Loss rate: 0.00%
```

## Run 6: Report of SCReAM — Data Link

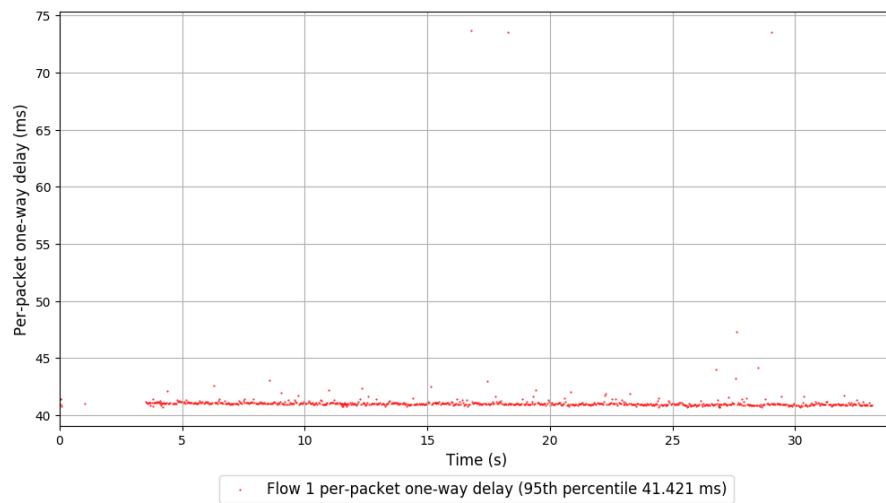
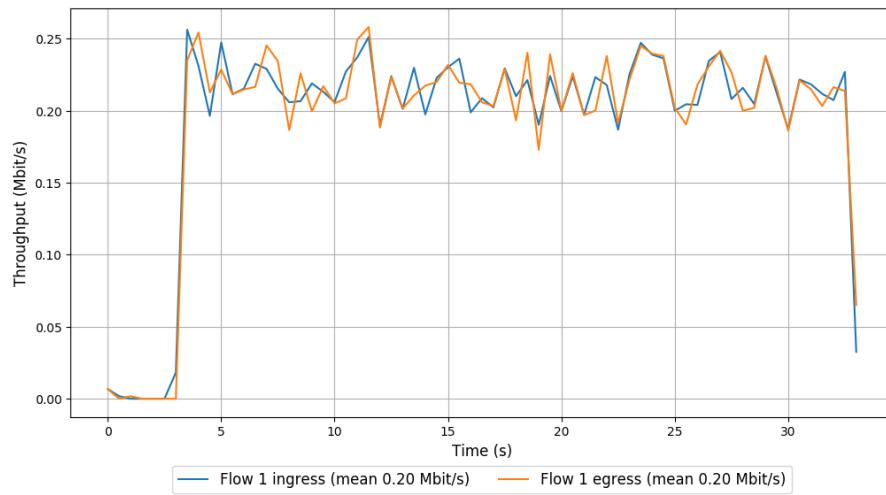


Run 7: Statistics of SCReAM

```
Start at: Tue, 13 Jun 2017 20:19:12 +0000
End at: Tue, 13 Jun 2017 20:19:42 +0000
Local clock offset: 0.585 ms
Remote clock offset: 0.465 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:24:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 41.421 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 41.421 ms
Loss rate: 0.00%
```

Run 7: Report of SCReAM — Data Link

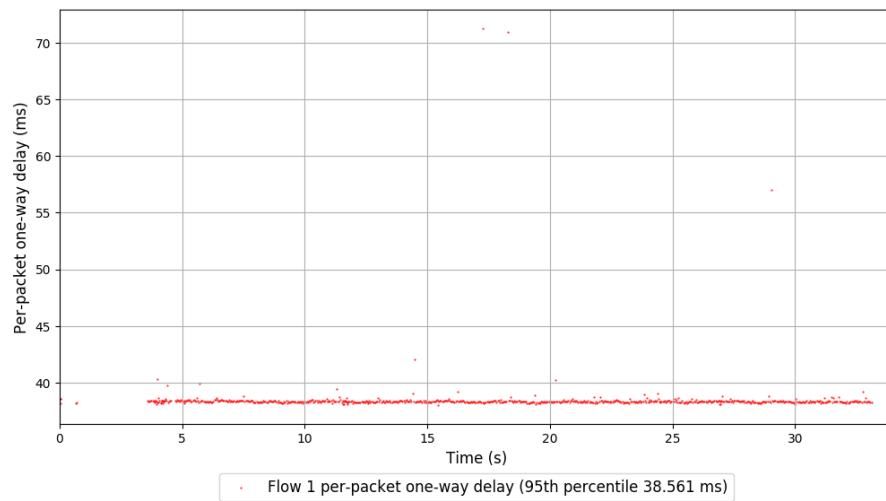
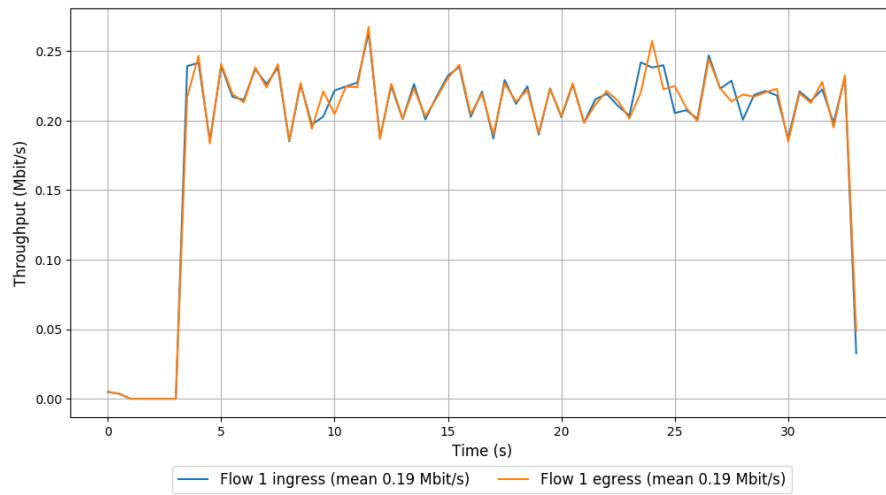


Run 8: Statistics of SCReAM

```
Start at: Tue, 13 Jun 2017 20:37:43 +0000
End at: Tue, 13 Jun 2017 20:38:13 +0000
Local clock offset: 4.406 ms
Remote clock offset: 0.731 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:25:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 38.561 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 38.561 ms
Loss rate: 0.00%
```

Run 8: Report of SCReAM — Data Link

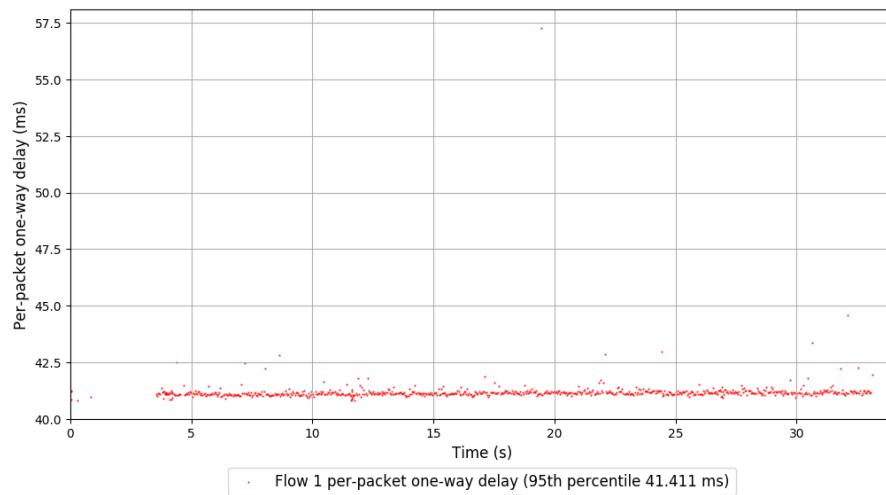
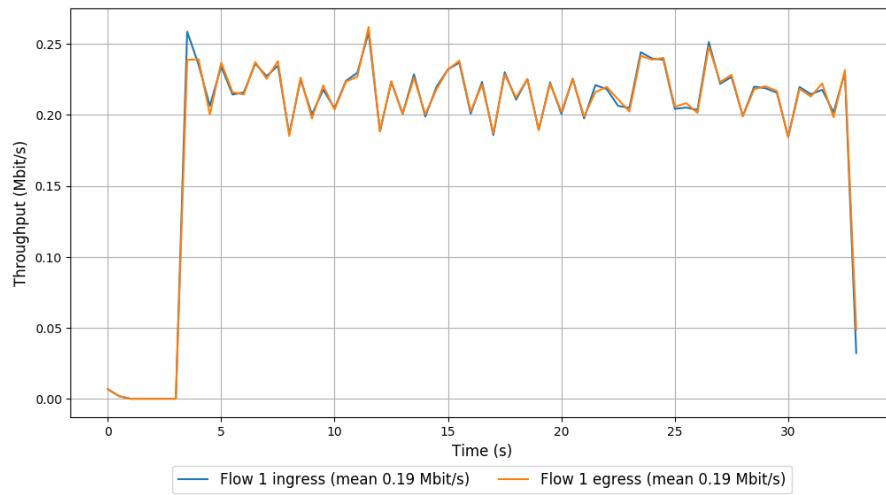


Run 9: Statistics of SCReAM

```
Start at: Tue, 13 Jun 2017 20:56:09 +0000
End at: Tue, 13 Jun 2017 20:56:39 +0000
Local clock offset: -1.519 ms
Remote clock offset: 0.028 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:25:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 41.411 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 41.411 ms
Loss rate: 0.00%
```

Run 9: Report of SCReAM — Data Link

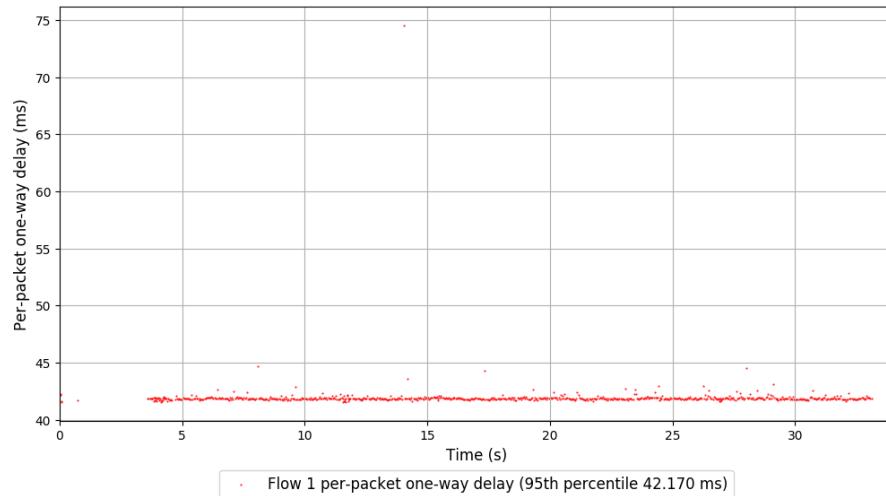
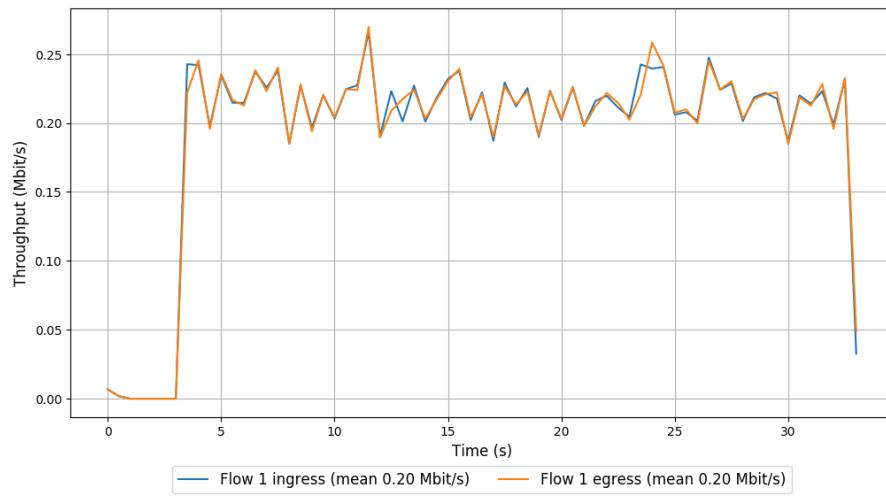


Run 10: Statistics of SCReAM

```
Start at: Tue, 13 Jun 2017 21:14:59 +0000
End at: Tue, 13 Jun 2017 21:15:29 +0000
Local clock offset: -0.362 ms
Remote clock offset: 0.239 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:25:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 42.170 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 42.170 ms
Loss rate: 0.00%
```

Run 10: Report of SCReAM — Data Link

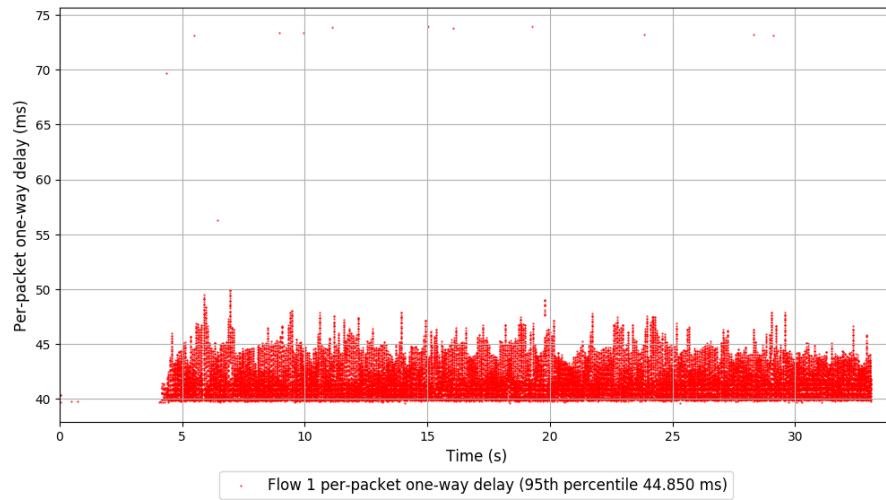
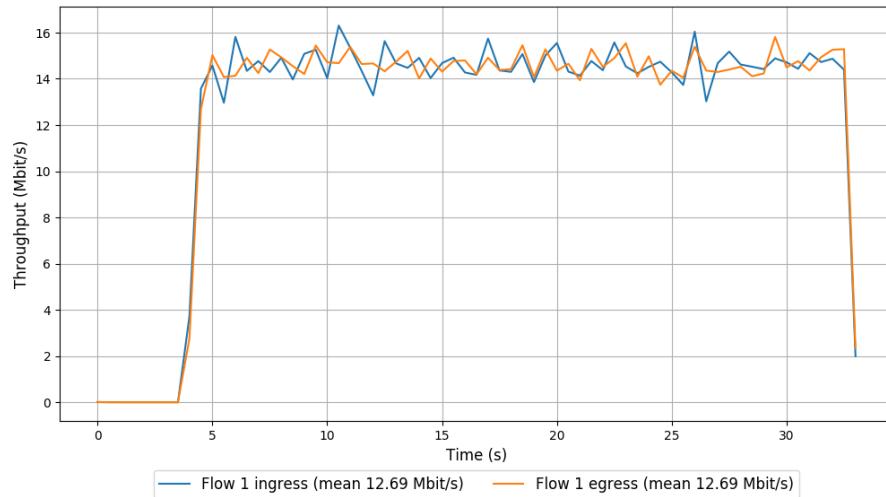


Run 1: Statistics of Sprout

```
Start at: Tue, 13 Jun 2017 18:25:35 +0000
End at: Tue, 13 Jun 2017 18:26:05 +0000
Local clock offset: 0.743 ms
Remote clock offset: 1.625 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:25:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.69 Mbit/s
95th percentile per-packet one-way delay: 44.850 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.69 Mbit/s
95th percentile per-packet one-way delay: 44.850 ms
Loss rate: 0.00%
```

## Run 1: Report of Sprout — Data Link

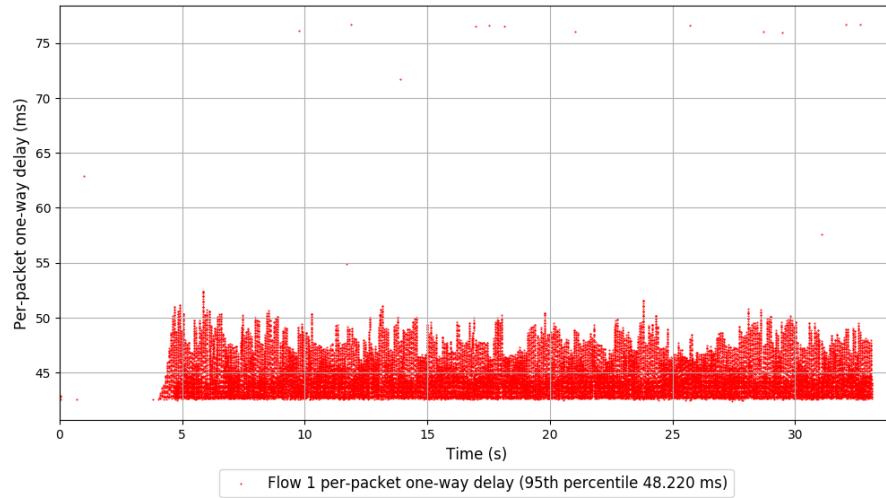
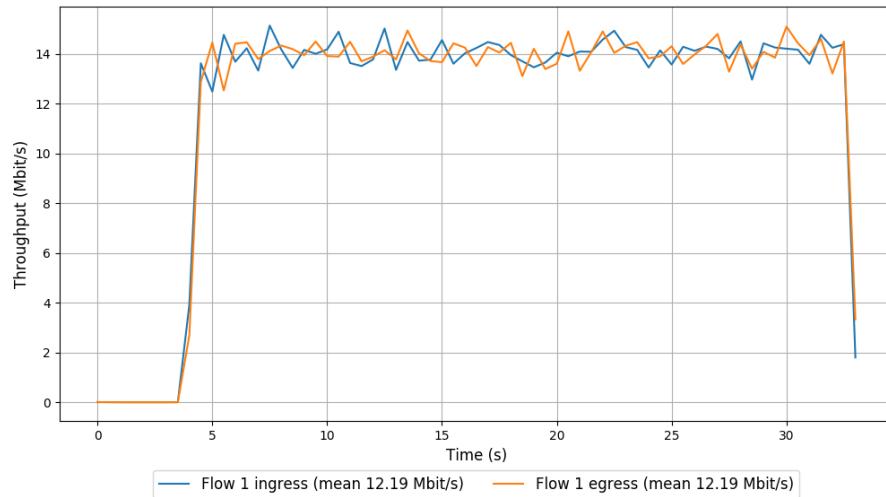


Run 2: Statistics of Sprout

```
Start at: Tue, 13 Jun 2017 18:43:53 +0000
End at: Tue, 13 Jun 2017 18:44:23 +0000
Local clock offset: 0.155 ms
Remote clock offset: 1.124 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:25:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.19 Mbit/s
95th percentile per-packet one-way delay: 48.220 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.19 Mbit/s
95th percentile per-packet one-way delay: 48.220 ms
Loss rate: 0.00%
```

## Run 2: Report of Sprout — Data Link

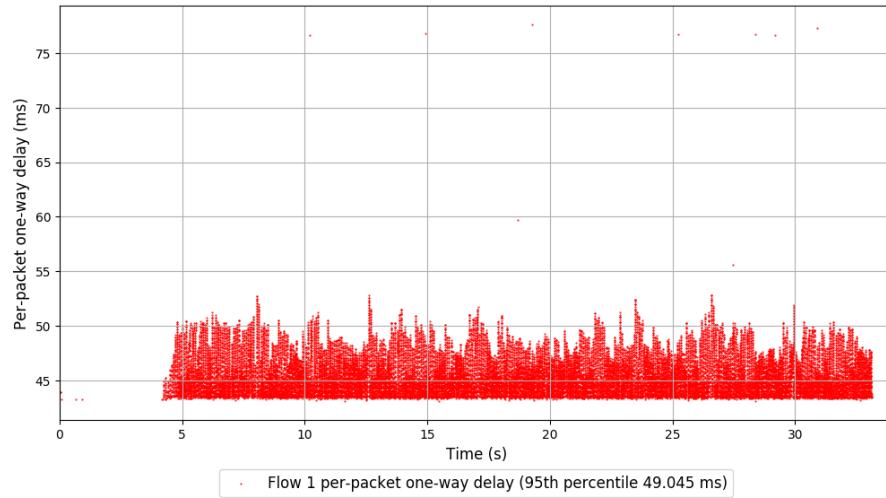
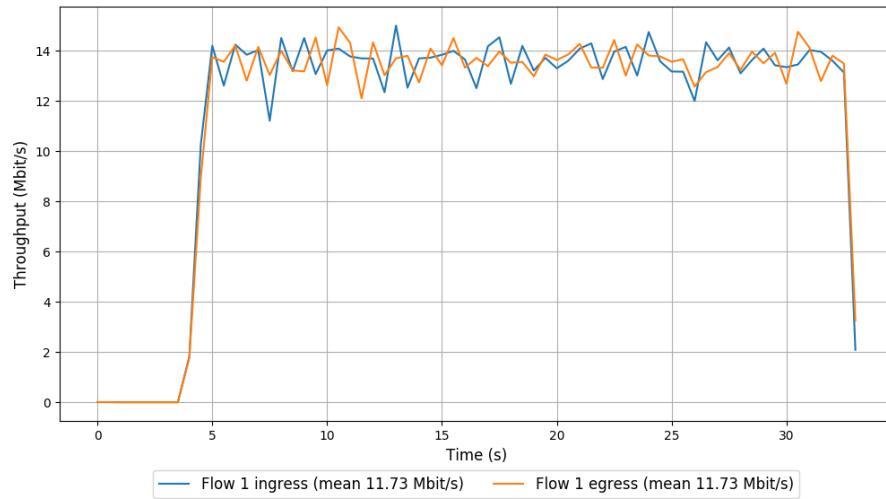


Run 3: Statistics of Sprout

```
Start at: Tue, 13 Jun 2017 19:03:03 +0000
End at: Tue, 13 Jun 2017 19:03:33 +0000
Local clock offset: 3.0 ms
Remote clock offset: 1.061 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:25:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.73 Mbit/s
95th percentile per-packet one-way delay: 49.045 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.73 Mbit/s
95th percentile per-packet one-way delay: 49.045 ms
Loss rate: 0.00%
```

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

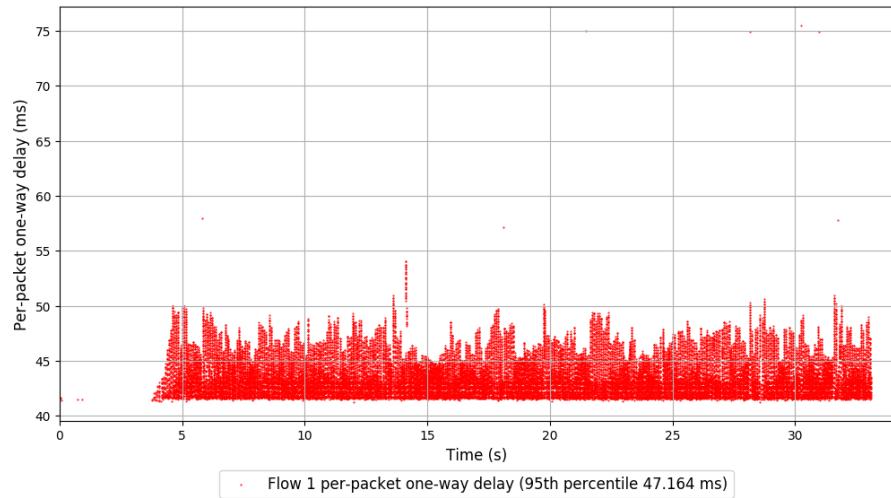
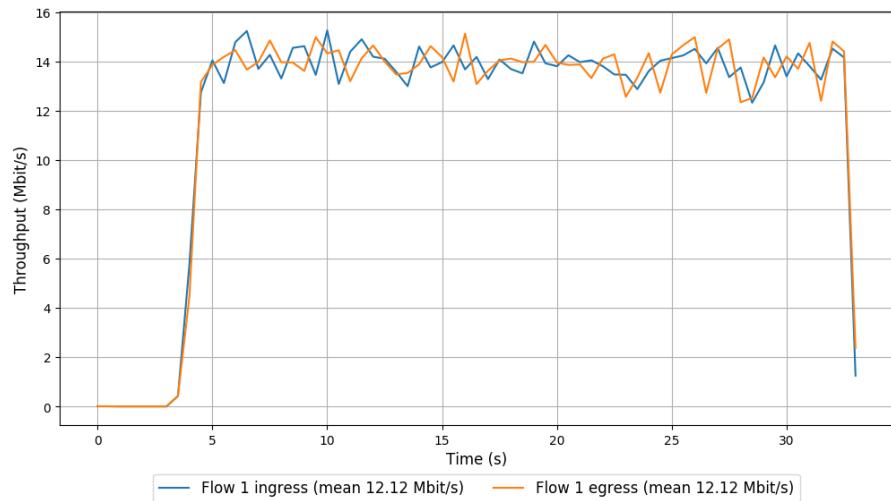


Run 4: Statistics of Sprout

```
Start at: Tue, 13 Jun 2017 19:21:19 +0000
End at: Tue, 13 Jun 2017 19:21:49 +0000
Local clock offset: 0.887 ms
Remote clock offset: 0.409 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:25:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.12 Mbit/s
95th percentile per-packet one-way delay: 47.164 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.12 Mbit/s
95th percentile per-packet one-way delay: 47.164 ms
Loss rate: 0.00%
```

## Run 4: Report of Sprout — Data Link

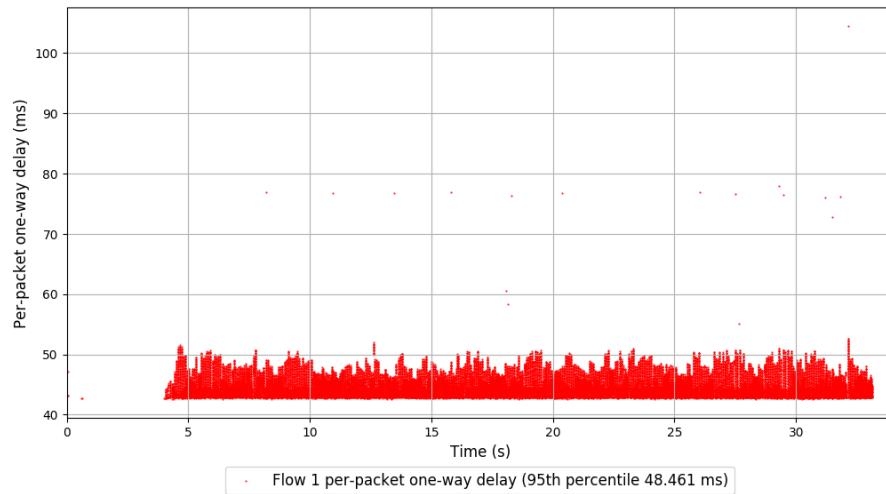
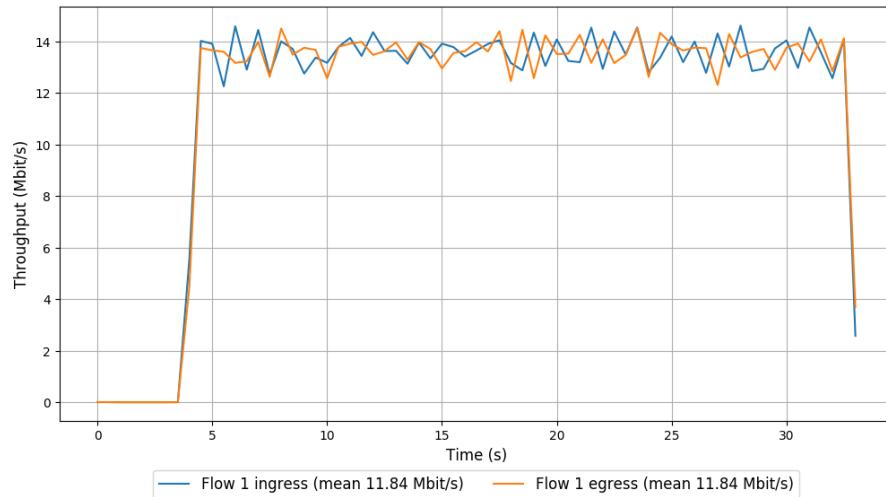


Run 5: Statistics of Sprout

```
Start at: Tue, 13 Jun 2017 19:39:47 +0000
End at: Tue, 13 Jun 2017 19:40:17 +0000
Local clock offset: 3.637 ms
Remote clock offset: -1.022 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:25:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.84 Mbit/s
95th percentile per-packet one-way delay: 48.461 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.84 Mbit/s
95th percentile per-packet one-way delay: 48.461 ms
Loss rate: 0.00%
```

Run 5: Report of Sprout — Data Link

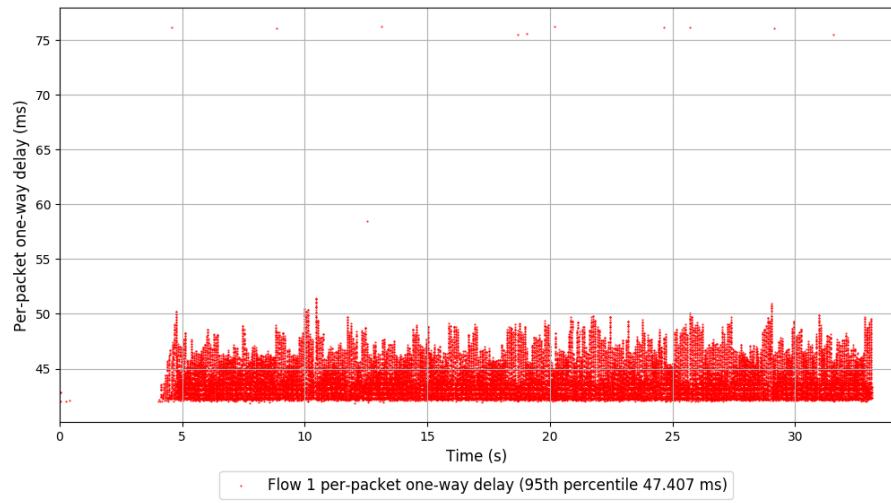
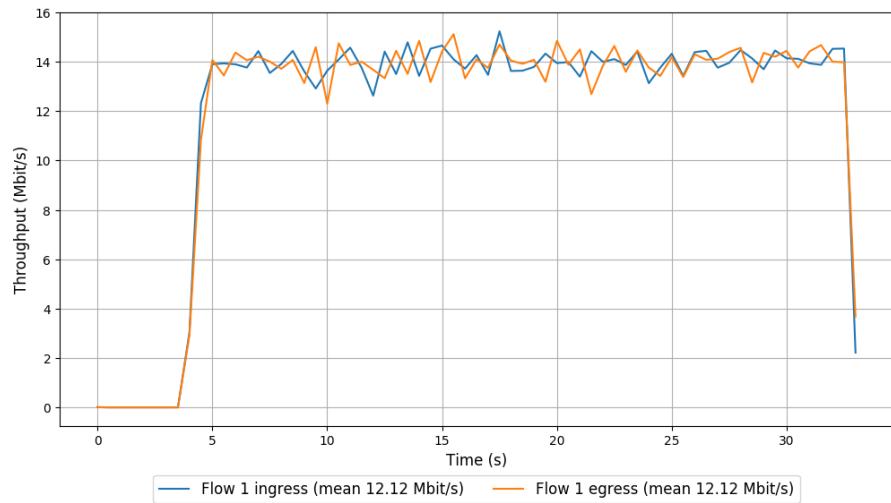


Run 6: Statistics of Sprout

```
Start at: Tue, 13 Jun 2017 19:58:17 +0000
End at: Tue, 13 Jun 2017 19:58:47 +0000
Local clock offset: 2.602 ms
Remote clock offset: 0.701 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:25:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.12 Mbit/s
95th percentile per-packet one-way delay: 47.407 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.12 Mbit/s
95th percentile per-packet one-way delay: 47.407 ms
Loss rate: 0.00%
```

## Run 6: Report of Sprout — Data Link

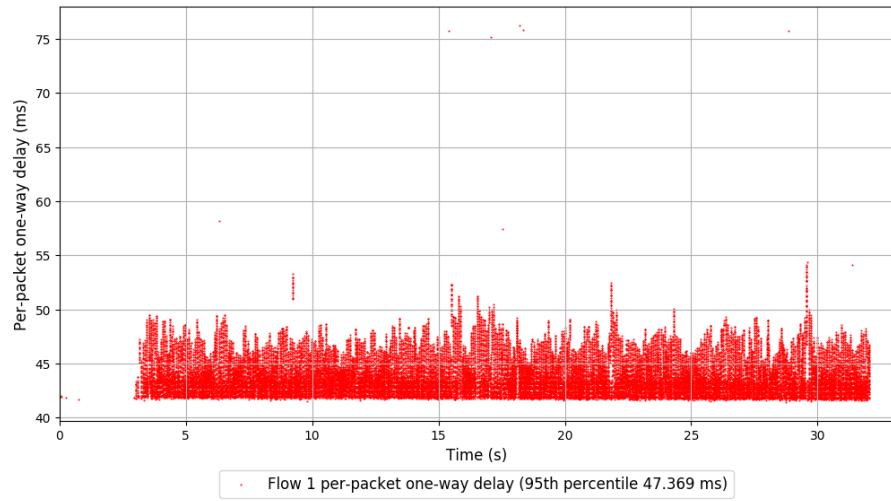
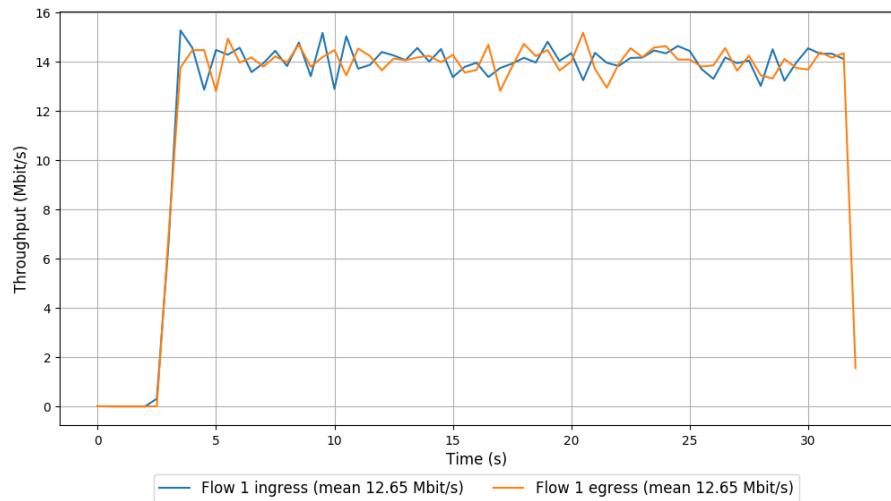


Run 7: Statistics of Sprout

```
Start at: Tue, 13 Jun 2017 20:16:56 +0000
End at: Tue, 13 Jun 2017 20:17:26 +0000
Local clock offset: -3.824 ms
Remote clock offset: 0.357 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:26:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.65 Mbit/s
95th percentile per-packet one-way delay: 47.369 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.65 Mbit/s
95th percentile per-packet one-way delay: 47.369 ms
Loss rate: 0.00%
```

## Run 7: Report of Sprout — Data Link

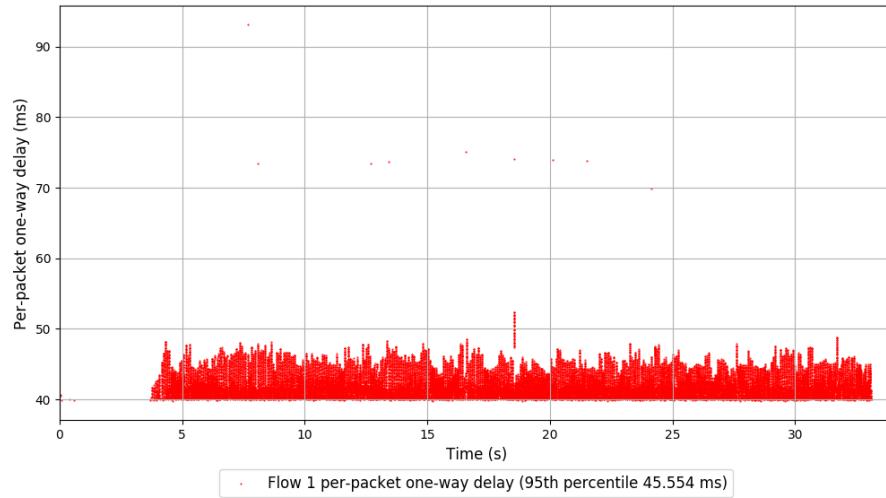
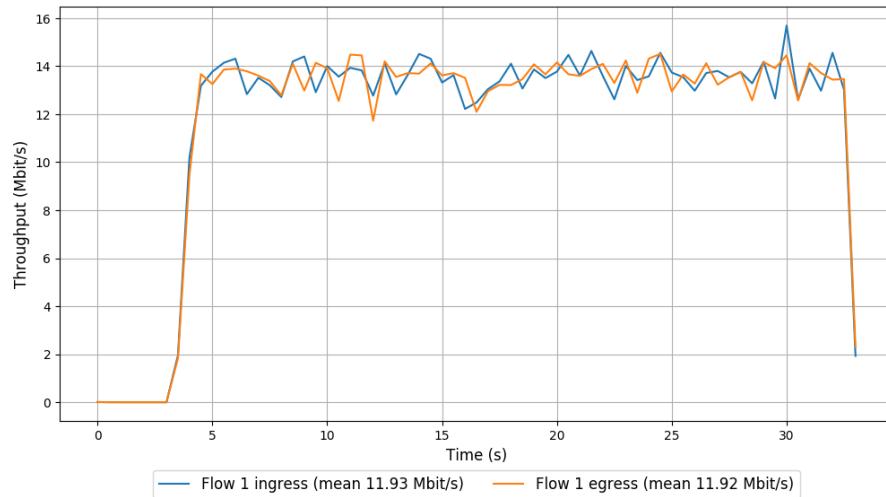


Run 8: Statistics of Sprout

```
Start at: Tue, 13 Jun 2017 20:35:25 +0000
End at: Tue, 13 Jun 2017 20:35:55 +0000
Local clock offset: 3.167 ms
Remote clock offset: 0.648 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:26:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.92 Mbit/s
95th percentile per-packet one-way delay: 45.554 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 11.92 Mbit/s
95th percentile per-packet one-way delay: 45.554 ms
Loss rate: 0.12%
```

## Run 8: Report of Sprout — Data Link

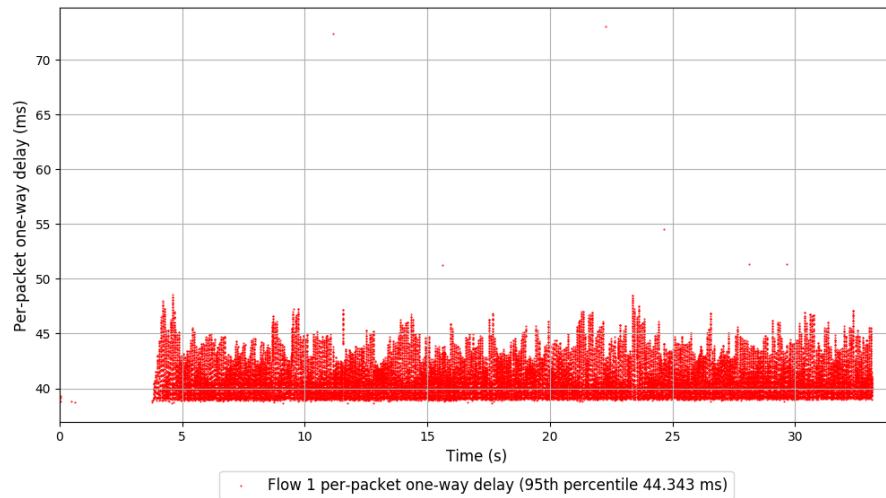
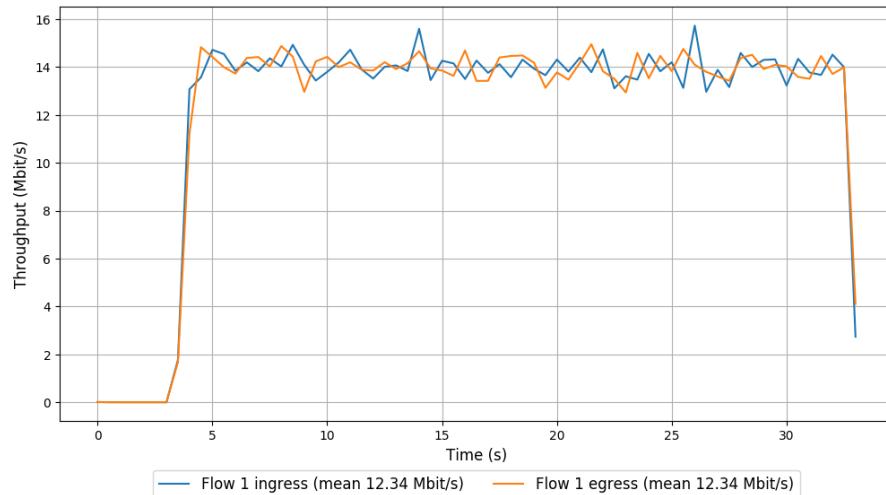


Run 9: Statistics of Sprout

```
Start at: Tue, 13 Jun 2017 20:53:52 +0000
End at: Tue, 13 Jun 2017 20:54:23 +0000
Local clock offset: -1.529 ms
Remote clock offset: 1.556 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:26:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.34 Mbit/s
95th percentile per-packet one-way delay: 44.343 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.34 Mbit/s
95th percentile per-packet one-way delay: 44.343 ms
Loss rate: 0.00%
```

## Run 9: Report of Sprout — Data Link

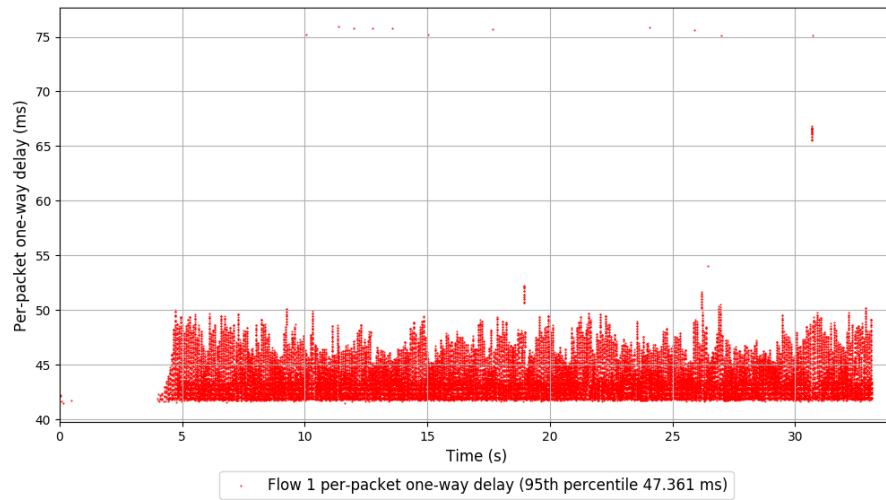
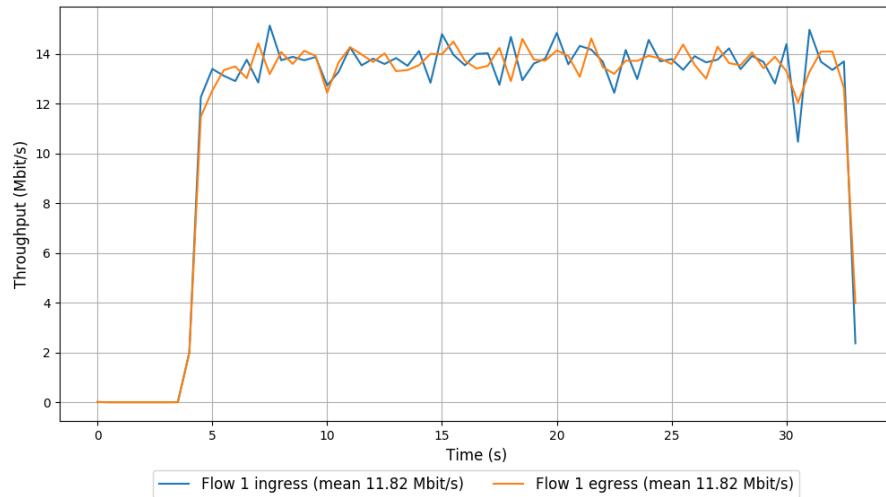


Run 10: Statistics of Sprout

```
Start at: Tue, 13 Jun 2017 21:12:42 +0000
End at: Tue, 13 Jun 2017 21:13:12 +0000
Local clock offset: 1.979 ms
Remote clock offset: 0.202 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:26:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.82 Mbit/s
95th percentile per-packet one-way delay: 47.361 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.82 Mbit/s
95th percentile per-packet one-way delay: 47.361 ms
Loss rate: 0.00%
```

## Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: Tue, 13 Jun 2017 18:32:46 +0000

End at: Tue, 13 Jun 2017 18:33:16 +0000

Local clock offset: 6.543 ms

Remote clock offset: 1.723 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:26:45 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 3.01 Mbit/s

95th percentile per-packet one-way delay: 45.601 ms

Loss rate: 0.00%

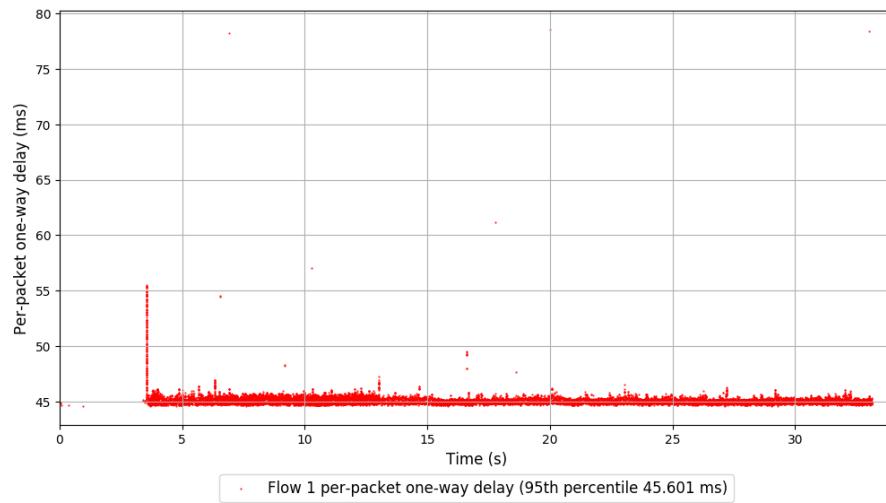
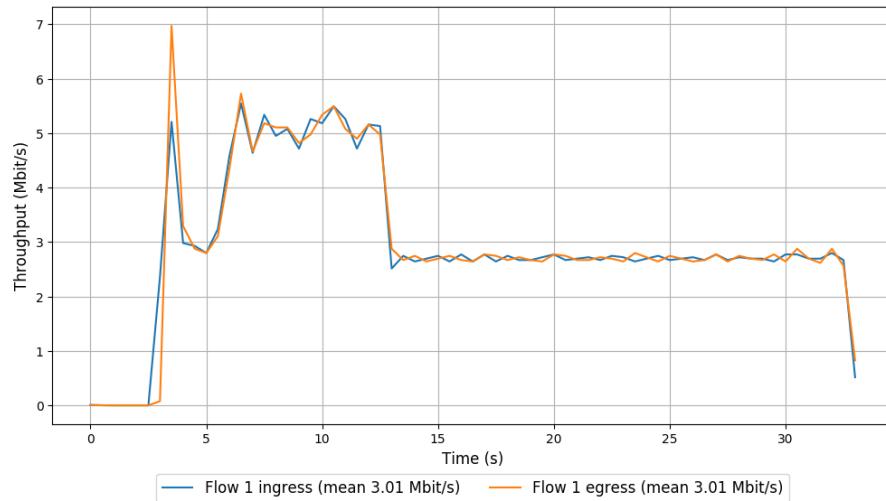
-- Flow 1:

Average throughput: 3.01 Mbit/s

95th percentile per-packet one-way delay: 45.601 ms

Loss rate: 0.00%

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

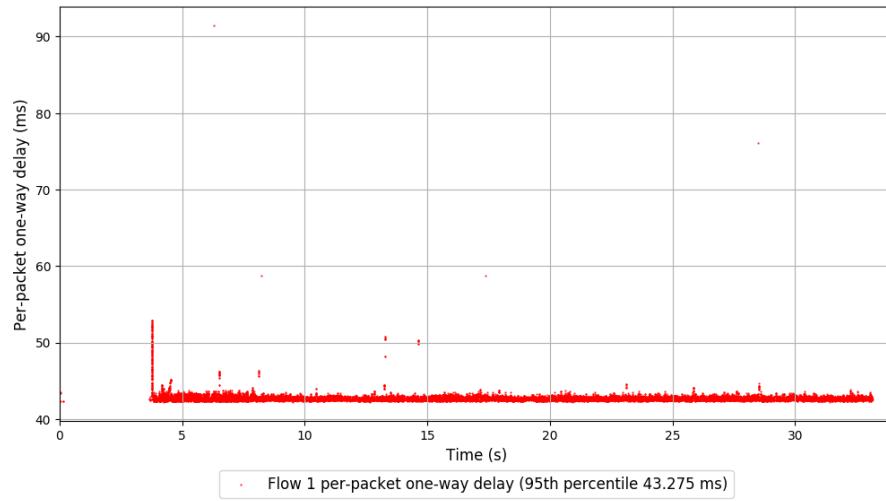
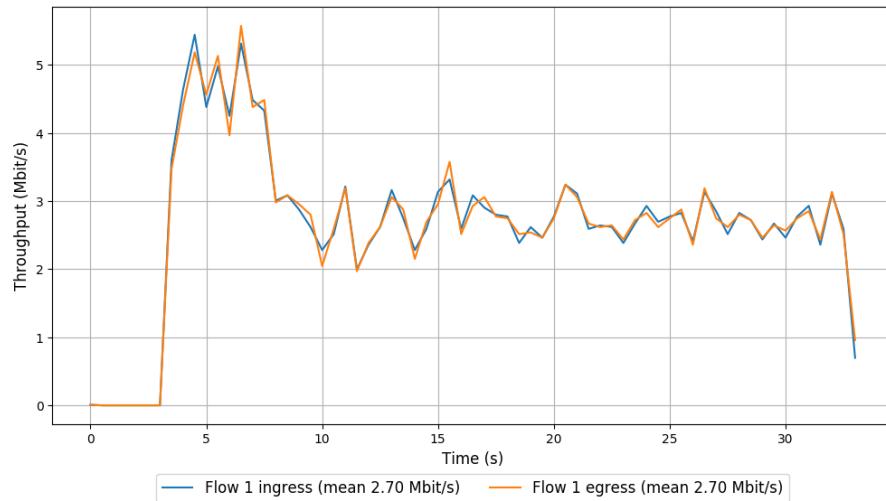


Run 2: Statistics of TaoVA-100x

```
Start at: Tue, 13 Jun 2017 18:51:38 +0000
End at: Tue, 13 Jun 2017 18:52:08 +0000
Local clock offset: 5.451 ms
Remote clock offset: 1.859 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:26:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.70 Mbit/s
95th percentile per-packet one-way delay: 43.275 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.70 Mbit/s
95th percentile per-packet one-way delay: 43.275 ms
Loss rate: 0.00%
```

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

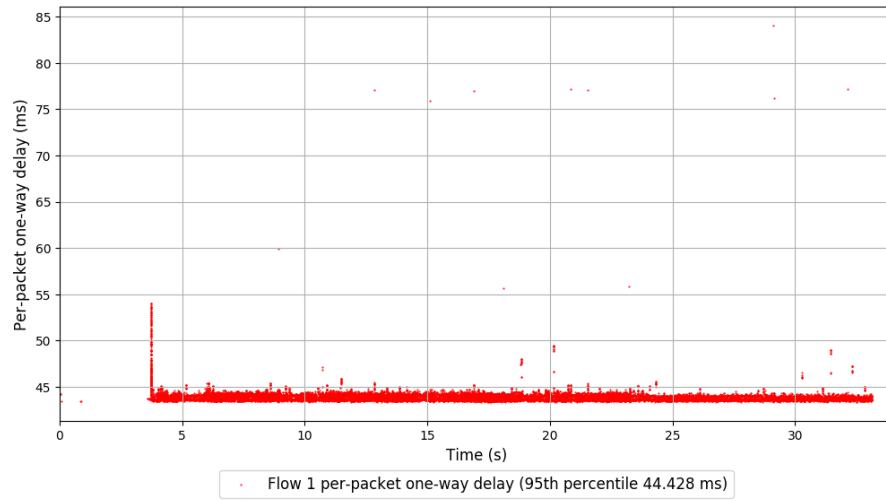
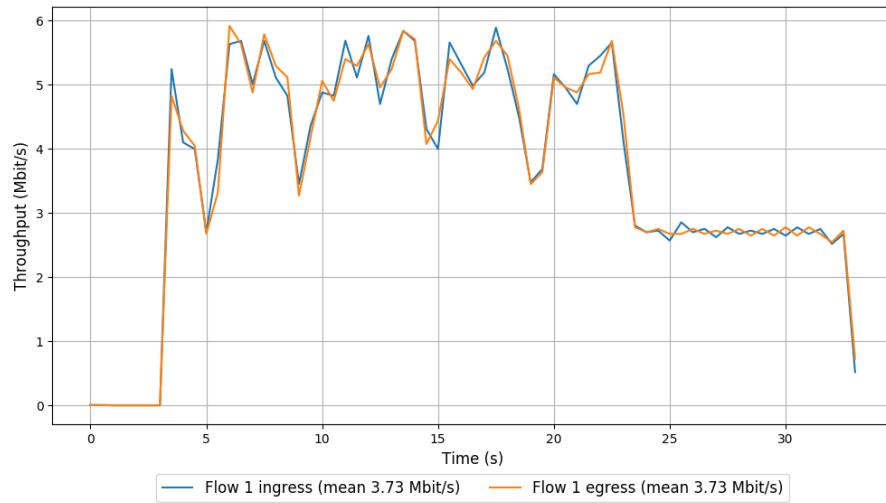


Run 3: Statistics of TaoVA-100x

```
Start at: Tue, 13 Jun 2017 19:09:59 +0000
End at: Tue, 13 Jun 2017 19:10:29 +0000
Local clock offset: 2.401 ms
Remote clock offset: -0.136 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:26:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.73 Mbit/s
95th percentile per-packet one-way delay: 44.428 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 3.73 Mbit/s
95th percentile per-packet one-way delay: 44.428 ms
Loss rate: 0.00%
```

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

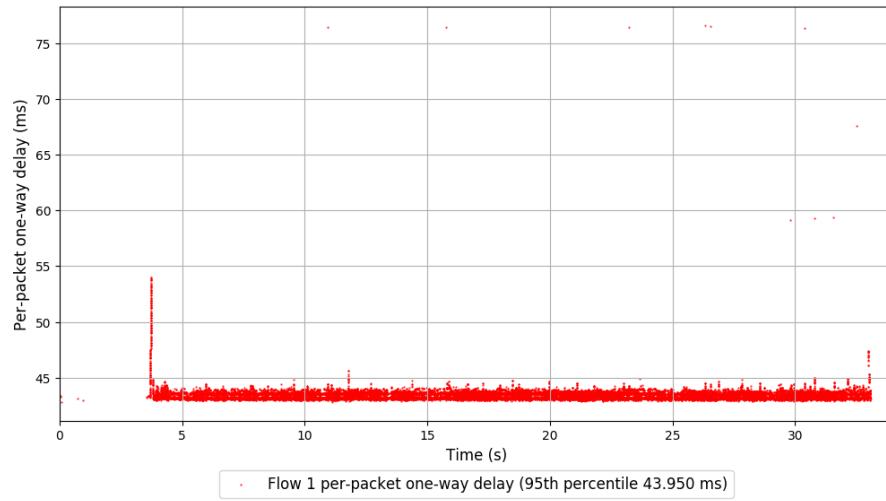
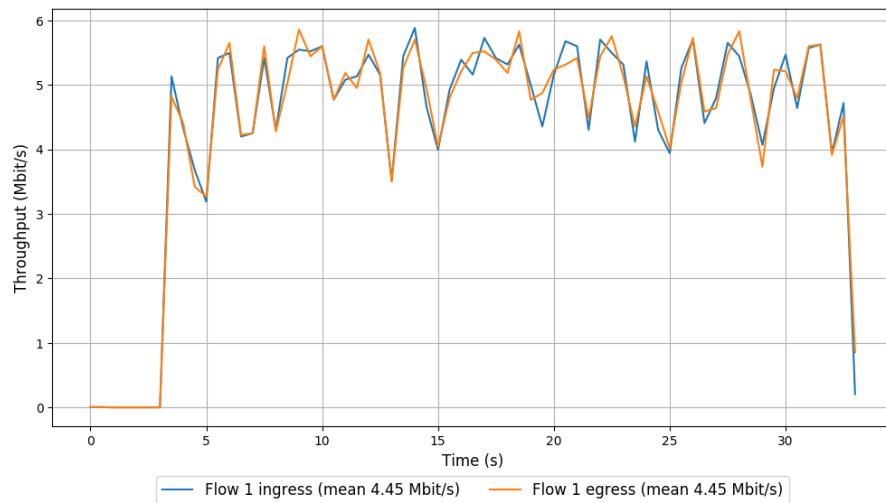


Run 4: Statistics of TaoVA-100x

```
Start at: Tue, 13 Jun 2017 19:28:30 +0000
End at: Tue, 13 Jun 2017 19:29:00 +0000
Local clock offset: 1.449 ms
Remote clock offset: -0.519 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:26:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.45 Mbit/s
95th percentile per-packet one-way delay: 43.950 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.45 Mbit/s
95th percentile per-packet one-way delay: 43.950 ms
Loss rate: 0.00%
```

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

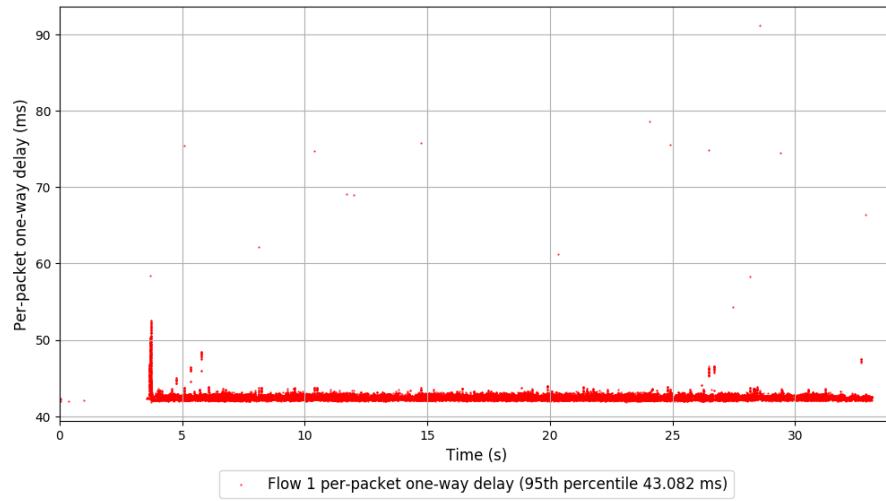
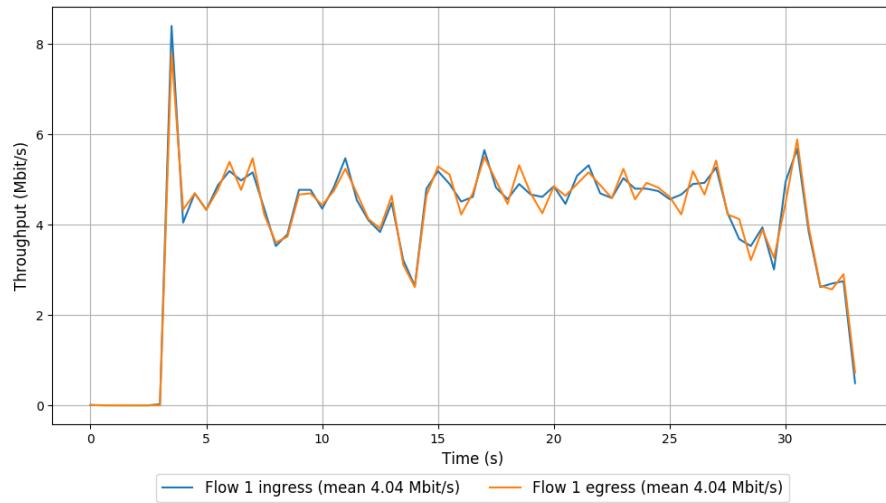


Run 5: Statistics of TaoVA-100x

```
Start at: Tue, 13 Jun 2017 19:46:57 +0000
End at: Tue, 13 Jun 2017 19:47:27 +0000
Local clock offset: -1.066 ms
Remote clock offset: -0.428 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:27:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.04 Mbit/s
95th percentile per-packet one-way delay: 43.082 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.04 Mbit/s
95th percentile per-packet one-way delay: 43.082 ms
Loss rate: 0.00%
```

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

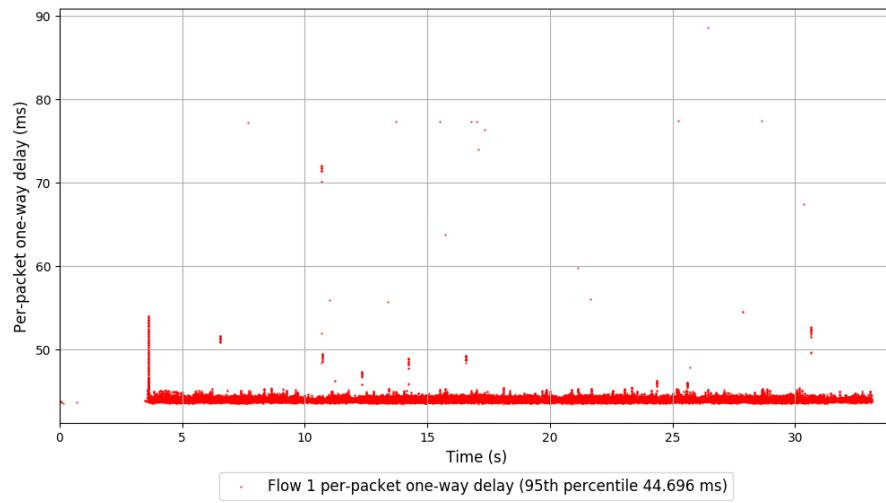
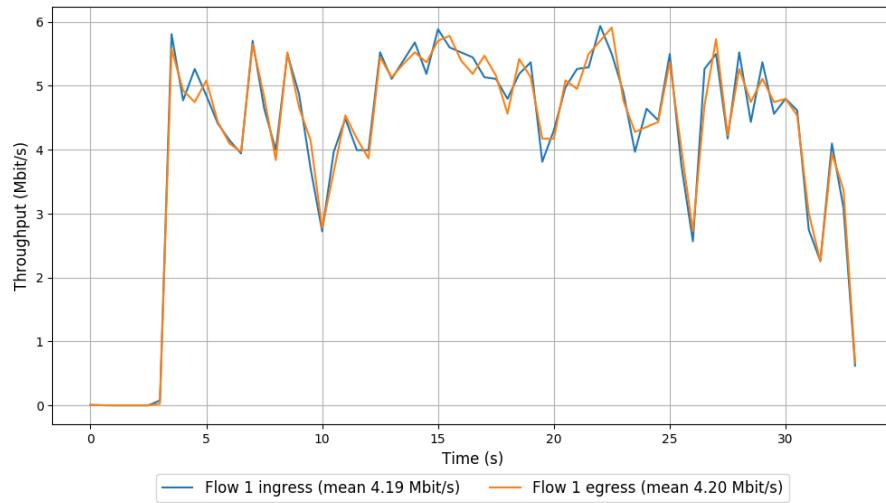


Run 6: Statistics of TaoVA-100x

```
Start at: Tue, 13 Jun 2017 20:05:32 +0000
End at: Tue, 13 Jun 2017 20:06:02 +0000
Local clock offset: 4.992 ms
Remote clock offset: -0.08 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:27:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.20 Mbit/s
95th percentile per-packet one-way delay: 44.696 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 4.20 Mbit/s
95th percentile per-packet one-way delay: 44.696 ms
Loss rate: 0.01%
```

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



Run 7: Statistics of TaoVA-100x

Start at: Tue, 13 Jun 2017 20:24:01 +0000

End at: Tue, 13 Jun 2017 20:24:31 +0000

Local clock offset: 4.832 ms

Remote clock offset: 0.023 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:27:24 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 4.25 Mbit/s

95th percentile per-packet one-way delay: 40.864 ms

Loss rate: 0.00%

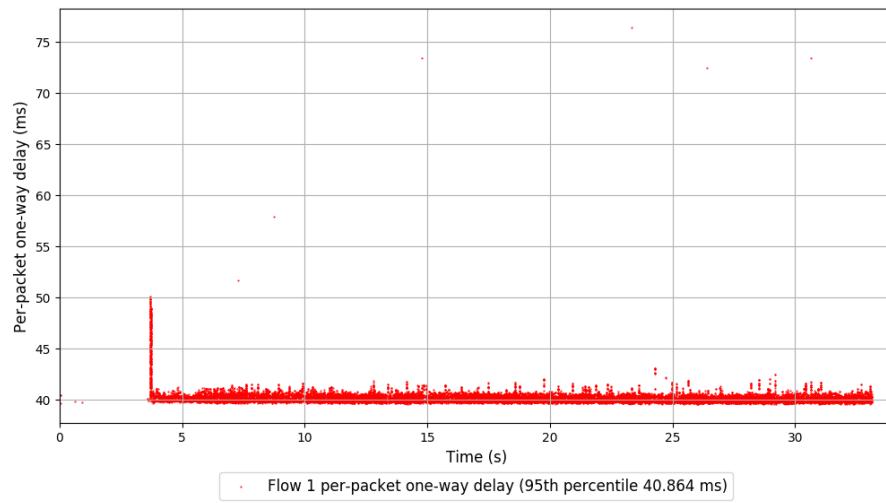
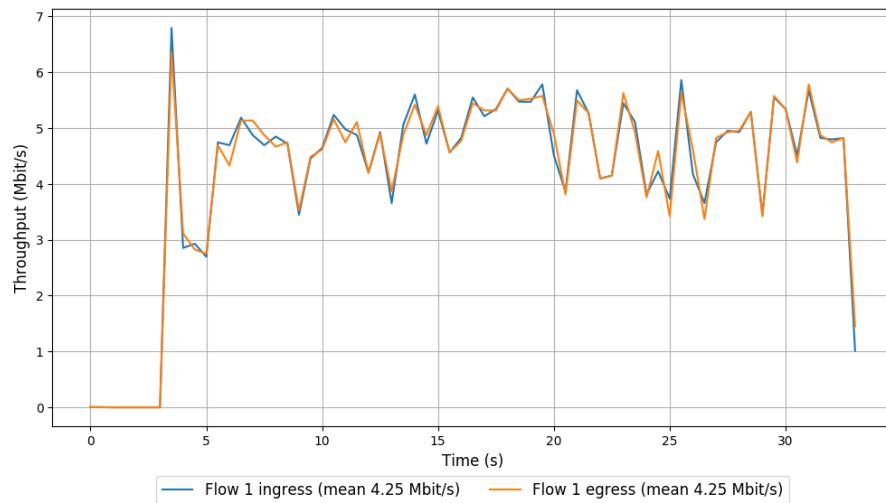
-- Flow 1:

Average throughput: 4.25 Mbit/s

95th percentile per-packet one-way delay: 40.864 ms

Loss rate: 0.00%

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

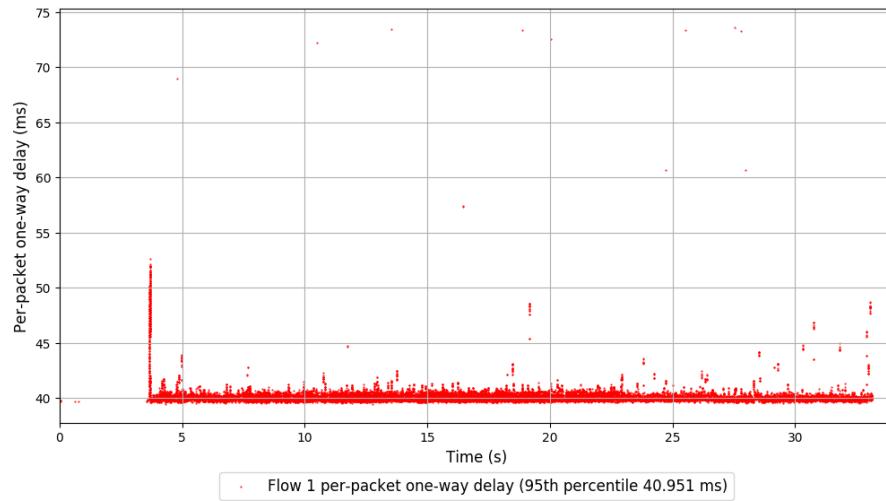
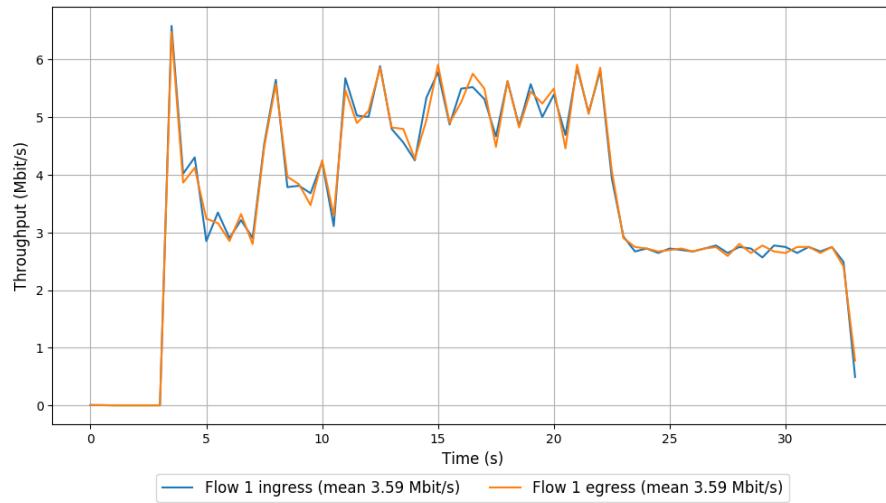


Run 8: Statistics of TaoVA-100x

```
Start at: Tue, 13 Jun 2017 20:42:26 +0000
End at: Tue, 13 Jun 2017 20:42:56 +0000
Local clock offset: -8.432 ms
Remote clock offset: 0.825 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:27:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.59 Mbit/s
95th percentile per-packet one-way delay: 40.951 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 3.59 Mbit/s
95th percentile per-packet one-way delay: 40.951 ms
Loss rate: 0.00%
```

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

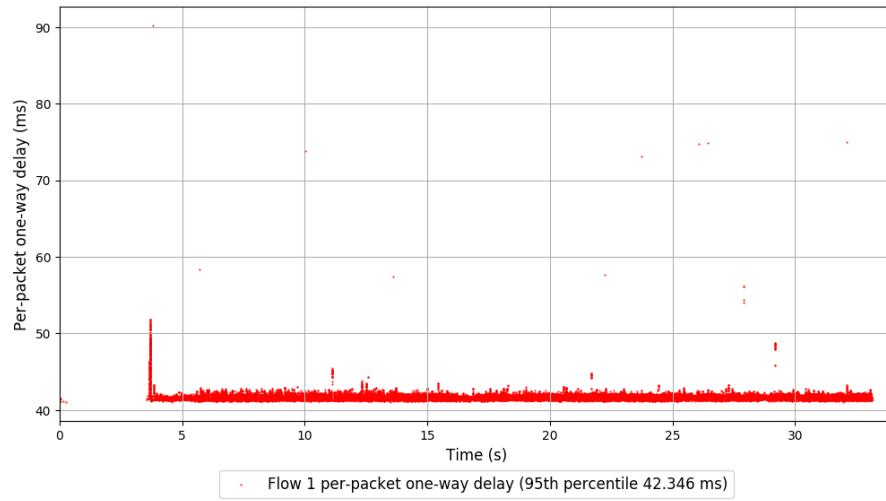
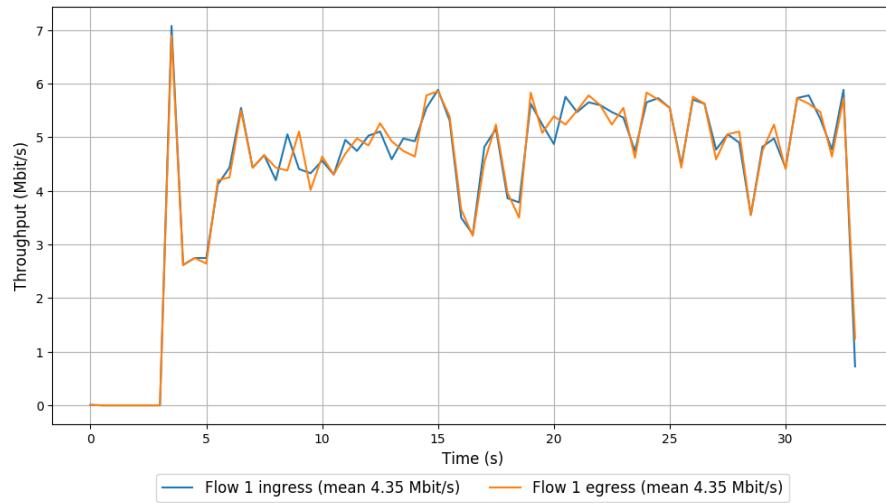


Run 9: Statistics of TaoVA-100x

```
Start at: Tue, 13 Jun 2017 21:01:06 +0000
End at: Tue, 13 Jun 2017 21:01:36 +0000
Local clock offset: 2.377 ms
Remote clock offset: 1.097 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:27:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.35 Mbit/s
95th percentile per-packet one-way delay: 42.346 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 4.35 Mbit/s
95th percentile per-packet one-way delay: 42.346 ms
Loss rate: 0.02%
```

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

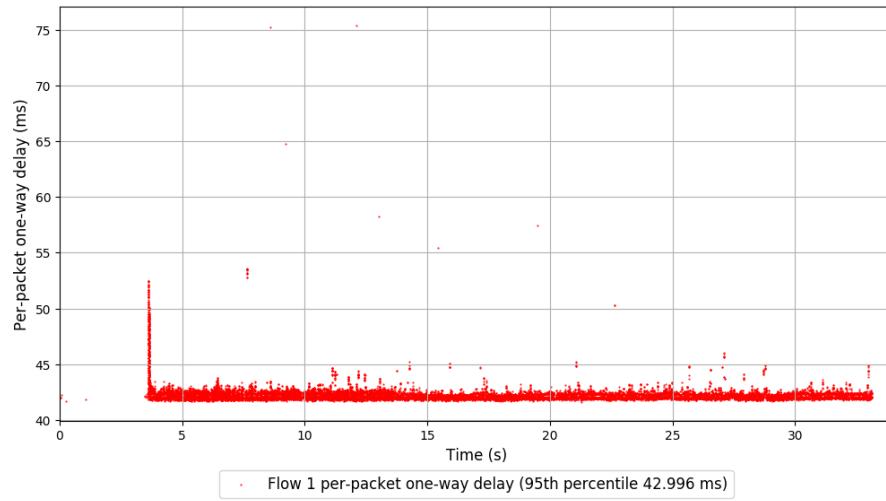
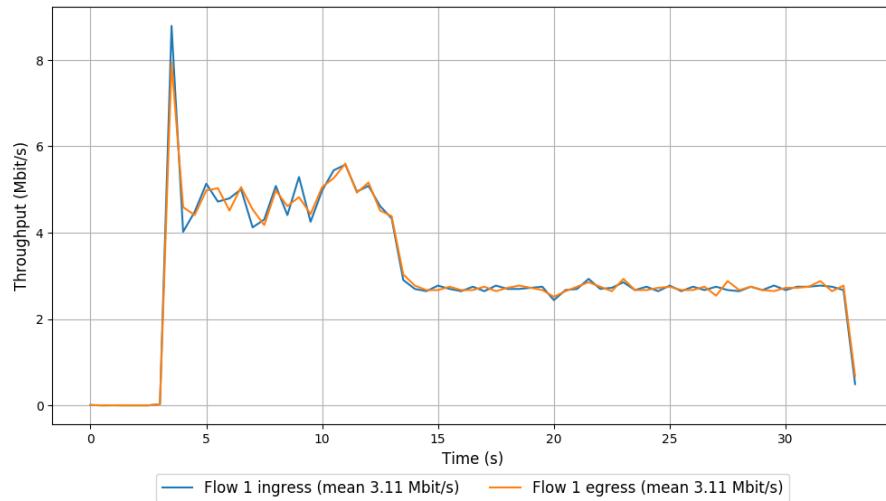


Run 10: Statistics of TaoVA-100x

```
Start at: Tue, 13 Jun 2017 21:19:40 +0000
End at: Tue, 13 Jun 2017 21:20:10 +0000
Local clock offset: 4.641 ms
Remote clock offset: 0.547 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:27:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.11 Mbit/s
95th percentile per-packet one-way delay: 42.996 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 3.11 Mbit/s
95th percentile per-packet one-way delay: 42.996 ms
Loss rate: 0.00%
```

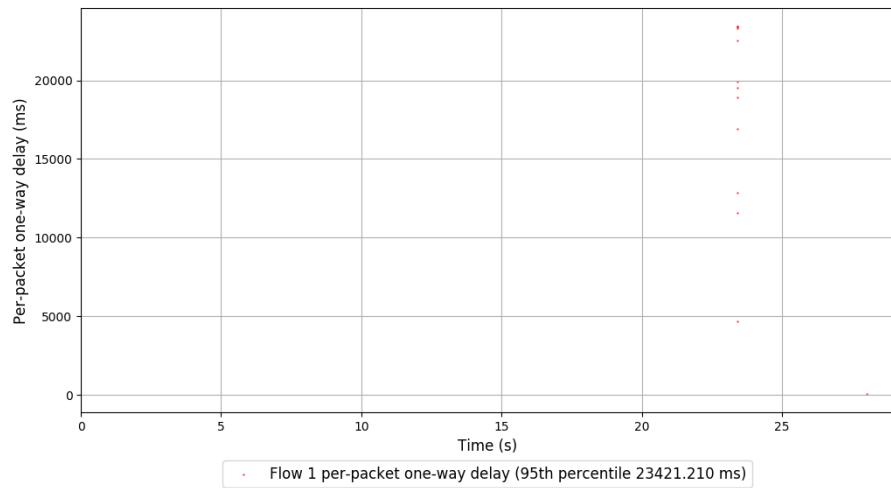
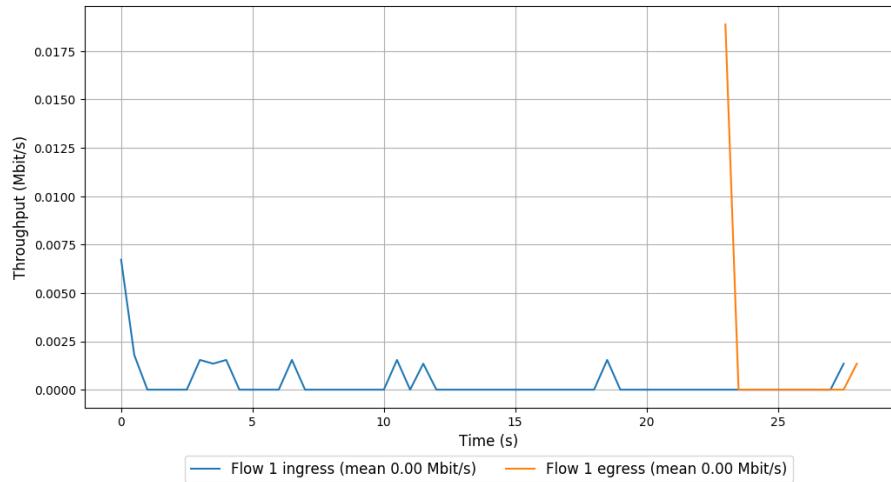
Run 10: Report of TaoVA-100x — Data Link



Run 1: Statistics of TCP Vegas

Start at: Tue, 13 Jun 2017 18:31:39 +0000  
End at: Tue, 13 Jun 2017 18:32:09 +0000  
Local clock offset: 8.799 ms  
Remote clock offset: 0.593 ms

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

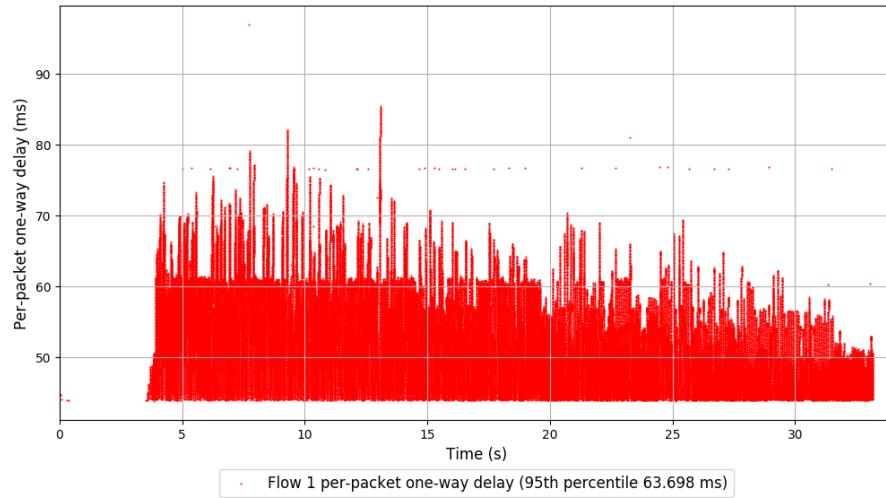
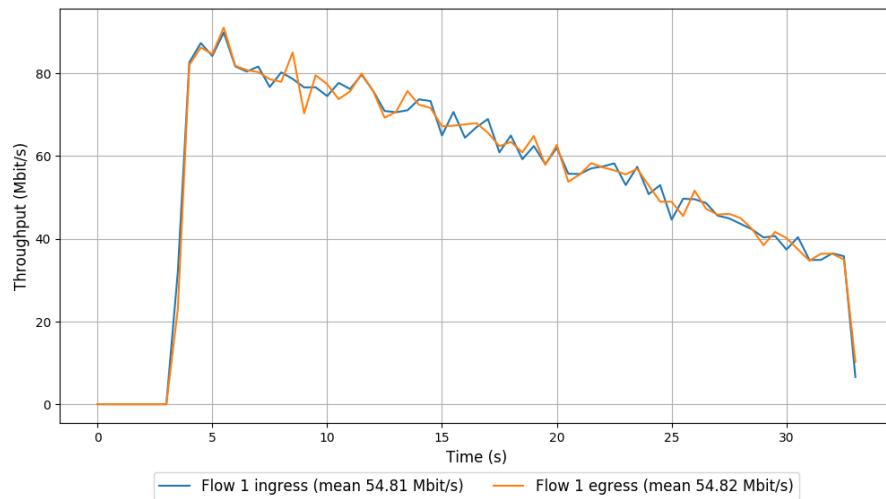


Run 2: Statistics of TCP Vegas

```
Start at: Tue, 13 Jun 2017 18:50:07 +0000
End at: Tue, 13 Jun 2017 18:50:37 +0000
Local clock offset: 5.294 ms
Remote clock offset: 0.596 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:28:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 54.82 Mbit/s
95th percentile per-packet one-way delay: 63.698 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 54.82 Mbit/s
95th percentile per-packet one-way delay: 63.698 ms
Loss rate: 0.00%
```

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

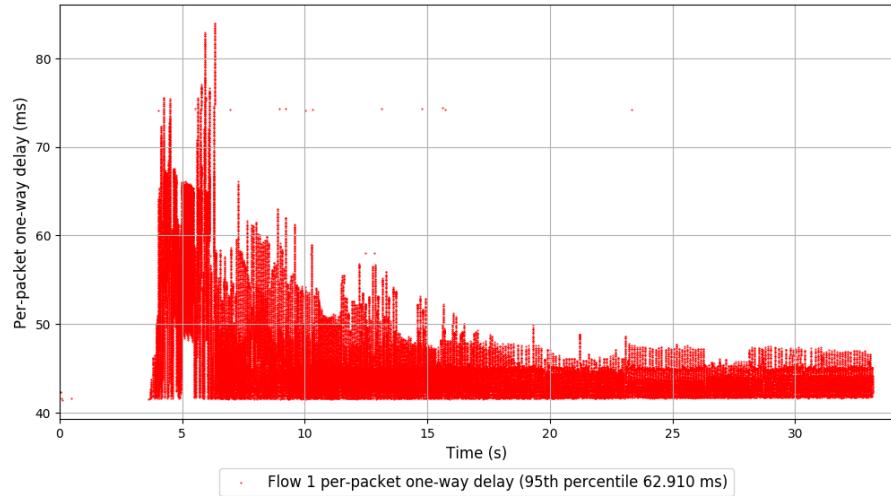
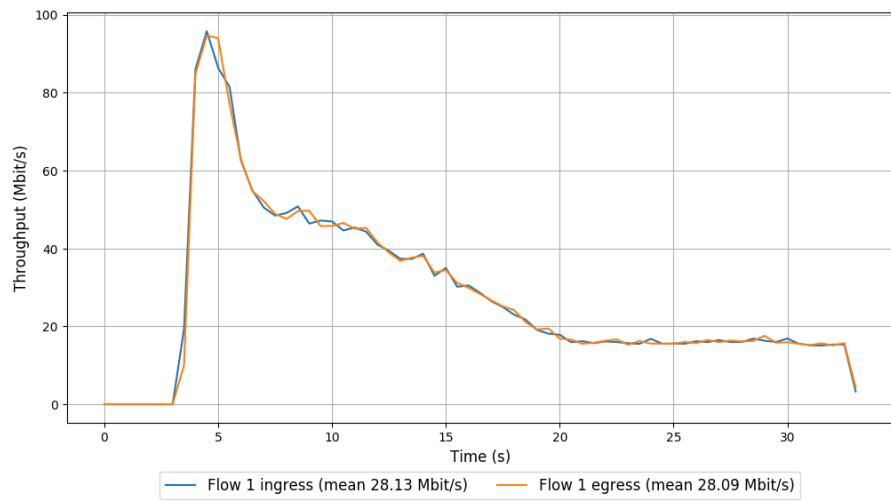


Run 3: Statistics of TCP Vegas

```
Start at: Tue, 13 Jun 2017 19:08:41 +0000
End at: Tue, 13 Jun 2017 19:09:11 +0000
Local clock offset: 1.12 ms
Remote clock offset: 0.535 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:28:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 28.09 Mbit/s
95th percentile per-packet one-way delay: 62.910 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 28.09 Mbit/s
95th percentile per-packet one-way delay: 62.910 ms
Loss rate: 0.15%
```

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

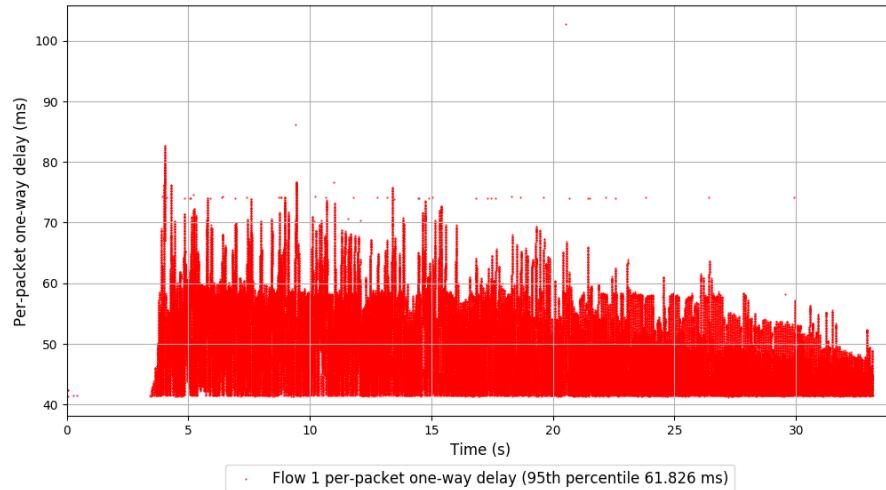
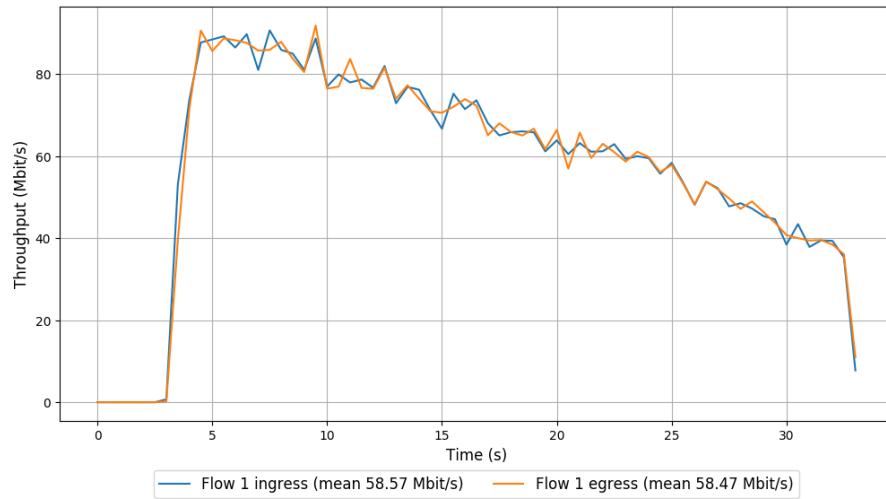


Run 4: Statistics of TCP Vegas

```
Start at: Tue, 13 Jun 2017 19:26:58 +0000
End at: Tue, 13 Jun 2017 19:27:28 +0000
Local clock offset: 3.639 ms
Remote clock offset: 0.601 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:28:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 58.47 Mbit/s
95th percentile per-packet one-way delay: 61.826 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 58.47 Mbit/s
95th percentile per-packet one-way delay: 61.826 ms
Loss rate: 0.17%
```

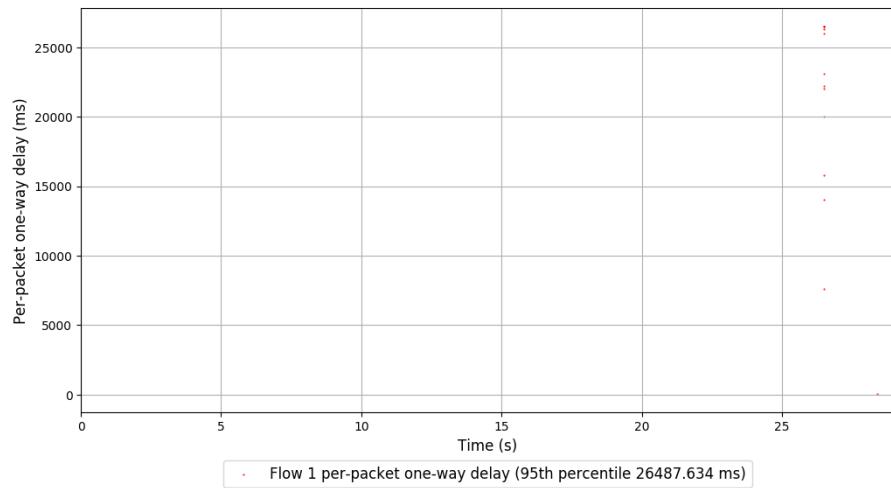
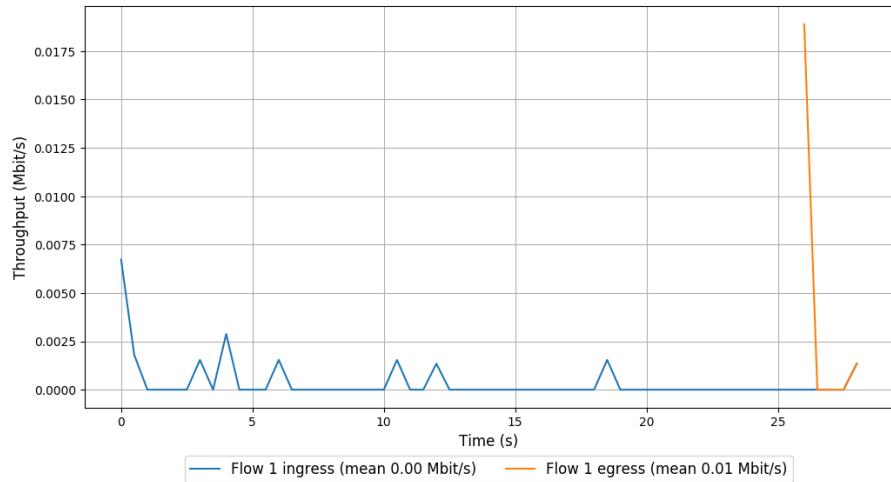
### Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: Tue, 13 Jun 2017 19:45:51 +0000  
End at: Tue, 13 Jun 2017 19:46:21 +0000  
Local clock offset: 1.435 ms  
Remote clock offset: -0.373 ms

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

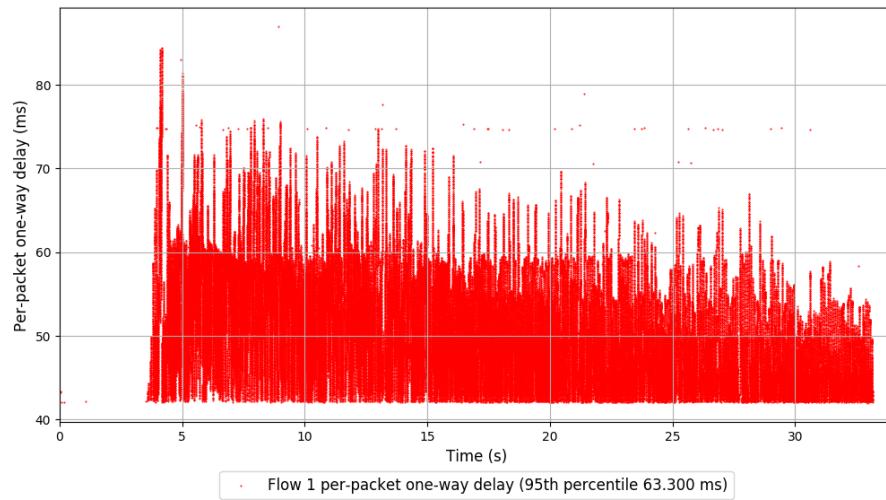
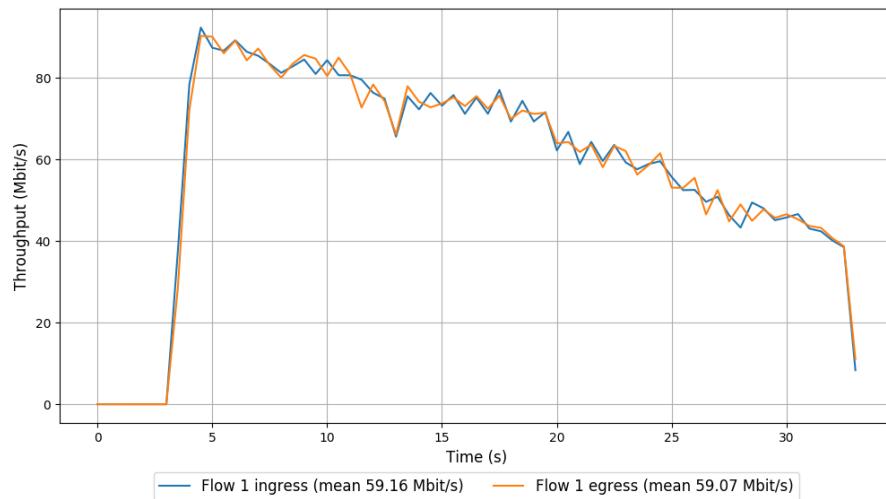


Run 6: Statistics of TCP Vegas

```
Start at: Tue, 13 Jun 2017 20:03:56 +0000
End at: Tue, 13 Jun 2017 20:04:27 +0000
Local clock offset: 1.785 ms
Remote clock offset: 0.409 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:29:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 59.07 Mbit/s
95th percentile per-packet one-way delay: 63.300 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 59.07 Mbit/s
95th percentile per-packet one-way delay: 63.300 ms
Loss rate: 0.16%
```

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



Run 7: Statistics of TCP Vegas

Start at: Tue, 13 Jun 2017 20:22:35 +0000

End at: Tue, 13 Jun 2017 20:23:05 +0000

Local clock offset: -0.002 ms

Remote clock offset: 0.187 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:29:16 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 49.67 Mbit/s

95th percentile per-packet one-way delay: 58.604 ms

Loss rate: 0.06%

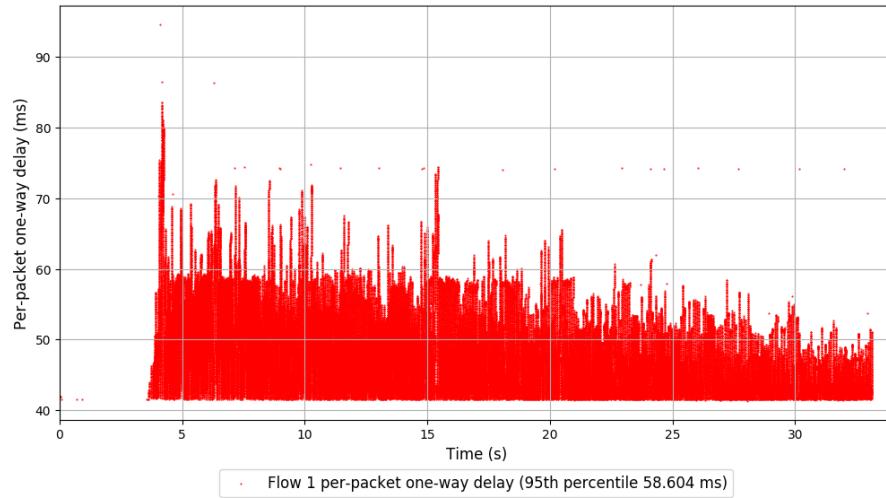
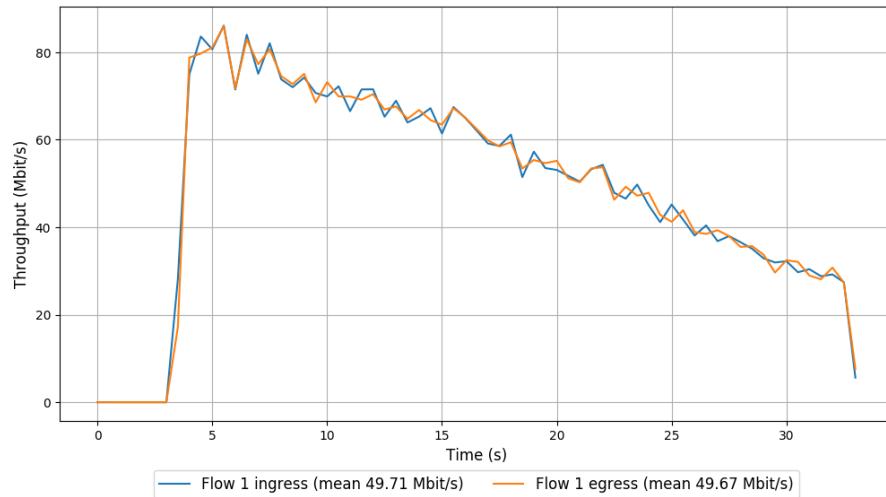
-- Flow 1:

Average throughput: 49.67 Mbit/s

95th percentile per-packet one-way delay: 58.604 ms

Loss rate: 0.06%

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

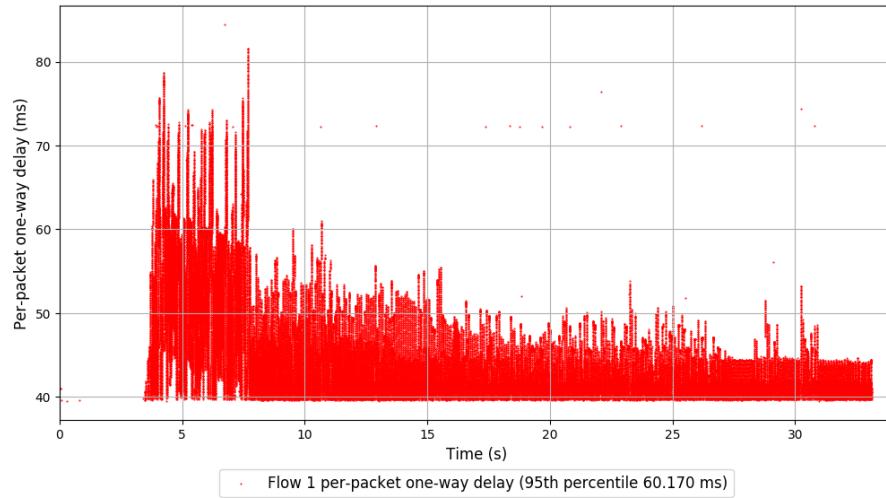
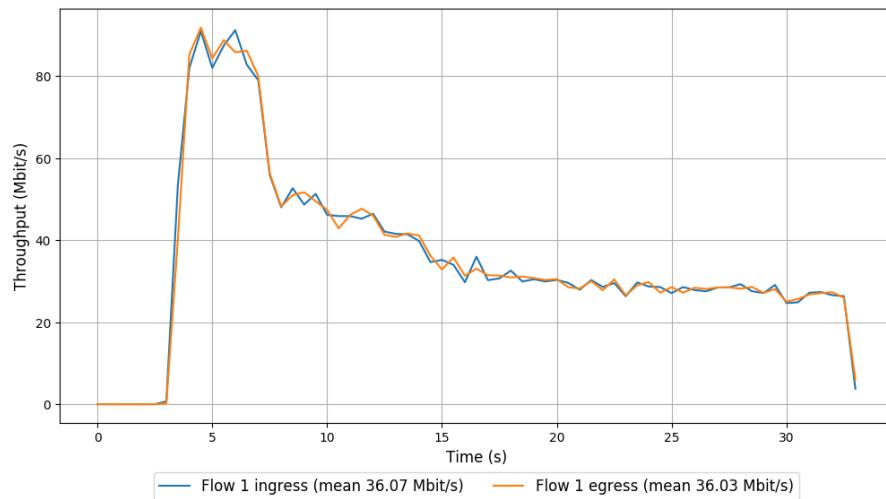


Run 8: Statistics of TCP Vegas

```
Start at: Tue, 13 Jun 2017 20:41:05 +0000
End at: Tue, 13 Jun 2017 20:41:35 +0000
Local clock offset: -2.732 ms
Remote clock offset: 0.003 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:29:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 36.03 Mbit/s
95th percentile per-packet one-way delay: 60.170 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 36.03 Mbit/s
95th percentile per-packet one-way delay: 60.170 ms
Loss rate: 0.11%
```

Run 8: Report of TCP Vegas — Data Link

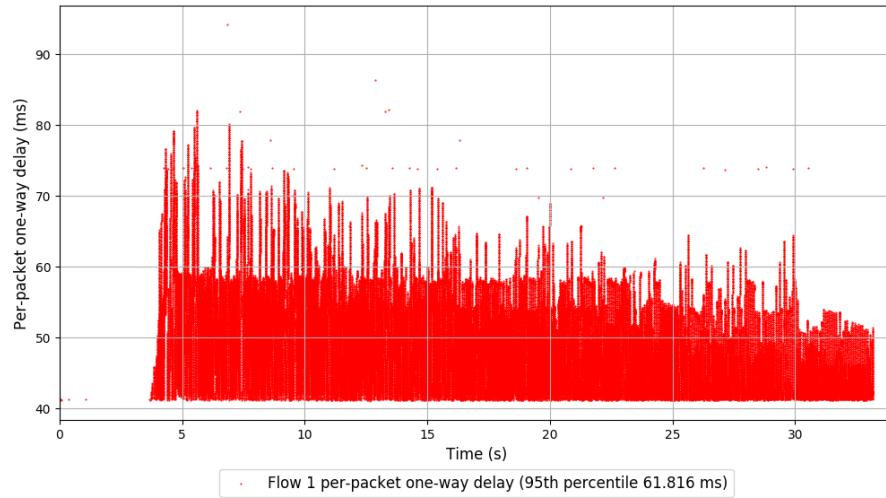
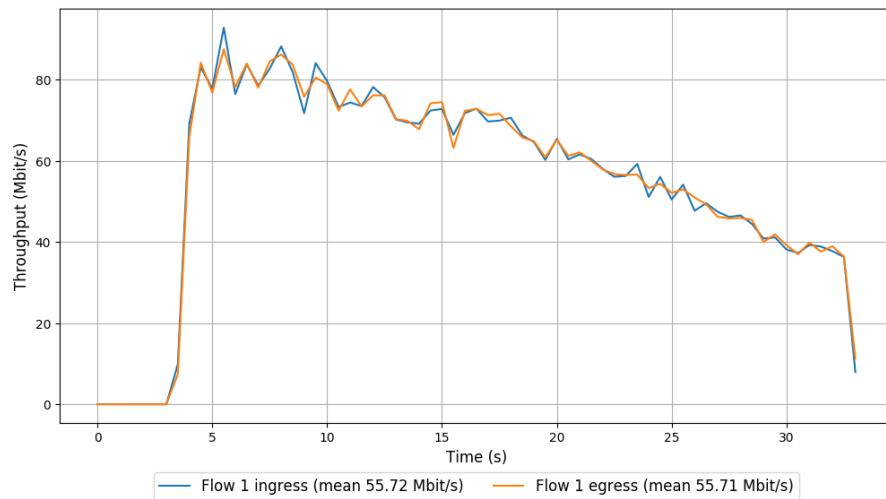


Run 9: Statistics of TCP Vegas

```
Start at: Tue, 13 Jun 2017 20:59:32 +0000
End at: Tue, 13 Jun 2017 21:00:02 +0000
Local clock offset: 2.888 ms
Remote clock offset: -0.755 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:29:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 55.71 Mbit/s
95th percentile per-packet one-way delay: 61.816 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 55.71 Mbit/s
95th percentile per-packet one-way delay: 61.816 ms
Loss rate: 0.00%
```

Run 9: Report of TCP Vegas — Data Link

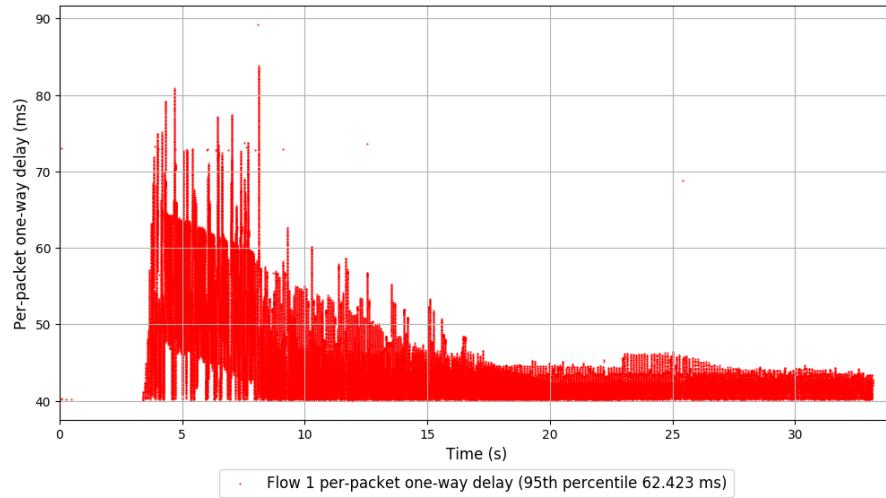
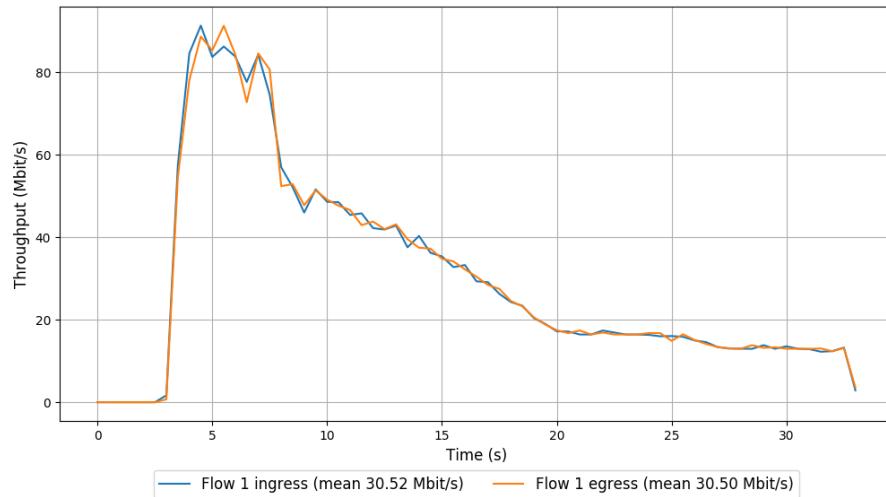


Run 10: Statistics of TCP Vegas

```
Start at: Tue, 13 Jun 2017 21:18:21 +0000
End at: Tue, 13 Jun 2017 21:18:51 +0000
Local clock offset: -4.864 ms
Remote clock offset: 0.366 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:30:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 30.50 Mbit/s
95th percentile per-packet one-way delay: 62.423 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 30.50 Mbit/s
95th percentile per-packet one-way delay: 62.423 ms
Loss rate: 0.17%
```

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

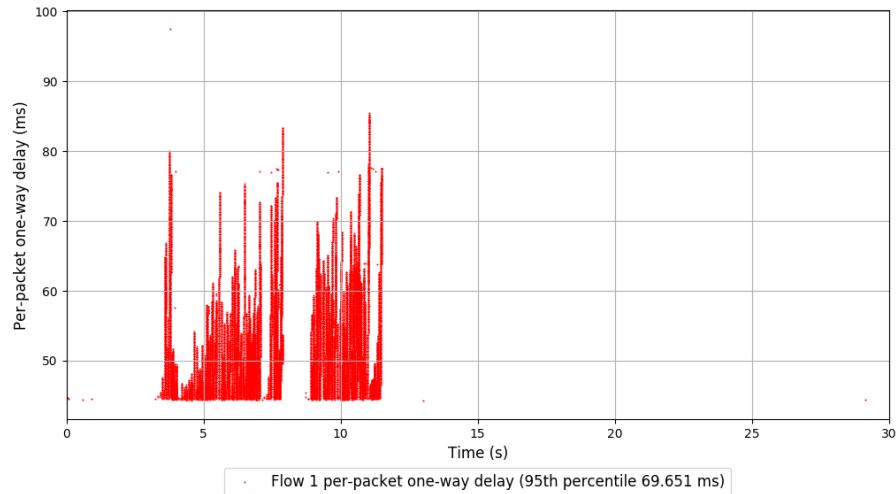
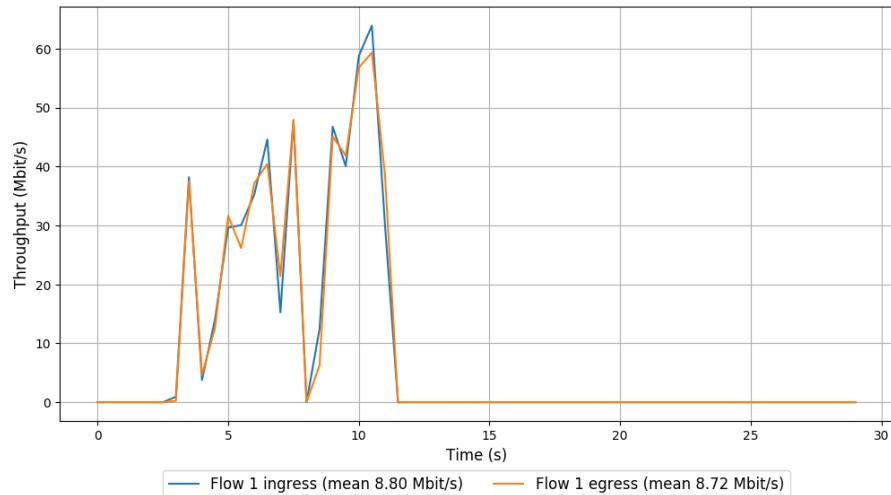


Run 1: Statistics of Verus

```
Start at: Tue, 13 Jun 2017 18:39:04 +0000
End at: Tue, 13 Jun 2017 18:39:34 +0000
Local clock offset: 5.528 ms
Remote clock offset: 1.253 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:30:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.72 Mbit/s
95th percentile per-packet one-way delay: 69.651 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 8.72 Mbit/s
95th percentile per-packet one-way delay: 69.651 ms
Loss rate: 0.81%
```

## Run 1: Report of Verus — Data Link

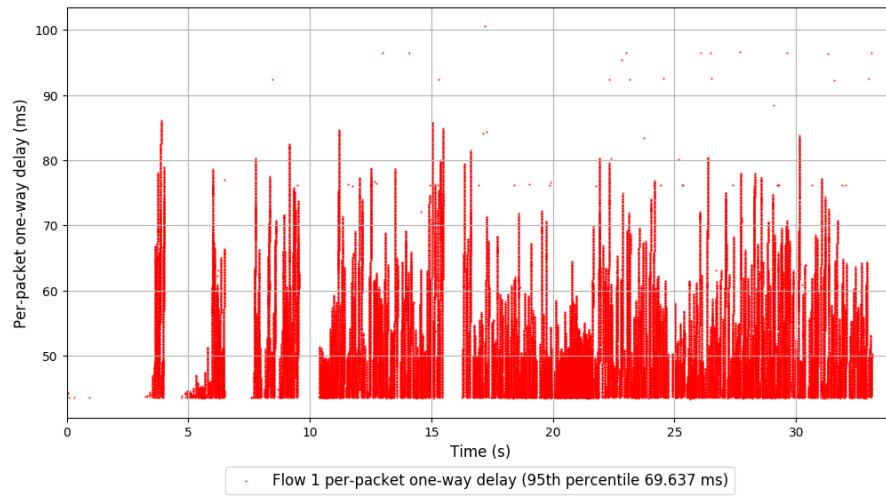
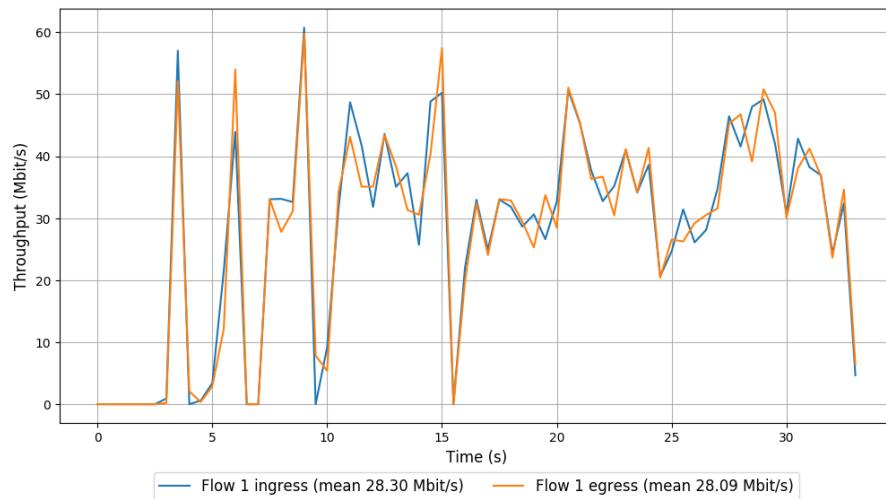


Run 2: Statistics of Verus

```
Start at: Tue, 13 Jun 2017 18:57:58 +0000
End at: Tue, 13 Jun 2017 18:58:28 +0000
Local clock offset: 5.038 ms
Remote clock offset: 1.841 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:30:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 28.09 Mbit/s
95th percentile per-packet one-way delay: 69.637 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 28.09 Mbit/s
95th percentile per-packet one-way delay: 69.637 ms
Loss rate: 0.77%
```

## Run 2: Report of Verus — Data Link

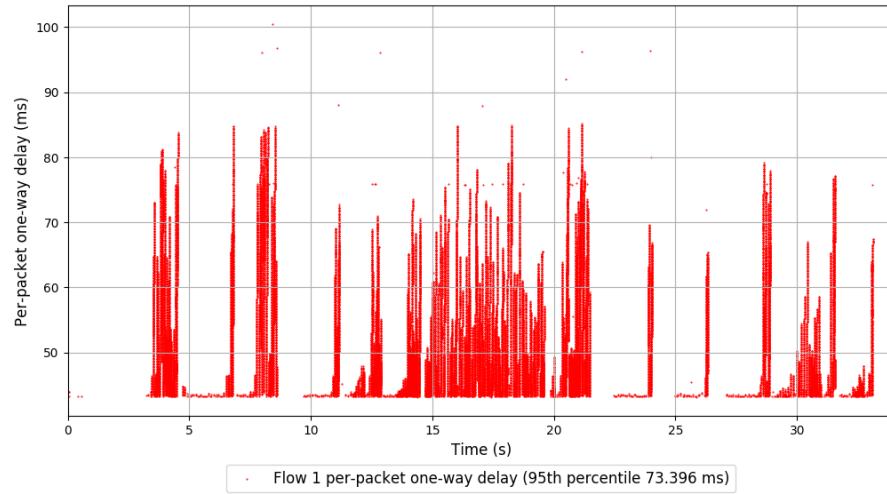
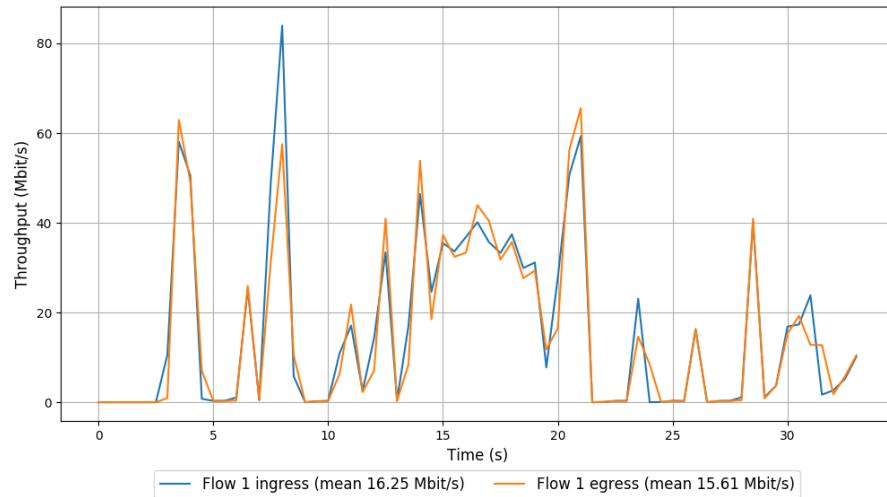


Run 3: Statistics of Verus

```
Start at: Tue, 13 Jun 2017 19:16:20 +0000
End at: Tue, 13 Jun 2017 19:16:50 +0000
Local clock offset: 3.424 ms
Remote clock offset: 0.915 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:30:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.61 Mbit/s
95th percentile per-packet one-way delay: 73.396 ms
Loss rate: 4.09%
-- Flow 1:
Average throughput: 15.61 Mbit/s
95th percentile per-packet one-way delay: 73.396 ms
Loss rate: 4.09%
```

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

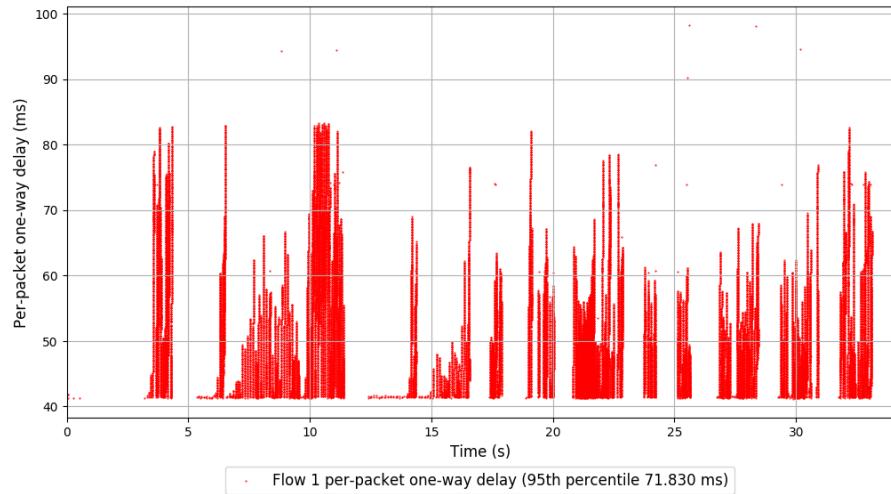
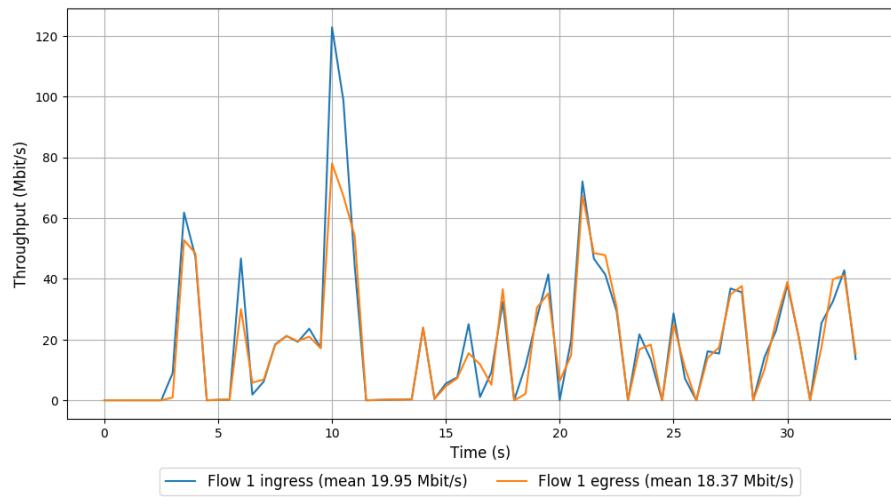


Run 4: Statistics of Verus

```
Start at: Tue, 13 Jun 2017 19:34:48 +0000
End at: Tue, 13 Jun 2017 19:35:18 +0000
Local clock offset: 5.088 ms
Remote clock offset: 0.243 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:30:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.37 Mbit/s
95th percentile per-packet one-way delay: 71.830 ms
Loss rate: 7.83%
-- Flow 1:
Average throughput: 18.37 Mbit/s
95th percentile per-packet one-way delay: 71.830 ms
Loss rate: 7.83%
```

## Run 4: Report of Verus — Data Link

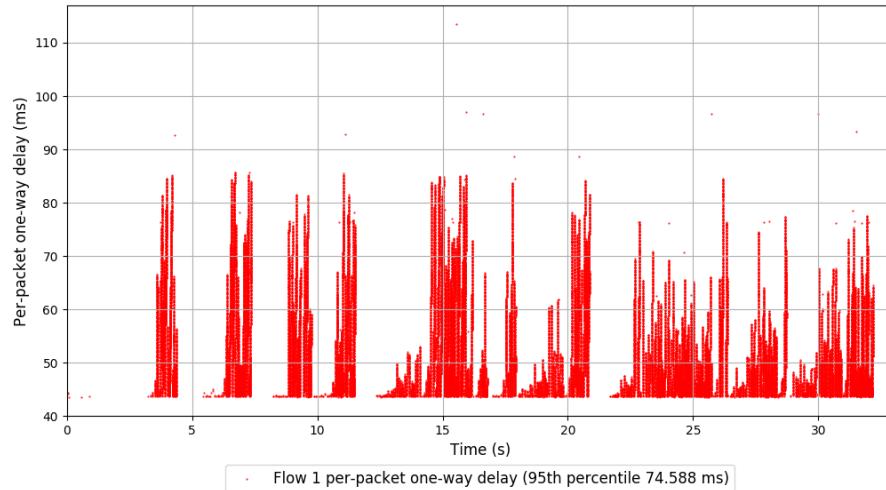
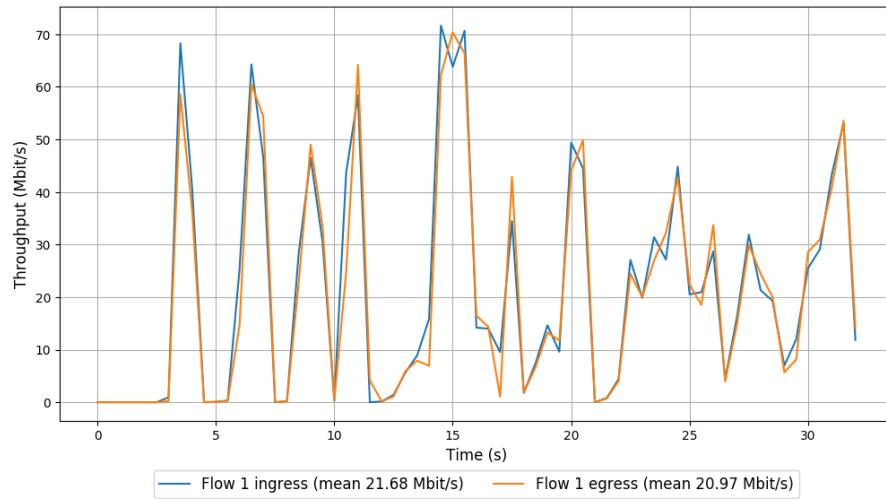


Run 5: Statistics of Verus

```
Start at: Tue, 13 Jun 2017 19:53:15 +0000
End at: Tue, 13 Jun 2017 19:53:45 +0000
Local clock offset: -0.539 ms
Remote clock offset: 0.514 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:30:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 20.97 Mbit/s
95th percentile per-packet one-way delay: 74.588 ms
Loss rate: 3.21%
-- Flow 1:
Average throughput: 20.97 Mbit/s
95th percentile per-packet one-way delay: 74.588 ms
Loss rate: 3.21%
```

## Run 5: Report of Verus — Data Link

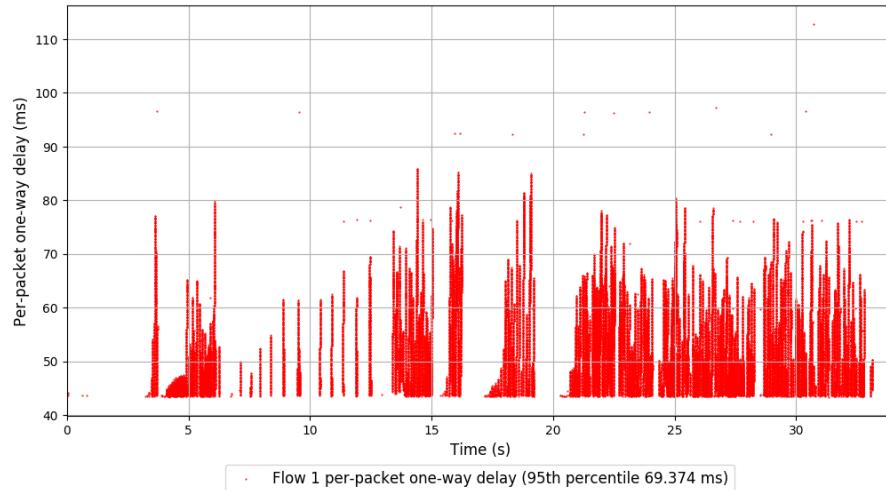
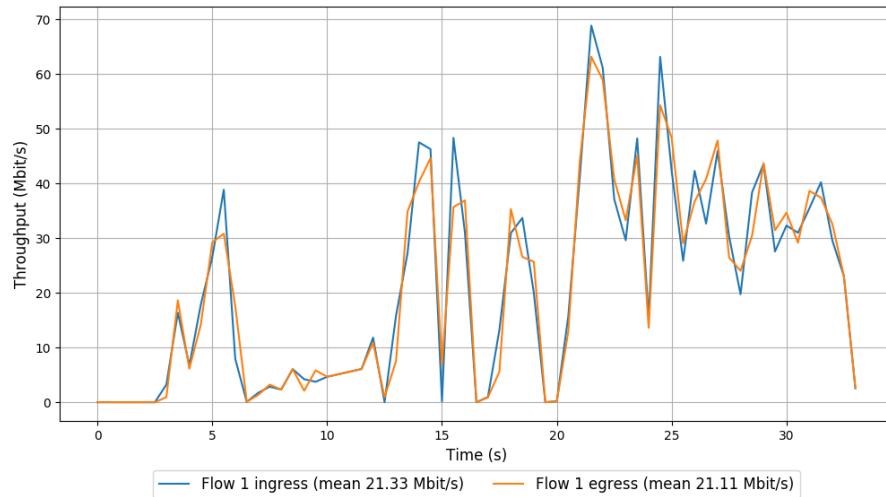


Run 6: Statistics of Verus

```
Start at: Tue, 13 Jun 2017 20:11:53 +0000
End at: Tue, 13 Jun 2017 20:12:23 +0000
Local clock offset: 3.716 ms
Remote clock offset: 0.065 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:31:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 21.11 Mbit/s
95th percentile per-packet one-way delay: 69.374 ms
Loss rate: 1.02%
-- Flow 1:
Average throughput: 21.11 Mbit/s
95th percentile per-packet one-way delay: 69.374 ms
Loss rate: 1.02%
```

## Run 6: Report of Verus — Data Link

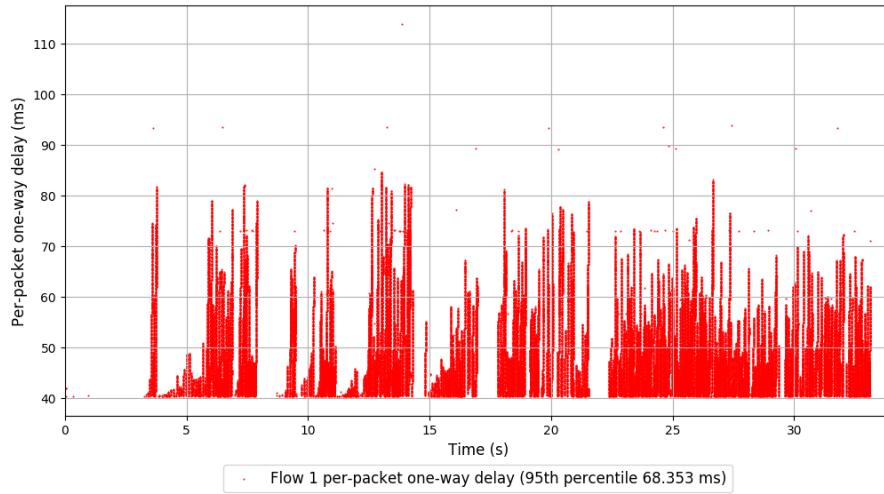
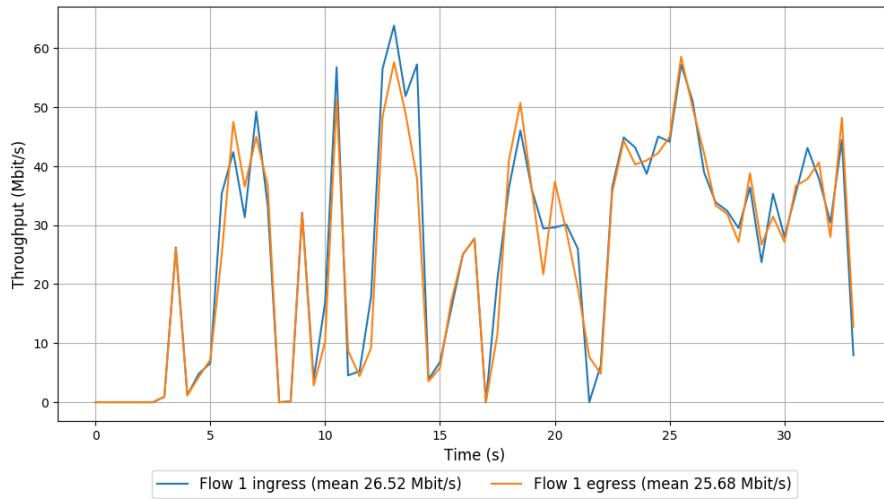


Run 7: Statistics of Verus

```
Start at: Tue, 13 Jun 2017 20:30:19 +0000
End at: Tue, 13 Jun 2017 20:30:50 +0000
Local clock offset: -1.418 ms
Remote clock offset: -0.417 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:31:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 25.68 Mbit/s
95th percentile per-packet one-way delay: 68.353 ms
Loss rate: 3.19%
-- Flow 1:
Average throughput: 25.68 Mbit/s
95th percentile per-packet one-way delay: 68.353 ms
Loss rate: 3.19%
```

## Run 7: Report of Verus — Data Link

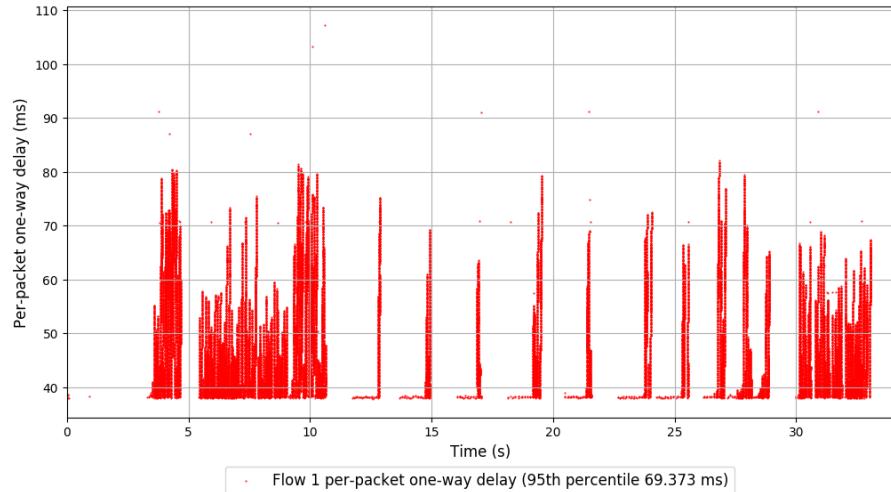
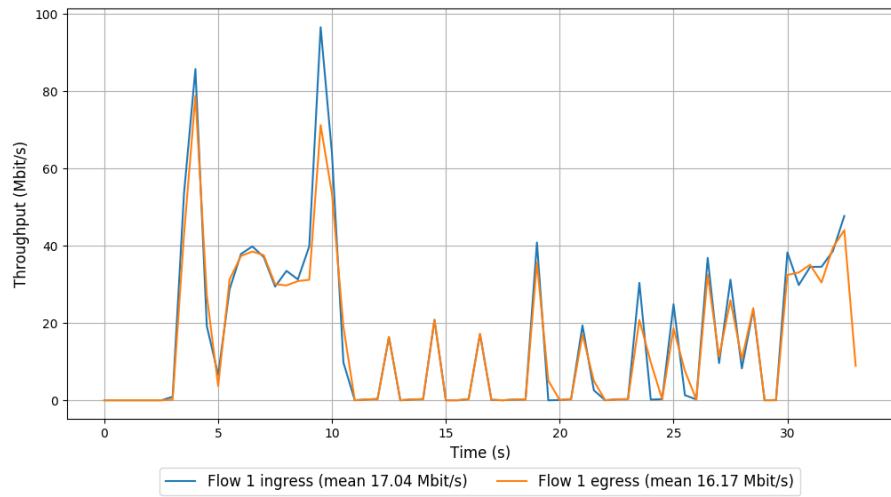


Run 8: Statistics of Verus

```
Start at: Tue, 13 Jun 2017 20:48:55 +0000
End at: Tue, 13 Jun 2017 20:49:25 +0000
Local clock offset: -0.515 ms
Remote clock offset: 0.58 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:31:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.17 Mbit/s
95th percentile per-packet one-way delay: 69.373 ms
Loss rate: 5.00%
-- Flow 1:
Average throughput: 16.17 Mbit/s
95th percentile per-packet one-way delay: 69.373 ms
Loss rate: 5.00%
```

## Run 8: Report of Verus — Data Link

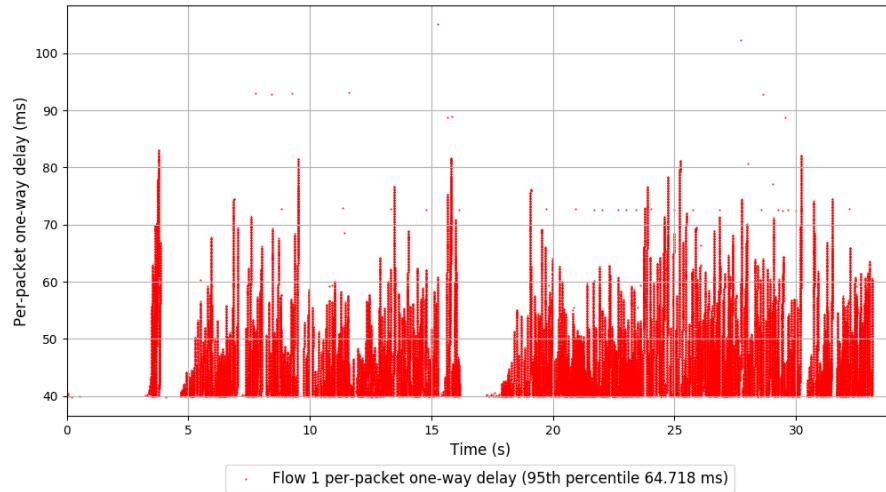
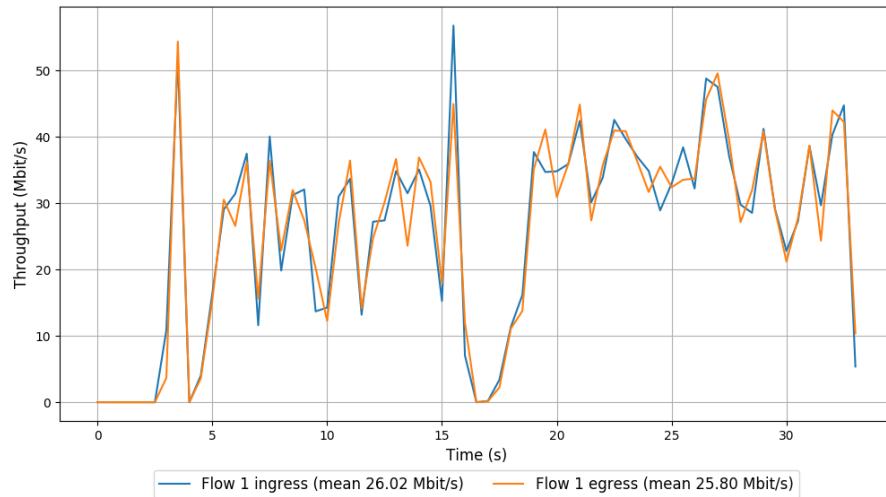


Run 9: Statistics of Verus

```
Start at: Tue, 13 Jun 2017 21:07:36 +0000
End at: Tue, 13 Jun 2017 21:08:06 +0000
Local clock offset: 0.399 ms
Remote clock offset: 0.41 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:31:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 25.80 Mbit/s
95th percentile per-packet one-way delay: 64.718 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 25.80 Mbit/s
95th percentile per-packet one-way delay: 64.718 ms
Loss rate: 0.84%
```

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

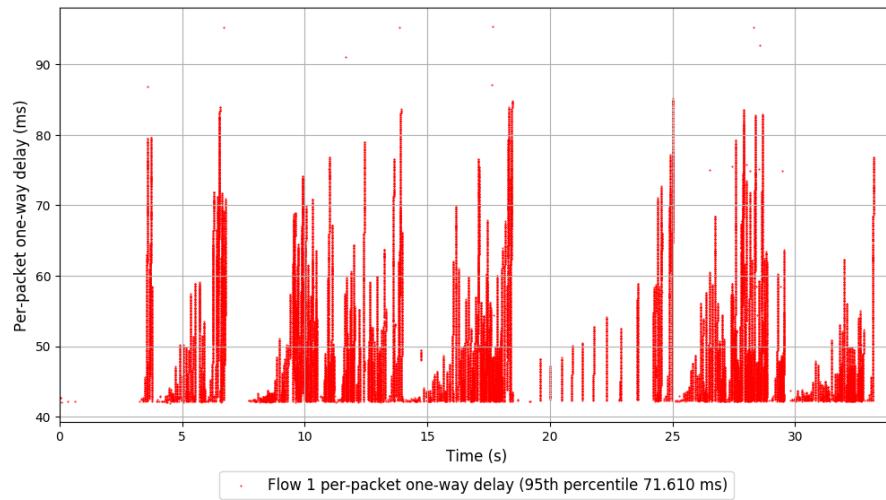
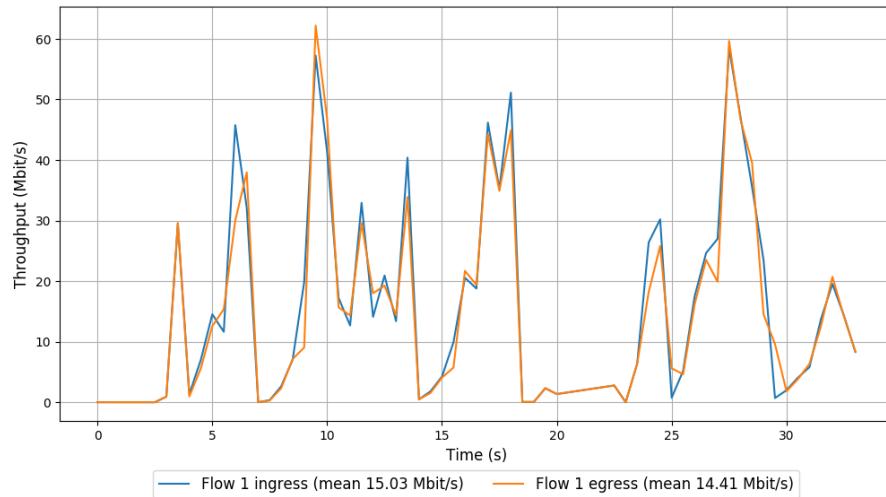


Run 10: Statistics of Verus

```
Start at: Tue, 13 Jun 2017 21:26:00 +0000
End at: Tue, 13 Jun 2017 21:26:30 +0000
Local clock offset: 0.048 ms
Remote clock offset: 0.115 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:31:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.41 Mbit/s
95th percentile per-packet one-way delay: 71.610 ms
Loss rate: 4.17%
-- Flow 1:
Average throughput: 14.41 Mbit/s
95th percentile per-packet one-way delay: 71.610 ms
Loss rate: 4.17%
```

## Run 10: Report of Verus — Data Link

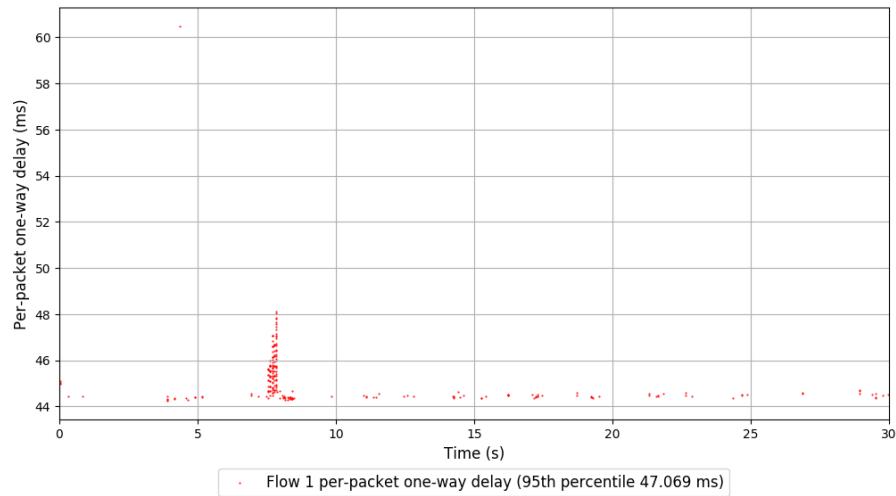
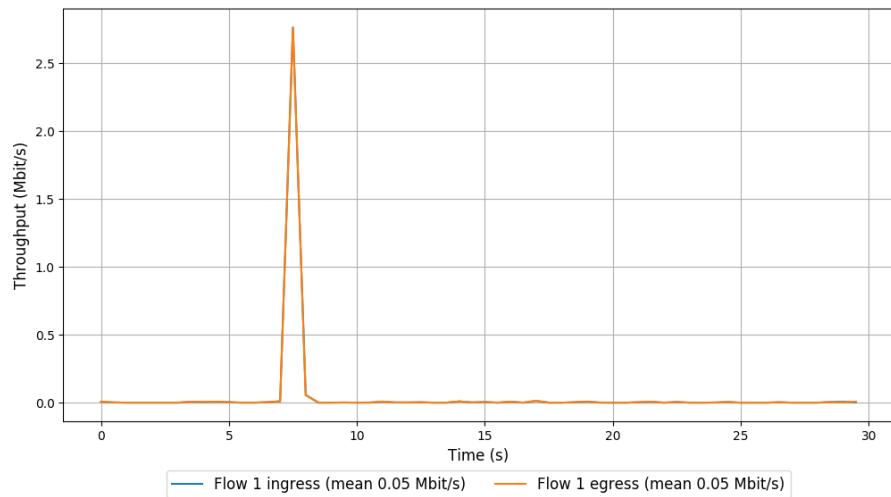


```
Run 1: Statistics of WebRTC media

Start at: Tue, 13 Jun 2017 18:29:24 +0000
End at: Tue, 13 Jun 2017 18:29:54 +0000
Local clock offset: 2.179 ms
Remote clock offset: 1.776 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:31:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 47.069 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 47.069 ms
Loss rate: 0.00%
```

Run 1: Report of WebRTC media — Data Link

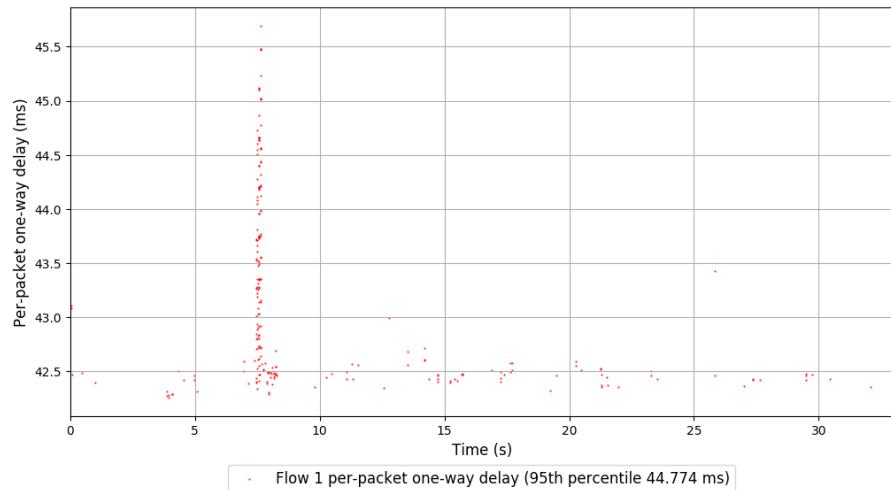
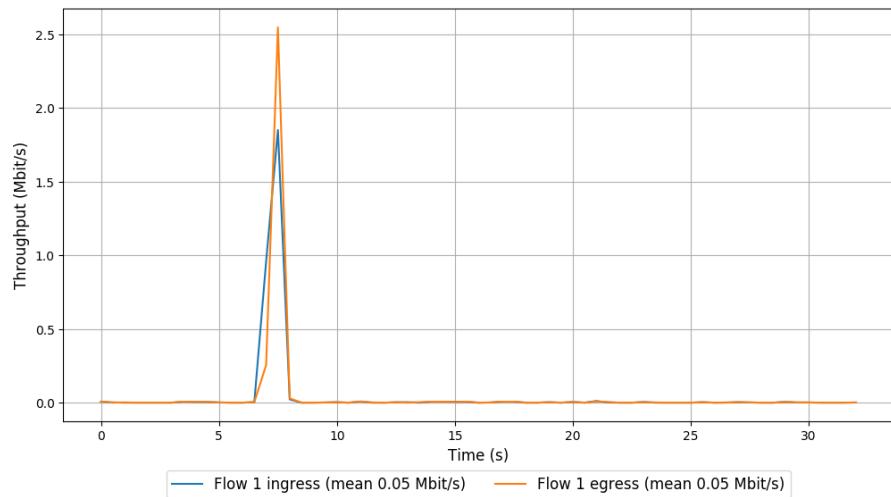


Run 2: Statistics of WebRTC media

```
Start at: Tue, 13 Jun 2017 18:47:52 +0000
End at: Tue, 13 Jun 2017 18:48:22 +0000
Local clock offset: 3.887 ms
Remote clock offset: 0.672 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:31:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 44.774 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 44.774 ms
Loss rate: 0.00%
```

## Run 2: Report of WebRTC media — Data Link

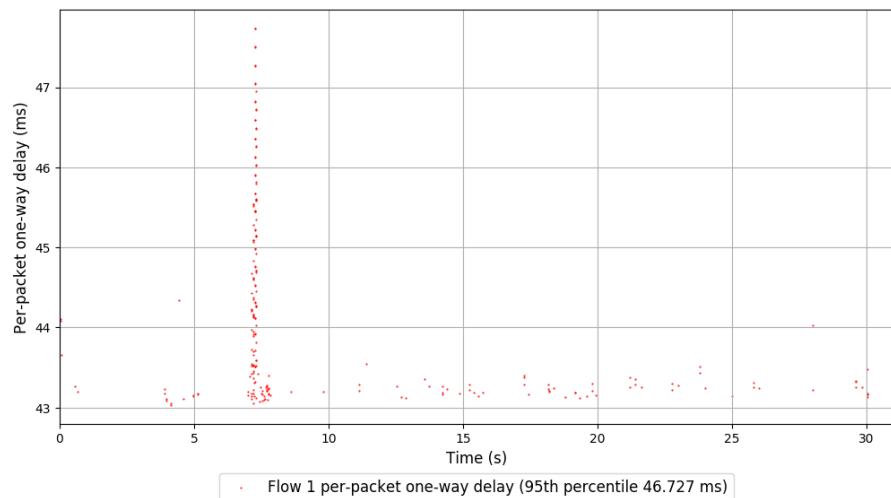
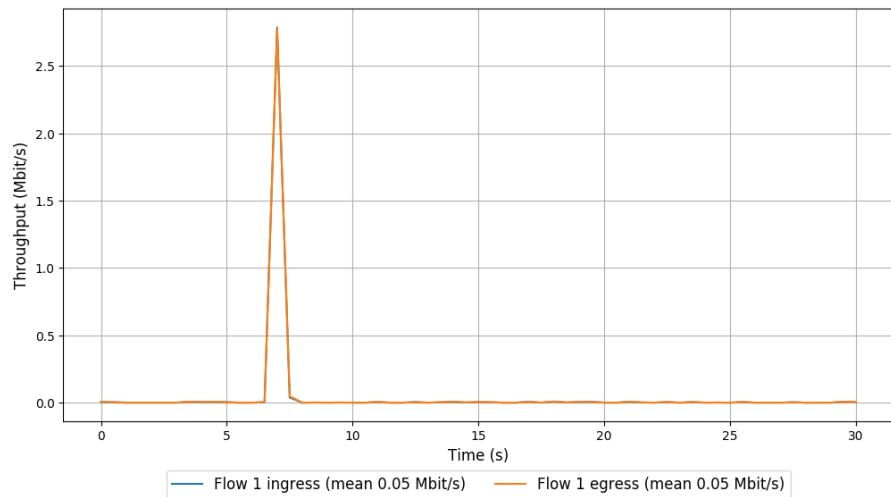


```
Run 3: Statistics of WebRTC media

Start at: Tue, 13 Jun 2017 19:06:26 +0000
End at: Tue, 13 Jun 2017 19:06:56 +0000
Local clock offset: -1.523 ms
Remote clock offset: 0.931 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:32:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 46.727 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 46.727 ms
Loss rate: 0.00%
```

Run 3: Report of WebRTC media — Data Link

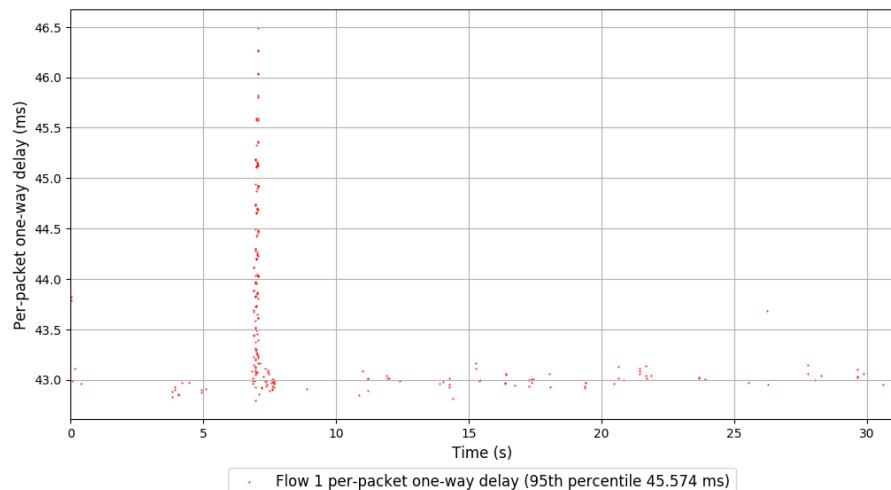
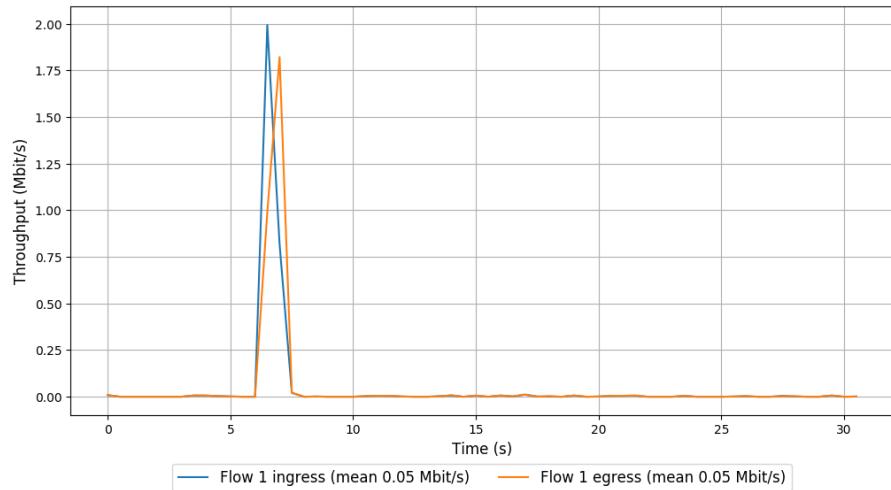


Run 4: Statistics of WebRTC media

```
Start at: Tue, 13 Jun 2017 19:24:43 +0000
End at: Tue, 13 Jun 2017 19:25:13 +0000
Local clock offset: 3.402 ms
Remote clock offset: -0.123 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:32:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 45.574 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 45.574 ms
Loss rate: 0.00%
```

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

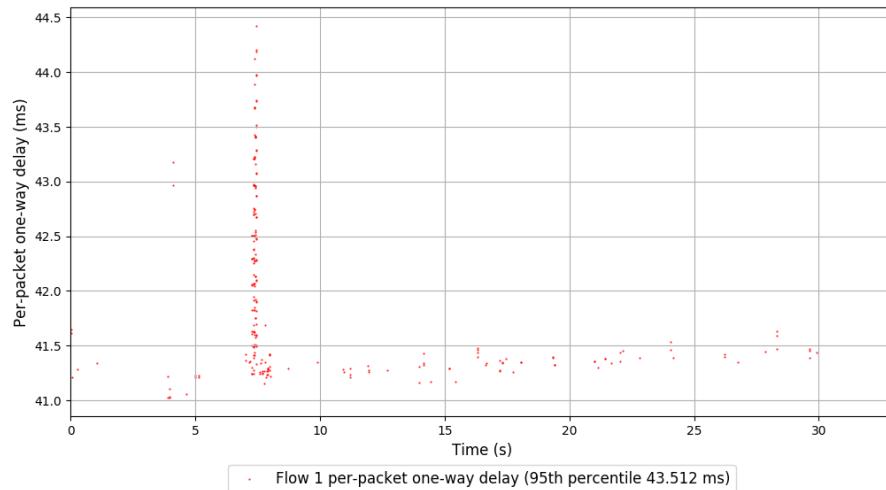
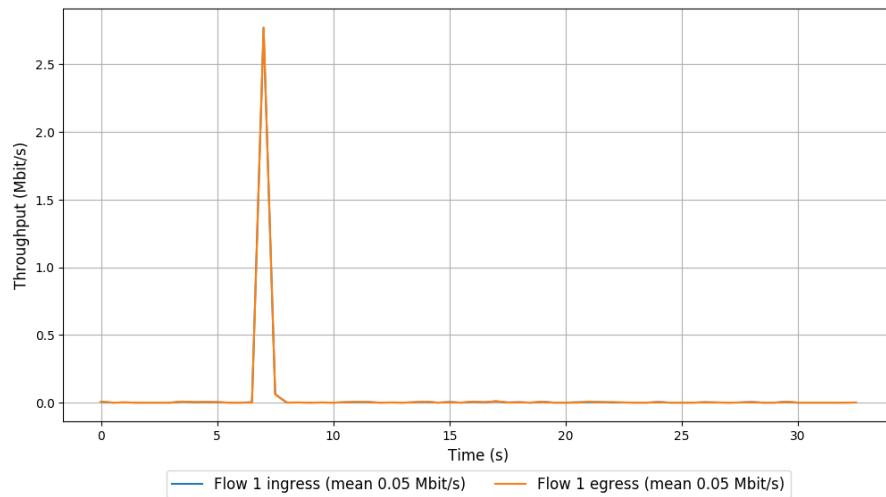


```
Run 5: Statistics of WebRTC media

Start at: Tue, 13 Jun 2017 19:43:36 +0000
End at: Tue, 13 Jun 2017 19:44:06 +0000
Local clock offset: -0.865 ms
Remote clock offset: -0.754 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:32:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 43.512 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 43.512 ms
Loss rate: 0.00%
```

Run 5: Report of WebRTC media — Data Link

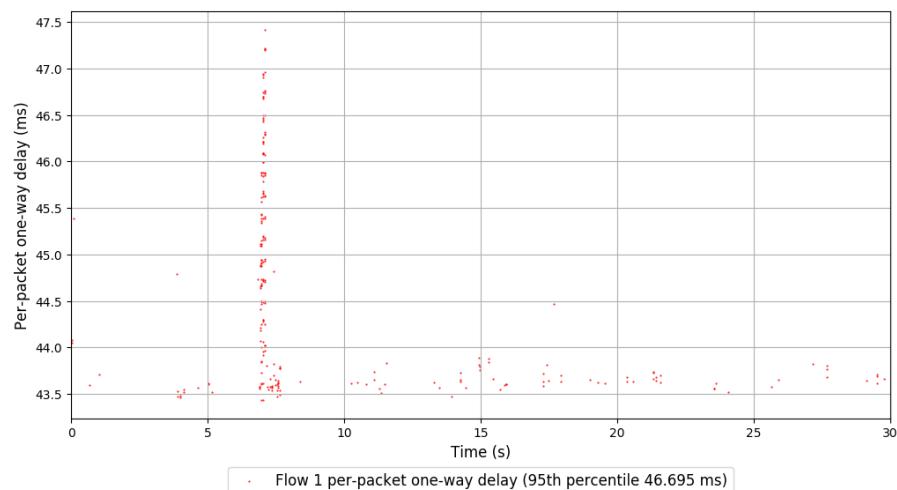
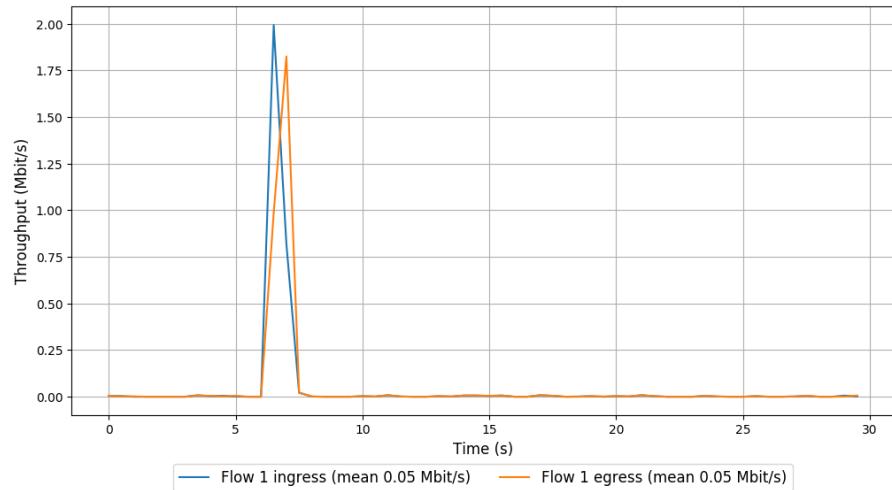


```
Run 6: Statistics of WebRTC media

Start at: Tue, 13 Jun 2017 20:01:40 +0000
End at: Tue, 13 Jun 2017 20:02:10 +0000
Local clock offset: 4.968 ms
Remote clock offset: 0.027 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:32:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 46.695 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 46.695 ms
Loss rate: 0.00%
```

### Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: Tue, 13 Jun 2017 20:20:19 +0000

End at: Tue, 13 Jun 2017 20:20:49 +0000

Local clock offset: 1.536 ms

Remote clock offset: 0.471 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:32:15 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 43.581 ms

Loss rate: 0.00%

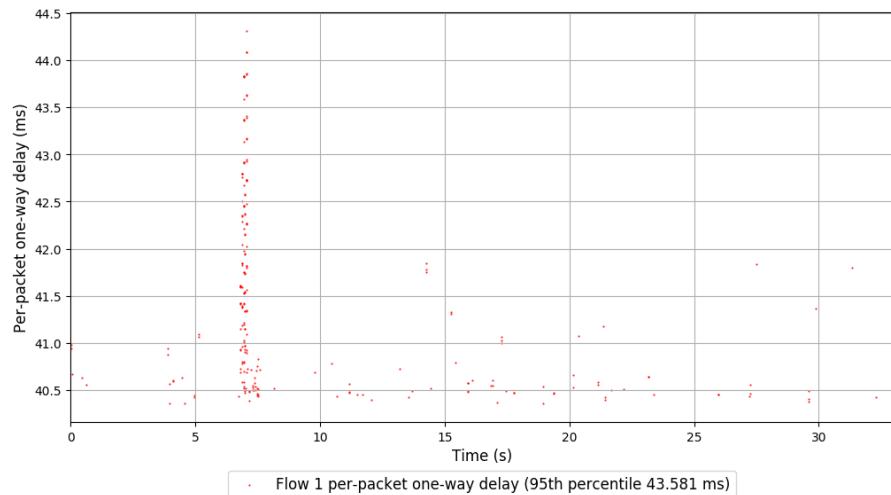
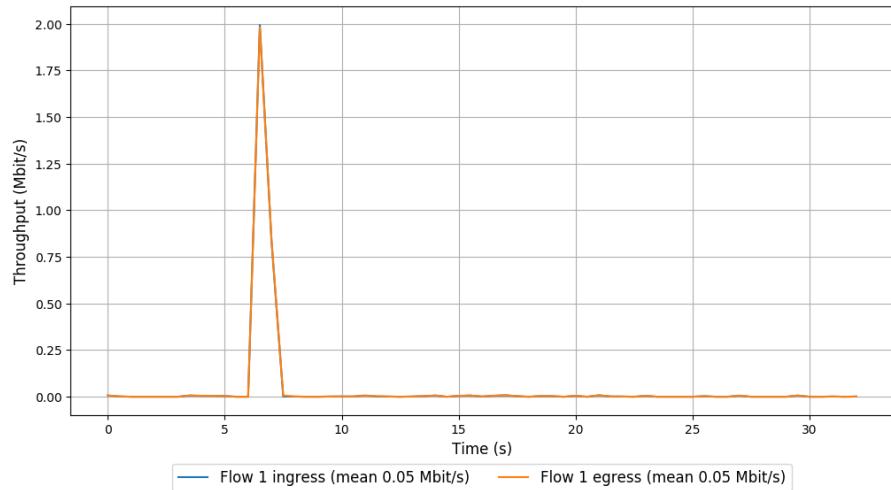
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 43.581 ms

Loss rate: 0.00%

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

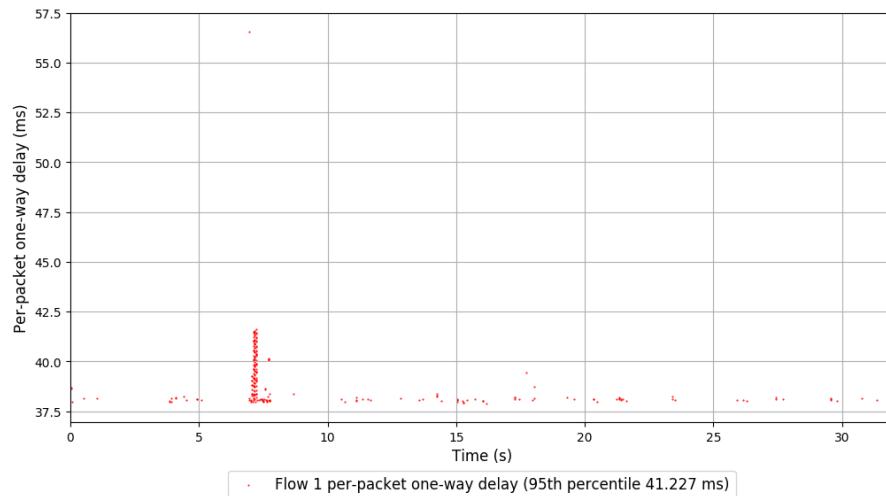
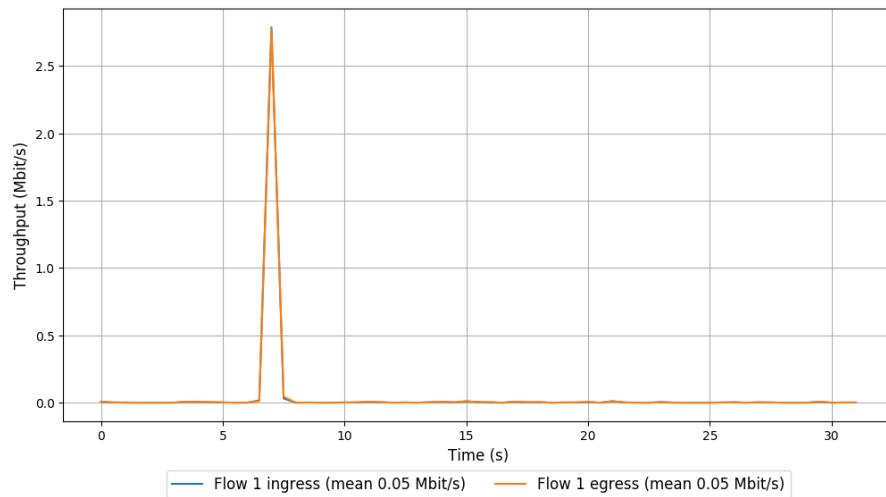


```
Run 8: Statistics of WebRTC media

Start at: Tue, 13 Jun 2017 20:38:50 +0000
End at: Tue, 13 Jun 2017 20:39:20 +0000
Local clock offset: -1.995 ms
Remote clock offset: 0.67 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:32:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 41.227 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 41.227 ms
Loss rate: 0.00%
```

Run 8: Report of WebRTC media — Data Link

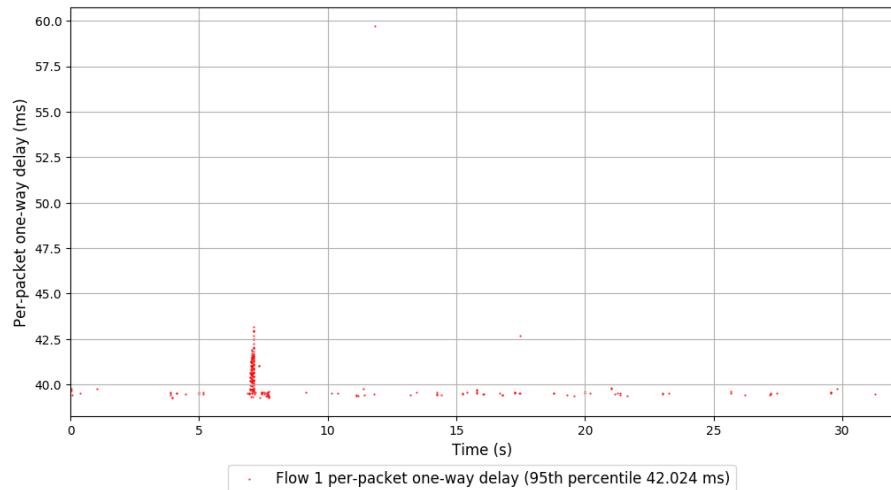
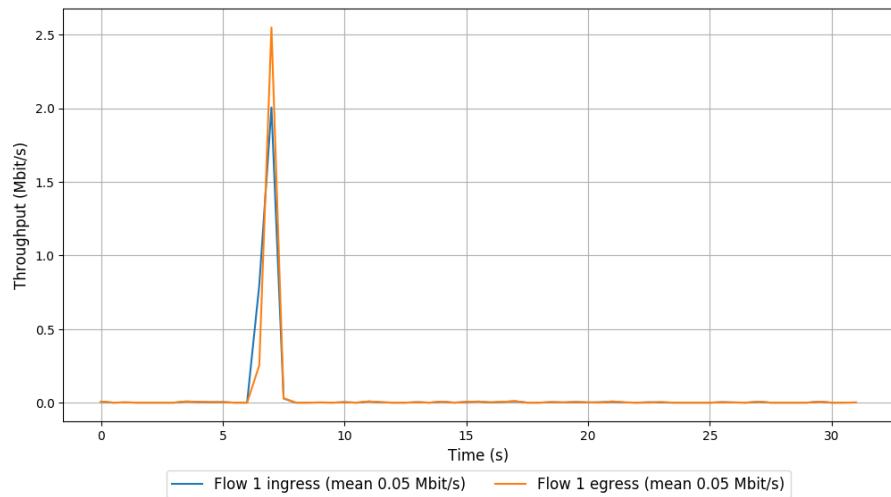


Run 9: Statistics of WebRTC media

```
Start at: Tue, 13 Jun 2017 20:57:16 +0000
End at: Tue, 13 Jun 2017 20:57:46 +0000
Local clock offset: -3.221 ms
Remote clock offset: 0.851 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:32:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 42.024 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 42.024 ms
Loss rate: 0.00%
```

Run 9: Report of WebRTC media — Data Link



```
Run 10: Statistics of WebRTC media

Start at: Tue, 13 Jun 2017 21:16:06 +0000
End at: Tue, 13 Jun 2017 21:16:36 +0000
Local clock offset: -2.246 ms
Remote clock offset: 0.756 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 02:32:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 44.409 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 44.409 ms
Loss rate: 0.00%
```

Run 10: Report of WebRTC media — Data Link

