

**Pantheon Summary** (Generated at Tue, 13 Jun 2017 16:30:54 +0000 with  
pantheon version a78272c2fc2acc3dce256a4fe0c8be153bc74953)

Repeated the test of 15 congestion control schemes 10 times.

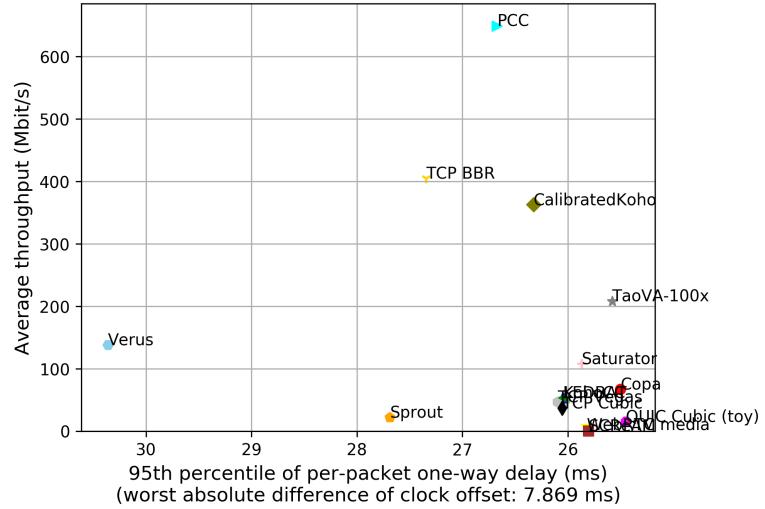
Each test lasted for 30 seconds running 1 flow.

Data path **from** AWS California 1 Ethernet **to** Stanford Ethernet.

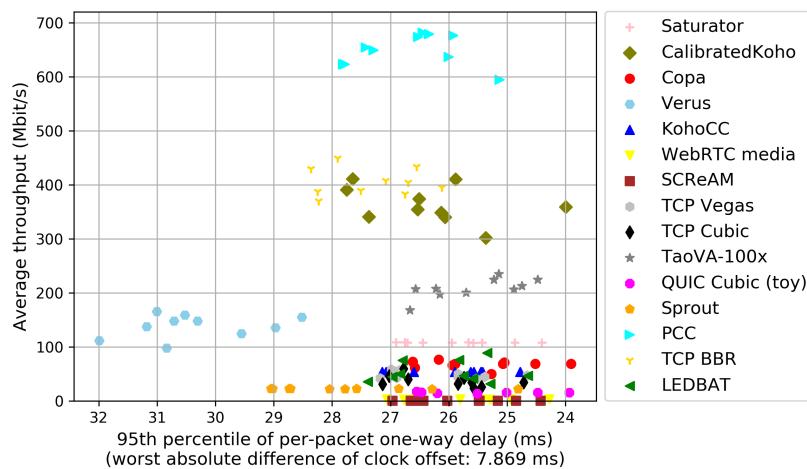
NTP offset measured against time.stanford.edu.

```
git branch: master @ a78272c2fc2acc3dce256a4fe0c8be153bc74953
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
```

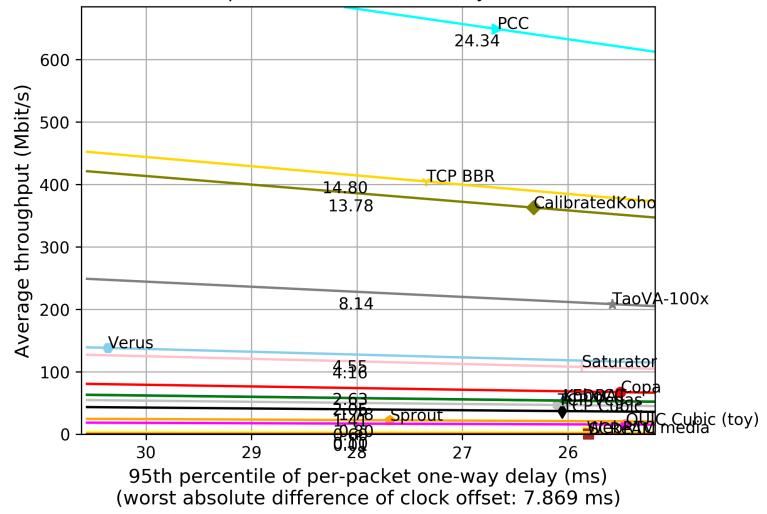
test from AWS California 1 Ethernet to Stanford Ethernet, runs 10 of 30s each per scheme  
mean of all runs by scheme



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



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

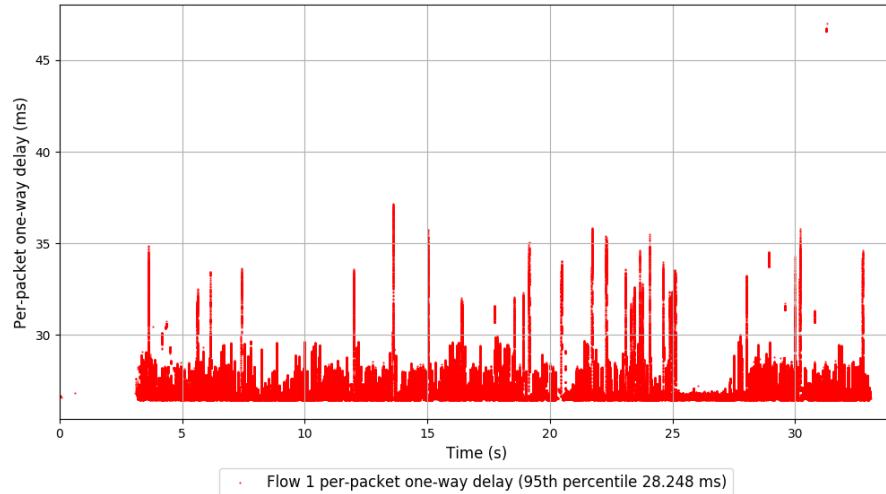
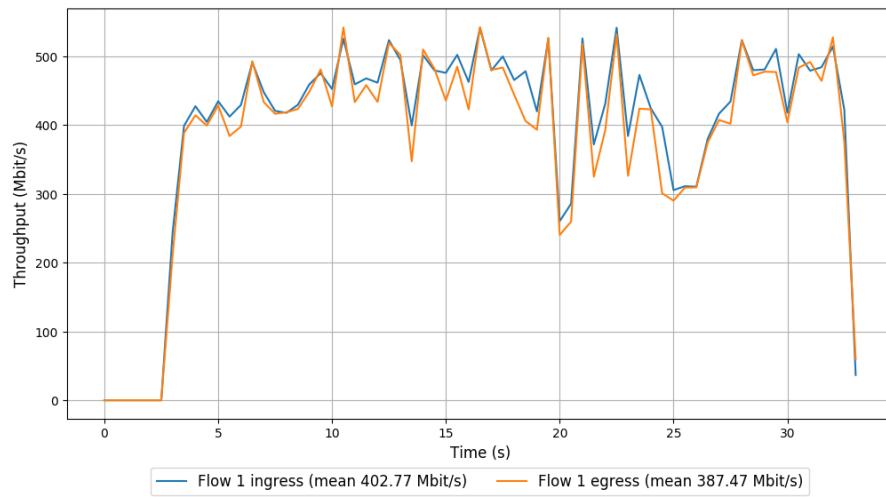


Run 1: Statistics of TCP BBR

```
Start at: Tue, 13 Jun 2017 07:24:01 +0000
End at: Tue, 13 Jun 2017 07:24:31 +0000
Local clock offset: 3.795 ms
Remote clock offset: -3.993 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:02:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 387.47 Mbit/s
95th percentile per-packet one-way delay: 28.248 ms
Loss rate: 3.80%
-- Flow 1:
Average throughput: 387.47 Mbit/s
95th percentile per-packet one-way delay: 28.248 ms
Loss rate: 3.80%
```

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

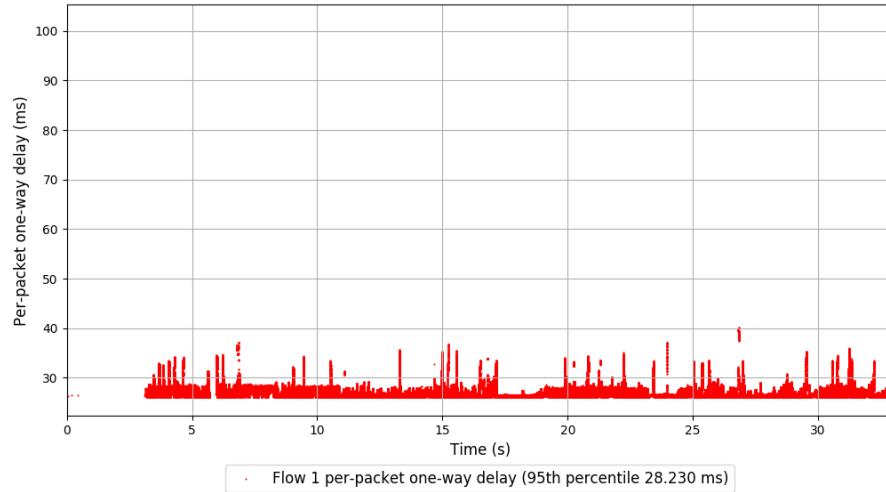
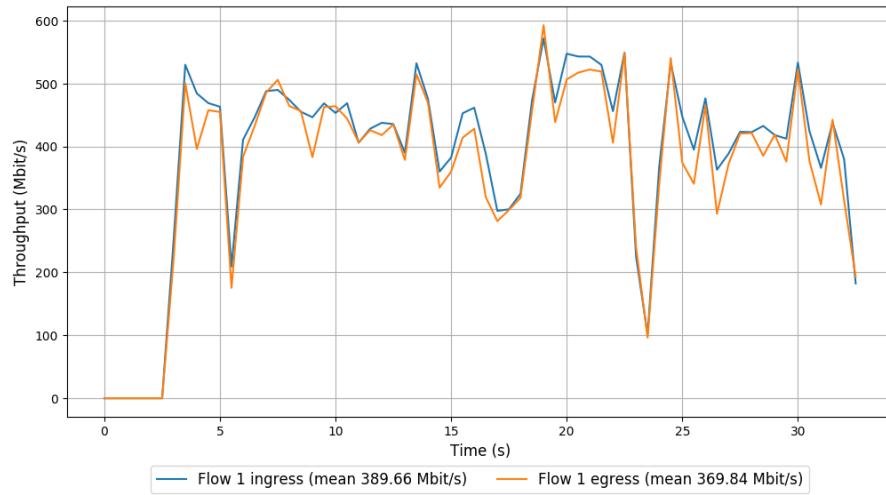


Run 2: Statistics of TCP BBR

```
Start at: Tue, 13 Jun 2017 07:45:02 +0000
End at: Tue, 13 Jun 2017 07:45:32 +0000
Local clock offset: 3.592 ms
Remote clock offset: -3.794 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:02:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 369.84 Mbit/s
95th percentile per-packet one-way delay: 28.230 ms
Loss rate: 4.92%
-- Flow 1:
Average throughput: 369.84 Mbit/s
95th percentile per-packet one-way delay: 28.230 ms
Loss rate: 4.92%
```

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

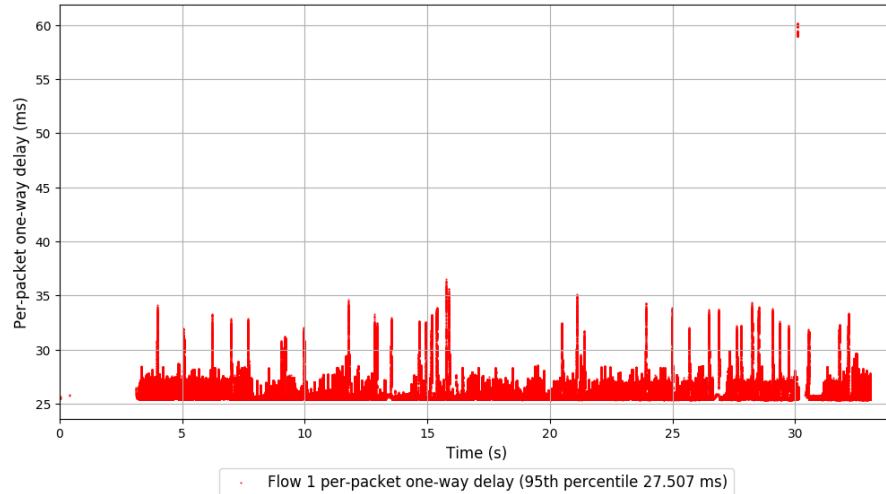
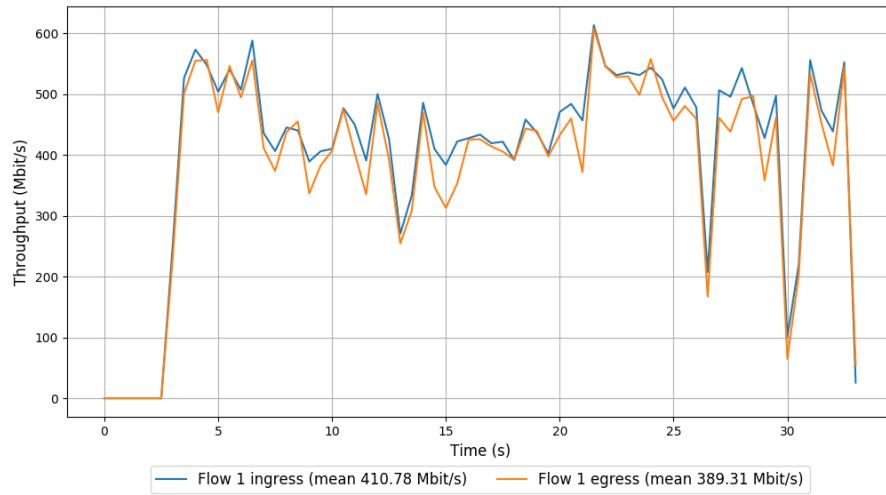


Run 3: Statistics of TCP BBR

```
Start at: Tue, 13 Jun 2017 08:06:01 +0000
End at: Tue, 13 Jun 2017 08:06:31 +0000
Local clock offset: 3.619 ms
Remote clock offset: -3.005 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:03:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 389.31 Mbit/s
95th percentile per-packet one-way delay: 27.507 ms
Loss rate: 5.23%
-- Flow 1:
Average throughput: 389.31 Mbit/s
95th percentile per-packet one-way delay: 27.507 ms
Loss rate: 5.23%
```

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

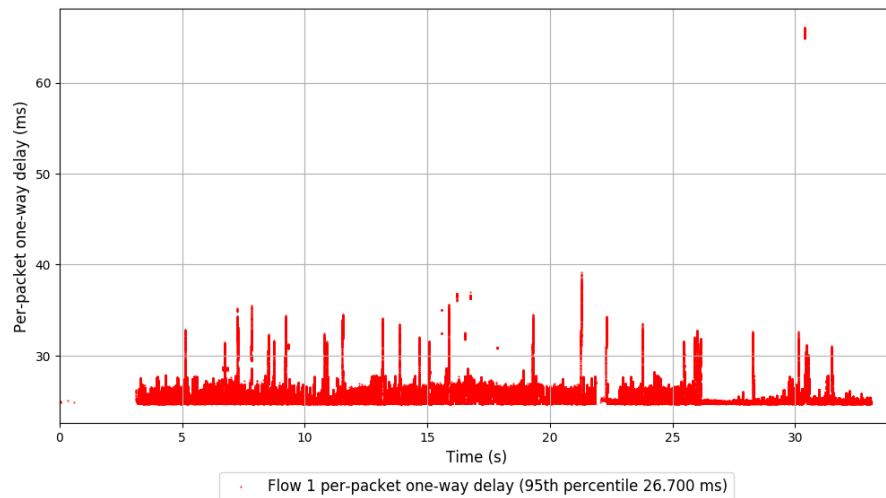
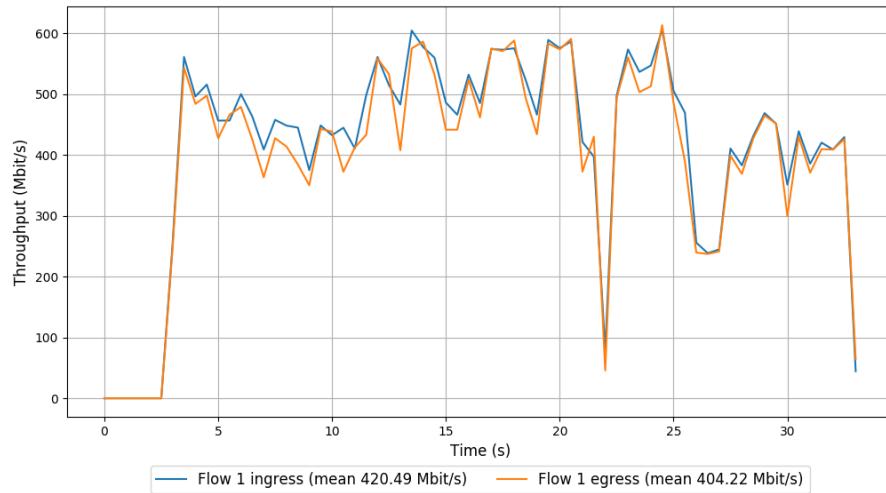


Run 4: Statistics of TCP BBR

```
Start at: Tue, 13 Jun 2017 08:26:57 +0000
End at: Tue, 13 Jun 2017 08:27:27 +0000
Local clock offset: 3.068 ms
Remote clock offset: -2.879 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:03:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 404.22 Mbit/s
95th percentile per-packet one-way delay: 26.700 ms
Loss rate: 3.87%
-- Flow 1:
Average throughput: 404.22 Mbit/s
95th percentile per-packet one-way delay: 26.700 ms
Loss rate: 3.87%
```

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

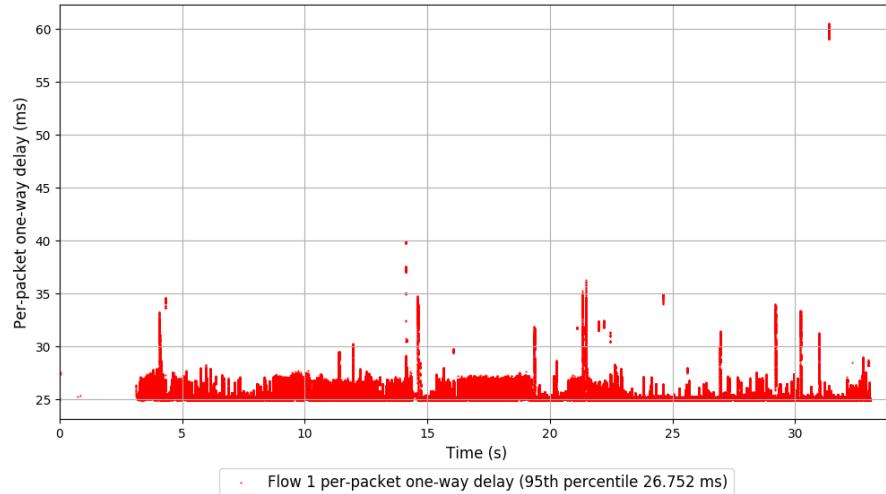
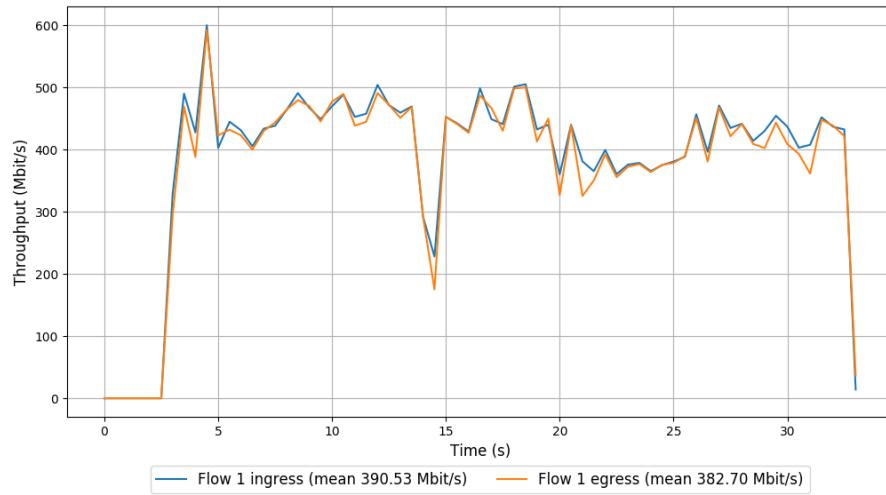


Run 5: Statistics of TCP BBR

```
Start at: Tue, 13 Jun 2017 08:47:54 +0000
End at: Tue, 13 Jun 2017 08:48:24 +0000
Local clock offset: 3.248 ms
Remote clock offset: -3.123 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:03:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 382.70 Mbit/s
95th percentile per-packet one-way delay: 26.752 ms
Loss rate: 2.01%
-- Flow 1:
Average throughput: 382.70 Mbit/s
95th percentile per-packet one-way delay: 26.752 ms
Loss rate: 2.01%
```

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

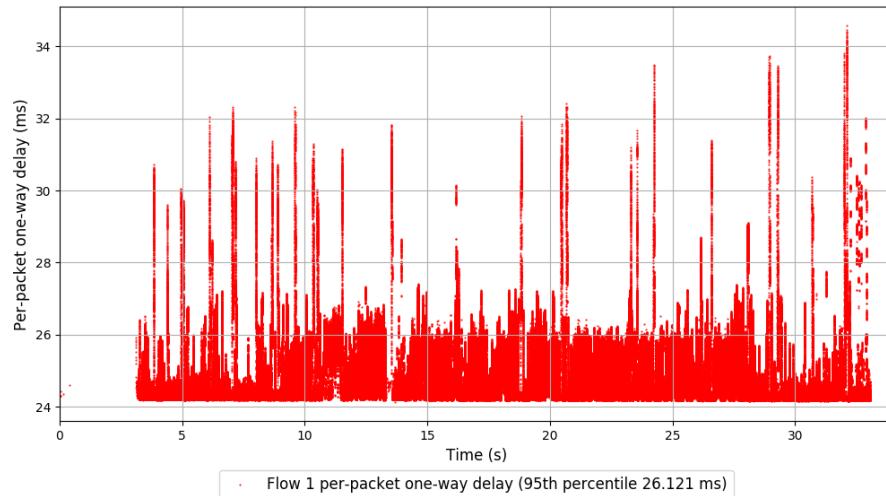
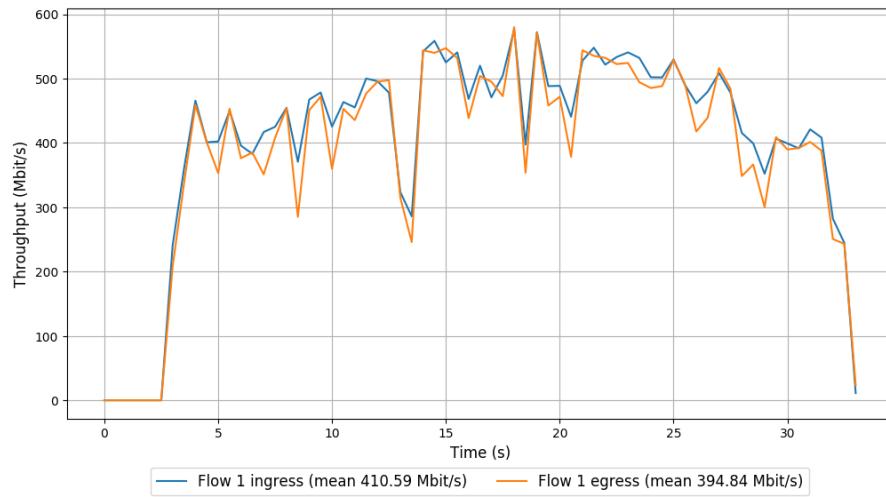


Run 6: Statistics of TCP BBR

```
Start at: Tue, 13 Jun 2017 09:08:52 +0000
End at: Tue, 13 Jun 2017 09:09:22 +0000
Local clock offset: 2.721 ms
Remote clock offset: -2.868 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:04:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 394.84 Mbit/s
95th percentile per-packet one-way delay: 26.121 ms
Loss rate: 3.85%
-- Flow 1:
Average throughput: 394.84 Mbit/s
95th percentile per-packet one-way delay: 26.121 ms
Loss rate: 3.85%
```

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

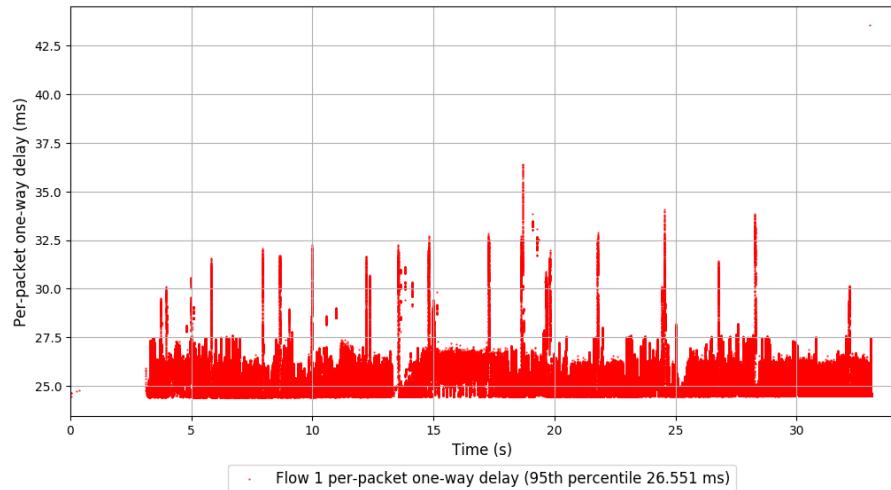
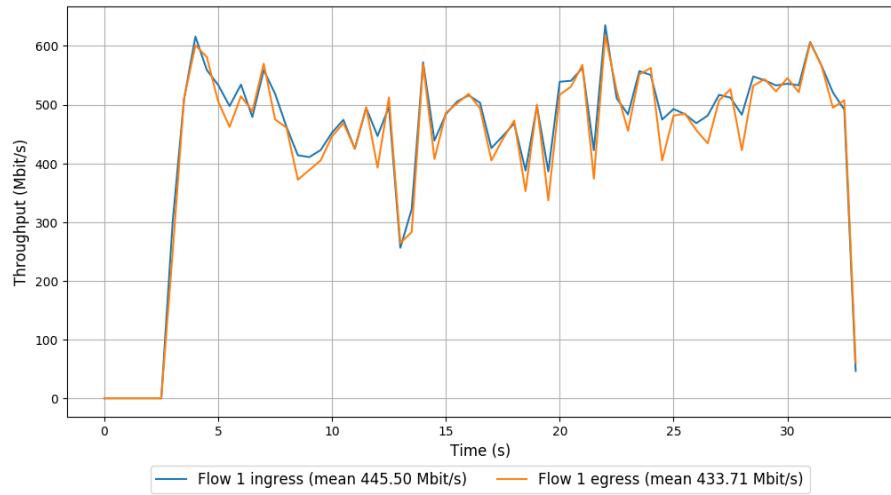


Run 7: Statistics of TCP BBR

```
Start at: Tue, 13 Jun 2017 09:29:53 +0000
End at: Tue, 13 Jun 2017 09:30:23 +0000
Local clock offset: 2.961 ms
Remote clock offset: -2.656 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:04:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 433.71 Mbit/s
95th percentile per-packet one-way delay: 26.551 ms
Loss rate: 2.65%
-- Flow 1:
Average throughput: 433.71 Mbit/s
95th percentile per-packet one-way delay: 26.551 ms
Loss rate: 2.65%
```

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

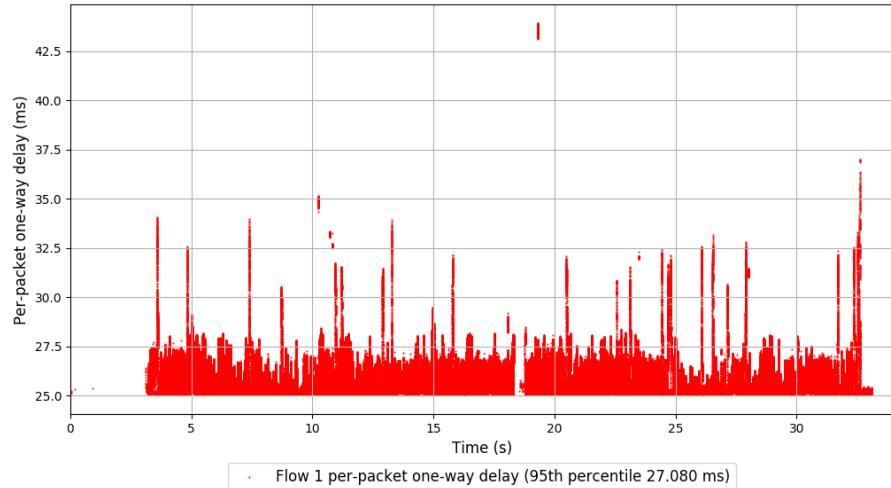
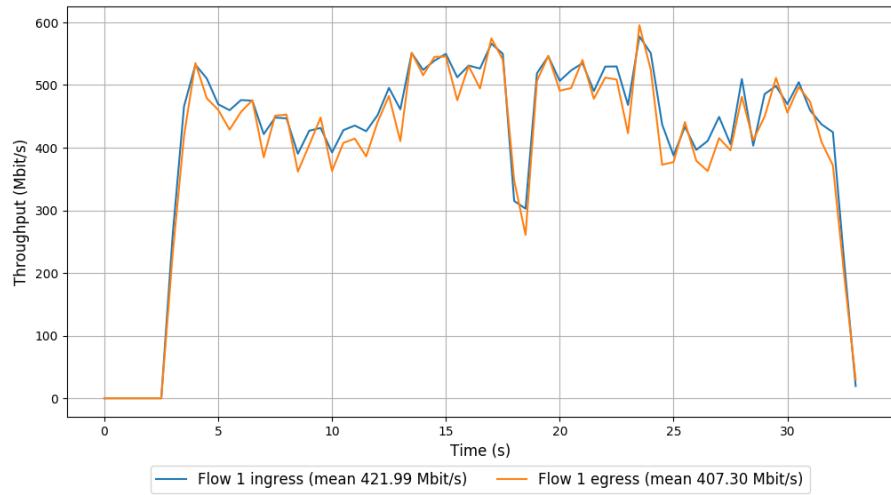


Run 8: Statistics of TCP BBR

```
Start at: Tue, 13 Jun 2017 09:51:03 +0000
End at: Tue, 13 Jun 2017 09:51:33 +0000
Local clock offset: 3.638 ms
Remote clock offset: -2.711 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:05:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 407.30 Mbit/s
95th percentile per-packet one-way delay: 27.080 ms
Loss rate: 3.48%
-- Flow 1:
Average throughput: 407.30 Mbit/s
95th percentile per-packet one-way delay: 27.080 ms
Loss rate: 3.48%
```

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

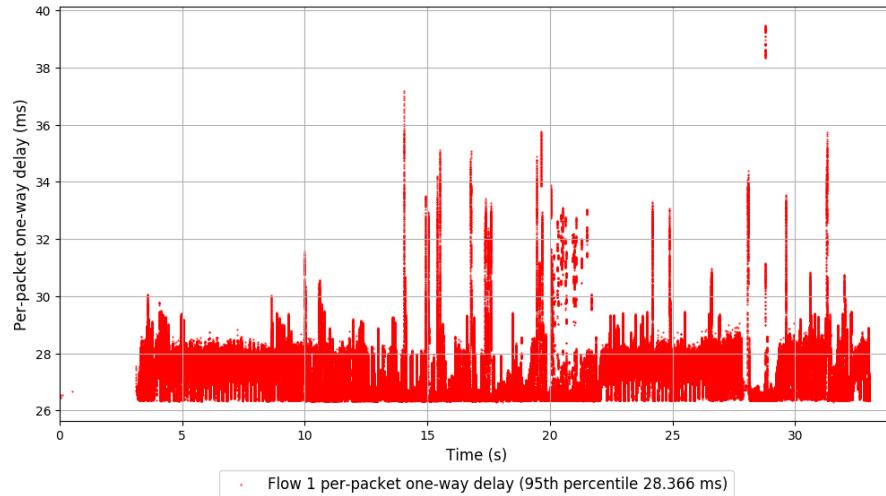
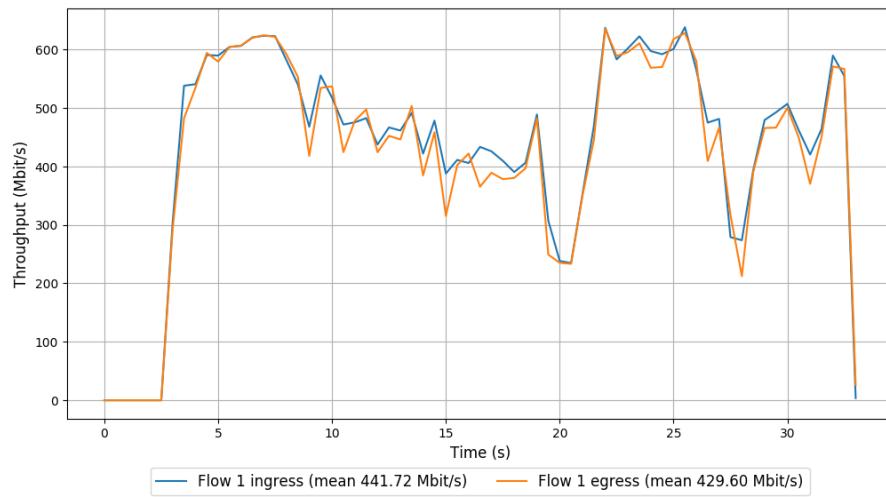


Run 9: Statistics of TCP BBR

```
Start at: Tue, 13 Jun 2017 10:12:08 +0000
End at: Tue, 13 Jun 2017 10:12:38 +0000
Local clock offset: 4.649 ms
Remote clock offset: -2.986 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:05:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 429.60 Mbit/s
95th percentile per-packet one-way delay: 28.366 ms
Loss rate: 2.75%
-- Flow 1:
Average throughput: 429.60 Mbit/s
95th percentile per-packet one-way delay: 28.366 ms
Loss rate: 2.75%
```

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

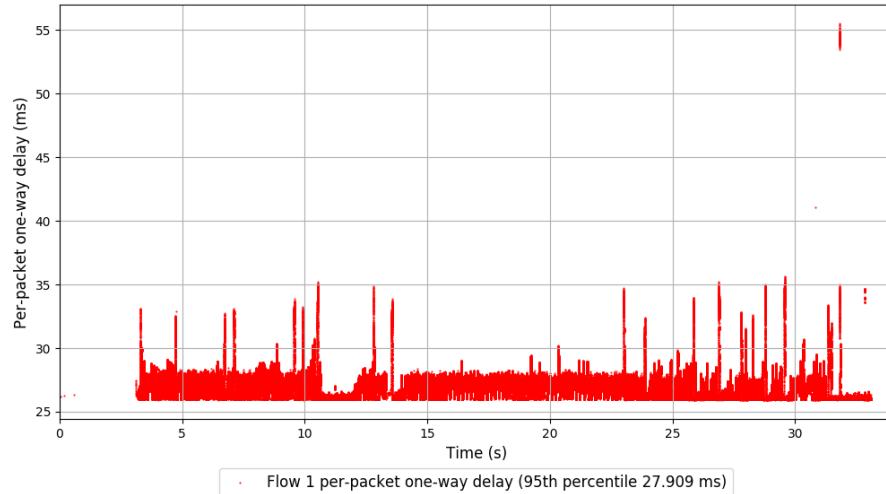
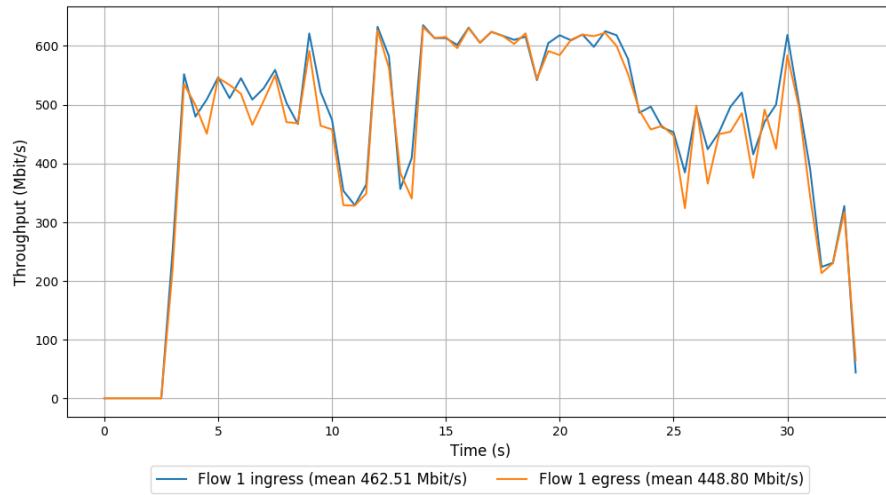


Run 10: Statistics of TCP BBR

```
Start at: Tue, 13 Jun 2017 10:33:18 +0000
End at: Tue, 13 Jun 2017 10:33:48 +0000
Local clock offset: 4.649 ms
Remote clock offset: -2.659 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:06:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 448.80 Mbit/s
95th percentile per-packet one-way delay: 27.909 ms
Loss rate: 2.96%
-- Flow 1:
Average throughput: 448.80 Mbit/s
95th percentile per-packet one-way delay: 27.909 ms
Loss rate: 2.96%
```

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

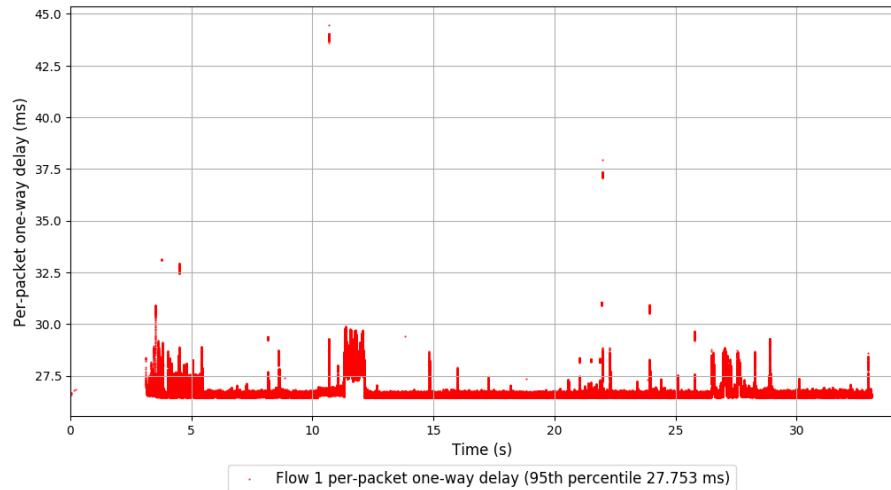
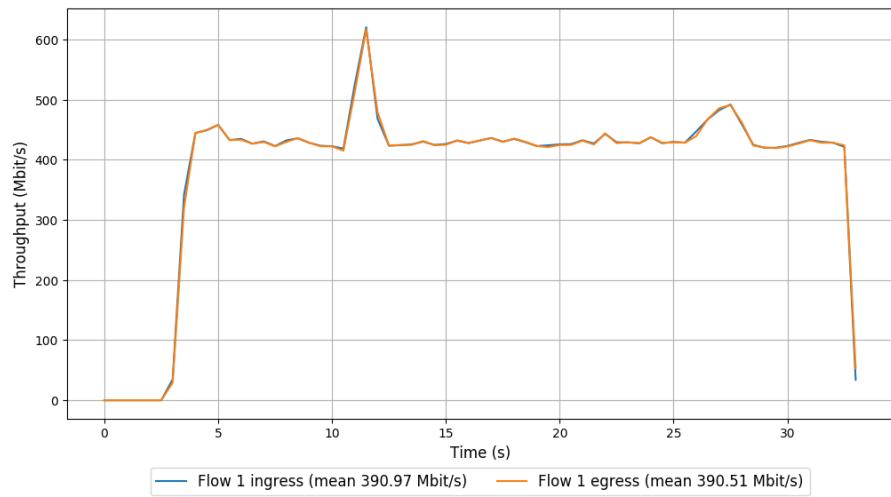


```
Run 1: Statistics of CalibratedKoho

Start at: Tue, 13 Jun 2017 07:18:14 +0000
End at: Tue, 13 Jun 2017 07:18:45 +0000
Local clock offset: 3.769 ms
Remote clock offset: -4.026 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:06:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 390.51 Mbit/s
95th percentile per-packet one-way delay: 27.753 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 390.51 Mbit/s
95th percentile per-packet one-way delay: 27.753 ms
Loss rate: 0.14%
```

Run 1: Report of CalibratedKoho — Data Link



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

```
Start at: Tue, 13 Jun 2017 07:39:13 +0000
```

```
End at: Tue, 13 Jun 2017 07:39:43 +0000
```

```
Local clock offset: 3.618 ms
```

```
Remote clock offset: -3.97 ms
```

```
# Below is generated by plot.py at Tue, 13 Jun 2017 16:07:14 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 373.88 Mbit/s
```

```
95th percentile per-packet one-way delay: 26.510 ms
```

```
Loss rate: 0.16%
```

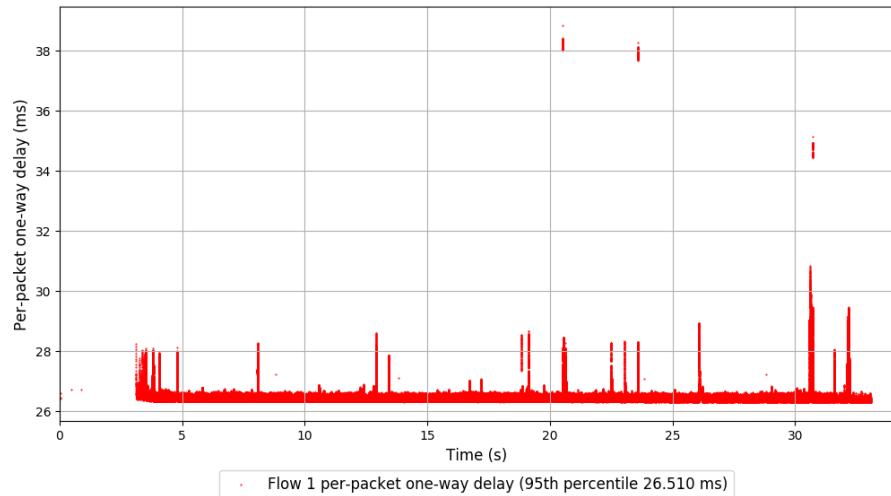
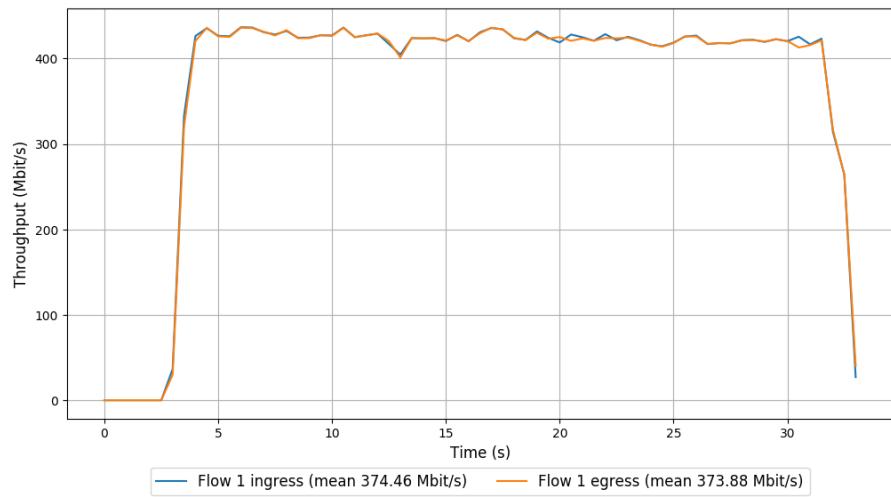
```
-- Flow 1:
```

```
Average throughput: 373.88 Mbit/s
```

```
95th percentile per-packet one-way delay: 26.510 ms
```

```
Loss rate: 0.16%
```

Run 2: Report of CalibratedKoho — Data Link

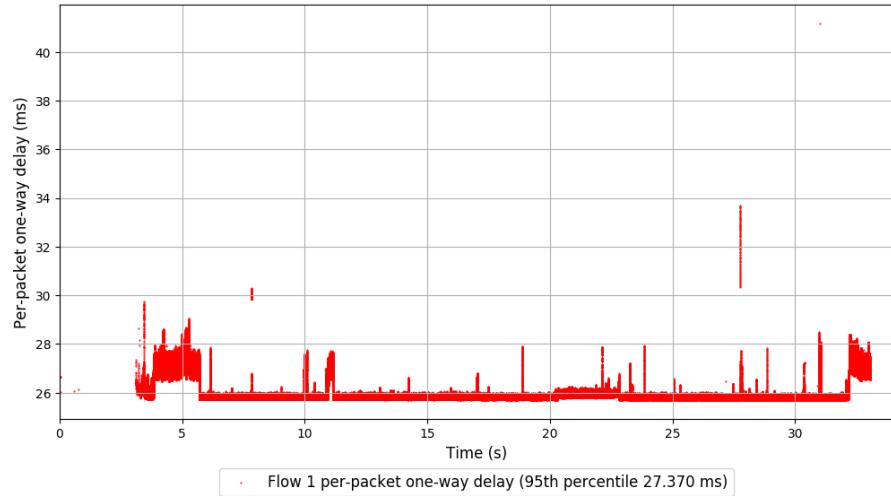
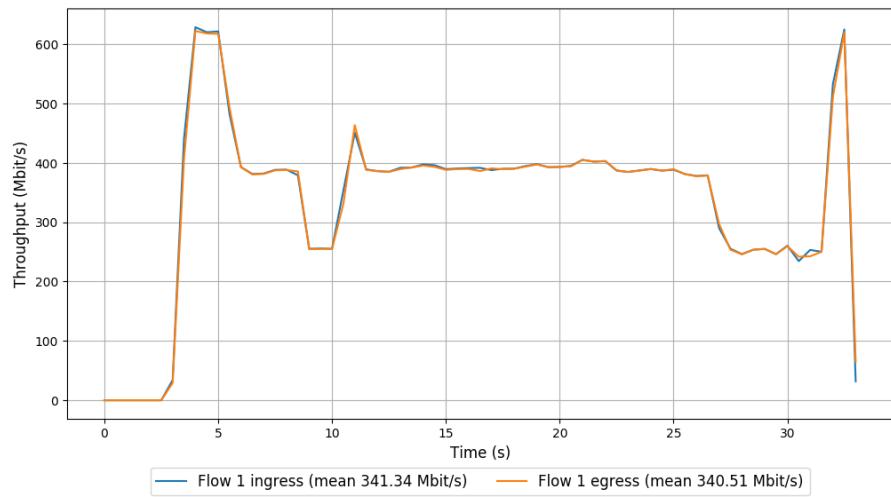


```
Run 3: Statistics of CalibratedKoho
```

```
Start at: Tue, 13 Jun 2017 08:00:16 +0000
End at: Tue, 13 Jun 2017 08:00:46 +0000
Local clock offset: 3.743 ms
Remote clock offset: -3.296 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:07:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 340.51 Mbit/s
95th percentile per-packet one-way delay: 27.370 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 340.51 Mbit/s
95th percentile per-packet one-way delay: 27.370 ms
Loss rate: 0.26%
```

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



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

```
Start at: Tue, 13 Jun 2017 08:21:14 +0000
```

```
End at: Tue, 13 Jun 2017 08:21:44 +0000
```

```
Local clock offset: 3.187 ms
```

```
Remote clock offset: -2.801 ms
```

```
# Below is generated by plot.py at Tue, 13 Jun 2017 16:07:59 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 301.77 Mbit/s
```

```
95th percentile per-packet one-way delay: 25.370 ms
```

```
Loss rate: 0.63%
```

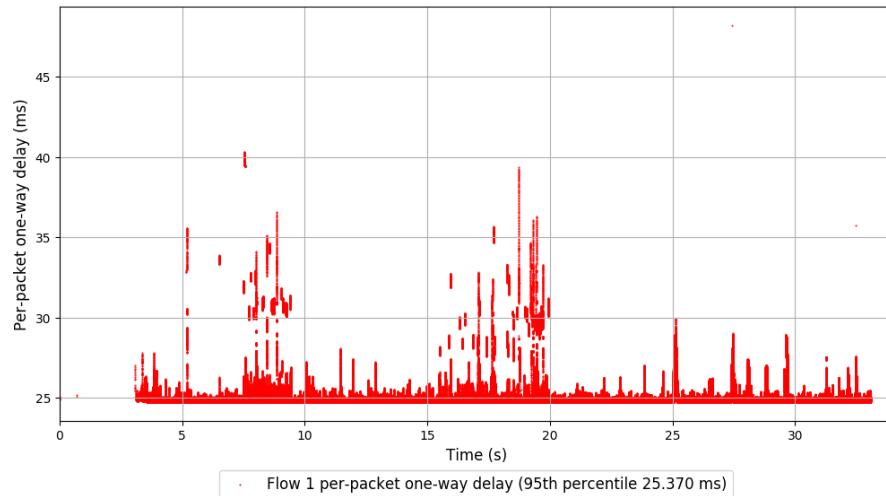
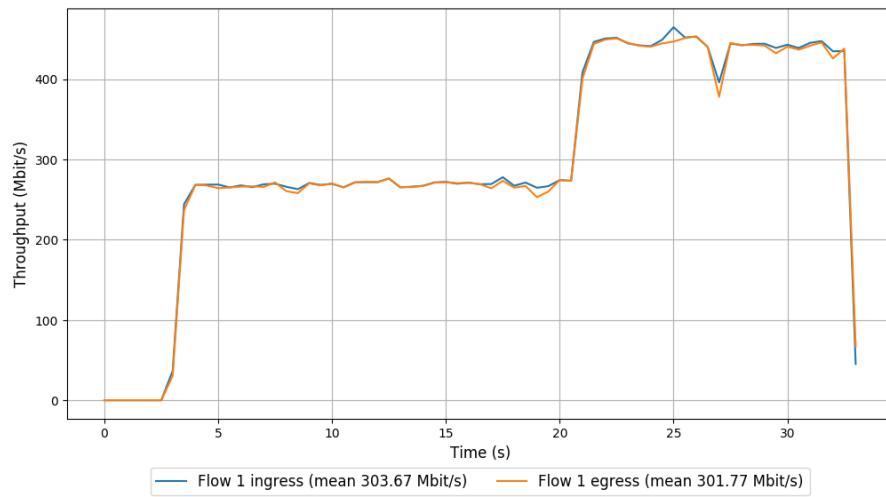
```
-- Flow 1:
```

```
Average throughput: 301.77 Mbit/s
```

```
95th percentile per-packet one-way delay: 25.370 ms
```

```
Loss rate: 0.63%
```

Run 4: Report of CalibratedKoho — Data Link



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

```
Start at: Tue, 13 Jun 2017 08:42:09 +0000
```

```
End at: Tue, 13 Jun 2017 08:42:39 +0000
```

```
Local clock offset: 3.151 ms
```

```
Remote clock offset: -3.101 ms
```

```
# Below is generated by plot.py at Tue, 13 Jun 2017 16:08:29 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 410.37 Mbit/s
```

```
95th percentile per-packet one-way delay: 25.884 ms
```

```
Loss rate: 0.17%
```

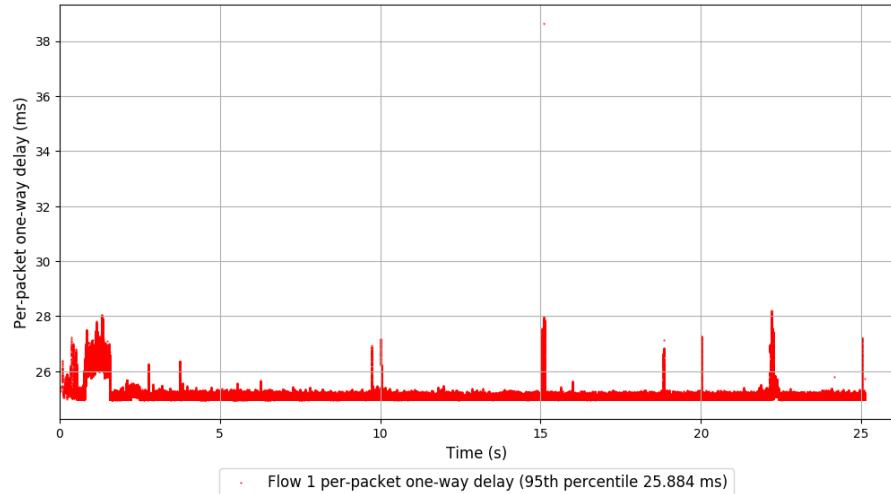
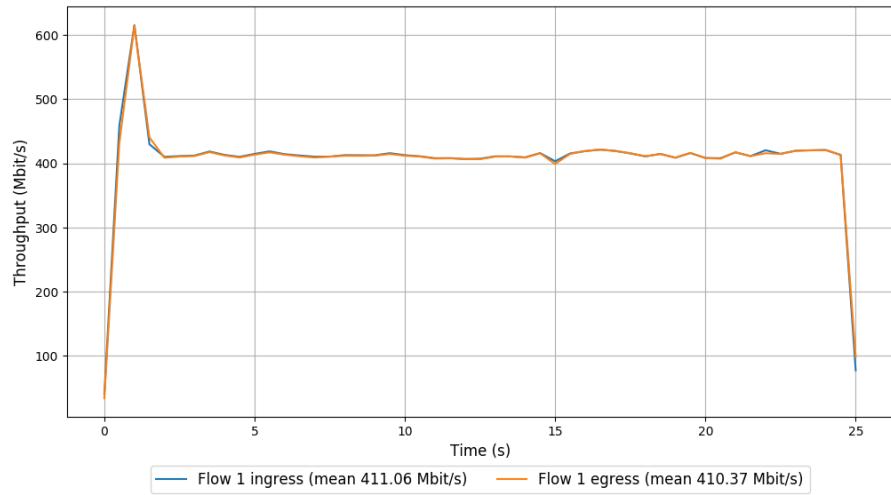
```
-- Flow 1:
```

```
Average throughput: 410.37 Mbit/s
```

```
95th percentile per-packet one-way delay: 25.884 ms
```

```
Loss rate: 0.17%
```

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



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

```
Start at: Tue, 13 Jun 2017 09:03:04 +0000
```

```
End at: Tue, 13 Jun 2017 09:03:34 +0000
```

```
Local clock offset: 2.771 ms
```

```
Remote clock offset: -2.906 ms
```

```
# Below is generated by plot.py at Tue, 13 Jun 2017 16:08:47 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 340.07 Mbit/s
```

```
95th percentile per-packet one-way delay: 26.066 ms
```

```
Loss rate: 0.25%
```

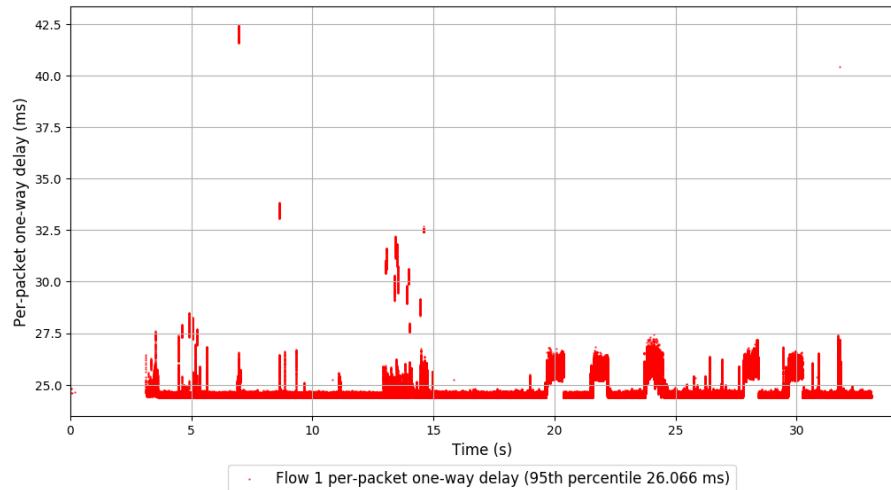
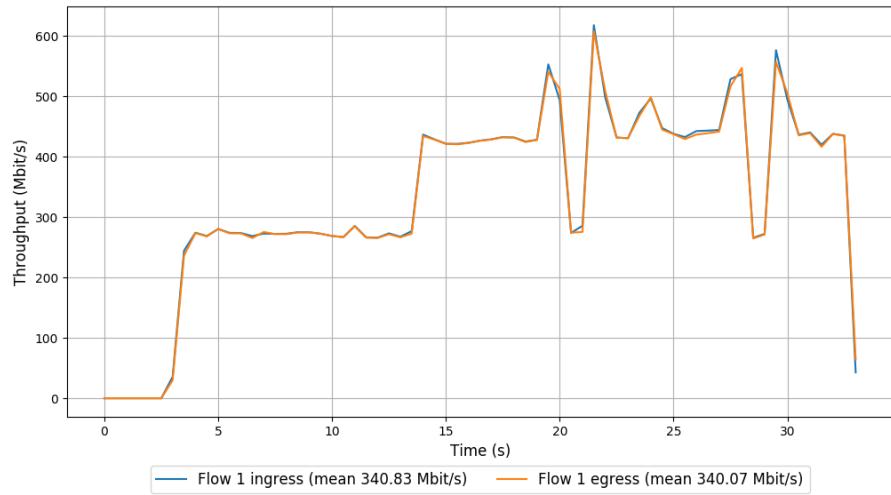
```
-- Flow 1:
```

```
Average throughput: 340.07 Mbit/s
```

```
95th percentile per-packet one-way delay: 26.066 ms
```

```
Loss rate: 0.25%
```

Run 6: Report of CalibratedKoho — Data Link



Run 7: Statistics of CalibratedKoho

Start at: Tue, 13 Jun 2017 09:24:05 +0000

End at: Tue, 13 Jun 2017 09:24:35 +0000

Local clock offset: 2.38 ms

Remote clock offset: -2.714 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:09:20 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 358.97 Mbit/s

95th percentile per-packet one-way delay: 23.994 ms

Loss rate: 0.18%

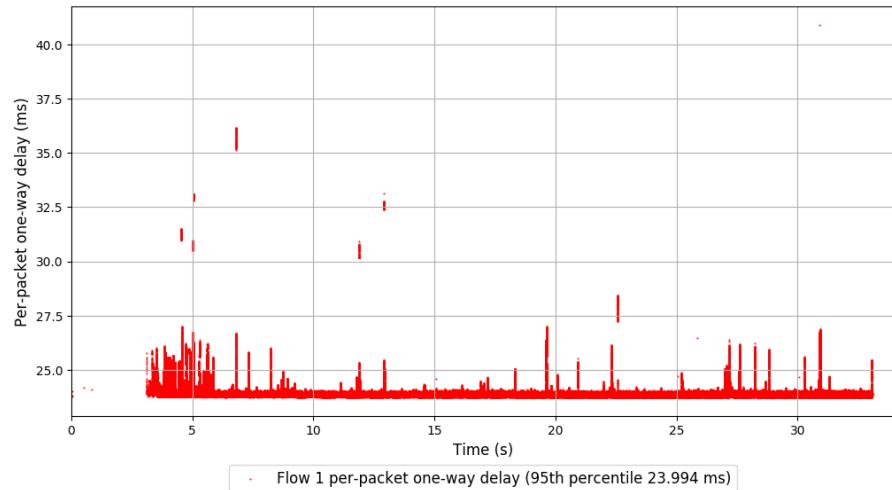
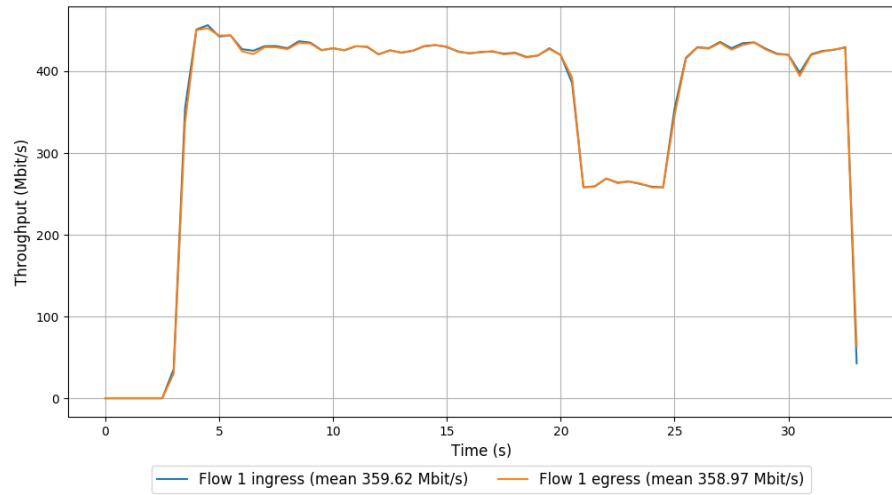
-- Flow 1:

Average throughput: 358.97 Mbit/s

95th percentile per-packet one-way delay: 23.994 ms

Loss rate: 0.18%

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

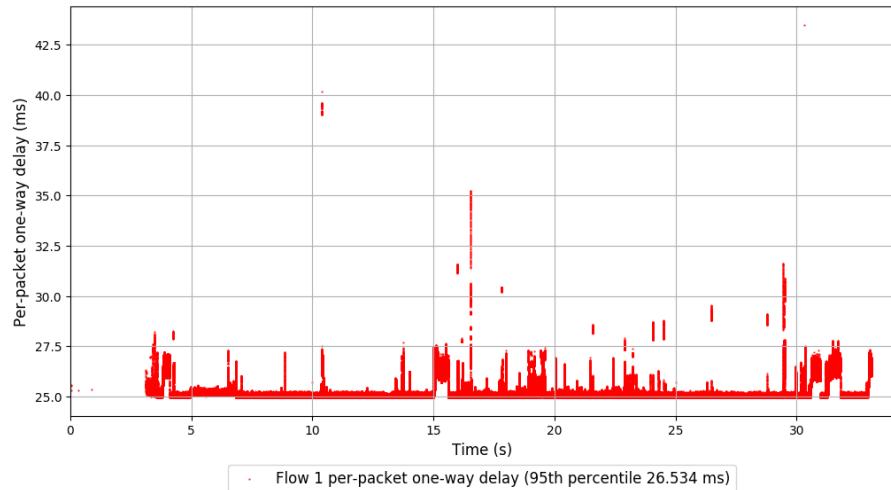
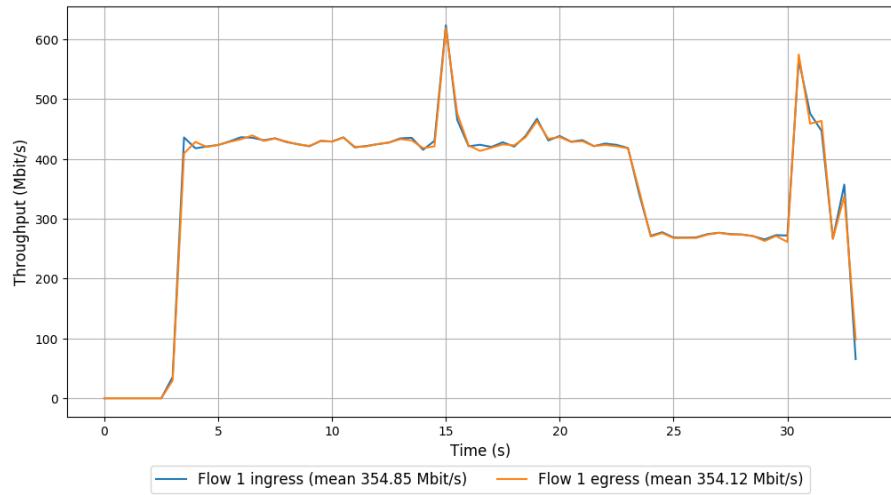


Run 8: Statistics of CalibratedKoho

```
Start at: Tue, 13 Jun 2017 09:45:14 +0000
End at: Tue, 13 Jun 2017 09:45:44 +0000
Local clock offset: 3.675 ms
Remote clock offset: -2.534 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:09:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 354.12 Mbit/s
95th percentile per-packet one-way delay: 26.534 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 354.12 Mbit/s
95th percentile per-packet one-way delay: 26.534 ms
Loss rate: 0.20%
```

## Run 8: Report of CalibratedKoho — Data Link



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

```
Start at: Tue, 13 Jun 2017 10:06:21 +0000
```

```
End at: Tue, 13 Jun 2017 10:06:51 +0000
```

```
Local clock offset: 4.214 ms
```

```
Remote clock offset: -2.987 ms
```

```
# Below is generated by plot.py at Tue, 13 Jun 2017 16:10:10 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 348.18 Mbit/s
```

```
95th percentile per-packet one-way delay: 26.131 ms
```

```
Loss rate: 0.25%
```

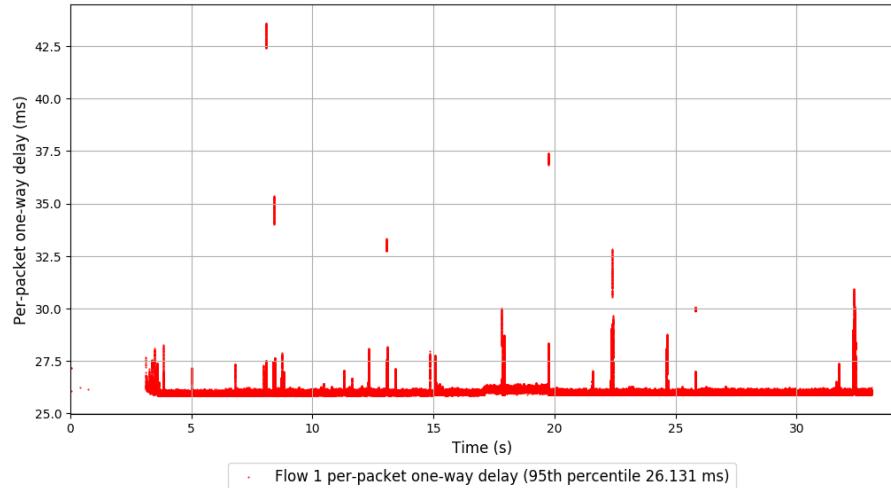
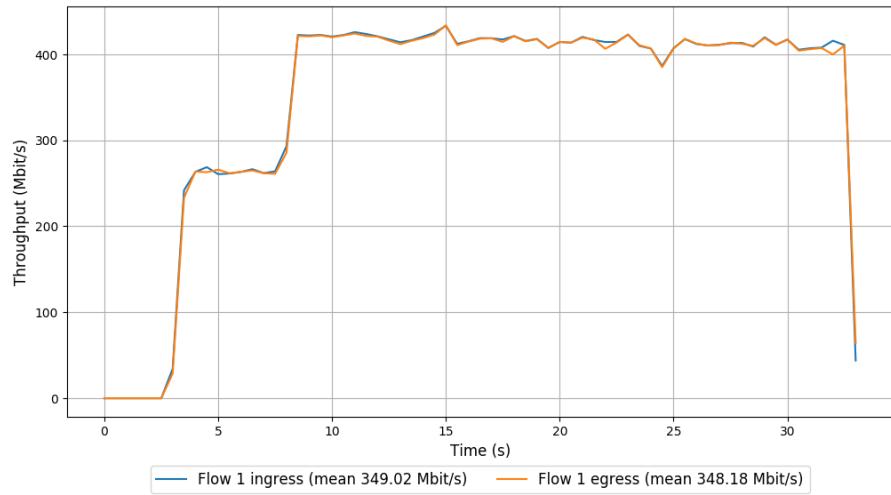
```
-- Flow 1:
```

```
Average throughput: 348.18 Mbit/s
```

```
95th percentile per-packet one-way delay: 26.131 ms
```

```
Loss rate: 0.25%
```

## Run 9: Report of CalibratedKoho — Data Link



```
Run 10: Statistics of CalibratedKoho
```

```
Start at: Tue, 13 Jun 2017 10:27:27 +0000
```

```
End at: Tue, 13 Jun 2017 10:27:57 +0000
```

```
Local clock offset: 4.67 ms
```

```
Remote clock offset: -2.776 ms
```

```
# Below is generated by plot.py at Tue, 13 Jun 2017 16:10:39 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 410.44 Mbit/s
```

```
95th percentile per-packet one-way delay: 27.649 ms
```

```
Loss rate: 0.16%
```

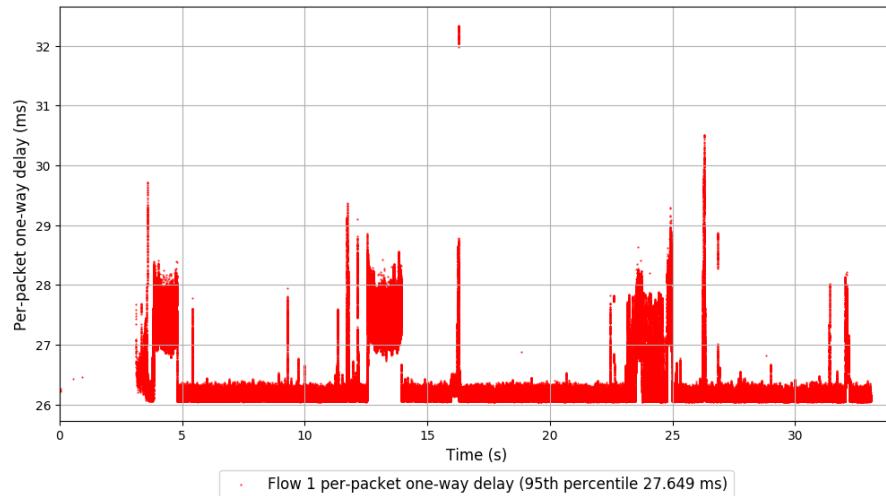
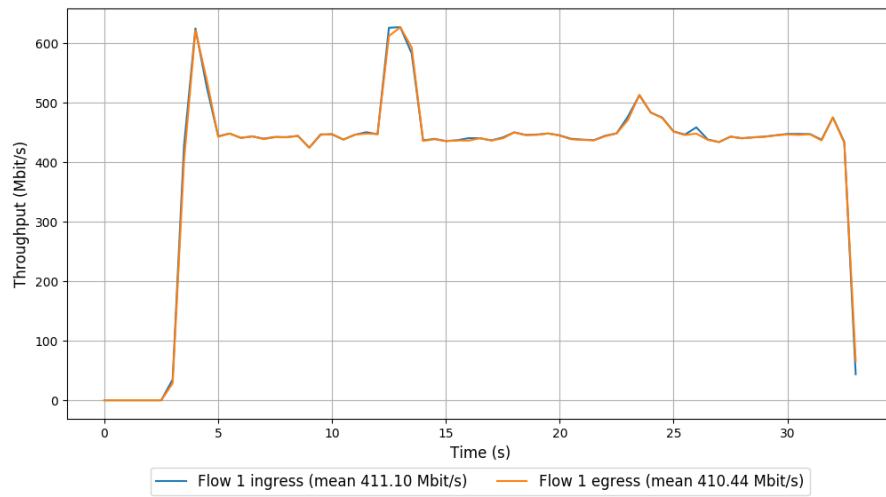
```
-- Flow 1:
```

```
Average throughput: 410.44 Mbit/s
```

```
95th percentile per-packet one-way delay: 27.649 ms
```

```
Loss rate: 0.16%
```

Run 10: Report of CalibratedKoho — Data Link

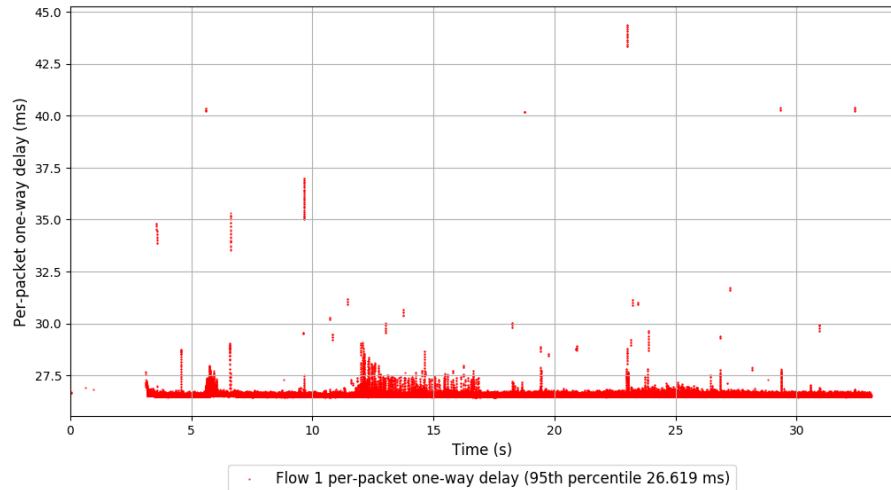
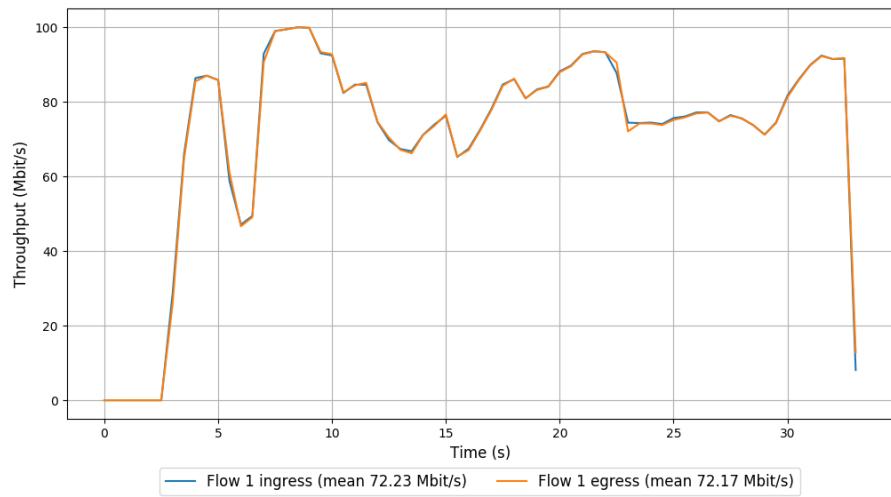


Run 1: Statistics of Copa

```
Start at: Tue, 13 Jun 2017 07:16:52 +0000
End at: Tue, 13 Jun 2017 07:17:22 +0000
Local clock offset: 3.822 ms
Remote clock offset: -3.961 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:10:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.17 Mbit/s
95th percentile per-packet one-way delay: 26.619 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 72.17 Mbit/s
95th percentile per-packet one-way delay: 26.619 ms
Loss rate: 0.08%
```

## Run 1: Report of Copa — Data Link

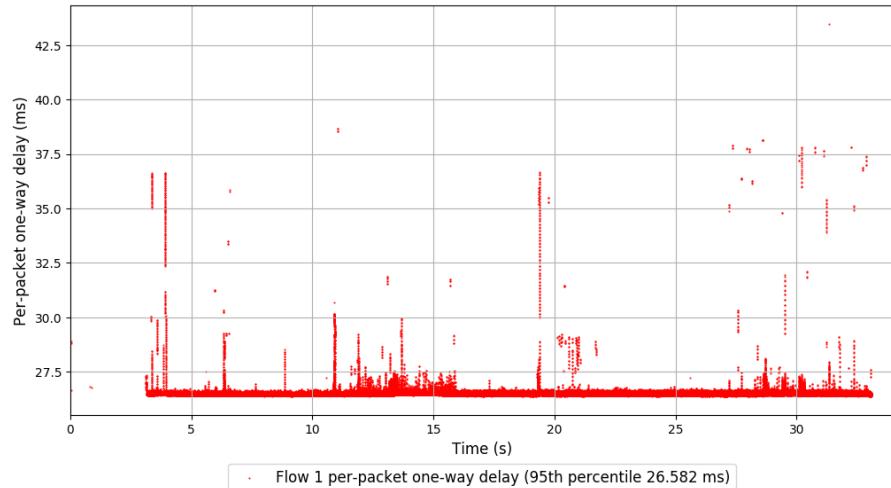
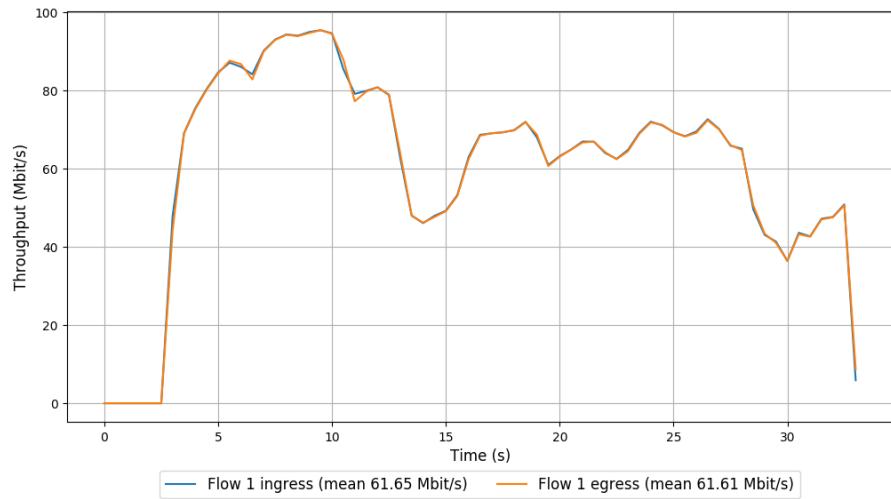


Run 2: Statistics of Copa

```
Start at: Tue, 13 Jun 2017 07:37:52 +0000
End at: Tue, 13 Jun 2017 07:38:22 +0000
Local clock offset: 3.648 ms
Remote clock offset: -3.986 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:10:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 61.61 Mbit/s
95th percentile per-packet one-way delay: 26.582 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 61.61 Mbit/s
95th percentile per-packet one-way delay: 26.582 ms
Loss rate: 0.09%
```

## Run 2: Report of Copa — Data Link

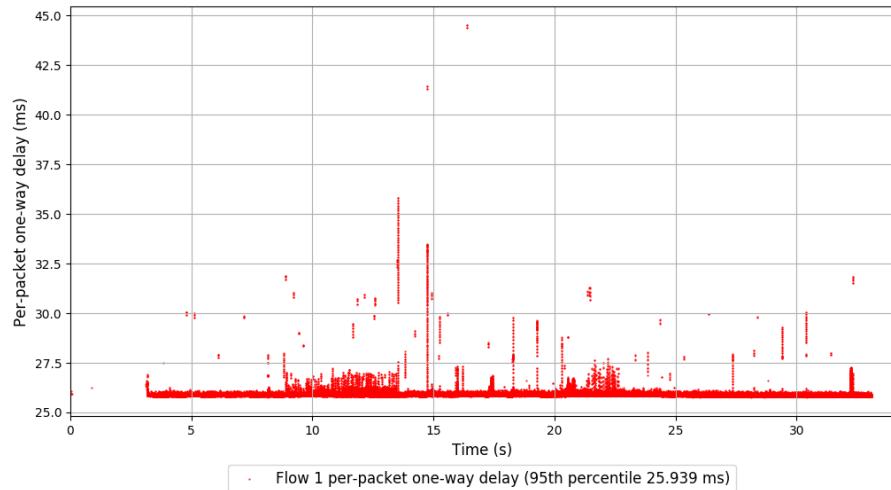
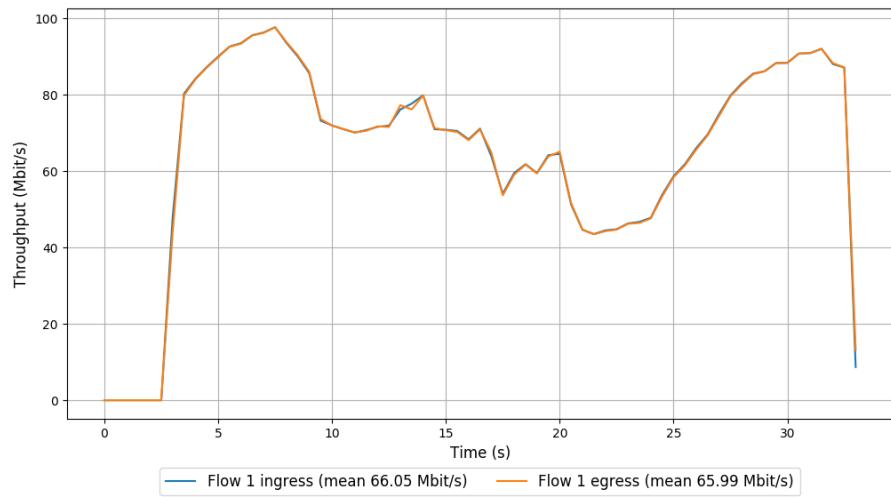


Run 3: Statistics of Copa

```
Start at: Tue, 13 Jun 2017 07:58:54 +0000
End at: Tue, 13 Jun 2017 07:59:24 +0000
Local clock offset: 3.894 ms
Remote clock offset: -3.297 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:10:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 65.99 Mbit/s
95th percentile per-packet one-way delay: 25.939 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 65.99 Mbit/s
95th percentile per-packet one-way delay: 25.939 ms
Loss rate: 0.09%
```

### Run 3: Report of Copa — Data Link

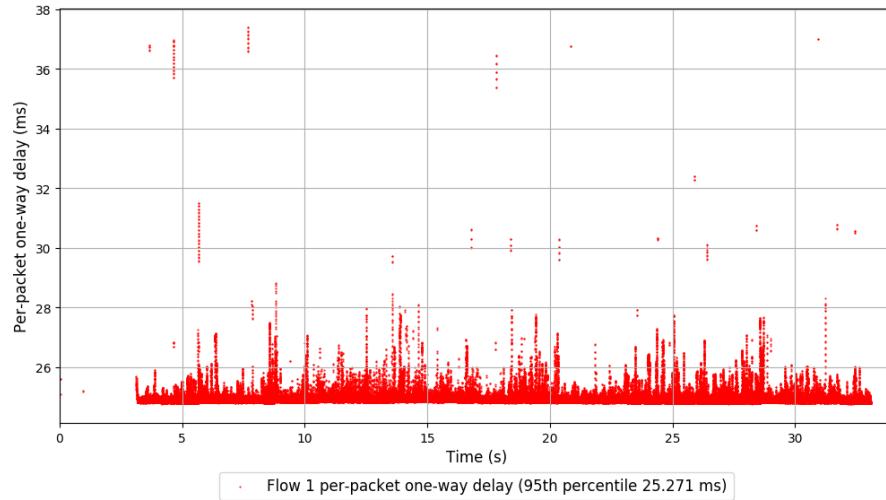
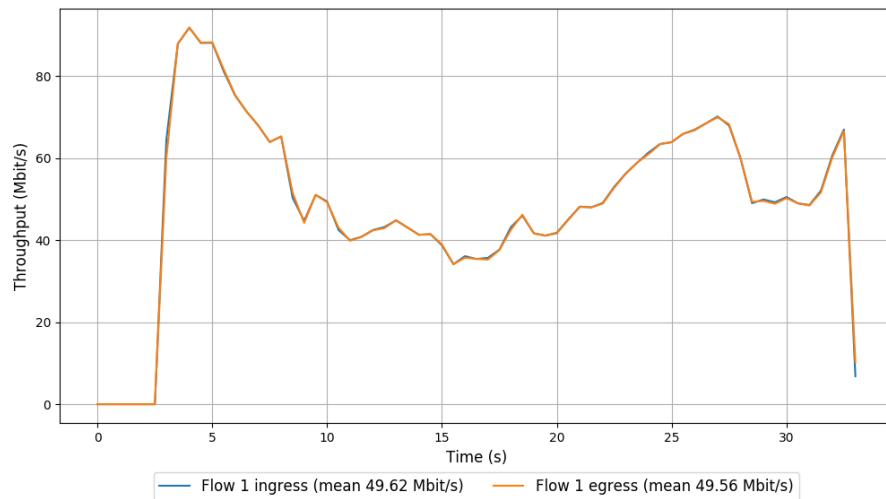


Run 4: Statistics of Copa

```
Start at: Tue, 13 Jun 2017 08:19:54 +0000
End at: Tue, 13 Jun 2017 08:20:24 +0000
Local clock offset: 3.284 ms
Remote clock offset: -2.853 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:11:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 49.56 Mbit/s
95th percentile per-packet one-way delay: 25.271 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 49.56 Mbit/s
95th percentile per-packet one-way delay: 25.271 ms
Loss rate: 0.13%
```

## Run 4: Report of Copa — Data Link

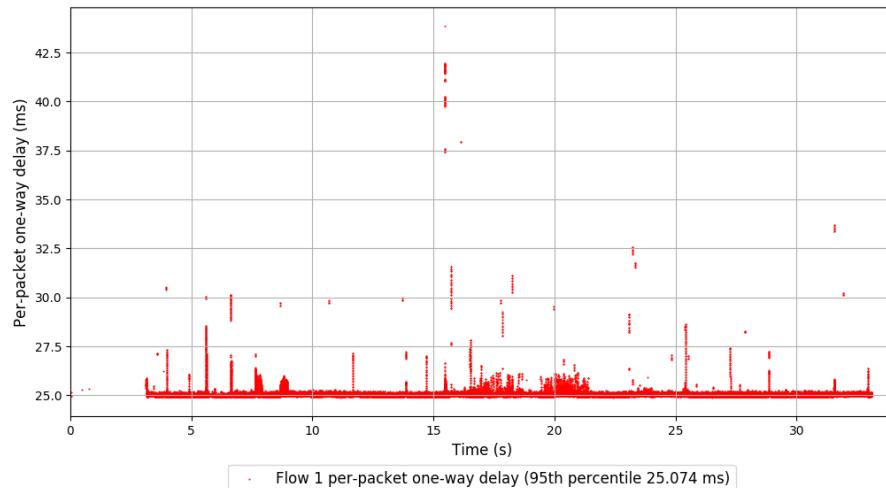
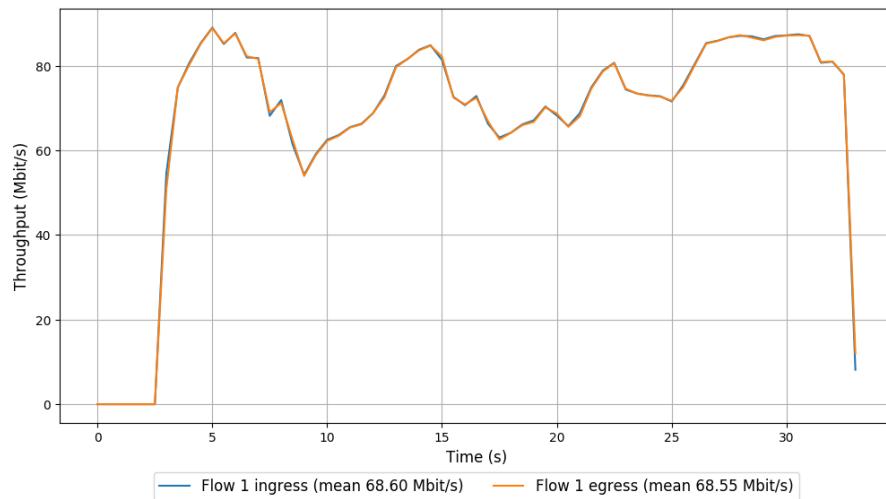


Run 5: Statistics of Copa

```
Start at: Tue, 13 Jun 2017 08:40:47 +0000
End at: Tue, 13 Jun 2017 08:41:17 +0000
Local clock offset: 3.21 ms
Remote clock offset: -3.073 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:11:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 68.55 Mbit/s
95th percentile per-packet one-way delay: 25.074 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 68.55 Mbit/s
95th percentile per-packet one-way delay: 25.074 ms
Loss rate: 0.09%
```

## Run 5: Report of Copa — Data Link

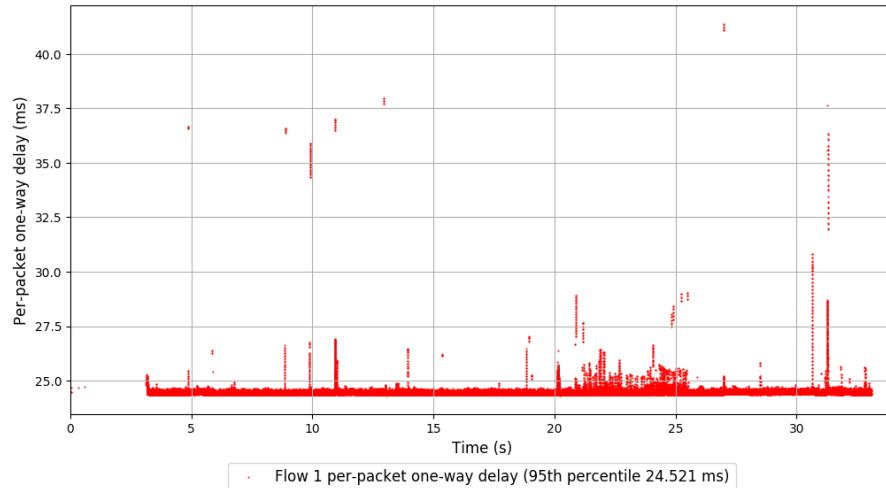
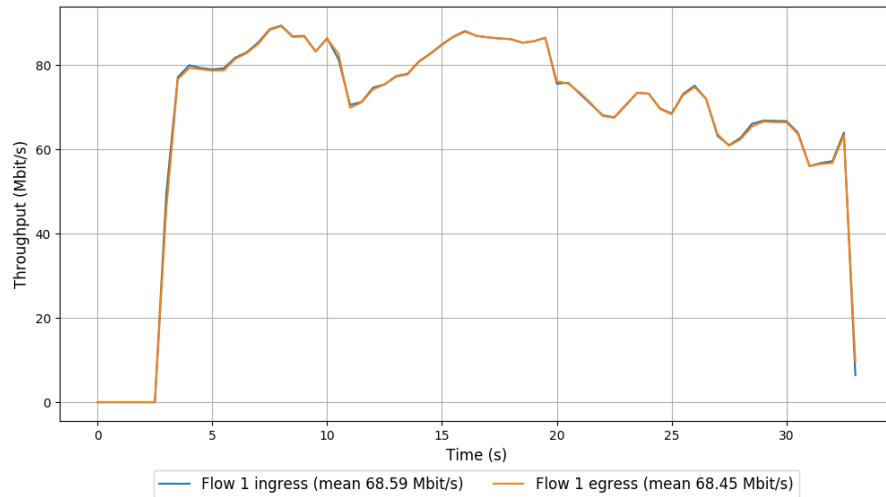


Run 6: Statistics of Copa

```
Start at: Tue, 13 Jun 2017 09:01:42 +0000
End at: Tue, 13 Jun 2017 09:02:12 +0000
Local clock offset: 2.862 ms
Remote clock offset: -2.845 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:11:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 68.45 Mbit/s
95th percentile per-packet one-way delay: 24.521 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 68.45 Mbit/s
95th percentile per-packet one-way delay: 24.521 ms
Loss rate: 0.21%
```

## Run 6: Report of Copa — Data Link

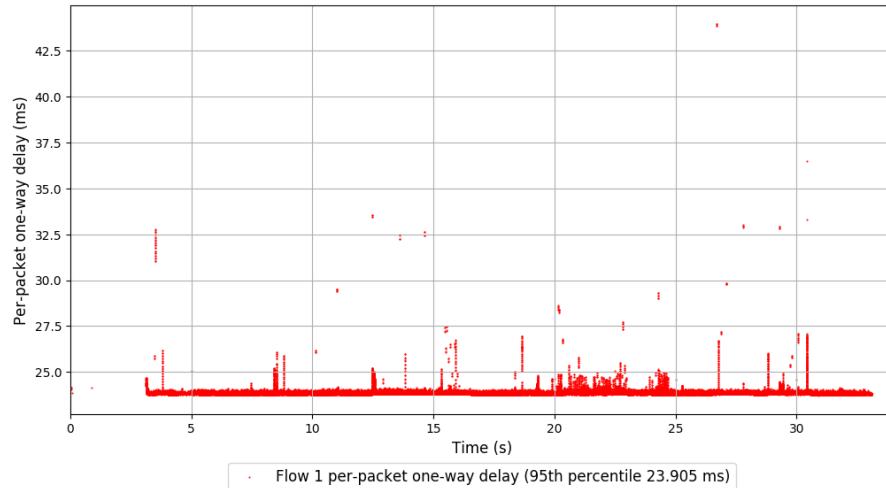
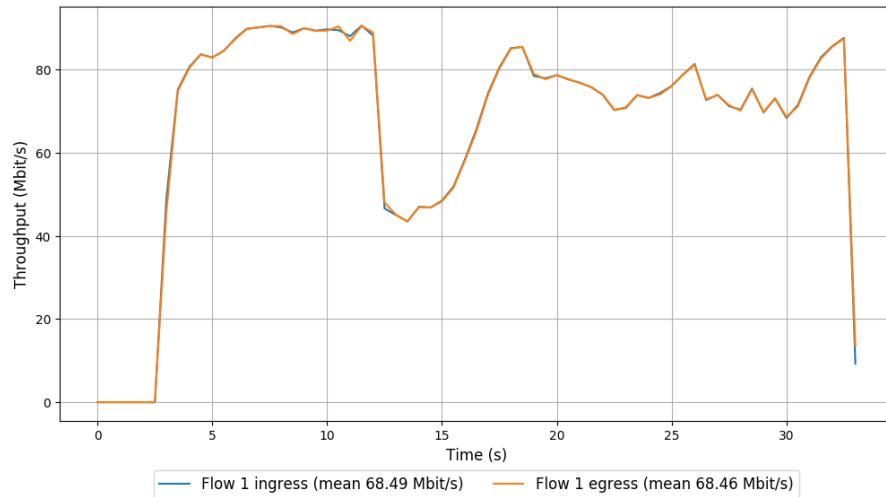


Run 7: Statistics of Copa

```
Start at: Tue, 13 Jun 2017 09:22:43 +0000
End at: Tue, 13 Jun 2017 09:23:13 +0000
Local clock offset: 2.41 ms
Remote clock offset: -2.765 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:11:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 68.46 Mbit/s
95th percentile per-packet one-way delay: 23.905 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 68.46 Mbit/s
95th percentile per-packet one-way delay: 23.905 ms
Loss rate: 0.04%
```

## Run 7: Report of Copa — Data Link

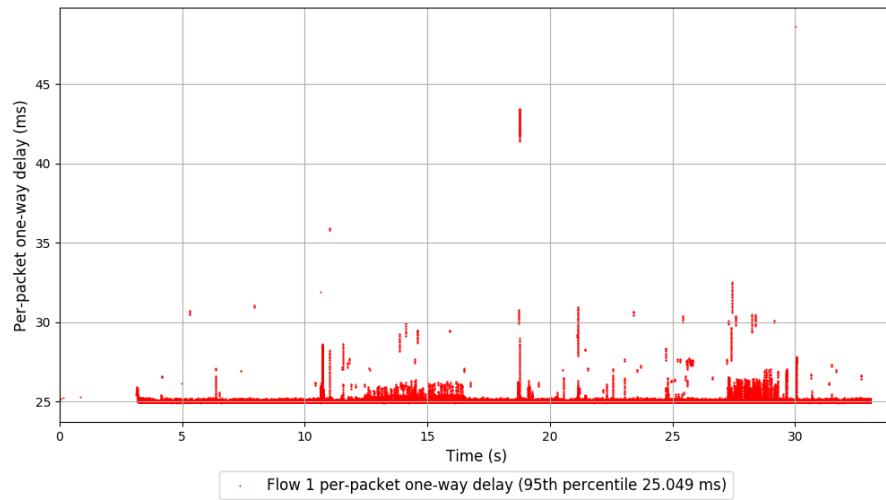
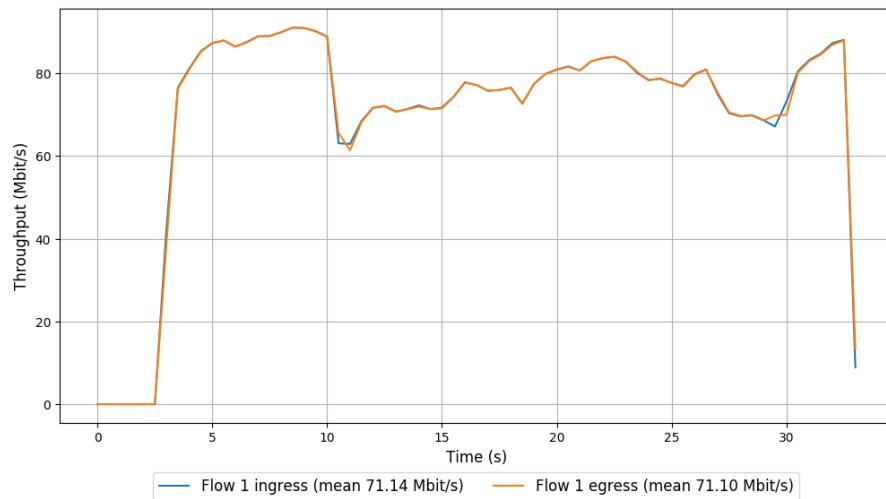


Run 8: Statistics of Copa

```
Start at: Tue, 13 Jun 2017 09:43:52 +0000
End at: Tue, 13 Jun 2017 09:44:22 +0000
Local clock offset: 3.761 ms
Remote clock offset: -2.556 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:11:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.10 Mbit/s
95th percentile per-packet one-way delay: 25.049 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 71.10 Mbit/s
95th percentile per-packet one-way delay: 25.049 ms
Loss rate: 0.05%
```

## Run 8: Report of Copa — Data Link

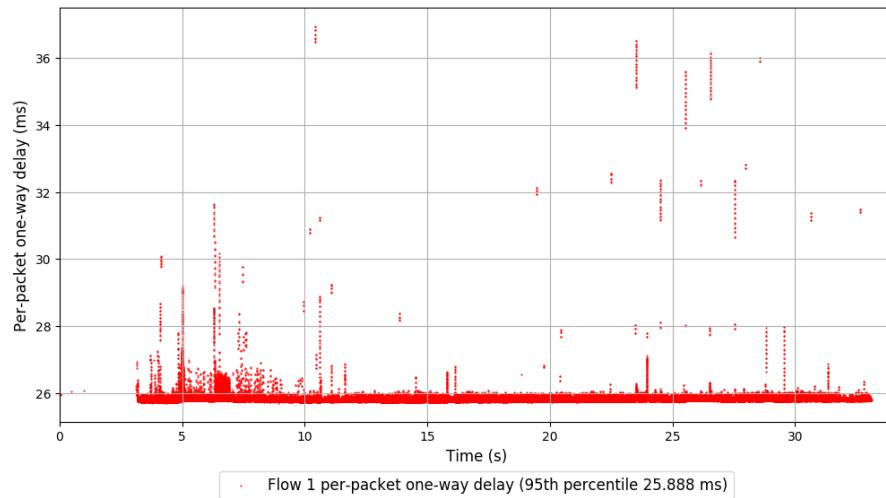
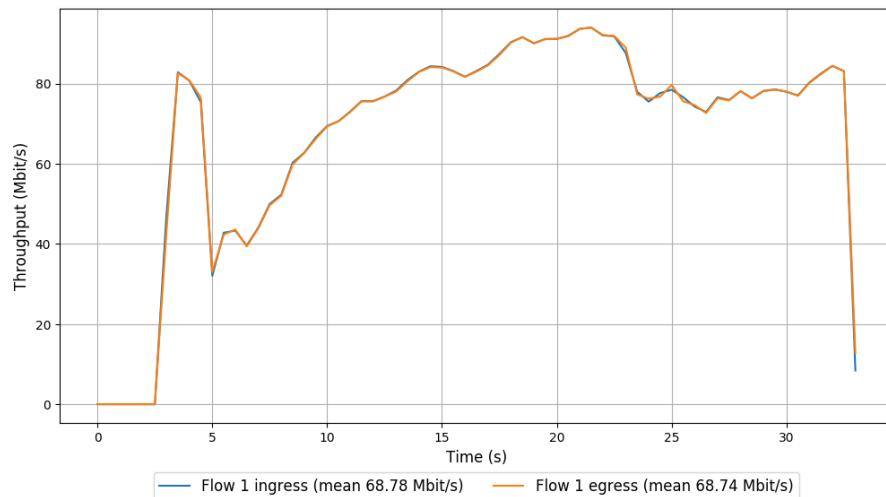


Run 9: Statistics of Copa

```
Start at: Tue, 13 Jun 2017 10:04:59 +0000
End at: Tue, 13 Jun 2017 10:05:30 +0000
Local clock offset: 4.032 ms
Remote clock offset: -2.958 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:11:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 68.74 Mbit/s
95th percentile per-packet one-way delay: 25.888 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 68.74 Mbit/s
95th percentile per-packet one-way delay: 25.888 ms
Loss rate: 0.05%
```

## Run 9: Report of Copa — Data Link

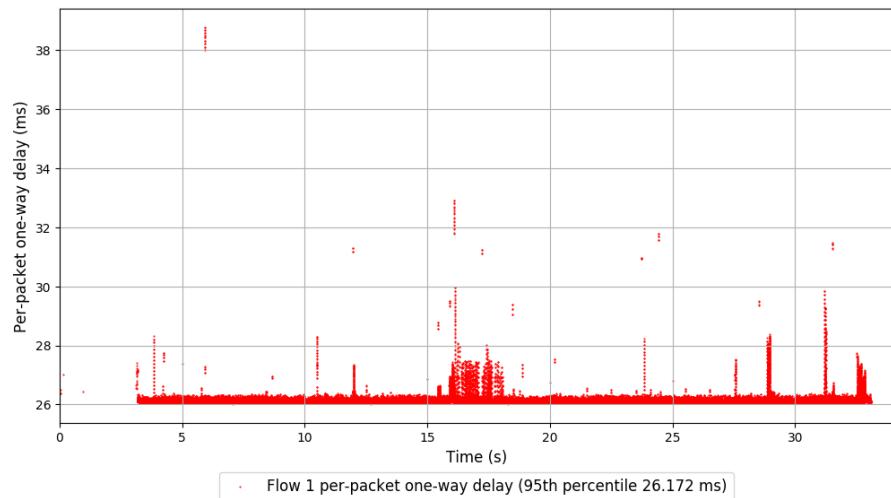
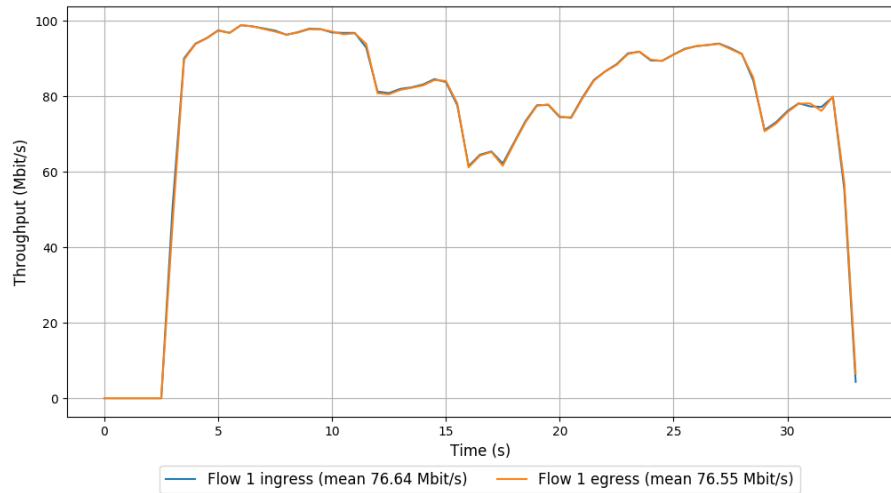


Run 10: Statistics of Copa

```
Start at: Tue, 13 Jun 2017 10:26:05 +0000
End at: Tue, 13 Jun 2017 10:26:35 +0000
Local clock offset: 4.636 ms
Remote clock offset: -2.798 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:12:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.55 Mbit/s
95th percentile per-packet one-way delay: 26.172 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 76.55 Mbit/s
95th percentile per-packet one-way delay: 26.172 ms
Loss rate: 0.11%
```

## Run 10: Report of Copa — Data Link



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

```
Start at: Tue, 13 Jun 2017 07:27:01 +0000
```

```
End at: Tue, 13 Jun 2017 07:27:31 +0000
```

```
Local clock offset: 3.781 ms
```

```
Remote clock offset: -4.064 ms
```

```
# Below is generated by plot.py at Tue, 13 Jun 2017 16:12:13 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 31.17 Mbit/s
```

```
95th percentile per-packet one-way delay: 27.138 ms
```

```
Loss rate: 0.46%
```

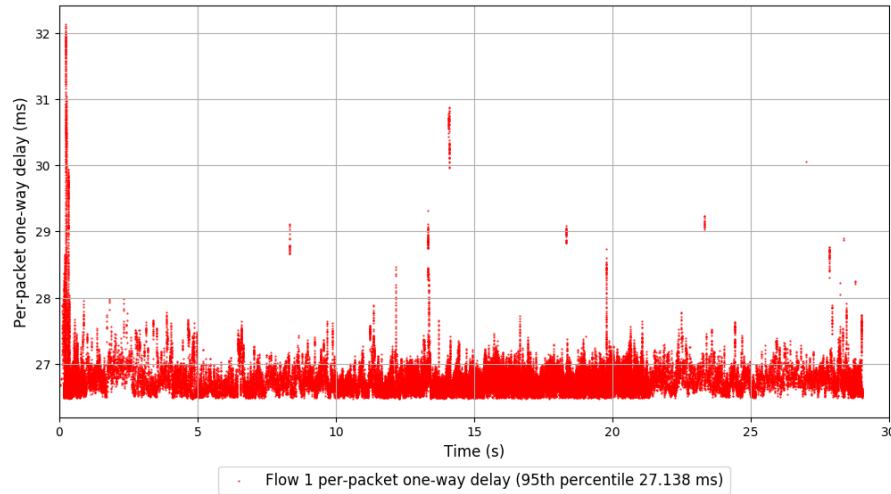
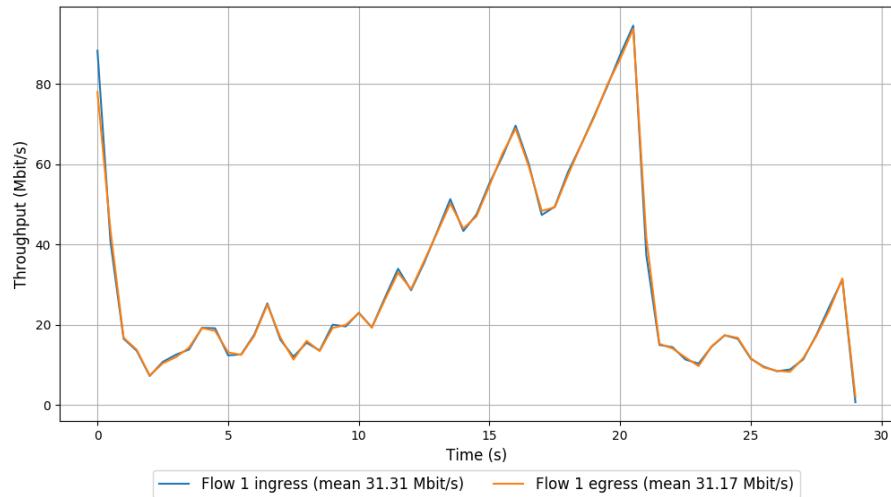
```
-- Flow 1:
```

```
Average throughput: 31.17 Mbit/s
```

```
95th percentile per-packet one-way delay: 27.138 ms
```

```
Loss rate: 0.46%
```

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

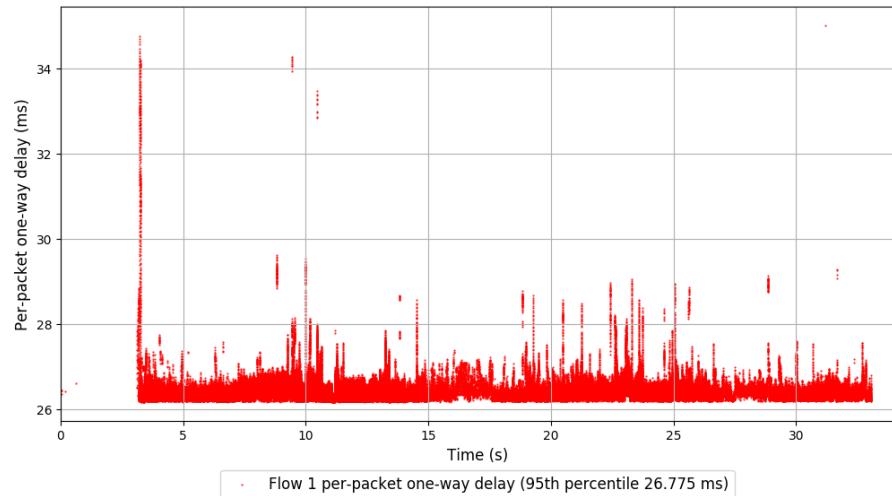
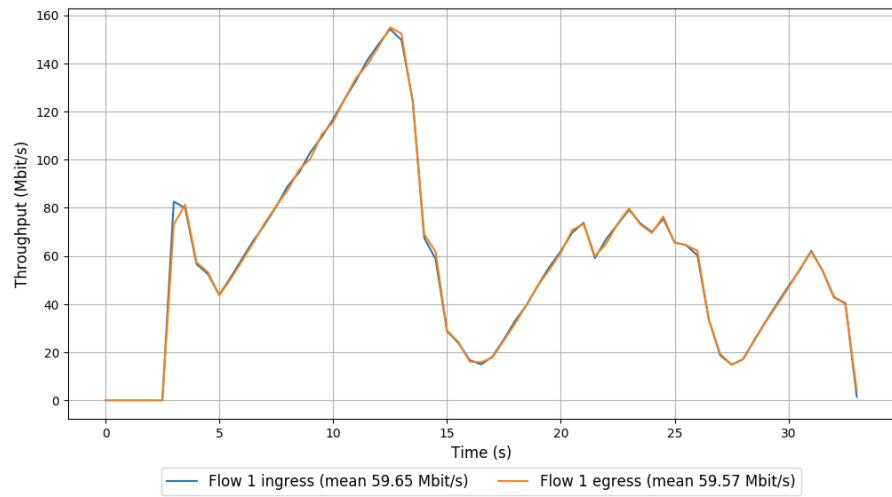


Run 2: Statistics of TCP Cubic

```
Start at: Tue, 13 Jun 2017 07:48:01 +0000
End at: Tue, 13 Jun 2017 07:48:31 +0000
Local clock offset: 3.72 ms
Remote clock offset: -3.641 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:12:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 59.57 Mbit/s
95th percentile per-packet one-way delay: 26.775 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 59.57 Mbit/s
95th percentile per-packet one-way delay: 26.775 ms
Loss rate: 0.15%
```

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

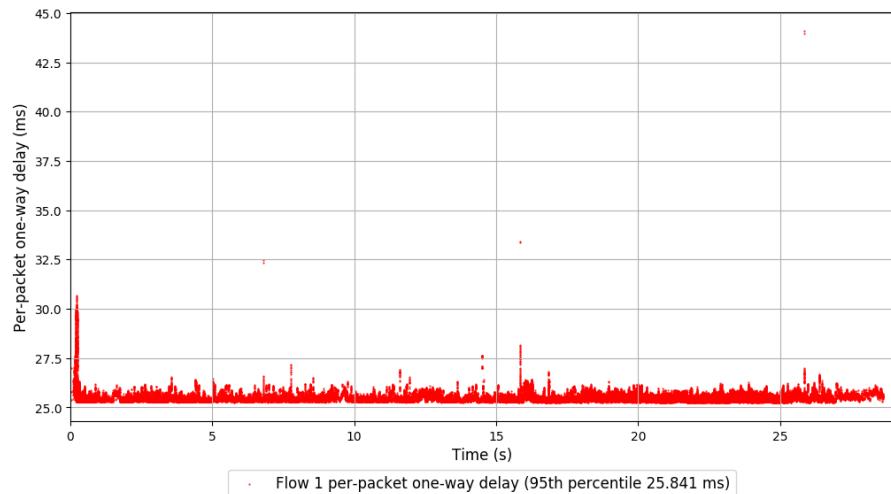
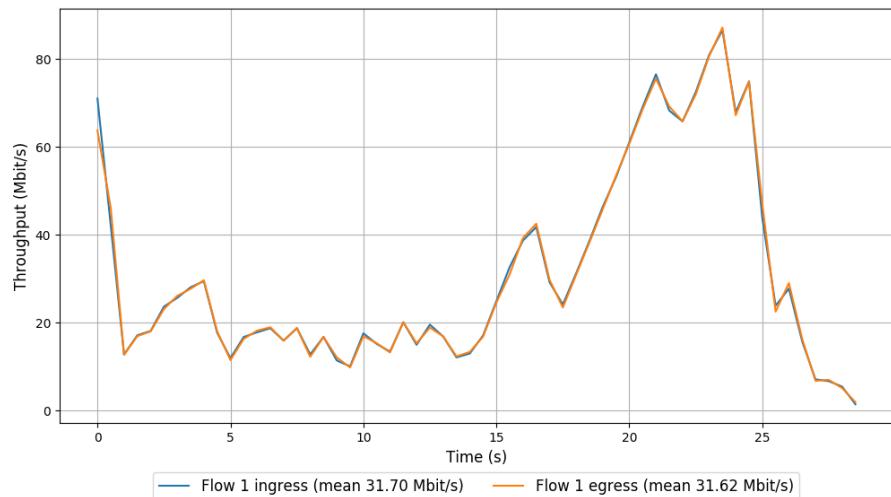


Run 3: Statistics of TCP Cubic

```
Start at: Tue, 13 Jun 2017 08:09:02 +0000
End at: Tue, 13 Jun 2017 08:09:32 +0000
Local clock offset: 3.565 ms
Remote clock offset: -3.008 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:12:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 31.62 Mbit/s
95th percentile per-packet one-way delay: 25.841 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 31.62 Mbit/s
95th percentile per-packet one-way delay: 25.841 ms
Loss rate: 0.25%
```

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

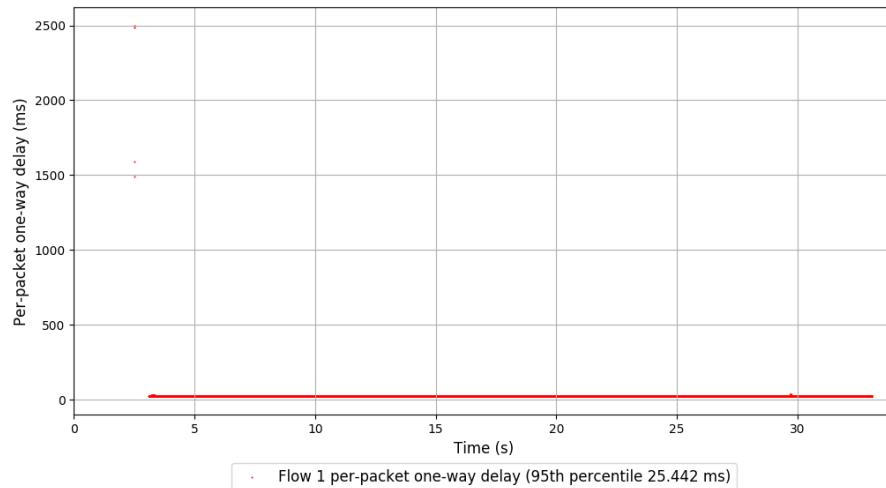
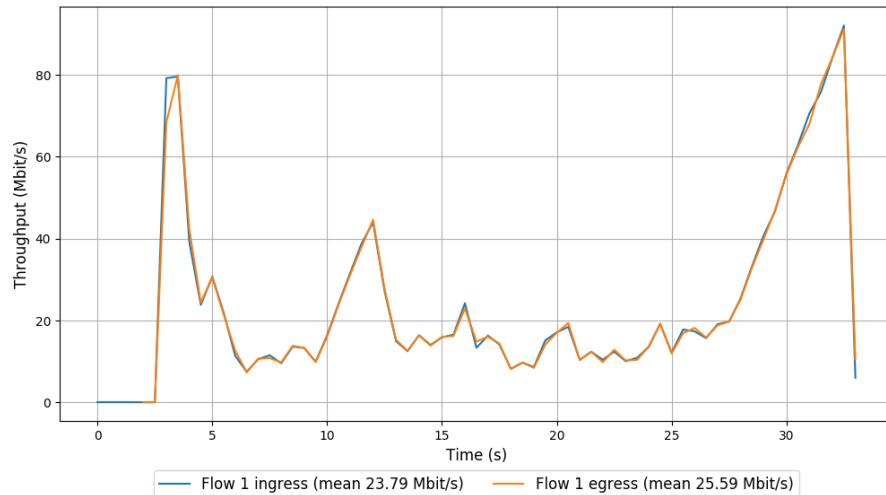


Run 4: Statistics of TCP Cubic

```
Start at: Tue, 13 Jun 2017 08:29:58 +0000
End at: Tue, 13 Jun 2017 08:30:28 +0000
Local clock offset: 2.99 ms
Remote clock offset: -2.974 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:12:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 25.59 Mbit/s
95th percentile per-packet one-way delay: 25.442 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 25.59 Mbit/s
95th percentile per-packet one-way delay: 25.442 ms
Loss rate: 0.49%
```

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

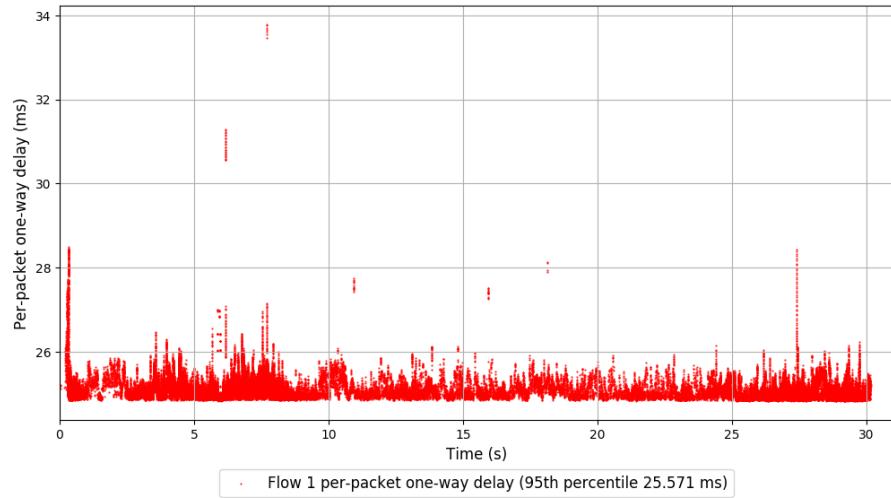
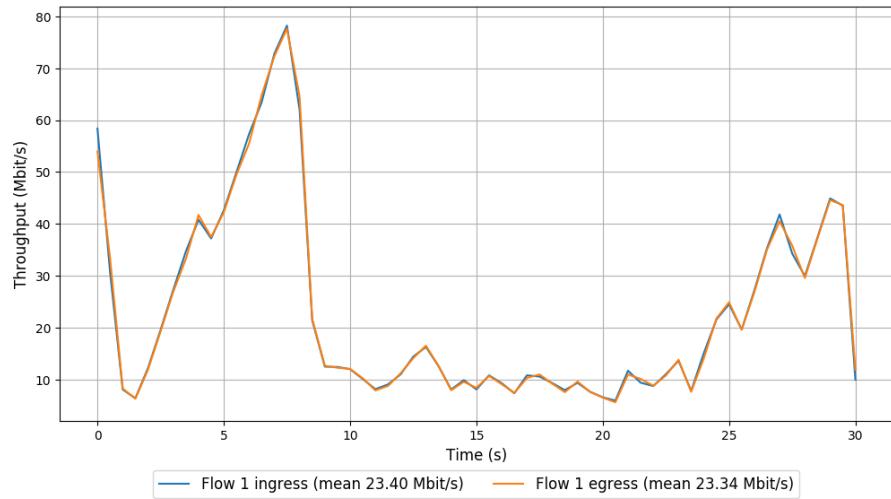


Run 5: Statistics of TCP Cubic

```
Start at: Tue, 13 Jun 2017 08:50:54 +0000
End at: Tue, 13 Jun 2017 08:51:24 +0000
Local clock offset: 3.142 ms
Remote clock offset: -3.08 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:12:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 23.34 Mbit/s
95th percentile per-packet one-way delay: 25.571 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 23.34 Mbit/s
95th percentile per-packet one-way delay: 25.571 ms
Loss rate: 0.25%
```

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

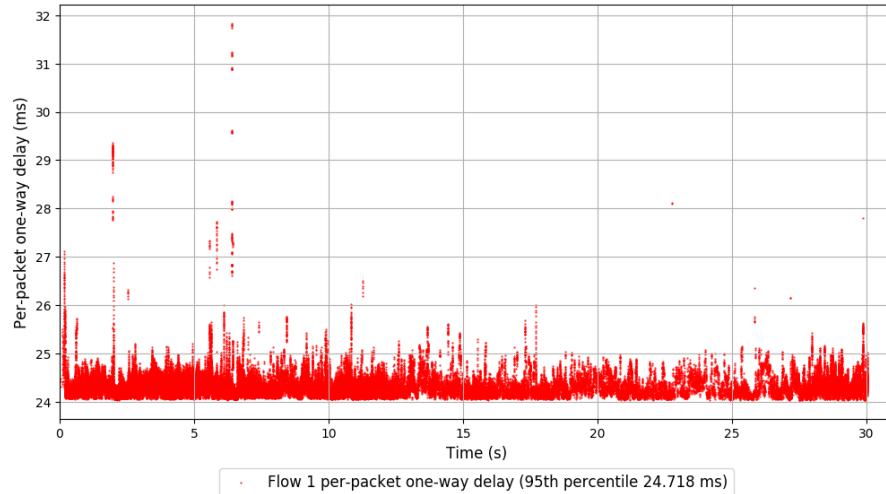
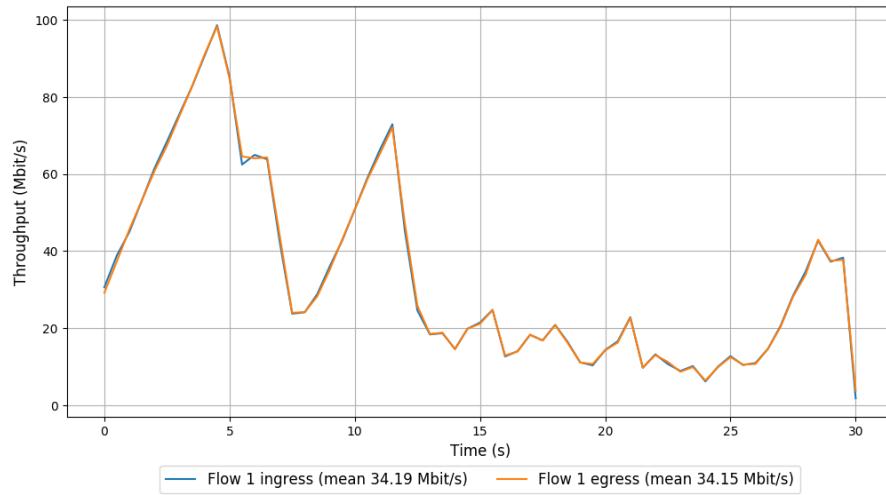


Run 6: Statistics of TCP Cubic

```
Start at: Tue, 13 Jun 2017 09:11:53 +0000
End at: Tue, 13 Jun 2017 09:12:23 +0000
Local clock offset: 2.534 ms
Remote clock offset: -2.806 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:12:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 34.15 Mbit/s
95th percentile per-packet one-way delay: 24.718 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 34.15 Mbit/s
95th percentile per-packet one-way delay: 24.718 ms
Loss rate: 0.11%
```

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



Run 7: Statistics of TCP Cubic

Start at: Tue, 13 Jun 2017 09:32:56 +0000

End at: Tue, 13 Jun 2017 09:33:26 +0000

Local clock offset: 3.597 ms

Remote clock offset: -2.584 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:12:23 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 34.32 Mbit/s

95th percentile per-packet one-way delay: 25.607 ms

Loss rate: 0.12%

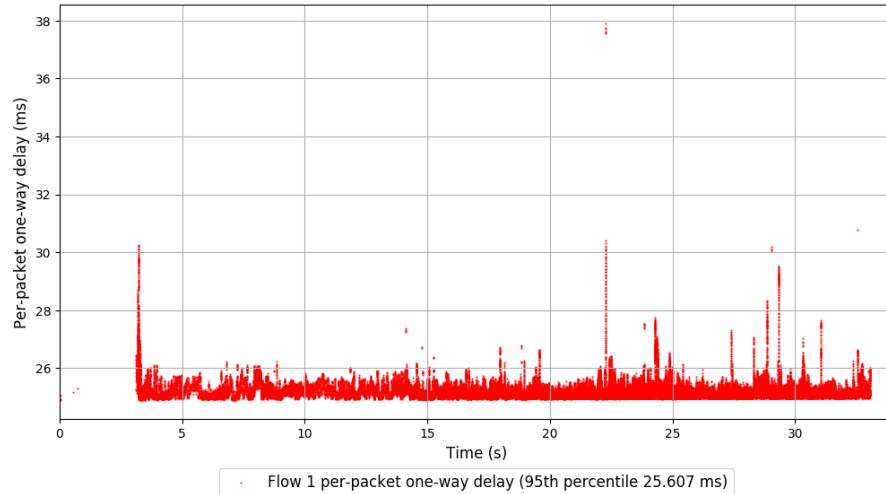
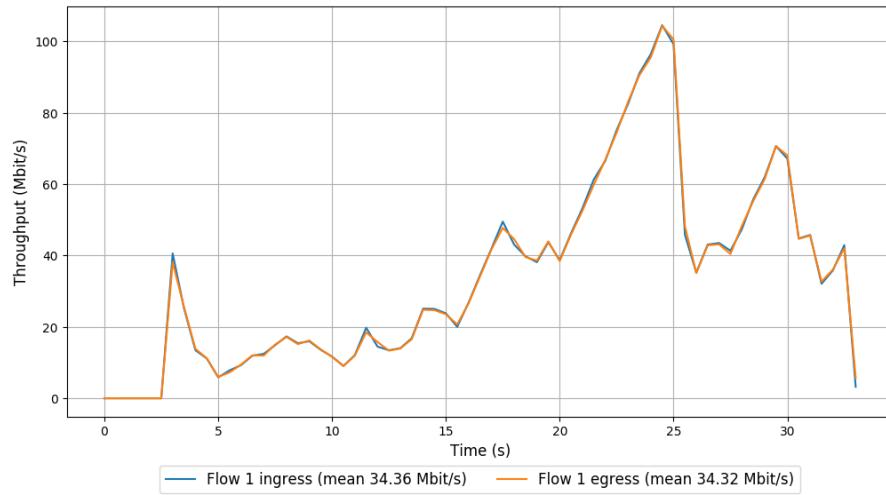
-- Flow 1:

Average throughput: 34.32 Mbit/s

95th percentile per-packet one-way delay: 25.607 ms

Loss rate: 0.12%

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

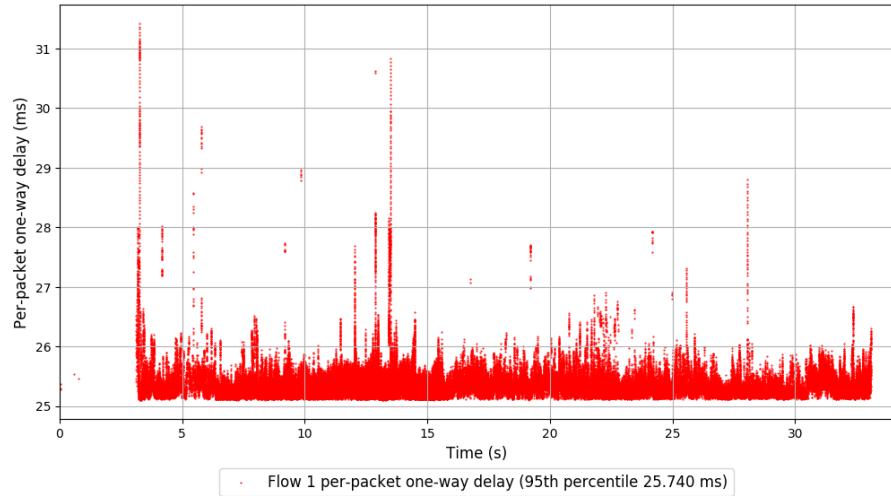
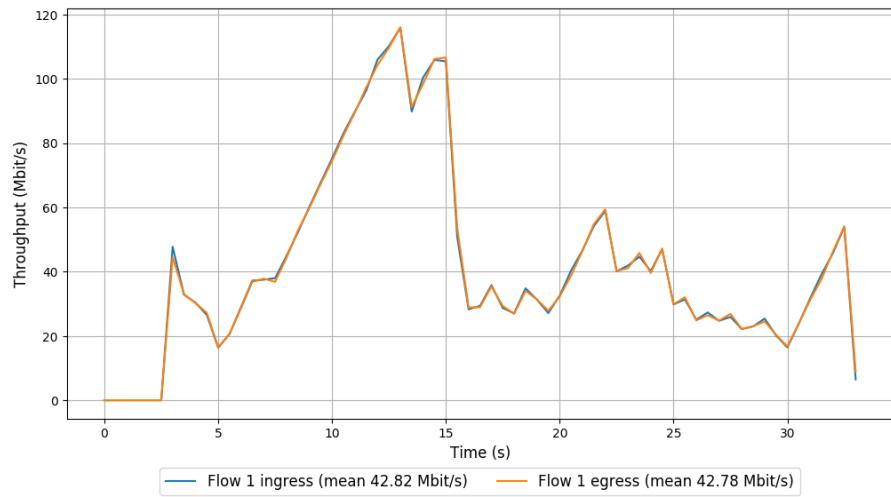


Run 8: Statistics of TCP Cubic

```
Start at: Tue, 13 Jun 2017 09:54:06 +0000
End at: Tue, 13 Jun 2017 09:54:36 +0000
Local clock offset: 3.686 ms
Remote clock offset: -2.749 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:12:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 42.78 Mbit/s
95th percentile per-packet one-way delay: 25.740 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 42.78 Mbit/s
95th percentile per-packet one-way delay: 25.740 ms
Loss rate: 0.11%
```

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

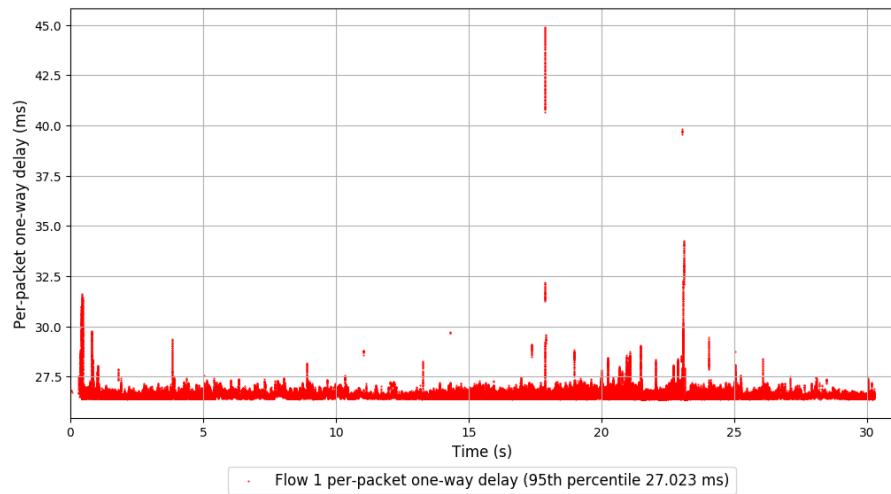
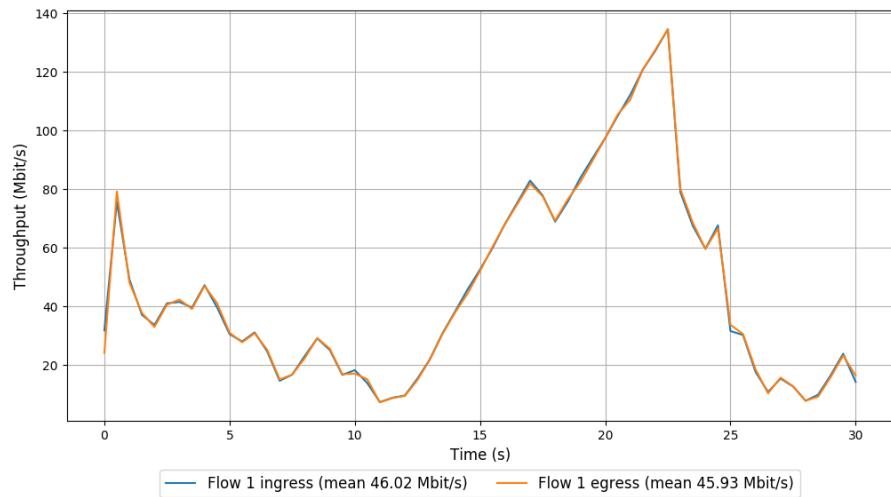


Run 9: Statistics of TCP Cubic

```
Start at: Tue, 13 Jun 2017 10:15:11 +0000
End at: Tue, 13 Jun 2017 10:15:41 +0000
Local clock offset: 4.664 ms
Remote clock offset: -2.933 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:12:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.93 Mbit/s
95th percentile per-packet one-way delay: 27.023 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 45.93 Mbit/s
95th percentile per-packet one-way delay: 27.023 ms
Loss rate: 0.20%
```

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



```
Run 10: Statistics of TCP Cubic
```

```
Start at: Tue, 13 Jun 2017 10:36:21 +0000
```

```
End at: Tue, 13 Jun 2017 10:36:51 +0000
```

```
Local clock offset: 4.731 ms
```

```
Remote clock offset: -2.531 ms
```

```
# Below is generated by plot.py at Tue, 13 Jun 2017 16:12:34 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 40.03 Mbit/s
```

```
95th percentile per-packet one-way delay: 26.697 ms
```

```
Loss rate: 0.18%
```

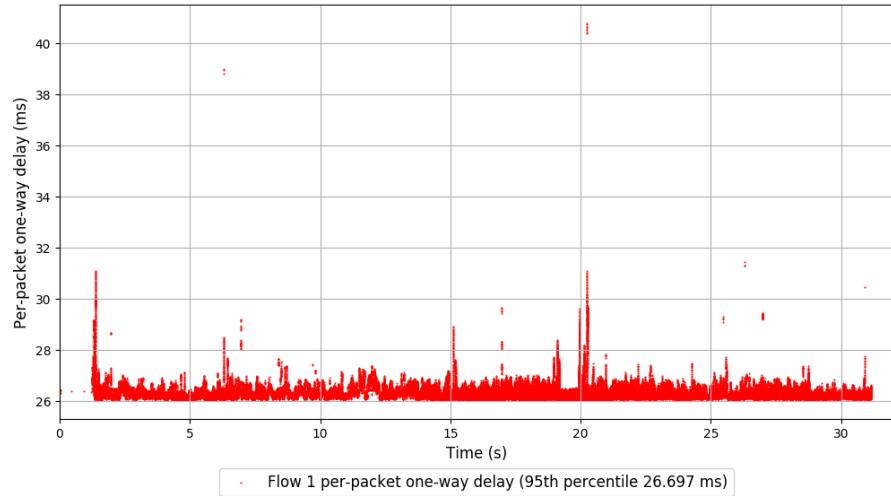
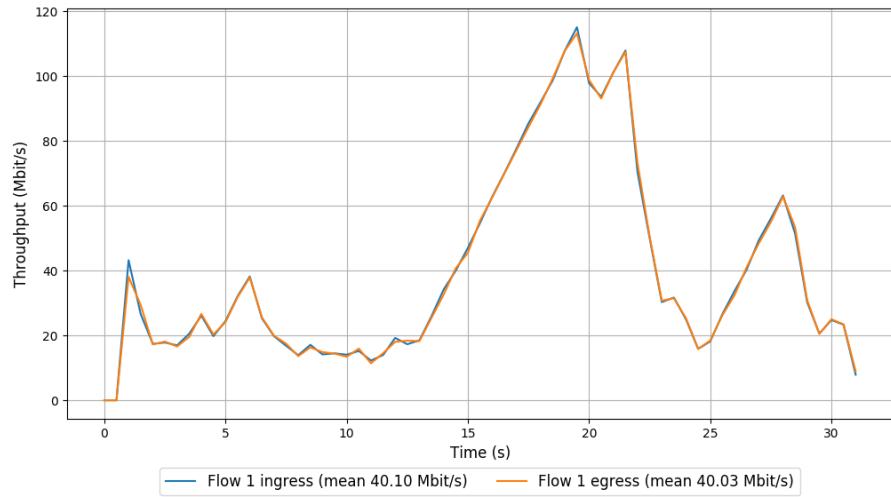
```
-- Flow 1:
```

```
Average throughput: 40.03 Mbit/s
```

```
95th percentile per-packet one-way delay: 26.697 ms
```

```
Loss rate: 0.18%
```

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



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

```
Start at: Tue, 13 Jun 2017 07:25:42 +0000
```

```
End at: Tue, 13 Jun 2017 07:26:13 +0000
```

```
Local clock offset: 3.797 ms
```

```
Remote clock offset: -4.072 ms
```

```
# Below is generated by plot.py at Tue, 13 Jun 2017 16:12:37 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 53.67 Mbit/s
```

```
95th percentile per-packet one-way delay: 27.140 ms
```

```
Loss rate: 0.19%
```

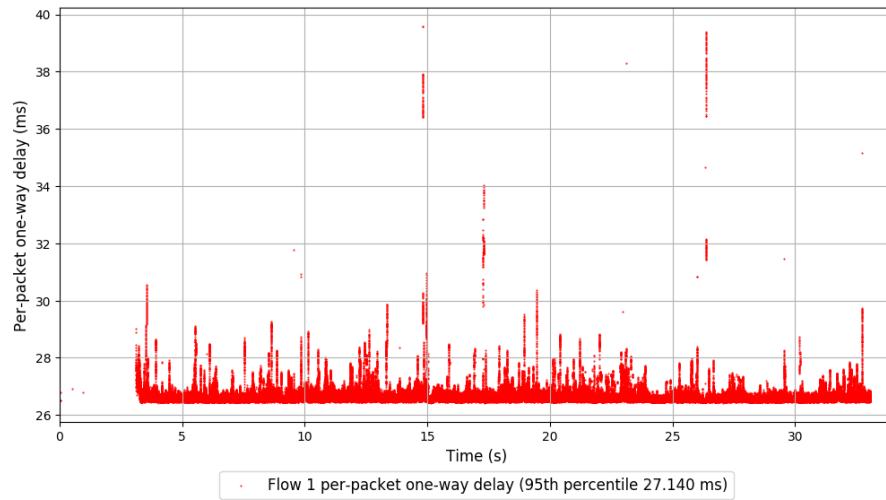
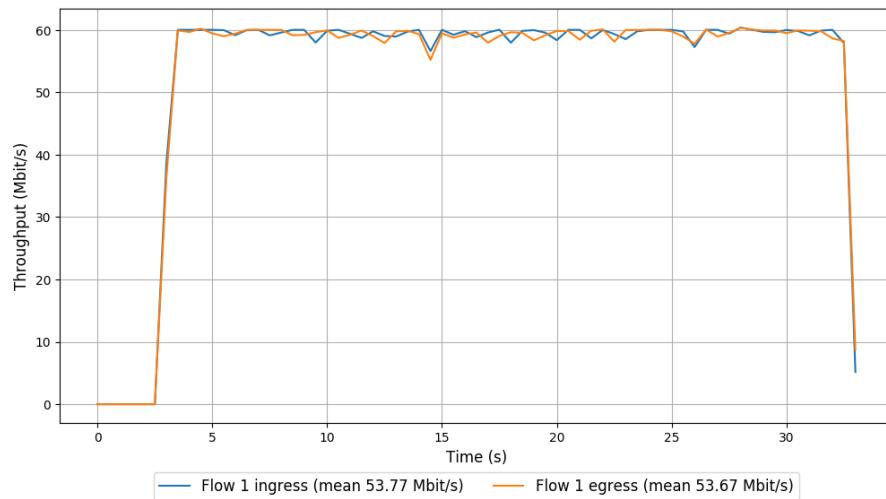
```
-- Flow 1:
```

```
Average throughput: 53.67 Mbit/s
```

```
95th percentile per-packet one-way delay: 27.140 ms
```

```
Loss rate: 0.19%
```

## Run 1: Report of KohoCC — Data Link

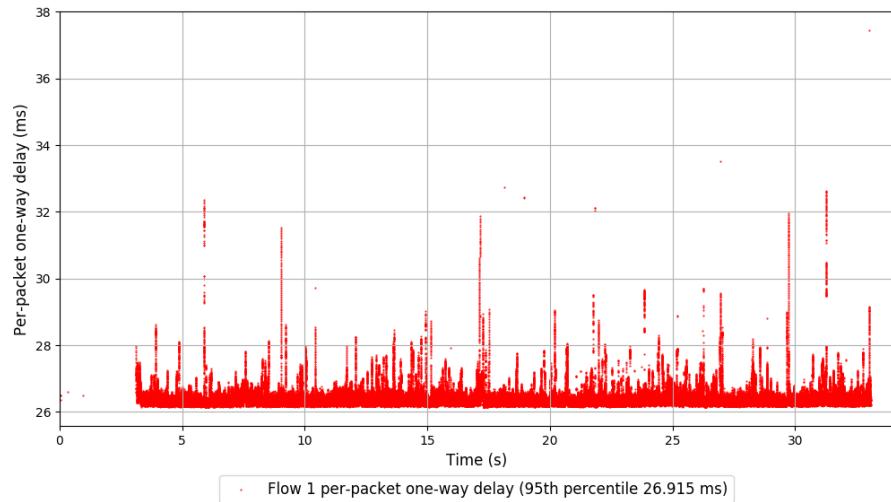
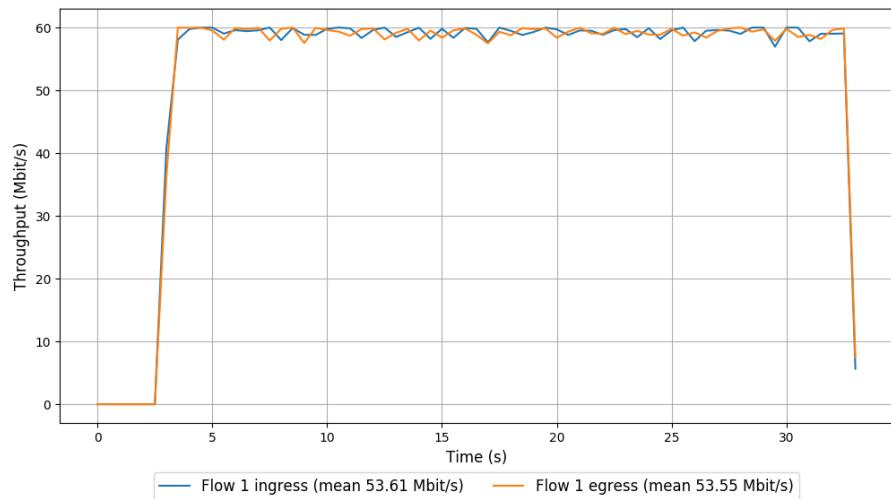


Run 2: Statistics of KohoCC

```
Start at: Tue, 13 Jun 2017 07:46:42 +0000
End at: Tue, 13 Jun 2017 07:47:13 +0000
Local clock offset: 3.694 ms
Remote clock offset: -3.766 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:12:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.55 Mbit/s
95th percentile per-packet one-way delay: 26.915 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 53.55 Mbit/s
95th percentile per-packet one-way delay: 26.915 ms
Loss rate: 0.13%
```

## Run 2: Report of KohoCC — Data Link

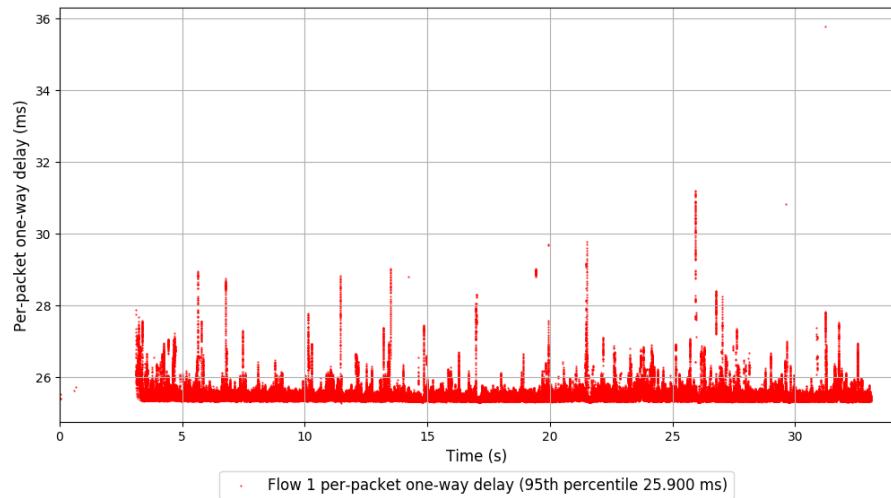
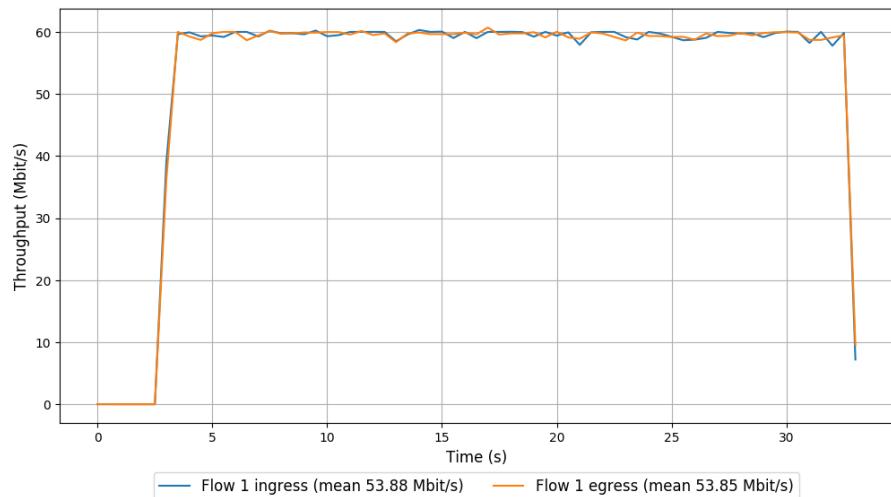


Run 3: Statistics of KohoCC

```
Start at: Tue, 13 Jun 2017 08:07:43 +0000
End at: Tue, 13 Jun 2017 08:08:13 +0000
Local clock offset: 3.696 ms
Remote clock offset: -2.974 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:12:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.85 Mbit/s
95th percentile per-packet one-way delay: 25.900 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 53.85 Mbit/s
95th percentile per-packet one-way delay: 25.900 ms
Loss rate: 0.06%
```

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

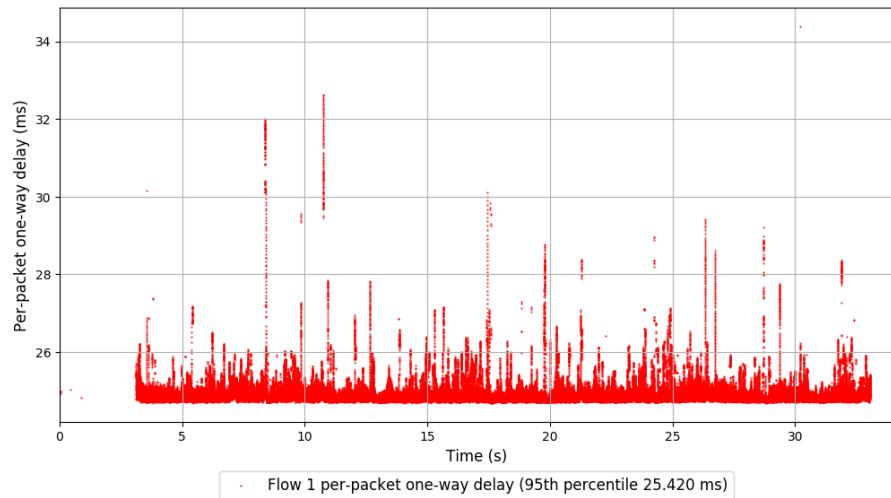
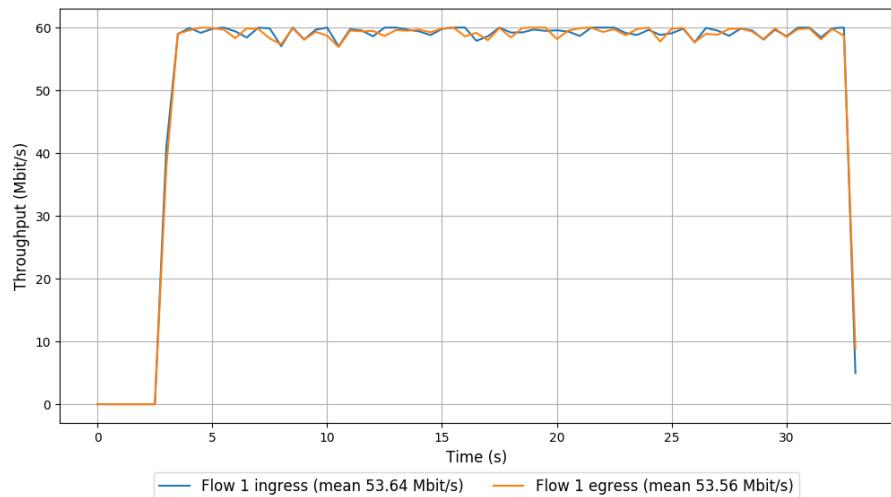


Run 4: Statistics of KohoCC

```
Start at: Tue, 13 Jun 2017 08:28:40 +0000
End at: Tue, 13 Jun 2017 08:29:10 +0000
Local clock offset: 3.117 ms
Remote clock offset: -2.854 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:12:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.56 Mbit/s
95th percentile per-packet one-way delay: 25.420 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 53.56 Mbit/s
95th percentile per-packet one-way delay: 25.420 ms
Loss rate: 0.15%
```

## Run 4: Report of KohoCC — Data Link

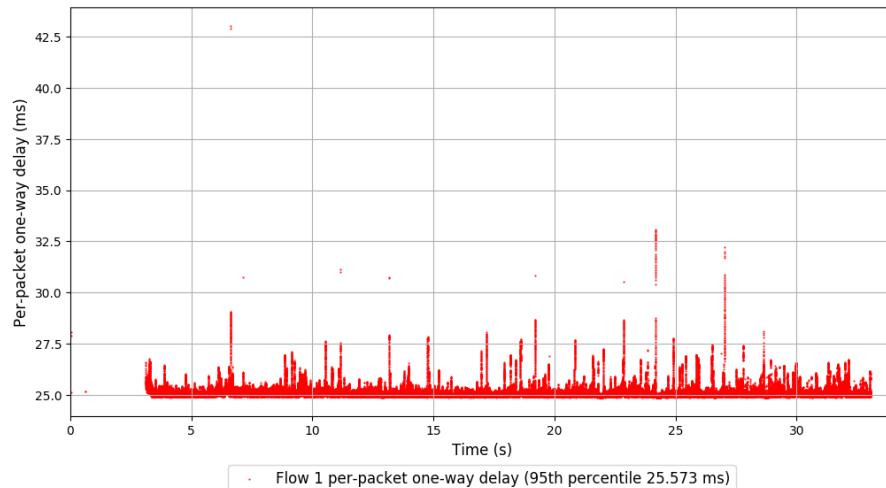
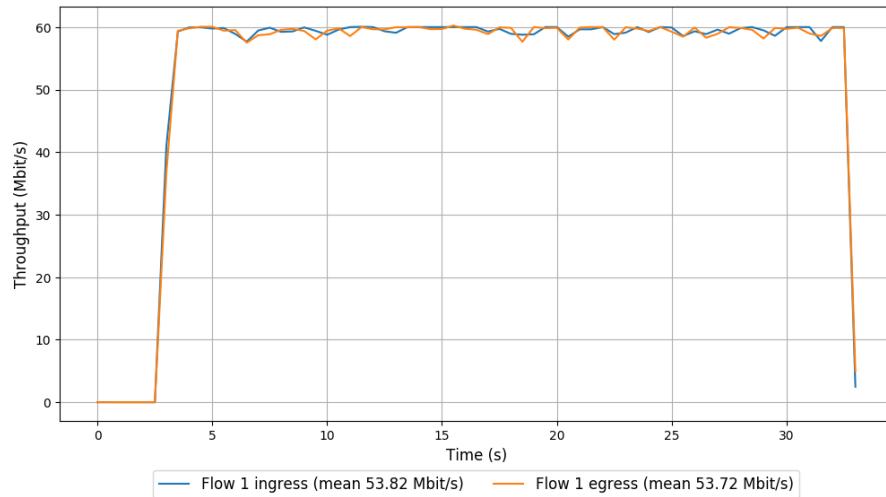


Run 5: Statistics of KohoCC

```
Start at: Tue, 13 Jun 2017 08:49:36 +0000
End at: Tue, 13 Jun 2017 08:50:06 +0000
Local clock offset: 3.163 ms
Remote clock offset: -3.07 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:12:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.72 Mbit/s
95th percentile per-packet one-way delay: 25.573 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 53.72 Mbit/s
95th percentile per-packet one-way delay: 25.573 ms
Loss rate: 0.18%
```

## Run 5: Report of KohoCC — Data Link

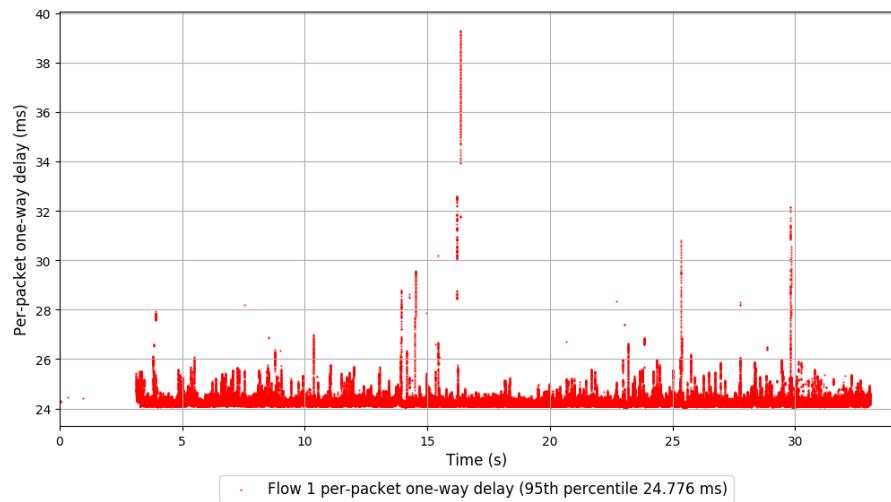
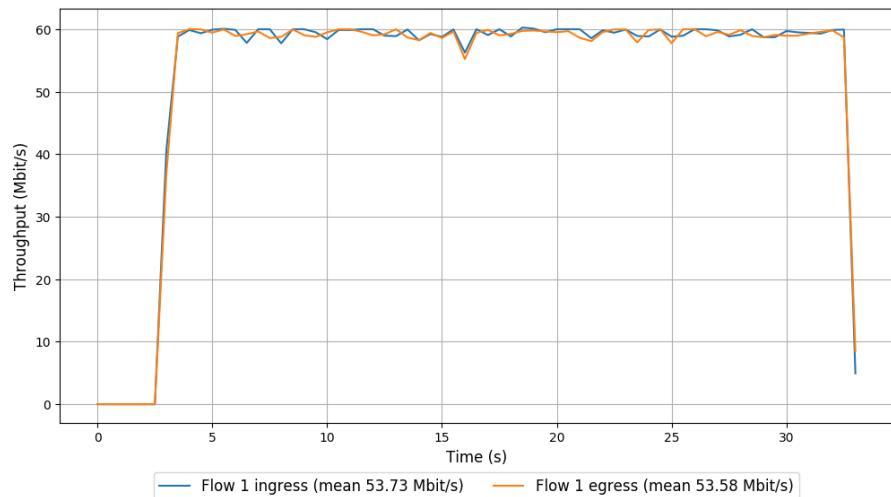


Run 6: Statistics of KohoCC

```
Start at: Tue, 13 Jun 2017 09:10:34 +0000
End at: Tue, 13 Jun 2017 09:11:04 +0000
Local clock offset: 2.687 ms
Remote clock offset: -2.85 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:12:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.58 Mbit/s
95th percentile per-packet one-way delay: 24.776 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 53.58 Mbit/s
95th percentile per-packet one-way delay: 24.776 ms
Loss rate: 0.28%
```

## Run 6: Report of KohoCC — Data Link



Run 7: Statistics of KohoCC

Start at: Tue, 13 Jun 2017 09:31:37 +0000

End at: Tue, 13 Jun 2017 09:32:07 +0000

Local clock offset: 3.288 ms

Remote clock offset: -2.61 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:13:03 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 53.76 Mbit/s

95th percentile per-packet one-way delay: 25.454 ms

Loss rate: 0.09%

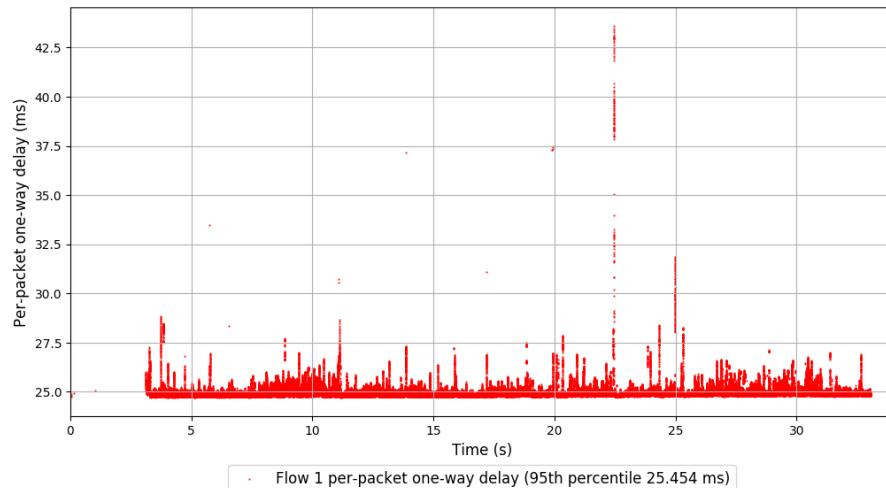
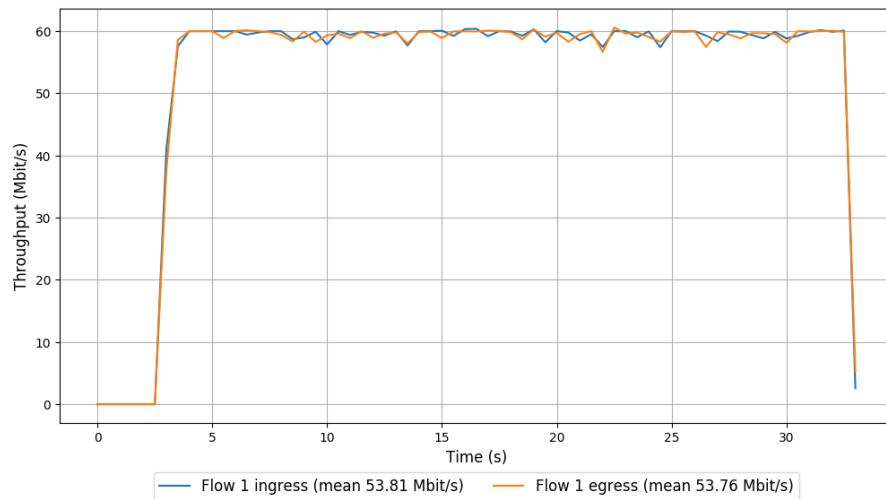
-- Flow 1:

Average throughput: 53.76 Mbit/s

95th percentile per-packet one-way delay: 25.454 ms

Loss rate: 0.09%

## Run 7: Report of KohoCC — Data Link

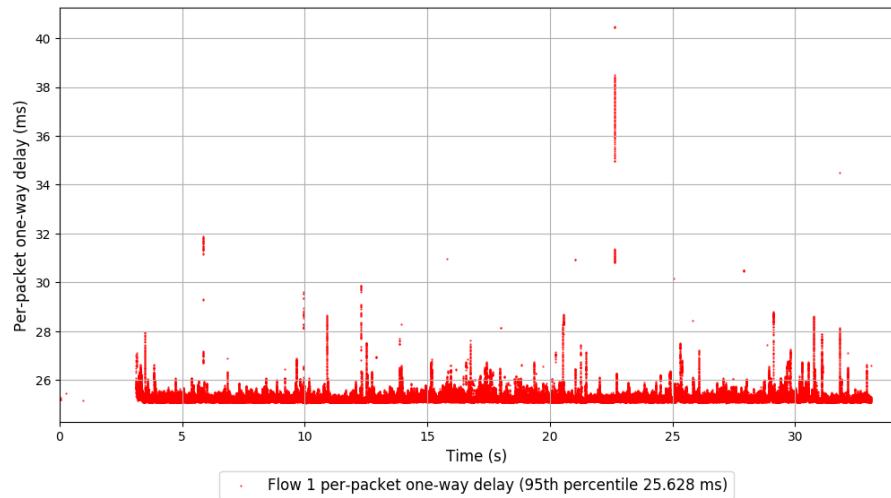
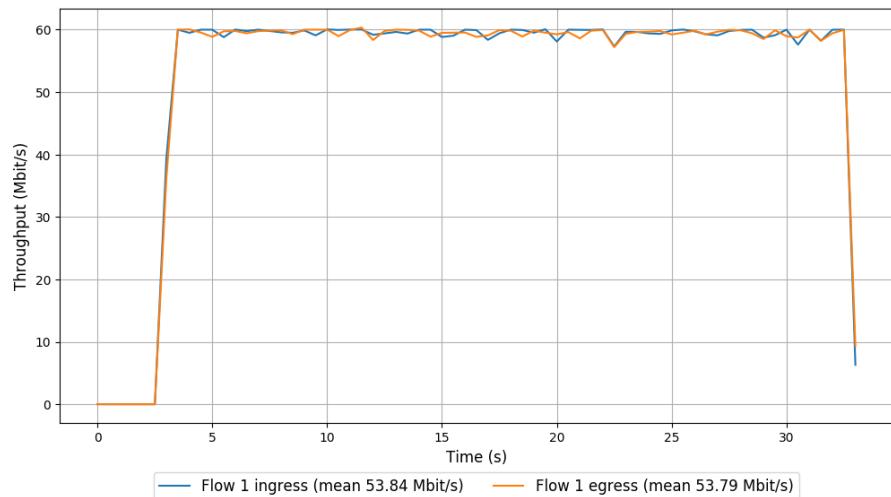


Run 8: Statistics of KohoCC

```
Start at: Tue, 13 Jun 2017 09:52:47 +0000
End at: Tue, 13 Jun 2017 09:53:17 +0000
Local clock offset: 3.618 ms
Remote clock offset: -2.729 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:13:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.79 Mbit/s
95th percentile per-packet one-way delay: 25.628 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 53.79 Mbit/s
95th percentile per-packet one-way delay: 25.628 ms
Loss rate: 0.09%
```

## Run 8: Report of KohoCC — Data Link

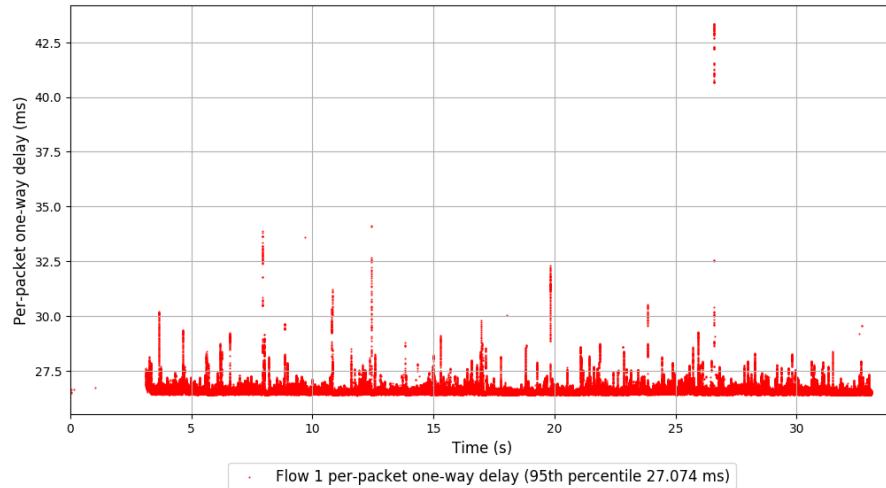
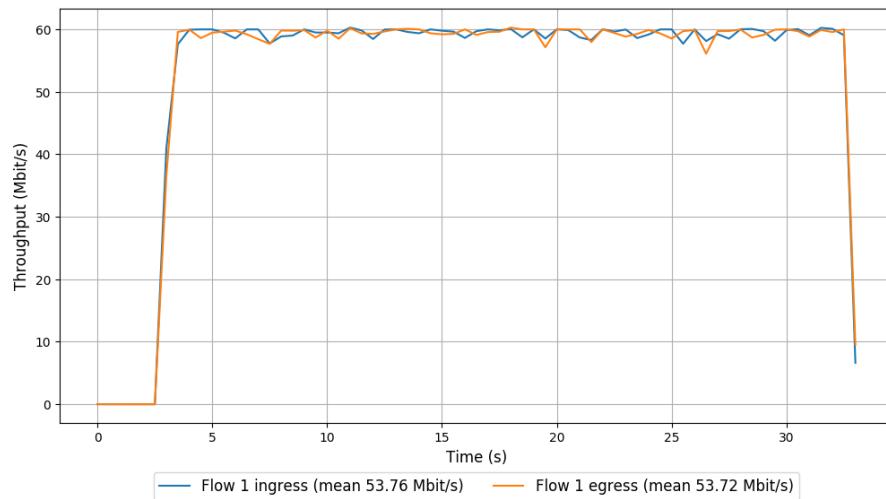


Run 9: Statistics of KohoCC

```
Start at: Tue, 13 Jun 2017 10:13:52 +0000
End at: Tue, 13 Jun 2017 10:14:22 +0000
Local clock offset: 4.766 ms
Remote clock offset: -2.949 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:13:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.72 Mbit/s
95th percentile per-packet one-way delay: 27.074 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 53.72 Mbit/s
95th percentile per-packet one-way delay: 27.074 ms
Loss rate: 0.07%
```

## Run 9: Report of KohoCC — Data Link

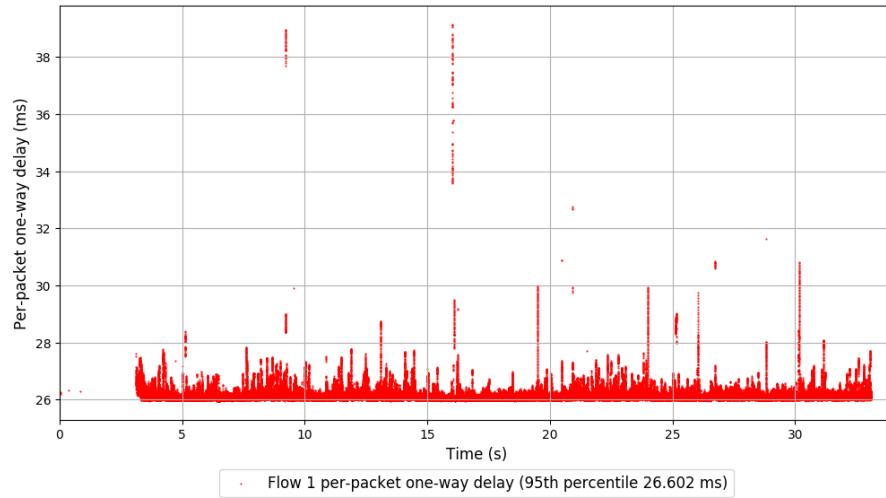
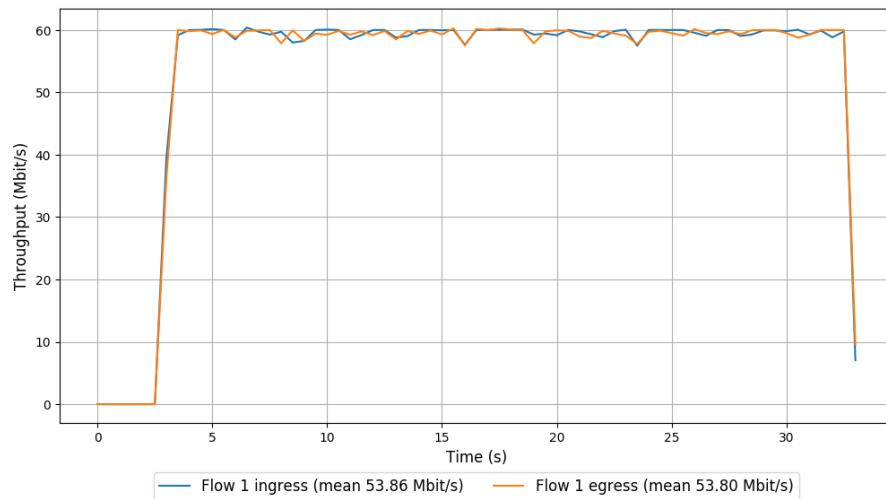


Run 10: Statistics of KohoCC

```
Start at: Tue, 13 Jun 2017 10:35:02 +0000
End at: Tue, 13 Jun 2017 10:35:32 +0000
Local clock offset: 4.652 ms
Remote clock offset: -2.614 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:13:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.80 Mbit/s
95th percentile per-packet one-way delay: 26.602 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 53.80 Mbit/s
95th percentile per-packet one-way delay: 26.602 ms
Loss rate: 0.12%
```

## Run 10: Report of KohoCC — Data Link

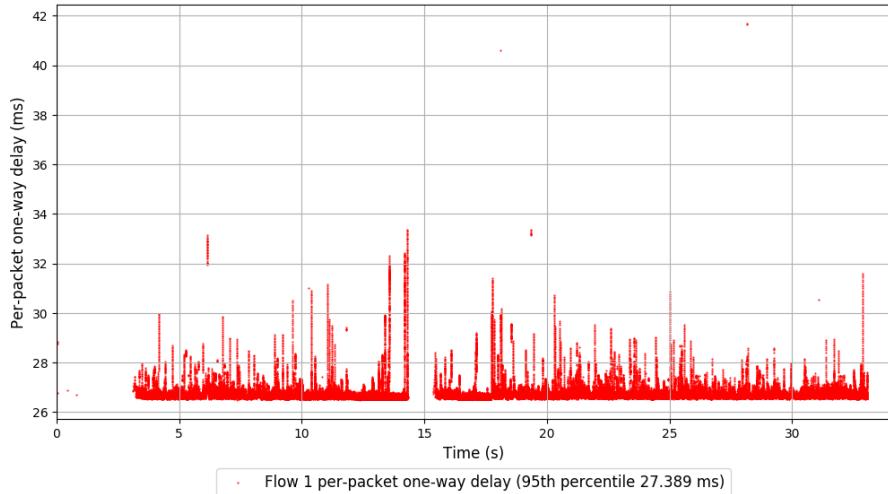
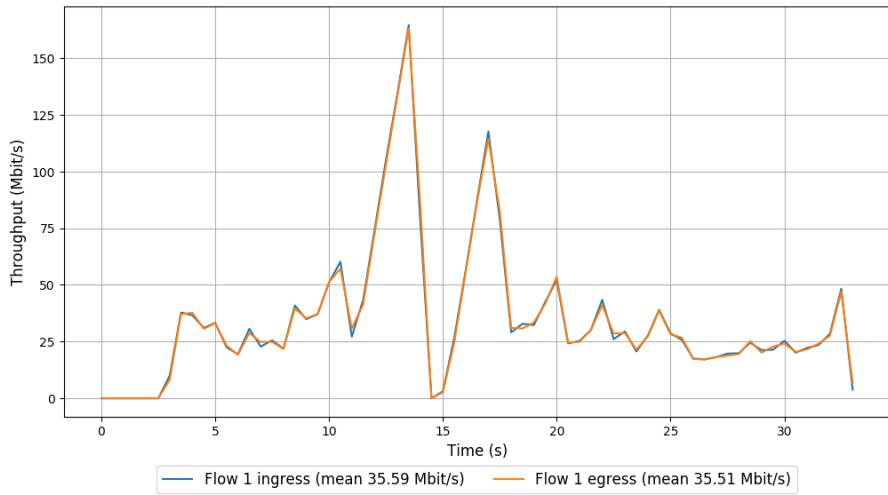


```
Run 1: Statistics of LEDBAT
```

```
Start at: Tue, 13 Jun 2017 07:32:41 +0000
End at: Tue, 13 Jun 2017 07:33:11 +0000
Local clock offset: 3.705 ms
Remote clock offset: -4.062 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:13:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 35.51 Mbit/s
95th percentile per-packet one-way delay: 27.389 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 35.51 Mbit/s
95th percentile per-packet one-way delay: 27.389 ms
Loss rate: 0.24%
```

Run 1: Report of LEDBAT — Data Link

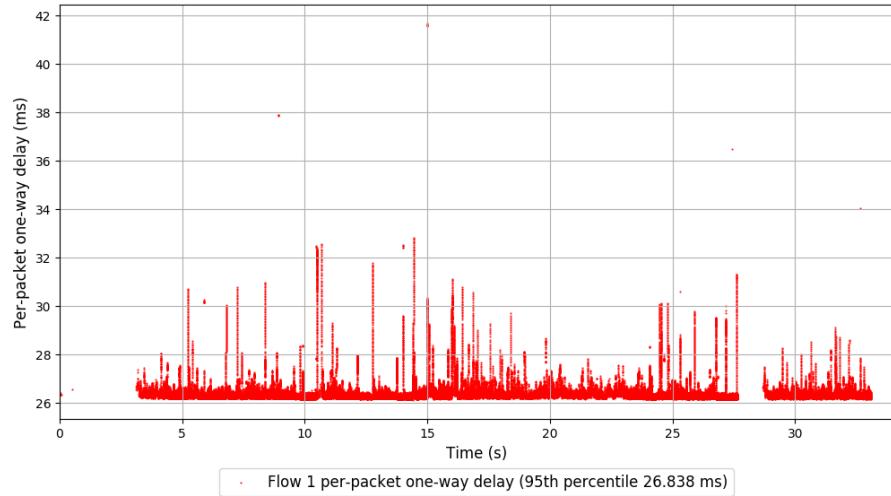
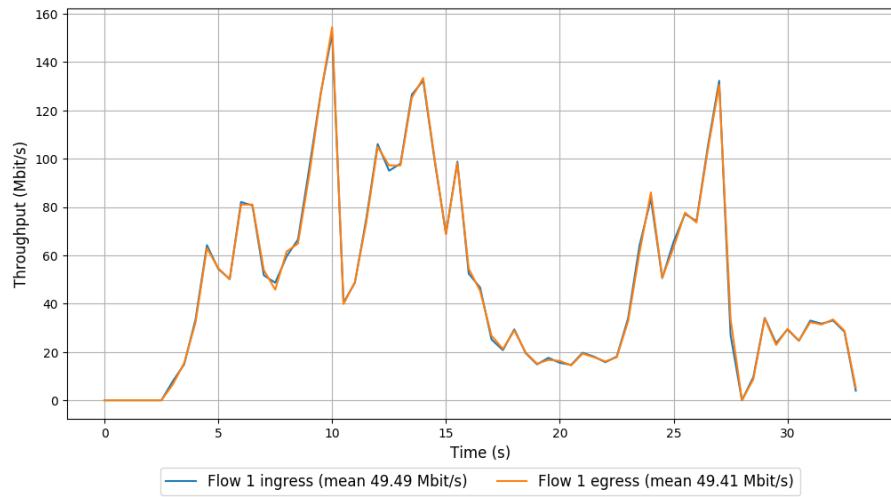


Run 2: Statistics of LEDBAT

```
Start at: Tue, 13 Jun 2017 07:53:44 +0000
End at: Tue, 13 Jun 2017 07:54:14 +0000
Local clock offset: 4.039 ms
Remote clock offset: -3.519 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:13:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 49.41 Mbit/s
95th percentile per-packet one-way delay: 26.838 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 49.41 Mbit/s
95th percentile per-packet one-way delay: 26.838 ms
Loss rate: 0.16%
```

## Run 2: Report of LEDBAT — Data Link

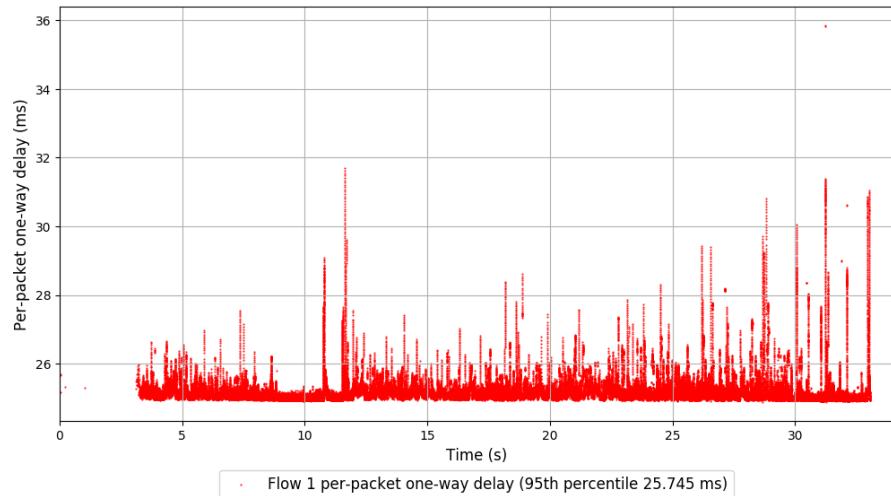
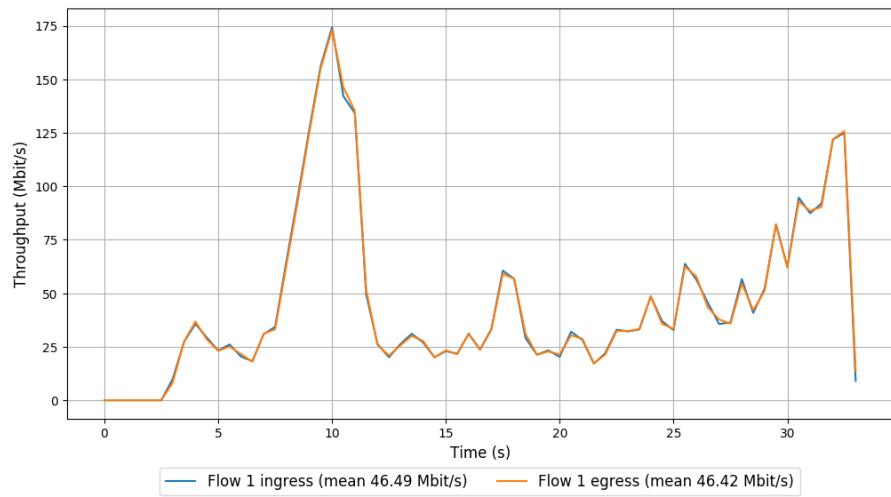


Run 3: Statistics of LEDBAT

```
Start at: Tue, 13 Jun 2017 08:14:43 +0000
End at: Tue, 13 Jun 2017 08:15:13 +0000
Local clock offset: 3.491 ms
Remote clock offset: -2.794 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:13:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 46.42 Mbit/s
95th percentile per-packet one-way delay: 25.745 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 46.42 Mbit/s
95th percentile per-packet one-way delay: 25.745 ms
Loss rate: 0.15%
```

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

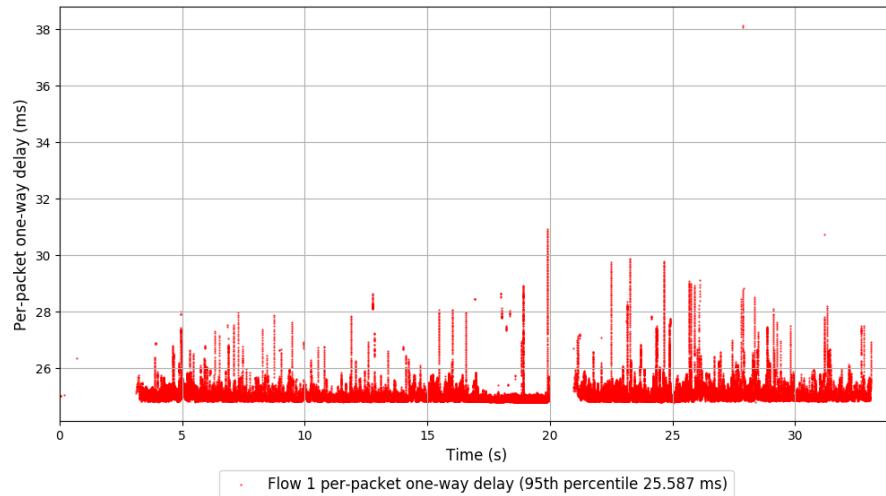
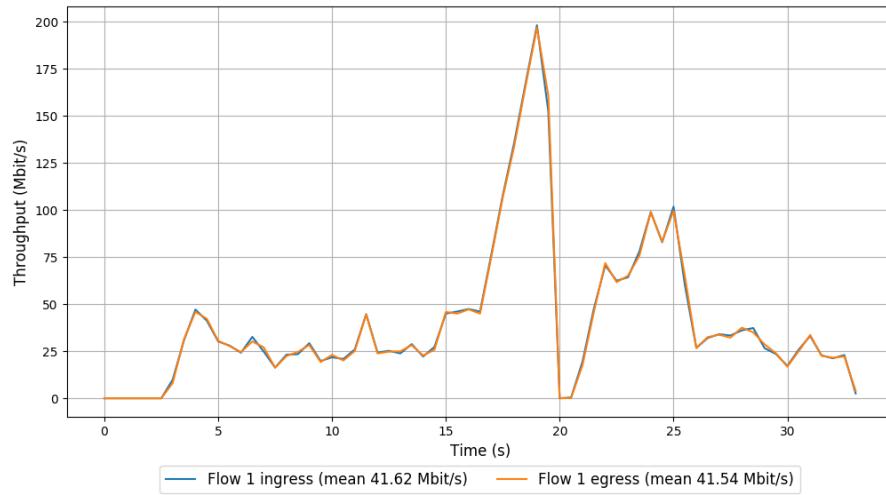


Run 4: Statistics of LEDBAT

```
Start at: Tue, 13 Jun 2017 08:35:37 +0000
End at: Tue, 13 Jun 2017 08:36:07 +0000
Local clock offset: 3.124 ms
Remote clock offset: -3.022 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:13:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 41.54 Mbit/s
95th percentile per-packet one-way delay: 25.587 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 41.54 Mbit/s
95th percentile per-packet one-way delay: 25.587 ms
Loss rate: 0.19%
```

## Run 4: Report of LEDBAT — Data Link

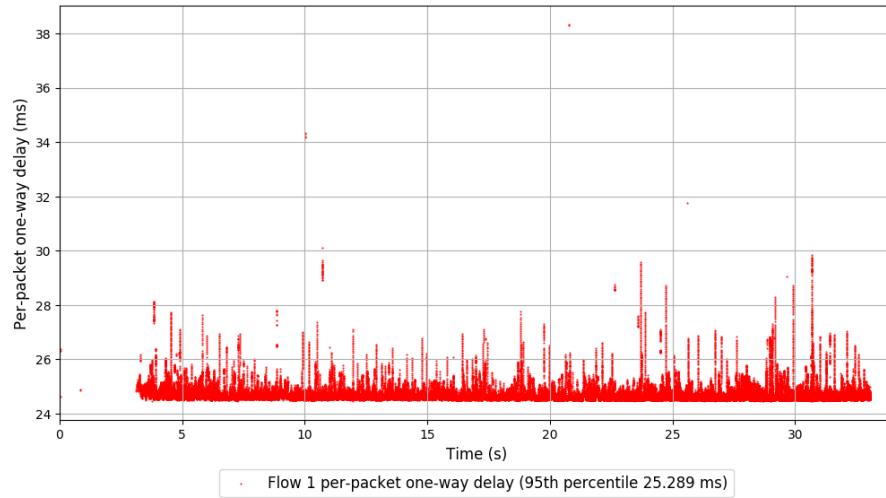
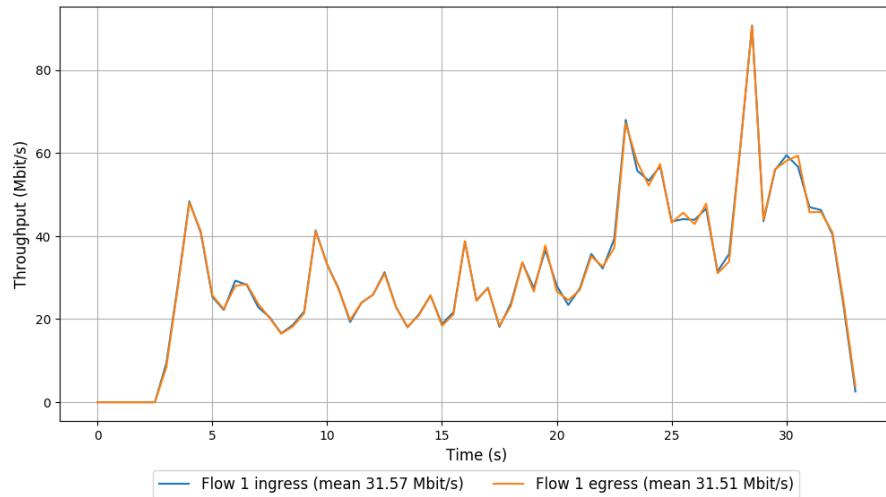


Run 5: Statistics of LEDBAT

```
Start at: Tue, 13 Jun 2017 08:56:32 +0000
End at: Tue, 13 Jun 2017 08:57:02 +0000
Local clock offset: 2.949 ms
Remote clock offset: -2.898 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:13:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 31.51 Mbit/s
95th percentile per-packet one-way delay: 25.289 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 31.51 Mbit/s
95th percentile per-packet one-way delay: 25.289 ms
Loss rate: 0.17%
```

Run 5: Report of LEDBAT — Data Link

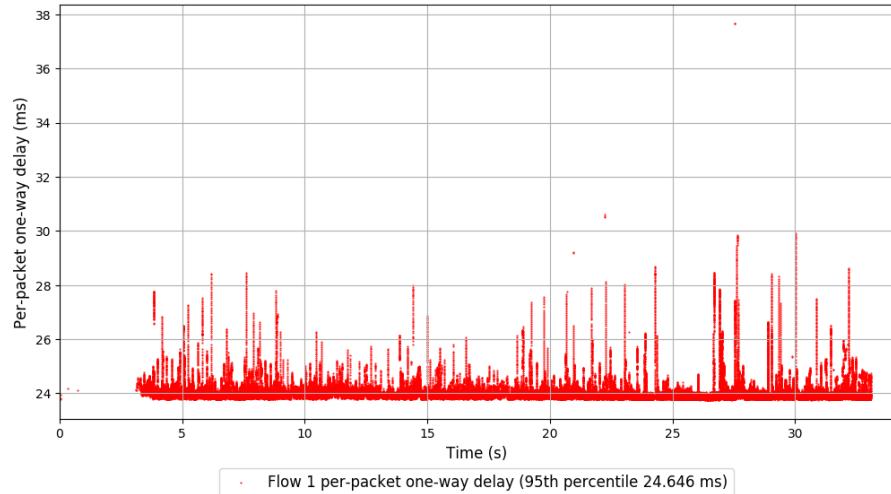
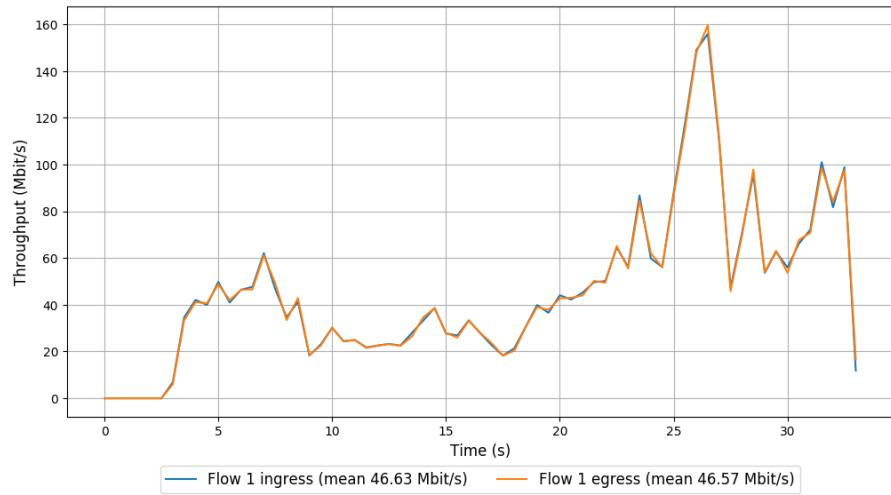


Run 6: Statistics of LEDBAT

```
Start at: Tue, 13 Jun 2017 09:17:32 +0000
End at: Tue, 13 Jun 2017 09:18:02 +0000
Local clock offset: 2.405 ms
Remote clock offset: -2.634 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:13:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 46.57 Mbit/s
95th percentile per-packet one-way delay: 24.646 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 46.57 Mbit/s
95th percentile per-packet one-way delay: 24.646 ms
Loss rate: 0.12%
```

## Run 6: Report of LEDBAT — Data Link

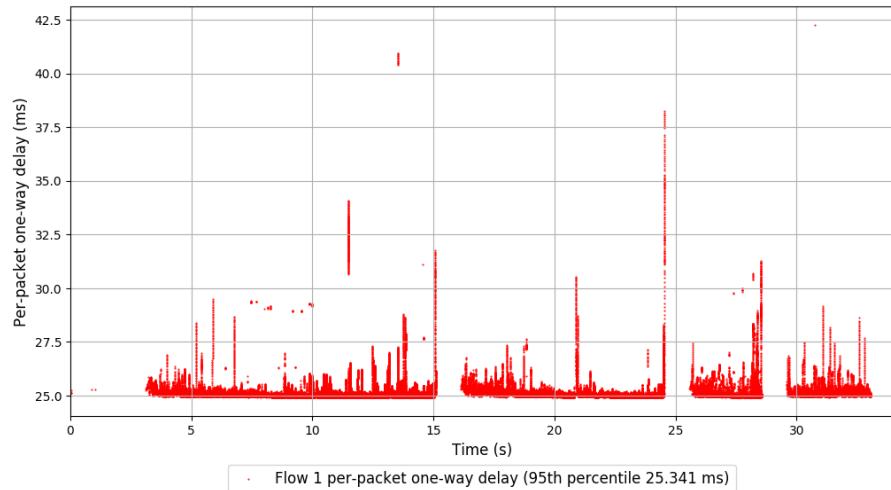
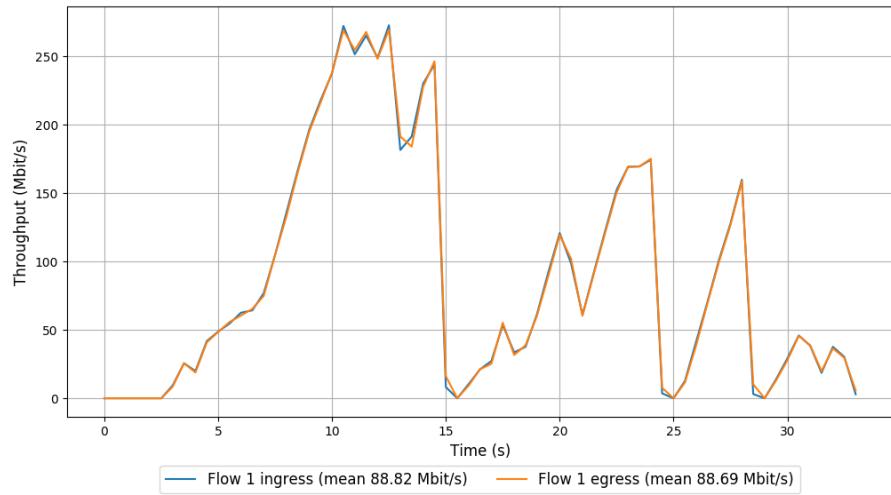


Run 7: Statistics of LEDBAT

```
Start at: Tue, 13 Jun 2017 09:38:38 +0000
End at: Tue, 13 Jun 2017 09:39:08 +0000
Local clock offset: 3.819 ms
Remote clock offset: -2.444 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:13:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.69 Mbit/s
95th percentile per-packet one-way delay: 25.341 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 88.69 Mbit/s
95th percentile per-packet one-way delay: 25.341 ms
Loss rate: 0.15%
```

## Run 7: Report of LEDBAT — Data Link

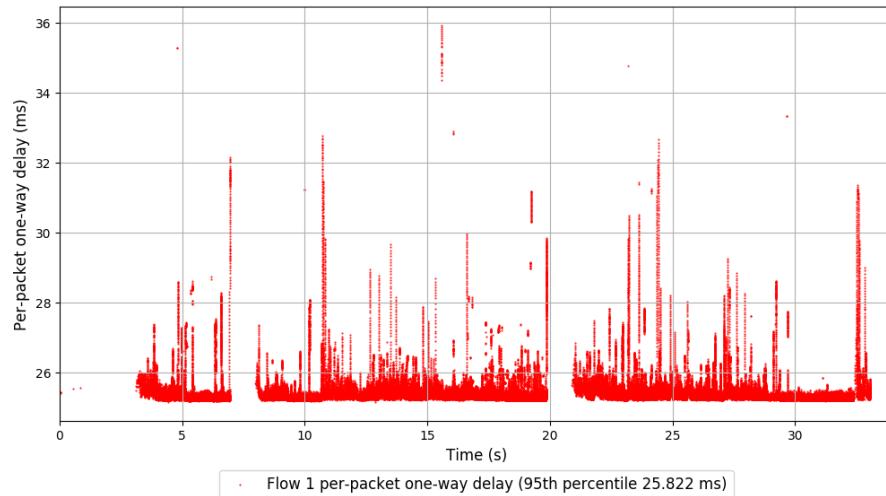
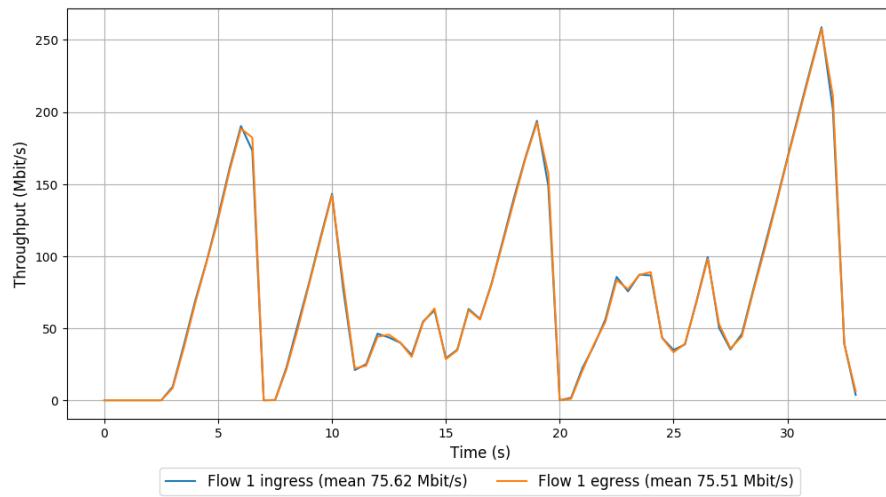


Run 8: Statistics of LEDBAT

```
Start at: Tue, 13 Jun 2017 09:59:47 +0000
End at: Tue, 13 Jun 2017 10:00:17 +0000
Local clock offset: 3.611 ms
Remote clock offset: -2.85 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:13:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.51 Mbit/s
95th percentile per-packet one-way delay: 25.822 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 75.51 Mbit/s
95th percentile per-packet one-way delay: 25.822 ms
Loss rate: 0.14%
```

Run 8: Report of LEDBAT — Data Link

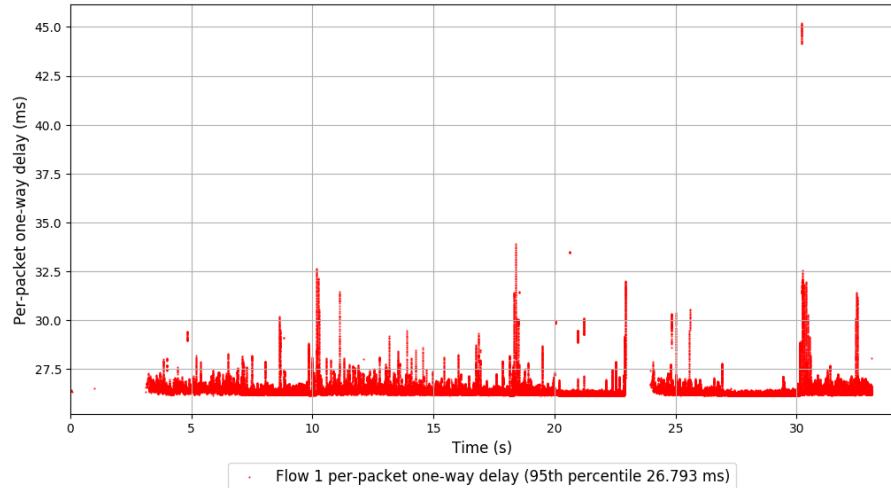
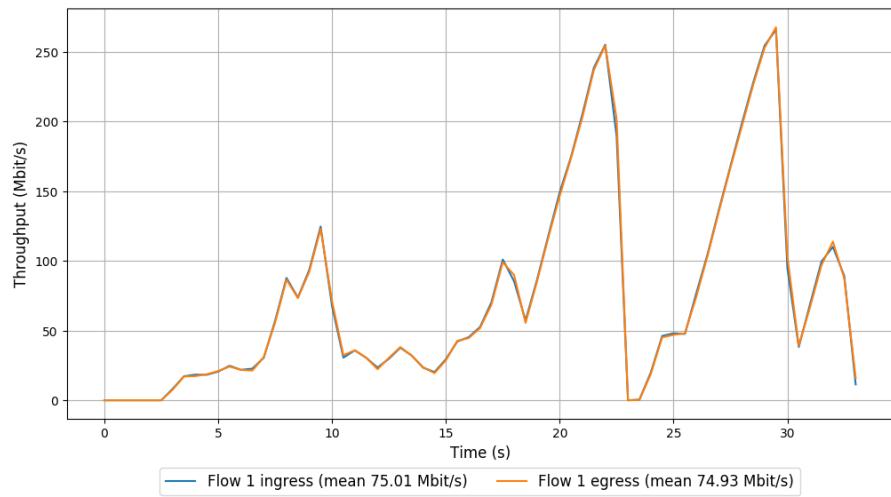


Run 9: Statistics of LEDBAT

```
Start at: Tue, 13 Jun 2017 10:20:52 +0000
End at: Tue, 13 Jun 2017 10:21:22 +0000
Local clock offset: 4.726 ms
Remote clock offset: -2.839 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:13:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.93 Mbit/s
95th percentile per-packet one-way delay: 26.793 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 74.93 Mbit/s
95th percentile per-packet one-way delay: 26.793 ms
Loss rate: 0.10%
```

Run 9: Report of LEDBAT — Data Link

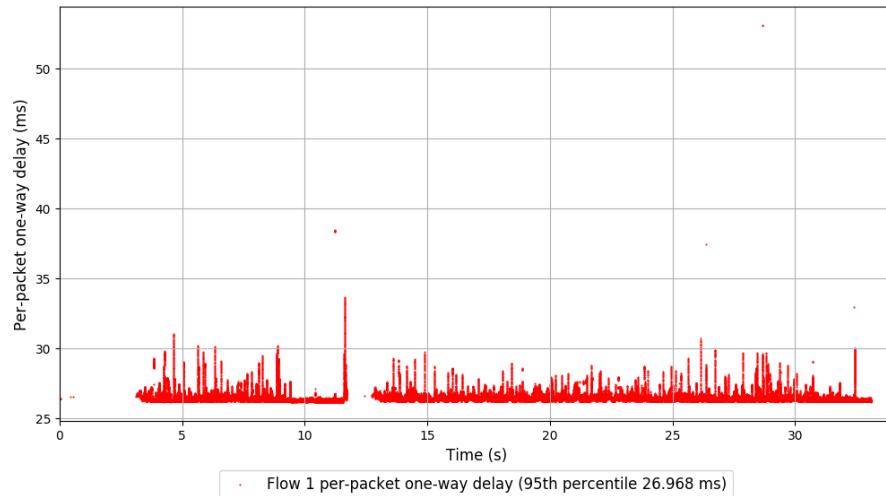
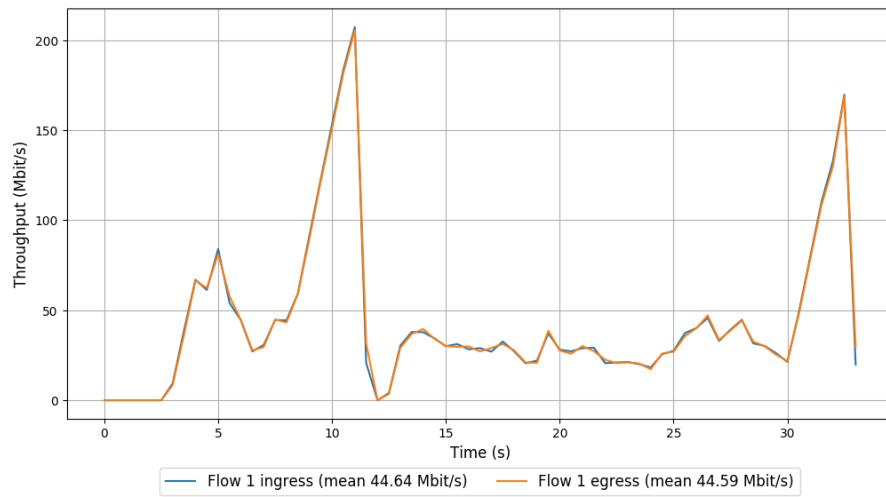


Run 10: Statistics of LEDBAT

```
Start at: Tue, 13 Jun 2017 10:42:02 +0000
End at: Tue, 13 Jun 2017 10:42:32 +0000
Local clock offset: 5.095 ms
Remote clock offset: -2.406 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:13:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 44.59 Mbit/s
95th percentile per-packet one-way delay: 26.968 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 44.59 Mbit/s
95th percentile per-packet one-way delay: 26.968 ms
Loss rate: 0.12%
```

## Run 10: Report of LEDBAT — Data Link

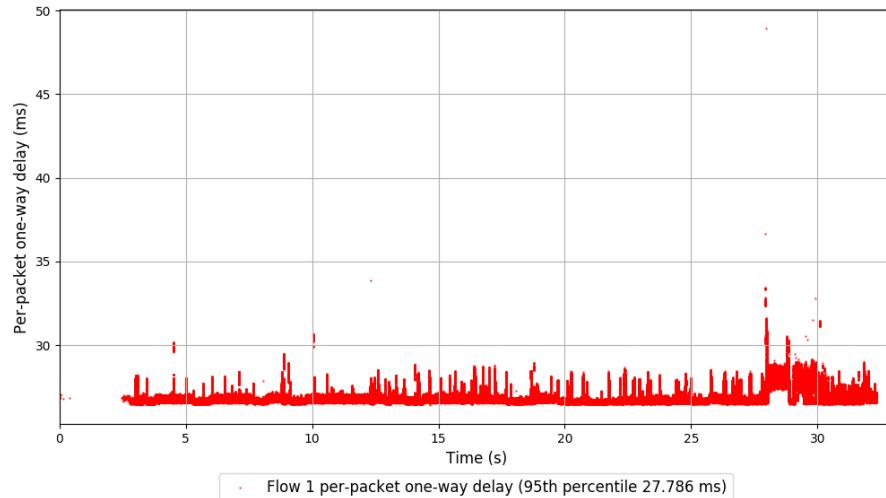
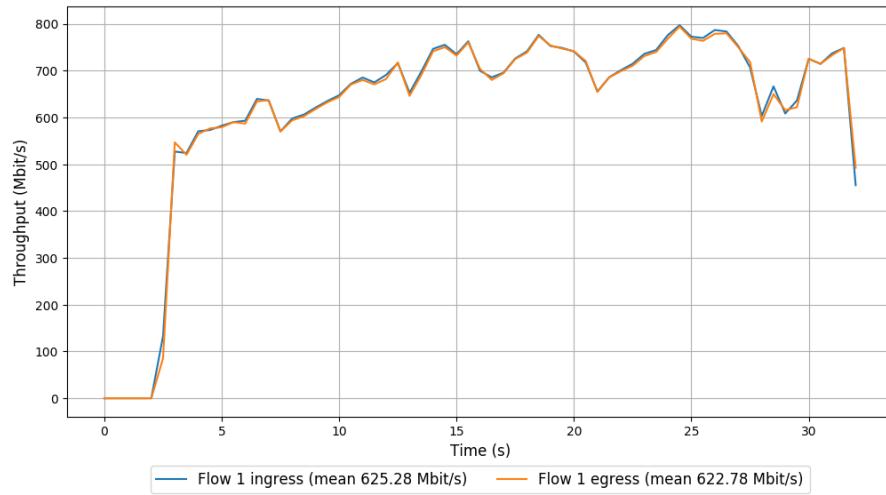


Run 1: Statistics of PCC

```
Start at: Tue, 13 Jun 2017 07:29:34 +0000
End at: Tue, 13 Jun 2017 07:30:04 +0000
Local clock offset: 3.757 ms
Remote clock offset: -4.093 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:15:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 622.78 Mbit/s
95th percentile per-packet one-way delay: 27.786 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 622.78 Mbit/s
95th percentile per-packet one-way delay: 27.786 ms
Loss rate: 0.40%
```

## Run 1: Report of PCC — Data Link

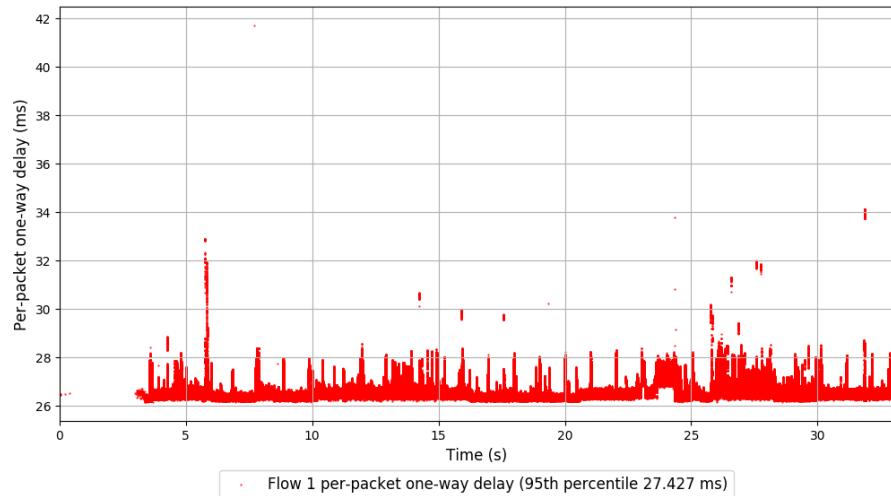
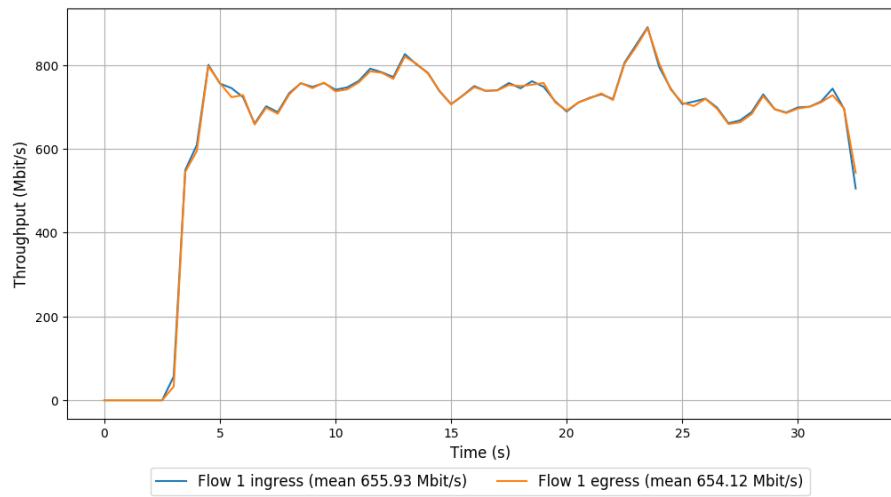


Run 2: Statistics of PCC

```
Start at: Tue, 13 Jun 2017 07:50:37 +0000
End at: Tue, 13 Jun 2017 07:51:07 +0000
Local clock offset: 3.861 ms
Remote clock offset: -3.619 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:15:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 654.12 Mbit/s
95th percentile per-packet one-way delay: 27.427 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 654.12 Mbit/s
95th percentile per-packet one-way delay: 27.427 ms
Loss rate: 0.28%
```

## Run 2: Report of PCC — Data Link

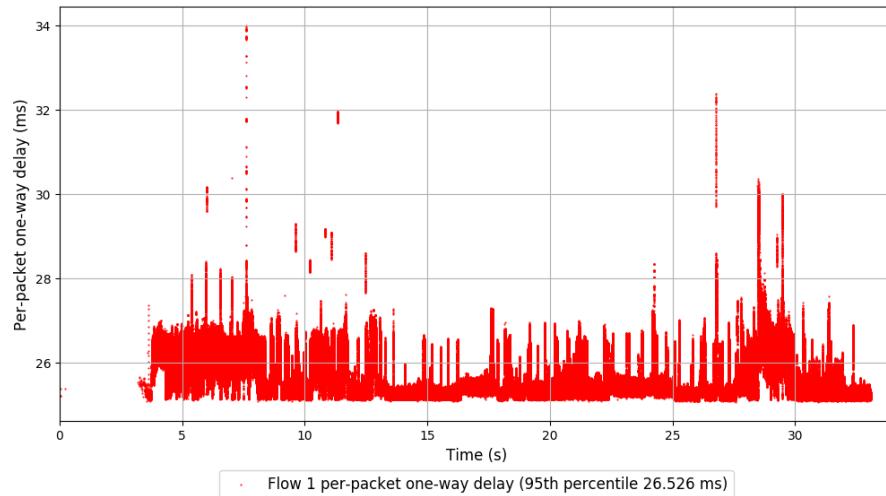
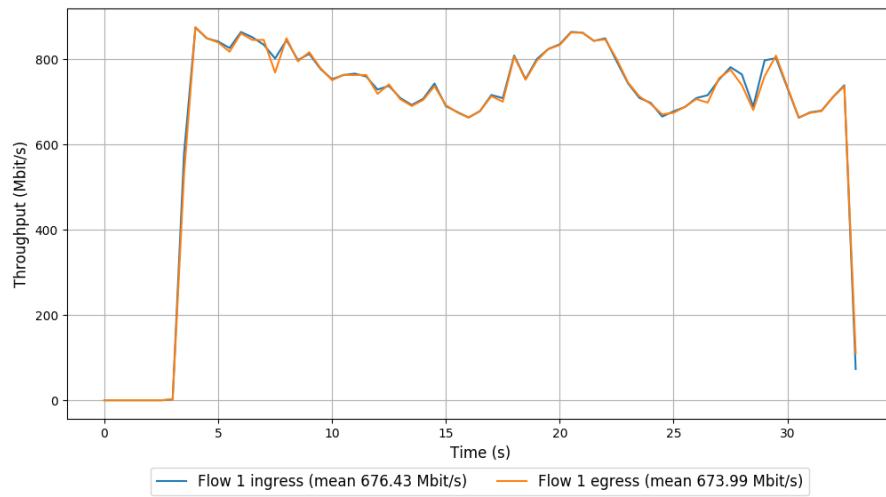


Run 3: Statistics of PCC

```
Start at: Tue, 13 Jun 2017 08:11:36 +0000
End at: Tue, 13 Jun 2017 08:12:06 +0000
Local clock offset: 3.516 ms
Remote clock offset: -2.936 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:17:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 673.99 Mbit/s
95th percentile per-packet one-way delay: 26.526 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 673.99 Mbit/s
95th percentile per-packet one-way delay: 26.526 ms
Loss rate: 0.38%
```

### Run 3: Report of PCC — Data Link

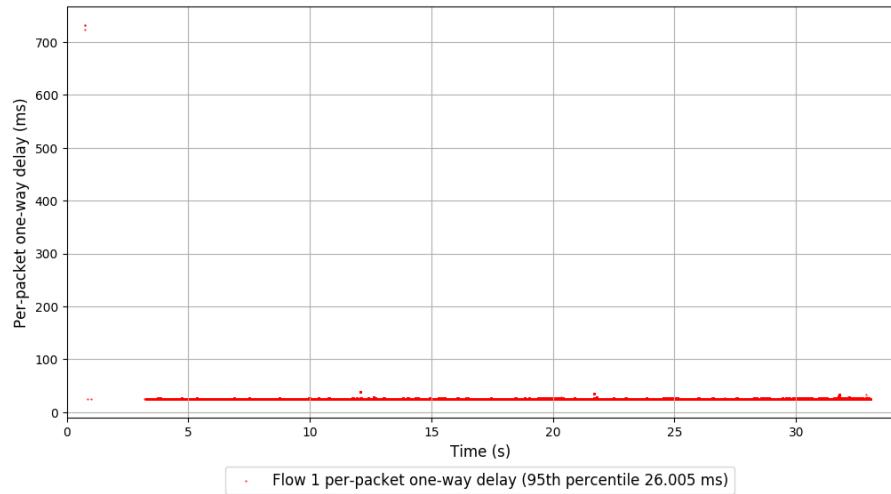
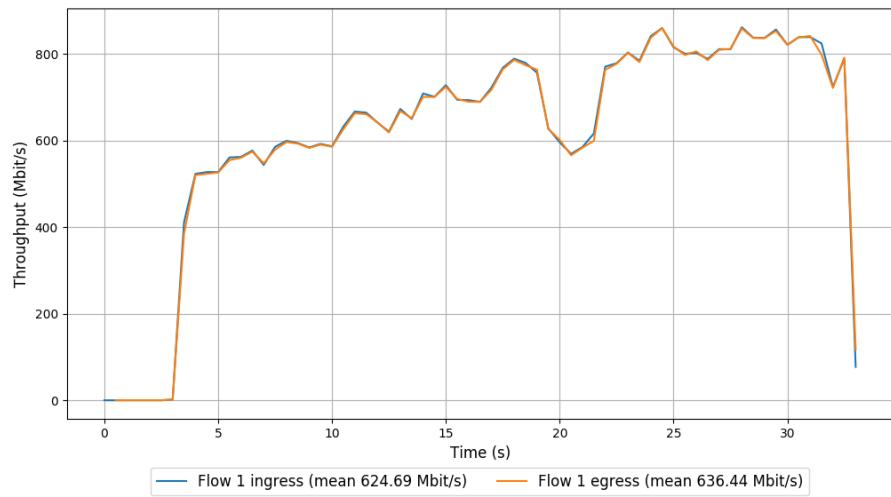


Run 4: Statistics of PCC

```
Start at: Tue, 13 Jun 2017 08:32:32 +0000
End at: Tue, 13 Jun 2017 08:33:02 +0000
Local clock offset: 3.081 ms
Remote clock offset: -3.015 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:17:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 636.44 Mbit/s
95th percentile per-packet one-way delay: 26.005 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 636.44 Mbit/s
95th percentile per-packet one-way delay: 26.005 ms
Loss rate: 0.30%
```

## Run 4: Report of PCC — Data Link

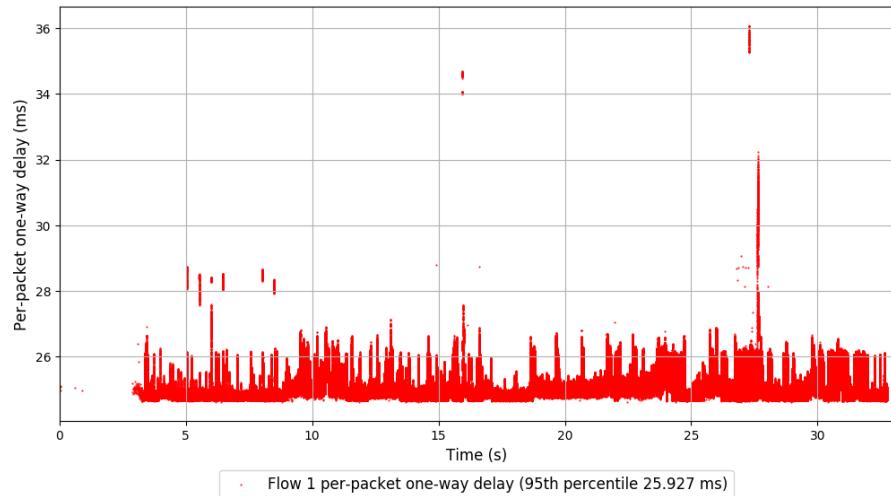
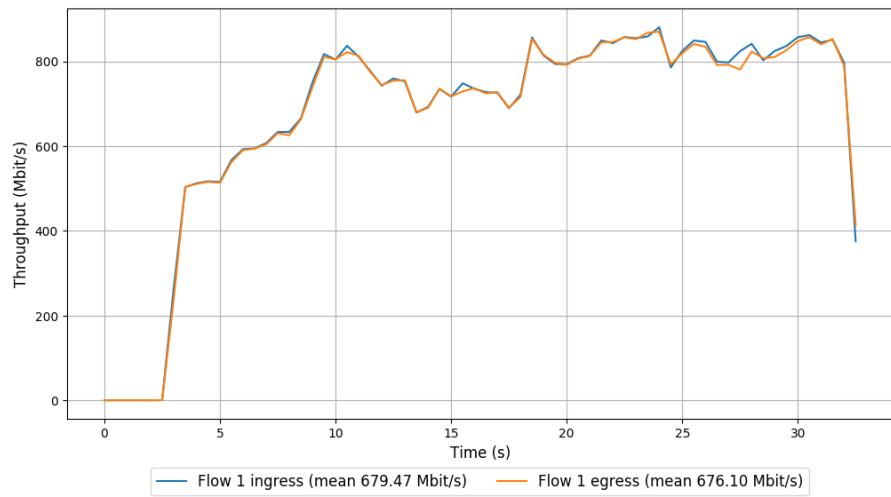


Run 5: Statistics of PCC

```
Start at: Tue, 13 Jun 2017 08:53:27 +0000
End at: Tue, 13 Jun 2017 08:53:57 +0000
Local clock offset: 3.004 ms
Remote clock offset: -3.021 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:18:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 676.10 Mbit/s
95th percentile per-packet one-way delay: 25.927 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 676.10 Mbit/s
95th percentile per-packet one-way delay: 25.927 ms
Loss rate: 0.50%
```

## Run 5: Report of PCC — Data Link

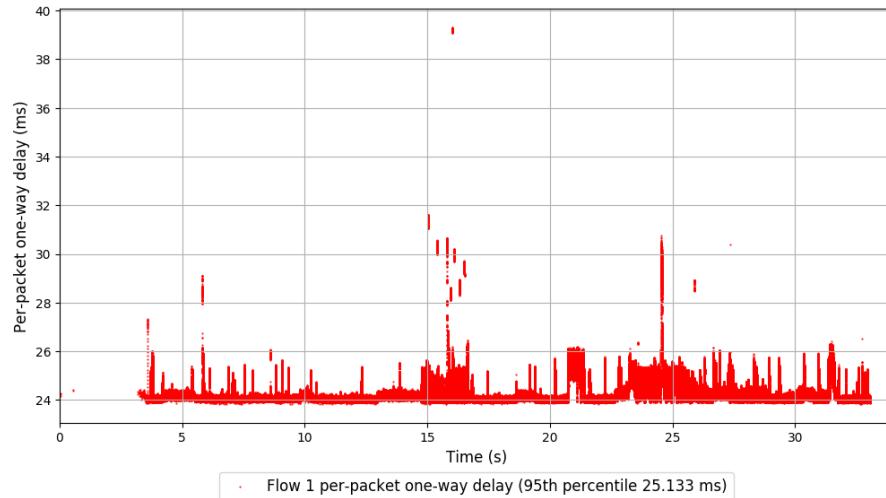
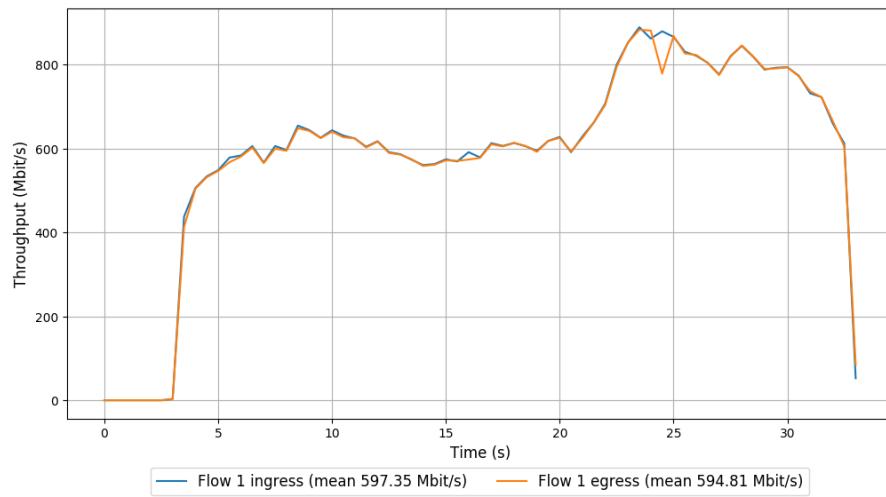


Run 6: Statistics of PCC

```
Start at: Tue, 13 Jun 2017 09:14:28 +0000
End at: Tue, 13 Jun 2017 09:14:58 +0000
Local clock offset: 2.488 ms
Remote clock offset: -2.717 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:18:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 594.81 Mbit/s
95th percentile per-packet one-way delay: 25.133 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 594.81 Mbit/s
95th percentile per-packet one-way delay: 25.133 ms
Loss rate: 0.44%
```

### Run 6: Report of PCC — Data Link

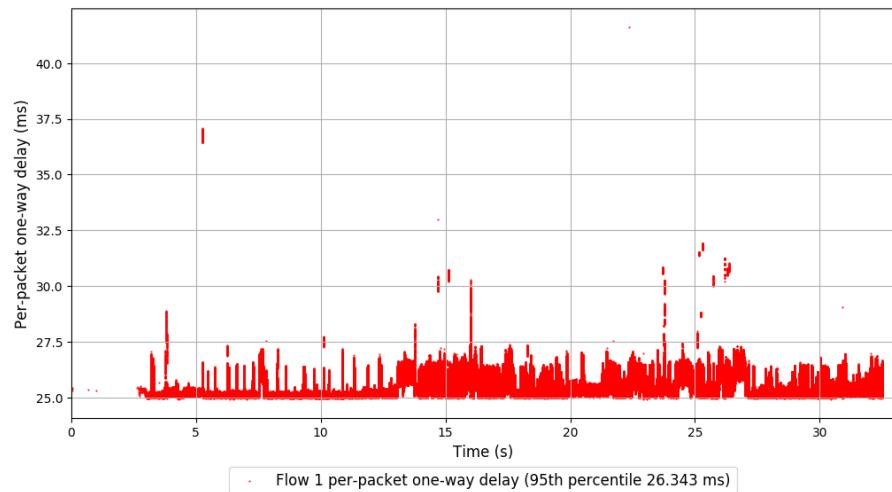
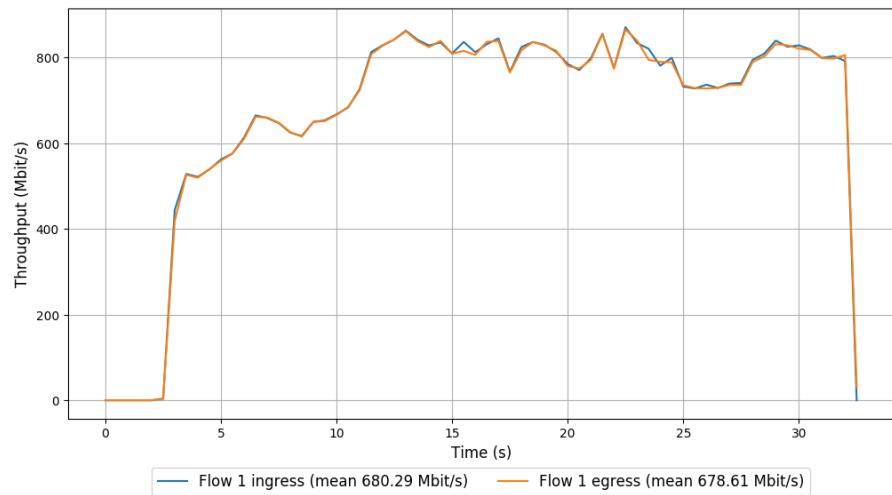


Run 7: Statistics of PCC

```
Start at: Tue, 13 Jun 2017 09:35:29 +0000
End at: Tue, 13 Jun 2017 09:35:59 +0000
Local clock offset: 3.747 ms
Remote clock offset: -2.543 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:20:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 678.61 Mbit/s
95th percentile per-packet one-way delay: 26.343 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 678.61 Mbit/s
95th percentile per-packet one-way delay: 26.343 ms
Loss rate: 0.29%
```

### Run 7: Report of PCC — Data Link

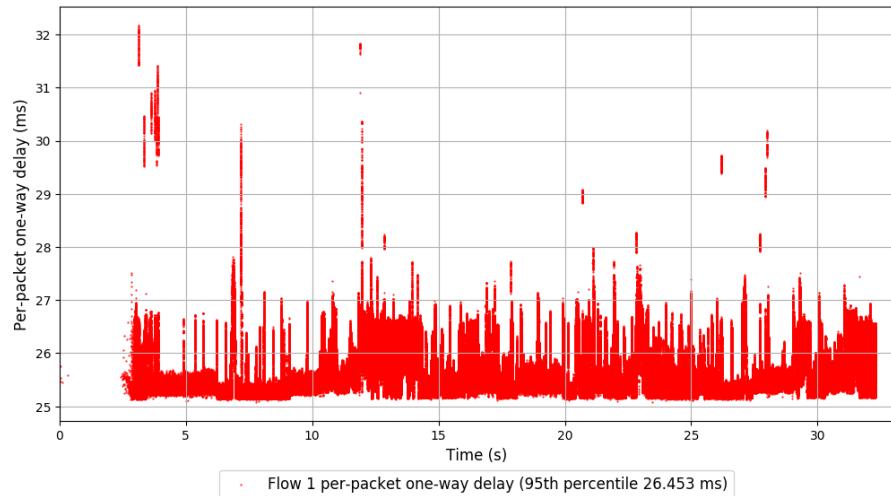
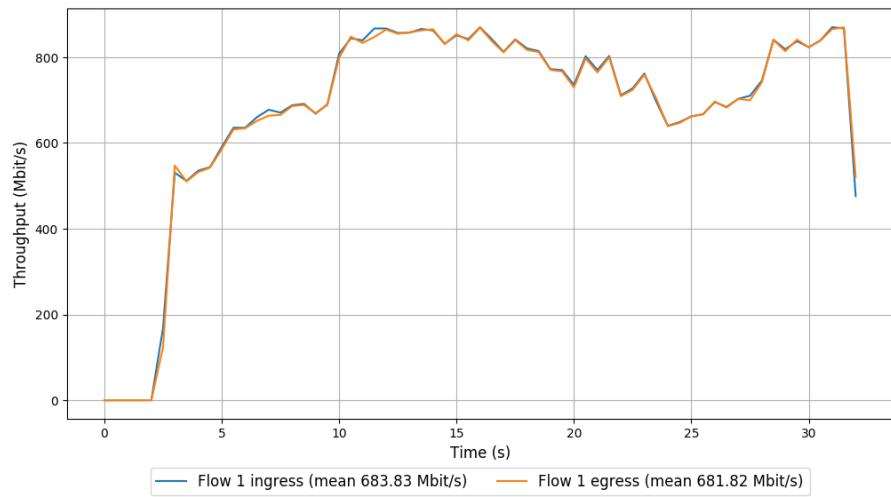


Run 8: Statistics of PCC

```
Start at: Tue, 13 Jun 2017 09:56:41 +0000
End at: Tue, 13 Jun 2017 09:57:11 +0000
Local clock offset: 3.632 ms
Remote clock offset: -2.804 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:20:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 681.82 Mbit/s
95th percentile per-packet one-way delay: 26.453 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 681.82 Mbit/s
95th percentile per-packet one-way delay: 26.453 ms
Loss rate: 0.30%
```

### Run 8: Report of PCC — Data Link

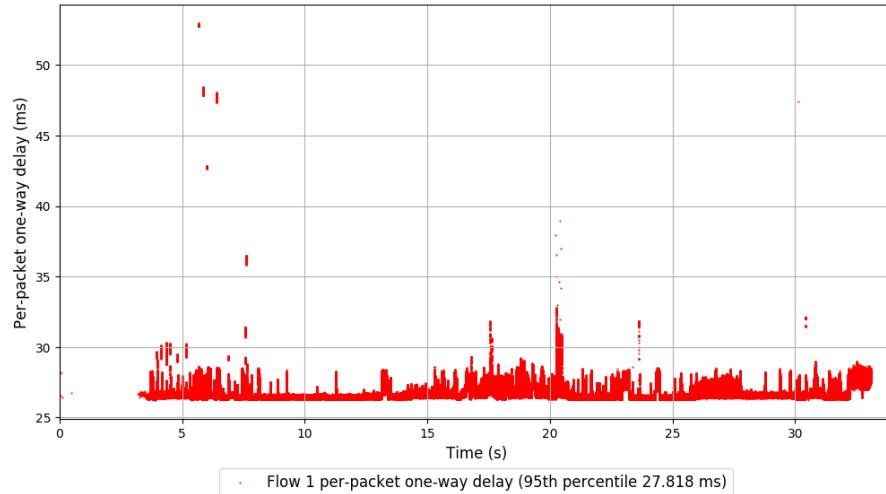
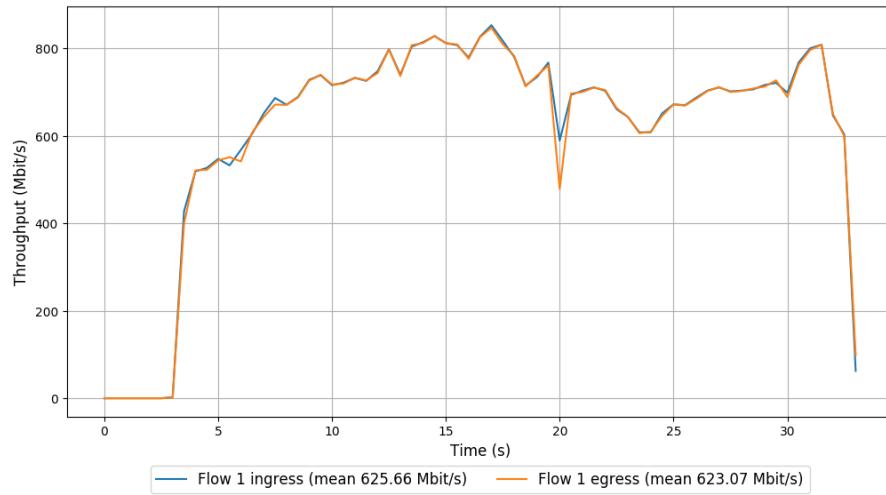


Run 9: Statistics of PCC

```
Start at: Tue, 13 Jun 2017 10:17:46 +0000
End at: Tue, 13 Jun 2017 10:18:16 +0000
Local clock offset: 4.739 ms
Remote clock offset: -2.875 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:21:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 623.07 Mbit/s
95th percentile per-packet one-way delay: 27.818 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 623.07 Mbit/s
95th percentile per-packet one-way delay: 27.818 ms
Loss rate: 0.45%
```

### Run 9: Report of PCC — Data Link

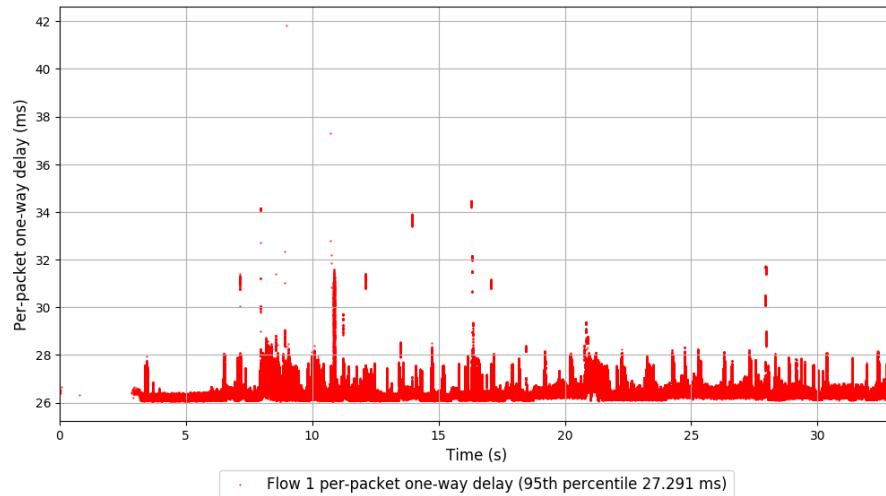
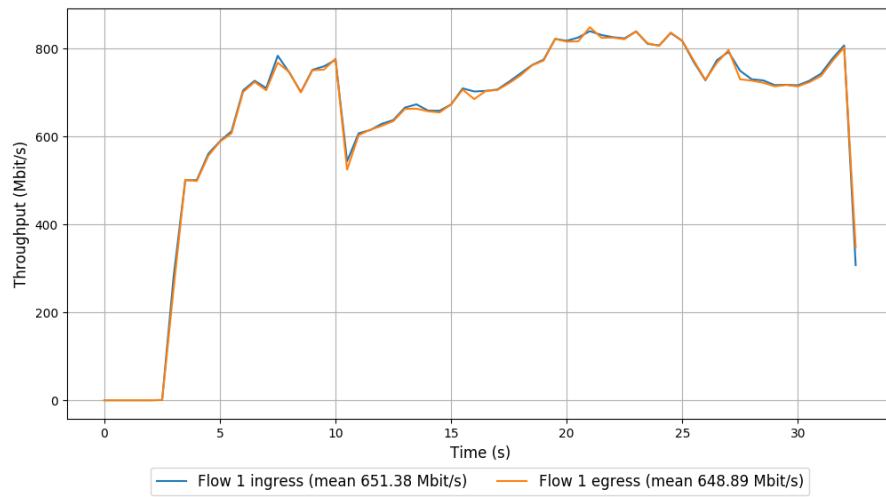


Run 10: Statistics of PCC

```
Start at: Tue, 13 Jun 2017 10:38:55 +0000
End at: Tue, 13 Jun 2017 10:39:25 +0000
Local clock offset: 4.812 ms
Remote clock offset: -2.5 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:21:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 648.89 Mbit/s
95th percentile per-packet one-way delay: 27.291 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 648.89 Mbit/s
95th percentile per-packet one-way delay: 27.291 ms
Loss rate: 0.40%
```

## Run 10: Report of PCC — Data Link

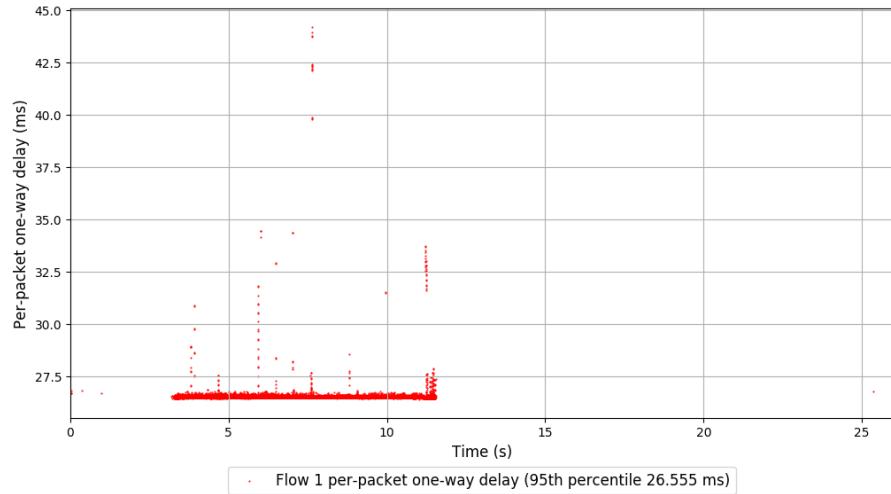
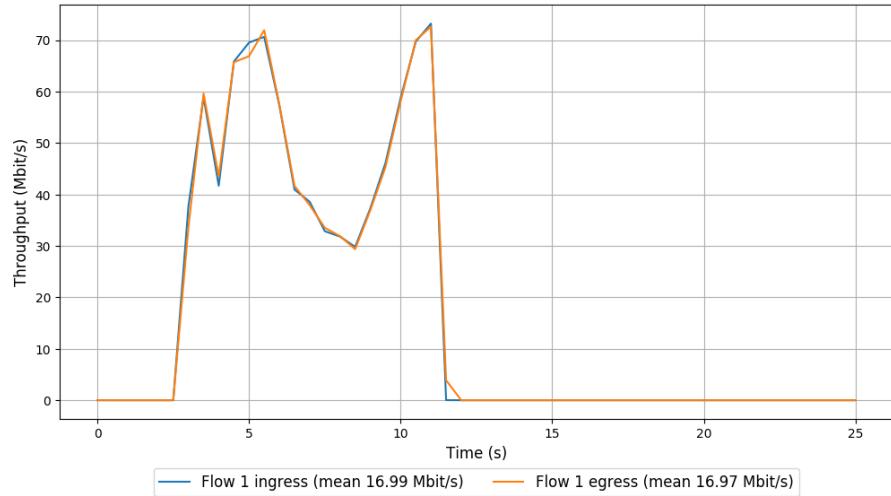


Run 1: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 13 Jun 2017 07:36:36 +0000
End at: Tue, 13 Jun 2017 07:37:06 +0000
Local clock offset: 3.795 ms
Remote clock offset: -3.983 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:21:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.97 Mbit/s
95th percentile per-packet one-way delay: 26.555 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 16.97 Mbit/s
95th percentile per-packet one-way delay: 26.555 ms
Loss rate: 0.09%
```

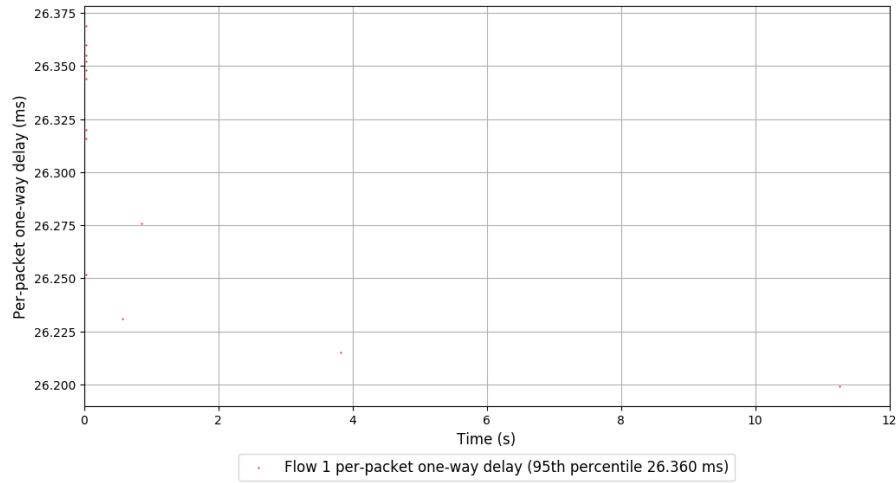
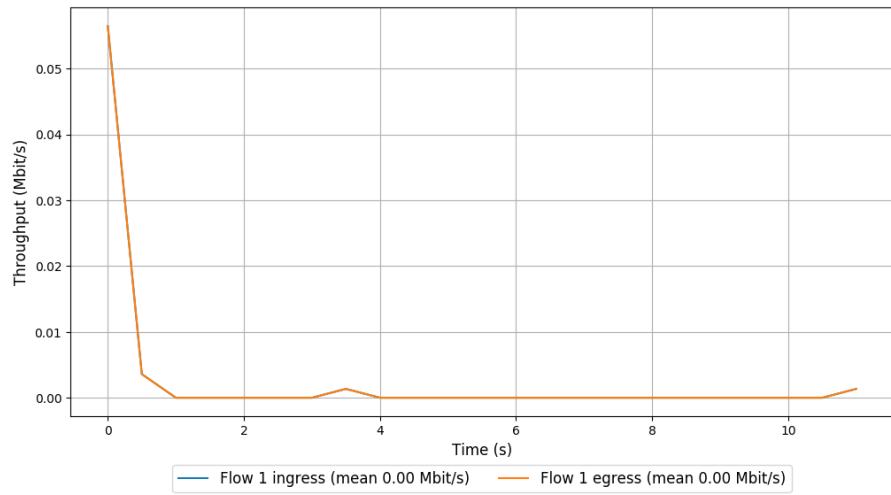
Run 1: Report of QUIC Cubic (toy) — Data Link



Run 2: Statistics of QUIC Cubic (toy)

Start at: Tue, 13 Jun 2017 07:57:40 +0000  
End at: Tue, 13 Jun 2017 07:58:10 +0000  
Local clock offset: 3.83 ms  
Remote clock offset: -3.339 ms

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

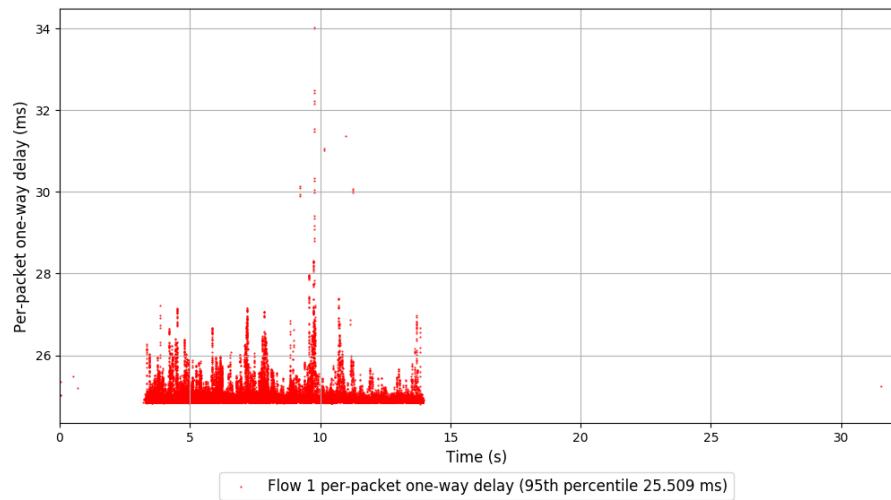
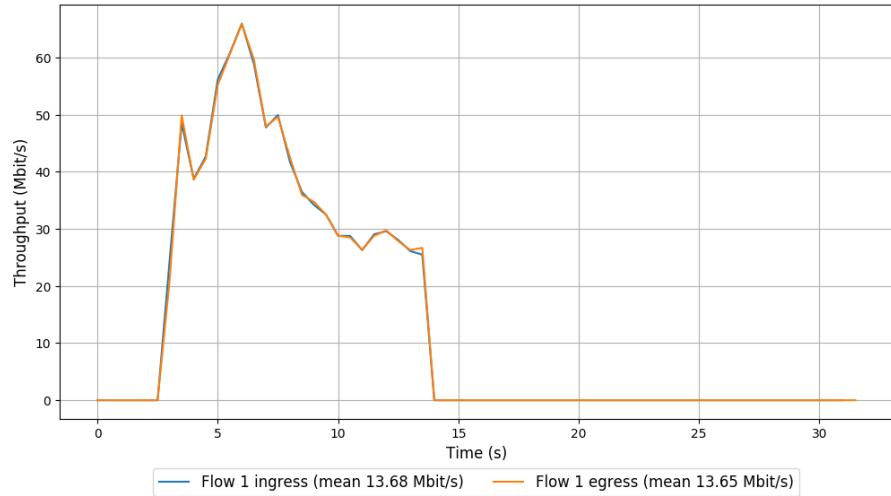


Run 3: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 13 Jun 2017 08:18:39 +0000
End at: Tue, 13 Jun 2017 08:19:09 +0000
Local clock offset: 3.327 ms
Remote clock offset: -2.751 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:21:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.65 Mbit/s
95th percentile per-packet one-way delay: 25.509 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 13.65 Mbit/s
95th percentile per-packet one-way delay: 25.509 ms
Loss rate: 0.18%
```

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

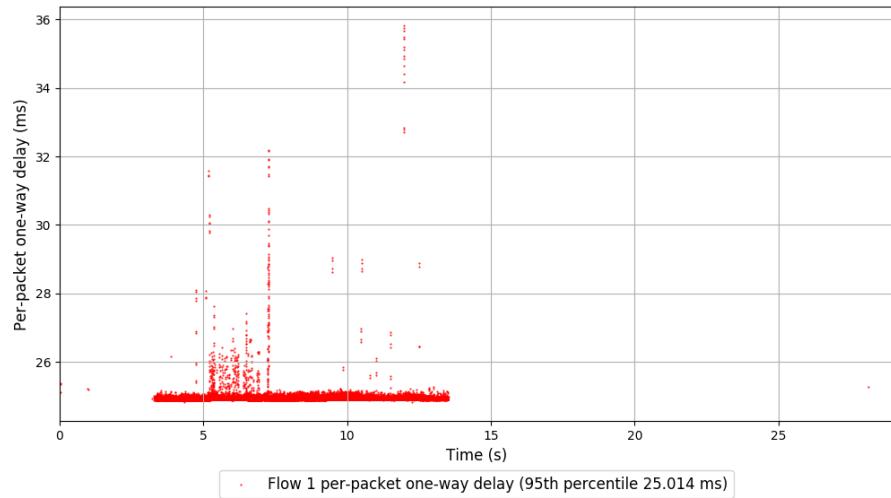
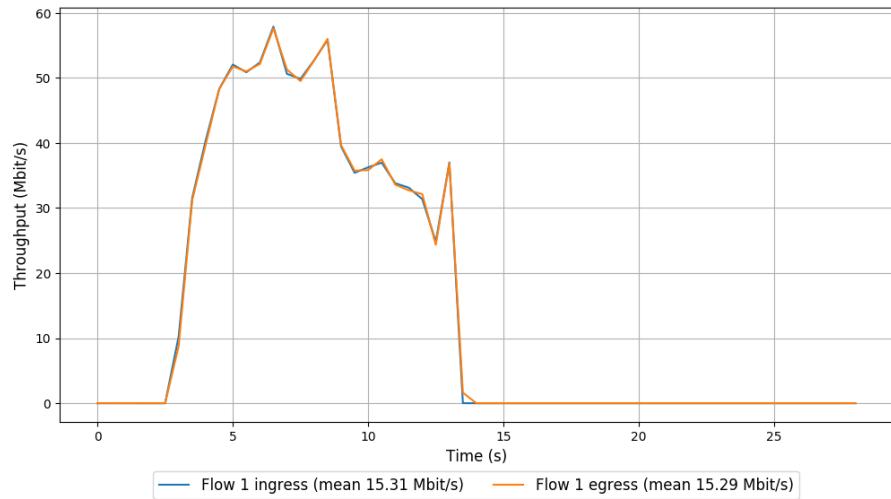


Run 4: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 13 Jun 2017 08:39:31 +0000
End at: Tue, 13 Jun 2017 08:40:02 +0000
Local clock offset: 3.201 ms
Remote clock offset: -3.007 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:21:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.29 Mbit/s
95th percentile per-packet one-way delay: 25.014 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 15.29 Mbit/s
95th percentile per-packet one-way delay: 25.014 ms
Loss rate: 0.11%
```

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

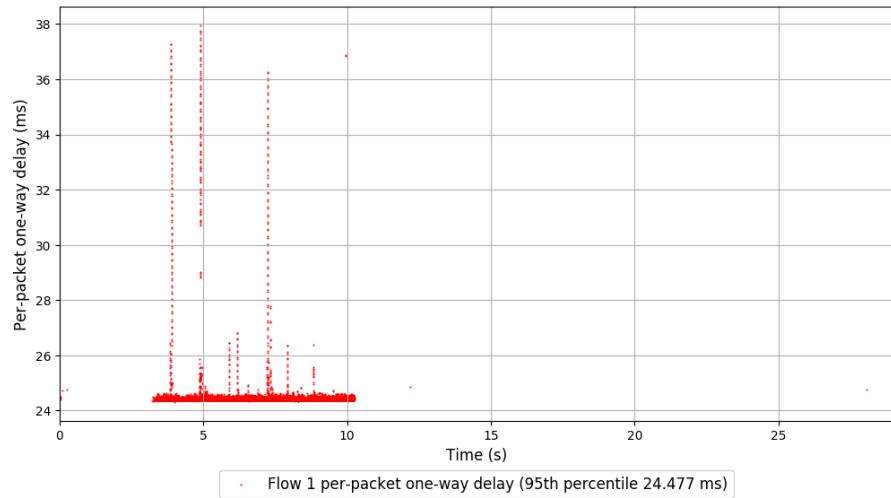
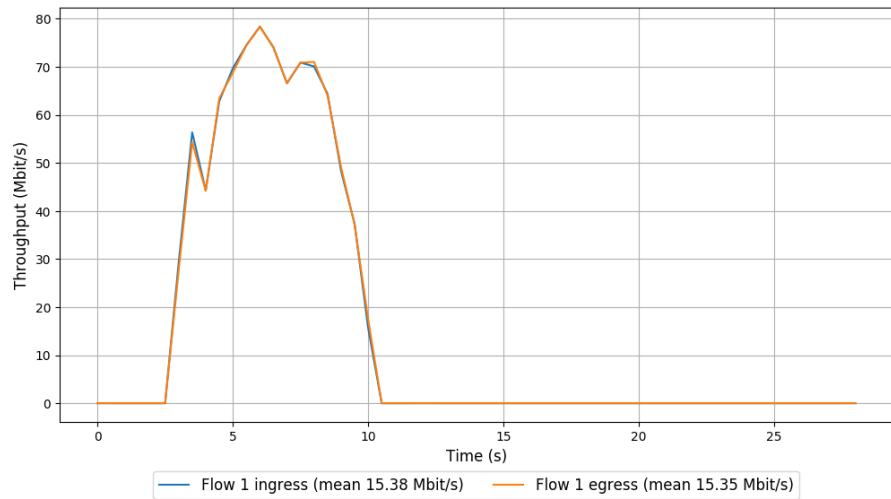


Run 5: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 13 Jun 2017 09:00:27 +0000
End at: Tue, 13 Jun 2017 09:00:57 +0000
Local clock offset: 2.873 ms
Remote clock offset: -2.877 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:21:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.35 Mbit/s
95th percentile per-packet one-way delay: 24.477 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 15.35 Mbit/s
95th percentile per-packet one-way delay: 24.477 ms
Loss rate: 0.14%
```

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

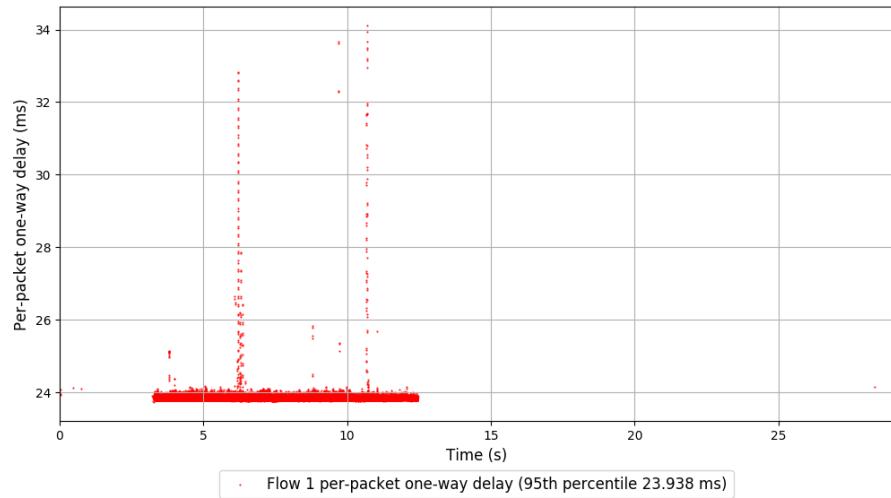
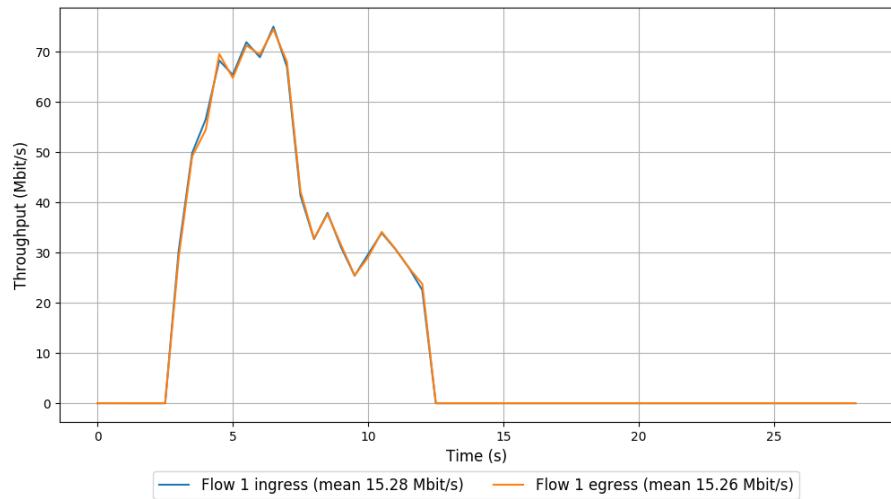


Run 6: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 13 Jun 2017 09:21:28 +0000
End at: Tue, 13 Jun 2017 09:21:58 +0000
Local clock offset: 2.453 ms
Remote clock offset: -2.693 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:21:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.26 Mbit/s
95th percentile per-packet one-way delay: 23.938 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 15.26 Mbit/s
95th percentile per-packet one-way delay: 23.938 ms
Loss rate: 0.13%
```

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



Run 7: Statistics of QUIC Cubic (toy)

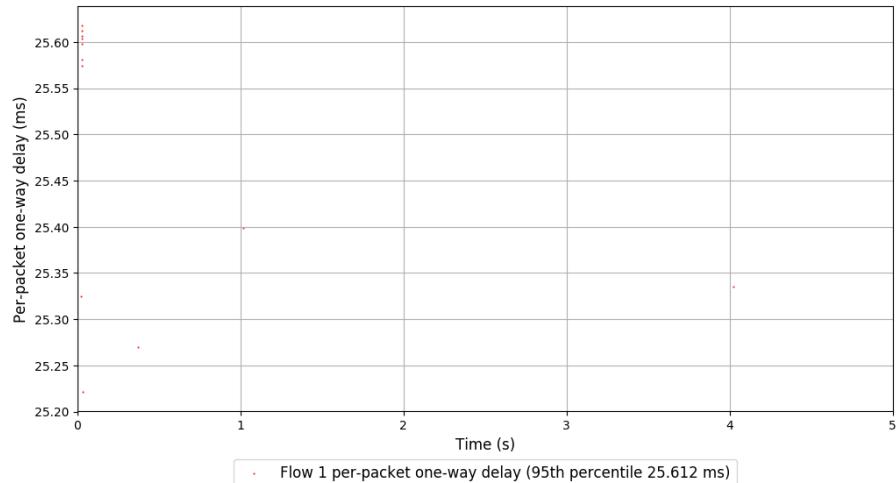
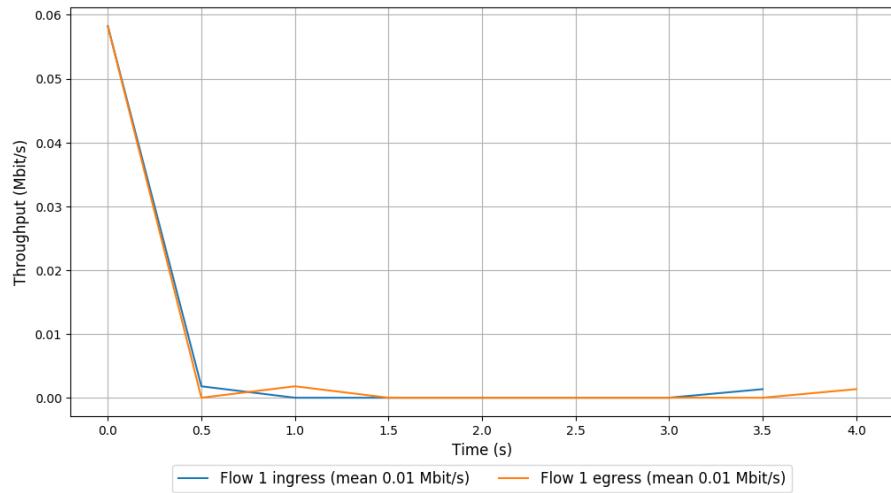
Start at: Tue, 13 Jun 2017 09:42:37 +0000

End at: Tue, 13 Jun 2017 09:43:07 +0000

Local clock offset: 3.708 ms

Remote clock offset: -2.535 ms

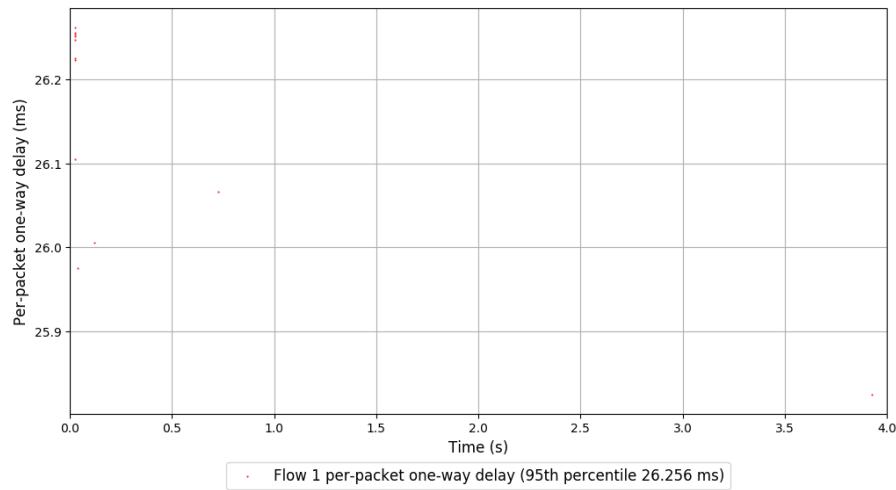
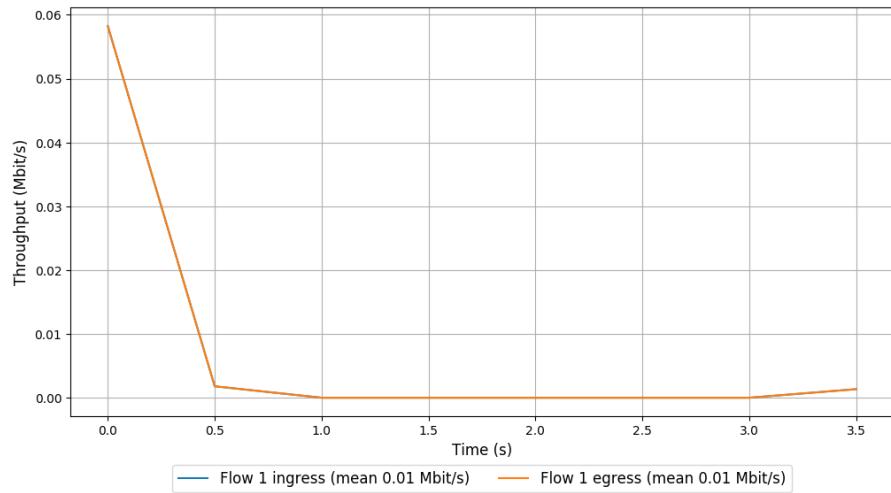
Run 7: Report of QUIC Cubic (toy) — Data Link



Run 8: Statistics of QUIC Cubic (toy)

Start at: Tue, 13 Jun 2017 10:03:45 +0000  
End at: Tue, 13 Jun 2017 10:04:15 +0000  
Local clock offset: 3.97 ms  
Remote clock offset: -2.822 ms

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

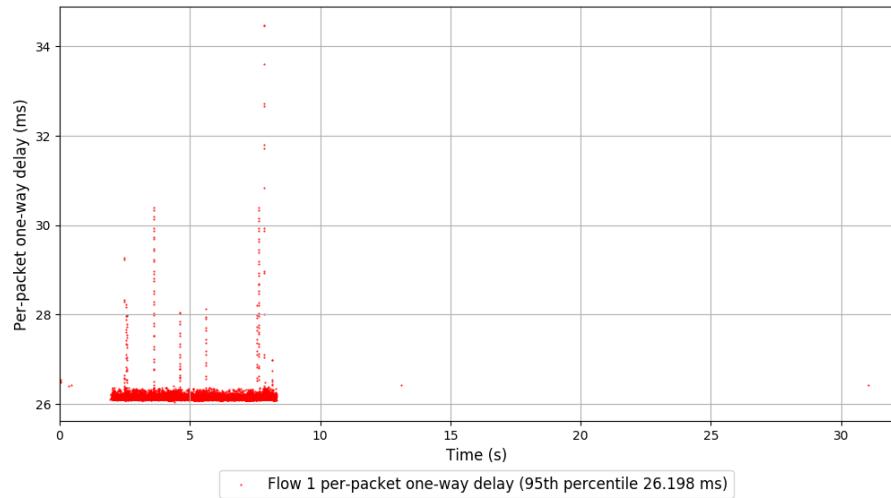
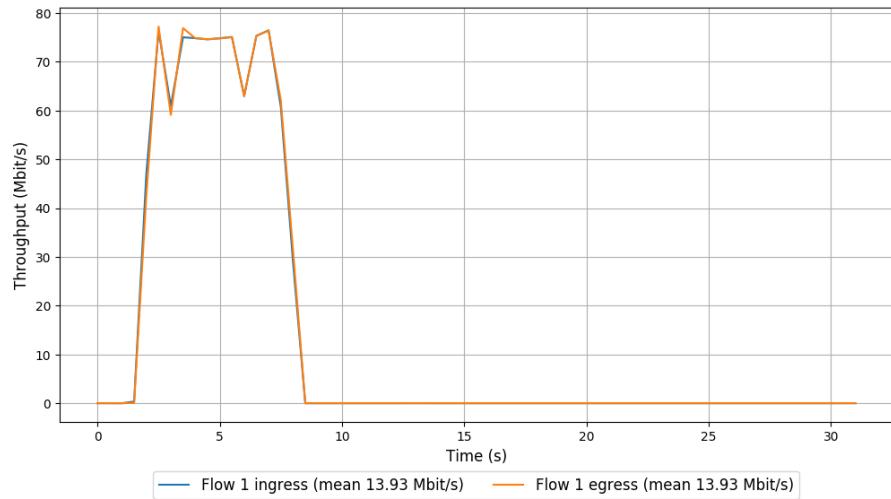


Run 9: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 13 Jun 2017 10:24:49 +0000
End at: Tue, 13 Jun 2017 10:25:19 +0000
Local clock offset: 4.551 ms
Remote clock offset: -2.816 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:21:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.93 Mbit/s
95th percentile per-packet one-way delay: 26.198 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 13.93 Mbit/s
95th percentile per-packet one-way delay: 26.198 ms
Loss rate: 0.02%
```

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



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

```
Start at: Tue, 13 Jun 2017 10:45:58 +0000
```

```
End at: Tue, 13 Jun 2017 10:46:28 +0000
```

```
Local clock offset: 5.203 ms
```

```
Remote clock offset: -2.398 ms
```

```
# Below is generated by plot.py at Tue, 13 Jun 2017 16:21:57 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 16.08 Mbit/s
```

```
95th percentile per-packet one-way delay: 26.469 ms
```

```
Loss rate: 0.03%
```

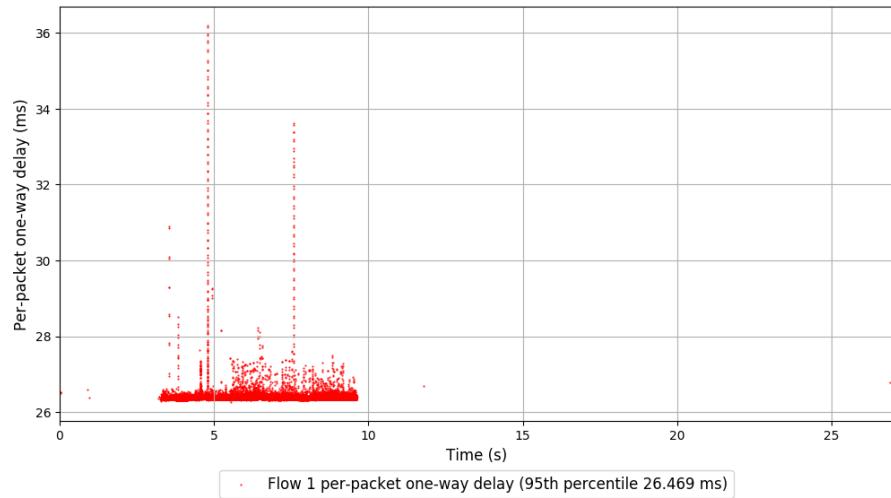
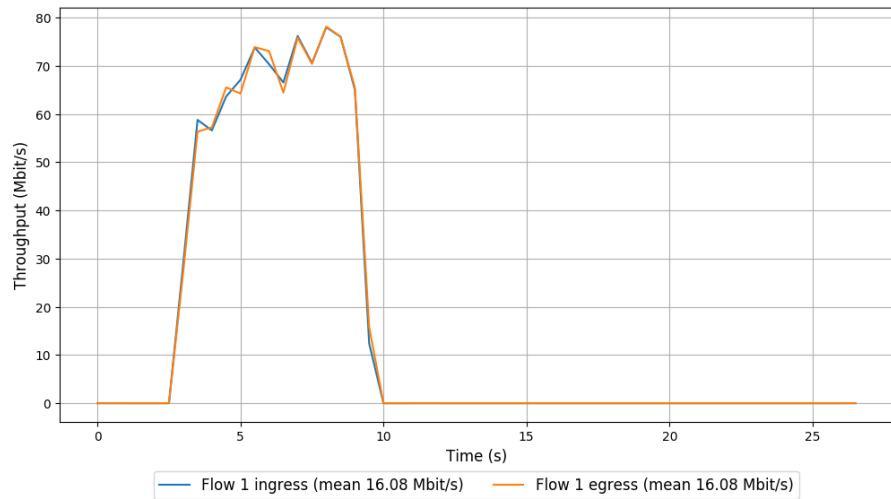
```
-- Flow 1:
```

```
Average throughput: 16.08 Mbit/s
```

```
95th percentile per-packet one-way delay: 26.469 ms
```

```
Loss rate: 0.03%
```

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



Run 1: Statistics of Saturator

Start at: Tue, 13 Jun 2017 07:35:14 +0000

End at: Tue, 13 Jun 2017 07:35:44 +0000

Local clock offset: 3.726 ms

Remote clock offset: -4.017 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:22:11 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 107.98 Mbit/s

95th percentile per-packet one-way delay: 26.899 ms

Loss rate: 0.19%

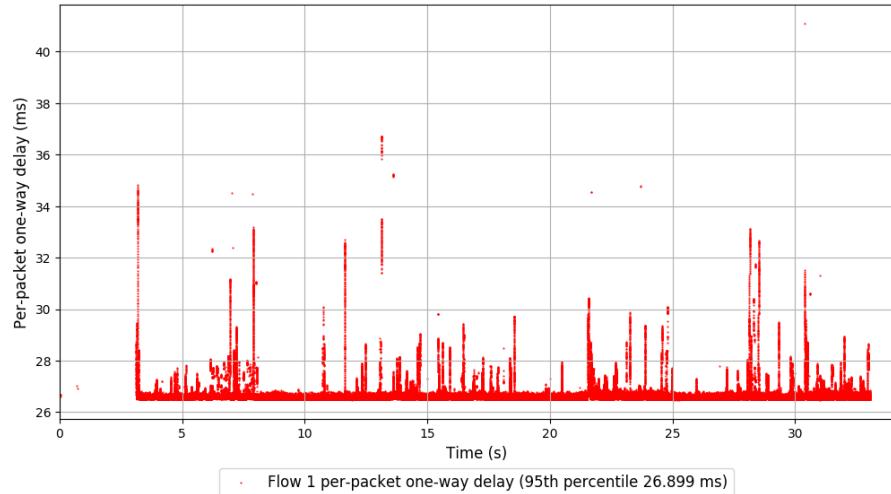
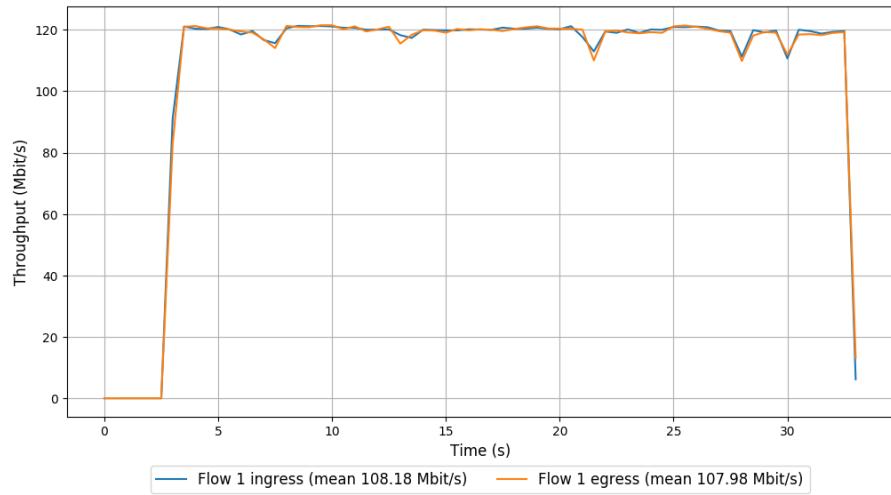
-- Flow 1:

Average throughput: 107.98 Mbit/s

95th percentile per-packet one-way delay: 26.899 ms

Loss rate: 0.19%

Run 1: Report of Saturator — Data Link

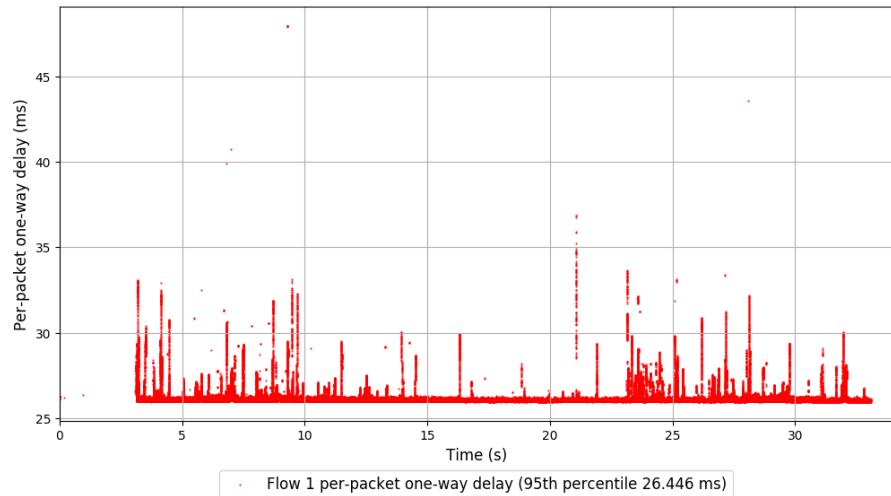
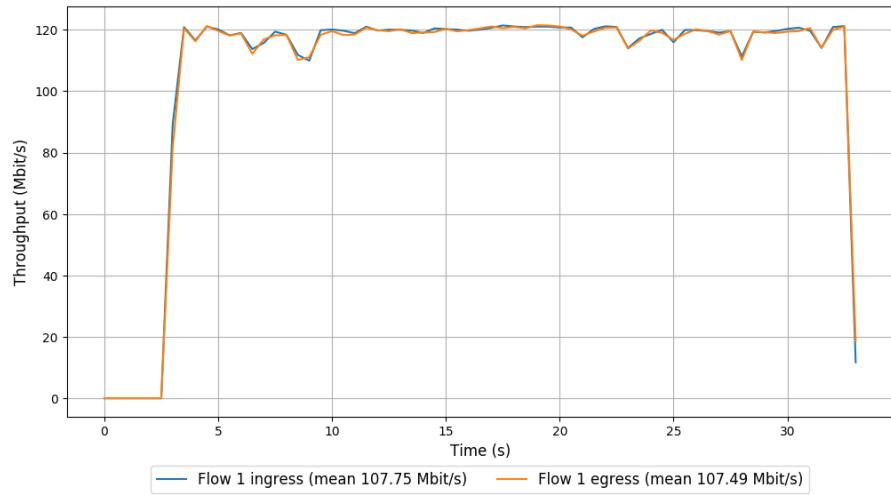


Run 2: Statistics of Saturator

```
Start at: Tue, 13 Jun 2017 07:56:17 +0000
End at: Tue, 13 Jun 2017 07:56:47 +0000
Local clock offset: 3.964 ms
Remote clock offset: -3.436 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:22:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 107.49 Mbit/s
95th percentile per-packet one-way delay: 26.446 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 107.49 Mbit/s
95th percentile per-packet one-way delay: 26.446 ms
Loss rate: 0.25%
```

Run 2: Report of Saturator — Data Link

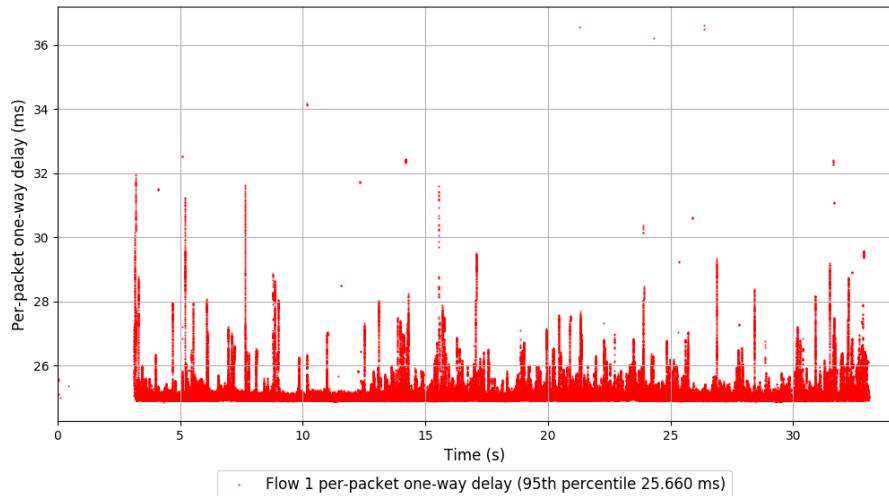
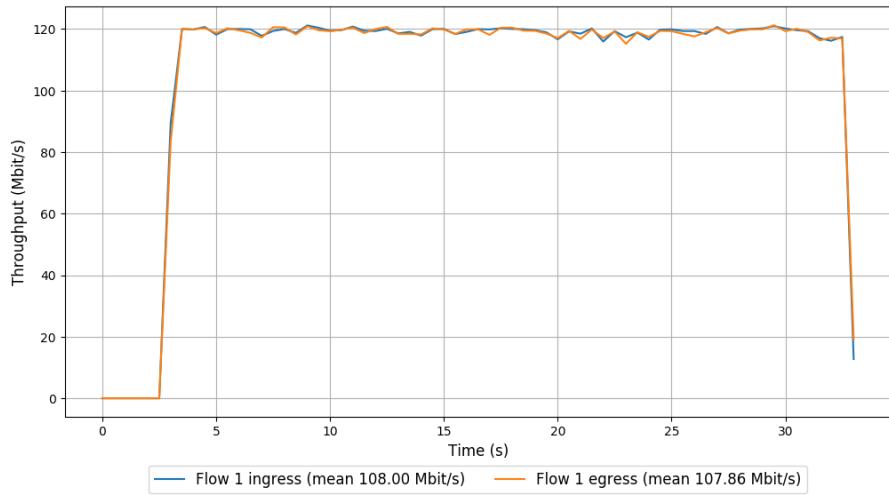


Run 3: Statistics of Saturator

```
Start at: Tue, 13 Jun 2017 08:17:16 +0000
End at: Tue, 13 Jun 2017 08:17:46 +0000
Local clock offset: 3.46 ms
Remote clock offset: -2.768 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:22:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 107.86 Mbit/s
95th percentile per-packet one-way delay: 25.660 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 107.86 Mbit/s
95th percentile per-packet one-way delay: 25.660 ms
Loss rate: 0.13%
```

Run 3: Report of Saturator — Data Link

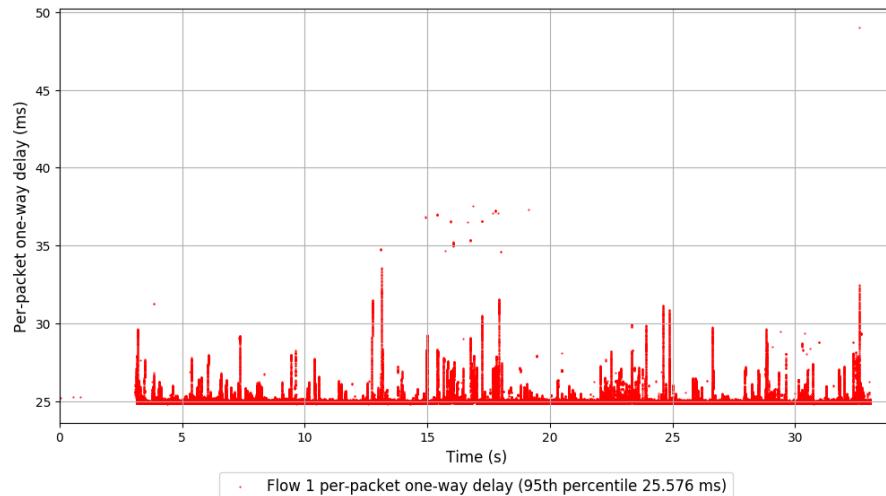
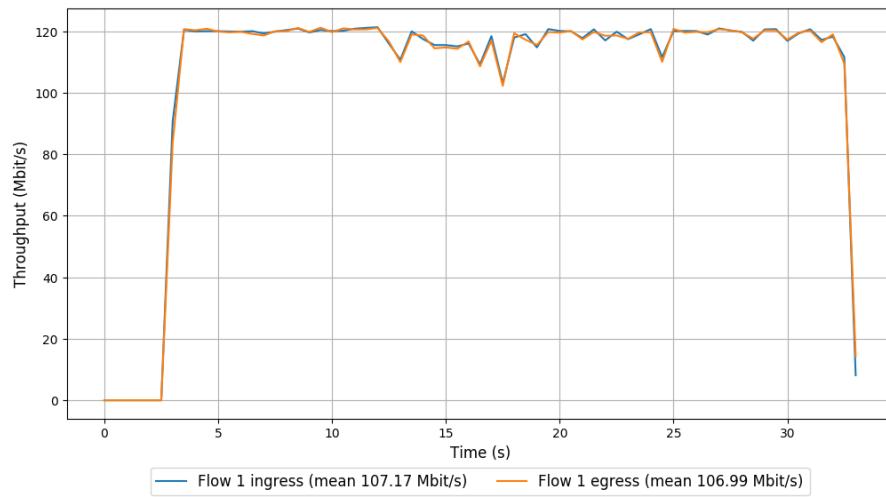


Run 4: Statistics of Saturator

```
Start at: Tue, 13 Jun 2017 08:38:09 +0000
End at: Tue, 13 Jun 2017 08:38:39 +0000
Local clock offset: 3.075 ms
Remote clock offset: -3.048 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:22:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 106.99 Mbit/s
95th percentile per-packet one-way delay: 25.576 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 106.99 Mbit/s
95th percentile per-packet one-way delay: 25.576 ms
Loss rate: 0.16%
```

Run 4: Report of Saturator — Data Link

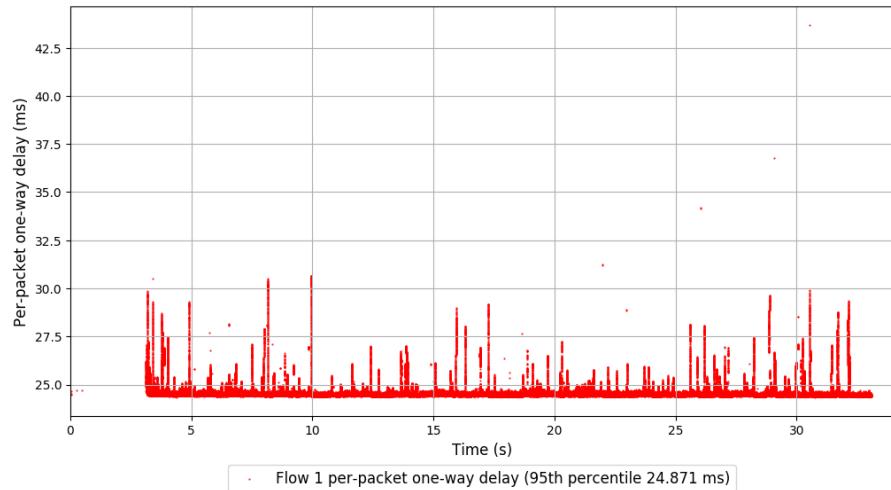
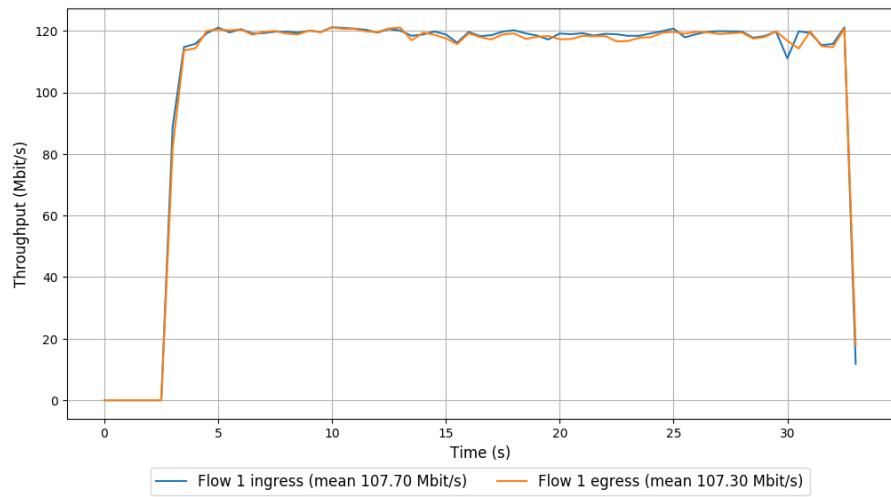


Run 5: Statistics of Saturator

```
Start at: Tue, 13 Jun 2017 08:59:04 +0000
End at: Tue, 13 Jun 2017 08:59:34 +0000
Local clock offset: 2.798 ms
Remote clock offset: -2.856 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:22:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 107.30 Mbit/s
95th percentile per-packet one-way delay: 24.871 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 107.30 Mbit/s
95th percentile per-packet one-way delay: 24.871 ms
Loss rate: 0.37%
```

Run 5: Report of Saturator — Data Link

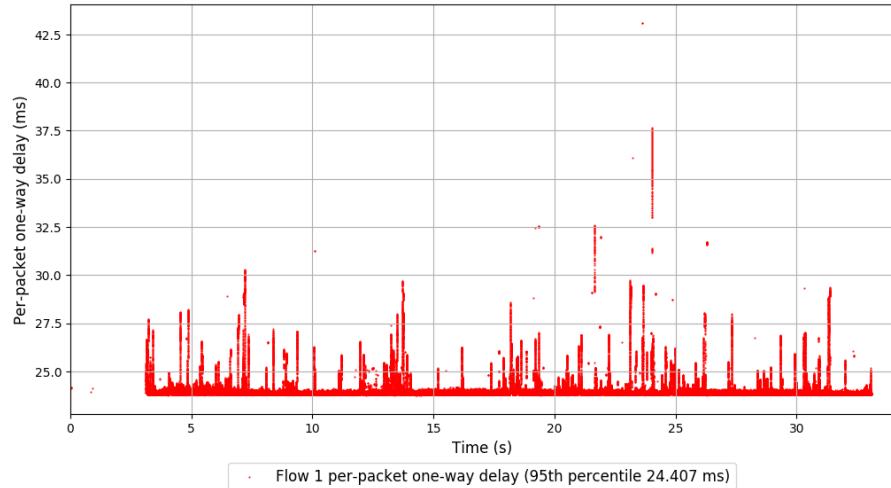
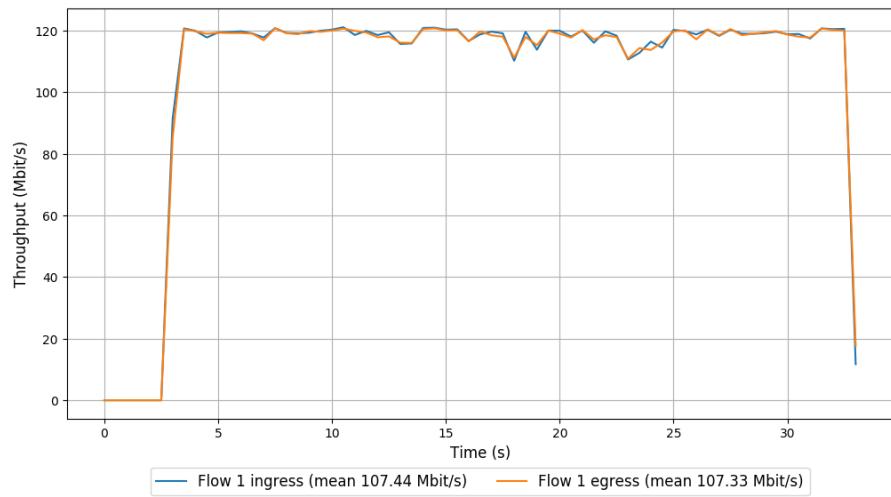


Run 6: Statistics of Saturator

```
Start at: Tue, 13 Jun 2017 09:20:05 +0000
End at: Tue, 13 Jun 2017 09:20:35 +0000
Local clock offset: 2.375 ms
Remote clock offset: -2.719 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:22:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 107.33 Mbit/s
95th percentile per-packet one-way delay: 24.407 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 107.33 Mbit/s
95th percentile per-packet one-way delay: 24.407 ms
Loss rate: 0.12%
```

Run 6: Report of Saturator — Data Link



Run 7: Statistics of Saturator

Start at: Tue, 13 Jun 2017 09:41:14 +0000

End at: Tue, 13 Jun 2017 09:41:44 +0000

Local clock offset: 3.795 ms

Remote clock offset: -2.511 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:23:00 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 107.74 Mbit/s

95th percentile per-packet one-way delay: 25.429 ms

Loss rate: 0.12%

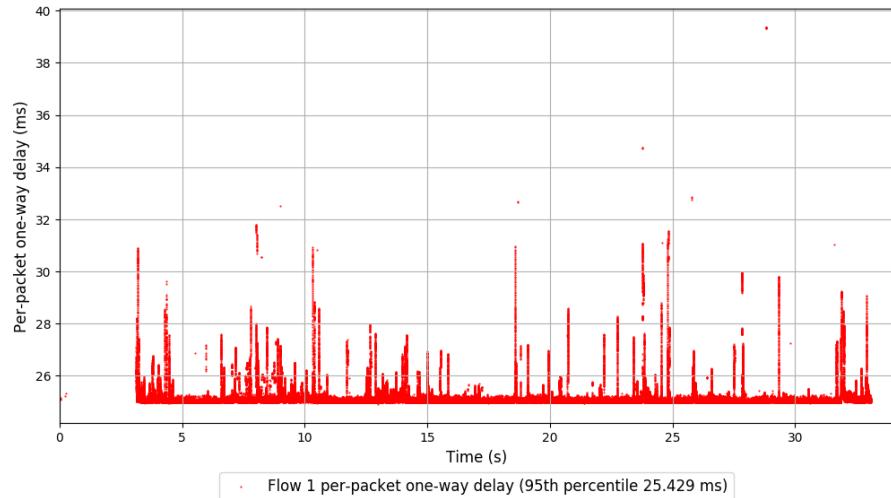
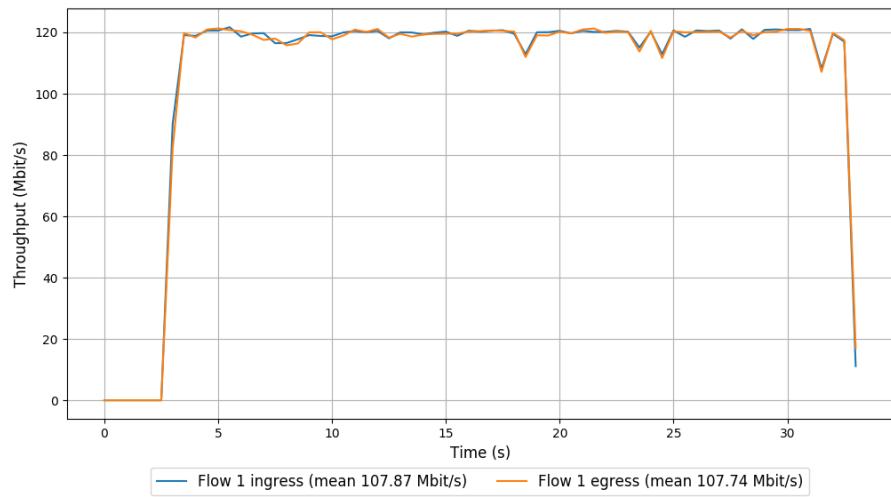
-- Flow 1:

Average throughput: 107.74 Mbit/s

95th percentile per-packet one-way delay: 25.429 ms

Loss rate: 0.12%

Run 7: Report of Saturator — Data Link

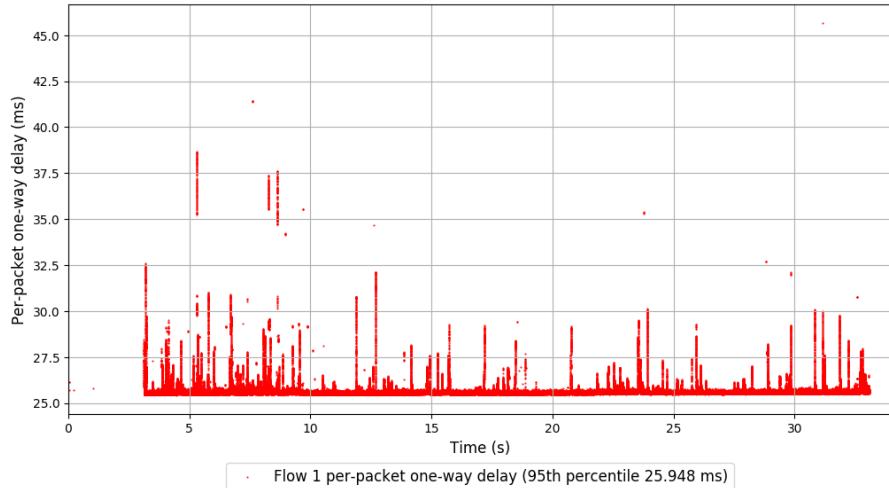
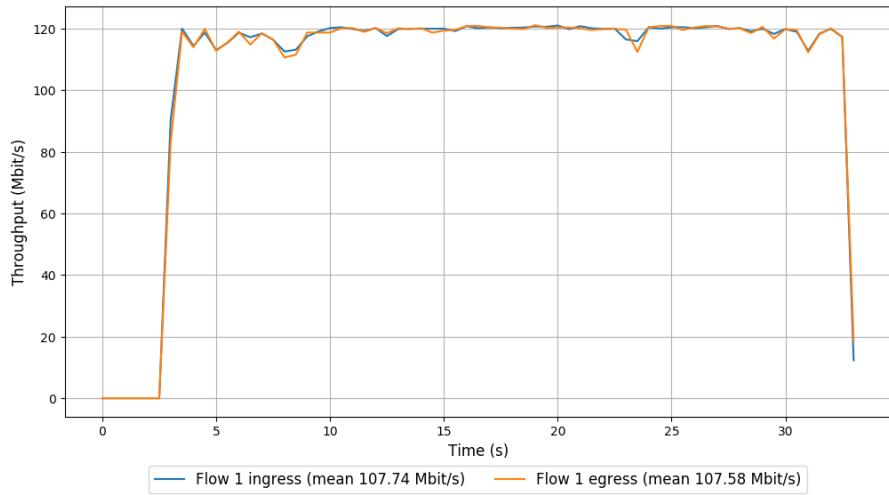


Run 8: Statistics of Saturator

```
Start at: Tue, 13 Jun 2017 10:02:23 +0000
End at: Tue, 13 Jun 2017 10:02:53 +0000
Local clock offset: 3.793 ms
Remote clock offset: -2.91 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:23:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 107.58 Mbit/s
95th percentile per-packet one-way delay: 25.948 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 107.58 Mbit/s
95th percentile per-packet one-way delay: 25.948 ms
Loss rate: 0.14%
```

Run 8: Report of Saturator — Data Link

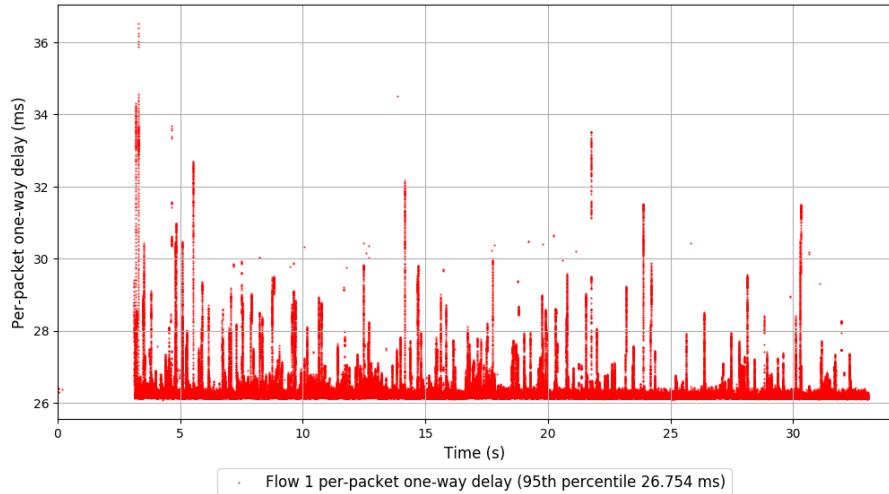
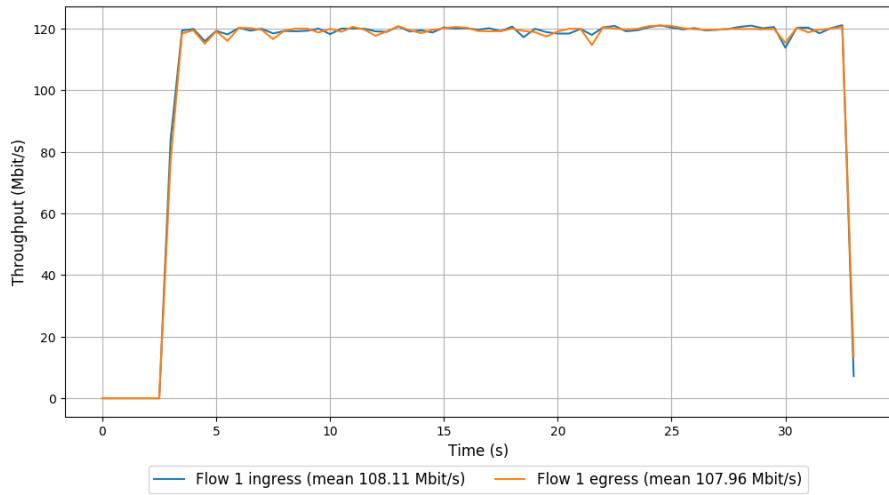


Run 9: Statistics of Saturator

```
Start at: Tue, 13 Jun 2017 10:23:27 +0000
End at: Tue, 13 Jun 2017 10:23:57 +0000
Local clock offset: 4.62 ms
Remote clock offset: -2.821 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:23:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 107.96 Mbit/s
95th percentile per-packet one-way delay: 26.754 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 107.96 Mbit/s
95th percentile per-packet one-way delay: 26.754 ms
Loss rate: 0.14%
```

Run 9: Report of Saturator — Data Link

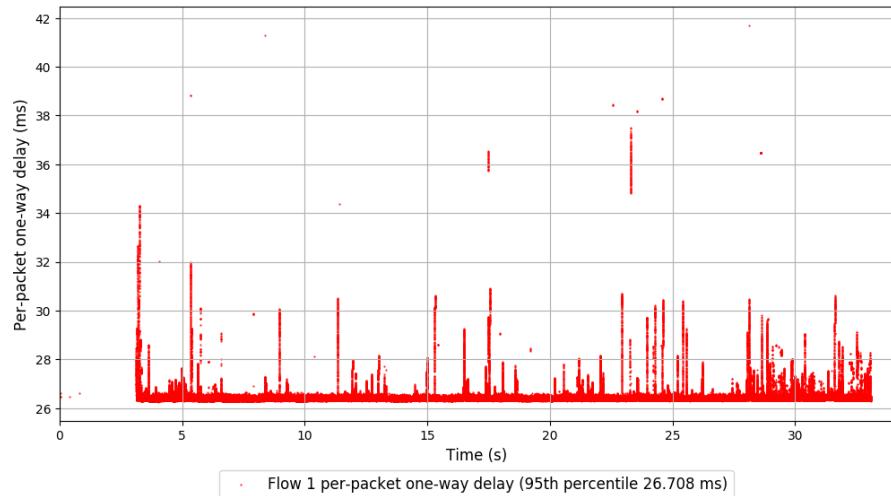
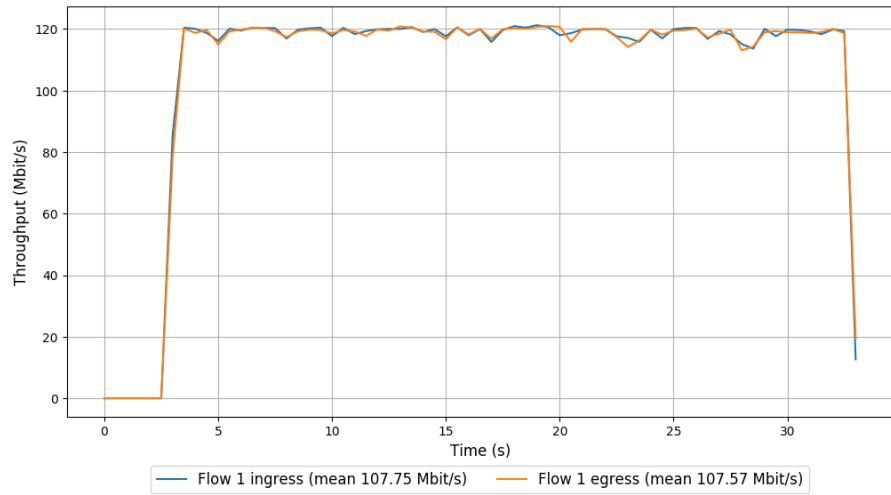


Run 10: Statistics of Saturator

```
Start at: Tue, 13 Jun 2017 10:44:35 +0000
End at: Tue, 13 Jun 2017 10:45:05 +0000
Local clock offset: 5.217 ms
Remote clock offset: -2.359 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:23:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 107.57 Mbit/s
95th percentile per-packet one-way delay: 26.708 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 107.57 Mbit/s
95th percentile per-packet one-way delay: 26.708 ms
Loss rate: 0.16%
```

Run 10: Report of Saturator — Data Link

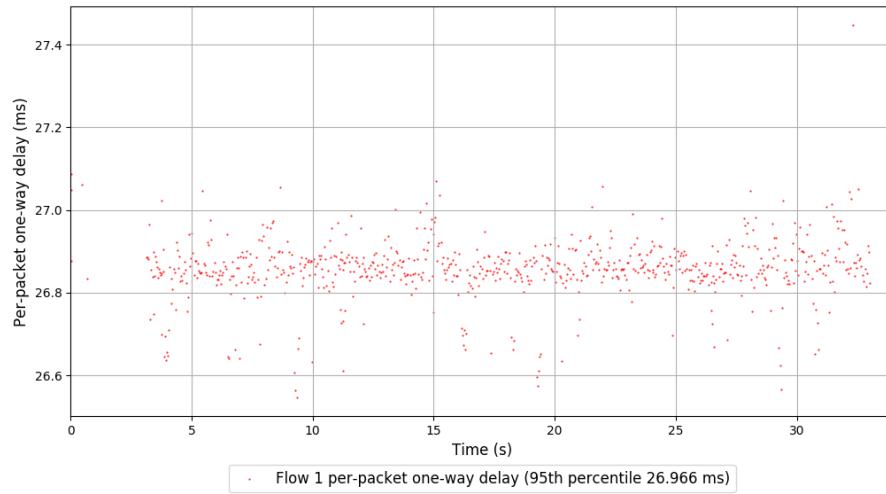
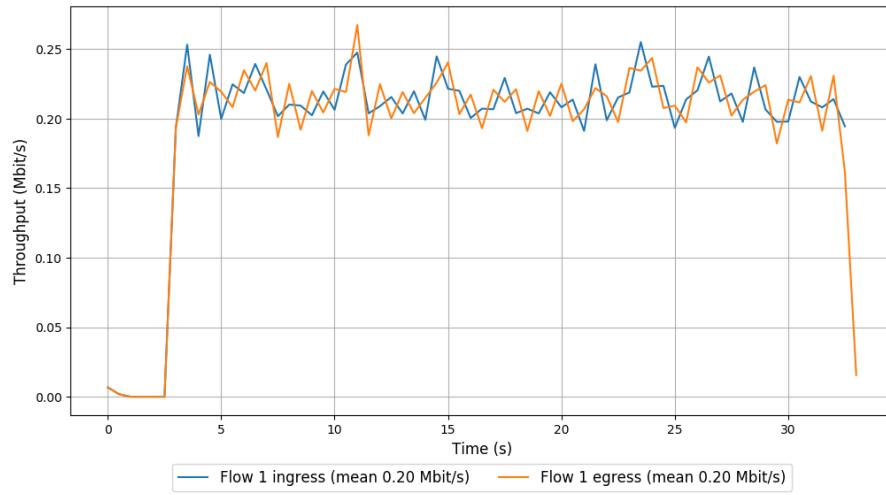


Run 1: Statistics of SCReAM

```
Start at: Tue, 13 Jun 2017 07:21:14 +0000
End at: Tue, 13 Jun 2017 07:21:44 +0000
Local clock offset: 3.724 ms
Remote clock offset: -4.018 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:23:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 26.966 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 26.966 ms
Loss rate: 0.13%
```

Run 1: Report of SCReAM — Data Link

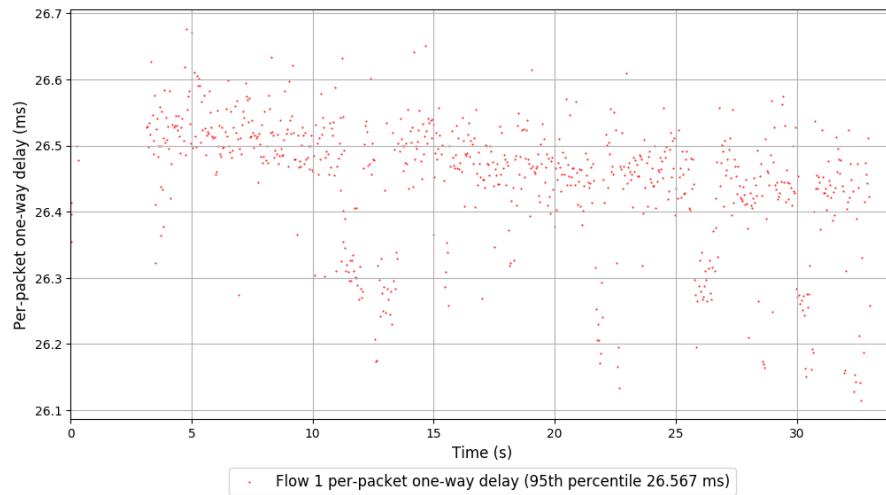
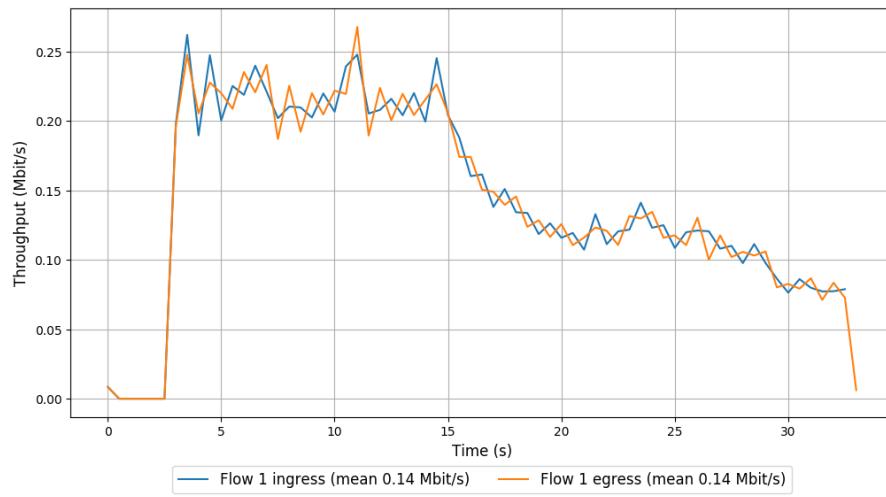


Run 2: Statistics of SCReAM

```
Start at: Tue, 13 Jun 2017 07:42:11 +0000
End at: Tue, 13 Jun 2017 07:42:41 +0000
Local clock offset: 3.514 ms
Remote clock offset: -3.924 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:23:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 26.567 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 26.567 ms
Loss rate: 0.30%
```

## Run 2: Report of SCReAM — Data Link

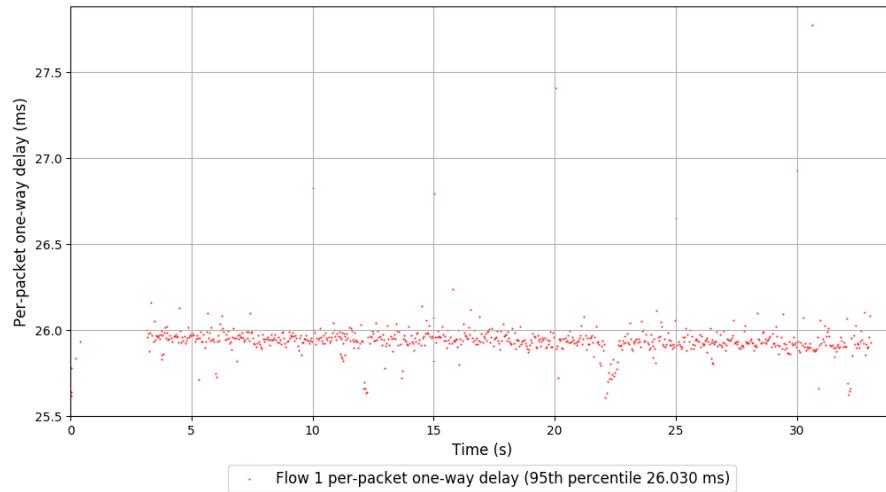
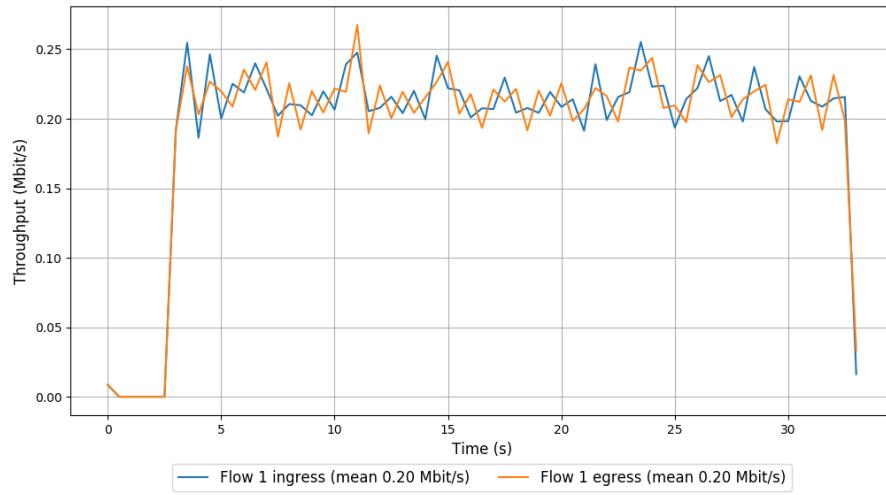


Run 3: Statistics of SCReAM

```
Start at: Tue, 13 Jun 2017 08:03:11 +0000
End at: Tue, 13 Jun 2017 08:03:41 +0000
Local clock offset: 3.768 ms
Remote clock offset: -3.189 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:23:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 26.030 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 26.030 ms
Loss rate: 0.00%
```

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

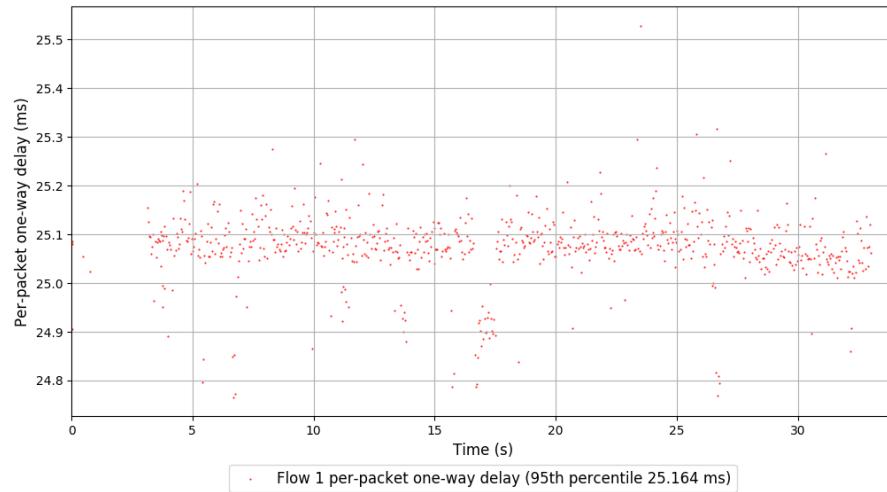
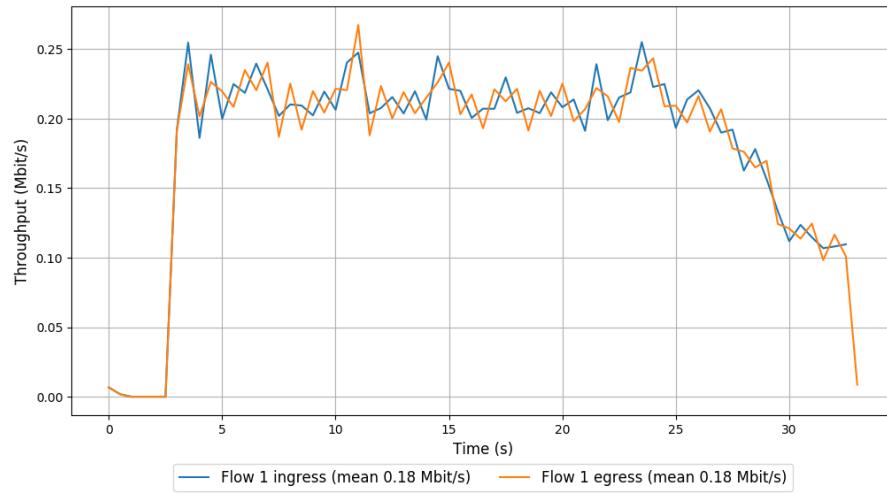


Run 4: Statistics of SCReAM

```
Start at: Tue, 13 Jun 2017 08:24:07 +0000
End at: Tue, 13 Jun 2017 08:24:37 +0000
Local clock offset: 3.071 ms
Remote clock offset: -2.878 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:23:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 25.164 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 25.164 ms
Loss rate: 0.17%
```

## Run 4: Report of SCReAM — Data Link

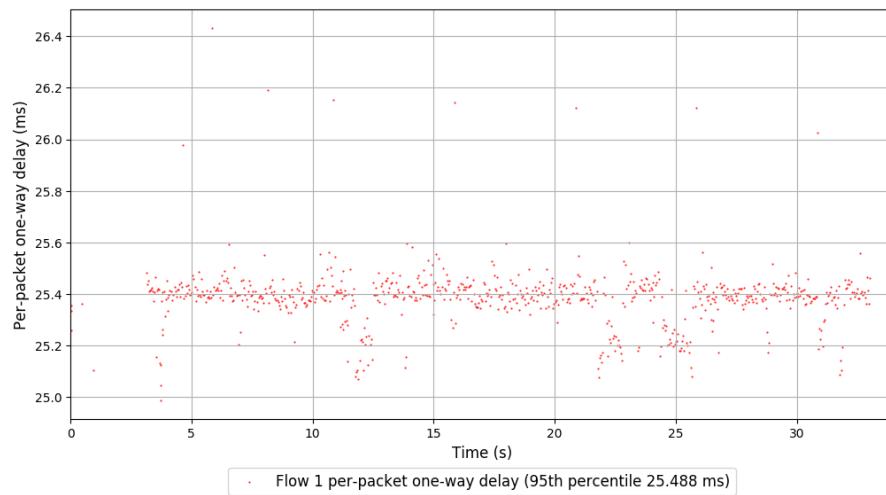
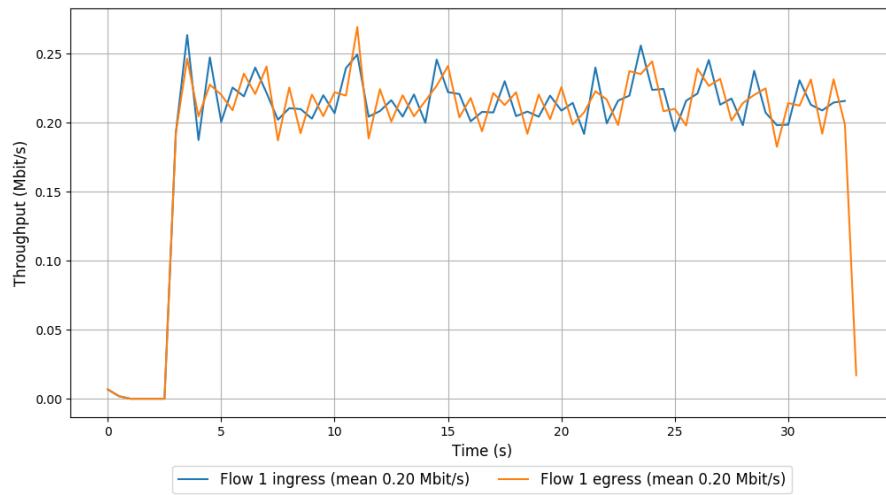


Run 5: Statistics of SCReAM

```
Start at: Tue, 13 Jun 2017 08:45:02 +0000
End at: Tue, 13 Jun 2017 08:45:32 +0000
Local clock offset: 3.183 ms
Remote clock offset: -3.118 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:23:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 25.488 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 25.488 ms
Loss rate: 0.00%
```

Run 5: Report of SCReAM — Data Link

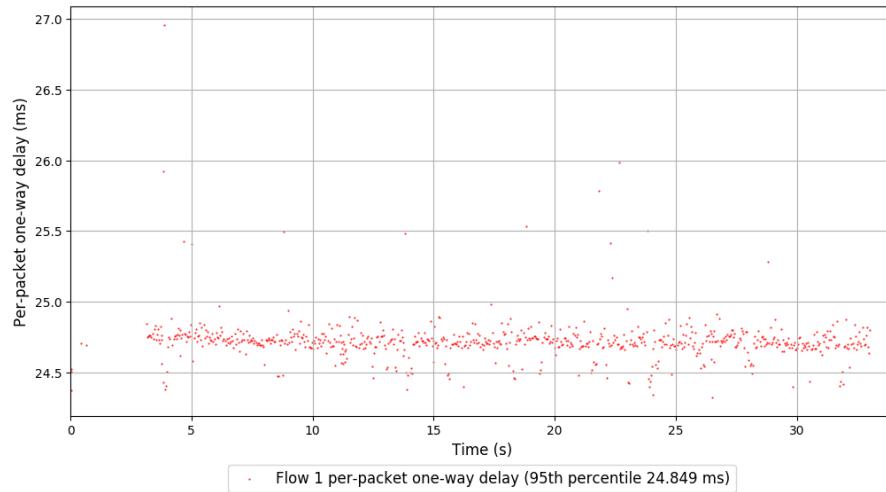
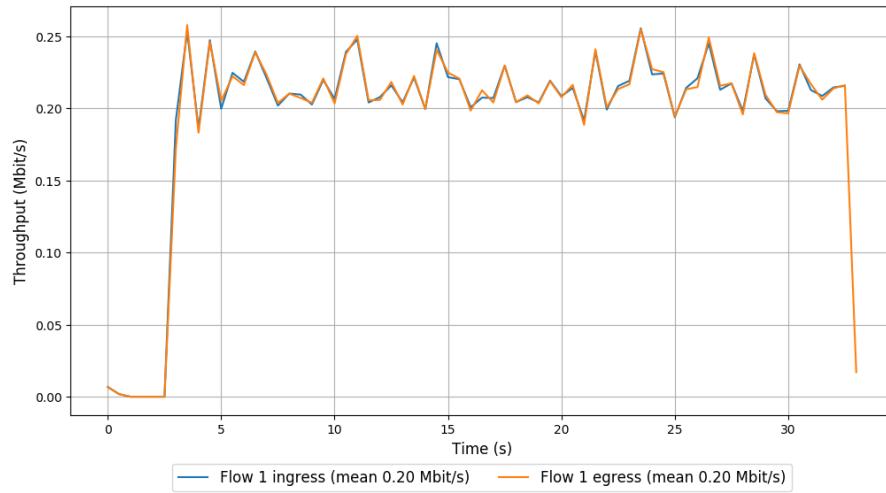


Run 6: Statistics of SCReAM

```
Start at: Tue, 13 Jun 2017 09:06:00 +0000
End at: Tue, 13 Jun 2017 09:06:30 +0000
Local clock offset: 2.8 ms
Remote clock offset: -2.952 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:23:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 24.849 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 24.849 ms
Loss rate: 0.00%
```

Run 6: Report of SCReAM — Data Link

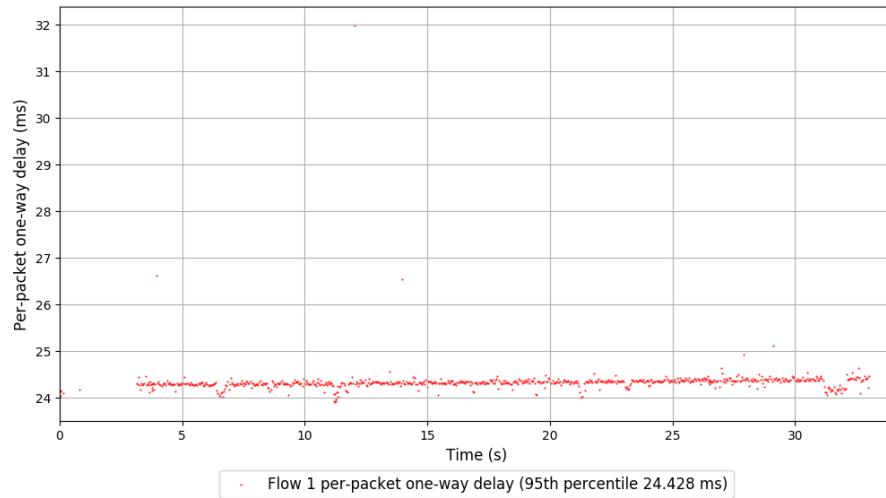
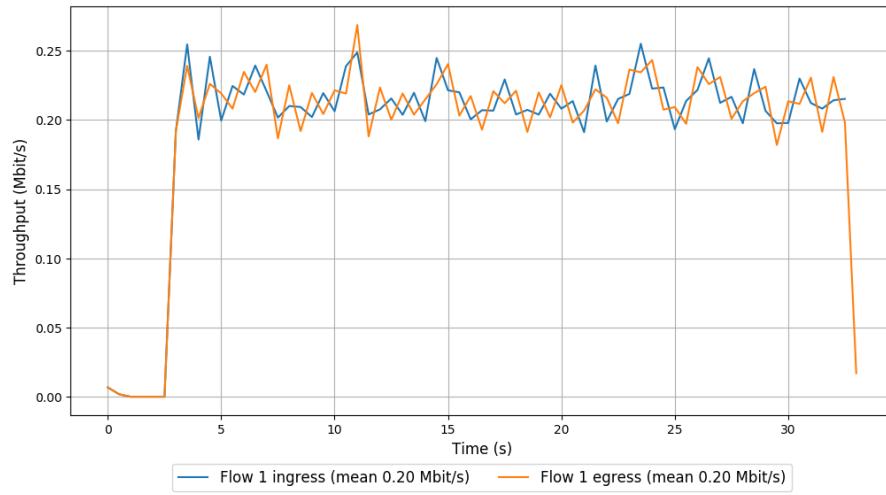


Run 7: Statistics of SCReAM

```
Start at: Tue, 13 Jun 2017 09:27:02 +0000
End at: Tue, 13 Jun 2017 09:27:32 +0000
Local clock offset: 2.421 ms
Remote clock offset: -2.71 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:23:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 24.428 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 24.428 ms
Loss rate: 0.00%
```

Run 7: Report of SCReAM — Data Link

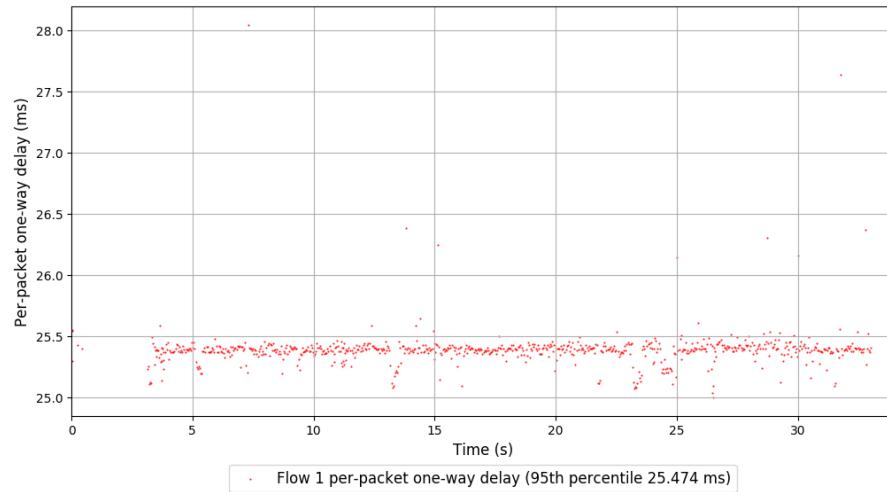
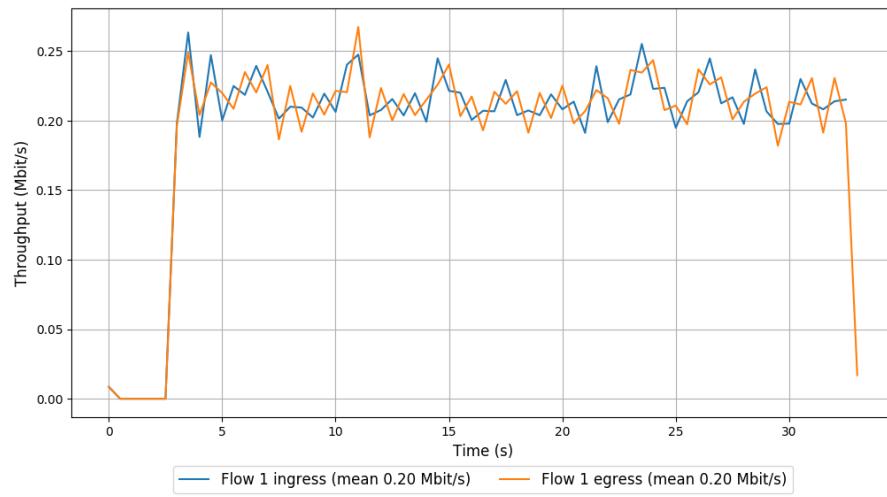


Run 8: Statistics of SCReAM

```
Start at: Tue, 13 Jun 2017 09:48:10 +0000
End at: Tue, 13 Jun 2017 09:48:40 +0000
Local clock offset: 3.644 ms
Remote clock offset: -2.599 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:23:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 25.474 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 25.474 ms
Loss rate: 0.00%
```

Run 8: Report of SCReAM — Data Link

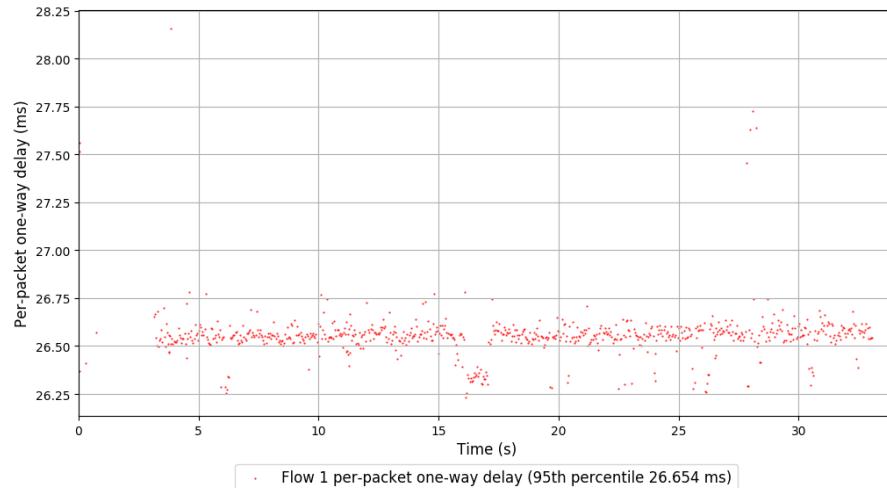
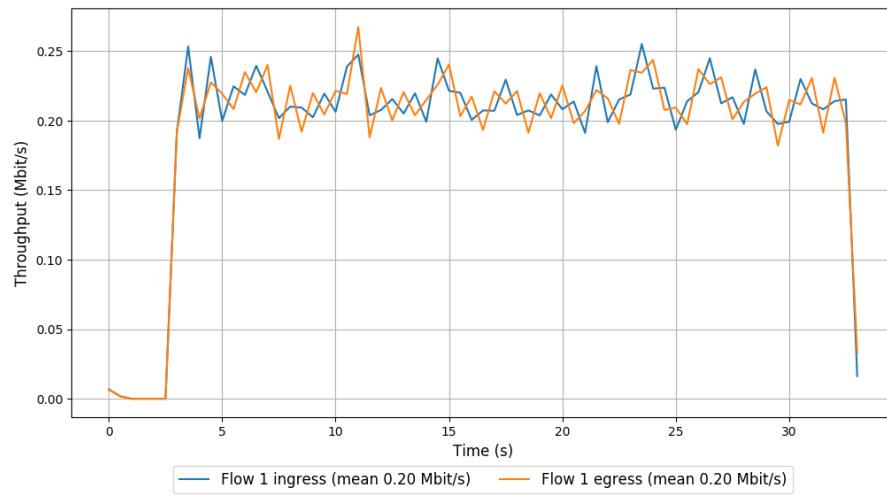


Run 9: Statistics of SCReAM

```
Start at: Tue, 13 Jun 2017 10:09:17 +0000
End at: Tue, 13 Jun 2017 10:09:47 +0000
Local clock offset: 4.389 ms
Remote clock offset: -3.021 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:23:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 26.654 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 26.654 ms
Loss rate: 0.00%
```

Run 9: Report of SCReAM — Data Link

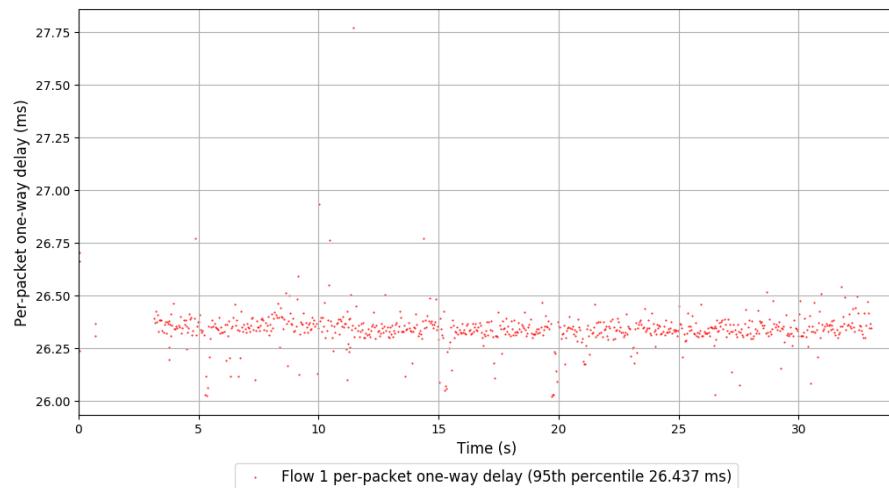
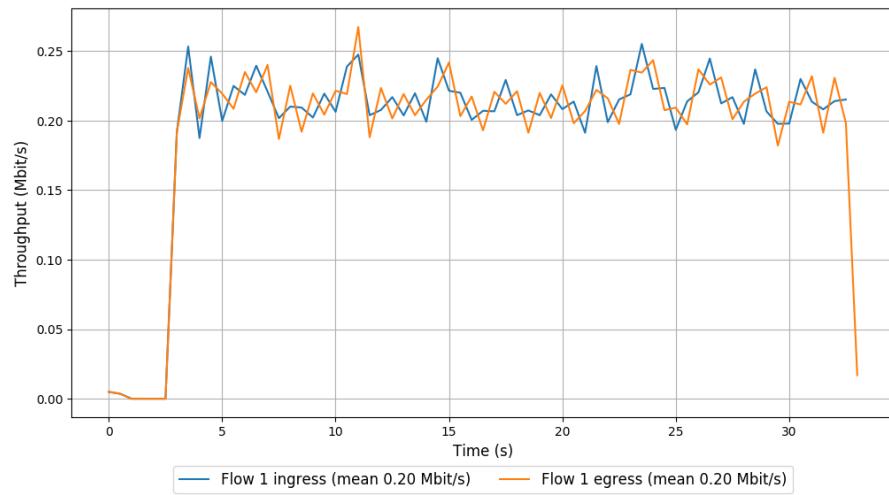


Run 10: Statistics of SCReAM

```
Start at: Tue, 13 Jun 2017 10:30:28 +0000
End at: Tue, 13 Jun 2017 10:30:58 +0000
Local clock offset: 4.622 ms
Remote clock offset: -2.656 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:23:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 26.437 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 26.437 ms
Loss rate: 0.00%
```

## Run 10: Report of SCReAM — Data Link

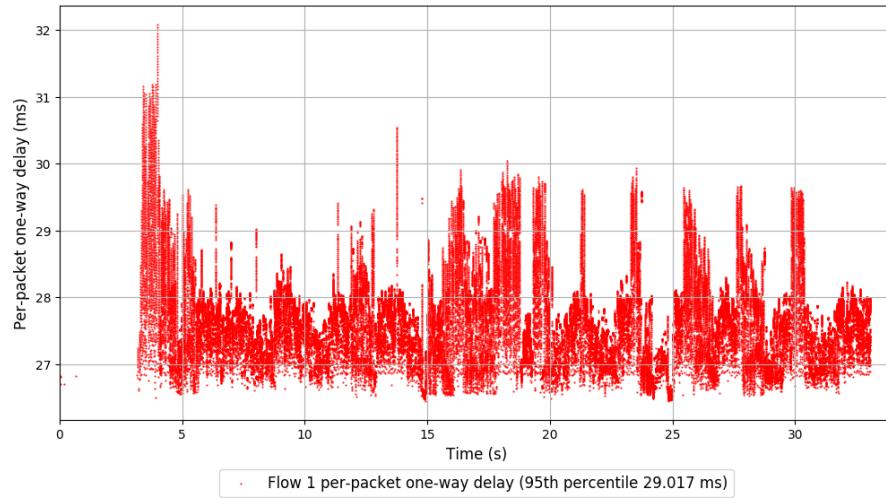
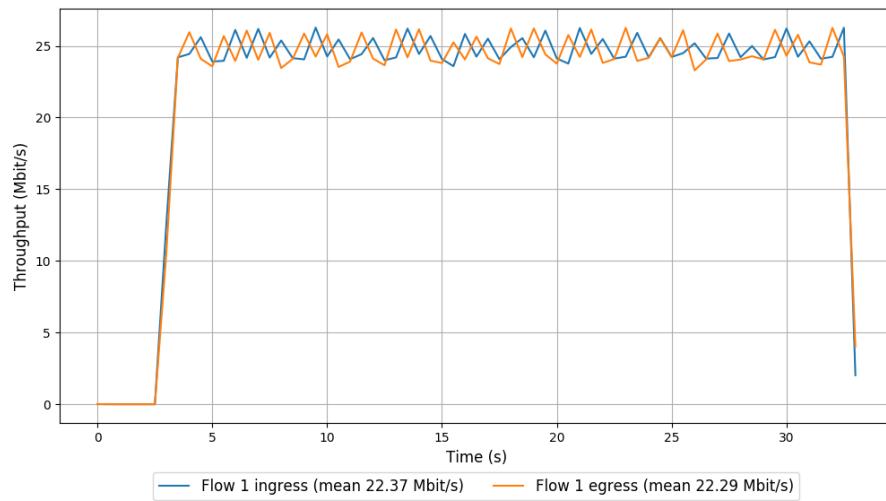


Run 1: Statistics of Sprout

```
Start at: Tue, 13 Jun 2017 07:19:59 +0000
End at: Tue, 13 Jun 2017 07:20:29 +0000
Local clock offset: 3.689 ms
Remote clock offset: -3.947 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:23:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.29 Mbit/s
95th percentile per-packet one-way delay: 29.017 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 22.29 Mbit/s
95th percentile per-packet one-way delay: 29.017 ms
Loss rate: 0.33%
```

## Run 1: Report of Sprout — Data Link

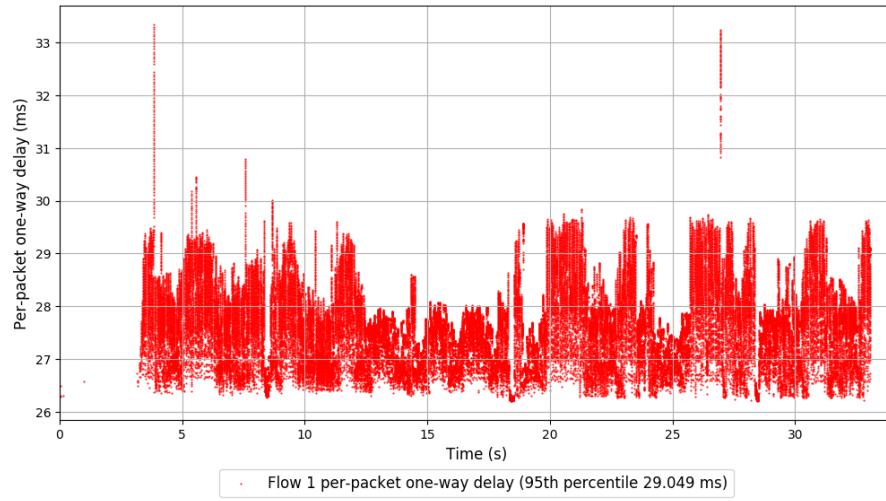
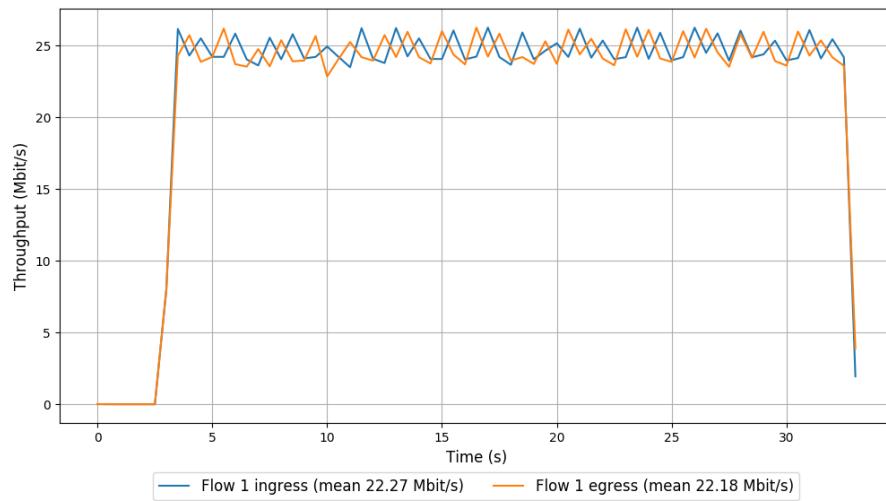


Run 2: Statistics of Sprout

```
Start at: Tue, 13 Jun 2017 07:40:55 +0000
End at: Tue, 13 Jun 2017 07:41:25 +0000
Local clock offset: 3.538 ms
Remote clock offset: -3.864 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:23:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.18 Mbit/s
95th percentile per-packet one-way delay: 29.049 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 22.18 Mbit/s
95th percentile per-packet one-way delay: 29.049 ms
Loss rate: 0.41%
```

## Run 2: Report of Sprout — Data Link

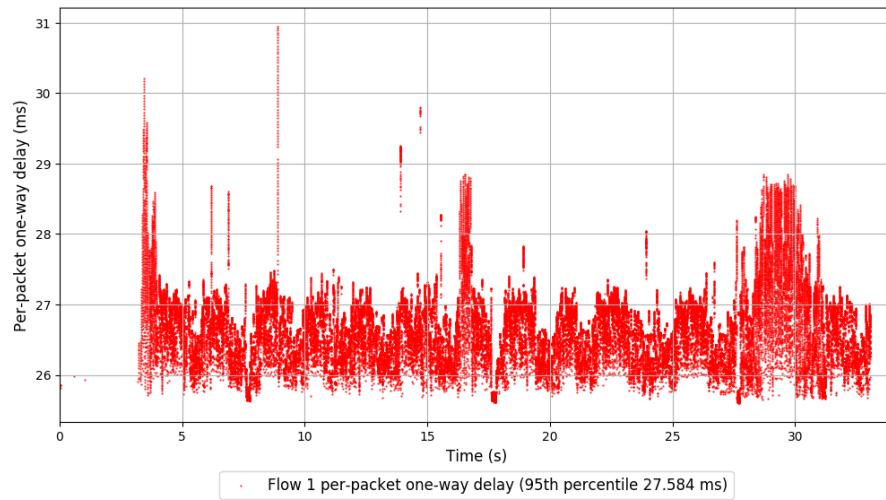
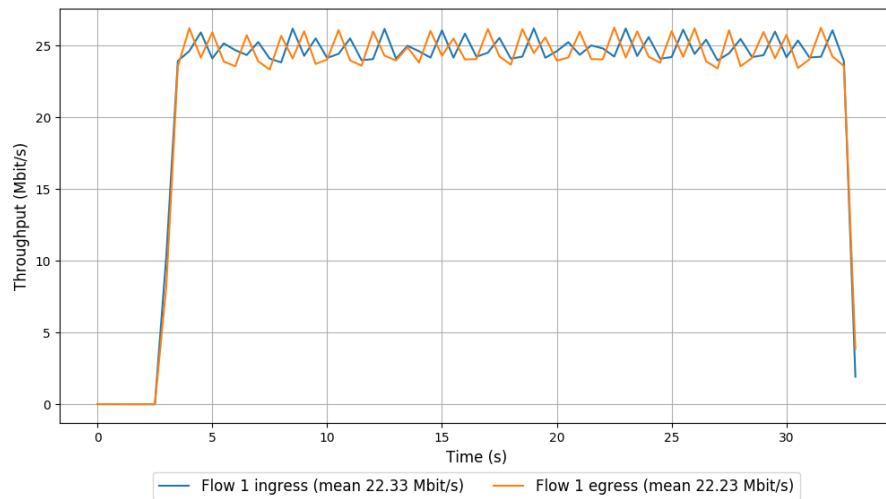


Run 3: Statistics of Sprout

```
Start at: Tue, 13 Jun 2017 08:01:56 +0000
End at: Tue, 13 Jun 2017 08:02:26 +0000
Local clock offset: 3.703 ms
Remote clock offset: -3.195 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:23:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.23 Mbit/s
95th percentile per-packet one-way delay: 27.584 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 22.23 Mbit/s
95th percentile per-packet one-way delay: 27.584 ms
Loss rate: 0.41%
```

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

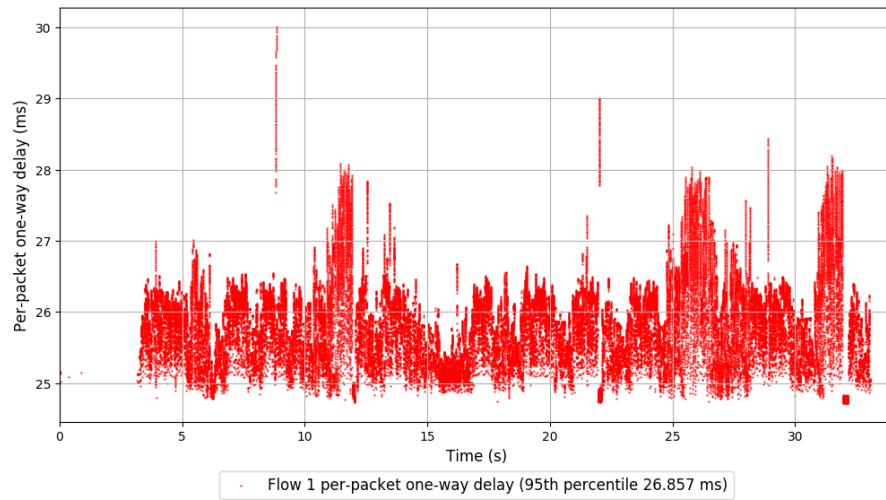
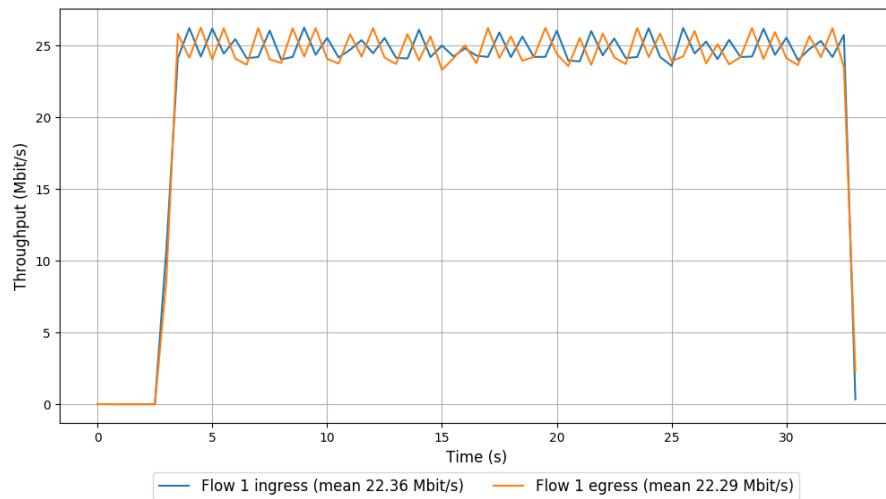


Run 4: Statistics of Sprout

```
Start at: Tue, 13 Jun 2017 08:22:51 +0000
End at: Tue, 13 Jun 2017 08:23:21 +0000
Local clock offset: 3.247 ms
Remote clock offset: -2.906 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:23:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.29 Mbit/s
95th percentile per-packet one-way delay: 26.857 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 22.29 Mbit/s
95th percentile per-packet one-way delay: 26.857 ms
Loss rate: 0.31%
```

## Run 4: Report of Sprout — Data Link

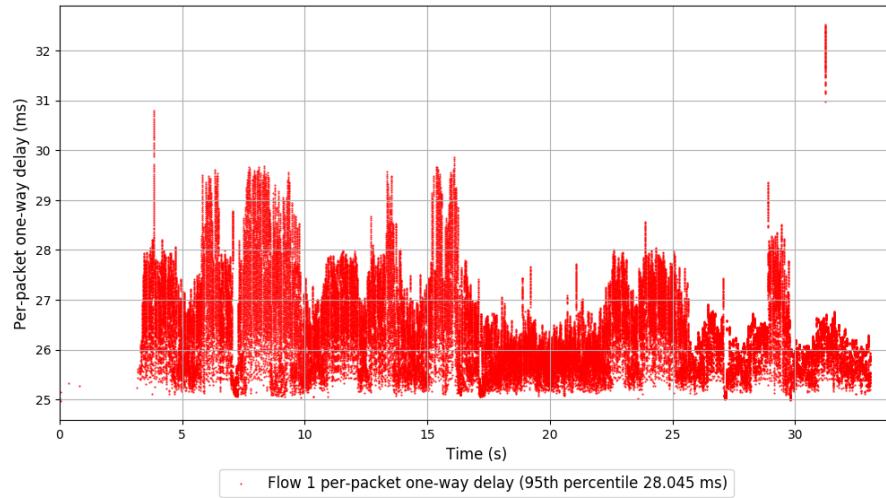
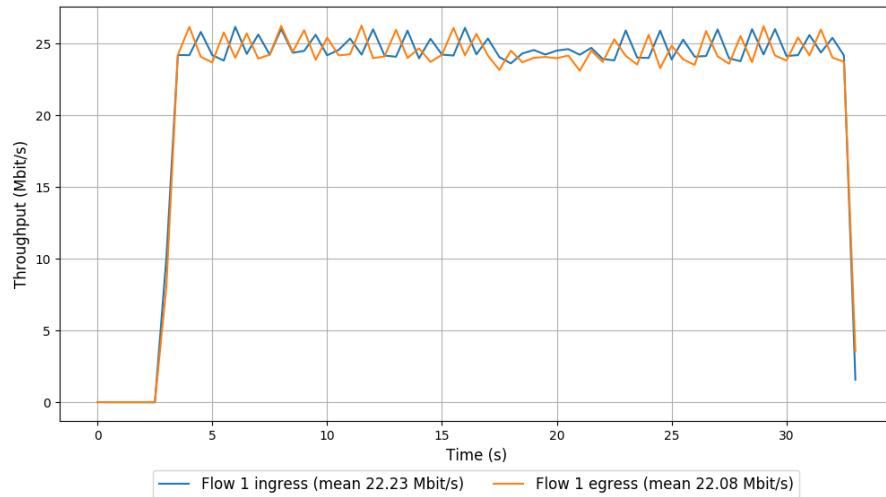


Run 5: Statistics of Sprout

```
Start at: Tue, 13 Jun 2017 08:43:46 +0000
End at: Tue, 13 Jun 2017 08:44:16 +0000
Local clock offset: 3.189 ms
Remote clock offset: -3.111 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:23:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.08 Mbit/s
95th percentile per-packet one-way delay: 28.045 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 22.08 Mbit/s
95th percentile per-packet one-way delay: 28.045 ms
Loss rate: 0.69%
```

Run 5: Report of Sprout — Data Link

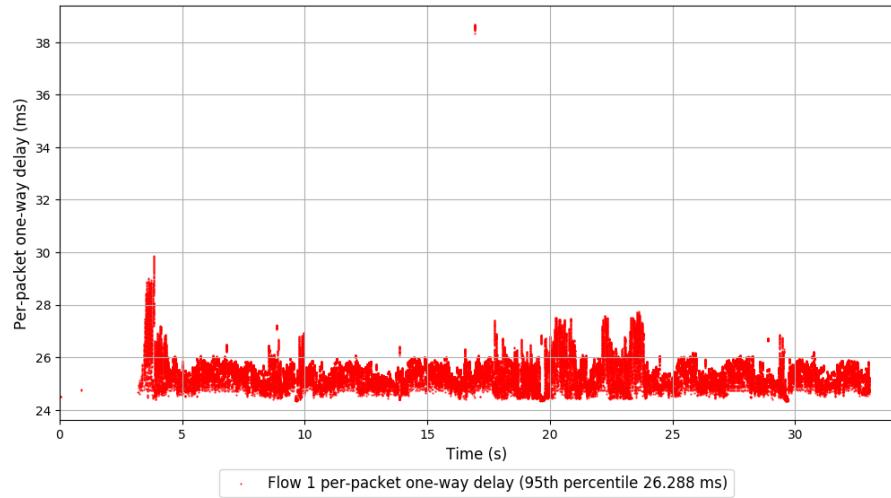
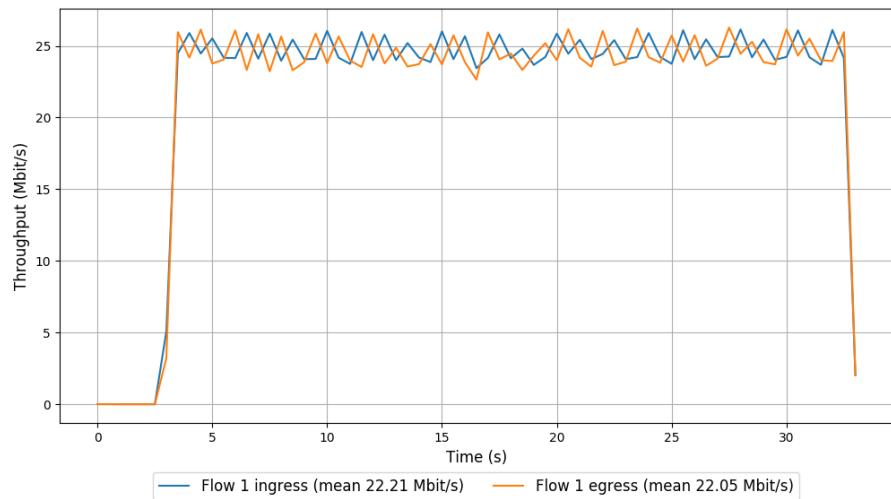


Run 6: Statistics of Sprout

```
Start at: Tue, 13 Jun 2017 09:04:44 +0000
End at: Tue, 13 Jun 2017 09:05:14 +0000
Local clock offset: 2.829 ms
Remote clock offset: -2.907 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:23:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.05 Mbit/s
95th percentile per-packet one-way delay: 26.288 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 22.05 Mbit/s
95th percentile per-packet one-way delay: 26.288 ms
Loss rate: 0.73%
```

## Run 6: Report of Sprout — Data Link

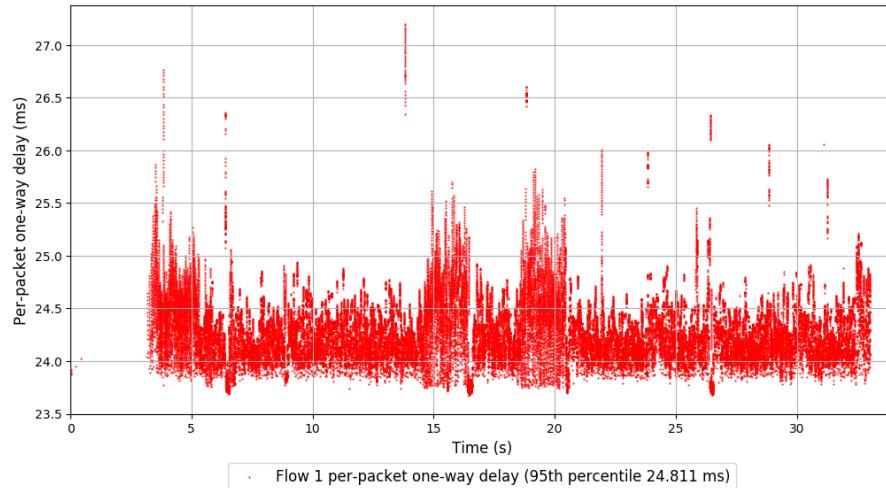
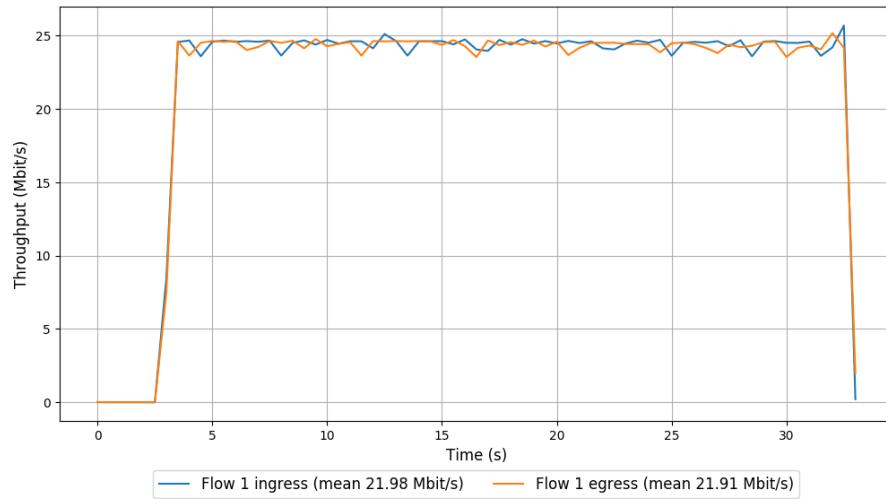


Run 7: Statistics of Sprout

```
Start at: Tue, 13 Jun 2017 09:25:47 +0000
End at: Tue, 13 Jun 2017 09:26:17 +0000
Local clock offset: 2.391 ms
Remote clock offset: -2.75 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:23:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 21.91 Mbit/s
95th percentile per-packet one-way delay: 24.811 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 21.91 Mbit/s
95th percentile per-packet one-way delay: 24.811 ms
Loss rate: 0.30%
```

## Run 7: Report of Sprout — Data Link

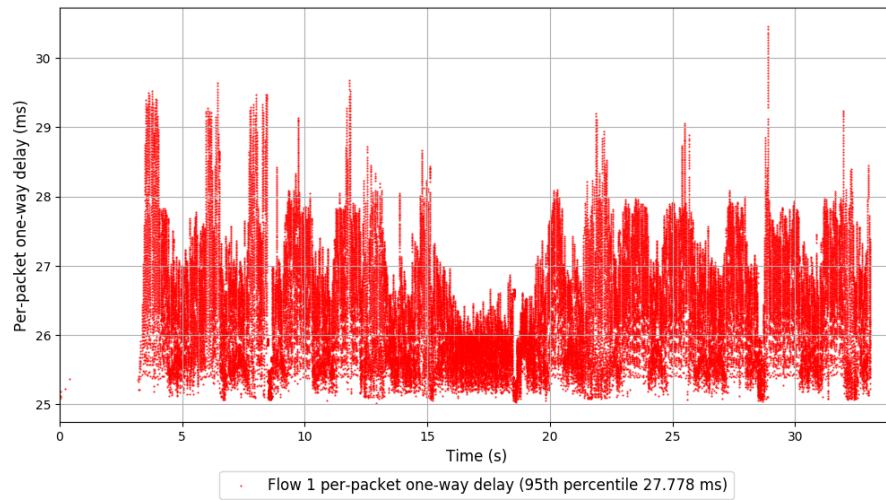
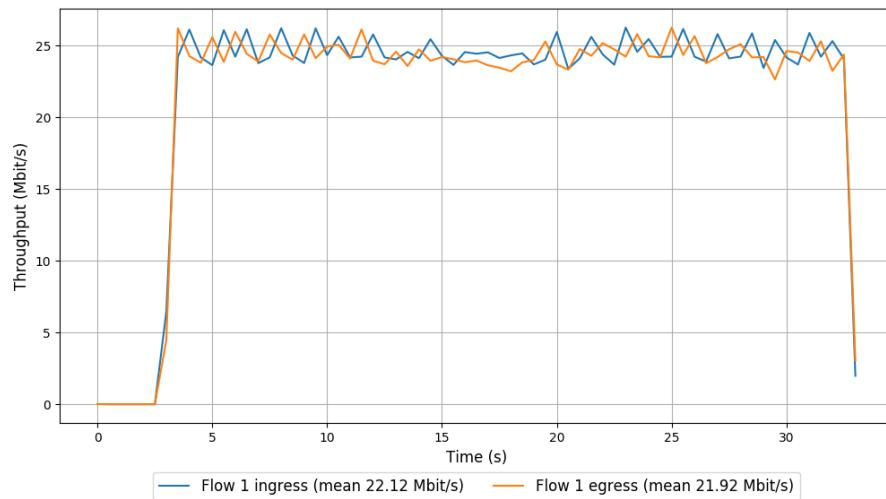


Run 8: Statistics of Sprout

```
Start at: Tue, 13 Jun 2017 09:46:55 +0000
End at: Tue, 13 Jun 2017 09:47:25 +0000
Local clock offset: 3.722 ms
Remote clock offset: -2.54 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:23:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 21.92 Mbit/s
95th percentile per-packet one-way delay: 27.778 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 21.92 Mbit/s
95th percentile per-packet one-way delay: 27.778 ms
Loss rate: 0.88%
```

## Run 8: Report of Sprout — Data Link

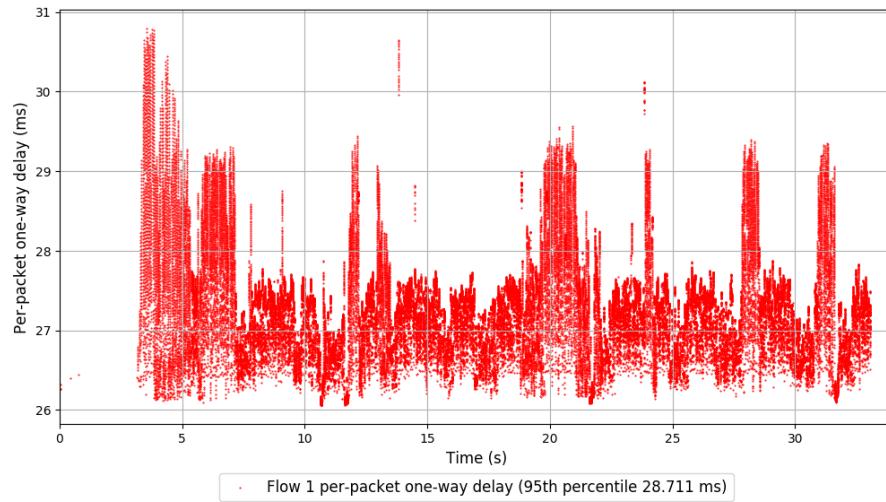
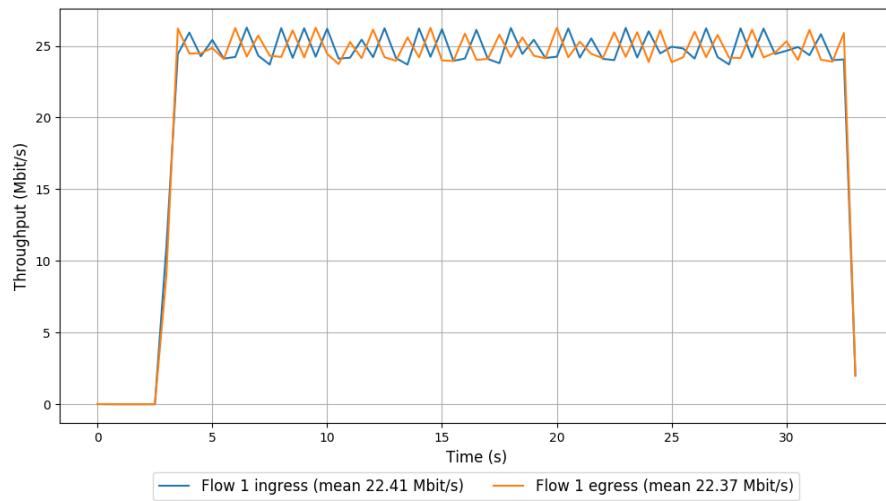


Run 9: Statistics of Sprout

```
Start at: Tue, 13 Jun 2017 10:08:02 +0000
End at: Tue, 13 Jun 2017 10:08:32 +0000
Local clock offset: 4.234 ms
Remote clock offset: -2.972 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:23:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.37 Mbit/s
95th percentile per-packet one-way delay: 28.711 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 22.37 Mbit/s
95th percentile per-packet one-way delay: 28.711 ms
Loss rate: 0.18%
```

Run 9: Report of Sprout — Data Link

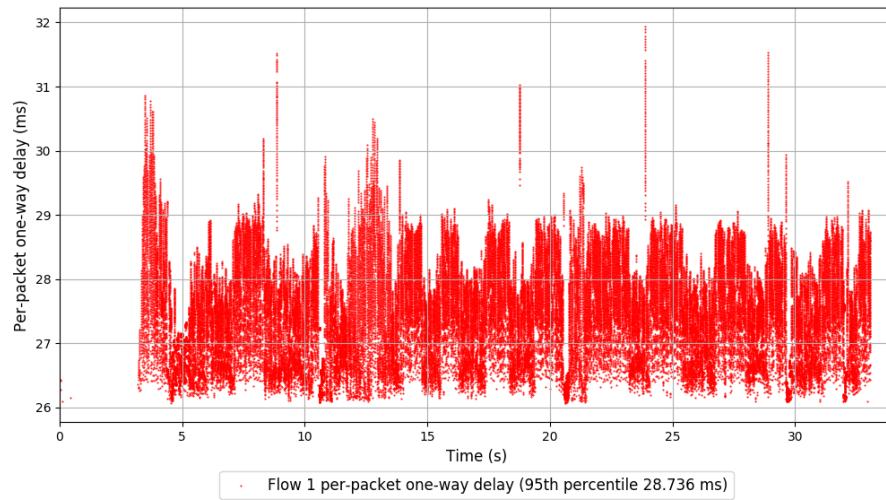
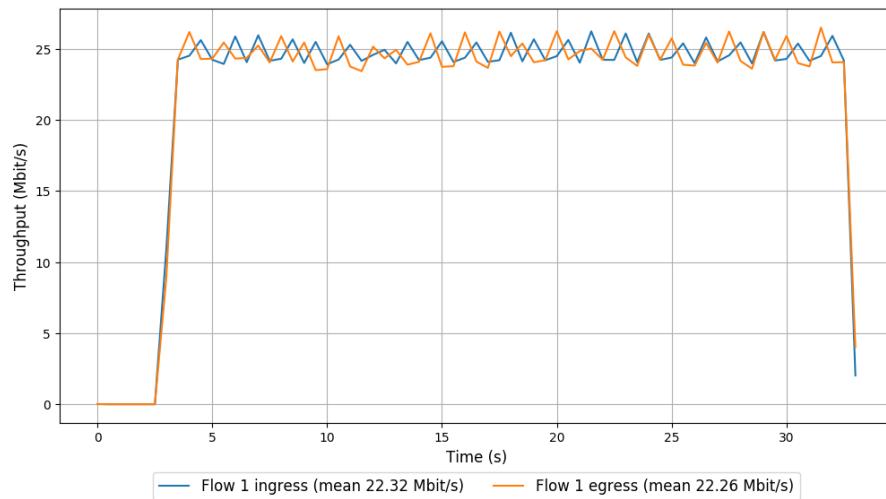


Run 10: Statistics of Sprout

```
Start at: Tue, 13 Jun 2017 10:29:13 +0000
End at: Tue, 13 Jun 2017 10:29:43 +0000
Local clock offset: 4.593 ms
Remote clock offset: -2.628 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:23:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.26 Mbit/s
95th percentile per-packet one-way delay: 28.736 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 22.26 Mbit/s
95th percentile per-packet one-way delay: 28.736 ms
Loss rate: 0.25%
```

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: Tue, 13 Jun 2017 07:22:29 +0000

End at: Tue, 13 Jun 2017 07:22:59 +0000

Local clock offset: 3.808 ms

Remote clock offset: -3.994 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:24:16 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 167.63 Mbit/s

95th percentile per-packet one-way delay: 26.665 ms

Loss rate: 0.18%

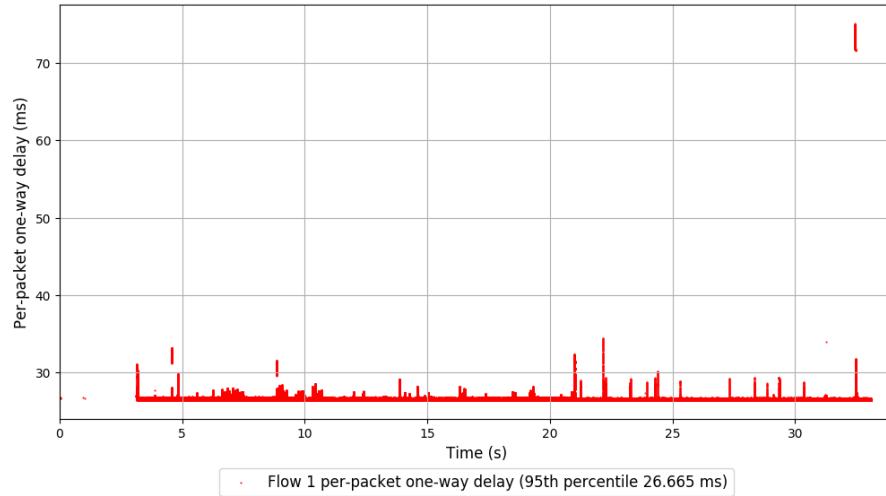
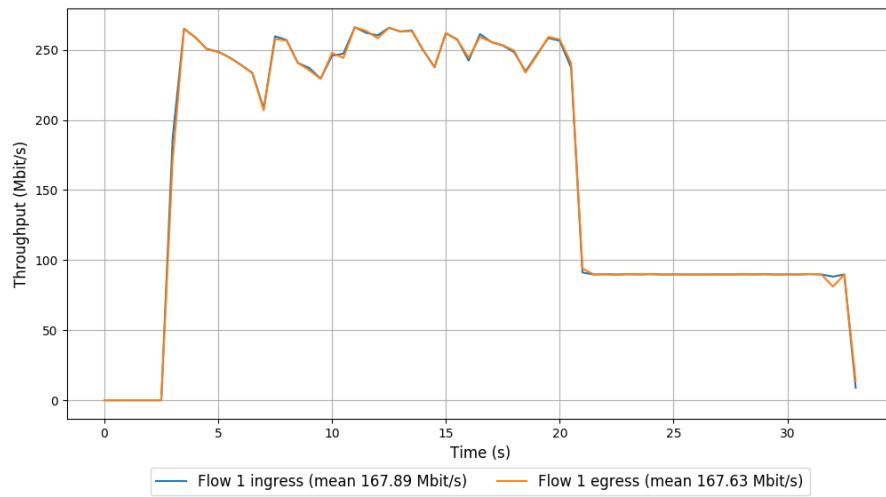
-- Flow 1:

Average throughput: 167.63 Mbit/s

95th percentile per-packet one-way delay: 26.665 ms

Loss rate: 0.18%

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

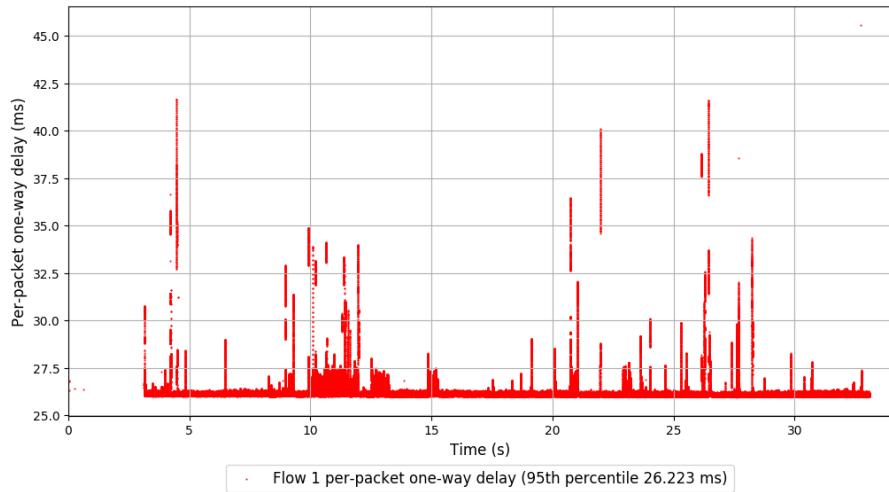
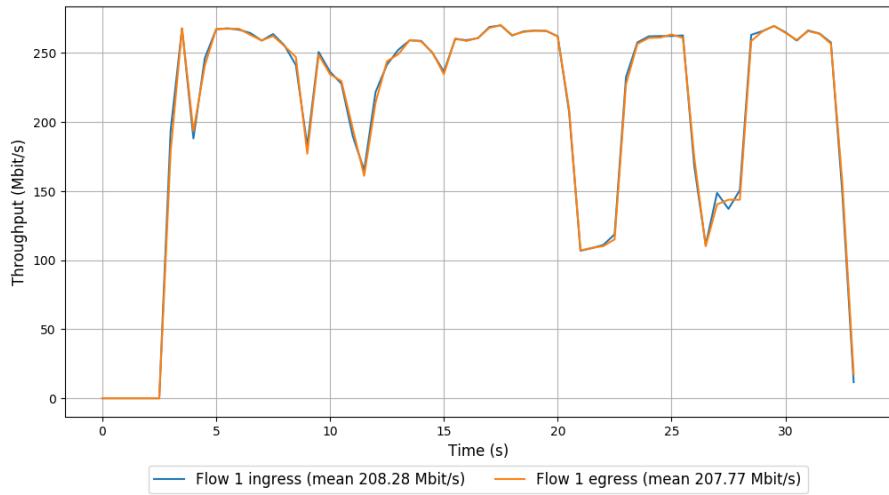


Run 2: Statistics of TaoVA-100x

```
Start at: Tue, 13 Jun 2017 07:43:25 +0000
End at: Tue, 13 Jun 2017 07:43:55 +0000
Local clock offset: 3.558 ms
Remote clock offset: -3.875 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:24:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 207.77 Mbit/s
95th percentile per-packet one-way delay: 26.223 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 207.77 Mbit/s
95th percentile per-packet one-way delay: 26.223 ms
Loss rate: 0.27%
```

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

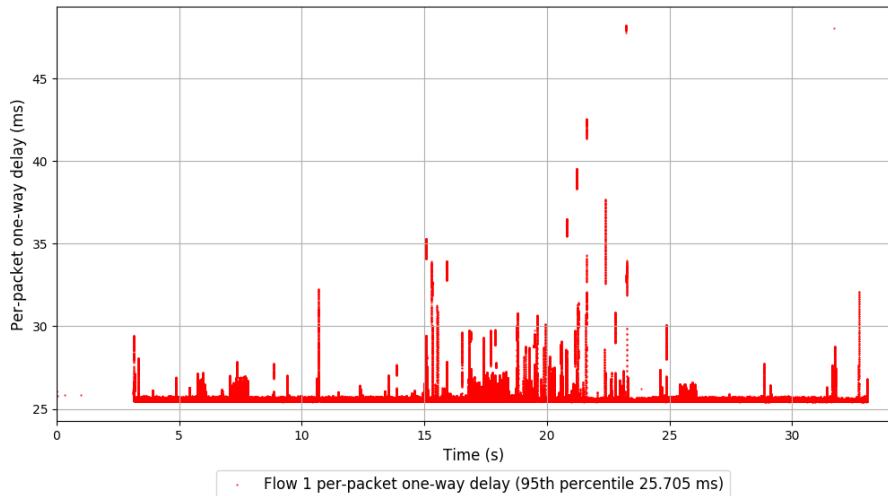
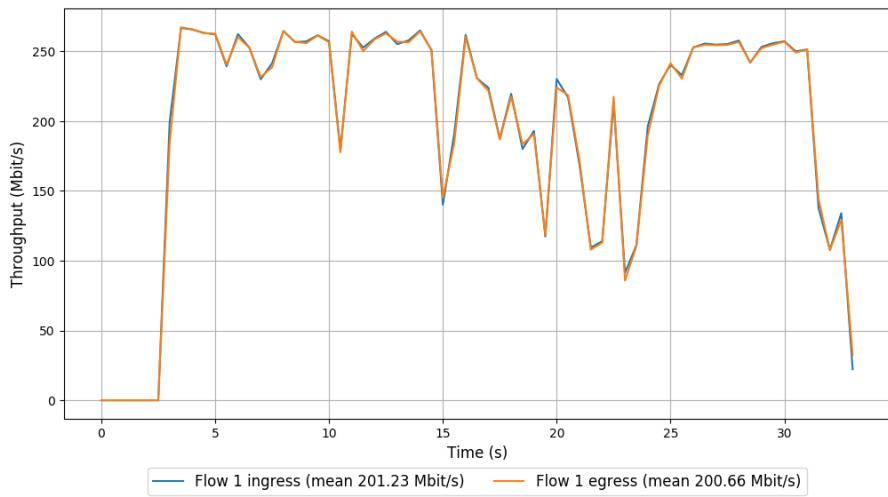


Run 3: Statistics of TaoVA-100x

```
Start at: Tue, 13 Jun 2017 08:04:26 +0000
End at: Tue, 13 Jun 2017 08:04:56 +0000
Local clock offset: 3.629 ms
Remote clock offset: -3.137 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:25:09 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 200.66 Mbit/s
95th percentile per-packet one-way delay: 25.705 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 200.66 Mbit/s
95th percentile per-packet one-way delay: 25.705 ms
Loss rate: 0.30%
```

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



Run 4: Statistics of TaoVA-100x

Start at: Tue, 13 Jun 2017 08:25:21 +0000

End at: Tue, 13 Jun 2017 08:25:51 +0000

Local clock offset: 3.162 ms

Remote clock offset: -2.94 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:25:31 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 205.99 Mbit/s

95th percentile per-packet one-way delay: 24.888 ms

Loss rate: 0.36%

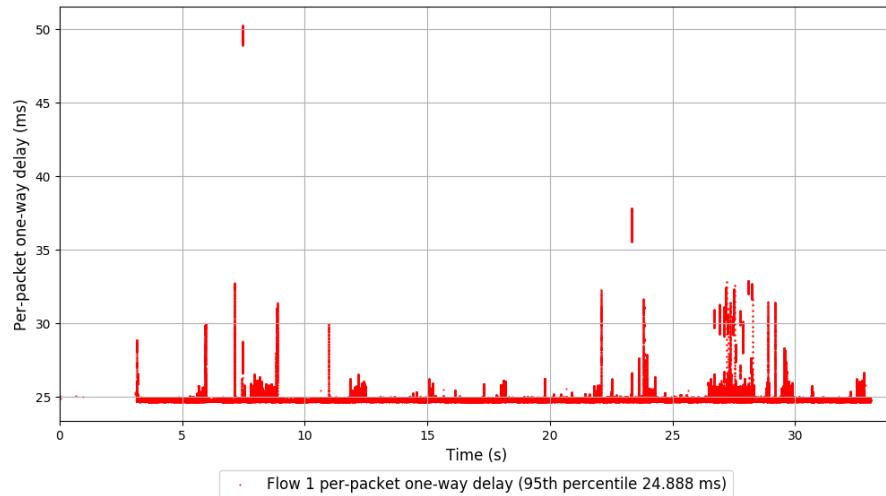
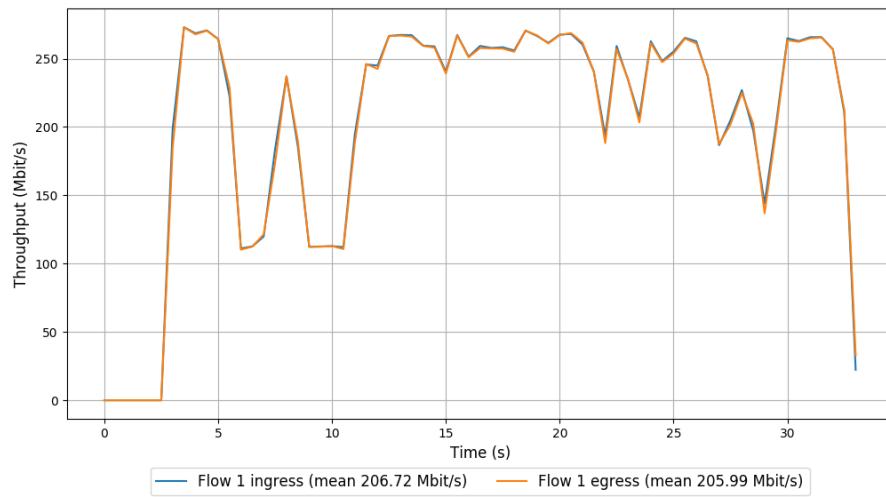
-- Flow 1:

Average throughput: 205.99 Mbit/s

95th percentile per-packet one-way delay: 24.888 ms

Loss rate: 0.36%

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



Run 5: Statistics of TaoVA-100x

Start at: Tue, 13 Jun 2017 08:46:16 +0000

End at: Tue, 13 Jun 2017 08:46:46 +0000

Local clock offset: 3.29 ms

Remote clock offset: -3.026 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:26:08 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 224.52 Mbit/s

95th percentile per-packet one-way delay: 25.229 ms

Loss rate: 0.31%

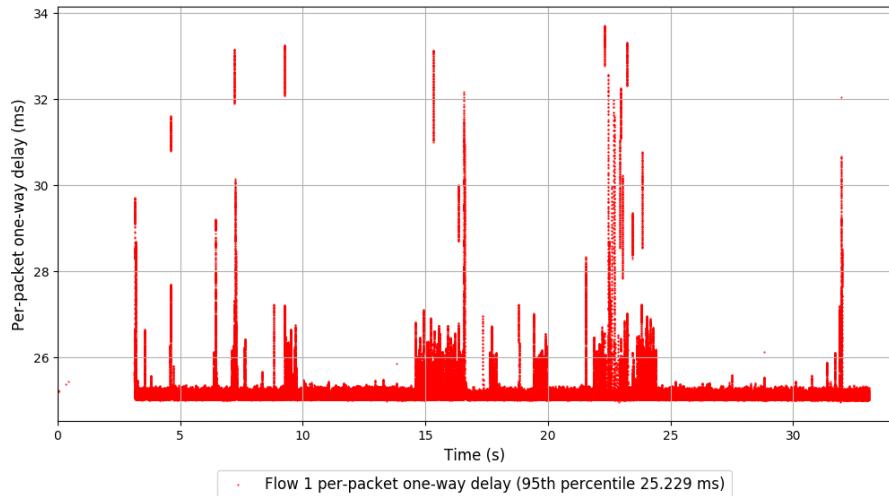
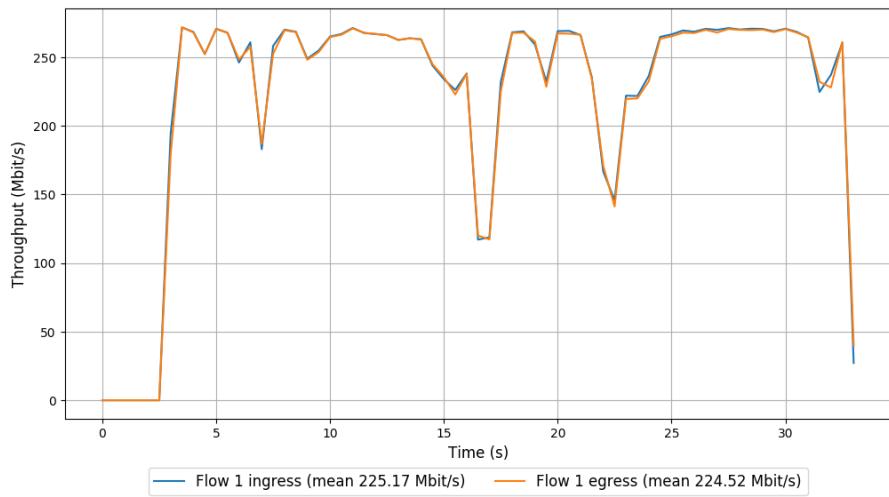
-- Flow 1:

Average throughput: 224.52 Mbit/s

95th percentile per-packet one-way delay: 25.229 ms

Loss rate: 0.31%

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



Run 6: Statistics of TaoVA-100x

Start at: Tue, 13 Jun 2017 09:07:14 +0000

End at: Tue, 13 Jun 2017 09:07:44 +0000

Local clock offset: 2.754 ms

Remote clock offset: -2.939 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:26:30 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 224.62 Mbit/s

95th percentile per-packet one-way delay: 24.480 ms

Loss rate: 0.47%

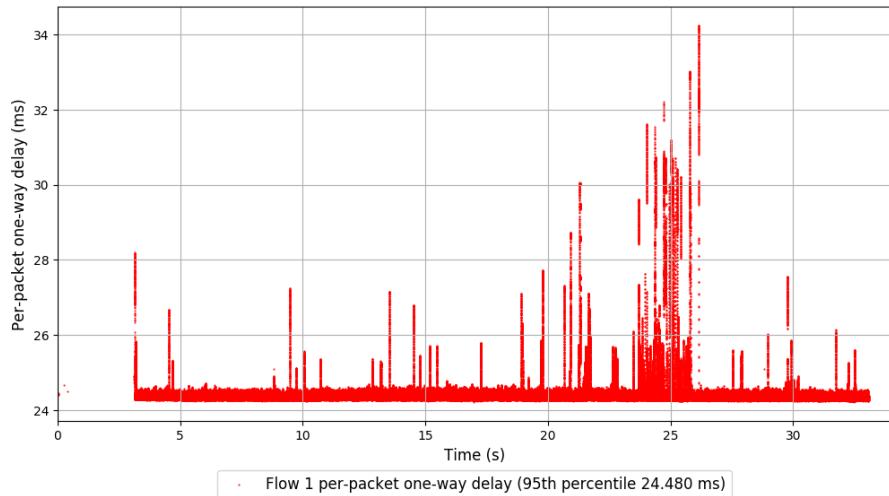
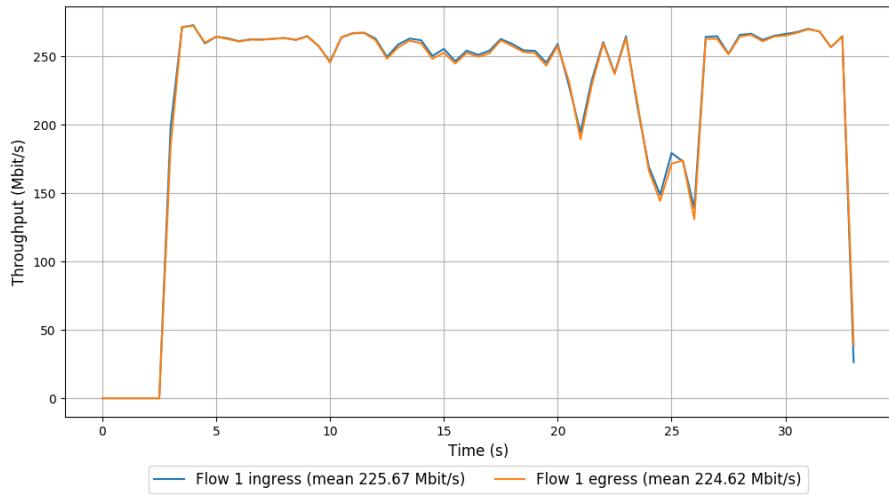
-- Flow 1:

Average throughput: 224.62 Mbit/s

95th percentile per-packet one-way delay: 24.480 ms

Loss rate: 0.47%

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



Run 7: Statistics of TaoVA-100x

Start at: Tue, 13 Jun 2017 09:28:17 +0000

End at: Tue, 13 Jun 2017 09:28:47 +0000

Local clock offset: 2.66 ms

Remote clock offset: -2.692 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:27:06 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 212.72 Mbit/s

95th percentile per-packet one-way delay: 24.746 ms

Loss rate: 0.36%

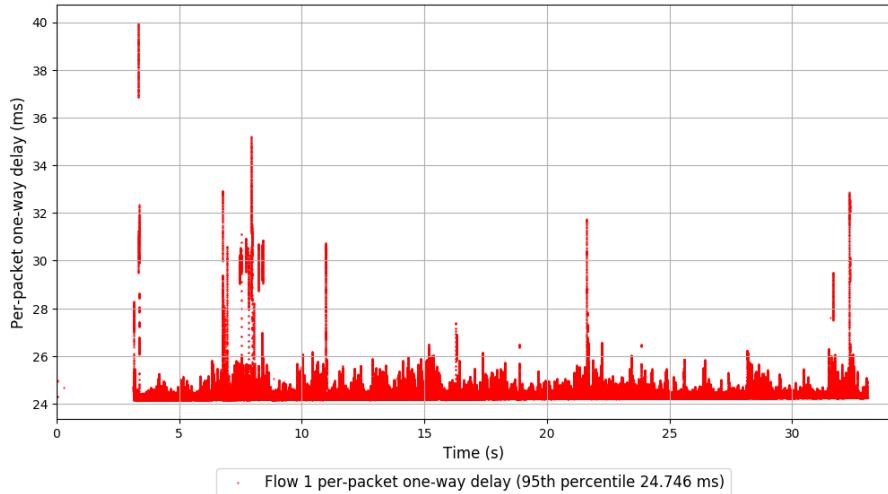
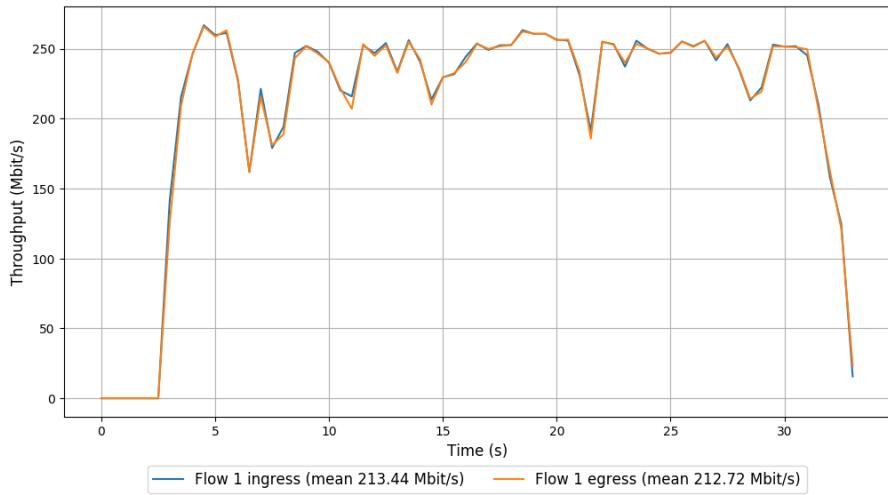
-- Flow 1:

Average throughput: 212.72 Mbit/s

95th percentile per-packet one-way delay: 24.746 ms

Loss rate: 0.36%

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

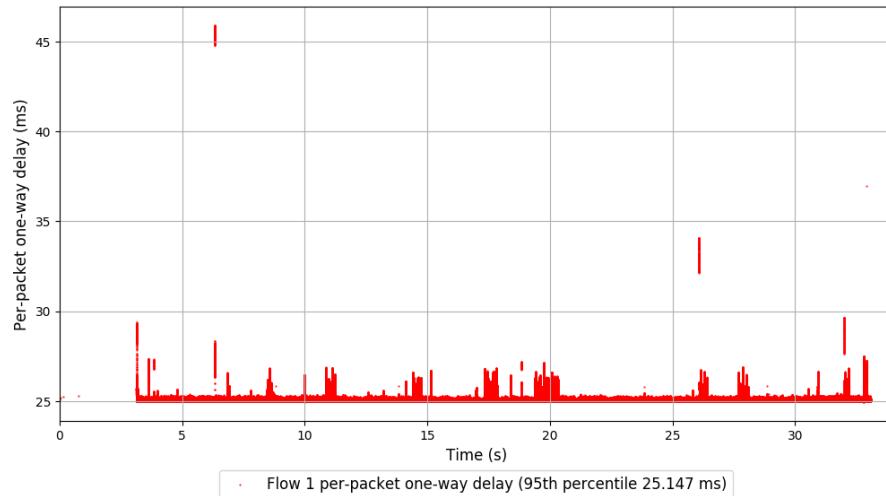
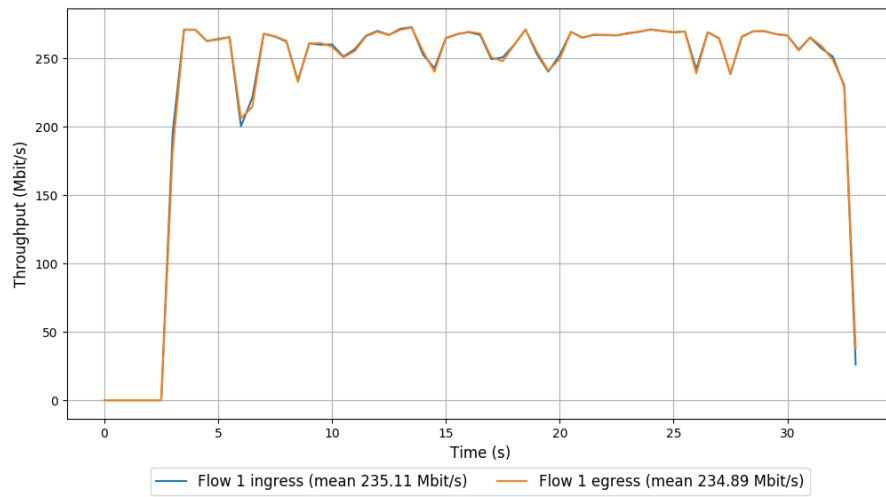


Run 8: Statistics of TaoVA-100x

```
Start at: Tue, 13 Jun 2017 09:49:25 +0000
End at: Tue, 13 Jun 2017 09:49:55 +0000
Local clock offset: 3.718 ms
Remote clock offset: -2.653 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:27:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 234.89 Mbit/s
95th percentile per-packet one-way delay: 25.147 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 234.89 Mbit/s
95th percentile per-packet one-way delay: 25.147 ms
Loss rate: 0.09%
```

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



Run 9: Statistics of TaoVA-100x

Start at: Tue, 13 Jun 2017 10:10:32 +0000

End at: Tue, 13 Jun 2017 10:11:02 +0000

Local clock offset: 4.449 ms

Remote clock offset: -2.967 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:28:04 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 206.69 Mbit/s

95th percentile per-packet one-way delay: 26.572 ms

Loss rate: 0.14%

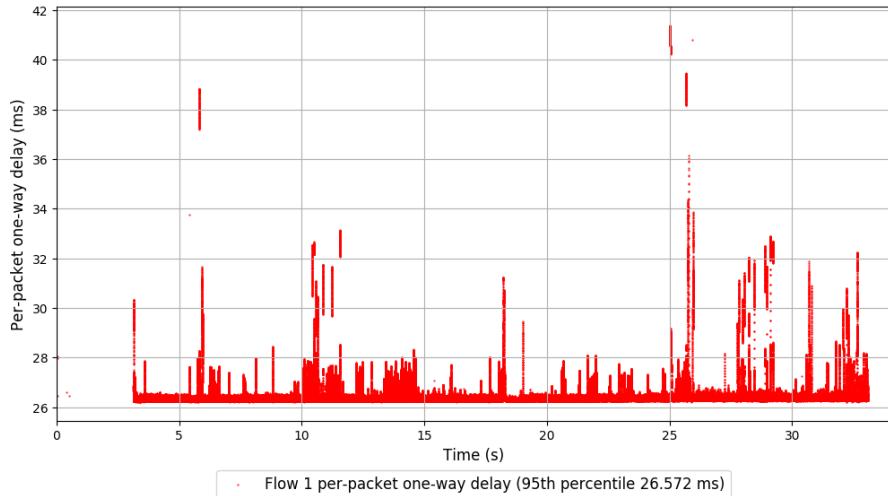
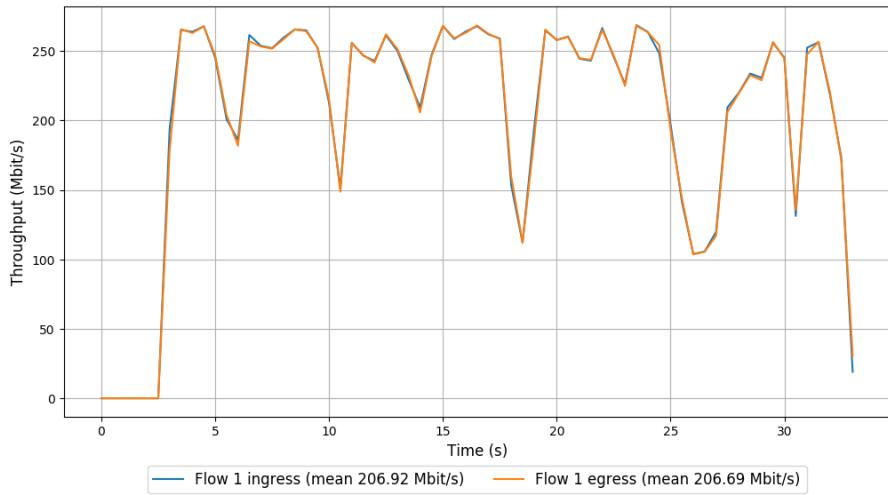
-- Flow 1:

Average throughput: 206.69 Mbit/s

95th percentile per-packet one-way delay: 26.572 ms

Loss rate: 0.14%

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

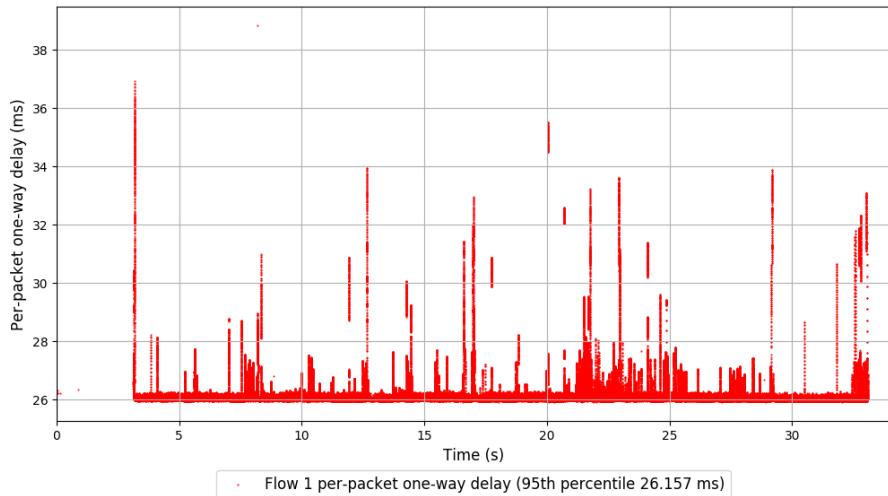
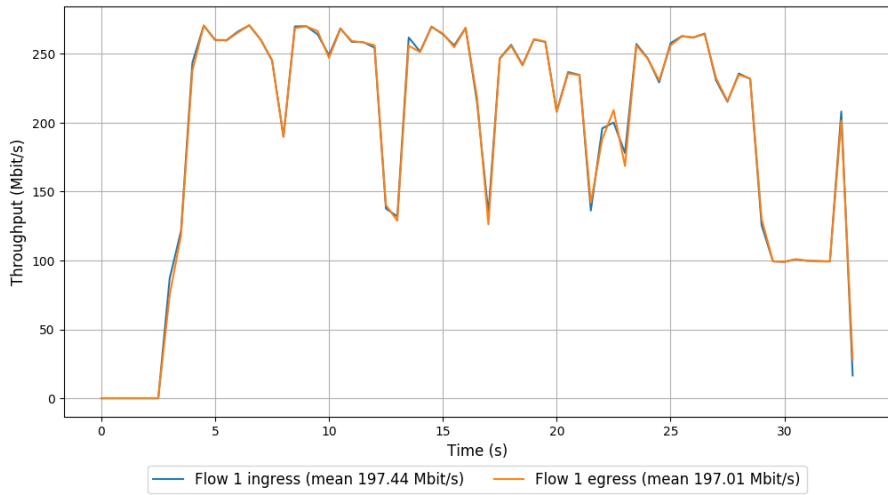


Run 10: Statistics of TaoVA-100x

```
Start at: Tue, 13 Jun 2017 10:31:43 +0000
End at: Tue, 13 Jun 2017 10:32:13 +0000
Local clock offset: 4.661 ms
Remote clock offset: -2.691 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:28:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 197.01 Mbit/s
95th percentile per-packet one-way delay: 26.157 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 197.01 Mbit/s
95th percentile per-packet one-way delay: 26.157 ms
Loss rate: 0.24%
```

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

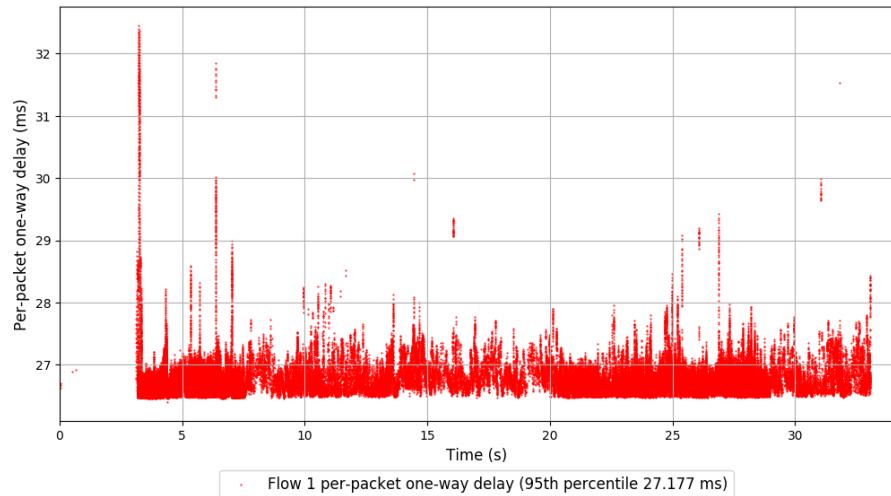
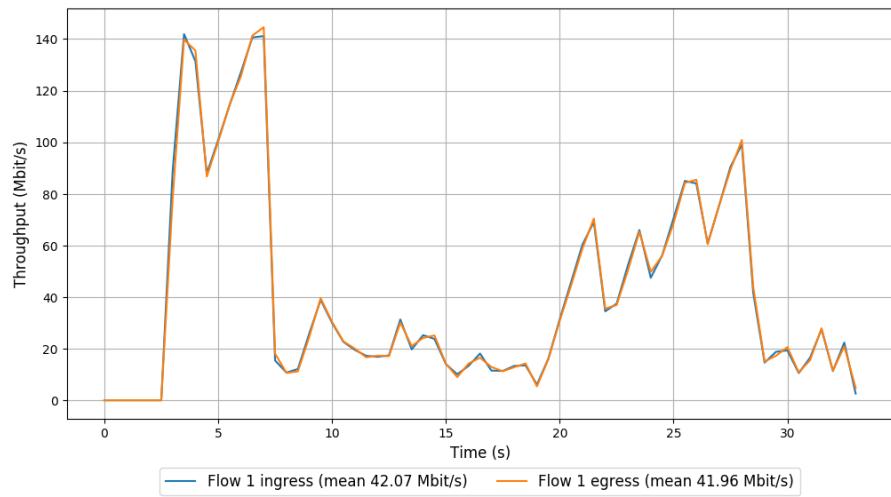


Run 1: Statistics of TCP Vegas

```
Start at: Tue, 13 Jun 2017 07:28:17 +0000
End at: Tue, 13 Jun 2017 07:28:47 +0000
Local clock offset: 3.692 ms
Remote clock offset: -4.004 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:28:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 41.96 Mbit/s
95th percentile per-packet one-way delay: 27.177 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 41.96 Mbit/s
95th percentile per-packet one-way delay: 27.177 ms
Loss rate: 0.26%
```

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

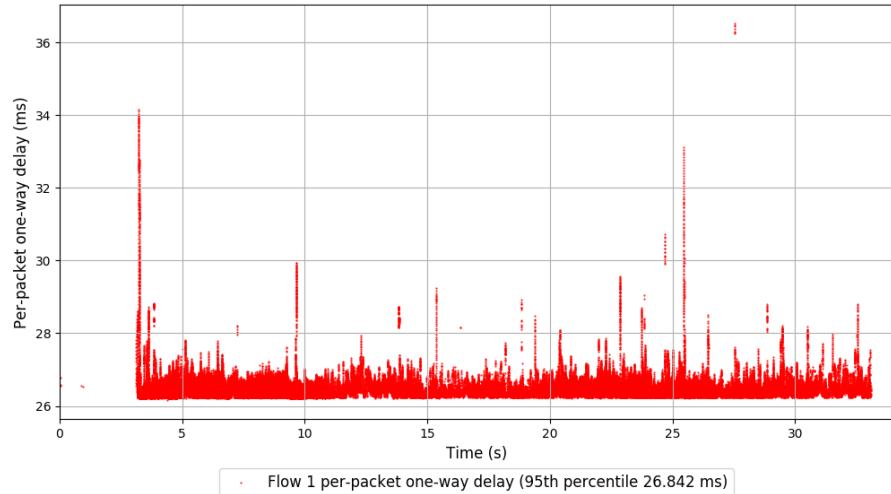
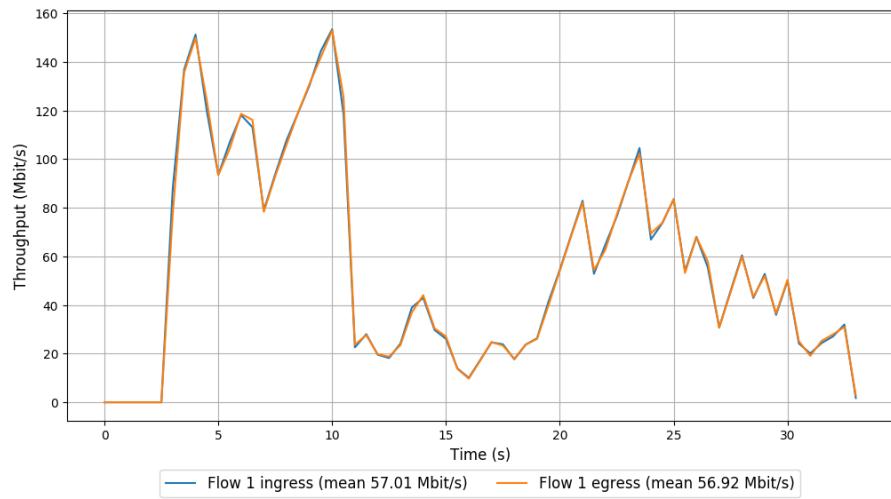


Run 2: Statistics of TCP Vegas

```
Start at: Tue, 13 Jun 2017 07:49:19 +0000
End at: Tue, 13 Jun 2017 07:49:49 +0000
Local clock offset: 3.884 ms
Remote clock offset: -3.617 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:28:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 56.92 Mbit/s
95th percentile per-packet one-way delay: 26.842 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 56.92 Mbit/s
95th percentile per-packet one-way delay: 26.842 ms
Loss rate: 0.16%
```

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

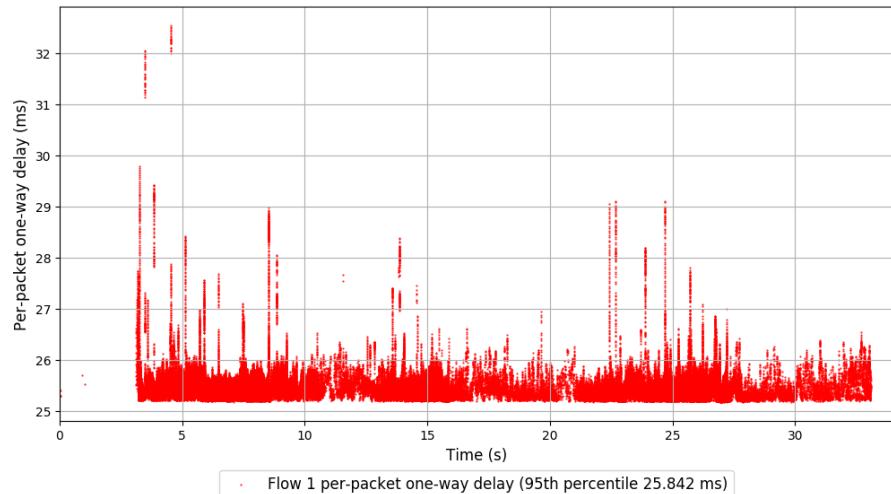
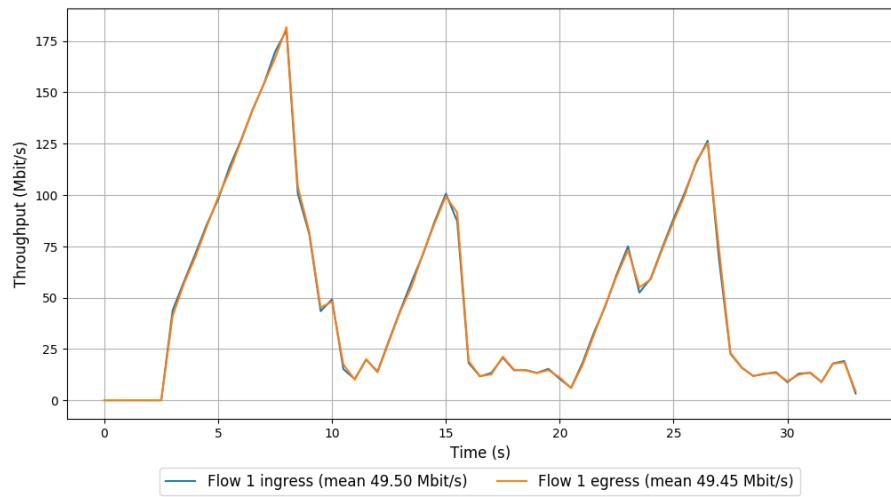


Run 3: Statistics of TCP Vegas

```
Start at: Tue, 13 Jun 2017 08:10:18 +0000
End at: Tue, 13 Jun 2017 08:10:48 +0000
Local clock offset: 3.609 ms
Remote clock offset: -2.966 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:28:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 49.45 Mbit/s
95th percentile per-packet one-way delay: 25.842 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 49.45 Mbit/s
95th percentile per-packet one-way delay: 25.842 ms
Loss rate: 0.11%
```

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

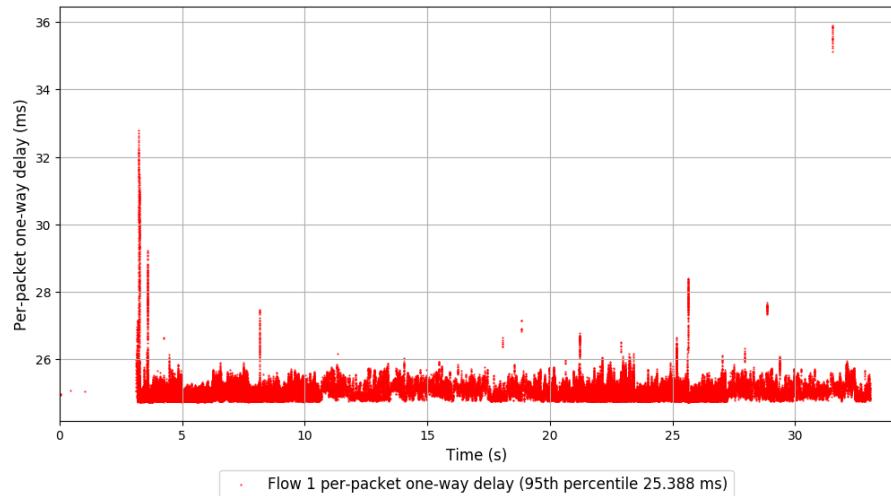
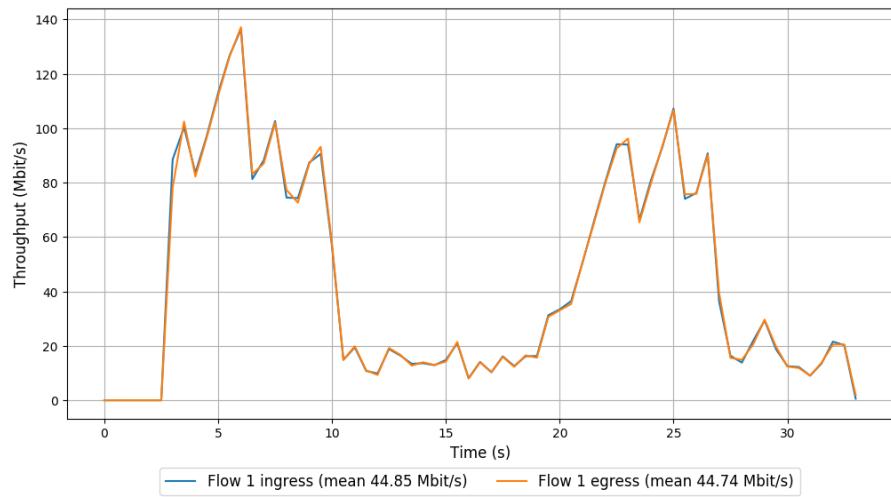


Run 4: Statistics of TCP Vegas

```
Start at: Tue, 13 Jun 2017 08:31:14 +0000
End at: Tue, 13 Jun 2017 08:31:44 +0000
Local clock offset: 3.115 ms
Remote clock offset: -3.0 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:28:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 44.74 Mbit/s
95th percentile per-packet one-way delay: 25.388 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 44.74 Mbit/s
95th percentile per-packet one-way delay: 25.388 ms
Loss rate: 0.23%
```

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

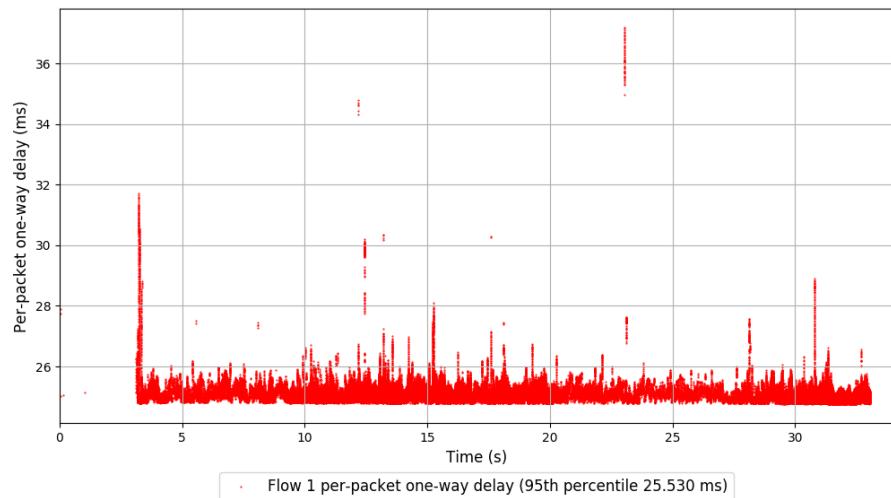
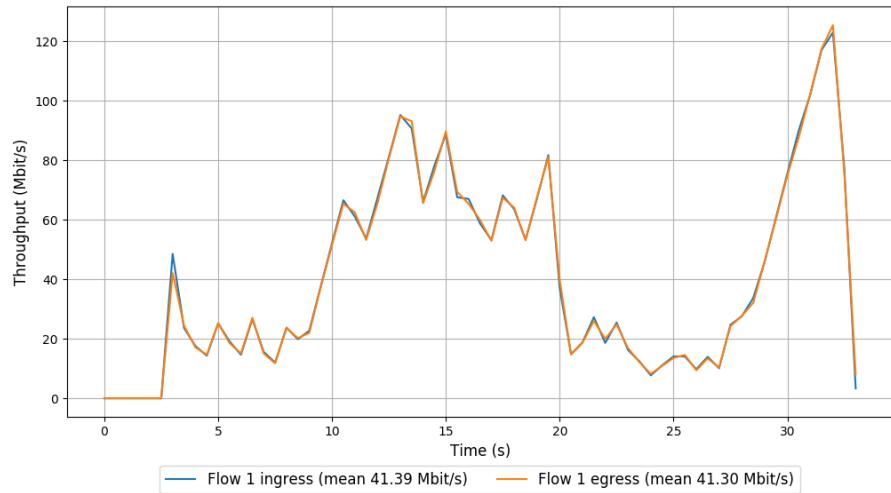


Run 5: Statistics of TCP Vegas

```
Start at: Tue, 13 Jun 2017 08:52:10 +0000
End at: Tue, 13 Jun 2017 08:52:40 +0000
Local clock offset: 3.024 ms
Remote clock offset: -2.958 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:28:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 41.30 Mbit/s
95th percentile per-packet one-way delay: 25.530 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 41.30 Mbit/s
95th percentile per-packet one-way delay: 25.530 ms
Loss rate: 0.24%
```

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

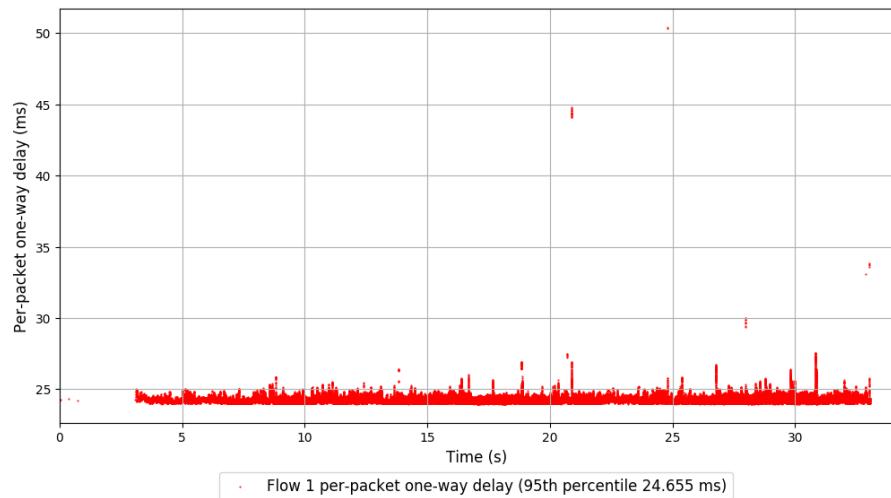
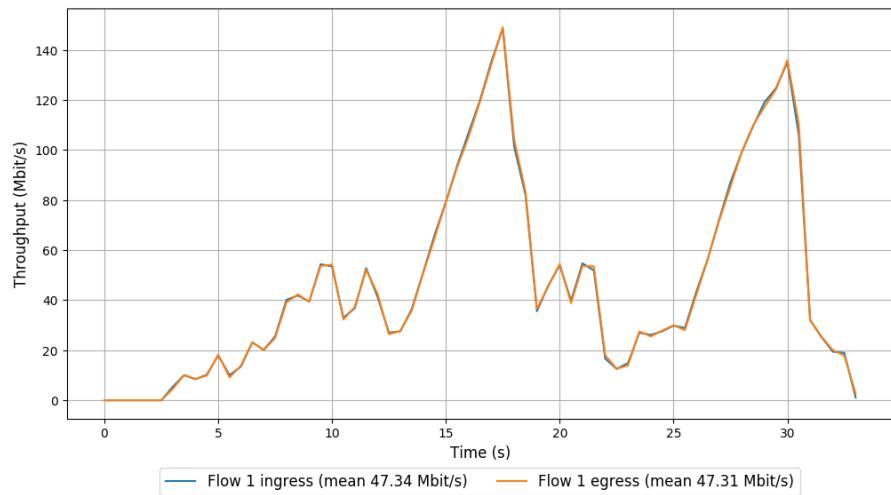


Run 6: Statistics of TCP Vegas

```
Start at: Tue, 13 Jun 2017 09:13:10 +0000
End at: Tue, 13 Jun 2017 09:13:40 +0000
Local clock offset: 2.518 ms
Remote clock offset: -2.712 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:28:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 47.31 Mbit/s
95th percentile per-packet one-way delay: 24.655 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 47.31 Mbit/s
95th percentile per-packet one-way delay: 24.655 ms
Loss rate: 0.06%
```

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

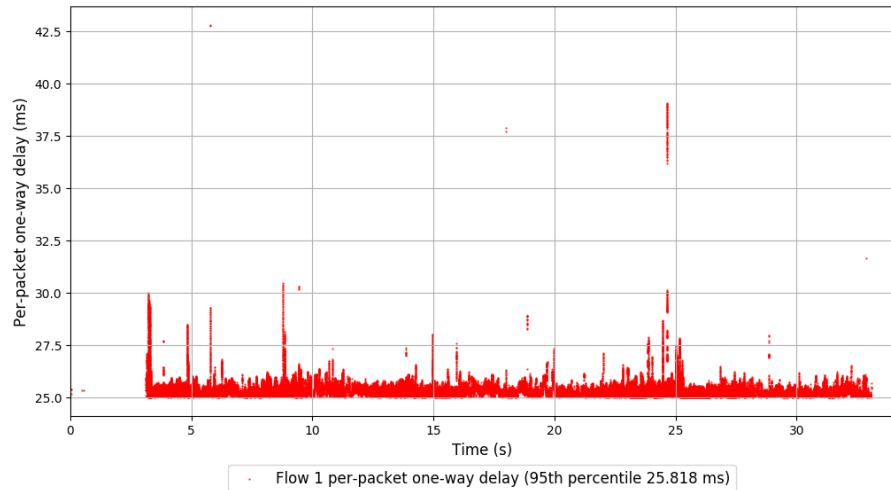
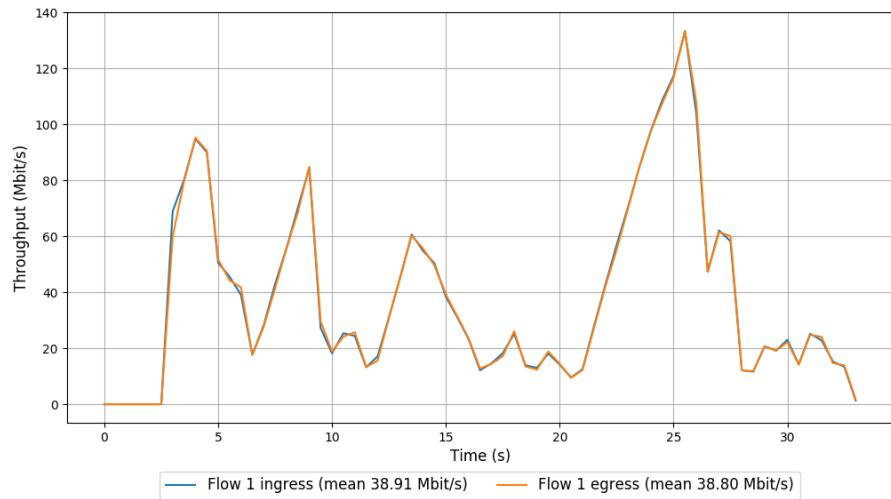


Run 7: Statistics of TCP Vegas

```
Start at: Tue, 13 Jun 2017 09:34:12 +0000
End at: Tue, 13 Jun 2017 09:34:42 +0000
Local clock offset: 3.667 ms
Remote clock offset: -2.52 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:28:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 38.80 Mbit/s
95th percentile per-packet one-way delay: 25.818 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 38.80 Mbit/s
95th percentile per-packet one-way delay: 25.818 ms
Loss rate: 0.27%
```

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

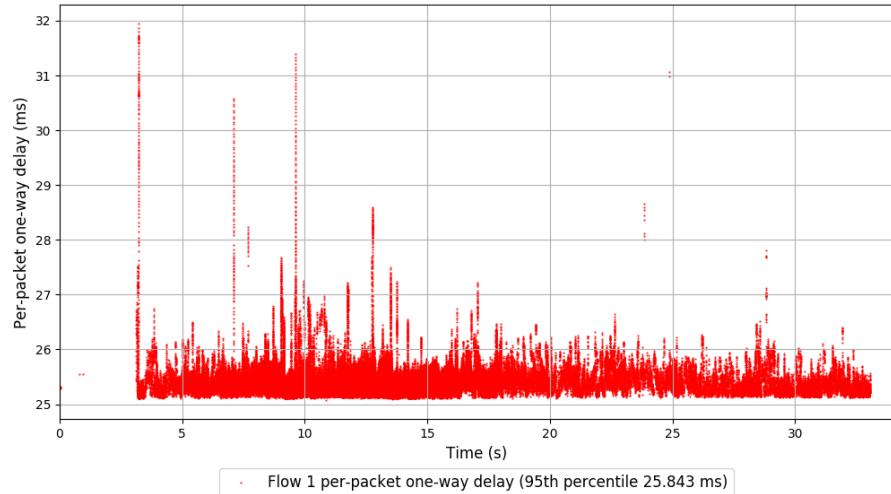
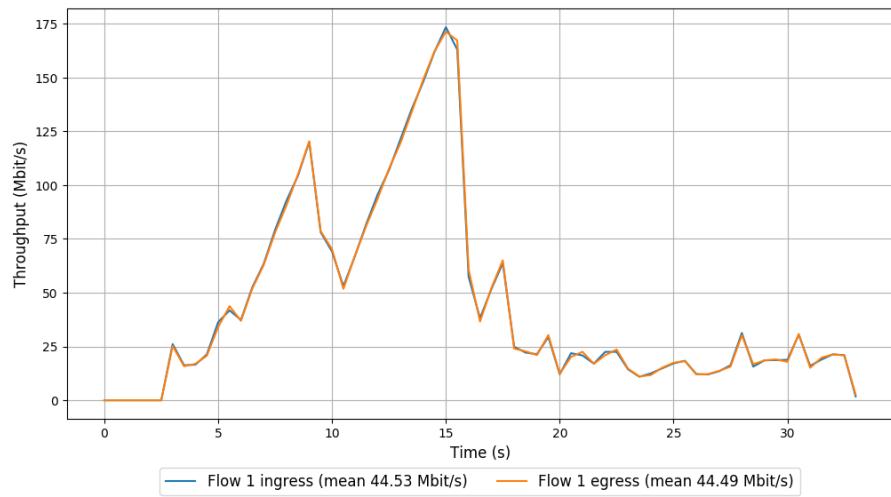


Run 8: Statistics of TCP Vegas

```
Start at: Tue, 13 Jun 2017 09:55:23 +0000
End at: Tue, 13 Jun 2017 09:55:53 +0000
Local clock offset: 3.704 ms
Remote clock offset: -2.765 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:28:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 44.49 Mbit/s
95th percentile per-packet one-way delay: 25.843 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 44.49 Mbit/s
95th percentile per-packet one-way delay: 25.843 ms
Loss rate: 0.13%
```

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

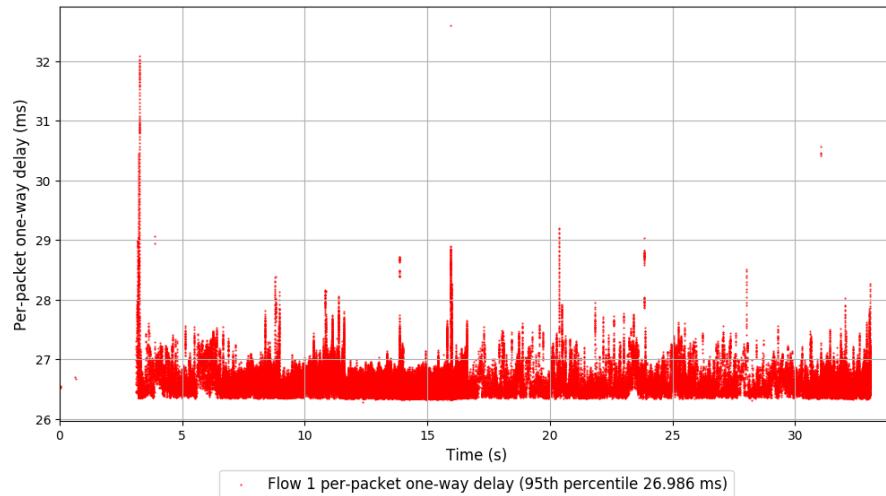
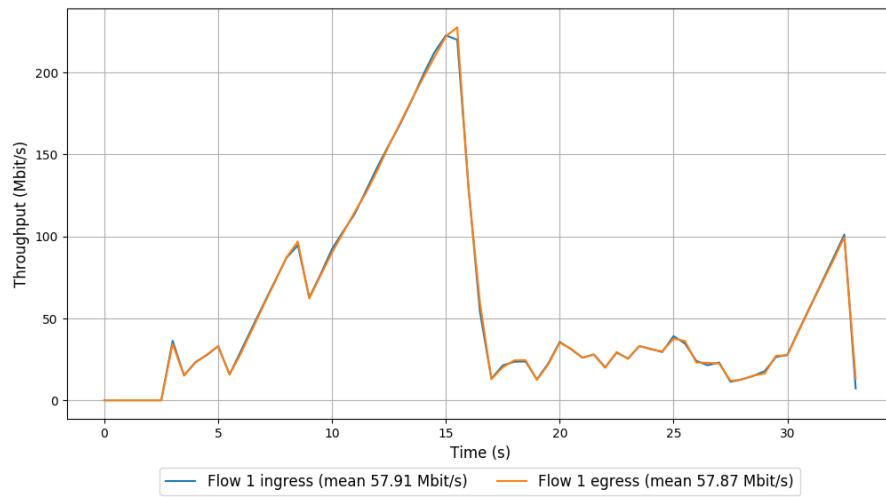


Run 9: Statistics of TCP Vegas

```
Start at: Tue, 13 Jun 2017 10:16:28 +0000
End at: Tue, 13 Jun 2017 10:16:58 +0000
Local clock offset: 4.717 ms
Remote clock offset: -2.979 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:28:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 57.87 Mbit/s
95th percentile per-packet one-way delay: 26.986 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 57.87 Mbit/s
95th percentile per-packet one-way delay: 26.986 ms
Loss rate: 0.07%
```

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

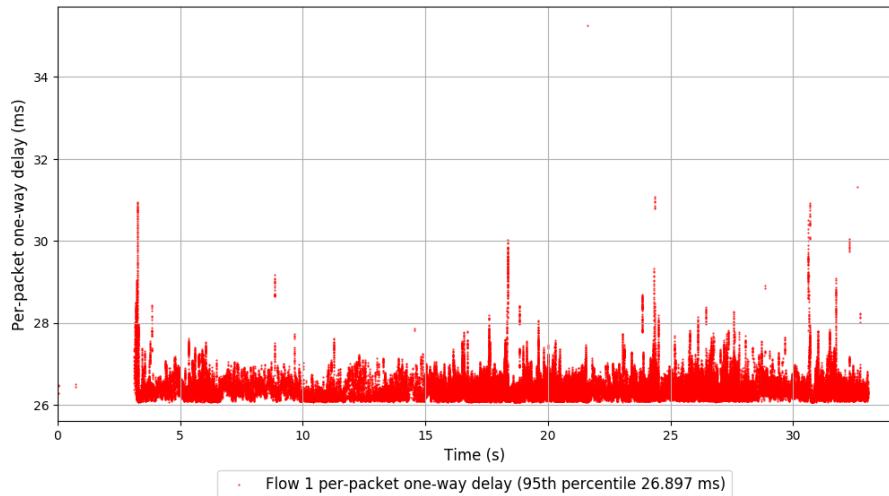
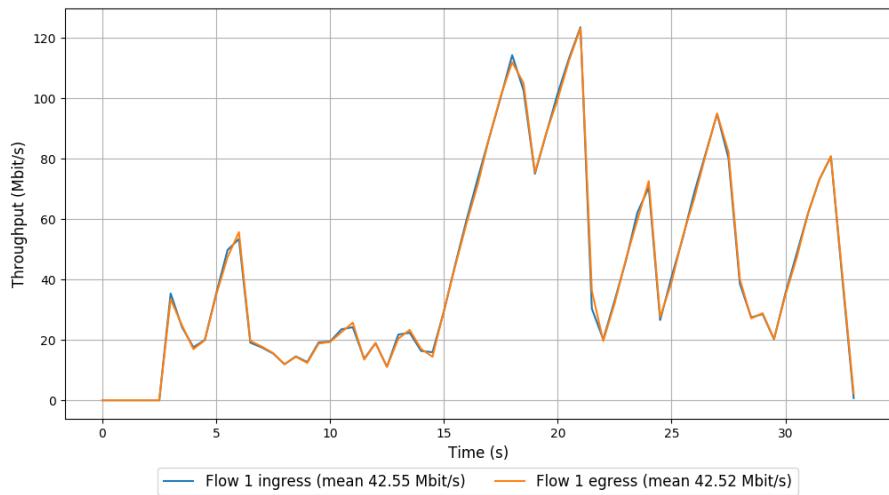


Run 10: Statistics of TCP Vegas

```
Start at: Tue, 13 Jun 2017 10:37:38 +0000
End at: Tue, 13 Jun 2017 10:38:08 +0000
Local clock offset: 4.84 ms
Remote clock offset: -2.564 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:28:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 42.52 Mbit/s
95th percentile per-packet one-way delay: 26.897 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 42.52 Mbit/s
95th percentile per-packet one-way delay: 26.897 ms
Loss rate: 0.08%
```

Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: Tue, 13 Jun 2017 07:31:14 +0000

End at: Tue, 13 Jun 2017 07:31:44 +0000

Local clock offset: 3.775 ms

Remote clock offset: -4.022 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:29:23 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 165.32 Mbit/s

95th percentile per-packet one-way delay: 31.006 ms

Loss rate: 15.68%

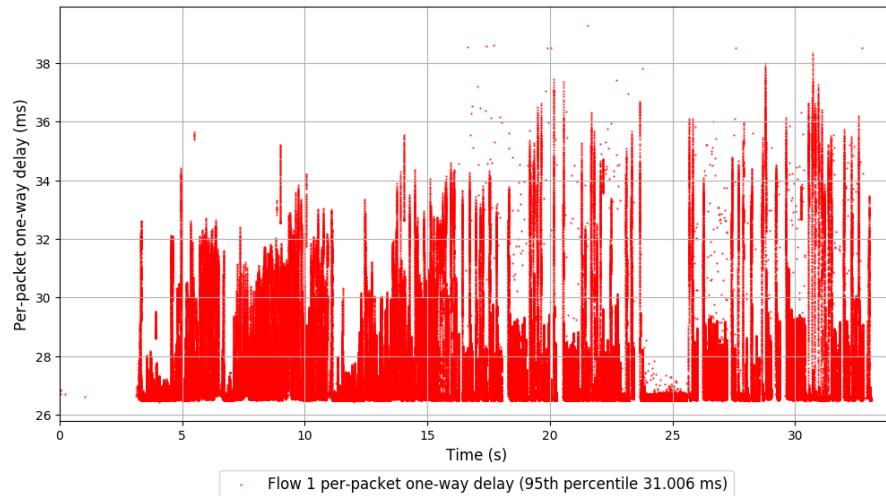
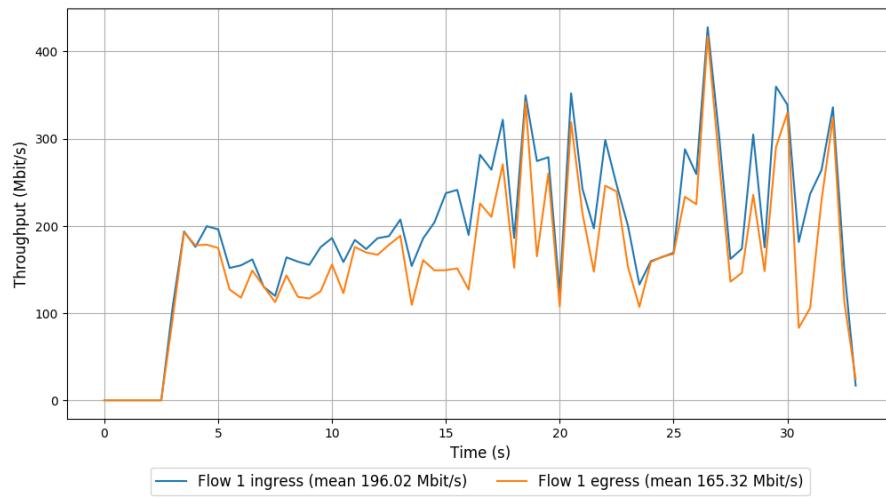
-- Flow 1:

Average throughput: 165.32 Mbit/s

95th percentile per-packet one-way delay: 31.006 ms

Loss rate: 15.68%

## Run 1: Report of Verus — Data Link

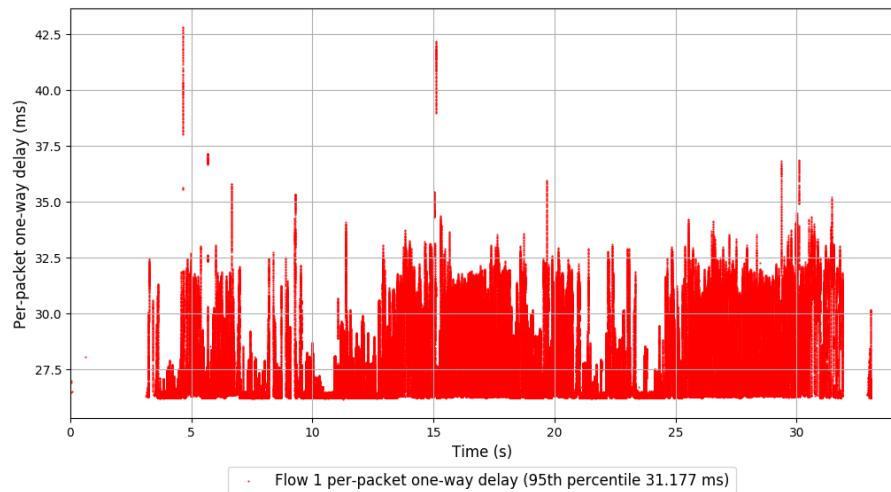
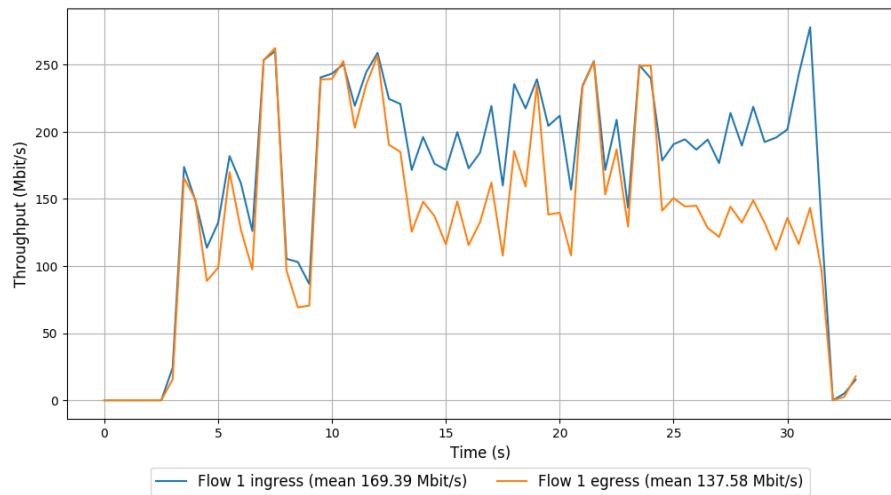


Run 2: Statistics of Verus

```
Start at: Tue, 13 Jun 2017 07:52:18 +0000
End at: Tue, 13 Jun 2017 07:52:48 +0000
Local clock offset: 4.002 ms
Remote clock offset: -3.524 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:29:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 137.58 Mbit/s
95th percentile per-packet one-way delay: 31.177 ms
Loss rate: 18.78%
-- Flow 1:
Average throughput: 137.58 Mbit/s
95th percentile per-packet one-way delay: 31.177 ms
Loss rate: 18.78%
```

## Run 2: Report of Verus — Data Link

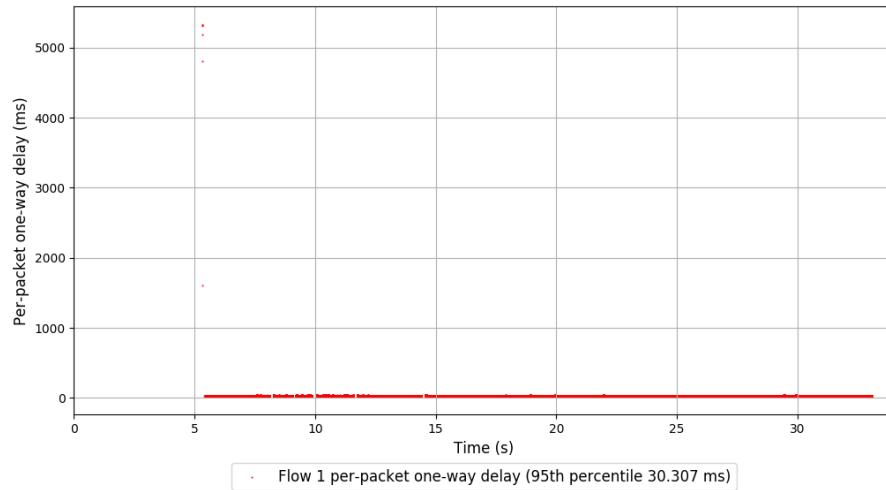
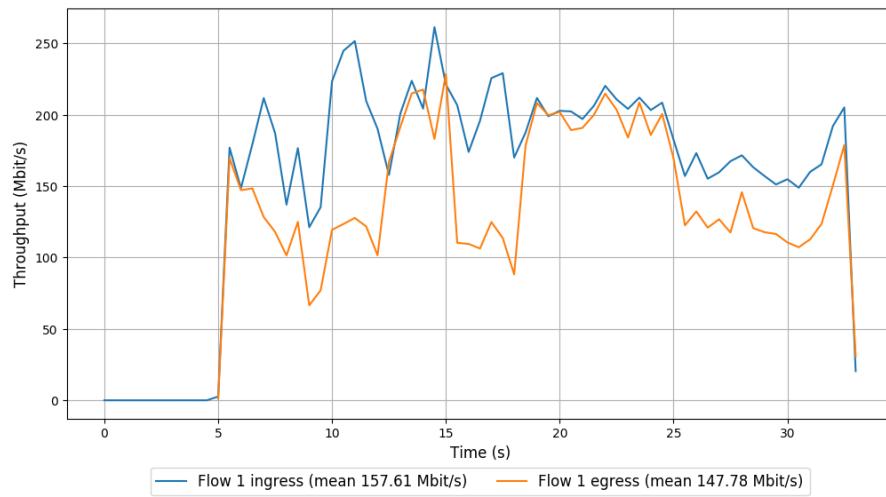


Run 3: Statistics of Verus

```
Start at: Tue, 13 Jun 2017 08:13:18 +0000
End at: Tue, 13 Jun 2017 08:13:48 +0000
Local clock offset: 3.539 ms
Remote clock offset: -2.896 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:29:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 147.78 Mbit/s
95th percentile per-packet one-way delay: 30.307 ms
Loss rate: 21.26%
-- Flow 1:
Average throughput: 147.78 Mbit/s
95th percentile per-packet one-way delay: 30.307 ms
Loss rate: 21.26%
```

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

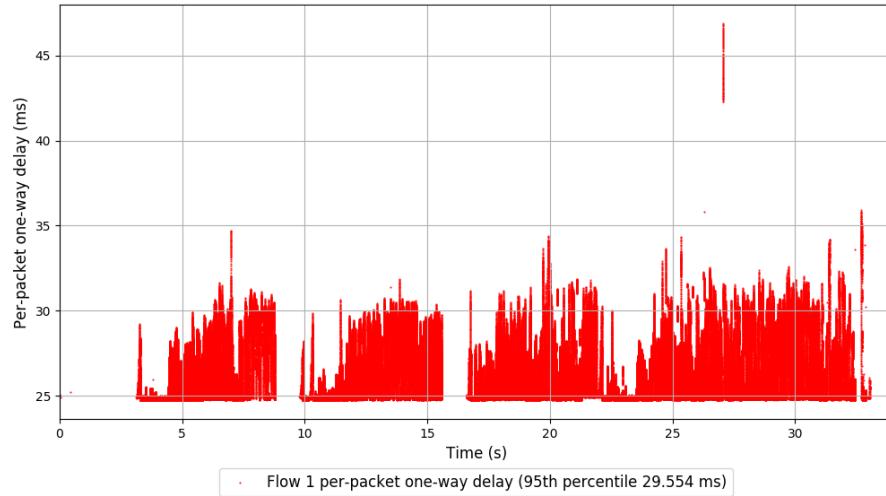
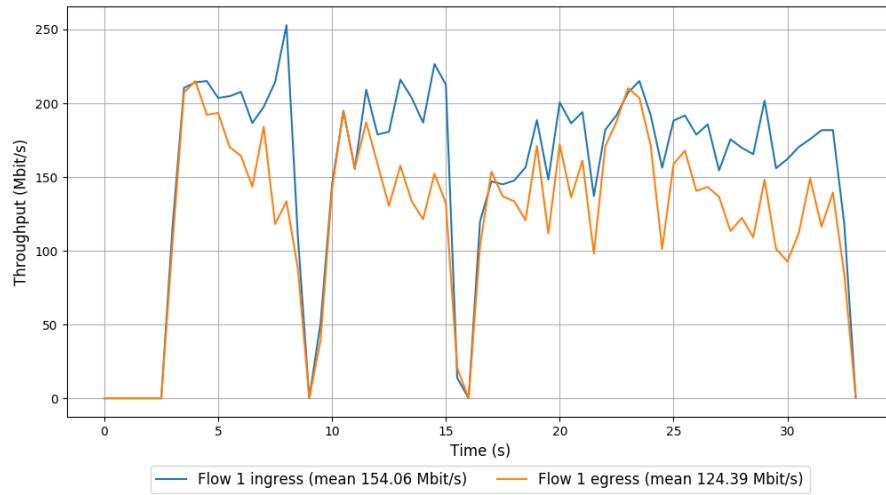


Run 4: Statistics of Verus

```
Start at: Tue, 13 Jun 2017 08:34:12 +0000
End at: Tue, 13 Jun 2017 08:34:42 +0000
Local clock offset: 3.001 ms
Remote clock offset: -3.026 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:29:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 124.39 Mbit/s
95th percentile per-packet one-way delay: 29.554 ms
Loss rate: 19.26%
-- Flow 1:
Average throughput: 124.39 Mbit/s
95th percentile per-packet one-way delay: 29.554 ms
Loss rate: 19.26%
```

## Run 4: Report of Verus — Data Link

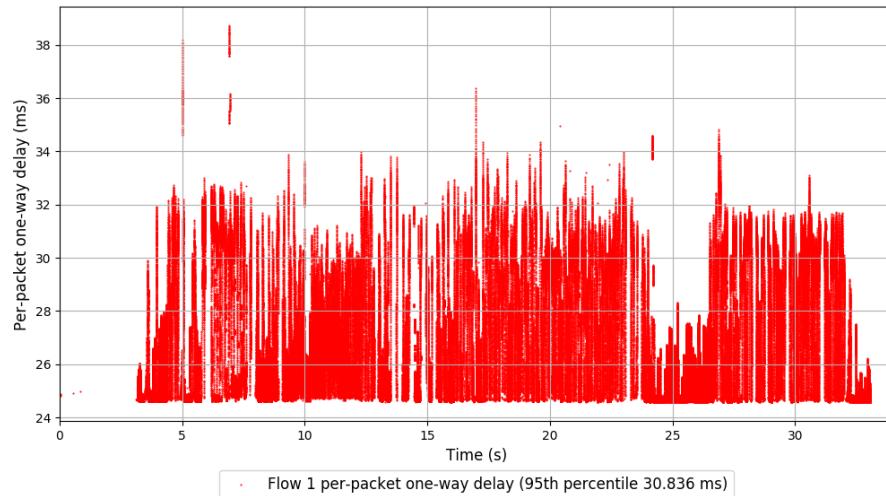
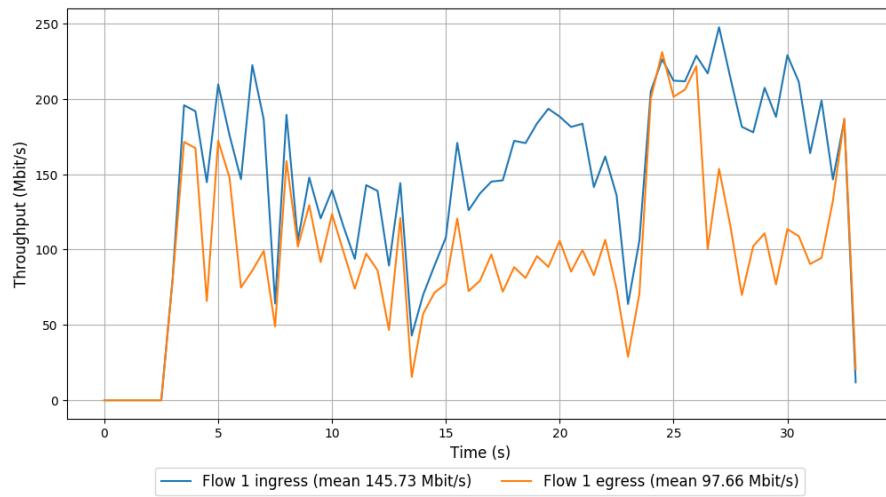


Run 5: Statistics of Verus

```
Start at: Tue, 13 Jun 2017 08:55:09 +0000
End at: Tue, 13 Jun 2017 08:55:39 +0000
Local clock offset: 3.008 ms
Remote clock offset: -2.988 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:29:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.66 Mbit/s
95th percentile per-packet one-way delay: 30.836 ms
Loss rate: 33.00%
-- Flow 1:
Average throughput: 97.66 Mbit/s
95th percentile per-packet one-way delay: 30.836 ms
Loss rate: 33.00%
```

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

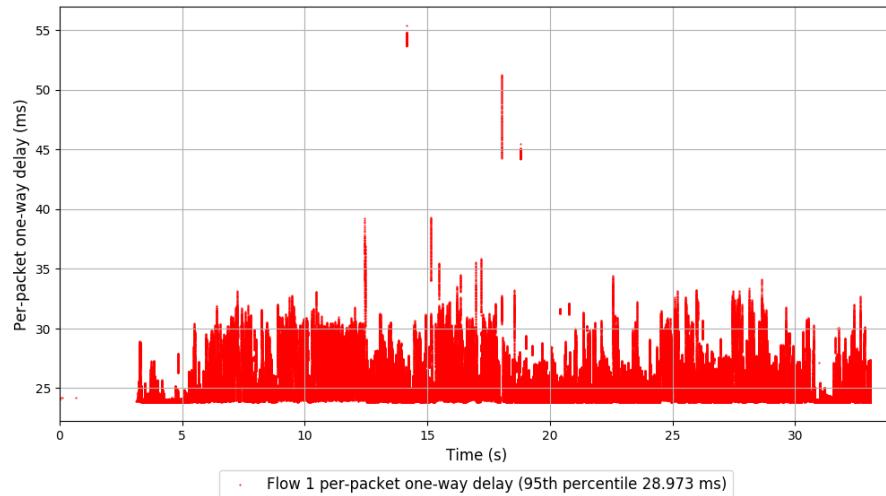
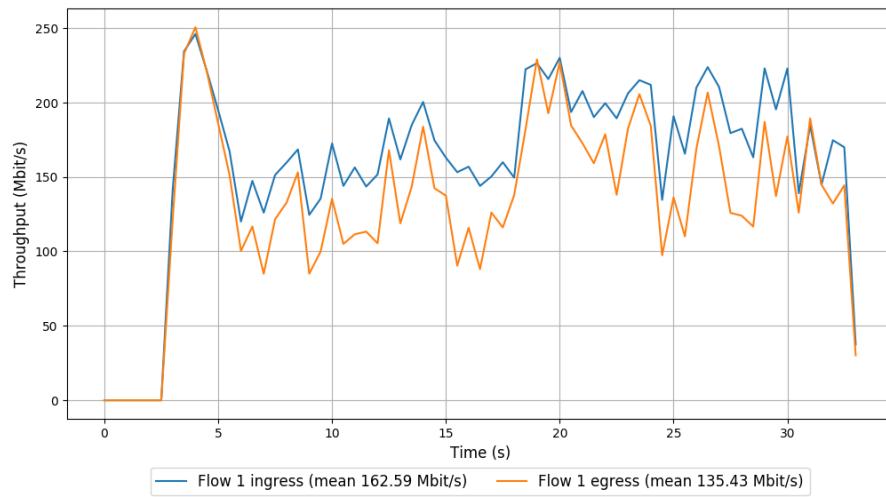


Run 6: Statistics of Verus

```
Start at: Tue, 13 Jun 2017 09:16:07 +0000
End at: Tue, 13 Jun 2017 09:16:37 +0000
Local clock offset: 2.449 ms
Remote clock offset: -2.707 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:30:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 135.43 Mbit/s
95th percentile per-packet one-way delay: 28.973 ms
Loss rate: 16.71%
-- Flow 1:
Average throughput: 135.43 Mbit/s
95th percentile per-packet one-way delay: 28.973 ms
Loss rate: 16.71%
```

## Run 6: Report of Verus — Data Link

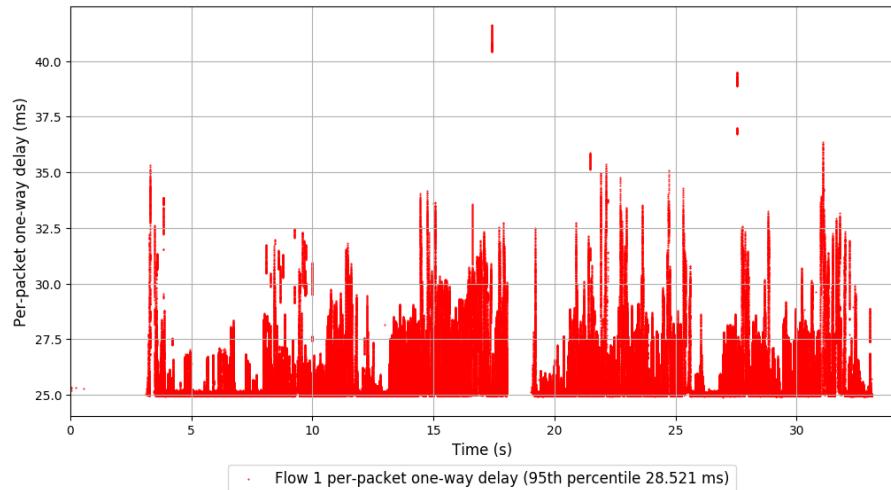
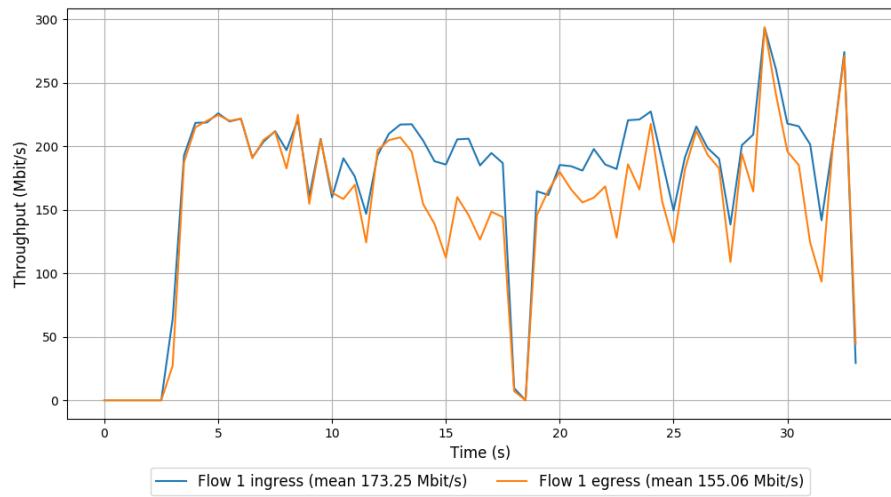


Run 7: Statistics of Verus

```
Start at: Tue, 13 Jun 2017 09:37:11 +0000
End at: Tue, 13 Jun 2017 09:37:41 +0000
Local clock offset: 3.724 ms
Remote clock offset: -2.441 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:30:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 155.06 Mbit/s
95th percentile per-packet one-way delay: 28.521 ms
Loss rate: 10.50%
-- Flow 1:
Average throughput: 155.06 Mbit/s
95th percentile per-packet one-way delay: 28.521 ms
Loss rate: 10.50%
```

## Run 7: Report of Verus — Data Link

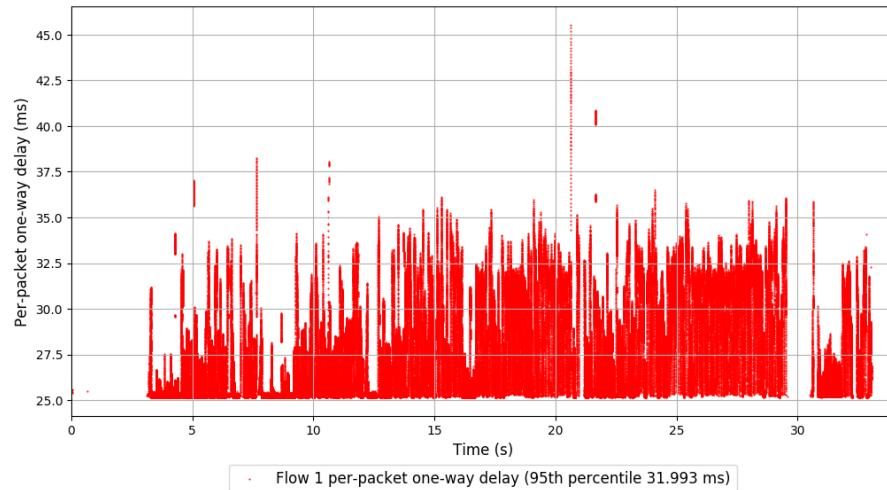
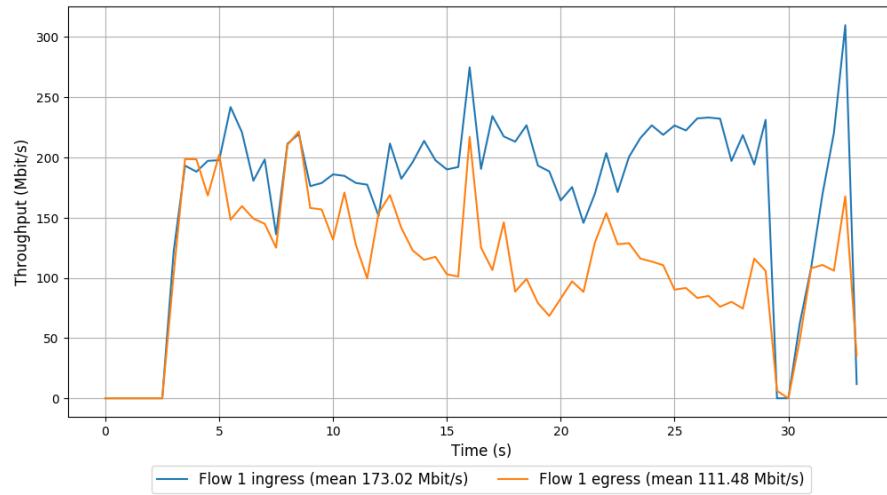


Run 8: Statistics of Verus

```
Start at: Tue, 13 Jun 2017 09:58:23 +0000
End at: Tue, 13 Jun 2017 09:58:53 +0000
Local clock offset: 3.619 ms
Remote clock offset: -2.854 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:30:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 111.48 Mbit/s
95th percentile per-packet one-way delay: 31.993 ms
Loss rate: 35.56%
-- Flow 1:
Average throughput: 111.48 Mbit/s
95th percentile per-packet one-way delay: 31.993 ms
Loss rate: 35.56%
```

## Run 8: Report of Verus — Data Link

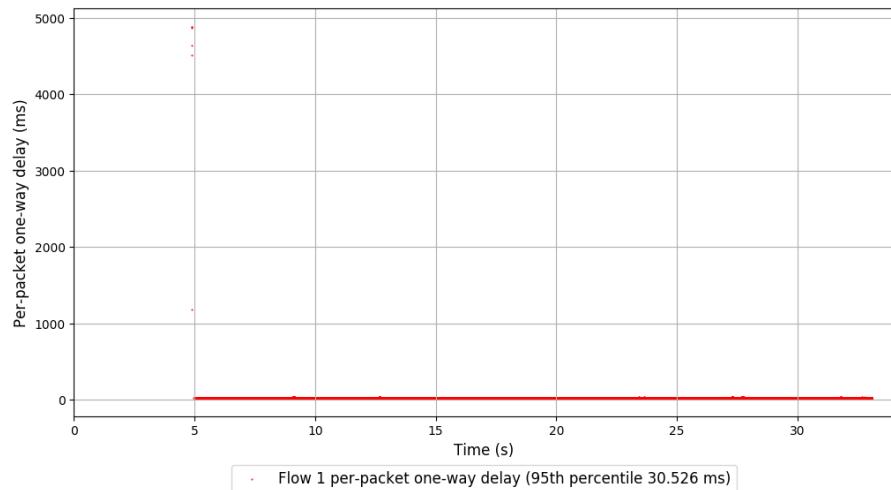
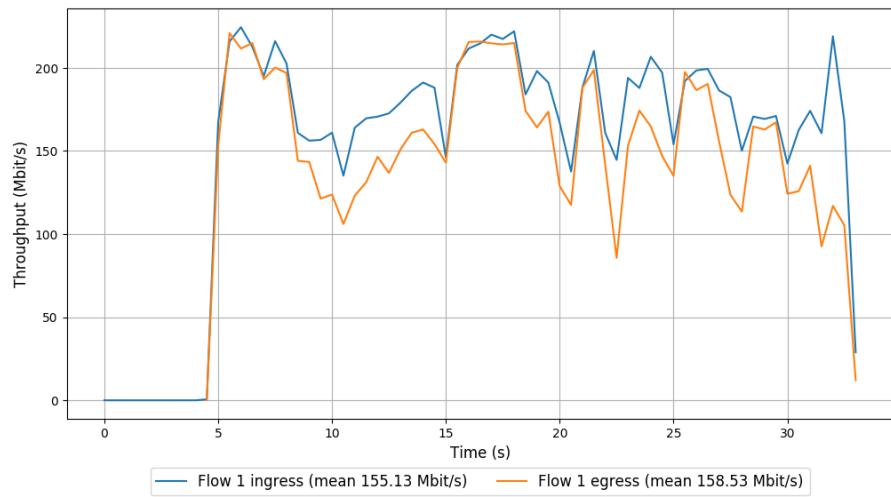


Run 9: Statistics of Verus

```
Start at: Tue, 13 Jun 2017 10:19:26 +0000
End at: Tue, 13 Jun 2017 10:19:56 +0000
Local clock offset: 4.719 ms
Remote clock offset: -2.918 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:30:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 158.53 Mbit/s
95th percentile per-packet one-way delay: 30.526 ms
Loss rate: 12.82%
-- Flow 1:
Average throughput: 158.53 Mbit/s
95th percentile per-packet one-way delay: 30.526 ms
Loss rate: 12.82%
```

## Run 9: Report of Verus — Data Link

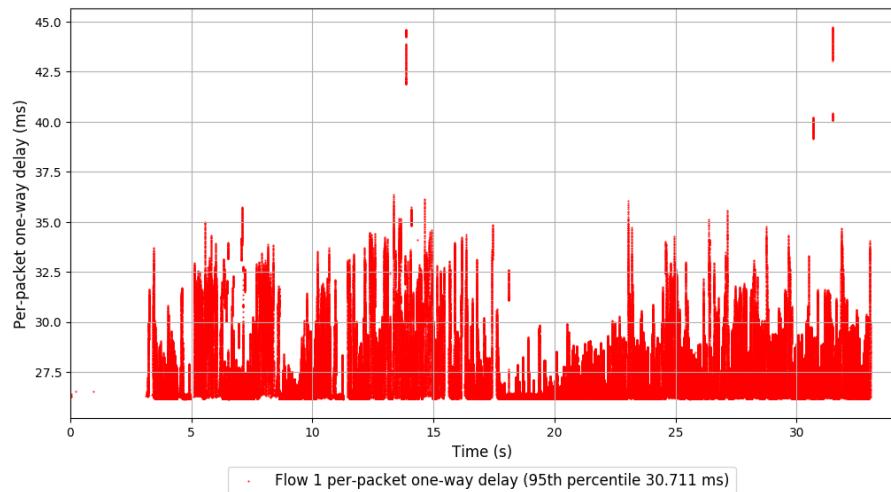
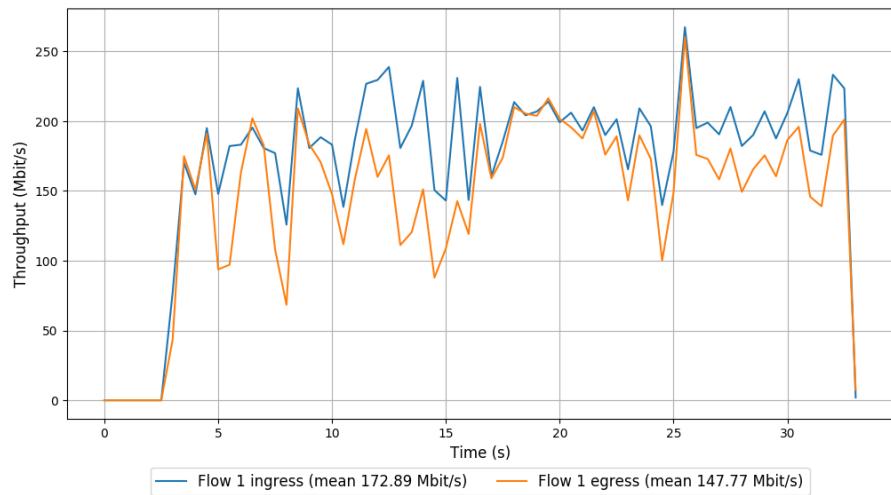


Run 10: Statistics of Verus

```
Start at: Tue, 13 Jun 2017 10:40:36 +0000
End at: Tue, 13 Jun 2017 10:41:06 +0000
Local clock offset: 5.014 ms
Remote clock offset: -2.511 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:30:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 147.77 Mbit/s
95th percentile per-packet one-way delay: 30.711 ms
Loss rate: 14.52%
-- Flow 1:
Average throughput: 147.77 Mbit/s
95th percentile per-packet one-way delay: 30.711 ms
Loss rate: 14.52%
```

## Run 10: Report of Verus — Data Link

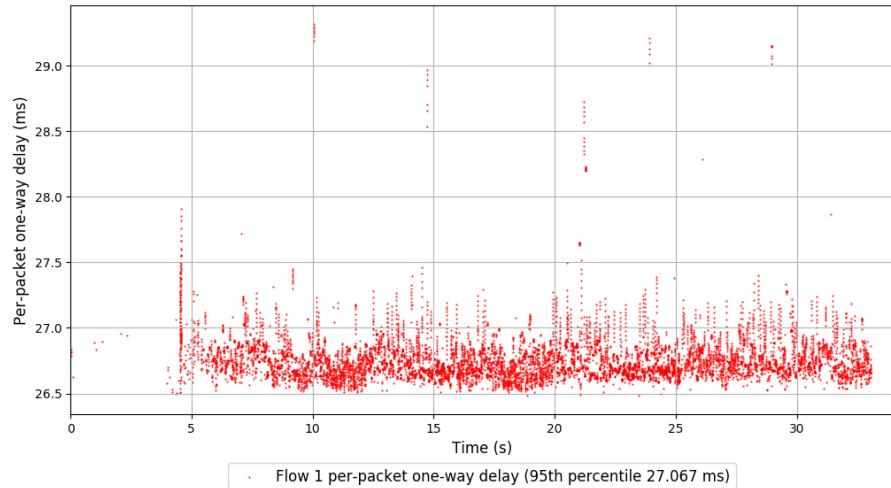
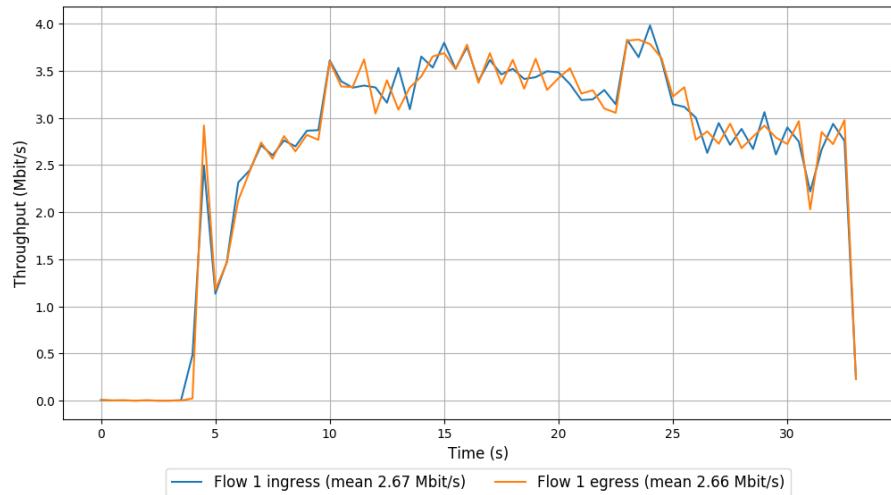


```
Run 1: Statistics of WebRTC media

Start at: Tue, 13 Jun 2017 07:33:59 +0000
End at: Tue, 13 Jun 2017 07:34:29 +0000
Local clock offset: 3.72 ms
Remote clock offset: -4.023 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:30:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.66 Mbit/s
95th percentile per-packet one-way delay: 27.067 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 2.66 Mbit/s
95th percentile per-packet one-way delay: 27.067 ms
Loss rate: 0.21%
```

### Run 1: Report of WebRTC media — Data Link

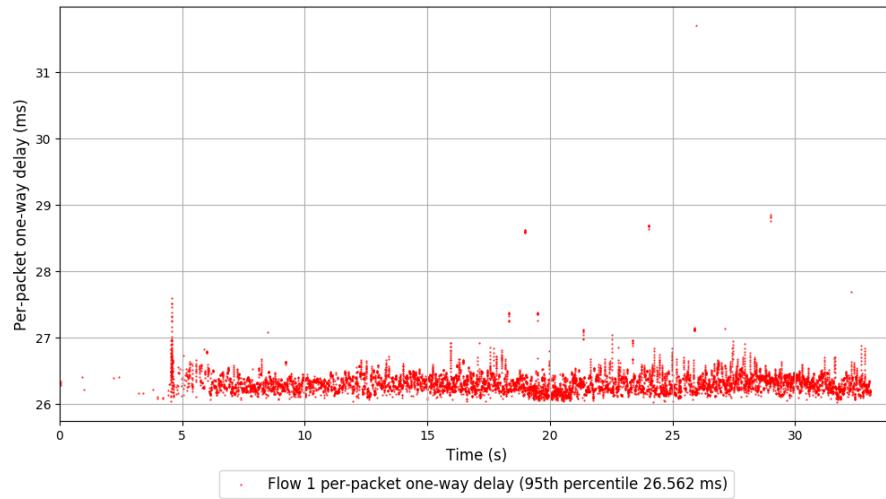
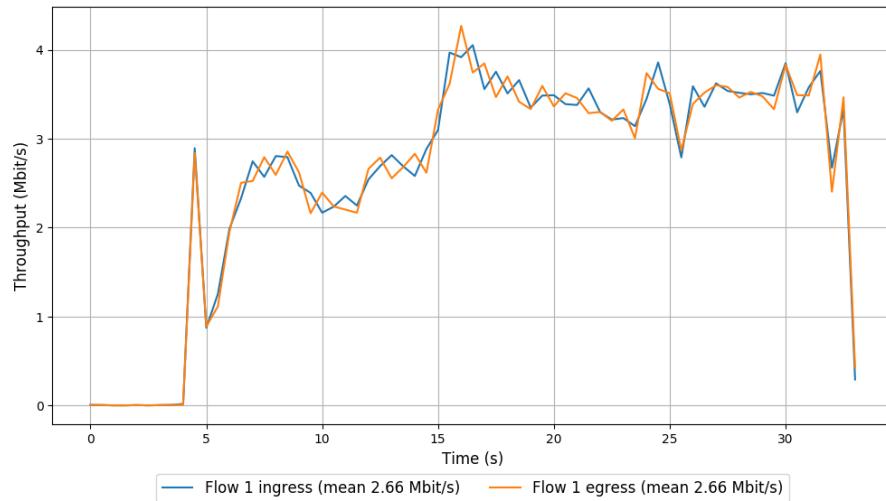


```
Run 2: Statistics of WebRTC media

Start at: Tue, 13 Jun 2017 07:55:02 +0000
End at: Tue, 13 Jun 2017 07:55:32 +0000
Local clock offset: 4.02 ms
Remote clock offset: -3.396 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:30:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.66 Mbit/s
95th percentile per-packet one-way delay: 26.562 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 2.66 Mbit/s
95th percentile per-packet one-way delay: 26.562 ms
Loss rate: 0.23%
```

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

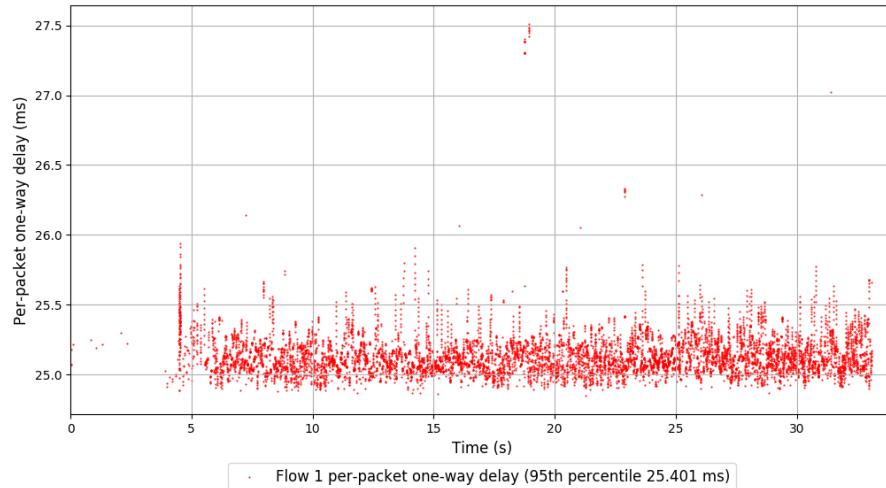
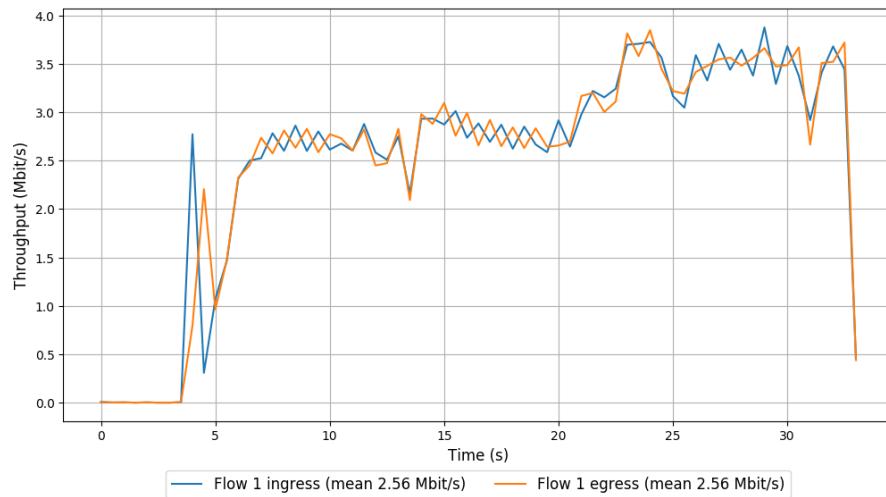


```
Run 3: Statistics of WebRTC media

Start at: Tue, 13 Jun 2017 08:16:01 +0000
End at: Tue, 13 Jun 2017 08:16:31 +0000
Local clock offset: 3.498 ms
Remote clock offset: -2.757 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:30:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.56 Mbit/s
95th percentile per-packet one-way delay: 25.401 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 2.56 Mbit/s
95th percentile per-packet one-way delay: 25.401 ms
Loss rate: 0.09%
```

### Run 3: Report of WebRTC media — Data Link

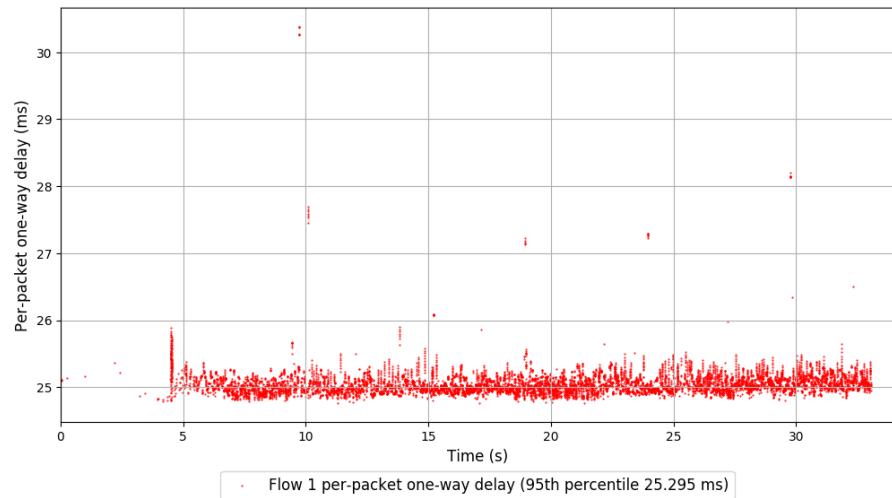
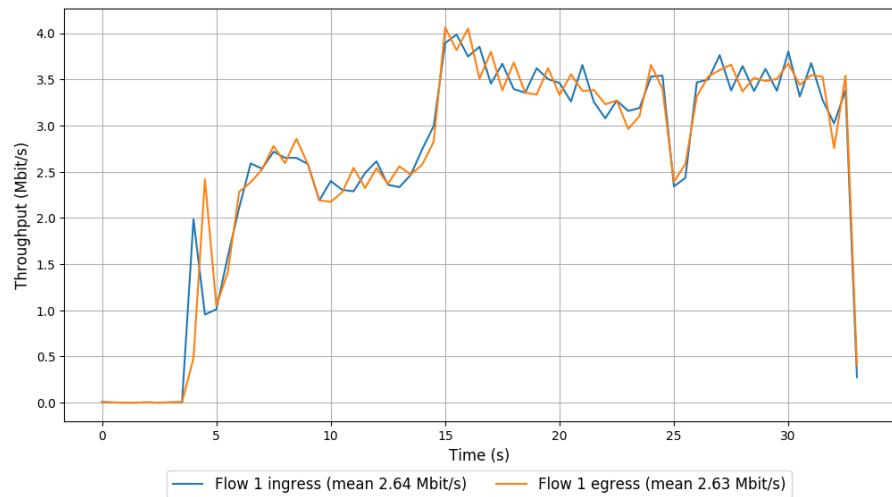


Run 4: Statistics of WebRTC media

```
Start at: Tue, 13 Jun 2017 08:36:54 +0000
End at: Tue, 13 Jun 2017 08:37:24 +0000
Local clock offset: 3.152 ms
Remote clock offset: -3.05 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:30:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.63 Mbit/s
95th percentile per-packet one-way delay: 25.295 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 2.63 Mbit/s
95th percentile per-packet one-way delay: 25.295 ms
Loss rate: 0.08%
```

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

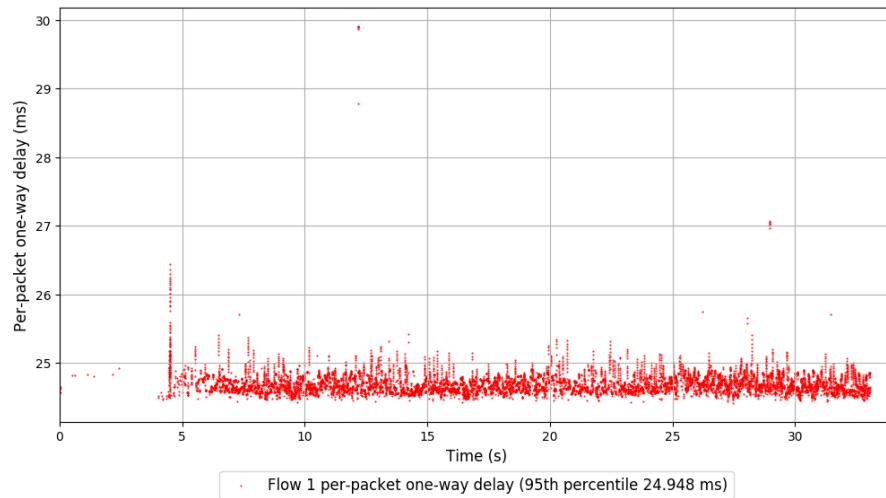
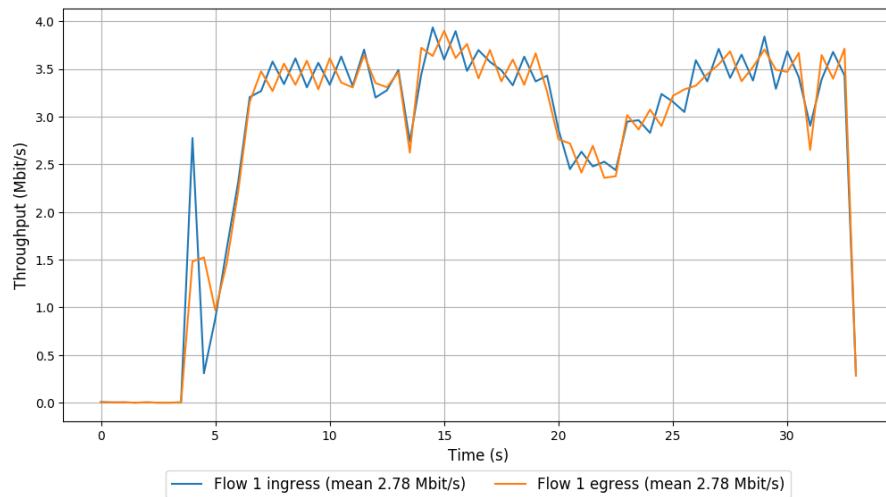


```
Run 5: Statistics of WebRTC media

Start at: Tue, 13 Jun 2017 08:57:49 +0000
End at: Tue, 13 Jun 2017 08:58:19 +0000
Local clock offset: 2.852 ms
Remote clock offset: -2.938 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:30:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.78 Mbit/s
95th percentile per-packet one-way delay: 24.948 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 2.78 Mbit/s
95th percentile per-packet one-way delay: 24.948 ms
Loss rate: 0.22%
```

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

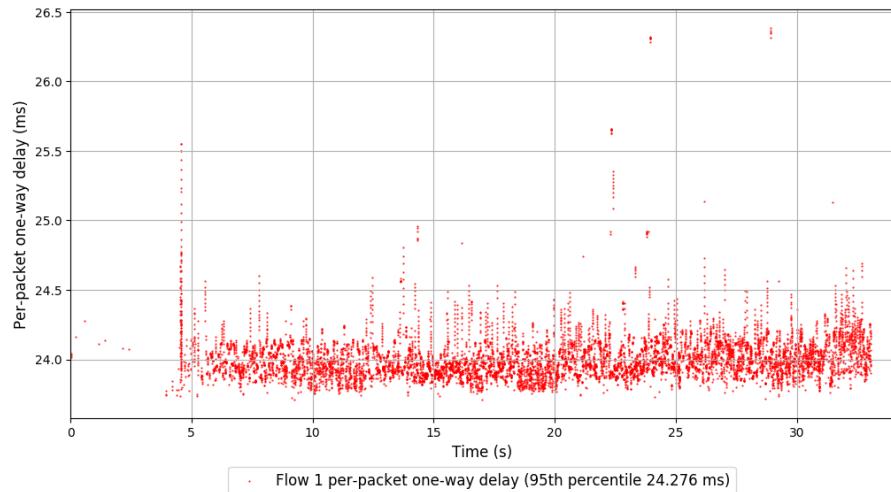
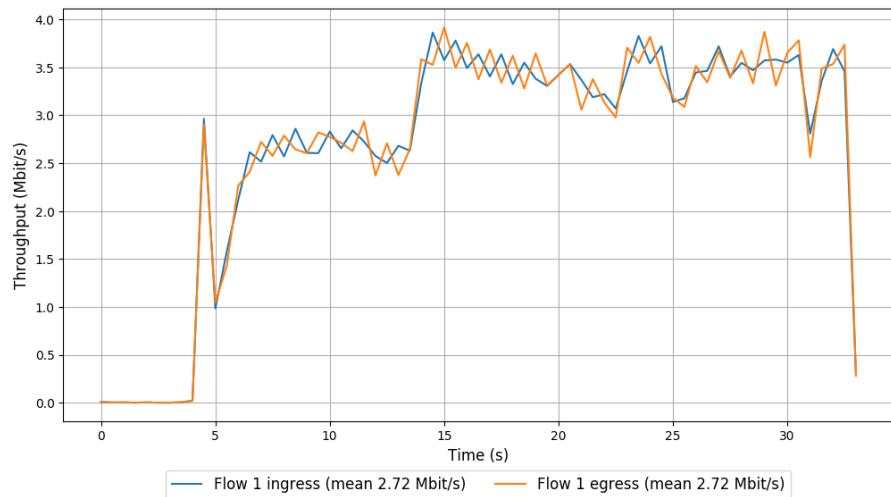


```
Run 6: Statistics of WebRTC media

Start at: Tue, 13 Jun 2017 09:18:50 +0000
End at: Tue, 13 Jun 2017 09:19:20 +0000
Local clock offset: 2.499 ms
Remote clock offset: -2.695 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:30:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.72 Mbit/s
95th percentile per-packet one-way delay: 24.276 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 2.72 Mbit/s
95th percentile per-packet one-way delay: 24.276 ms
Loss rate: 0.15%
```

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

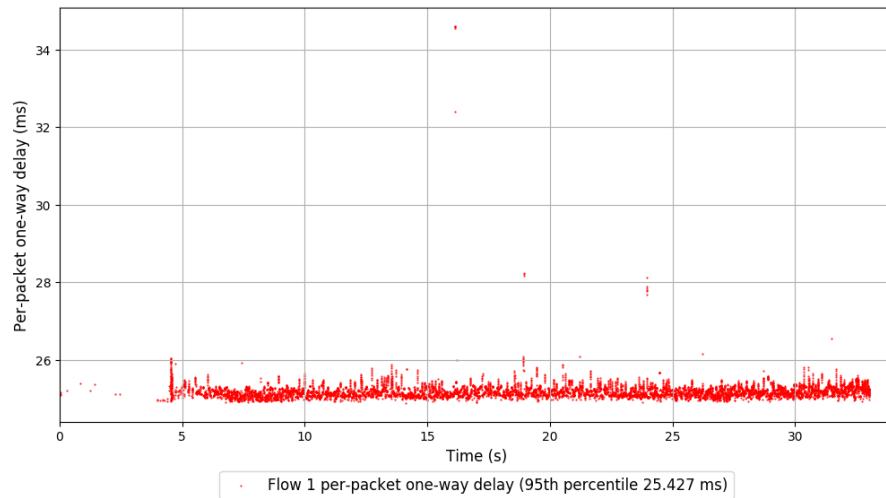
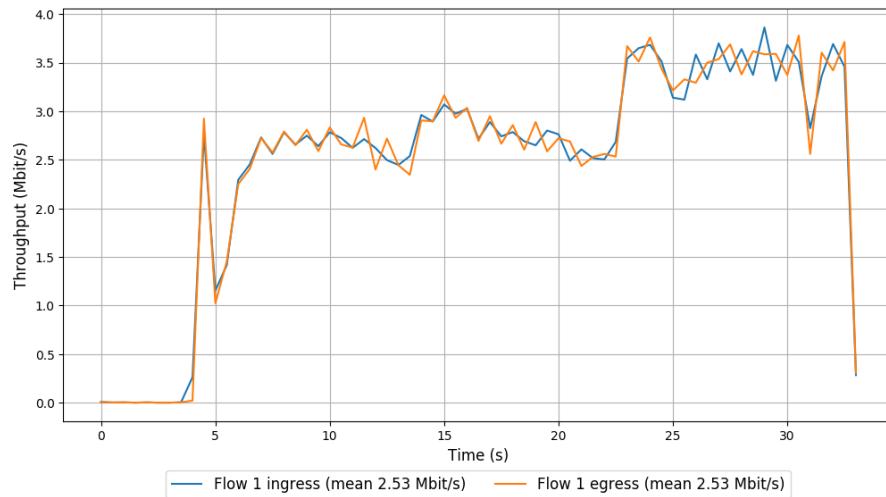


Run 7: Statistics of WebRTC media

```
Start at: Tue, 13 Jun 2017 09:40:00 +0000
End at: Tue, 13 Jun 2017 09:40:30 +0000
Local clock offset: 3.821 ms
Remote clock offset: -2.475 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:30:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.53 Mbit/s
95th percentile per-packet one-way delay: 25.427 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 2.53 Mbit/s
95th percentile per-packet one-way delay: 25.427 ms
Loss rate: 0.10%
```

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

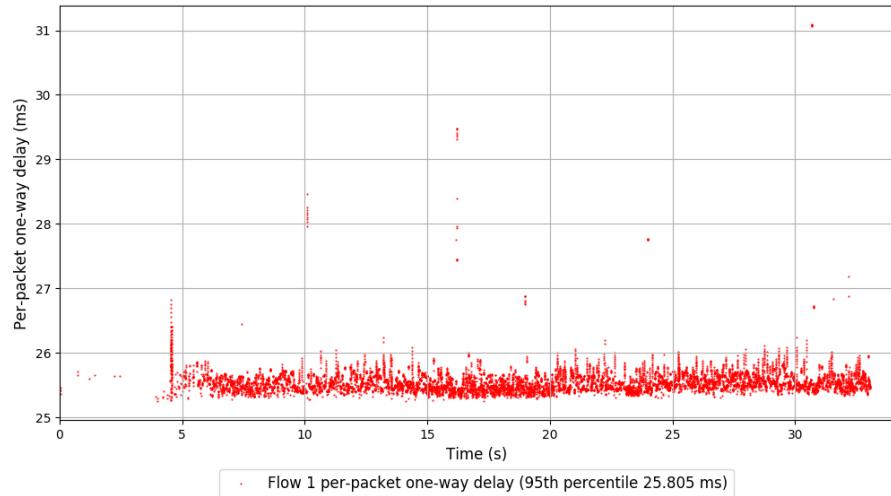
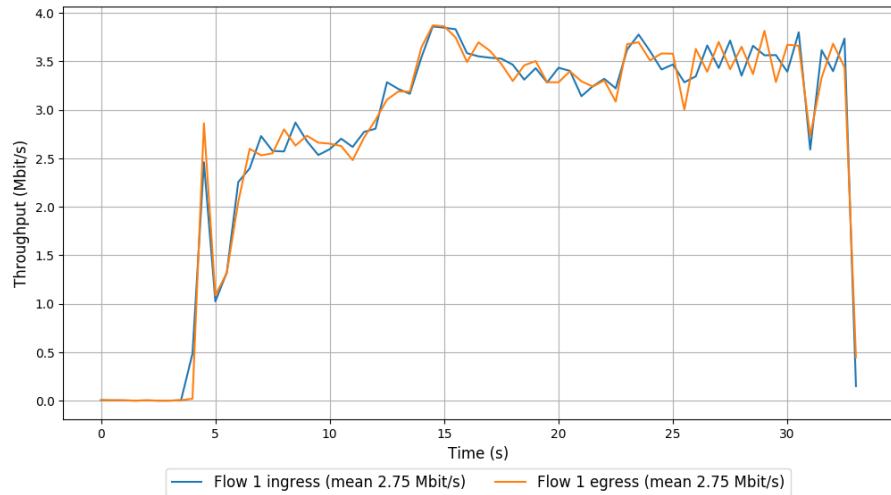


```
Run 8: Statistics of WebRTC media

Start at: Tue, 13 Jun 2017 10:01:08 +0000
End at: Tue, 13 Jun 2017 10:01:38 +0000
Local clock offset: 3.727 ms
Remote clock offset: -2.891 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:30:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.75 Mbit/s
95th percentile per-packet one-way delay: 25.805 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 2.75 Mbit/s
95th percentile per-packet one-way delay: 25.805 ms
Loss rate: 0.13%
```

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

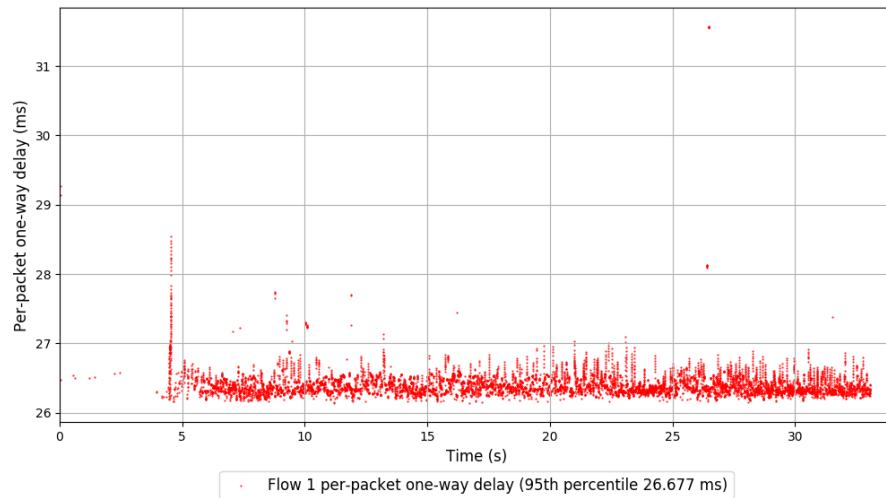
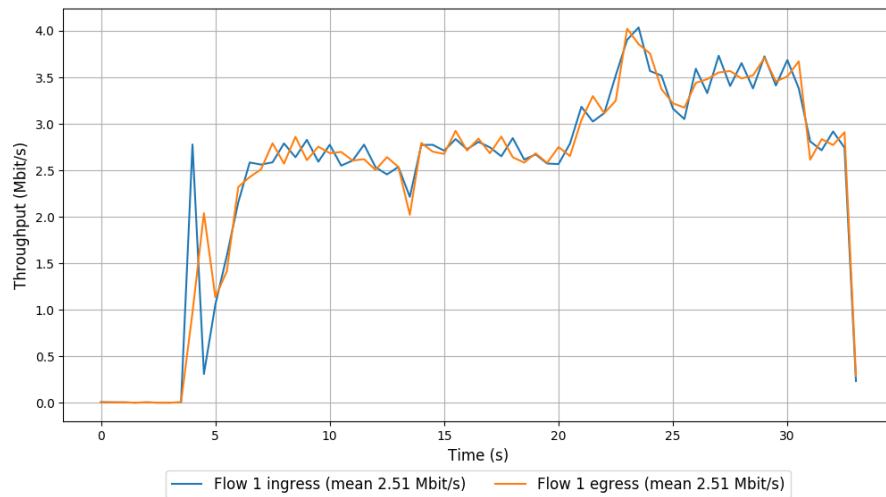


```
Run 9: Statistics of WebRTC media

Start at: Tue, 13 Jun 2017 10:22:12 +0000
End at: Tue, 13 Jun 2017 10:22:42 +0000
Local clock offset: 4.684 ms
Remote clock offset: -2.832 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:30:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.51 Mbit/s
95th percentile per-packet one-way delay: 26.677 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 2.51 Mbit/s
95th percentile per-packet one-way delay: 26.677 ms
Loss rate: 0.05%
```

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



```
Run 10: Statistics of WebRTC media

Start at: Tue, 13 Jun 2017 10:43:20 +0000
End at: Tue, 13 Jun 2017 10:43:50 +0000
Local clock offset: 5.051 ms
Remote clock offset: -2.392 ms

# Below is generated by plot.py at Tue, 13 Jun 2017 16:30:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.54 Mbit/s
95th percentile per-packet one-way delay: 26.768 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 2.54 Mbit/s
95th percentile per-packet one-way delay: 26.768 ms
Loss rate: 0.12%
```

Run 10: Report of WebRTC media — Data Link

