

**Pantheon Summary** (Generated at Fri, 16 Jun 2017 08:08:51 +0000 with  
pantheon version f1f579919e2382b18c1fb18b676e821e7efc0b62)

Repeated the test of 15 congestion control schemes 10 times.

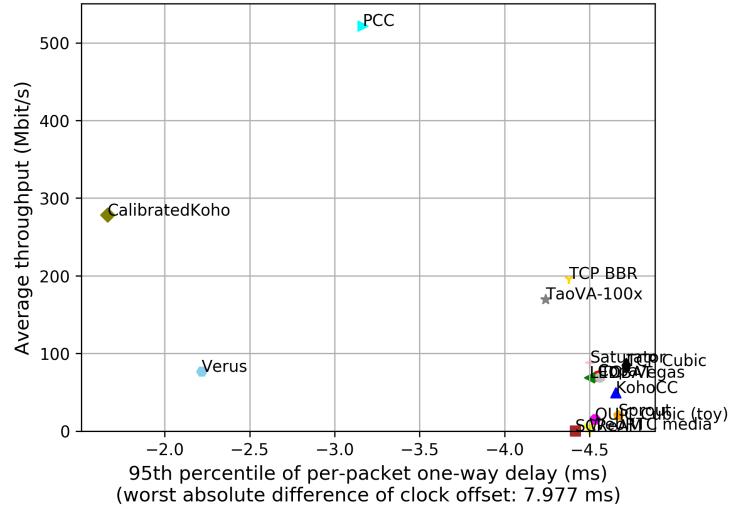
Each test lasted for 30 seconds running 1 flow.

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

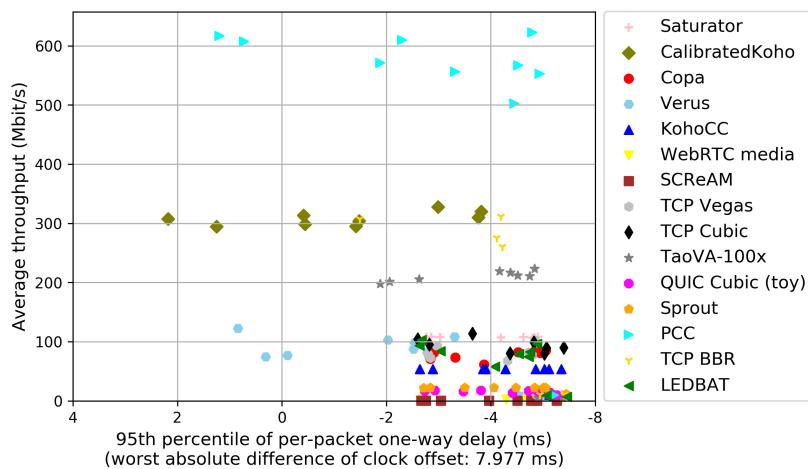
NTP offset measured against time.stanford.edu.

```
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
```

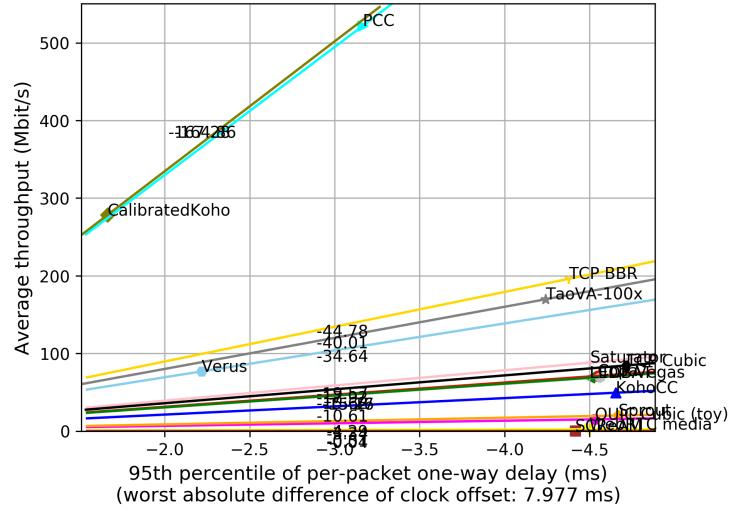
test from Stanford Ethernet to AWS California 1 Ethernet, 10 runs of 30s each per scheme  
mean of all runs by scheme



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



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

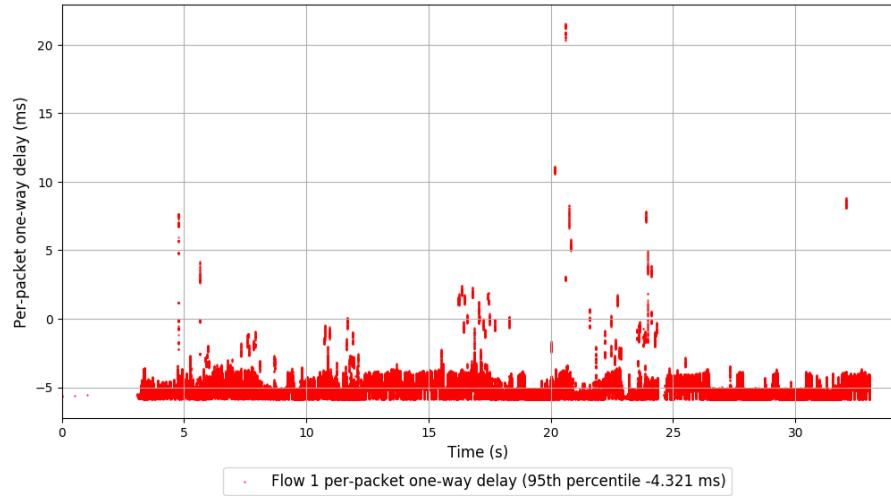
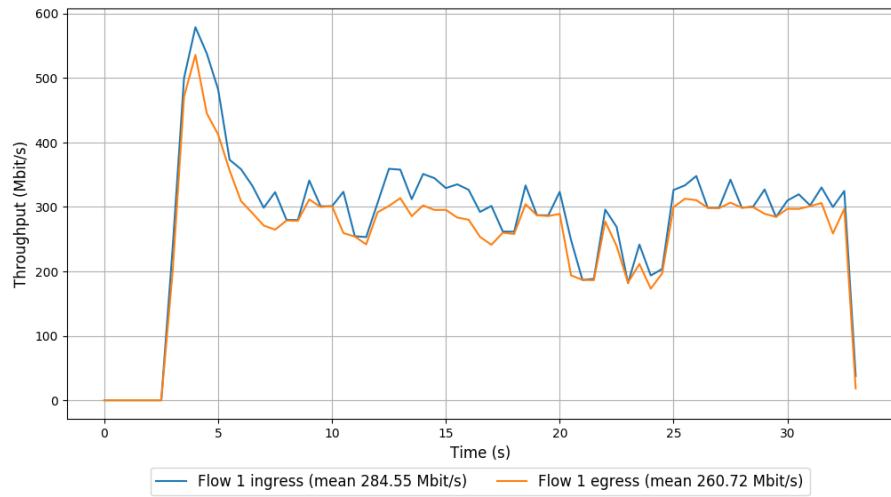


Run 1: Statistics of TCP BBR

```
Start at: Fri, 16 Jun 2017 02:34:58 +0000
End at: Fri, 16 Jun 2017 02:35:28 +0000
Local clock offset: 3.428 ms
Remote clock offset: -3.257 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:44:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 260.72 Mbit/s
95th percentile per-packet one-way delay: -4.321 ms
Loss rate: 8.43%
-- Flow 1:
Average throughput: 260.72 Mbit/s
95th percentile per-packet one-way delay: -4.321 ms
Loss rate: 8.43%
```

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

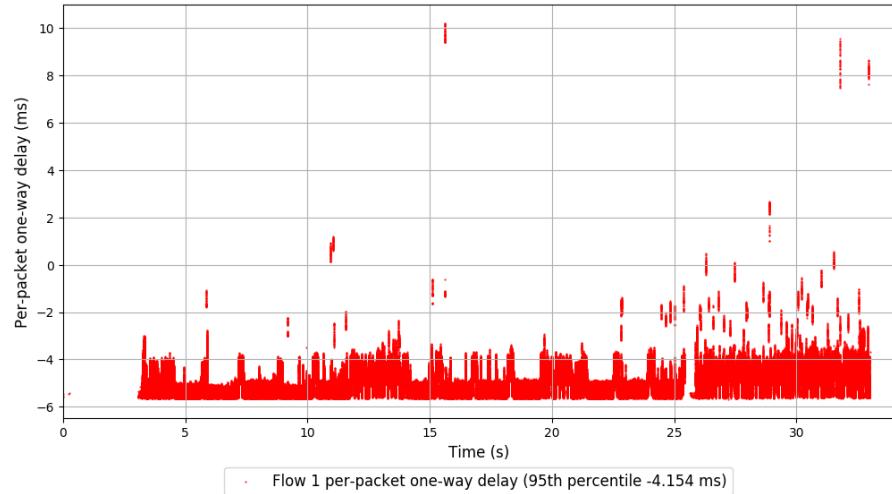
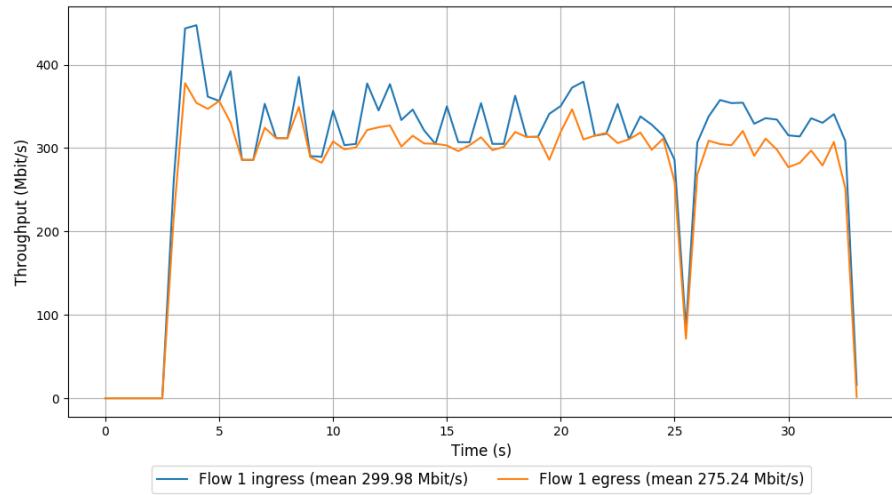


Run 2: Statistics of TCP BBR

```
Start at: Fri, 16 Jun 2017 02:54:34 +0000
End at: Fri, 16 Jun 2017 02:55:04 +0000
Local clock offset: 3.207 ms
Remote clock offset: -3.388 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:44:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 275.24 Mbit/s
95th percentile per-packet one-way delay: -4.154 ms
Loss rate: 8.30%
-- Flow 1:
Average throughput: 275.24 Mbit/s
95th percentile per-packet one-way delay: -4.154 ms
Loss rate: 8.30%
```

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



Run 3: Statistics of TCP BBR

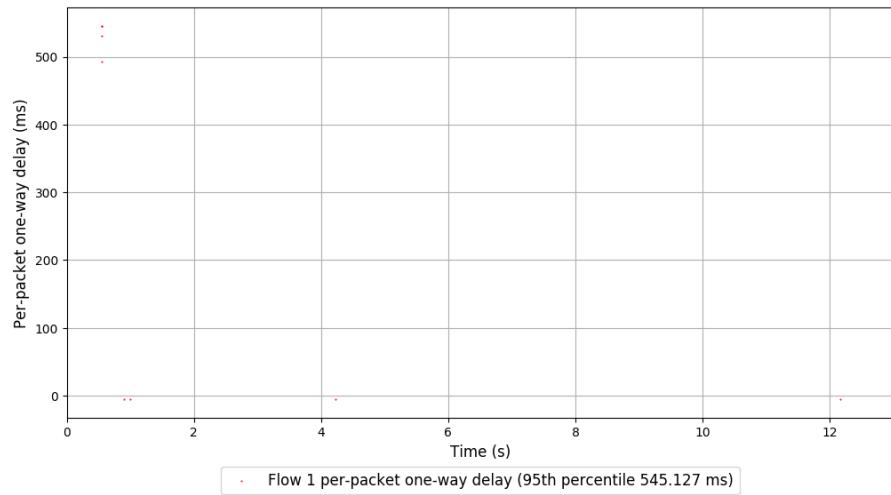
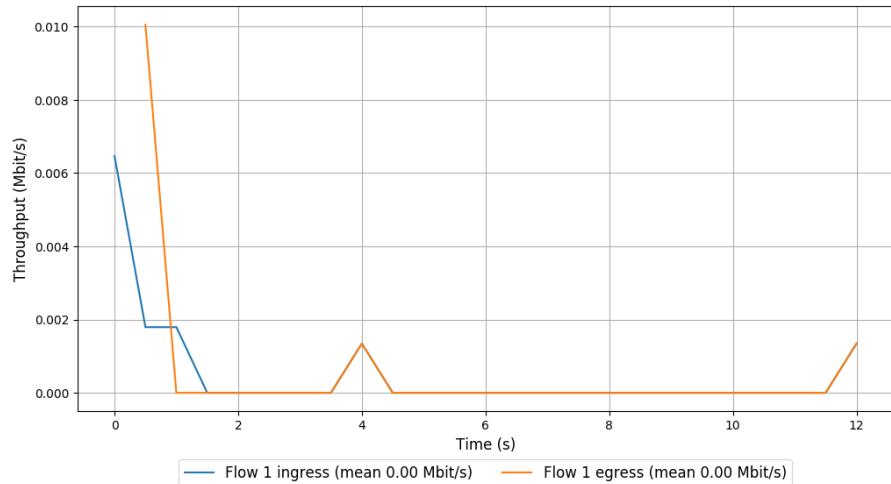
Start at: Fri, 16 Jun 2017 03:14:12 +0000

End at: Fri, 16 Jun 2017 03:14:42 +0000

Local clock offset: 3.041 ms

Remote clock offset: -3.382 ms

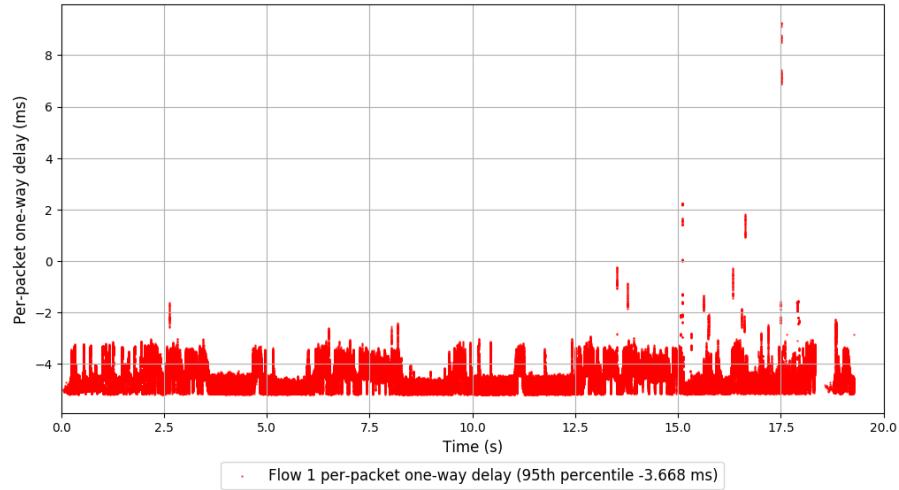
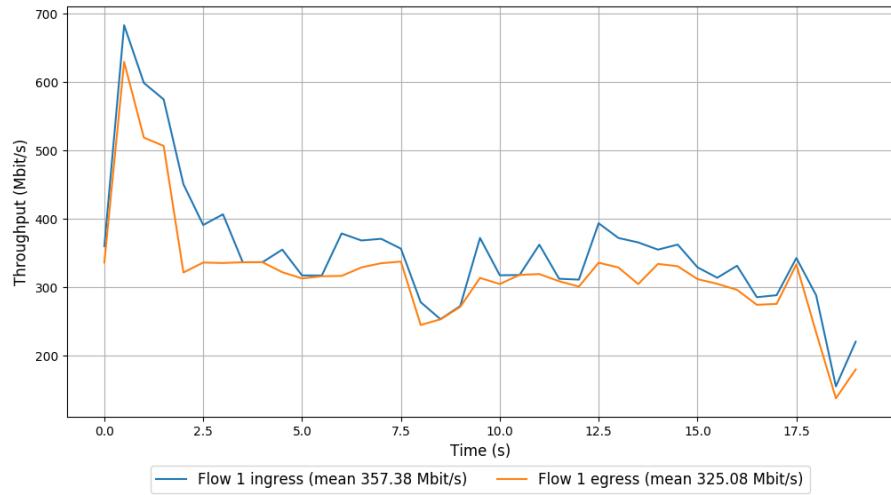
### Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: Fri, 16 Jun 2017 03:33:34 +0000  
End at: Fri, 16 Jun 2017 03:34:04 +0000  
Local clock offset: 2.924 ms  
Remote clock offset: -3.208 ms

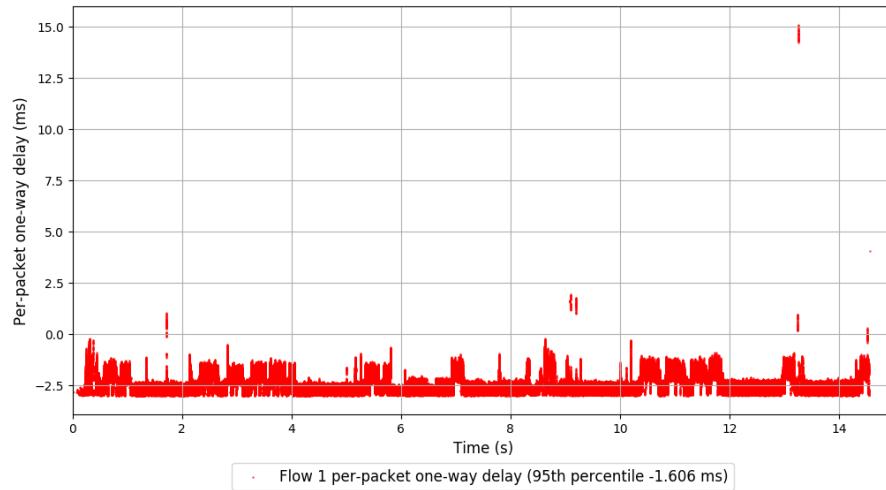
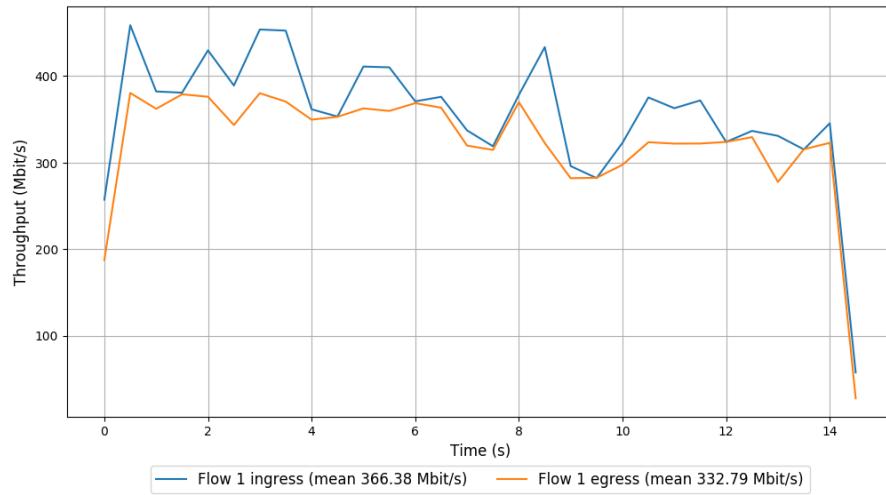
## Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: Fri, 16 Jun 2017 03:53:00 +0000  
End at: Fri, 16 Jun 2017 03:53:30 +0000  
Local clock offset: 1.075 ms  
Remote clock offset: -3.005 ms

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

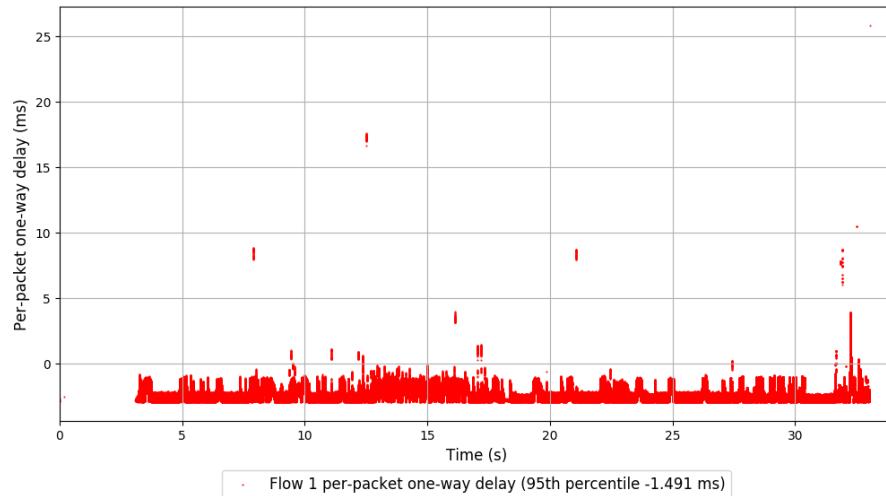
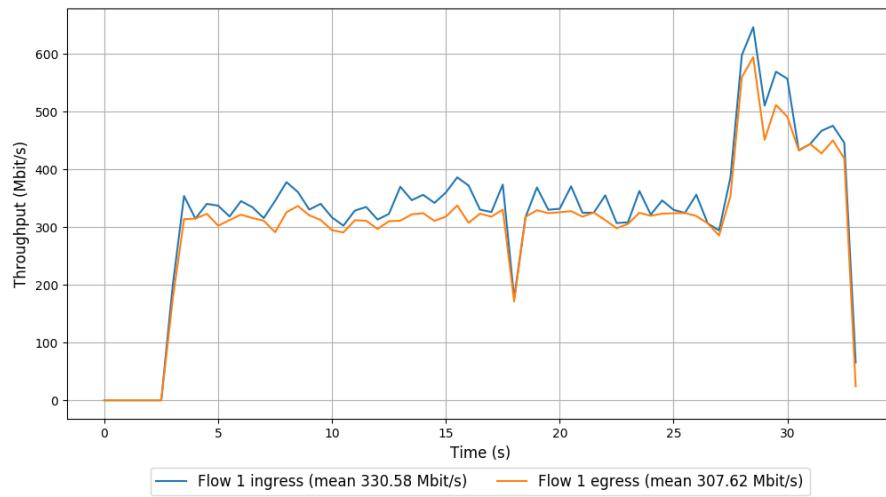


Run 6: Statistics of TCP BBR

```
Start at: Fri, 16 Jun 2017 04:12:31 +0000
End at: Fri, 16 Jun 2017 04:13:01 +0000
Local clock offset: 0.813 ms
Remote clock offset: -3.213 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:45:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 307.62 Mbit/s
95th percentile per-packet one-way delay: -1.491 ms
Loss rate: 6.93%
-- Flow 1:
Average throughput: 307.62 Mbit/s
95th percentile per-packet one-way delay: -1.491 ms
Loss rate: 6.93%
```

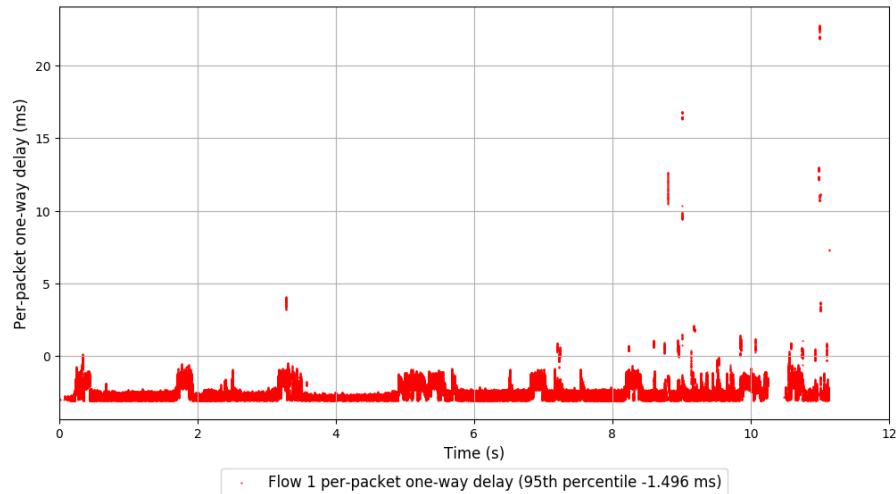
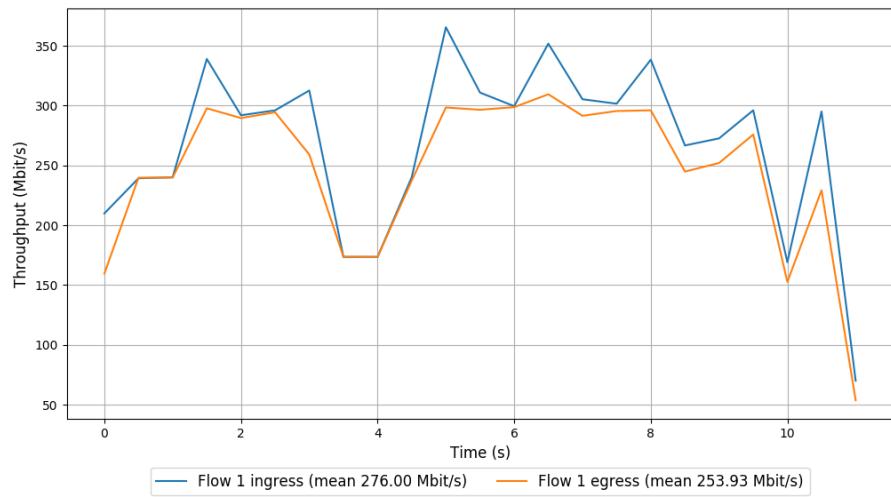
## Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

Start at: Fri, 16 Jun 2017 04:32:14 +0000  
End at: Fri, 16 Jun 2017 04:32:44 +0000  
Local clock offset: 1.048 ms  
Remote clock offset: -2.956 ms

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

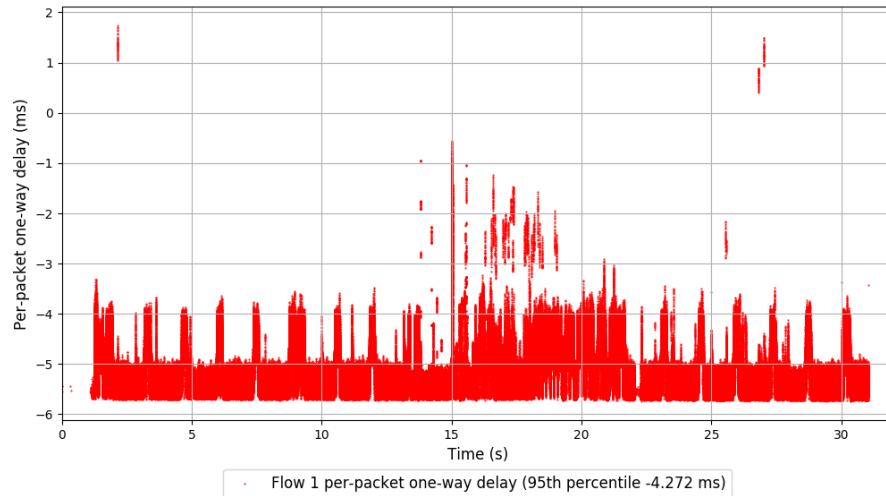
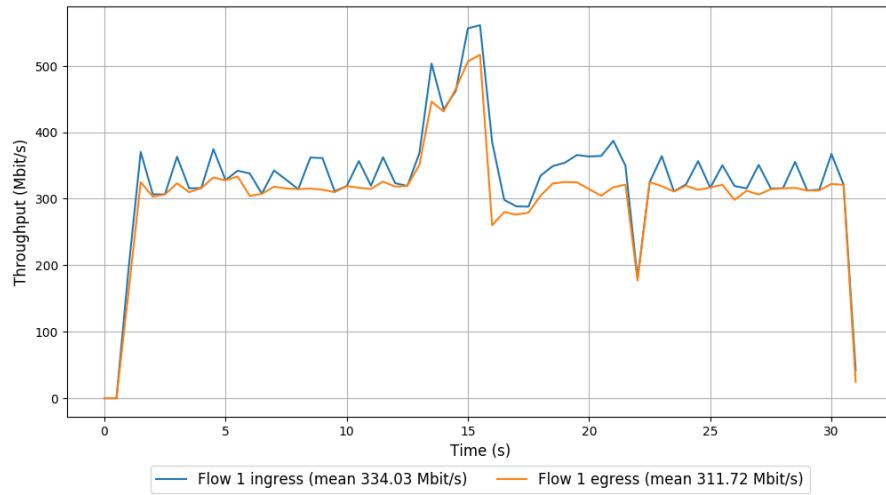


Run 8: Statistics of TCP BBR

```
Start at: Fri, 16 Jun 2017 04:51:45 +0000
End at: Fri, 16 Jun 2017 04:52:15 +0000
Local clock offset: 3.603 ms
Remote clock offset: -3.139 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:46:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 311.72 Mbit/s
95th percentile per-packet one-way delay: -4.272 ms
Loss rate: 6.74%
-- Flow 1:
Average throughput: 311.72 Mbit/s
95th percentile per-packet one-way delay: -4.272 ms
Loss rate: 6.74%
```

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

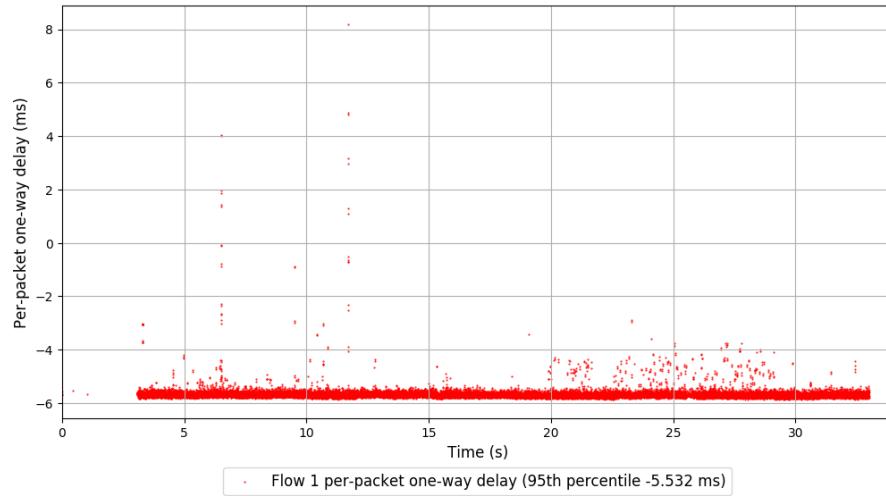
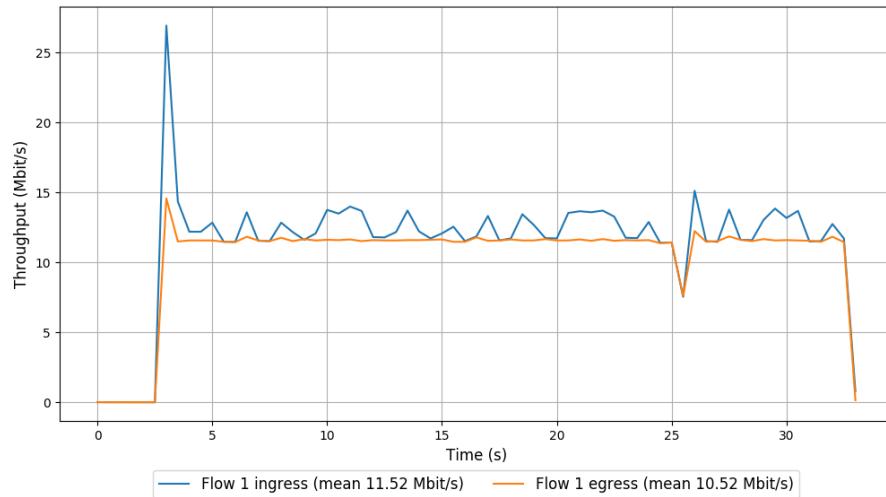


Run 9: Statistics of TCP BBR

```
Start at: Fri, 16 Jun 2017 05:10:58 +0000
End at: Fri, 16 Jun 2017 05:11:28 +0000
Local clock offset: 4.291 ms
Remote clock offset: -2.608 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:46:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.52 Mbit/s
95th percentile per-packet one-way delay: -5.532 ms
Loss rate: 8.70%
-- Flow 1:
Average throughput: 10.52 Mbit/s
95th percentile per-packet one-way delay: -5.532 ms
Loss rate: 8.70%
```

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

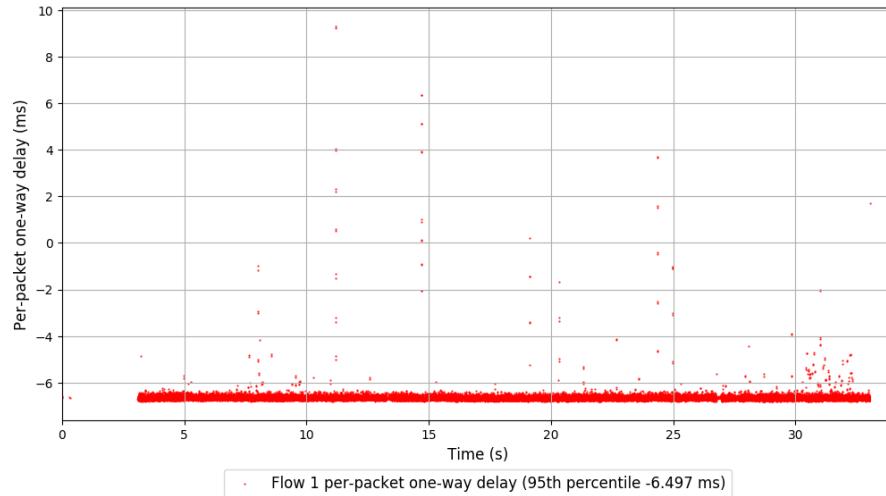
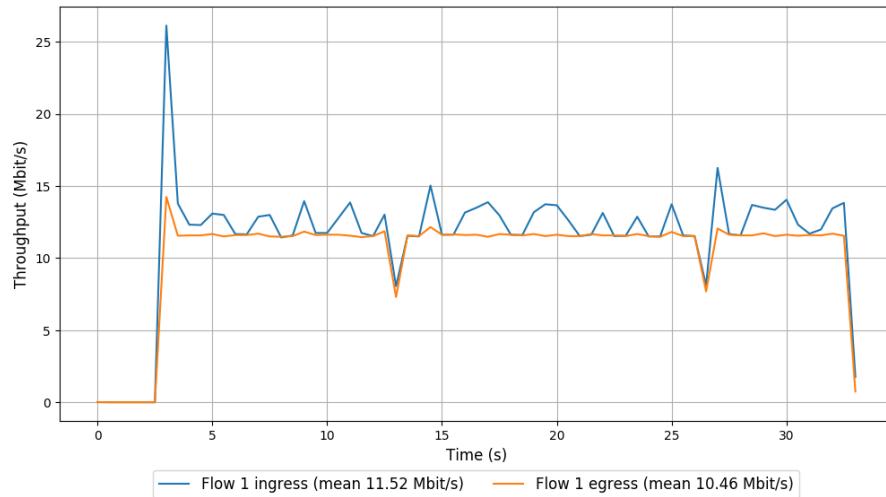


Run 10: Statistics of TCP BBR

```
Start at: Fri, 16 Jun 2017 05:29:06 +0000
End at: Fri, 16 Jun 2017 05:29:36 +0000
Local clock offset: 5.449 ms
Remote clock offset: -2.306 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:46:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.46 Mbit/s
95th percentile per-packet one-way delay: -6.497 ms
Loss rate: 9.18%
-- Flow 1:
Average throughput: 10.46 Mbit/s
95th percentile per-packet one-way delay: -6.497 ms
Loss rate: 9.18%
```

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



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

```
Start at: Fri, 16 Jun 2017 02:45:13 +0000
```

```
End at: Fri, 16 Jun 2017 02:45:43 +0000
```

```
Local clock offset: 3.901 ms
```

```
Remote clock offset: -3.348 ms
```

```
# Below is generated by plot.py at Fri, 16 Jun 2017 07:46:59 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 310.13 Mbit/s
```

```
95th percentile per-packet one-way delay: -3.686 ms
```

```
Loss rate: 63.20%
```

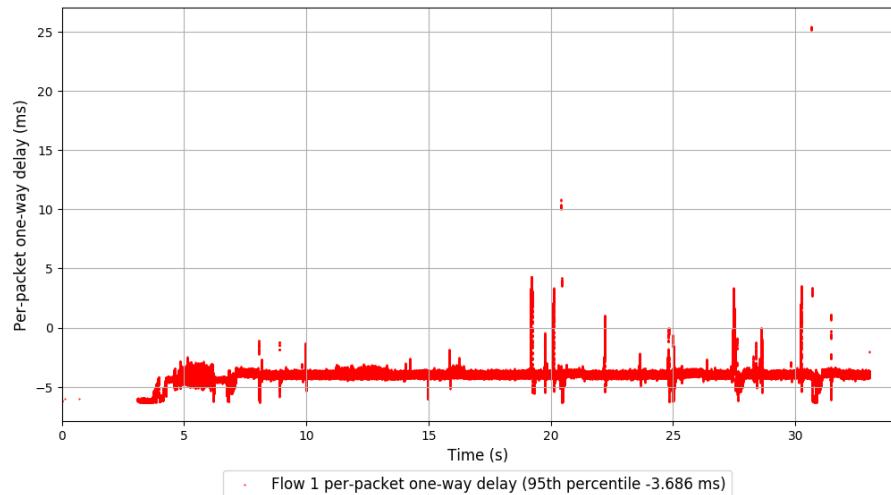
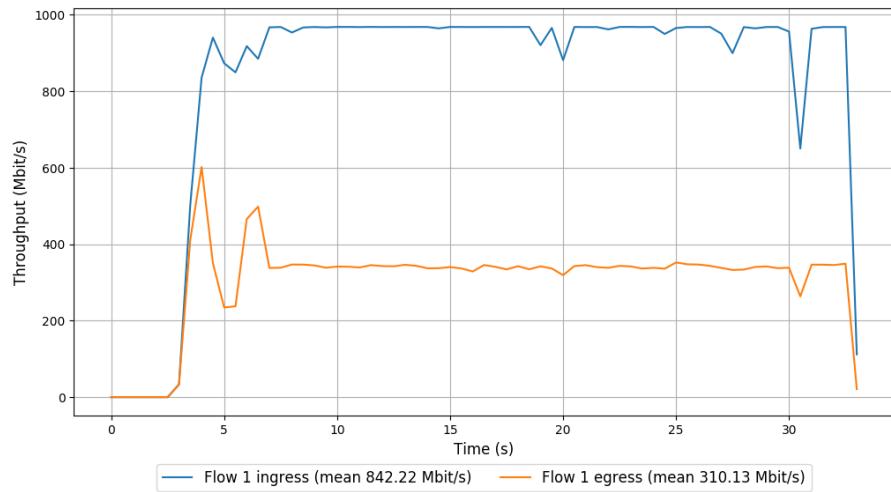
```
-- Flow 1:
```

```
Average throughput: 310.13 Mbit/s
```

```
95th percentile per-packet one-way delay: -3.686 ms
```

```
Loss rate: 63.20%
```

## Run 1: Report of CalibratedKoho — Data Link

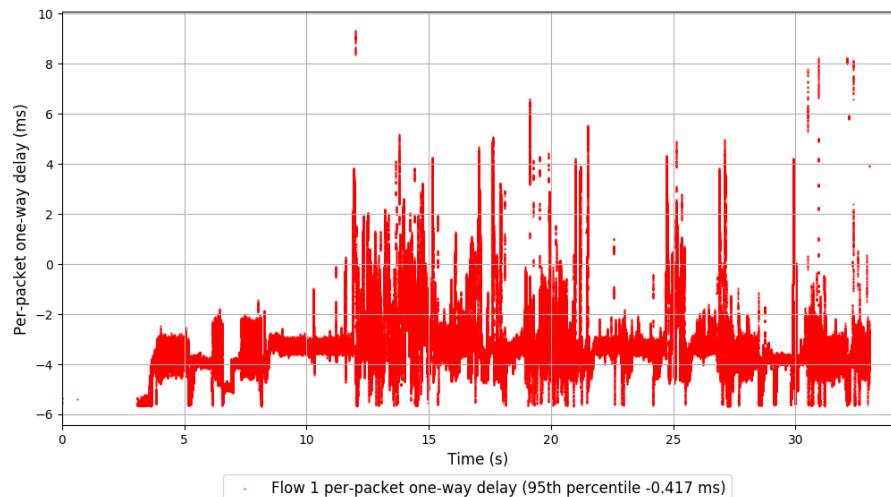
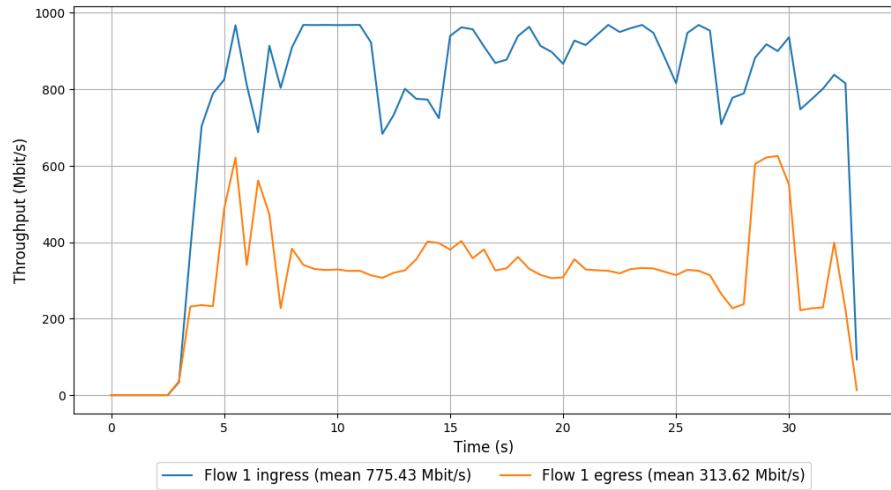


```
Run 2: Statistics of CalibratedKoho
```

```
Start at: Fri, 16 Jun 2017 03:04:51 +0000
End at: Fri, 16 Jun 2017 03:05:21 +0000
Local clock offset: 3.016 ms
Remote clock offset: -3.586 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:47:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 313.62 Mbit/s
95th percentile per-packet one-way delay: -0.417 ms
Loss rate: 59.57%
-- Flow 1:
Average throughput: 313.62 Mbit/s
95th percentile per-packet one-way delay: -0.417 ms
Loss rate: 59.57%
```

## Run 2: Report of CalibratedKoho — Data Link

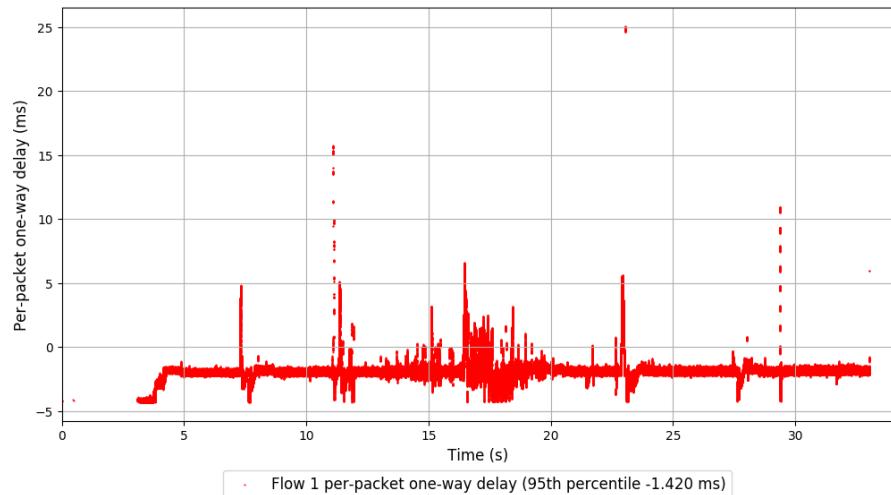
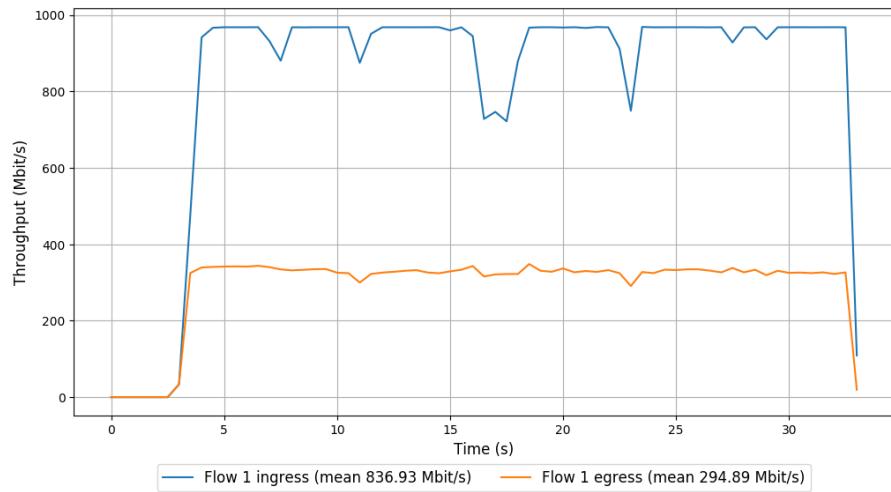


```
Run 3: Statistics of CalibratedKoho
```

```
Start at: Fri, 16 Jun 2017 03:24:16 +0000
End at: Fri, 16 Jun 2017 03:24:46 +0000
Local clock offset: 1.85 ms
Remote clock offset: -3.491 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:47:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 294.89 Mbit/s
95th percentile per-packet one-way delay: -1.420 ms
Loss rate: 64.78%
-- Flow 1:
Average throughput: 294.89 Mbit/s
95th percentile per-packet one-way delay: -1.420 ms
Loss rate: 64.78%
```

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



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

```
Start at: Fri, 16 Jun 2017 03:43:43 +0000
```

```
End at: Fri, 16 Jun 2017 03:44:13 +0000
```

```
Local clock offset: 1.777 ms
```

```
Remote clock offset: -3.075 ms
```

```
# Below is generated by plot.py at Fri, 16 Jun 2017 07:48:02 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 298.61 Mbit/s
```

```
95th percentile per-packet one-way delay: -0.441 ms
```

```
Loss rate: 62.11%
```

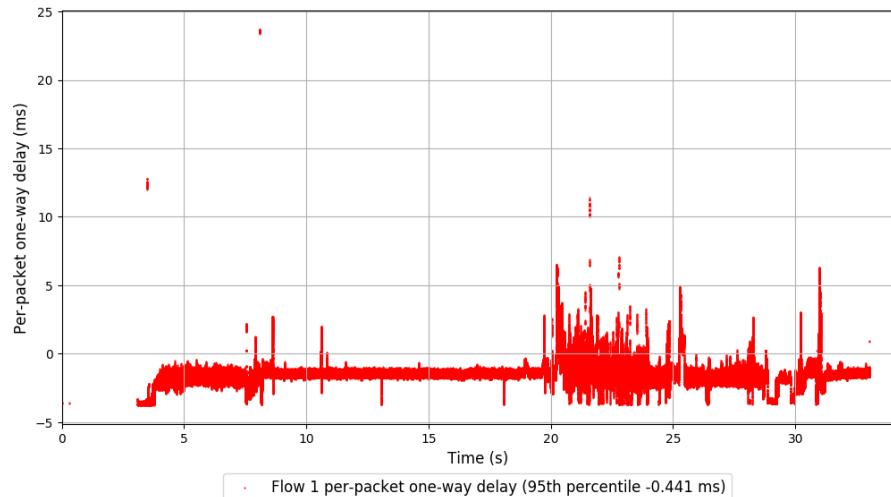
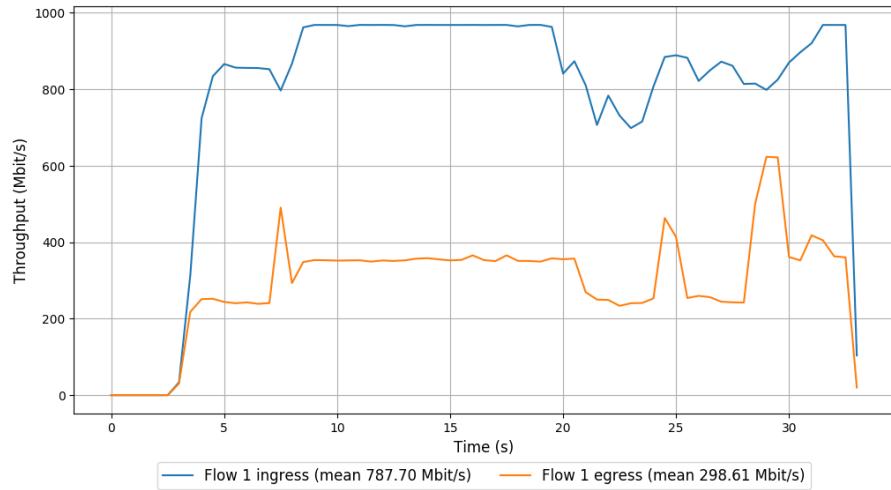
```
-- Flow 1:
```

```
Average throughput: 298.61 Mbit/s
```

```
95th percentile per-packet one-way delay: -0.441 ms
```

```
Loss rate: 62.11%
```

## Run 4: Report of CalibratedKoho — Data Link



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

```
Start at: Fri, 16 Jun 2017 04:03:14 +0000
```

```
End at: Fri, 16 Jun 2017 04:03:44 +0000
```

```
Local clock offset: 0.849 ms
```

```
Remote clock offset: -3.129 ms
```

```
# Below is generated by plot.py at Fri, 16 Jun 2017 07:48:43 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 294.70 Mbit/s
```

```
95th percentile per-packet one-way delay: 1.254 ms
```

```
Loss rate: 64.12%
```

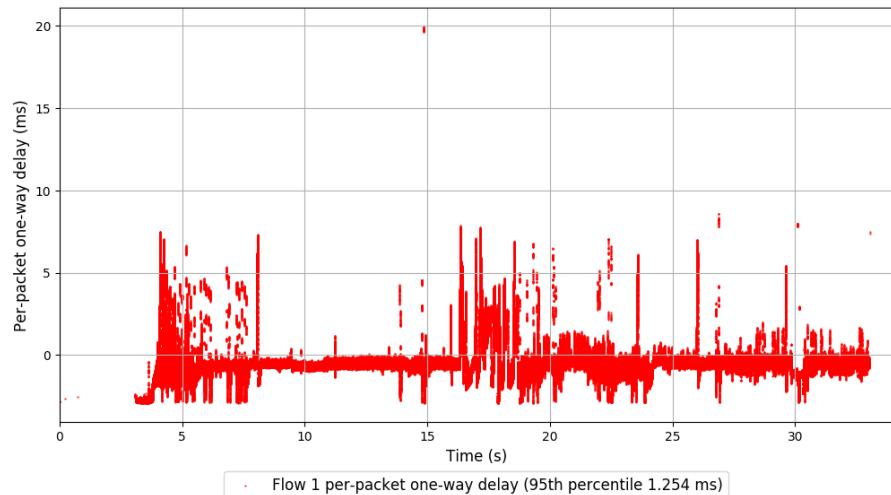
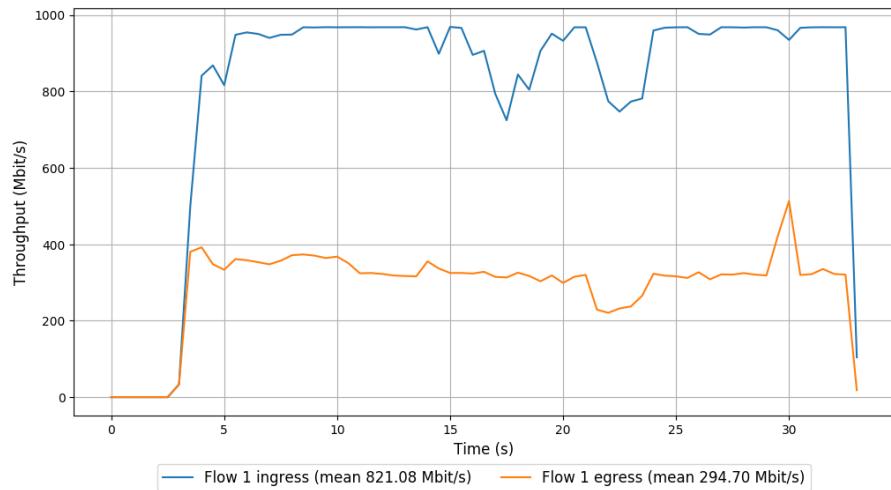
```
-- Flow 1:
```

```
Average throughput: 294.70 Mbit/s
```

```
95th percentile per-packet one-way delay: 1.254 ms
```

```
Loss rate: 64.12%
```

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

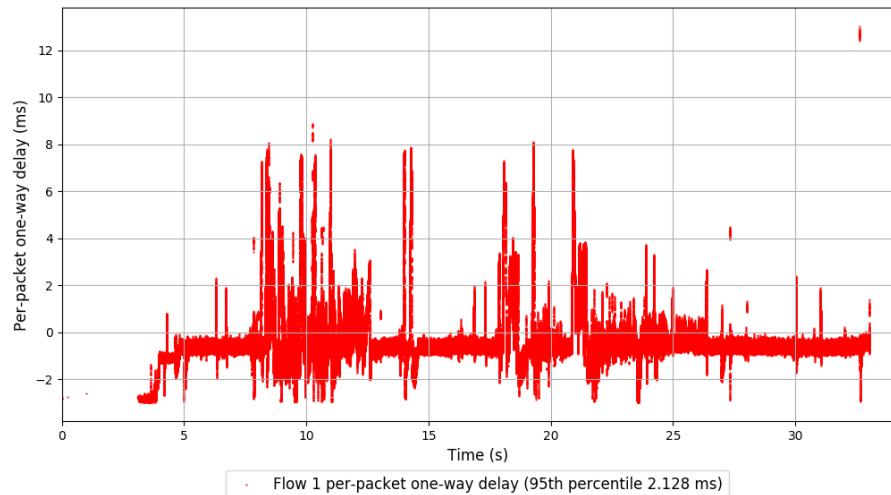
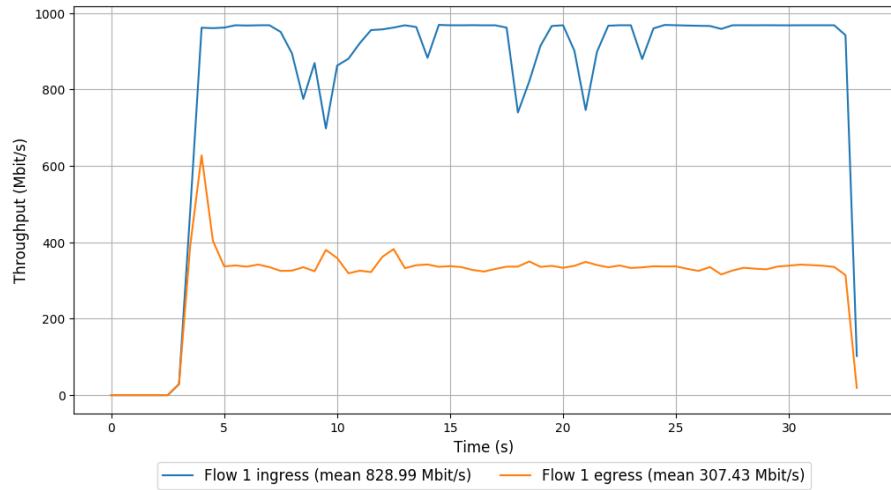


Run 6: Statistics of CalibratedKoho

```
Start at: Fri, 16 Jun 2017 04:22:55 +0000
End at: Fri, 16 Jun 2017 04:23:25 +0000
Local clock offset: 0.932 ms
Remote clock offset: -3.075 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:48:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 307.43 Mbit/s
95th percentile per-packet one-way delay: 2.128 ms
Loss rate: 62.94%
-- Flow 1:
Average throughput: 307.43 Mbit/s
95th percentile per-packet one-way delay: 2.128 ms
Loss rate: 62.94%
```

## Run 6: Report of CalibratedKoho — Data Link



Run 7: Statistics of CalibratedKoho

Start at: Fri, 16 Jun 2017 04:42:25 +0000

End at: Fri, 16 Jun 2017 04:42:55 +0000

Local clock offset: 2.44 ms

Remote clock offset: -3.081 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:49:53 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 303.95 Mbit/s

95th percentile per-packet one-way delay: -1.476 ms

Loss rate: 63.73%

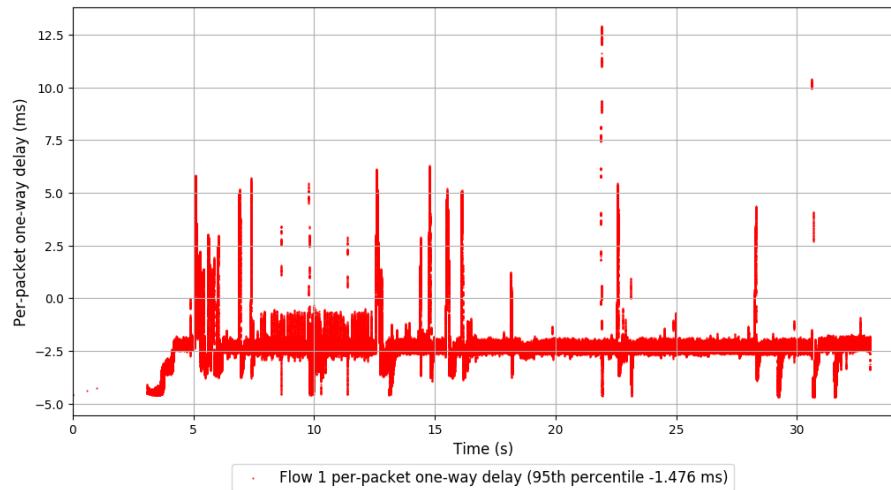
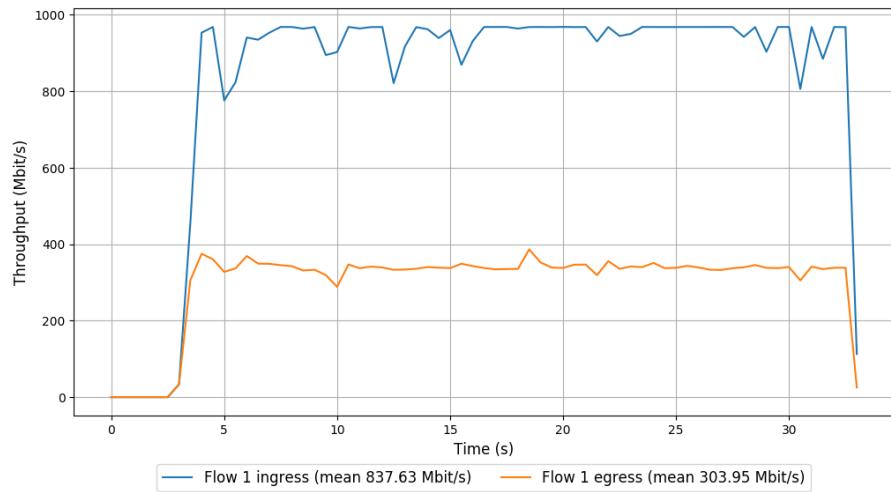
-- Flow 1:

Average throughput: 303.95 Mbit/s

95th percentile per-packet one-way delay: -1.476 ms

Loss rate: 63.73%

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



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

```
Start at: Fri, 16 Jun 2017 05:02:06 +0000
```

```
End at: Fri, 16 Jun 2017 05:02:36 +0000
```

```
Local clock offset: 4.134 ms
```

```
Remote clock offset: -2.744 ms
```

```
# Below is generated by plot.py at Fri, 16 Jun 2017 07:49:59 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 327.69 Mbit/s
```

```
95th percentile per-packet one-way delay: -2.821 ms
```

```
Loss rate: 59.22%
```

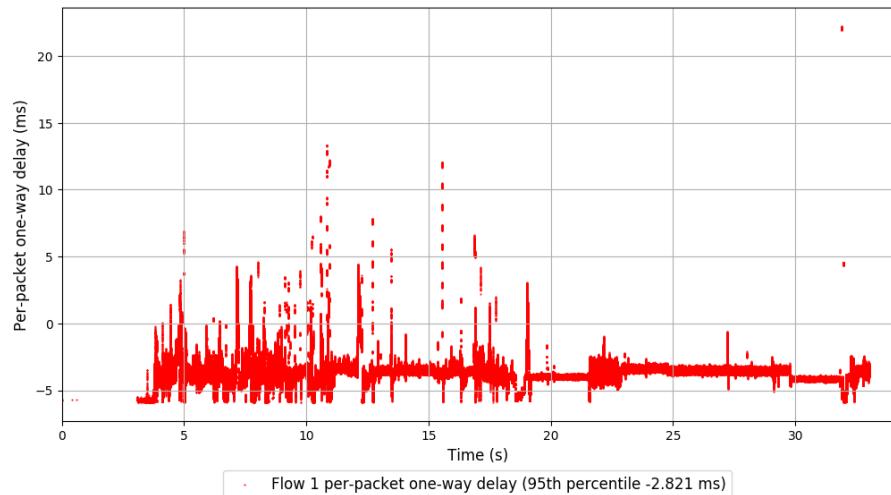
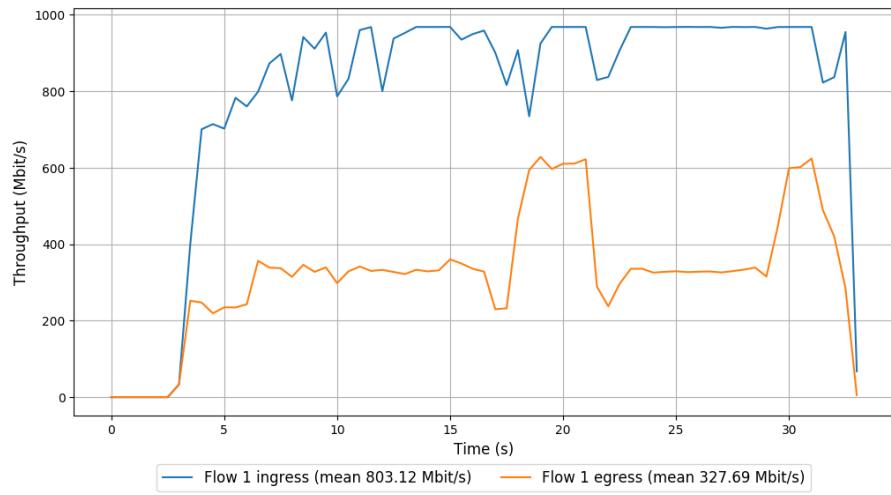
```
-- Flow 1:
```

```
Average throughput: 327.69 Mbit/s
```

```
95th percentile per-packet one-way delay: -2.821 ms
```

```
Loss rate: 59.22%
```

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

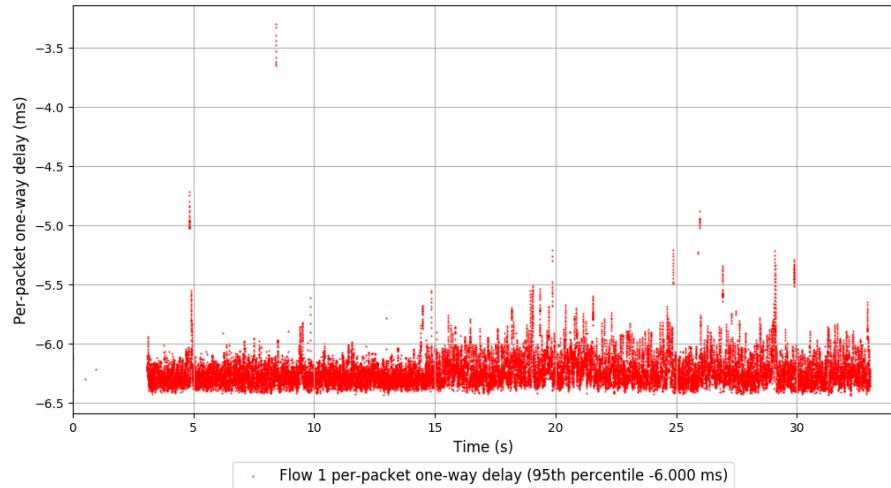
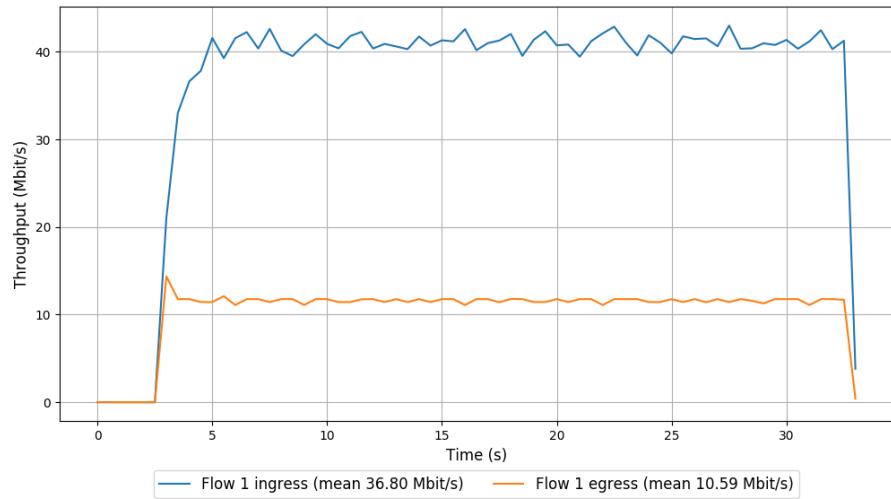


Run 9: Statistics of CalibratedKoho

```
Start at: Fri, 16 Jun 2017 05:20:44 +0000
End at: Fri, 16 Jun 2017 05:21:14 +0000
Local clock offset: 5.041 ms
Remote clock offset: -2.421 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:49:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.59 Mbit/s
95th percentile per-packet one-way delay: -6.000 ms
Loss rate: 71.25%
-- Flow 1:
Average throughput: 10.59 Mbit/s
95th percentile per-packet one-way delay: -6.000 ms
Loss rate: 71.25%
```

Run 9: Report of CalibratedKoho — Data Link



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

```
Start at: Fri, 16 Jun 2017 05:39:13 +0000
```

```
End at: Fri, 16 Jun 2017 05:39:43 +0000
```

```
Local clock offset: 5.312 ms
```

```
Remote clock offset: -2.114 ms
```

```
# Below is generated by plot.py at Fri, 16 Jun 2017 07:51:04 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 320.13 Mbit/s
```

```
95th percentile per-packet one-way delay: -3.750 ms
```

```
Loss rate: 61.92%
```

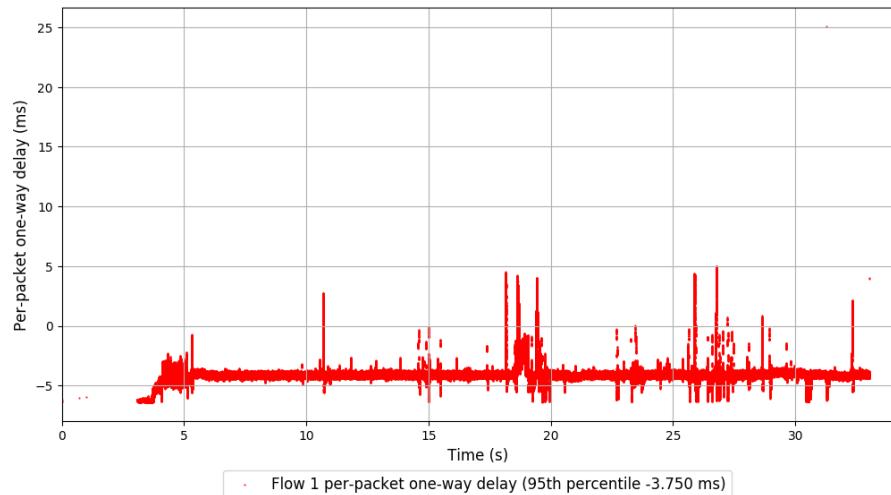
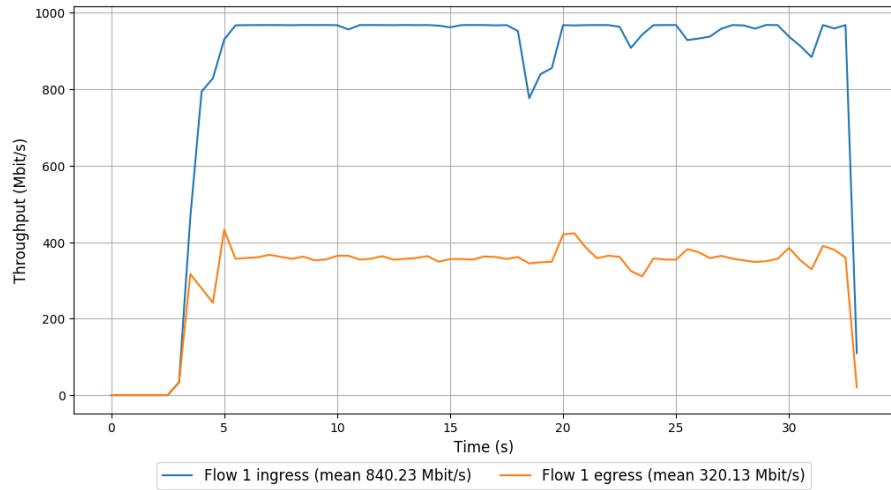
```
-- Flow 1:
```

```
Average throughput: 320.13 Mbit/s
```

```
95th percentile per-packet one-way delay: -3.750 ms
```

```
Loss rate: 61.92%
```

## Run 10: Report of CalibratedKoho — Data Link

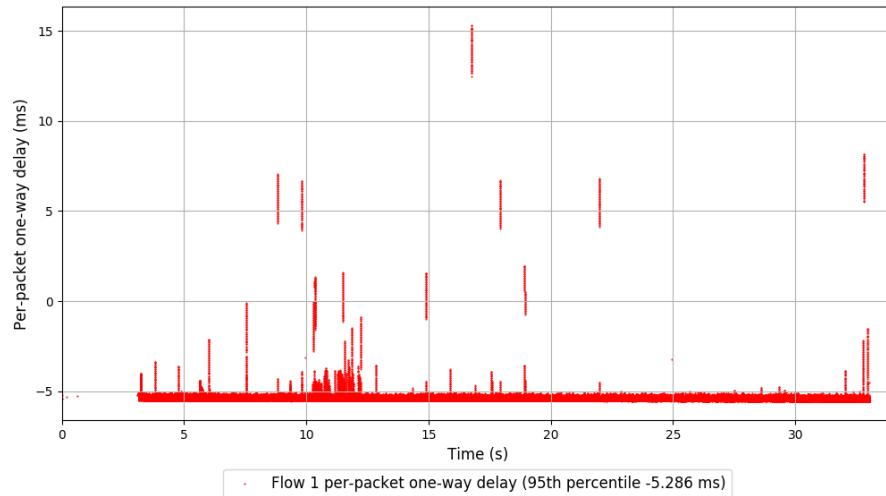
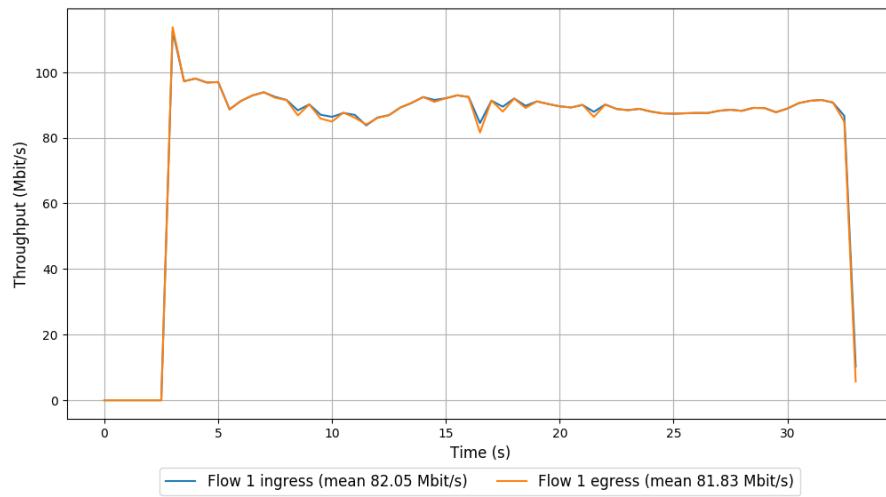


Run 1: Statistics of Copa

```
Start at: Fri, 16 Jun 2017 02:28:27 +0000
End at: Fri, 16 Jun 2017 02:28:57 +0000
Local clock offset: 2.941 ms
Remote clock offset: -3.454 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:51:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.83 Mbit/s
95th percentile per-packet one-way delay: -5.286 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 81.83 Mbit/s
95th percentile per-packet one-way delay: -5.286 ms
Loss rate: 0.32%
```

## Run 1: Report of Copa — Data Link

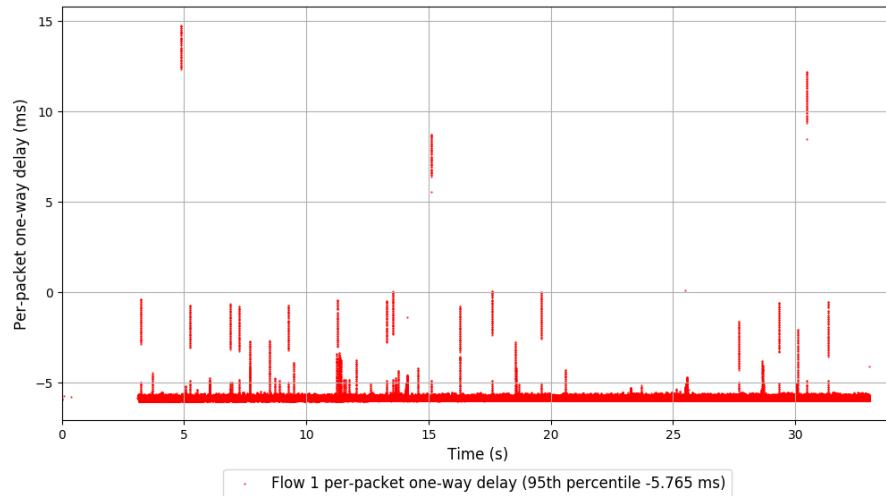
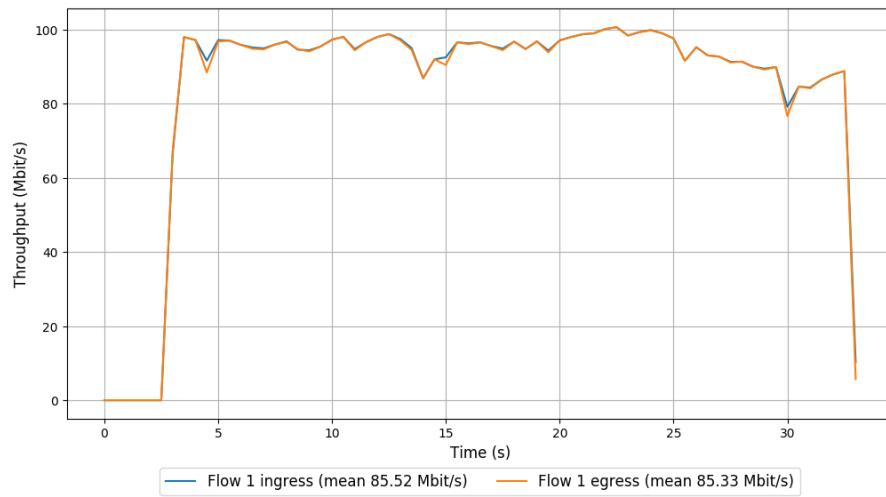


Run 2: Statistics of Copa

```
Start at: Fri, 16 Jun 2017 02:48:04 +0000
End at: Fri, 16 Jun 2017 02:48:34 +0000
Local clock offset: 3.632 ms
Remote clock offset: -3.278 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:51:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.33 Mbit/s
95th percentile per-packet one-way delay: -5.765 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 85.33 Mbit/s
95th percentile per-packet one-way delay: -5.765 ms
Loss rate: 0.28%
```

## Run 2: Report of Copa — Data Link

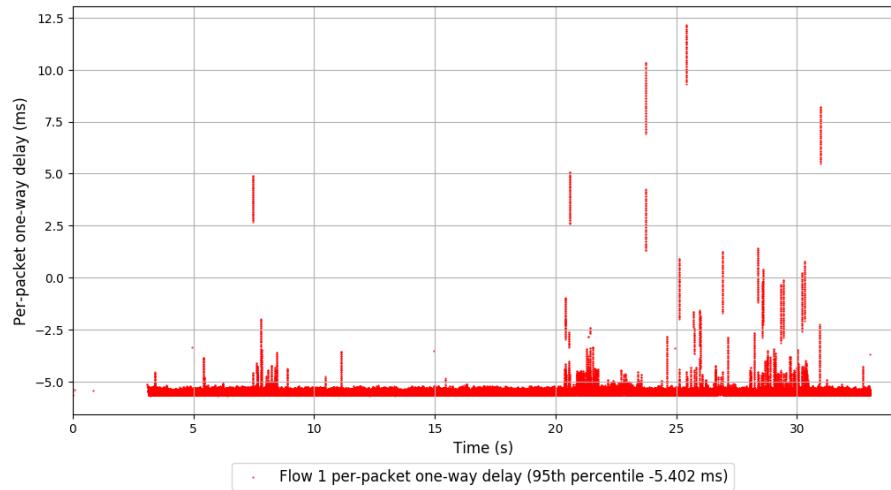
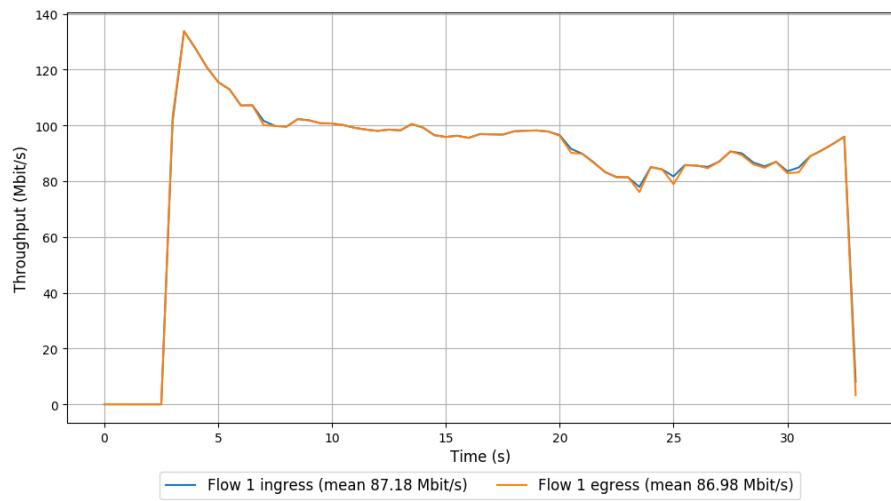


Run 3: Statistics of Copa

```
Start at: Fri, 16 Jun 2017 03:07:42 +0000
End at: Fri, 16 Jun 2017 03:08:12 +0000
Local clock offset: 3.106 ms
Remote clock offset: -3.585 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:51:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.98 Mbit/s
95th percentile per-packet one-way delay: -5.402 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 86.98 Mbit/s
95th percentile per-packet one-way delay: -5.402 ms
Loss rate: 0.28%
```

### Run 3: Report of Copa — Data Link

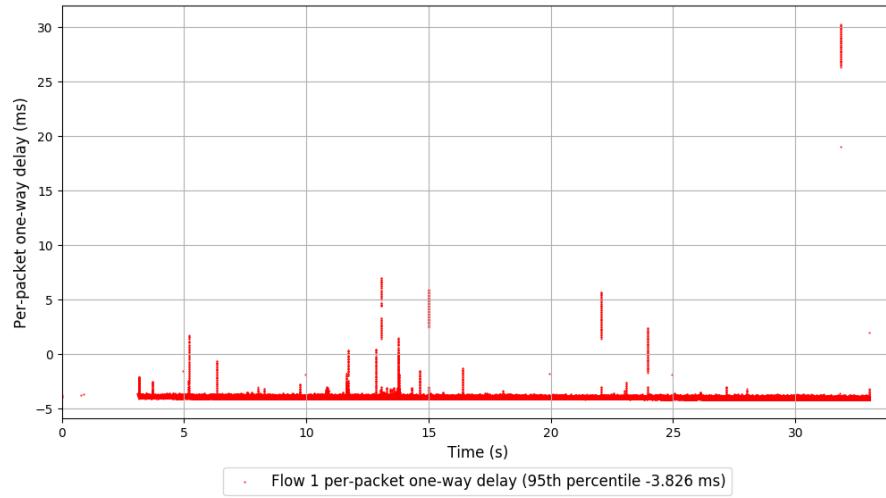
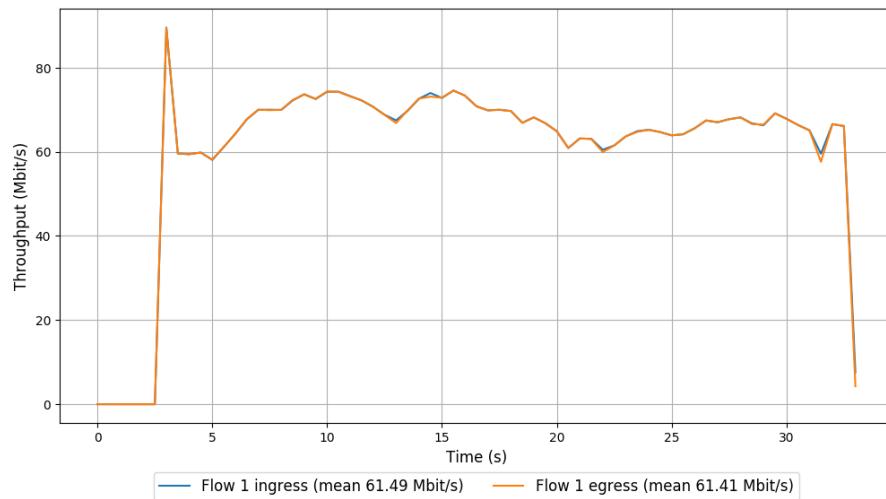


Run 4: Statistics of Copa

```
Start at: Fri, 16 Jun 2017 03:27:07 +0000
End at: Fri, 16 Jun 2017 03:27:37 +0000
Local clock offset: 1.561 ms
Remote clock offset: -3.402 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:51:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 61.41 Mbit/s
95th percentile per-packet one-way delay: -3.826 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 61.41 Mbit/s
95th percentile per-packet one-way delay: -3.826 ms
Loss rate: 0.18%
```

## Run 4: Report of Copa — Data Link

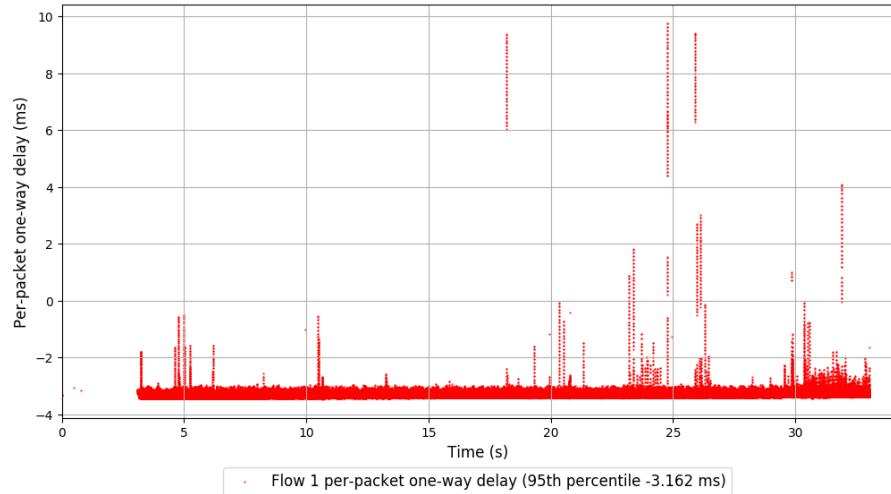
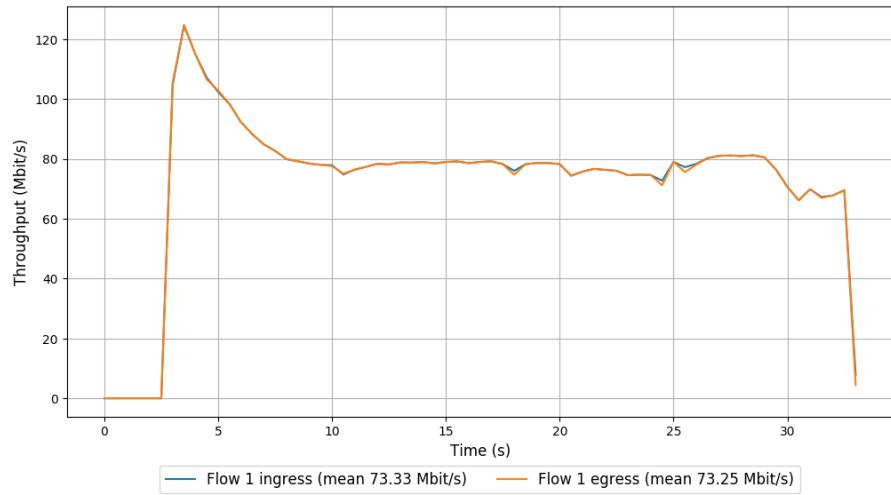


Run 5: Statistics of Copa

```
Start at: Fri, 16 Jun 2017 03:46:33 +0000
End at: Fri, 16 Jun 2017 03:47:03 +0000
Local clock offset: 1.442 ms
Remote clock offset: -3.008 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:51:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.25 Mbit/s
95th percentile per-packet one-way delay: -3.162 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 73.25 Mbit/s
95th percentile per-packet one-way delay: -3.162 ms
Loss rate: 0.16%
```

## Run 5: Report of Copa — Data Link

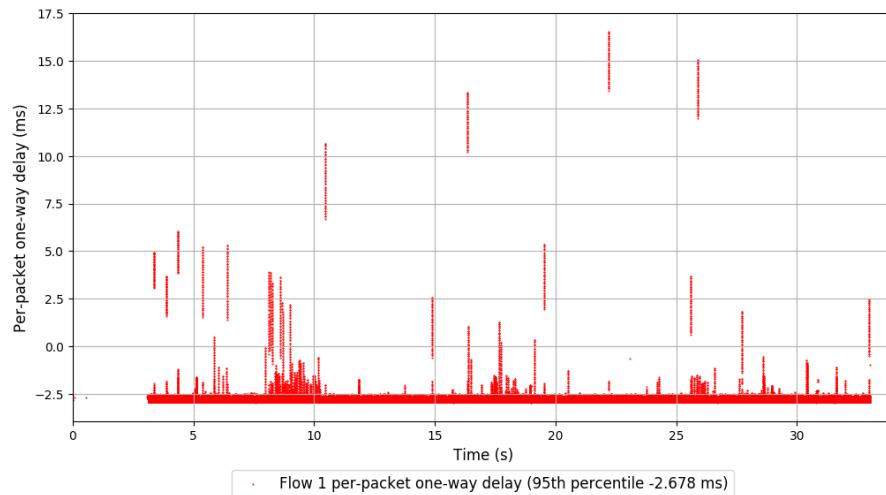
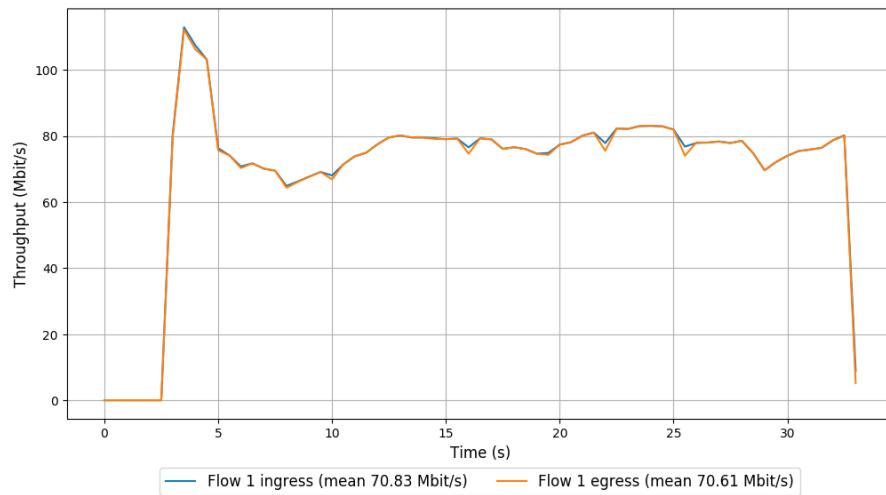


Run 6: Statistics of Copa

```
Start at: Fri, 16 Jun 2017 04:06:04 +0000
End at: Fri, 16 Jun 2017 04:06:34 +0000
Local clock offset: 0.852 ms
Remote clock offset: -3.058 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:51:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.61 Mbit/s
95th percentile per-packet one-way delay: -2.678 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 70.61 Mbit/s
95th percentile per-packet one-way delay: -2.678 ms
Loss rate: 0.37%
```

## Run 6: Report of Copa — Data Link

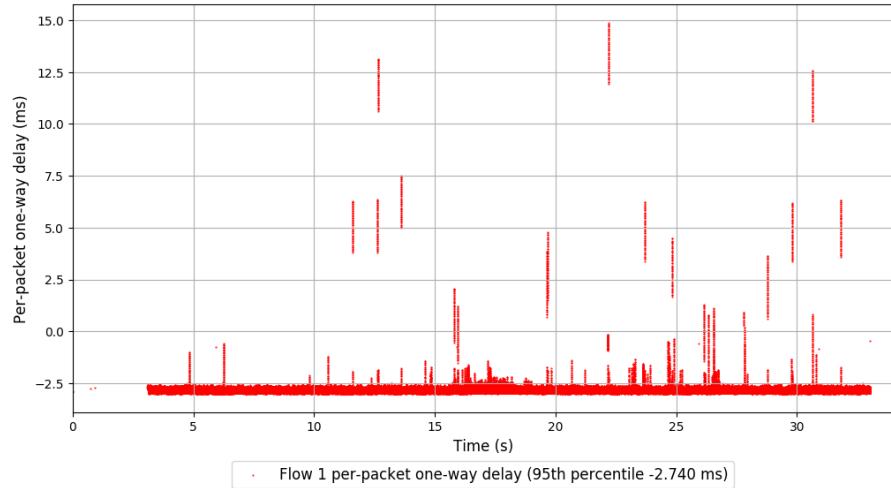
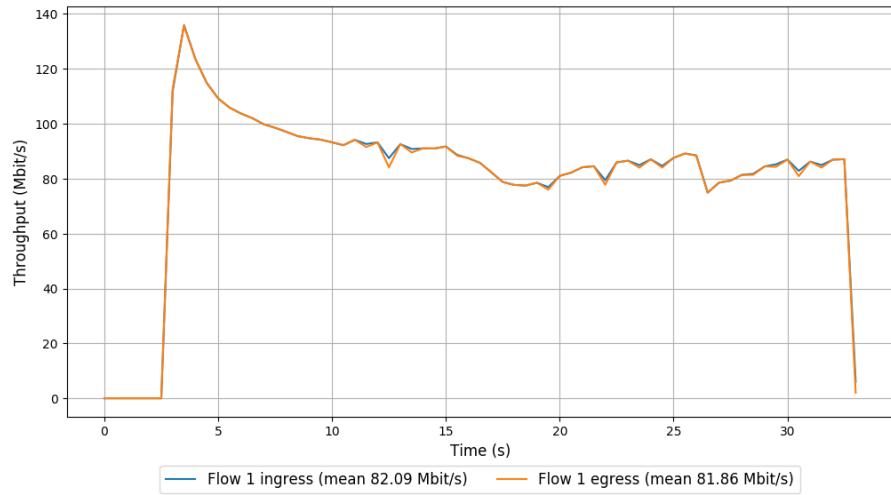


Run 7: Statistics of Copa

```
Start at: Fri, 16 Jun 2017 04:25:47 +0000
End at: Fri, 16 Jun 2017 04:26:17 +0000
Local clock offset: 0.858 ms
Remote clock offset: -3.022 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:51:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.86 Mbit/s
95th percentile per-packet one-way delay: -2.740 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 81.86 Mbit/s
95th percentile per-packet one-way delay: -2.740 ms
Loss rate: 0.32%
```

## Run 7: Report of Copa — Data Link

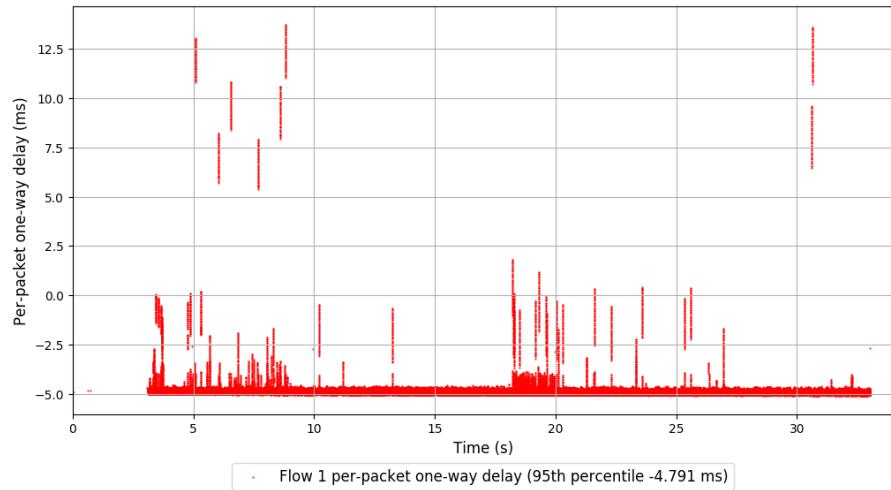
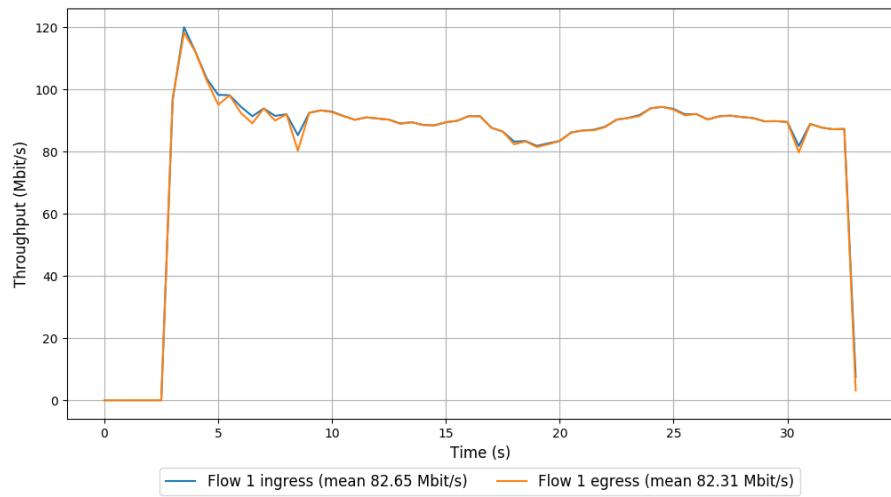


Run 8: Statistics of Copa

```
Start at: Fri, 16 Jun 2017 04:45:17 +0000
End at: Fri, 16 Jun 2017 04:45:47 +0000
Local clock offset: 2.901 ms
Remote clock offset: -3.042 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:52:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.31 Mbit/s
95th percentile per-packet one-way delay: -4.791 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 82.31 Mbit/s
95th percentile per-packet one-way delay: -4.791 ms
Loss rate: 0.46%
```

## Run 8: Report of Copa — Data Link

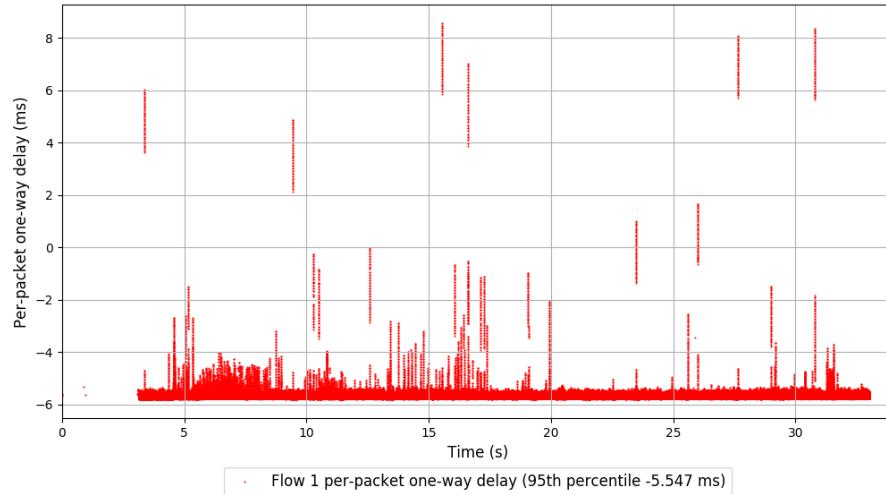
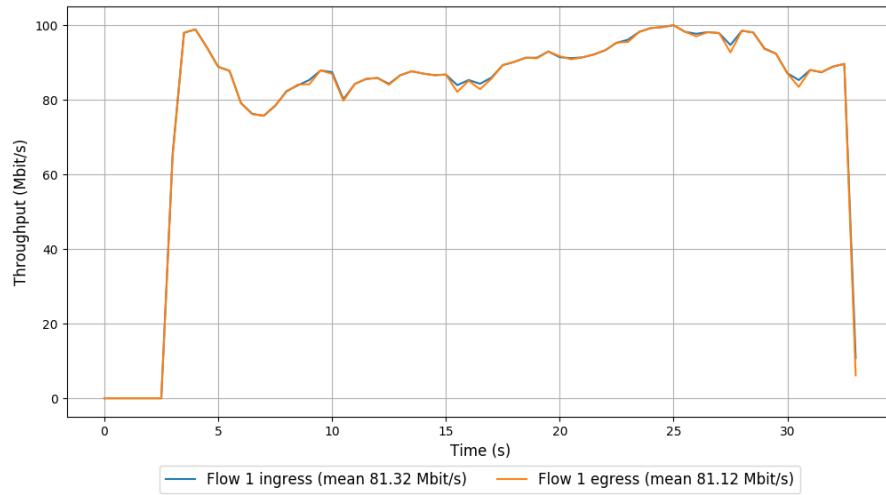


Run 9: Statistics of Copa

```
Start at: Fri, 16 Jun 2017 05:04:58 +0000
End at: Fri, 16 Jun 2017 05:05:28 +0000
Local clock offset: 4.167 ms
Remote clock offset: -2.702 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:52:09 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.12 Mbit/s
95th percentile per-packet one-way delay: -5.547 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 81.12 Mbit/s
95th percentile per-packet one-way delay: -5.547 ms
Loss rate: 0.31%
```

## Run 9: Report of Copa — Data Link

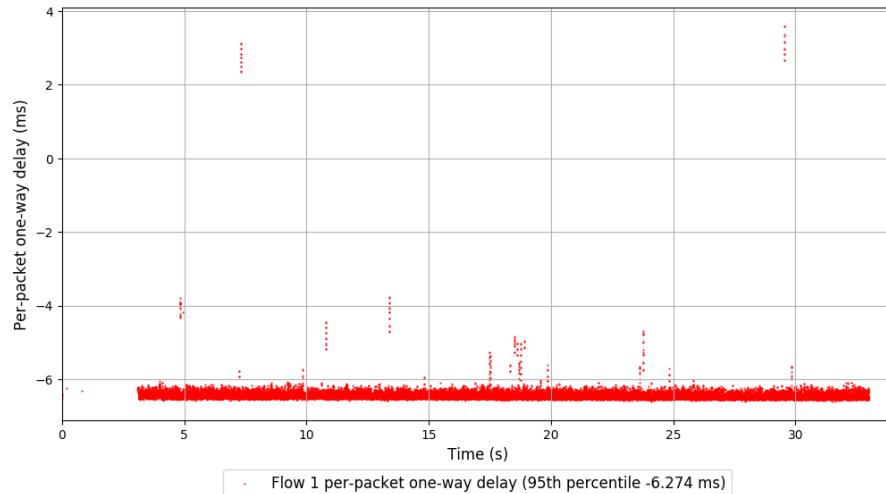
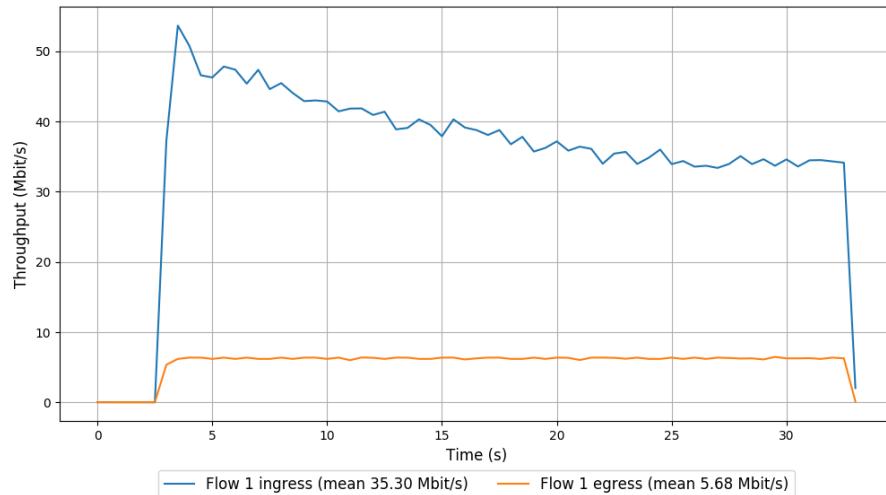


Run 10: Statistics of Copa

```
Start at: Fri, 16 Jun 2017 05:23:08 +0000
End at: Fri, 16 Jun 2017 05:23:38 +0000
Local clock offset: 5.226 ms
Remote clock offset: -2.392 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:52:09 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.68 Mbit/s
95th percentile per-packet one-way delay: -6.274 ms
Loss rate: 83.93%
-- Flow 1:
Average throughput: 5.68 Mbit/s
95th percentile per-packet one-way delay: -6.274 ms
Loss rate: 83.93%
```

## Run 10: Report of Copa — Data Link



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

```
Start at: Fri, 16 Jun 2017 02:41:15 +0000
```

```
End at: Fri, 16 Jun 2017 02:41:46 +0000
```

```
Local clock offset: 3.823 ms
```

```
Remote clock offset: -3.268 ms
```

```
# Below is generated by plot.py at Fri, 16 Jun 2017 07:52:23 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 89.01 Mbit/s
```

```
95th percentile per-packet one-way delay: -5.791 ms
```

```
Loss rate: 0.30%
```

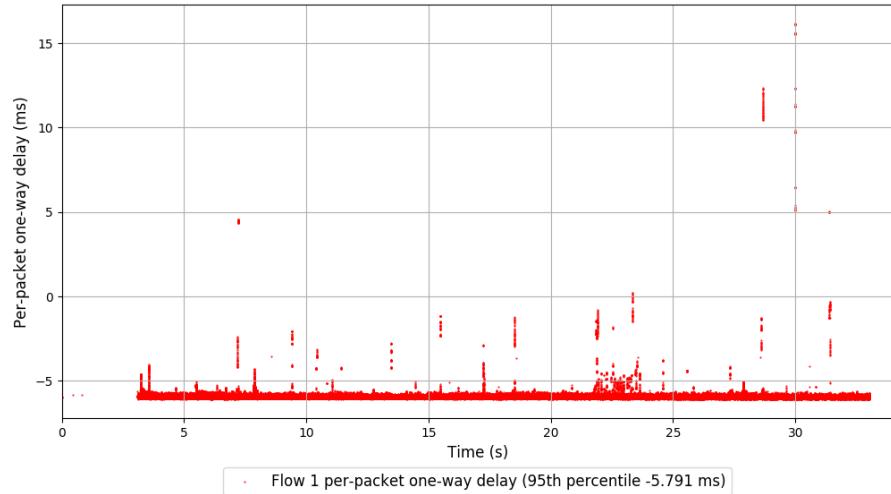
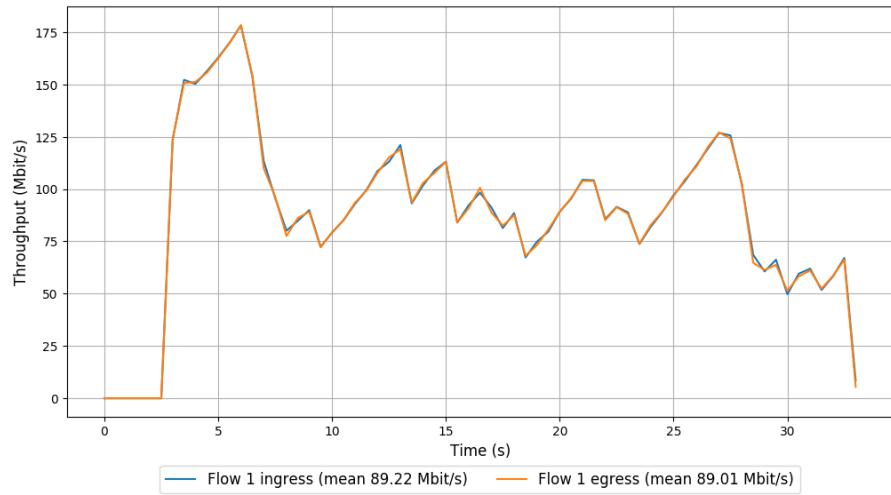
```
-- Flow 1:
```

```
Average throughput: 89.01 Mbit/s
```

```
95th percentile per-packet one-way delay: -5.791 ms
```

```
Loss rate: 0.30%
```

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

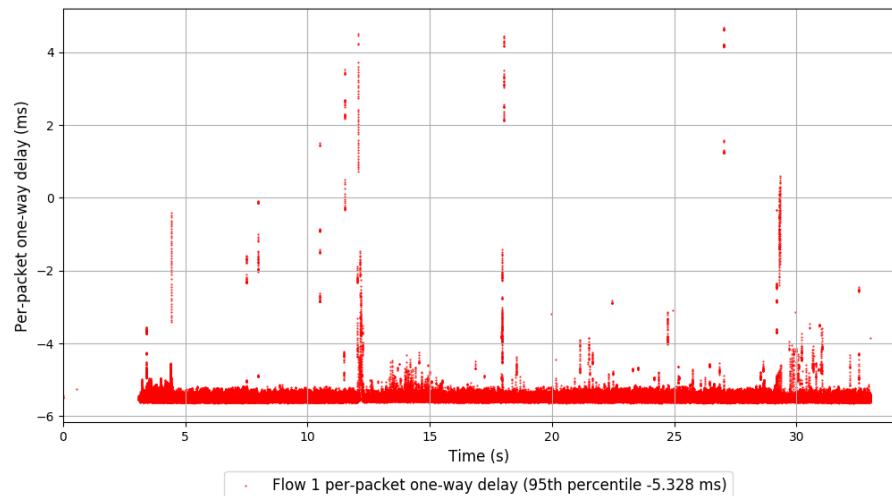
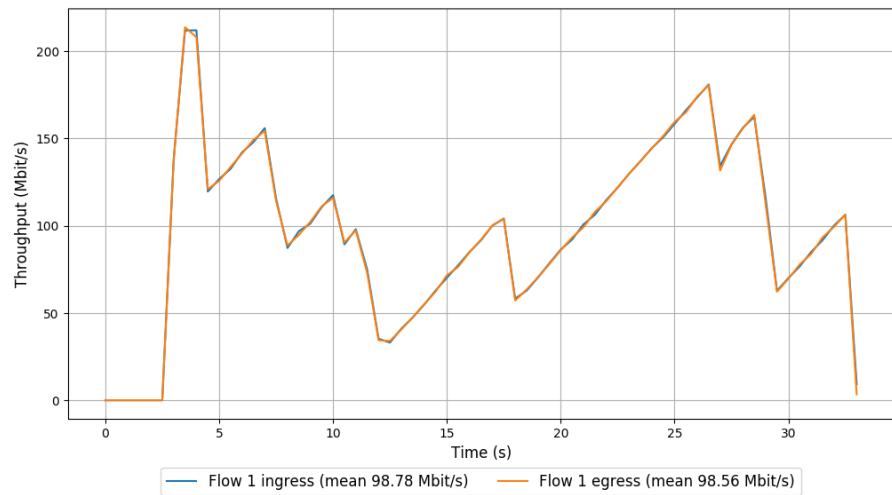


Run 2: Statistics of TCP Cubic

```
Start at: Fri, 16 Jun 2017 03:00:50 +0000
End at: Fri, 16 Jun 2017 03:01:20 +0000
Local clock offset: 3.103 ms
Remote clock offset: -3.582 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:52:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 98.56 Mbit/s
95th percentile per-packet one-way delay: -5.328 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 98.56 Mbit/s
95th percentile per-packet one-way delay: -5.328 ms
Loss rate: 0.27%
```

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

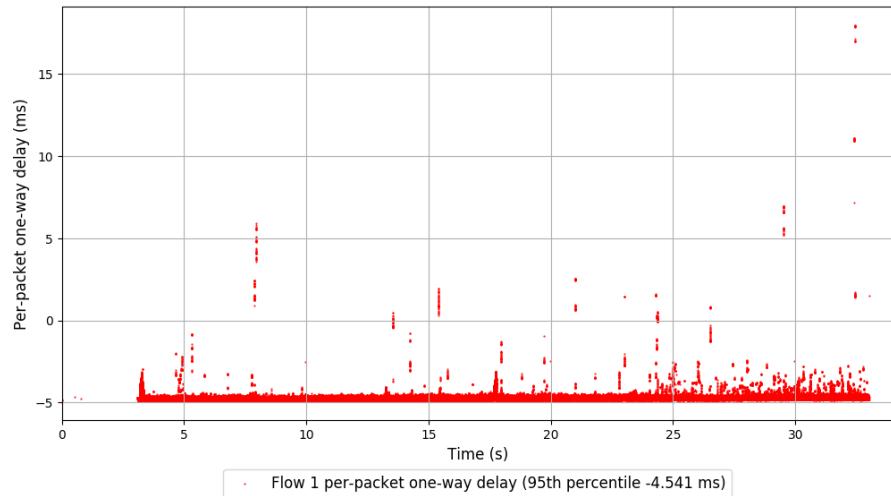
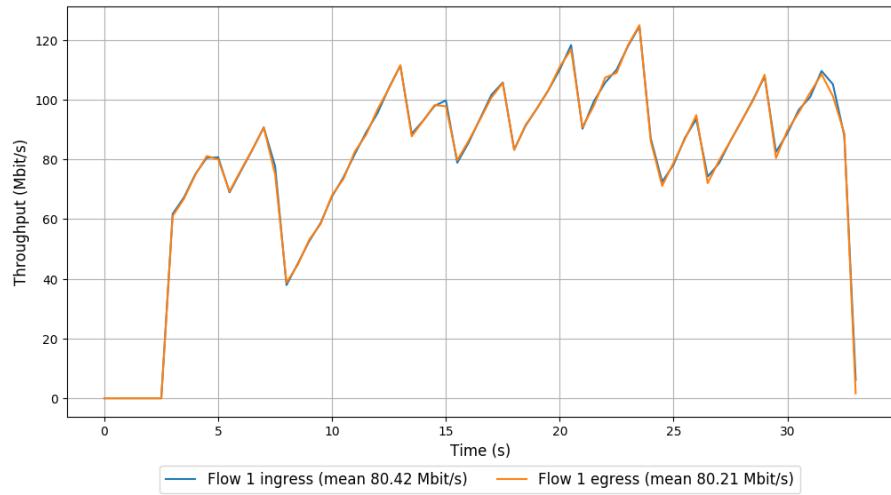


Run 3: Statistics of TCP Cubic

```
Start at: Fri, 16 Jun 2017 03:20:15 +0000
End at: Fri, 16 Jun 2017 03:20:45 +0000
Local clock offset: 2.519 ms
Remote clock offset: -3.469 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:52:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.21 Mbit/s
95th percentile per-packet one-way delay: -4.541 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 80.21 Mbit/s
95th percentile per-packet one-way delay: -4.541 ms
Loss rate: 0.29%
```

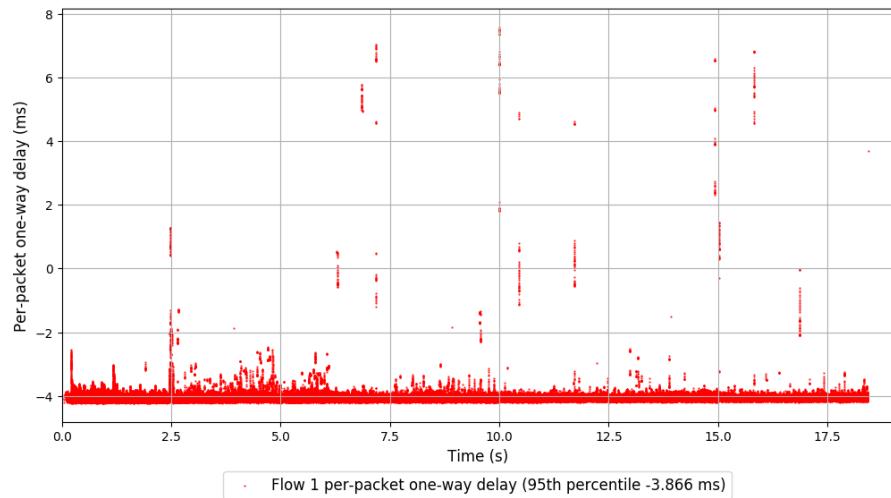
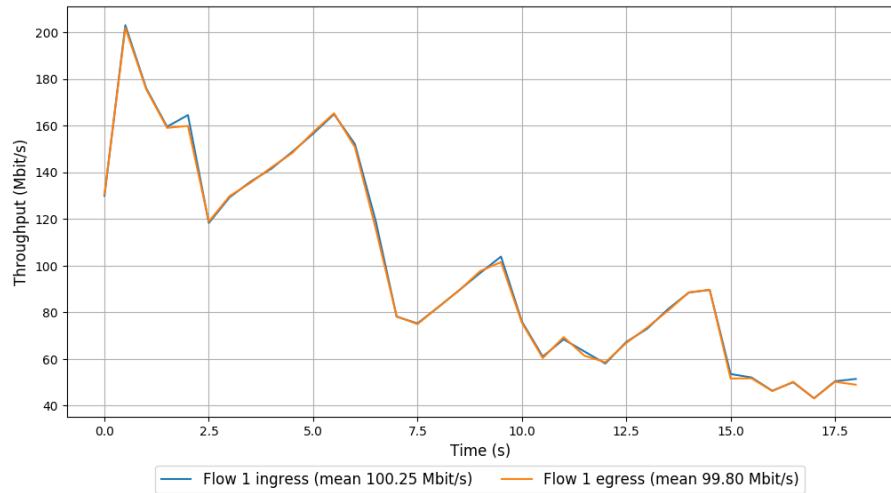
### Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: Fri, 16 Jun 2017 03:39:45 +0000  
End at: Fri, 16 Jun 2017 03:40:15 +0000  
Local clock offset: 2.219 ms  
Remote clock offset: -3.088 ms

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

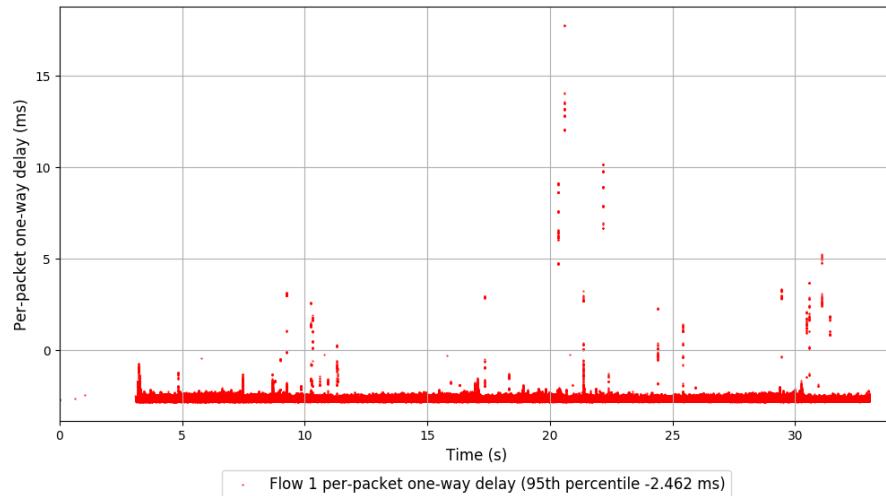
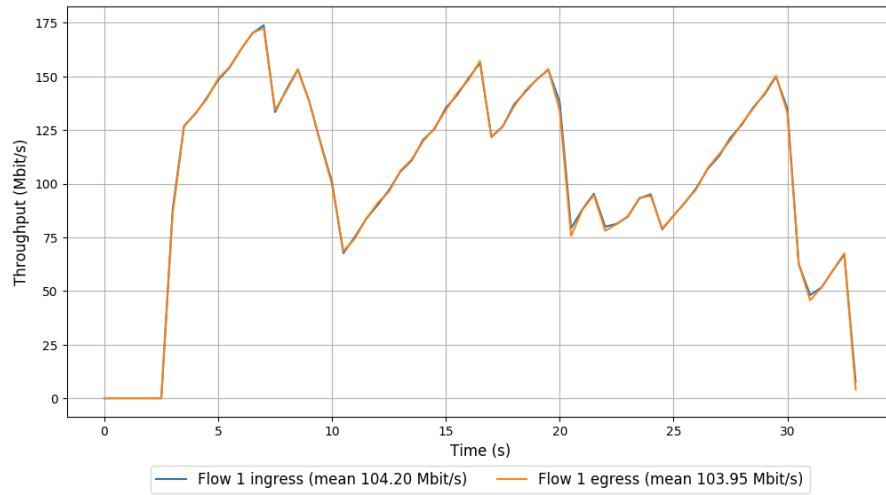


Run 5: Statistics of TCP Cubic

```
Start at: Fri, 16 Jun 2017 03:59:11 +0000
End at: Fri, 16 Jun 2017 03:59:41 +0000
Local clock offset: 0.695 ms
Remote clock offset: -3.064 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:52:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 103.95 Mbit/s
95th percentile per-packet one-way delay: -2.462 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 103.95 Mbit/s
95th percentile per-packet one-way delay: -2.462 ms
Loss rate: 0.31%
```

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

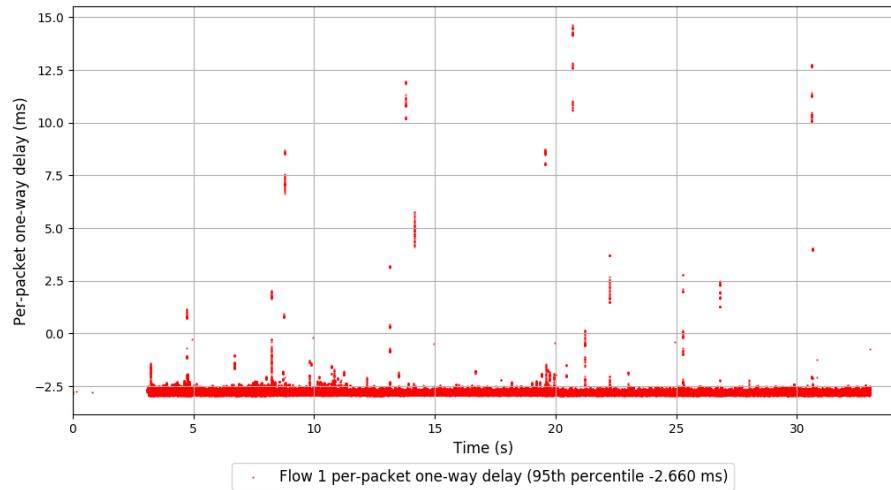
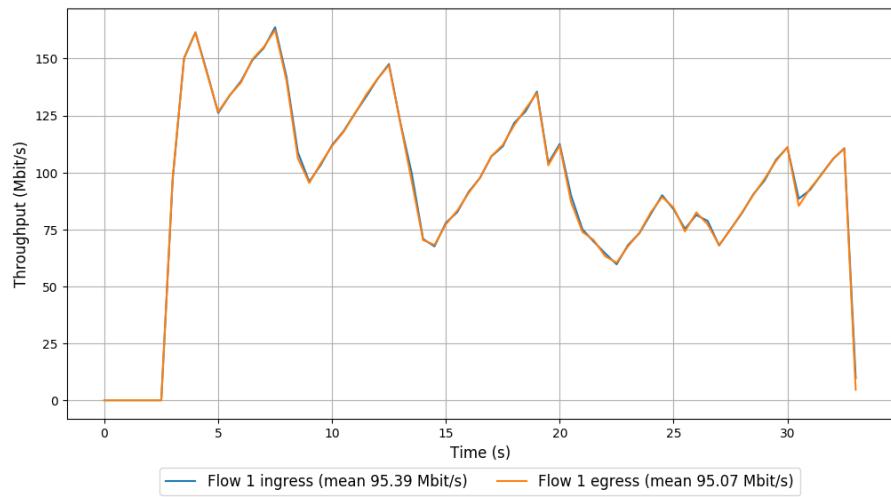


Run 6: Statistics of TCP Cubic

```
Start at: Fri, 16 Jun 2017 04:18:54 +0000
End at: Fri, 16 Jun 2017 04:19:24 +0000
Local clock offset: 0.794 ms
Remote clock offset: -3.11 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:52:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.07 Mbit/s
95th percentile per-packet one-way delay: -2.660 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 95.07 Mbit/s
95th percentile per-packet one-way delay: -2.660 ms
Loss rate: 0.38%
```

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



Run 7: Statistics of TCP Cubic

Start at: Fri, 16 Jun 2017 04:38:22 +0000

End at: Fri, 16 Jun 2017 04:38:52 +0000

Local clock offset: 1.745 ms

Remote clock offset: -2.994 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:53:05 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 113.61 Mbit/s

95th percentile per-packet one-way delay: -3.538 ms

Loss rate: 0.30%

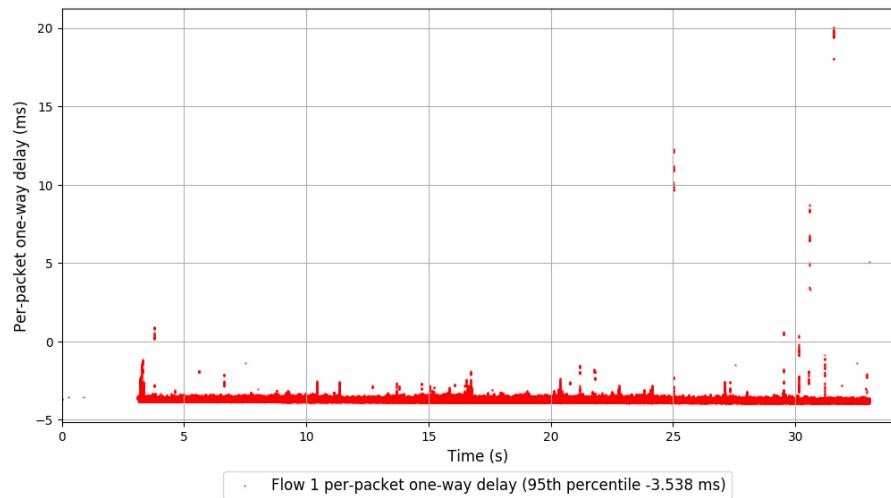
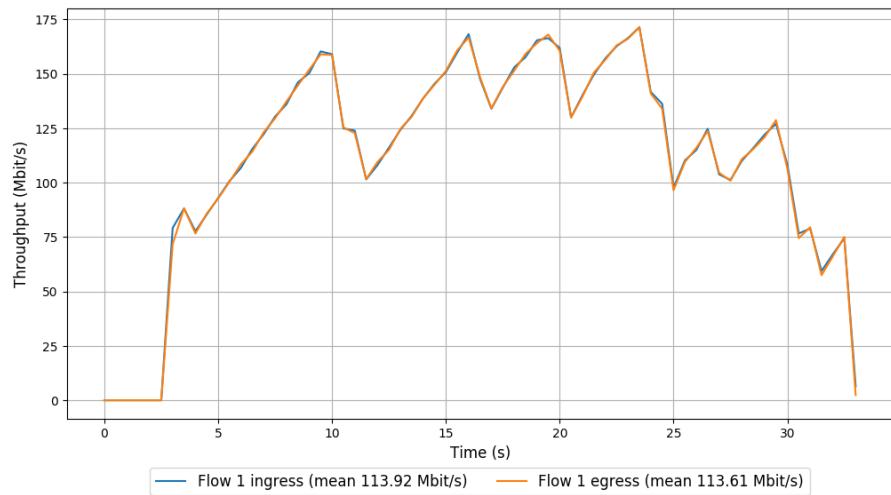
-- Flow 1:

Average throughput: 113.61 Mbit/s

95th percentile per-packet one-way delay: -3.538 ms

Loss rate: 0.30%

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

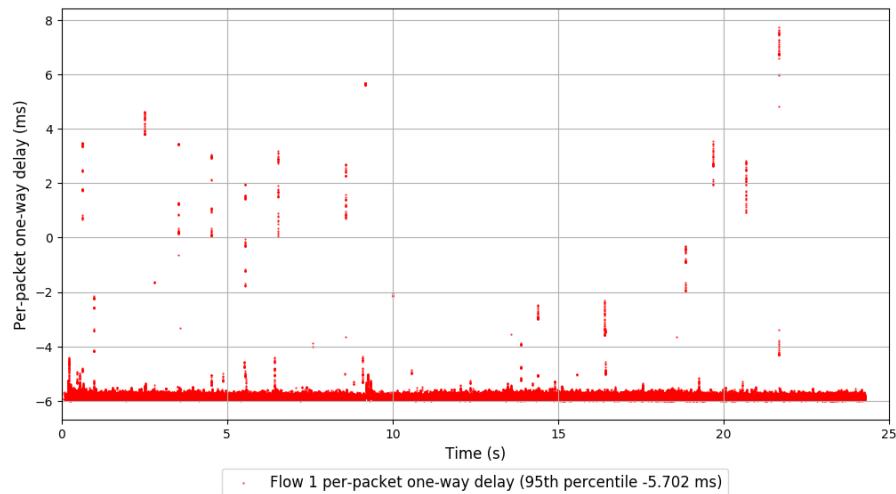
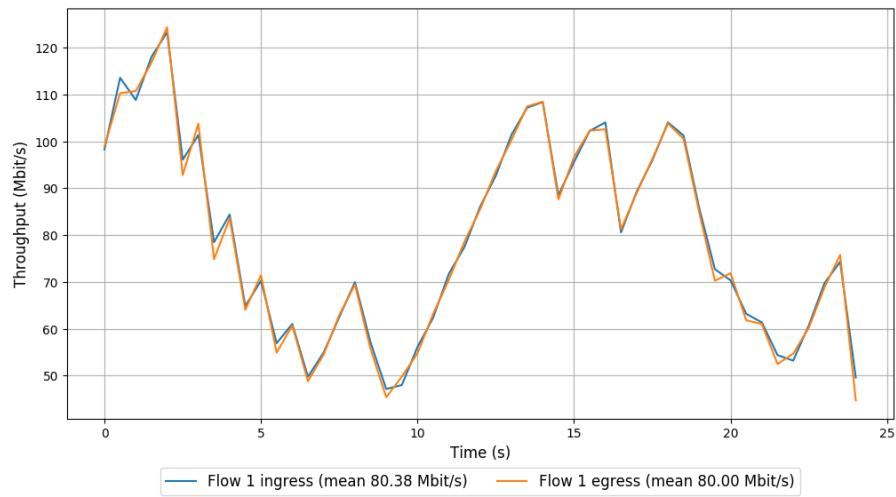


Run 8: Statistics of TCP Cubic

```
Start at: Fri, 16 Jun 2017 04:58:05 +0000
End at: Fri, 16 Jun 2017 04:58:35 +0000
Local clock offset: 4.102 ms
Remote clock offset: -2.911 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:53:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.00 Mbit/s
95th percentile per-packet one-way delay: -5.702 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 80.00 Mbit/s
95th percentile per-packet one-way delay: -5.702 ms
Loss rate: 0.57%
```

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



Run 9: Statistics of TCP Cubic

Start at: Fri, 16 Jun 2017 05:17:10 +0000

End at: Fri, 16 Jun 2017 05:17:40 +0000

Local clock offset: 4.81 ms

Remote clock offset: -2.473 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:53:05 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 10.28 Mbit/s

95th percentile per-packet one-way delay: -5.925 ms

Loss rate: 3.43%

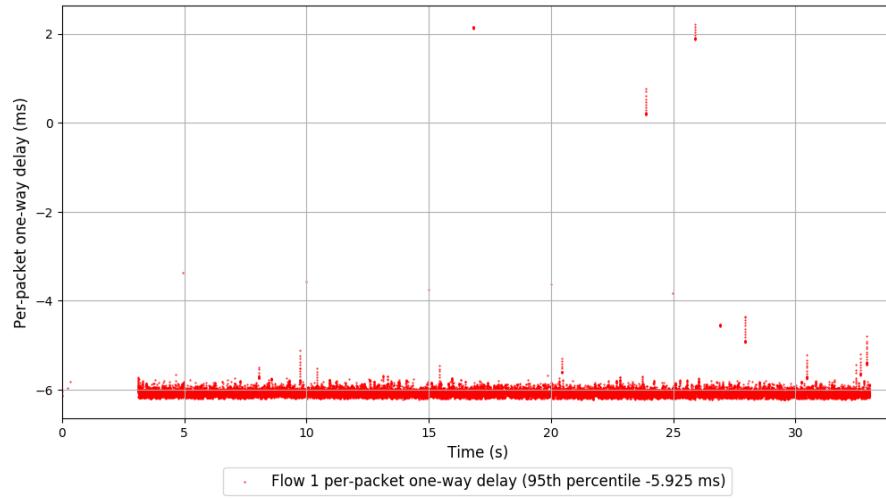
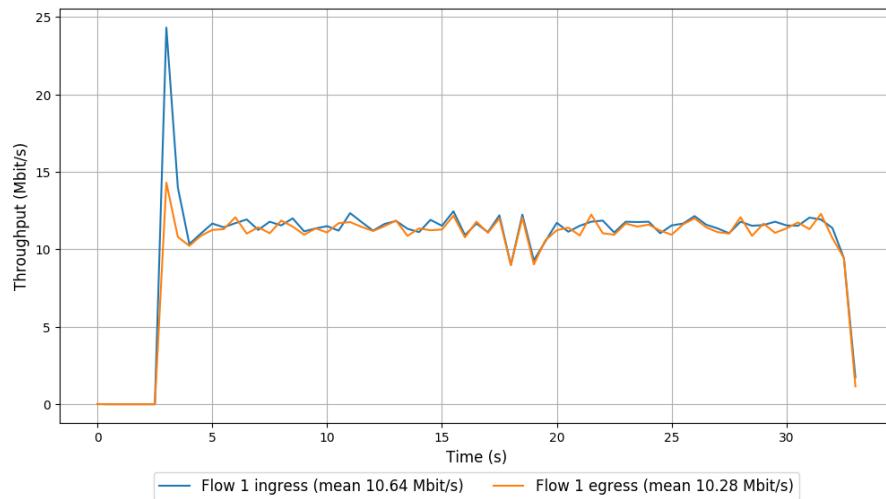
-- Flow 1:

Average throughput: 10.28 Mbit/s

95th percentile per-packet one-way delay: -5.925 ms

Loss rate: 3.43%

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

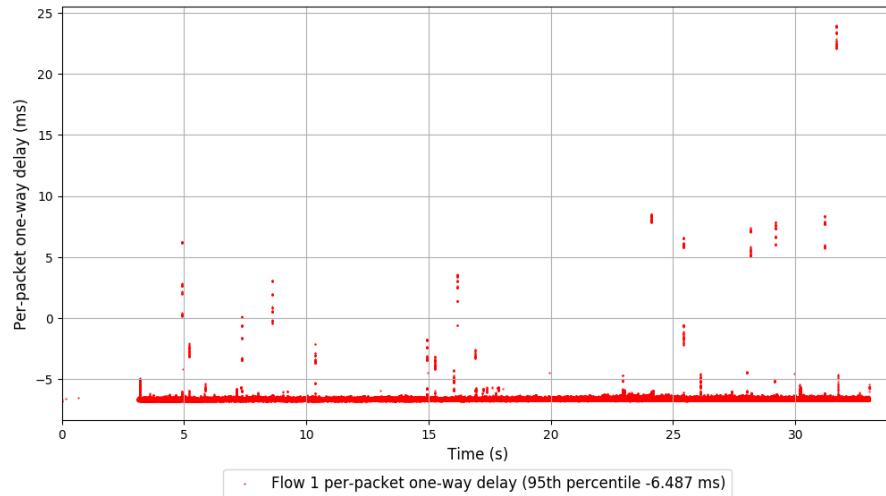
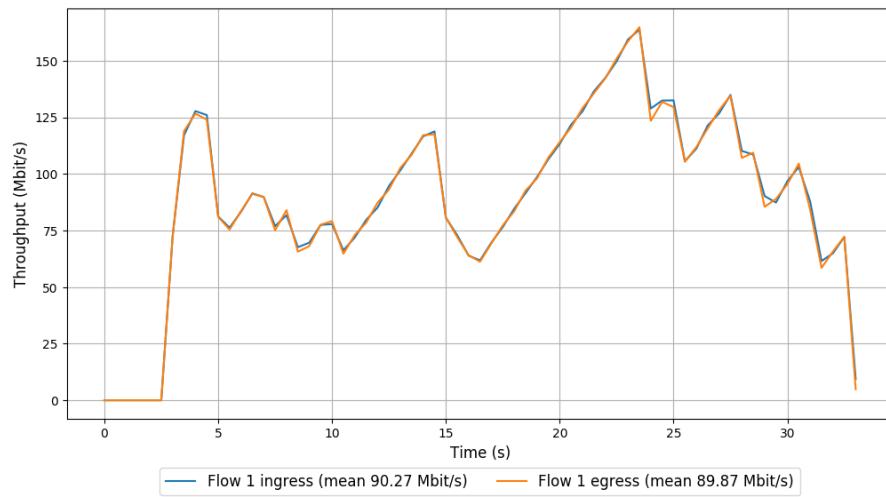


Run 10: Statistics of TCP Cubic

```
Start at: Fri, 16 Jun 2017 05:35:08 +0000
End at: Fri, 16 Jun 2017 05:35:38 +0000
Local clock offset: 5.642 ms
Remote clock offset: -2.166 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:53:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.87 Mbit/s
95th percentile per-packet one-way delay: -6.487 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 89.87 Mbit/s
95th percentile per-packet one-way delay: -6.487 ms
Loss rate: 0.49%
```

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



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

```
Start at: Fri, 16 Jun 2017 02:42:30 +0000
```

```
End at: Fri, 16 Jun 2017 02:43:00 +0000
```

```
Local clock offset: 3.808 ms
```

```
Remote clock offset: -3.287 ms
```

```
# Below is generated by plot.py at Fri, 16 Jun 2017 07:53:15 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 53.78 Mbit/s
```

```
95th percentile per-packet one-way delay: -5.877 ms
```

```
Loss rate: 0.17%
```

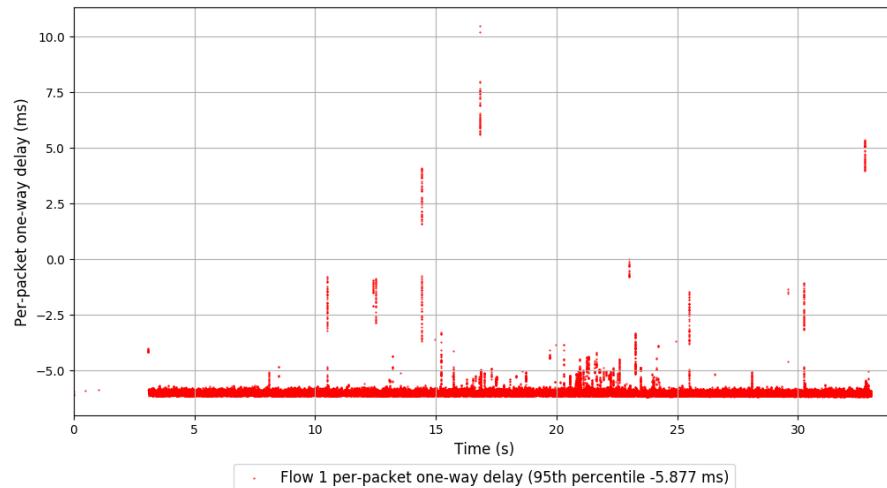
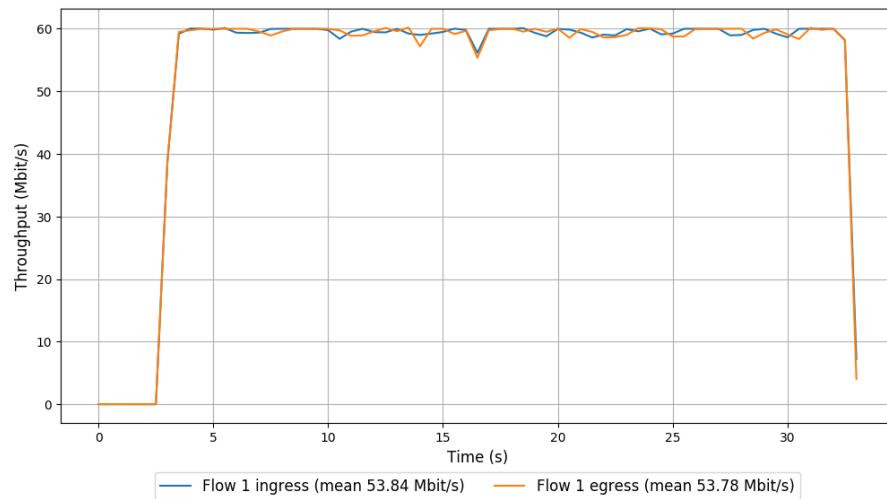
```
-- Flow 1:
```

```
Average throughput: 53.78 Mbit/s
```

```
95th percentile per-packet one-way delay: -5.877 ms
```

```
Loss rate: 0.17%
```

## Run 1: Report of KohoCC — Data Link

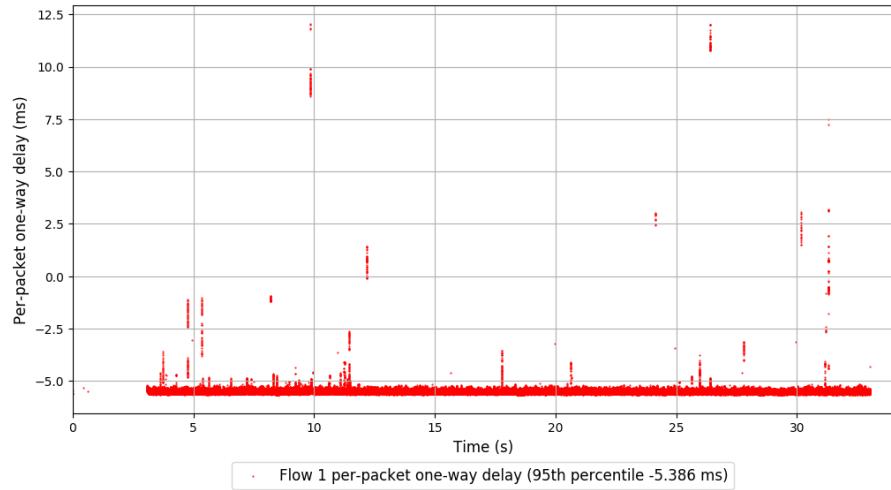
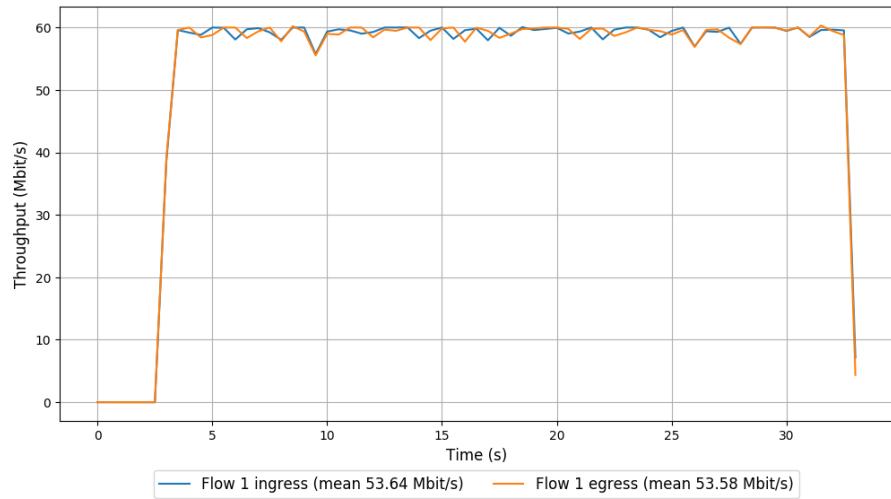


Run 2: Statistics of KohoCC

```
Start at: Fri, 16 Jun 2017 03:02:05 +0000
End at: Fri, 16 Jun 2017 03:02:35 +0000
Local clock offset: 3.111 ms
Remote clock offset: -3.602 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:53:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.58 Mbit/s
95th percentile per-packet one-way delay: -5.386 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 53.58 Mbit/s
95th percentile per-packet one-way delay: -5.386 ms
Loss rate: 0.17%
```

## Run 2: Report of KohoCC — Data Link

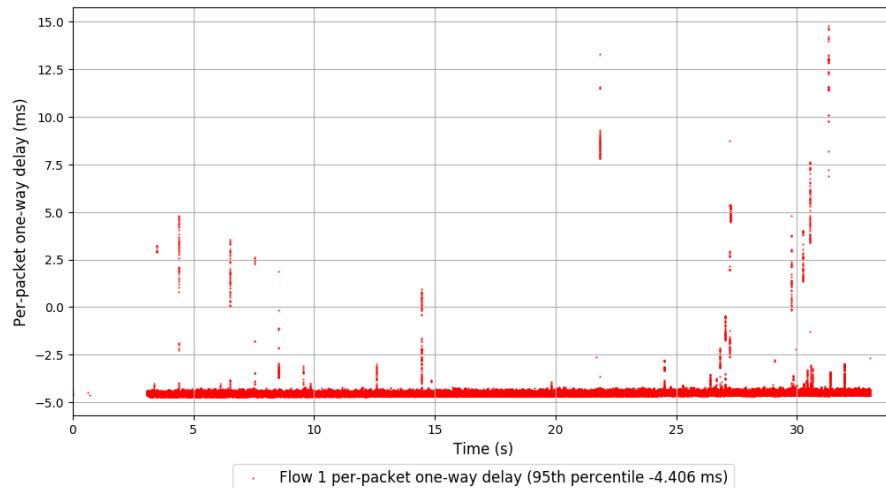
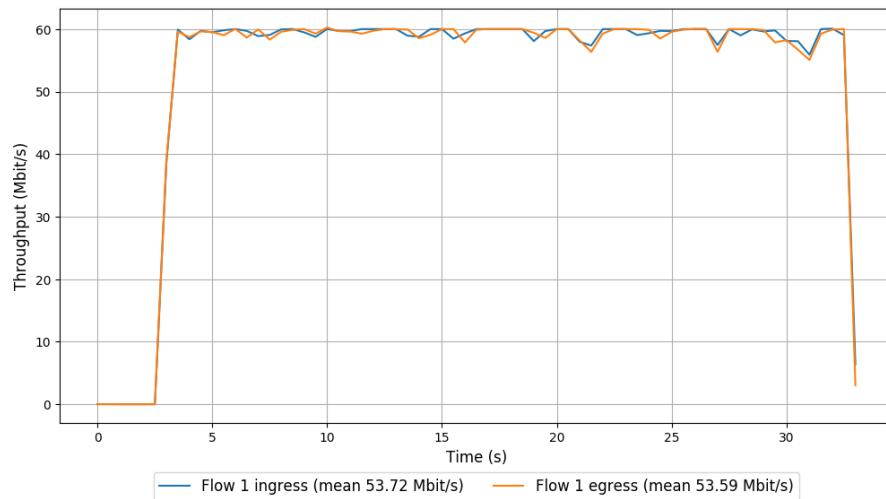


Run 3: Statistics of KohoCC

```
Start at: Fri, 16 Jun 2017 03:21:29 +0000
End at: Fri, 16 Jun 2017 03:21:59 +0000
Local clock offset: 2.385 ms
Remote clock offset: -3.489 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:53:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.59 Mbit/s
95th percentile per-packet one-way delay: -4.406 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 53.59 Mbit/s
95th percentile per-packet one-way delay: -4.406 ms
Loss rate: 0.28%
```

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

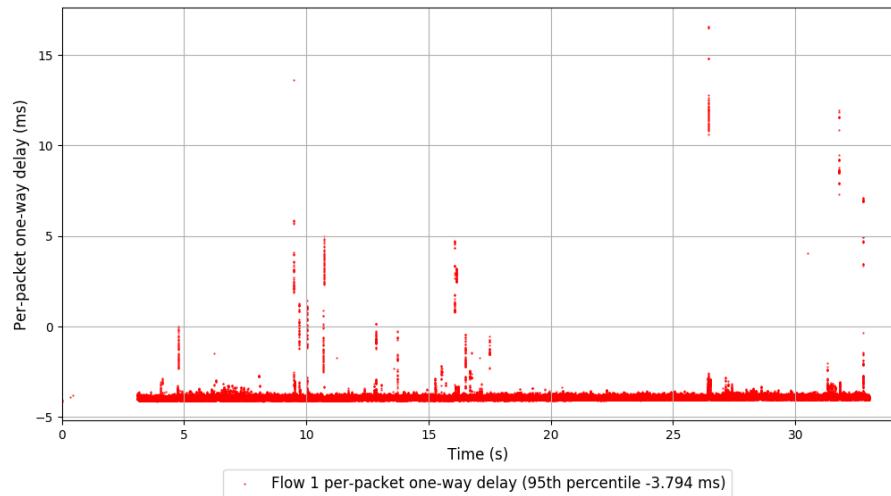
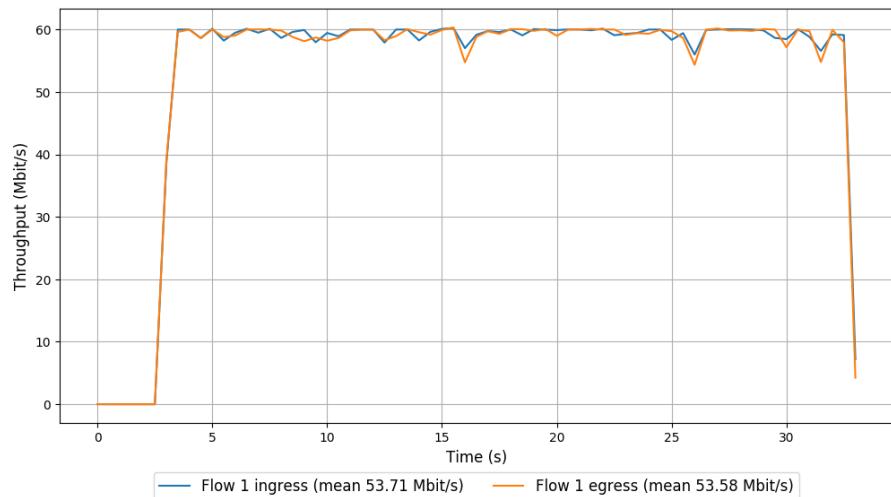


Run 4: Statistics of KohoCC

```
Start at: Fri, 16 Jun 2017 03:40:58 +0000
End at: Fri, 16 Jun 2017 03:41:28 +0000
Local clock offset: 1.993 ms
Remote clock offset: -3.098 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:53:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.58 Mbit/s
95th percentile per-packet one-way delay: -3.794 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 53.58 Mbit/s
95th percentile per-packet one-way delay: -3.794 ms
Loss rate: 0.29%
```

## Run 4: Report of KohoCC — Data Link

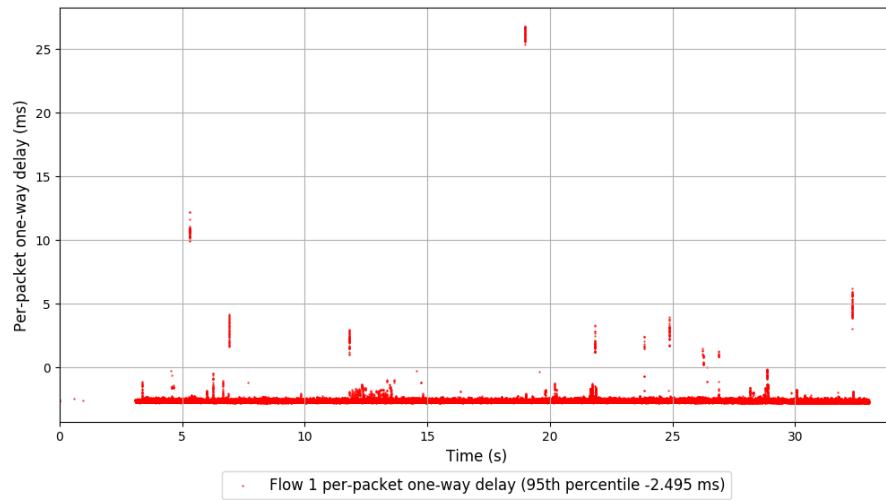
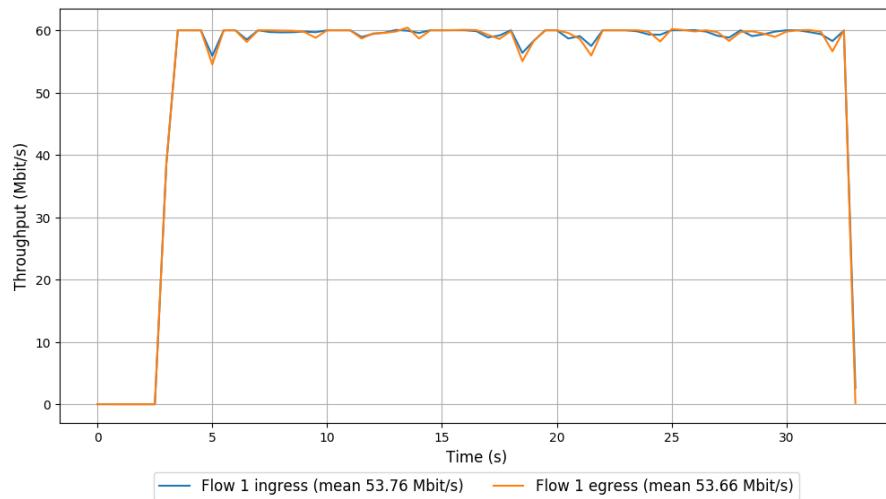


Run 5: Statistics of KohoCC

```
Start at: Fri, 16 Jun 2017 04:00:27 +0000
End at: Fri, 16 Jun 2017 04:00:57 +0000
Local clock offset: 0.767 ms
Remote clock offset: -3.02 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:53:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.66 Mbit/s
95th percentile per-packet one-way delay: -2.495 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 53.66 Mbit/s
95th percentile per-packet one-way delay: -2.495 ms
Loss rate: 0.26%
```

## Run 5: Report of KohoCC — Data Link

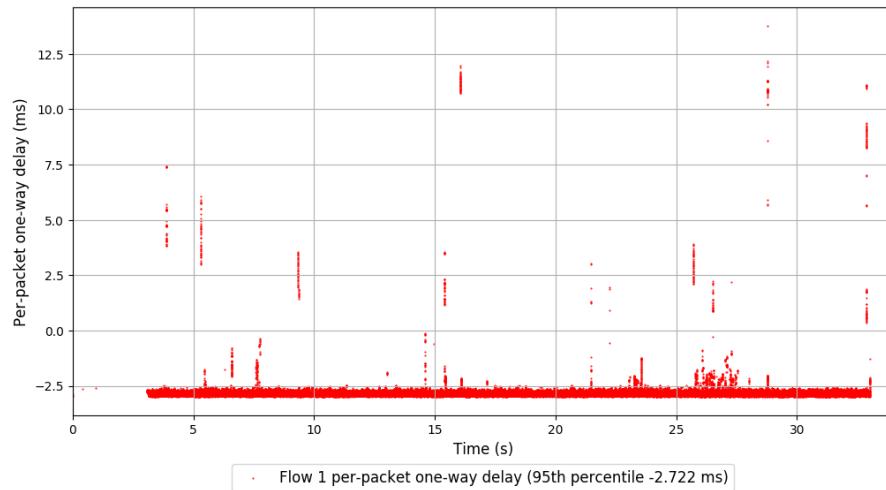
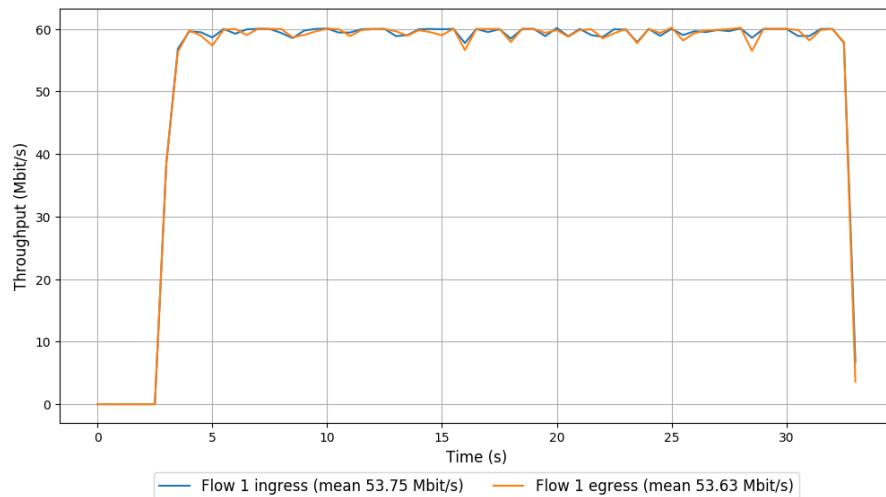


Run 6: Statistics of KohoCC

```
Start at: Fri, 16 Jun 2017 04:20:09 +0000
End at: Fri, 16 Jun 2017 04:20:39 +0000
Local clock offset: 0.812 ms
Remote clock offset: -3.09 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:53:38 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.63 Mbit/s
95th percentile per-packet one-way delay: -2.722 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 53.63 Mbit/s
95th percentile per-packet one-way delay: -2.722 ms
Loss rate: 0.28%
```

## Run 6: Report of KohoCC — Data Link



Run 7: Statistics of KohoCC

Start at: Fri, 16 Jun 2017 04:39:38 +0000

End at: Fri, 16 Jun 2017 04:40:08 +0000

Local clock offset: 1.962 ms

Remote clock offset: -3.006 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:53:41 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 53.79 Mbit/s

95th percentile per-packet one-way delay: -3.868 ms

Loss rate: 0.24%

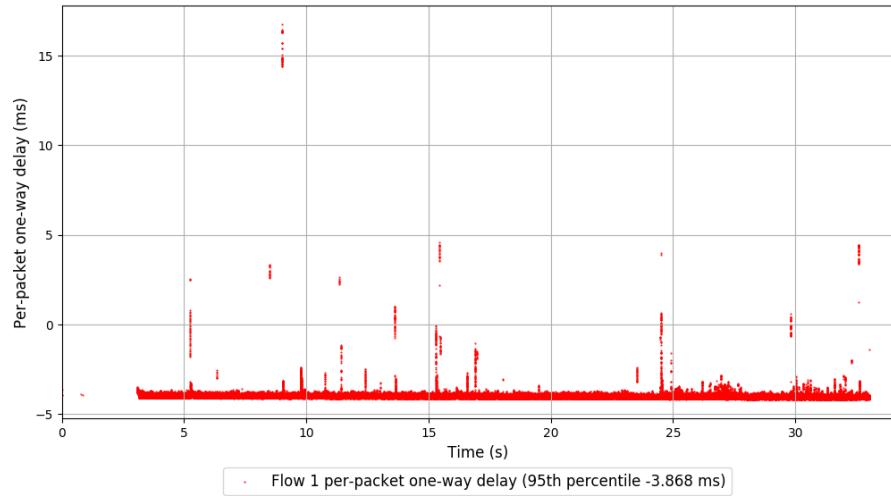
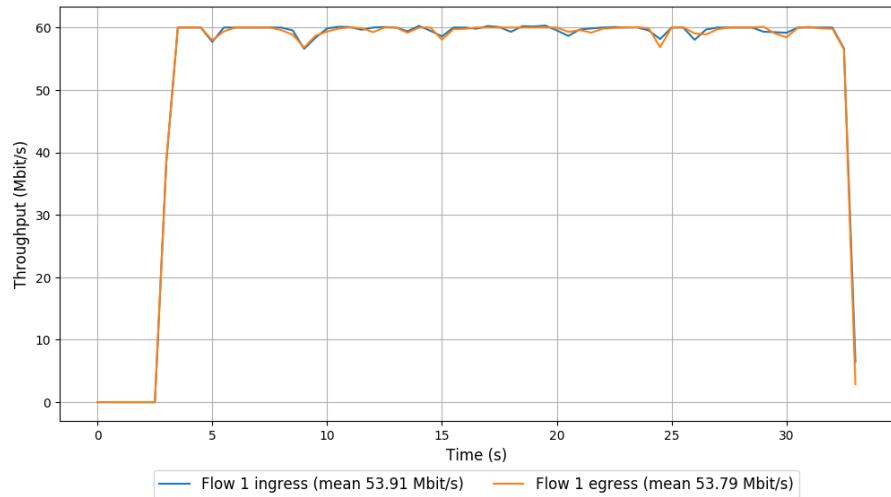
-- Flow 1:

Average throughput: 53.79 Mbit/s

95th percentile per-packet one-way delay: -3.868 ms

Loss rate: 0.24%

## Run 7: Report of KohoCC — Data Link

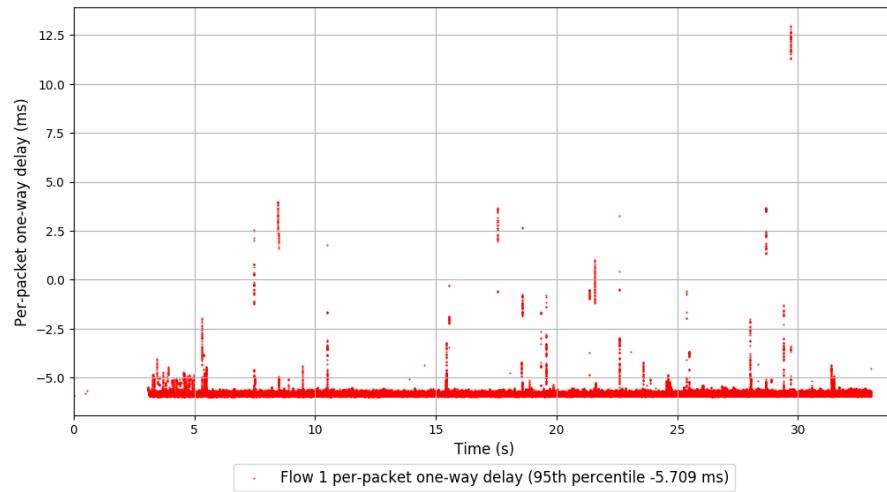
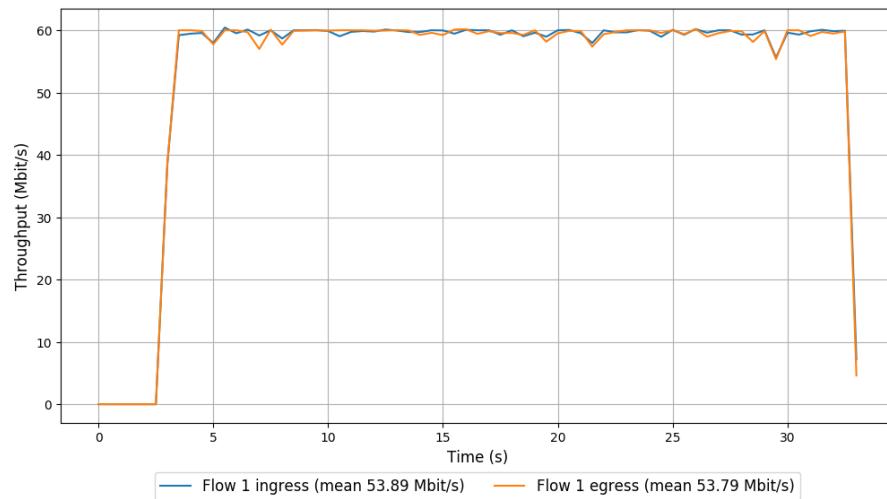


Run 8: Statistics of KohoCC

```
Start at: Fri, 16 Jun 2017 04:59:18 +0000
End at: Fri, 16 Jun 2017 04:59:48 +0000
Local clock offset: 4.199 ms
Remote clock offset: -2.883 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:53:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.79 Mbit/s
95th percentile per-packet one-way delay: -5.709 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 53.79 Mbit/s
95th percentile per-packet one-way delay: -5.709 ms
Loss rate: 0.23%
```

## Run 8: Report of KohoCC — Data Link

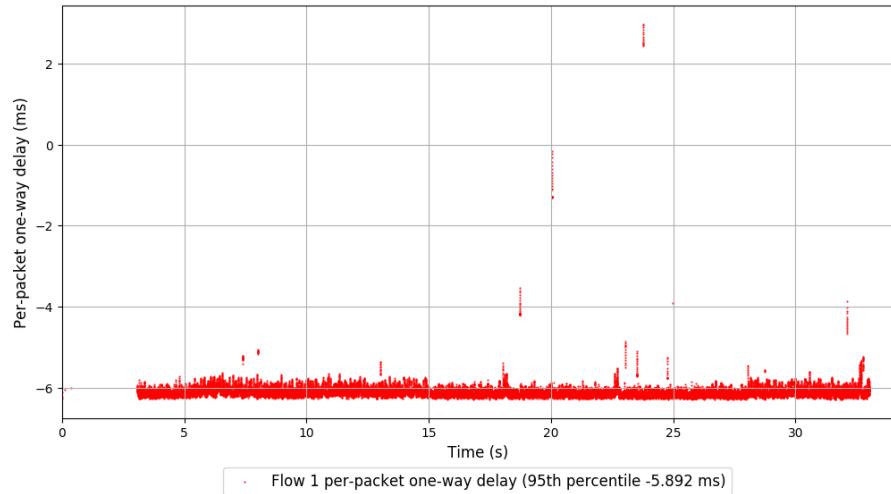
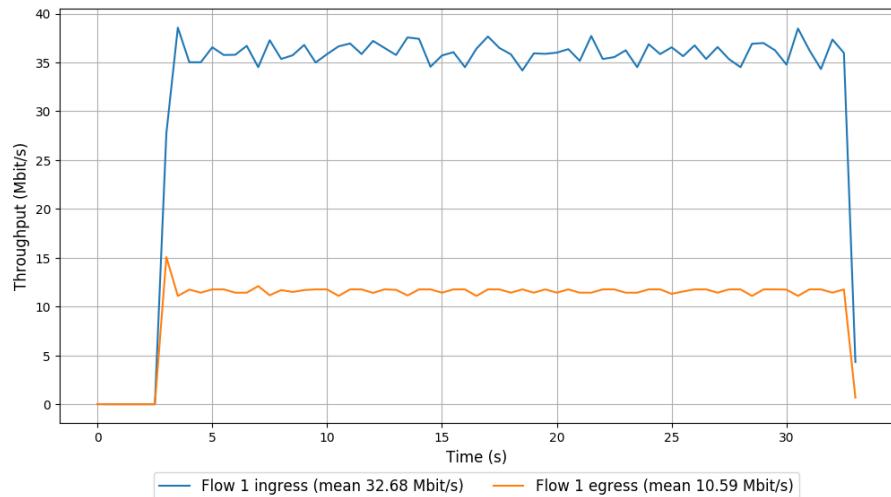


Run 9: Statistics of KohoCC

```
Start at: Fri, 16 Jun 2017 05:18:21 +0000
End at: Fri, 16 Jun 2017 05:18:51 +0000
Local clock offset: 4.877 ms
Remote clock offset: -2.448 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:53:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.59 Mbit/s
95th percentile per-packet one-way delay: -5.892 ms
Loss rate: 67.63%
-- Flow 1:
Average throughput: 10.59 Mbit/s
95th percentile per-packet one-way delay: -5.892 ms
Loss rate: 67.63%
```

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

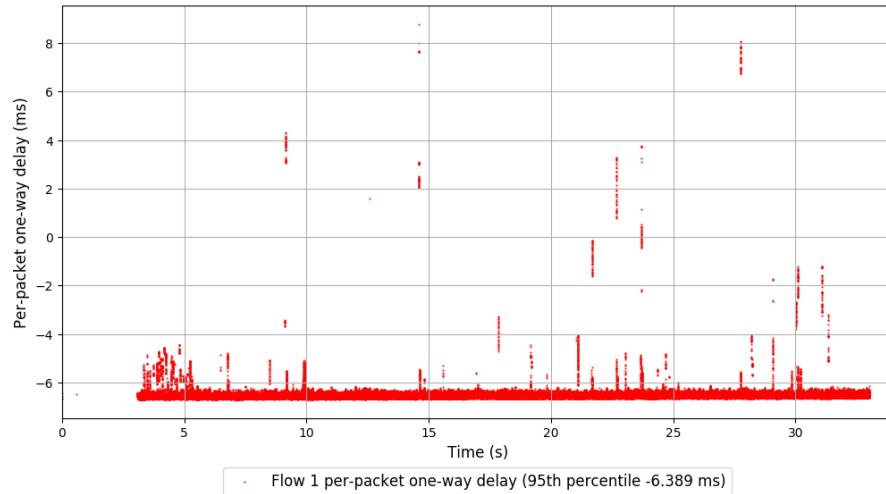
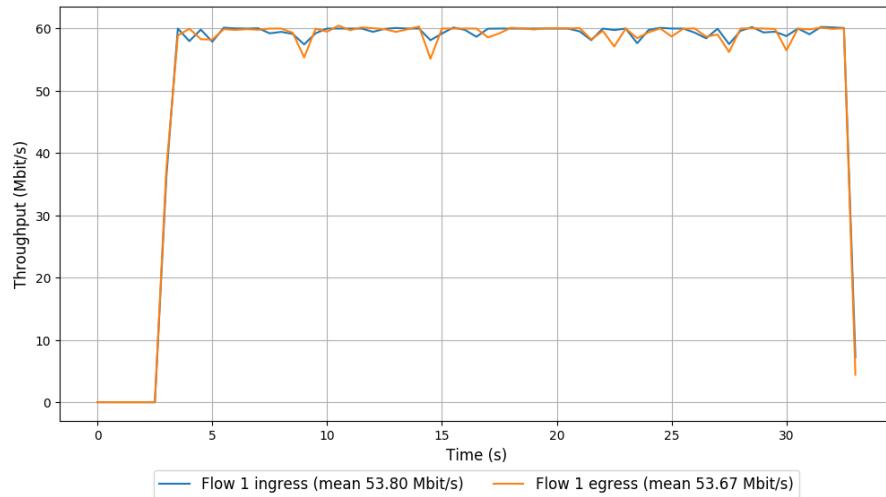


Run 10: Statistics of KohoCC

```
Start at: Fri, 16 Jun 2017 05:36:24 +0000
End at: Fri, 16 Jun 2017 05:36:54 +0000
Local clock offset: 5.635 ms
Remote clock offset: -2.132 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:53:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.67 Mbit/s
95th percentile per-packet one-way delay: -6.389 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 53.67 Mbit/s
95th percentile per-packet one-way delay: -6.389 ms
Loss rate: 0.30%
```

## Run 10: Report of KohoCC — Data Link

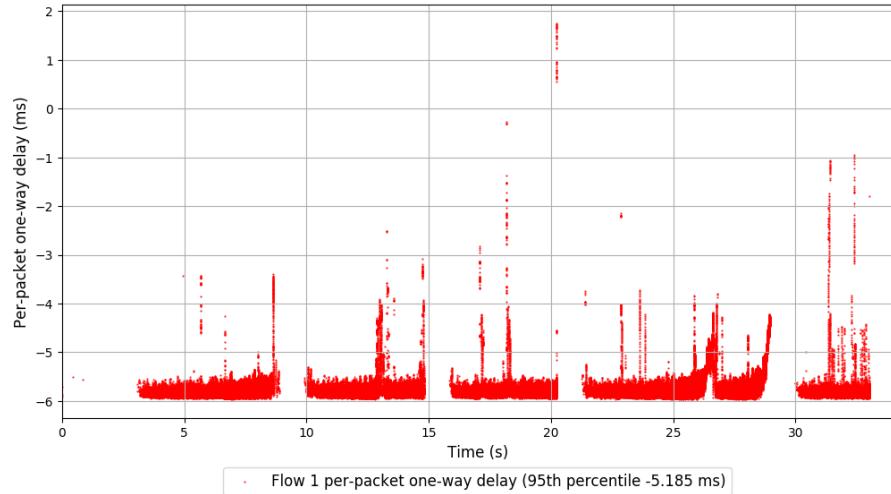
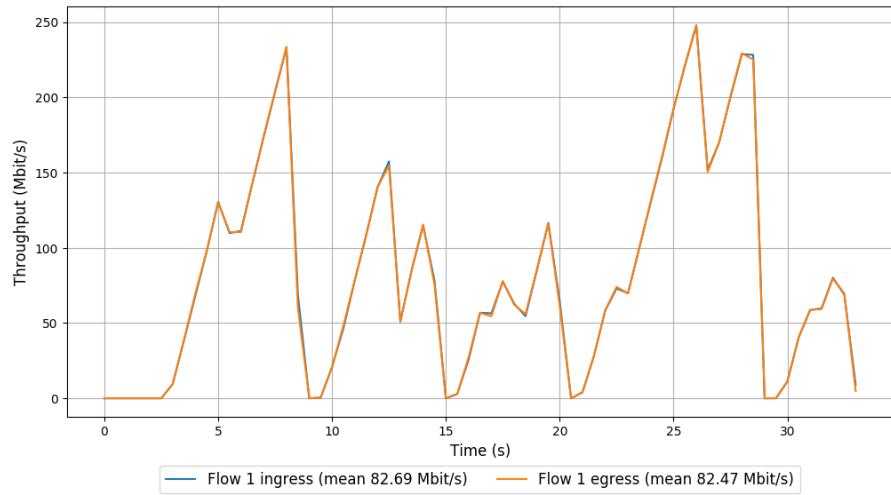


Run 1: Statistics of LEDBAT

```
Start at: Fri, 16 Jun 2017 02:38:50 +0000
End at: Fri, 16 Jun 2017 02:39:20 +0000
Local clock offset: 3.675 ms
Remote clock offset: -3.283 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:53:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.47 Mbit/s
95th percentile per-packet one-way delay: -5.185 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 82.47 Mbit/s
95th percentile per-packet one-way delay: -5.185 ms
Loss rate: 0.31%
```

Run 1: Report of LEDBAT — Data Link

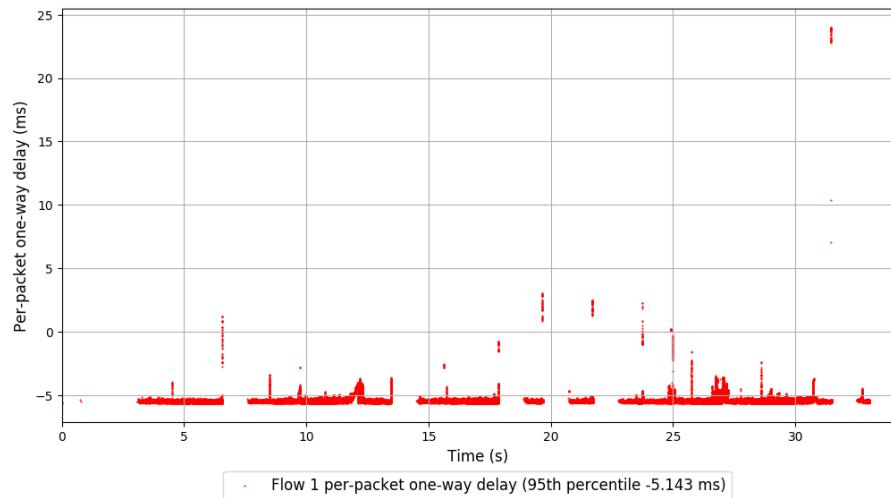
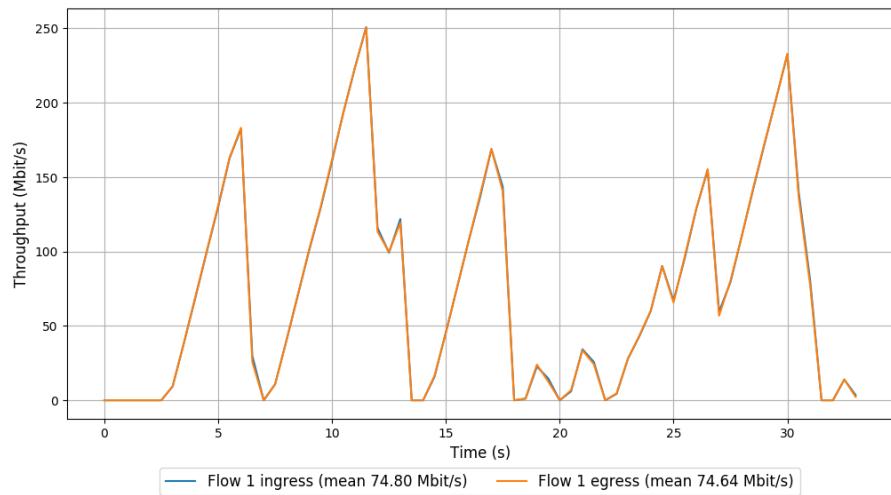


Run 2: Statistics of LEDBAT

```
Start at: Fri, 16 Jun 2017 02:58:25 +0000
End at: Fri, 16 Jun 2017 02:58:55 +0000
Local clock offset: 3.029 ms
Remote clock offset: -3.564 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:54:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.64 Mbit/s
95th percentile per-packet one-way delay: -5.143 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 74.64 Mbit/s
95th percentile per-packet one-way delay: -5.143 ms
Loss rate: 0.27%
```

## Run 2: Report of LEDBAT — Data Link

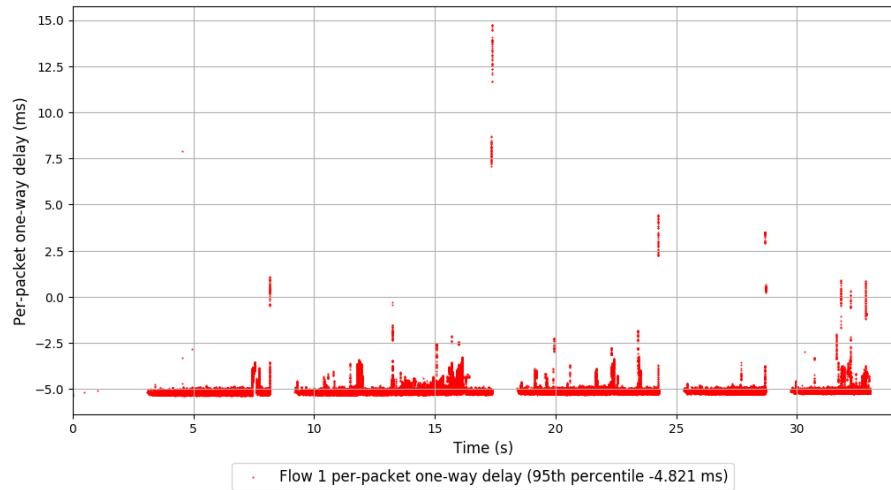
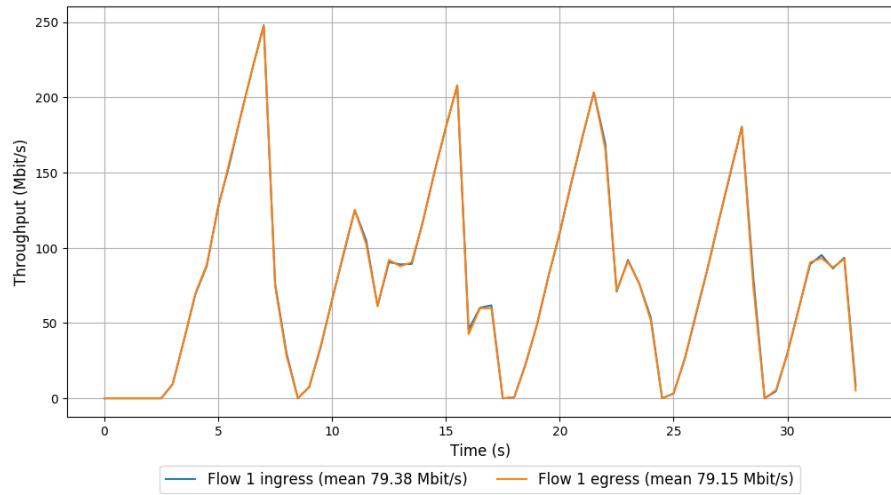


Run 3: Statistics of LEDBAT

```
Start at: Fri, 16 Jun 2017 03:17:49 +0000
End at: Fri, 16 Jun 2017 03:18:19 +0000
Local clock offset: 3.066 ms
Remote clock offset: -3.441 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:54:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.15 Mbit/s
95th percentile per-packet one-way delay: -4.821 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 79.15 Mbit/s
95th percentile per-packet one-way delay: -4.821 ms
Loss rate: 0.35%
```

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

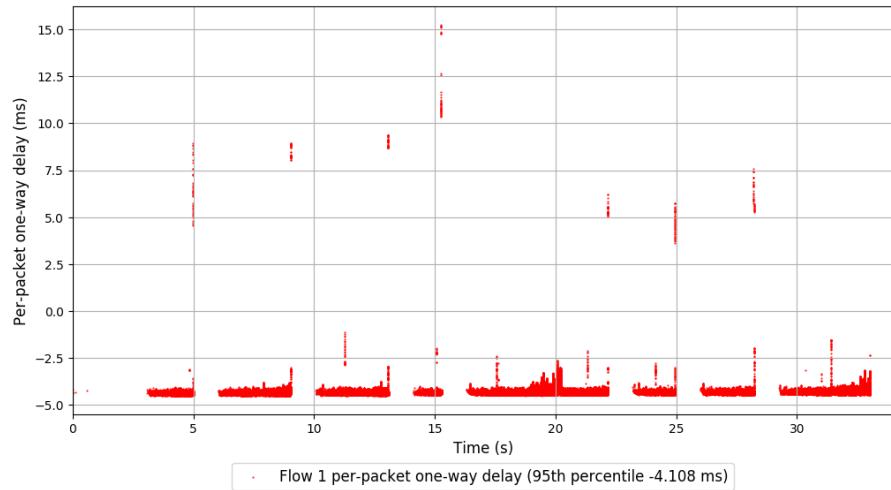
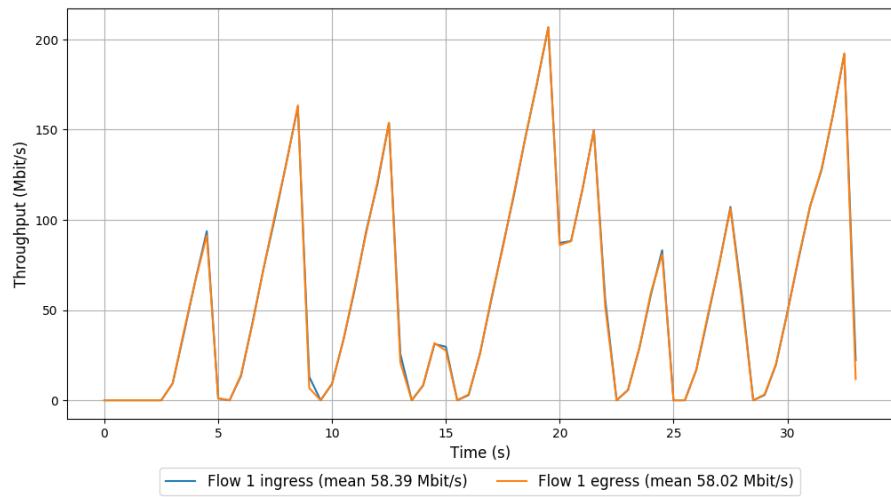


Run 4: Statistics of LEDBAT

```
Start at: Fri, 16 Jun 2017 03:37:22 +0000
End at: Fri, 16 Jun 2017 03:37:52 +0000
Local clock offset: 2.557 ms
Remote clock offset: -2.999 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:54:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 58.02 Mbit/s
95th percentile per-packet one-way delay: -4.108 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 58.02 Mbit/s
95th percentile per-packet one-way delay: -4.108 ms
Loss rate: 0.69%
```

## Run 4: Report of LEDBAT — Data Link

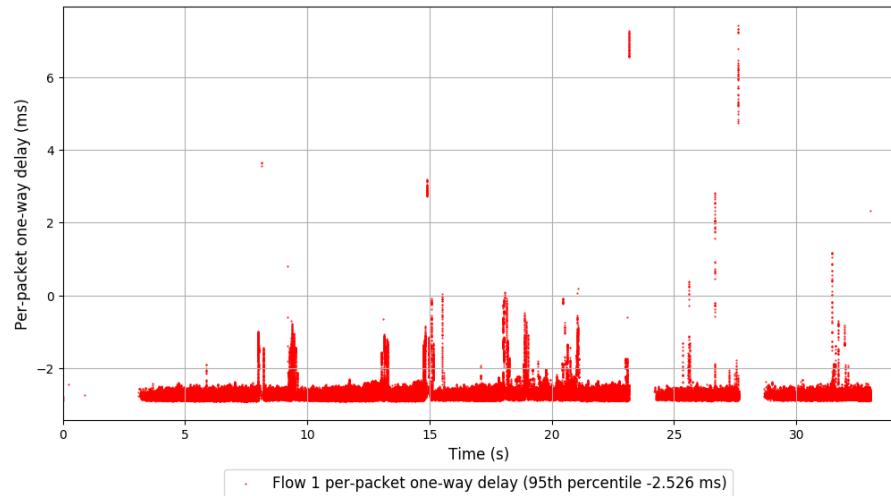
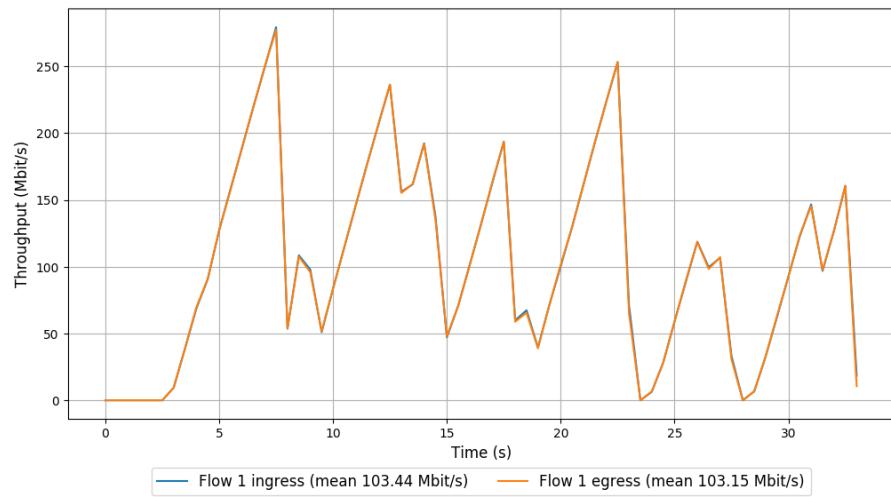


Run 5: Statistics of LEDBAT

```
Start at: Fri, 16 Jun 2017 03:56:44 +0000
End at: Fri, 16 Jun 2017 03:57:15 +0000
Local clock offset: 0.882 ms
Remote clock offset: -2.961 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:54:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 103.15 Mbit/s
95th percentile per-packet one-way delay: -2.526 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 103.15 Mbit/s
95th percentile per-packet one-way delay: -2.526 ms
Loss rate: 0.32%
```

Run 5: Report of LEDBAT — Data Link

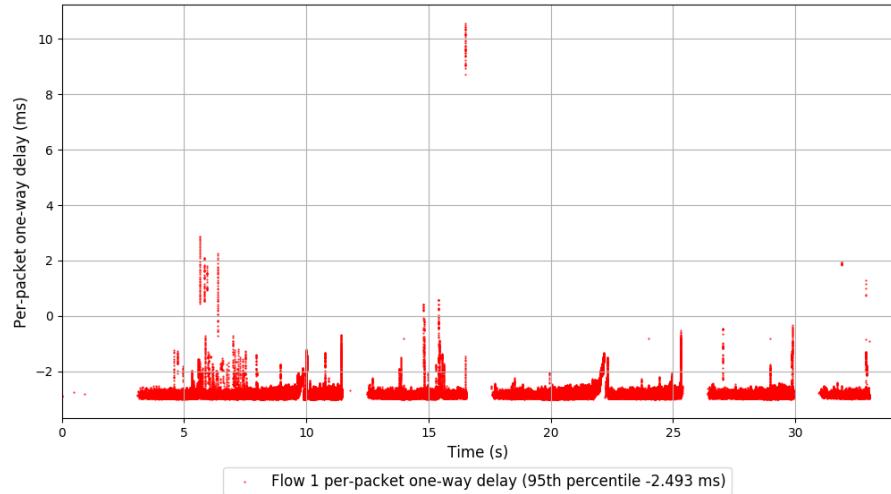
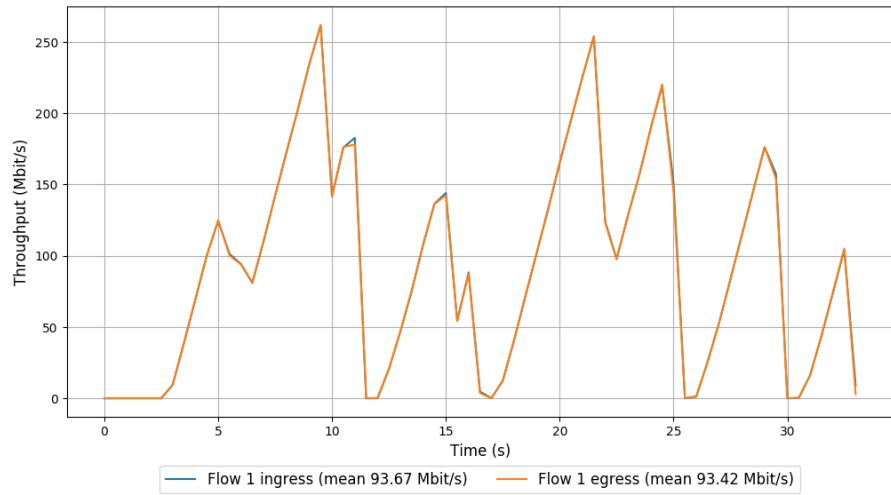


Run 6: Statistics of LEDBAT

```
Start at: Fri, 16 Jun 2017 04:16:28 +0000
End at: Fri, 16 Jun 2017 04:16:58 +0000
Local clock offset: 0.752 ms
Remote clock offset: -3.178 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:54:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.42 Mbit/s
95th percentile per-packet one-way delay: -2.493 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 93.42 Mbit/s
95th percentile per-packet one-way delay: -2.493 ms
Loss rate: 0.32%
```

Run 6: Report of LEDBAT — Data Link

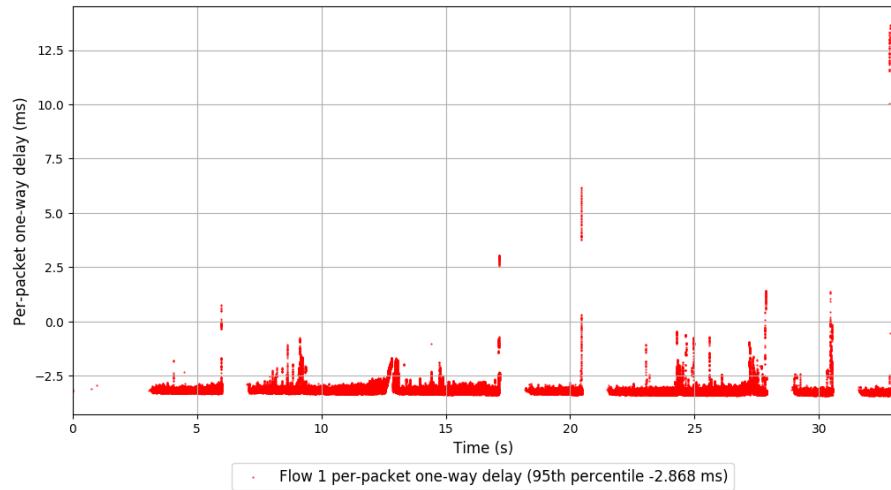
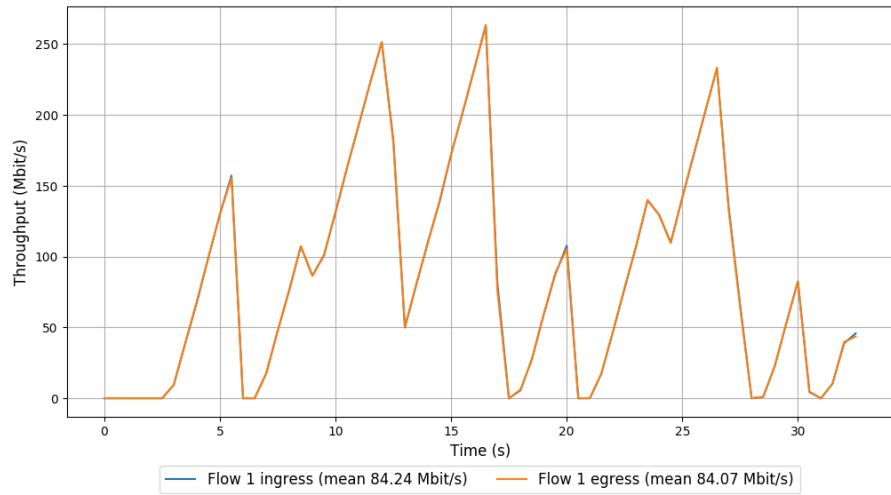


Run 7: Statistics of LEDBAT

```
Start at: Fri, 16 Jun 2017 04:35:56 +0000
End at: Fri, 16 Jun 2017 04:36:26 +0000
Local clock offset: 1.184 ms
Remote clock offset: -2.947 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:54:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.07 Mbit/s
95th percentile per-packet one-way delay: -2.868 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 84.07 Mbit/s
95th percentile per-packet one-way delay: -2.868 ms
Loss rate: 0.20%
```

## Run 7: Report of LEDBAT — Data Link

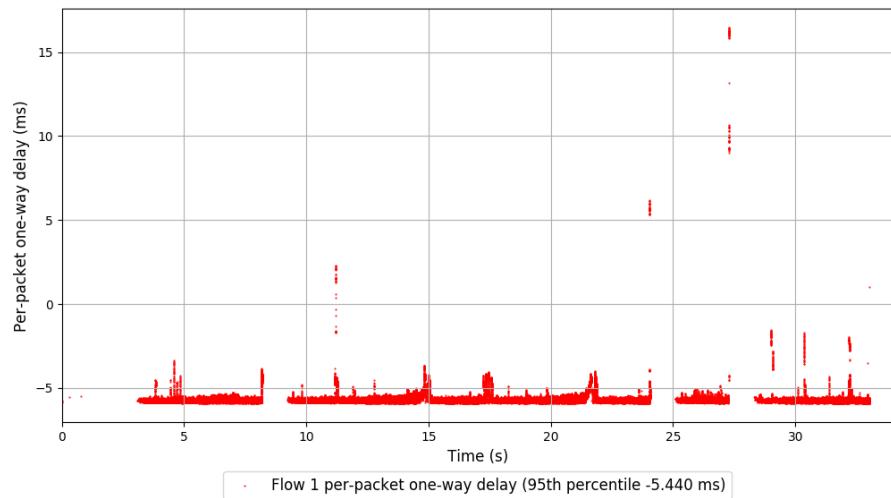
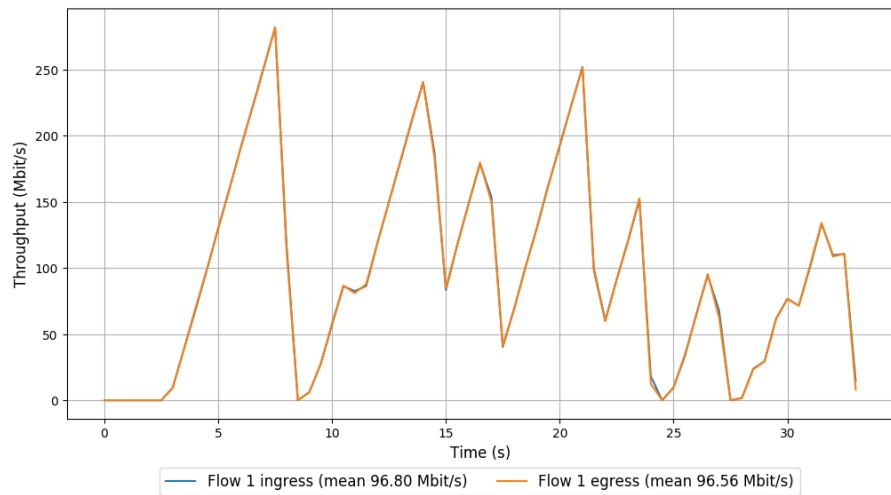


Run 8: Statistics of LEDBAT

```
Start at: Fri, 16 Jun 2017 04:55:38 +0000
End at: Fri, 16 Jun 2017 04:56:09 +0000
Local clock offset: 3.839 ms
Remote clock offset: -2.893 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:54:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.56 Mbit/s
95th percentile per-packet one-way delay: -5.440 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 96.56 Mbit/s
95th percentile per-packet one-way delay: -5.440 ms
Loss rate: 0.29%
```

Run 8: Report of LEDBAT — Data Link

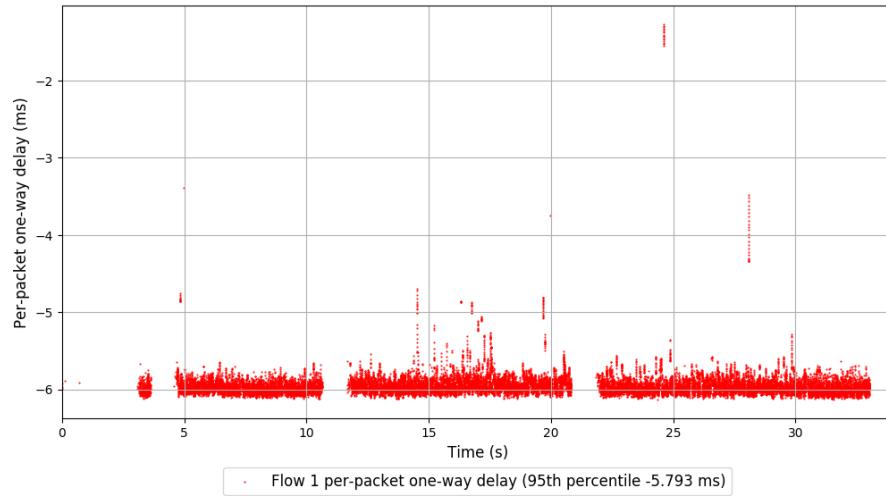
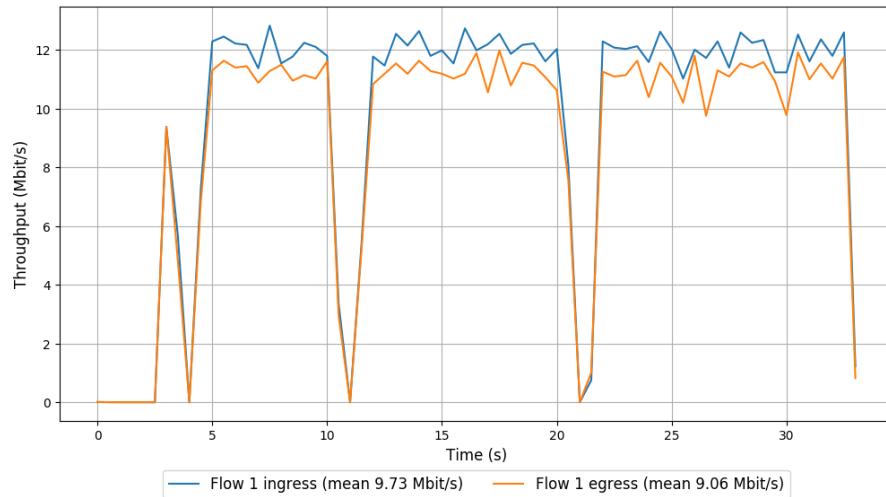


Run 9: Statistics of LEDBAT

```
Start at: Fri, 16 Jun 2017 05:14:48 +0000
End at: Fri, 16 Jun 2017 05:15:18 +0000
Local clock offset: 4.645 ms
Remote clock offset: -2.454 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:54:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.06 Mbit/s
95th percentile per-packet one-way delay: -5.793 ms
Loss rate: 6.90%
-- Flow 1:
Average throughput: 9.06 Mbit/s
95th percentile per-packet one-way delay: -5.793 ms
Loss rate: 6.90%
```

Run 9: Report of LEDBAT — Data Link

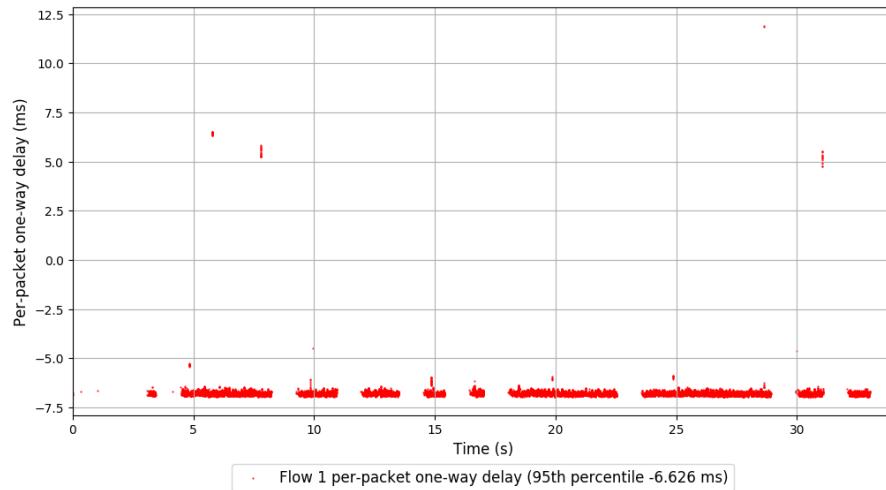
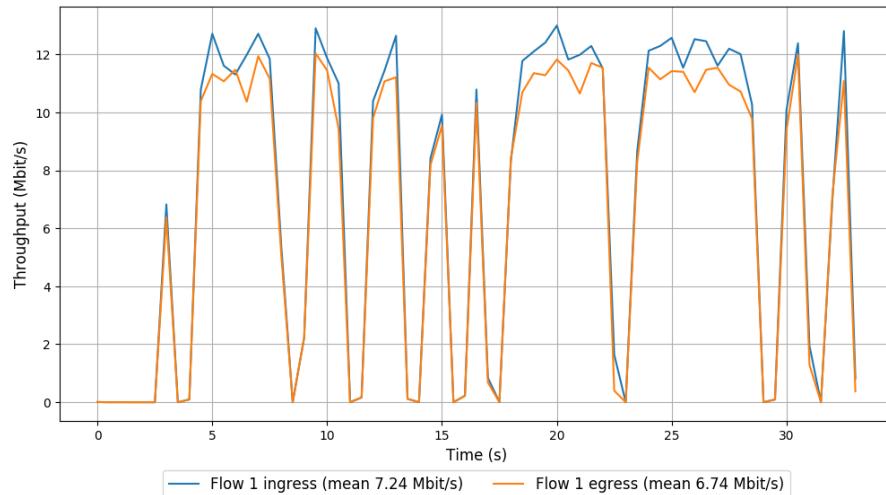


Run 10: Statistics of LEDBAT

```
Start at: Fri, 16 Jun 2017 05:32:47 +0000
End at: Fri, 16 Jun 2017 05:33:17 +0000
Local clock offset: 5.737 ms
Remote clock offset: -2.24 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:54:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.74 Mbit/s
95th percentile per-packet one-way delay: -6.626 ms
Loss rate: 6.92%
-- Flow 1:
Average throughput: 6.74 Mbit/s
95th percentile per-packet one-way delay: -6.626 ms
Loss rate: 6.92%
```

## Run 10: Report of LEDBAT — Data Link

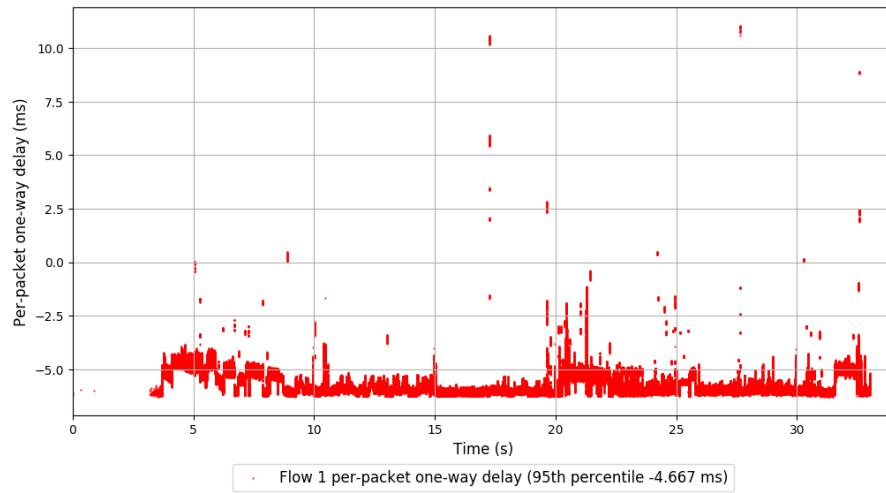
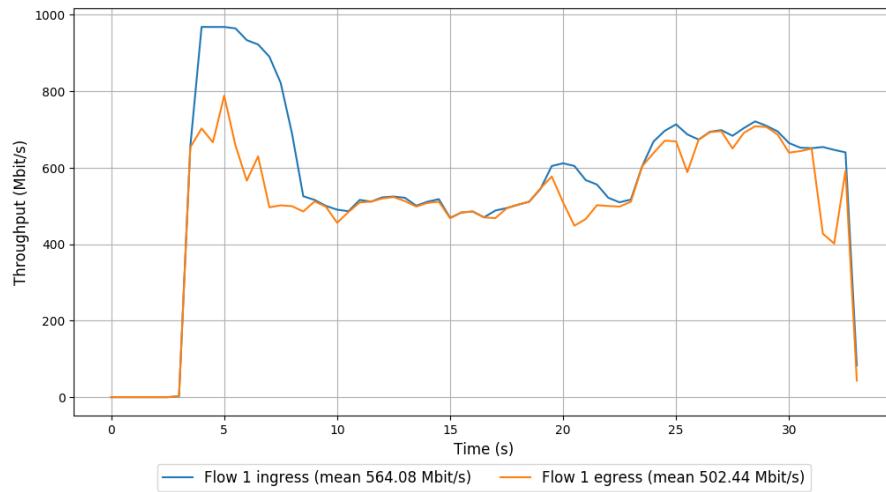


Run 1: Statistics of PCC

```
Start at: Fri, 16 Jun 2017 02:43:43 +0000
End at: Fri, 16 Jun 2017 02:44:13 +0000
Local clock offset: 3.847 ms
Remote clock offset: -3.334 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:55:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 502.44 Mbit/s
95th percentile per-packet one-way delay: -4.667 ms
Loss rate: 10.99%
-- Flow 1:
Average throughput: 502.44 Mbit/s
95th percentile per-packet one-way delay: -4.667 ms
Loss rate: 10.99%
```

## Run 1: Report of PCC — Data Link

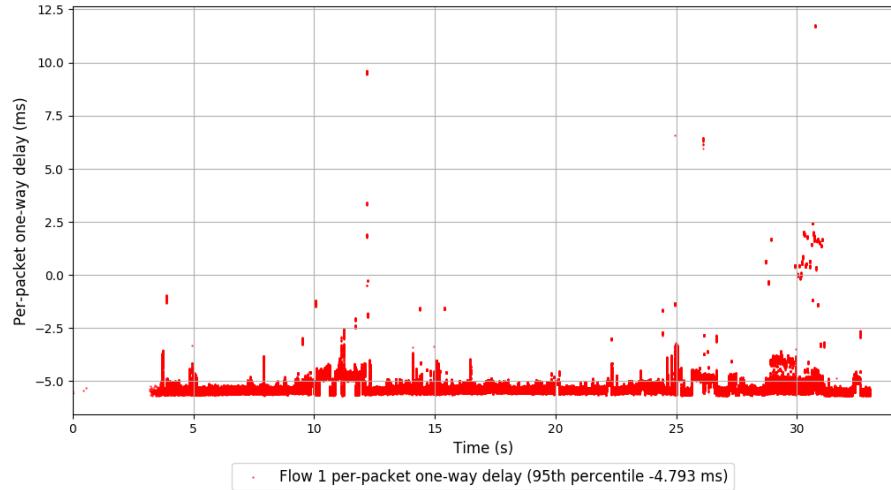
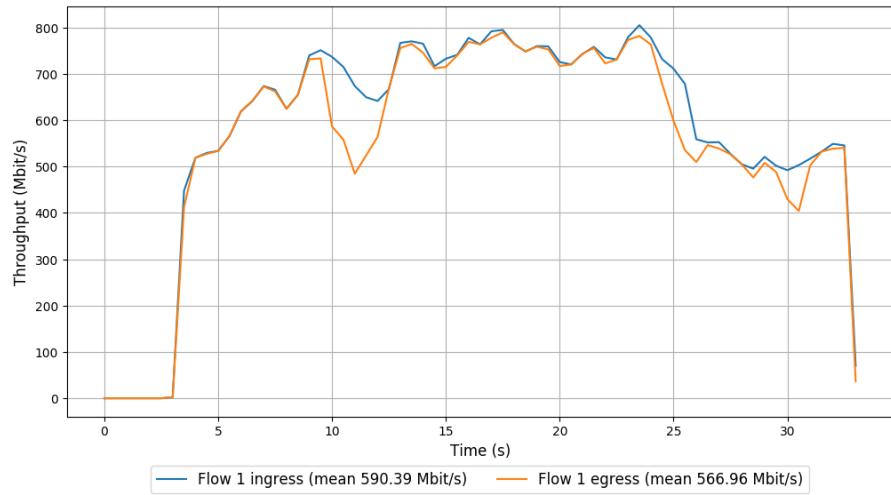


Run 2: Statistics of PCC

```
Start at: Fri, 16 Jun 2017 03:03:18 +0000
End at: Fri, 16 Jun 2017 03:03:48 +0000
Local clock offset: 3.007 ms
Remote clock offset: -3.555 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:56:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 566.96 Mbit/s
95th percentile per-packet one-way delay: -4.793 ms
Loss rate: 4.04%
-- Flow 1:
Average throughput: 566.96 Mbit/s
95th percentile per-packet one-way delay: -4.793 ms
Loss rate: 4.04%
```

## Run 2: Report of PCC — Data Link

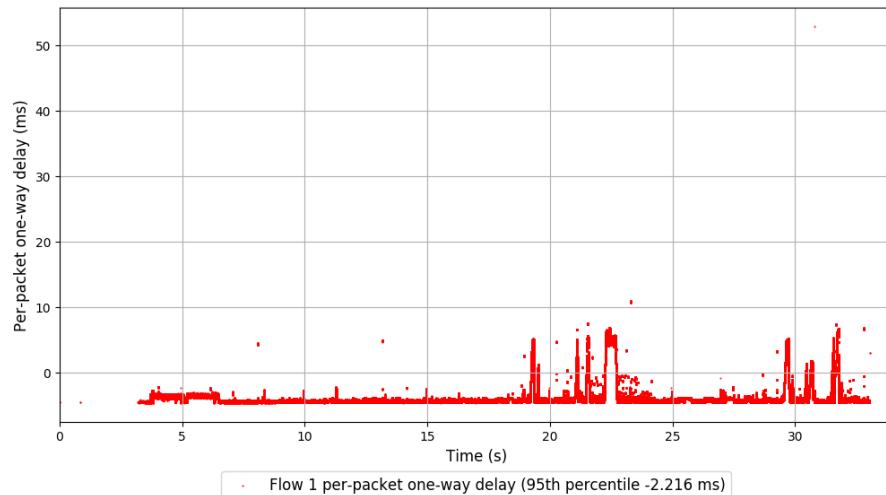
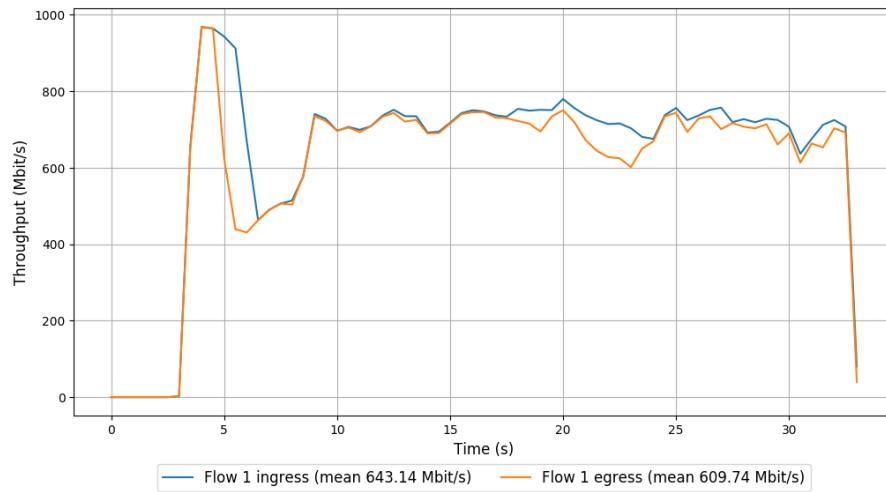


Run 3: Statistics of PCC

```
Start at: Fri, 16 Jun 2017 03:22:42 +0000
End at: Fri, 16 Jun 2017 03:23:12 +0000
Local clock offset: 2.09 ms
Remote clock offset: -3.517 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:57:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 609.74 Mbit/s
95th percentile per-packet one-way delay: -2.216 ms
Loss rate: 5.24%
-- Flow 1:
Average throughput: 609.74 Mbit/s
95th percentile per-packet one-way delay: -2.216 ms
Loss rate: 5.24%
```

### Run 3: Report of PCC — Data Link

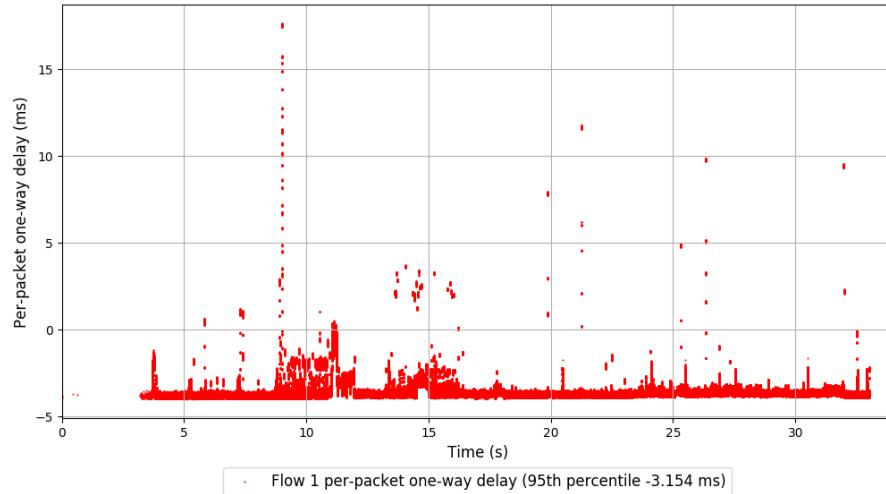
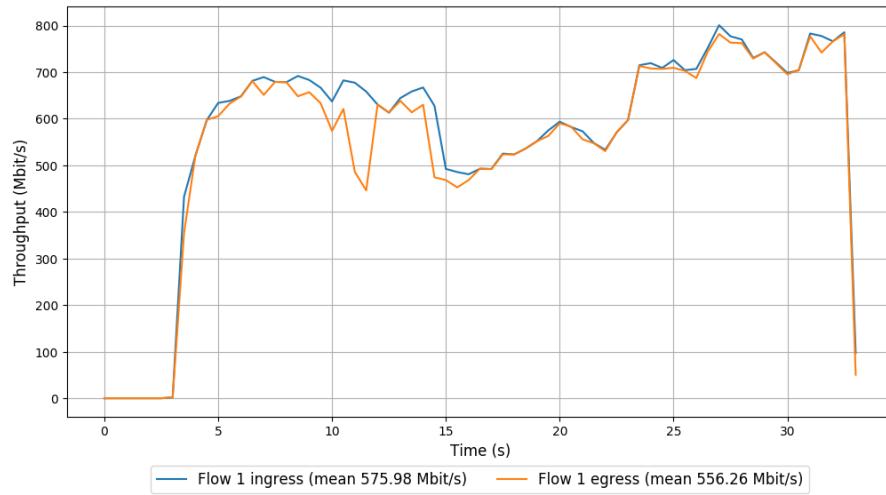


Run 4: Statistics of PCC

```
Start at: Fri, 16 Jun 2017 03:42:11 +0000
End at: Fri, 16 Jun 2017 03:42:41 +0000
Local clock offset: 1.879 ms
Remote clock offset: -3.039 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:57:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 556.26 Mbit/s
95th percentile per-packet one-way delay: -3.154 ms
Loss rate: 3.49%
-- Flow 1:
Average throughput: 556.26 Mbit/s
95th percentile per-packet one-way delay: -3.154 ms
Loss rate: 3.49%
```

### Run 4: Report of PCC — Data Link

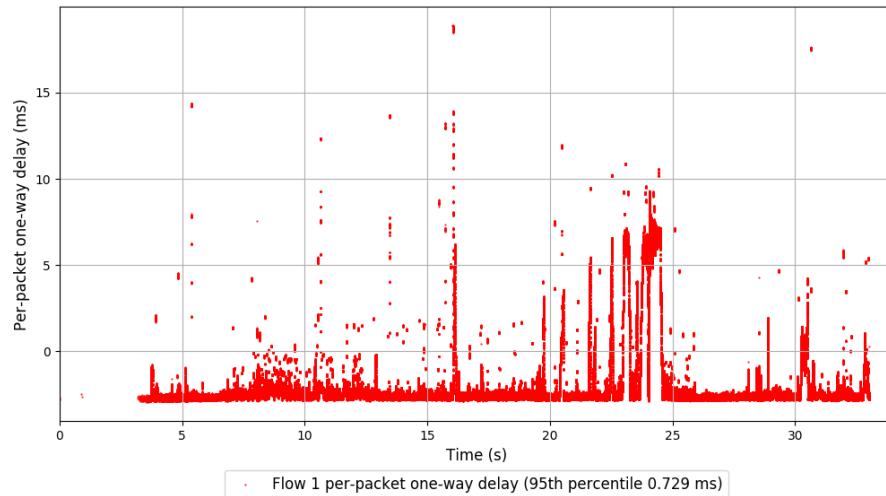
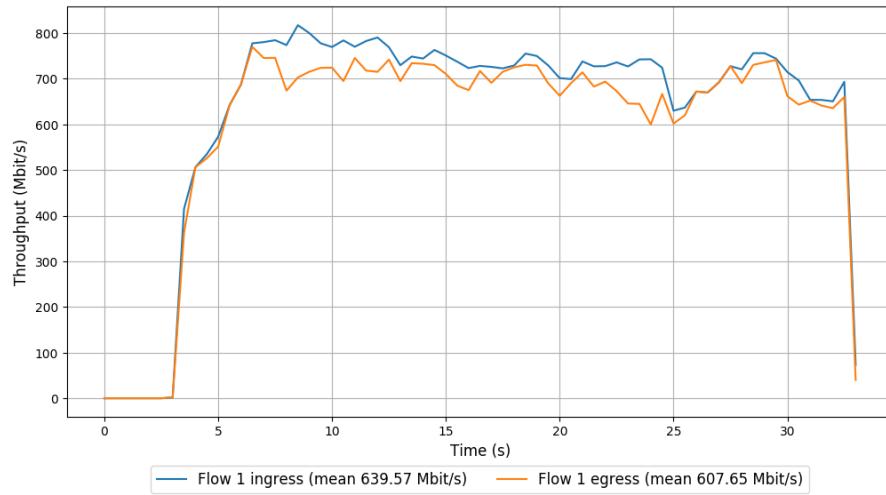


Run 5: Statistics of PCC

```
Start at: Fri, 16 Jun 2017 04:01:40 +0000
End at: Fri, 16 Jun 2017 04:02:10 +0000
Local clock offset: 0.721 ms
Remote clock offset: -3.068 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:58:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 607.65 Mbit/s
95th percentile per-packet one-way delay: 0.729 ms
Loss rate: 5.05%
-- Flow 1:
Average throughput: 607.65 Mbit/s
95th percentile per-packet one-way delay: 0.729 ms
Loss rate: 5.05%
```

### Run 5: Report of PCC — Data Link

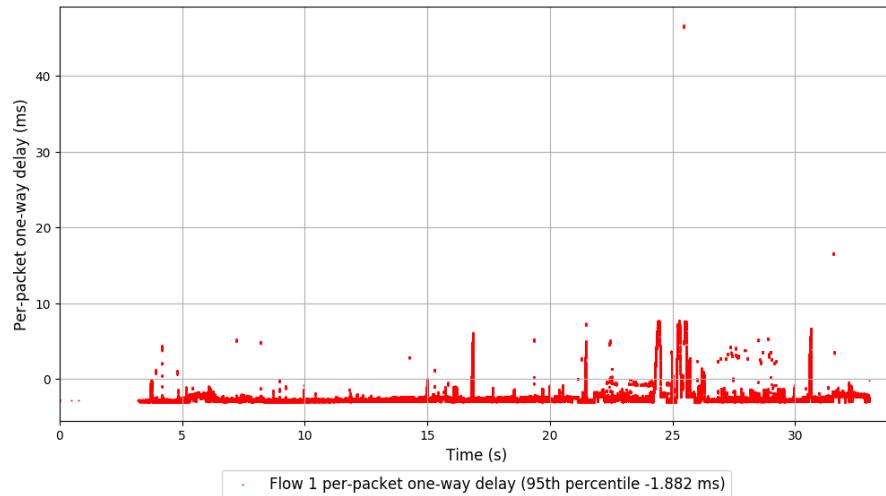
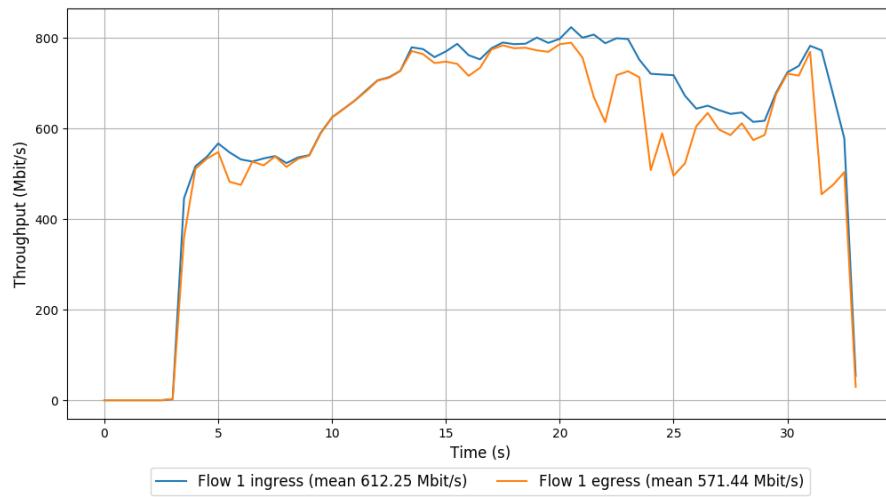


Run 6: Statistics of PCC

```
Start at: Fri, 16 Jun 2017 04:21:22 +0000
End at: Fri, 16 Jun 2017 04:21:52 +0000
Local clock offset: 0.898 ms
Remote clock offset: -3.149 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:58:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 571.44 Mbit/s
95th percentile per-packet one-way delay: -1.882 ms
Loss rate: 6.71%
-- Flow 1:
Average throughput: 571.44 Mbit/s
95th percentile per-packet one-way delay: -1.882 ms
Loss rate: 6.71%
```

### Run 6: Report of PCC — Data Link

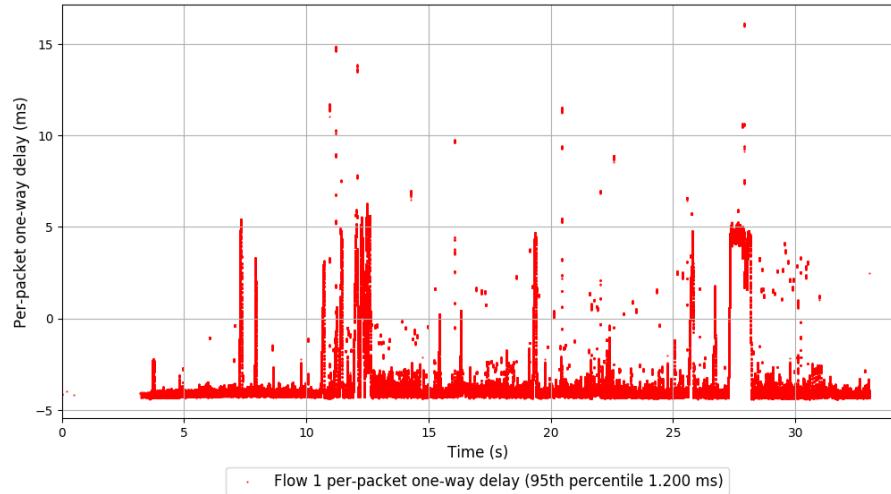
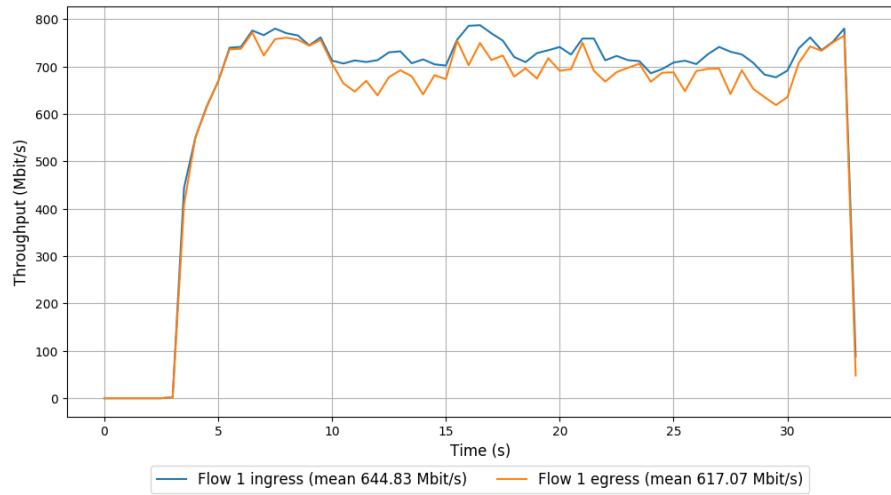


Run 7: Statistics of PCC

```
Start at: Fri, 16 Jun 2017 04:40:52 +0000
End at: Fri, 16 Jun 2017 04:41:22 +0000
Local clock offset: 2.271 ms
Remote clock offset: -2.959 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:00:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 617.07 Mbit/s
95th percentile per-packet one-way delay: 1.200 ms
Loss rate: 4.35%
-- Flow 1:
Average throughput: 617.07 Mbit/s
95th percentile per-packet one-way delay: 1.200 ms
Loss rate: 4.35%
```

### Run 7: Report of PCC — Data Link

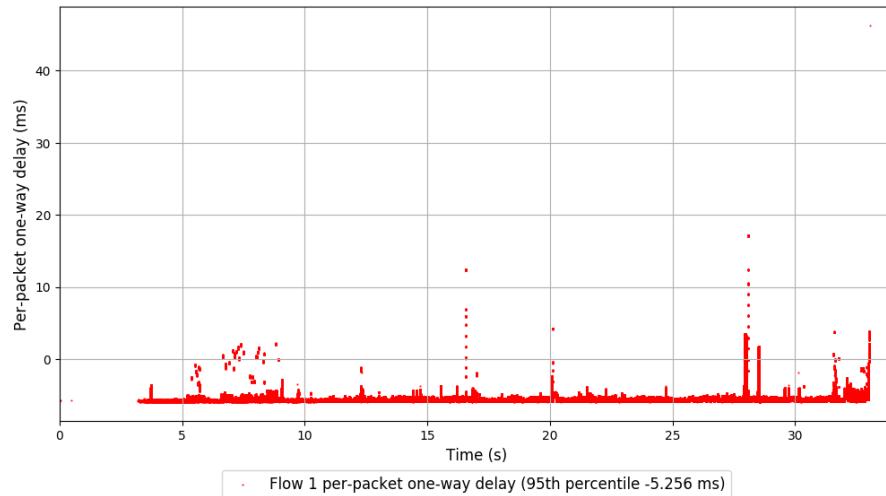
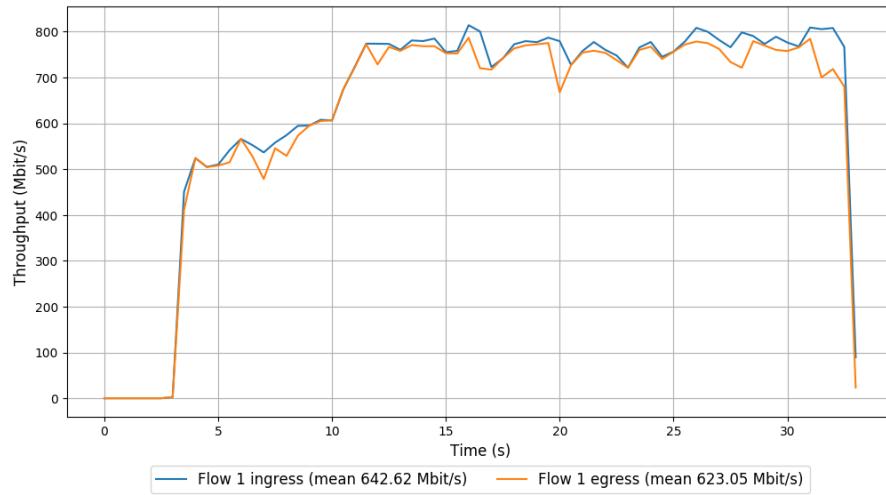


Run 8: Statistics of PCC

```
Start at: Fri, 16 Jun 2017 05:00:31 +0000
End at: Fri, 16 Jun 2017 05:01:01 +0000
Local clock offset: 4.071 ms
Remote clock offset: -2.832 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:00:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 623.05 Mbit/s
95th percentile per-packet one-way delay: -5.256 ms
Loss rate: 3.01%
-- Flow 1:
Average throughput: 623.05 Mbit/s
95th percentile per-packet one-way delay: -5.256 ms
Loss rate: 3.01%
```

### Run 8: Report of PCC — Data Link

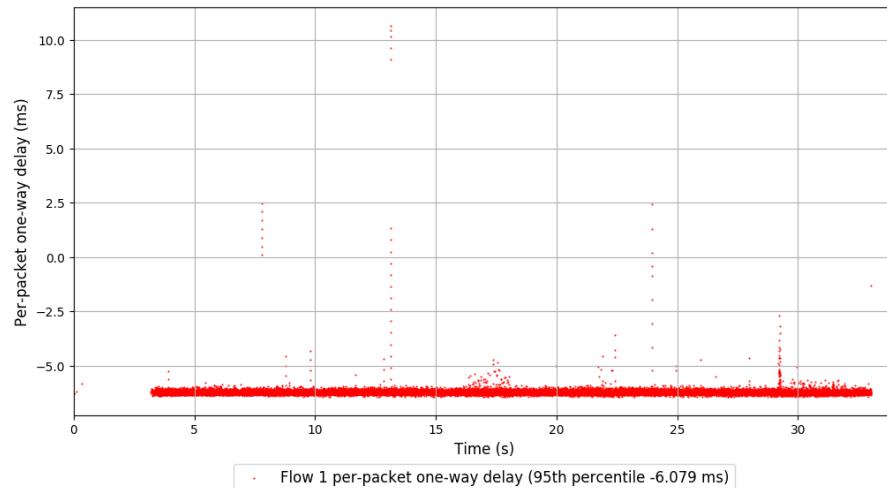
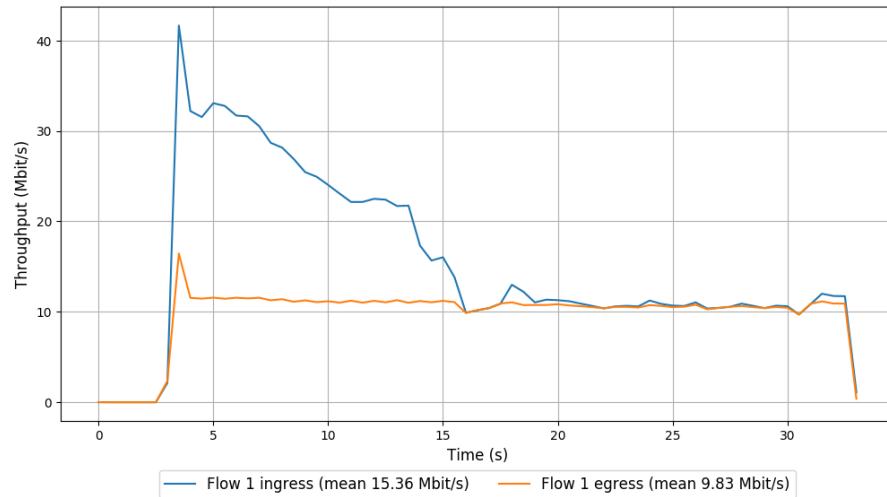


Run 9: Statistics of PCC

```
Start at: Fri, 16 Jun 2017 05:19:33 +0000
End at: Fri, 16 Jun 2017 05:20:03 +0000
Local clock offset: 4.958 ms
Remote clock offset: -2.398 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:00:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.83 Mbit/s
95th percentile per-packet one-way delay: -6.079 ms
Loss rate: 36.05%
-- Flow 1:
Average throughput: 9.83 Mbit/s
95th percentile per-packet one-way delay: -6.079 ms
Loss rate: 36.05%
```

## Run 9: Report of PCC — Data Link

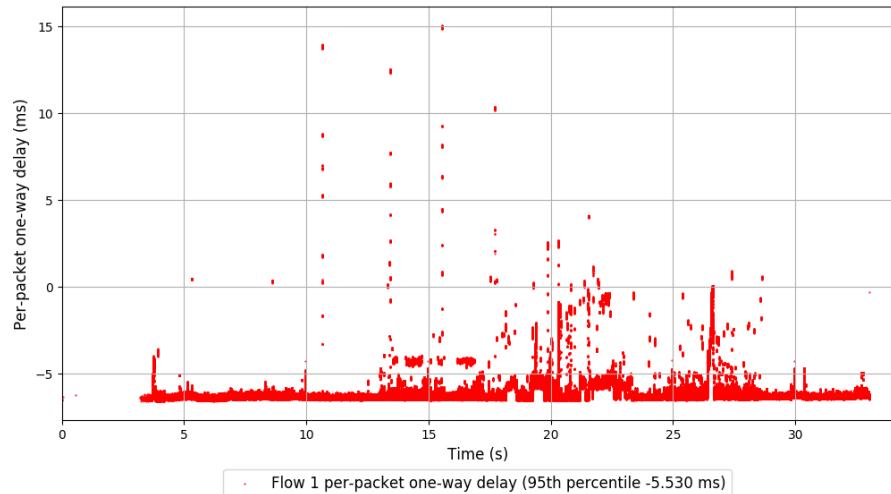
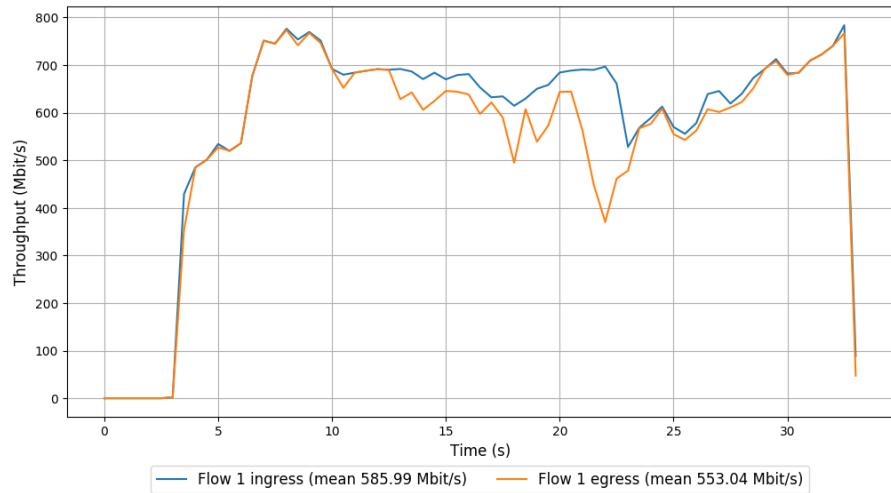


Run 10: Statistics of PCC

```
Start at: Fri, 16 Jun 2017 05:37:38 +0000
End at: Fri, 16 Jun 2017 05:38:08 +0000
Local clock offset: 5.479 ms
Remote clock offset: -2.061 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:01:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 553.04 Mbit/s
95th percentile per-packet one-way delay: -5.530 ms
Loss rate: 5.67%
-- Flow 1:
Average throughput: 553.04 Mbit/s
95th percentile per-packet one-way delay: -5.530 ms
Loss rate: 5.67%
```

## Run 10: Report of PCC — Data Link

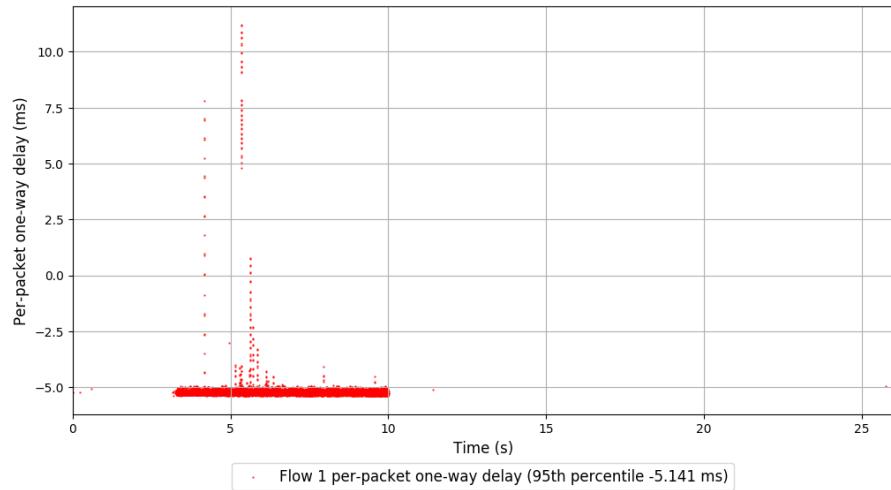
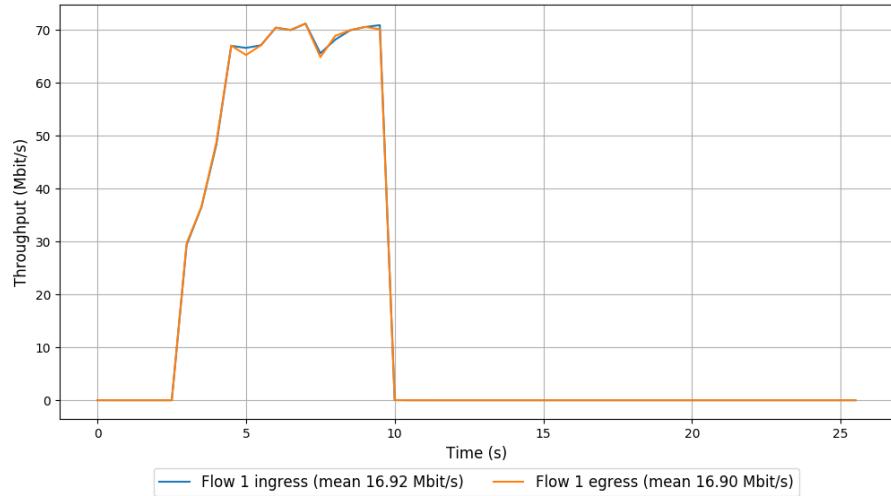


Run 1: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 16 Jun 2017 02:27:17 +0000
End at: Fri, 16 Jun 2017 02:27:47 +0000
Local clock offset: 2.878 ms
Remote clock offset: -3.346 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:01:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.90 Mbit/s
95th percentile per-packet one-way delay: -5.141 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 16.90 Mbit/s
95th percentile per-packet one-way delay: -5.141 ms
Loss rate: 0.15%
```

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

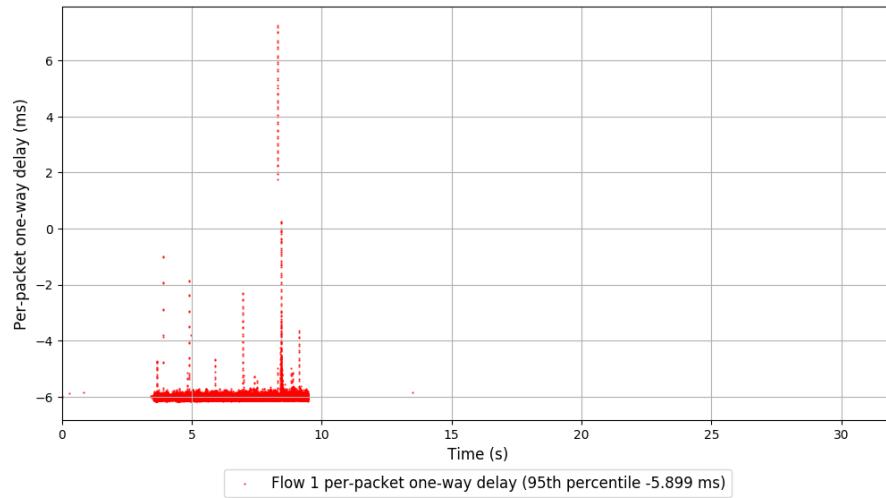
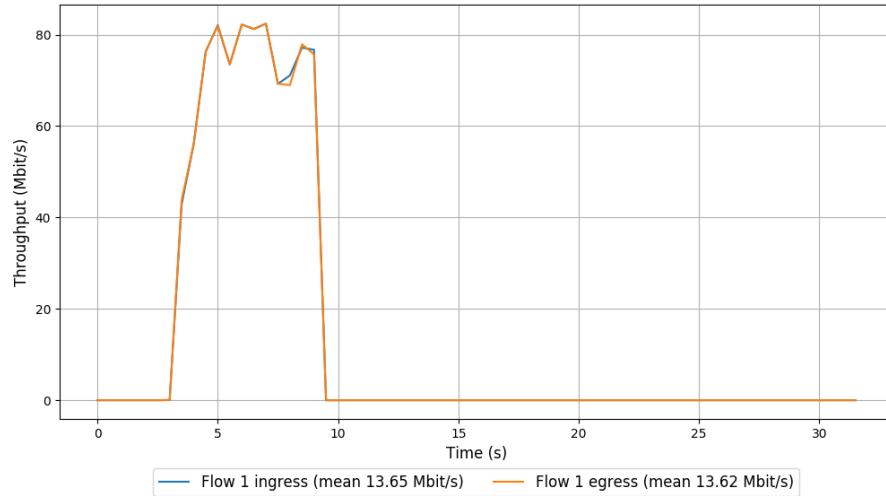


Run 2: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 16 Jun 2017 02:46:54 +0000
End at: Fri, 16 Jun 2017 02:47:24 +0000
Local clock offset: 3.811 ms
Remote clock offset: -3.314 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:01:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.62 Mbit/s
95th percentile per-packet one-way delay: -5.899 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 13.62 Mbit/s
95th percentile per-packet one-way delay: -5.899 ms
Loss rate: 0.16%
```

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

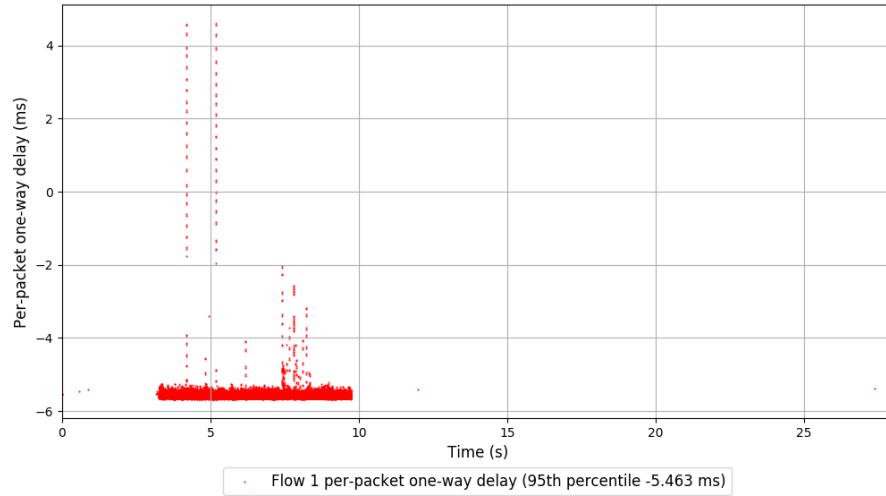
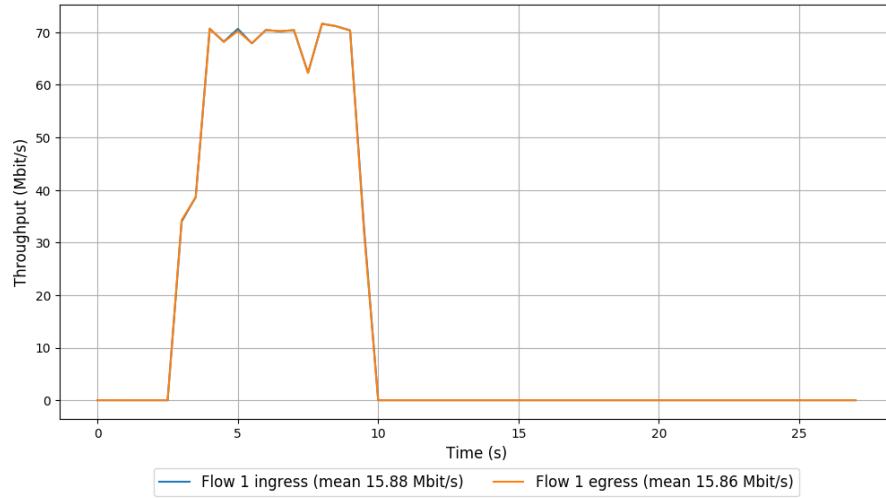


Run 3: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 16 Jun 2017 03:06:32 +0000
End at: Fri, 16 Jun 2017 03:07:02 +0000
Local clock offset: 3.105 ms
Remote clock offset: -3.559 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:01:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.86 Mbit/s
95th percentile per-packet one-way delay: -5.463 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 15.86 Mbit/s
95th percentile per-packet one-way delay: -5.463 ms
Loss rate: 0.10%
```

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

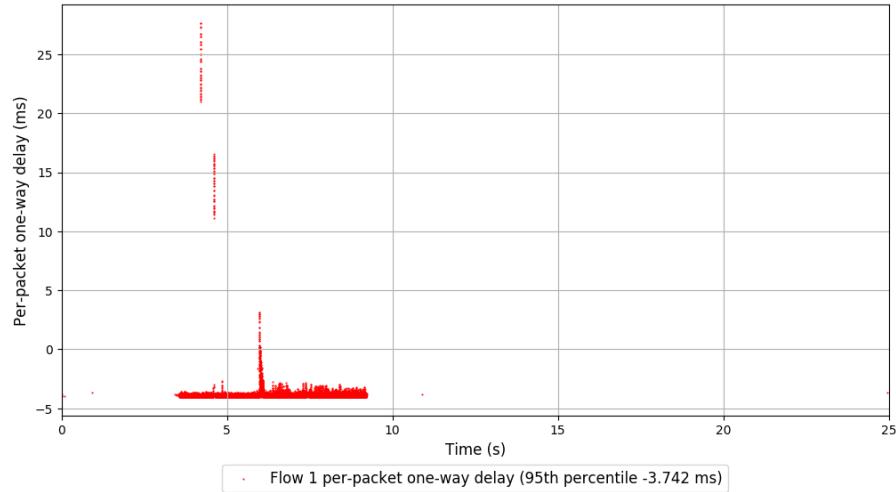
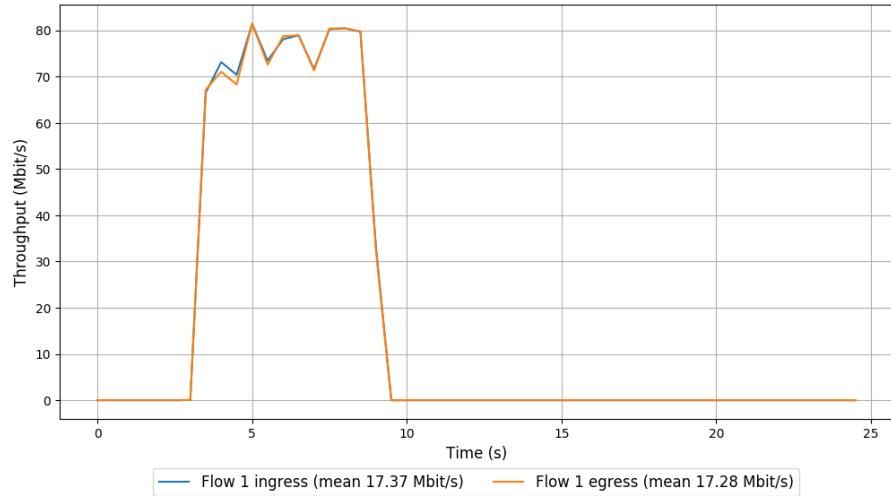


Run 4: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 16 Jun 2017 03:25:57 +0000
End at: Fri, 16 Jun 2017 03:26:27 +0000
Local clock offset: 1.626 ms
Remote clock offset: -3.429 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:01:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.28 Mbit/s
95th percentile per-packet one-way delay: -3.742 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 17.28 Mbit/s
95th percentile per-packet one-way delay: -3.742 ms
Loss rate: 0.51%
```

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

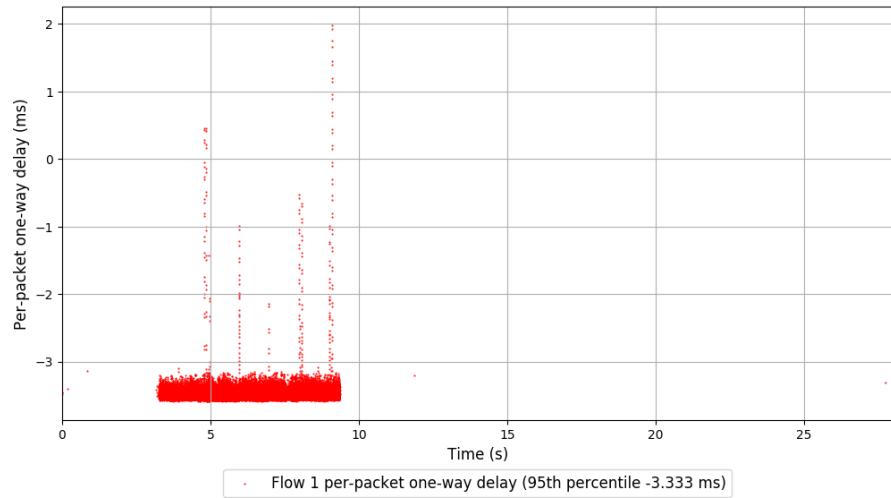
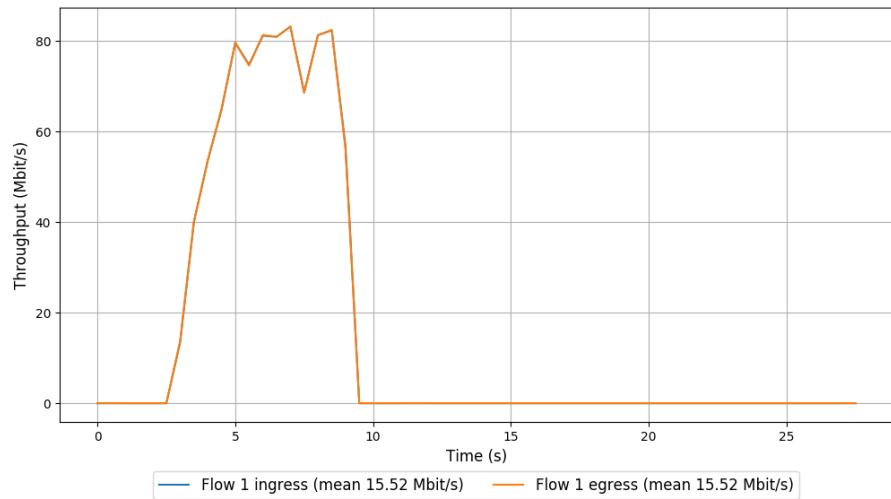


Run 5: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 16 Jun 2017 03:45:22 +0000
End at: Fri, 16 Jun 2017 03:45:52 +0000
Local clock offset: 1.531 ms
Remote clock offset: -2.971 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:01:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.52 Mbit/s
95th percentile per-packet one-way delay: -3.333 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 15.52 Mbit/s
95th percentile per-packet one-way delay: -3.333 ms
Loss rate: 0.00%
```

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

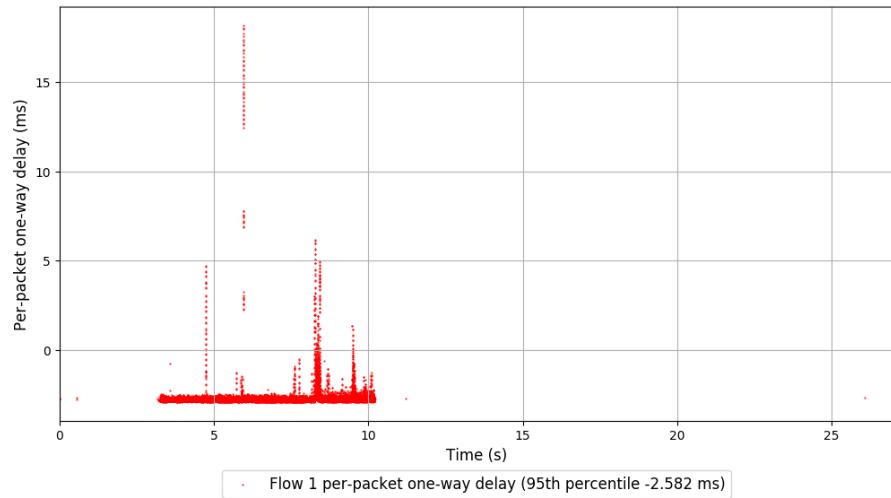
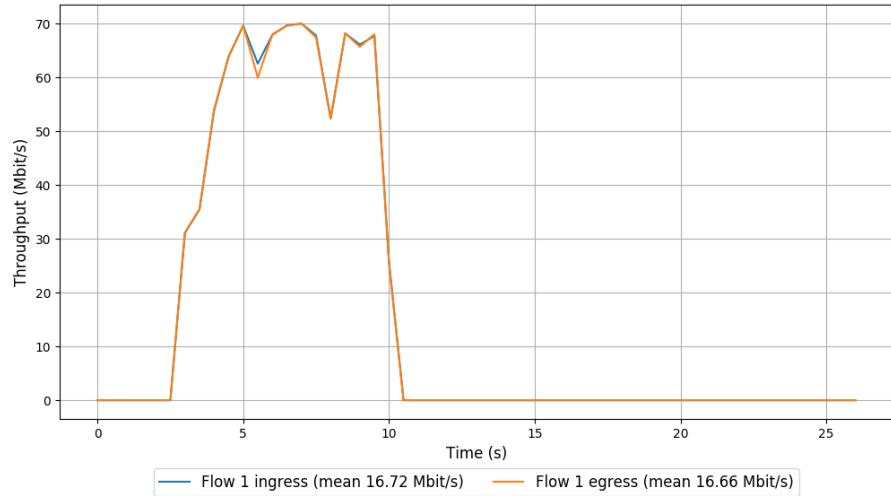


Run 6: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 16 Jun 2017 04:04:54 +0000
End at: Fri, 16 Jun 2017 04:05:24 +0000
Local clock offset: 0.743 ms
Remote clock offset: -3.133 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:01:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.66 Mbit/s
95th percentile per-packet one-way delay: -2.582 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 16.66 Mbit/s
95th percentile per-packet one-way delay: -2.582 ms
Loss rate: 0.36%
```

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



Run 7: Statistics of QUIC Cubic (toy)

Start at: Fri, 16 Jun 2017 04:24:37 +0000

End at: Fri, 16 Jun 2017 04:25:07 +0000

Local clock offset: 0.925 ms

Remote clock offset: -3.091 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:01:52 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 17.44 Mbit/s

95th percentile per-packet one-way delay: -2.762 ms

Loss rate: 0.13%

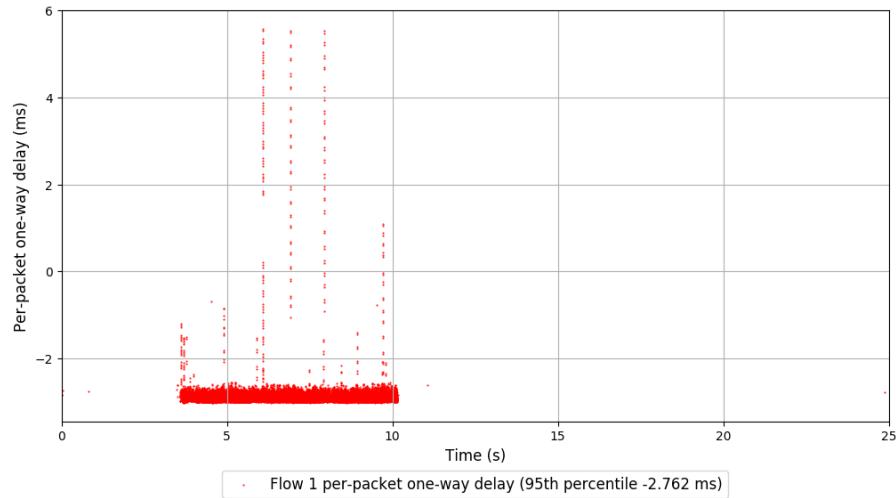
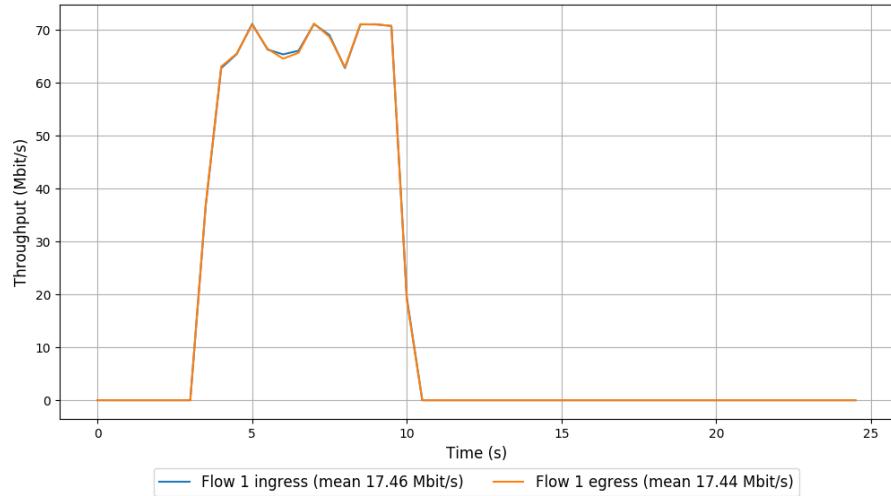
-- Flow 1:

Average throughput: 17.44 Mbit/s

95th percentile per-packet one-way delay: -2.762 ms

Loss rate: 0.13%

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

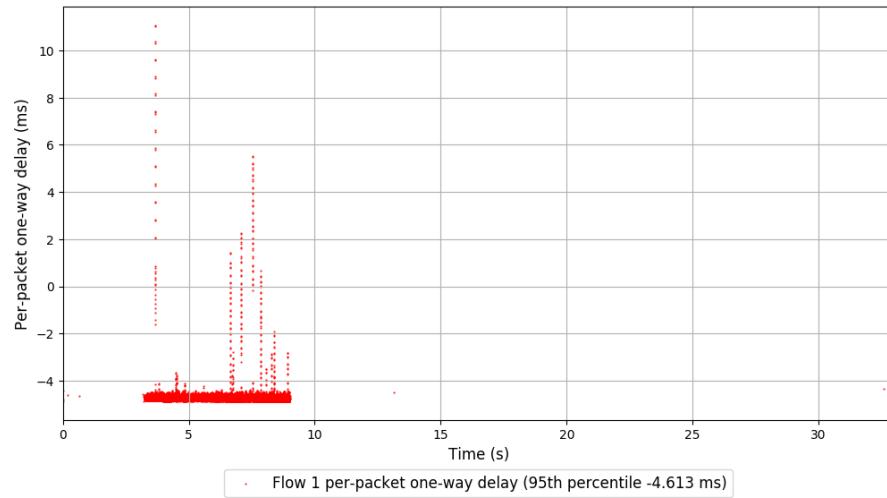
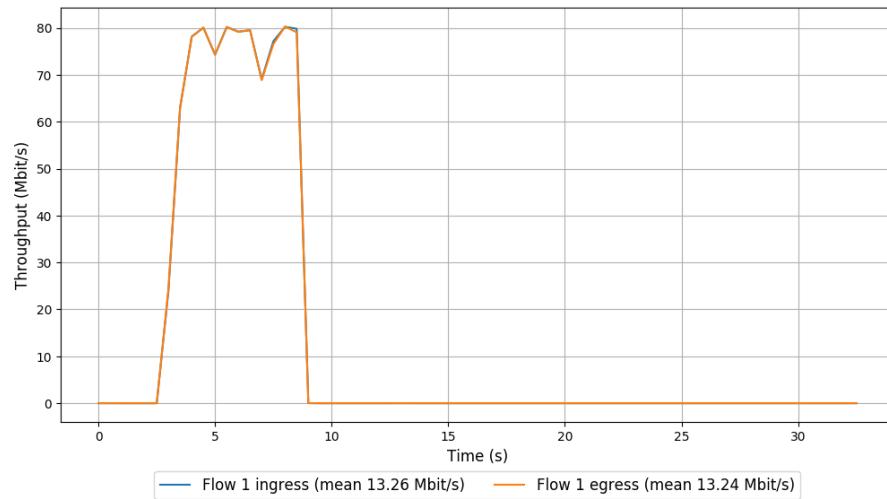


Run 8: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 16 Jun 2017 04:44:06 +0000
End at: Fri, 16 Jun 2017 04:44:36 +0000
Local clock offset: 2.754 ms
Remote clock offset: -3.062 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:01:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.24 Mbit/s
95th percentile per-packet one-way delay: -4.613 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 13.24 Mbit/s
95th percentile per-packet one-way delay: -4.613 ms
Loss rate: 0.12%
```

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

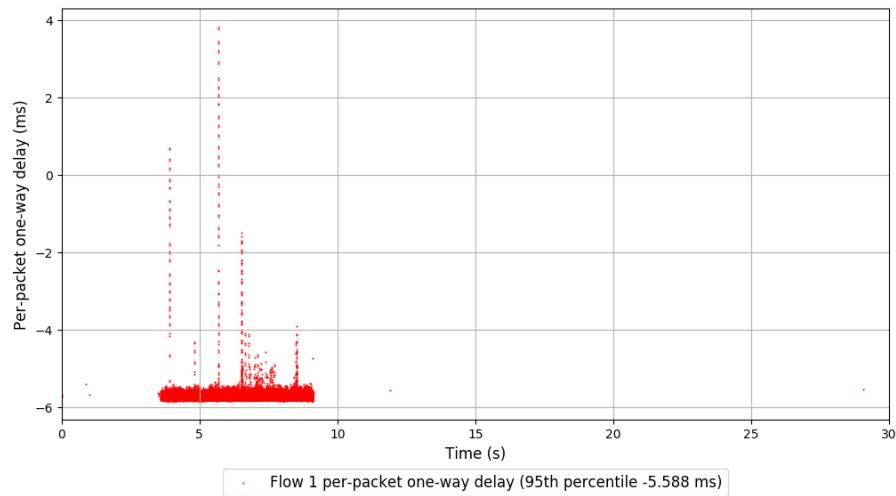
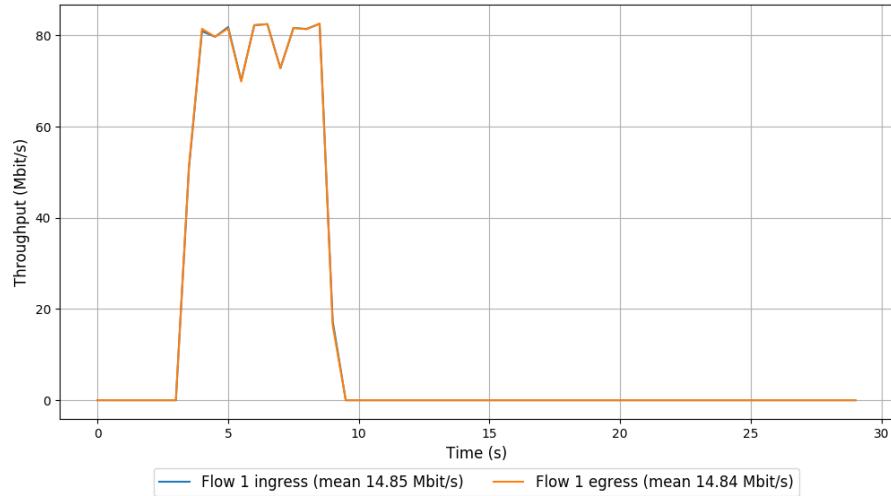


Run 9: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 16 Jun 2017 05:03:47 +0000
End at: Fri, 16 Jun 2017 05:04:17 +0000
Local clock offset: 4.165 ms
Remote clock offset: -2.672 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:01:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.84 Mbit/s
95th percentile per-packet one-way delay: -5.588 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 14.84 Mbit/s
95th percentile per-packet one-way delay: -5.588 ms
Loss rate: 0.07%
```

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



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

```
Start at: Fri, 16 Jun 2017 05:21:57 +0000
```

```
End at: Fri, 16 Jun 2017 05:22:27 +0000
```

```
Local clock offset: 5.036 ms
```

```
Remote clock offset: -2.402 ms
```

```
# Below is generated by plot.py at Fri, 16 Jun 2017 08:01:52 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 9.85 Mbit/s
```

```
95th percentile per-packet one-way delay: -6.196 ms
```

```
Loss rate: 5.56%
```

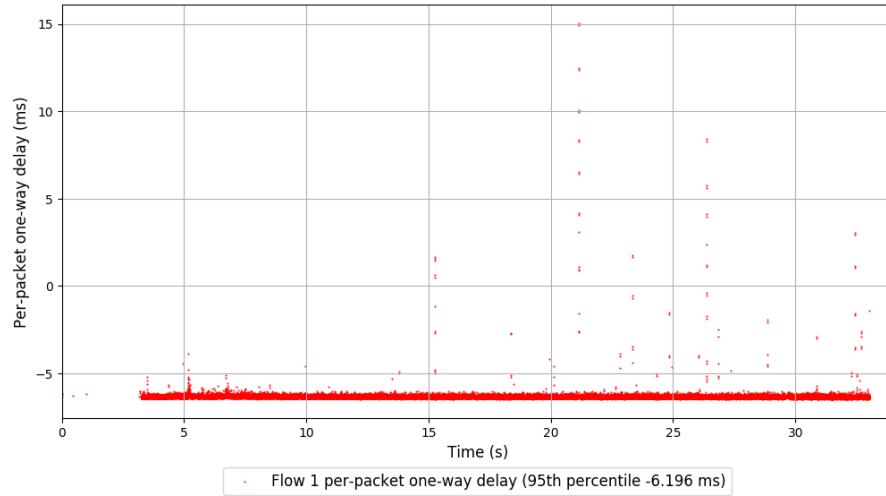
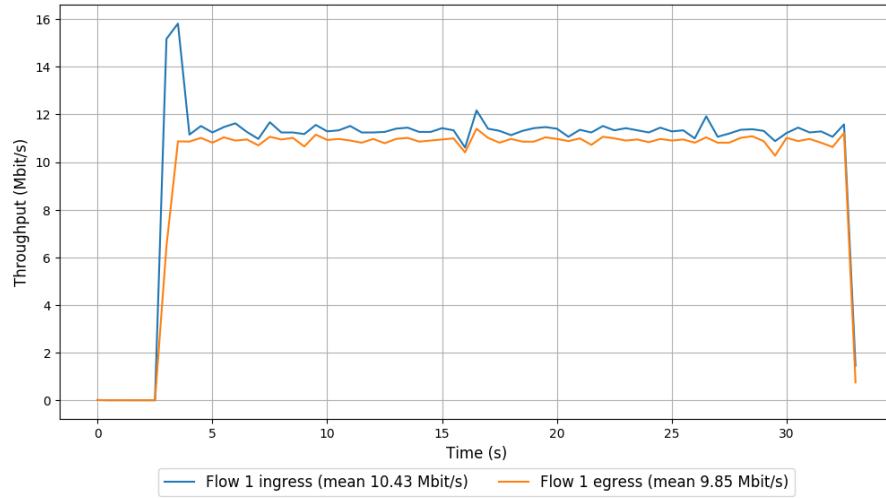
```
-- Flow 1:
```

```
Average throughput: 9.85 Mbit/s
```

```
95th percentile per-packet one-way delay: -6.196 ms
```

```
Loss rate: 5.56%
```

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

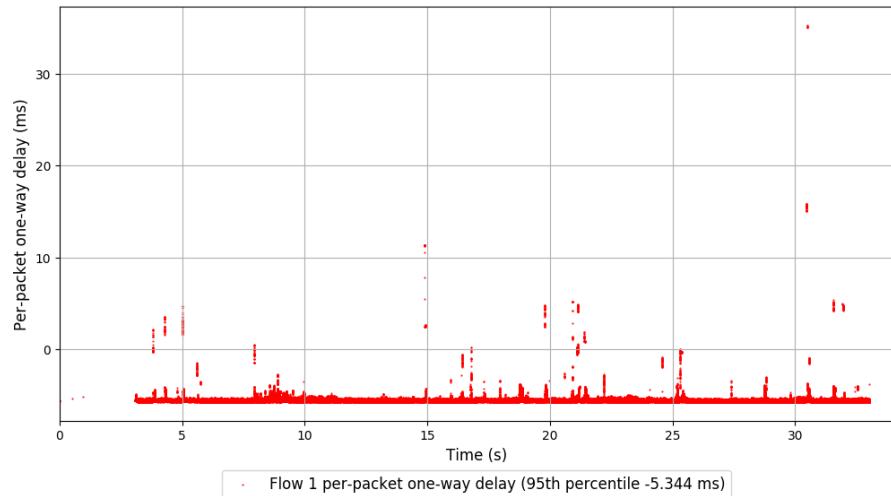
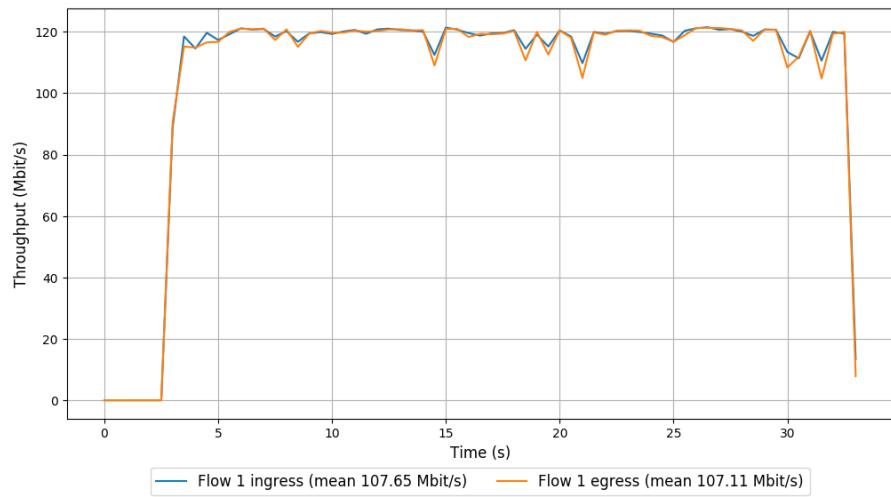


Run 1: Statistics of Saturator

```
Start at: Fri, 16 Jun 2017 02:30:55 +0000
End at: Fri, 16 Jun 2017 02:31:25 +0000
Local clock offset: 3.253 ms
Remote clock offset: -3.4 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:01:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 107.11 Mbit/s
95th percentile per-packet one-way delay: -5.344 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 107.11 Mbit/s
95th percentile per-packet one-way delay: -5.344 ms
Loss rate: 0.56%
```

Run 1: Report of Saturator — Data Link

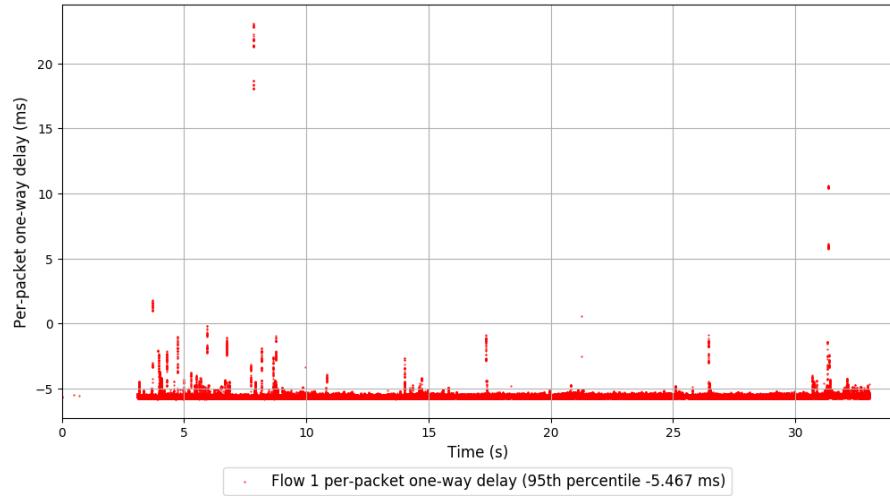
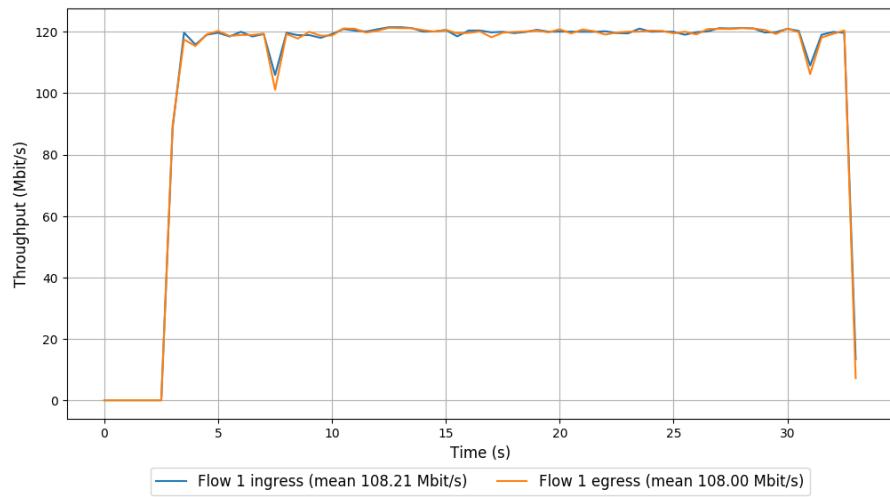


Run 2: Statistics of Saturator

```
Start at: Fri, 16 Jun 2017 02:50:32 +0000
End at: Fri, 16 Jun 2017 02:51:02 +0000
Local clock offset: 3.463 ms
Remote clock offset: -3.402 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:01:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 108.00 Mbit/s
95th percentile per-packet one-way delay: -5.467 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 108.00 Mbit/s
95th percentile per-packet one-way delay: -5.467 ms
Loss rate: 0.25%
```

Run 2: Report of Saturator — Data Link

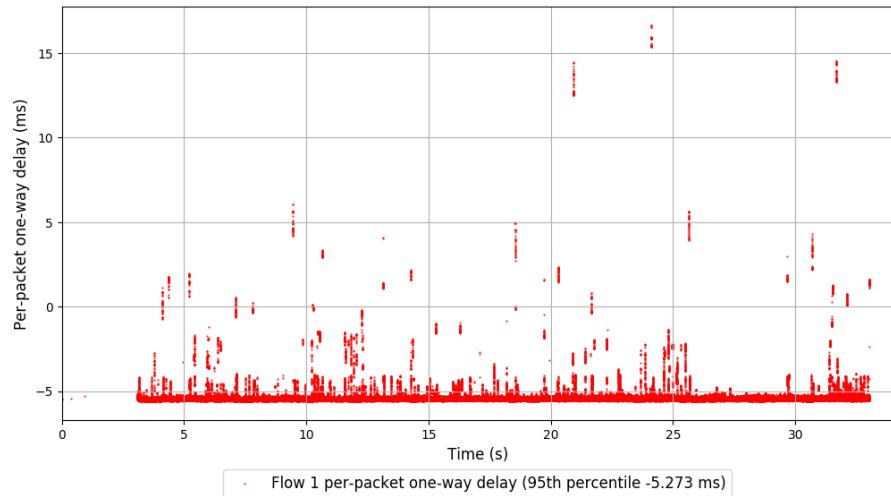
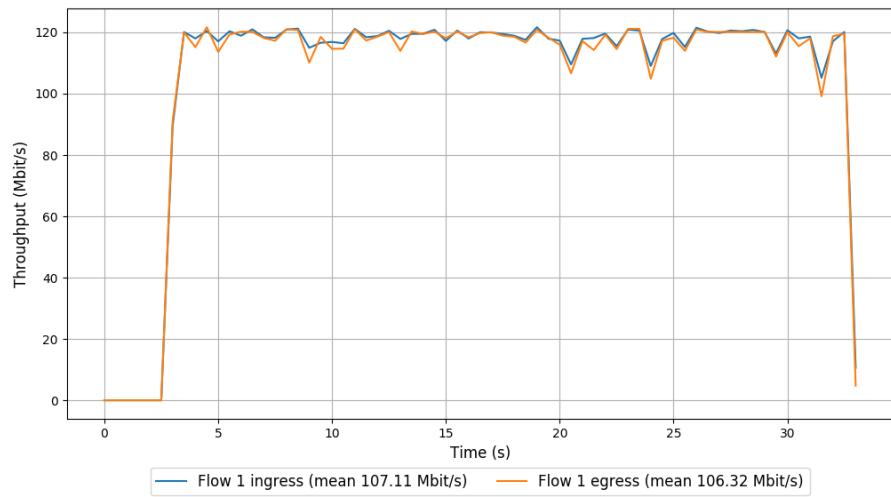


Run 3: Statistics of Saturator

```
Start at: Fri, 16 Jun 2017 03:10:10 +0000
End at: Fri, 16 Jun 2017 03:10:40 +0000
Local clock offset: 3.029 ms
Remote clock offset: -3.521 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:01:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 106.32 Mbit/s
95th percentile per-packet one-way delay: -5.273 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 106.32 Mbit/s
95th percentile per-packet one-way delay: -5.273 ms
Loss rate: 0.76%
```

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

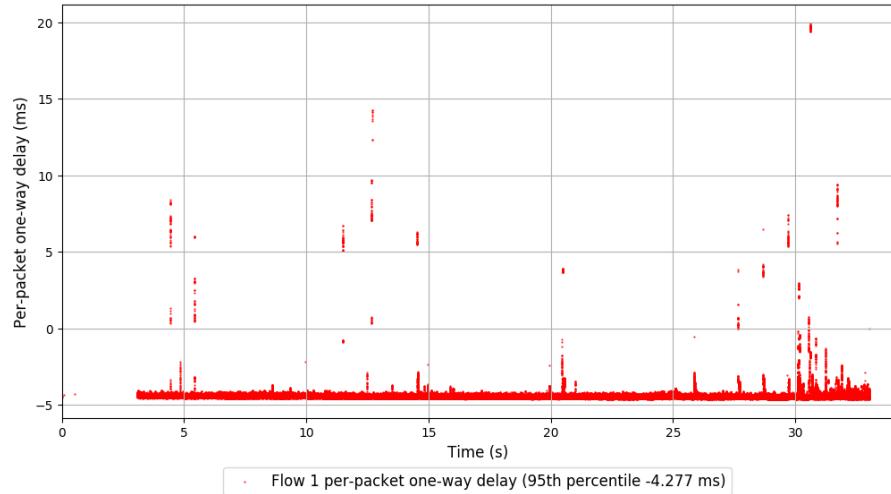
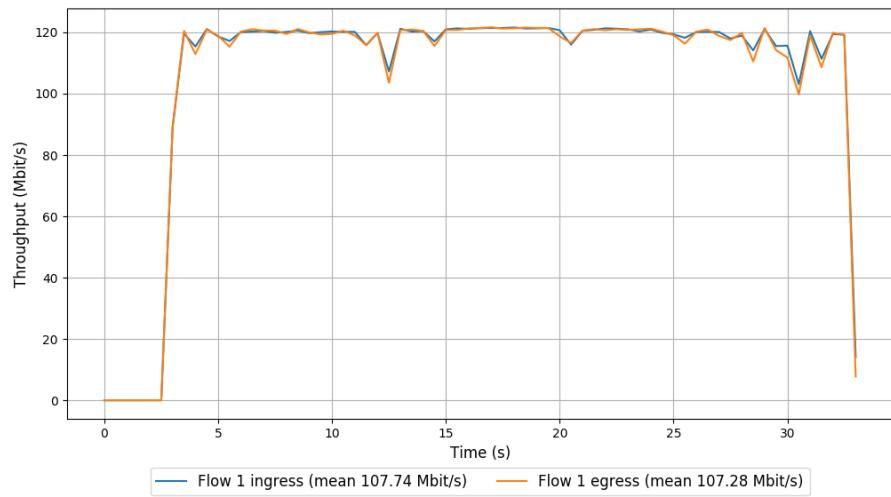


Run 4: Statistics of Saturator

```
Start at: Fri, 16 Jun 2017 03:29:32 +0000
End at: Fri, 16 Jun 2017 03:30:02 +0000
Local clock offset: 2.162 ms
Remote clock offset: -3.224 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:01:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 107.28 Mbit/s
95th percentile per-packet one-way delay: -4.277 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 107.28 Mbit/s
95th percentile per-packet one-way delay: -4.277 ms
Loss rate: 0.47%
```

Run 4: Report of Saturator — Data Link

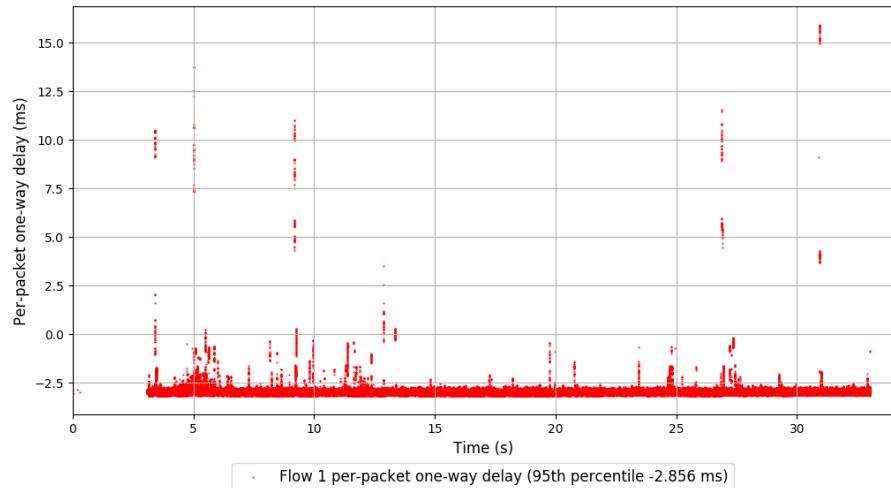
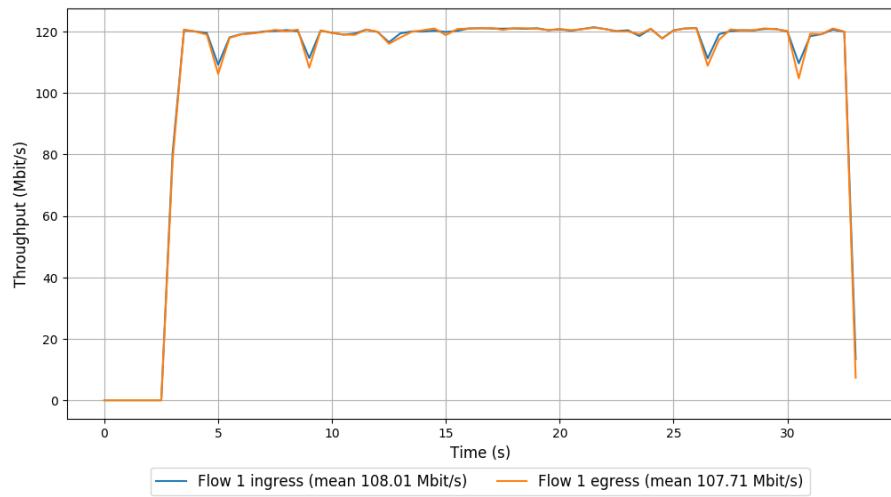


Run 5: Statistics of Saturator

```
Start at: Fri, 16 Jun 2017 03:48:59 +0000
End at: Fri, 16 Jun 2017 03:49:29 +0000
Local clock offset: 1.338 ms
Remote clock offset: -2.929 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:02:09 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 107.71 Mbit/s
95th percentile per-packet one-way delay: -2.856 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 107.71 Mbit/s
95th percentile per-packet one-way delay: -2.856 ms
Loss rate: 0.33%
```

Run 5: Report of Saturator — Data Link

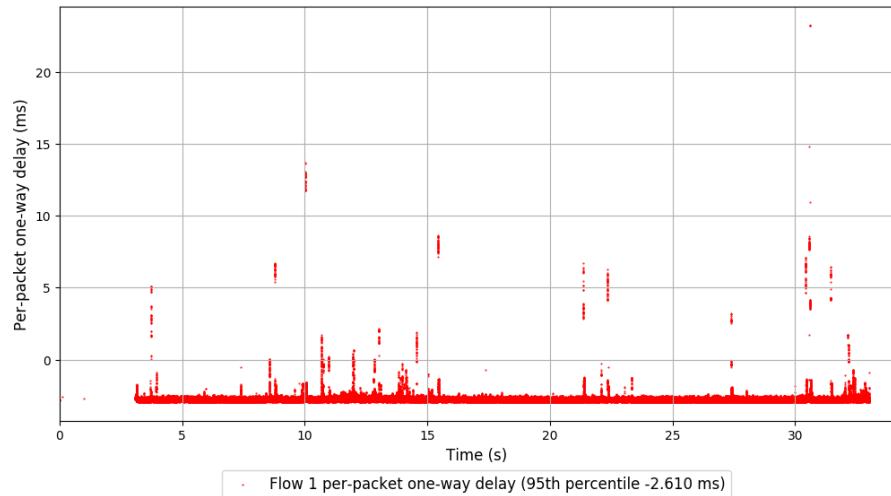
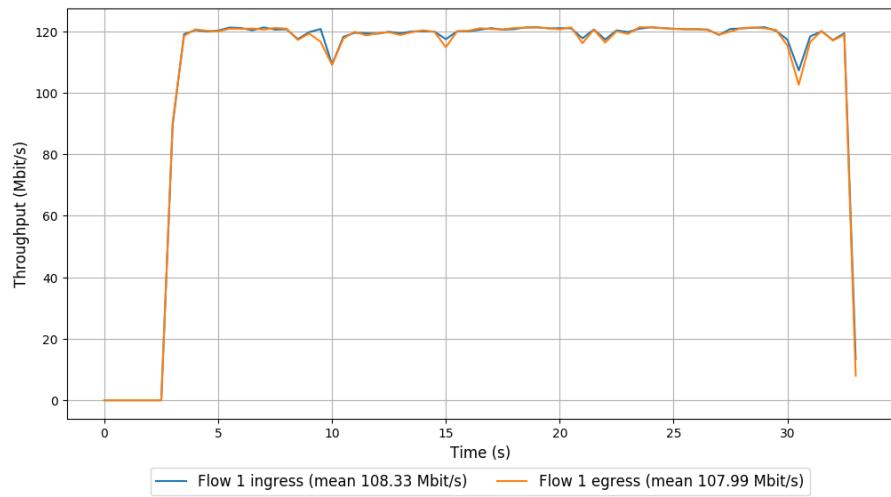


Run 6: Statistics of Saturator

```
Start at: Fri, 16 Jun 2017 04:08:30 +0000
End at: Fri, 16 Jun 2017 04:09:01 +0000
Local clock offset: 0.713 ms
Remote clock offset: -3.106 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:02:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 107.99 Mbit/s
95th percentile per-packet one-way delay: -2.610 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 107.99 Mbit/s
95th percentile per-packet one-way delay: -2.610 ms
Loss rate: 0.36%
```

Run 6: Report of Saturator — Data Link

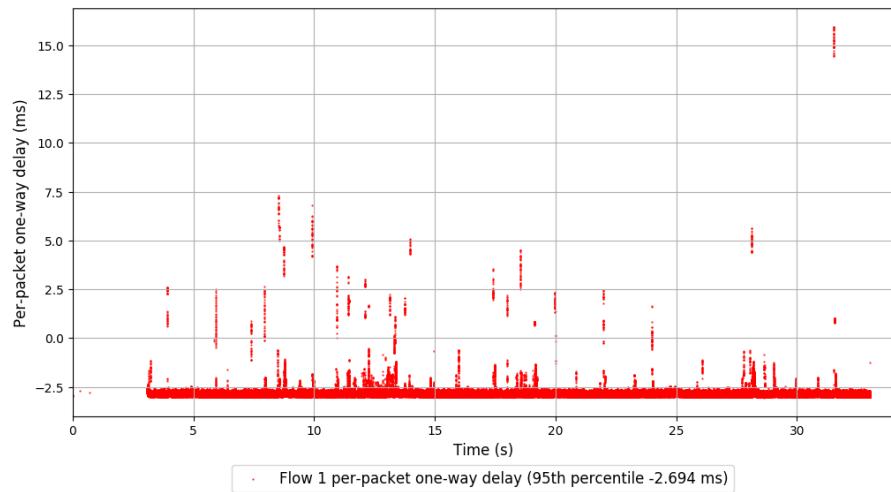
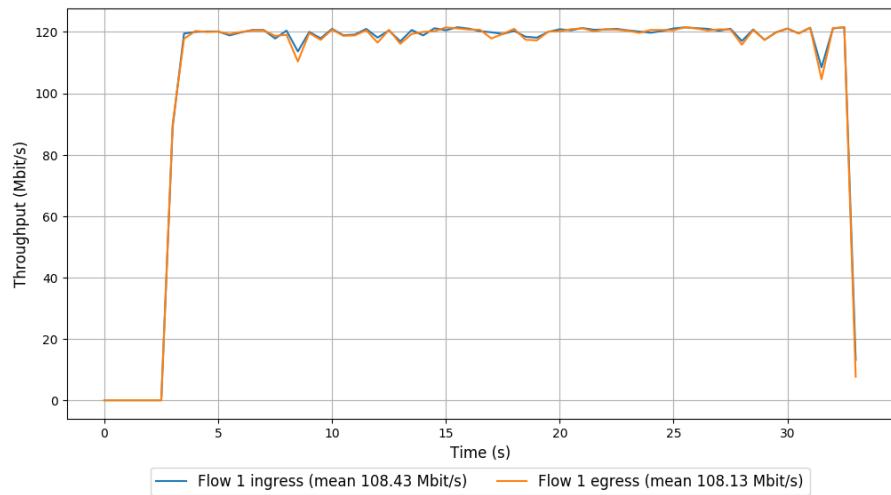


Run 7: Statistics of Saturator

```
Start at: Fri, 16 Jun 2017 04:28:14 +0000
End at: Fri, 16 Jun 2017 04:28:44 +0000
Local clock offset: 0.906 ms
Remote clock offset: -2.991 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:02:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 108.13 Mbit/s
95th percentile per-packet one-way delay: -2.694 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 108.13 Mbit/s
95th percentile per-packet one-way delay: -2.694 ms
Loss rate: 0.34%
```

Run 7: Report of Saturator — Data Link

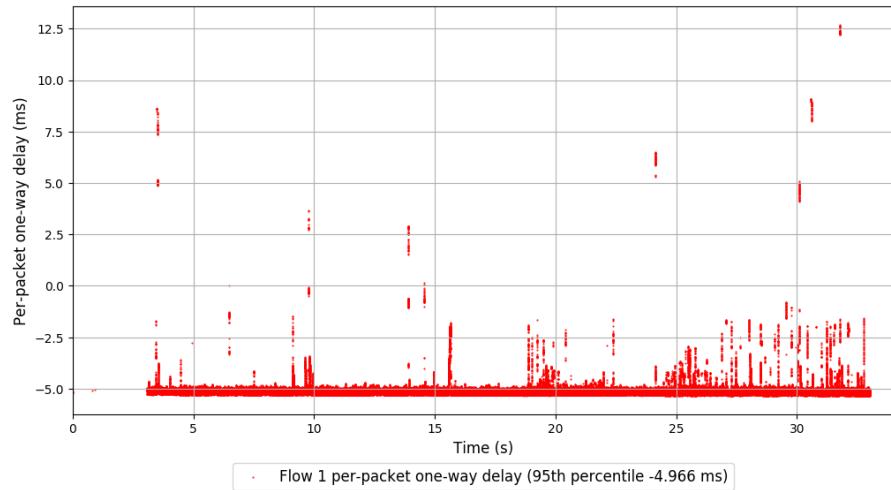
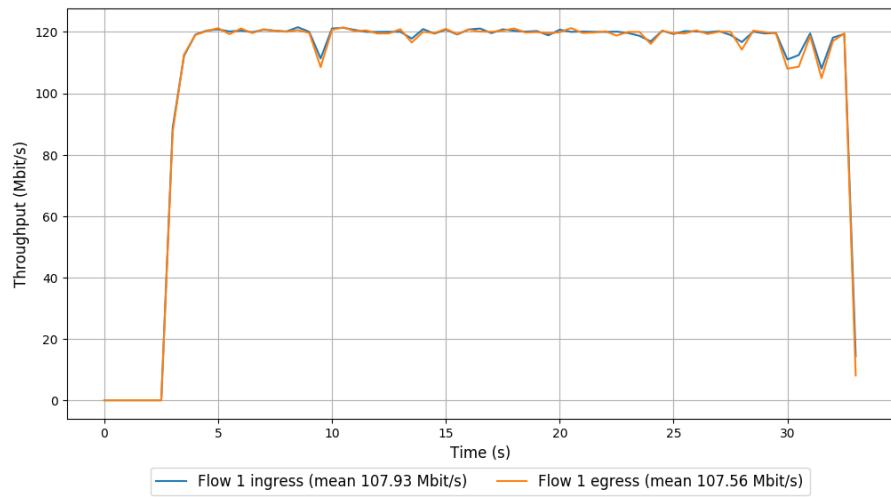


Run 8: Statistics of Saturator

```
Start at: Fri, 16 Jun 2017 04:47:44 +0000
End at: Fri, 16 Jun 2017 04:48:14 +0000
Local clock offset: 3.182 ms
Remote clock offset: -3.013 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:02:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 107.56 Mbit/s
95th percentile per-packet one-way delay: -4.966 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 107.56 Mbit/s
95th percentile per-packet one-way delay: -4.966 ms
Loss rate: 0.39%
```

Run 8: Report of Saturator — Data Link

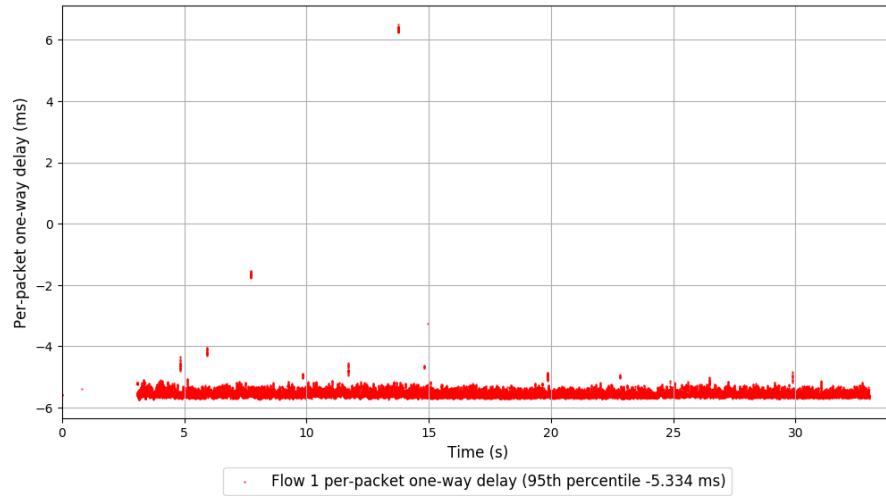
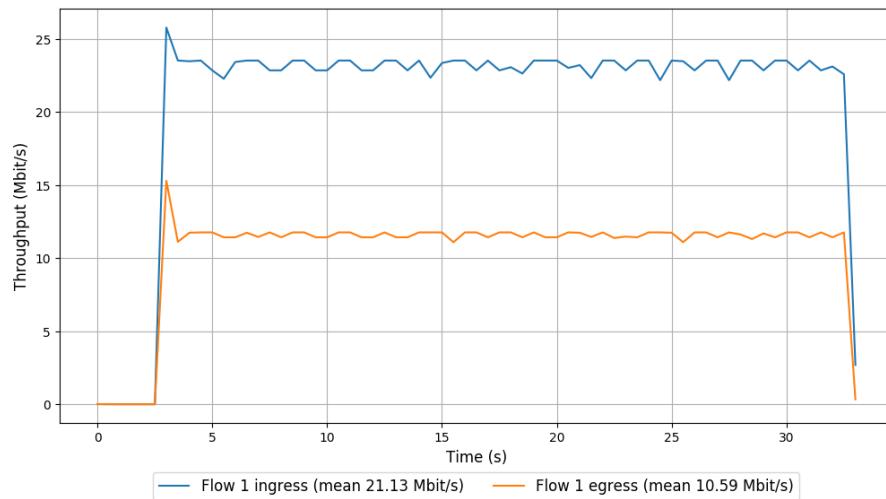


Run 9: Statistics of Saturator

```
Start at: Fri, 16 Jun 2017 05:07:25 +0000
End at: Fri, 16 Jun 2017 05:07:55 +0000
Local clock offset: 4.074 ms
Remote clock offset: -2.625 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:02:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.59 Mbit/s
95th percentile per-packet one-way delay: -5.334 ms
Loss rate: 49.90%
-- Flow 1:
Average throughput: 10.59 Mbit/s
95th percentile per-packet one-way delay: -5.334 ms
Loss rate: 49.90%
```

Run 9: Report of Saturator — Data Link

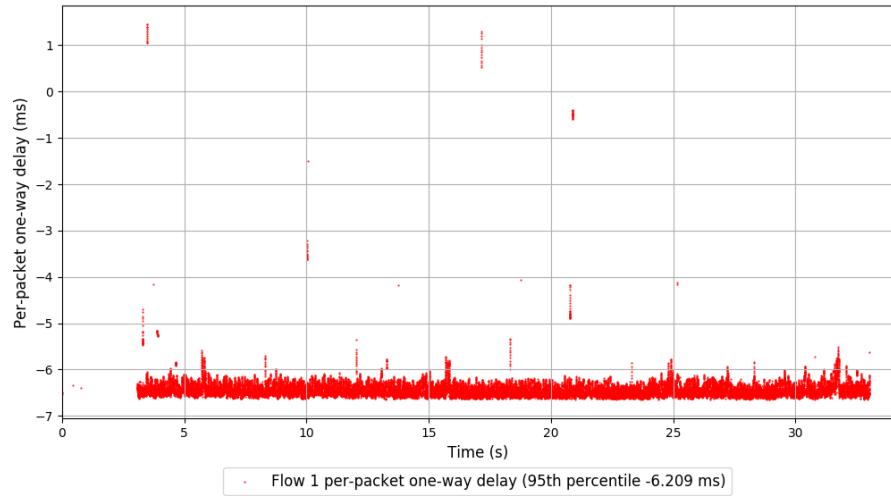
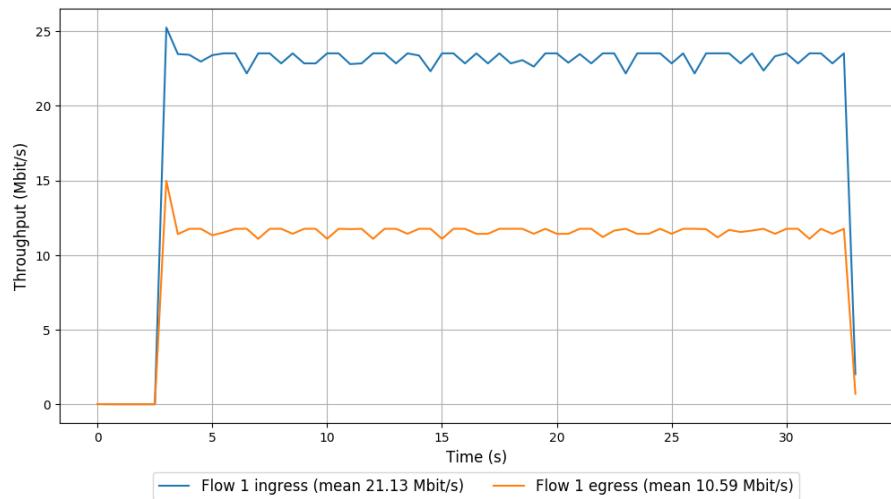


Run 10: Statistics of Saturator

```
Start at: Fri, 16 Jun 2017 05:25:33 +0000
End at: Fri, 16 Jun 2017 05:26:03 +0000
Local clock offset: 5.239 ms
Remote clock offset: -2.31 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:02:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.59 Mbit/s
95th percentile per-packet one-way delay: -6.209 ms
Loss rate: 49.90%
-- Flow 1:
Average throughput: 10.59 Mbit/s
95th percentile per-packet one-way delay: -6.209 ms
Loss rate: 49.90%
```

Run 10: Report of Saturator — Data Link



```
Run 1: Statistics of SCReAM
```

```
Start at: Fri, 16 Jun 2017 02:29:45 +0000
```

```
End at: Fri, 16 Jun 2017 02:30:15 +0000
```

```
Local clock offset: 3.081 ms
```

```
Remote clock offset: -3.463 ms
```

```
# Below is generated by plot.py at Fri, 16 Jun 2017 08:02:31 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 0.20 Mbit/s
```

```
95th percentile per-packet one-way delay: -5.227 ms
```

```
Loss rate: 0.00%
```

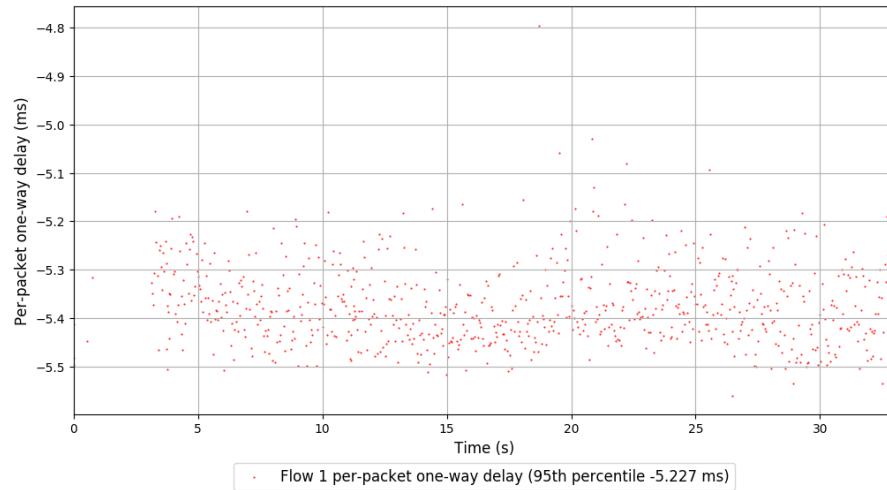
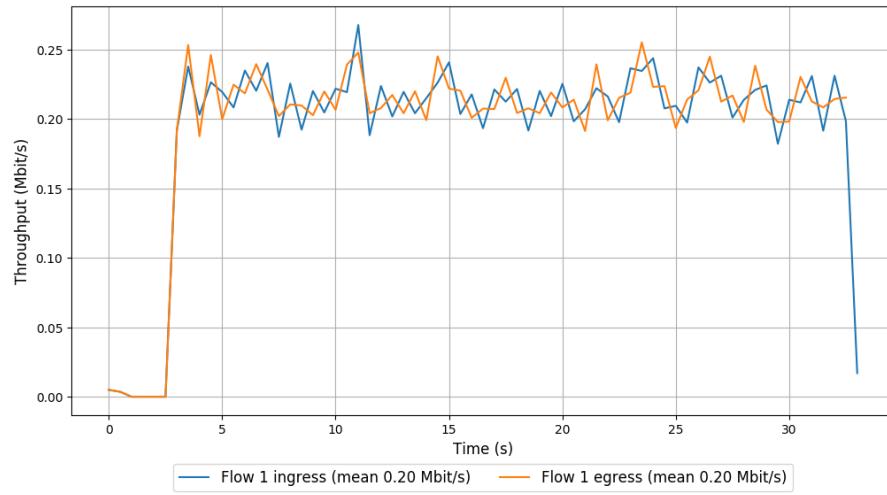
```
-- Flow 1:
```

```
Average throughput: 0.20 Mbit/s
```

```
95th percentile per-packet one-way delay: -5.227 ms
```

```
Loss rate: 0.00%
```

Run 1: Report of SCReAM — Data Link

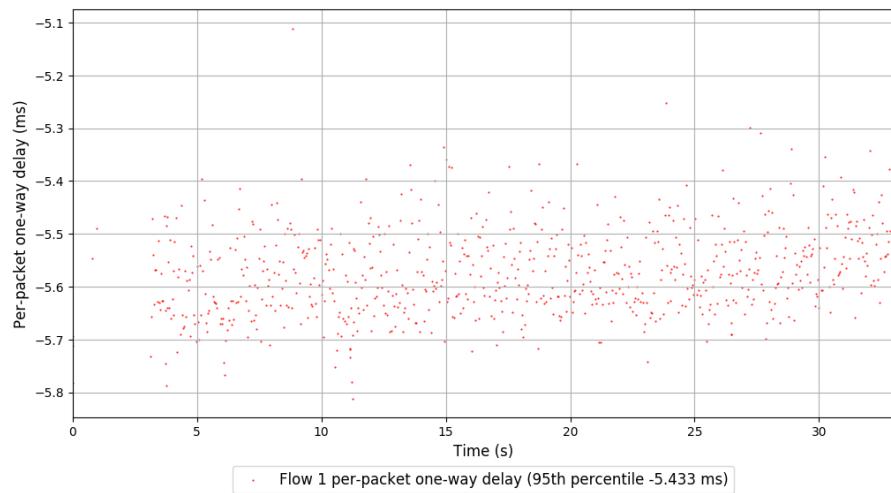
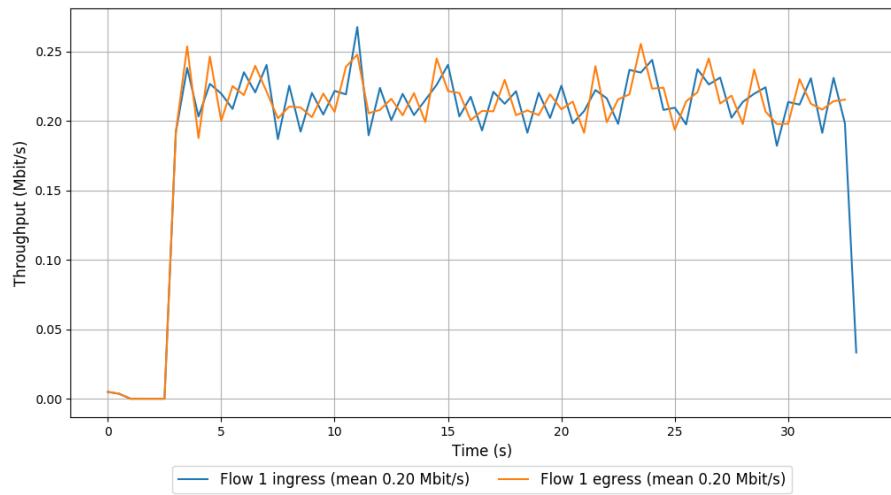


Run 2: Statistics of SCReAM

```
Start at: Fri, 16 Jun 2017 02:49:22 +0000
End at: Fri, 16 Jun 2017 02:49:52 +0000
Local clock offset: 3.5 ms
Remote clock offset: -3.413 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:02:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: -5.433 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: -5.433 ms
Loss rate: 0.13%
```

## Run 2: Report of SCReAM — Data Link

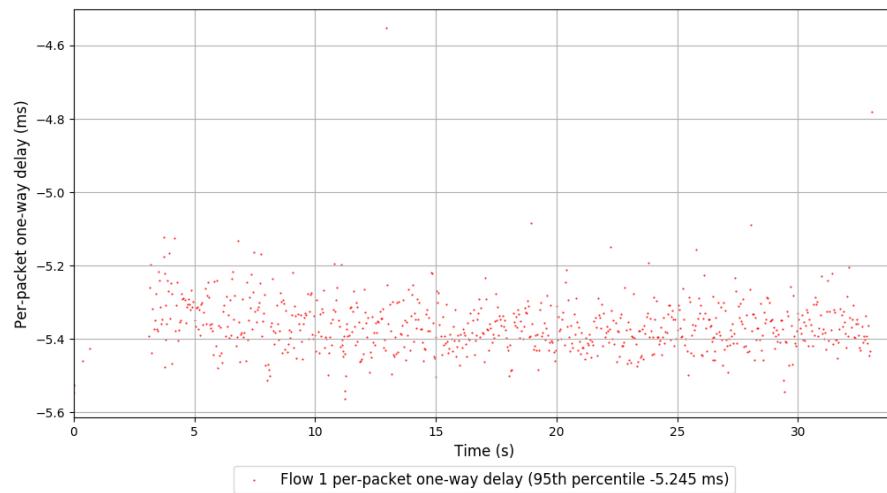
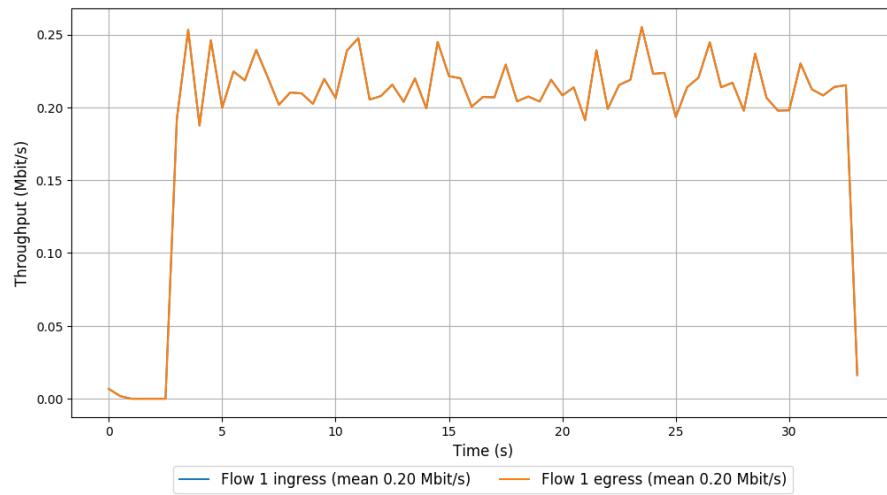


Run 3: Statistics of SCReAM

```
Start at: Fri, 16 Jun 2017 03:09:00 +0000
End at: Fri, 16 Jun 2017 03:09:30 +0000
Local clock offset: 3.123 ms
Remote clock offset: -3.491 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:02:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: -5.245 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: -5.245 ms
Loss rate: 0.00%
```

Run 3: Report of SCReAM — Data Link

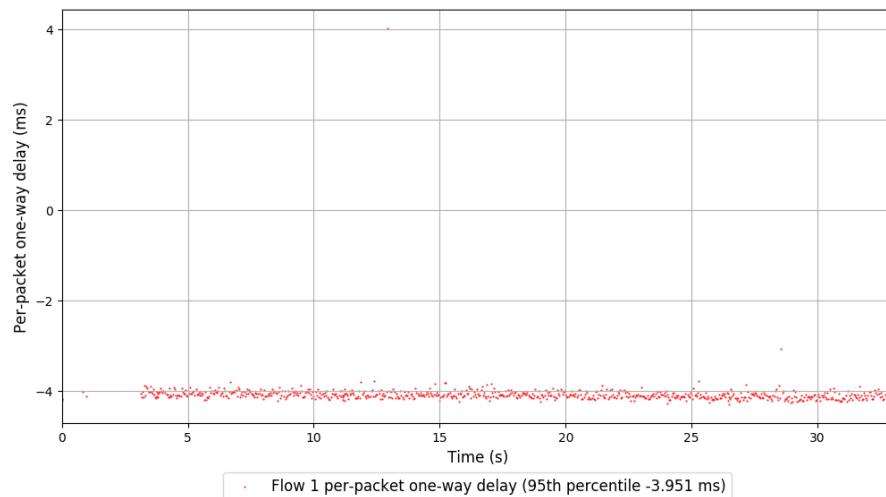
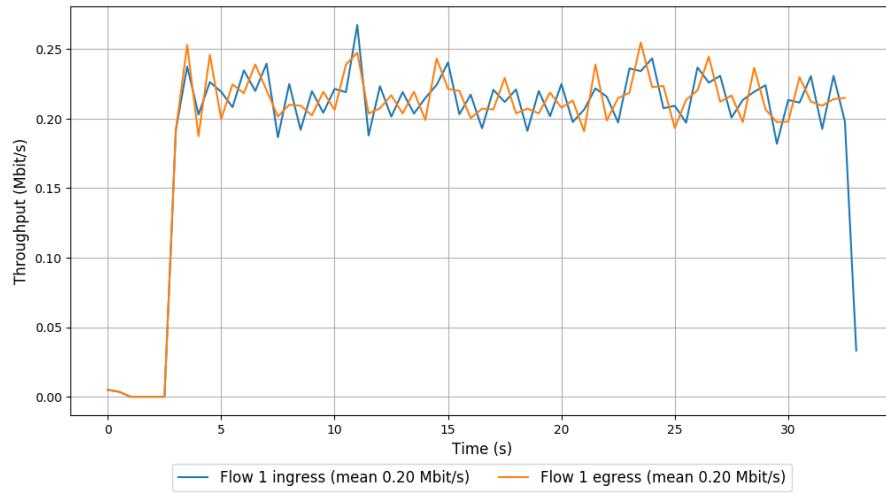


Run 4: Statistics of SCReAM

```
Start at: Fri, 16 Jun 2017 03:28:23 +0000
End at: Fri, 16 Jun 2017 03:28:53 +0000
Local clock offset: 1.881 ms
Remote clock offset: -3.274 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:02:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: -3.951 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: -3.951 ms
Loss rate: 0.13%
```

Run 4: Report of SCReAM — Data Link

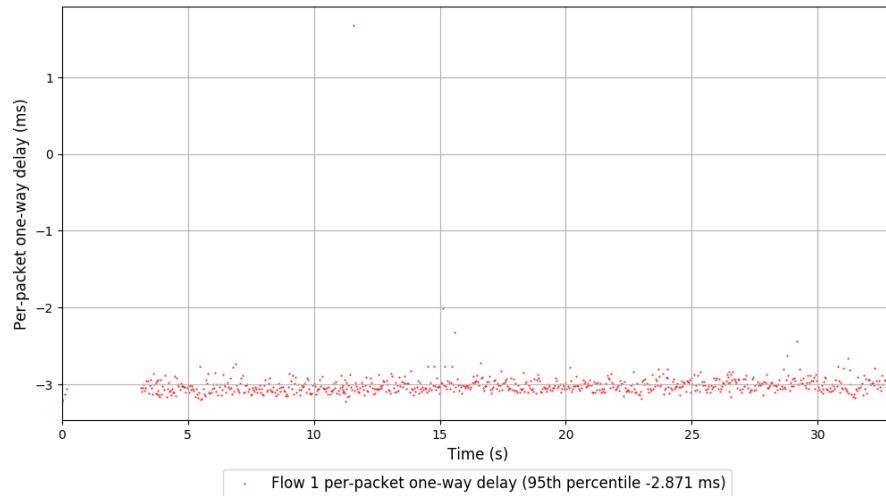
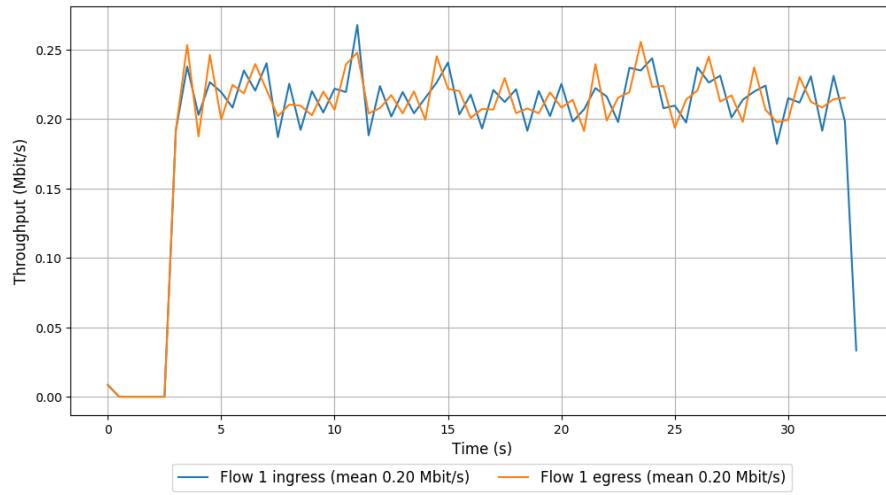


Run 5: Statistics of SCReAM

```
Start at: Fri, 16 Jun 2017 03:47:49 +0000
End at: Fri, 16 Jun 2017 03:48:19 +0000
Local clock offset: 1.317 ms
Remote clock offset: -2.971 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:02:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: -2.871 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: -2.871 ms
Loss rate: 0.13%
```

Run 5: Report of SCReAM — Data Link

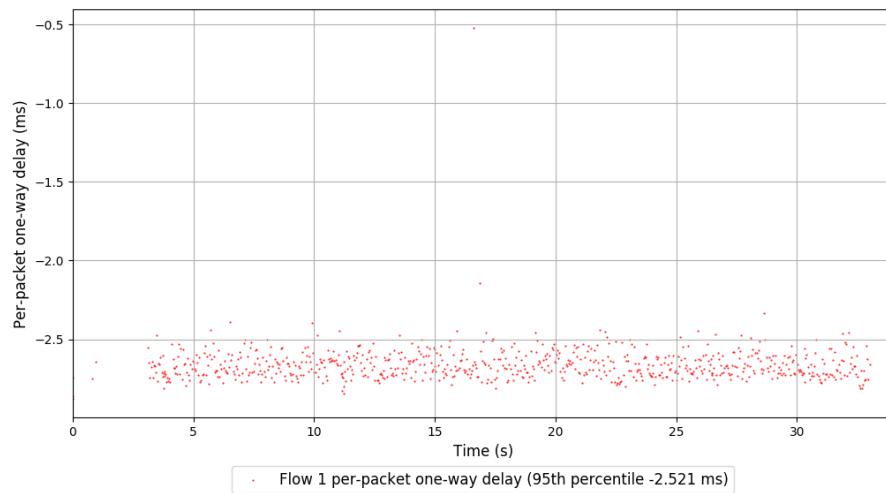
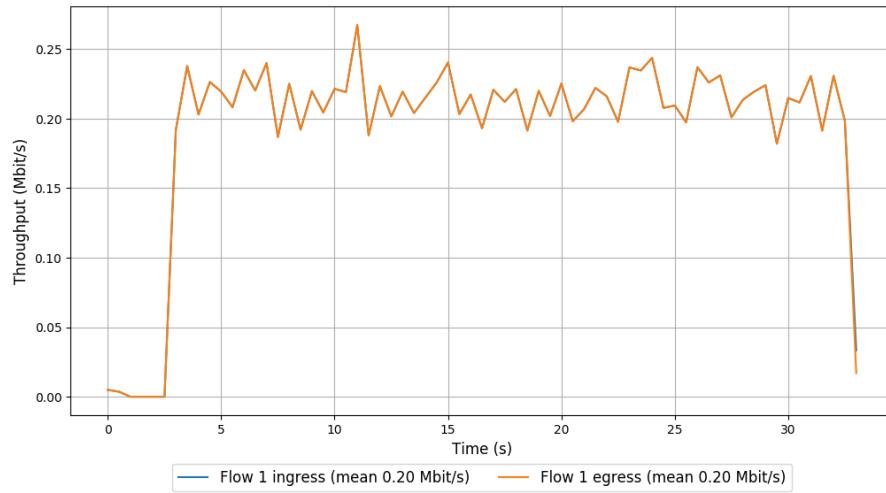


Run 6: Statistics of SCReAM

```
Start at: Fri, 16 Jun 2017 04:07:21 +0000
End at: Fri, 16 Jun 2017 04:07:51 +0000
Local clock offset: 0.702 ms
Remote clock offset: -3.154 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:02:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: -2.521 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: -2.521 ms
Loss rate: 0.13%
```

Run 6: Report of SCReAM — Data Link

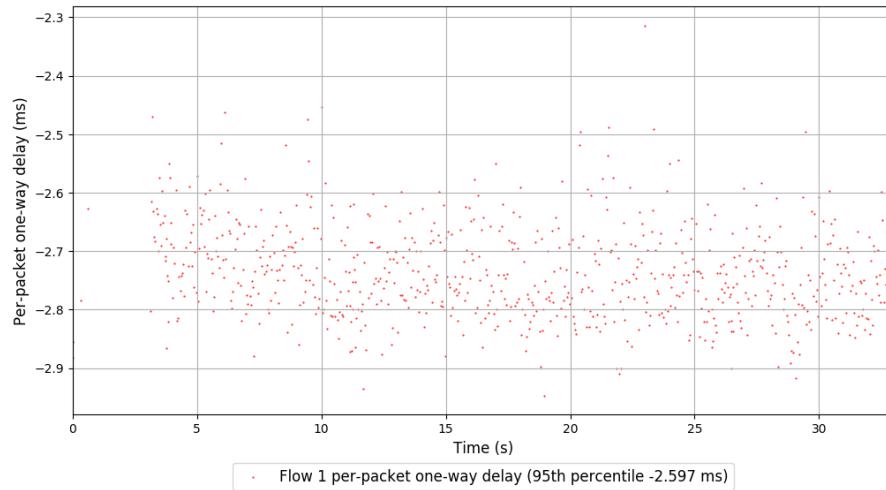
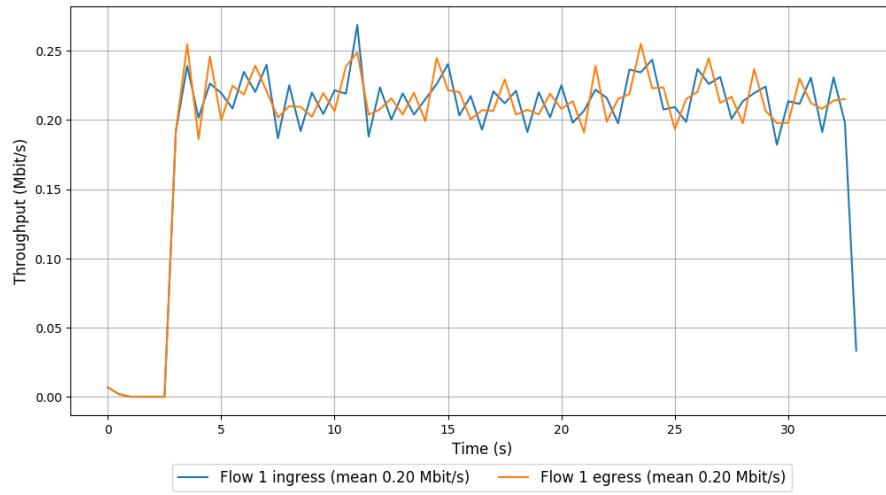


Run 7: Statistics of SCReAM

```
Start at: Fri, 16 Jun 2017 04:27:05 +0000
End at: Fri, 16 Jun 2017 04:27:35 +0000
Local clock offset: 0.908 ms
Remote clock offset: -3.001 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:02:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: -2.597 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: -2.597 ms
Loss rate: 0.13%
```

Run 7: Report of SCReAM — Data Link

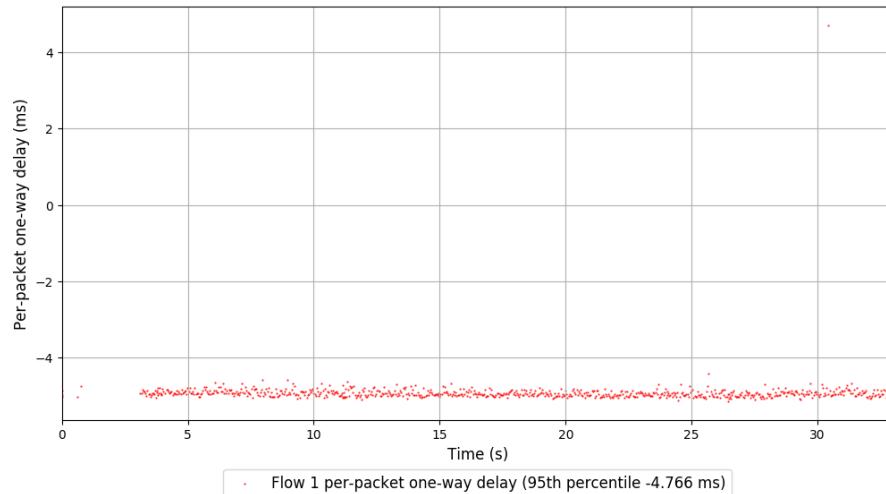
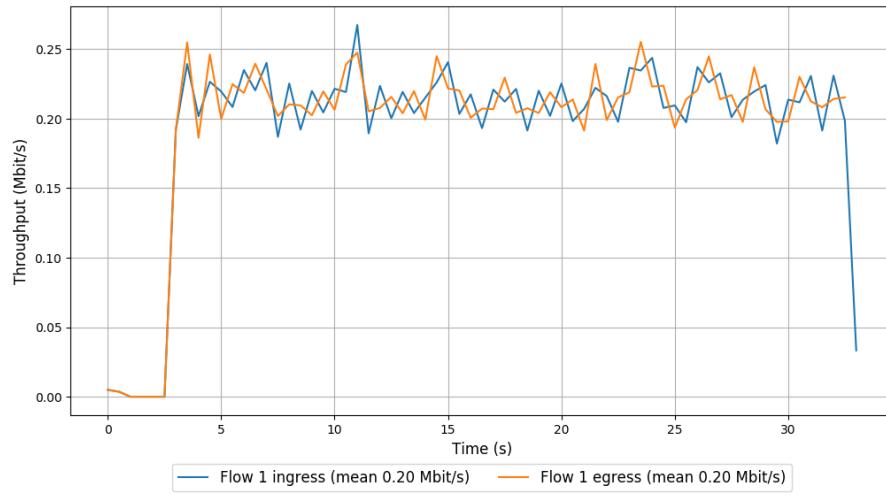


Run 8: Statistics of SCReAM

```
Start at: Fri, 16 Jun 2017 04:46:34 +0000
End at: Fri, 16 Jun 2017 04:47:04 +0000
Local clock offset: 3.046 ms
Remote clock offset: -3.072 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:02:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: -4.766 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: -4.766 ms
Loss rate: 0.13%
```

Run 8: Report of SCReAM — Data Link

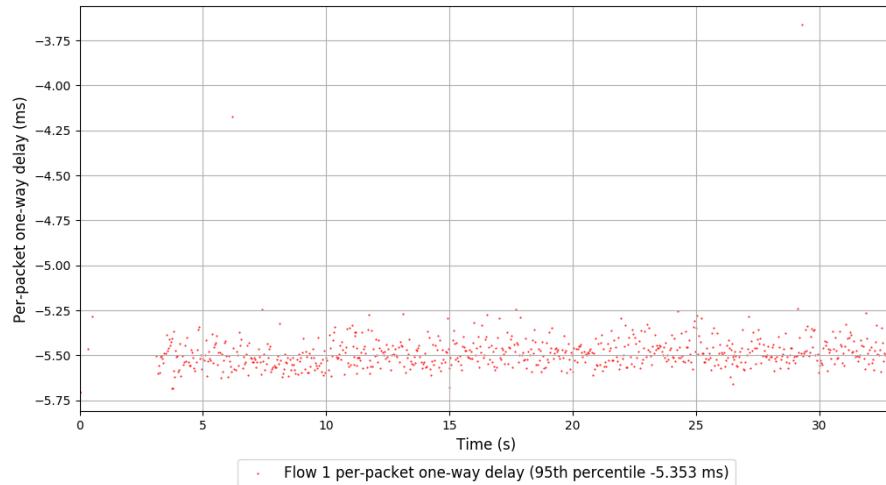
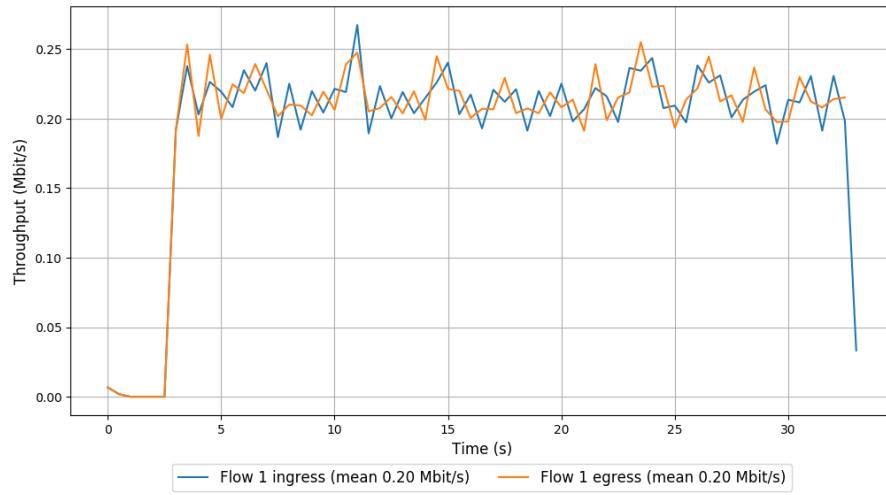


Run 9: Statistics of SCReAM

```
Start at: Fri, 16 Jun 2017 05:06:15 +0000
End at: Fri, 16 Jun 2017 05:06:45 +0000
Local clock offset: 4.095 ms
Remote clock offset: -2.624 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:02:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: -5.353 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: -5.353 ms
Loss rate: 0.13%
```

Run 9: Report of SCReAM — Data Link

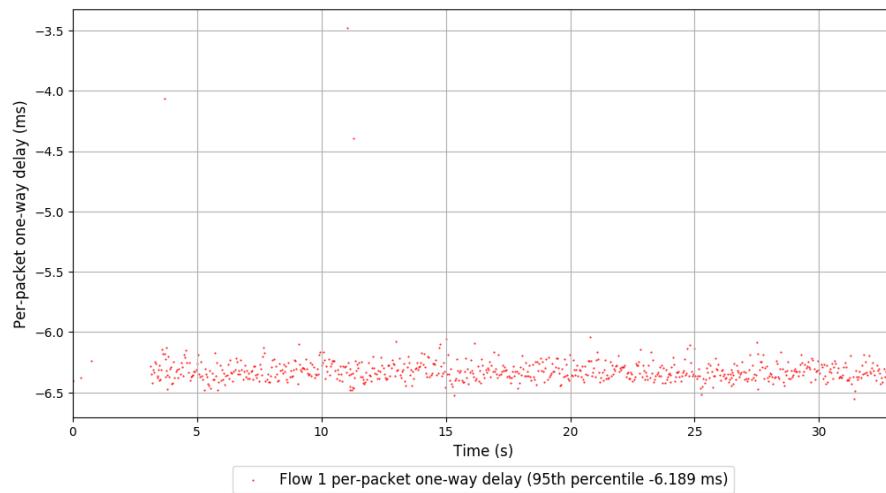
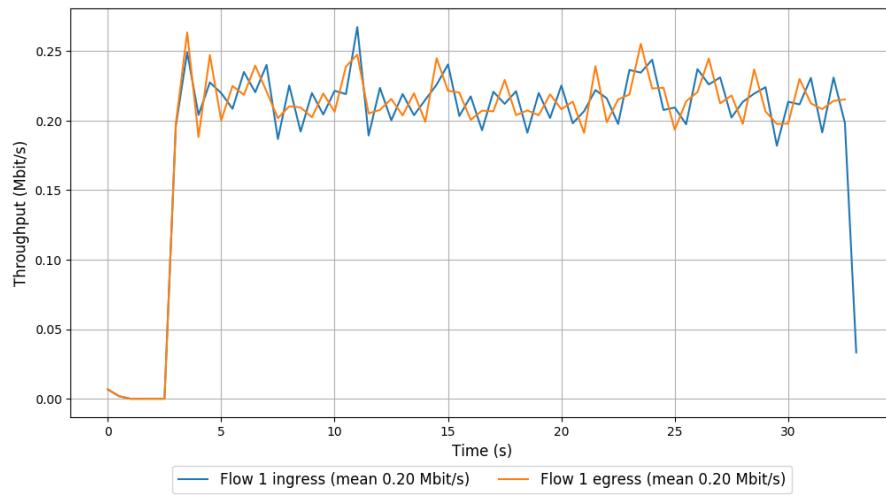


Run 10: Statistics of SCReAM

```
Start at: Fri, 16 Jun 2017 05:24:23 +0000
End at: Fri, 16 Jun 2017 05:24:53 +0000
Local clock offset: 5.27 ms
Remote clock offset: -2.361 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:02:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: -6.189 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: -6.189 ms
Loss rate: 0.13%
```

Run 10: Report of SCReAM — Data Link

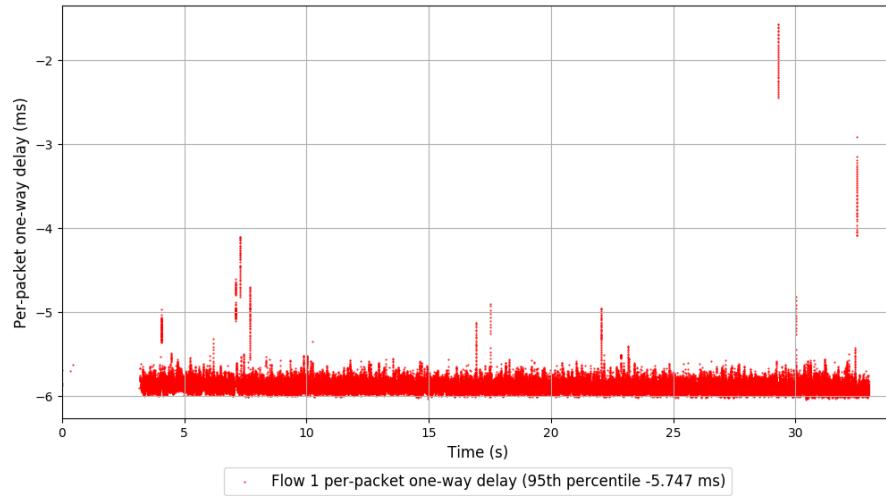
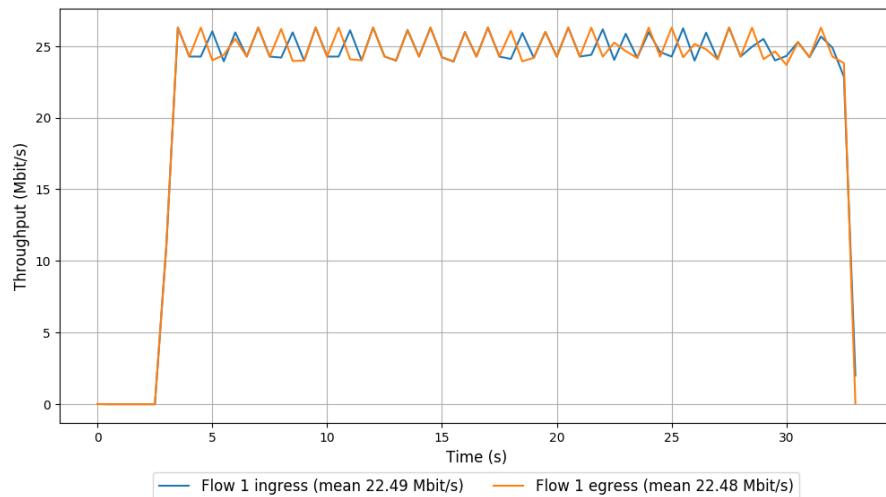


Run 1: Statistics of Sprout

```
Start at: Fri, 16 Jun 2017 02:40:05 +0000
End at: Fri, 16 Jun 2017 02:40:35 +0000
Local clock offset: 3.689 ms
Remote clock offset: -3.245 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:02:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.48 Mbit/s
95th percentile per-packet one-way delay: -5.747 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 22.48 Mbit/s
95th percentile per-packet one-way delay: -5.747 ms
Loss rate: 0.07%
```

Run 1: Report of Sprout — Data Link

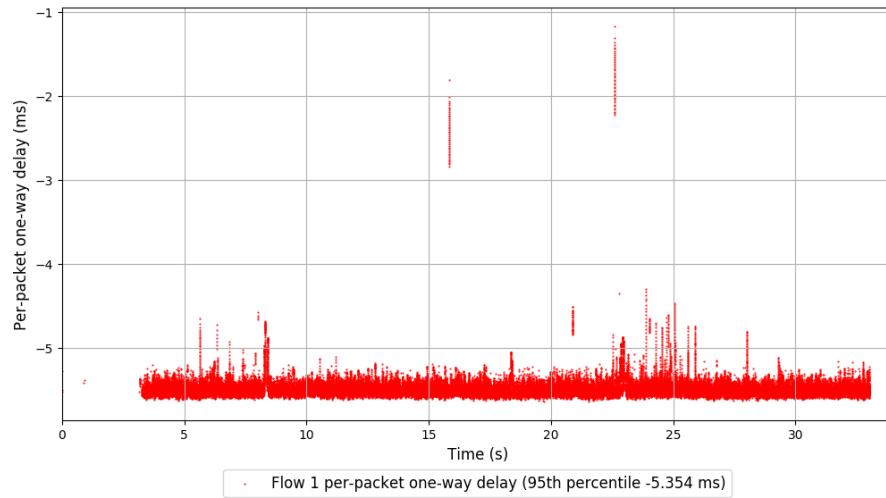
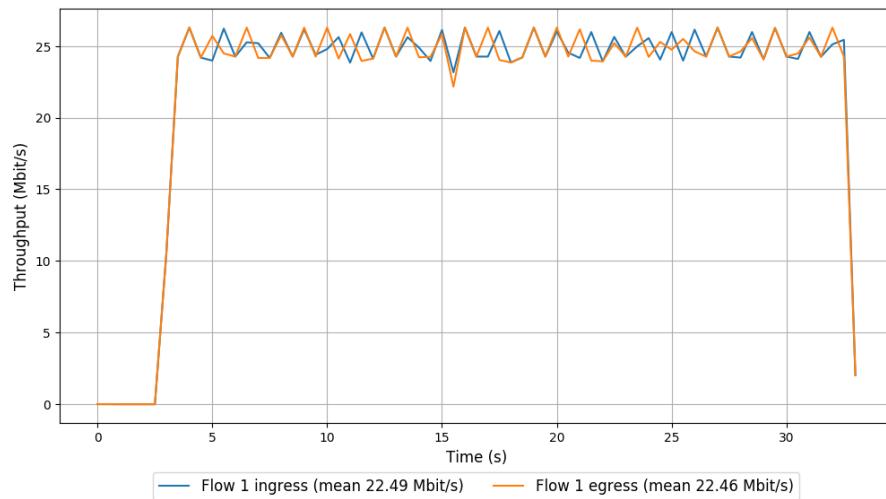


Run 2: Statistics of Sprout

```
Start at: Fri, 16 Jun 2017 02:59:40 +0000
End at: Fri, 16 Jun 2017 03:00:10 +0000
Local clock offset: 3.03 ms
Remote clock offset: -3.557 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:02:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.46 Mbit/s
95th percentile per-packet one-way delay: -5.354 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 22.46 Mbit/s
95th percentile per-packet one-way delay: -5.354 ms
Loss rate: 0.11%
```

## Run 2: Report of Sprout — Data Link

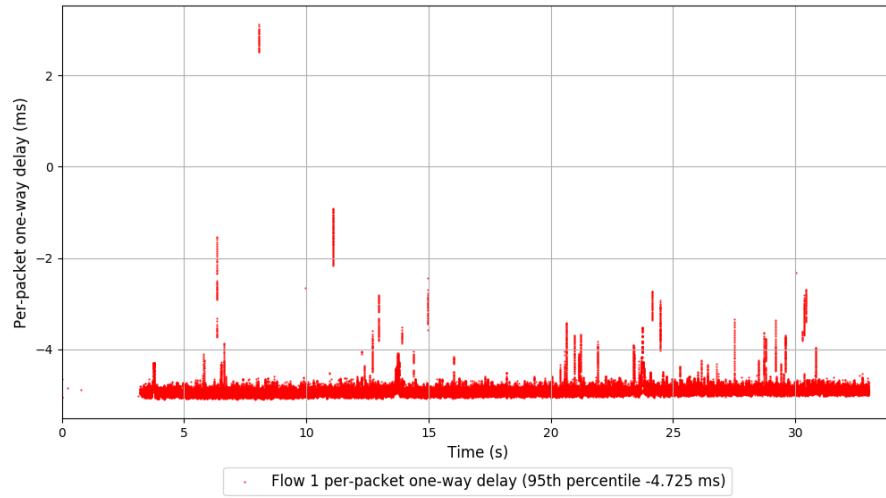
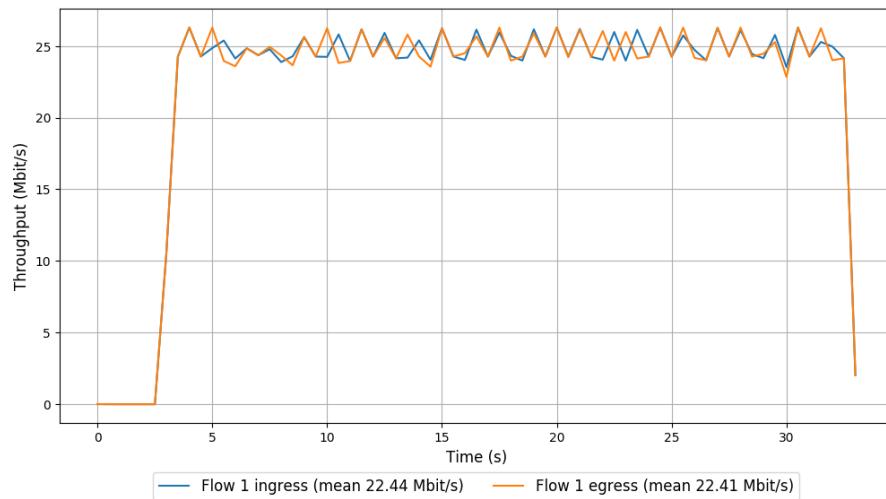


Run 3: Statistics of Sprout

```
Start at: Fri, 16 Jun 2017 03:19:05 +0000
End at: Fri, 16 Jun 2017 03:19:35 +0000
Local clock offset: 2.816 ms
Remote clock offset: -3.363 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:02:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.41 Mbit/s
95th percentile per-packet one-way delay: -4.725 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 22.41 Mbit/s
95th percentile per-packet one-way delay: -4.725 ms
Loss rate: 0.13%
```

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

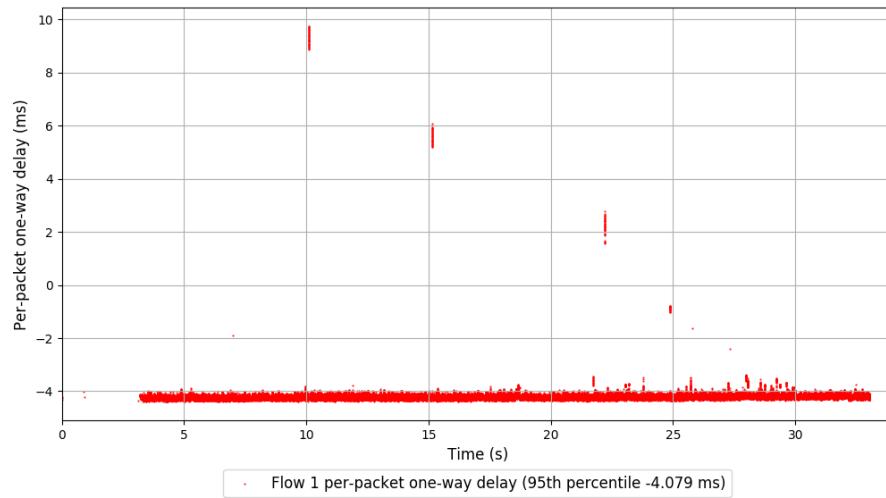
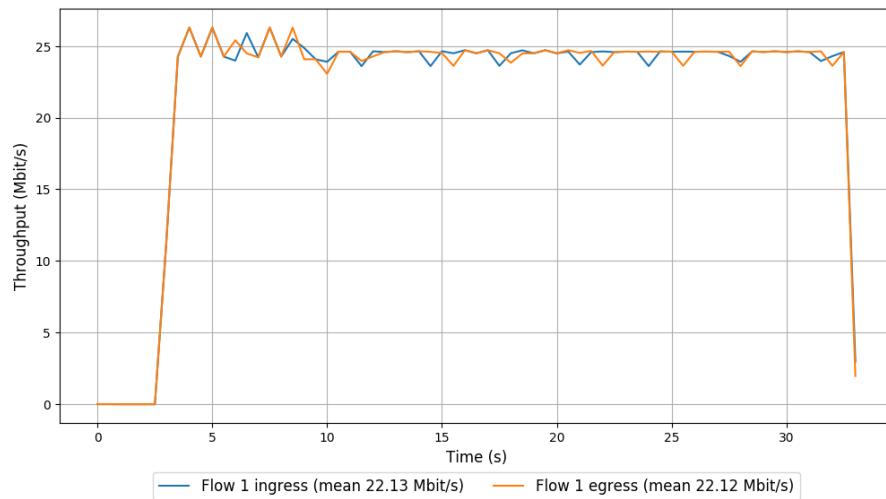


Run 4: Statistics of Sprout

```
Start at: Fri, 16 Jun 2017 03:38:35 +0000
End at: Fri, 16 Jun 2017 03:39:05 +0000
Local clock offset: 2.362 ms
Remote clock offset: -3.109 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:02:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.12 Mbit/s
95th percentile per-packet one-way delay: -4.079 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 22.12 Mbit/s
95th percentile per-packet one-way delay: -4.079 ms
Loss rate: 0.13%
```

## Run 4: Report of Sprout — Data Link

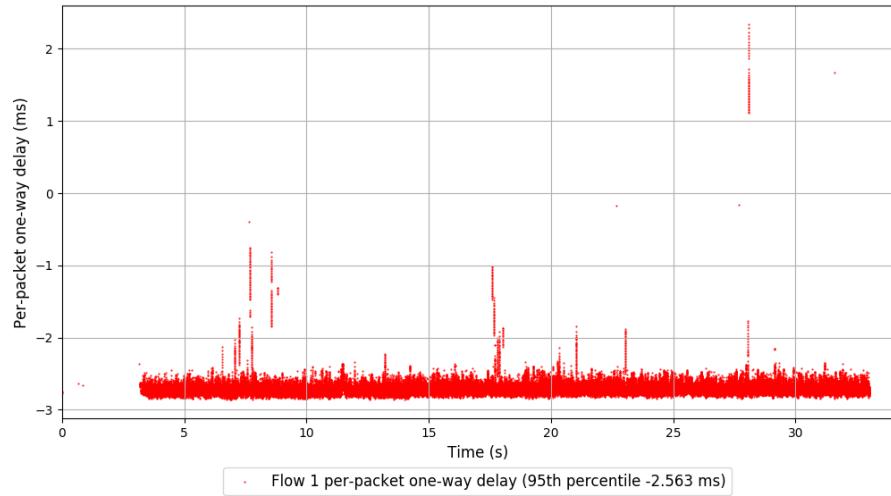
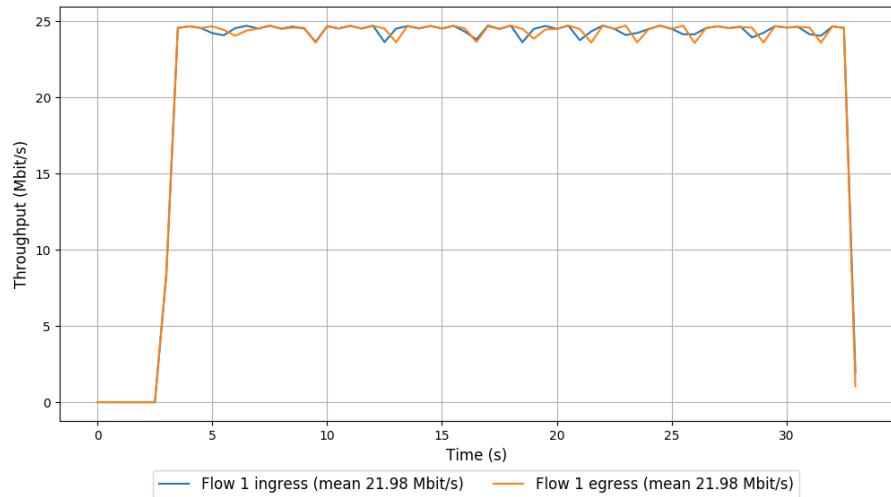


Run 5: Statistics of Sprout

```
Start at: Fri, 16 Jun 2017 03:58:01 +0000
End at: Fri, 16 Jun 2017 03:58:31 +0000
Local clock offset: 0.853 ms
Remote clock offset: -2.996 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:02:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 21.98 Mbit/s
95th percentile per-packet one-way delay: -2.563 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 21.98 Mbit/s
95th percentile per-packet one-way delay: -2.563 ms
Loss rate: 0.07%
```

## Run 5: Report of Sprout — Data Link

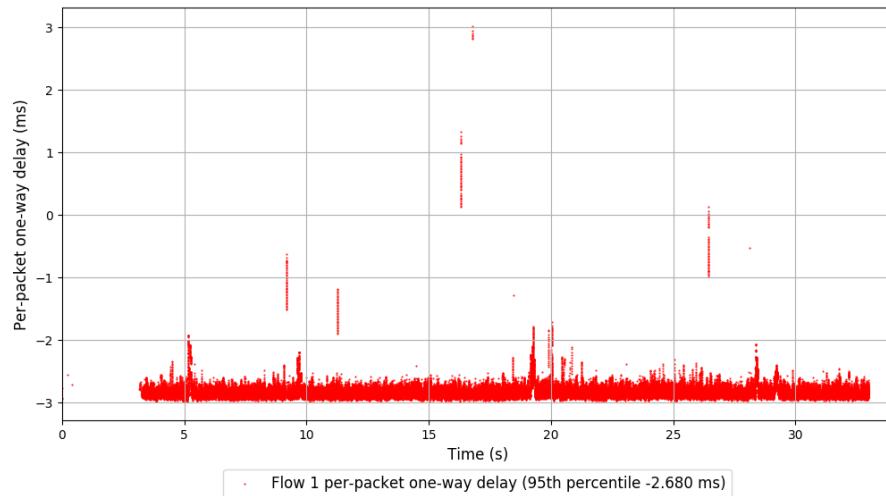
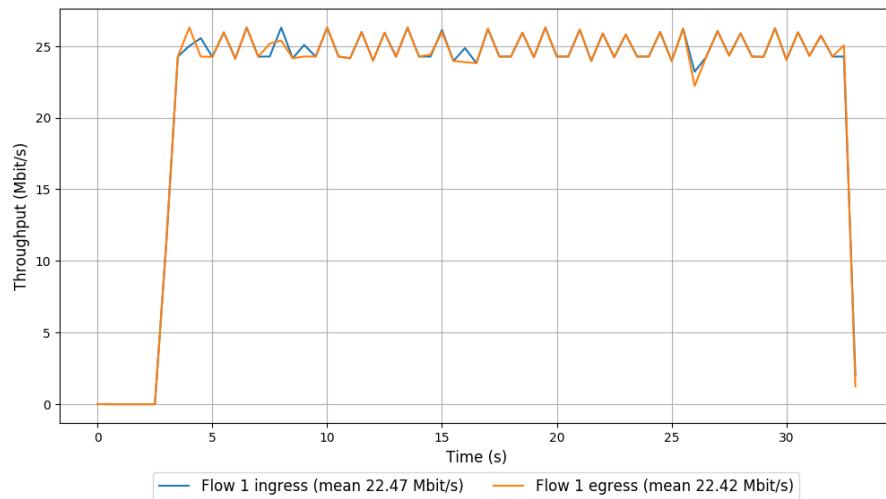


Run 6: Statistics of Sprout

```
Start at: Fri, 16 Jun 2017 04:17:44 +0000
End at: Fri, 16 Jun 2017 04:18:14 +0000
Local clock offset: 0.75 ms
Remote clock offset: -3.124 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:02:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.42 Mbit/s
95th percentile per-packet one-way delay: -2.680 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 22.42 Mbit/s
95th percentile per-packet one-way delay: -2.680 ms
Loss rate: 0.19%
```

## Run 6: Report of Sprout — Data Link

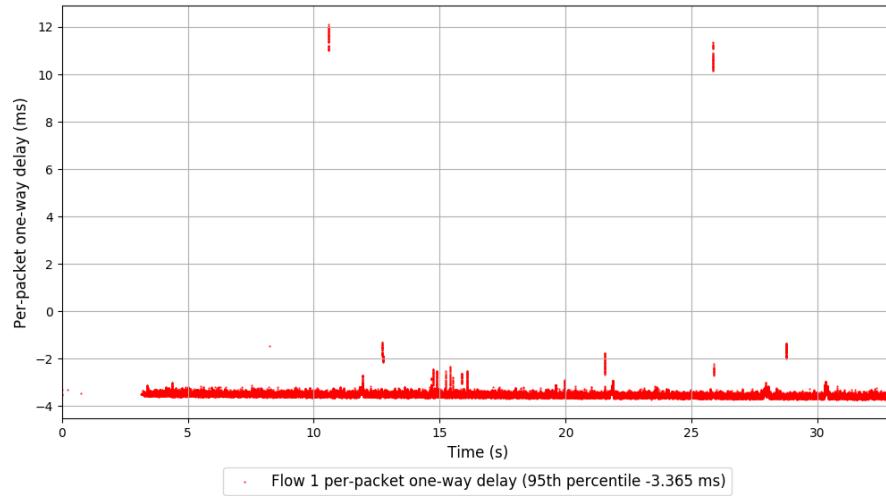
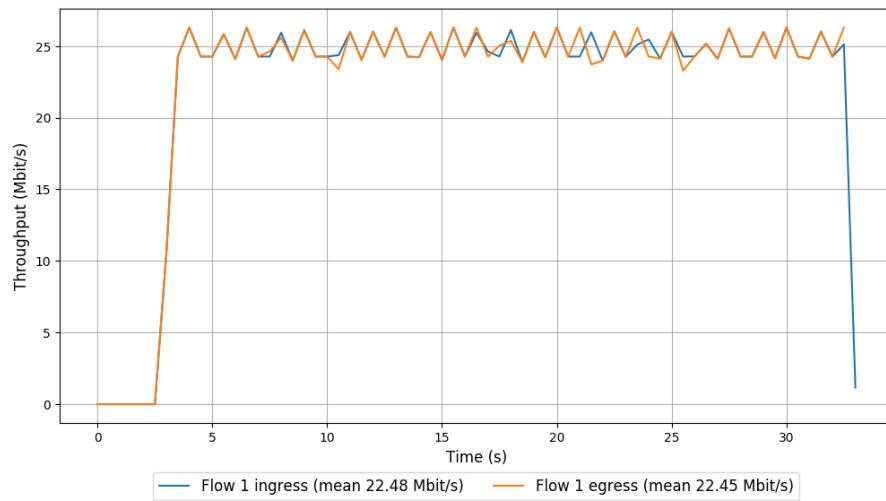


Run 7: Statistics of Sprout

```
Start at: Fri, 16 Jun 2017 04:37:12 +0000
End at: Fri, 16 Jun 2017 04:37:42 +0000
Local clock offset: 1.548 ms
Remote clock offset: -2.965 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:02:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.45 Mbit/s
95th percentile per-packet one-way delay: -3.365 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 22.45 Mbit/s
95th percentile per-packet one-way delay: -3.365 ms
Loss rate: 0.15%
```

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

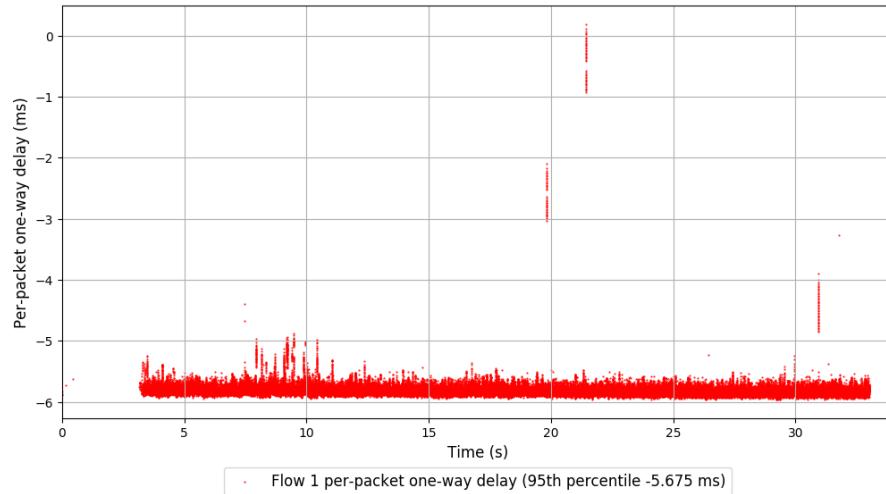
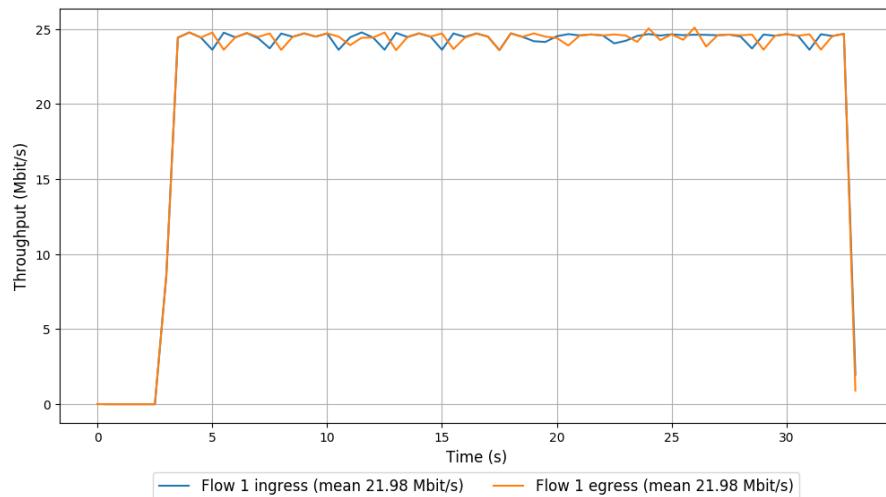


Run 8: Statistics of Sprout

```
Start at: Fri, 16 Jun 2017 04:56:55 +0000
End at: Fri, 16 Jun 2017 04:57:25 +0000
Local clock offset: 4.02 ms
Remote clock offset: -2.921 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:02:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 21.98 Mbit/s
95th percentile per-packet one-way delay: -5.675 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 21.98 Mbit/s
95th percentile per-packet one-way delay: -5.675 ms
Loss rate: 0.07%
```

## Run 8: Report of Sprout — Data Link

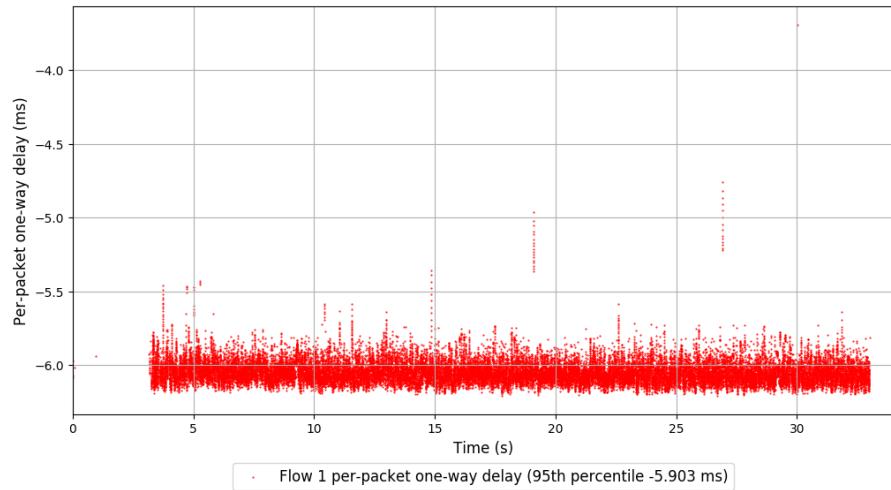
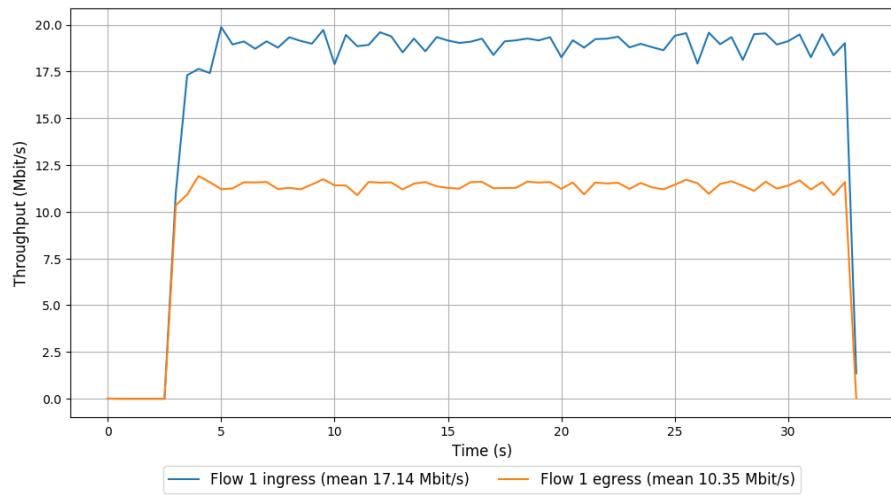


Run 9: Statistics of Sprout

```
Start at: Fri, 16 Jun 2017 05:15:59 +0000
End at: Fri, 16 Jun 2017 05:16:29 +0000
Local clock offset: 4.711 ms
Remote clock offset: -2.423 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:02:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.35 Mbit/s
95th percentile per-packet one-way delay: -5.903 ms
Loss rate: 39.60%
-- Flow 1:
Average throughput: 10.35 Mbit/s
95th percentile per-packet one-way delay: -5.903 ms
Loss rate: 39.60%
```

Run 9: Report of Sprout — Data Link

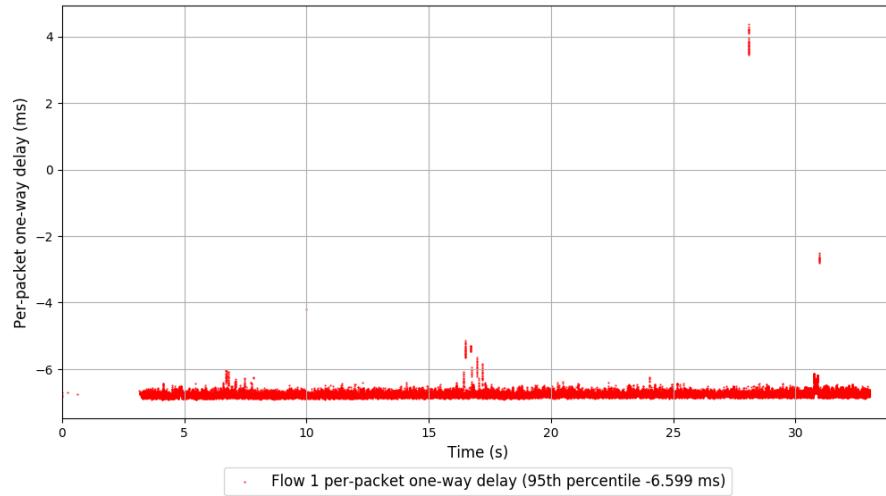
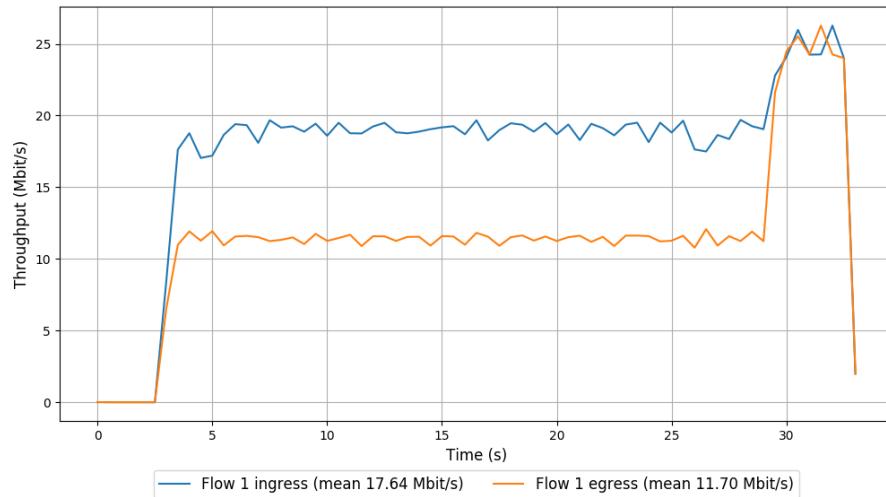


Run 10: Statistics of Sprout

```
Start at: Fri, 16 Jun 2017 05:33:58 +0000
End at: Fri, 16 Jun 2017 05:34:28 +0000
Local clock offset: 5.706 ms
Remote clock offset: -2.136 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:02:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.70 Mbit/s
95th percentile per-packet one-way delay: -6.599 ms
Loss rate: 33.67%
-- Flow 1:
Average throughput: 11.70 Mbit/s
95th percentile per-packet one-way delay: -6.599 ms
Loss rate: 33.67%
```

## Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: Fri, 16 Jun 2017 02:33:26 +0000

End at: Fri, 16 Jun 2017 02:33:56 +0000

Local clock offset: 3.441 ms

Remote clock offset: -3.407 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:03:51 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 223.10 Mbit/s

95th percentile per-packet one-way delay: -5.354 ms

Loss rate: 0.64%

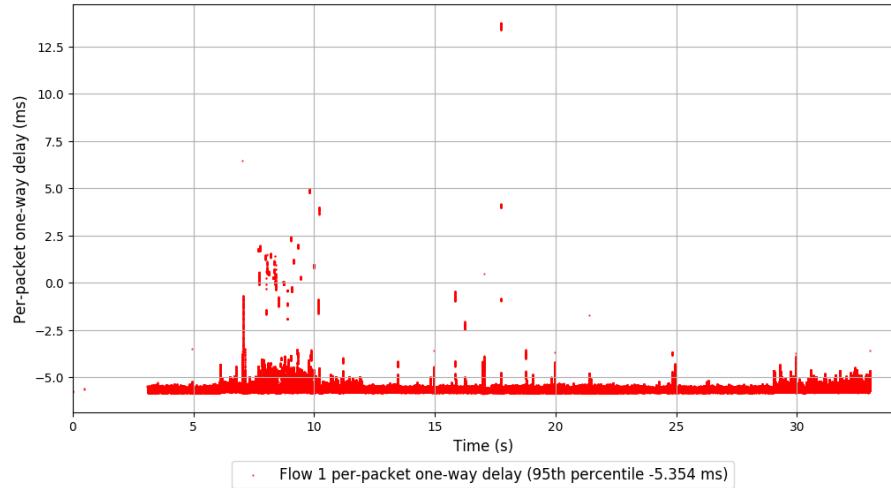
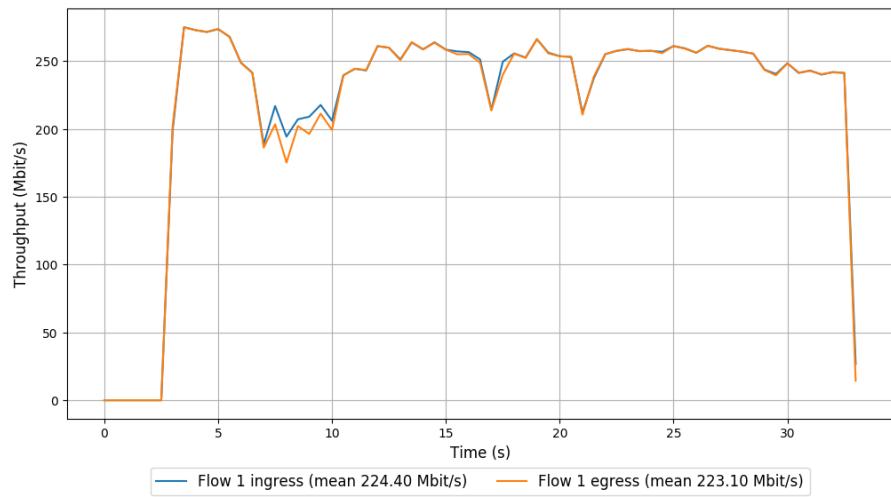
-- Flow 1:

Average throughput: 223.10 Mbit/s

95th percentile per-packet one-way delay: -5.354 ms

Loss rate: 0.64%

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

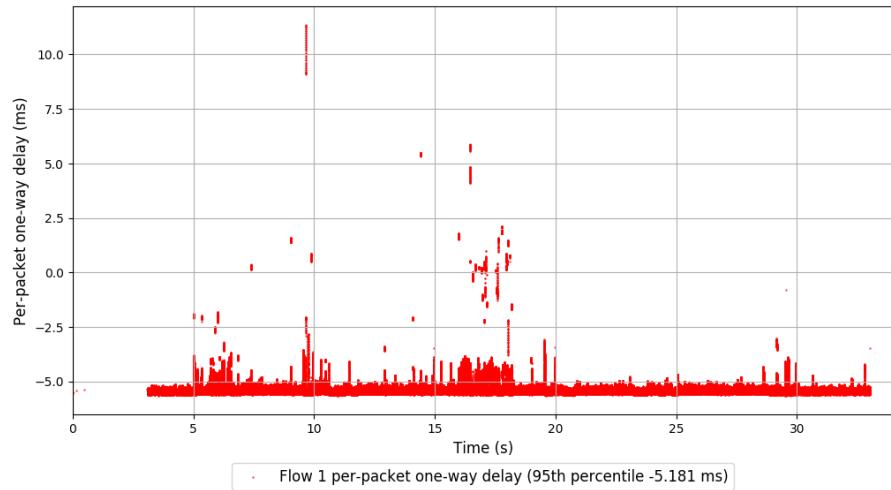
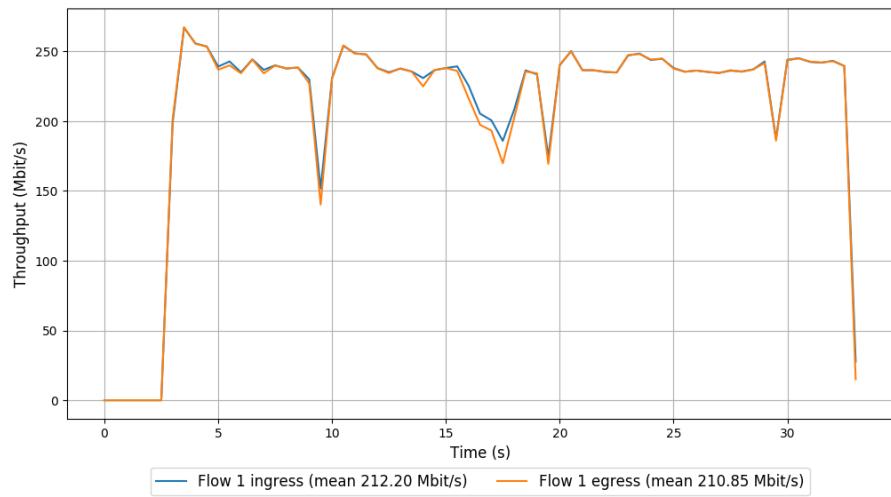


Run 2: Statistics of TaoVA-100x

```
Start at: Fri, 16 Jun 2017 02:53:04 +0000
End at: Fri, 16 Jun 2017 02:53:34 +0000
Local clock offset: 3.226 ms
Remote clock offset: -3.379 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:03:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 210.85 Mbit/s
95th percentile per-packet one-way delay: -5.181 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 210.85 Mbit/s
95th percentile per-packet one-way delay: -5.181 ms
Loss rate: 0.69%
```

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



Run 3: Statistics of TaoVA-100x

Start at: Fri, 16 Jun 2017 03:12:41 +0000

End at: Fri, 16 Jun 2017 03:13:11 +0000

Local clock offset: 3.046 ms

Remote clock offset: -3.467 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:04:49 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 216.89 Mbit/s

95th percentile per-packet one-way delay: -4.556 ms

Loss rate: 0.66%

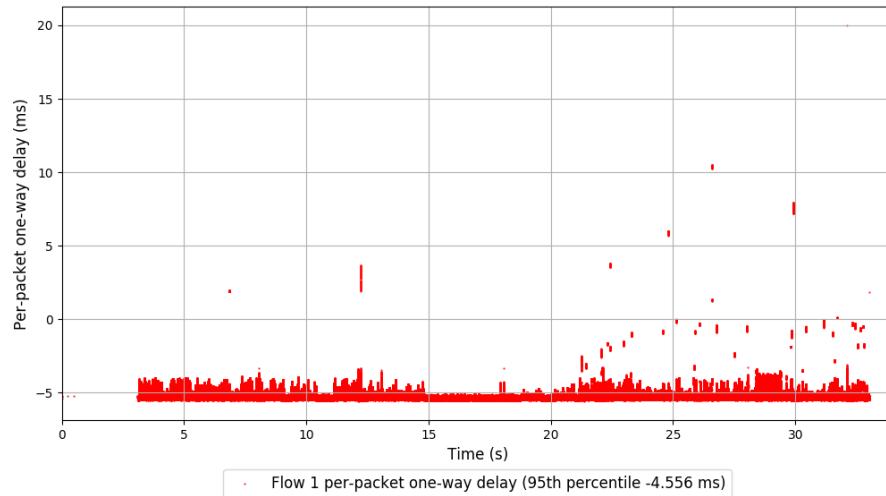
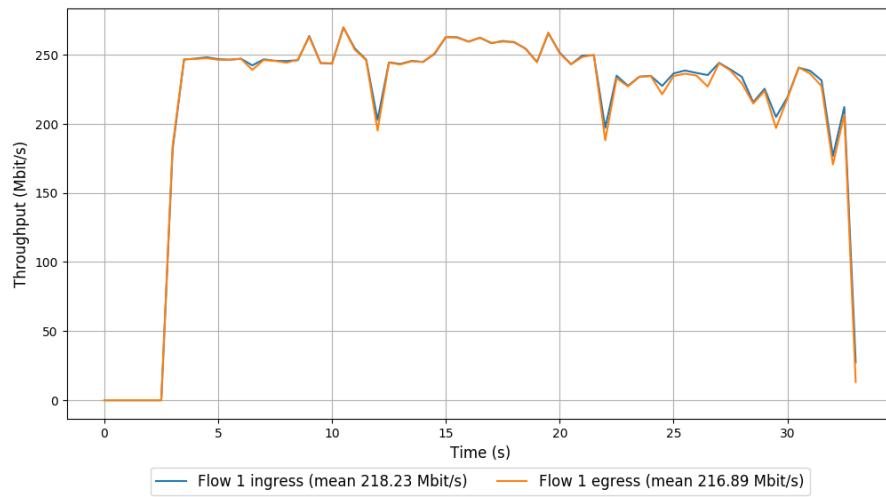
-- Flow 1:

Average throughput: 216.89 Mbit/s

95th percentile per-packet one-way delay: -4.556 ms

Loss rate: 0.66%

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

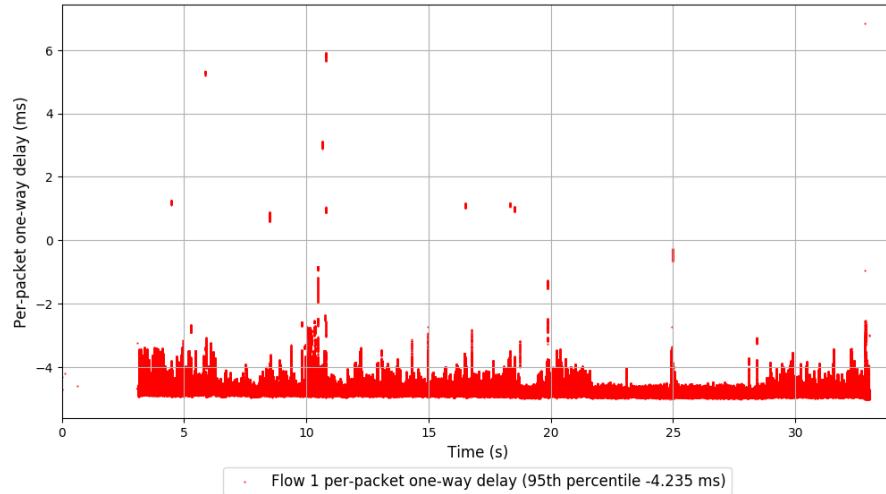
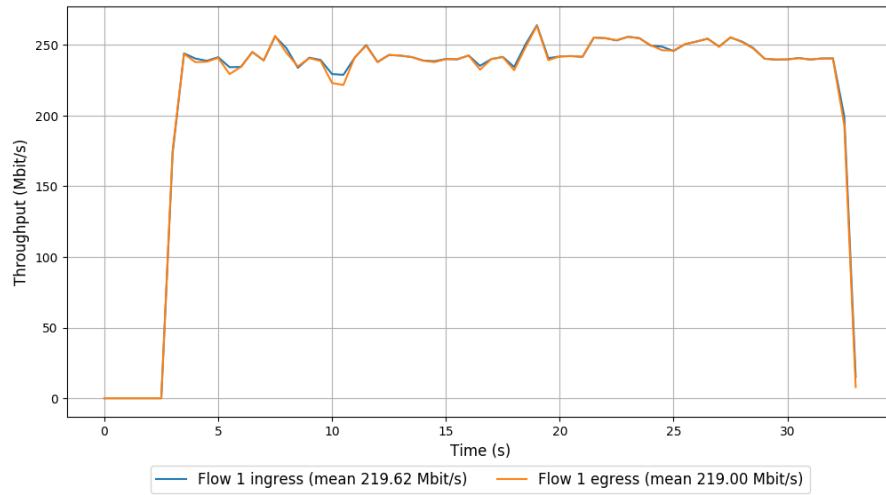


Run 4: Statistics of TaoVA-100x

```
Start at: Fri, 16 Jun 2017 03:32:03 +0000
End at: Fri, 16 Jun 2017 03:32:33 +0000
Local clock offset: 2.636 ms
Remote clock offset: -3.278 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:04:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 219.00 Mbit/s
95th percentile per-packet one-way delay: -4.235 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 219.00 Mbit/s
95th percentile per-packet one-way delay: -4.235 ms
Loss rate: 0.34%
```

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

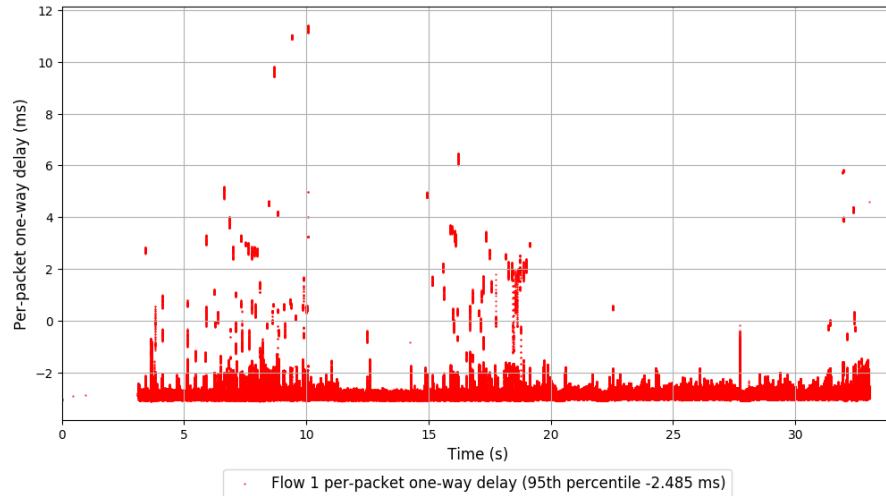
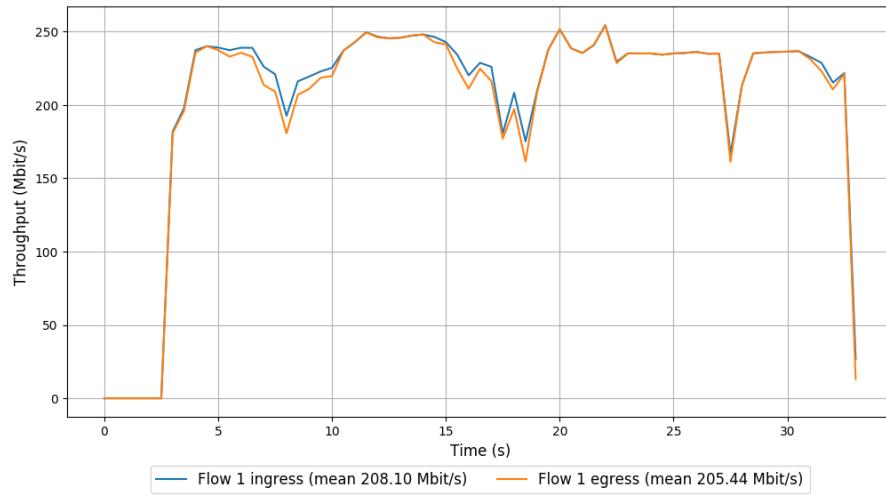


Run 5: Statistics of TaoVA-100x

```
Start at: Fri, 16 Jun 2017 03:51:31 +0000
End at: Fri, 16 Jun 2017 03:52:01 +0000
Local clock offset: 1.064 ms
Remote clock offset: -2.999 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:05:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 205.44 Mbit/s
95th percentile per-packet one-way delay: -2.485 ms
Loss rate: 1.33%
-- Flow 1:
Average throughput: 205.44 Mbit/s
95th percentile per-packet one-way delay: -2.485 ms
Loss rate: 1.33%
```

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

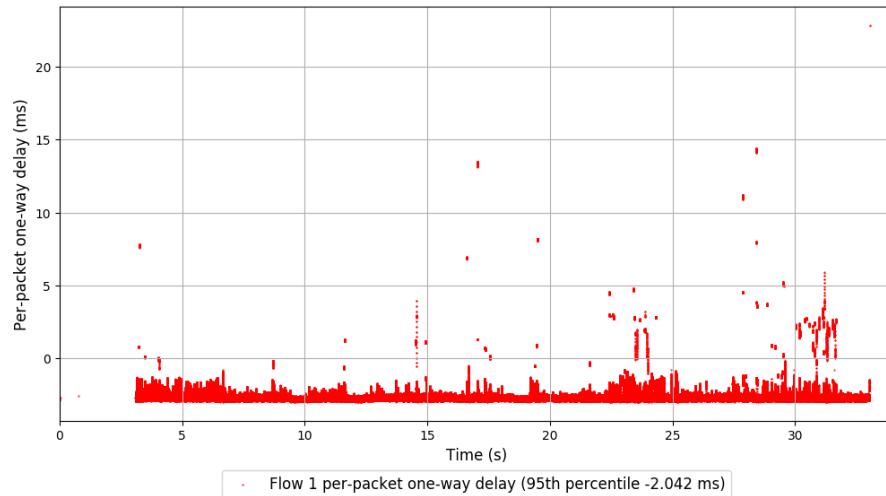
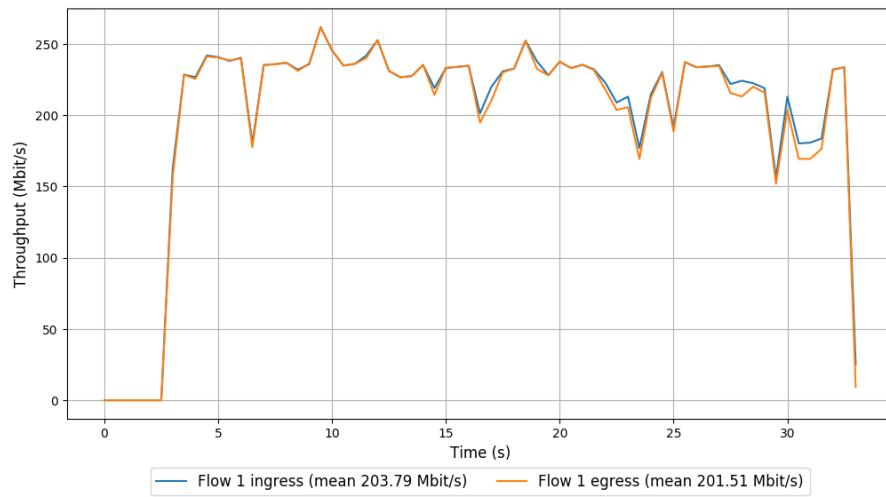


Run 6: Statistics of TaoVA-100x

```
Start at: Fri, 16 Jun 2017 04:11:02 +0000
End at: Fri, 16 Jun 2017 04:11:32 +0000
Local clock offset: 0.812 ms
Remote clock offset: -3.156 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:05:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 201.51 Mbit/s
95th percentile per-packet one-way delay: -2.042 ms
Loss rate: 1.14%
-- Flow 1:
Average throughput: 201.51 Mbit/s
95th percentile per-packet one-way delay: -2.042 ms
Loss rate: 1.14%
```

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



Run 7: Statistics of TaoVA-100x

Start at: Fri, 16 Jun 2017 04:30:45 +0000

End at: Fri, 16 Jun 2017 04:31:15 +0000

Local clock offset: 0.931 ms

Remote clock offset: -3.028 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:06:38 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 197.72 Mbit/s

95th percentile per-packet one-way delay: -1.881 ms

Loss rate: 2.05%

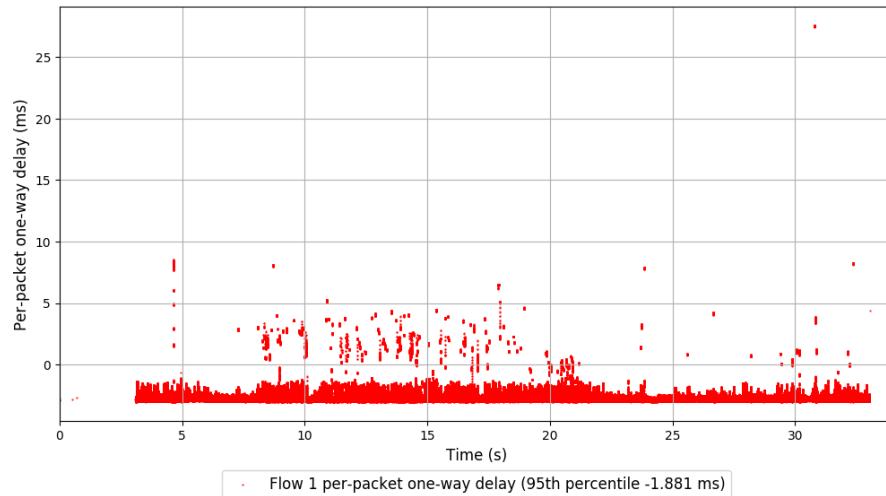
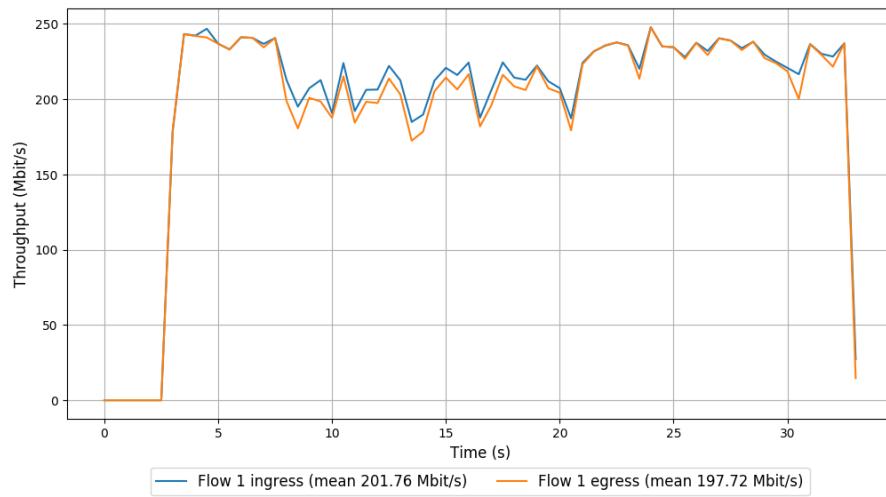
-- Flow 1:

Average throughput: 197.72 Mbit/s

95th percentile per-packet one-way delay: -1.881 ms

Loss rate: 2.05%

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

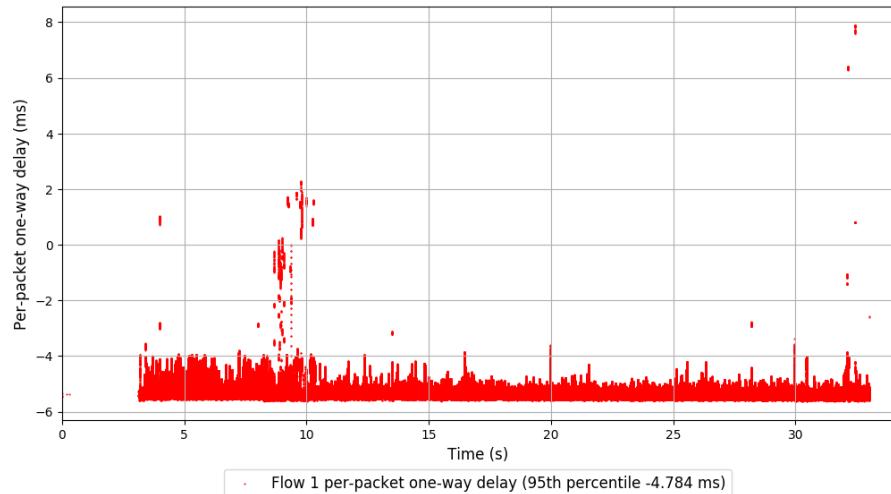
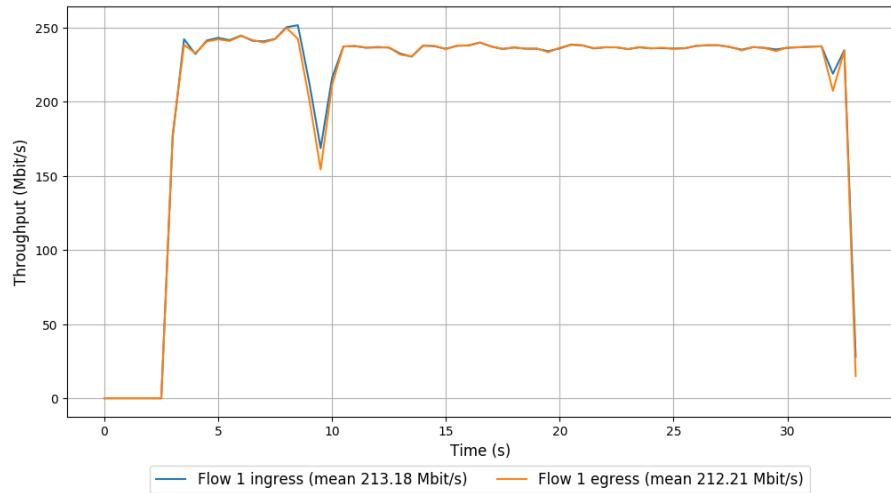


Run 8: Statistics of TaoVA-100x

```
Start at: Fri, 16 Jun 2017 04:50:15 +0000
End at: Fri, 16 Jun 2017 04:50:45 +0000
Local clock offset: 3.36 ms
Remote clock offset: -3.058 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:06:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 212.21 Mbit/s
95th percentile per-packet one-way delay: -4.784 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 212.21 Mbit/s
95th percentile per-packet one-way delay: -4.784 ms
Loss rate: 0.51%
```

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

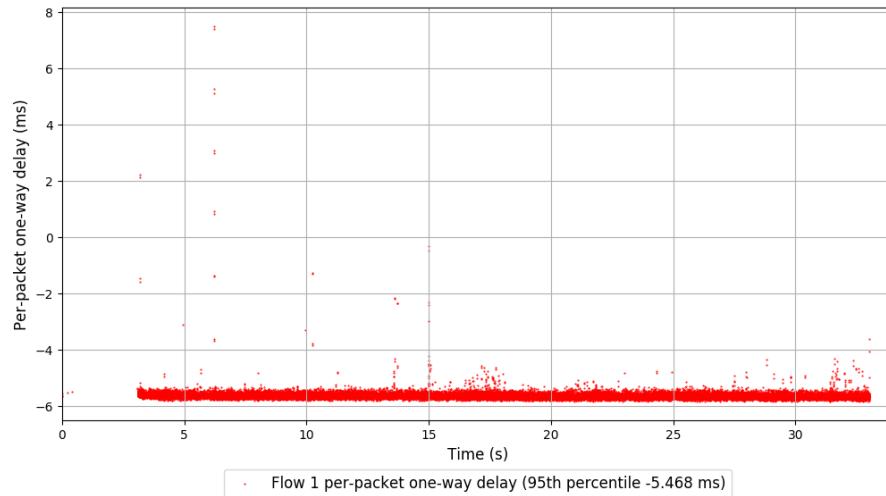
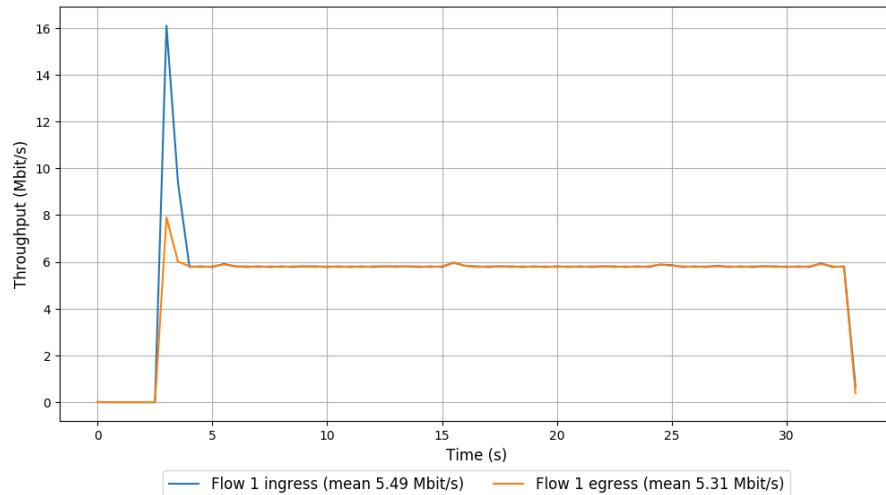


Run 9: Statistics of TaoVA-100x

```
Start at: Fri, 16 Jun 2017 05:09:48 +0000
End at: Fri, 16 Jun 2017 05:10:18 +0000
Local clock offset: 4.096 ms
Remote clock offset: -2.574 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:06:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.31 Mbit/s
95th percentile per-packet one-way delay: -5.468 ms
Loss rate: 3.27%
-- Flow 1:
Average throughput: 5.31 Mbit/s
95th percentile per-packet one-way delay: -5.468 ms
Loss rate: 3.27%
```

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

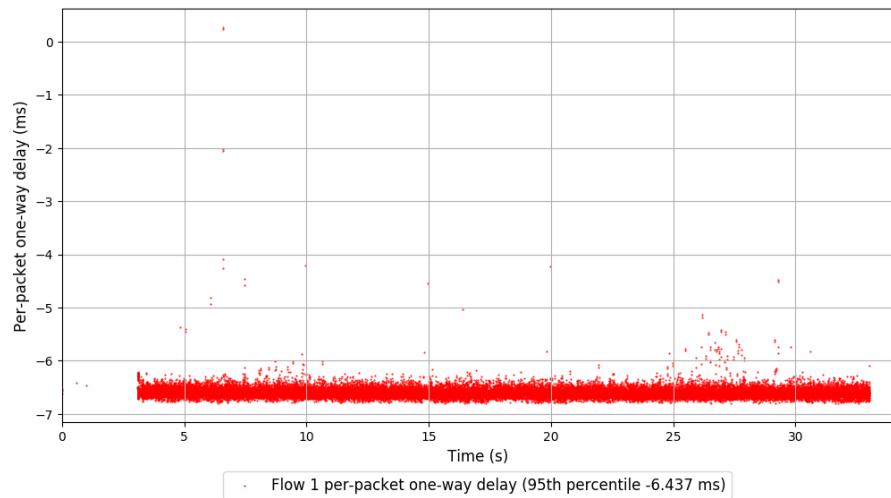
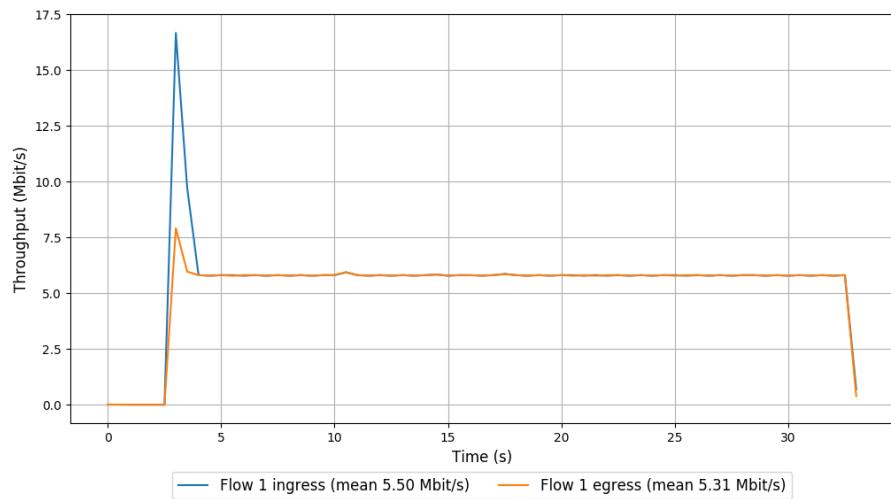


Run 10: Statistics of TaoVA-100x

```
Start at: Fri, 16 Jun 2017 05:27:55 +0000
End at: Fri, 16 Jun 2017 05:28:25 +0000
Local clock offset: 5.475 ms
Remote clock offset: -2.315 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:06:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.31 Mbit/s
95th percentile per-packet one-way delay: -6.437 ms
Loss rate: 3.53%
-- Flow 1:
Average throughput: 5.31 Mbit/s
95th percentile per-packet one-way delay: -6.437 ms
Loss rate: 3.53%
```

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

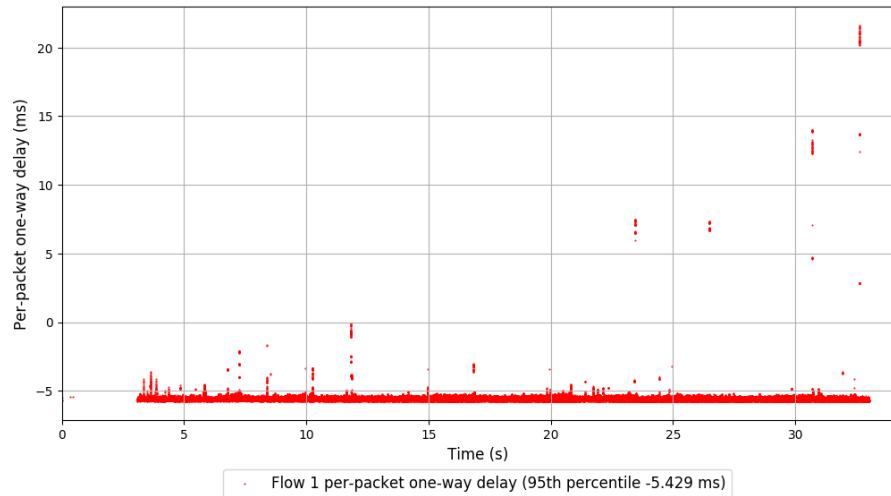
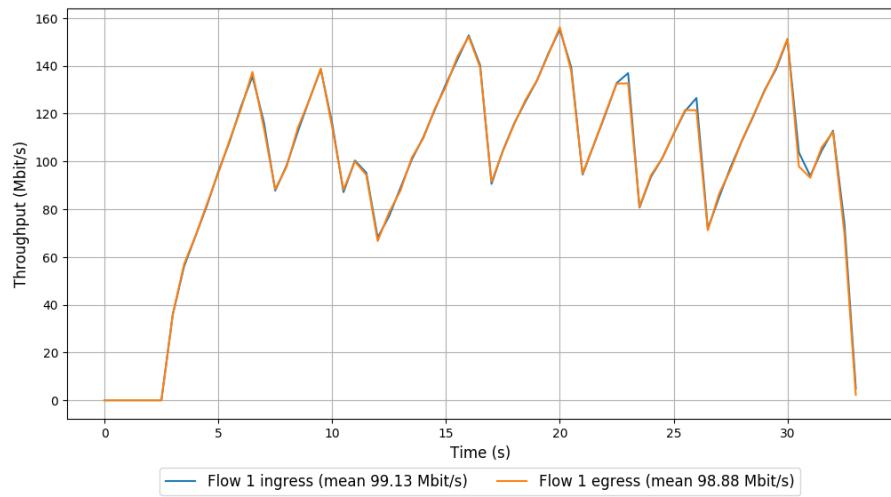


Run 1: Statistics of TCP Vegas

```
Start at: Fri, 16 Jun 2017 02:32:11 +0000
End at: Fri, 16 Jun 2017 02:32:41 +0000
Local clock offset: 3.371 ms
Remote clock offset: -3.448 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:06:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 98.88 Mbit/s
95th percentile per-packet one-way delay: -5.429 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 98.88 Mbit/s
95th percentile per-packet one-way delay: -5.429 ms
Loss rate: 0.32%
```

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

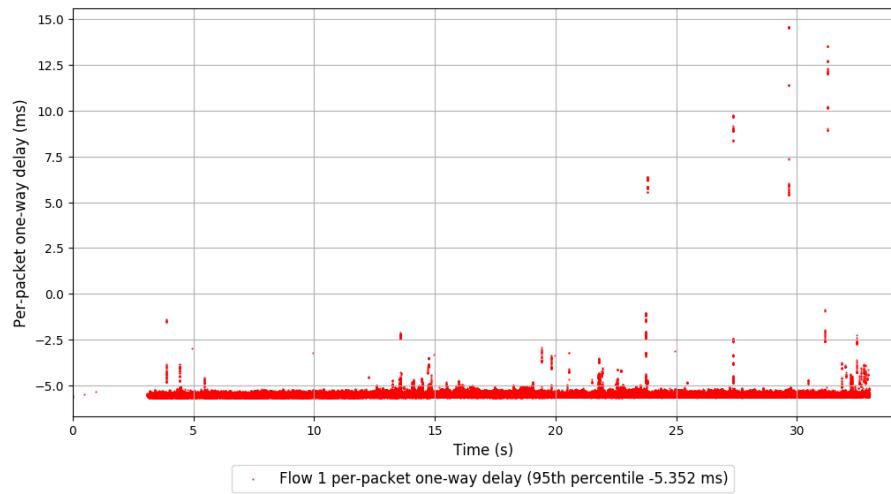
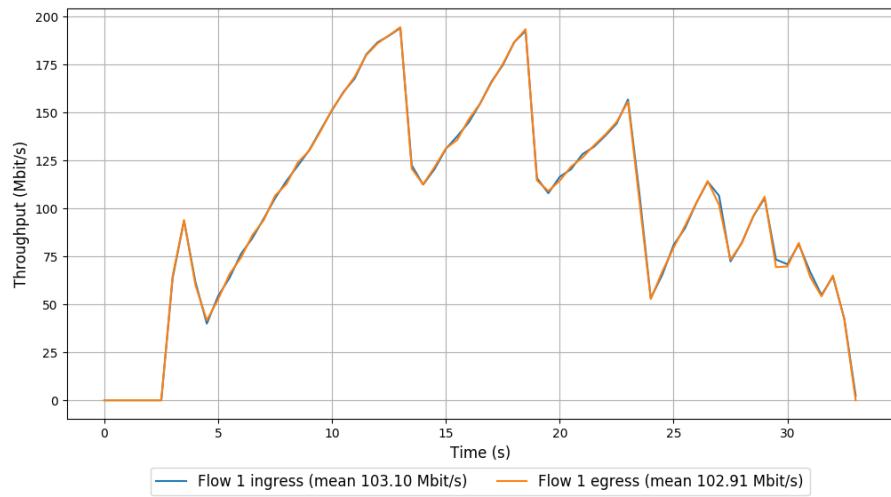


Run 2: Statistics of TCP Vegas

```
Start at: Fri, 16 Jun 2017 02:51:49 +0000
End at: Fri, 16 Jun 2017 02:52:19 +0000
Local clock offset: 3.333 ms
Remote clock offset: -3.362 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:06:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 102.91 Mbit/s
95th percentile per-packet one-way delay: -5.352 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 102.91 Mbit/s
95th percentile per-packet one-way delay: -5.352 ms
Loss rate: 0.22%
```

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

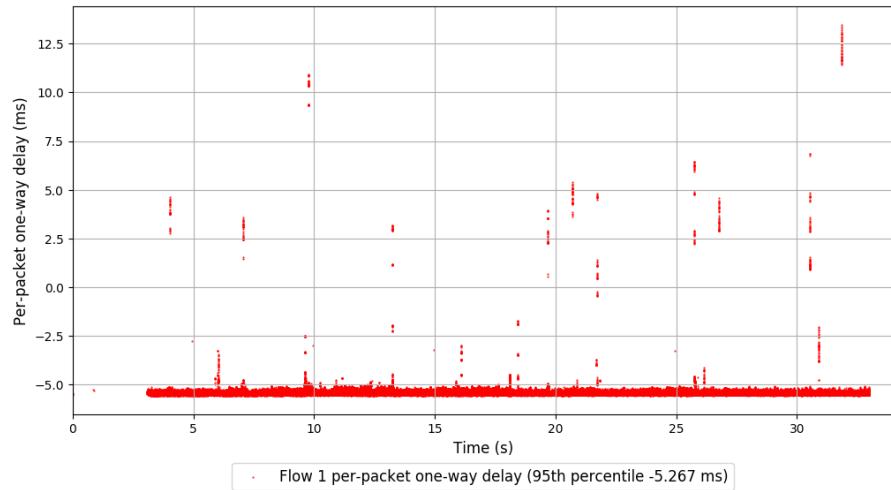
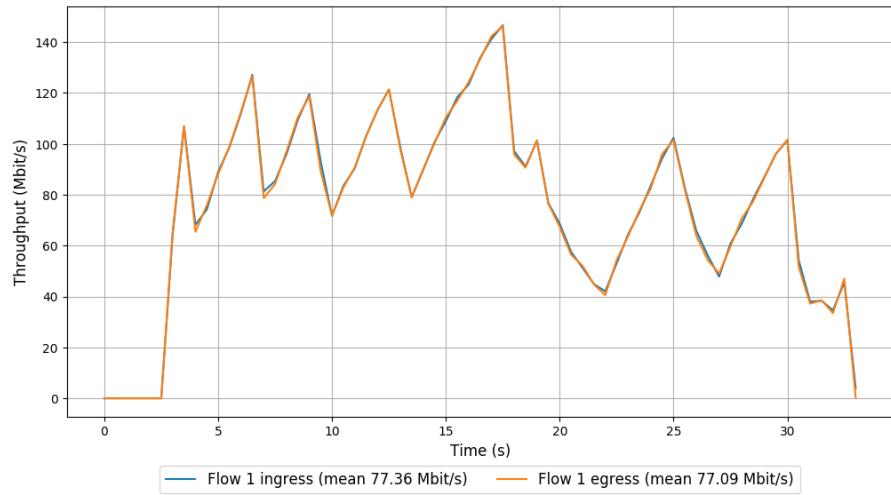


Run 3: Statistics of TCP Vegas

```
Start at: Fri, 16 Jun 2017 03:11:27 +0000
End at: Fri, 16 Jun 2017 03:11:57 +0000
Local clock offset: 3.123 ms
Remote clock offset: -3.447 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:07:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.09 Mbit/s
95th percentile per-packet one-way delay: -5.267 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 77.09 Mbit/s
95th percentile per-packet one-way delay: -5.267 ms
Loss rate: 0.42%
```

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

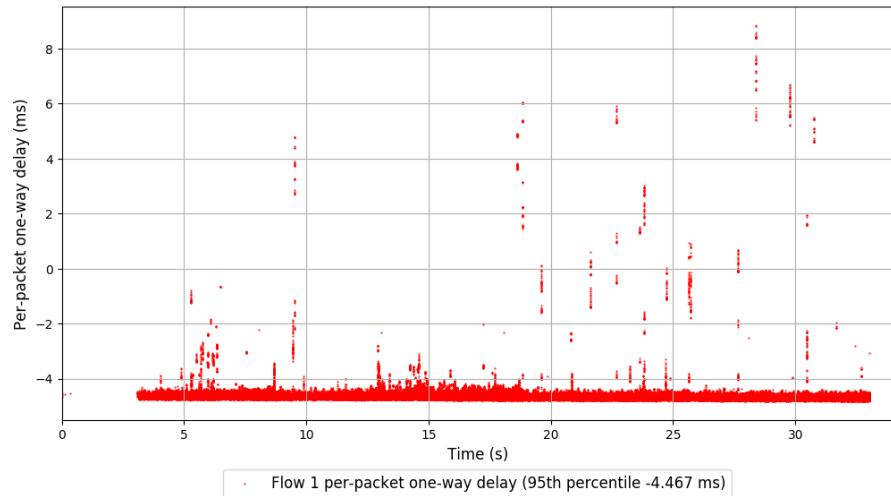
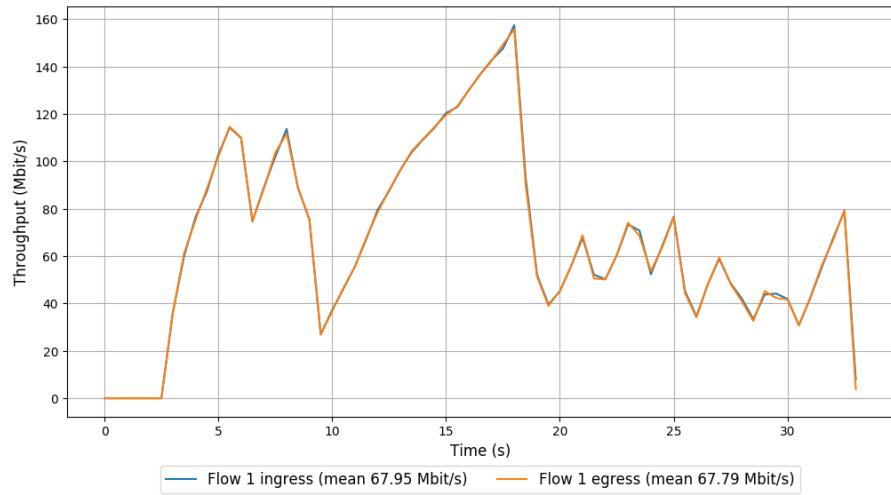


Run 4: Statistics of TCP Vegas

```
Start at: Fri, 16 Jun 2017 03:30:50 +0000
End at: Fri, 16 Jun 2017 03:31:20 +0000
Local clock offset: 2.46 ms
Remote clock offset: -3.243 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:07:09 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 67.79 Mbit/s
95th percentile per-packet one-way delay: -4.467 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 67.79 Mbit/s
95th percentile per-packet one-way delay: -4.467 ms
Loss rate: 0.29%
```

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

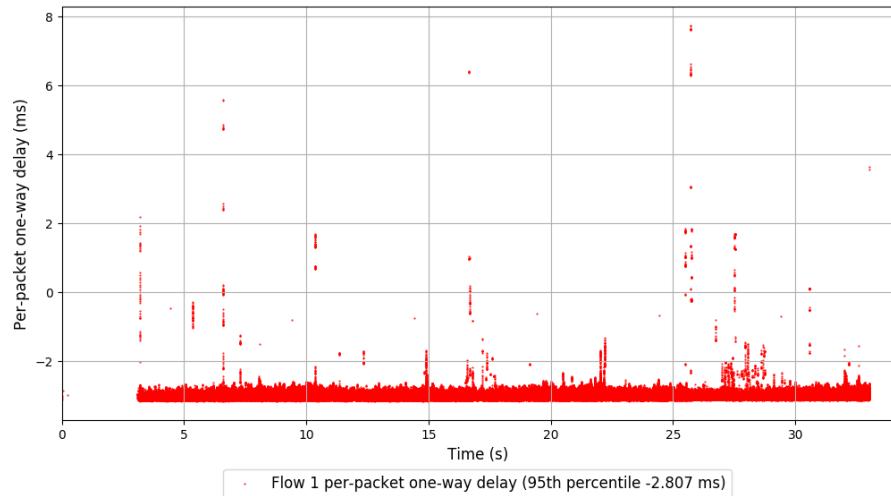
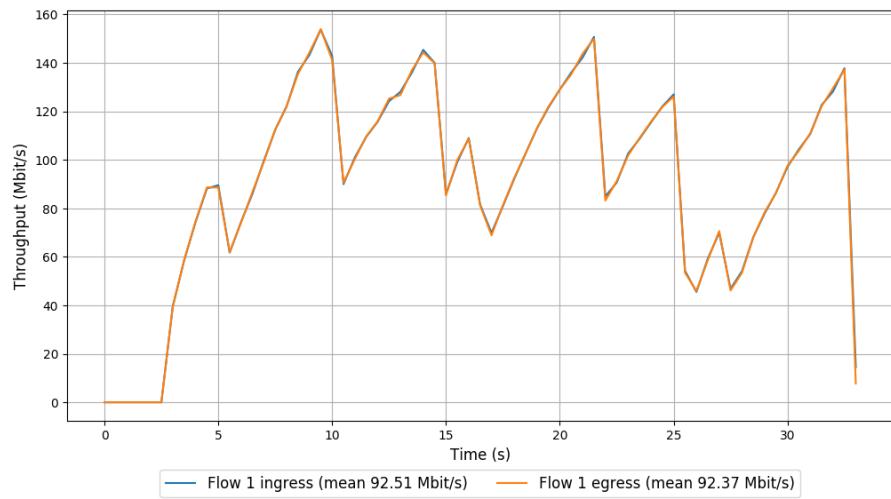


Run 5: Statistics of TCP Vegas

```
Start at: Fri, 16 Jun 2017 03:50:16 +0000
End at: Fri, 16 Jun 2017 03:50:46 +0000
Local clock offset: 1.157 ms
Remote clock offset: -2.911 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:07:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.37 Mbit/s
95th percentile per-packet one-way delay: -2.807 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 92.37 Mbit/s
95th percentile per-packet one-way delay: -2.807 ms
Loss rate: 0.19%
```

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

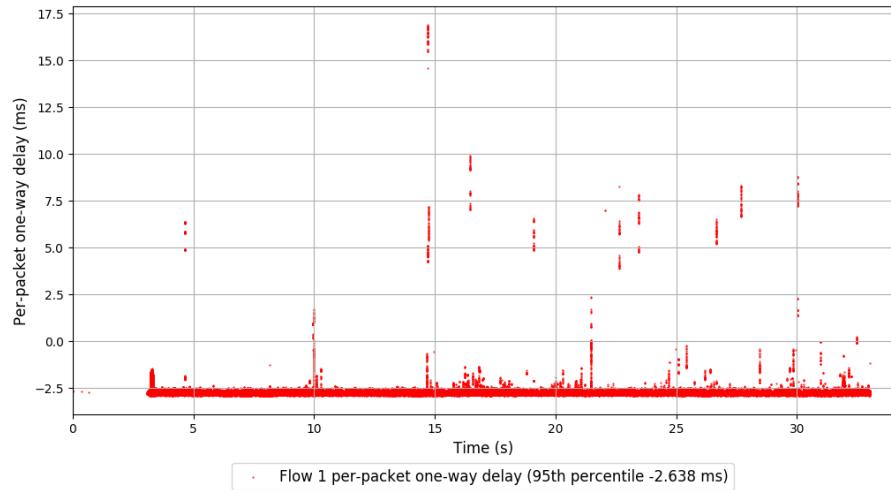
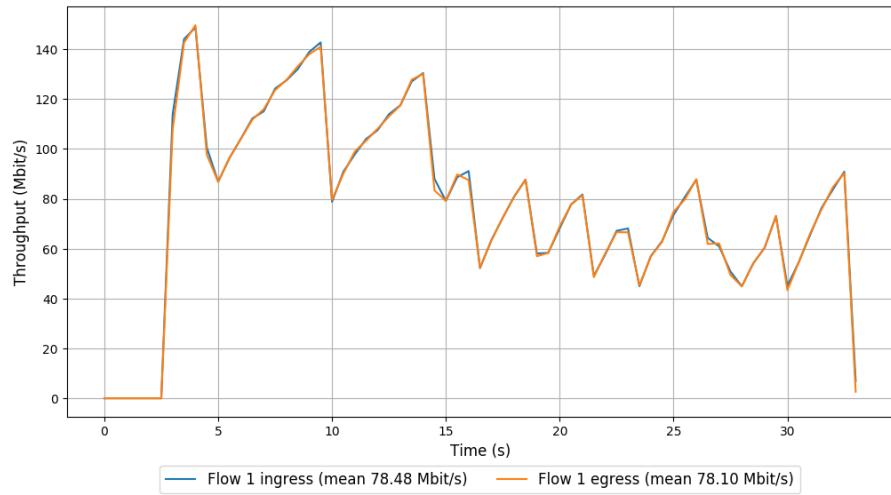


Run 6: Statistics of TCP Vegas

```
Start at: Fri, 16 Jun 2017 04:09:48 +0000
End at: Fri, 16 Jun 2017 04:10:18 +0000
Local clock offset: 0.706 ms
Remote clock offset: -3.128 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:07:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.10 Mbit/s
95th percentile per-packet one-way delay: -2.638 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 78.10 Mbit/s
95th percentile per-packet one-way delay: -2.638 ms
Loss rate: 0.54%
```

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



Run 7: Statistics of TCP Vegas

Start at: Fri, 16 Jun 2017 04:29:31 +0000

End at: Fri, 16 Jun 2017 04:30:01 +0000

Local clock offset: 0.922 ms

Remote clock offset: -3.02 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:07:30 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 72.51 Mbit/s

95th percentile per-packet one-way delay: -2.678 ms

Loss rate: 0.30%

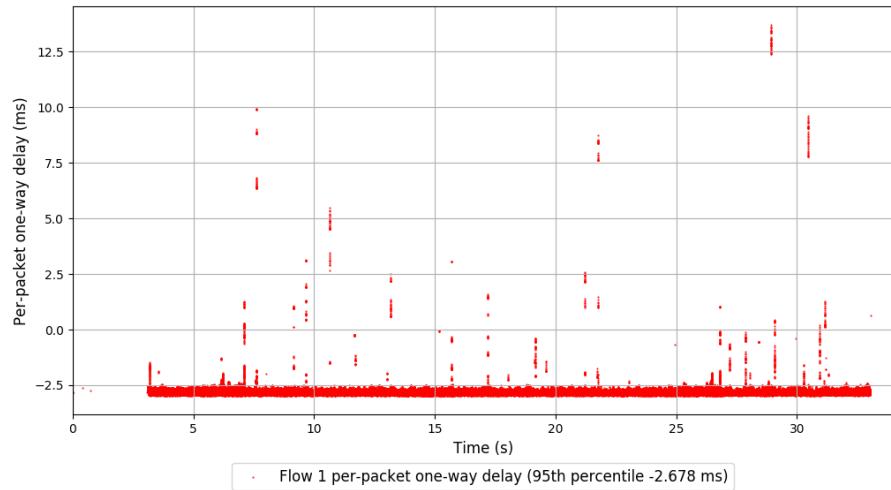
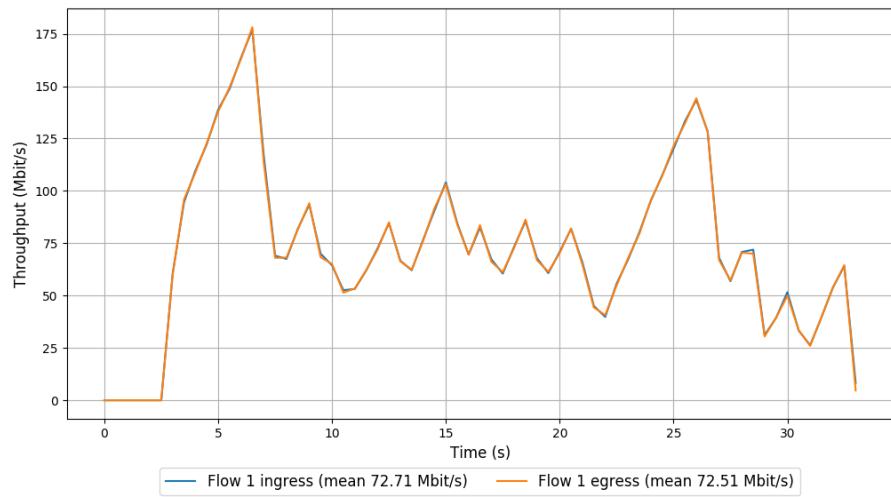
-- Flow 1:

Average throughput: 72.51 Mbit/s

95th percentile per-packet one-way delay: -2.678 ms

Loss rate: 0.30%

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

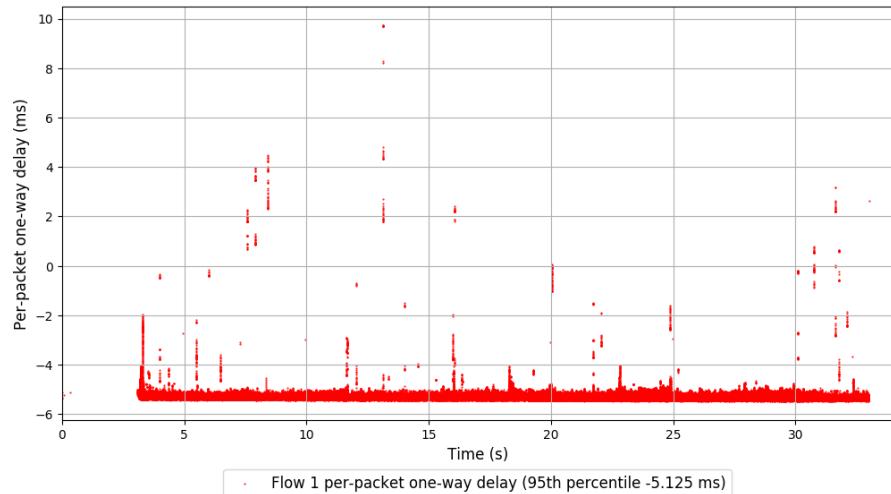
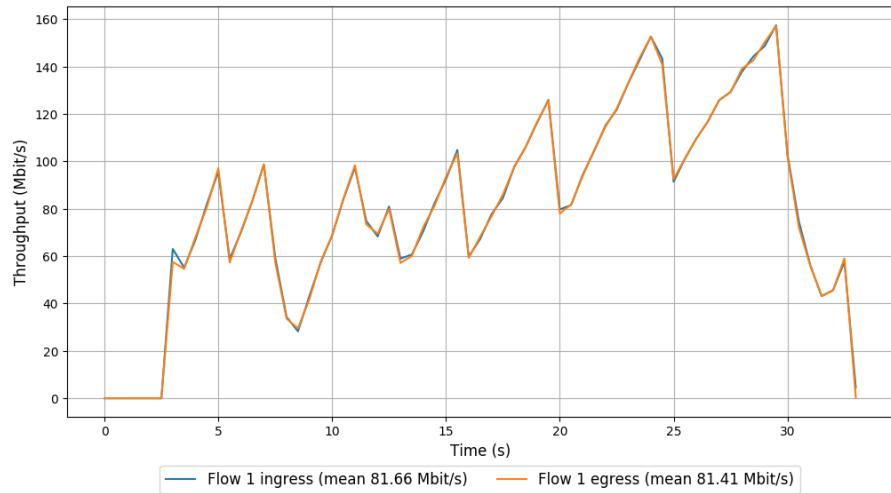


Run 8: Statistics of TCP Vegas

```
Start at: Fri, 16 Jun 2017 04:49:01 +0000
End at: Fri, 16 Jun 2017 04:49:31 +0000
Local clock offset: 3.241 ms
Remote clock offset: -3.119 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:07:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.41 Mbit/s
95th percentile per-packet one-way delay: -5.125 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 81.41 Mbit/s
95th percentile per-packet one-way delay: -5.125 ms
Loss rate: 0.30%
```

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

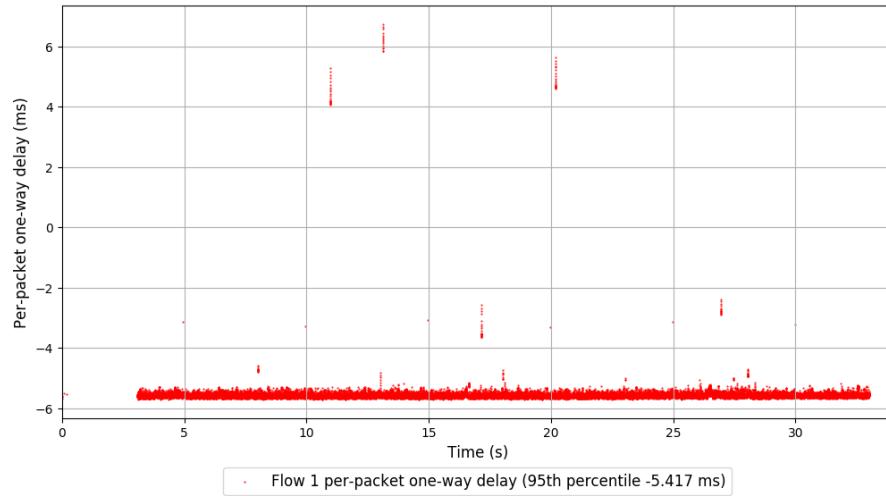
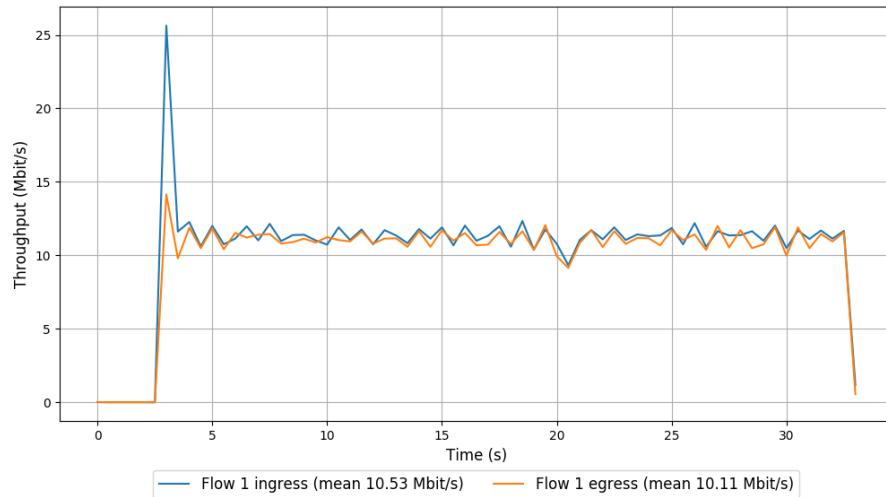


Run 9: Statistics of TCP Vegas

```
Start at: Fri, 16 Jun 2017 05:08:37 +0000
End at: Fri, 16 Jun 2017 05:09:07 +0000
Local clock offset: 4.186 ms
Remote clock offset: -2.625 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:07:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.11 Mbit/s
95th percentile per-packet one-way delay: -5.417 ms
Loss rate: 4.05%
-- Flow 1:
Average throughput: 10.11 Mbit/s
95th percentile per-packet one-way delay: -5.417 ms
Loss rate: 4.05%
```

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

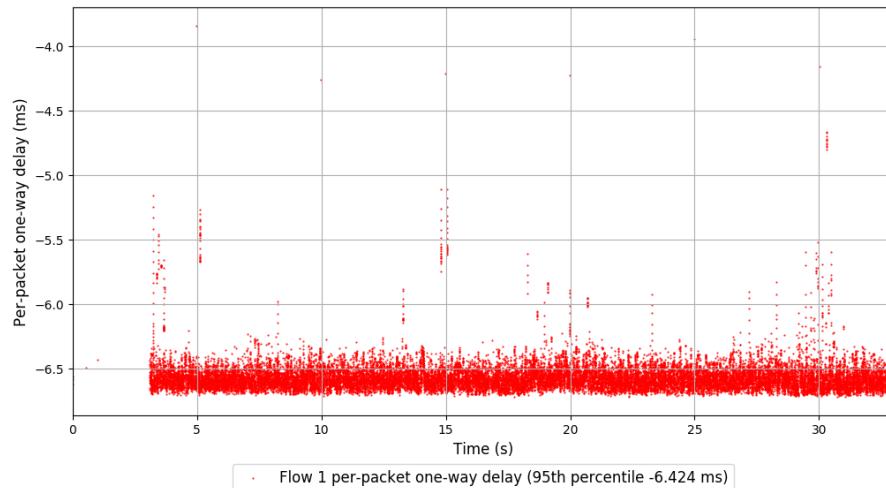
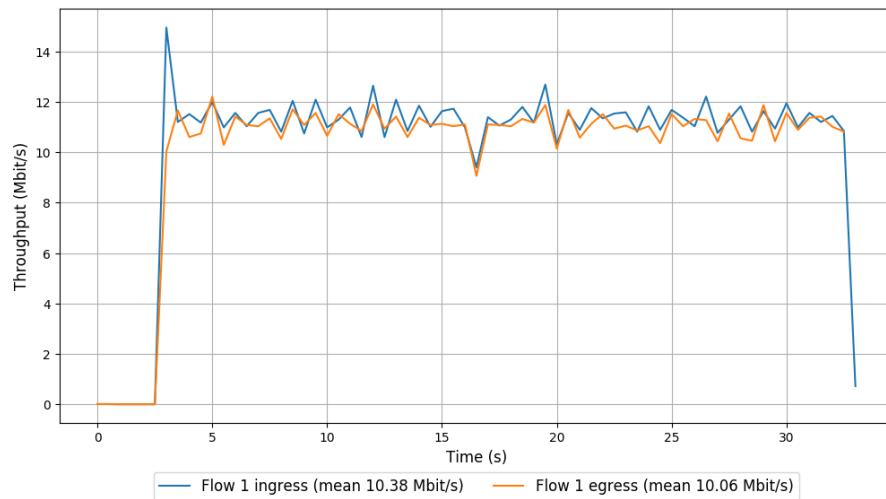


Run 10: Statistics of TCP Vegas

```
Start at: Fri, 16 Jun 2017 05:26:44 +0000
End at: Fri, 16 Jun 2017 05:27:14 +0000
Local clock offset: 5.401 ms
Remote clock offset: -2.271 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:07:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.06 Mbit/s
95th percentile per-packet one-way delay: -6.424 ms
Loss rate: 3.14%
-- Flow 1:
Average throughput: 10.06 Mbit/s
95th percentile per-packet one-way delay: -6.424 ms
Loss rate: 3.14%
```

Run 10: Report of TCP Vegas — Data Link

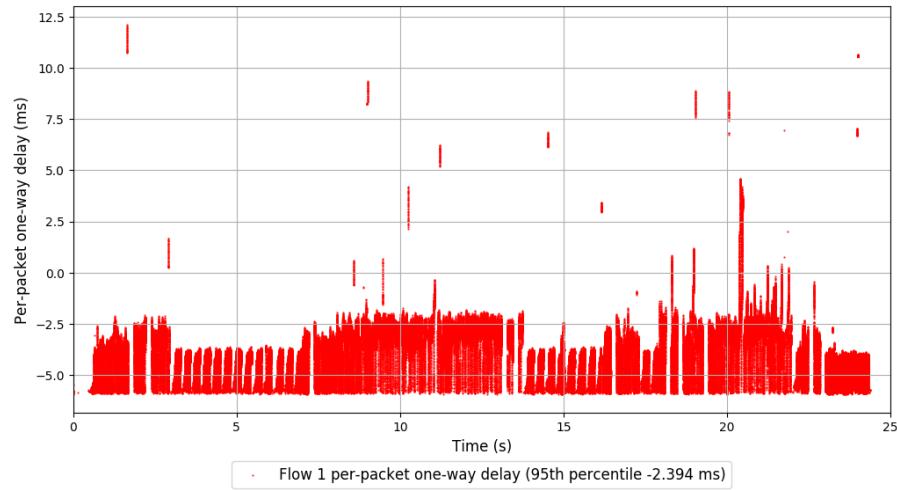
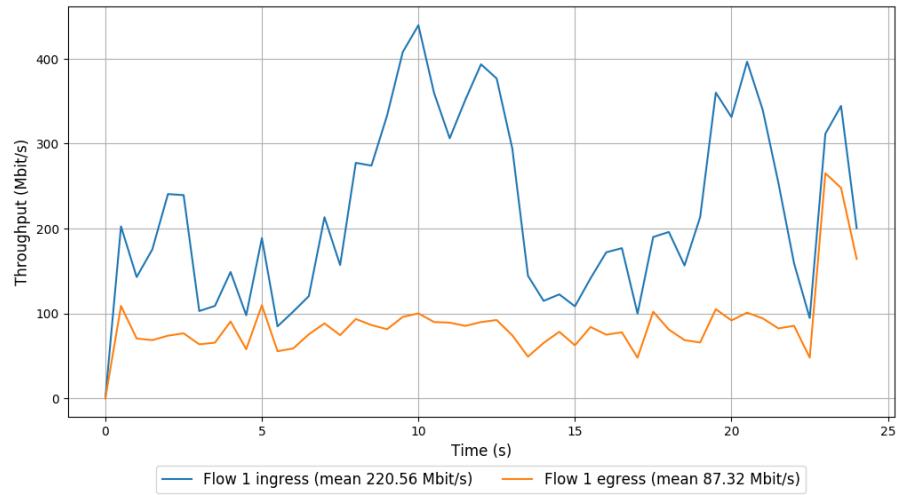


Run 1: Statistics of Verus

```
Start at: Fri, 16 Jun 2017 02:37:34 +0000
End at: Fri, 16 Jun 2017 02:38:04 +0000
Local clock offset: 3.578 ms
Remote clock offset: -3.252 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:07:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.32 Mbit/s
95th percentile per-packet one-way delay: -2.394 ms
Loss rate: 60.44%
-- Flow 1:
Average throughput: 87.32 Mbit/s
95th percentile per-packet one-way delay: -2.394 ms
Loss rate: 60.44%
```

## Run 1: Report of Verus — Data Link

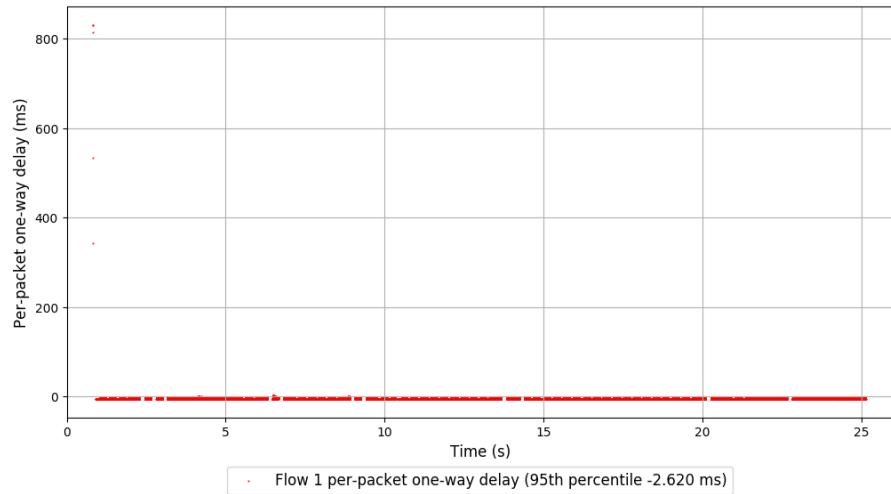
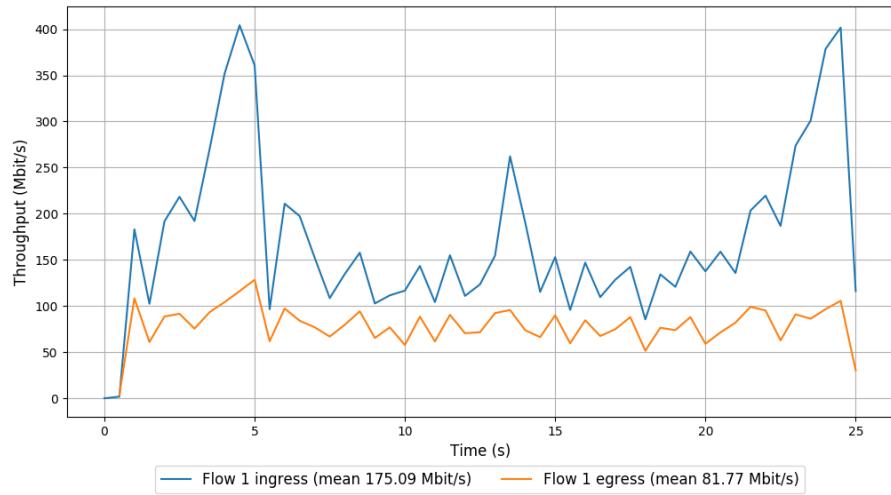


Run 2: Statistics of Verus

```
Start at: Fri, 16 Jun 2017 02:57:10 +0000
End at: Fri, 16 Jun 2017 02:57:40 +0000
Local clock offset: 3.129 ms
Remote clock offset: -3.469 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:07:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.77 Mbit/s
95th percentile per-packet one-way delay: -2.620 ms
Loss rate: 54.89%
-- Flow 1:
Average throughput: 81.77 Mbit/s
95th percentile per-packet one-way delay: -2.620 ms
Loss rate: 54.89%
```

## Run 2: Report of Verus — Data Link

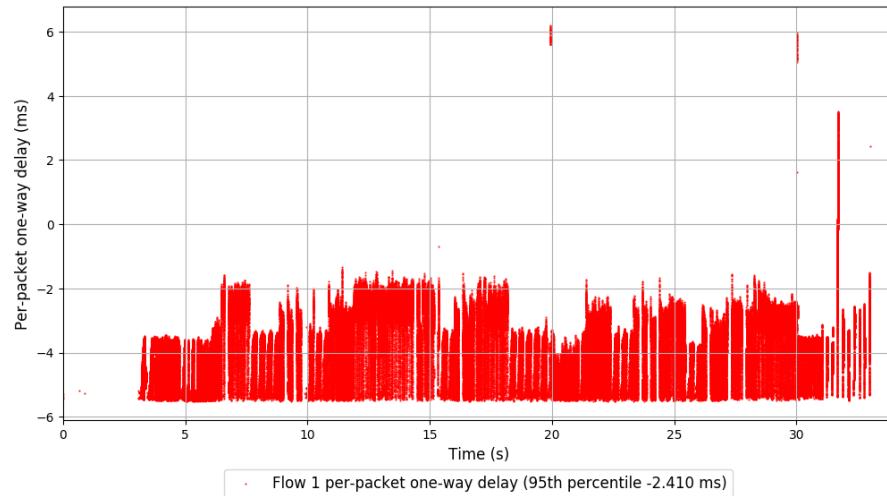
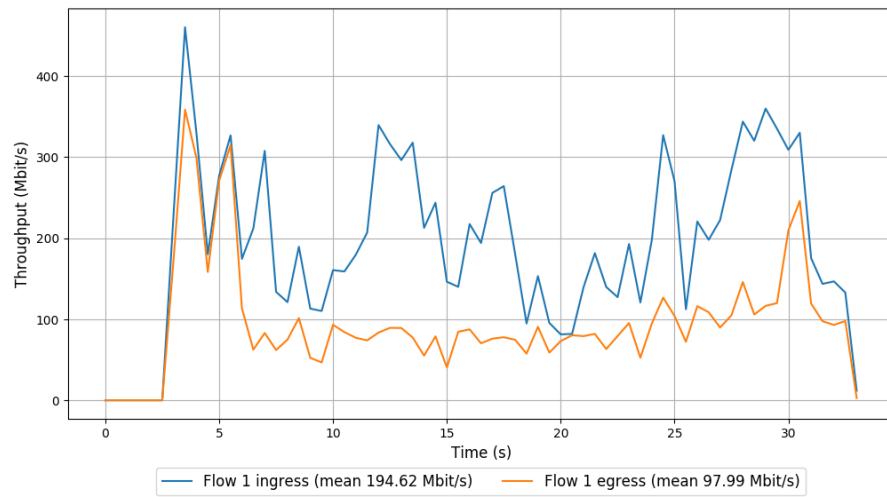


Run 3: Statistics of Verus

```
Start at: Fri, 16 Jun 2017 03:16:31 +0000
End at: Fri, 16 Jun 2017 03:17:01 +0000
Local clock offset: 3.131 ms
Remote clock offset: -3.428 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:08:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.99 Mbit/s
95th percentile per-packet one-way delay: -2.410 ms
Loss rate: 49.64%
-- Flow 1:
Average throughput: 97.99 Mbit/s
95th percentile per-packet one-way delay: -2.410 ms
Loss rate: 49.64%
```

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

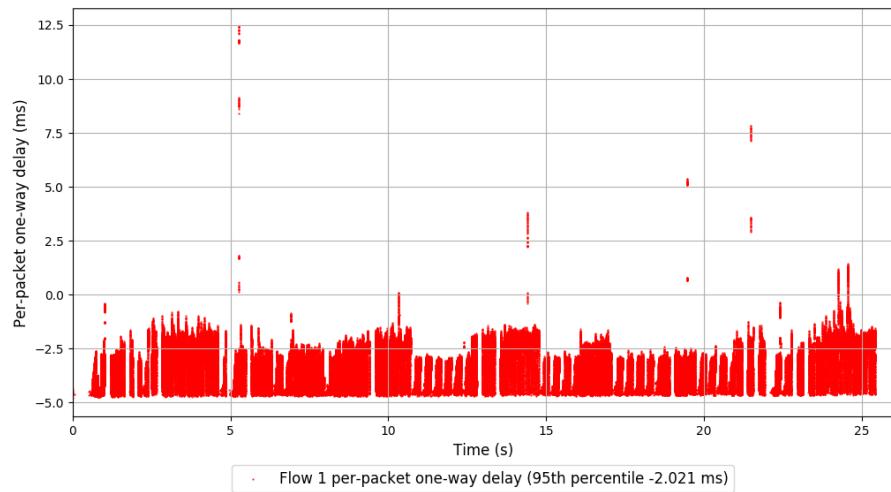
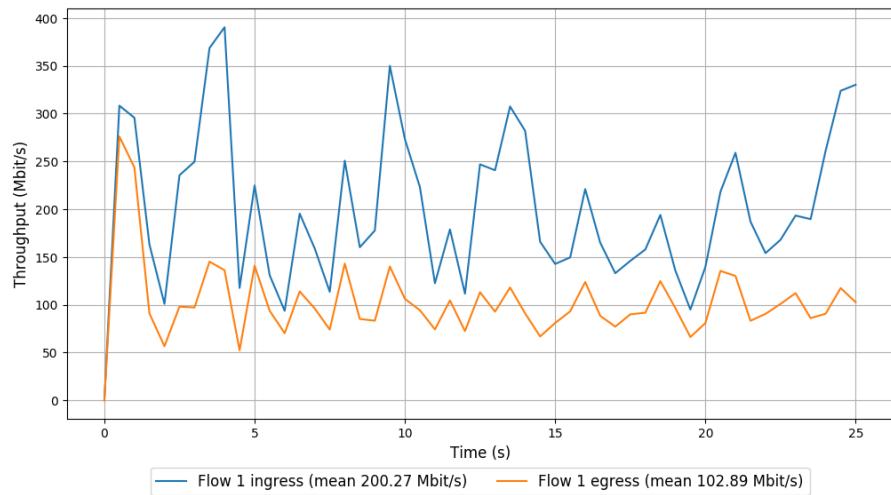


Run 4: Statistics of Verus

```
Start at: Fri, 16 Jun 2017 03:36:05 +0000
End at: Fri, 16 Jun 2017 03:36:35 +0000
Local clock offset: 2.764 ms
Remote clock offset: -3.095 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:08:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 102.89 Mbit/s
95th percentile per-packet one-way delay: -2.021 ms
Loss rate: 48.71%
-- Flow 1:
Average throughput: 102.89 Mbit/s
95th percentile per-packet one-way delay: -2.021 ms
Loss rate: 48.71%
```

## Run 4: Report of Verus — Data Link

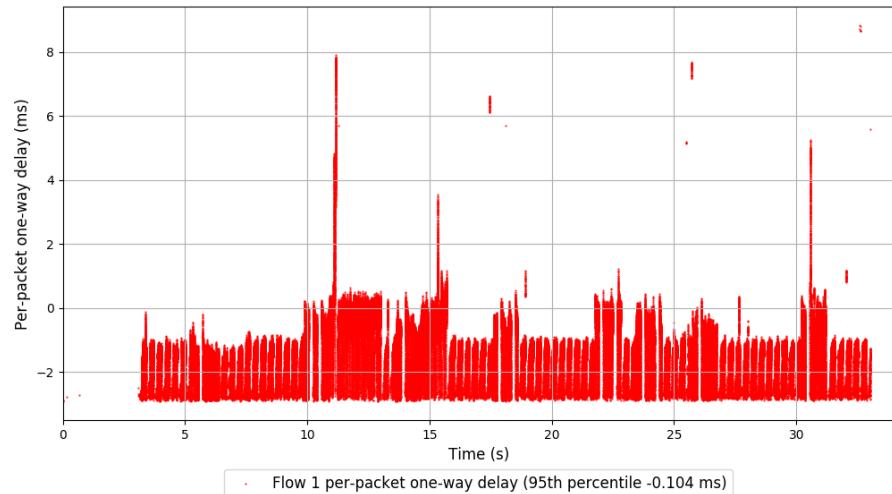
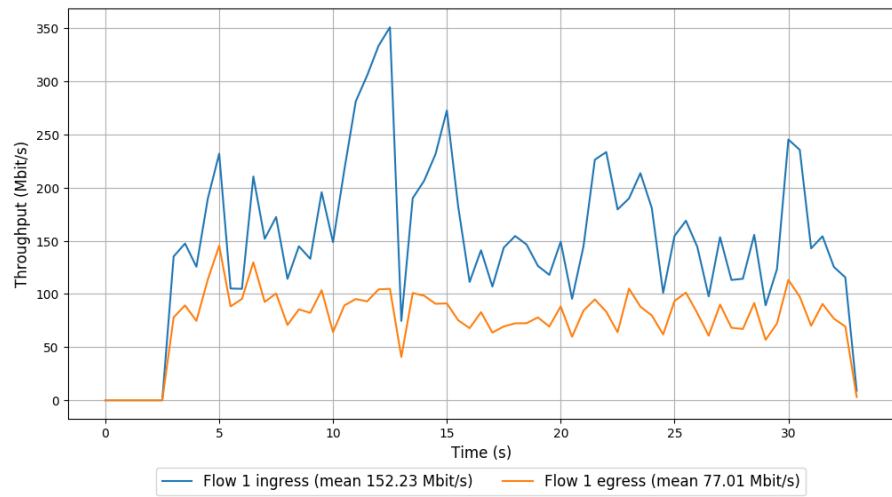


Run 5: Statistics of Verus

```
Start at: Fri, 16 Jun 2017 03:55:28 +0000
End at: Fri, 16 Jun 2017 03:55:58 +0000
Local clock offset: 0.985 ms
Remote clock offset: -3.04 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:08:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.01 Mbit/s
95th percentile per-packet one-way delay: -0.104 ms
Loss rate: 49.44%
-- Flow 1:
Average throughput: 77.01 Mbit/s
95th percentile per-packet one-way delay: -0.104 ms
Loss rate: 49.44%
```

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

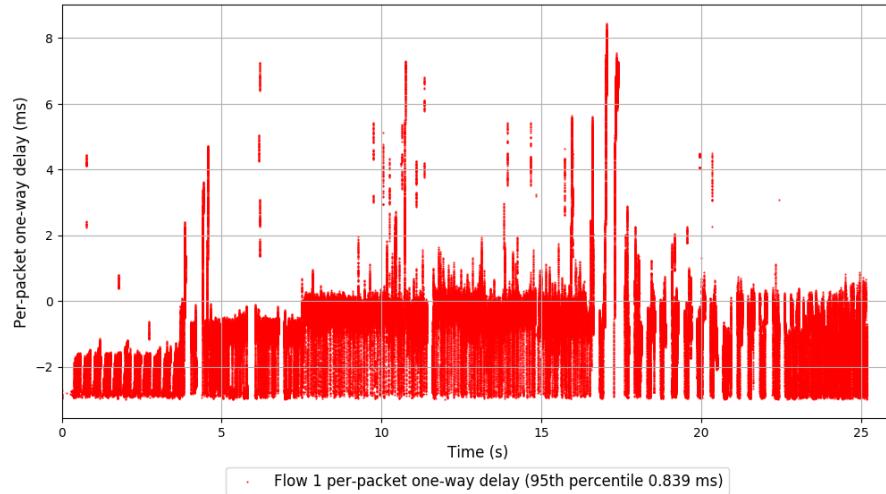
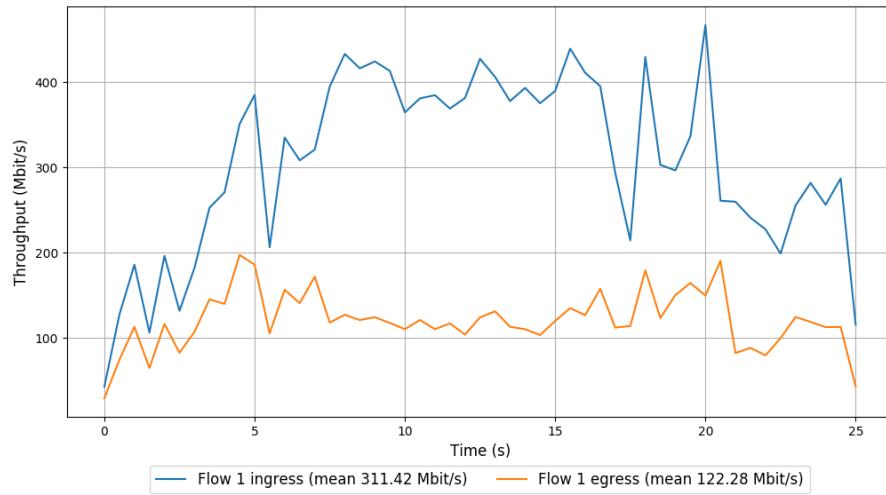


Run 6: Statistics of Verus

```
Start at: Fri, 16 Jun 2017 04:15:09 +0000
End at: Fri, 16 Jun 2017 04:15:39 +0000
Local clock offset: 0.822 ms
Remote clock offset: -3.169 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:08:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 122.28 Mbit/s
95th percentile per-packet one-way delay: 0.839 ms
Loss rate: 60.78%
-- Flow 1:
Average throughput: 122.28 Mbit/s
95th percentile per-packet one-way delay: 0.839 ms
Loss rate: 60.78%
```

Run 6: Report of Verus — Data Link

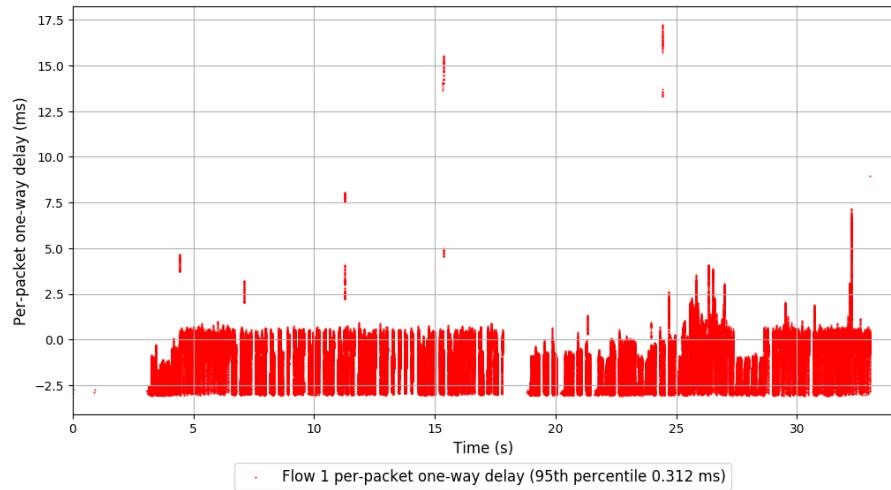
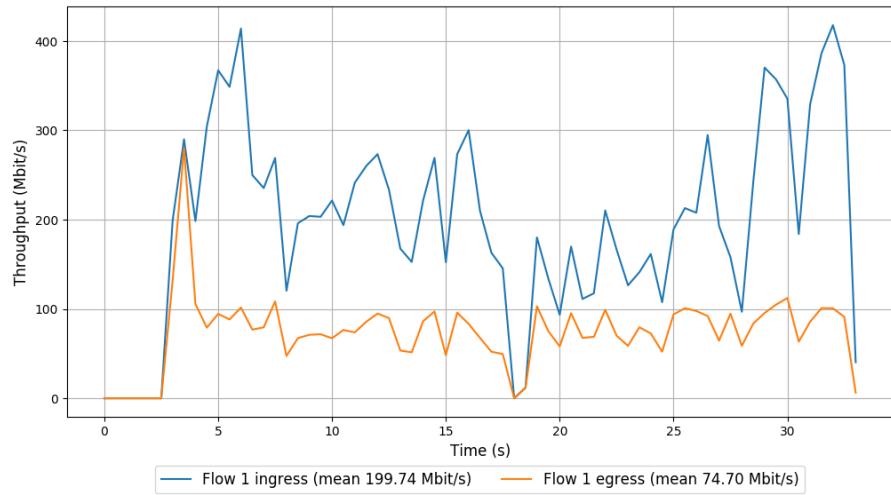


Run 7: Statistics of Verus

```
Start at: Fri, 16 Jun 2017 04:34:39 +0000
End at: Fri, 16 Jun 2017 04:35:09 +0000
Local clock offset: 1.116 ms
Remote clock offset: -2.901 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:08:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.70 Mbit/s
95th percentile per-packet one-way delay: 0.312 ms
Loss rate: 62.59%
-- Flow 1:
Average throughput: 74.70 Mbit/s
95th percentile per-packet one-way delay: 0.312 ms
Loss rate: 62.59%
```

## Run 7: Report of Verus — Data Link

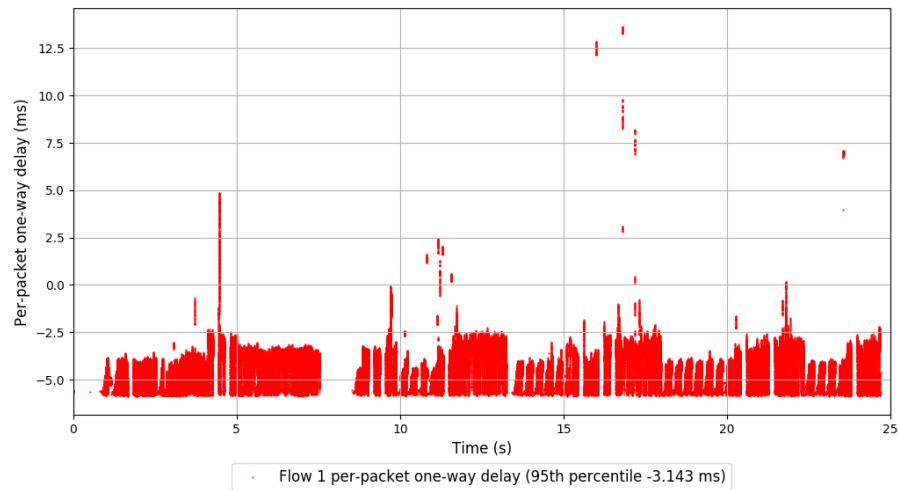
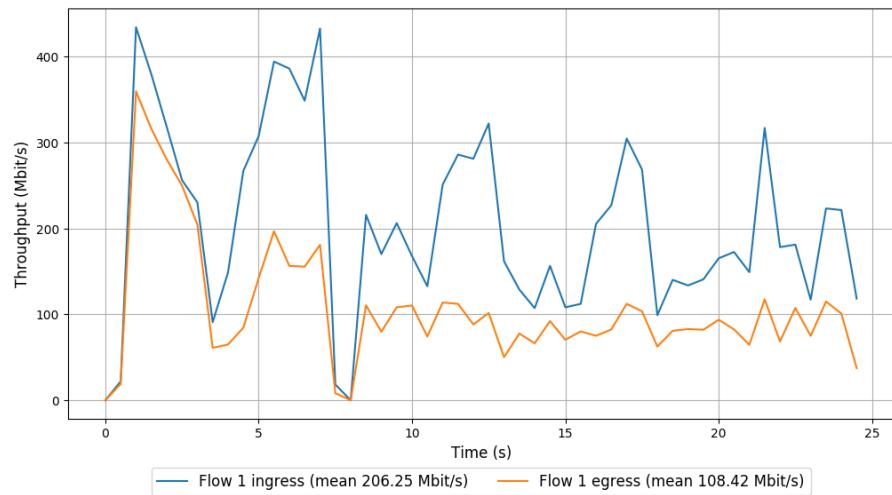


Run 8: Statistics of Verus

```
Start at: Fri, 16 Jun 2017 04:54:22 +0000
End at: Fri, 16 Jun 2017 04:54:52 +0000
Local clock offset: 3.733 ms
Remote clock offset: -3.034 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:08:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 108.42 Mbit/s
95th percentile per-packet one-way delay: -3.143 ms
Loss rate: 47.47%
-- Flow 1:
Average throughput: 108.42 Mbit/s
95th percentile per-packet one-way delay: -3.143 ms
Loss rate: 47.47%
```

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

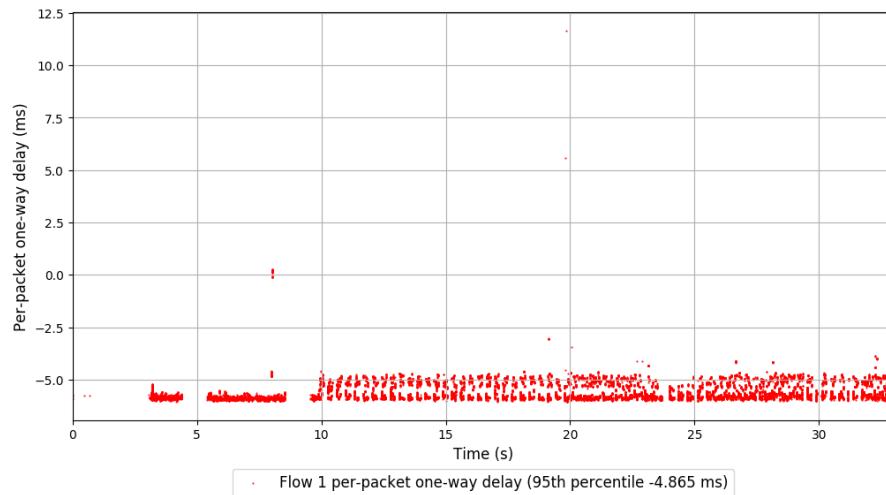
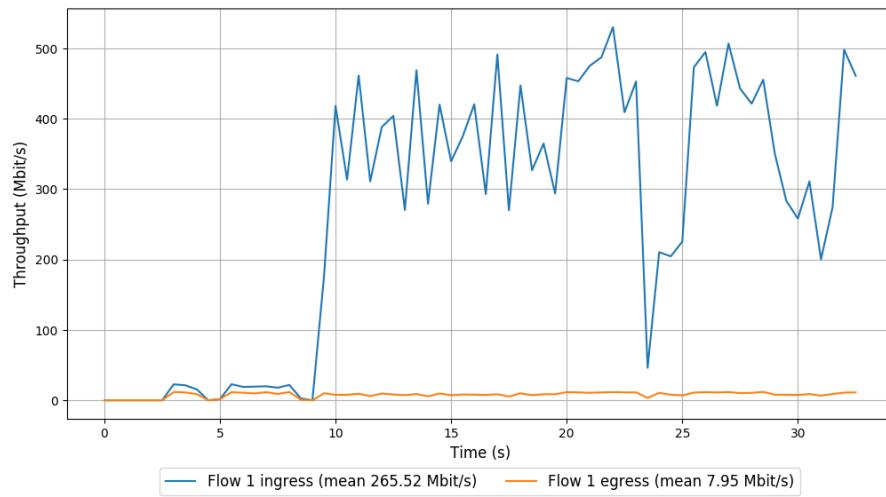


Run 9: Statistics of Verus

```
Start at: Fri, 16 Jun 2017 05:13:19 +0000
End at: Fri, 16 Jun 2017 05:13:49 +0000
Local clock offset: 4.422 ms
Remote clock offset: -2.546 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:08:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.95 Mbit/s
95th percentile per-packet one-way delay: -4.865 ms
Loss rate: 97.01%
-- Flow 1:
Average throughput: 7.95 Mbit/s
95th percentile per-packet one-way delay: -4.865 ms
Loss rate: 97.01%
```

## Run 9: Report of Verus — Data Link

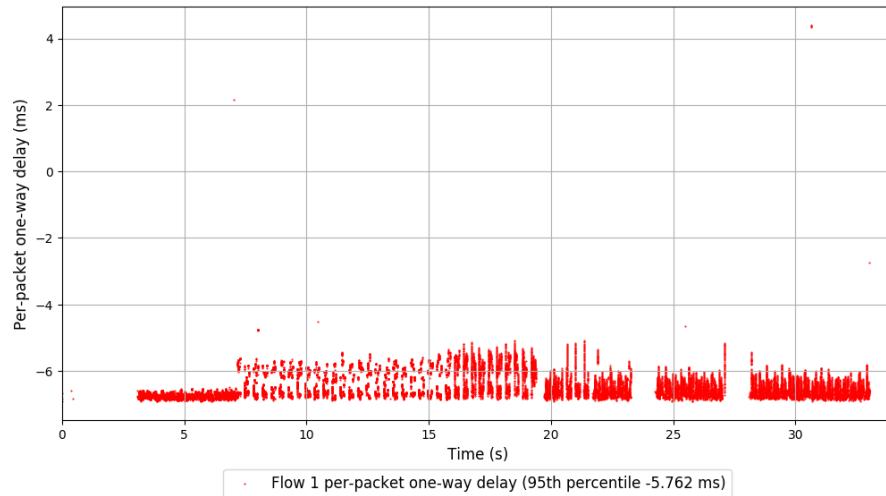
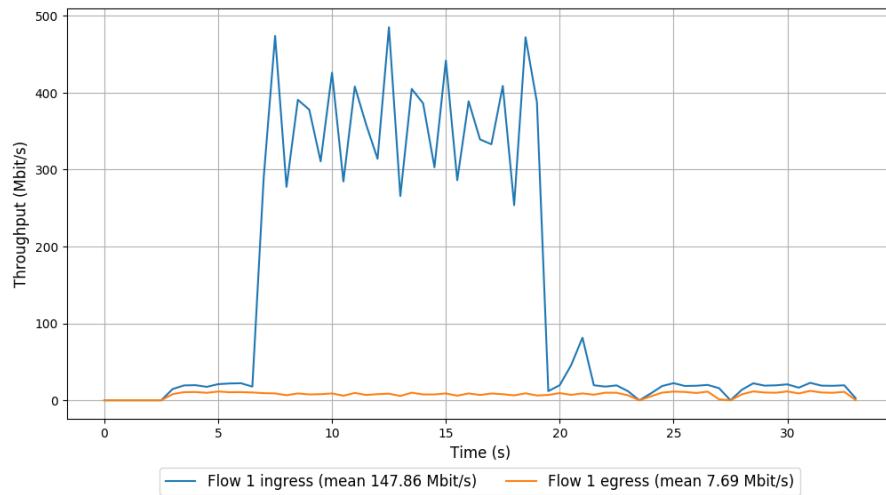


Run 10: Statistics of Verus

```
Start at: Fri, 16 Jun 2017 05:31:26 +0000
End at: Fri, 16 Jun 2017 05:31:56 +0000
Local clock offset: 5.62 ms
Remote clock offset: -2.266 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:08:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.69 Mbit/s
95th percentile per-packet one-way delay: -5.762 ms
Loss rate: 94.80%
-- Flow 1:
Average throughput: 7.69 Mbit/s
95th percentile per-packet one-way delay: -5.762 ms
Loss rate: 94.80%
```

## Run 10: Report of Verus — Data Link

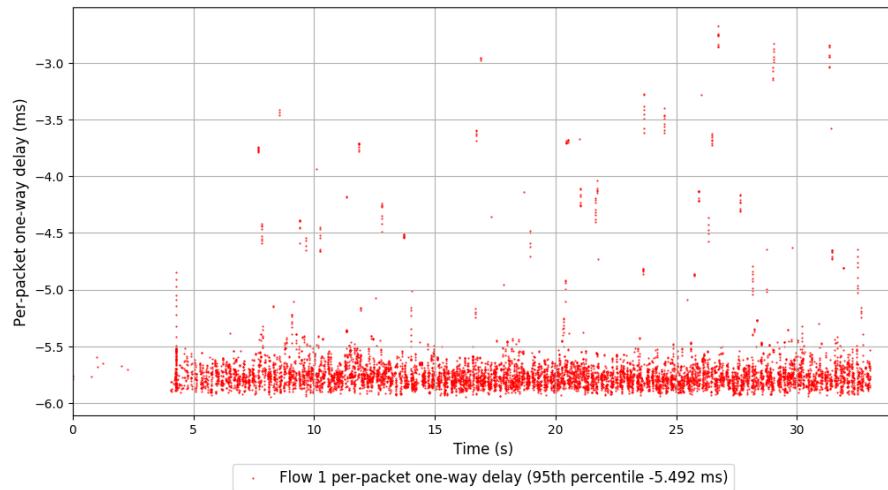
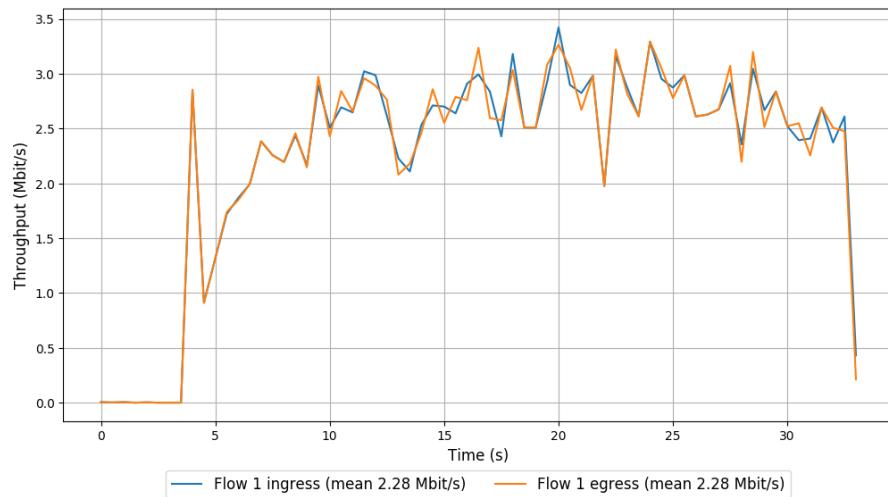


```
Run 1: Statistics of WebRTC media

Start at: Fri, 16 Jun 2017 02:36:24 +0000
End at: Fri, 16 Jun 2017 02:36:54 +0000
Local clock offset: 3.583 ms
Remote clock offset: -3.23 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:08:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.28 Mbit/s
95th percentile per-packet one-way delay: -5.492 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 2.28 Mbit/s
95th percentile per-packet one-way delay: -5.492 ms
Loss rate: 0.15%
```

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

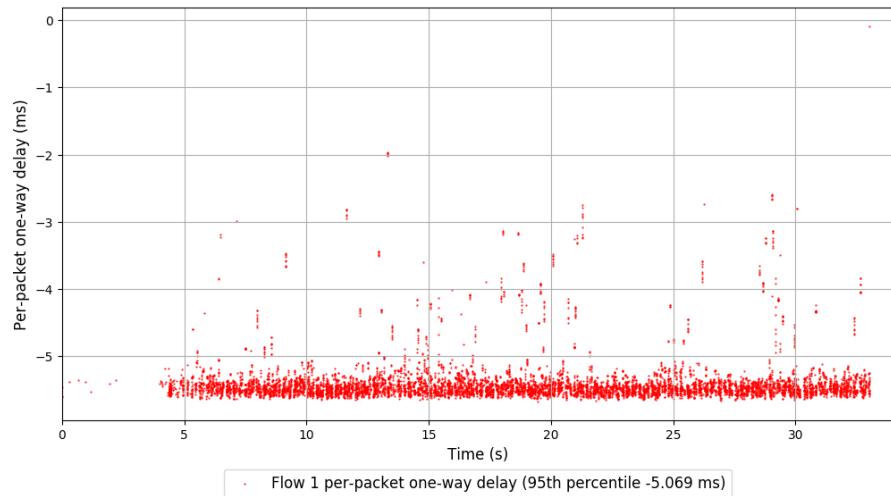
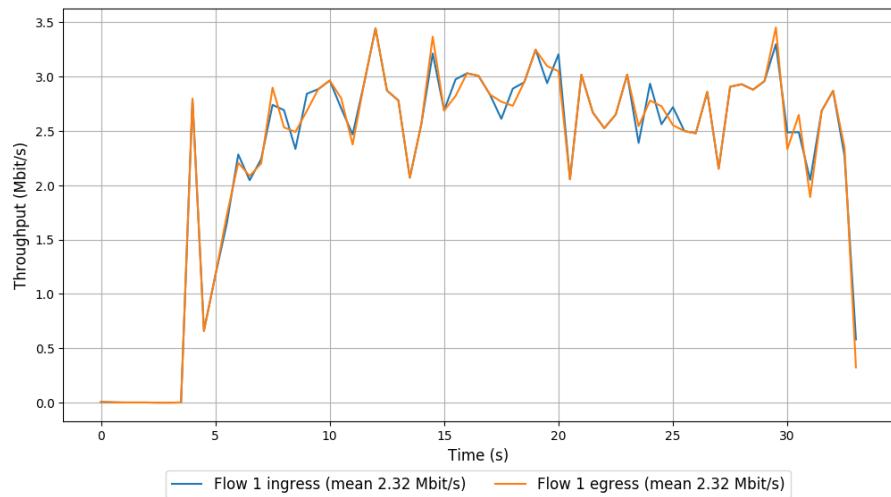


Run 2: Statistics of WebRTC media

```
Start at: Fri, 16 Jun 2017 02:56:00 +0000
End at: Fri, 16 Jun 2017 02:56:30 +0000
Local clock offset: 3.181 ms
Remote clock offset: -3.44 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:08:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: -5.069 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: -5.069 ms
Loss rate: 0.12%
```

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

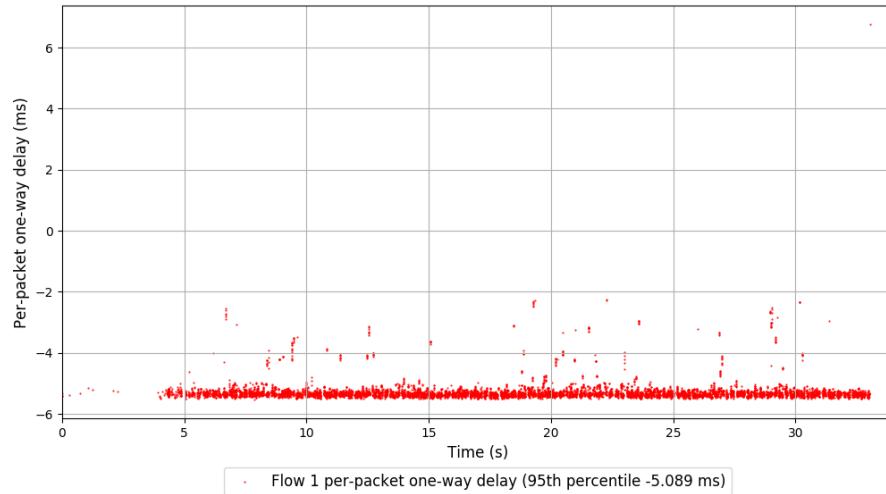
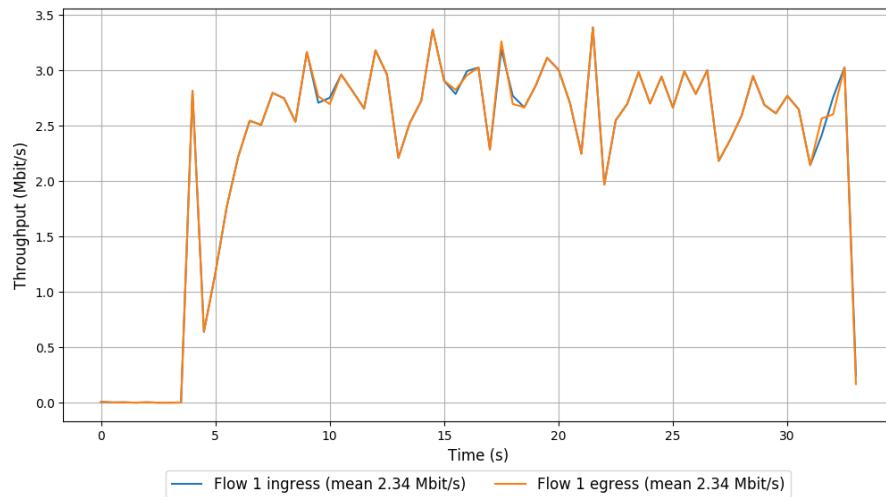


```
Run 3: Statistics of WebRTC media

Start at: Fri, 16 Jun 2017 03:15:22 +0000
End at: Fri, 16 Jun 2017 03:15:52 +0000
Local clock offset: 3.149 ms
Remote clock offset: -3.411 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:08:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: -5.089 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: -5.089 ms
Loss rate: 0.05%
```

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

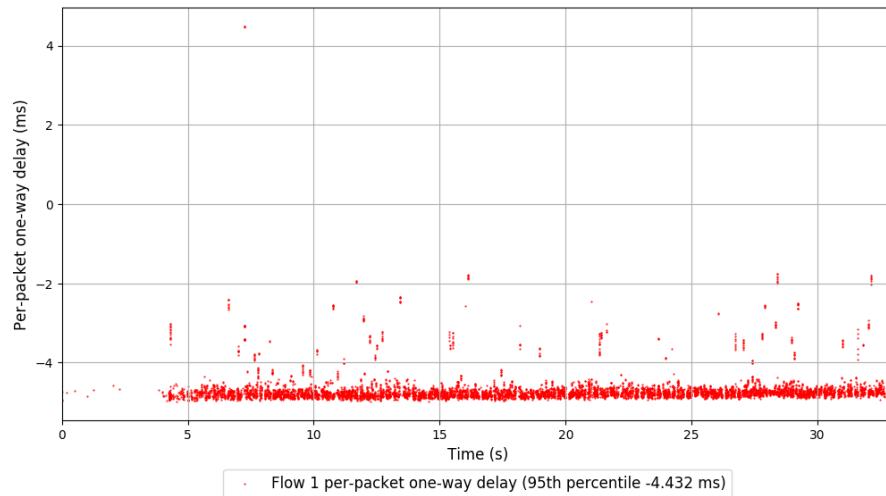
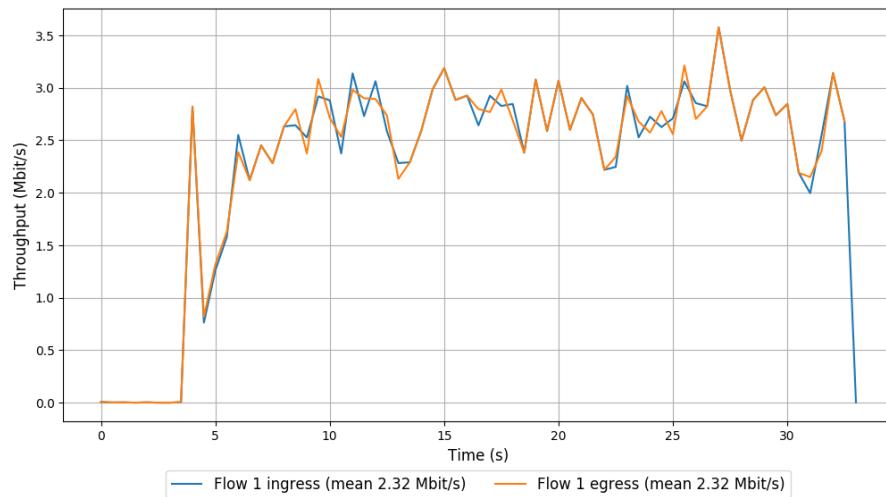


Run 4: Statistics of WebRTC media

```
Start at: Fri, 16 Jun 2017 03:34:55 +0000
End at: Fri, 16 Jun 2017 03:35:25 +0000
Local clock offset: 2.843 ms
Remote clock offset: -3.131 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:08:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: -4.432 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: -4.432 ms
Loss rate: 0.00%
```

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

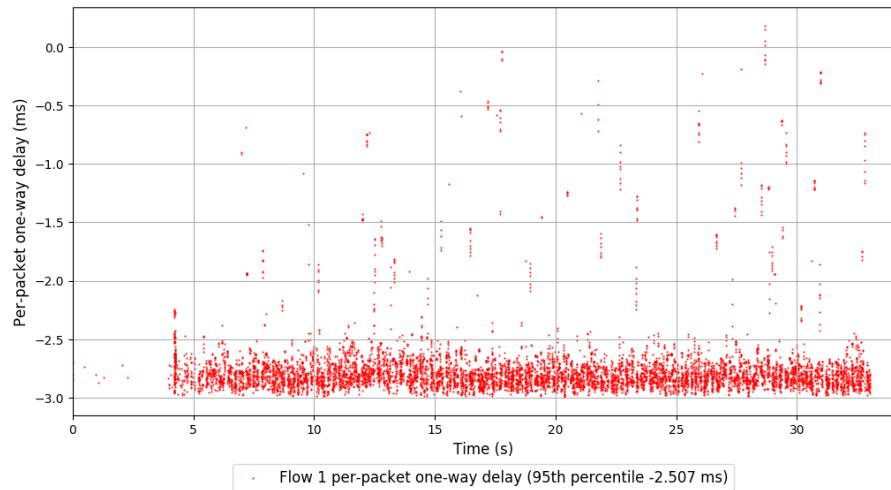
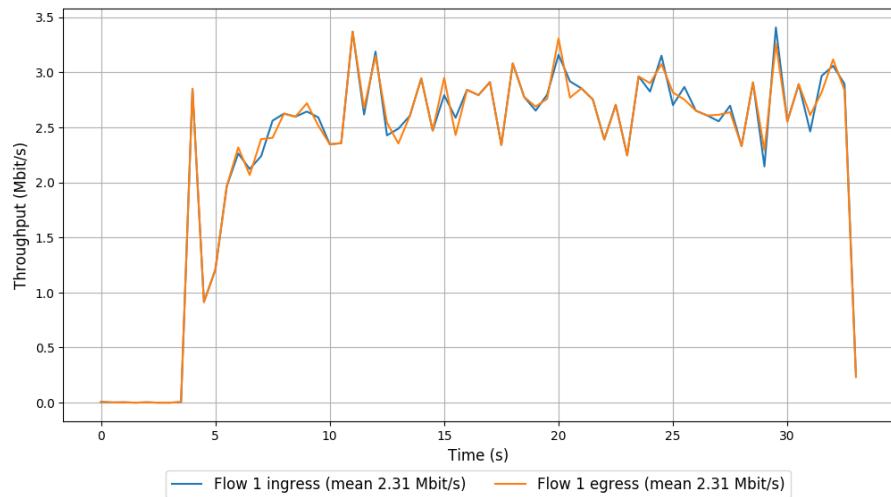


Run 5: Statistics of WebRTC media

```
Start at: Fri, 16 Jun 2017 03:54:19 +0000
End at: Fri, 16 Jun 2017 03:54:49 +0000
Local clock offset: 1.025 ms
Remote clock offset: -3.032 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:08:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: -2.507 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: -2.507 ms
Loss rate: 0.00%
```

Run 5: Report of WebRTC media — Data Link

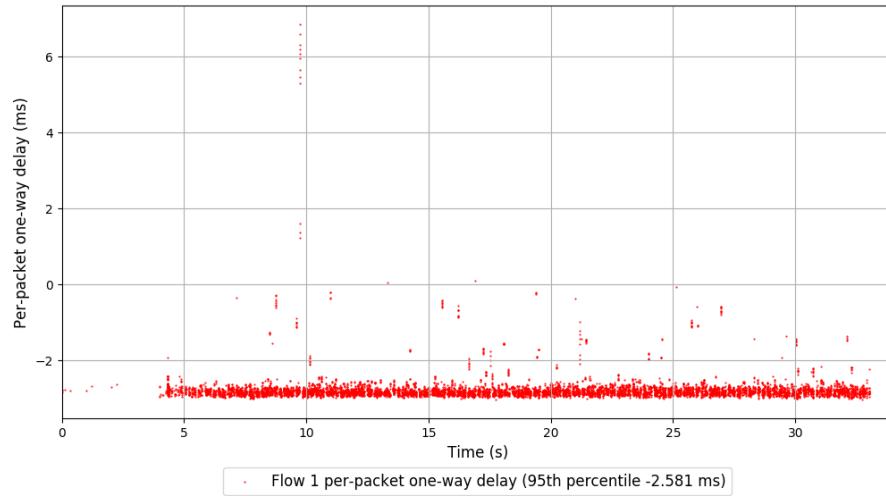
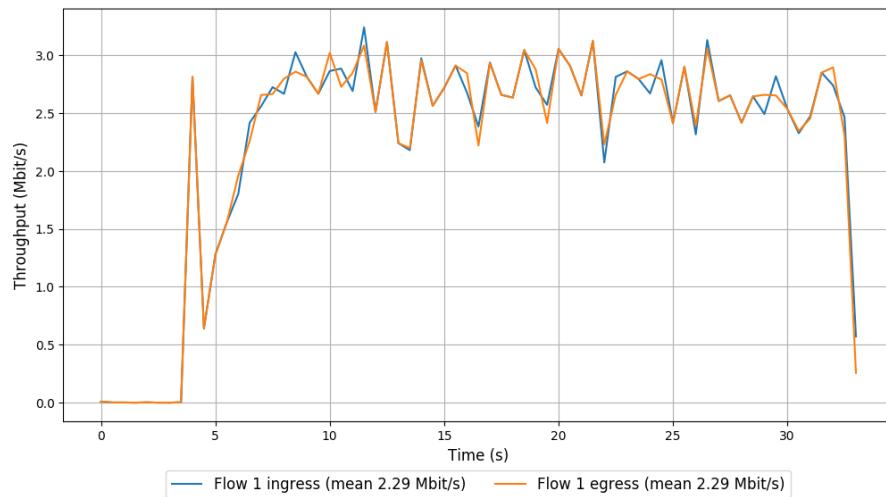


Run 6: Statistics of WebRTC media

```
Start at: Fri, 16 Jun 2017 04:13:59 +0000
End at: Fri, 16 Jun 2017 04:14:29 +0000
Local clock offset: 0.816 ms
Remote clock offset: -3.219 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:08:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: -2.581 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: -2.581 ms
Loss rate: 0.21%
```

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



Run 7: Statistics of WebRTC media

Start at: Fri, 16 Jun 2017 04:33:29 +0000

End at: Fri, 16 Jun 2017 04:33:59 +0000

Local clock offset: 0.986 ms

Remote clock offset: -2.882 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.19 Mbit/s

95th percentile per-packet one-way delay: -2.571 ms

Loss rate: 0.00%

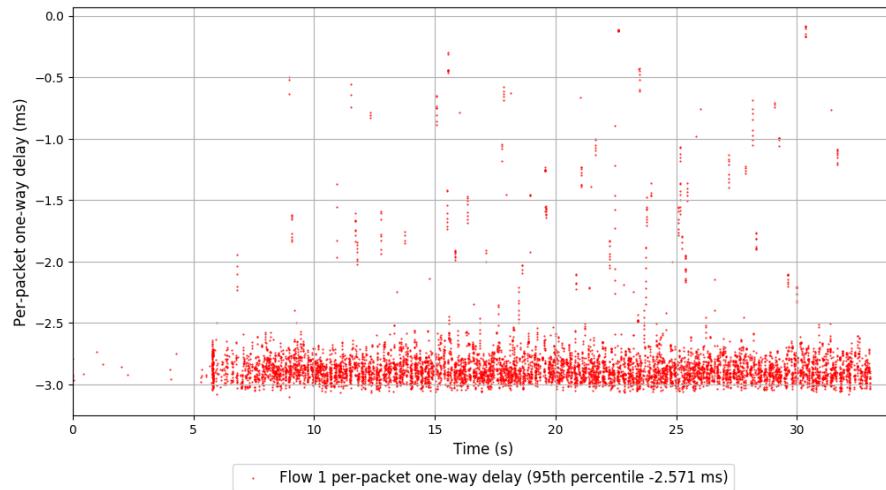
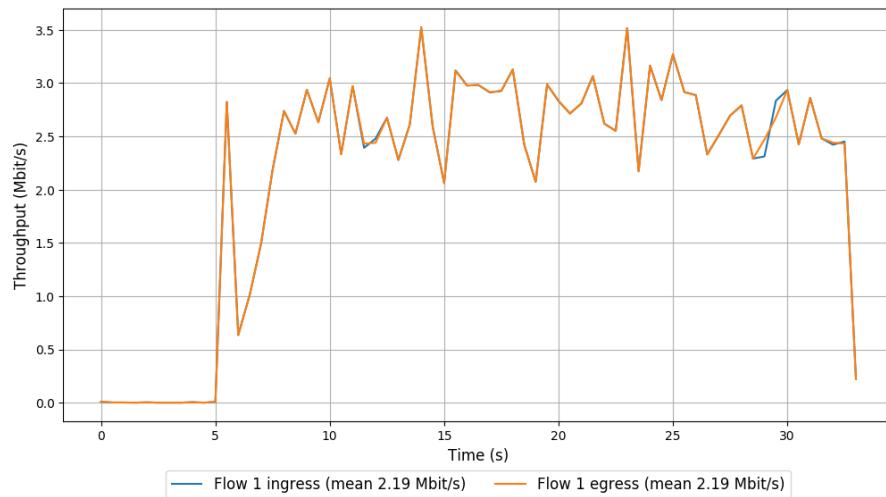
-- Flow 1:

Average throughput: 2.19 Mbit/s

95th percentile per-packet one-way delay: -2.571 ms

Loss rate: 0.00%

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

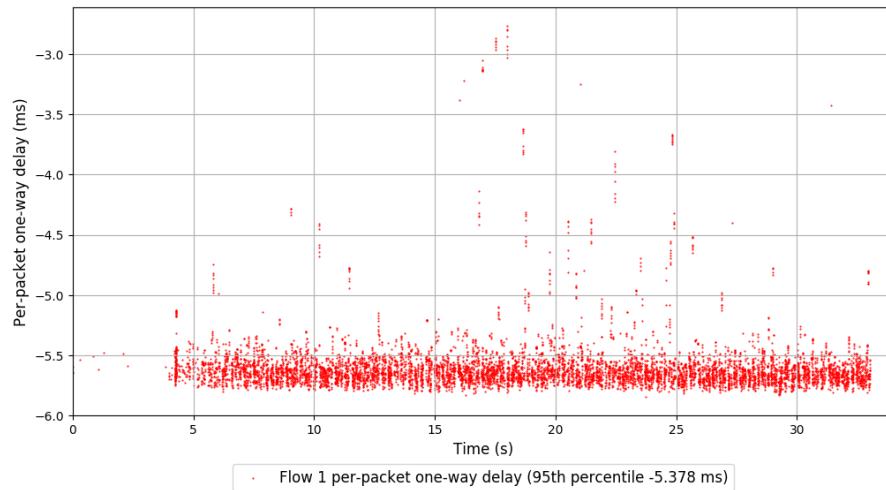
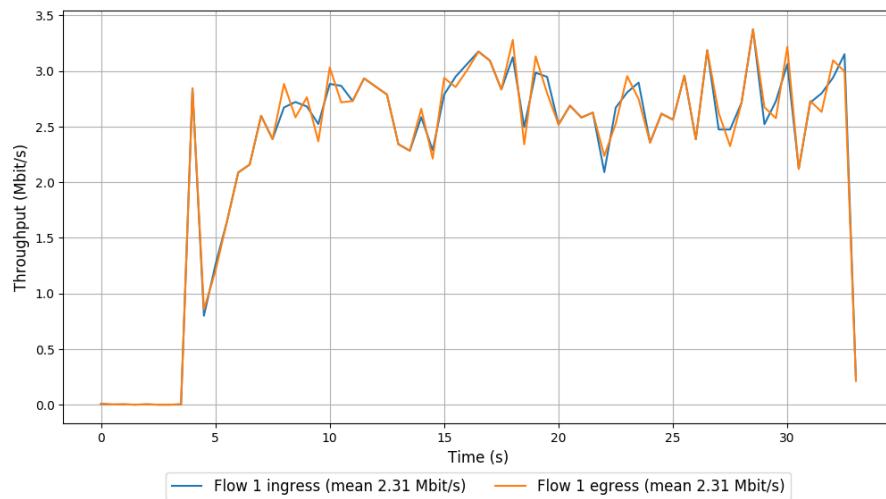


Run 8: Statistics of WebRTC media

```
Start at: Fri, 16 Jun 2017 04:53:12 +0000
End at: Fri, 16 Jun 2017 04:53:42 +0000
Local clock offset: 3.652 ms
Remote clock offset: -3.036 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:08:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: -5.378 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: -5.378 ms
Loss rate: 0.00%
```

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

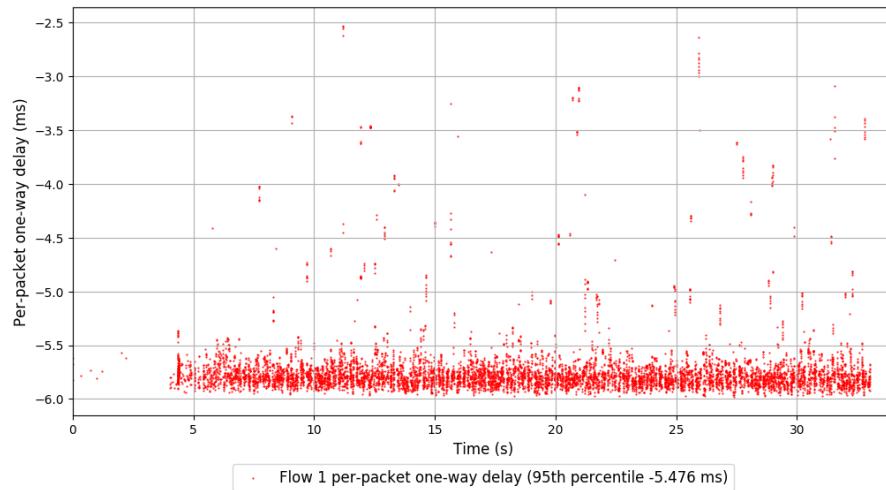
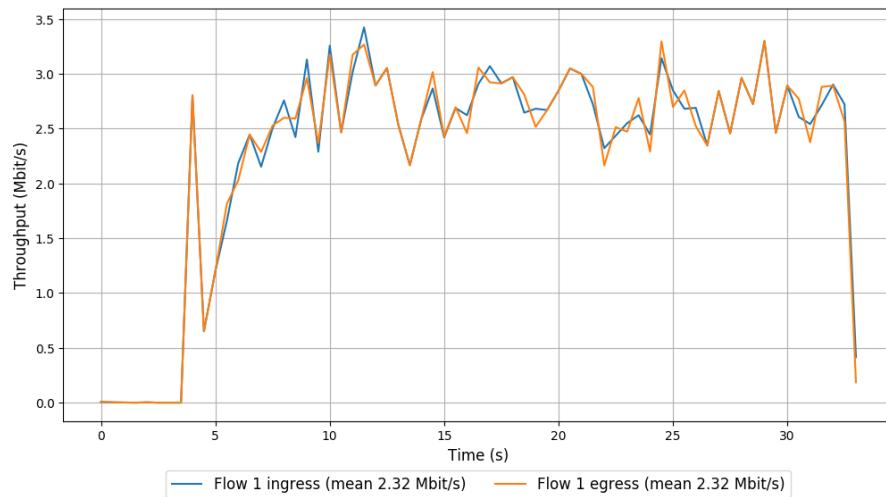


Run 9: Statistics of WebRTC media

```
Start at: Fri, 16 Jun 2017 05:12:09 +0000
End at: Fri, 16 Jun 2017 05:12:39 +0000
Local clock offset: 4.386 ms
Remote clock offset: -2.587 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:08:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: -5.476 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: -5.476 ms
Loss rate: 0.15%
```

Run 9: Report of WebRTC media — Data Link



```
Run 10: Statistics of WebRTC media

Start at: Fri, 16 Jun 2017 05:30:16 +0000
End at: Fri, 16 Jun 2017 05:30:47 +0000
Local clock offset: 5.624 ms
Remote clock offset: -2.152 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 08:08:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: -6.389 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: -6.389 ms
Loss rate: 0.34%
```

Run 10: Report of WebRTC media — Data Link

