

**Pantheon Summary** (Generated at Fri, 30 Jun 2017 02:21:22 +0000 with  
pantheon version f1f579919e2382b18c1fb18b676e821e7efc0b62)

Repeated the test of 15 congestion control schemes 10 times.

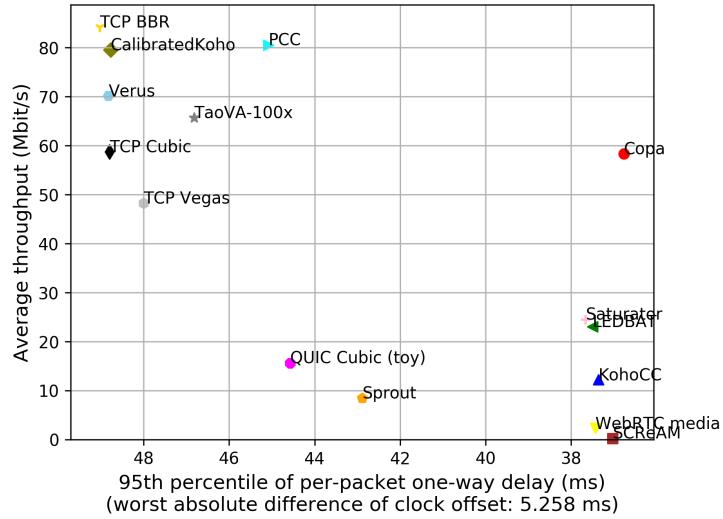
Each test lasted for 30 seconds running 1 flow.

Data path **from** Mexico Ethernet **to** AWS California 2 Ethernet.

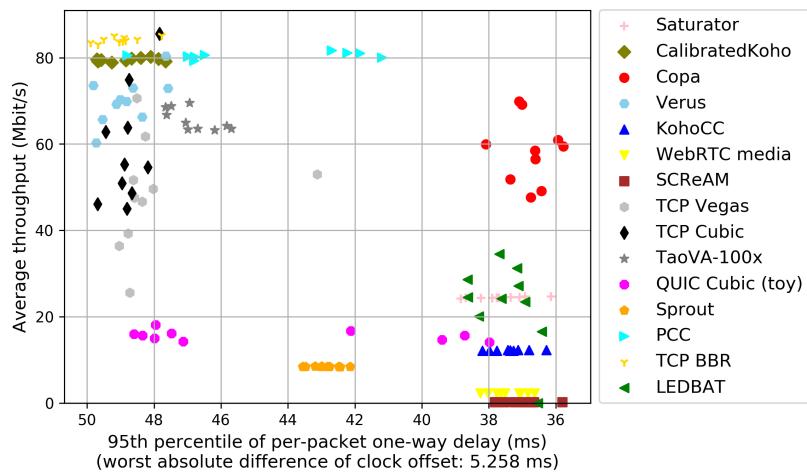
NTP offset measured against time.stanford.edu.

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

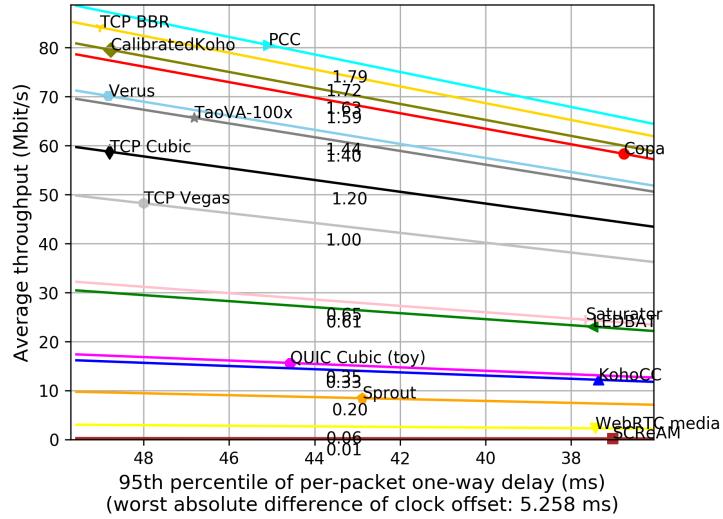
test from Mexico Ethernet to AWS California 2 Ethernet, 10 runs of 30s each per scheme  
mean of all runs by scheme



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



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



```
Run 1: Statistics of TCP BBR
```

```
Start at: Thu, 29 Jun 2017 22:17:49 +0000
```

```
End at: Thu, 29 Jun 2017 22:18:19 +0000
```

```
Local clock offset: 0.066 ms
```

```
Remote clock offset: -2.154 ms
```

```
# Below is generated by plot.py at Fri, 30 Jun 2017 02:11:53 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 84.22 Mbit/s
```

```
95th percentile per-packet one-way delay: 48.506 ms
```

```
Loss rate: 0.44%
```

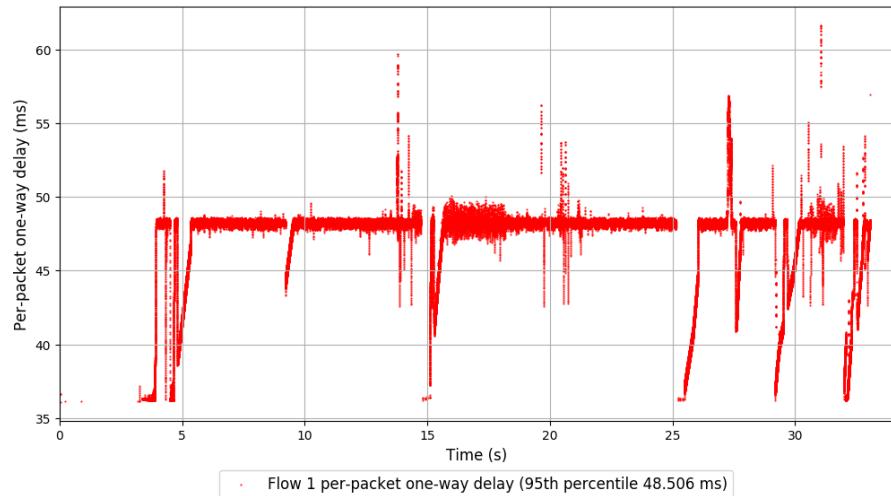
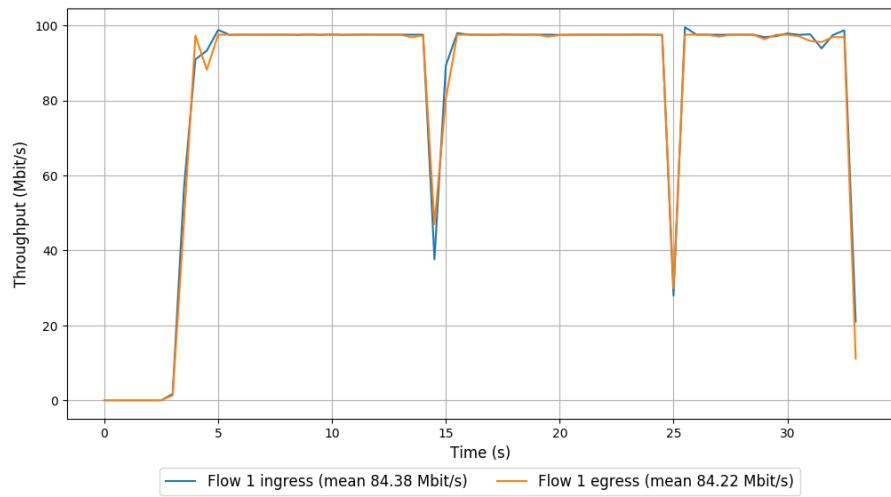
```
-- Flow 1:
```

```
Average throughput: 84.22 Mbit/s
```

```
95th percentile per-packet one-way delay: 48.506 ms
```

```
Loss rate: 0.44%
```

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

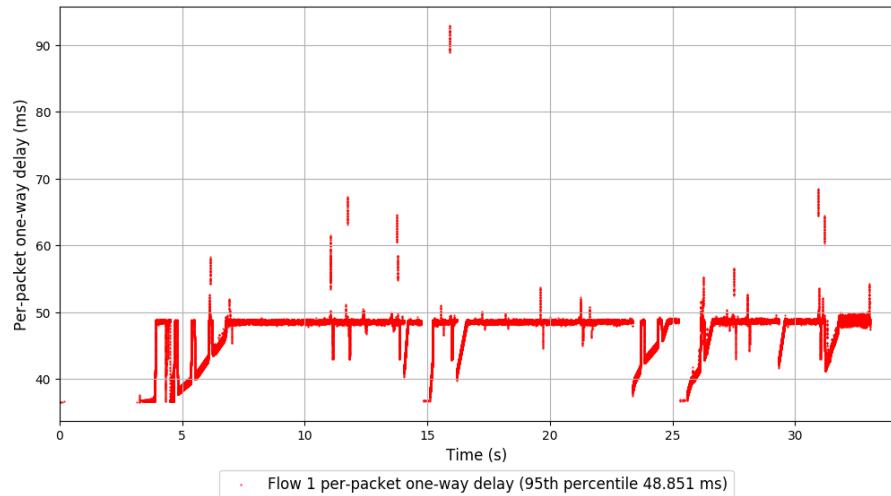
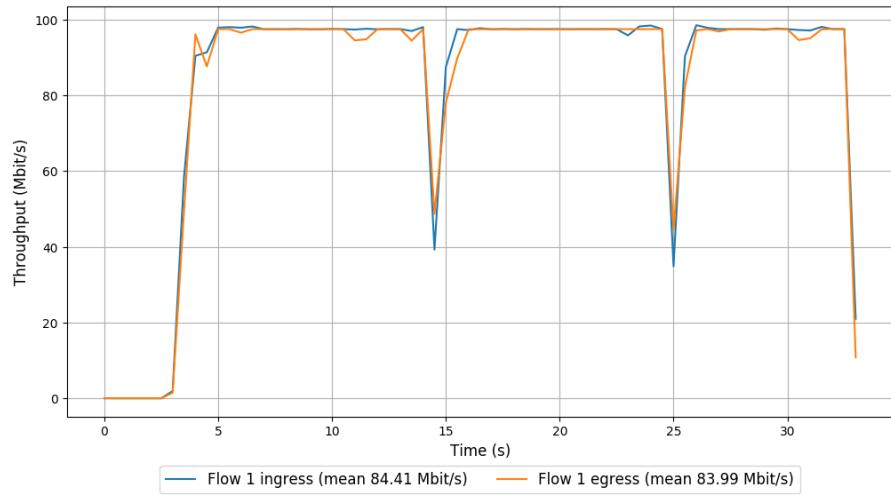


Run 2: Statistics of TCP BBR

```
Start at: Thu, 29 Jun 2017 22:37:32 +0000
End at: Thu, 29 Jun 2017 22:38:02 +0000
Local clock offset: 0.028 ms
Remote clock offset: -2.664 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:11:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.99 Mbit/s
95th percentile per-packet one-way delay: 48.851 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 83.99 Mbit/s
95th percentile per-packet one-way delay: 48.851 ms
Loss rate: 0.77%
```

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

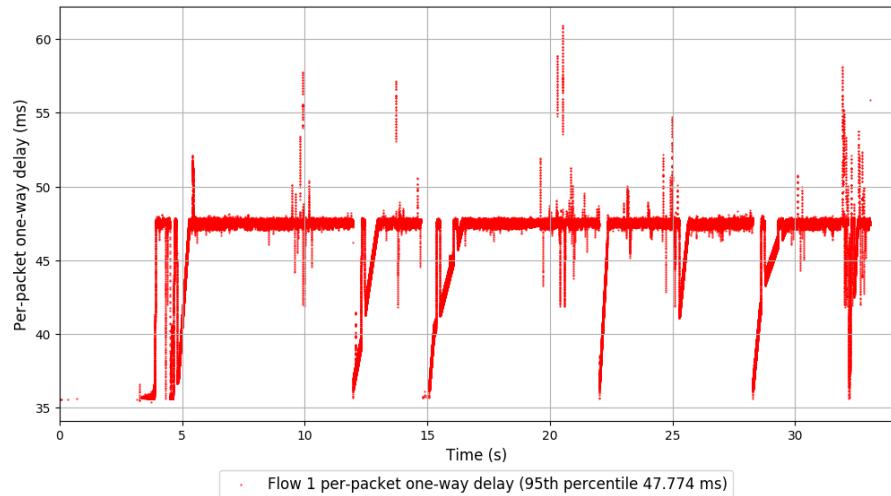
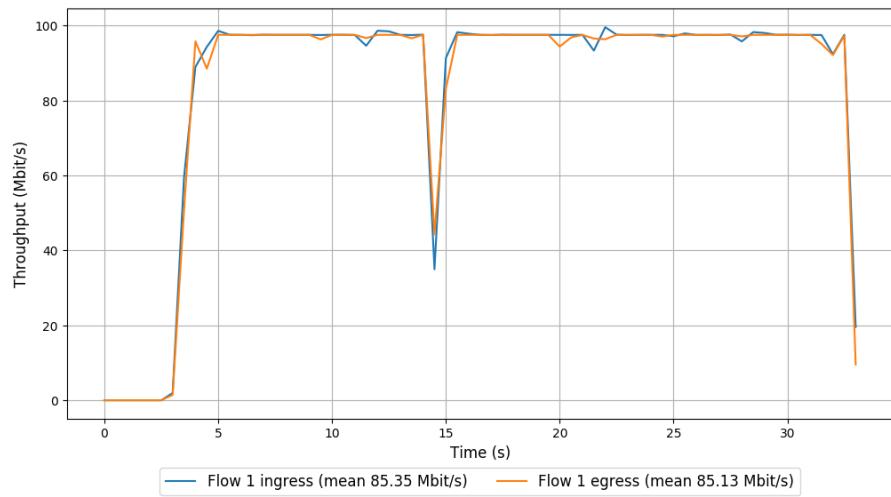


Run 3: Statistics of TCP BBR

```
Start at: Thu, 29 Jun 2017 22:57:13 +0000
End at: Thu, 29 Jun 2017 22:57:43 +0000
Local clock offset: 0.031 ms
Remote clock offset: -2.243 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:12:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.13 Mbit/s
95th percentile per-packet one-way delay: 47.774 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 85.13 Mbit/s
95th percentile per-packet one-way delay: 47.774 ms
Loss rate: 0.50%
```

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

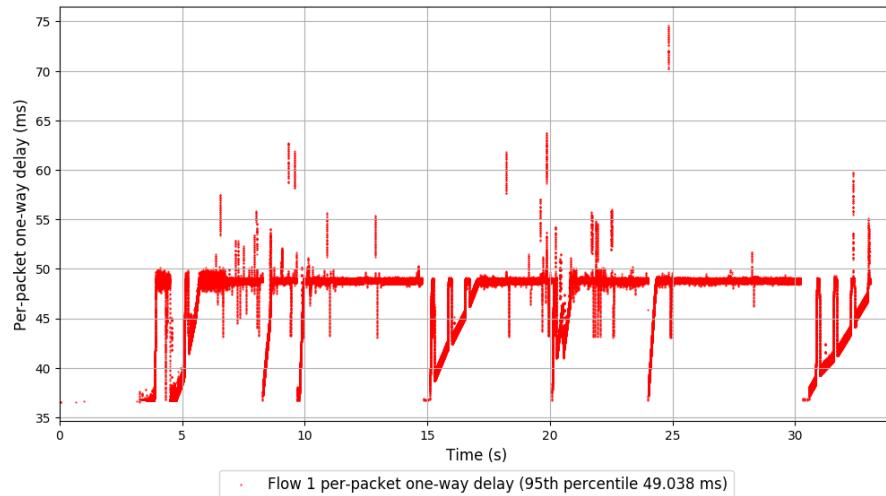
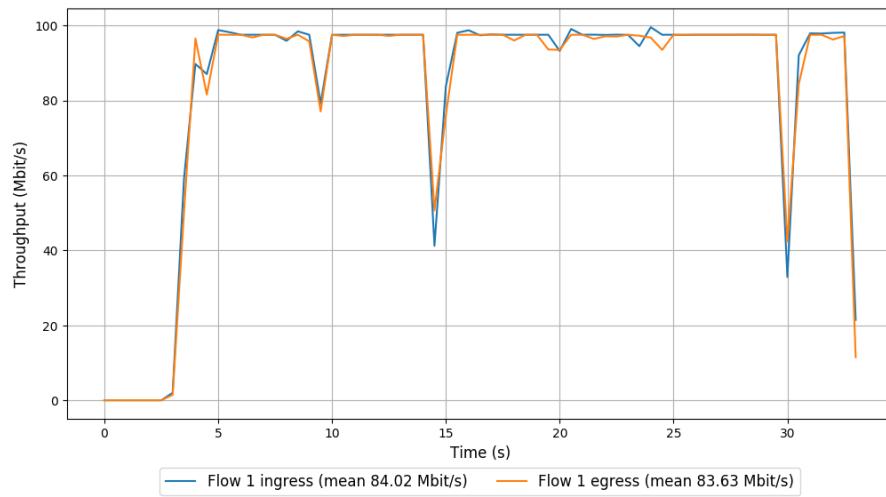


Run 4: Statistics of TCP BBR

```
Start at: Thu, 29 Jun 2017 23:17:00 +0000
End at: Thu, 29 Jun 2017 23:17:30 +0000
Local clock offset: -0.003 ms
Remote clock offset: -5.104 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:12:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.63 Mbit/s
95th percentile per-packet one-way delay: 49.038 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 83.63 Mbit/s
95th percentile per-packet one-way delay: 49.038 ms
Loss rate: 0.72%
```

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

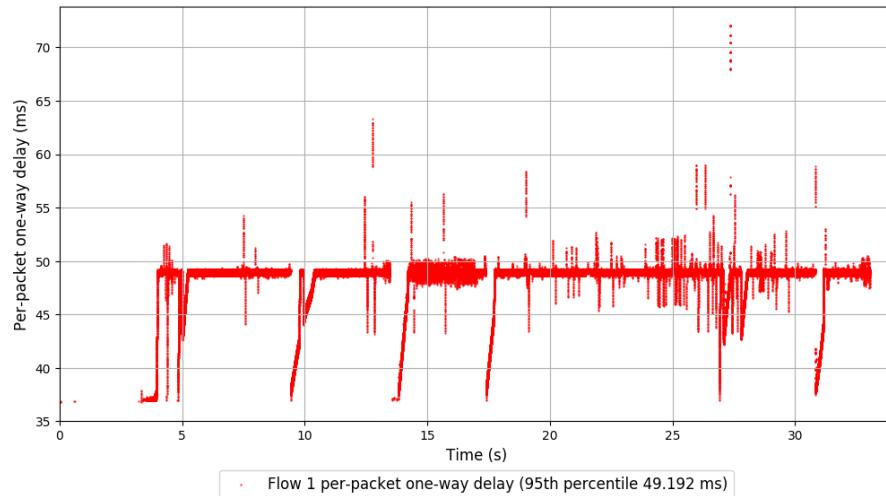
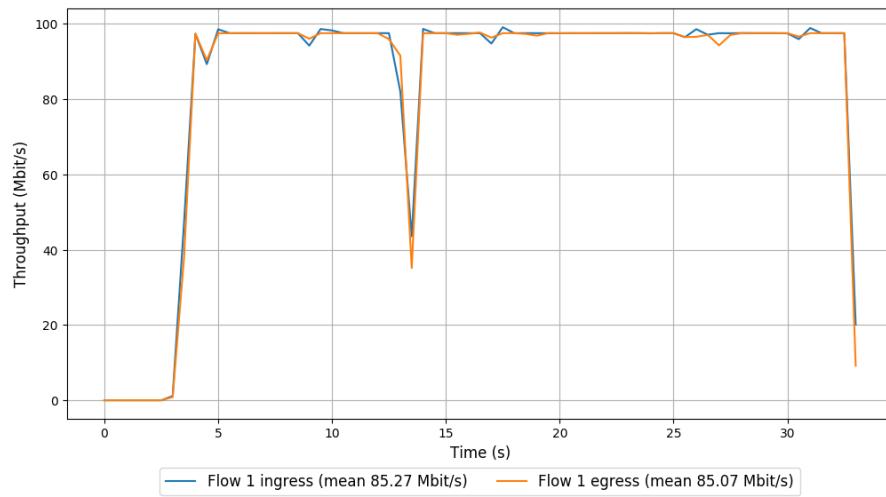


Run 5: Statistics of TCP BBR

```
Start at: Thu, 29 Jun 2017 23:36:50 +0000
End at: Thu, 29 Jun 2017 23:37:20 +0000
Local clock offset: -0.116 ms
Remote clock offset: -2.052 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:12:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.07 Mbit/s
95th percentile per-packet one-way delay: 49.192 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 85.07 Mbit/s
95th percentile per-packet one-way delay: 49.192 ms
Loss rate: 0.53%
```

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

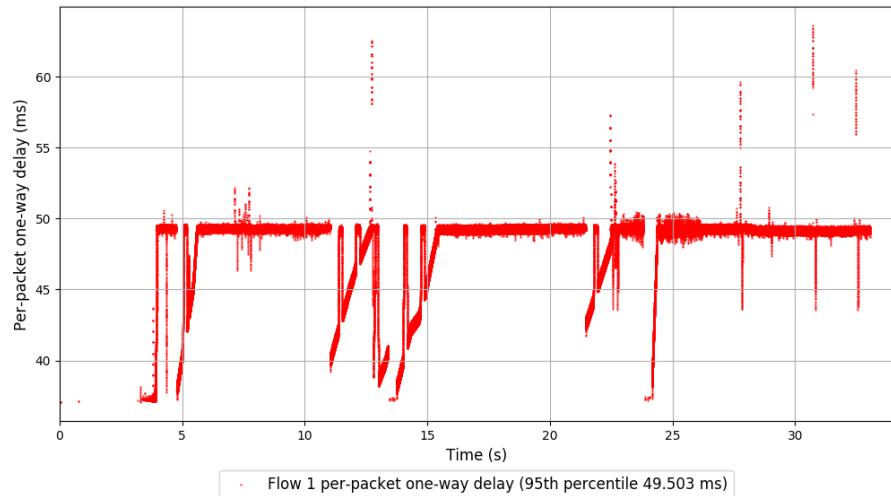
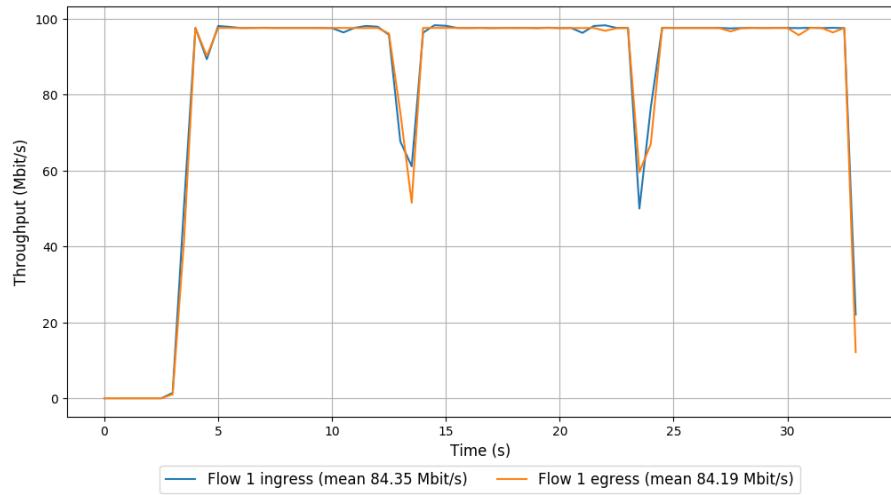


Run 6: Statistics of TCP BBR

```
Start at: Thu, 29 Jun 2017 23:56:40 +0000
End at: Thu, 29 Jun 2017 23:57:10 +0000
Local clock offset: -0.141 ms
Remote clock offset: -1.7 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:12:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.19 Mbit/s
95th percentile per-packet one-way delay: 49.503 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 84.19 Mbit/s
95th percentile per-packet one-way delay: 49.503 ms
Loss rate: 0.46%
```

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

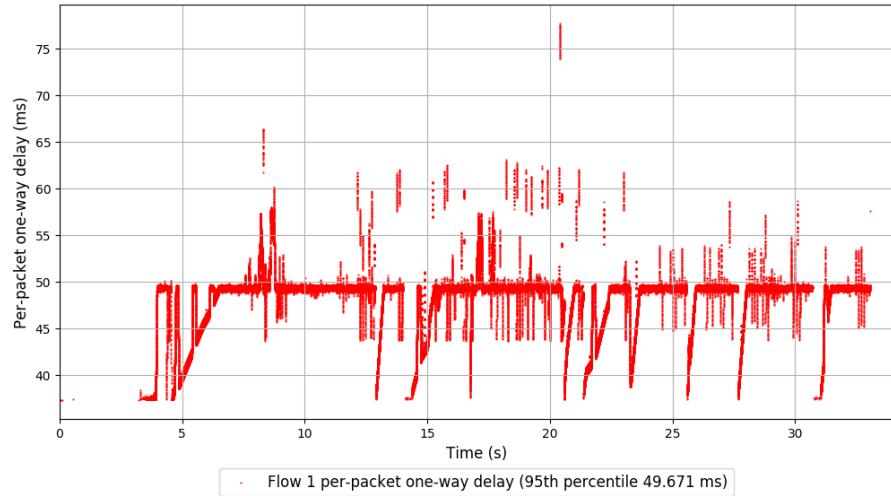
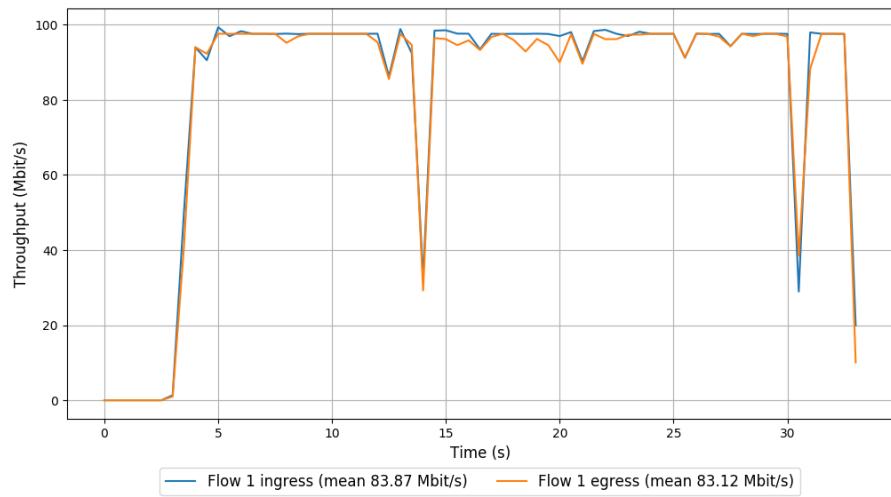


Run 7: Statistics of TCP BBR

```
Start at: Fri, 30 Jun 2017 00:16:27 +0000
End at: Fri, 30 Jun 2017 00:16:57 +0000
Local clock offset: -0.195 ms
Remote clock offset: -2.108 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:12:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.12 Mbit/s
95th percentile per-packet one-way delay: 49.671 ms
Loss rate: 1.16%
-- Flow 1:
Average throughput: 83.12 Mbit/s
95th percentile per-packet one-way delay: 49.671 ms
Loss rate: 1.16%
```

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

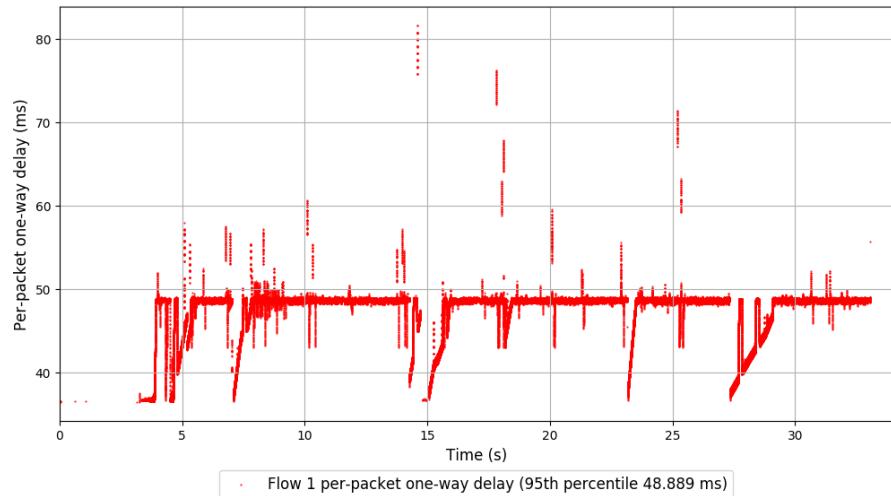
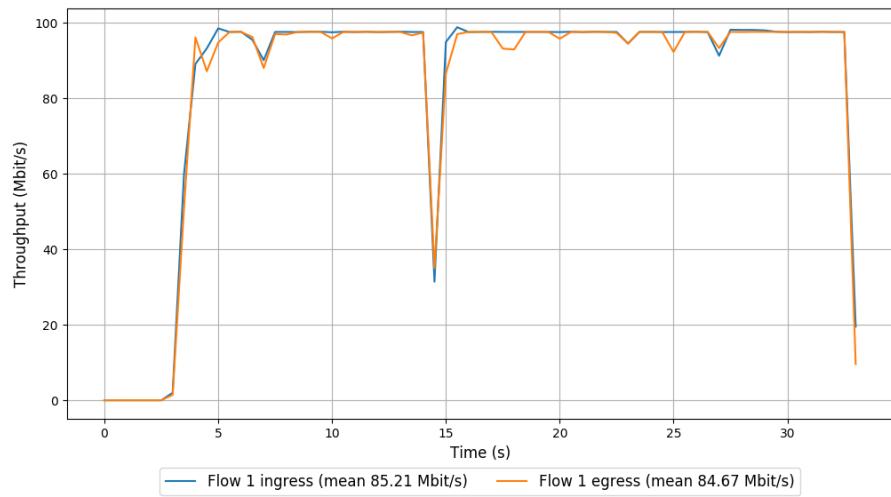


Run 8: Statistics of TCP BBR

```
Start at: Fri, 30 Jun 2017 00:36:12 +0000
End at: Fri, 30 Jun 2017 00:36:42 +0000
Local clock offset: -0.393 ms
Remote clock offset: -2.554 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:12:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.67 Mbit/s
95th percentile per-packet one-way delay: 48.889 ms
Loss rate: 0.90%
-- Flow 1:
Average throughput: 84.67 Mbit/s
95th percentile per-packet one-way delay: 48.889 ms
Loss rate: 0.90%
```

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

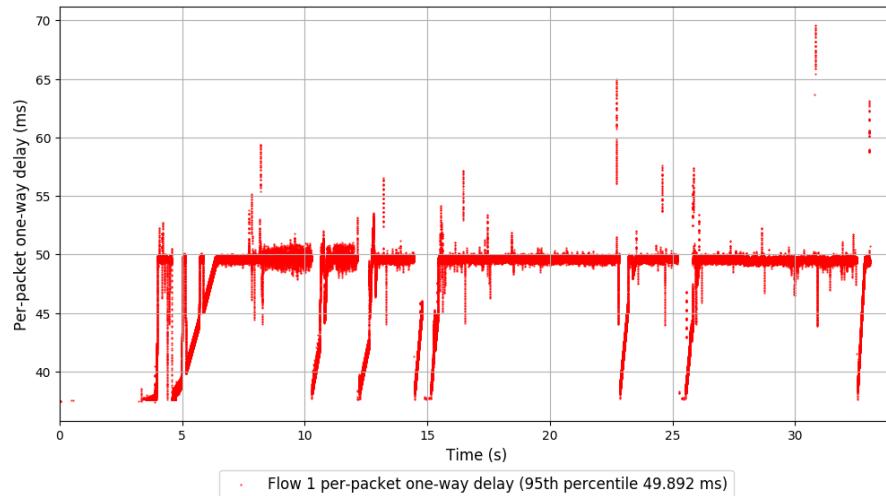
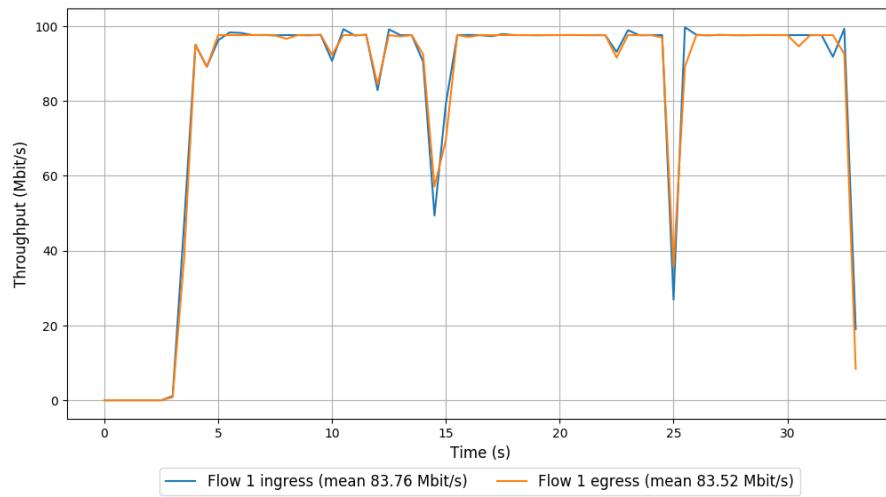


Run 9: Statistics of TCP BBR

```
Start at: Fri, 30 Jun 2017 00:55:55 +0000
End at: Fri, 30 Jun 2017 00:56:25 +0000
Local clock offset: -0.364 ms
Remote clock offset: -4.29 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:12:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.52 Mbit/s
95th percentile per-packet one-way delay: 49.892 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 83.52 Mbit/s
95th percentile per-packet one-way delay: 49.892 ms
Loss rate: 0.56%
```

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

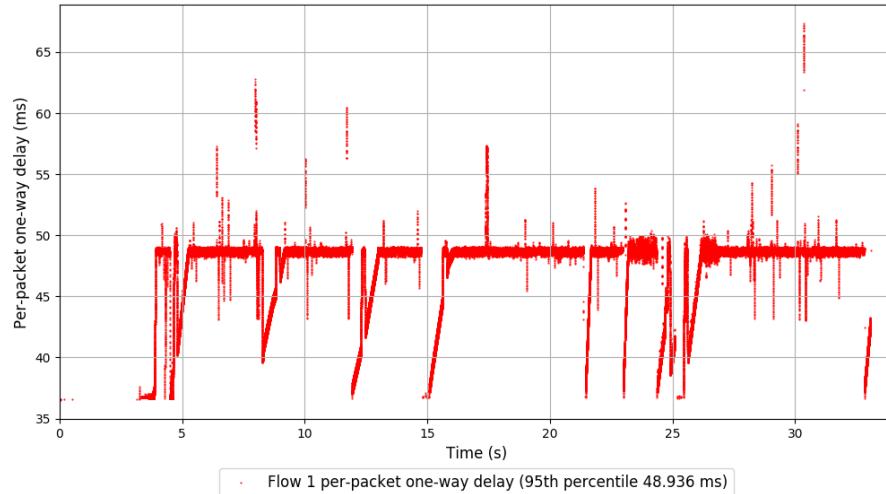
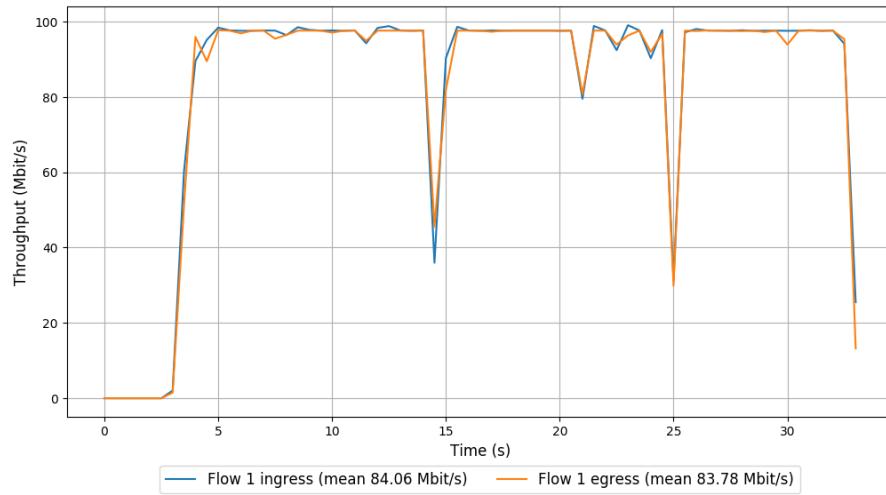


Run 10: Statistics of TCP BBR

```
Start at: Fri, 30 Jun 2017 01:15:40 +0000
End at: Fri, 30 Jun 2017 01:16:10 +0000
Local clock offset: -0.152 ms
Remote clock offset: -1.513 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:12:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.78 Mbit/s
95th percentile per-packet one-way delay: 48.936 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 83.78 Mbit/s
95th percentile per-packet one-way delay: 48.936 ms
Loss rate: 0.59%
```

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



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

```
Start at: Thu, 29 Jun 2017 22:16:26 +0000
```

```
End at: Thu, 29 Jun 2017 22:16:56 +0000
```

```
Local clock offset: -0.02 ms
```

```
Remote clock offset: -1.588 ms
```

```
# Below is generated by plot.py at Fri, 30 Jun 2017 02:12:52 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 78.90 Mbit/s
```

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

```
Loss rate: 1.04%
```

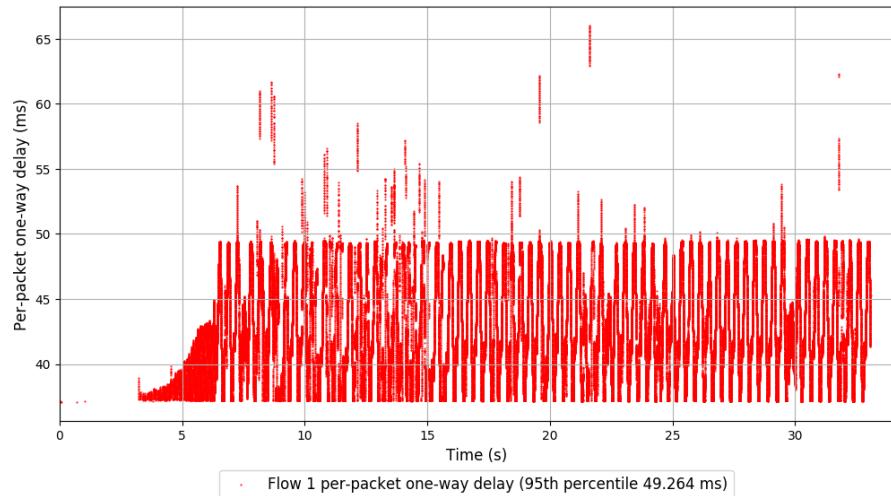
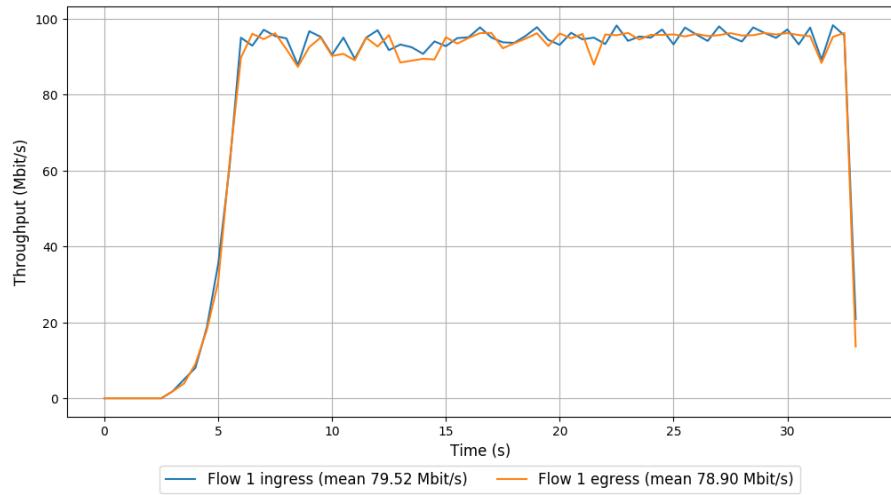
```
-- Flow 1:
```

```
Average throughput: 78.90 Mbit/s
```

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

```
Loss rate: 1.04%
```

Run 1: Report of CalibratedKoho — Data Link

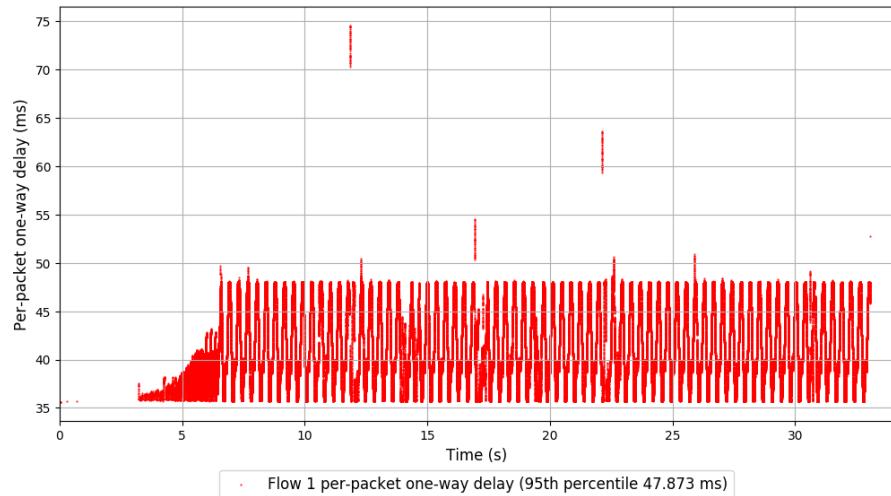
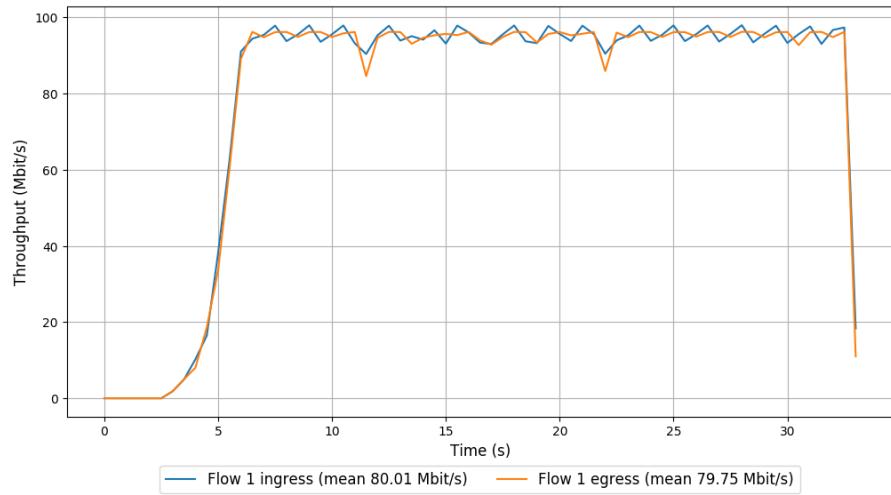


Run 2: Statistics of CalibratedKoho

```
Start at: Thu, 29 Jun 2017 22:36:09 +0000
End at: Thu, 29 Jun 2017 22:36:39 +0000
Local clock offset: -0.035 ms
Remote clock offset: -2.99 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:12:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.75 Mbit/s
95th percentile per-packet one-way delay: 47.873 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 79.75 Mbit/s
95th percentile per-packet one-way delay: 47.873 ms
Loss rate: 0.56%
```

## Run 2: Report of CalibratedKoho — Data Link

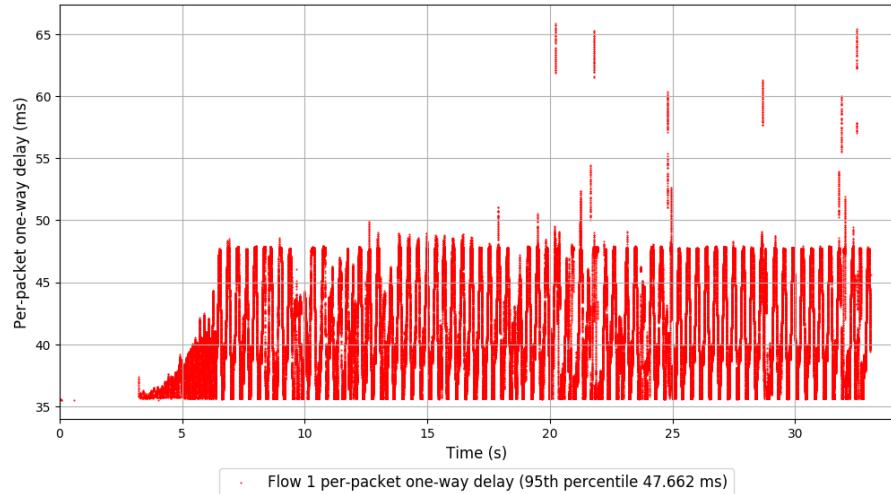
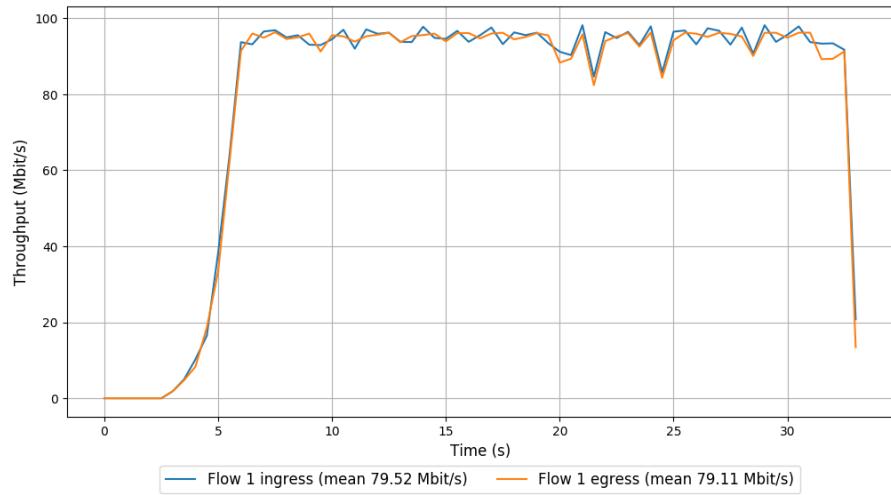


```
Run 3: Statistics of CalibratedKoho
```

```
Start at: Thu, 29 Jun 2017 22:55:50 +0000
End at: Thu, 29 Jun 2017 22:56:20 +0000
Local clock offset: -0.027 ms
Remote clock offset: -2.634 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:13:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.11 Mbit/s
95th percentile per-packet one-way delay: 47.662 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 79.11 Mbit/s
95th percentile per-packet one-way delay: 47.662 ms
Loss rate: 0.76%
```

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

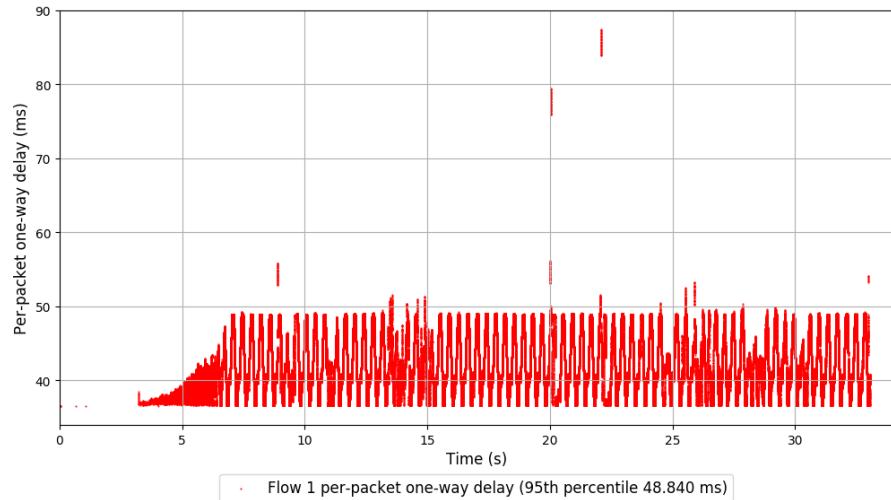
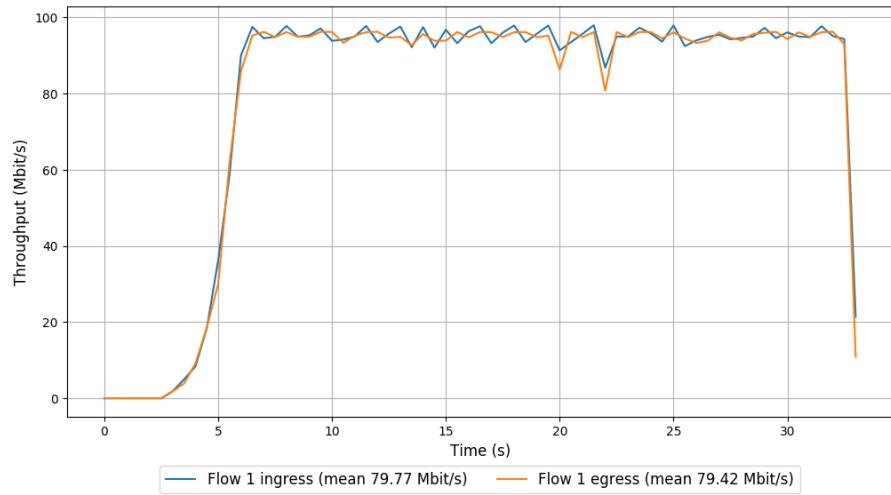


Run 4: Statistics of CalibratedKoho

```
Start at: Thu, 29 Jun 2017 23:15:37 +0000
End at: Thu, 29 Jun 2017 23:16:07 +0000
Local clock offset: -0.053 ms
Remote clock offset: -2.567 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:13:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.42 Mbit/s
95th percentile per-packet one-way delay: 48.840 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 79.42 Mbit/s
95th percentile per-packet one-way delay: 48.840 ms
Loss rate: 0.72%
```

## Run 4: Report of CalibratedKoho — Data Link

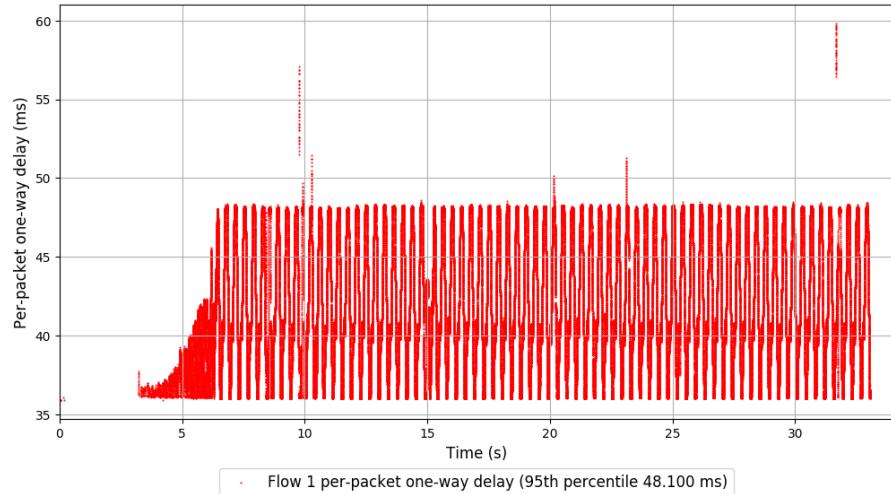
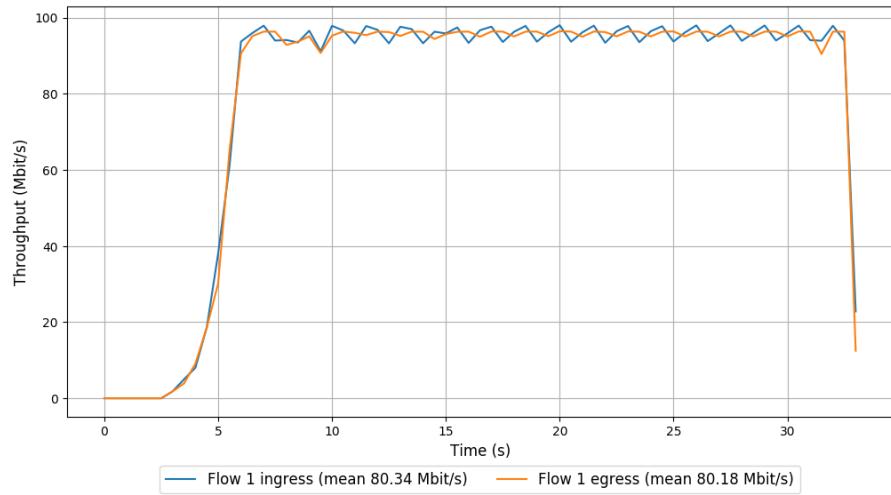


```
Run 5: Statistics of CalibratedKoho
```

```
Start at: Thu, 29 Jun 2017 23:35:27 +0000
End at: Thu, 29 Jun 2017 23:35:57 +0000
Local clock offset: -0.022 ms
Remote clock offset: -2.442 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:13:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.18 Mbit/s
95th percentile per-packet one-way delay: 48.100 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 80.18 Mbit/s
95th percentile per-packet one-way delay: 48.100 ms
Loss rate: 0.45%
```

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

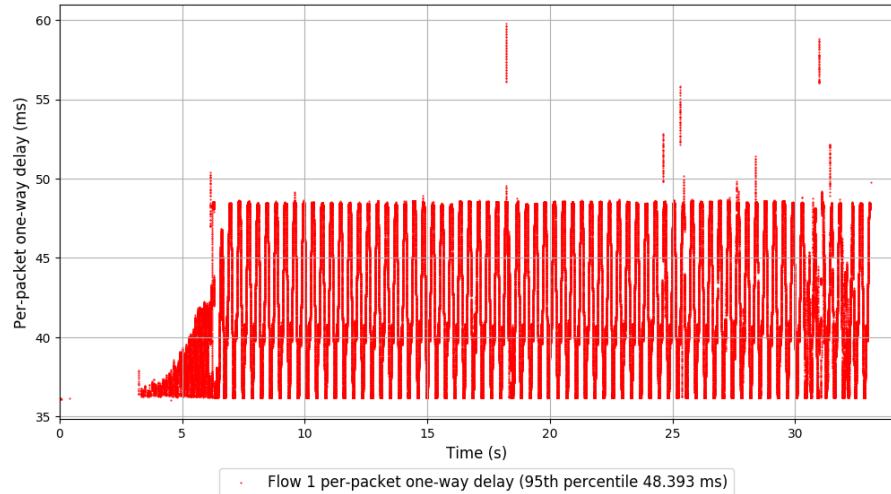
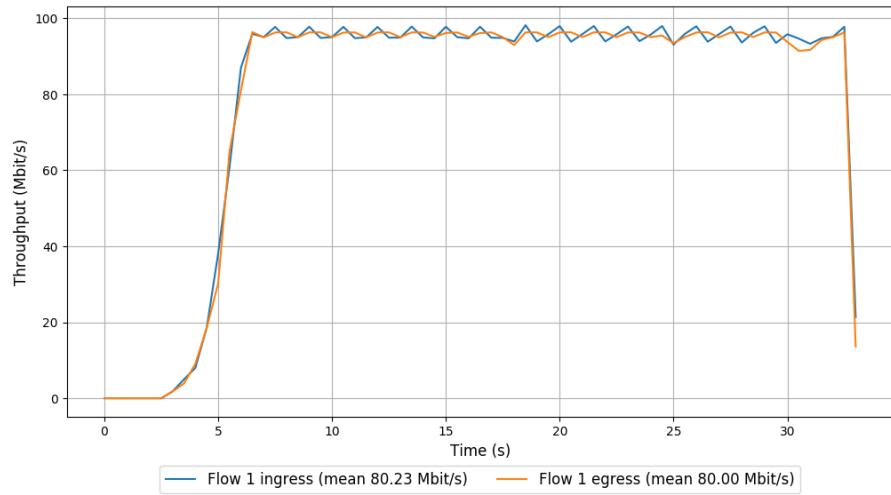


```
Run 6: Statistics of CalibratedKoho
```

```
Start at: Thu, 29 Jun 2017 23:55:18 +0000
End at: Thu, 29 Jun 2017 23:55:48 +0000
Local clock offset: -0.159 ms
Remote clock offset: -2.234 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:13:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.00 Mbit/s
95th percentile per-packet one-way delay: 48.393 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 80.00 Mbit/s
95th percentile per-packet one-way delay: 48.393 ms
Loss rate: 0.55%
```

## Run 6: Report of CalibratedKoho — Data Link



Run 7: Statistics of CalibratedKoho

Start at: Fri, 30 Jun 2017 00:15:04 +0000

End at: Fri, 30 Jun 2017 00:15:34 +0000

Local clock offset: -0.175 ms

Remote clock offset: -1.666 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:13:32 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 79.45 Mbit/s

95th percentile per-packet one-way delay: 49.577 ms

Loss rate: 0.50%

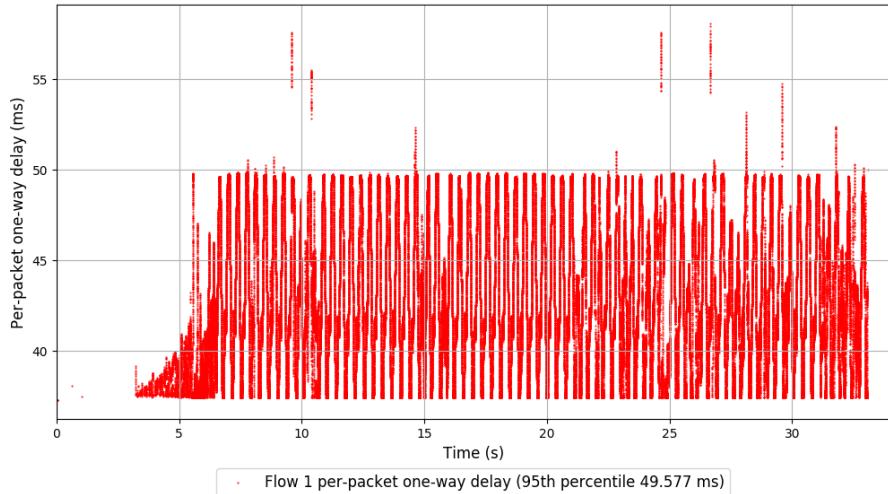
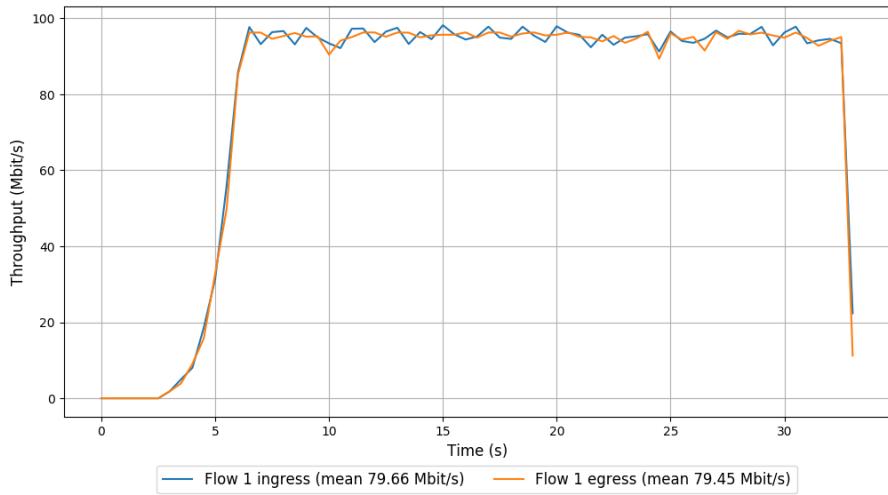
-- Flow 1:

Average throughput: 79.45 Mbit/s

95th percentile per-packet one-way delay: 49.577 ms

Loss rate: 0.50%

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

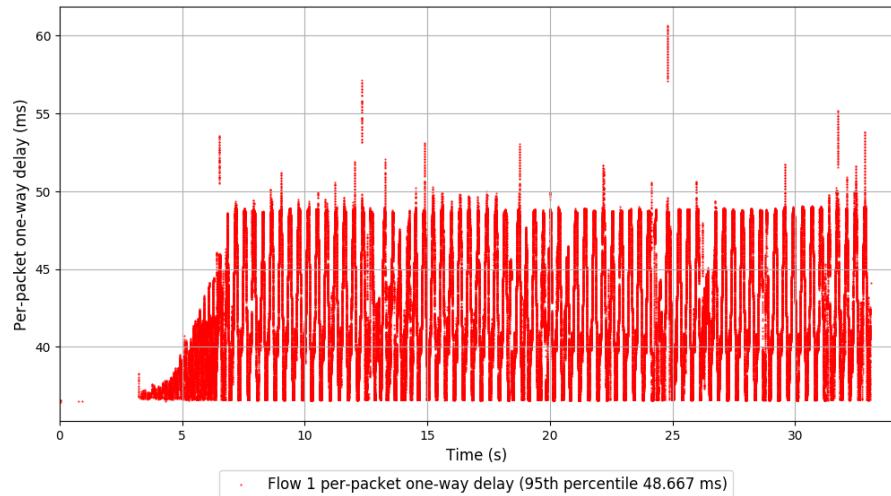
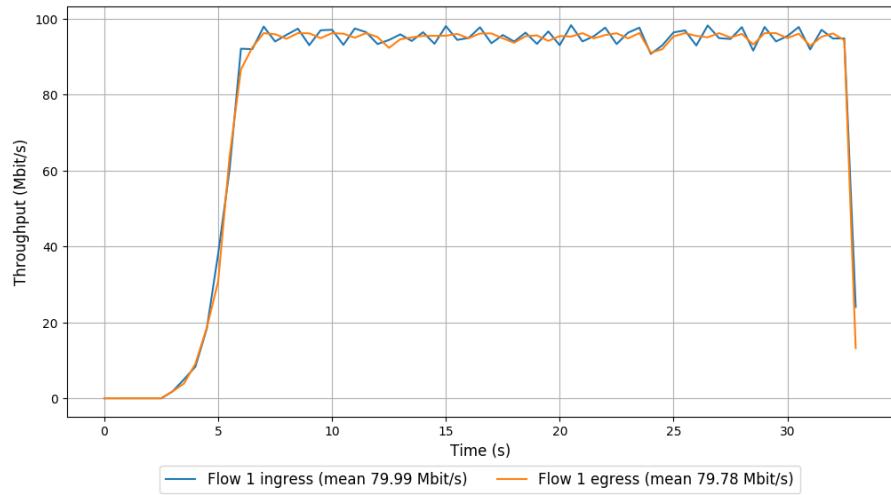


Run 8: Statistics of CalibratedKoho

```
Start at: Fri, 30 Jun 2017 00:34:50 +0000
End at: Fri, 30 Jun 2017 00:35:20 +0000
Local clock offset: -0.372 ms
Remote clock offset: -4.626 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:13:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.78 Mbit/s
95th percentile per-packet one-way delay: 48.667 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 79.78 Mbit/s
95th percentile per-packet one-way delay: 48.667 ms
Loss rate: 0.52%
```

Run 8: Report of CalibratedKoho — Data Link

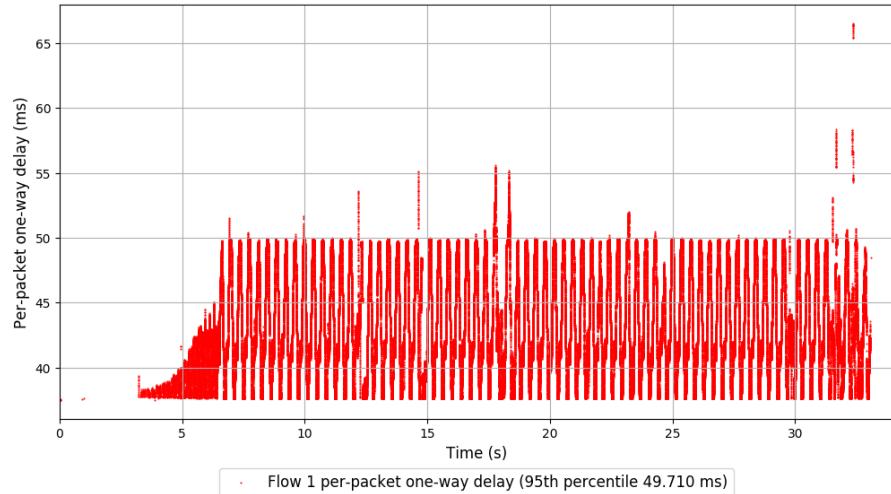
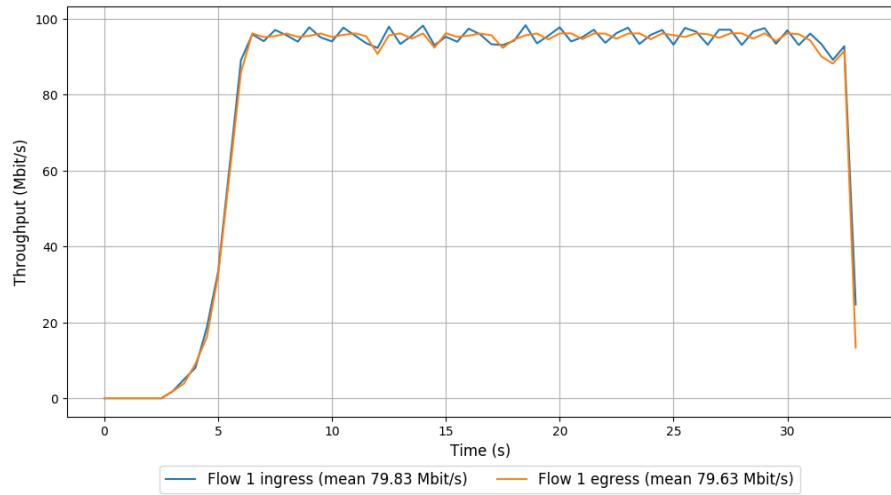


```
Run 9: Statistics of CalibratedKoho
```

```
Start at: Fri, 30 Jun 2017 00:54:31 +0000
End at: Fri, 30 Jun 2017 00:55:01 +0000
Local clock offset: -0.384 ms
Remote clock offset: -2.111 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:13:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.63 Mbit/s
95th percentile per-packet one-way delay: 49.710 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 79.63 Mbit/s
95th percentile per-packet one-way delay: 49.710 ms
Loss rate: 0.52%
```

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

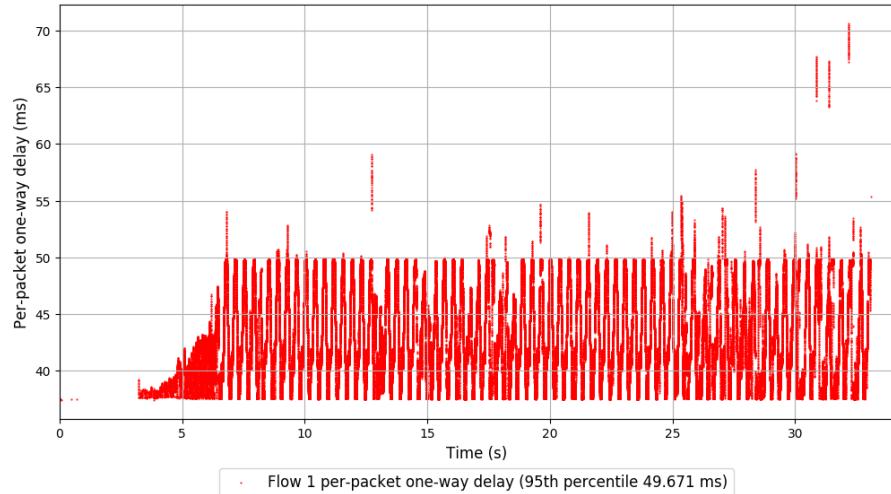
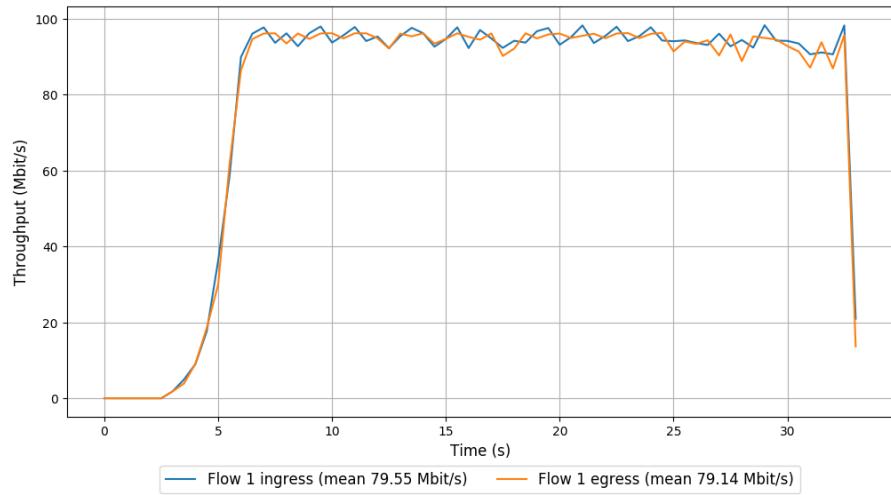


```
Run 10: Statistics of CalibratedKoho

Start at: Fri, 30 Jun 2017 01:14:18 +0000
End at: Fri, 30 Jun 2017 01:14:48 +0000
Local clock offset: -0.086 ms
Remote clock offset: -2.228 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:13:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.14 Mbit/s
95th percentile per-packet one-way delay: 49.671 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 79.14 Mbit/s
95th percentile per-packet one-way delay: 49.671 ms
Loss rate: 0.77%
```

## Run 10: Report of CalibratedKoho — Data Link

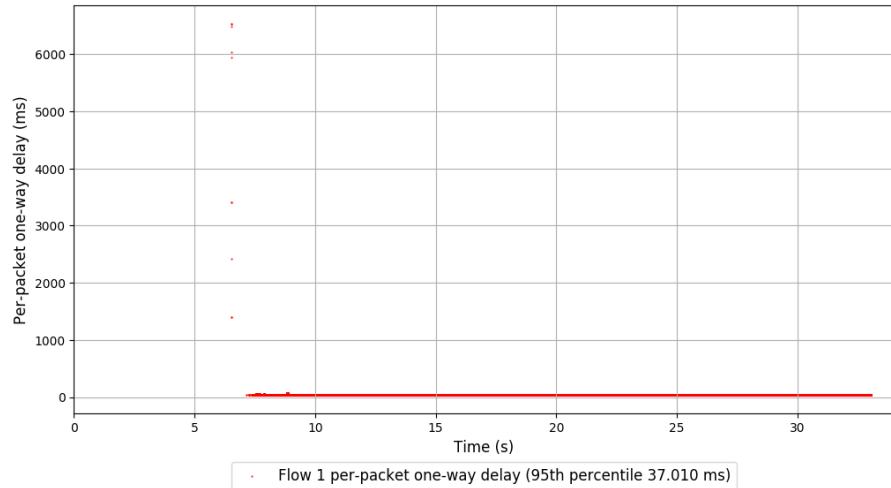
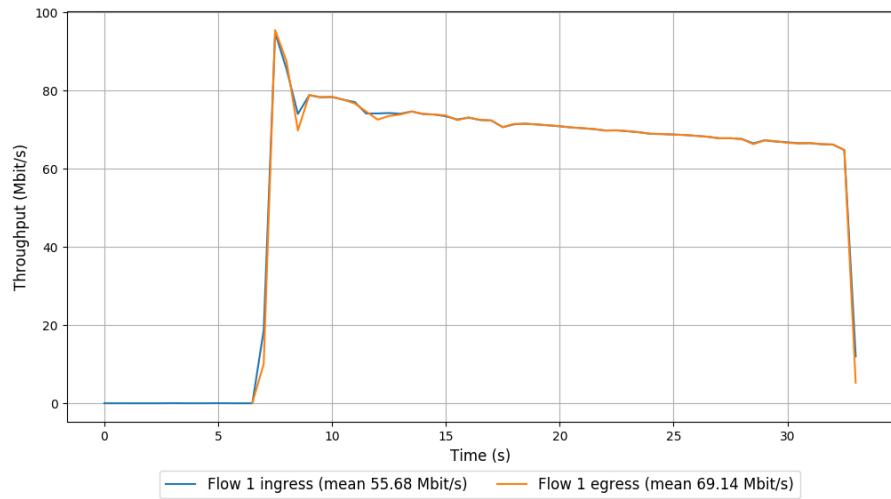


Run 1: Statistics of Copa

```
Start at: Thu, 29 Jun 2017 22:27:05 +0000
End at: Thu, 29 Jun 2017 22:27:35 +0000
Local clock offset: -0.036 ms
Remote clock offset: -4.553 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:14:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 69.14 Mbit/s
95th percentile per-packet one-way delay: 37.010 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 69.14 Mbit/s
95th percentile per-packet one-way delay: 37.010 ms
Loss rate: 0.51%
```

## Run 1: Report of Copa — Data Link

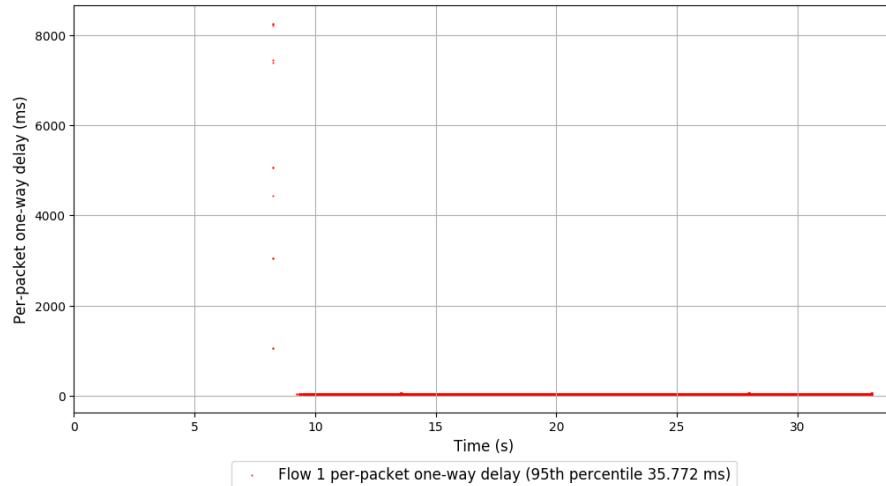
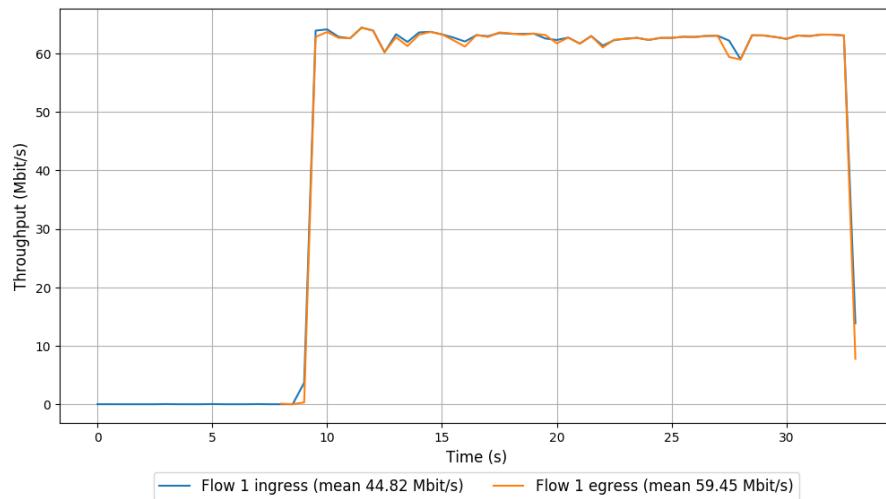


Run 2: Statistics of Copa

```
Start at: Thu, 29 Jun 2017 22:46:47 +0000
End at: Thu, 29 Jun 2017 22:47:17 +0000
Local clock offset: -0.057 ms
Remote clock offset: -4.759 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:14:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 59.45 Mbit/s
95th percentile per-packet one-way delay: 35.772 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 59.45 Mbit/s
95th percentile per-packet one-way delay: 35.772 ms
Loss rate: 0.58%
```

## Run 2: Report of Copa — Data Link

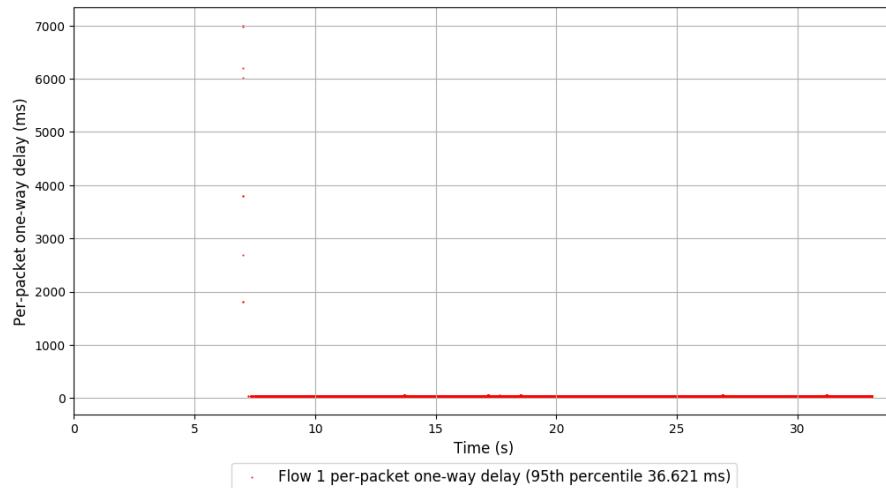
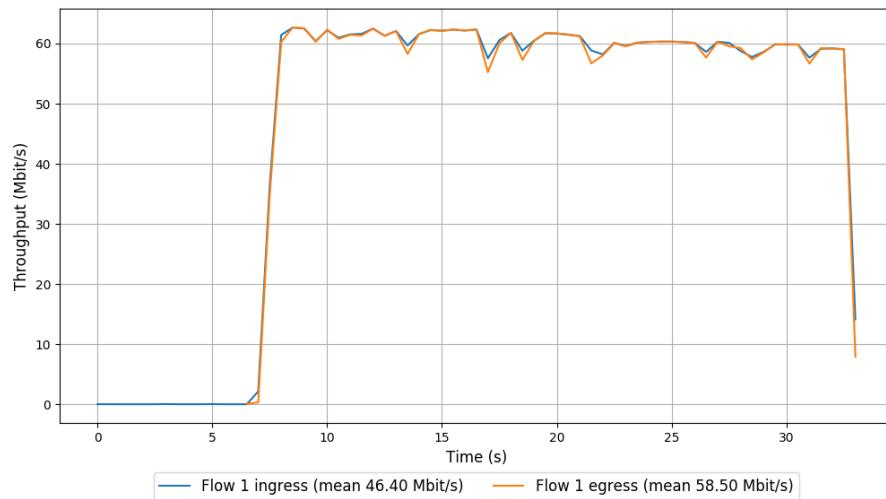


Run 3: Statistics of Copa

```
Start at: Thu, 29 Jun 2017 23:06:32 +0000
End at: Thu, 29 Jun 2017 23:07:02 +0000
Local clock offset: -0.057 ms
Remote clock offset: -3.111 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:14:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 58.50 Mbit/s
95th percentile per-packet one-way delay: 36.621 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 58.50 Mbit/s
95th percentile per-packet one-way delay: 36.621 ms
Loss rate: 0.72%
```

### Run 3: Report of Copa — Data Link

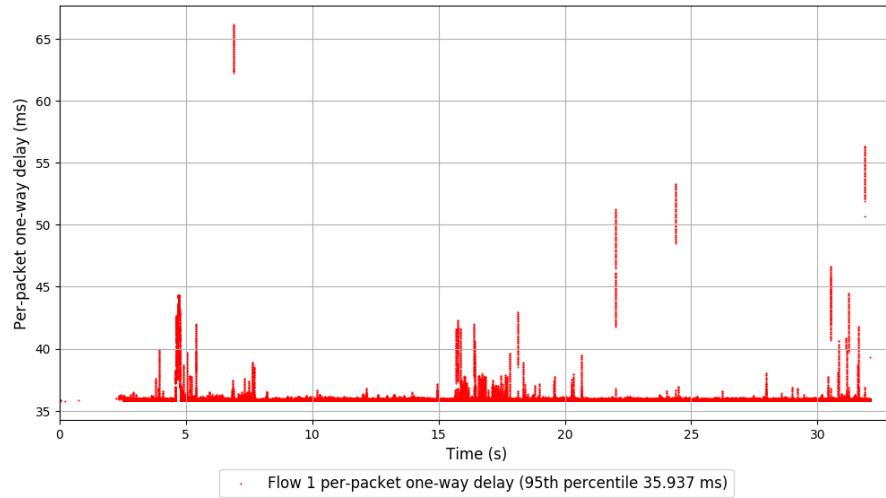
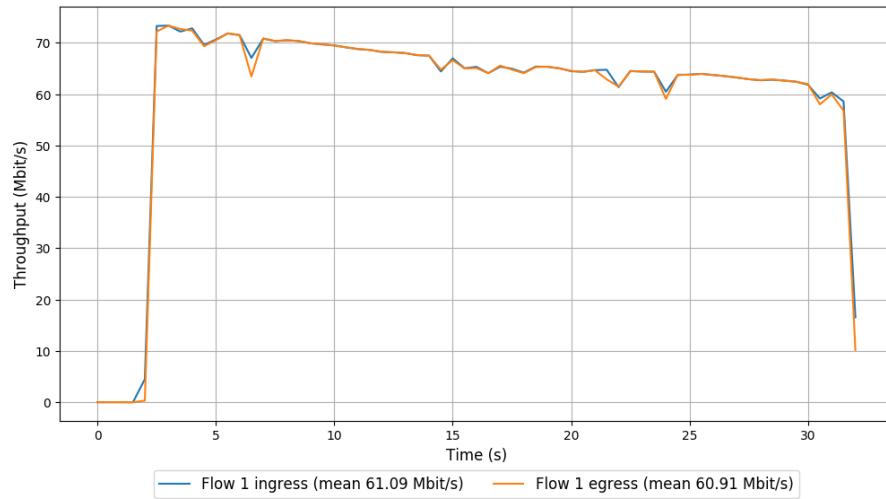


Run 4: Statistics of Copa

```
Start at: Thu, 29 Jun 2017 23:26:18 +0000
End at: Thu, 29 Jun 2017 23:26:48 +0000
Local clock offset: -0.003 ms
Remote clock offset: -2.632 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:14:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 60.91 Mbit/s
95th percentile per-packet one-way delay: 35.937 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 60.91 Mbit/s
95th percentile per-packet one-way delay: 35.937 ms
Loss rate: 0.56%
```

## Run 4: Report of Copa — Data Link

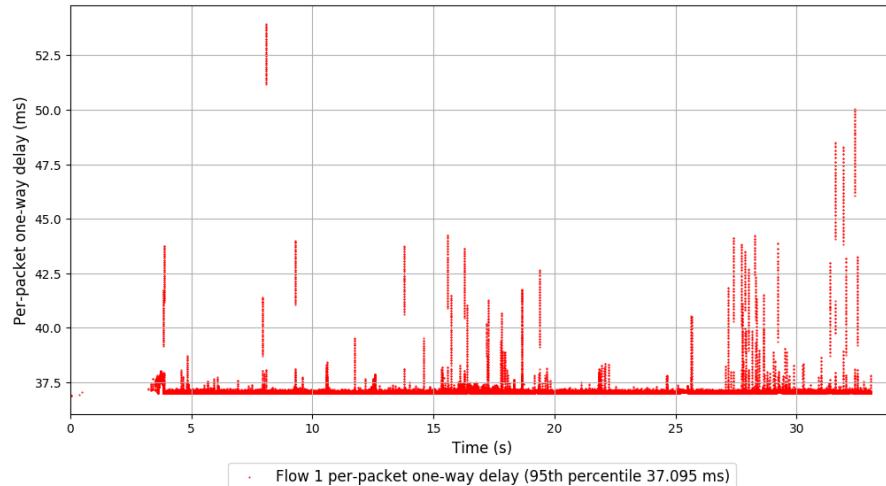
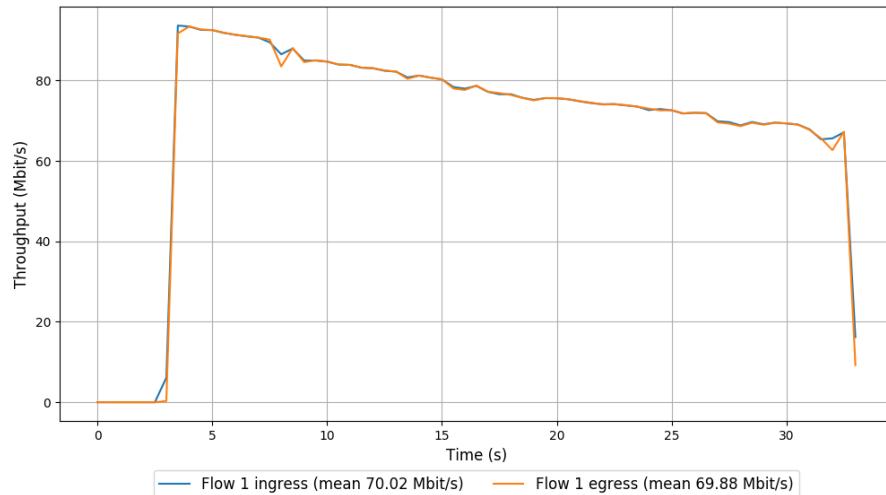


Run 5: Statistics of Copa

```
Start at: Thu, 29 Jun 2017 23:46:08 +0000
End at: Thu, 29 Jun 2017 23:46:38 +0000
Local clock offset: -0.107 ms
Remote clock offset: -4.461 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:14:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 69.88 Mbit/s
95th percentile per-packet one-way delay: 37.095 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 69.88 Mbit/s
95th percentile per-packet one-way delay: 37.095 ms
Loss rate: 0.45%
```

## Run 5: Report of Copa — Data Link

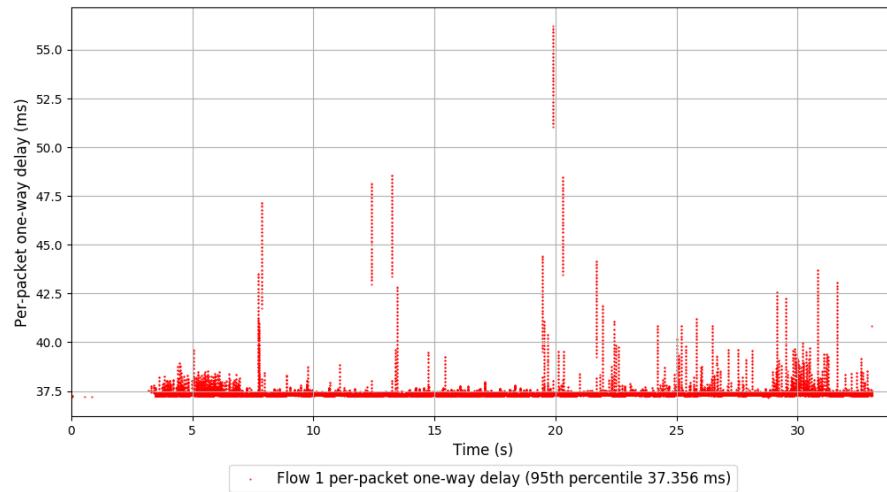
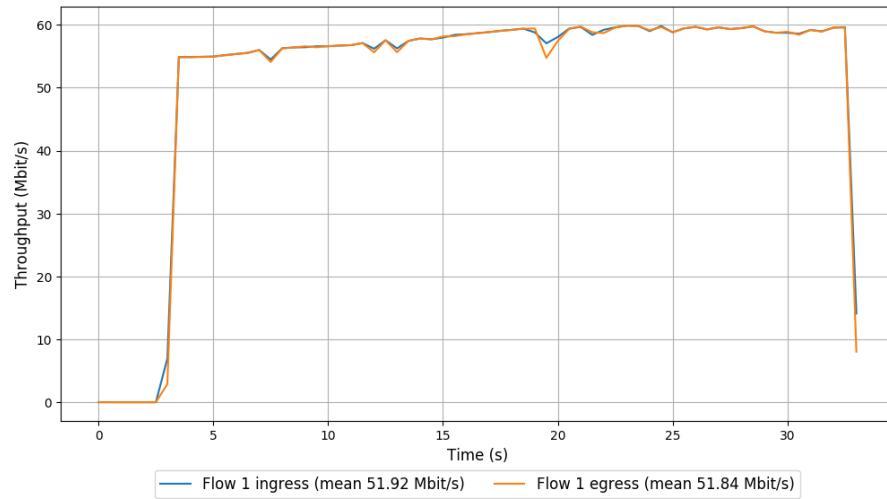


Run 6: Statistics of Copa

```
Start at: Fri, 30 Jun 2017 00:05:59 +0000
End at: Fri, 30 Jun 2017 00:06:29 +0000
Local clock offset: -0.209 ms
Remote clock offset: -4.261 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:14:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 51.84 Mbit/s
95th percentile per-packet one-way delay: 37.356 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 51.84 Mbit/s
95th percentile per-packet one-way delay: 37.356 ms
Loss rate: 0.42%
```

## Run 6: Report of Copa — Data Link

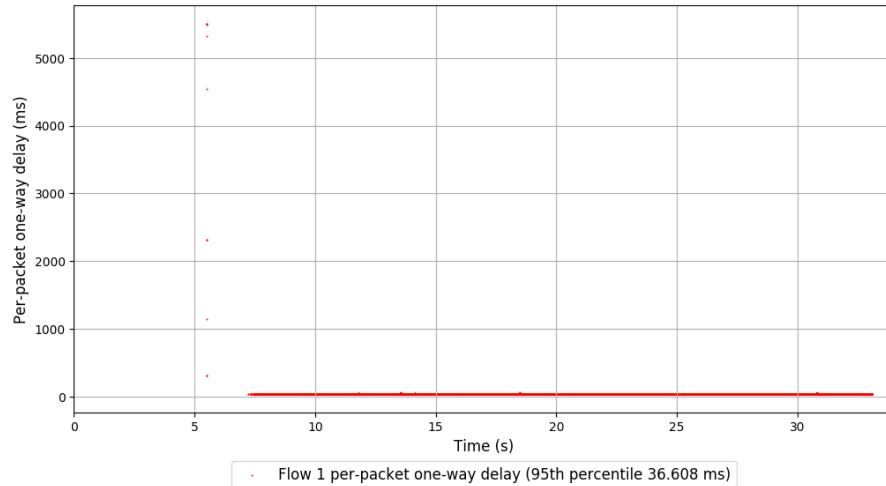
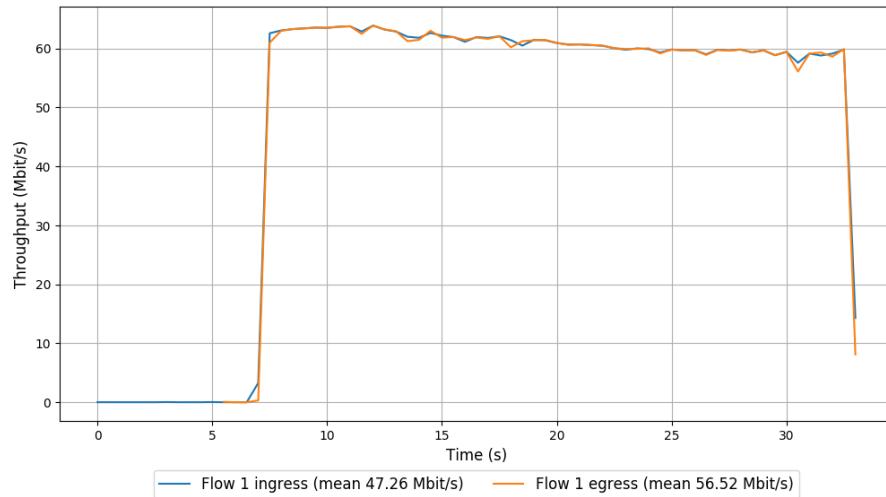


Run 7: Statistics of Copa

```
Start at: Fri, 30 Jun 2017 00:25:44 +0000
End at: Fri, 30 Jun 2017 00:26:14 +0000
Local clock offset: -0.213 ms
Remote clock offset: -4.521 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:14:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 56.52 Mbit/s
95th percentile per-packet one-way delay: 36.608 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 56.52 Mbit/s
95th percentile per-packet one-way delay: 36.608 ms
Loss rate: 0.45%
```

## Run 7: Report of Copa — Data Link

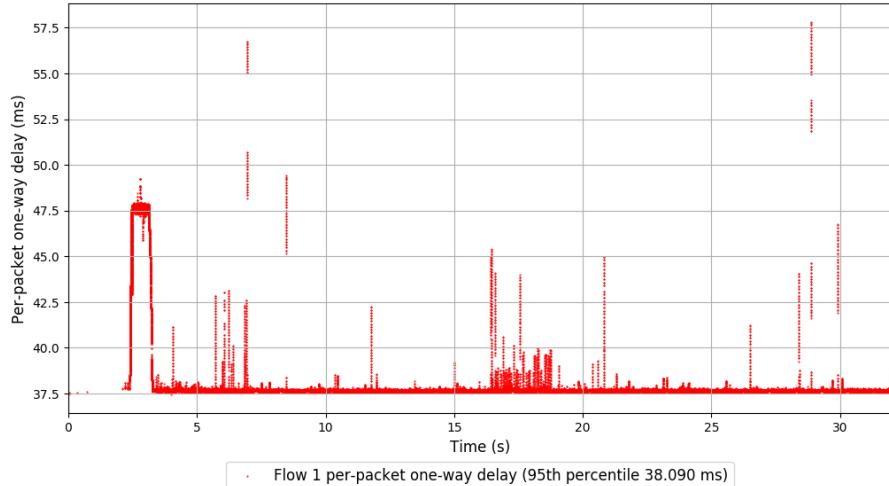
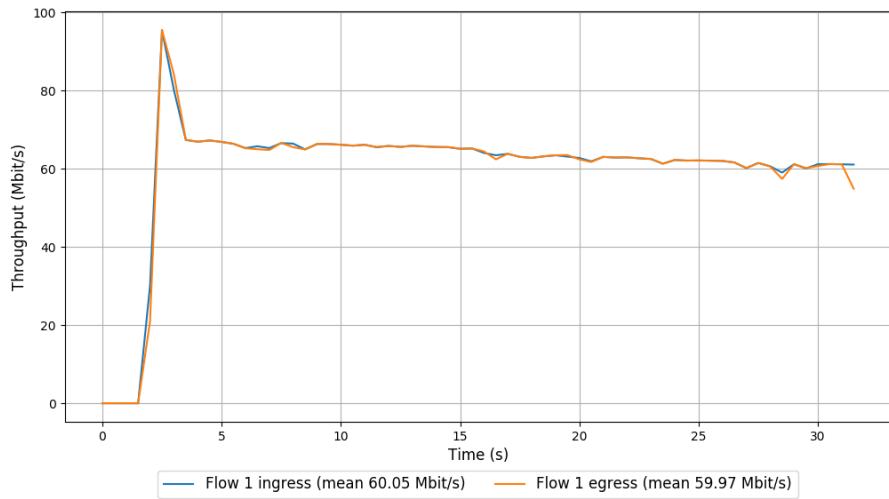


Run 8: Statistics of Copa

```
Start at: Fri, 30 Jun 2017 00:45:25 +0000
End at: Fri, 30 Jun 2017 00:45:55 +0000
Local clock offset: -0.44 ms
Remote clock offset: -4.297 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:14:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 59.97 Mbit/s
95th percentile per-packet one-way delay: 38.090 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 59.97 Mbit/s
95th percentile per-packet one-way delay: 38.090 ms
Loss rate: 0.41%
```

## Run 8: Report of Copa — Data Link

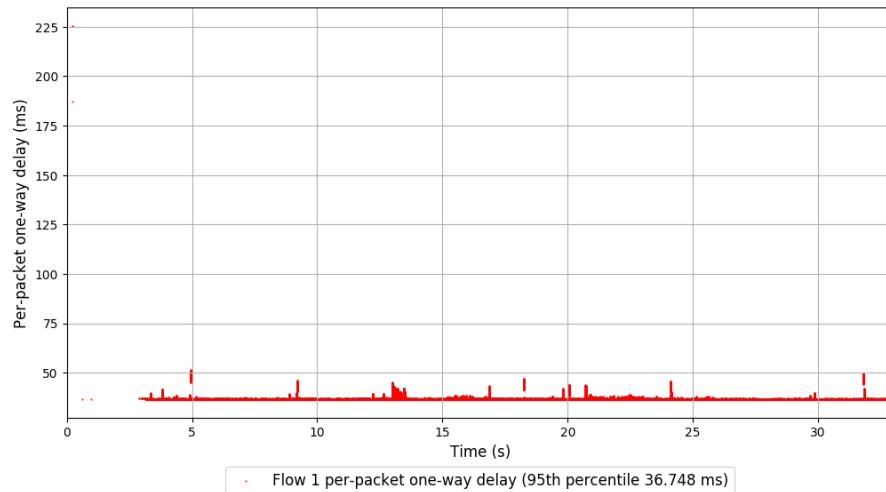
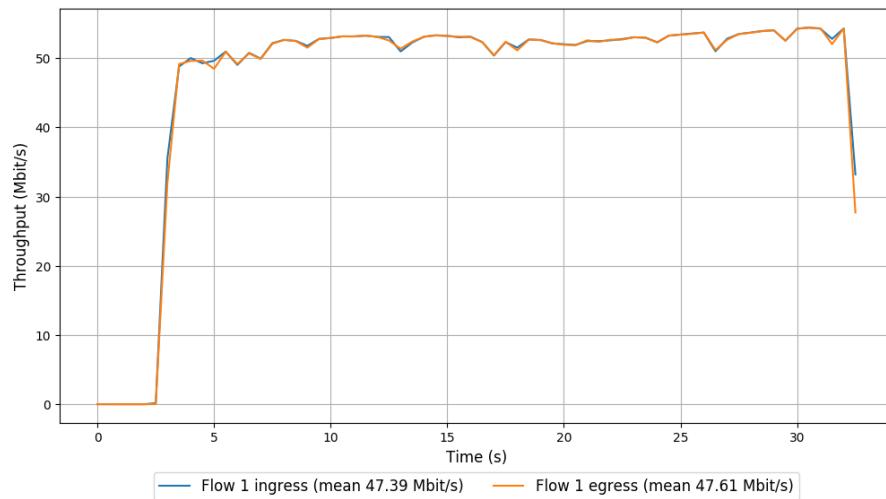


Run 9: Statistics of Copa

```
Start at: Fri, 30 Jun 2017 01:05:13 +0000
End at: Fri, 30 Jun 2017 01:05:43 +0000
Local clock offset: -0.33 ms
Remote clock offset: -2.311 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:14:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 47.61 Mbit/s
95th percentile per-packet one-way delay: 36.748 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 47.61 Mbit/s
95th percentile per-packet one-way delay: 36.748 ms
Loss rate: 0.38%
```

## Run 9: Report of Copa — Data Link

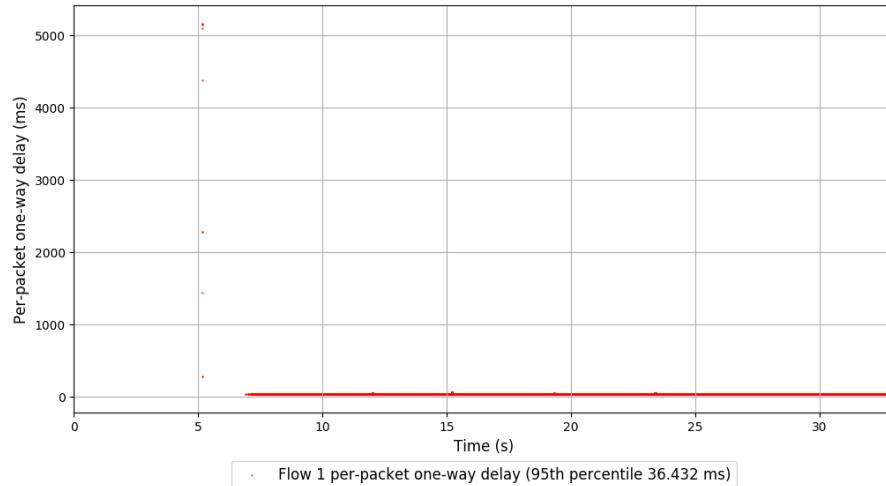
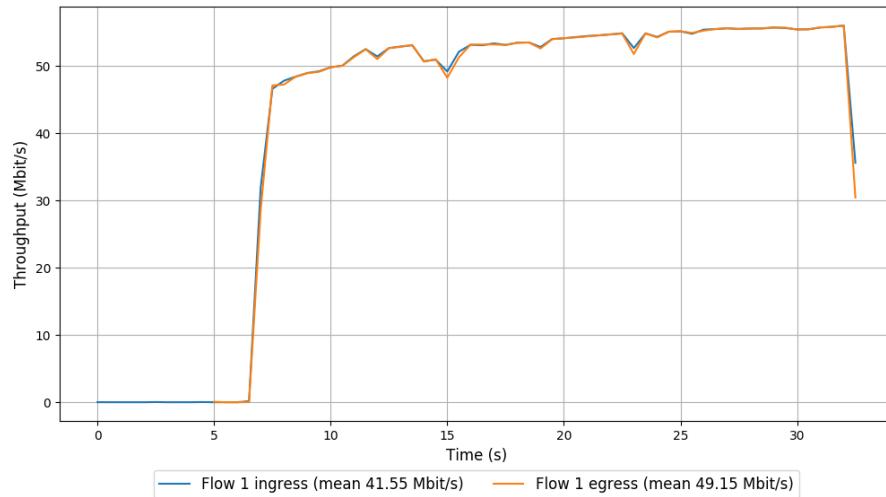


Run 10: Statistics of Copa

```
Start at: Fri, 30 Jun 2017 01:24:56 +0000
End at: Fri, 30 Jun 2017 01:25:26 +0000
Local clock offset: 0.014 ms
Remote clock offset: -4.098 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:15:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 49.15 Mbit/s
95th percentile per-packet one-way delay: 36.432 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 49.15 Mbit/s
95th percentile per-packet one-way delay: 36.432 ms
Loss rate: 0.46%
```

## Run 10: Report of Copa — Data Link



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

```
Start at: Thu, 29 Jun 2017 22:19:10 +0000
```

```
End at: Thu, 29 Jun 2017 22:19:40 +0000
```

```
Local clock offset: -0.012 ms
```

```
Remote clock offset: -2.168 ms
```

```
# Below is generated by plot.py at Fri, 30 Jun 2017 02:15:01 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 50.87 Mbit/s
```

```
95th percentile per-packet one-way delay: 48.956 ms
```

```
Loss rate: 0.45%
```

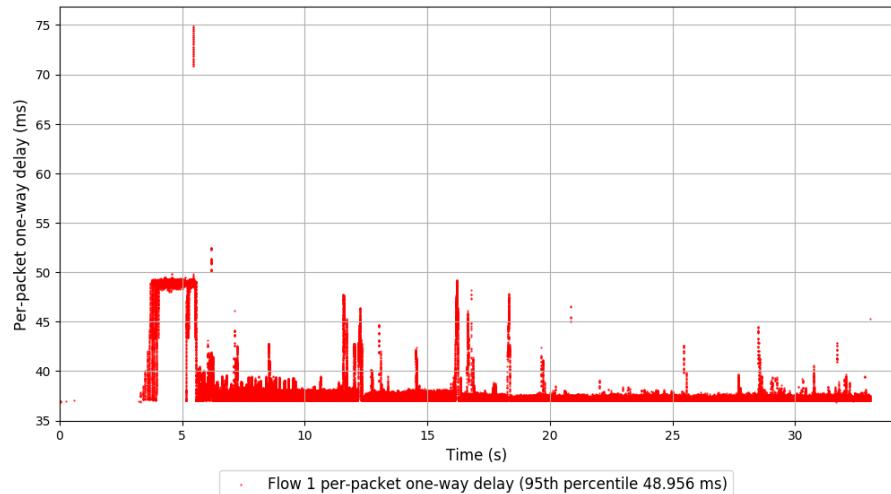
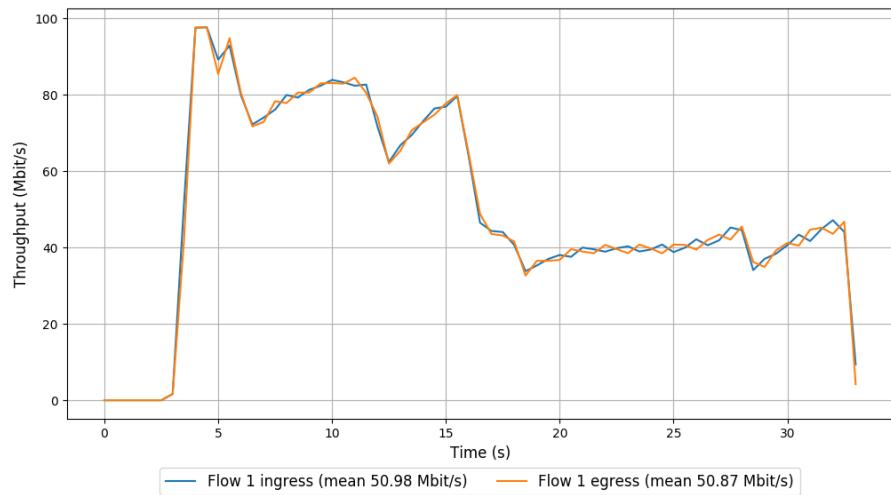
```
-- Flow 1:
```

```
Average throughput: 50.87 Mbit/s
```

```
95th percentile per-packet one-way delay: 48.956 ms
```

```
Loss rate: 0.45%
```

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

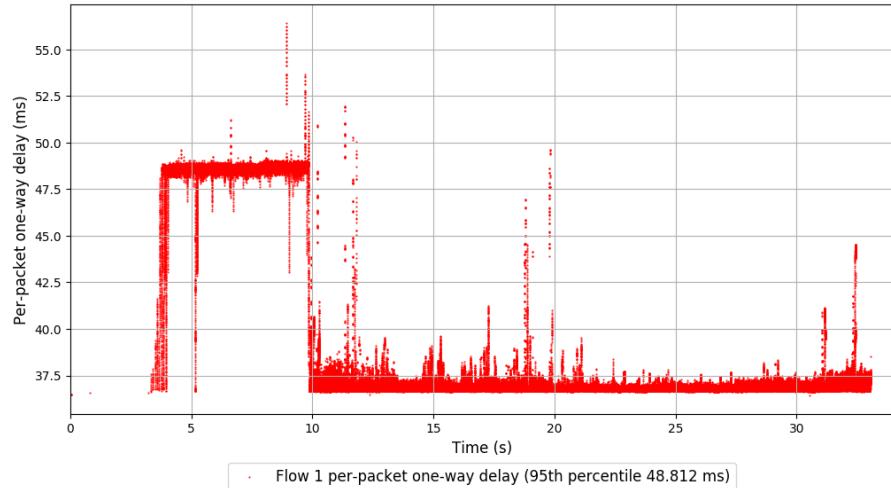
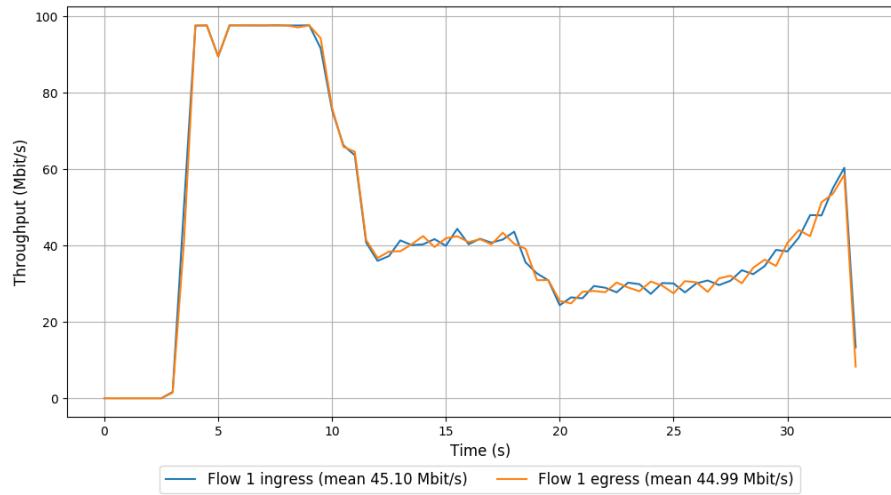


Run 2: Statistics of TCP Cubic

```
Start at: Thu, 29 Jun 2017 22:38:53 +0000
End at: Thu, 29 Jun 2017 22:39:23 +0000
Local clock offset: 0.057 ms
Remote clock offset: -4.834 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:15:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 44.99 Mbit/s
95th percentile per-packet one-way delay: 48.812 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 44.99 Mbit/s
95th percentile per-packet one-way delay: 48.812 ms
Loss rate: 0.49%
```

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

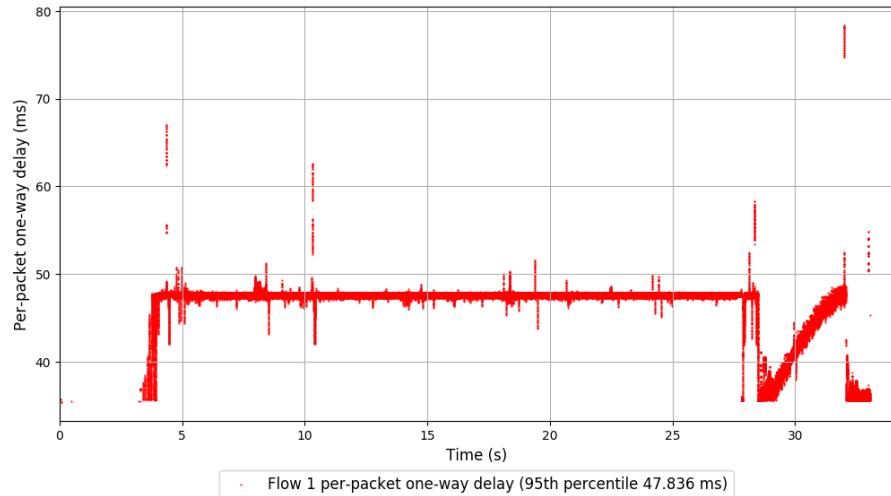
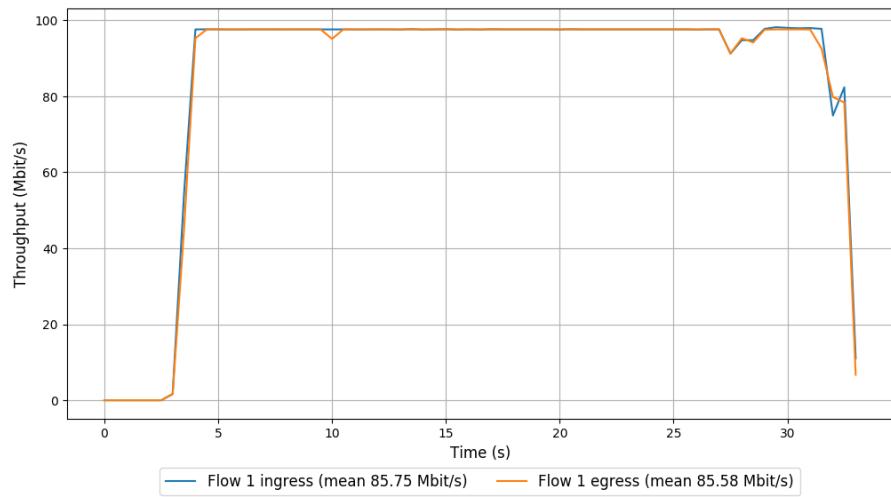


Run 3: Statistics of TCP Cubic

```
Start at: Thu, 29 Jun 2017 22:58:34 +0000
End at: Thu, 29 Jun 2017 22:59:04 +0000
Local clock offset: 0.054 ms
Remote clock offset: -2.366 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:15:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.58 Mbit/s
95th percentile per-packet one-way delay: 47.836 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 85.58 Mbit/s
95th percentile per-packet one-way delay: 47.836 ms
Loss rate: 0.44%
```

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

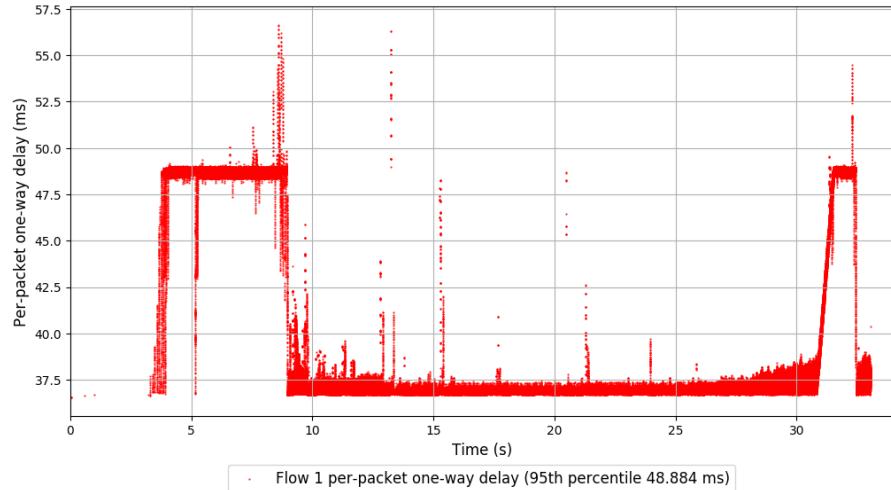
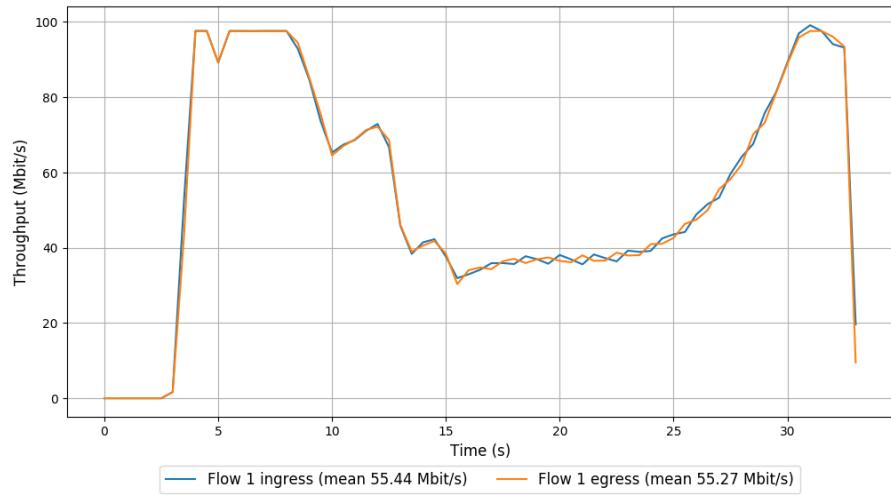


Run 4: Statistics of TCP Cubic

```
Start at: Thu, 29 Jun 2017 23:18:22 +0000
End at: Thu, 29 Jun 2017 23:18:52 +0000
Local clock offset: 0.002 ms
Remote clock offset: -2.533 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:15:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 55.27 Mbit/s
95th percentile per-packet one-way delay: 48.884 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 55.27 Mbit/s
95th percentile per-packet one-way delay: 48.884 ms
Loss rate: 0.55%
```

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

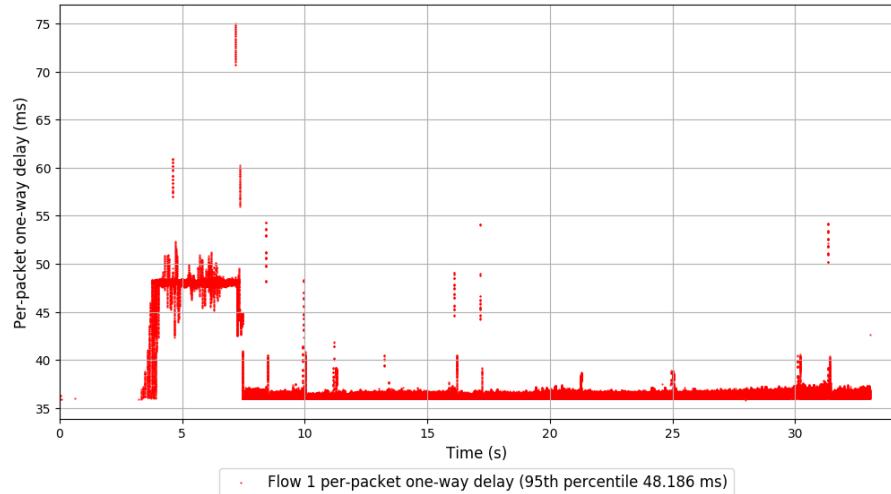
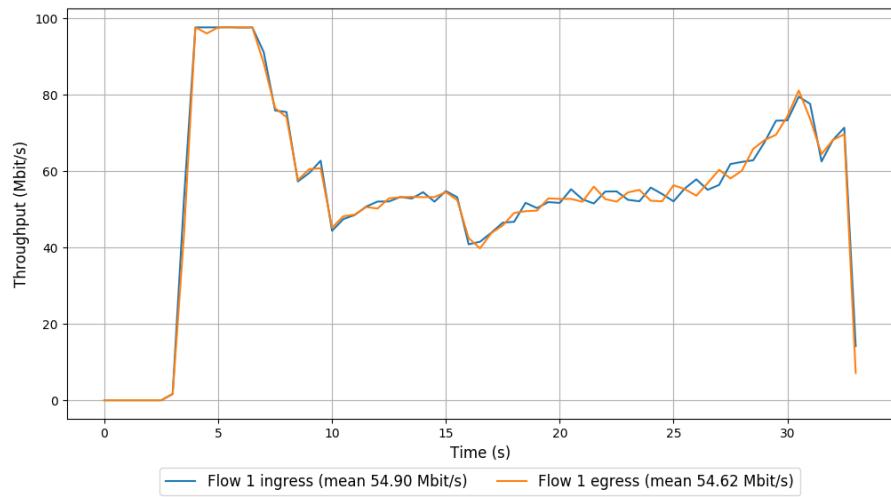


Run 5: Statistics of TCP Cubic

```
Start at: Thu, 29 Jun 2017 23:38:12 +0000
End at: Thu, 29 Jun 2017 23:38:42 +0000
Local clock offset: -0.005 ms
Remote clock offset: -2.347 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:15:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 54.62 Mbit/s
95th percentile per-packet one-way delay: 48.186 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 54.62 Mbit/s
95th percentile per-packet one-way delay: 48.186 ms
Loss rate: 0.76%
```

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

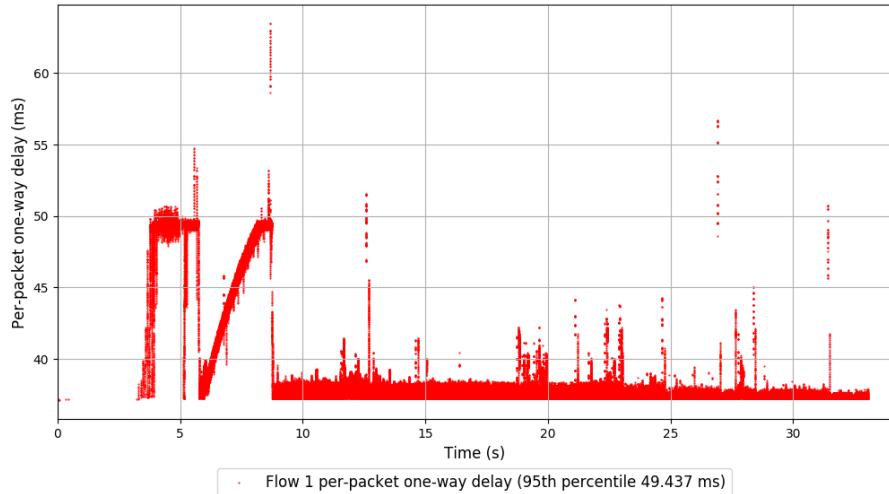
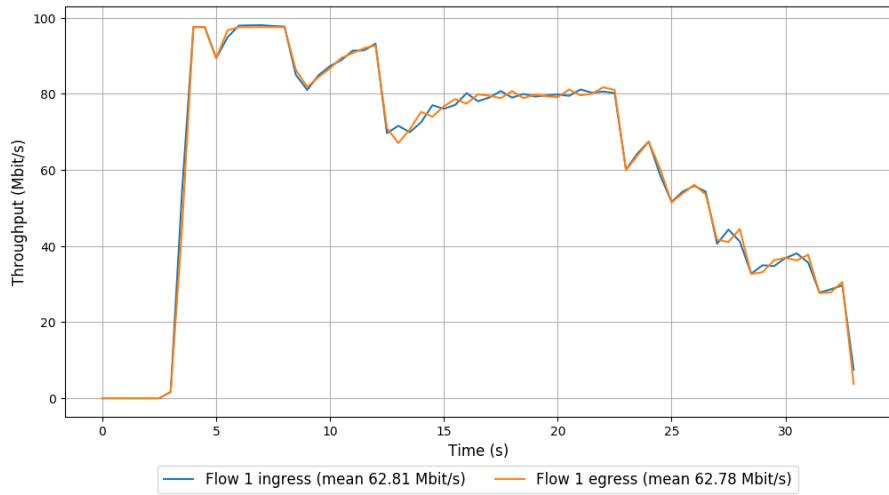


Run 6: Statistics of TCP Cubic

```
Start at: Thu, 29 Jun 2017 23:58:01 +0000
End at: Thu, 29 Jun 2017 23:58:31 +0000
Local clock offset: -0.158 ms
Remote clock offset: -2.61 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:15:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 62.78 Mbit/s
95th percentile per-packet one-way delay: 49.437 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 62.78 Mbit/s
95th percentile per-packet one-way delay: 49.437 ms
Loss rate: 0.30%
```

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

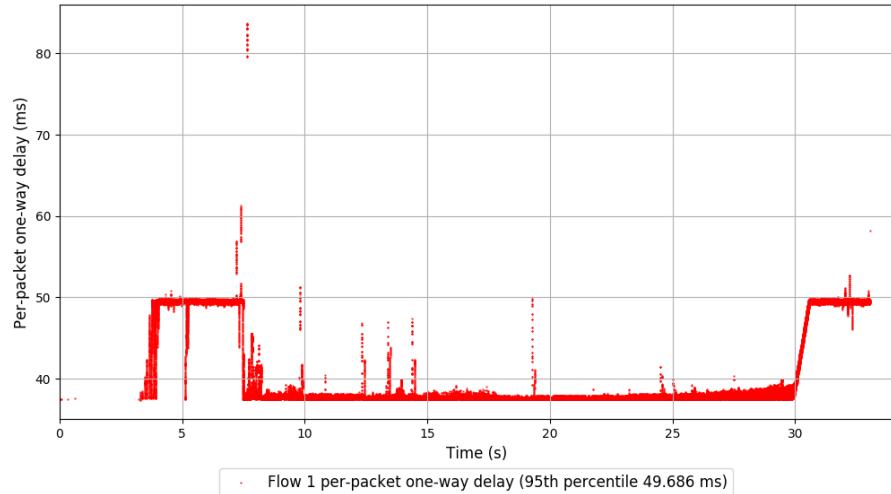
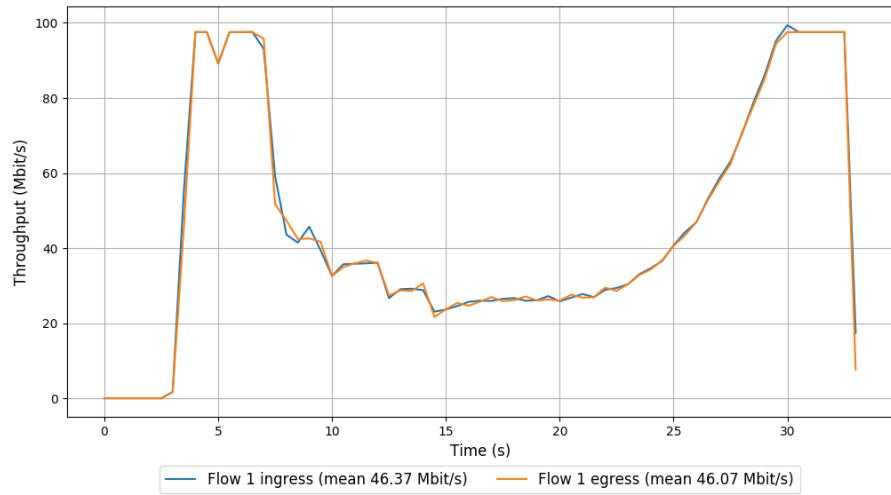


Run 7: Statistics of TCP Cubic

```
Start at: Fri, 30 Jun 2017 00:17:48 +0000
End at: Fri, 30 Jun 2017 00:18:18 +0000
Local clock offset: -0.321 ms
Remote clock offset: -4.681 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:15:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 46.07 Mbit/s
95th percentile per-packet one-way delay: 49.686 ms
Loss rate: 0.90%
-- Flow 1:
Average throughput: 46.07 Mbit/s
95th percentile per-packet one-way delay: 49.686 ms
Loss rate: 0.90%
```

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

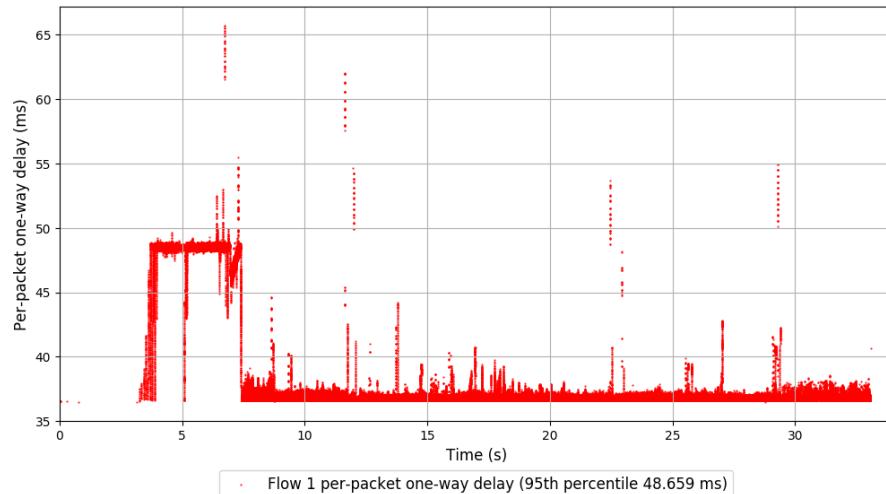
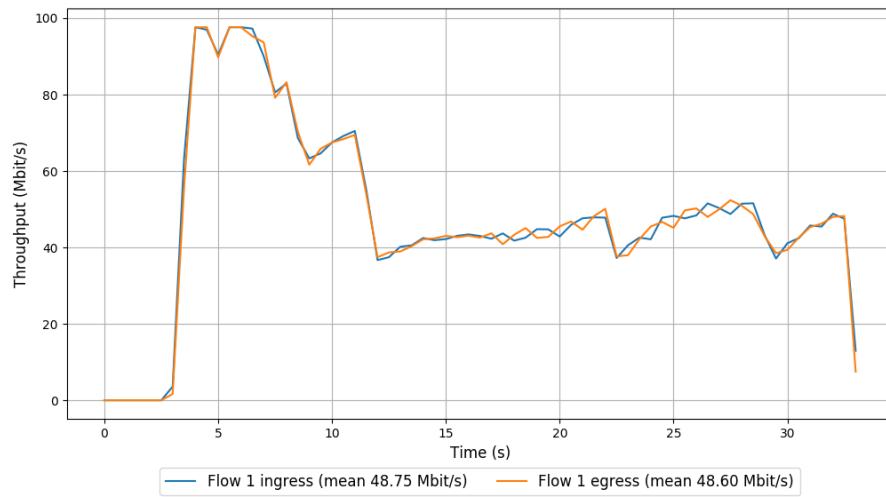


Run 8: Statistics of TCP Cubic

```
Start at: Fri, 30 Jun 2017 00:37:33 +0000
End at: Fri, 30 Jun 2017 00:38:03 +0000
Local clock offset: -0.412 ms
Remote clock offset: -1.666 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:15:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 48.60 Mbit/s
95th percentile per-packet one-way delay: 48.659 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 48.60 Mbit/s
95th percentile per-packet one-way delay: 48.659 ms
Loss rate: 0.55%
```

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

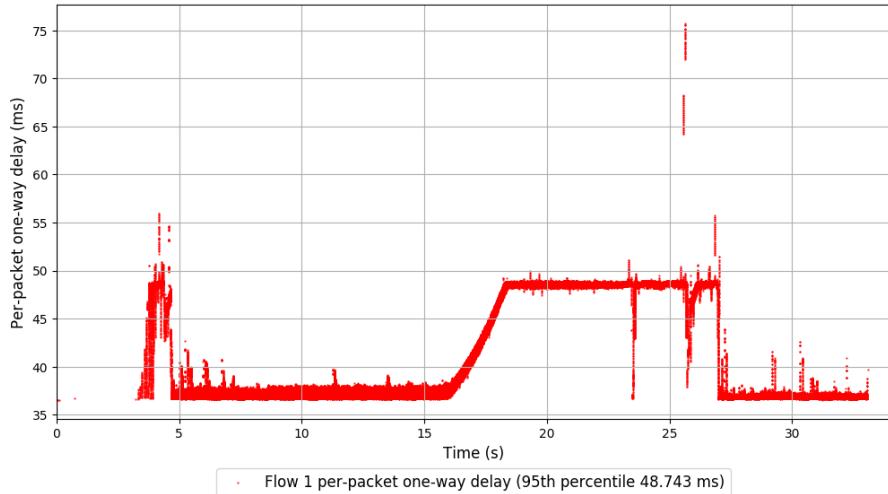
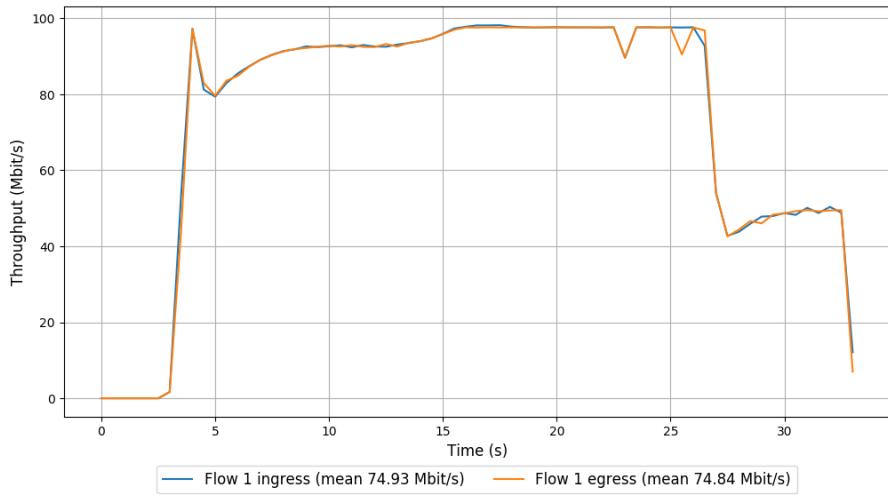


Run 9: Statistics of TCP Cubic

```
Start at: Fri, 30 Jun 2017 00:57:17 +0000
End at: Fri, 30 Jun 2017 00:57:47 +0000
Local clock offset: -0.35 ms
Remote clock offset: -1.977 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:15:38 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.84 Mbit/s
95th percentile per-packet one-way delay: 48.743 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 74.84 Mbit/s
95th percentile per-packet one-way delay: 48.743 ms
Loss rate: 0.37%
```

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

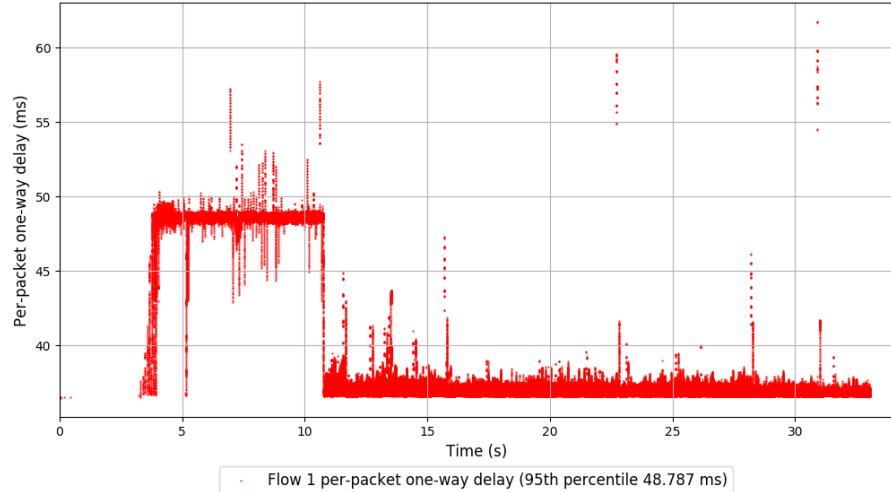
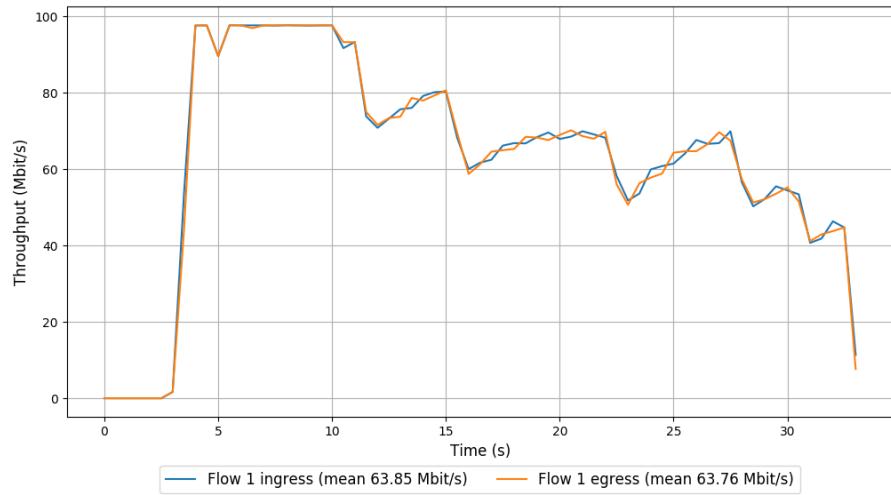


Run 10: Statistics of TCP Cubic

```
Start at: Fri, 30 Jun 2017 01:17:01 +0000
End at: Fri, 30 Jun 2017 01:17:31 +0000
Local clock offset: -0.039 ms
Remote clock offset: -3.976 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:15:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 63.76 Mbit/s
95th percentile per-packet one-way delay: 48.787 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 63.76 Mbit/s
95th percentile per-packet one-way delay: 48.787 ms
Loss rate: 0.40%
```

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

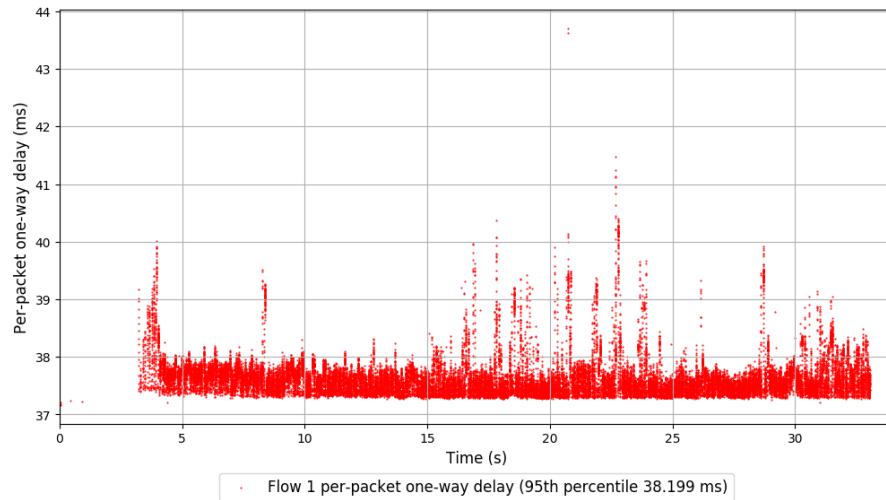
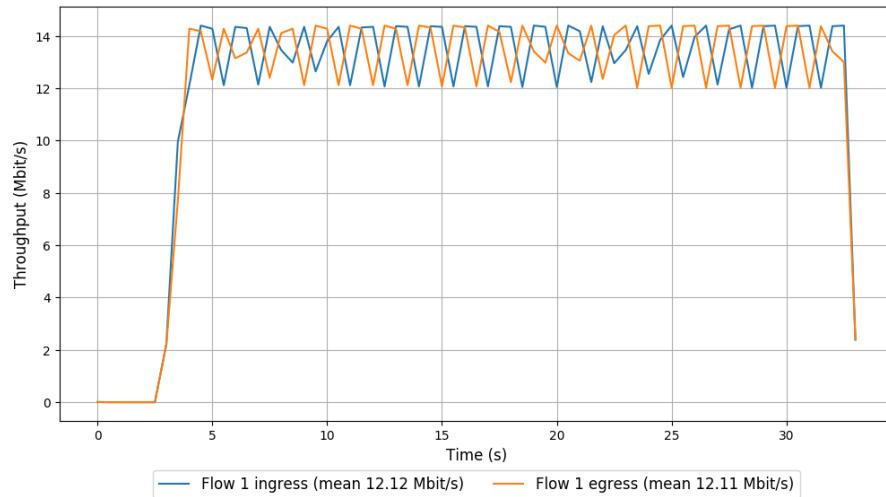


```
Run 1: Statistics of KohoCC
```

```
Start at: Thu, 29 Jun 2017 22:12:33 +0000
End at: Thu, 29 Jun 2017 22:13:03 +0000
Local clock offset: -0.012 ms
Remote clock offset: -4.061 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:15:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.11 Mbit/s
95th percentile per-packet one-way delay: 38.199 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 12.11 Mbit/s
95th percentile per-packet one-way delay: 38.199 ms
Loss rate: 0.30%
```

## Run 1: Report of KohoCC — Data Link

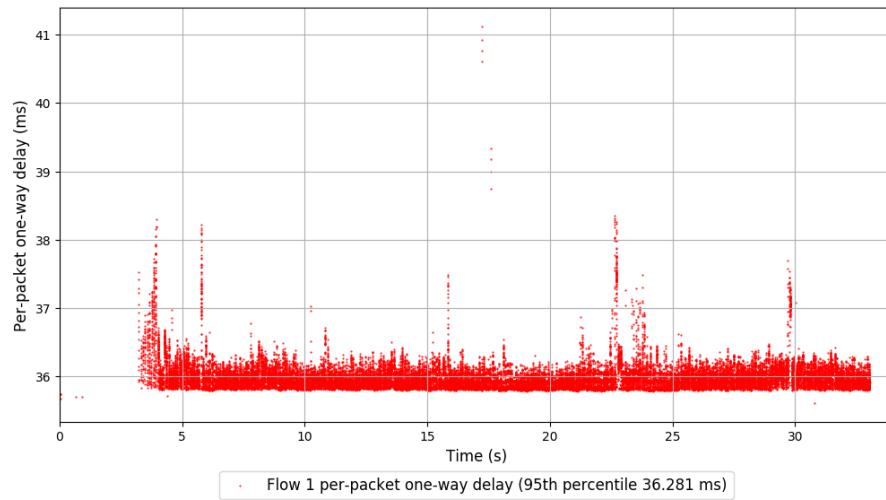
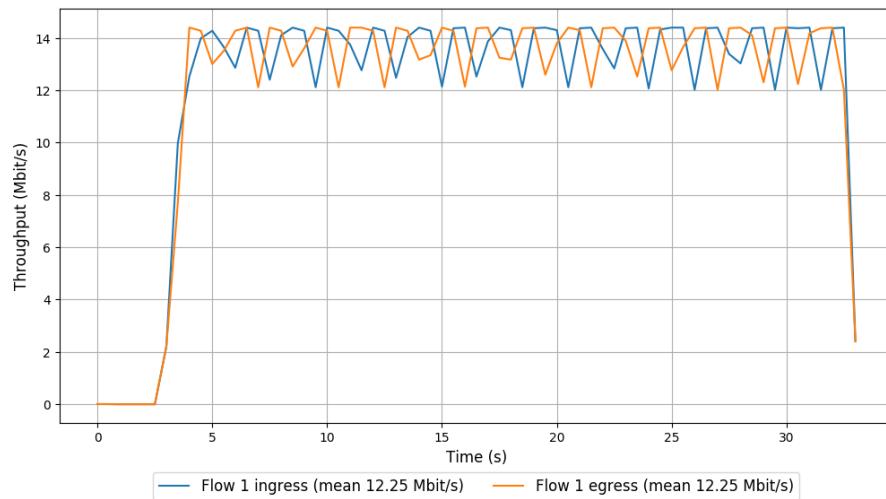


Run 2: Statistics of KohoCC

```
Start at: Thu, 29 Jun 2017 22:32:17 +0000
End at: Thu, 29 Jun 2017 22:32:47 +0000
Local clock offset: -0.031 ms
Remote clock offset: -2.176 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:15:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.25 Mbit/s
95th percentile per-packet one-way delay: 36.281 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 12.25 Mbit/s
95th percentile per-packet one-way delay: 36.281 ms
Loss rate: 0.30%
```

## Run 2: Report of KohoCC — Data Link

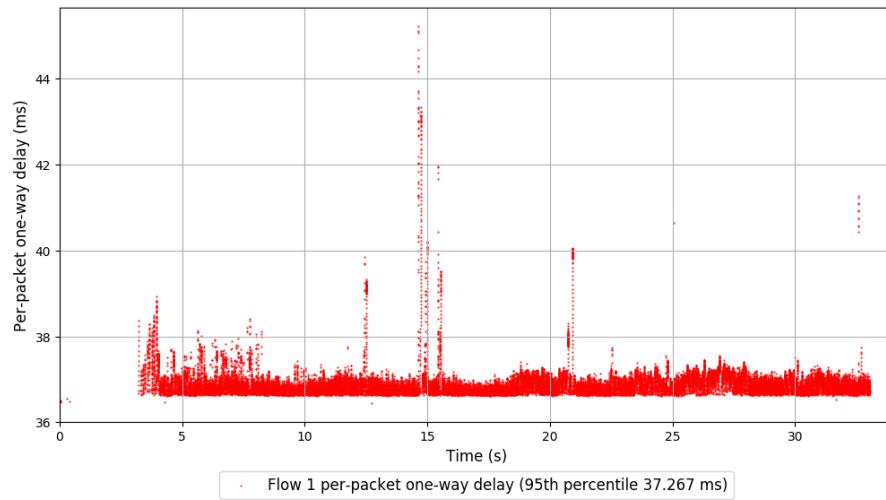
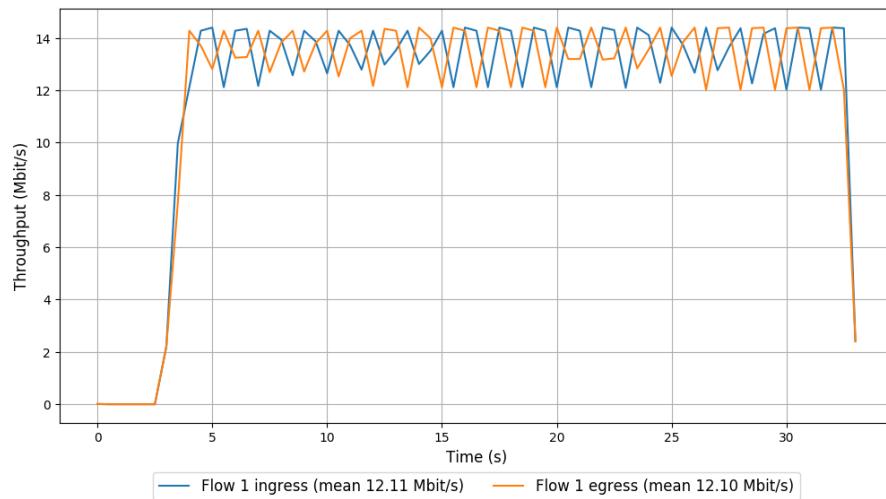


Run 3: Statistics of KohoCC

```
Start at: Thu, 29 Jun 2017 22:51:58 +0000
End at: Thu, 29 Jun 2017 22:52:28 +0000
Local clock offset: 0.048 ms
Remote clock offset: -4.765 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:15:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.10 Mbit/s
95th percentile per-packet one-way delay: 37.267 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 12.10 Mbit/s
95th percentile per-packet one-way delay: 37.267 ms
Loss rate: 0.34%
```

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

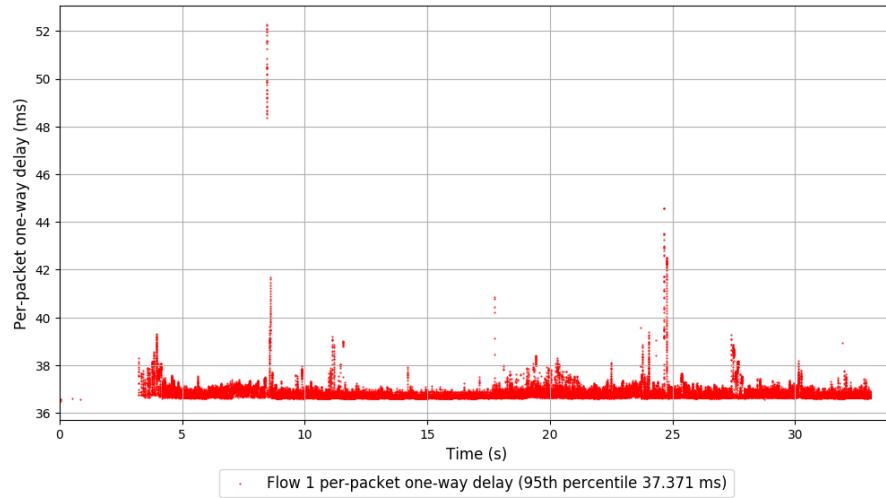
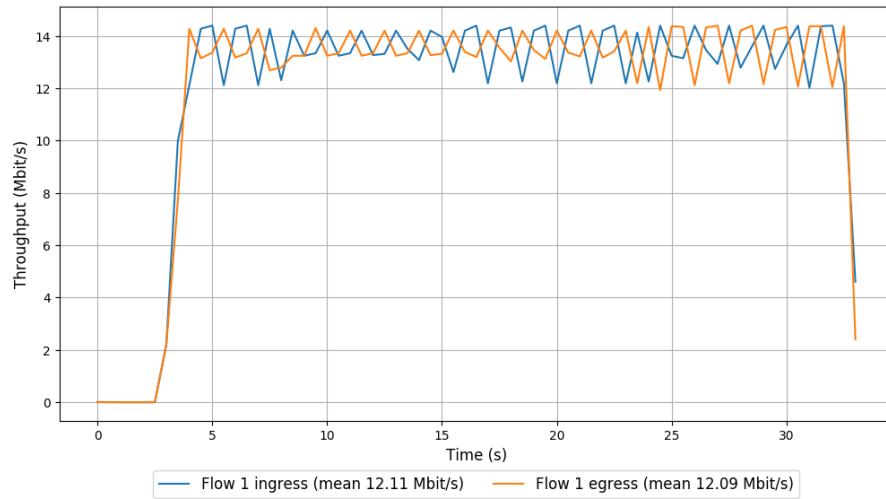


Run 4: Statistics of KohoCC

```
Start at: Thu, 29 Jun 2017 23:11:45 +0000
End at: Thu, 29 Jun 2017 23:12:15 +0000
Local clock offset: 0.036 ms
Remote clock offset: -2.749 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:15:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.09 Mbit/s
95th percentile per-packet one-way delay: 37.371 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 12.09 Mbit/s
95th percentile per-packet one-way delay: 37.371 ms
Loss rate: 0.45%
```

## Run 4: Report of KohoCC — Data Link

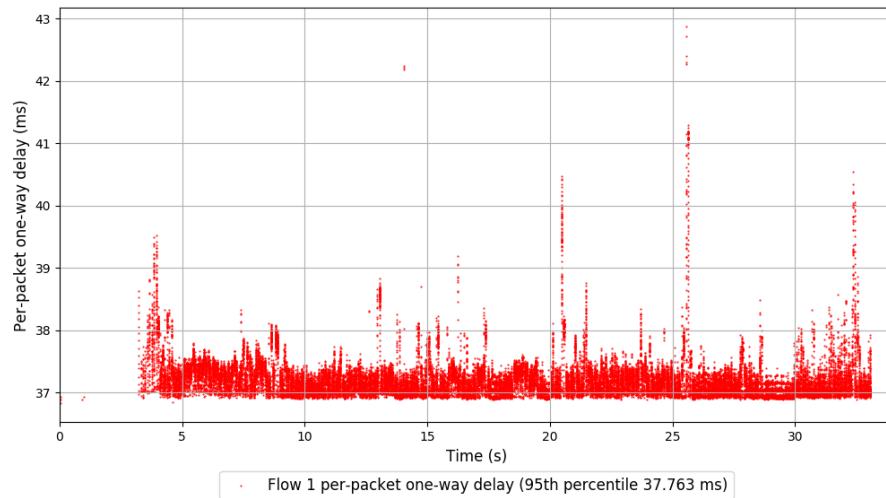
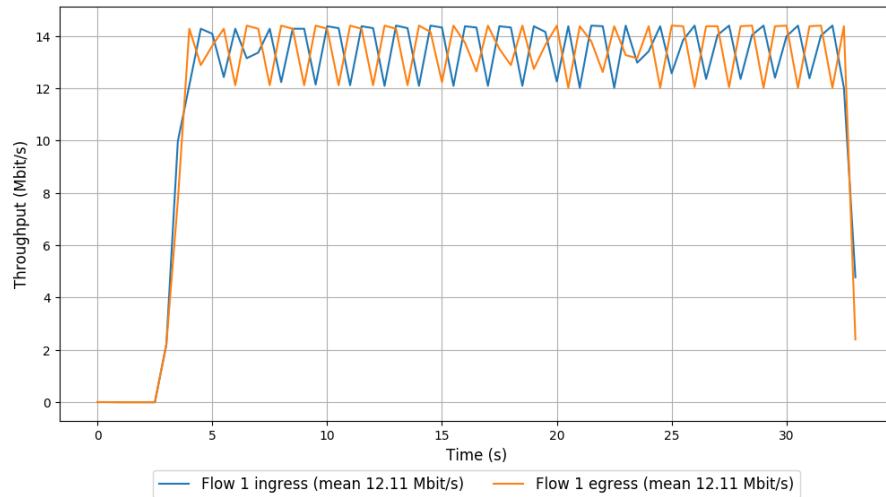


Run 5: Statistics of KohoCC

```
Start at: Thu, 29 Jun 2017 23:31:33 +0000
End at: Thu, 29 Jun 2017 23:32:03 +0000
Local clock offset: -0.007 ms
Remote clock offset: -2.586 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:15:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.11 Mbit/s
95th percentile per-packet one-way delay: 37.763 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 12.11 Mbit/s
95th percentile per-packet one-way delay: 37.763 ms
Loss rate: 0.30%
```

## Run 5: Report of KohoCC — Data Link

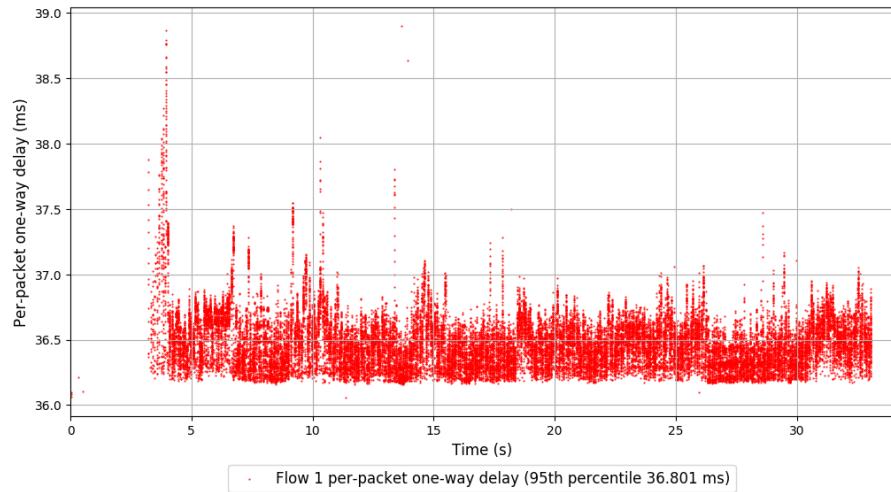
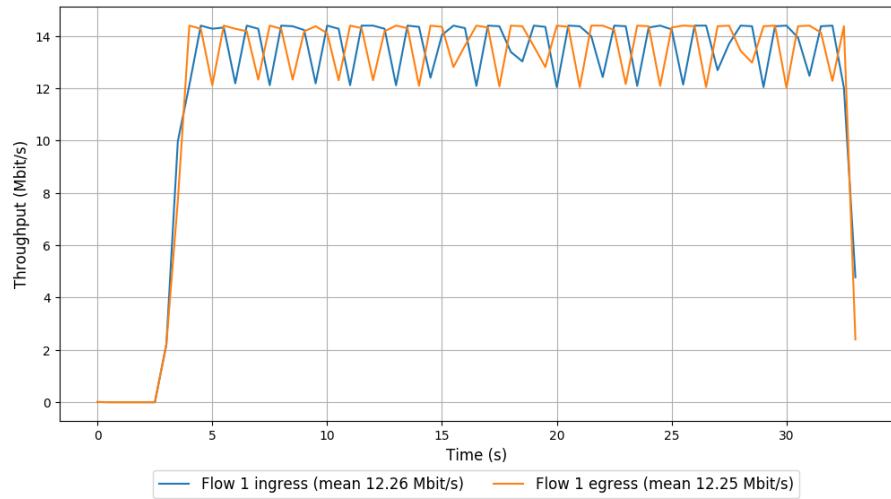


Run 6: Statistics of KohoCC

```
Start at: Thu, 29 Jun 2017 23:51:24 +0000
End at: Thu, 29 Jun 2017 23:51:54 +0000
Local clock offset: -0.116 ms
Remote clock offset: -2.279 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:15:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.25 Mbit/s
95th percentile per-packet one-way delay: 36.801 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 12.25 Mbit/s
95th percentile per-packet one-way delay: 36.801 ms
Loss rate: 0.30%
```

## Run 6: Report of KohoCC — Data Link

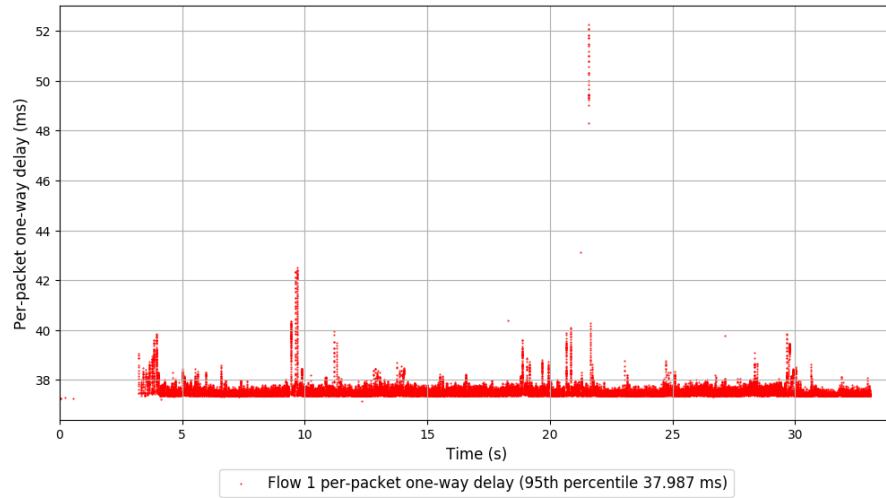
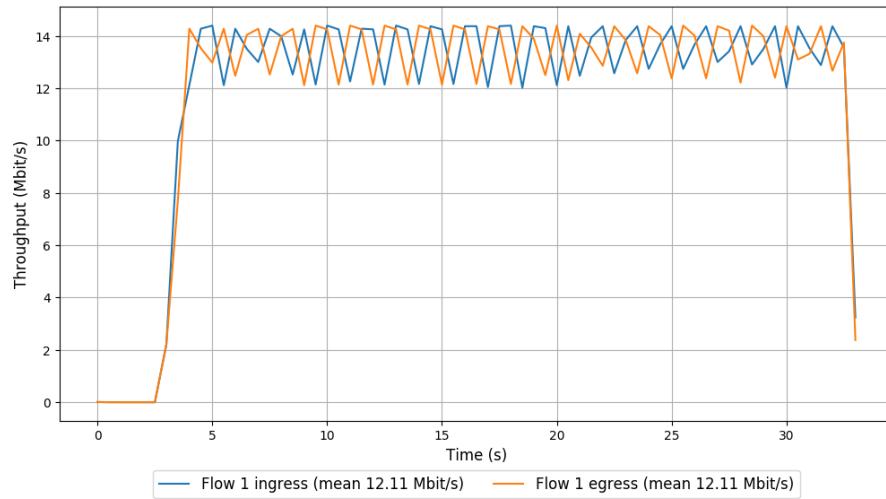


Run 7: Statistics of KohoCC

```
Start at: Fri, 30 Jun 2017 00:11:13 +0000
End at: Fri, 30 Jun 2017 00:11:44 +0000
Local clock offset: -0.181 ms
Remote clock offset: -4.311 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:15:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.11 Mbit/s
95th percentile per-packet one-way delay: 37.987 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 12.11 Mbit/s
95th percentile per-packet one-way delay: 37.987 ms
Loss rate: 0.30%
```

## Run 7: Report of KohoCC — Data Link

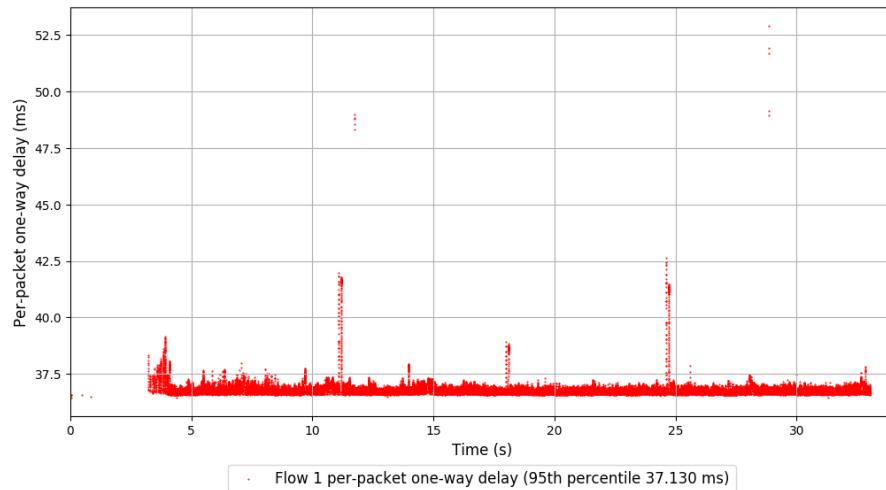
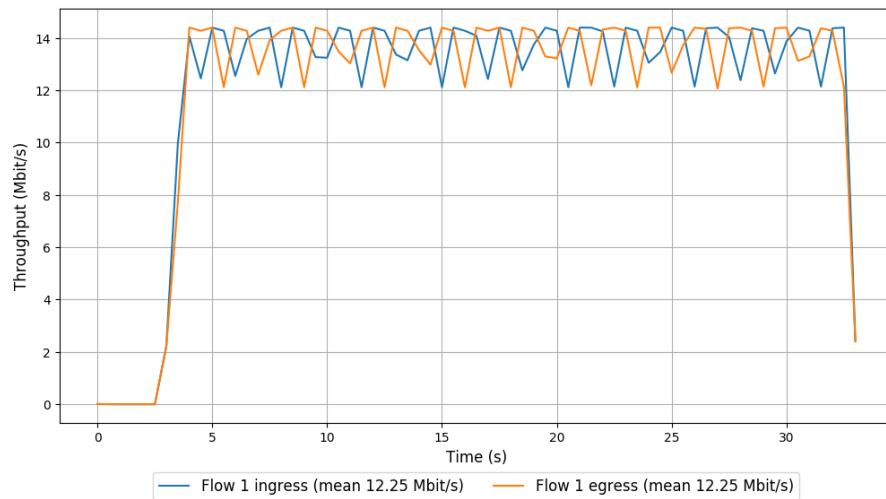


Run 8: Statistics of KohoCC

```
Start at: Fri, 30 Jun 2017 00:30:58 +0000
End at: Fri, 30 Jun 2017 00:31:28 +0000
Local clock offset: -0.267 ms
Remote clock offset: -2.557 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:15:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.25 Mbit/s
95th percentile per-packet one-way delay: 37.130 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 12.25 Mbit/s
95th percentile per-packet one-way delay: 37.130 ms
Loss rate: 0.30%
```

## Run 8: Report of KohoCC — Data Link

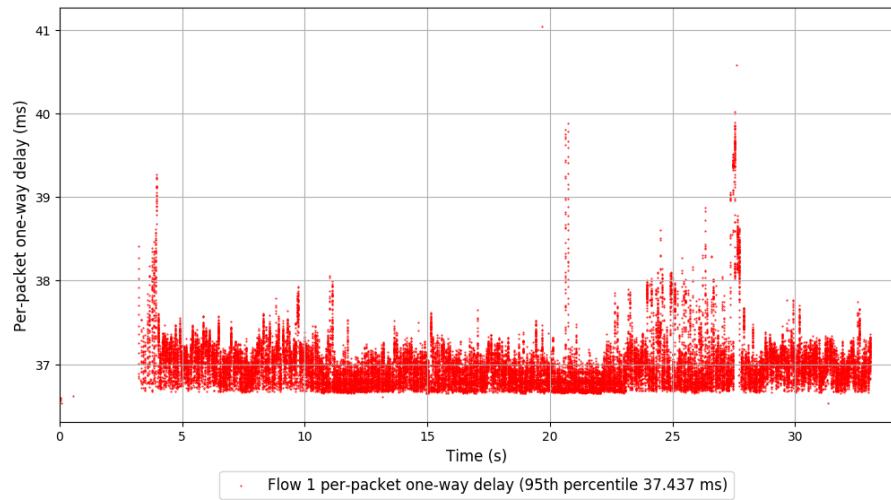
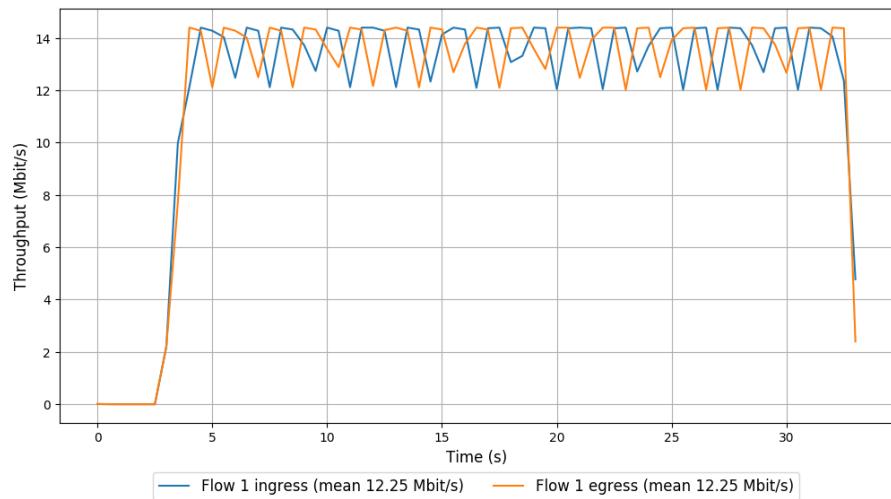


Run 9: Statistics of KohoCC

```
Start at: Fri, 30 Jun 2017 00:50:39 +0000
End at: Fri, 30 Jun 2017 00:51:09 +0000
Local clock offset: -0.383 ms
Remote clock offset: -4.15 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:15:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.25 Mbit/s
95th percentile per-packet one-way delay: 37.437 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 12.25 Mbit/s
95th percentile per-packet one-way delay: 37.437 ms
Loss rate: 0.30%
```

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

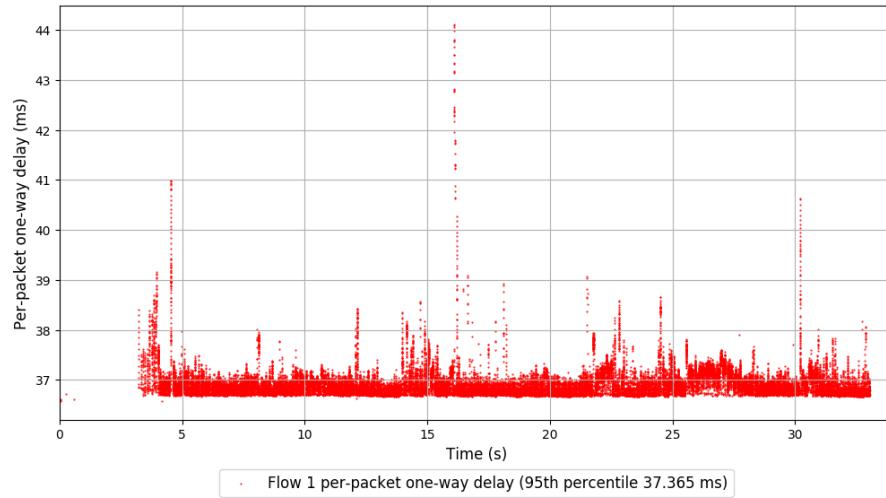
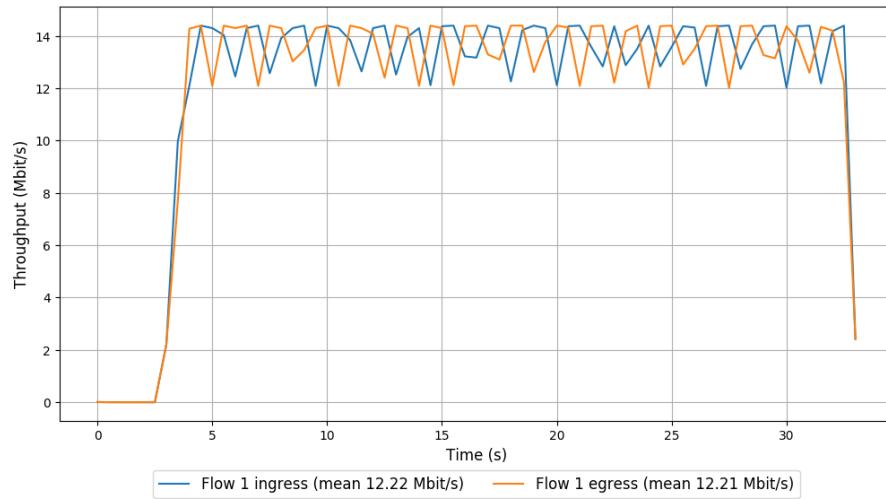


Run 10: Statistics of KohoCC

```
Start at: Fri, 30 Jun 2017 01:10:26 +0000
End at: Fri, 30 Jun 2017 01:10:56 +0000
Local clock offset: -0.229 ms
Remote clock offset: -2.248 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:15:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.21 Mbit/s
95th percentile per-packet one-way delay: 37.365 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 12.21 Mbit/s
95th percentile per-packet one-way delay: 37.365 ms
Loss rate: 0.30%
```

## Run 10: Report of KohoCC — Data Link

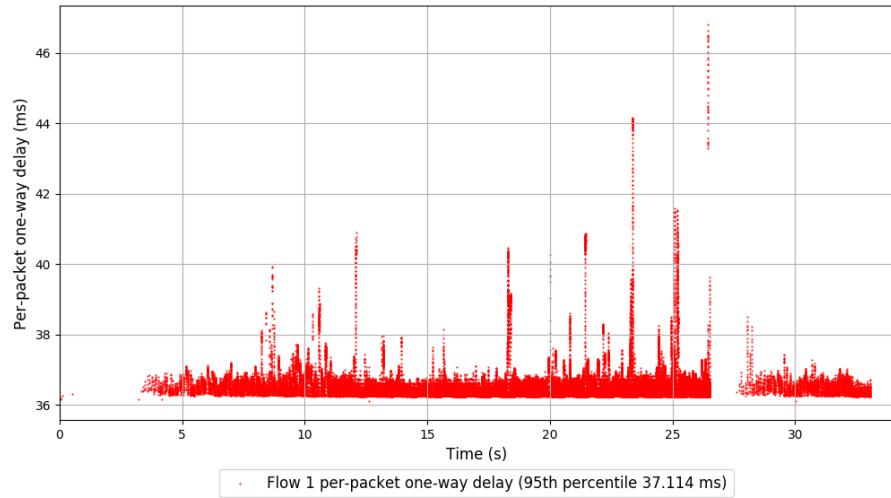
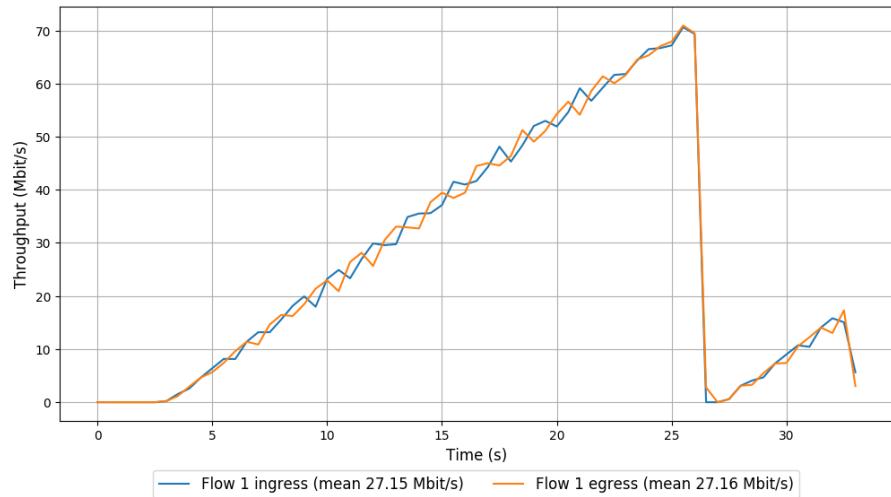


```
Run 1: Statistics of LEDBAT
```

```
Start at: Thu, 29 Jun 2017 22:15:08 +0000
End at: Thu, 29 Jun 2017 22:15:38 +0000
Local clock offset: 0.074 ms
Remote clock offset: -4.494 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:16:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 27.16 Mbit/s
95th percentile per-packet one-way delay: 37.114 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 27.16 Mbit/s
95th percentile per-packet one-way delay: 37.114 ms
Loss rate: 0.23%
```

## Run 1: Report of LEDBAT — Data Link

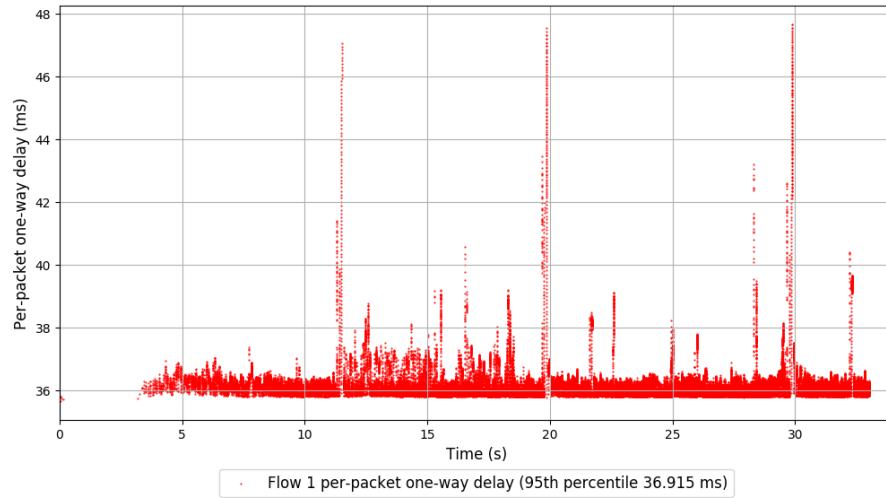
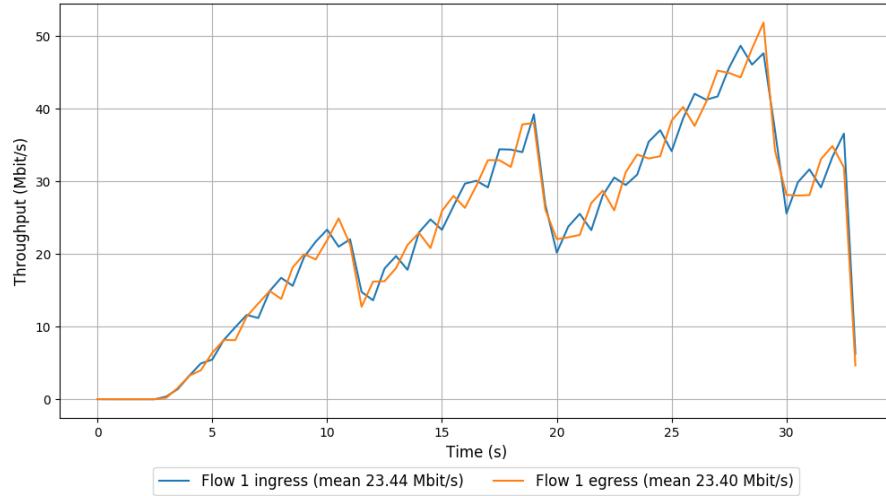


Run 2: Statistics of LEDBAT

```
Start at: Thu, 29 Jun 2017 22:34:52 +0000
End at: Thu, 29 Jun 2017 22:35:22 +0000
Local clock offset: 0.043 ms
Remote clock offset: -2.675 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:16:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 23.40 Mbit/s
95th percentile per-packet one-way delay: 36.915 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 23.40 Mbit/s
95th percentile per-packet one-way delay: 36.915 ms
Loss rate: 0.45%
```

## Run 2: Report of LEDBAT — Data Link

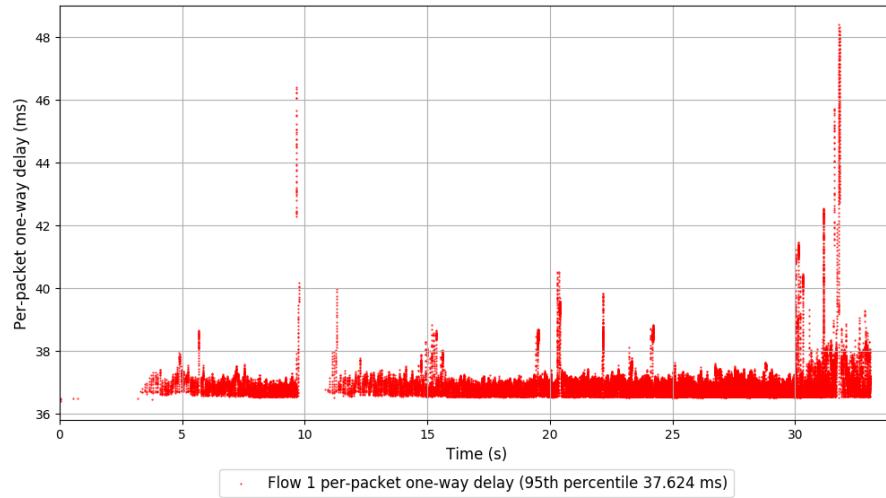
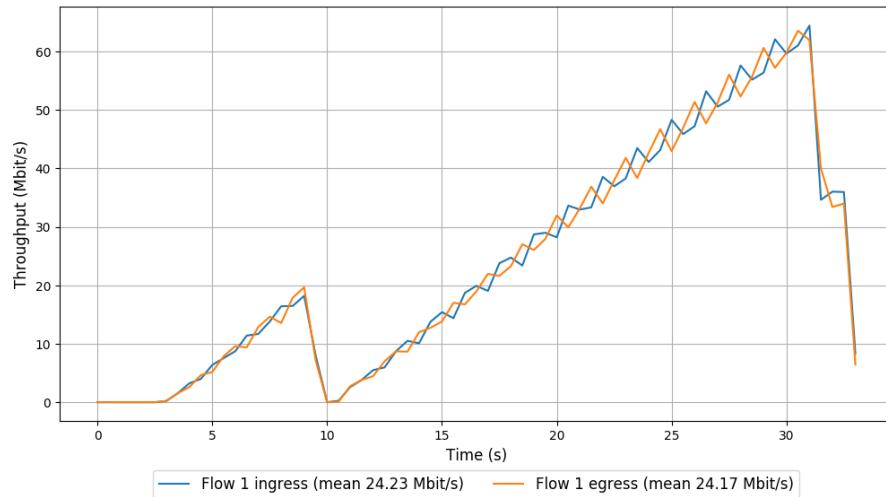


Run 3: Statistics of LEDBAT

```
Start at: Thu, 29 Jun 2017 22:54:33 +0000
End at: Thu, 29 Jun 2017 22:55:03 +0000
Local clock offset: -0.008 ms
Remote clock offset: -2.705 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:16:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.17 Mbit/s
95th percentile per-packet one-way delay: 37.624 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 24.17 Mbit/s
95th percentile per-packet one-way delay: 37.624 ms
Loss rate: 0.49%
```

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

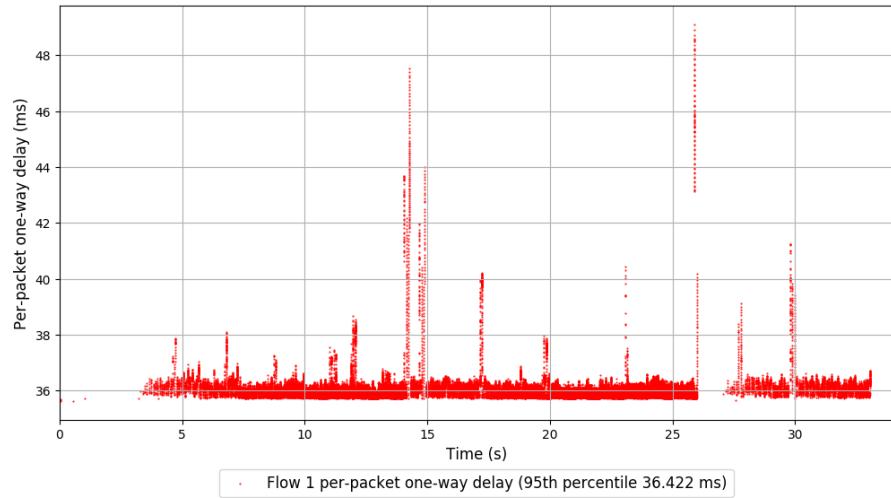
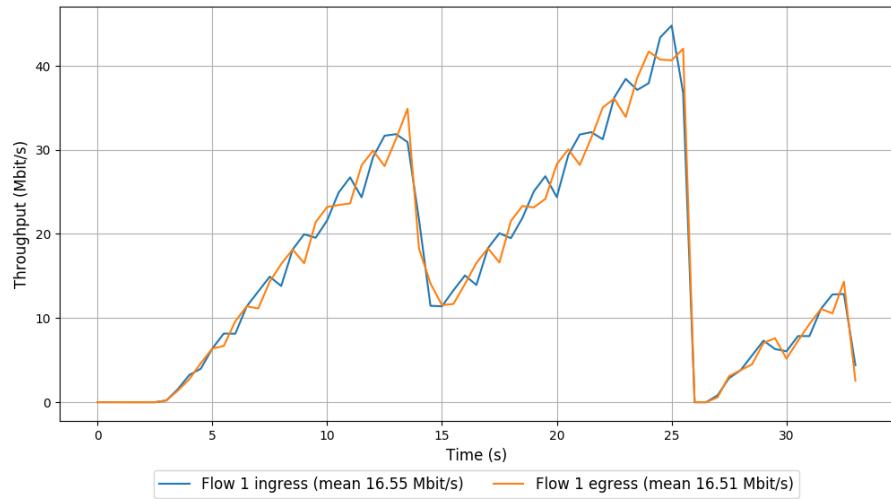


Run 4: Statistics of LEDBAT

```
Start at: Thu, 29 Jun 2017 23:14:20 +0000
End at: Thu, 29 Jun 2017 23:14:50 +0000
Local clock offset: 0.016 ms
Remote clock offset: -4.668 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:16:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.51 Mbit/s
95th percentile per-packet one-way delay: 36.422 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 16.51 Mbit/s
95th percentile per-packet one-way delay: 36.422 ms
Loss rate: 0.46%
```

## Run 4: Report of LEDBAT — Data Link

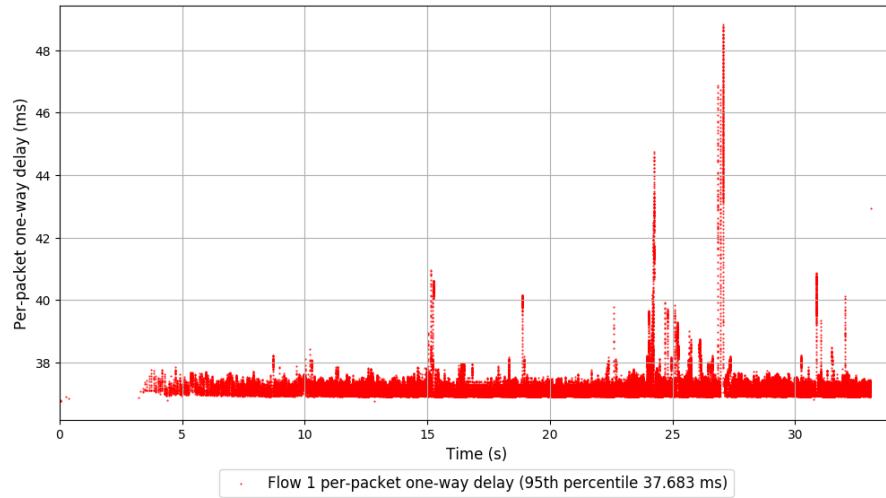
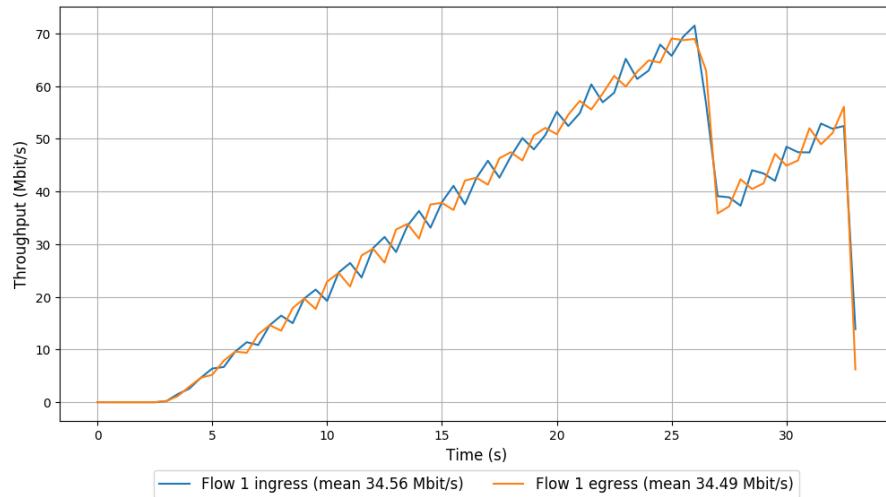


Run 5: Statistics of LEDBAT

```
Start at: Thu, 29 Jun 2017 23:34:08 +0000
End at: Thu, 29 Jun 2017 23:34:38 +0000
Local clock offset: -0.027 ms
Remote clock offset: -2.8 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:16:09 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 34.49 Mbit/s
95th percentile per-packet one-way delay: 37.683 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 34.49 Mbit/s
95th percentile per-packet one-way delay: 37.683 ms
Loss rate: 0.45%
```

## Run 5: Report of LEDBAT — Data Link

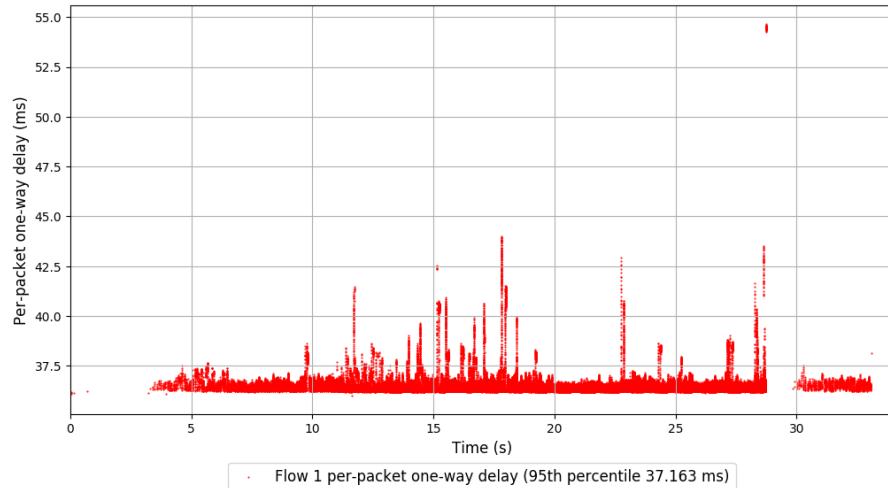
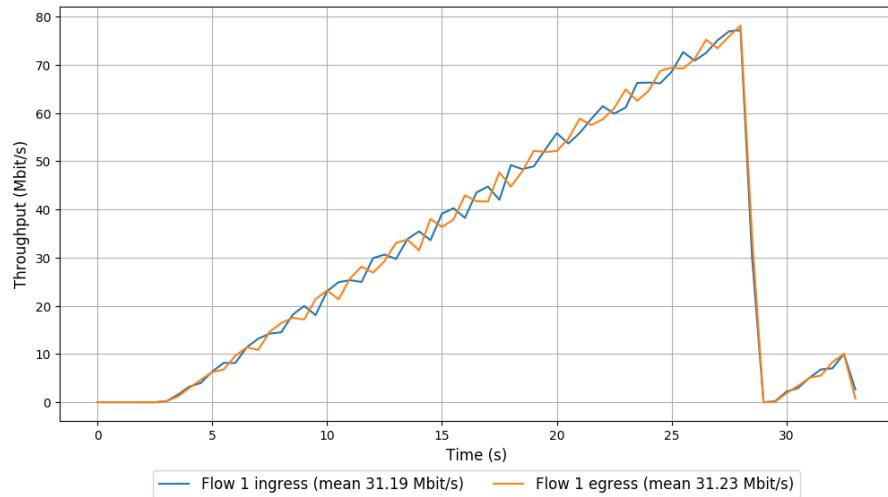


Run 6: Statistics of LEDBAT

```
Start at: Thu, 29 Jun 2017 23:53:59 +0000
End at: Thu, 29 Jun 2017 23:54:29 +0000
Local clock offset: 0.171 ms
Remote clock offset: -2.604 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:16:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 31.23 Mbit/s
95th percentile per-packet one-way delay: 37.163 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 31.23 Mbit/s
95th percentile per-packet one-way delay: 37.163 ms
Loss rate: 0.14%
```

## Run 6: Report of LEDBAT — Data Link

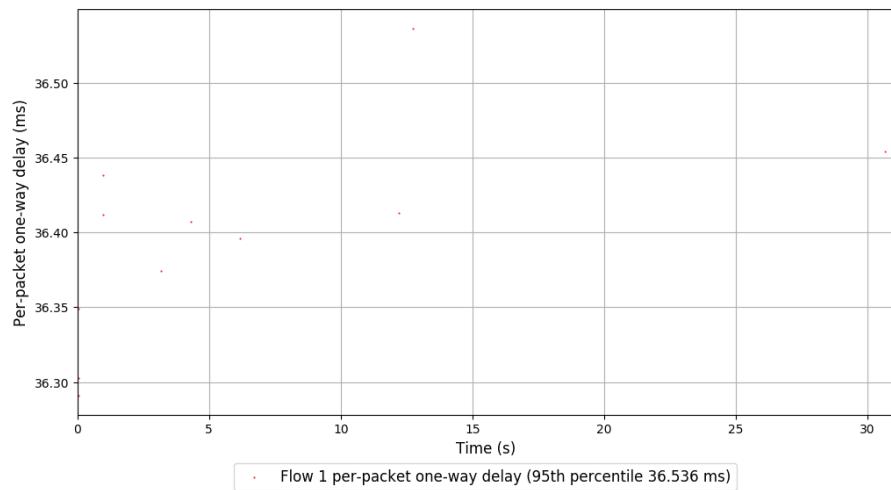
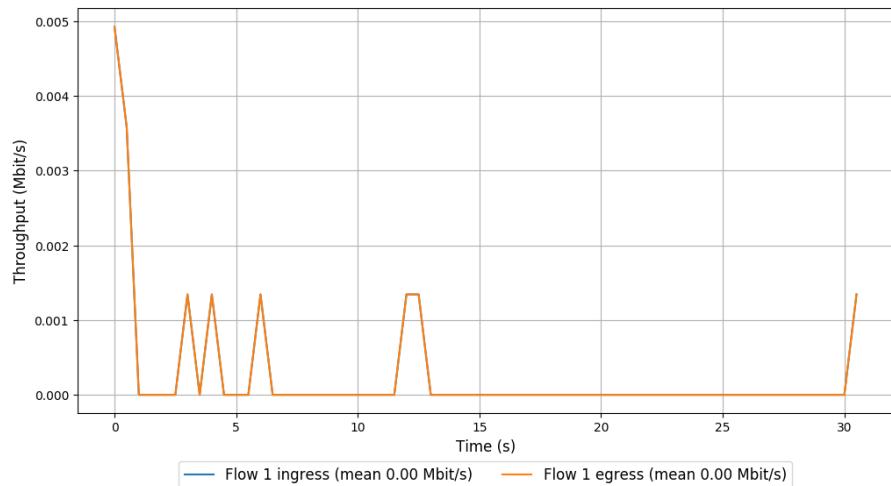


Run 7: Statistics of LEDBAT

```
Start at: Fri, 30 Jun 2017 00:13:48 +0000
End at: Fri, 30 Jun 2017 00:14:18 +0000
Local clock offset: -0.169 ms
Remote clock offset: -4.635 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:16:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 36.536 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 36.536 ms
Loss rate: 0.00%
```

## Run 7: Report of LEDBAT — Data Link

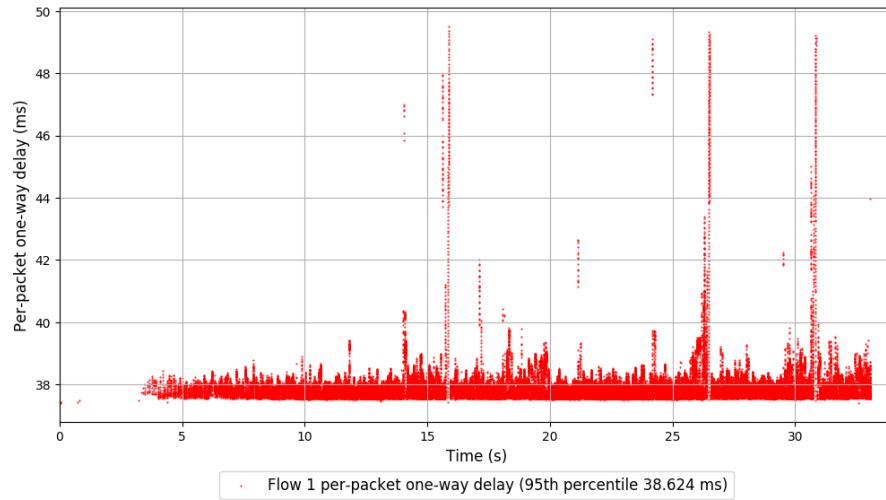
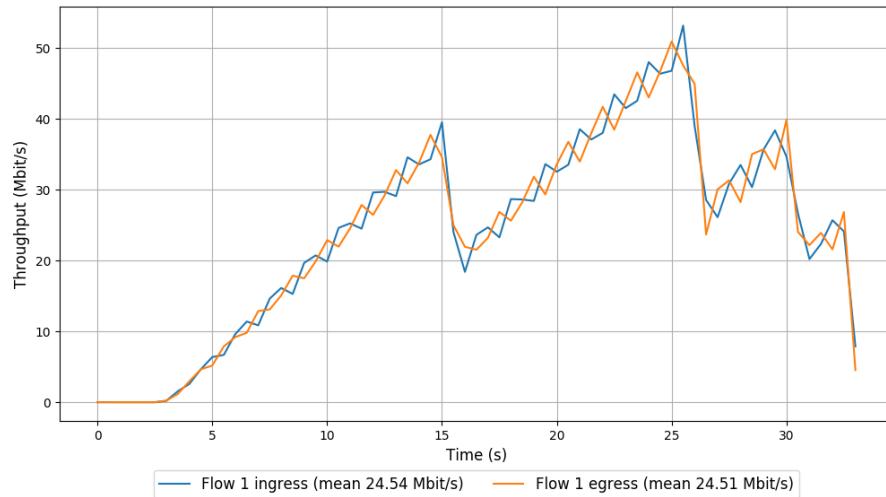


Run 8: Statistics of LEDBAT

```
Start at: Fri, 30 Jun 2017 00:33:32 +0000
End at: Fri, 30 Jun 2017 00:34:02 +0000
Local clock offset: -0.282 ms
Remote clock offset: -4.184 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:16:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.51 Mbit/s
95th percentile per-packet one-way delay: 38.624 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 24.51 Mbit/s
95th percentile per-packet one-way delay: 38.624 ms
Loss rate: 0.35%
```

## Run 8: Report of LEDBAT — Data Link

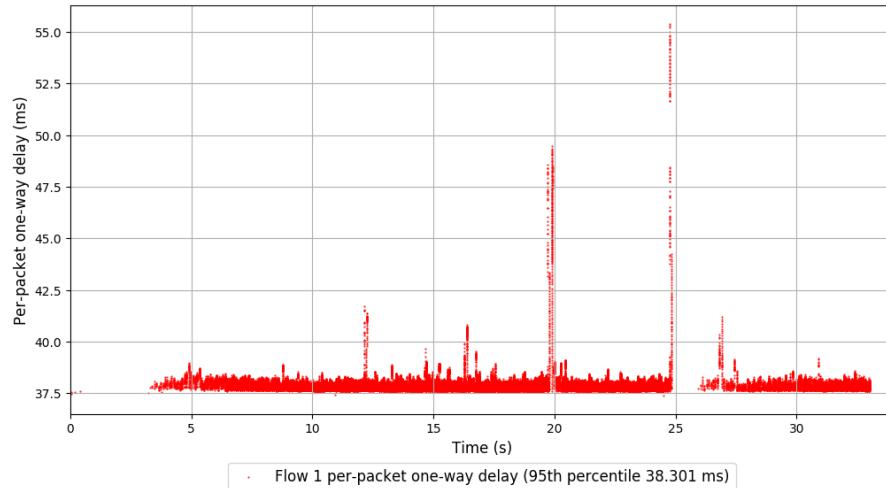
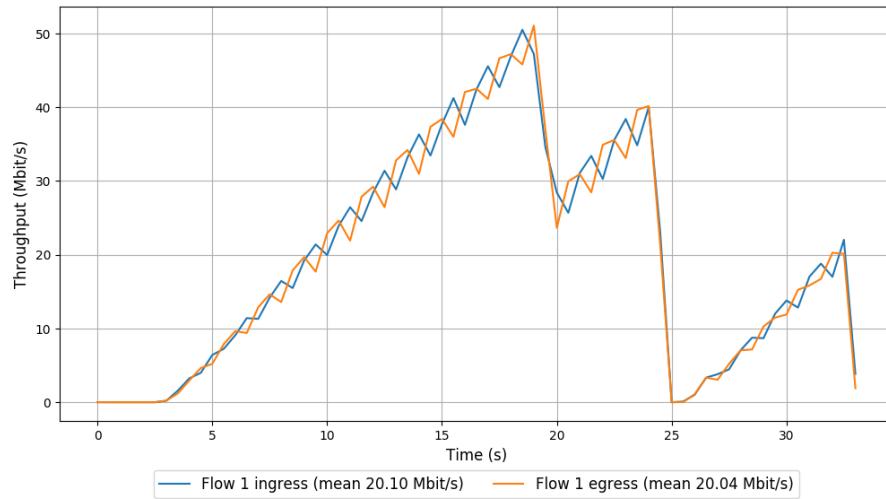


Run 9: Statistics of LEDBAT

```
Start at: Fri, 30 Jun 2017 00:53:14 +0000
End at: Fri, 30 Jun 2017 00:53:44 +0000
Local clock offset: -0.361 ms
Remote clock offset: -2.103 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:16:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 20.04 Mbit/s
95th percentile per-packet one-way delay: 38.301 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 20.04 Mbit/s
95th percentile per-packet one-way delay: 38.301 ms
Loss rate: 0.56%
```

## Run 9: Report of LEDBAT — Data Link

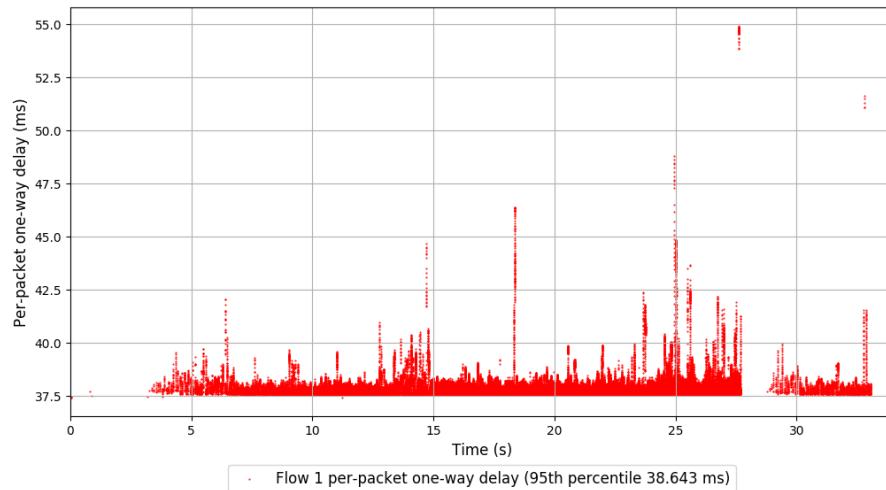
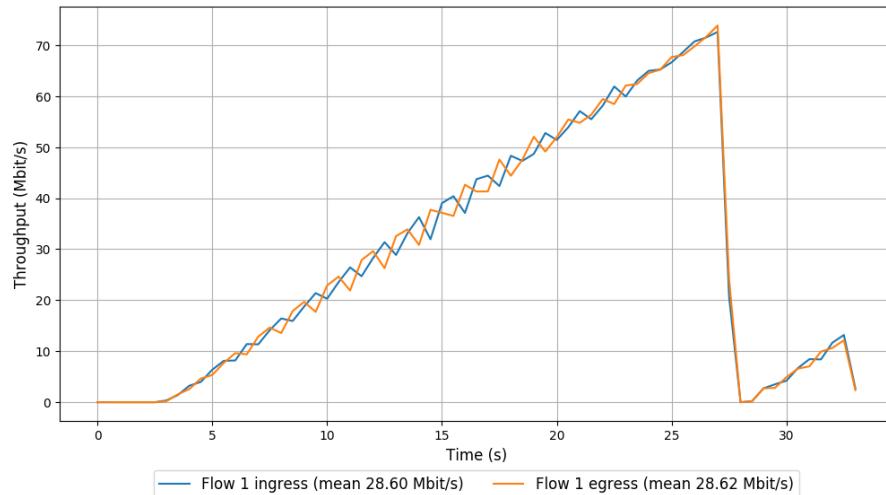


Run 10: Statistics of LEDBAT

```
Start at: Fri, 30 Jun 2017 01:13:00 +0000
End at: Fri, 30 Jun 2017 01:13:30 +0000
Local clock offset: -0.208 ms
Remote clock offset: -1.855 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:16:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 28.62 Mbit/s
95th percentile per-packet one-way delay: 38.643 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 28.62 Mbit/s
95th percentile per-packet one-way delay: 38.643 ms
Loss rate: 0.19%
```

## Run 10: Report of LEDBAT — Data Link

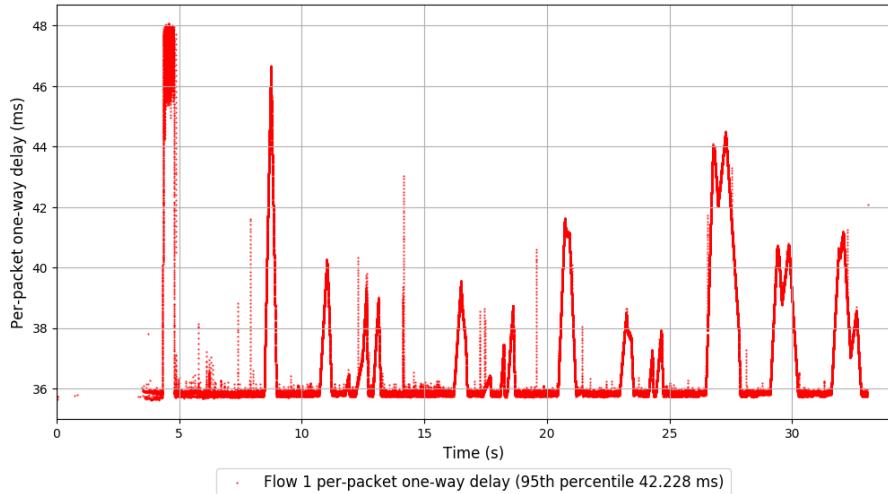
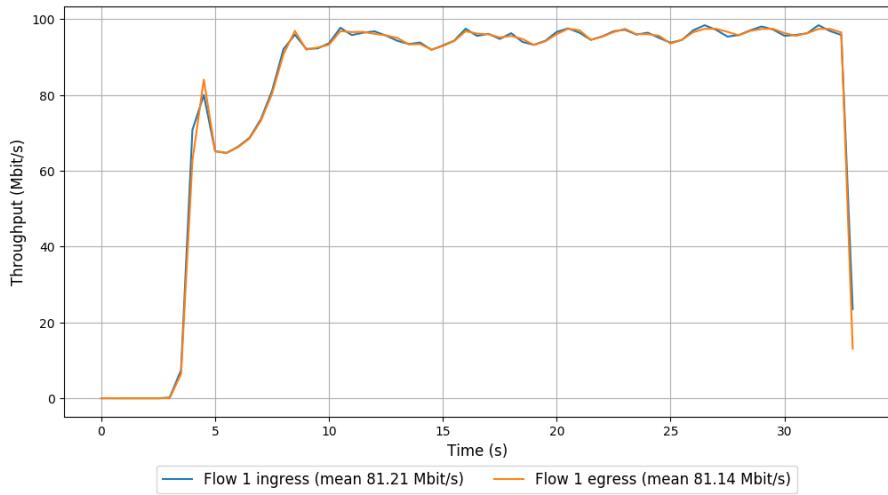


Run 1: Statistics of PCC

```
Start at: Thu, 29 Jun 2017 22:28:26 +0000
End at: Thu, 29 Jun 2017 22:28:56 +0000
Local clock offset: -0.037 ms
Remote clock offset: -4.581 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:16:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.14 Mbit/s
95th percentile per-packet one-way delay: 42.228 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 81.14 Mbit/s
95th percentile per-packet one-way delay: 42.228 ms
Loss rate: 0.34%
```

## Run 1: Report of PCC — Data Link

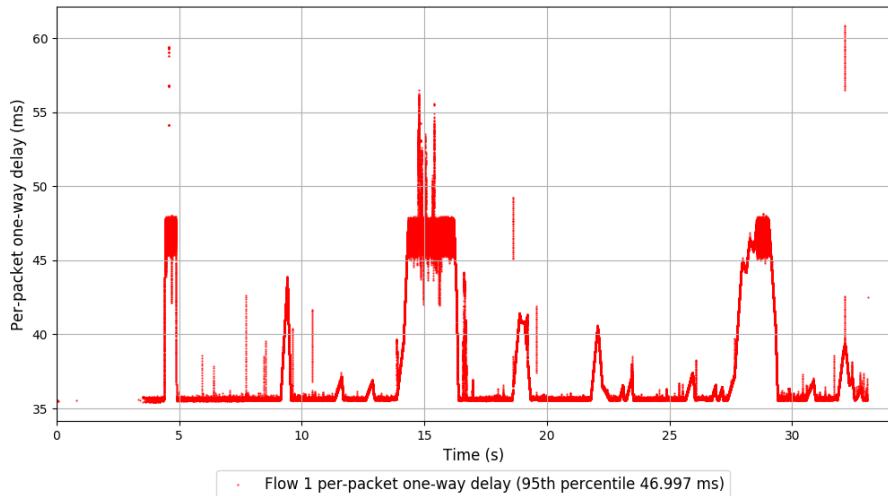
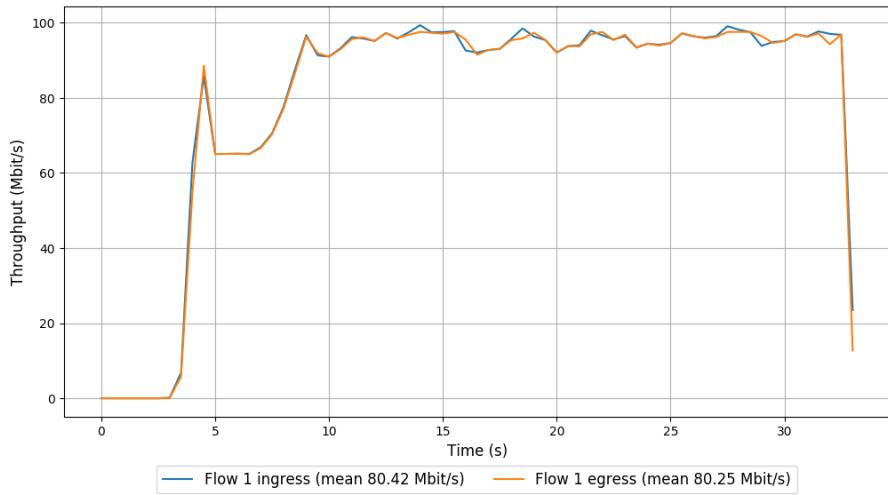


Run 2: Statistics of PCC

```
Start at: Thu, 29 Jun 2017 22:48:07 +0000
End at: Thu, 29 Jun 2017 22:48:37 +0000
Local clock offset: -0.065 ms
Remote clock offset: -2.254 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:16:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.25 Mbit/s
95th percentile per-packet one-way delay: 46.997 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 80.25 Mbit/s
95th percentile per-packet one-way delay: 46.997 ms
Loss rate: 0.48%
```

## Run 2: Report of PCC — Data Link

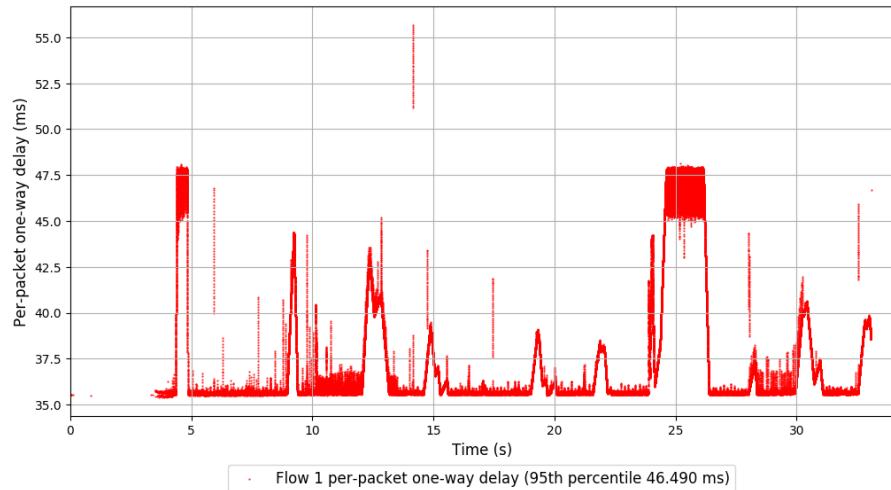
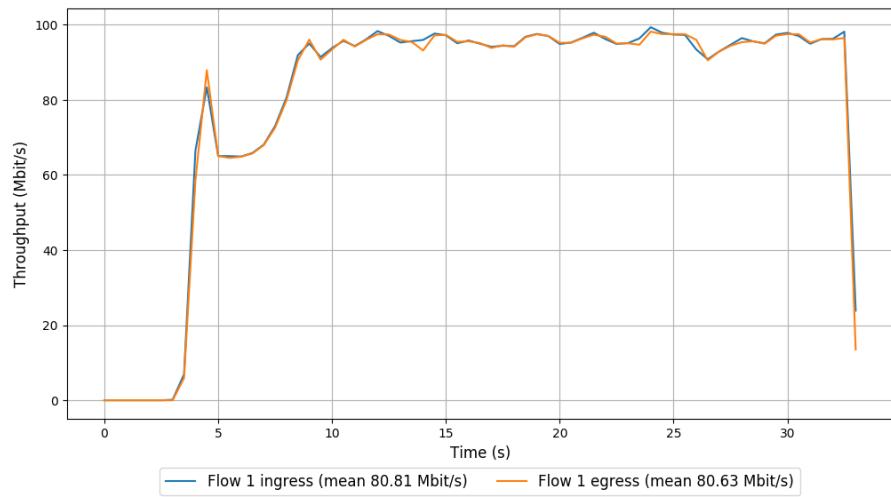


Run 3: Statistics of PCC

```
Start at: Thu, 29 Jun 2017 23:07:53 +0000
End at: Thu, 29 Jun 2017 23:08:23 +0000
Local clock offset: -0.032 ms
Remote clock offset: -2.361 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:16:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.63 Mbit/s
95th percentile per-packet one-way delay: 46.490 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 80.63 Mbit/s
95th percentile per-packet one-way delay: 46.490 ms
Loss rate: 0.47%
```

### Run 3: Report of PCC — Data Link

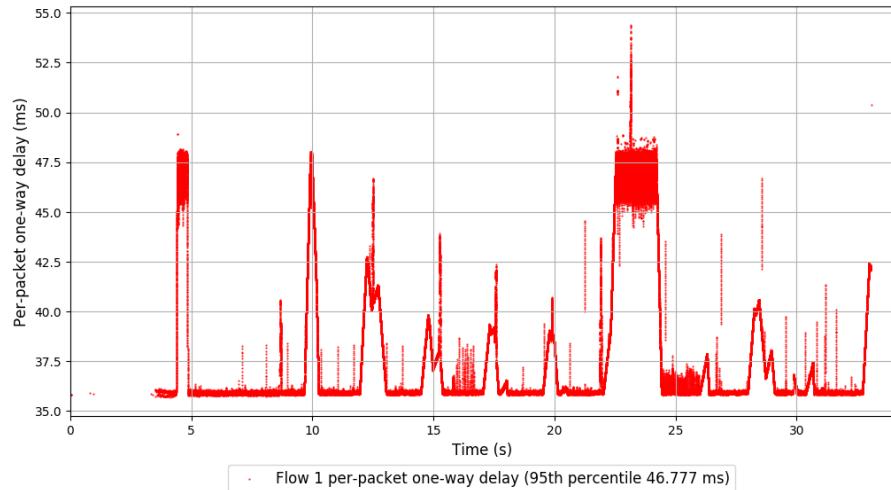
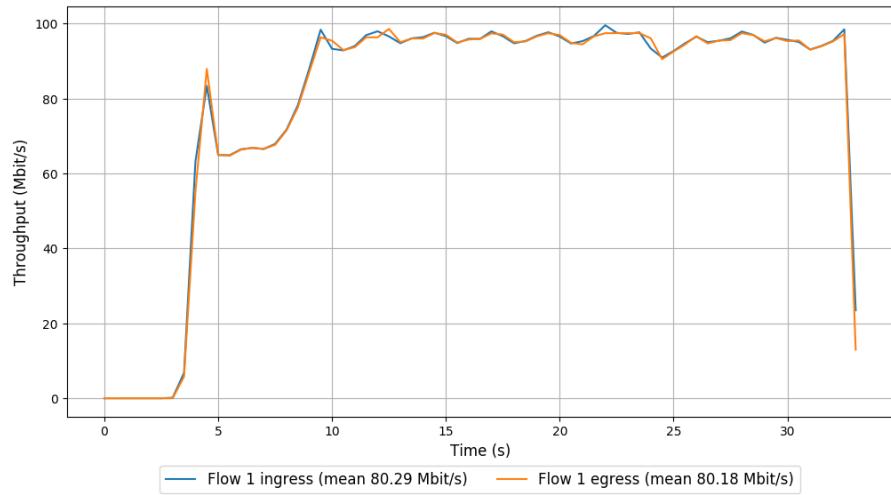


Run 4: Statistics of PCC

```
Start at: Thu, 29 Jun 2017 23:27:40 +0000
End at: Thu, 29 Jun 2017 23:28:10 +0000
Local clock offset: -0.035 ms
Remote clock offset: -4.983 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:16:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.18 Mbit/s
95th percentile per-packet one-way delay: 46.777 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 80.18 Mbit/s
95th percentile per-packet one-way delay: 46.777 ms
Loss rate: 0.39%
```

### Run 4: Report of PCC — Data Link

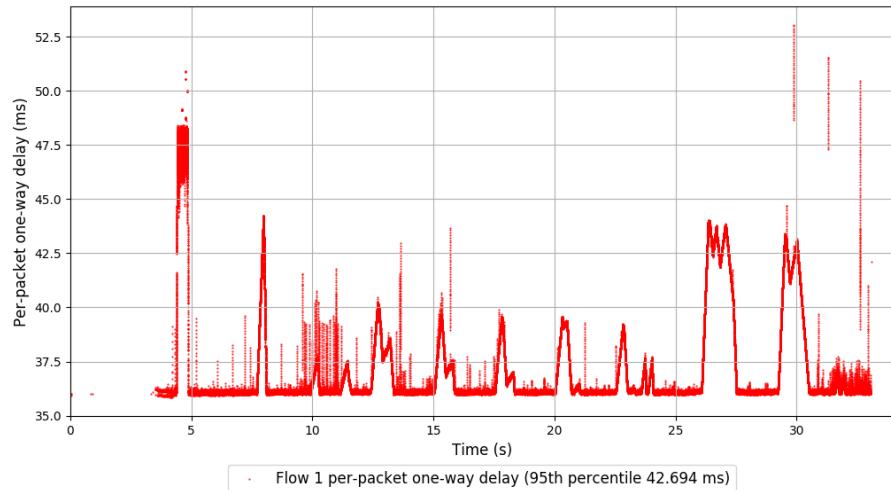
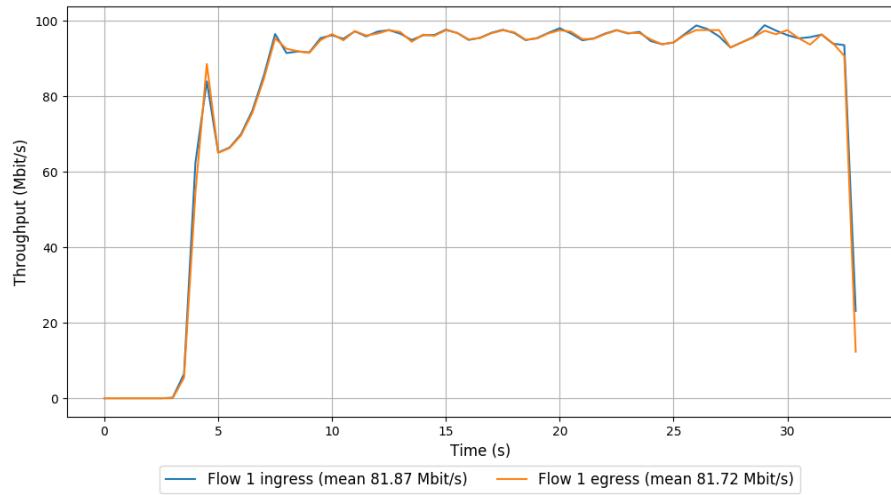


Run 5: Statistics of PCC

```
Start at: Thu, 29 Jun 2017 23:47:32 +0000
End at: Thu, 29 Jun 2017 23:48:02 +0000
Local clock offset: -0.115 ms
Remote clock offset: -2.785 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:16:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.72 Mbit/s
95th percentile per-packet one-way delay: 42.694 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 81.72 Mbit/s
95th percentile per-packet one-way delay: 42.694 ms
Loss rate: 0.45%
```

### Run 5: Report of PCC — Data Link

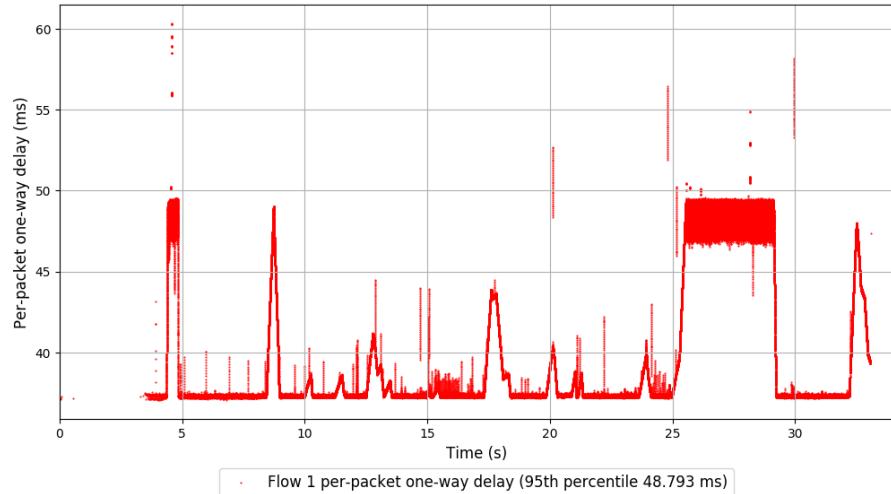
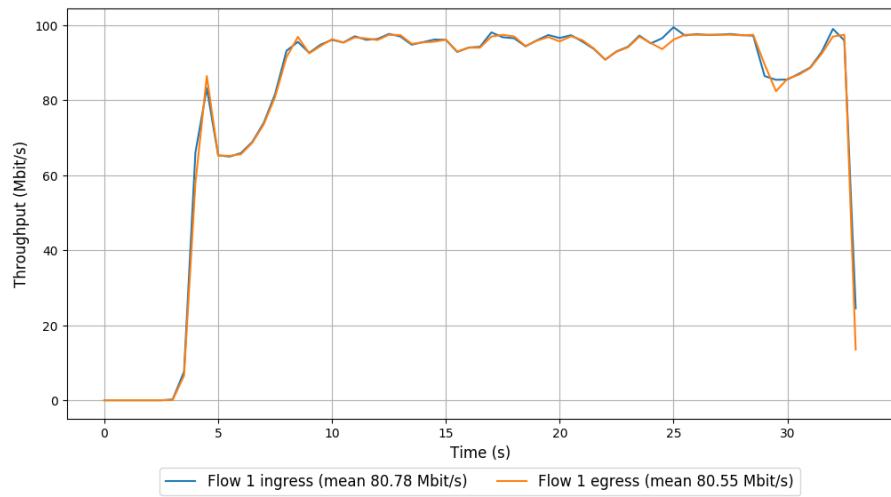


Run 6: Statistics of PCC

```
Start at: Fri, 30 Jun 2017 00:07:21 +0000
End at: Fri, 30 Jun 2017 00:07:51 +0000
Local clock offset: -0.162 ms
Remote clock offset: -4.631 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:16:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.55 Mbit/s
95th percentile per-packet one-way delay: 48.793 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 80.55 Mbit/s
95th percentile per-packet one-way delay: 48.793 ms
Loss rate: 0.54%
```

### Run 6: Report of PCC — Data Link

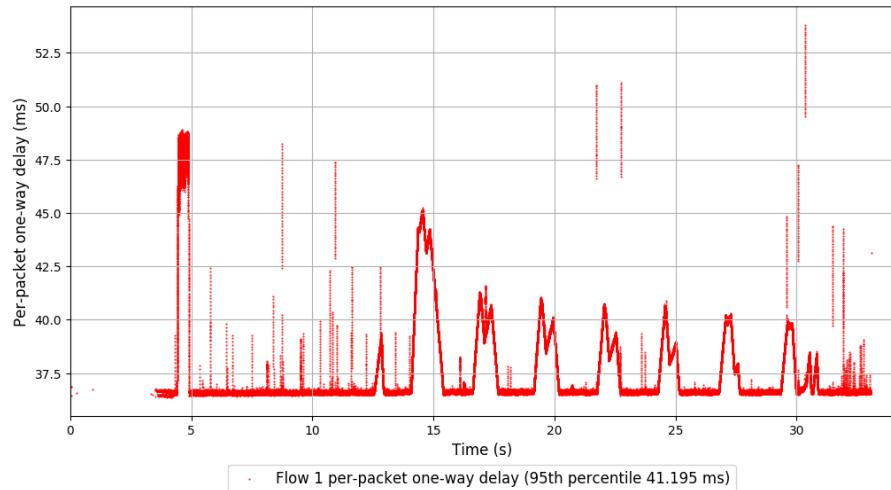
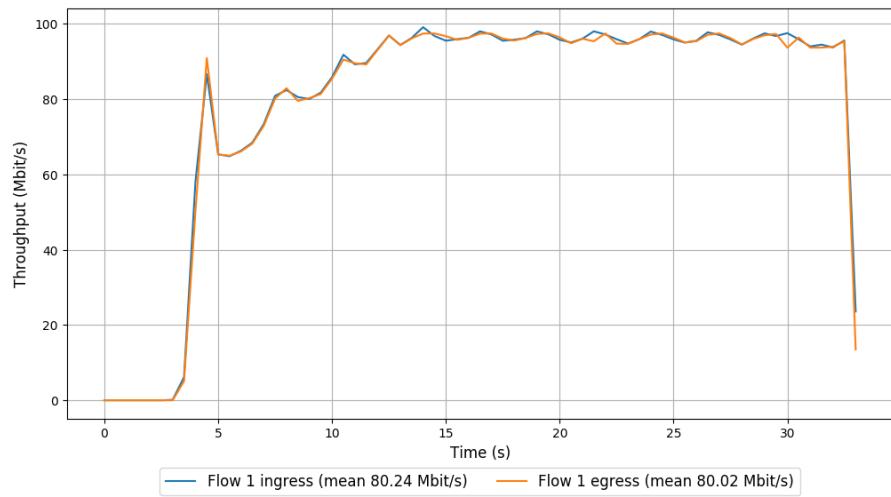


Run 7: Statistics of PCC

```
Start at: Fri, 30 Jun 2017 00:27:07 +0000
End at: Fri, 30 Jun 2017 00:27:37 +0000
Local clock offset: -0.345 ms
Remote clock offset: -2.171 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:17:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.02 Mbit/s
95th percentile per-packet one-way delay: 41.195 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 80.02 Mbit/s
95th percentile per-packet one-way delay: 41.195 ms
Loss rate: 0.51%
```

### Run 7: Report of PCC — Data Link

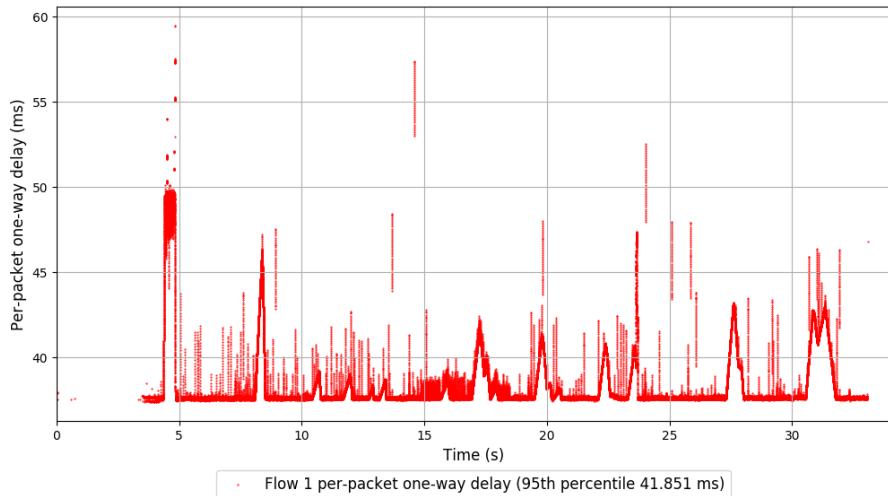
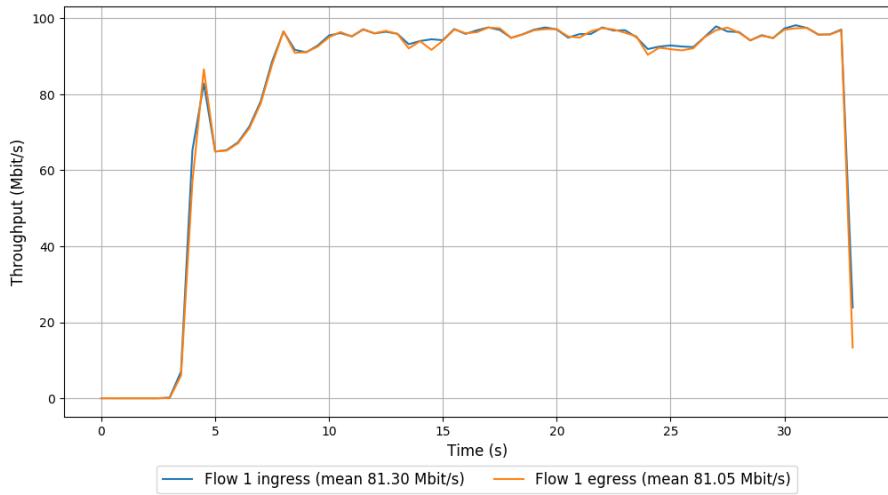


Run 8: Statistics of PCC

```
Start at: Fri, 30 Jun 2017 00:46:48 +0000
End at: Fri, 30 Jun 2017 00:47:18 +0000
Local clock offset: -0.357 ms
Remote clock offset: -4.16 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:17:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.05 Mbit/s
95th percentile per-packet one-way delay: 41.851 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 81.05 Mbit/s
95th percentile per-packet one-way delay: 41.851 ms
Loss rate: 0.56%
```

### Run 8: Report of PCC — Data Link

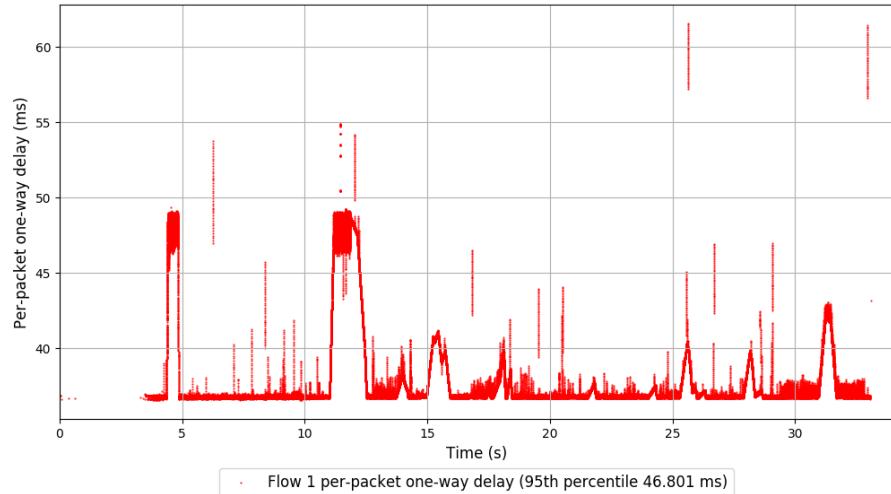
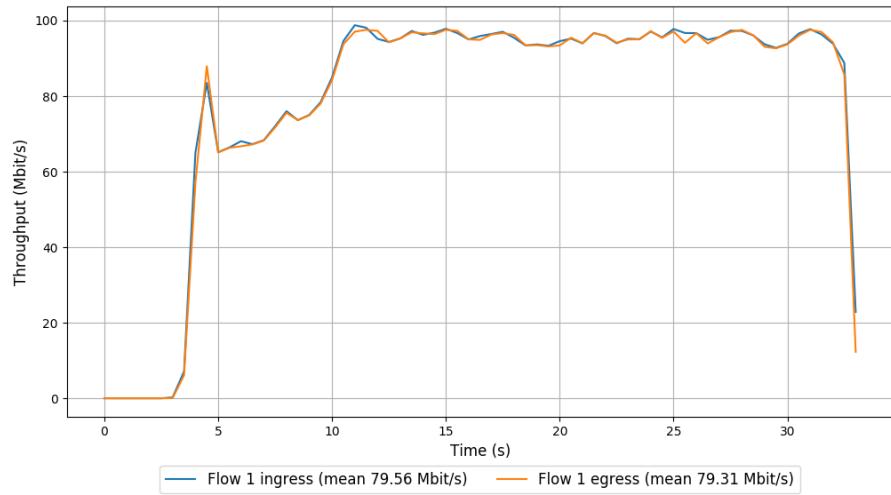


Run 9: Statistics of PCC

```
Start at: Fri, 30 Jun 2017 01:06:34 +0000
End at: Fri, 30 Jun 2017 01:07:04 +0000
Local clock offset: -0.217 ms
Remote clock offset: -4.054 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:17:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.31 Mbit/s
95th percentile per-packet one-way delay: 46.801 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 79.31 Mbit/s
95th percentile per-packet one-way delay: 46.801 ms
Loss rate: 0.57%
```

### Run 9: Report of PCC — Data Link

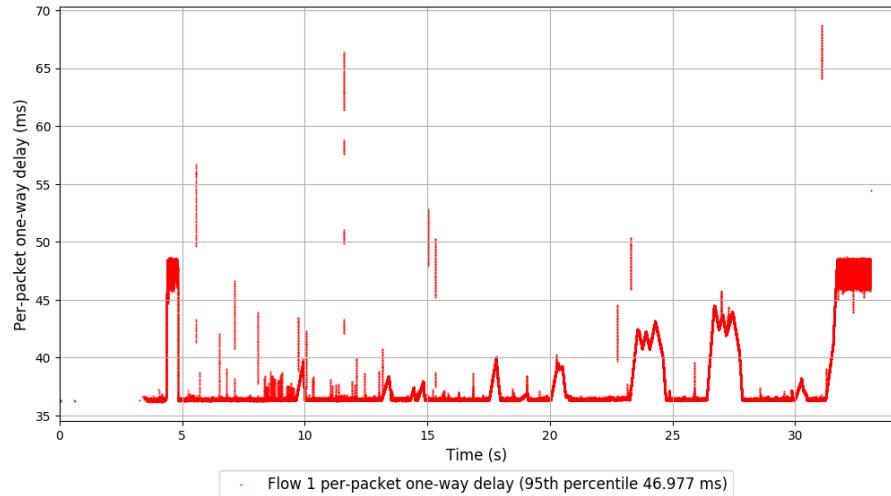
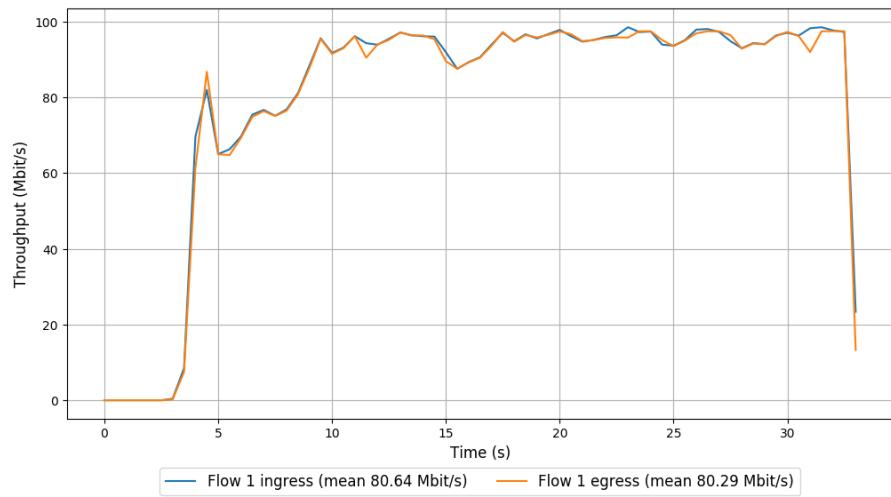


Run 10: Statistics of PCC

```
Start at: Fri, 30 Jun 2017 01:26:16 +0000
End at: Fri, 30 Jun 2017 01:26:46 +0000
Local clock offset: 0.031 ms
Remote clock offset: -1.322 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:17:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.29 Mbit/s
95th percentile per-packet one-way delay: 46.977 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 80.29 Mbit/s
95th percentile per-packet one-way delay: 46.977 ms
Loss rate: 0.69%
```

### Run 10: Report of PCC — Data Link

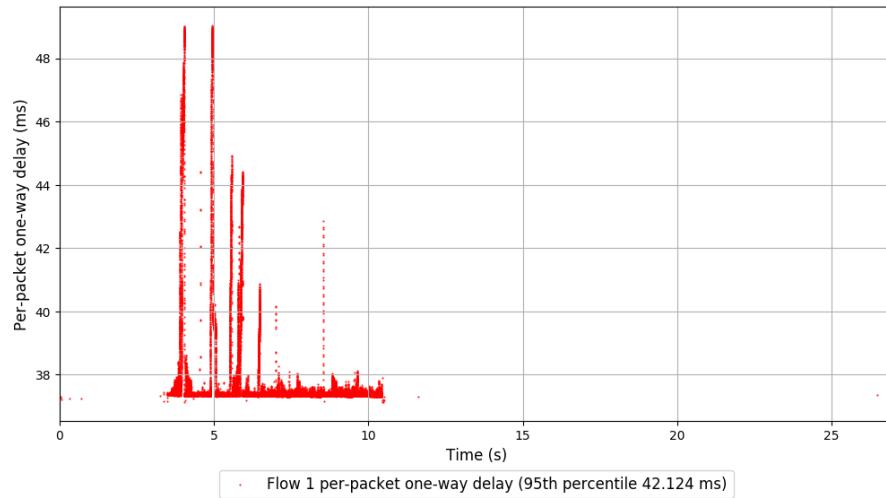
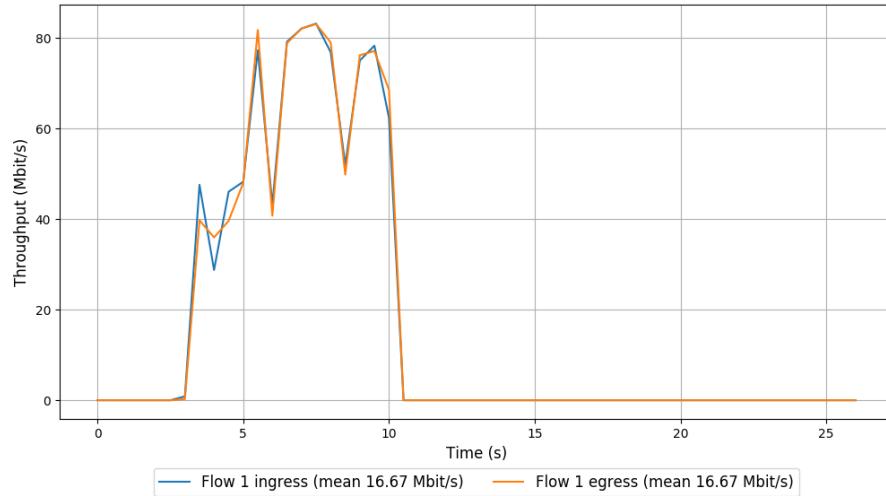


```
Run 1: Statistics of QUIC Cubic (toy)

Start at: Thu, 29 Jun 2017 22:11:17 +0000
End at: Thu, 29 Jun 2017 22:11:47 +0000
Local clock offset: -0.031 ms
Remote clock offset: -2.344 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:17:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.67 Mbit/s
95th percentile per-packet one-way delay: 42.124 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 16.67 Mbit/s
95th percentile per-packet one-way delay: 42.124 ms
Loss rate: 0.00%
```

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

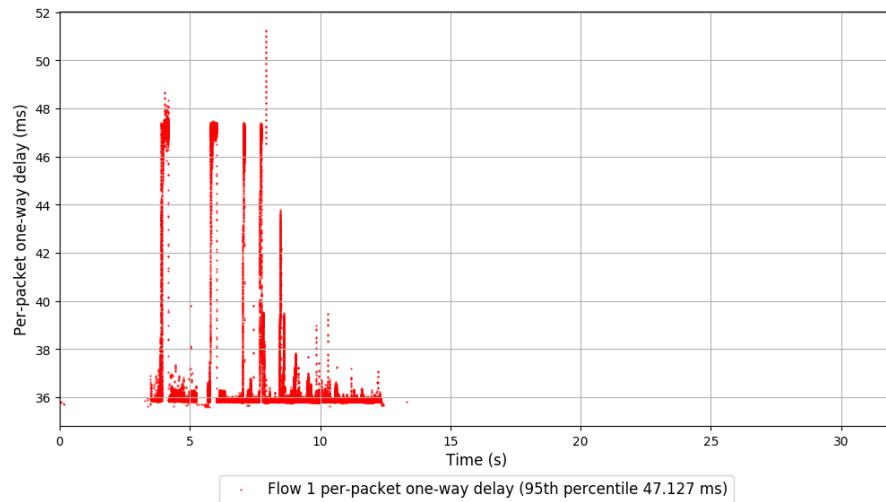
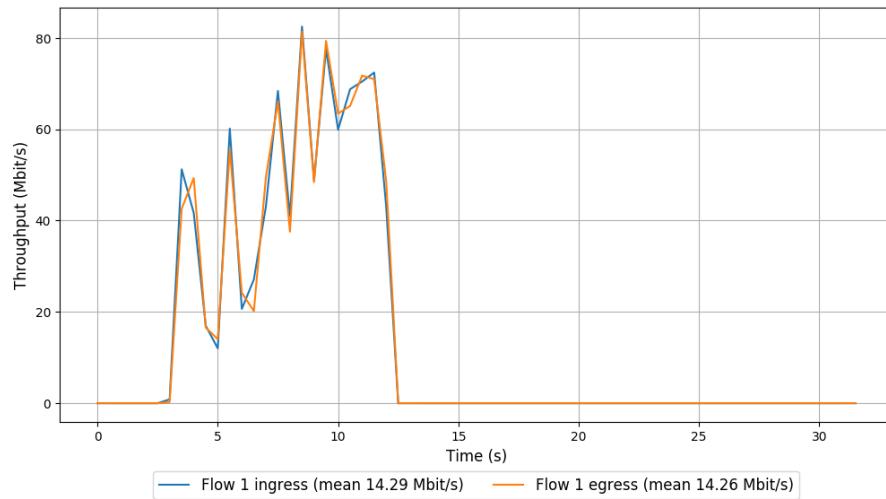


Run 2: Statistics of QUIC Cubic (toy)

```
Start at: Thu, 29 Jun 2017 22:31:01 +0000
End at: Thu, 29 Jun 2017 22:31:31 +0000
Local clock offset: -0.073 ms
Remote clock offset: -4.583 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:17:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.26 Mbit/s
95th percentile per-packet one-way delay: 47.127 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 14.26 Mbit/s
95th percentile per-packet one-way delay: 47.127 ms
Loss rate: 0.18%
```

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

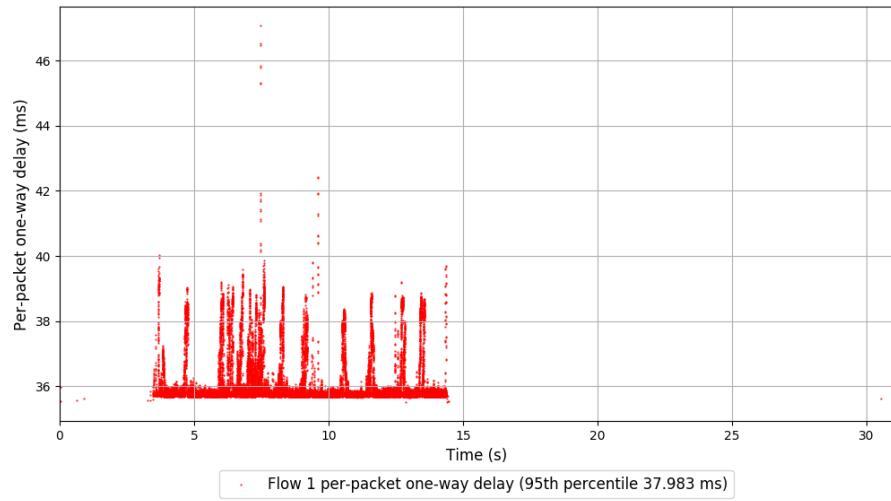
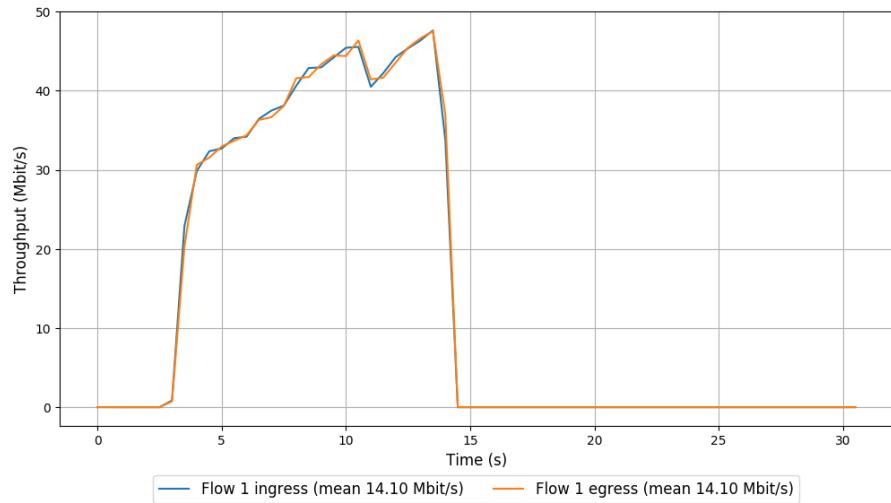


Run 3: Statistics of QUIC Cubic (toy)

```
Start at: Thu, 29 Jun 2017 22:50:41 +0000
End at: Thu, 29 Jun 2017 22:51:11 +0000
Local clock offset: 0.021 ms
Remote clock offset: -2.714 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:17:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.10 Mbit/s
95th percentile per-packet one-way delay: 37.983 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 14.10 Mbit/s
95th percentile per-packet one-way delay: 37.983 ms
Loss rate: 0.03%
```

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

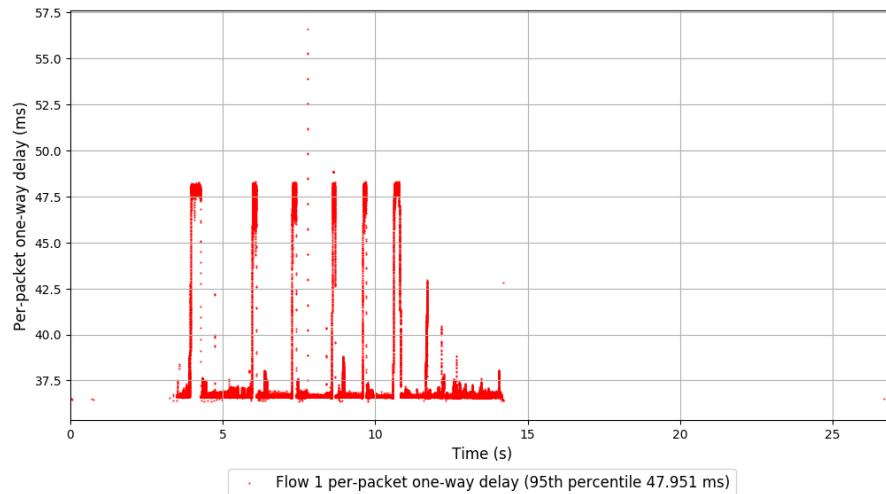
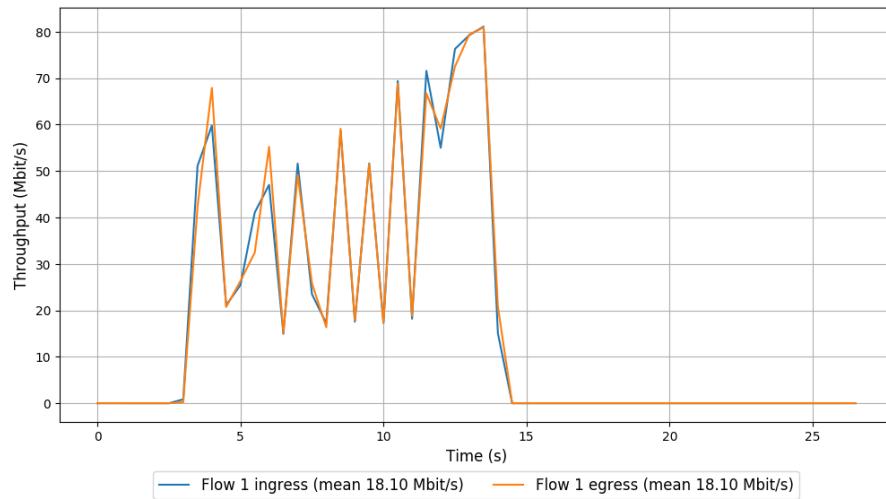


Run 4: Statistics of QUIC Cubic (toy)

```
Start at: Thu, 29 Jun 2017 23:10:28 +0000
End at: Thu, 29 Jun 2017 23:10:58 +0000
Local clock offset: -0.044 ms
Remote clock offset: -2.802 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:17:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.10 Mbit/s
95th percentile per-packet one-way delay: 47.951 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 18.10 Mbit/s
95th percentile per-packet one-way delay: 47.951 ms
Loss rate: 0.00%
```

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

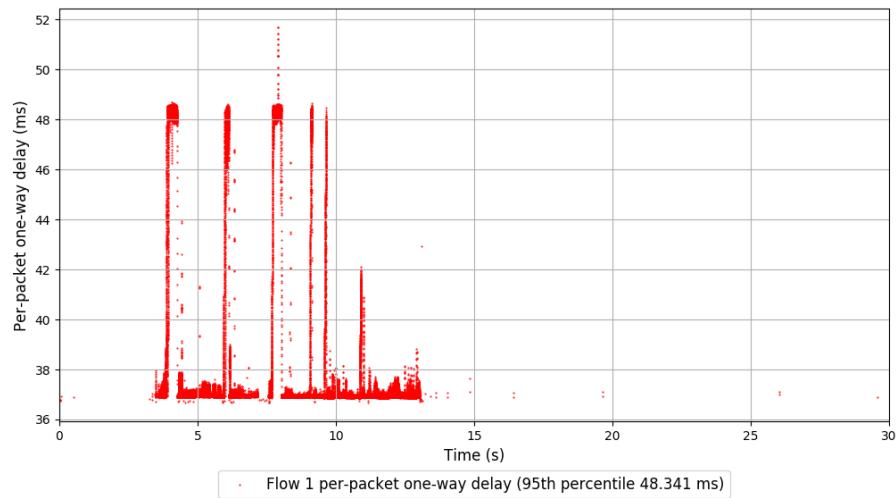
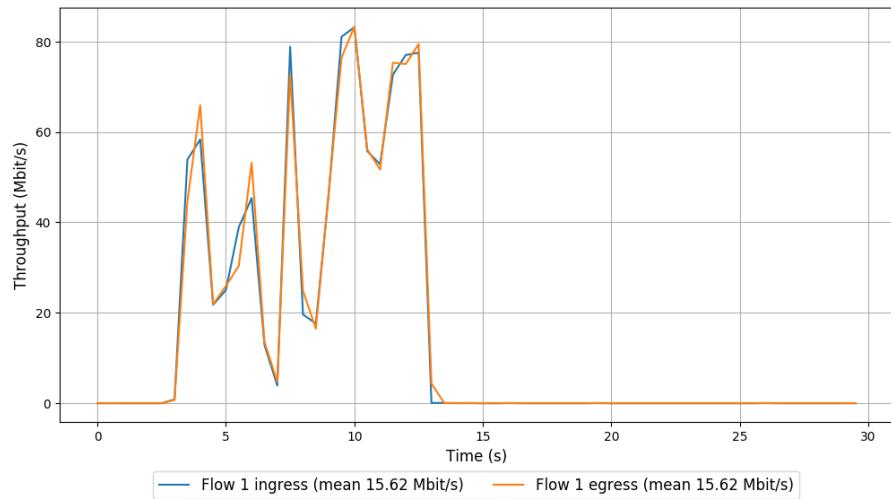


Run 5: Statistics of QUIC Cubic (toy)

```
Start at: Thu, 29 Jun 2017 23:30:16 +0000
End at: Thu, 29 Jun 2017 23:30:46 +0000
Local clock offset: -0.085 ms
Remote clock offset: -2.467 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:17:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.62 Mbit/s
95th percentile per-packet one-way delay: 48.341 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 15.62 Mbit/s
95th percentile per-packet one-way delay: 48.341 ms
Loss rate: 0.00%
```

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

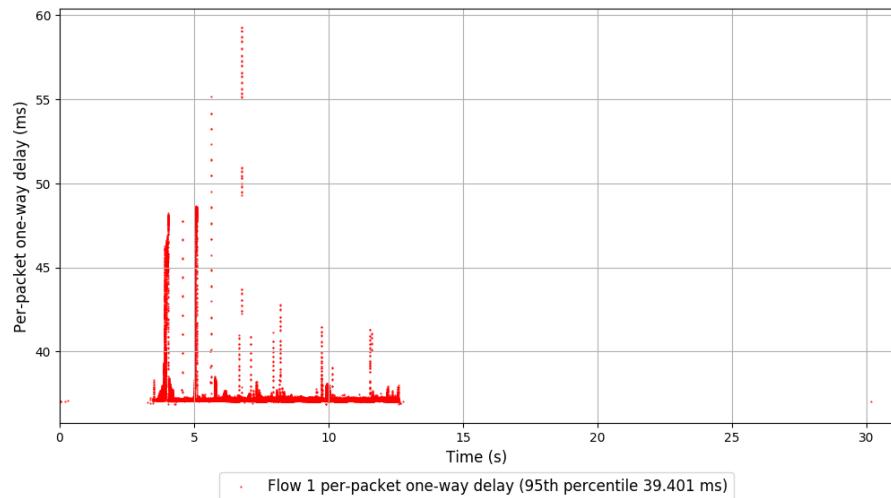
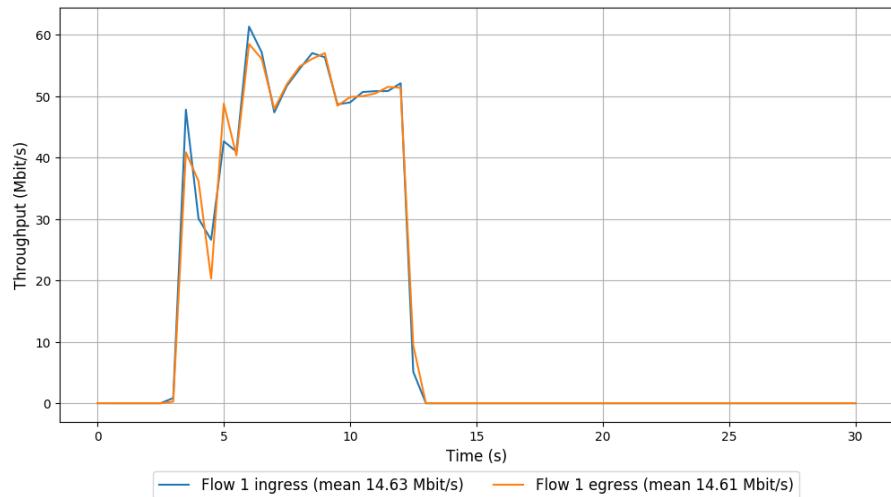


Run 6: Statistics of QUIC Cubic (toy)

```
Start at: Thu, 29 Jun 2017 23:50:07 +0000
End at: Thu, 29 Jun 2017 23:50:37 +0000
Local clock offset: -0.127 ms
Remote clock offset: -2.779 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:17:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.61 Mbit/s
95th percentile per-packet one-way delay: 39.401 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 14.61 Mbit/s
95th percentile per-packet one-way delay: 39.401 ms
Loss rate: 0.15%
```

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

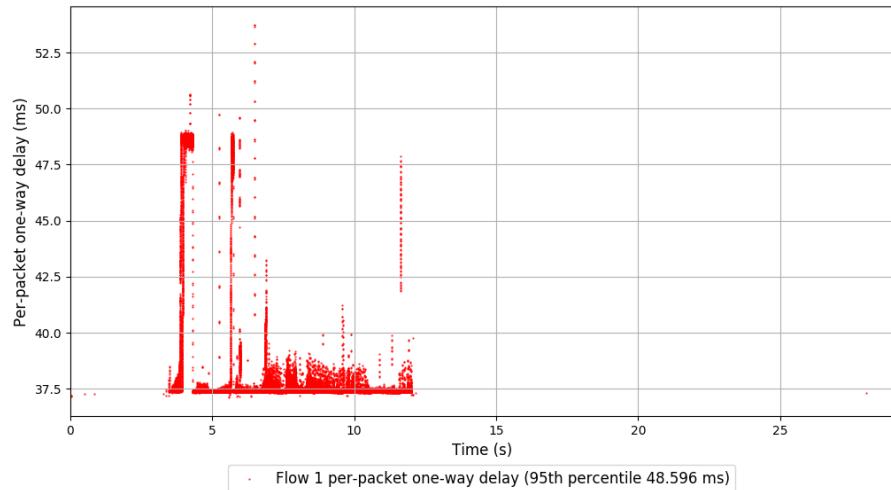
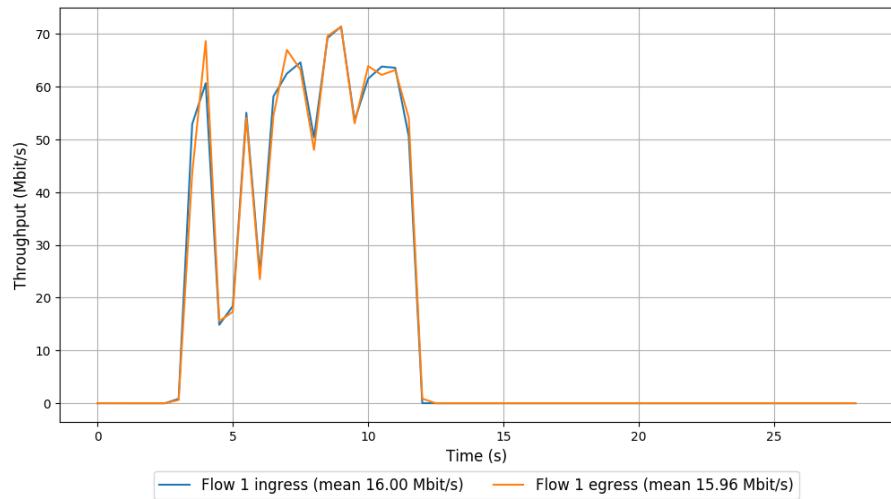


Run 7: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 30 Jun 2017 00:09:57 +0000
End at: Fri, 30 Jun 2017 00:10:27 +0000
Local clock offset: -0.242 ms
Remote clock offset: -1.688 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:17:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.96 Mbit/s
95th percentile per-packet one-way delay: 48.596 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 15.96 Mbit/s
95th percentile per-packet one-way delay: 48.596 ms
Loss rate: 0.27%
```

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

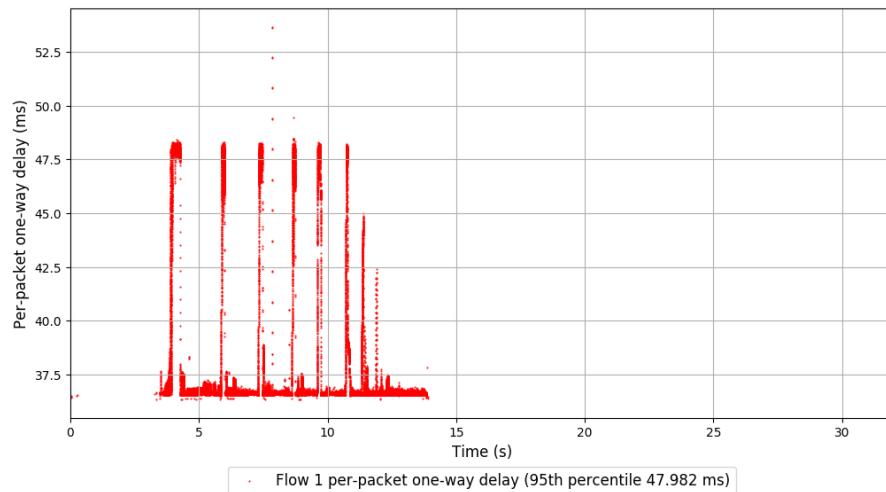
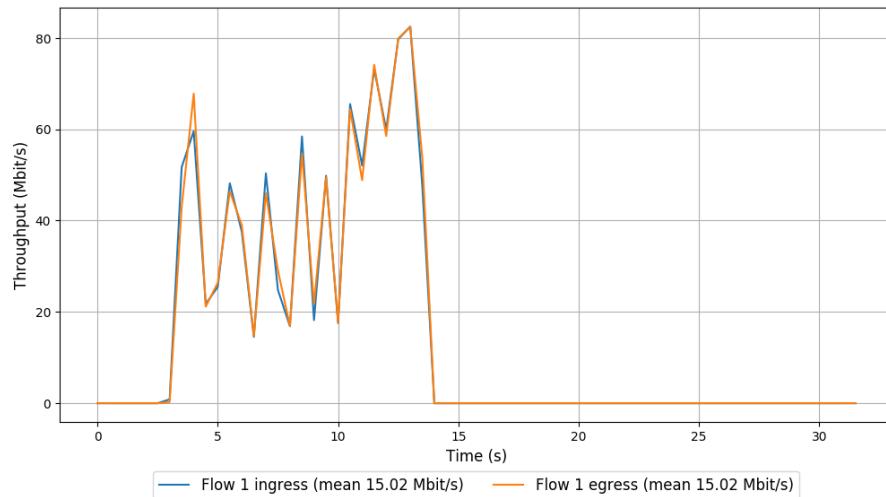


Run 8: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 30 Jun 2017 00:29:41 +0000
End at: Fri, 30 Jun 2017 00:30:11 +0000
Local clock offset: -0.369 ms
Remote clock offset: -4.29 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:17:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.02 Mbit/s
95th percentile per-packet one-way delay: 47.982 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 15.02 Mbit/s
95th percentile per-packet one-way delay: 47.982 ms
Loss rate: 0.00%
```

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

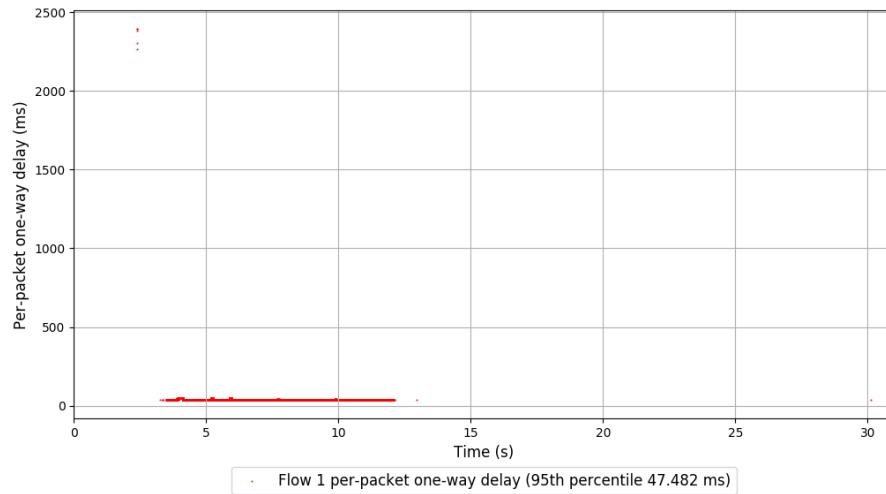
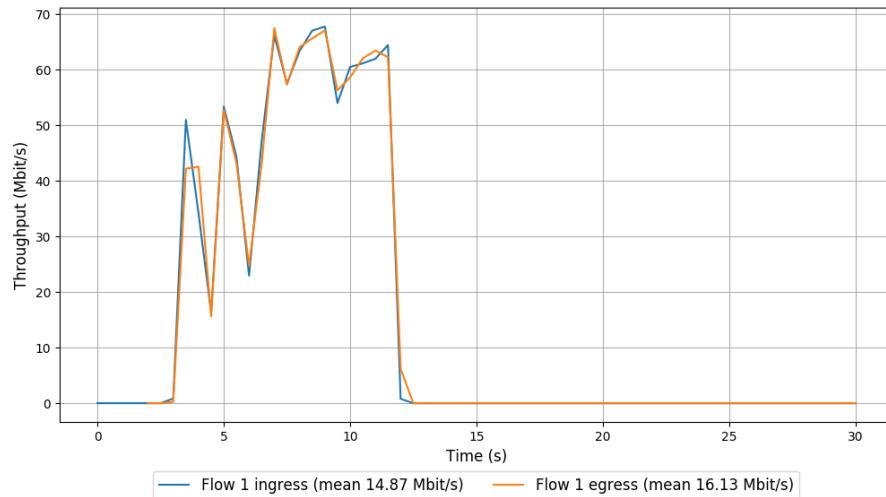


Run 9: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 30 Jun 2017 00:49:23 +0000
End at: Fri, 30 Jun 2017 00:49:53 +0000
Local clock offset: -0.378 ms
Remote clock offset: -1.635 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:17:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.13 Mbit/s
95th percentile per-packet one-way delay: 47.482 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 16.13 Mbit/s
95th percentile per-packet one-way delay: 47.482 ms
Loss rate: 0.00%
```

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



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

```
Start at: Fri, 30 Jun 2017 01:09:09 +0000
```

```
End at: Fri, 30 Jun 2017 01:09:39 +0000
```

```
Local clock offset: -0.189 ms
```

```
Remote clock offset: -4.053 ms
```

```
# Below is generated by plot.py at Fri, 30 Jun 2017 02:17:33 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 15.63 Mbit/s
```

```
95th percentile per-packet one-way delay: 38.718 ms
```

```
Loss rate: 0.01%
```

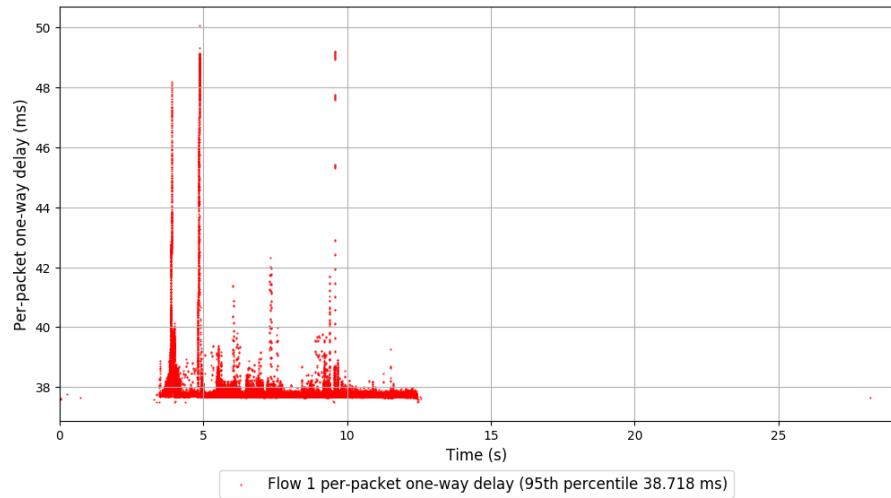
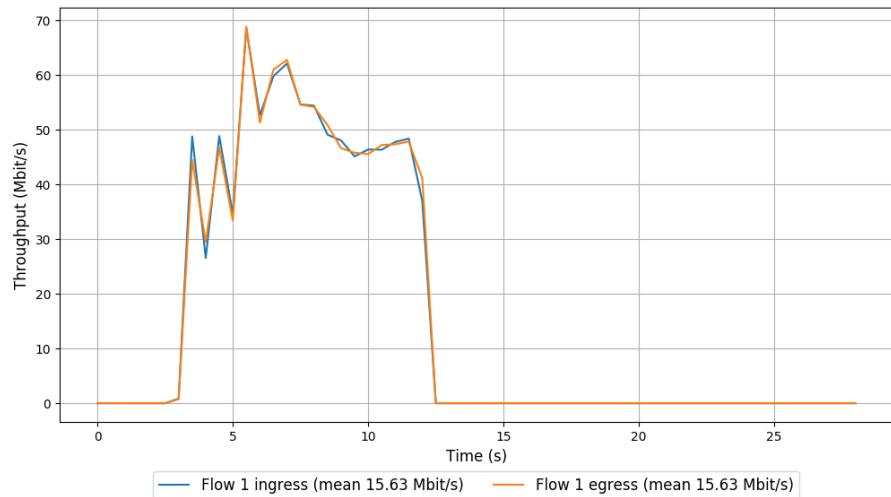
```
-- Flow 1:
```

```
Average throughput: 15.63 Mbit/s
```

```
95th percentile per-packet one-way delay: 38.718 ms
```

```
Loss rate: 0.01%
```

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



Run 1: Statistics of Saturator

Start at: Thu, 29 Jun 2017 22:13:50 +0000

End at: Thu, 29 Jun 2017 22:14:20 +0000

Local clock offset: 0.047 ms

Remote clock offset: -4.527 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:17:37 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 24.66 Mbit/s

95th percentile per-packet one-way delay: 36.918 ms

Loss rate: 0.43%

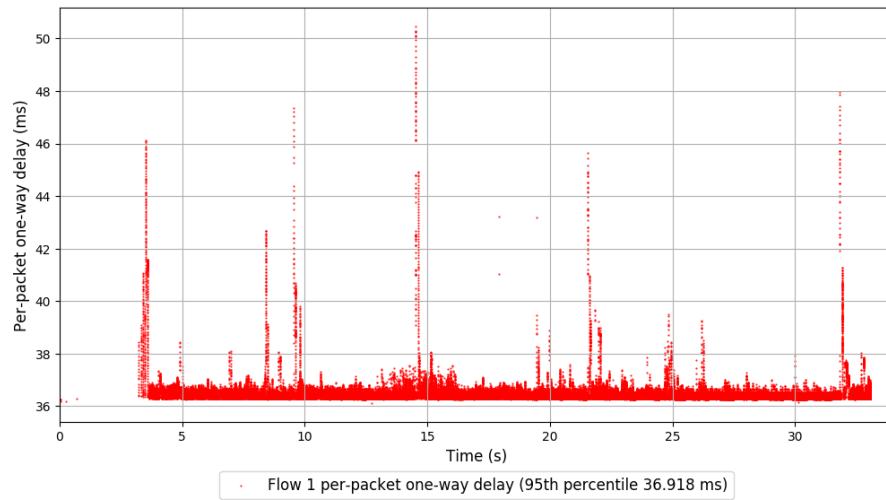
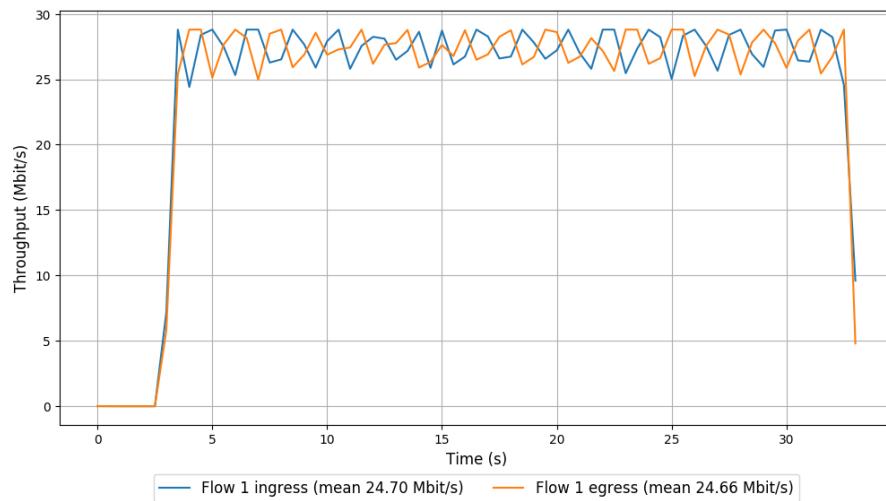
-- Flow 1:

Average throughput: 24.66 Mbit/s

95th percentile per-packet one-way delay: 36.918 ms

Loss rate: 0.43%

Run 1: Report of Saturator — Data Link

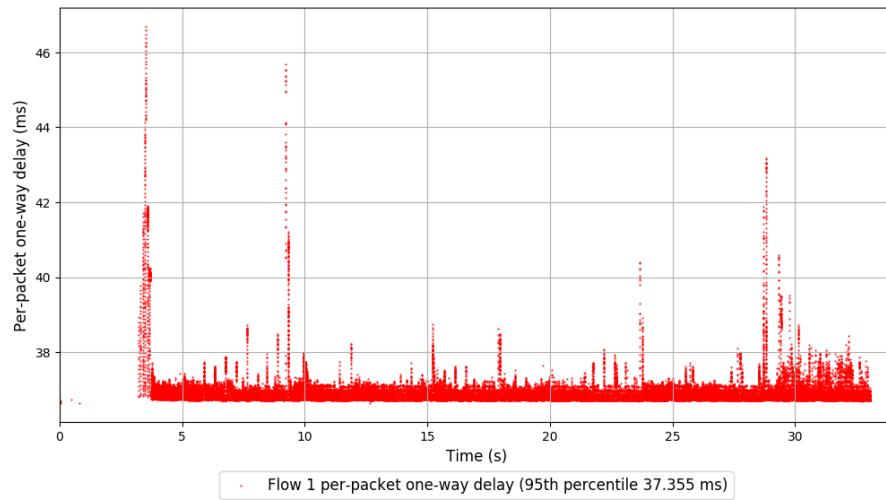
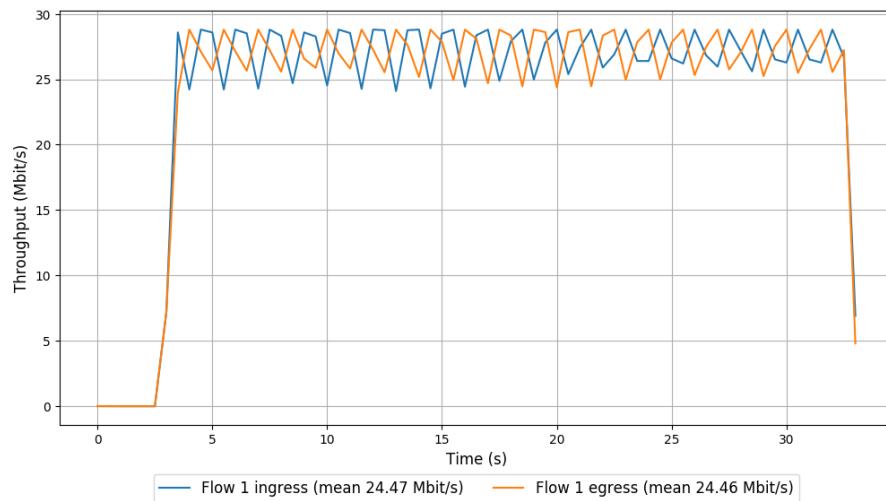


Run 2: Statistics of Saturator

```
Start at: Thu, 29 Jun 2017 22:33:34 +0000
End at: Thu, 29 Jun 2017 22:34:04 +0000
Local clock offset: -0.035 ms
Remote clock offset: -2.954 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:17:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.46 Mbit/s
95th percentile per-packet one-way delay: 37.355 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 24.46 Mbit/s
95th percentile per-packet one-way delay: 37.355 ms
Loss rate: 0.32%
```

Run 2: Report of Saturator — Data Link

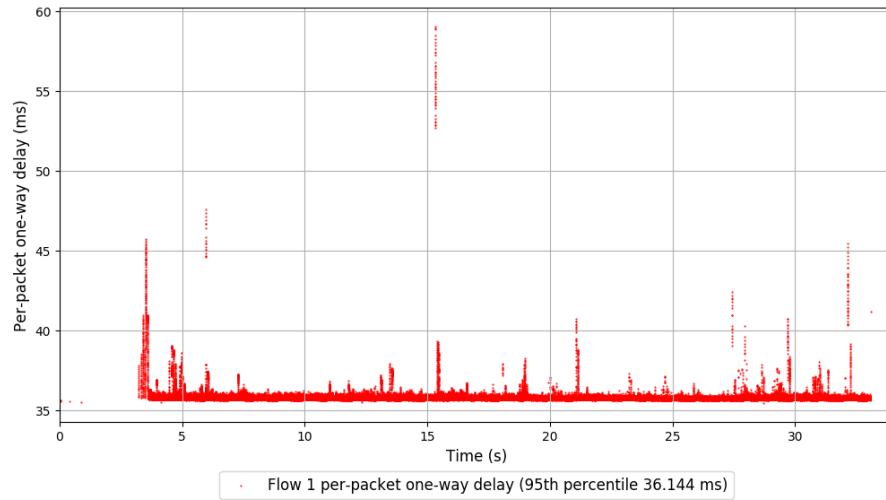
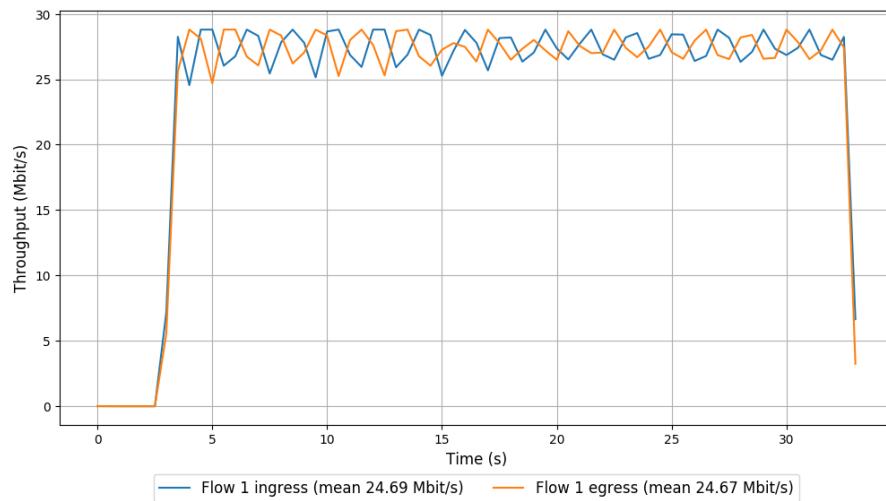


Run 3: Statistics of Saturator

```
Start at: Thu, 29 Jun 2017 22:53:15 +0000
End at: Thu, 29 Jun 2017 22:53:45 +0000
Local clock offset: 0.049 ms
Remote clock offset: -2.815 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:17:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.67 Mbit/s
95th percentile per-packet one-way delay: 36.144 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 24.67 Mbit/s
95th percentile per-packet one-way delay: 36.144 ms
Loss rate: 0.34%
```

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

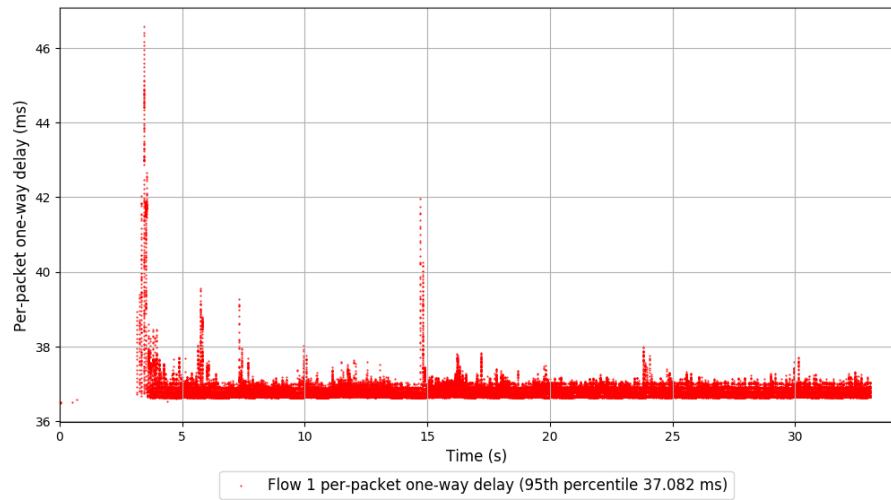
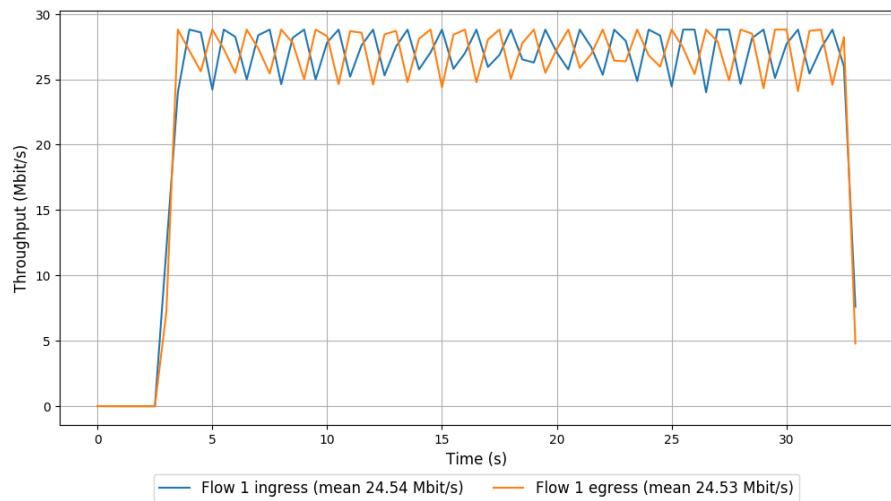


Run 4: Statistics of Saturator

```
Start at: Thu, 29 Jun 2017 23:13:02 +0000
End at: Thu, 29 Jun 2017 23:13:32 +0000
Local clock offset: -0.049 ms
Remote clock offset: -2.638 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:17:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.53 Mbit/s
95th percentile per-packet one-way delay: 37.082 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 24.53 Mbit/s
95th percentile per-packet one-way delay: 37.082 ms
Loss rate: 0.30%
```

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

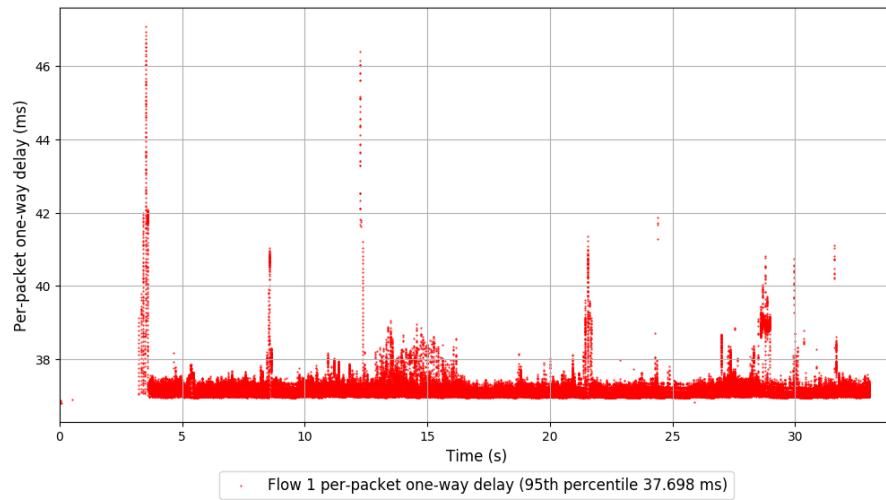
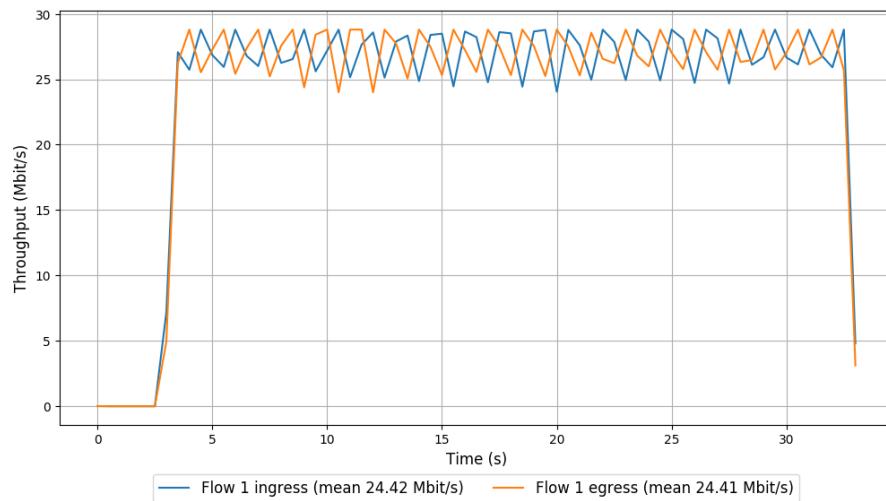


Run 5: Statistics of Saturator

```
Start at: Thu, 29 Jun 2017 23:32:50 +0000
End at: Thu, 29 Jun 2017 23:33:20 +0000
Local clock offset: -0.131 ms
Remote clock offset: -4.501 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:17:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.41 Mbit/s
95th percentile per-packet one-way delay: 37.698 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 24.41 Mbit/s
95th percentile per-packet one-way delay: 37.698 ms
Loss rate: 0.30%
```

Run 5: Report of Saturator — Data Link

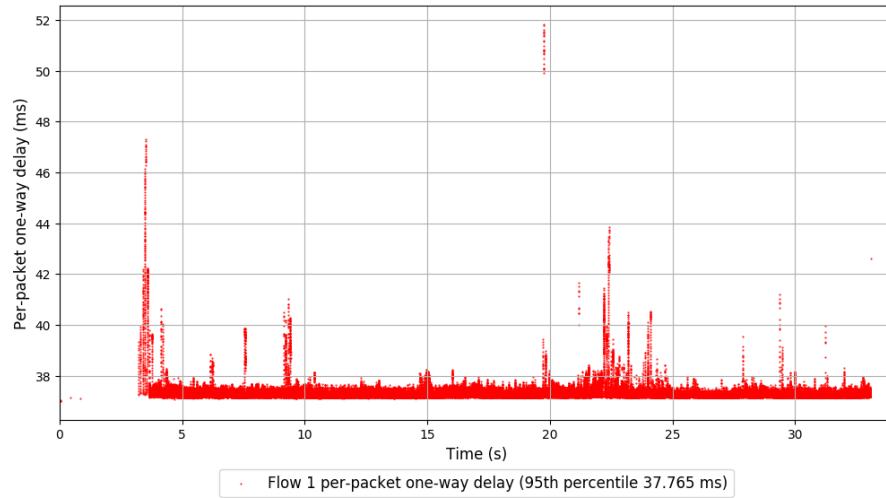
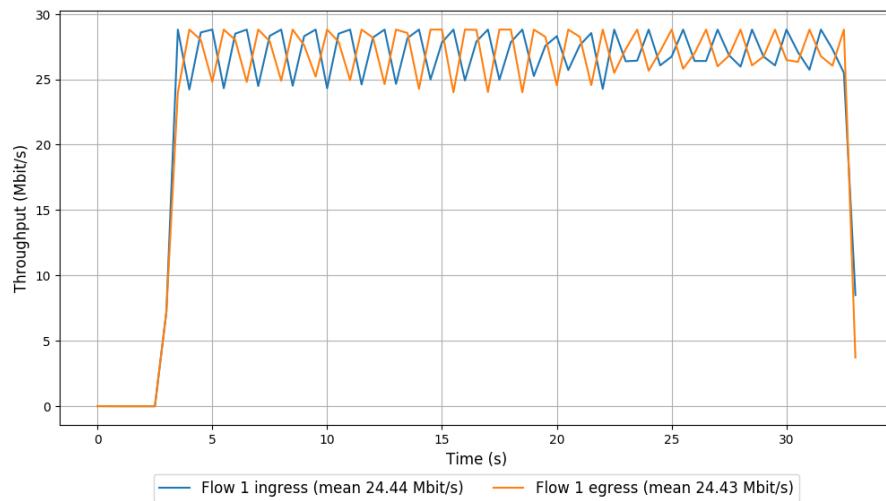


Run 6: Statistics of Saturator

```
Start at: Thu, 29 Jun 2017 23:52:41 +0000
End at: Thu, 29 Jun 2017 23:53:11 +0000
Local clock offset: -0.046 ms
Remote clock offset: -2.331 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:17:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.43 Mbit/s
95th percentile per-packet one-way delay: 37.765 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 24.43 Mbit/s
95th percentile per-packet one-way delay: 37.765 ms
Loss rate: 0.30%
```

Run 6: Report of Saturator — Data Link



Run 7: Statistics of Saturator

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

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

Local clock offset: -0.169 ms

Remote clock offset: -1.622 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:17:49 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 24.37 Mbit/s

95th percentile per-packet one-way delay: 37.904 ms

Loss rate: 0.51%

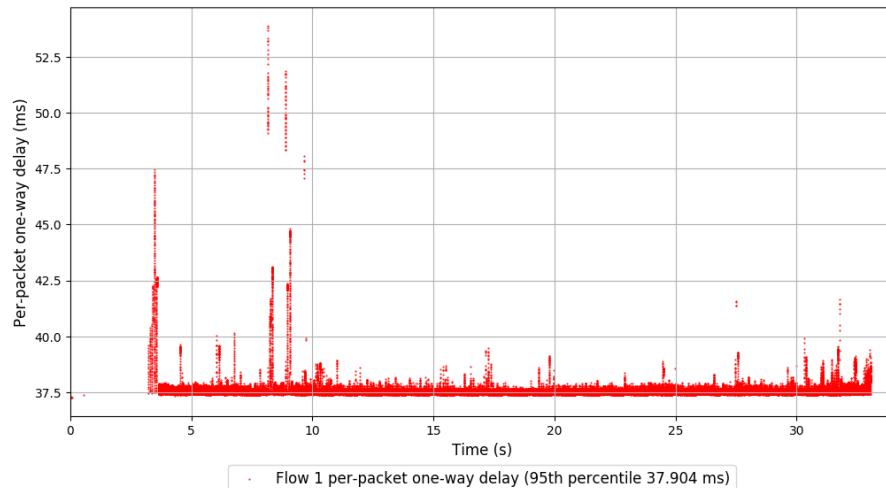
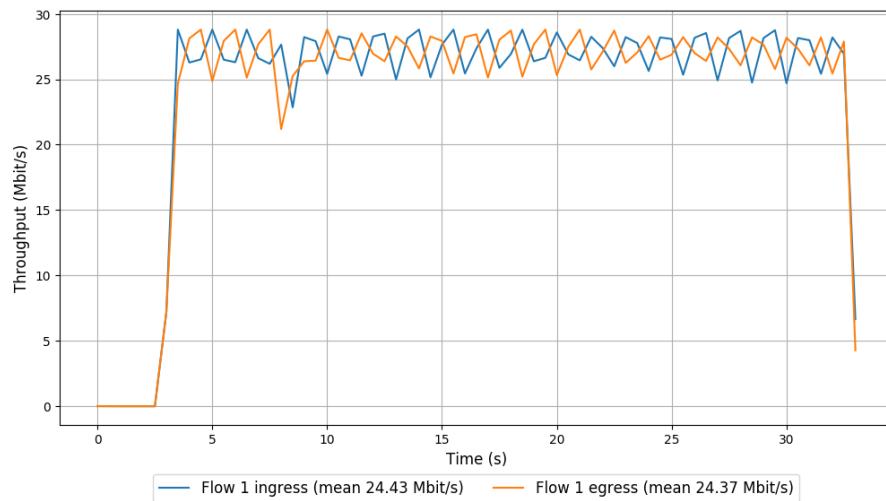
-- Flow 1:

Average throughput: 24.37 Mbit/s

95th percentile per-packet one-way delay: 37.904 ms

Loss rate: 0.51%

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

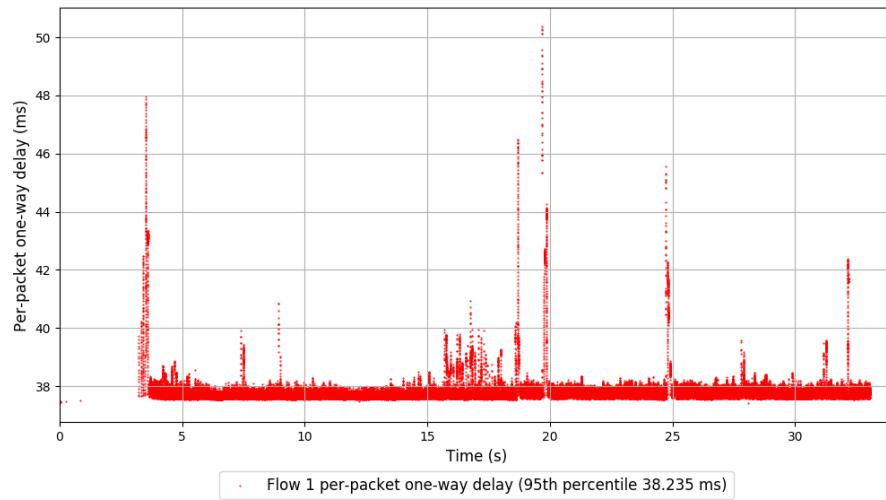
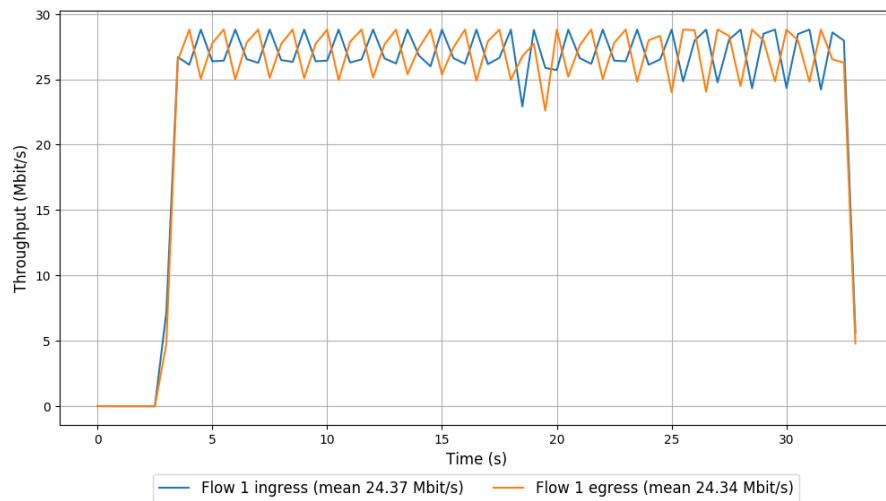


Run 8: Statistics of Saturator

```
Start at: Fri, 30 Jun 2017 00:32:15 +0000
End at: Fri, 30 Jun 2017 00:32:45 +0000
Local clock offset: -0.356 ms
Remote clock offset: -4.505 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:17:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.34 Mbit/s
95th percentile per-packet one-way delay: 38.235 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 24.34 Mbit/s
95th percentile per-packet one-way delay: 38.235 ms
Loss rate: 0.39%
```

Run 8: Report of Saturator — Data Link

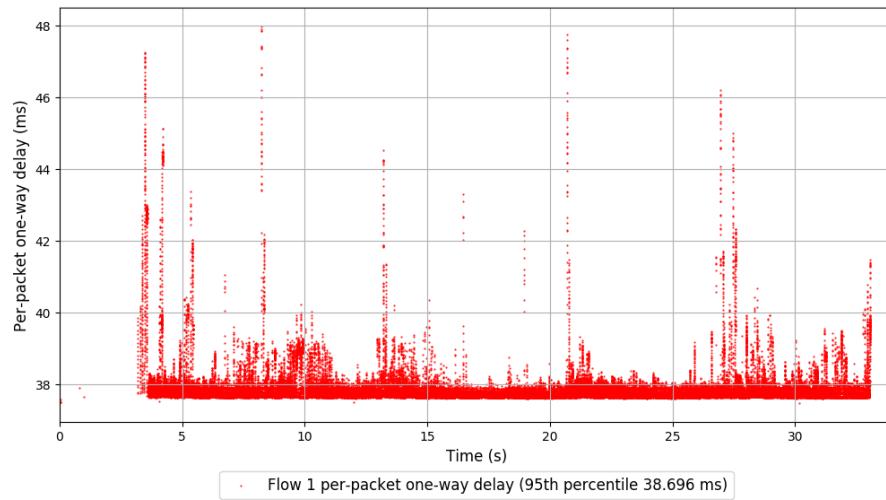
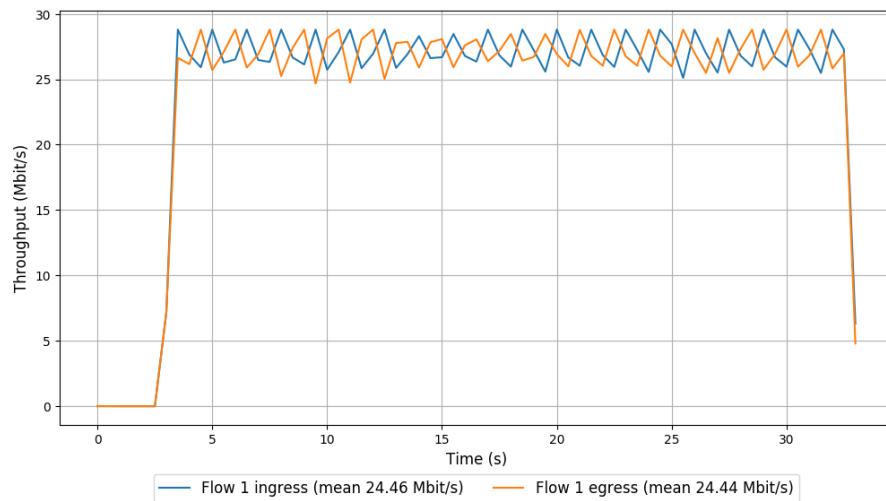


Run 9: Statistics of Saturator

```
Start at: Fri, 30 Jun 2017 00:51:56 +0000
End at: Fri, 30 Jun 2017 00:52:26 +0000
Local clock offset: -0.453 ms
Remote clock offset: -4.204 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:17:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.44 Mbit/s
95th percentile per-packet one-way delay: 38.696 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 24.44 Mbit/s
95th percentile per-packet one-way delay: 38.696 ms
Loss rate: 0.35%
```

Run 9: Report of Saturator — Data Link

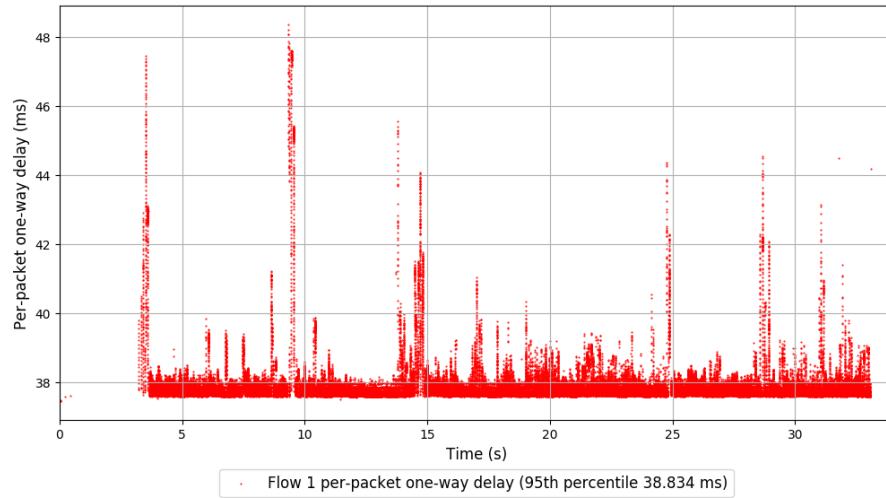
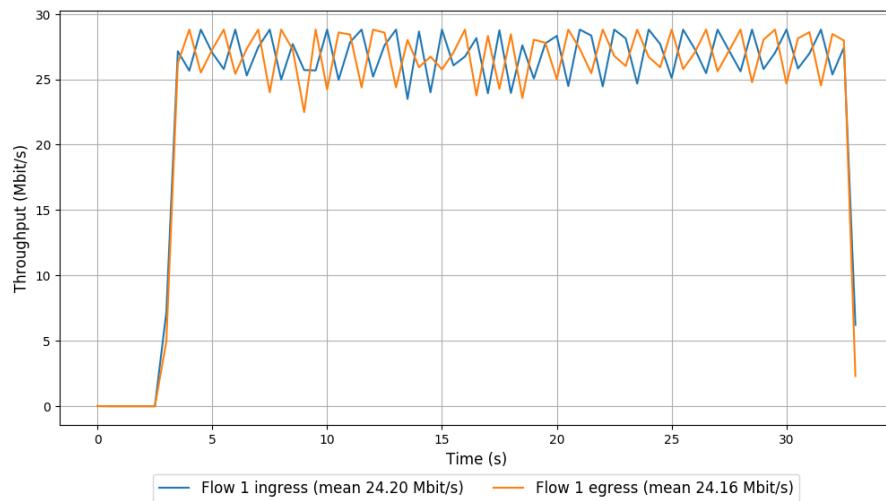


Run 10: Statistics of Saturator

```
Start at: Fri, 30 Jun 2017 01:11:42 +0000
End at: Fri, 30 Jun 2017 01:12:12 +0000
Local clock offset: -0.21 ms
Remote clock offset: -1.39 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:17:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.16 Mbit/s
95th percentile per-packet one-way delay: 38.834 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 24.16 Mbit/s
95th percentile per-packet one-way delay: 38.834 ms
Loss rate: 0.41%
```

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

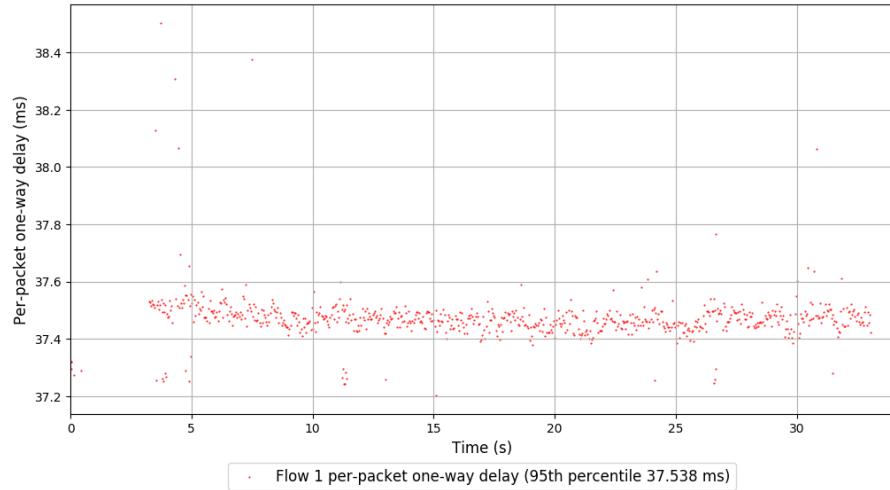
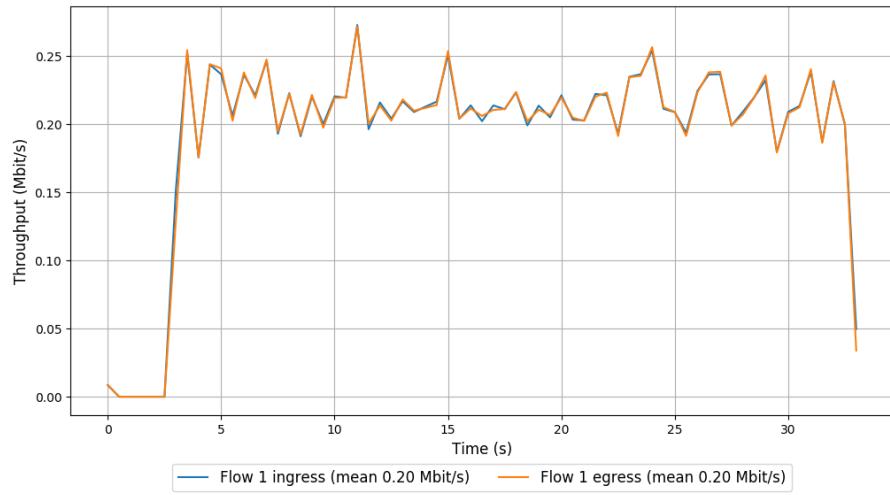


Run 1: Statistics of SCReAM

```
Start at: Thu, 29 Jun 2017 22:10:01 +0000
End at: Thu, 29 Jun 2017 22:10:31 +0000
Local clock offset: 0.061 ms
Remote clock offset: -4.333 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:17:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 37.538 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 37.538 ms
Loss rate: 0.25%
```

Run 1: Report of SCReAM — Data Link

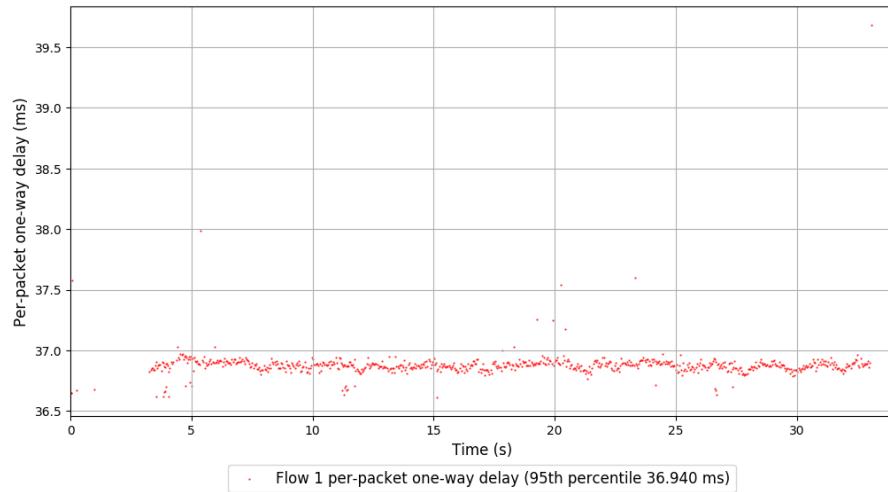
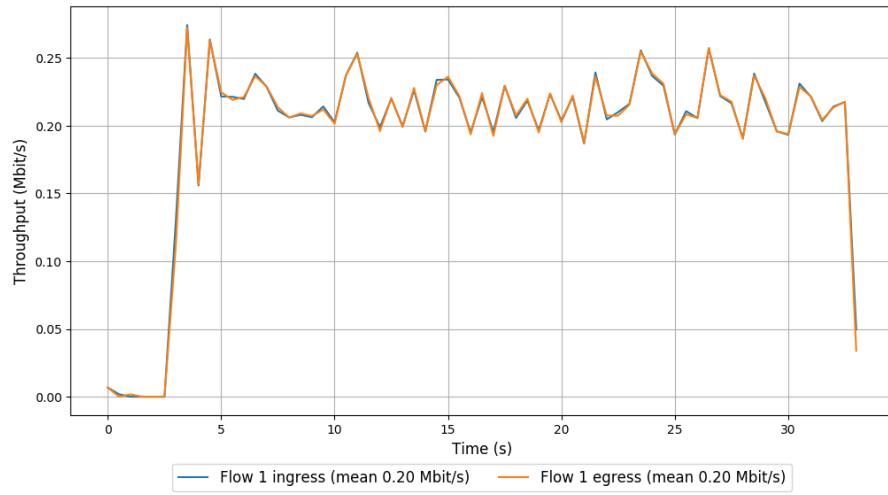


Run 2: Statistics of SCReAM

```
Start at: Thu, 29 Jun 2017 22:29:45 +0000
End at: Thu, 29 Jun 2017 22:30:15 +0000
Local clock offset: 0.032 ms
Remote clock offset: -4.641 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:17:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 36.940 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 36.940 ms
Loss rate: 0.25%
```

## Run 2: Report of SCReAM — Data Link

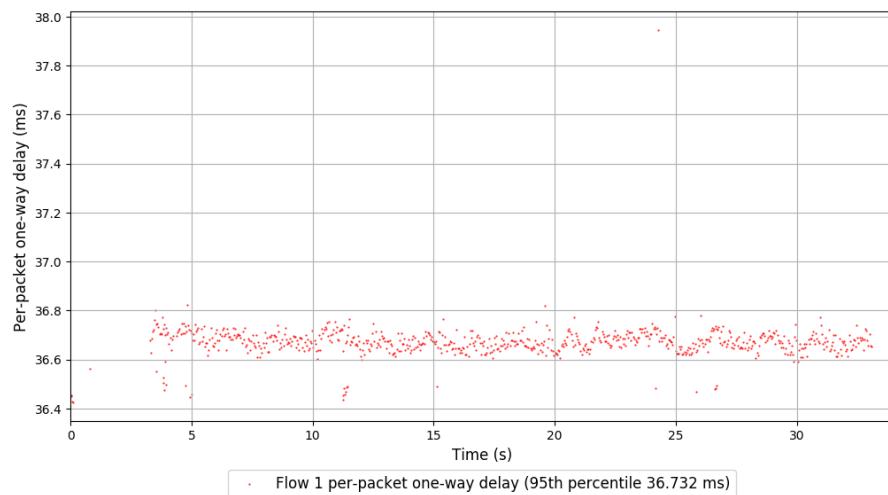
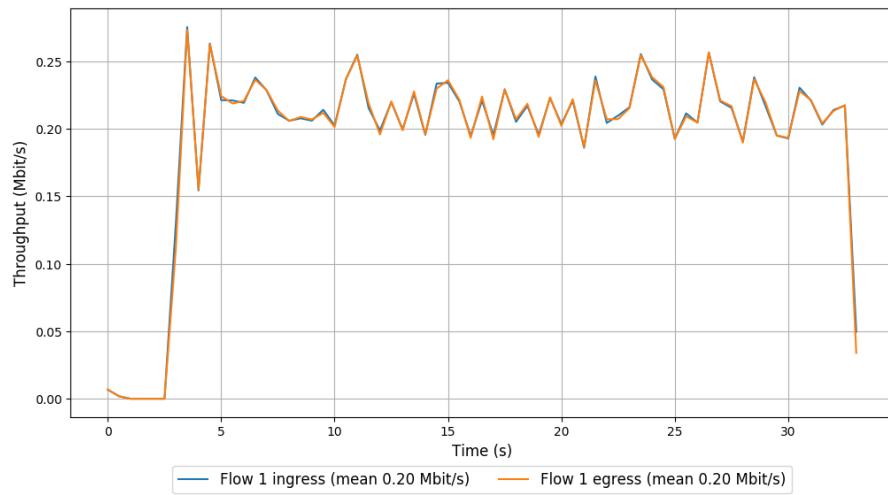


Run 3: Statistics of SCReAM

```
Start at: Thu, 29 Jun 2017 22:49:26 +0000
End at: Thu, 29 Jun 2017 22:49:56 +0000
Local clock offset: -0.034 ms
Remote clock offset: -2.691 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:17:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 36.732 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 36.732 ms
Loss rate: 0.25%
```

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

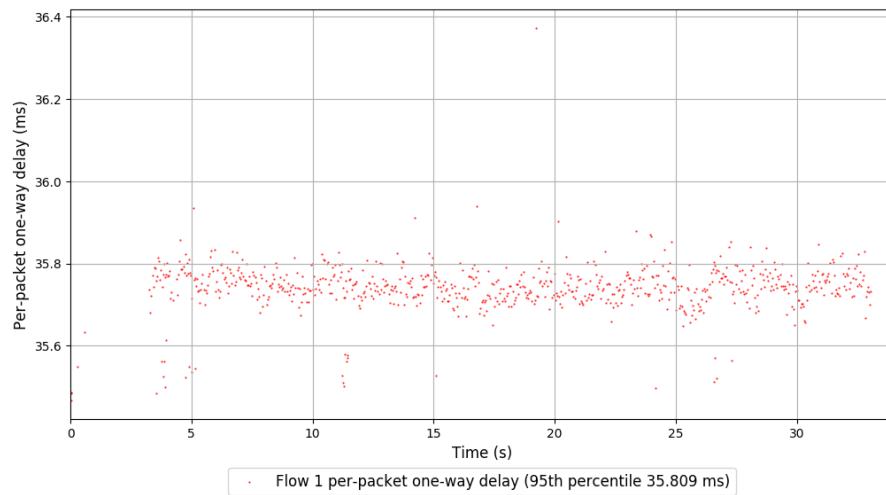
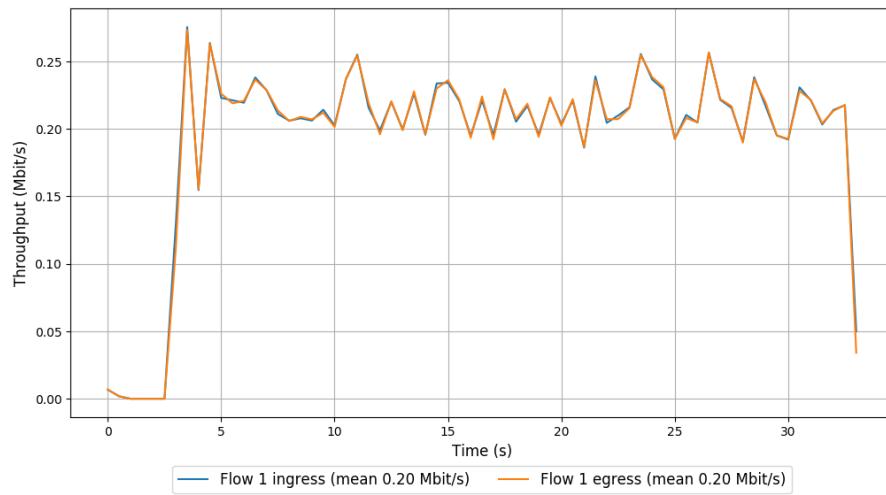


Run 4: Statistics of SCReAM

```
Start at: Thu, 29 Jun 2017 23:09:12 +0000
End at: Thu, 29 Jun 2017 23:09:42 +0000
Local clock offset: -0.038 ms
Remote clock offset: -5.251 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:17:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 35.809 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 35.809 ms
Loss rate: 0.25%
```

## Run 4: Report of SCReAM — Data Link

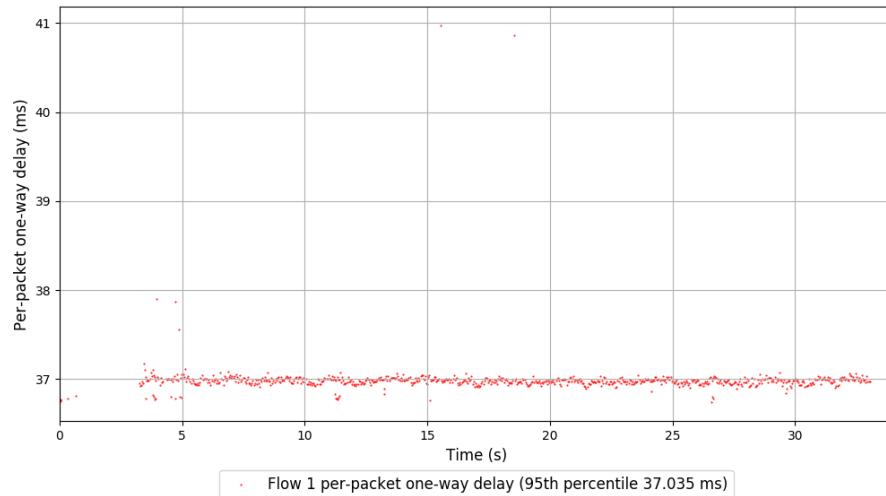
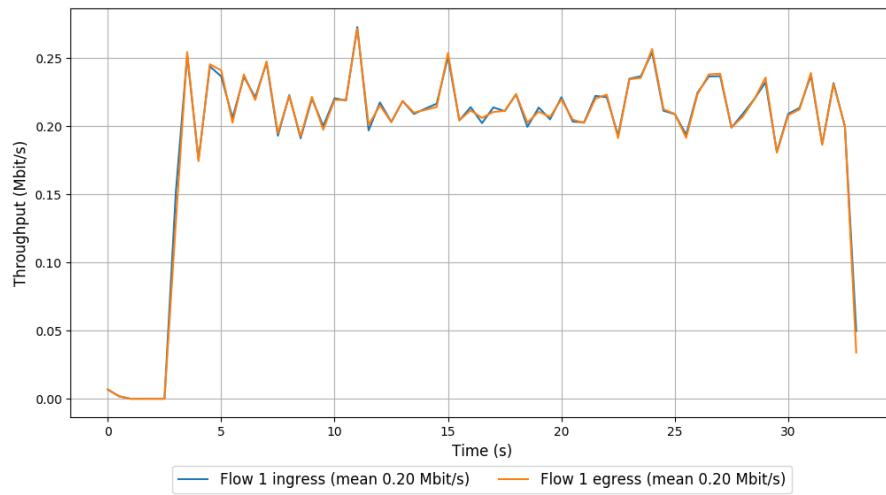


Run 5: Statistics of SCReAM

```
Start at: Thu, 29 Jun 2017 23:29:00 +0000
End at: Thu, 29 Jun 2017 23:29:30 +0000
Local clock offset: -0.107 ms
Remote clock offset: -2.865 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:17:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 37.035 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 37.035 ms
Loss rate: 0.25%
```

Run 5: Report of SCReAM — Data Link

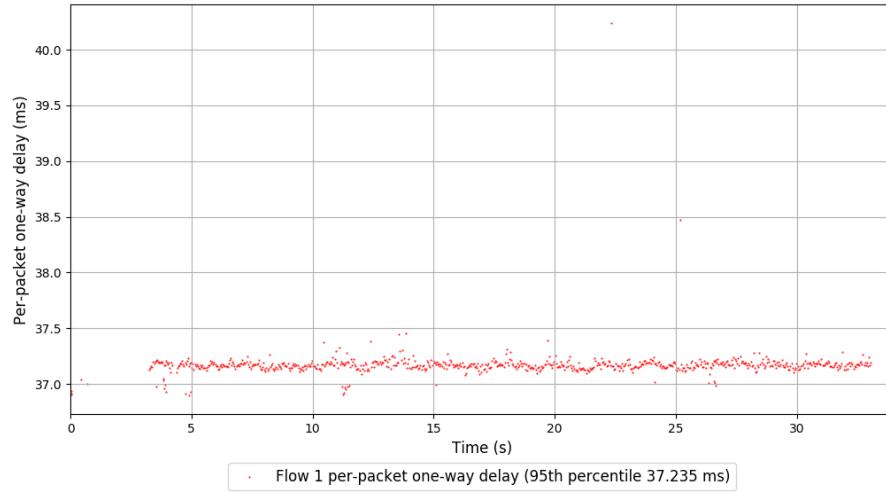
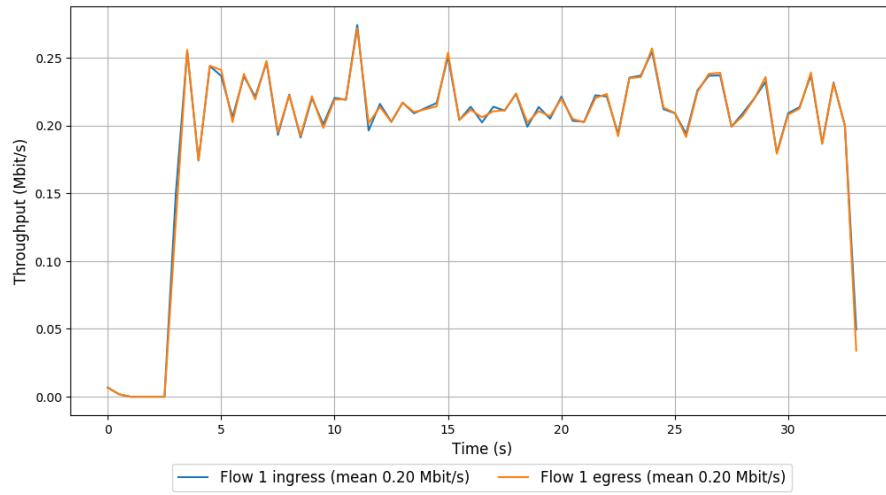


Run 6: Statistics of SCReAM

```
Start at: Thu, 29 Jun 2017 23:48:52 +0000
End at: Thu, 29 Jun 2017 23:49:22 +0000
Local clock offset: -0.132 ms
Remote clock offset: -4.442 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:17:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 37.235 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 37.235 ms
Loss rate: 0.25%
```

Run 6: Report of SCReAM — Data Link

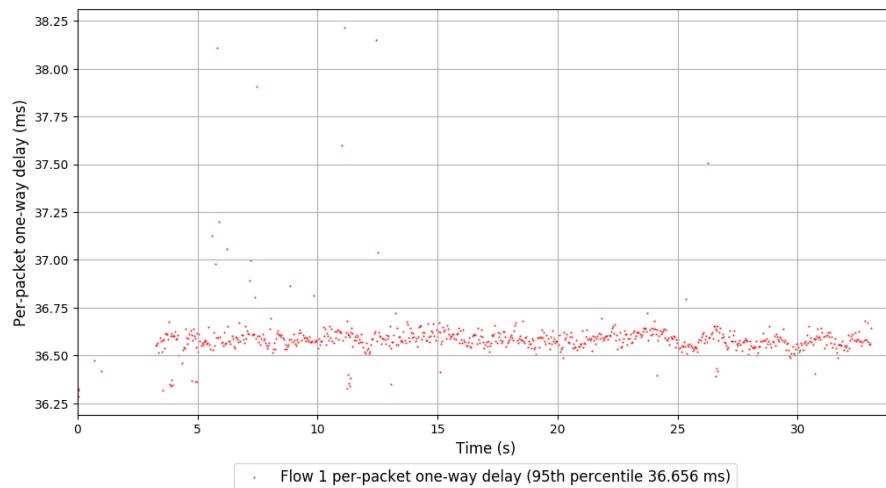
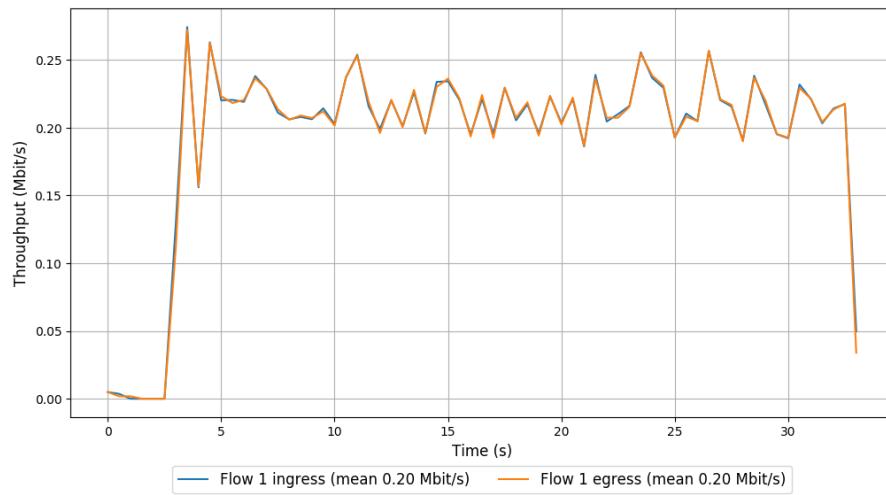


Run 7: Statistics of SCReAM

```
Start at: Fri, 30 Jun 2017 00:08:41 +0000
End at: Fri, 30 Jun 2017 00:09:11 +0000
Local clock offset: -0.225 ms
Remote clock offset: -1.795 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:17:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 36.656 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 36.656 ms
Loss rate: 0.25%
```

Run 7: Report of SCReAM — Data Link

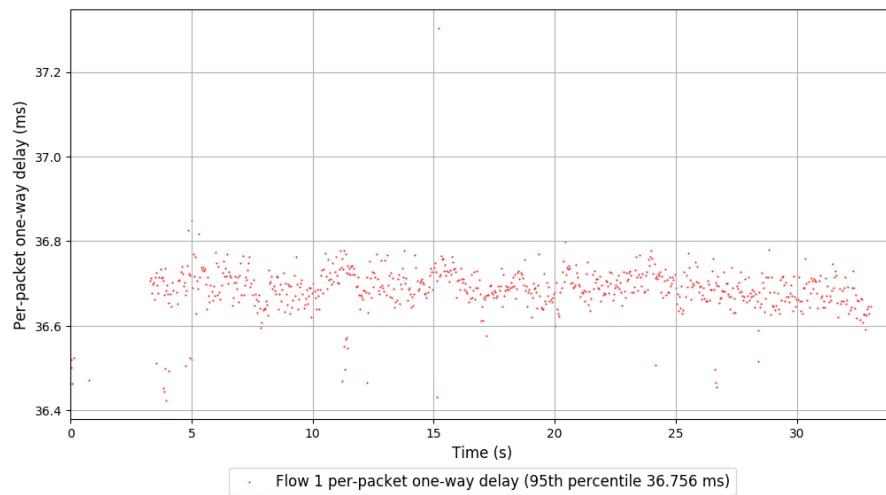
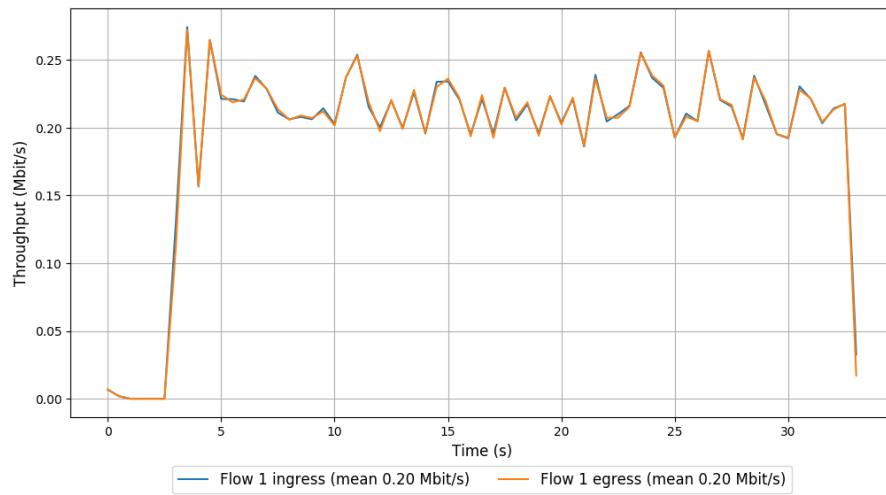


Run 8: Statistics of SCReAM

```
Start at: Fri, 30 Jun 2017 00:28:26 +0000
End at: Fri, 30 Jun 2017 00:28:56 +0000
Local clock offset: -0.34 ms
Remote clock offset: -4.165 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:18:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 36.756 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 36.756 ms
Loss rate: 0.25%
```

Run 8: Report of SCReAM — Data Link

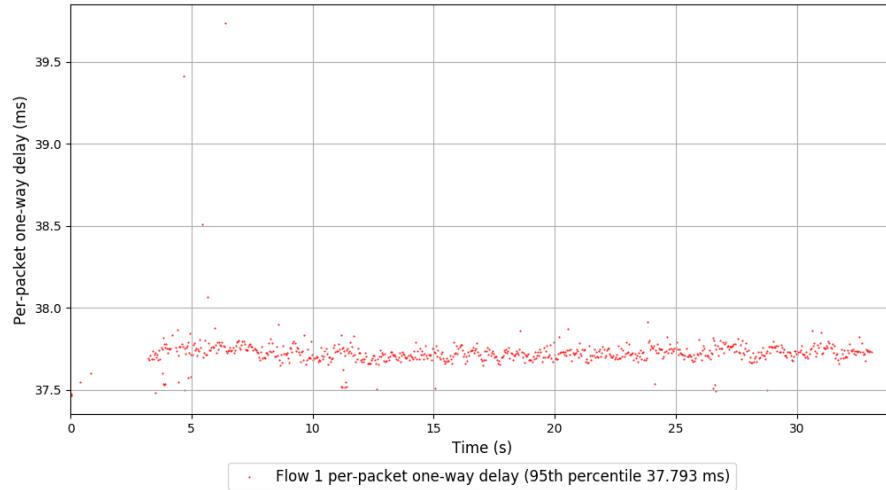
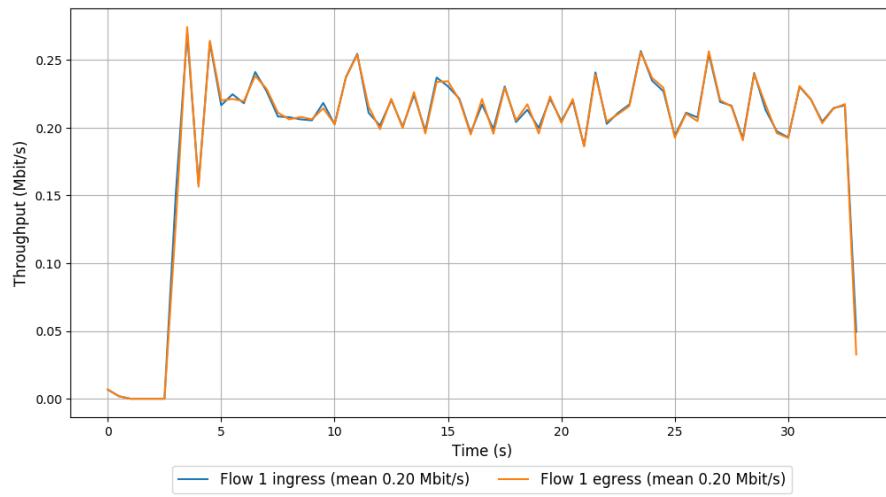


Run 9: Statistics of SCReAM

```
Start at: Fri, 30 Jun 2017 00:48:08 +0000
End at: Fri, 30 Jun 2017 00:48:38 +0000
Local clock offset: -0.383 ms
Remote clock offset: -4.607 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:18:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 37.793 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 37.793 ms
Loss rate: 0.26%
```

Run 9: Report of SCReAM — Data Link

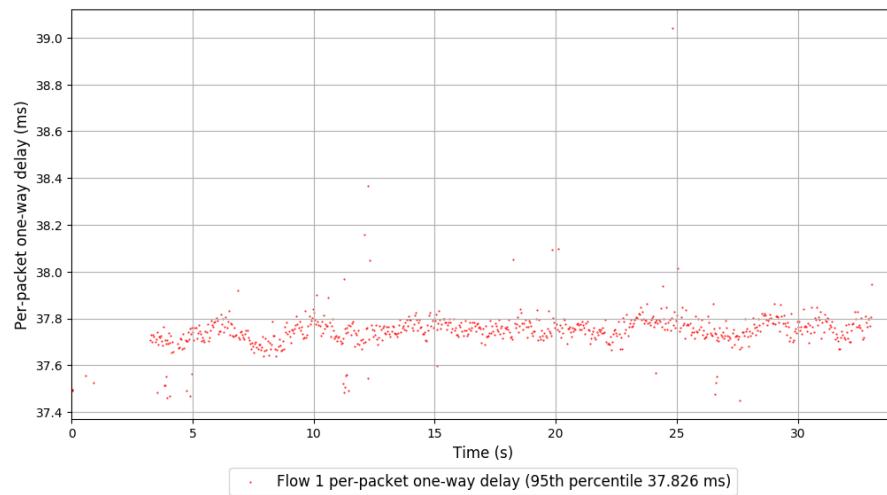
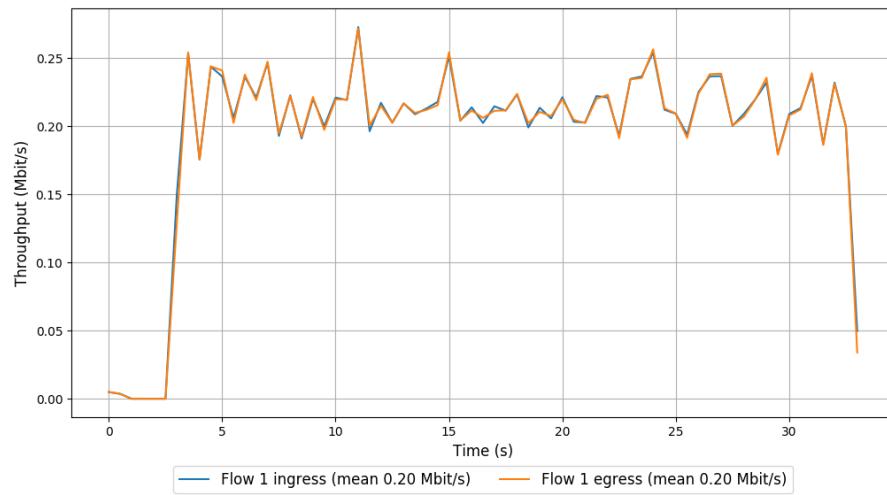


Run 10: Statistics of SCReAM

```
Start at: Fri, 30 Jun 2017 01:07:54 +0000
End at: Fri, 30 Jun 2017 01:08:24 +0000
Local clock offset: -0.291 ms
Remote clock offset: -4.007 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:18:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 37.826 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 37.826 ms
Loss rate: 0.25%
```

Run 10: Report of SCReAM — Data Link

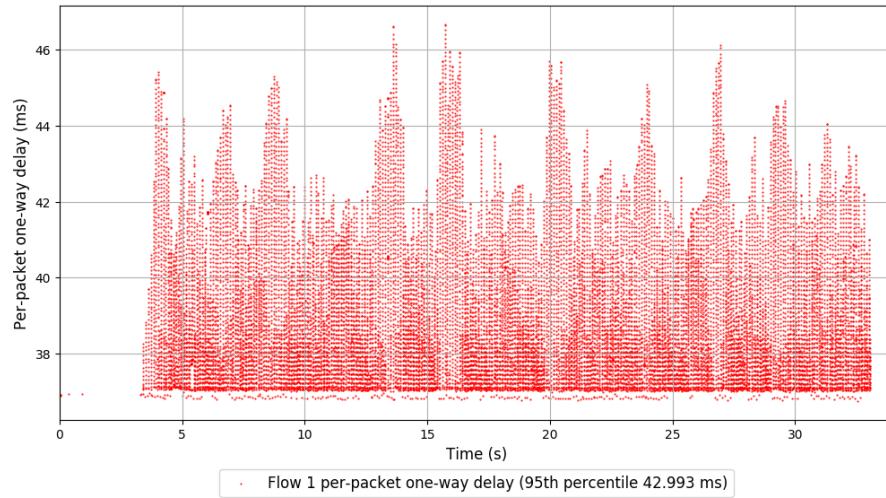
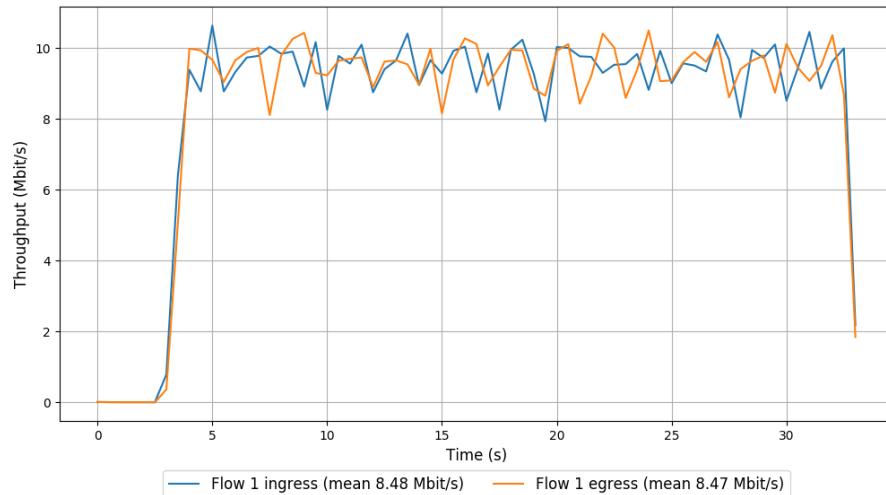


Run 1: Statistics of Sprout

```
Start at: Thu, 29 Jun 2017 22:20:29 +0000
End at: Thu, 29 Jun 2017 22:20:59 +0000
Local clock offset: 0.061 ms
Remote clock offset: -2.38 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:18:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.47 Mbit/s
95th percentile per-packet one-way delay: 42.993 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 8.47 Mbit/s
95th percentile per-packet one-way delay: 42.993 ms
Loss rate: 0.29%
```

## Run 1: Report of Sprout — Data Link

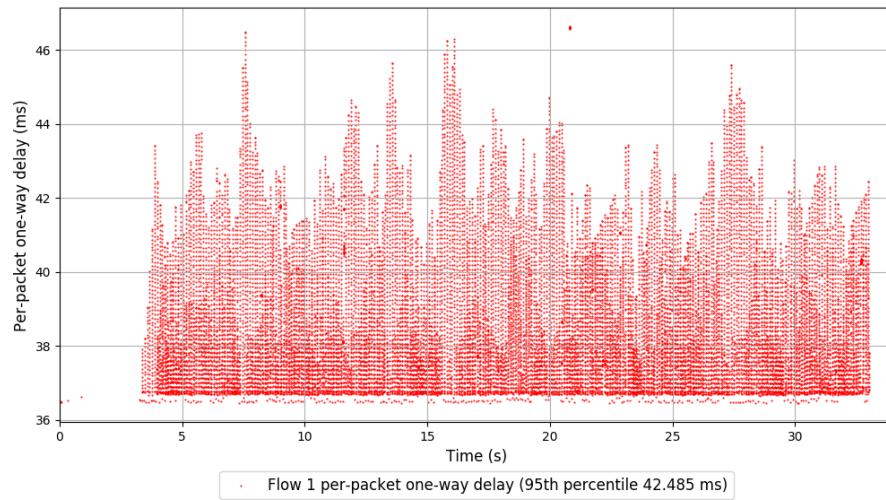
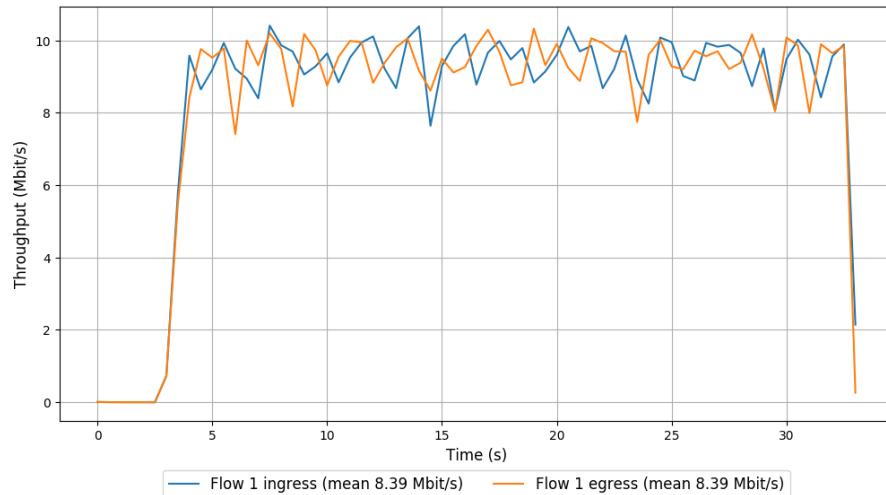


Run 2: Statistics of Sprout

```
Start at: Thu, 29 Jun 2017 22:40:11 +0000
End at: Thu, 29 Jun 2017 22:40:41 +0000
Local clock offset: -0.055 ms
Remote clock offset: -2.665 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:18:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.39 Mbit/s
95th percentile per-packet one-way delay: 42.485 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 8.39 Mbit/s
95th percentile per-packet one-way delay: 42.485 ms
Loss rate: 0.39%
```

## Run 2: Report of Sprout — Data Link

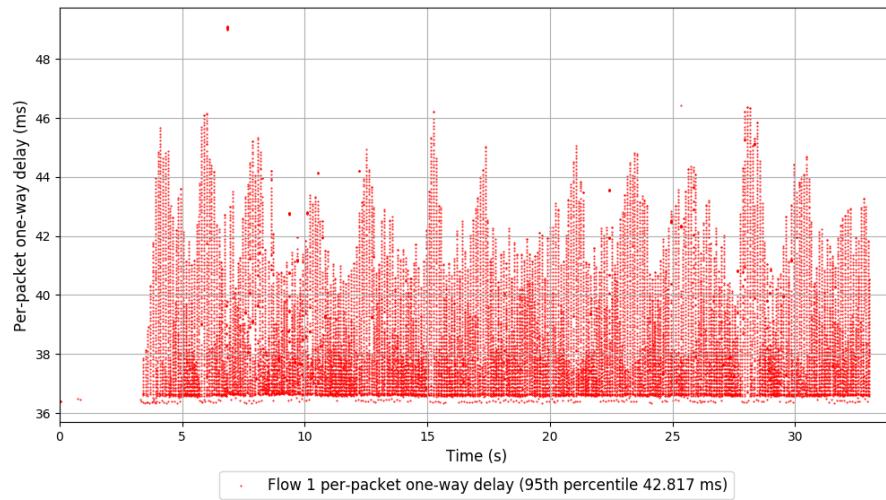
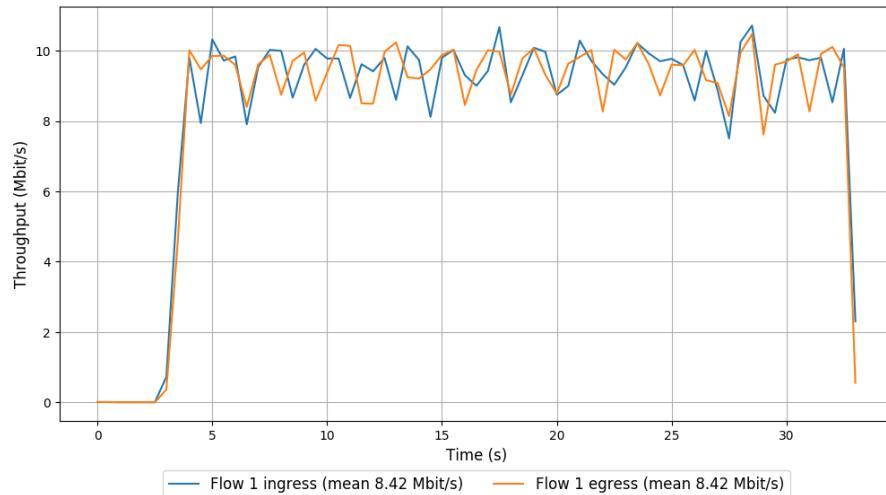


Run 3: Statistics of Sprout

```
Start at: Thu, 29 Jun 2017 22:59:56 +0000
End at: Thu, 29 Jun 2017 23:00:26 +0000
Local clock offset: -0.037 ms
Remote clock offset: -2.713 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:18:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.42 Mbit/s
95th percentile per-packet one-way delay: 42.817 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 8.42 Mbit/s
95th percentile per-packet one-way delay: 42.817 ms
Loss rate: 0.41%
```

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

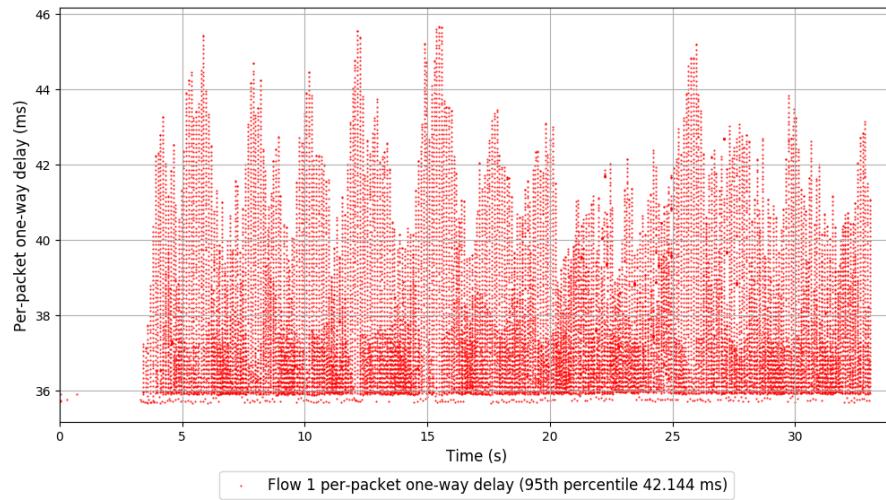
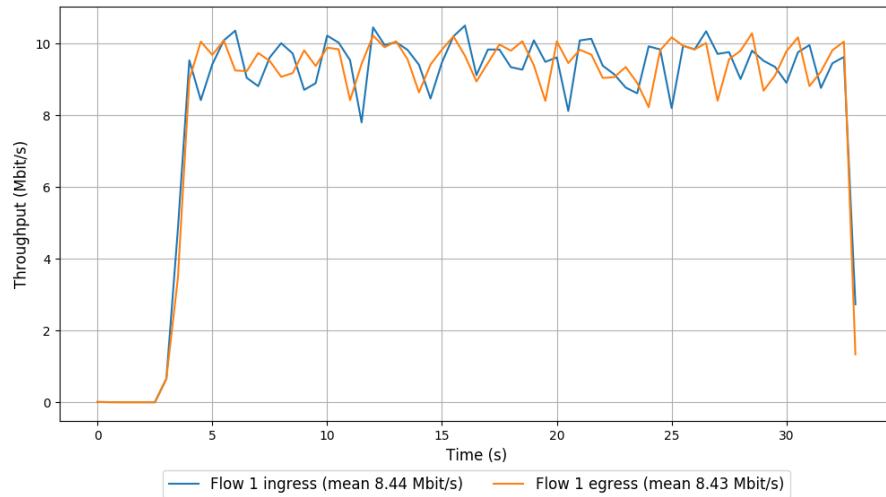


Run 4: Statistics of Sprout

```
Start at: Thu, 29 Jun 2017 23:19:41 +0000
End at: Thu, 29 Jun 2017 23:20:11 +0000
Local clock offset: 0.008 ms
Remote clock offset: -5.077 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:18:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.43 Mbit/s
95th percentile per-packet one-way delay: 42.144 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 8.43 Mbit/s
95th percentile per-packet one-way delay: 42.144 ms
Loss rate: 0.29%
```

## Run 4: Report of Sprout — Data Link

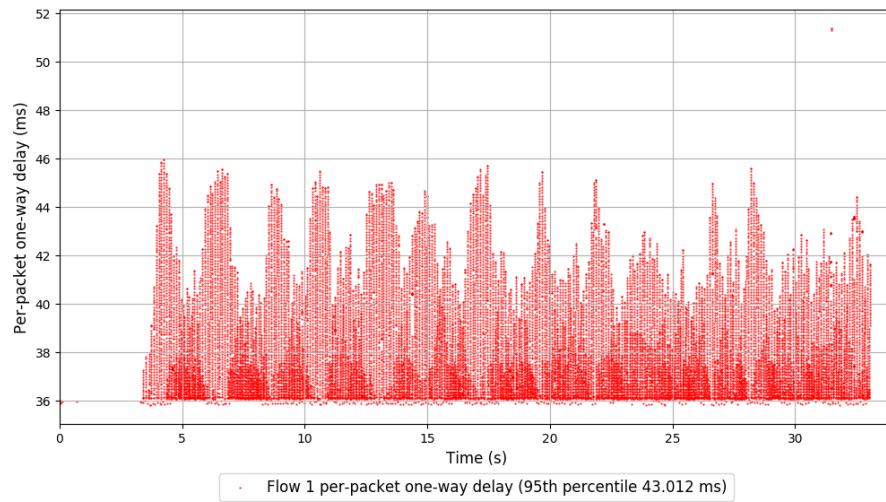
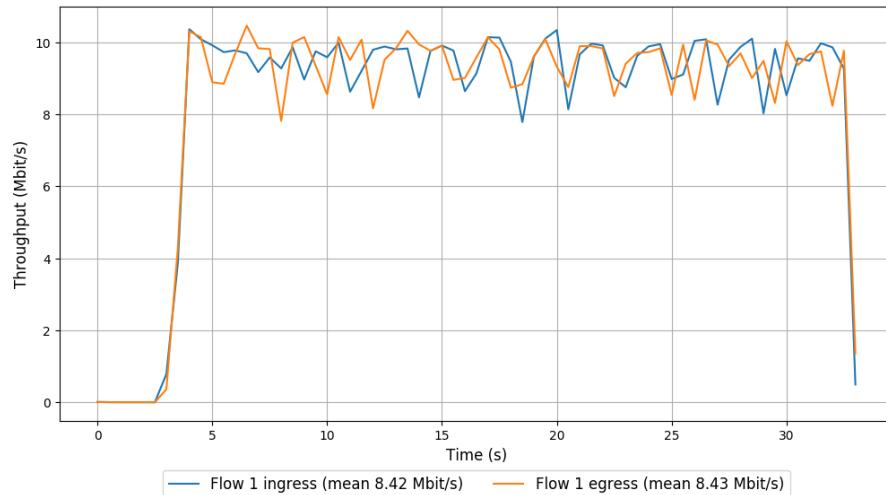


Run 5: Statistics of Sprout

```
Start at: Thu, 29 Jun 2017 23:39:31 +0000
End at: Thu, 29 Jun 2017 23:40:01 +0000
Local clock offset: -0.002 ms
Remote clock offset: -4.525 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:18:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.43 Mbit/s
95th percentile per-packet one-way delay: 43.012 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 8.43 Mbit/s
95th percentile per-packet one-way delay: 43.012 ms
Loss rate: 0.09%
```

## Run 5: Report of Sprout — Data Link

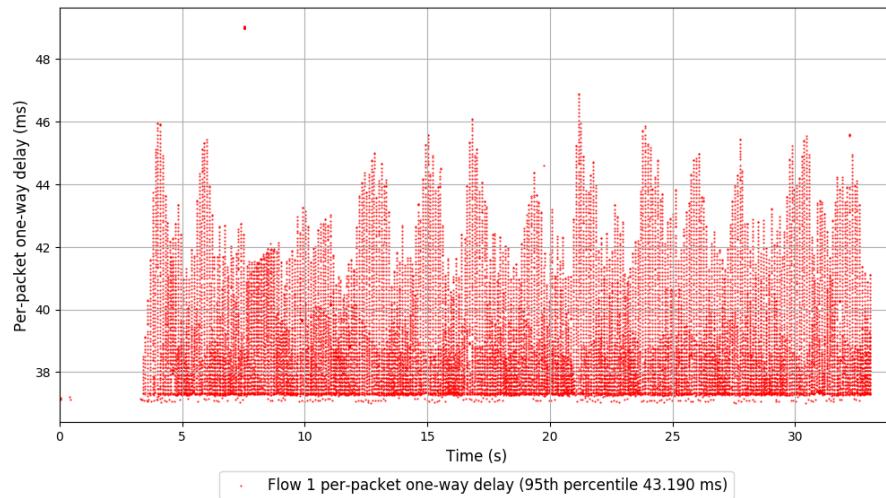
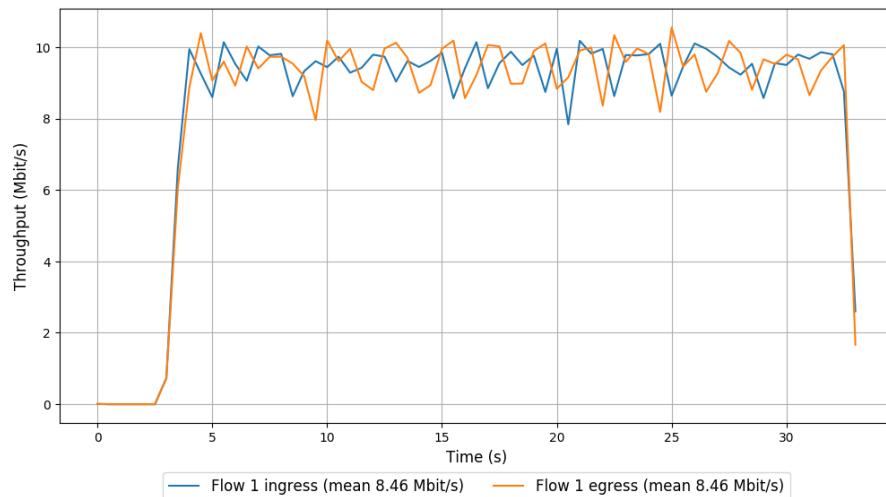


Run 6: Statistics of Sprout

```
Start at: Thu, 29 Jun 2017 23:59:21 +0000
End at: Thu, 29 Jun 2017 23:59:51 +0000
Local clock offset: -0.055 ms
Remote clock offset: -4.793 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:18:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.46 Mbit/s
95th percentile per-packet one-way delay: 43.190 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 8.46 Mbit/s
95th percentile per-packet one-way delay: 43.190 ms
Loss rate: 0.25%
```

## Run 6: Report of Sprout — Data Link

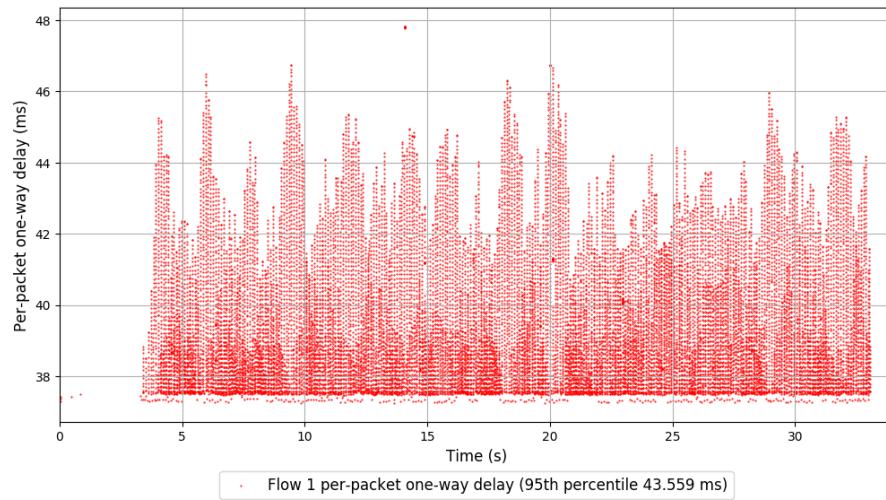
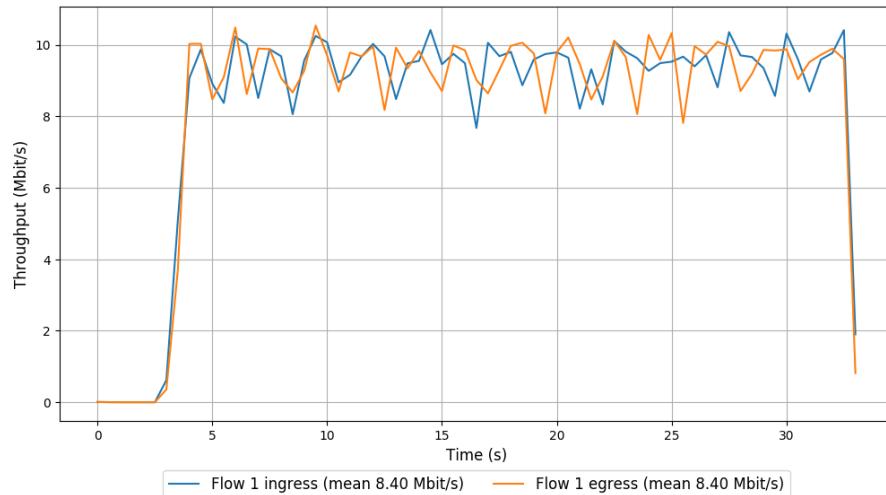


Run 7: Statistics of Sprout

```
Start at: Fri, 30 Jun 2017 00:19:07 +0000
End at: Fri, 30 Jun 2017 00:19:37 +0000
Local clock offset: -0.3 ms
Remote clock offset: -1.655 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:18:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.40 Mbit/s
95th percentile per-packet one-way delay: 43.559 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 8.40 Mbit/s
95th percentile per-packet one-way delay: 43.559 ms
Loss rate: 0.34%
```

## Run 7: Report of Sprout — Data Link

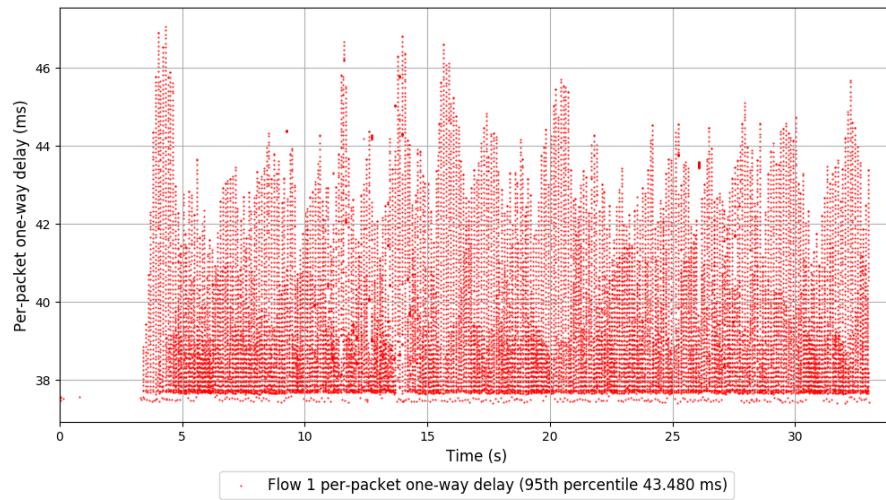
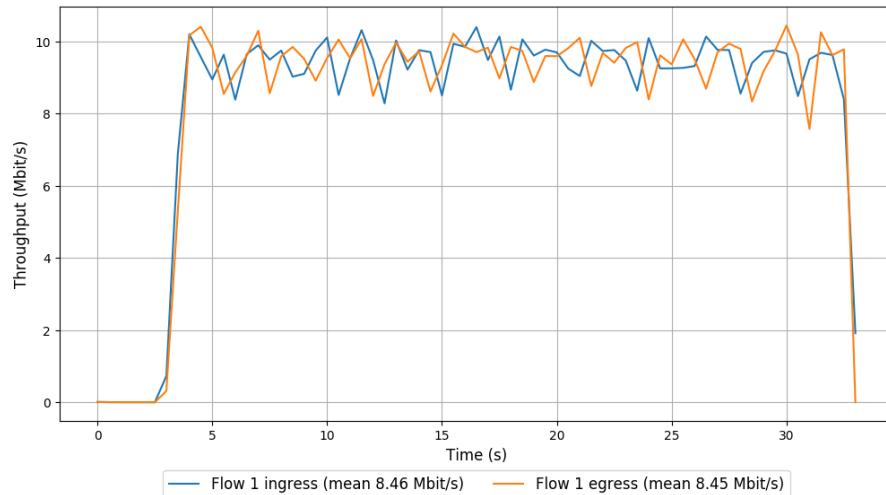


Run 8: Statistics of Sprout

```
Start at: Fri, 30 Jun 2017 00:38:52 +0000
End at: Fri, 30 Jun 2017 00:39:22 +0000
Local clock offset: -0.313 ms
Remote clock offset: -4.548 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:18:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.45 Mbit/s
95th percentile per-packet one-way delay: 43.480 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 8.45 Mbit/s
95th percentile per-packet one-way delay: 43.480 ms
Loss rate: 0.34%
```

## Run 8: Report of Sprout — Data Link

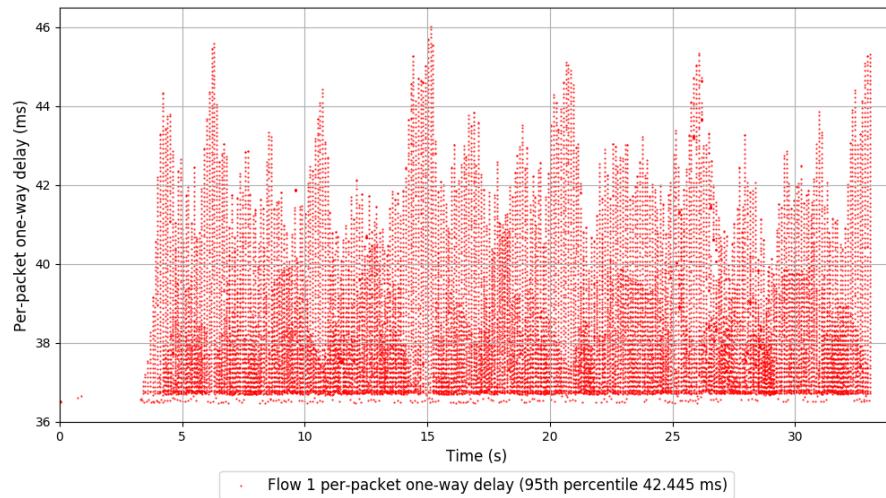
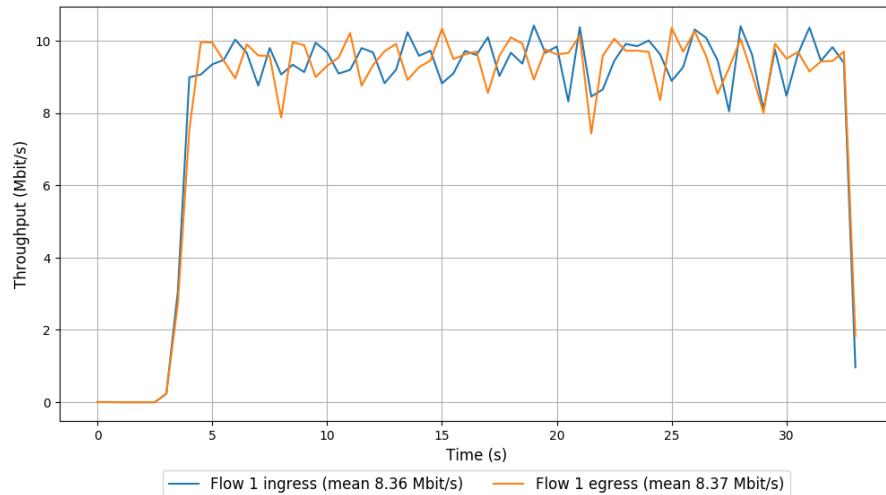


Run 9: Statistics of Sprout

```
Start at: Fri, 30 Jun 2017 00:58:37 +0000
End at: Fri, 30 Jun 2017 00:59:07 +0000
Local clock offset: -0.418 ms
Remote clock offset: -2.03 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:18:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.37 Mbit/s
95th percentile per-packet one-way delay: 42.445 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 8.37 Mbit/s
95th percentile per-packet one-way delay: 42.445 ms
Loss rate: 0.08%
```

## Run 9: Report of Sprout — Data Link

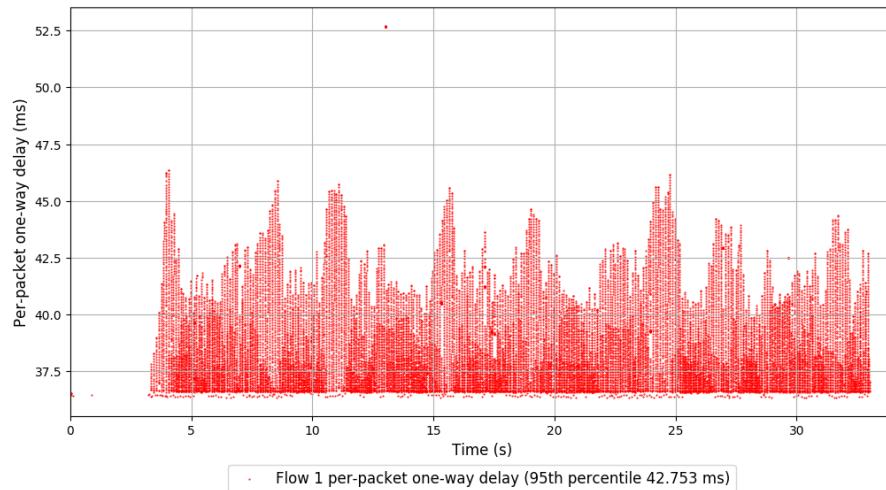
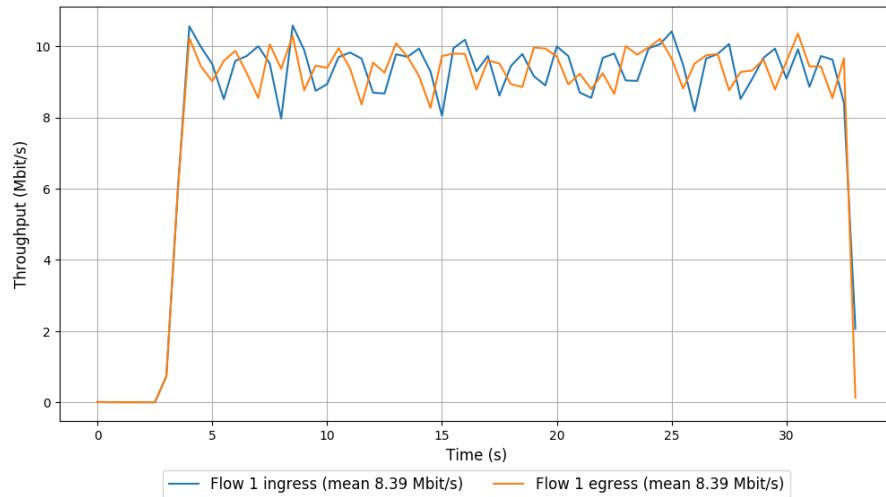


Run 10: Statistics of Sprout

```
Start at: Fri, 30 Jun 2017 01:18:21 +0000
End at: Fri, 30 Jun 2017 01:18:51 +0000
Local clock offset: -0.104 ms
Remote clock offset: -4.263 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:18:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.39 Mbit/s
95th percentile per-packet one-way delay: 42.753 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 8.39 Mbit/s
95th percentile per-packet one-way delay: 42.753 ms
Loss rate: 0.37%
```

## Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: Thu, 29 Jun 2017 22:23:01 +0000

End at: Thu, 29 Jun 2017 22:23:31 +0000

Local clock offset: -0.041 ms

Remote clock offset: -2.447 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:18:29 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 63.25 Mbit/s

95th percentile per-packet one-way delay: 46.194 ms

Loss rate: 0.83%

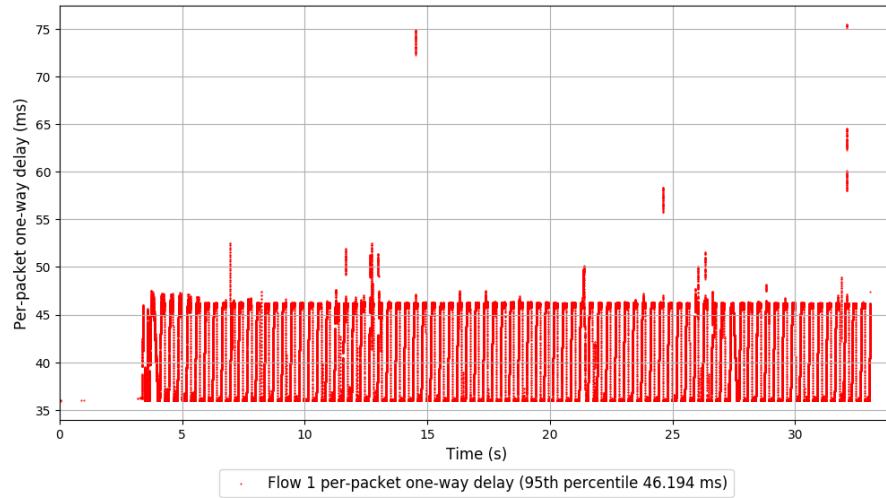
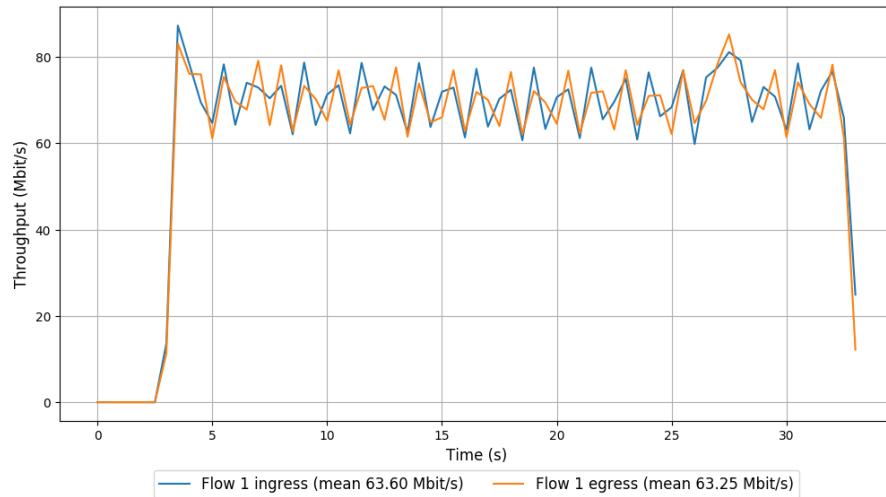
-- Flow 1:

Average throughput: 63.25 Mbit/s

95th percentile per-packet one-way delay: 46.194 ms

Loss rate: 0.83%

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

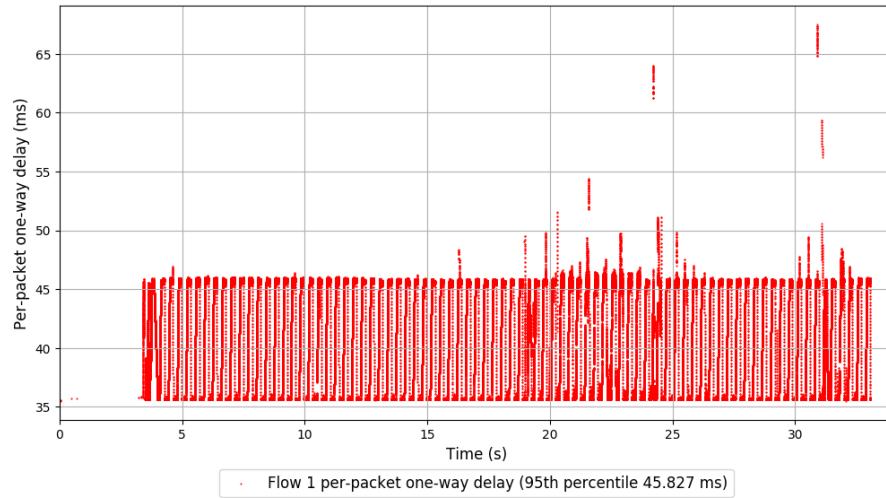
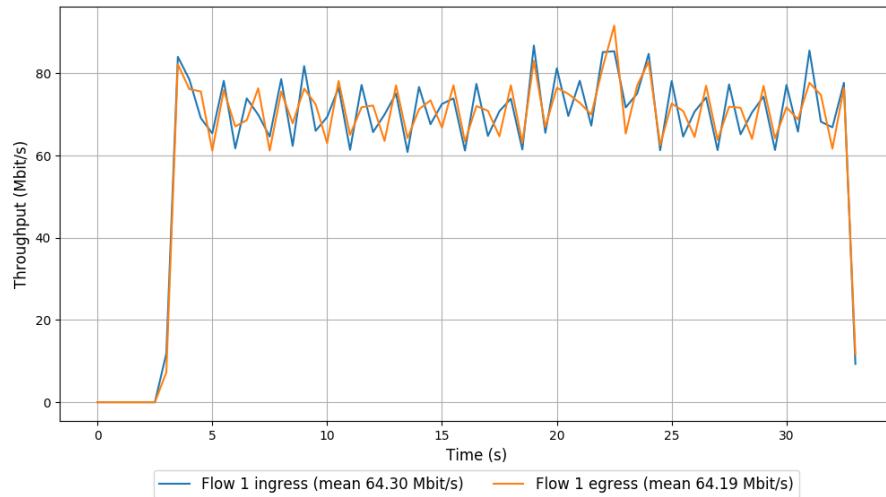


Run 2: Statistics of TaoVA-100x

```
Start at: Thu, 29 Jun 2017 22:42:43 +0000
End at: Thu, 29 Jun 2017 22:43:13 +0000
Local clock offset: -0.004 ms
Remote clock offset: -4.746 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:18:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 64.19 Mbit/s
95th percentile per-packet one-way delay: 45.827 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 64.19 Mbit/s
95th percentile per-packet one-way delay: 45.827 ms
Loss rate: 0.44%
```

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

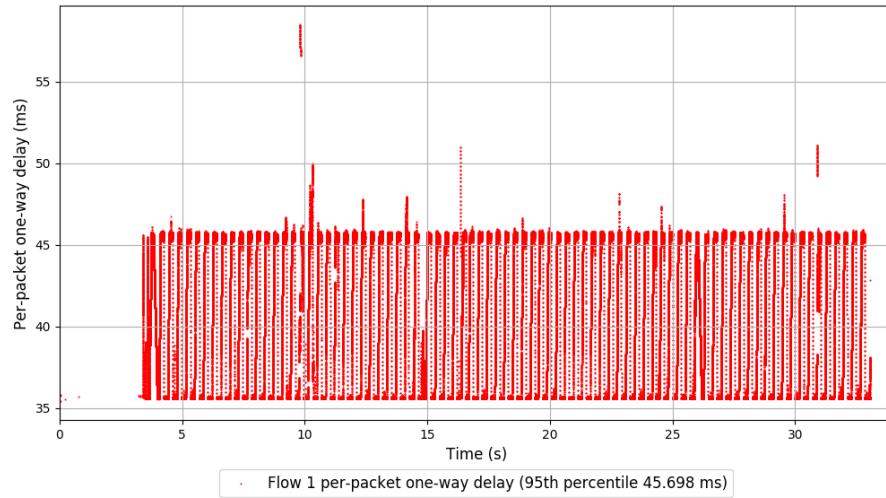
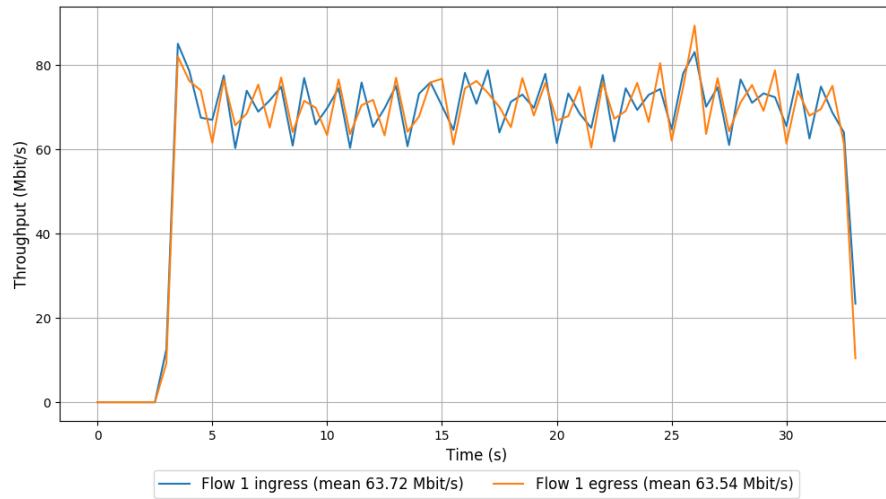


Run 3: Statistics of TaoVA-100x

```
Start at: Thu, 29 Jun 2017 23:02:29 +0000
End at: Thu, 29 Jun 2017 23:02:59 +0000
Local clock offset: -0.045 ms
Remote clock offset: -3.232 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:18:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 63.54 Mbit/s
95th percentile per-packet one-way delay: 45.698 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 63.54 Mbit/s
95th percentile per-packet one-way delay: 45.698 ms
Loss rate: 0.54%
```

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

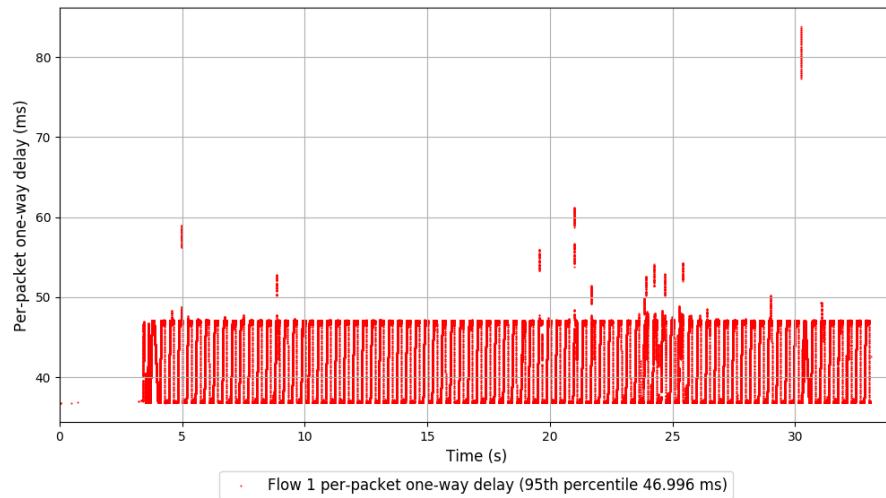
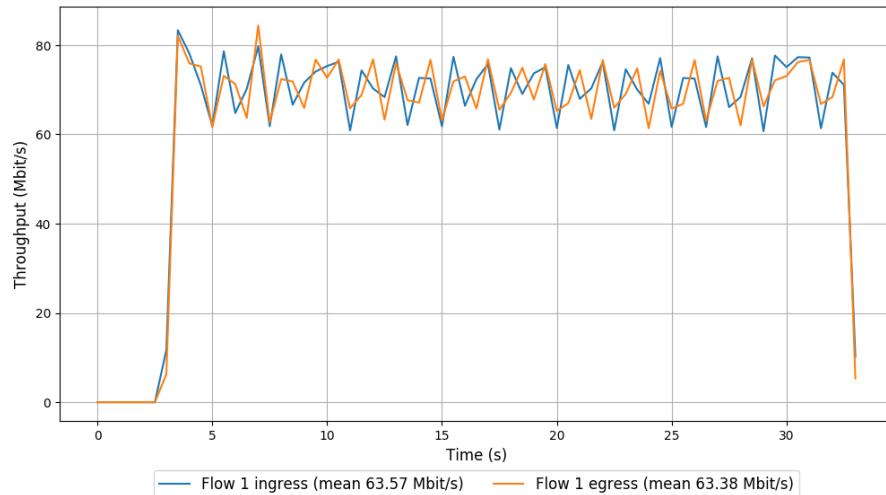


Run 4: Statistics of TaoVA-100x

```
Start at: Thu, 29 Jun 2017 23:22:14 +0000
End at: Thu, 29 Jun 2017 23:22:44 +0000
Local clock offset: -0.038 ms
Remote clock offset: -2.466 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:18:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 63.38 Mbit/s
95th percentile per-packet one-way delay: 46.996 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 63.38 Mbit/s
95th percentile per-packet one-way delay: 46.996 ms
Loss rate: 0.56%
```

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

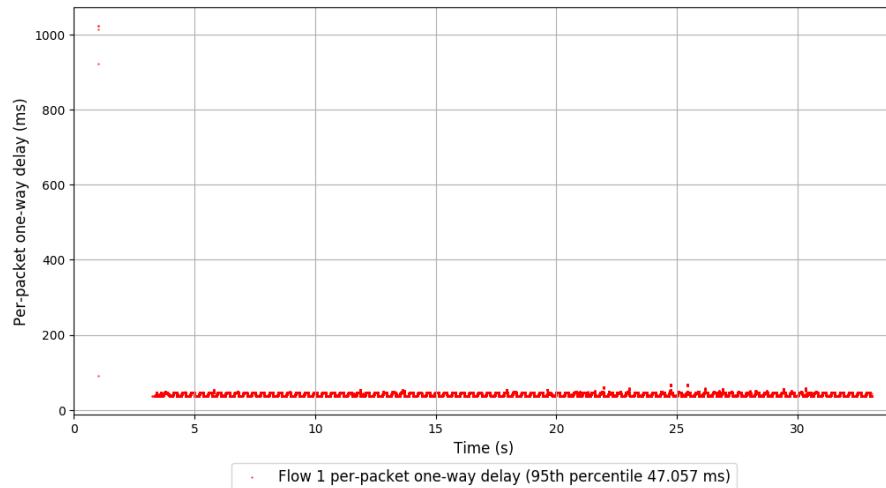
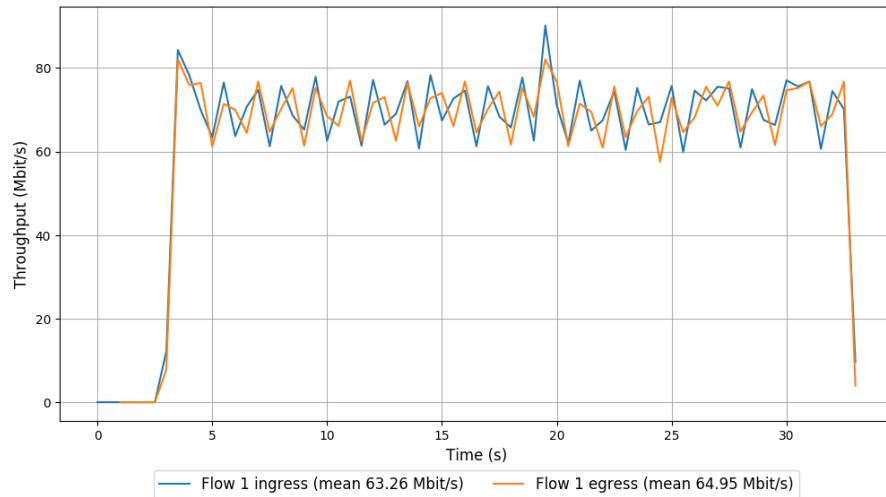


Run 5: Statistics of TaoVA-100x

```
Start at: Thu, 29 Jun 2017 23:42:04 +0000
End at: Thu, 29 Jun 2017 23:42:34 +0000
Local clock offset: -0.105 ms
Remote clock offset: -2.485 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:19:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 64.95 Mbit/s
95th percentile per-packet one-way delay: 47.057 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 64.95 Mbit/s
95th percentile per-packet one-way delay: 47.057 ms
Loss rate: 0.65%
```

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

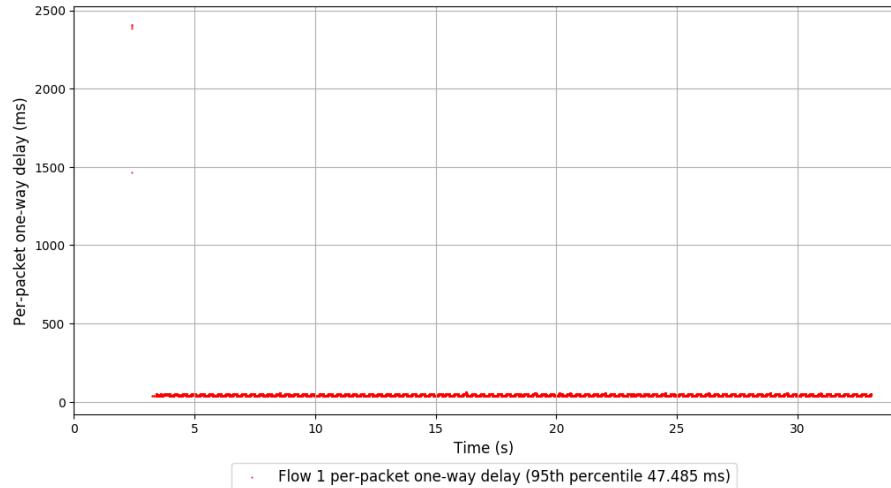
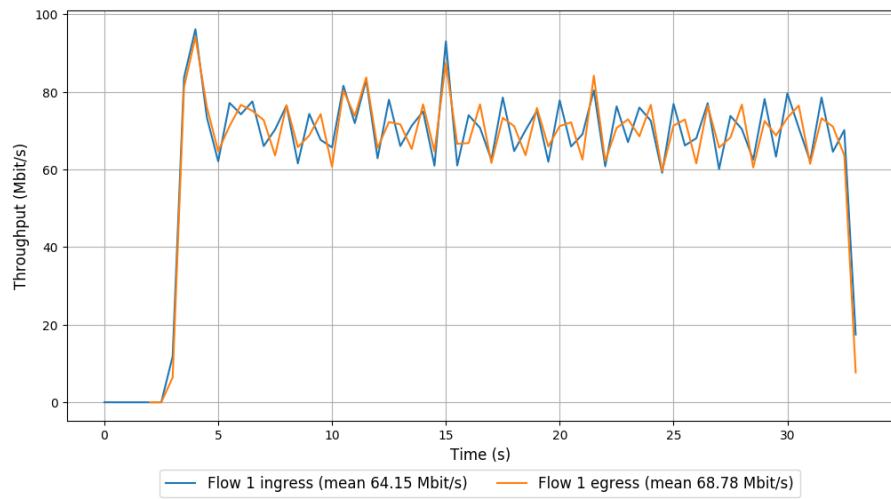


Run 6: Statistics of TaoVA-100x

```
Start at: Fri, 30 Jun 2017 00:01:54 +0000
End at: Fri, 30 Jun 2017 00:02:24 +0000
Local clock offset: -0.193 ms
Remote clock offset: -4.652 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:19:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 68.78 Mbit/s
95th percentile per-packet one-way delay: 47.485 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 68.78 Mbit/s
95th percentile per-packet one-way delay: 47.485 ms
Loss rate: 0.76%
```

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



Run 7: Statistics of TaoVA-100x

Start at: Fri, 30 Jun 2017 00:21:40 +0000

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

Local clock offset: -0.326 ms

Remote clock offset: -2.22 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:19:21 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 66.77 Mbit/s

95th percentile per-packet one-way delay: 47.624 ms

Loss rate: 0.39%

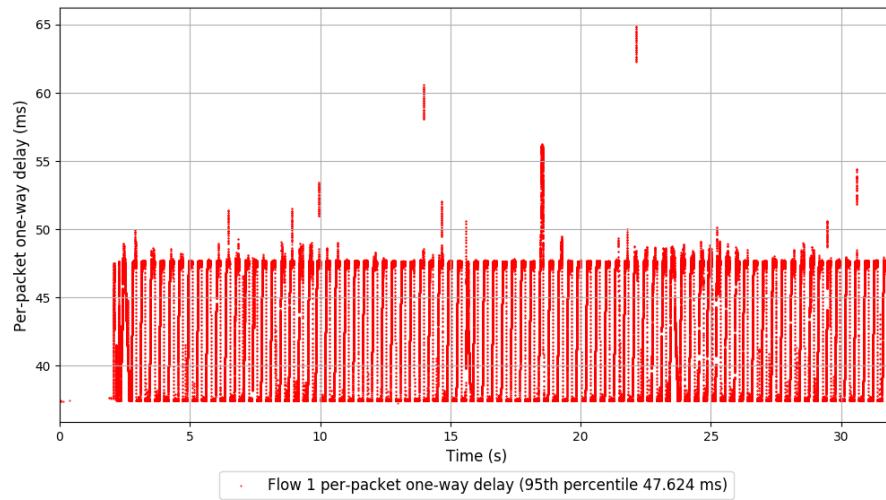
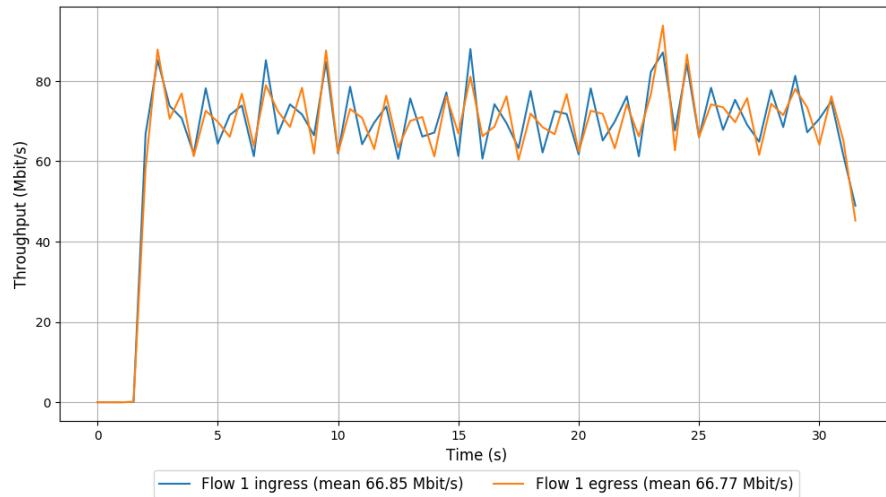
-- Flow 1:

Average throughput: 66.77 Mbit/s

95th percentile per-packet one-way delay: 47.624 ms

Loss rate: 0.39%

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



Run 8: Statistics of TaoVA-100x

Start at: Fri, 30 Jun 2017 00:41:24 +0000

End at: Fri, 30 Jun 2017 00:41:54 +0000

Local clock offset: -0.422 ms

Remote clock offset: -1.672 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:19:22 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 63.53 Mbit/s

95th percentile per-packet one-way delay: 46.701 ms

Loss rate: 0.73%

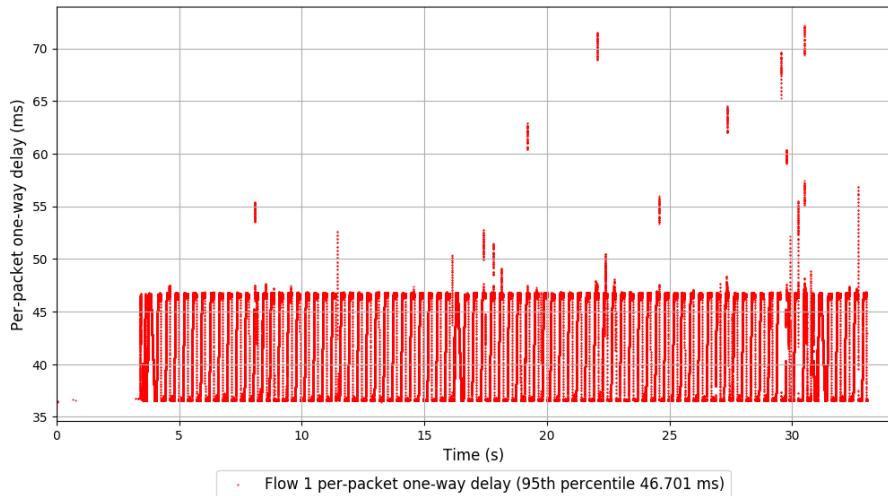
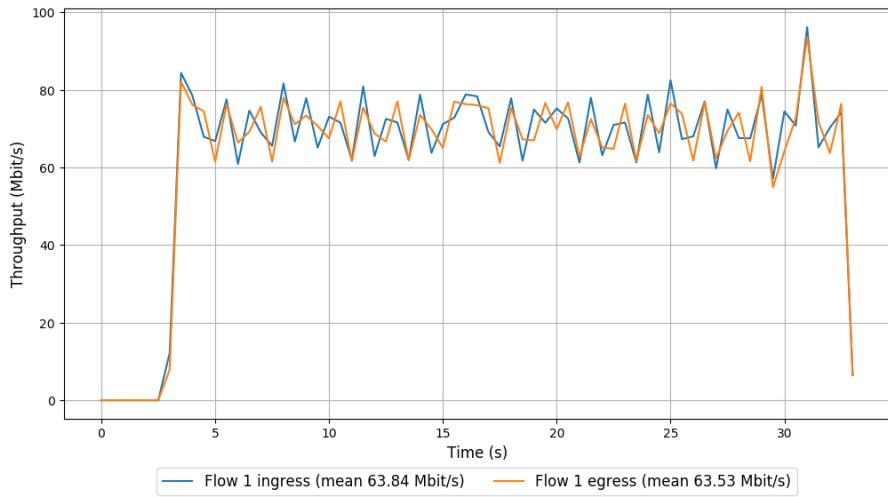
-- Flow 1:

Average throughput: 63.53 Mbit/s

95th percentile per-packet one-way delay: 46.701 ms

Loss rate: 0.73%

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

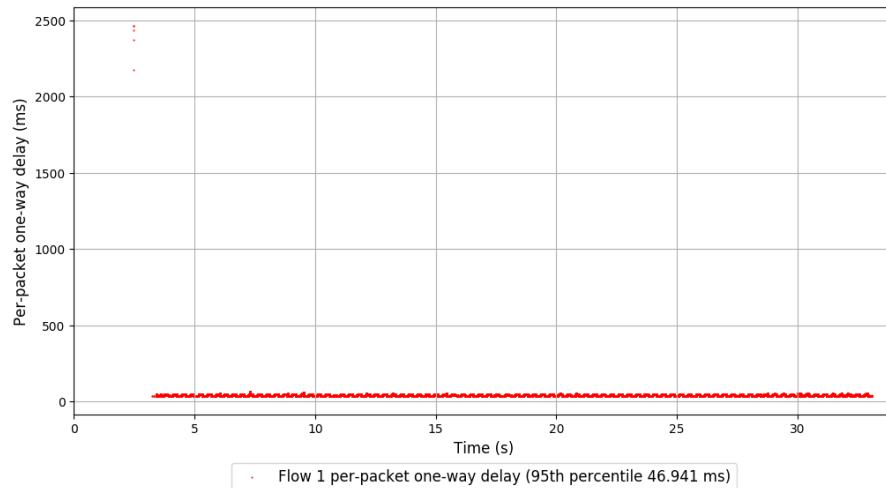
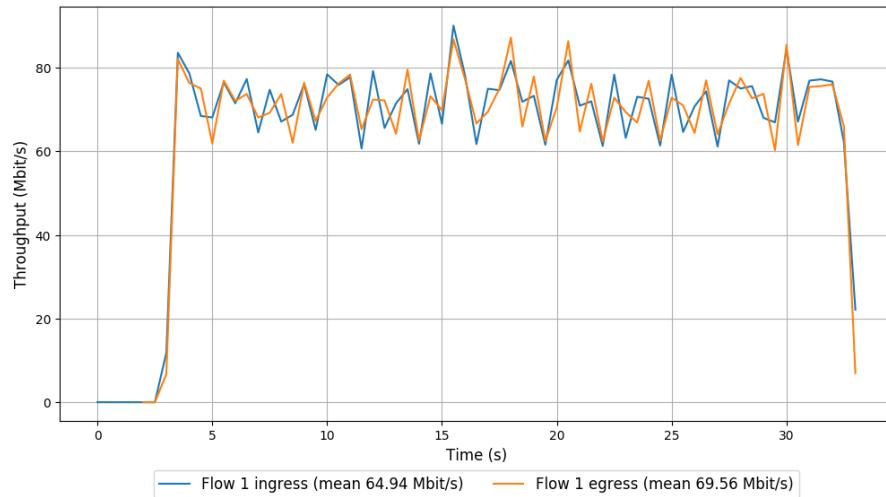


Run 9: Statistics of TaoVA-100x

```
Start at: Fri, 30 Jun 2017 01:01:09 +0000
End at: Fri, 30 Jun 2017 01:01:39 +0000
Local clock offset: -0.293 ms
Remote clock offset: -4.081 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:19:38 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 69.56 Mbit/s
95th percentile per-packet one-way delay: 46.941 ms
Loss rate: 1.02%
-- Flow 1:
Average throughput: 69.56 Mbit/s
95th percentile per-packet one-way delay: 46.941 ms
Loss rate: 1.02%
```

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



Run 10: Statistics of TaoVA-100x

Start at: Fri, 30 Jun 2017 01:20:53 +0000

End at: Fri, 30 Jun 2017 01:21:23 +0000

Local clock offset: -0.05 ms

Remote clock offset: -1.359 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:19:40 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 68.54 Mbit/s

95th percentile per-packet one-way delay: 47.653 ms

Loss rate: 0.86%

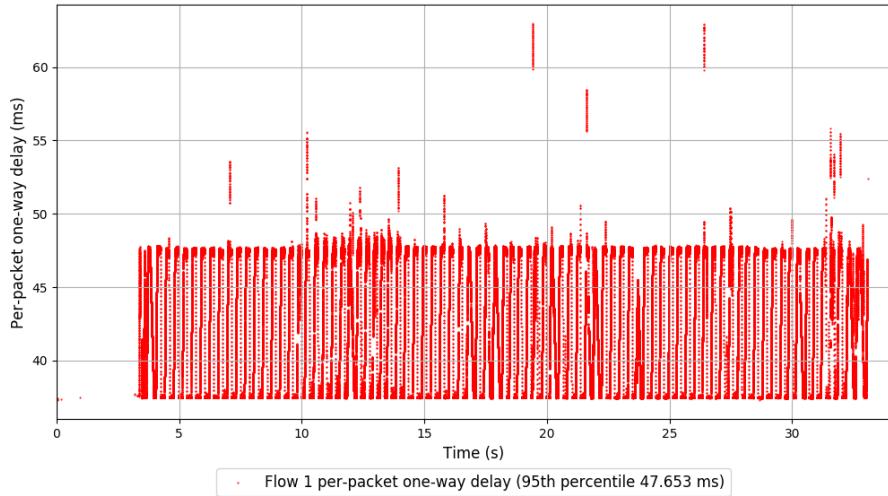
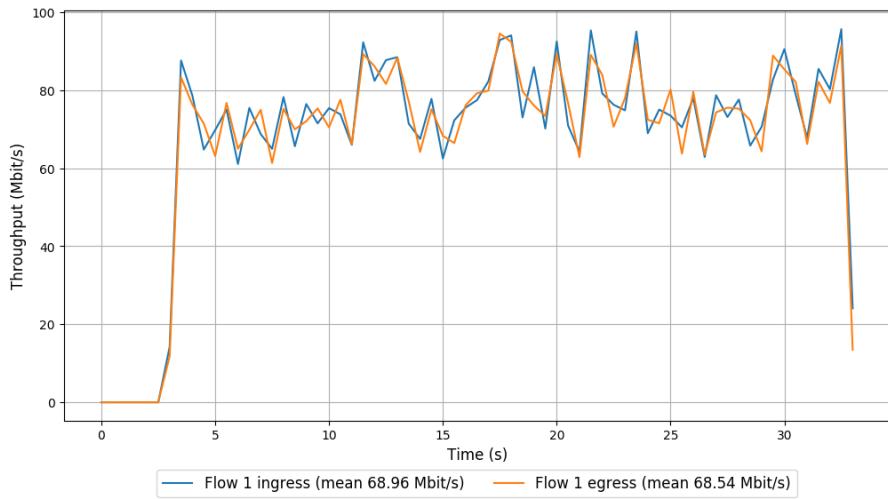
-- Flow 1:

Average throughput: 68.54 Mbit/s

95th percentile per-packet one-way delay: 47.653 ms

Loss rate: 0.86%

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

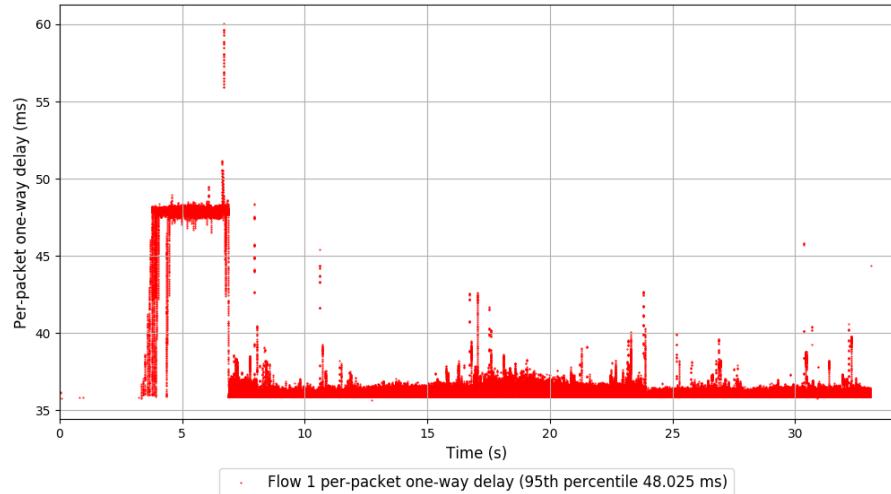
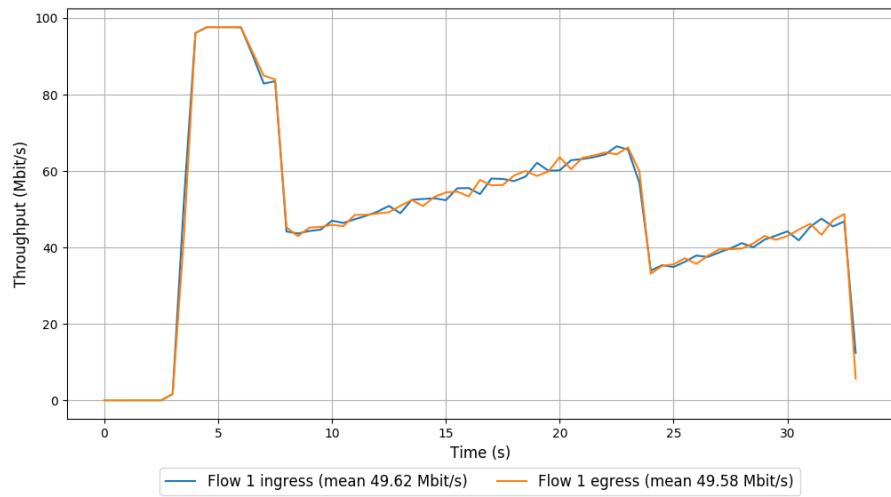


Run 1: Statistics of TCP Vegas

```
Start at: Thu, 29 Jun 2017 22:25:46 +0000
End at: Thu, 29 Jun 2017 22:26:16 +0000
Local clock offset: -0.059 ms
Remote clock offset: -2.559 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:19:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 49.58 Mbit/s
95th percentile per-packet one-way delay: 48.025 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 49.58 Mbit/s
95th percentile per-packet one-way delay: 48.025 ms
Loss rate: 0.31%
```

Run 1: Report of TCP Vegas — Data Link

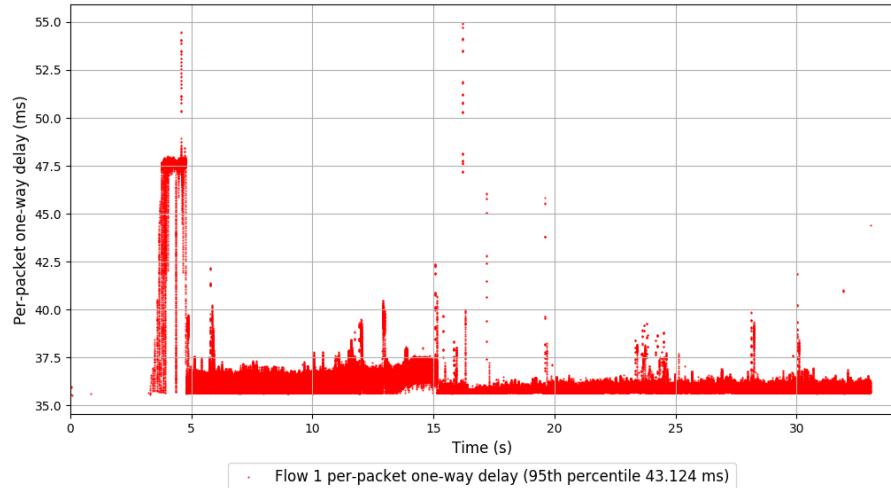
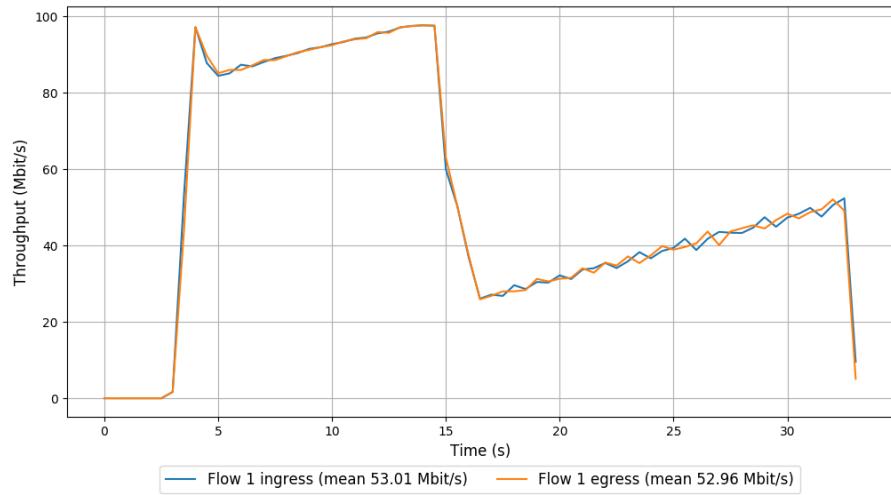


Run 2: Statistics of TCP Vegas

```
Start at: Thu, 29 Jun 2017 22:45:28 +0000
End at: Thu, 29 Jun 2017 22:45:58 +0000
Local clock offset: 0.021 ms
Remote clock offset: -2.811 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:19:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 52.96 Mbit/s
95th percentile per-packet one-way delay: 43.124 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 52.96 Mbit/s
95th percentile per-packet one-way delay: 43.124 ms
Loss rate: 0.32%
```

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

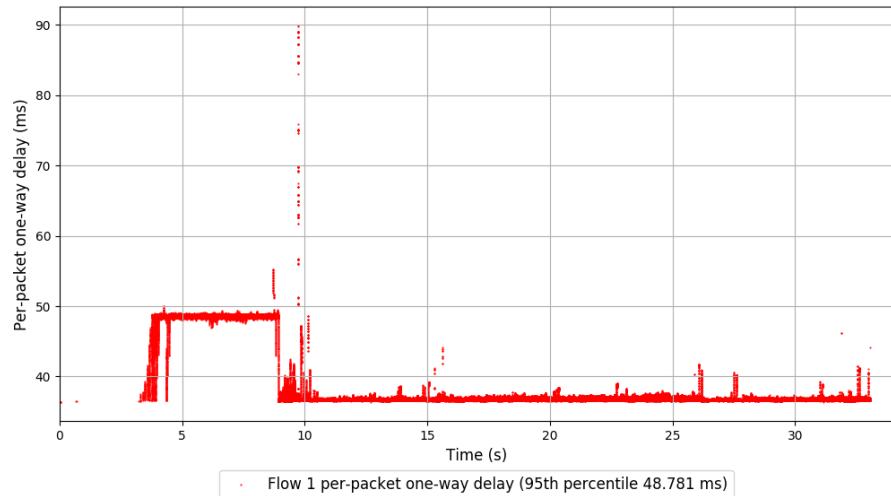
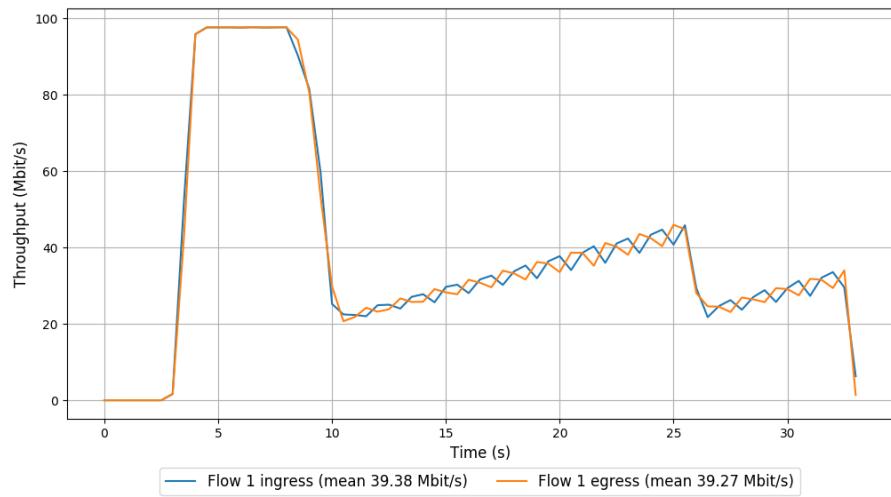


Run 3: Statistics of TCP Vegas

```
Start at: Thu, 29 Jun 2017 23:05:13 +0000
End at: Thu, 29 Jun 2017 23:05:43 +0000
Local clock offset: -0.018 ms
Remote clock offset: -5.276 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:19:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 39.27 Mbit/s
95th percentile per-packet one-way delay: 48.781 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 39.27 Mbit/s
95th percentile per-packet one-way delay: 48.781 ms
Loss rate: 0.52%
```

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

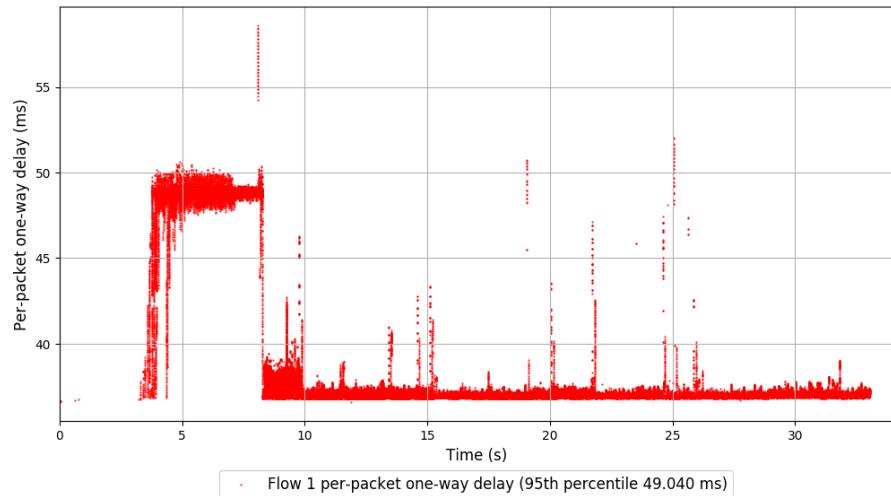
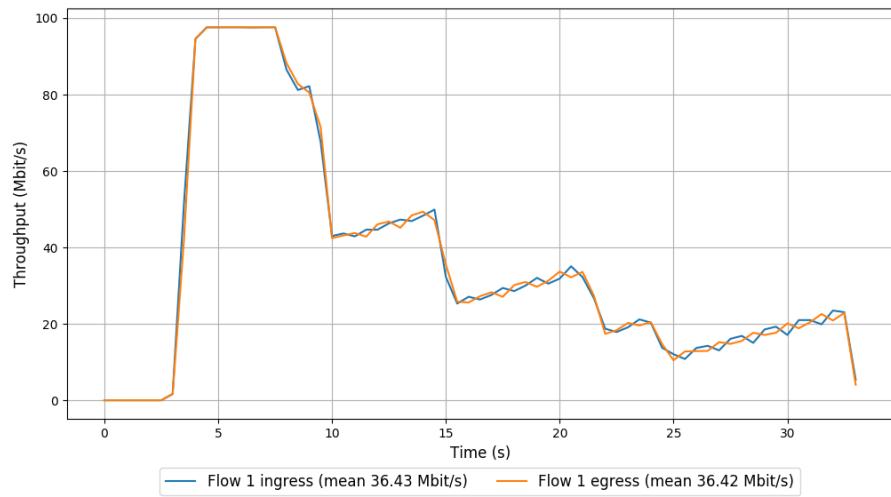


Run 4: Statistics of TCP Vegas

```
Start at: Thu, 29 Jun 2017 23:25:00 +0000
End at: Thu, 29 Jun 2017 23:25:30 +0000
Local clock offset: -0.078 ms
Remote clock offset: -4.617 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:19:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 36.42 Mbit/s
95th percentile per-packet one-way delay: 49.040 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 36.42 Mbit/s
95th percentile per-packet one-way delay: 49.040 ms
Loss rate: 0.29%
```

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

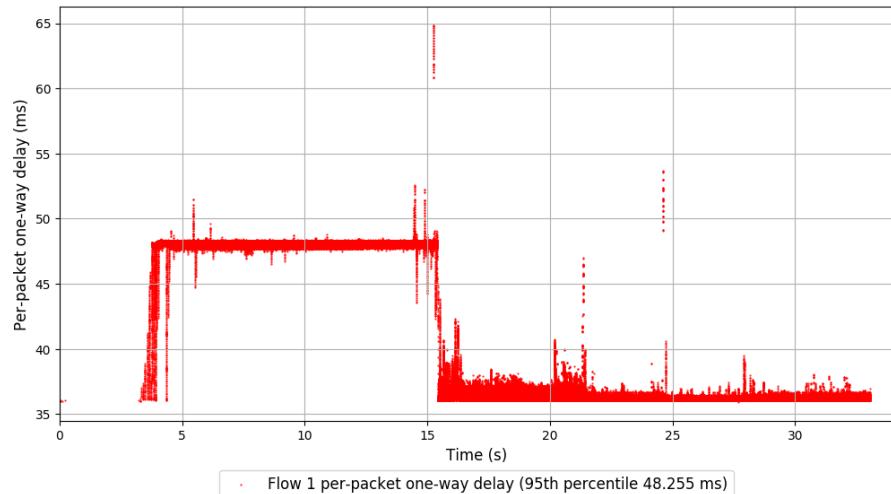
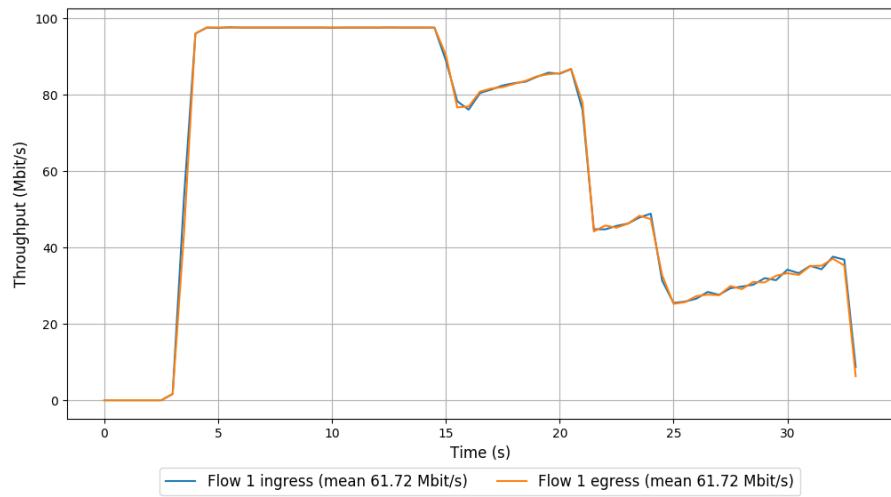


Run 5: Statistics of TCP Vegas

```
Start at: Thu, 29 Jun 2017 23:44:48 +0000
End at: Thu, 29 Jun 2017 23:45:18 +0000
Local clock offset: -0.033 ms
Remote clock offset: -2.475 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:20:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 61.72 Mbit/s
95th percentile per-packet one-way delay: 48.255 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 61.72 Mbit/s
95th percentile per-packet one-way delay: 48.255 ms
Loss rate: 0.27%
```

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

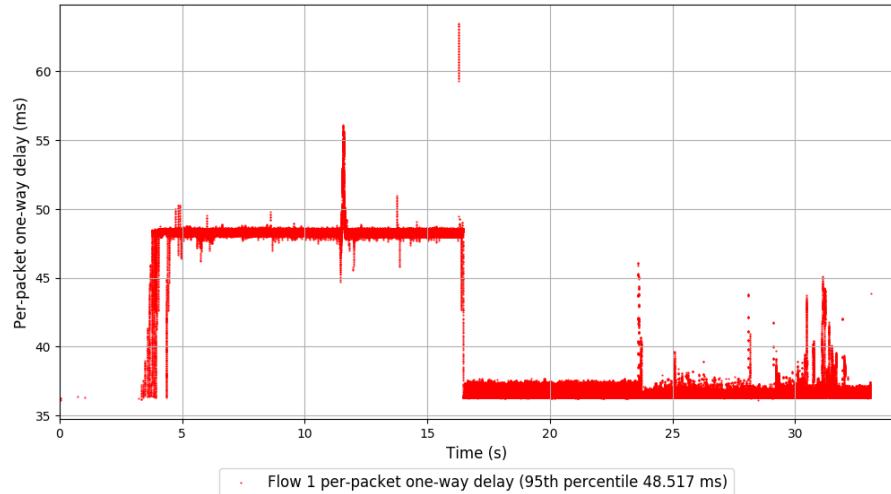
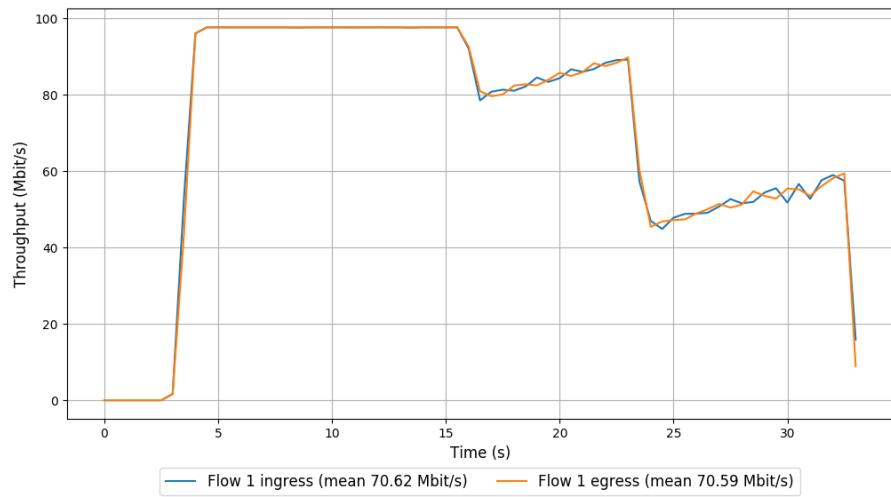


Run 6: Statistics of TCP Vegas

```
Start at: Fri, 30 Jun 2017 00:04:39 +0000
End at: Fri, 30 Jun 2017 00:05:09 +0000
Local clock offset: -0.196 ms
Remote clock offset: -4.282 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:20:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.59 Mbit/s
95th percentile per-packet one-way delay: 48.517 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 70.59 Mbit/s
95th percentile per-packet one-way delay: 48.517 ms
Loss rate: 0.28%
```

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



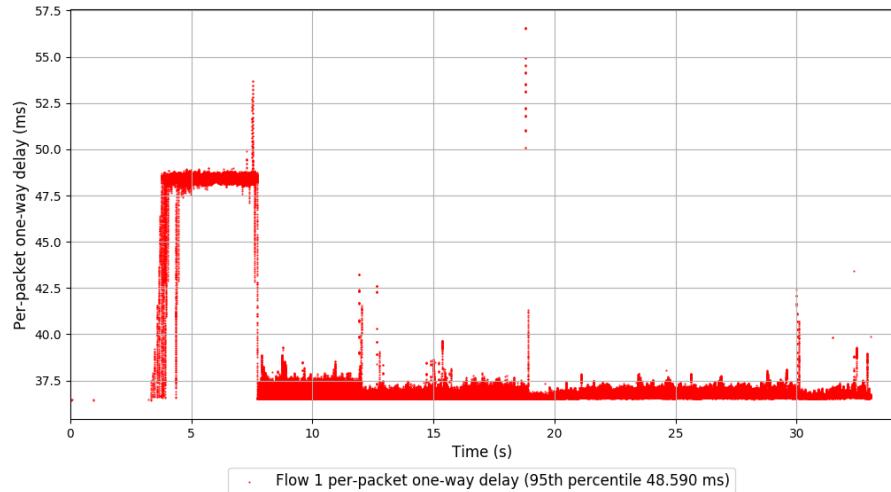
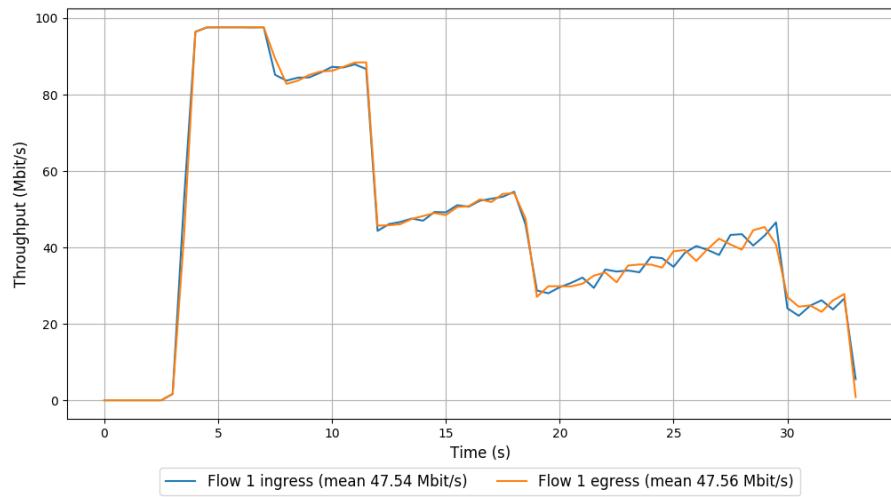
Run 7: Statistics of TCP Vegas

Start at: Fri, 30 Jun 2017 00:24:25 +0000  
End at: Fri, 30 Jun 2017 00:24:55 +0000

Local clock offset: -0.204 ms  
Remote clock offset: -4.262 ms

```
# Below is generated by plot.py at Fri, 30 Jun 2017 02:20:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 47.56 Mbit/s
95th percentile per-packet one-way delay: 48.590 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 47.56 Mbit/s
95th percentile per-packet one-way delay: 48.590 ms
Loss rate: 0.18%
```

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

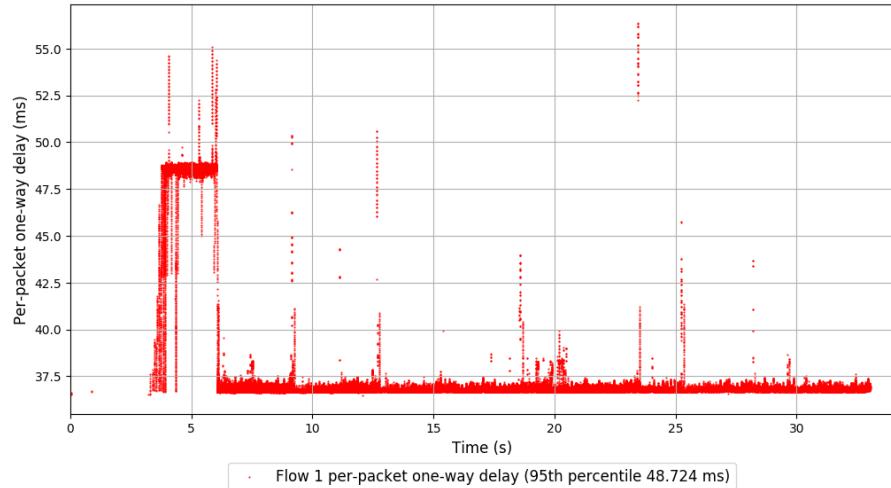
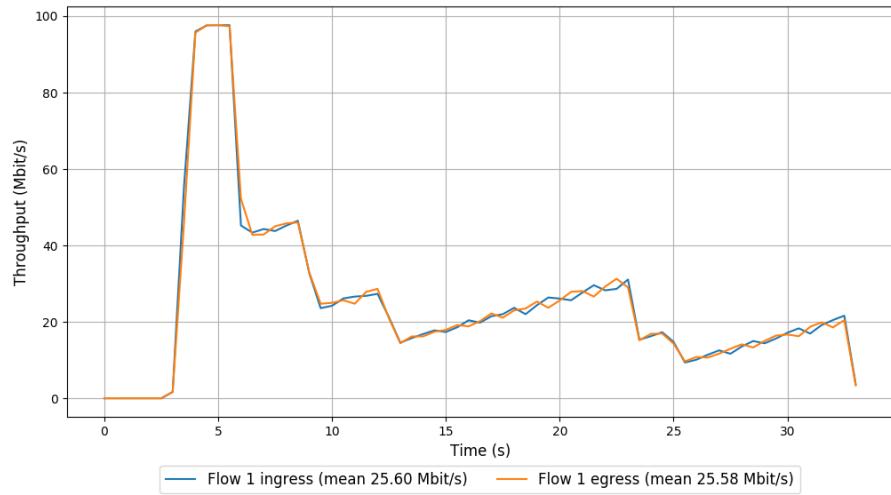


Run 8: Statistics of TCP Vegas

```
Start at: Fri, 30 Jun 2017 00:44:08 +0000
End at: Fri, 30 Jun 2017 00:44:38 +0000
Local clock offset: -0.454 ms
Remote clock offset: -2.221 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:20:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 25.58 Mbit/s
95th percentile per-packet one-way delay: 48.724 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 25.58 Mbit/s
95th percentile per-packet one-way delay: 48.724 ms
Loss rate: 0.33%
```

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

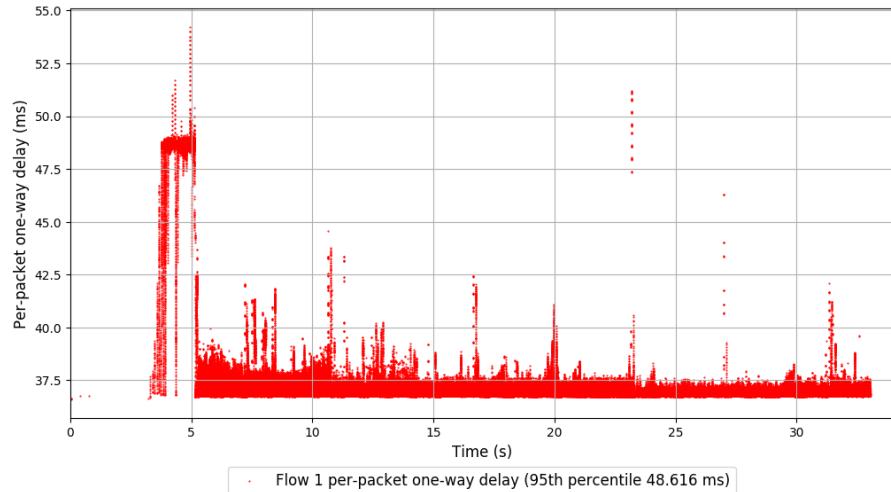
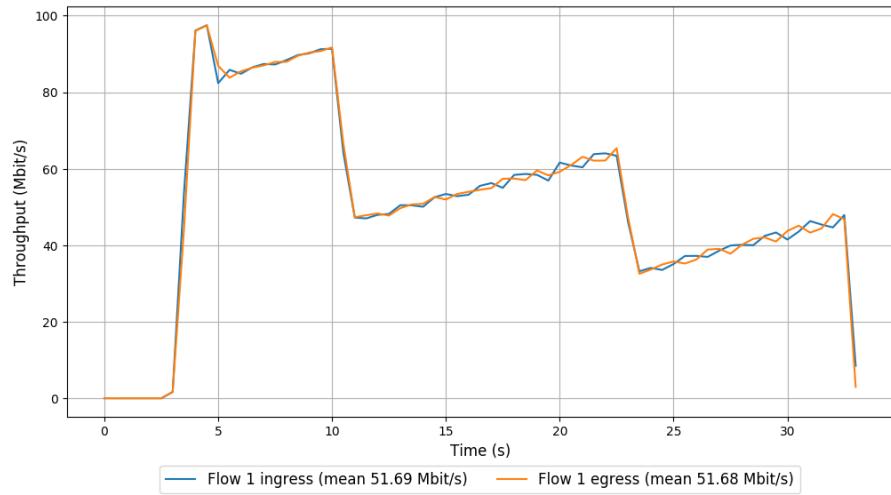


Run 9: Statistics of TCP Vegas

```
Start at: Fri, 30 Jun 2017 01:03:54 +0000
End at: Fri, 30 Jun 2017 01:04:24 +0000
Local clock offset: -0.327 ms
Remote clock offset: -2.004 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:20:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 51.68 Mbit/s
95th percentile per-packet one-way delay: 48.616 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 51.68 Mbit/s
95th percentile per-packet one-way delay: 48.616 ms
Loss rate: 0.28%
```

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

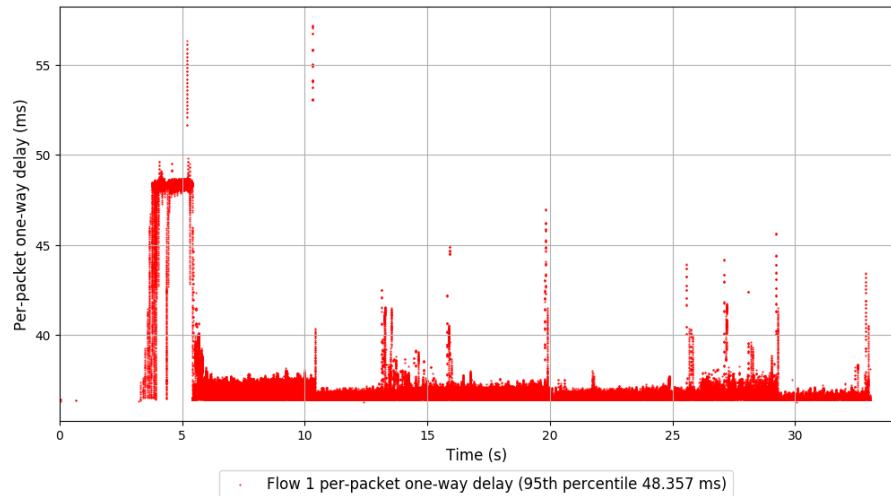
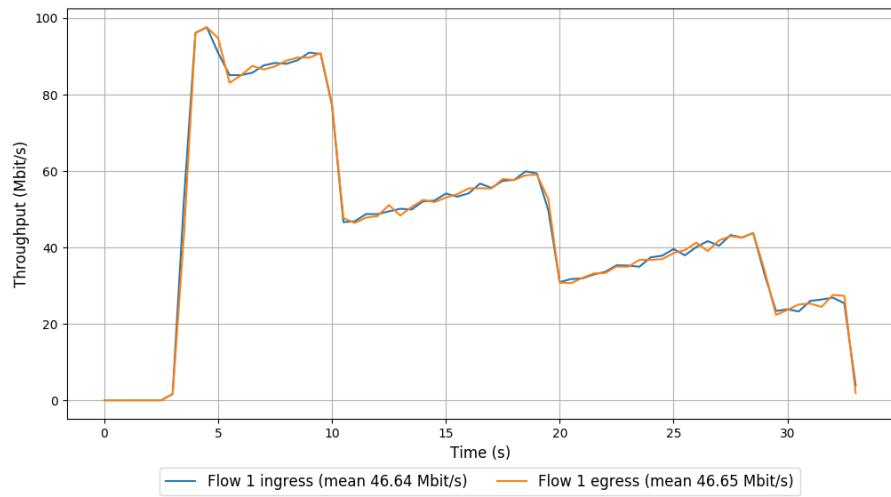


Run 10: Statistics of TCP Vegas

```
Start at: Fri, 30 Jun 2017 01:23:37 +0000
End at: Fri, 30 Jun 2017 01:24:07 +0000
Local clock offset: -0.024 ms
Remote clock offset: -4.011 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:20:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 46.65 Mbit/s
95th percentile per-packet one-way delay: 48.357 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 46.65 Mbit/s
95th percentile per-packet one-way delay: 48.357 ms
Loss rate: 0.24%
```

Run 10: Report of TCP Vegas — Data Link

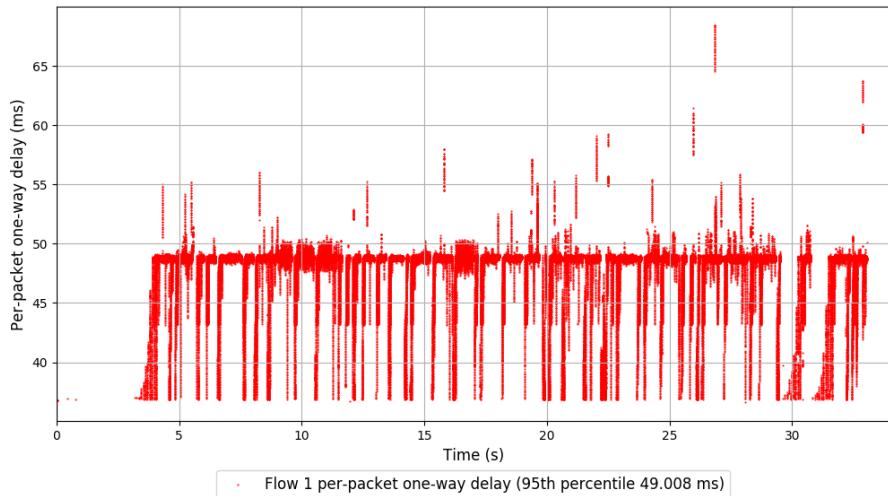
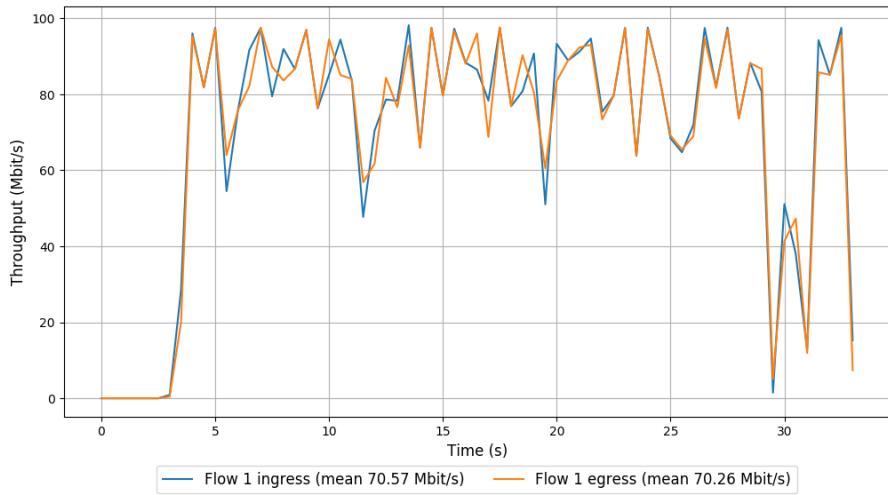


Run 1: Statistics of Verus

```
Start at: Thu, 29 Jun 2017 22:24:24 +0000
End at: Thu, 29 Jun 2017 22:24:54 +0000
Local clock offset: 0.052 ms
Remote clock offset: -2.433 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:20:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.26 Mbit/s
95th percentile per-packet one-way delay: 49.008 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 70.26 Mbit/s
95th percentile per-packet one-way delay: 49.008 ms
Loss rate: 0.67%
```

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

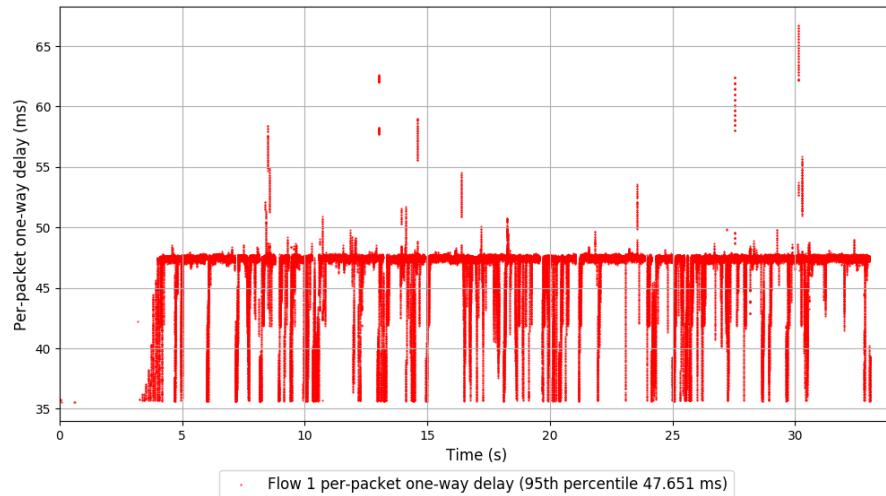
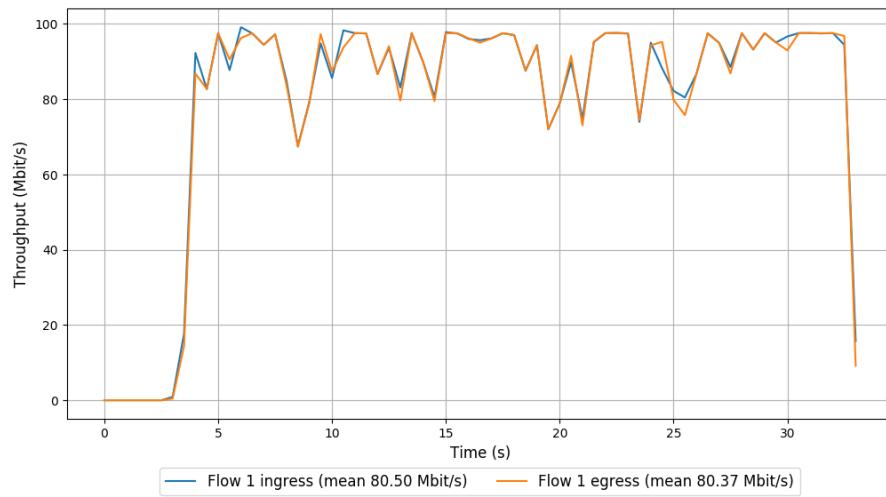


Run 2: Statistics of Verus

```
Start at: Thu, 29 Jun 2017 22:44:05 +0000
End at: Thu, 29 Jun 2017 22:44:35 +0000
Local clock offset: -0.055 ms
Remote clock offset: -2.728 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:20:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.37 Mbit/s
95th percentile per-packet one-way delay: 47.651 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 80.37 Mbit/s
95th percentile per-packet one-way delay: 47.651 ms
Loss rate: 0.49%
```

## Run 2: Report of Verus — Data Link

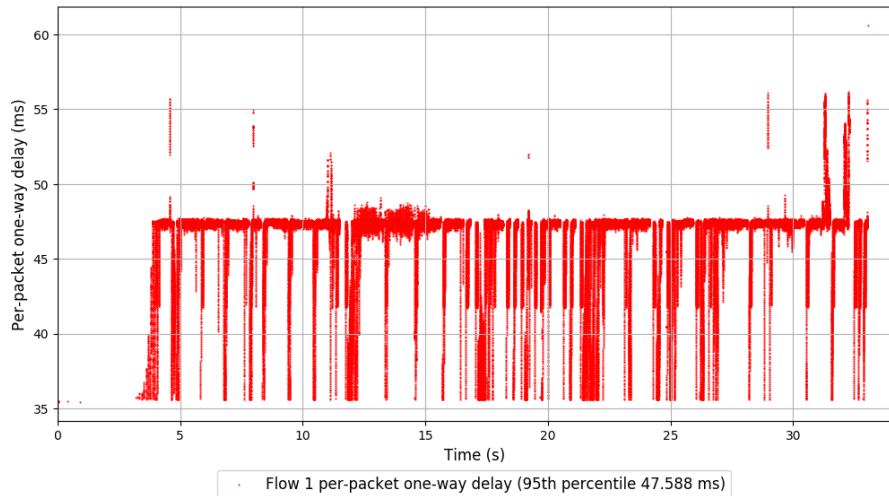
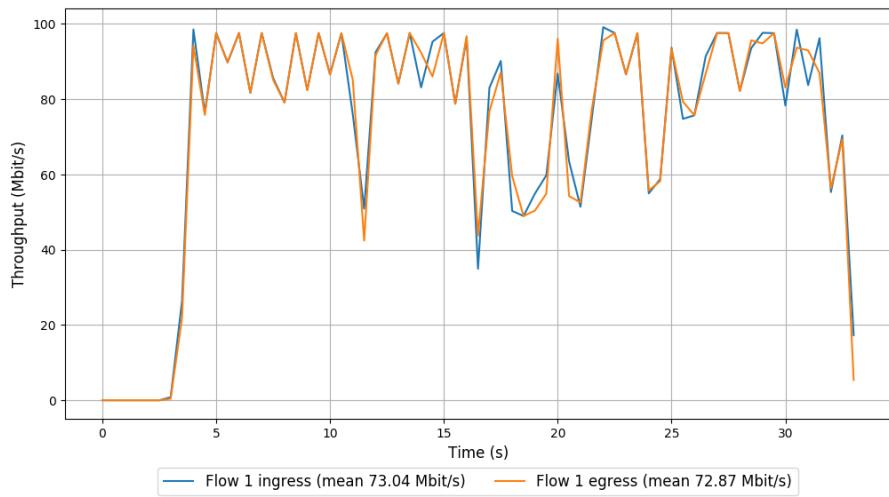


Run 3: Statistics of Verus

```
Start at: Thu, 29 Jun 2017 23:03:52 +0000
End at: Thu, 29 Jun 2017 23:04:22 +0000
Local clock offset: -0.047 ms
Remote clock offset: -2.824 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:20:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.87 Mbit/s
95th percentile per-packet one-way delay: 47.588 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 72.87 Mbit/s
95th percentile per-packet one-way delay: 47.588 ms
Loss rate: 0.48%
```

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

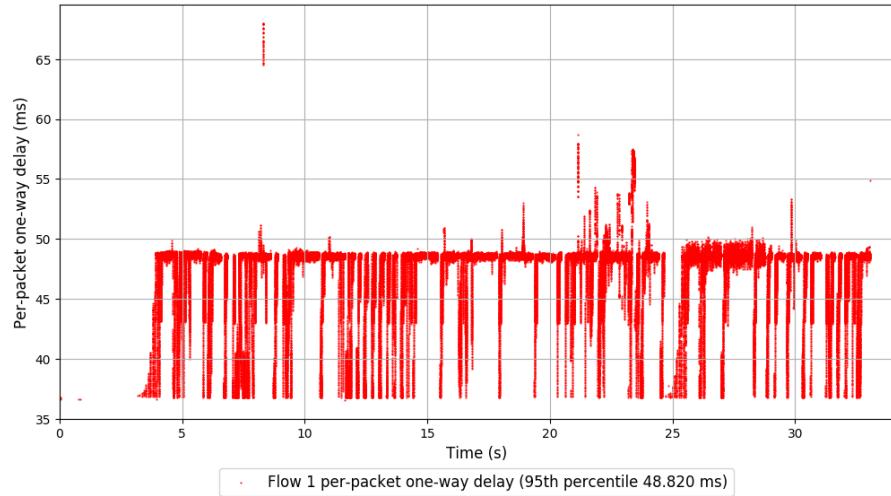
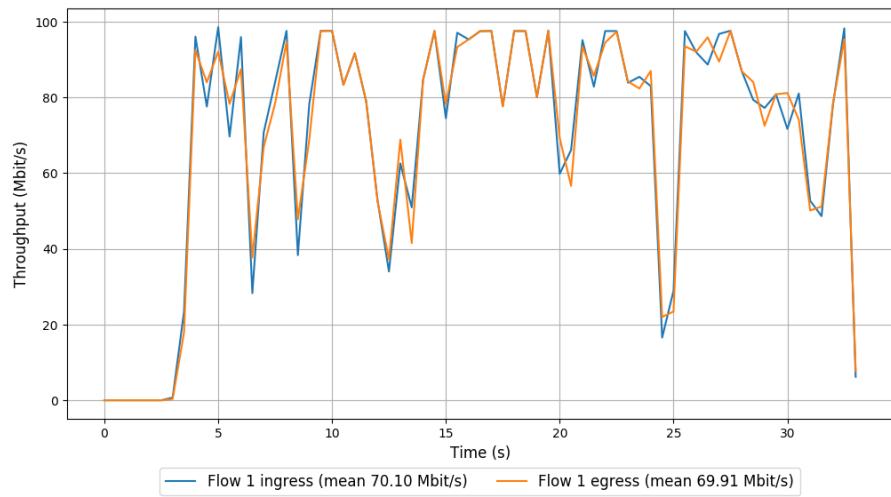


Run 4: Statistics of Verus

```
Start at: Thu, 29 Jun 2017 23:23:38 +0000
End at: Thu, 29 Jun 2017 23:24:08 +0000
Local clock offset: -0.074 ms
Remote clock offset: -4.67 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:20:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 69.91 Mbit/s
95th percentile per-packet one-way delay: 48.820 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 69.91 Mbit/s
95th percentile per-packet one-way delay: 48.820 ms
Loss rate: 0.34%
```

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

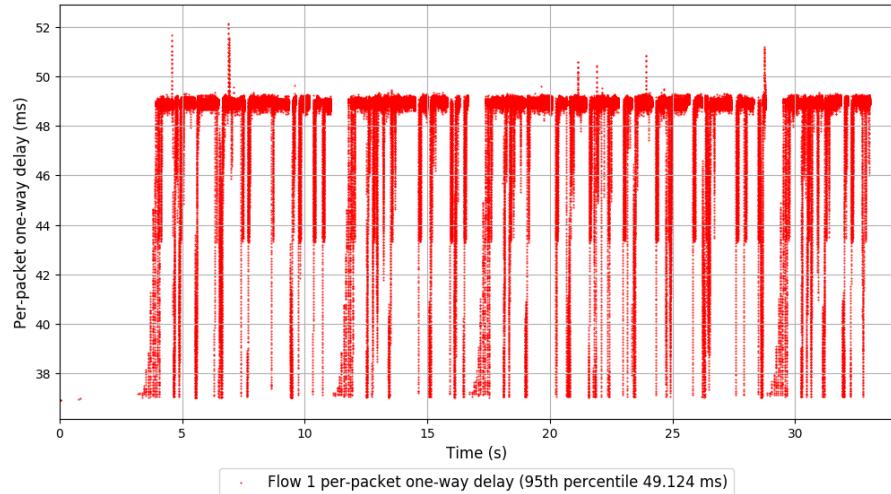
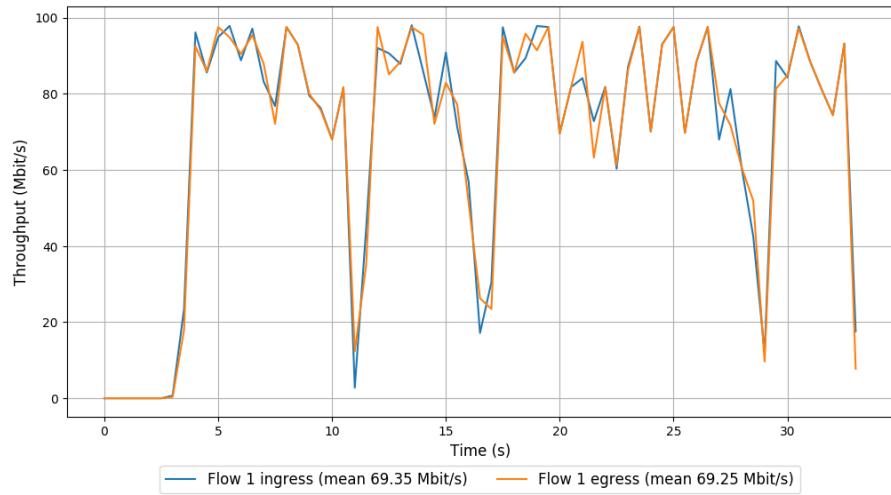


Run 5: Statistics of Verus

```
Start at: Thu, 29 Jun 2017 23:43:26 +0000
End at: Thu, 29 Jun 2017 23:43:56 +0000
Local clock offset: -0.049 ms
Remote clock offset: -1.946 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:20:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 69.25 Mbit/s
95th percentile per-packet one-way delay: 49.124 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 69.25 Mbit/s
95th percentile per-packet one-way delay: 49.124 ms
Loss rate: 0.42%
```

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

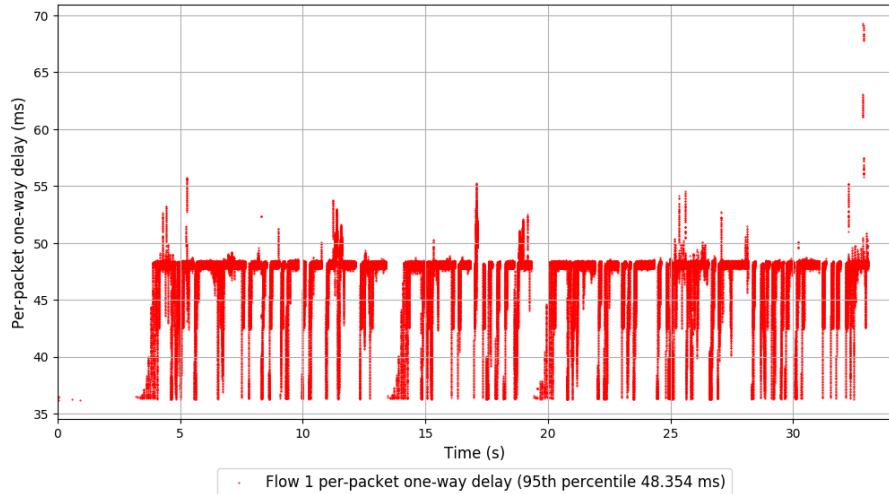
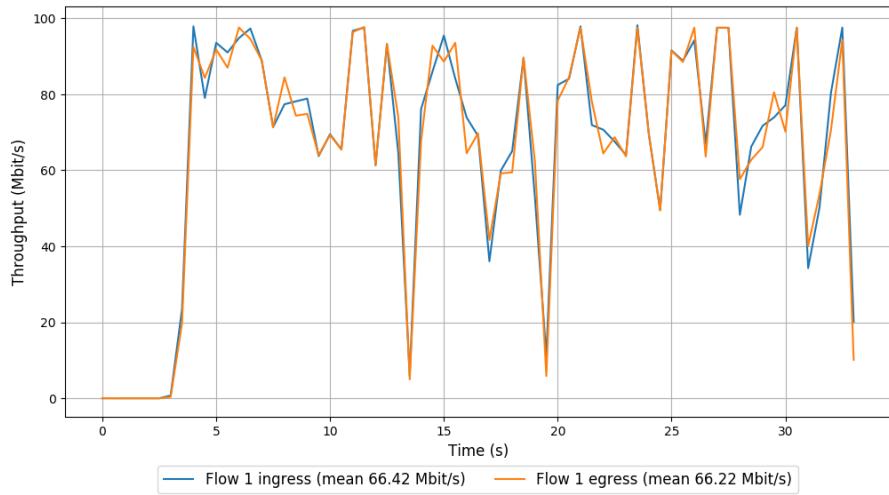


Run 6: Statistics of Verus

```
Start at: Fri, 30 Jun 2017 00:03:17 +0000
End at: Fri, 30 Jun 2017 00:03:47 +0000
Local clock offset: -0.197 ms
Remote clock offset: -2.532 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:20:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 66.22 Mbit/s
95th percentile per-packet one-way delay: 48.354 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 66.22 Mbit/s
95th percentile per-packet one-way delay: 48.354 ms
Loss rate: 0.57%
```

### Run 6: Report of Verus — Data Link

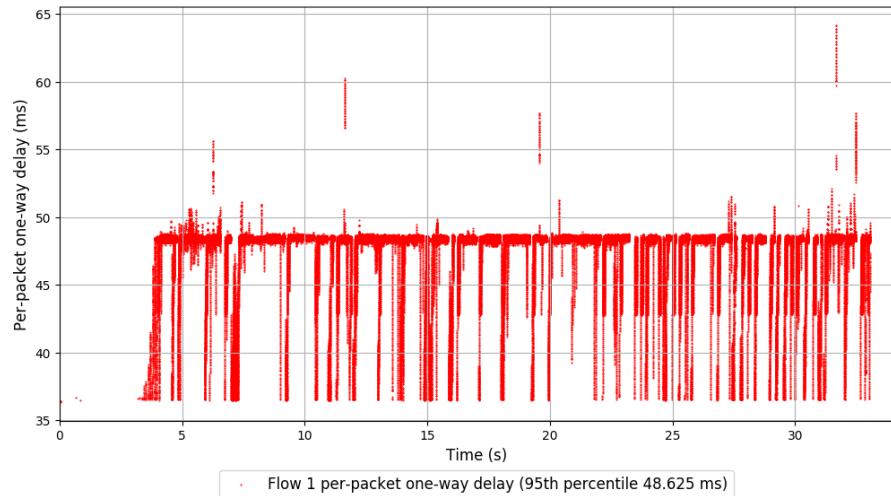
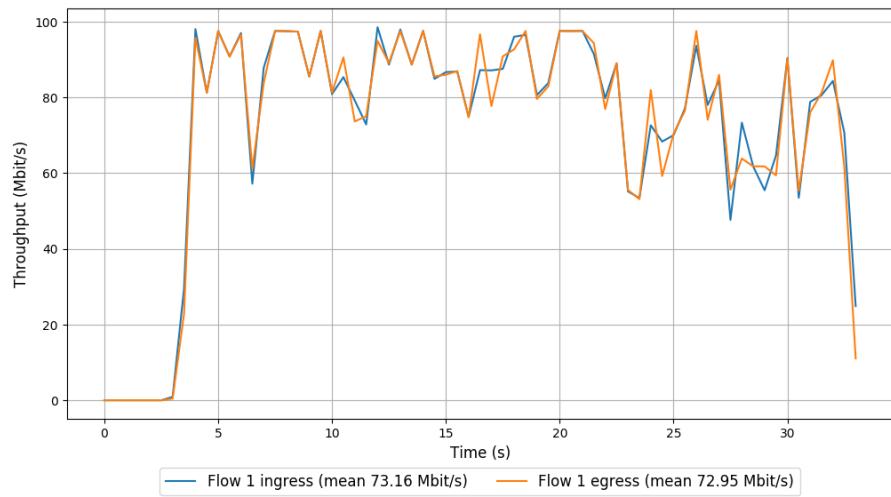


Run 7: Statistics of Verus

```
Start at: Fri, 30 Jun 2017 00:23:03 +0000
End at: Fri, 30 Jun 2017 00:23:33 +0000
Local clock offset: -0.315 ms
Remote clock offset: -1.603 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:21:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.95 Mbit/s
95th percentile per-packet one-way delay: 48.625 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 72.95 Mbit/s
95th percentile per-packet one-way delay: 48.625 ms
Loss rate: 0.60%
```

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

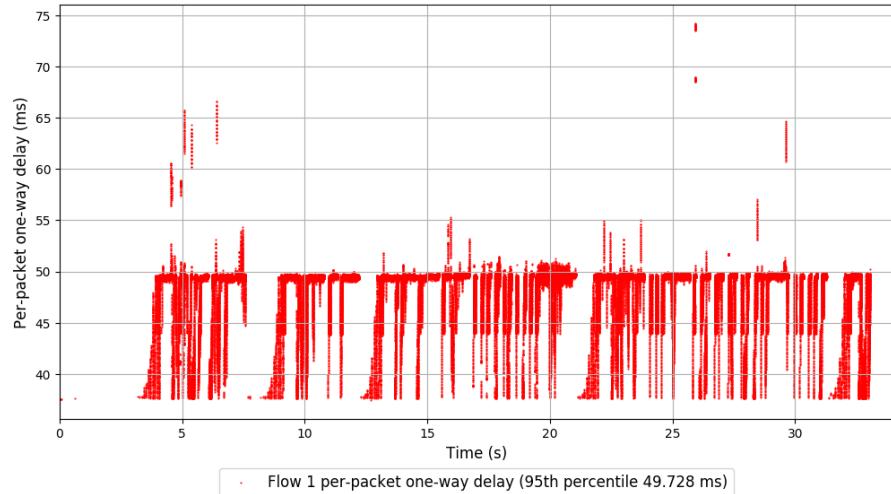
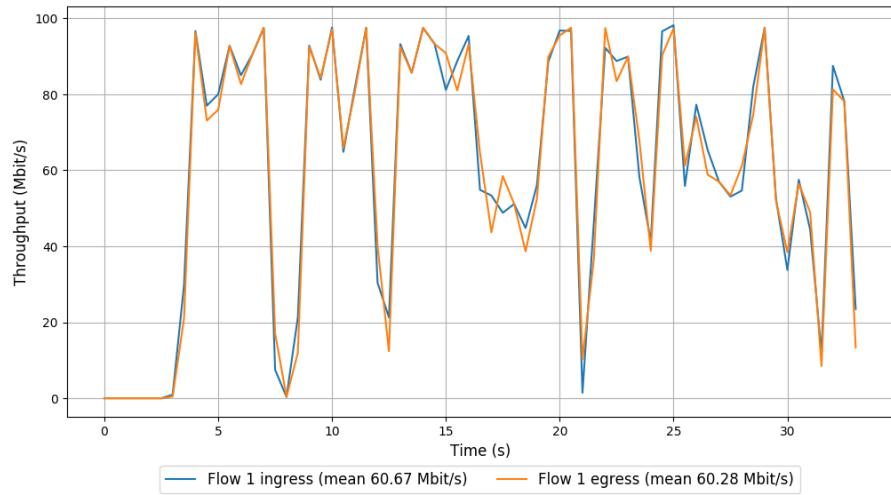


Run 8: Statistics of Verus

```
Start at: Fri, 30 Jun 2017 00:42:47 +0000
End at: Fri, 30 Jun 2017 00:43:17 +0000
Local clock offset: -0.336 ms
Remote clock offset: -4.192 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:21:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 60.28 Mbit/s
95th percentile per-packet one-way delay: 49.728 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 60.28 Mbit/s
95th percentile per-packet one-way delay: 49.728 ms
Loss rate: 0.93%
```

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

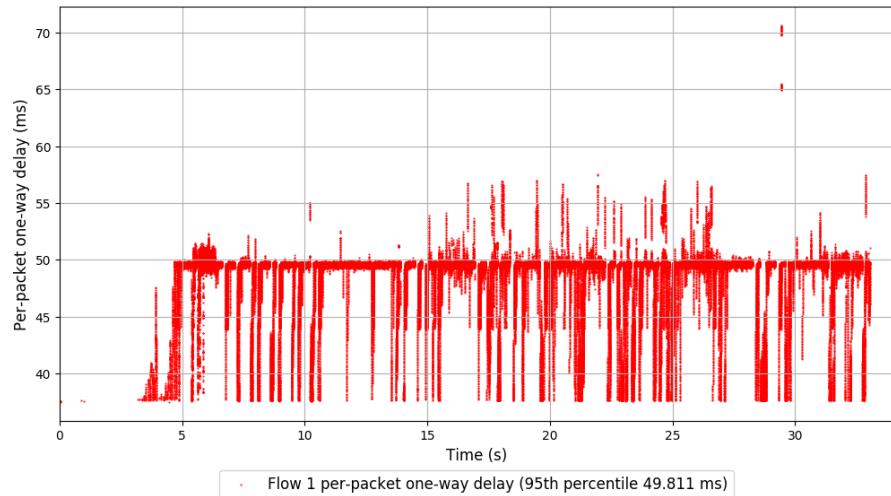
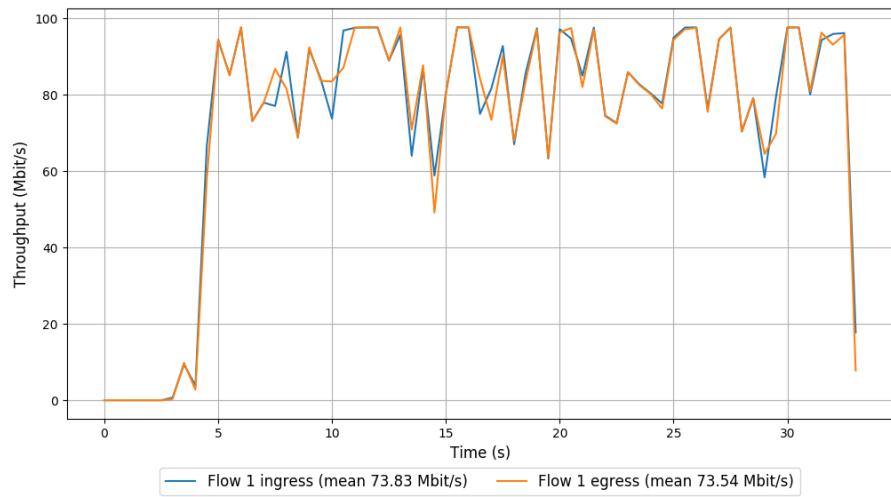


Run 9: Statistics of Verus

```
Start at: Fri, 30 Jun 2017 01:02:32 +0000
End at: Fri, 30 Jun 2017 01:03:02 +0000
Local clock offset: -0.283 ms
Remote clock offset: -1.668 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:21:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.54 Mbit/s
95th percentile per-packet one-way delay: 49.811 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 73.54 Mbit/s
95th percentile per-packet one-way delay: 49.811 ms
Loss rate: 0.66%
```

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

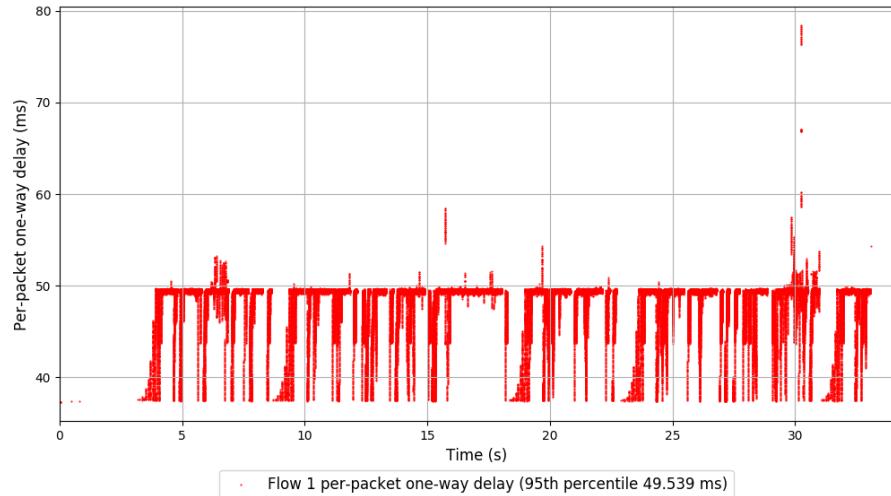
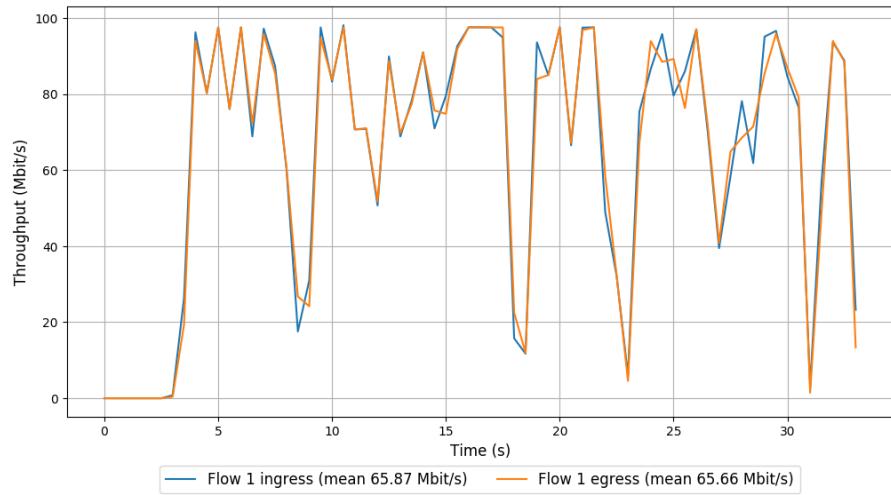


Run 10: Statistics of Verus

```
Start at: Fri, 30 Jun 2017 01:22:16 +0000
End at: Fri, 30 Jun 2017 01:22:46 +0000
Local clock offset: 0.059 ms
Remote clock offset: -4.465 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:21:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 65.66 Mbit/s
95th percentile per-packet one-way delay: 49.539 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 65.66 Mbit/s
95th percentile per-packet one-way delay: 49.539 ms
Loss rate: 0.59%
```

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

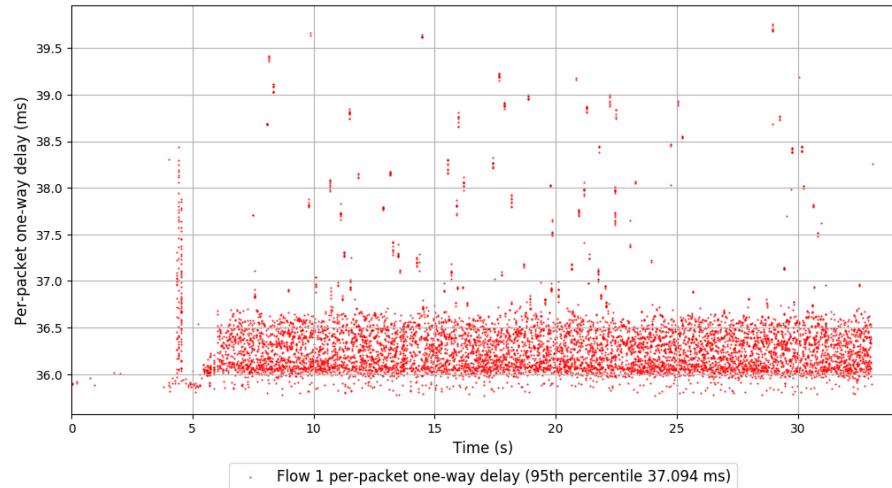
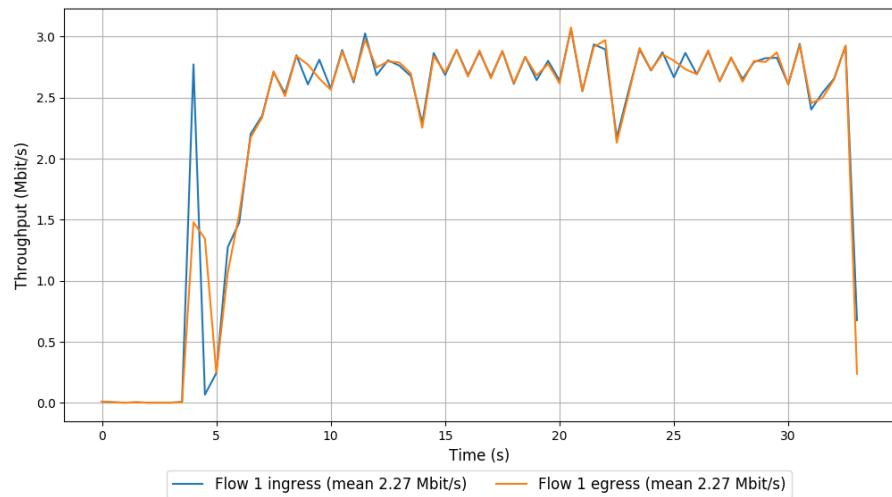


```
Run 1: Statistics of WebRTC media

Start at: Thu, 29 Jun 2017 22:21:45 +0000
End at: Thu, 29 Jun 2017 22:22:15 +0000
Local clock offset: -0.039 ms
Remote clock offset: -1.966 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:21:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 37.094 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 37.094 ms
Loss rate: 0.44%
```

Run 1: Report of WebRTC media — Data Link

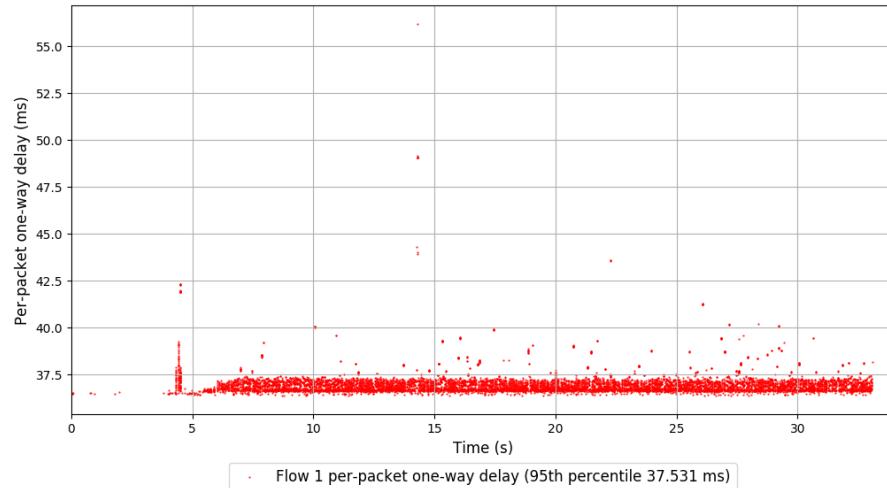
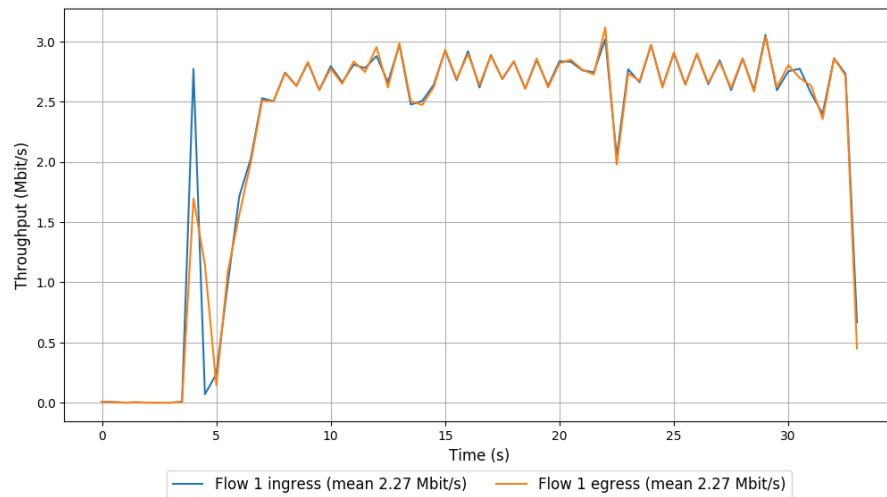


```
Run 2: Statistics of WebRTC media

Start at: Thu, 29 Jun 2017 22:41:27 +0000
End at: Thu, 29 Jun 2017 22:41:57 +0000
Local clock offset: -0.035 ms
Remote clock offset: -2.701 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:21:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 37.531 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 37.531 ms
Loss rate: 0.30%
```

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

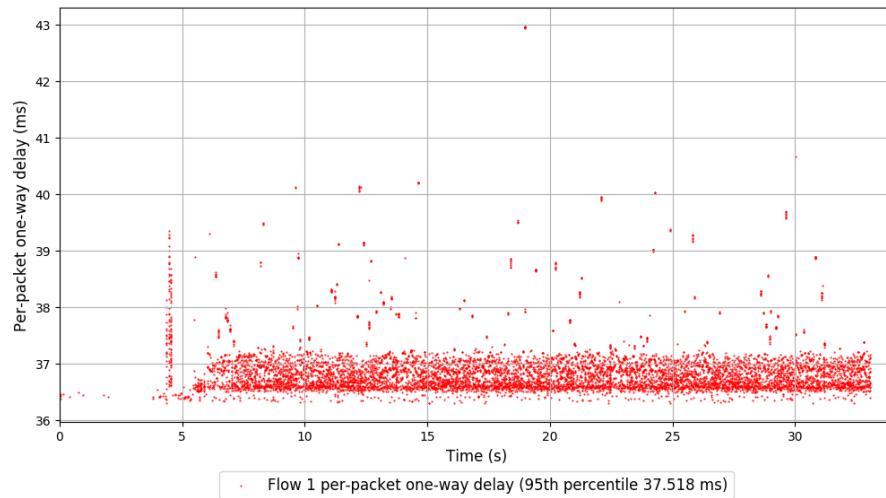
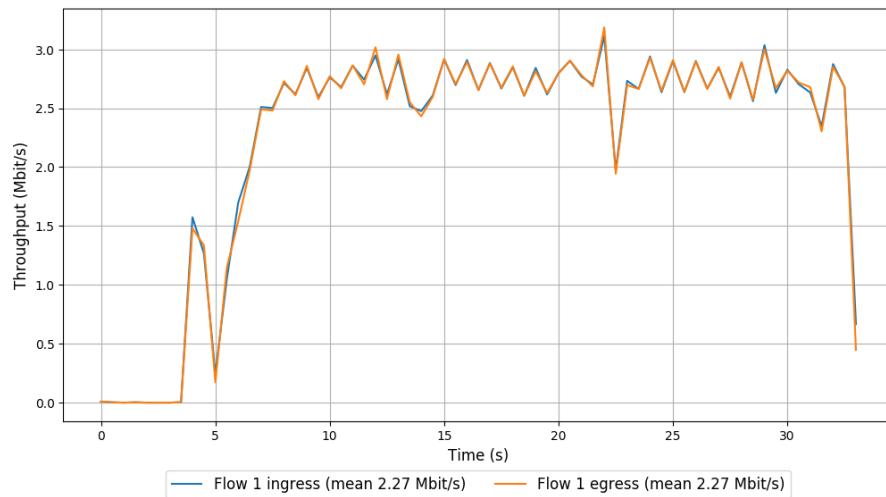


```
Run 3: Statistics of WebRTC media

Start at: Thu, 29 Jun 2017 23:01:12 +0000
End at: Thu, 29 Jun 2017 23:01:42 +0000
Local clock offset: -0.048 ms
Remote clock offset: -5.259 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:21:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 37.518 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 37.518 ms
Loss rate: 0.30%
```

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

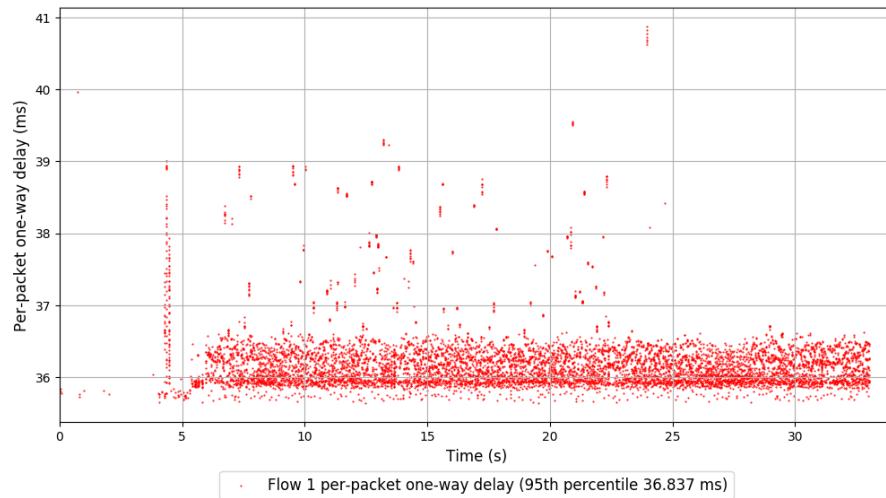
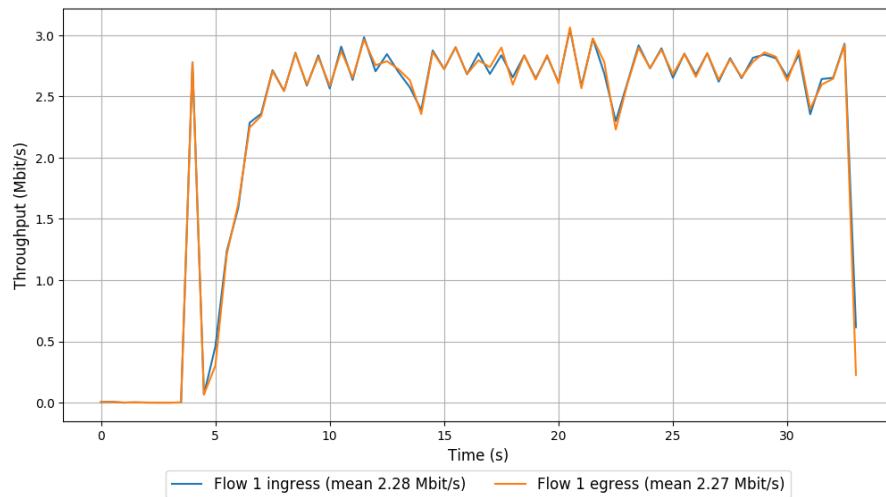


Run 4: Statistics of WebRTC media

```
Start at: Thu, 29 Jun 2017 23:20:58 +0000
End at: Thu, 29 Jun 2017 23:21:28 +0000
Local clock offset: -0.085 ms
Remote clock offset: -2.395 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:21:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 36.837 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 36.837 ms
Loss rate: 0.41%
```

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

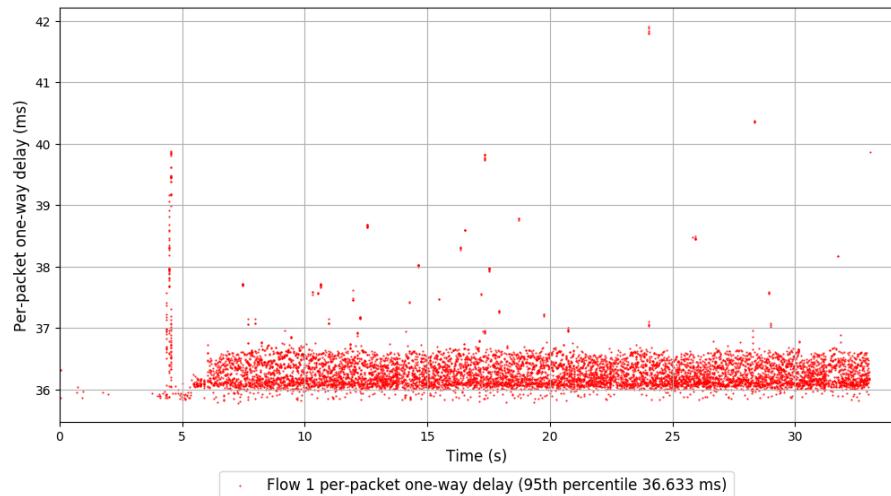
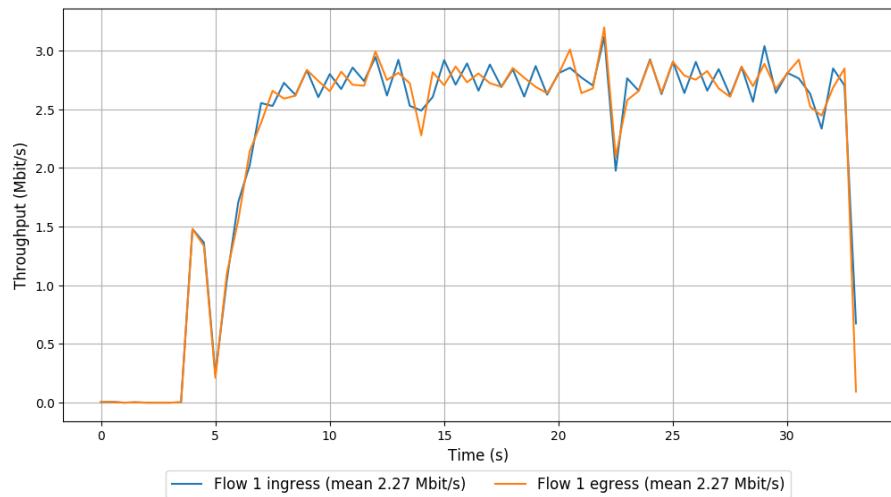


```
Run 5: Statistics of WebRTC media

Start at: Thu, 29 Jun 2017 23:40:47 +0000
End at: Thu, 29 Jun 2017 23:41:17 +0000
Local clock offset: -0.13 ms
Remote clock offset: -2.825 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:21:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 36.633 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 36.633 ms
Loss rate: 0.44%
```

Run 5: Report of WebRTC media — Data Link

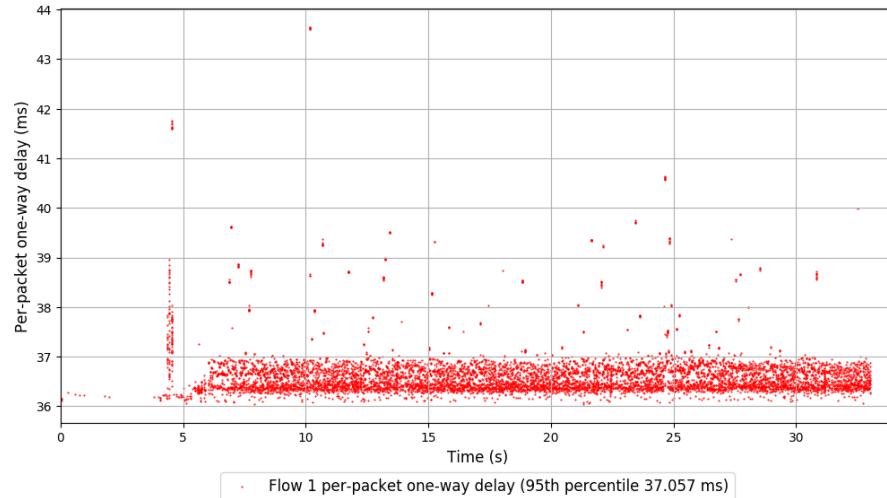
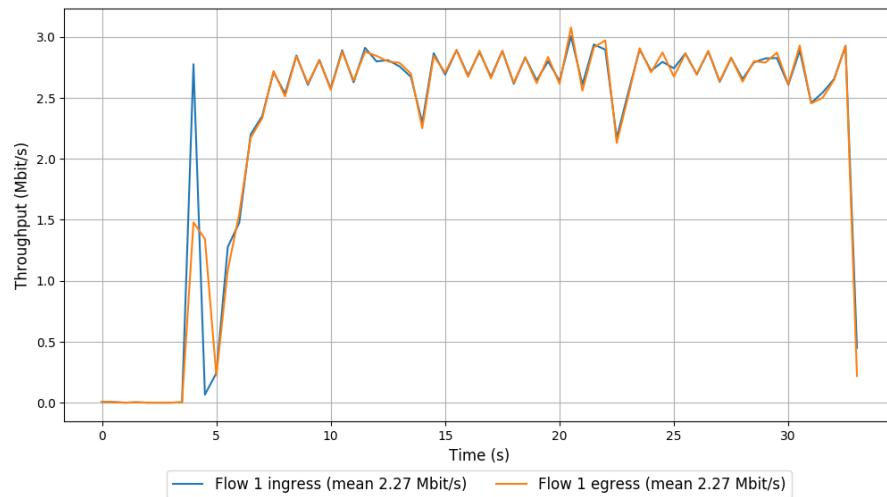


Run 6: Statistics of WebRTC media

```
Start at: Fri, 30 Jun 2017 00:00:38 +0000
End at: Fri, 30 Jun 2017 00:01:08 +0000
Local clock offset: -0.133 ms
Remote clock offset: -2.521 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:21:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 37.057 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 37.057 ms
Loss rate: 0.30%
```

Run 6: Report of WebRTC media — Data Link

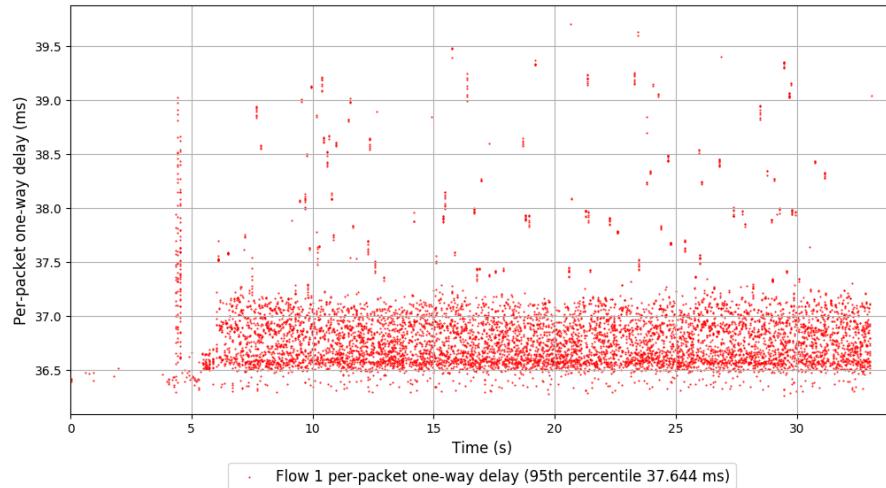
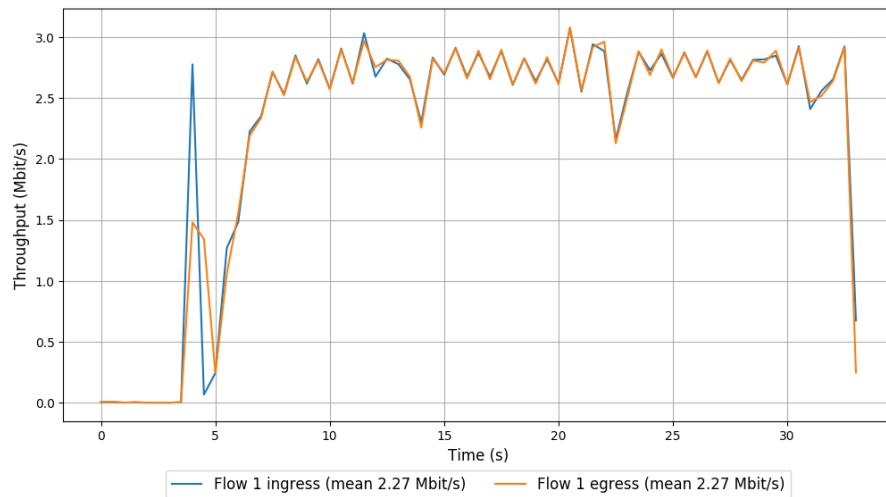


Run 7: Statistics of WebRTC media

```
Start at: Fri, 30 Jun 2017 00:20:23 +0000
End at: Fri, 30 Jun 2017 00:20:54 +0000
Local clock offset: -0.332 ms
Remote clock offset: -4.581 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:21:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 37.644 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 37.644 ms
Loss rate: 0.44%
```

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

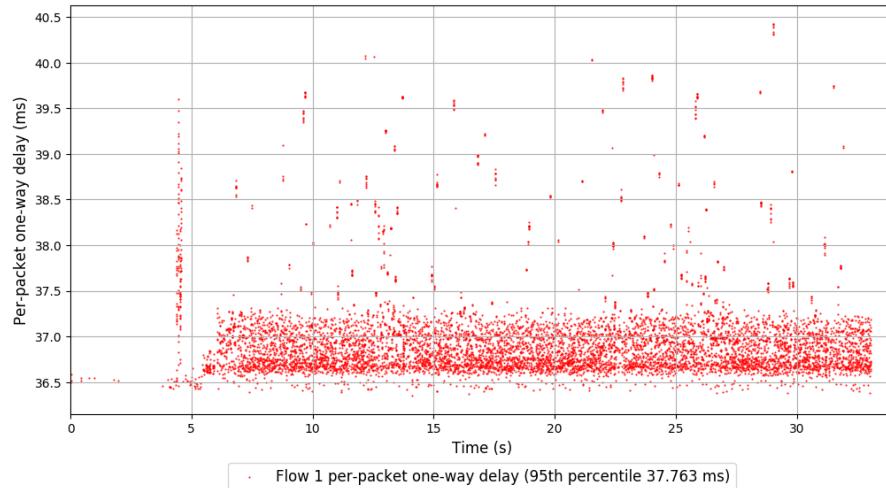
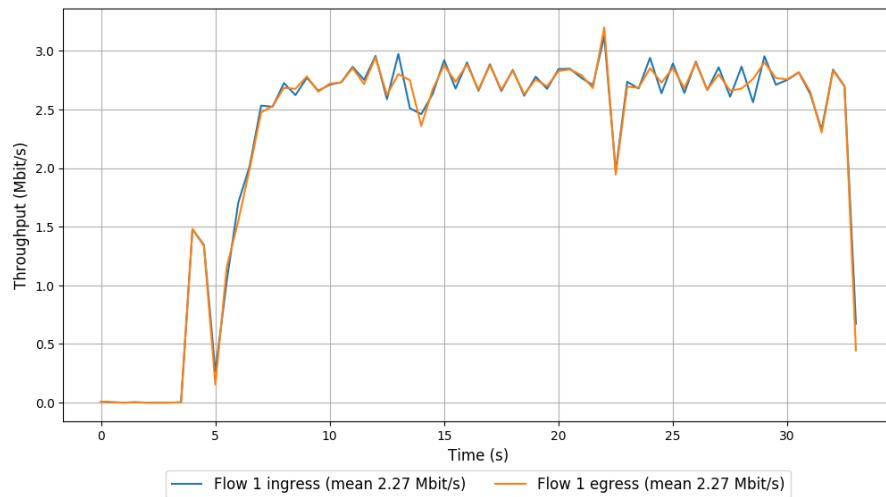


Run 8: Statistics of WebRTC media

```
Start at: Fri, 30 Jun 2017 00:40:08 +0000
End at: Fri, 30 Jun 2017 00:40:38 +0000
Local clock offset: -0.349 ms
Remote clock offset: -2.575 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:21:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 37.763 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 37.763 ms
Loss rate: 0.30%
```

Run 8: Report of WebRTC media — Data Link

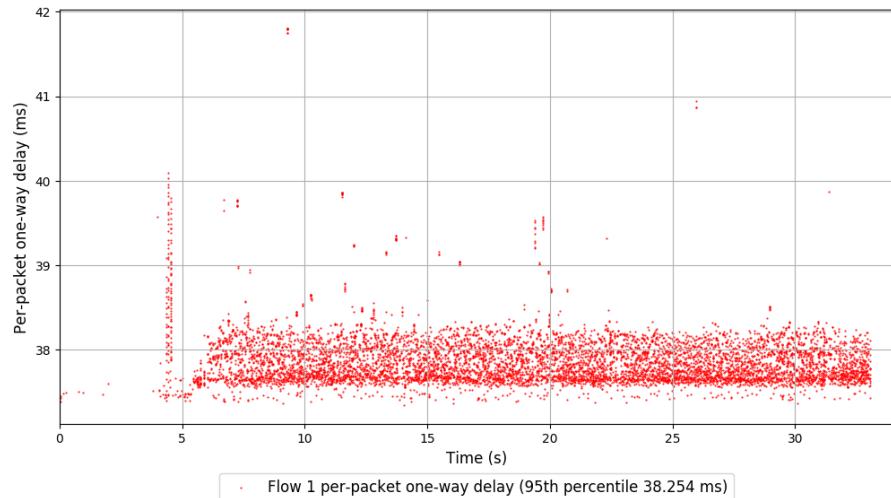
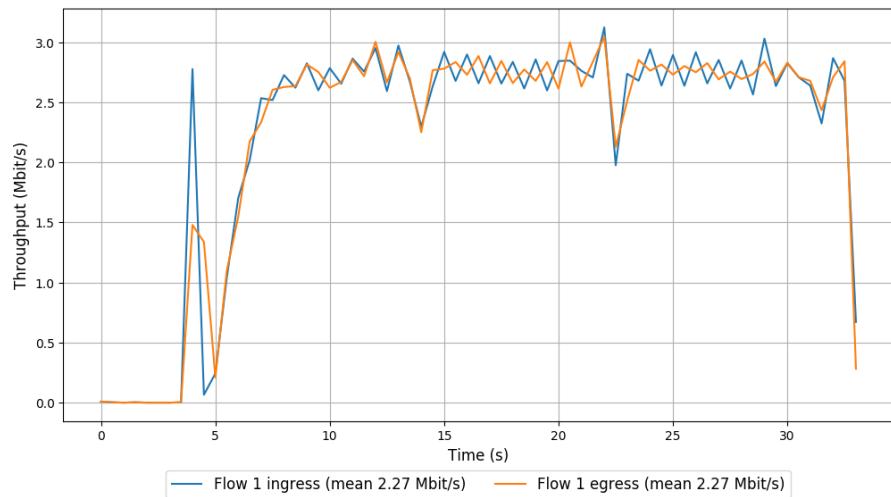


Run 9: Statistics of WebRTC media

```
Start at: Fri, 30 Jun 2017 00:59:53 +0000
End at: Fri, 30 Jun 2017 01:00:23 +0000
Local clock offset: -0.431 ms
Remote clock offset: -4.56 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:21:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 38.254 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 38.254 ms
Loss rate: 0.30%
```

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



```
Run 10: Statistics of WebRTC media
```

```
Start at: Fri, 30 Jun 2017 01:19:37 +0000
```

```
End at: Fri, 30 Jun 2017 01:20:07 +0000
```

```
Local clock offset: -0.08 ms
```

```
Remote clock offset: -2.345 ms
```

```
# Below is generated by plot.py at Fri, 30 Jun 2017 02:21:20 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 2.27 Mbit/s
```

```
95th percentile per-packet one-way delay: 38.027 ms
```

```
Loss rate: 0.44%
```

```
-- Flow 1:
```

```
Average throughput: 2.27 Mbit/s
```

```
95th percentile per-packet one-way delay: 38.027 ms
```

```
Loss rate: 0.44%
```

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

