

**Pantheon Summary** (Generated at Wed, 05 Jul 2017 13:34:36 +0000 with  
pantheon version 767a95bcc95d67bd77e69c0f8bc9320c1ad3146b)

Repeated the test of 15 congestion control schemes 10 times.

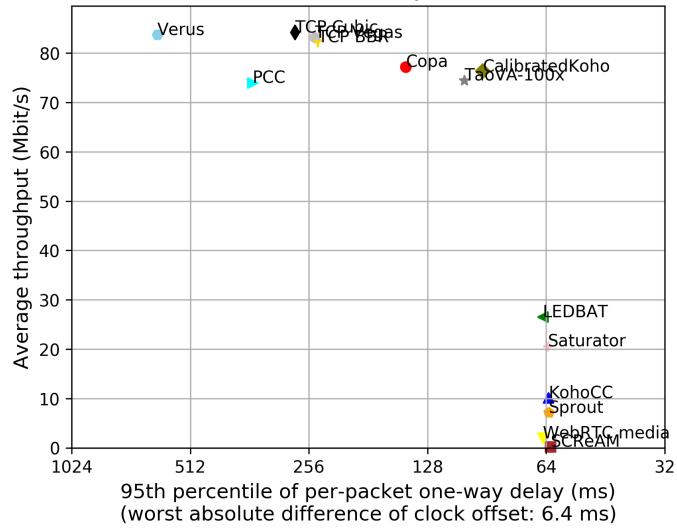
Each test lasted for 30 seconds running 1 flow.

Data path **from** AWS Brazil 2 Ethernet **to** Colombia Ethernet.

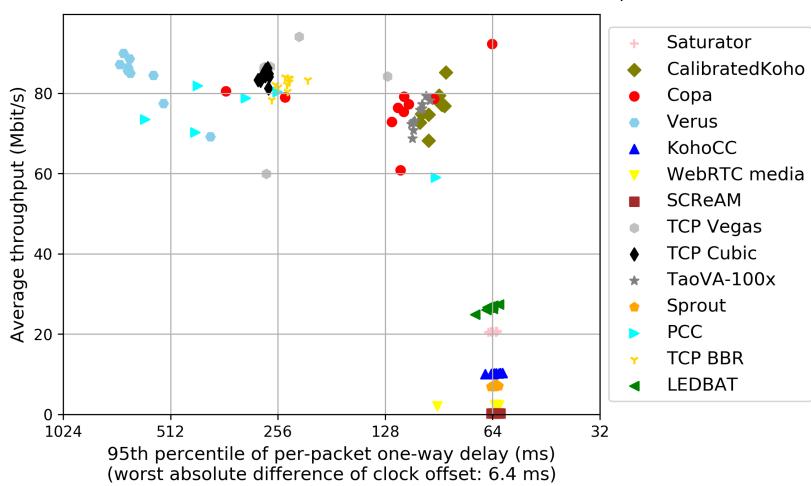
NTP offset measured against gps.ntp.br.

```
git branch: master @ 767a95bcc95d67bd77e69c0f8bc9320c1ad3146b
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 @ c792f8e8e0704b1646a0e024766675d8e9a835f1
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
M receiver/src/buffer.h
M receiver/src/core.cpp
M sender/src/buffer.h
M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaeeb30b267cde681
third_party/sprout @ 6f2efef6e088d91066a9f023df375eee2665089ce
M src/examples/cellsim.cc
M src/examples/sproutbt2.cc
M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
M src/verus.hpp
M tools/plot.py
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

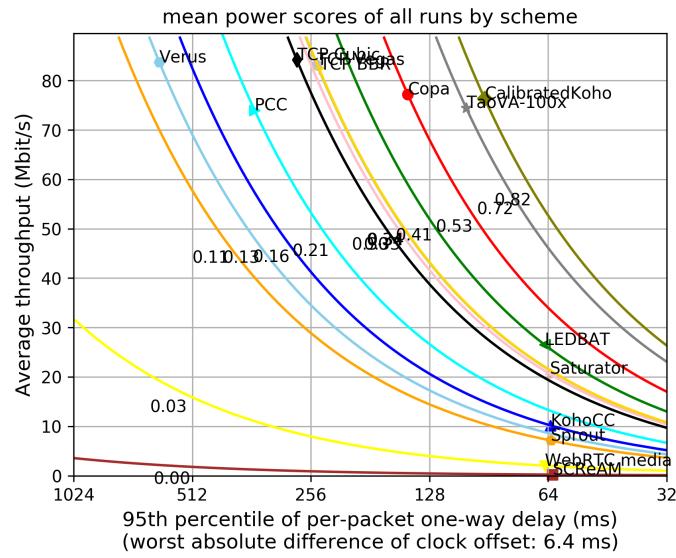
test from AWS Brazil 2 Ethernet to Colombia Ethernet, 10 runs of 30s each per scheme  
(mean of all runs by scheme)



test from AWS Brazil 2 Ethernet to Colombia Ethernet, 10 runs of 30s each per scheme



test from AWS Brazil 2 Ethernet to Colombia Ethernet, 10 runs of 30s each per scheme

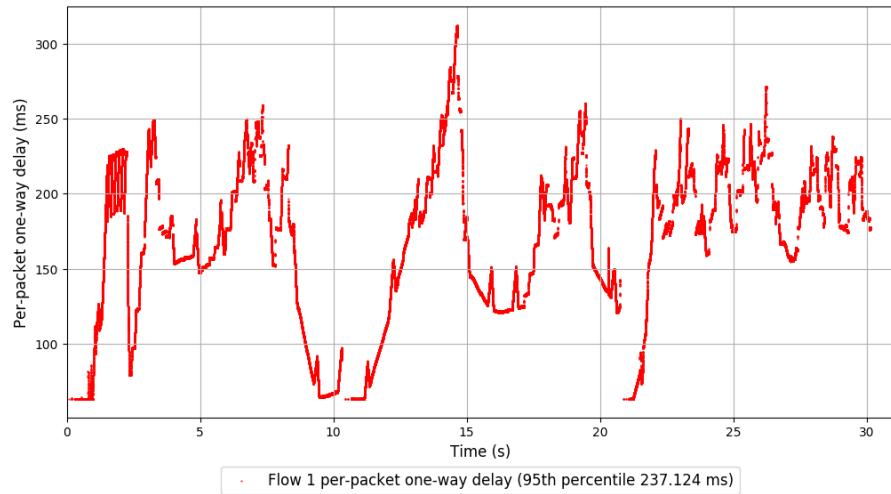
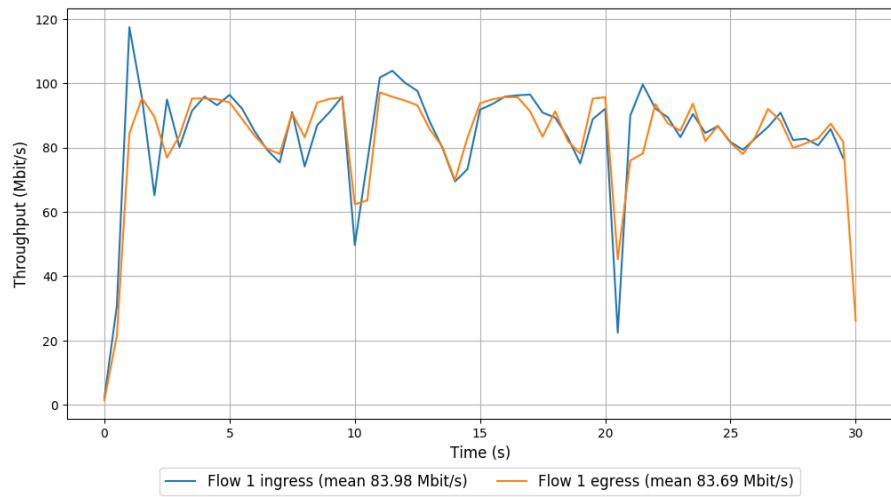


Run 1: Statistics of TCP BBR

```
Start at: Wed, 05 Jul 2017 07:19:38 +0000
End at: Wed, 05 Jul 2017 07:20:08 +0000
Local clock offset: 0.259 ms
Remote clock offset: -5.796 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:25:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.69 Mbit/s
95th percentile per-packet one-way delay: 237.124 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 83.69 Mbit/s
95th percentile per-packet one-way delay: 237.124 ms
Loss rate: 0.00%
```

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

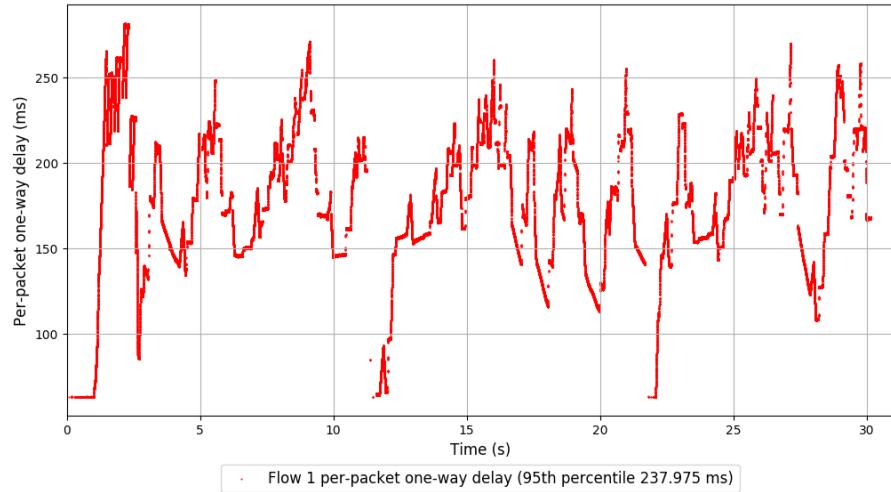
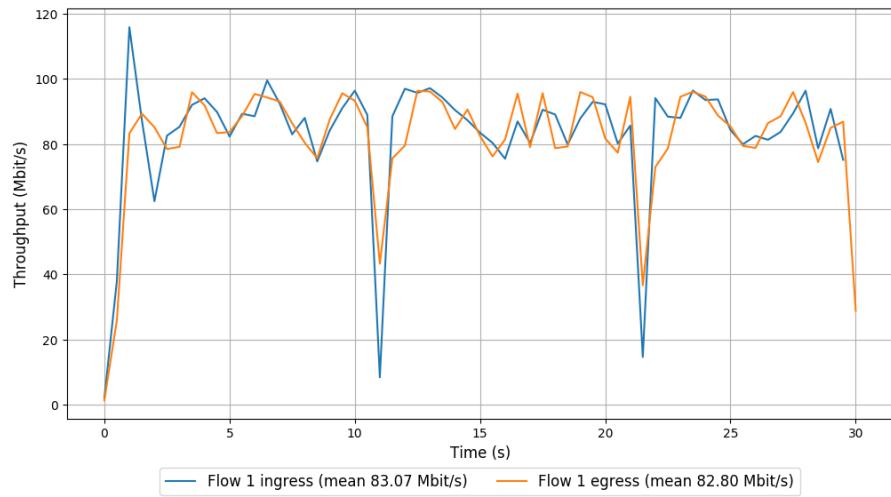


Run 2: Statistics of TCP BBR

```
Start at: Wed, 05 Jul 2017 07:37:12 +0000
End at: Wed, 05 Jul 2017 07:37:42 +0000
Local clock offset: 0.263 ms
Remote clock offset: -5.946 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:25:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.80 Mbit/s
95th percentile per-packet one-way delay: 237.975 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 82.80 Mbit/s
95th percentile per-packet one-way delay: 237.975 ms
Loss rate: 0.00%
```

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

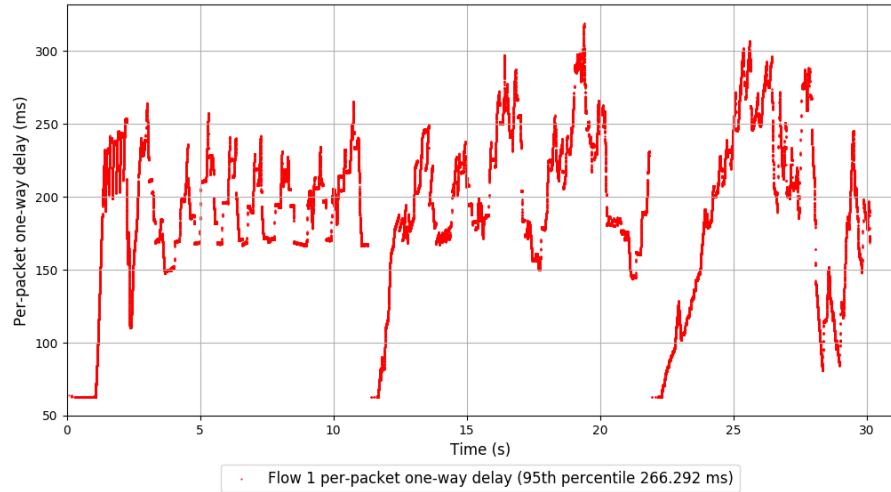
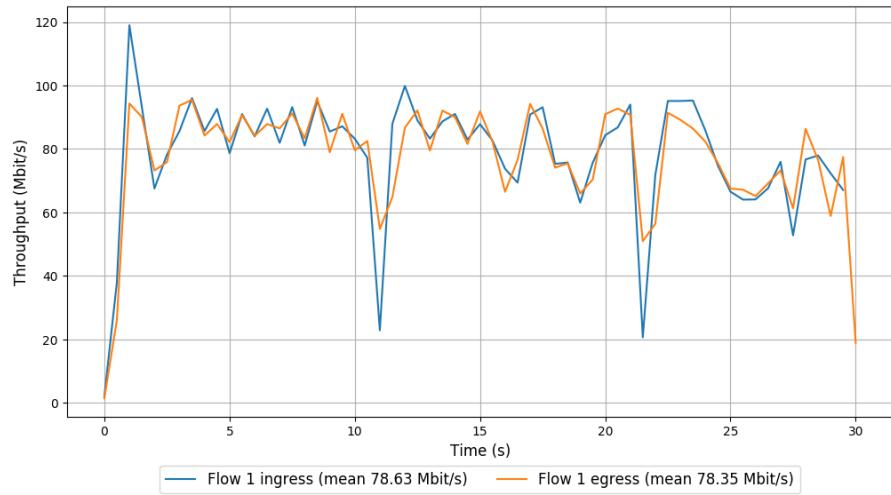


Run 3: Statistics of TCP BBR

```
Start at: Wed, 05 Jul 2017 07:54:42 +0000
End at: Wed, 05 Jul 2017 07:55:12 +0000
Local clock offset: 0.168 ms
Remote clock offset: -4.732 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:25:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.35 Mbit/s
95th percentile per-packet one-way delay: 266.292 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 78.35 Mbit/s
95th percentile per-packet one-way delay: 266.292 ms
Loss rate: 0.00%
```

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

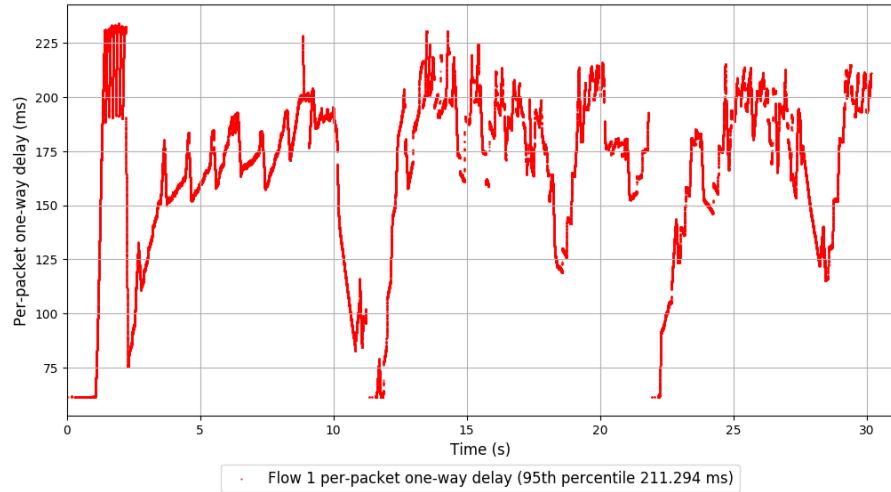
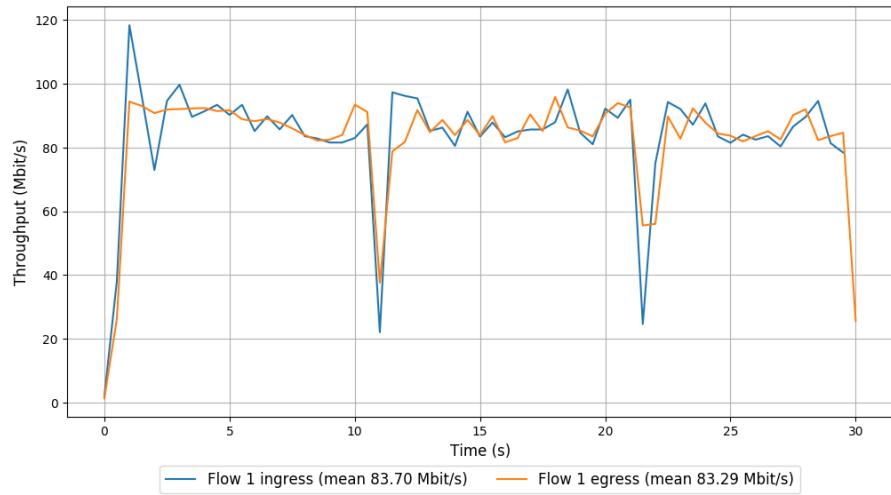


Run 4: Statistics of TCP BBR

```
Start at: Wed, 05 Jul 2017 08:12:20 +0000
End at: Wed, 05 Jul 2017 08:12:50 +0000
Local clock offset: 0.198 ms
Remote clock offset: -4.106 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:25:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.29 Mbit/s
95th percentile per-packet one-way delay: 211.294 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 83.29 Mbit/s
95th percentile per-packet one-way delay: 211.294 ms
Loss rate: 0.00%
```

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

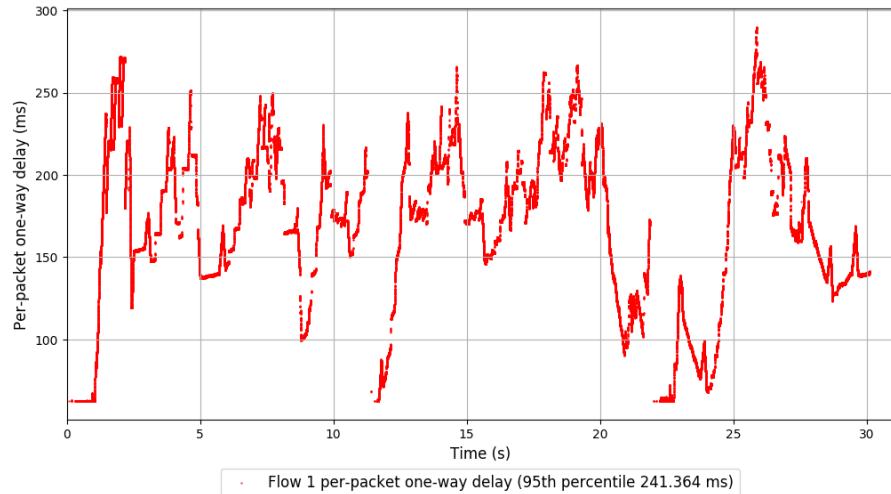
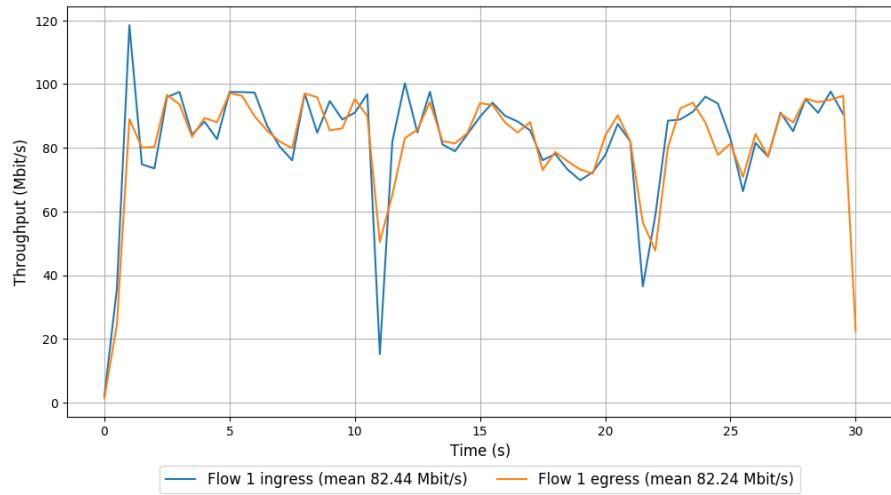


Run 5: Statistics of TCP BBR

```
Start at: Wed, 05 Jul 2017 08:29:51 +0000
End at: Wed, 05 Jul 2017 08:30:21 +0000
Local clock offset: 0.29 ms
Remote clock offset: -4.121 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:25:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.24 Mbit/s
95th percentile per-packet one-way delay: 241.364 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 82.24 Mbit/s
95th percentile per-packet one-way delay: 241.364 ms
Loss rate: 0.00%
```

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

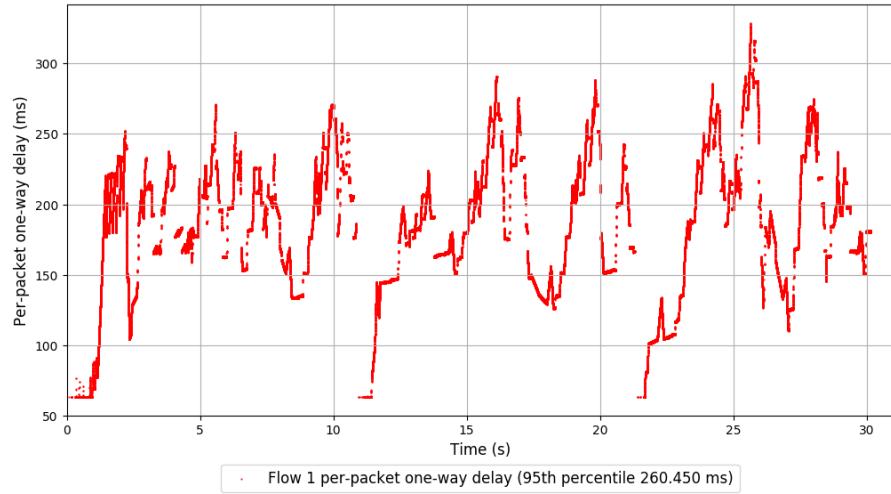
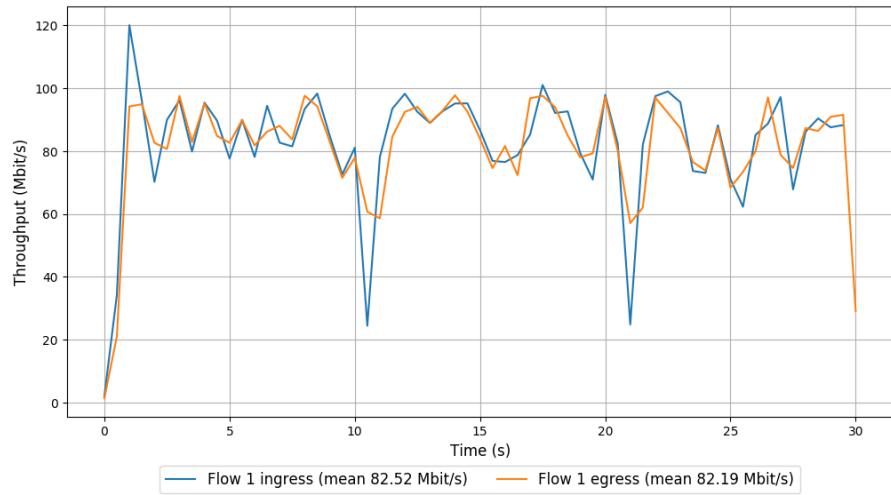


Run 6: Statistics of TCP BBR

```
Start at: Wed, 05 Jul 2017 08:47:19 +0000
End at: Wed, 05 Jul 2017 08:47:49 +0000
Local clock offset: 0.268 ms
Remote clock offset: -5.02 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:25:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.19 Mbit/s
95th percentile per-packet one-way delay: 260.450 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 82.19 Mbit/s
95th percentile per-packet one-way delay: 260.450 ms
Loss rate: 0.00%
```

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

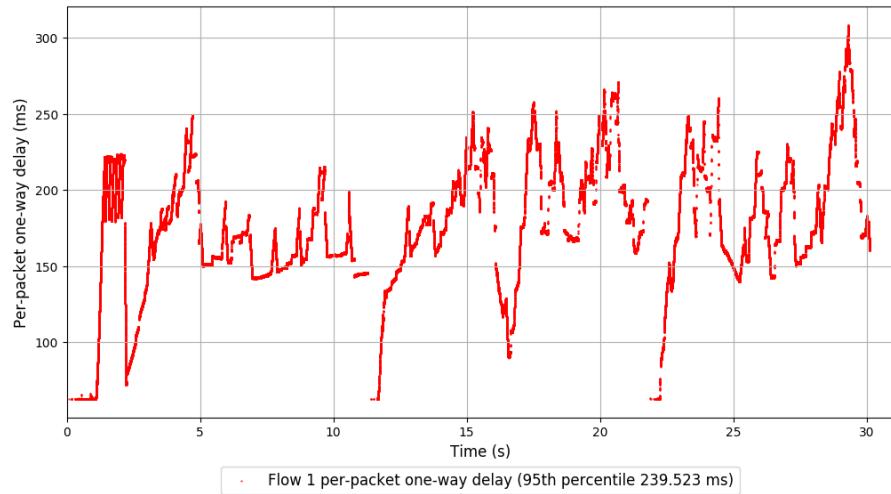
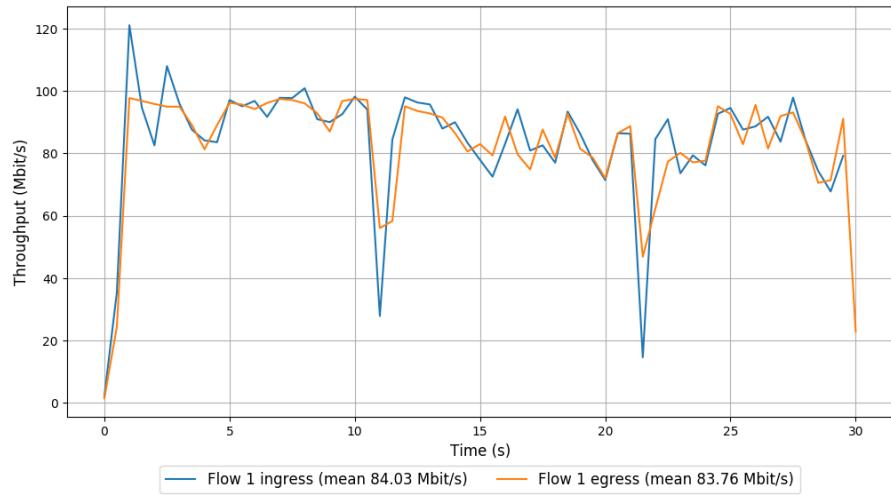


Run 7: Statistics of TCP BBR

```
Start at: Wed, 05 Jul 2017 09:04:48 +0000
End at: Wed, 05 Jul 2017 09:05:18 +0000
Local clock offset: 0.293 ms
Remote clock offset: -4.335 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:25:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.76 Mbit/s
95th percentile per-packet one-way delay: 239.523 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 83.76 Mbit/s
95th percentile per-packet one-way delay: 239.523 ms
Loss rate: 0.00%
```

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

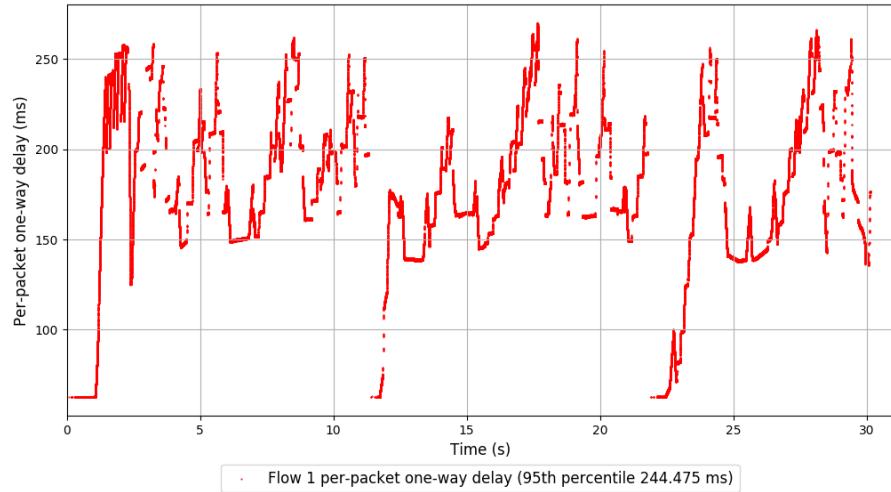
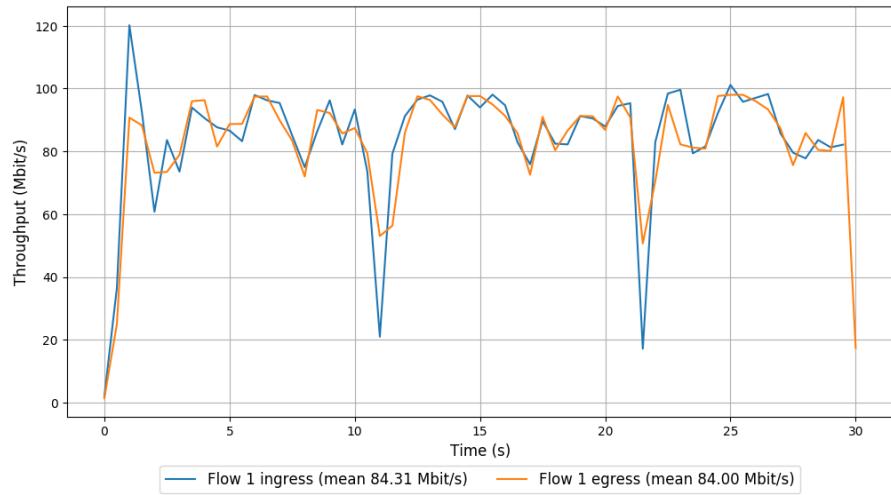


Run 8: Statistics of TCP BBR

```
Start at: Wed, 05 Jul 2017 09:22:20 +0000
End at: Wed, 05 Jul 2017 09:22:50 +0000
Local clock offset: 0.303 ms
Remote clock offset: -4.067 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:25:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.00 Mbit/s
95th percentile per-packet one-way delay: 244.475 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 84.00 Mbit/s
95th percentile per-packet one-way delay: 244.475 ms
Loss rate: 0.00%
```

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

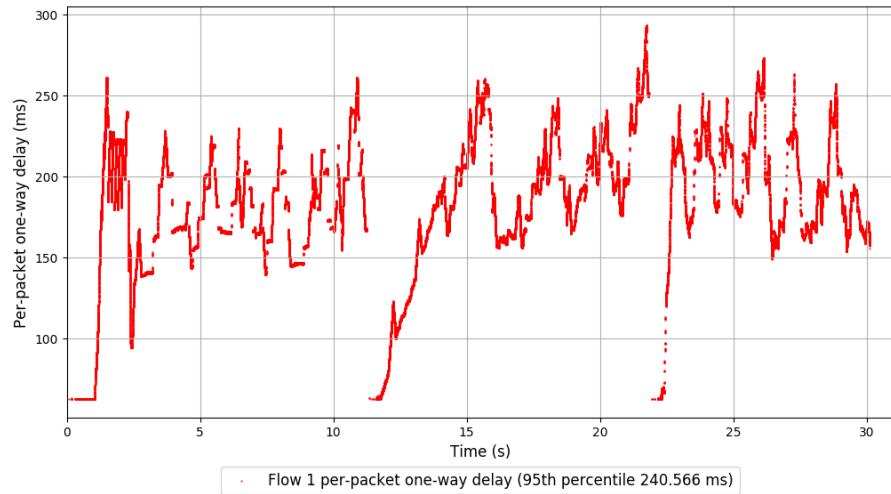
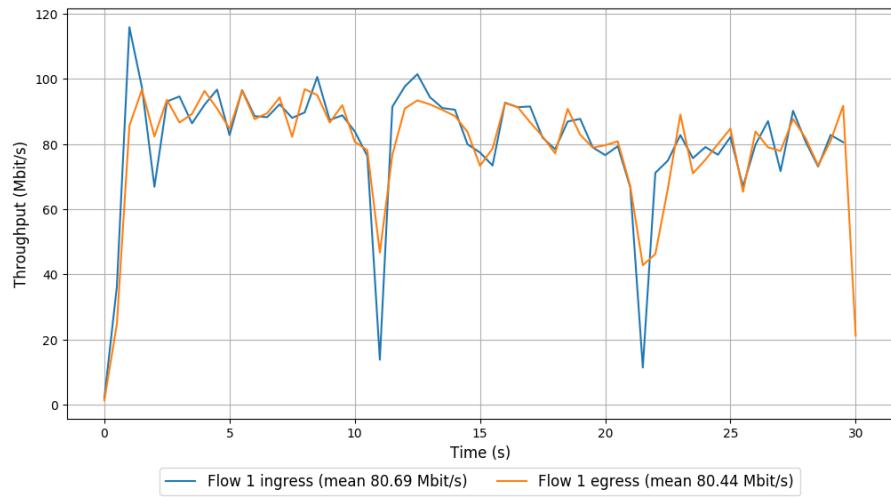


Run 9: Statistics of TCP BBR

```
Start at: Wed, 05 Jul 2017 09:39:49 +0000
End at: Wed, 05 Jul 2017 09:40:19 +0000
Local clock offset: 0.336 ms
Remote clock offset: -4.195 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:26:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.44 Mbit/s
95th percentile per-packet one-way delay: 240.566 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 80.44 Mbit/s
95th percentile per-packet one-way delay: 240.566 ms
Loss rate: 0.00%
```

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

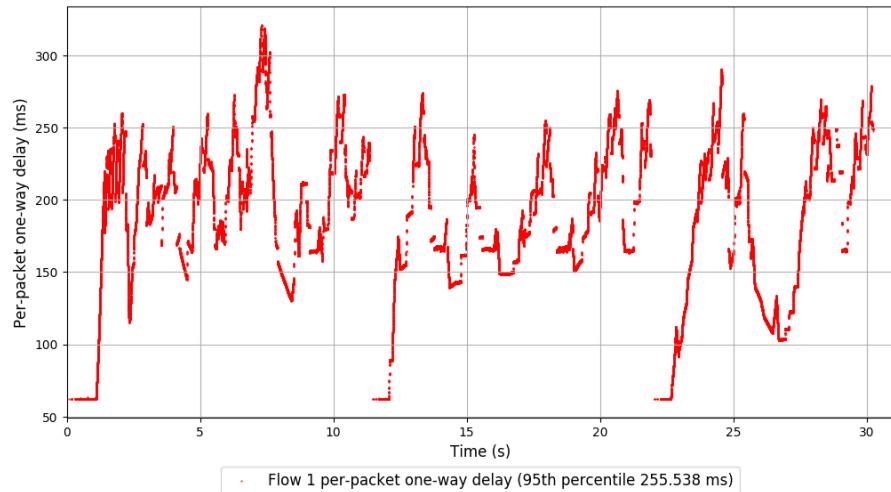
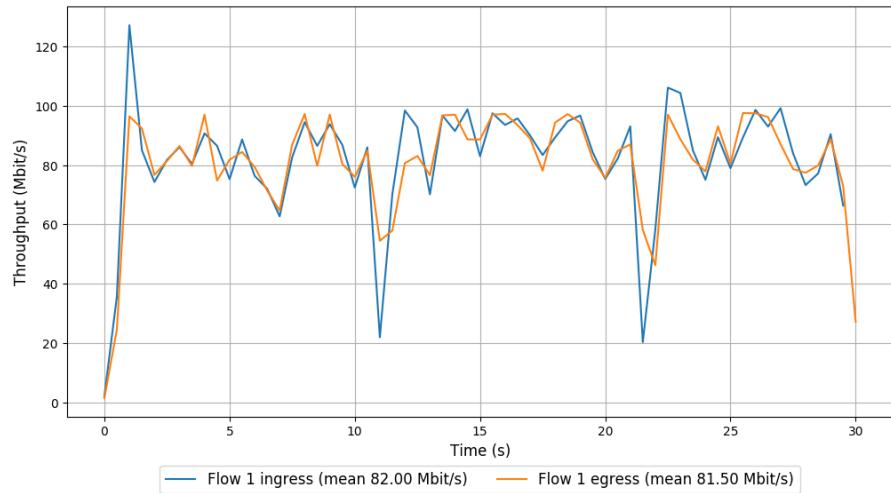


Run 10: Statistics of TCP BBR

```
Start at: Wed, 05 Jul 2017 09:57:22 +0000
End at: Wed, 05 Jul 2017 09:57:52 +0000
Local clock offset: 0.3 ms
Remote clock offset: -3.277 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:26:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.50 Mbit/s
95th percentile per-packet one-way delay: 255.538 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 81.50 Mbit/s
95th percentile per-packet one-way delay: 255.538 ms
Loss rate: 0.00%
```

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



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

```
Start at: Wed, 05 Jul 2017 07:27:56 +0000
```

```
End at: Wed, 05 Jul 2017 07:28:26 +0000
```

```
Local clock offset: 0.266 ms
```

```
Remote clock offset: -5.94 ms
```

```
# Below is generated by plot.py at Wed, 05 Jul 2017 13:26:14 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 72.75 Mbit/s
```

```
95th percentile per-packet one-way delay: 102.409 ms
```

```
Loss rate: 0.00%
```

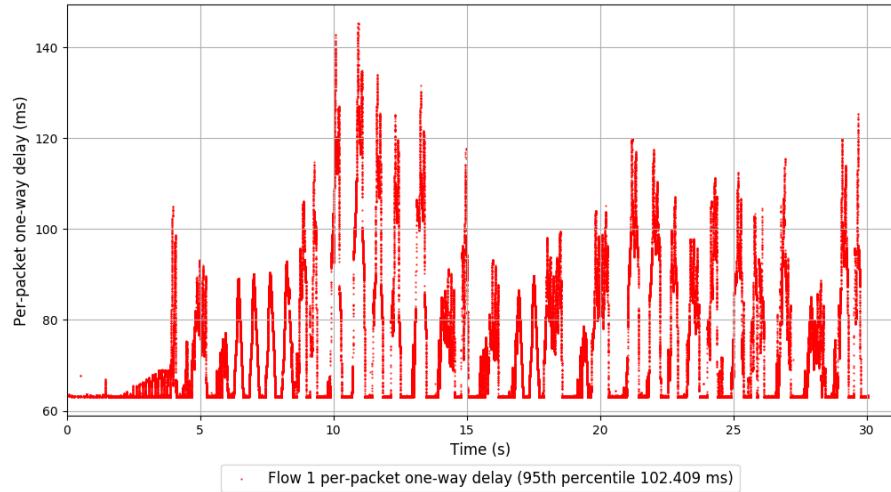
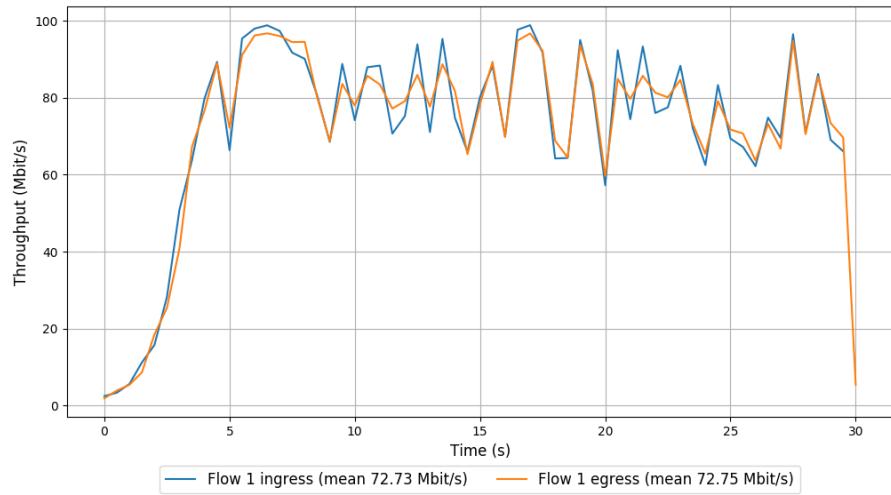
```
-- Flow 1:
```

```
Average throughput: 72.75 Mbit/s
```

```
95th percentile per-packet one-way delay: 102.409 ms
```

```
Loss rate: 0.00%
```

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



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

```
Start at: Wed, 05 Jul 2017 07:45:30 +0000
```

```
End at: Wed, 05 Jul 2017 07:46:00 +0000
```

```
Local clock offset: 0.273 ms
```

```
Remote clock offset: -5.251 ms
```

```
# Below is generated by plot.py at Wed, 05 Jul 2017 13:26:14 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 68.18 Mbit/s
```

```
95th percentile per-packet one-way delay: 96.804 ms
```

```
Loss rate: 0.00%
```

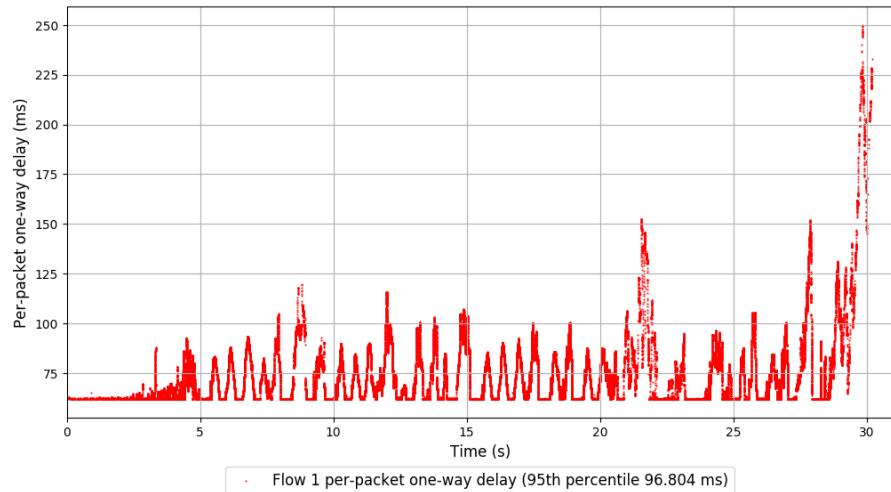
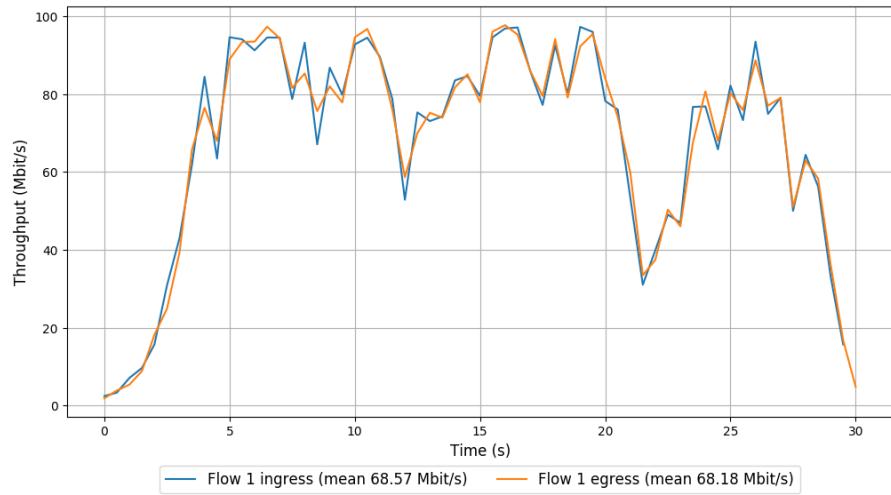
```
-- Flow 1:
```

```
Average throughput: 68.18 Mbit/s
```

```
95th percentile per-packet one-way delay: 96.804 ms
```

```
Loss rate: 0.00%
```

## Run 2: Report of CalibratedKoho — Data Link

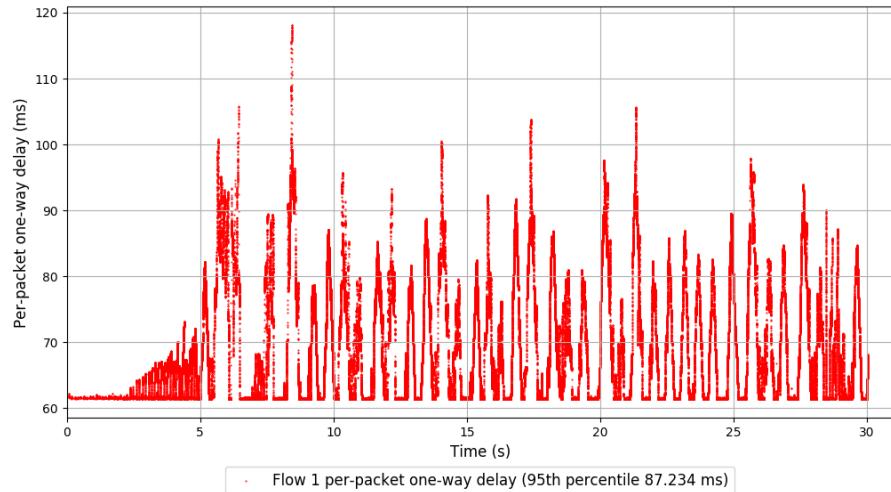
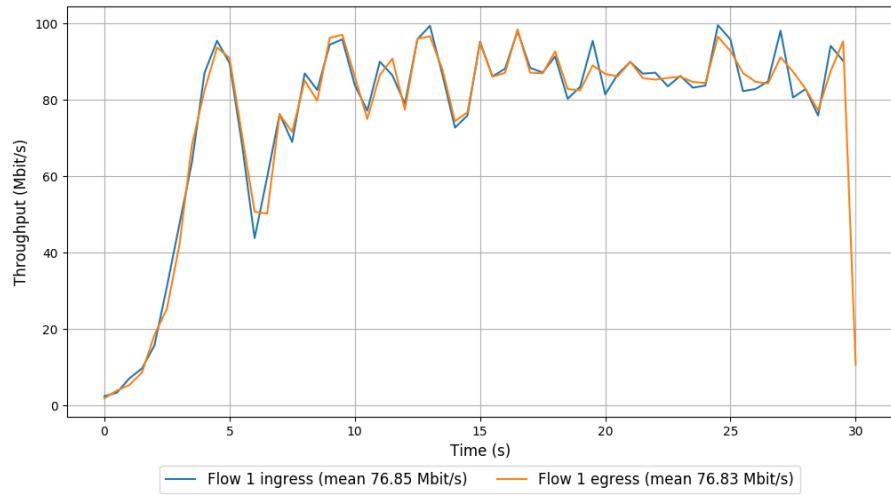


```
Run 3: Statistics of CalibratedKoho
```

```
Start at: Wed, 05 Jul 2017 08:03:00 +0000
End at: Wed, 05 Jul 2017 08:03:30 +0000
Local clock offset: 0.289 ms
Remote clock offset: -4.758 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:26:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.83 Mbit/s
95th percentile per-packet one-way delay: 87.234 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 76.83 Mbit/s
95th percentile per-packet one-way delay: 87.234 ms
Loss rate: 0.00%
```

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

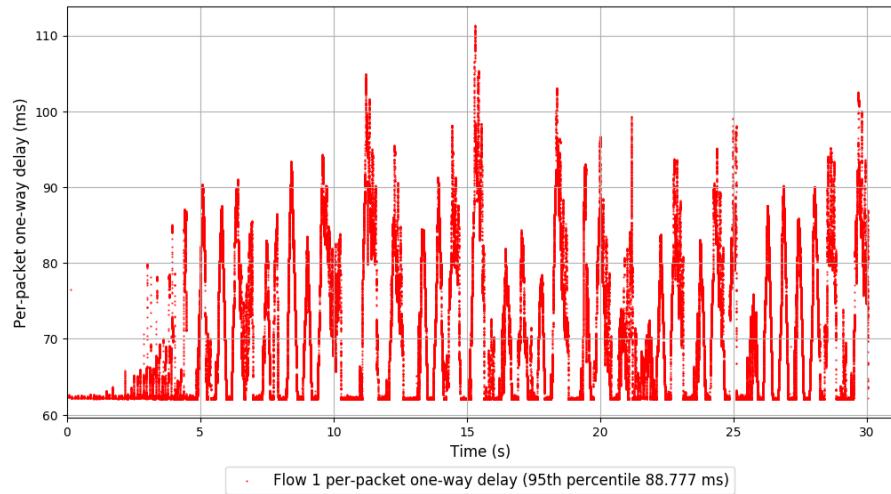
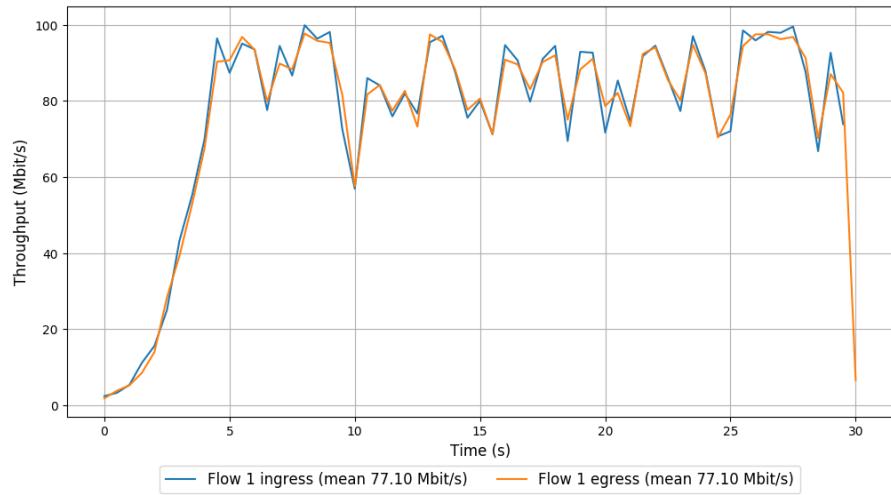


```
Run 4: Statistics of CalibratedKoho
```

```
Start at: Wed, 05 Jul 2017 08:20:37 +0000
End at: Wed, 05 Jul 2017 08:21:07 +0000
Local clock offset: 0.246 ms
Remote clock offset: -4.117 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:26:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.10 Mbit/s
95th percentile per-packet one-way delay: 88.777 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 77.10 Mbit/s
95th percentile per-packet one-way delay: 88.777 ms
Loss rate: 0.00%
```

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



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

```
Start at: Wed, 05 Jul 2017 08:38:07 +0000
```

```
End at: Wed, 05 Jul 2017 08:38:37 +0000
```

```
Local clock offset: 0.286 ms
```

```
Remote clock offset: -4.573 ms
```

```
# Below is generated by plot.py at Wed, 05 Jul 2017 13:26:36 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 74.66 Mbit/s
```

```
95th percentile per-packet one-way delay: 96.636 ms
```

```
Loss rate: 0.00%
```

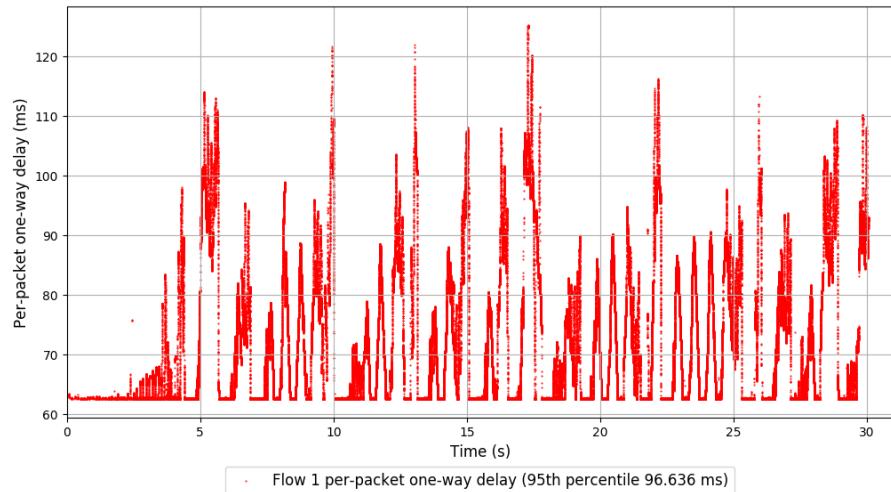
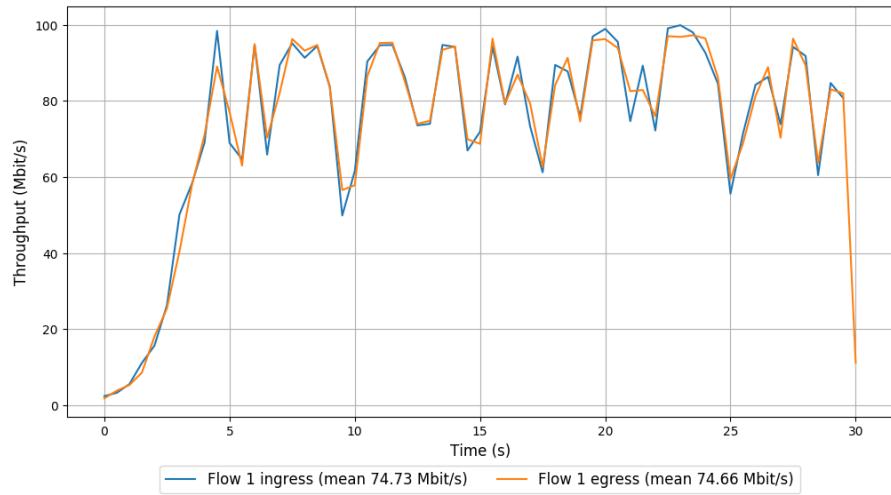
```
-- Flow 1:
```

```
Average throughput: 74.66 Mbit/s
```

```
95th percentile per-packet one-way delay: 96.636 ms
```

```
Loss rate: 0.00%
```

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

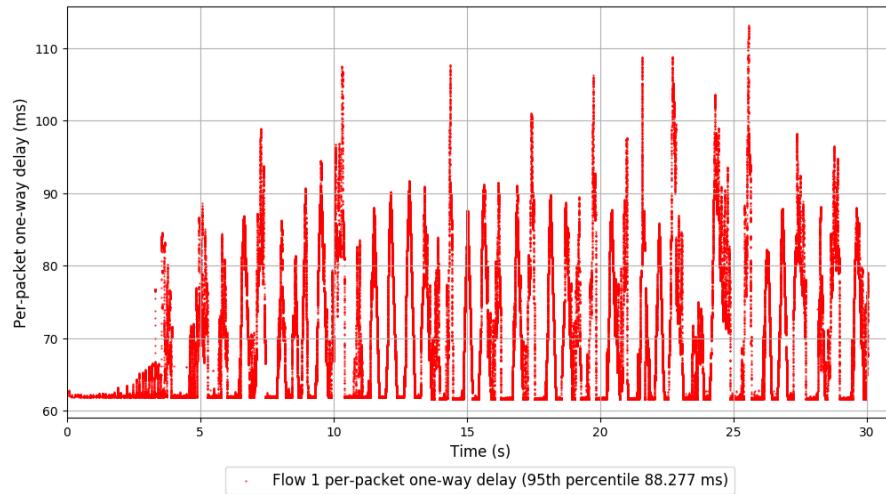
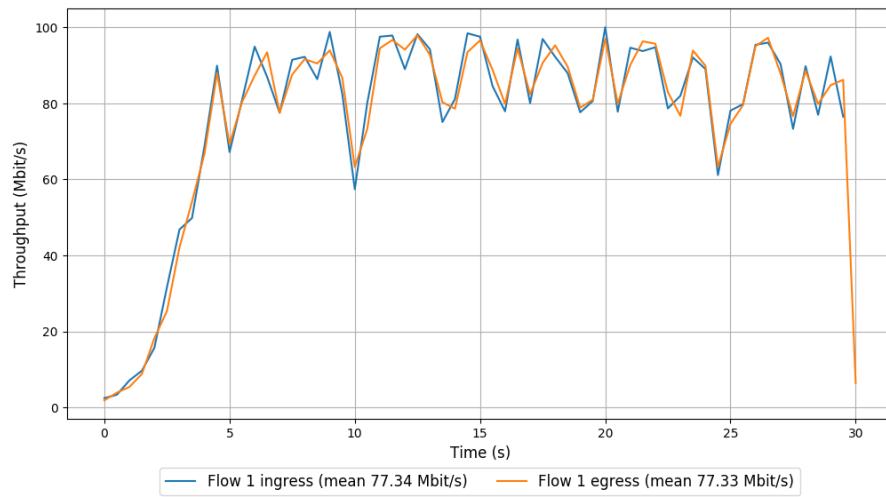


```
Run 6: Statistics of CalibratedKoho
```

```
Start at: Wed, 05 Jul 2017 08:55:37 +0000
End at: Wed, 05 Jul 2017 08:56:07 +0000
Local clock offset: 0.257 ms
Remote clock offset: -4.728 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:26:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.33 Mbit/s
95th percentile per-packet one-way delay: 88.277 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 77.33 Mbit/s
95th percentile per-packet one-way delay: 88.277 ms
Loss rate: 0.00%
```

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



Run 7: Statistics of CalibratedKoho

Start at: Wed, 05 Jul 2017 09:13:06 +0000

End at: Wed, 05 Jul 2017 09:13:36 +0000

Local clock offset: 0.244 ms

Remote clock offset: -4.621 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:26:46 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 74.84 Mbit/s

95th percentile per-packet one-way delay: 101.189 ms

Loss rate: 0.00%

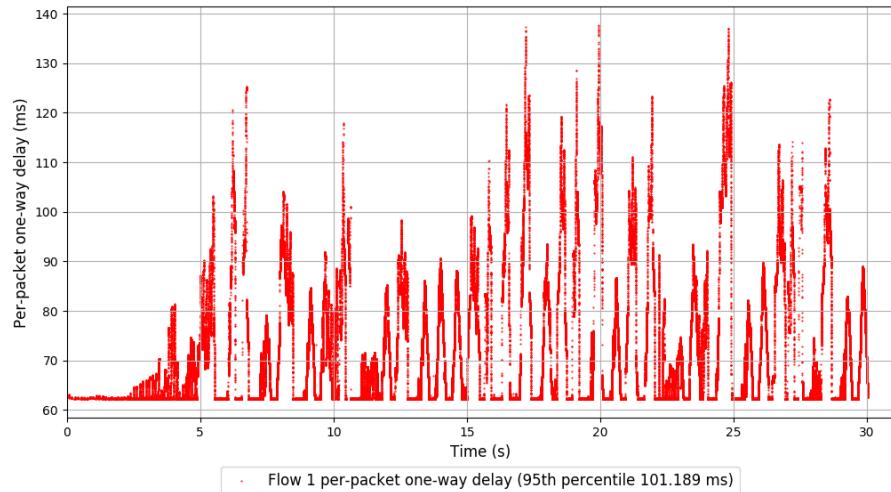
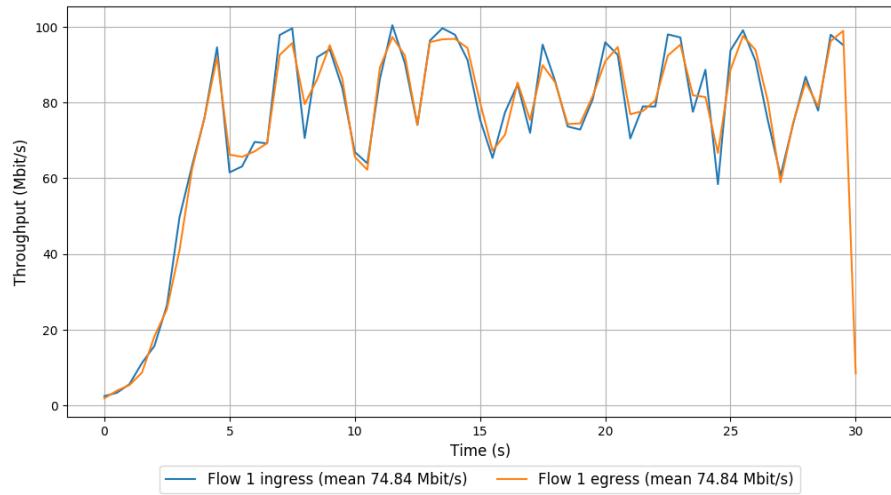
-- Flow 1:

Average throughput: 74.84 Mbit/s

95th percentile per-packet one-way delay: 101.189 ms

Loss rate: 0.00%

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



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

```
Start at: Wed, 05 Jul 2017 09:30:36 +0000
```

```
End at: Wed, 05 Jul 2017 09:31:06 +0000
```

```
Local clock offset: 0.352 ms
```

```
Remote clock offset: -4.047 ms
```

```
# Below is generated by plot.py at Wed, 05 Jul 2017 13:26:47 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 79.41 Mbit/s
```

```
95th percentile per-packet one-way delay: 90.514 ms
```

```
Loss rate: 0.01%
```

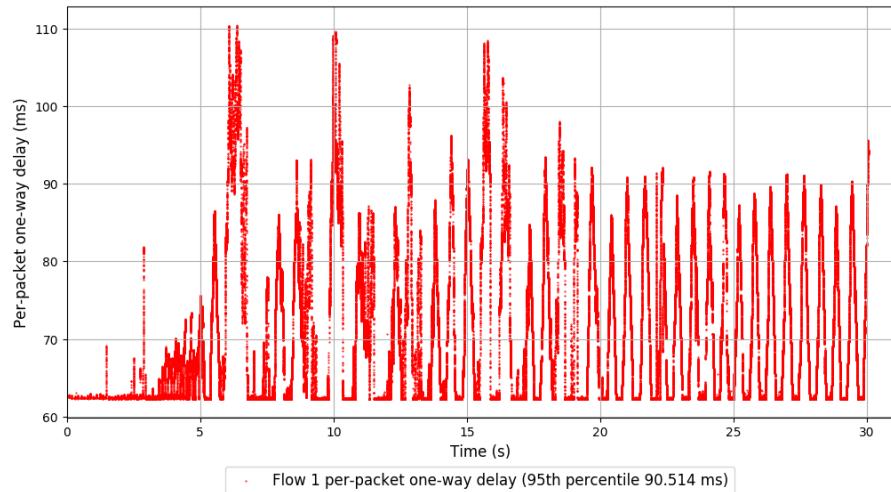
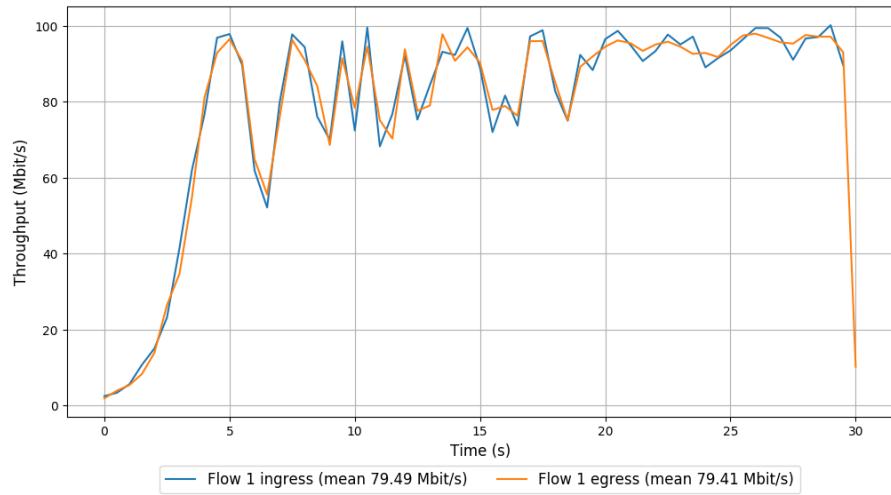
```
-- Flow 1:
```

```
Average throughput: 79.41 Mbit/s
```

```
95th percentile per-packet one-way delay: 90.514 ms
```

```
Loss rate: 0.01%
```

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



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

```
Start at: Wed, 05 Jul 2017 09:48:07 +0000
```

```
End at: Wed, 05 Jul 2017 09:48:37 +0000
```

```
Local clock offset: 0.334 ms
```

```
Remote clock offset: -3.63 ms
```

```
# Below is generated by plot.py at Wed, 05 Jul 2017 13:26:55 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 77.29 Mbit/s
```

```
95th percentile per-packet one-way delay: 89.086 ms
```

```
Loss rate: 0.00%
```

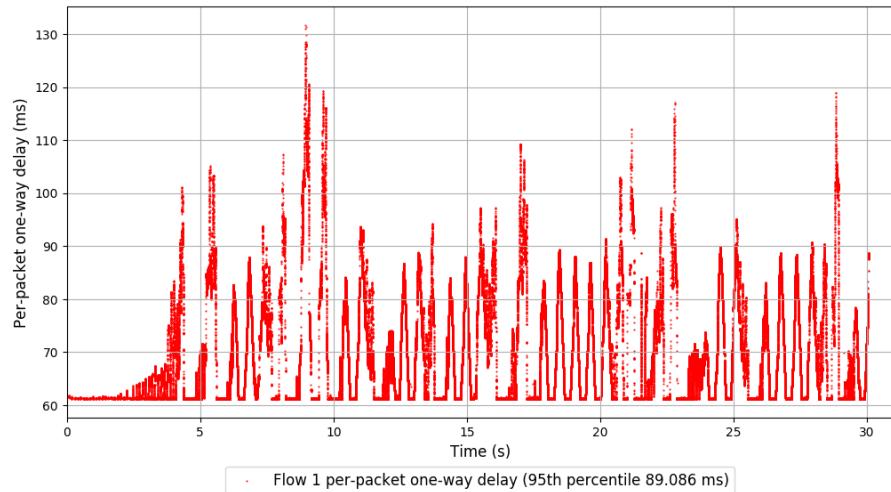
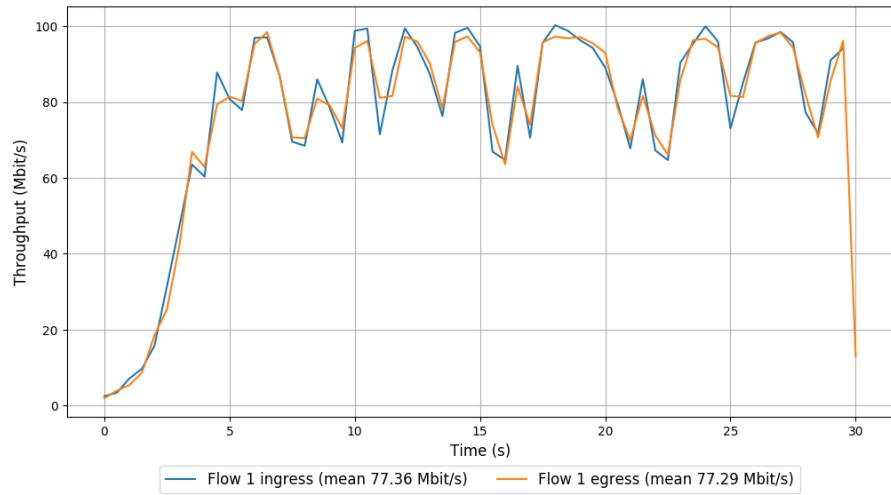
```
-- Flow 1:
```

```
Average throughput: 77.29 Mbit/s
```

```
95th percentile per-packet one-way delay: 89.086 ms
```

```
Loss rate: 0.00%
```

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



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

```
Start at: Wed, 05 Jul 2017 10:05:38 +0000
```

```
End at: Wed, 05 Jul 2017 10:06:08 +0000
```

```
Local clock offset: 0.301 ms
```

```
Remote clock offset: -3.245 ms
```

```
# Below is generated by plot.py at Wed, 05 Jul 2017 13:26:59 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 85.21 Mbit/s
```

```
95th percentile per-packet one-way delay: 86.473 ms
```

```
Loss rate: 0.00%
```

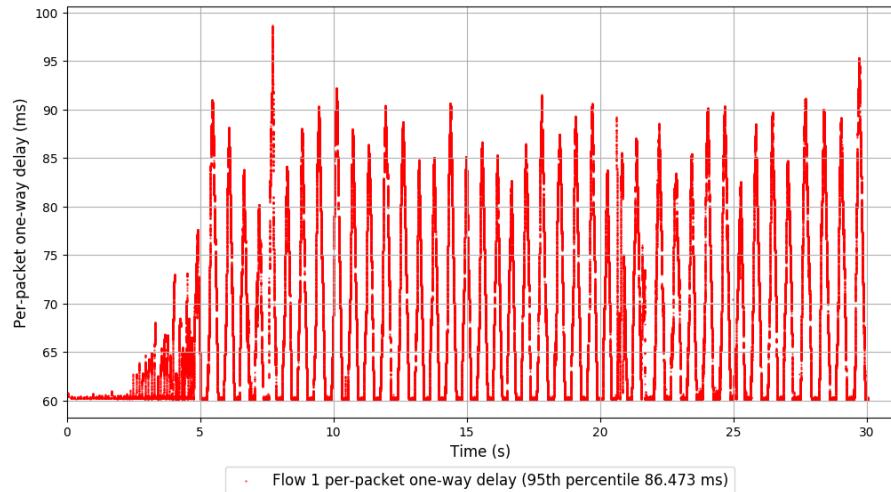
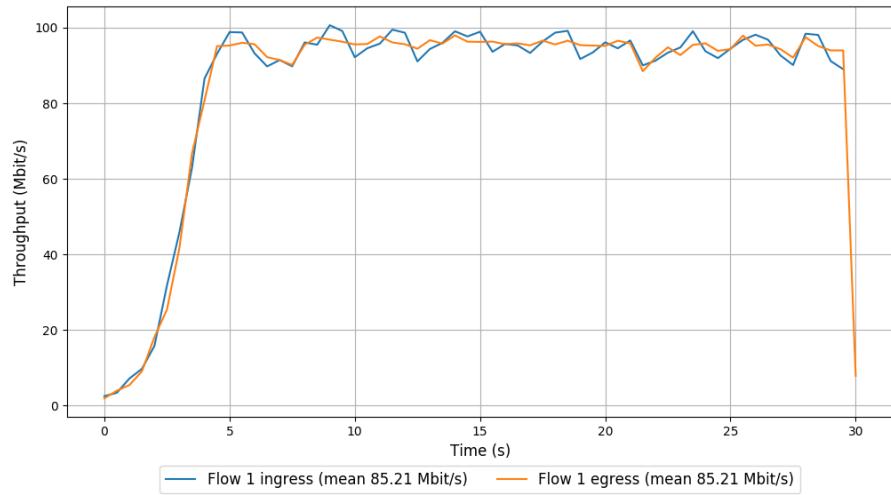
```
-- Flow 1:
```

```
Average throughput: 85.21 Mbit/s
```

```
95th percentile per-packet one-way delay: 86.473 ms
```

```
Loss rate: 0.00%
```

## Run 10: Report of CalibratedKoho — Data Link

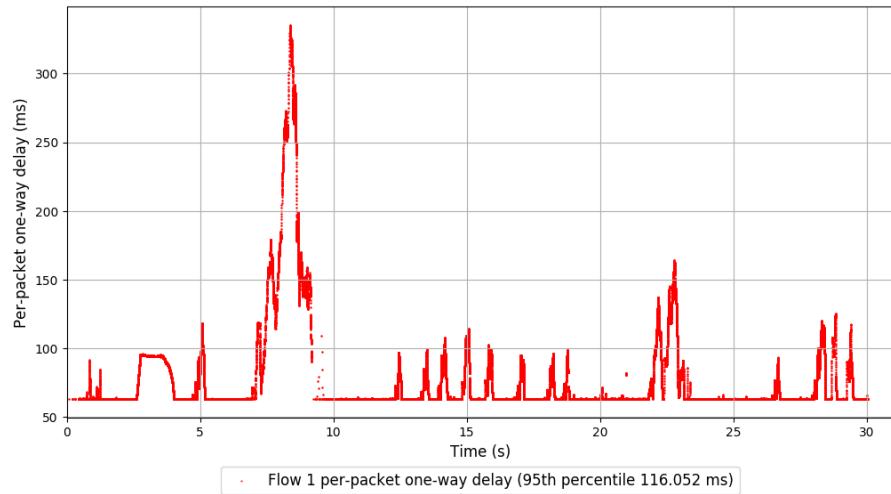
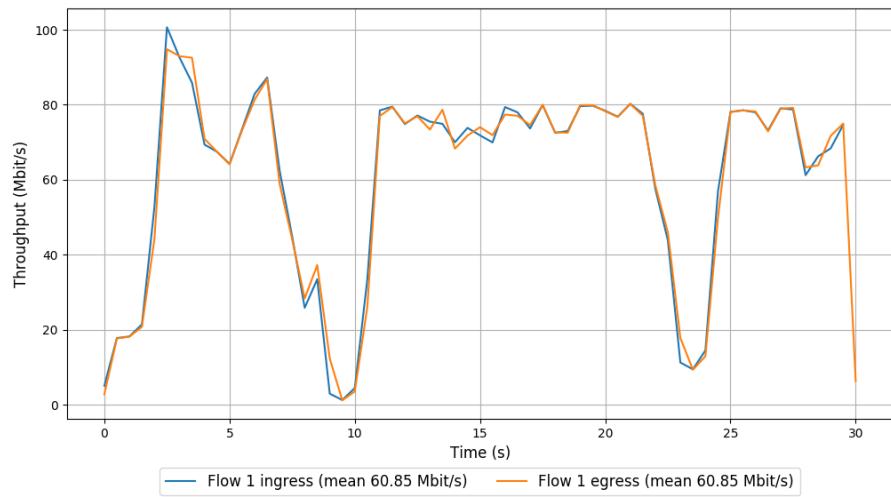


```
Run 1: Statistics of Copa
```

```
Start at: Wed, 05 Jul 2017 07:31:28 +0000
End at: Wed, 05 Jul 2017 07:31:58 +0000
Local clock offset: 0.277 ms
Remote clock offset: -5.794 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:27:09 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 60.85 Mbit/s
95th percentile per-packet one-way delay: 116.052 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 60.85 Mbit/s
95th percentile per-packet one-way delay: 116.052 ms
Loss rate: 0.00%
```

## Run 1: Report of Copa — Data Link

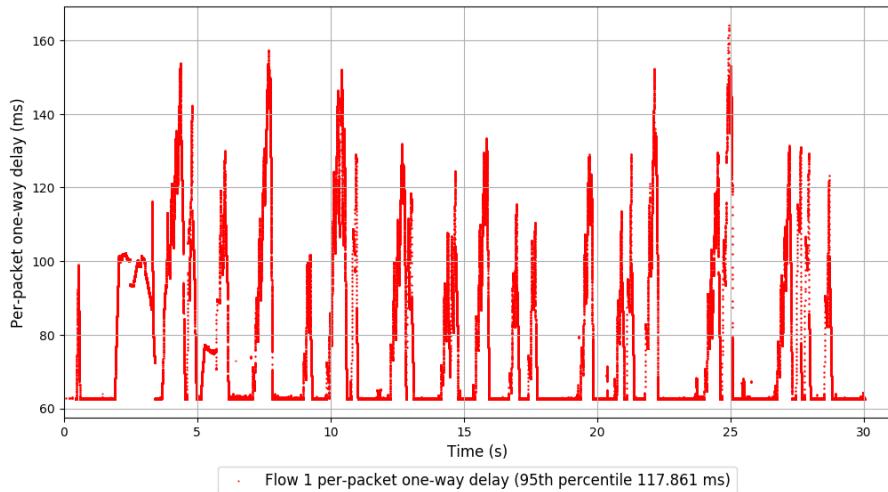
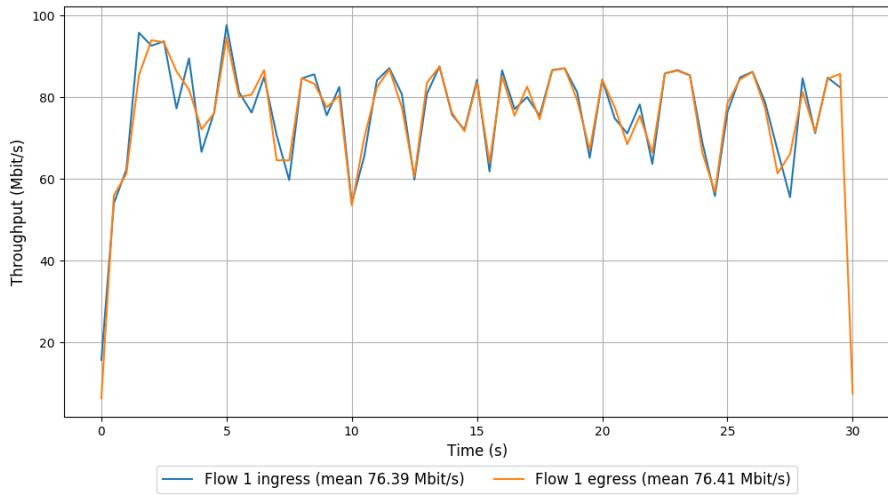


Run 2: Statistics of Copa

```
Start at: Wed, 05 Jul 2017 07:48:55 +0000
End at: Wed, 05 Jul 2017 07:49:25 +0000
Local clock offset: 0.253 ms
Remote clock offset: -4.693 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:27:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.41 Mbit/s
95th percentile per-packet one-way delay: 117.861 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 76.41 Mbit/s
95th percentile per-packet one-way delay: 117.861 ms
Loss rate: 0.00%
```

## Run 2: Report of Copa — Data Link

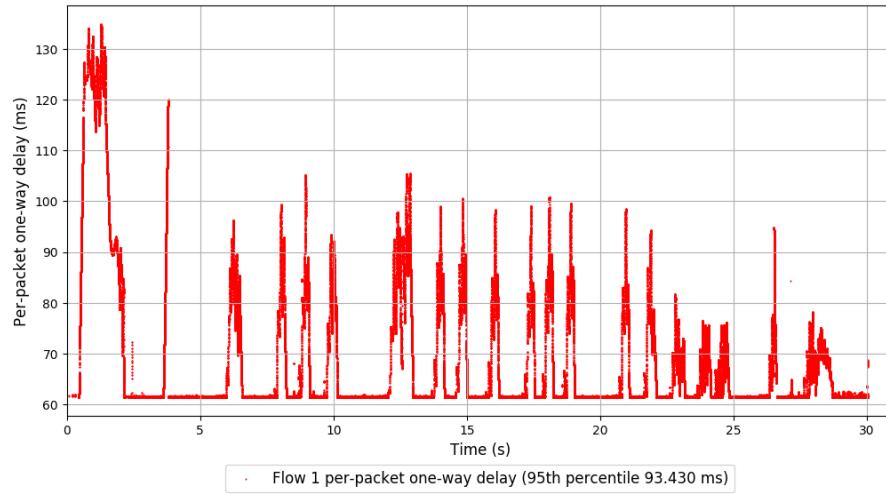
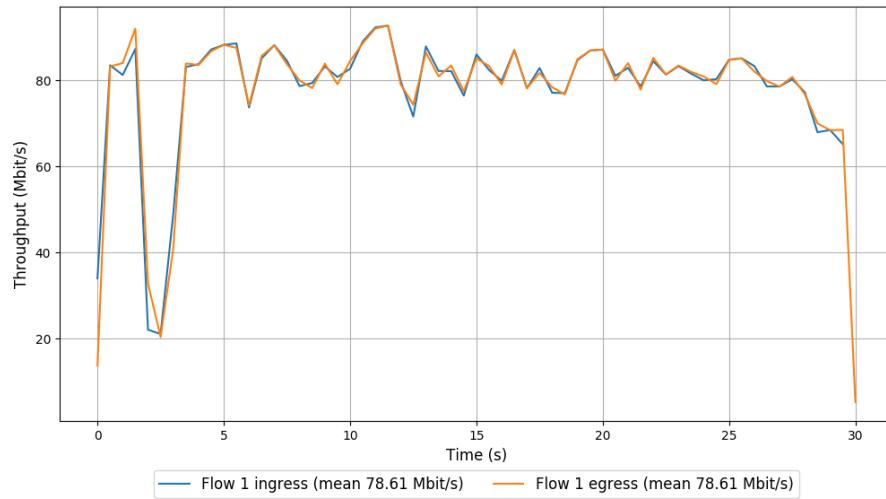


Run 3: Statistics of Copa

```
Start at: Wed, 05 Jul 2017 08:06:32 +0000
End at: Wed, 05 Jul 2017 08:07:02 +0000
Local clock offset: 0.279 ms
Remote clock offset: -4.433 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:27:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.61 Mbit/s
95th percentile per-packet one-way delay: 93.430 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 78.61 Mbit/s
95th percentile per-packet one-way delay: 93.430 ms
Loss rate: 0.00%
```

### Run 3: Report of Copa — Data Link

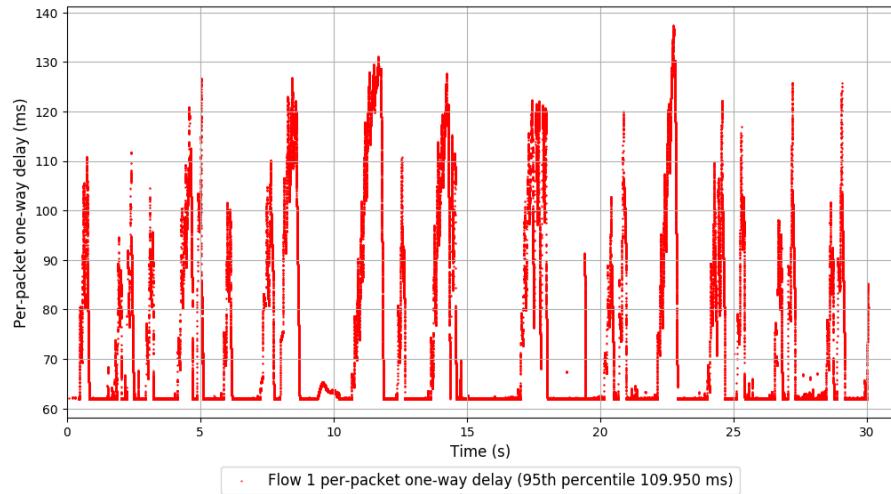
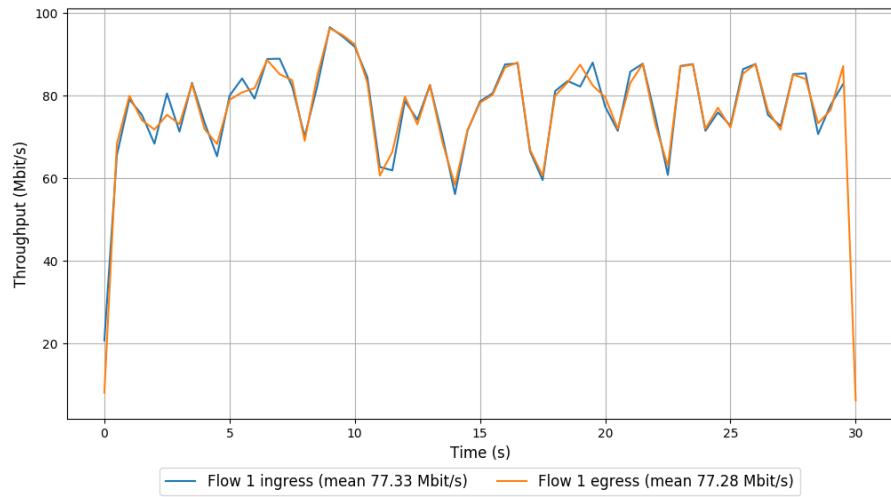


Run 4: Statistics of Copa

```
Start at: Wed, 05 Jul 2017 08:24:09 +0000
End at: Wed, 05 Jul 2017 08:24:39 +0000
Local clock offset: 0.264 ms
Remote clock offset: -4.076 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:27:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.28 Mbit/s
95th percentile per-packet one-way delay: 109.950 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 77.28 Mbit/s
95th percentile per-packet one-way delay: 109.950 ms
Loss rate: 0.00%
```

## Run 4: Report of Copa — Data Link

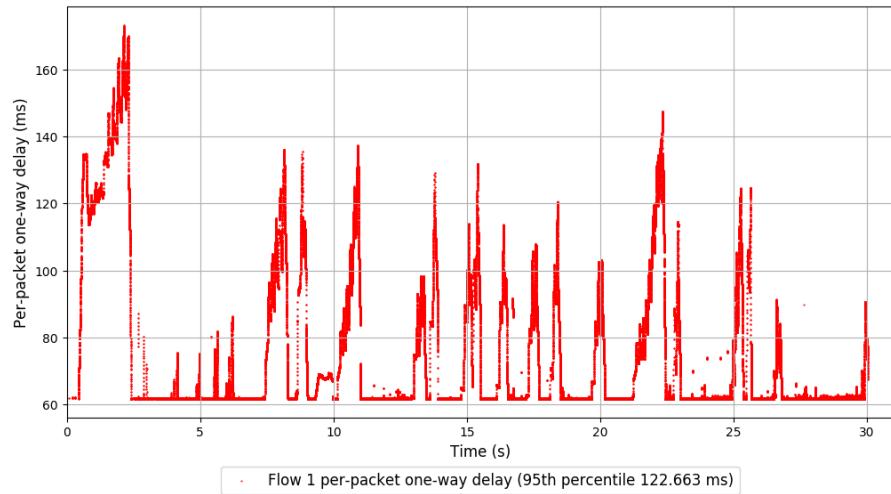
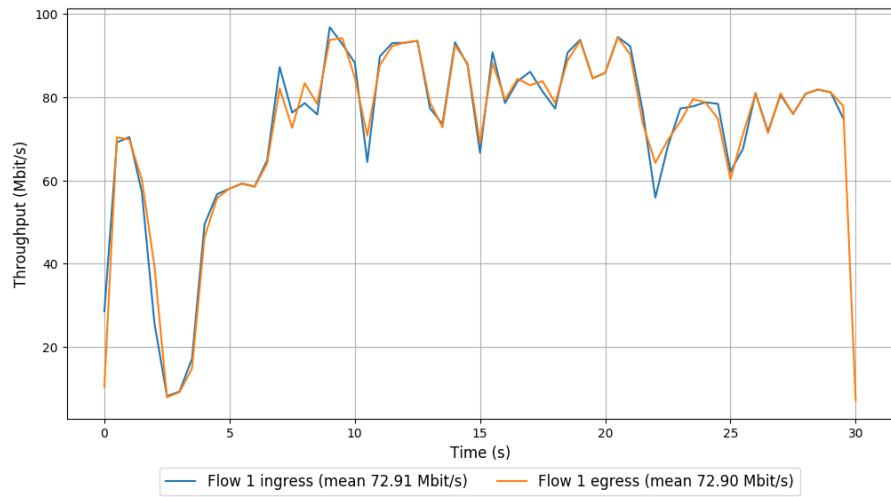


Run 5: Statistics of Copa

```
Start at: Wed, 05 Jul 2017 08:41:32 +0000
End at: Wed, 05 Jul 2017 08:42:02 +0000
Local clock offset: 0.286 ms
Remote clock offset: -4.988 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:27:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.90 Mbit/s
95th percentile per-packet one-way delay: 122.663 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 72.90 Mbit/s
95th percentile per-packet one-way delay: 122.663 ms
Loss rate: 0.00%
```

## Run 5: Report of Copa — Data Link

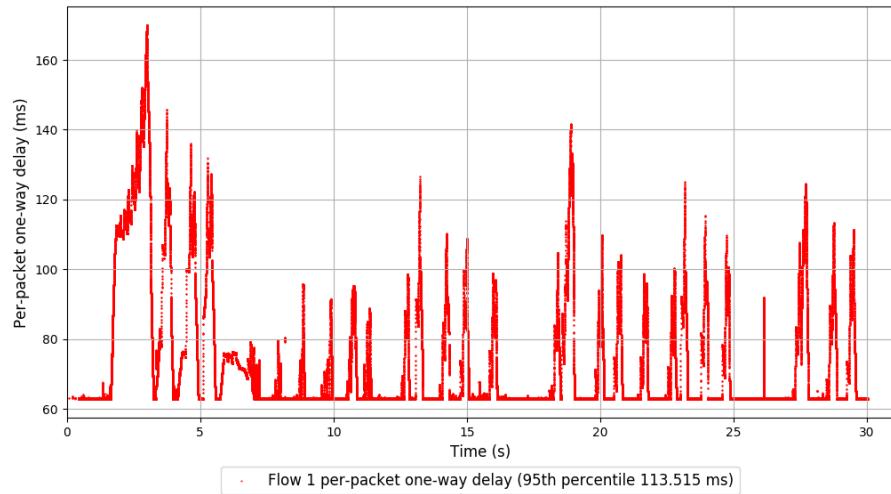
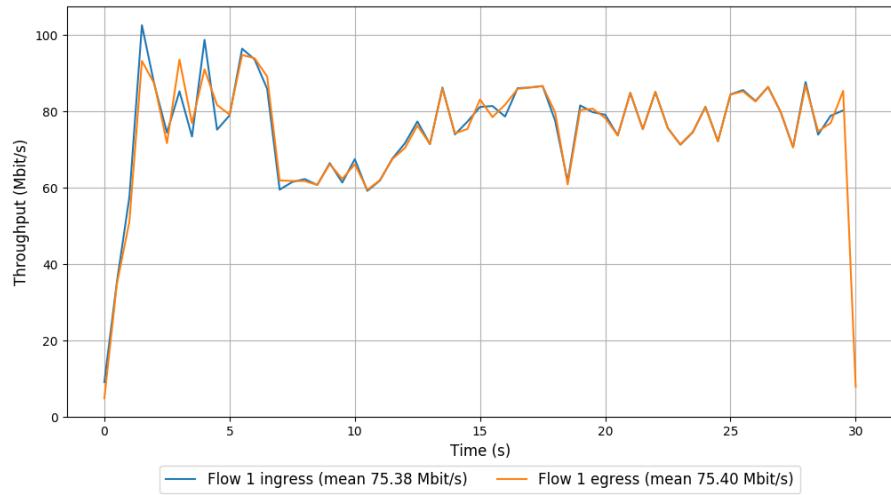


Run 6: Statistics of Copa

```
Start at: Wed, 05 Jul 2017 08:59:02 +0000
End at: Wed, 05 Jul 2017 08:59:32 +0000
Local clock offset: 0.271 ms
Remote clock offset: -4.604 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:27:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.40 Mbit/s
95th percentile per-packet one-way delay: 113.515 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 75.40 Mbit/s
95th percentile per-packet one-way delay: 113.515 ms
Loss rate: 0.00%
```

## Run 6: Report of Copa — Data Link

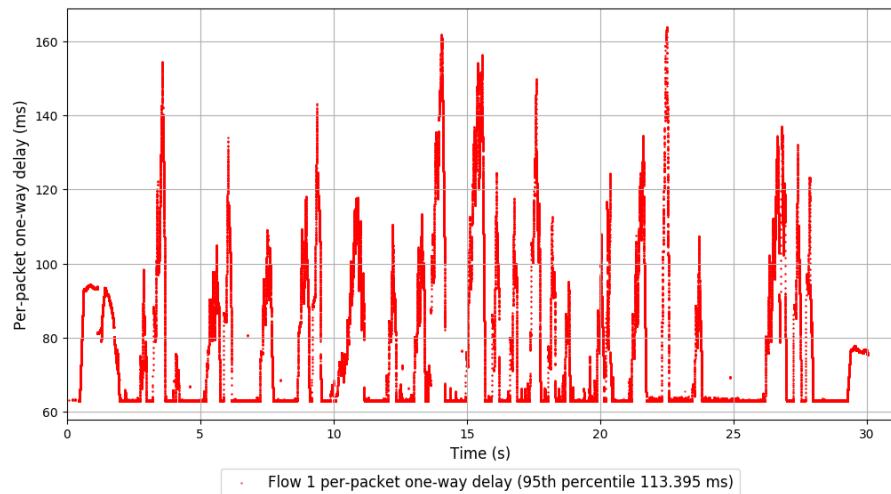
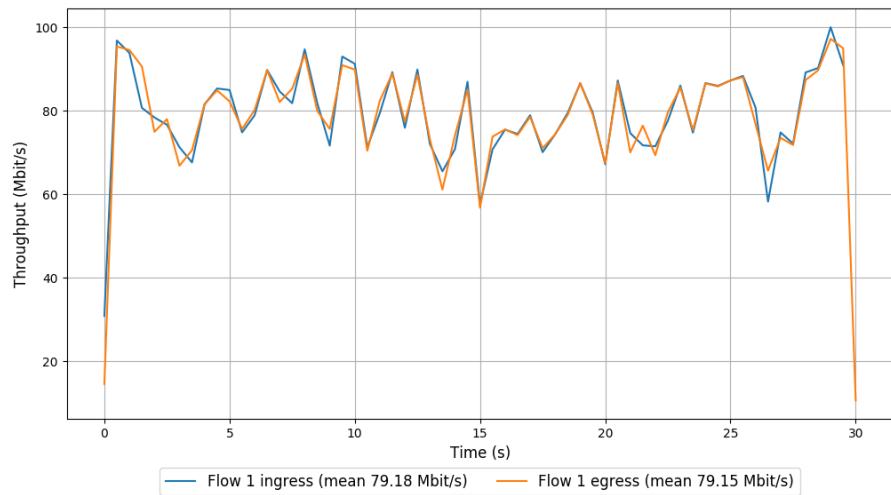


Run 7: Statistics of Copa

```
Start at: Wed, 05 Jul 2017 09:16:38 +0000
End at: Wed, 05 Jul 2017 09:17:08 +0000
Local clock offset: 0.332 ms
Remote clock offset: -4.261 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:28:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.15 Mbit/s
95th percentile per-packet one-way delay: 113.395 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 79.15 Mbit/s
95th percentile per-packet one-way delay: 113.395 ms
Loss rate: 0.02%
```

## Run 7: Report of Copa — Data Link

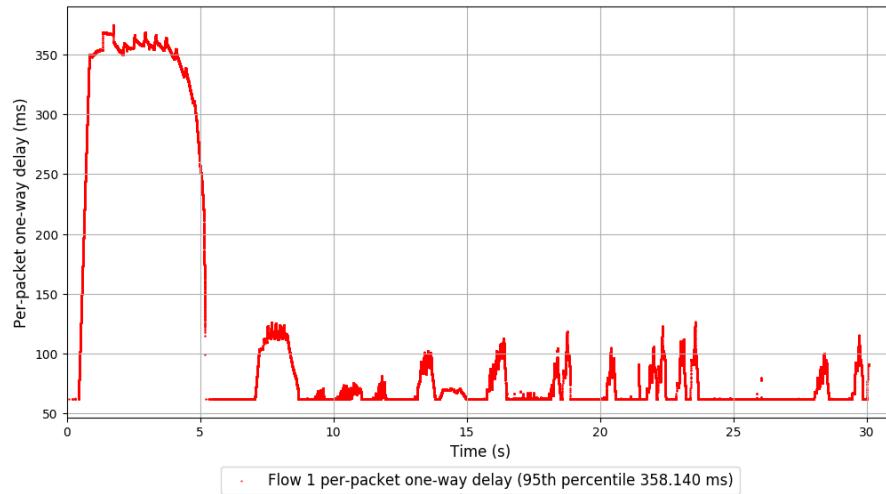
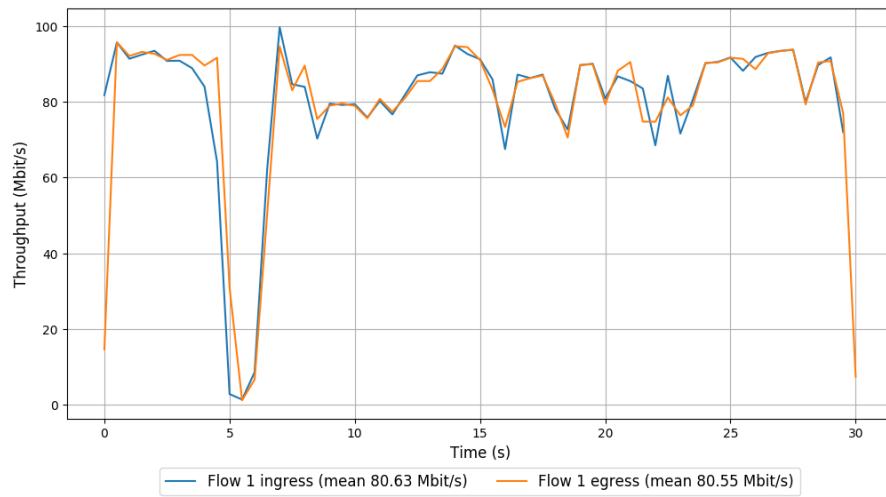


Run 8: Statistics of Copa

```
Start at: Wed, 05 Jul 2017 09:34:07 +0000
End at: Wed, 05 Jul 2017 09:34:37 +0000
Local clock offset: 0.277 ms
Remote clock offset: -4.006 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:28:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.55 Mbit/s
95th percentile per-packet one-way delay: 358.140 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 80.55 Mbit/s
95th percentile per-packet one-way delay: 358.140 ms
Loss rate: 0.00%
```

## Run 8: Report of Copa — Data Link

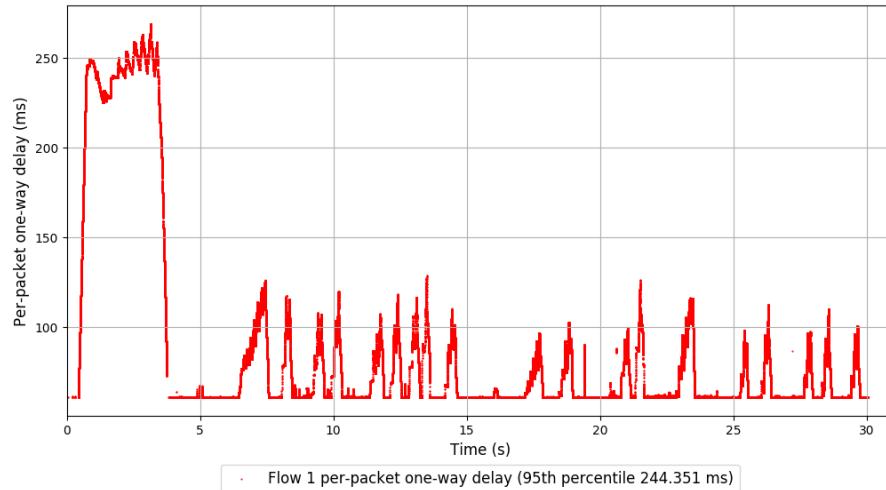
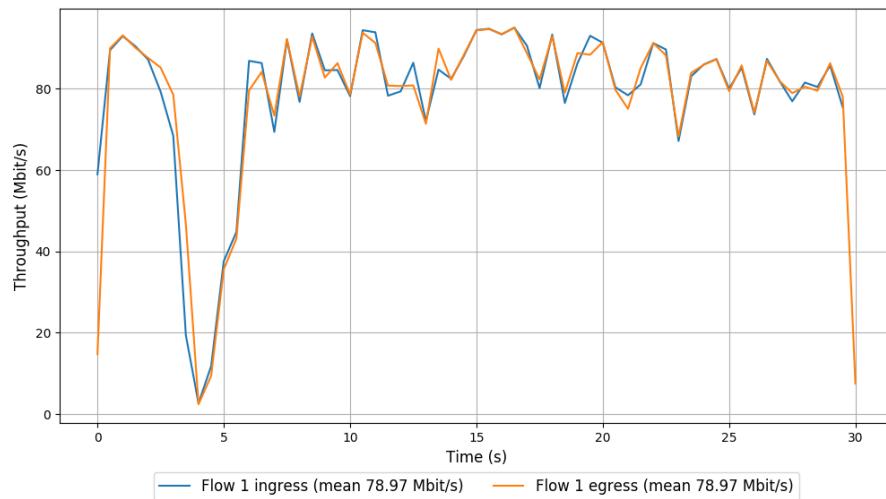


Run 9: Statistics of Copa

```
Start at: Wed, 05 Jul 2017 09:51:39 +0000
End at: Wed, 05 Jul 2017 09:52:09 +0000
Local clock offset: 0.313 ms
Remote clock offset: -3.783 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:28:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.97 Mbit/s
95th percentile per-packet one-way delay: 244.351 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 78.97 Mbit/s
95th percentile per-packet one-way delay: 244.351 ms
Loss rate: 0.00%
```

### Run 9: Report of Copa — Data Link

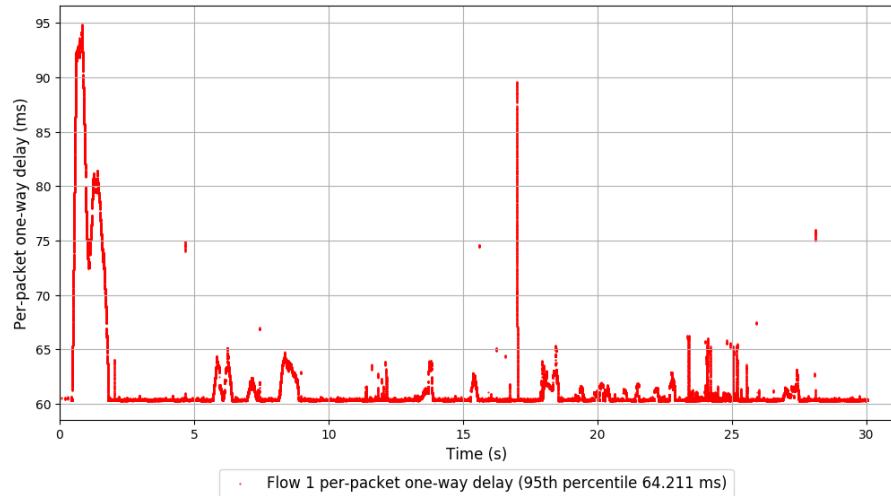
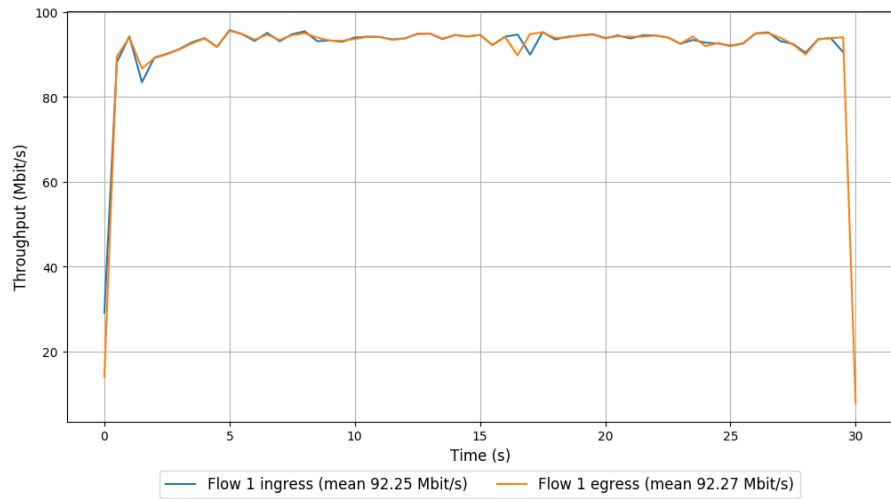


Run 10: Statistics of Copa

```
Start at: Wed, 05 Jul 2017 10:09:12 +0000
End at: Wed, 05 Jul 2017 10:09:42 +0000
Local clock offset: 0.265 ms
Remote clock offset: -2.665 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:28:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.27 Mbit/s
95th percentile per-packet one-way delay: 64.211 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 92.27 Mbit/s
95th percentile per-packet one-way delay: 64.211 ms
Loss rate: 0.00%
```

## Run 10: Report of Copa — Data Link



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

```
Start at: Wed, 05 Jul 2017 07:24:27 +0000
```

```
End at: Wed, 05 Jul 2017 07:24:57 +0000
```

```
Local clock offset: 0.197 ms
```

```
Remote clock offset: -5.849 ms
```

```
# Below is generated by plot.py at Wed, 05 Jul 2017 13:28:44 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 84.88 Mbit/s
```

```
95th percentile per-packet one-way delay: 281.392 ms
```

```
Loss rate: 0.00%
```

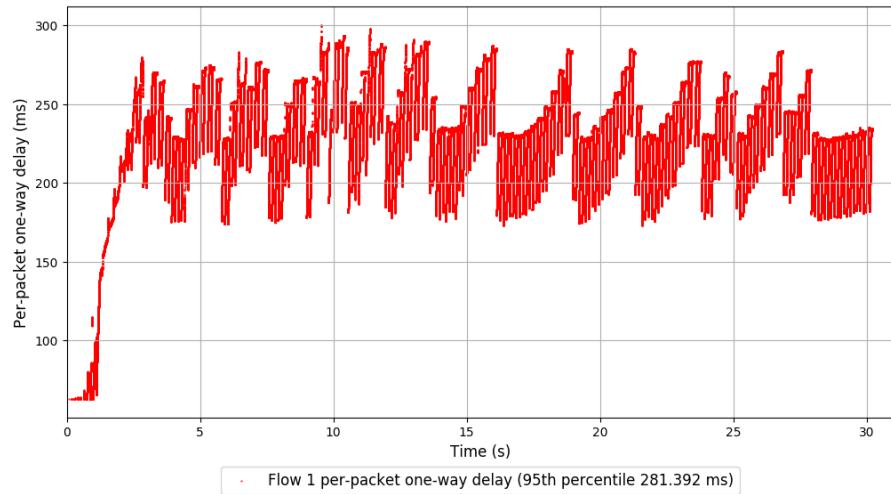
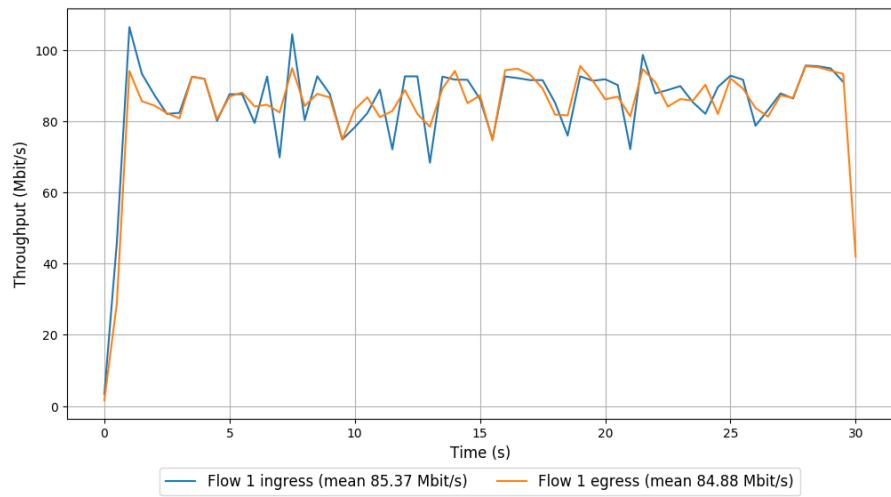
```
-- Flow 1:
```

```
Average throughput: 84.88 Mbit/s
```

```
95th percentile per-packet one-way delay: 281.392 ms
```

```
Loss rate: 0.00%
```

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

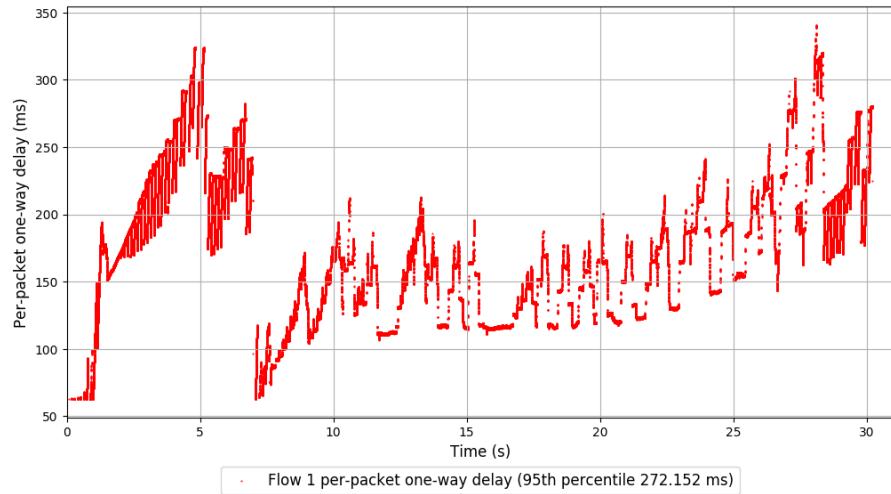
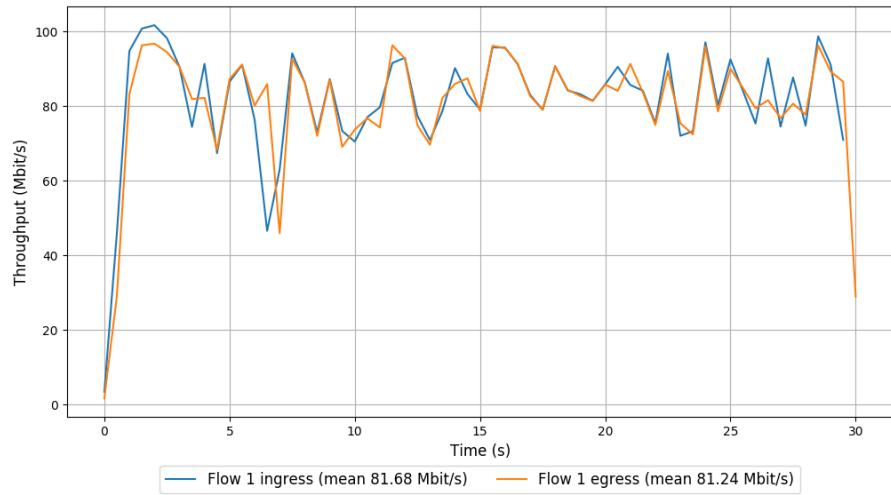


Run 2: Statistics of TCP Cubic

```
Start at: Wed, 05 Jul 2017 07:42:02 +0000
End at: Wed, 05 Jul 2017 07:42:32 +0000
Local clock offset: 0.238 ms
Remote clock offset: -5.065 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:28:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.24 Mbit/s
95th percentile per-packet one-way delay: 272.152 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 81.24 Mbit/s
95th percentile per-packet one-way delay: 272.152 ms
Loss rate: 0.00%
```

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

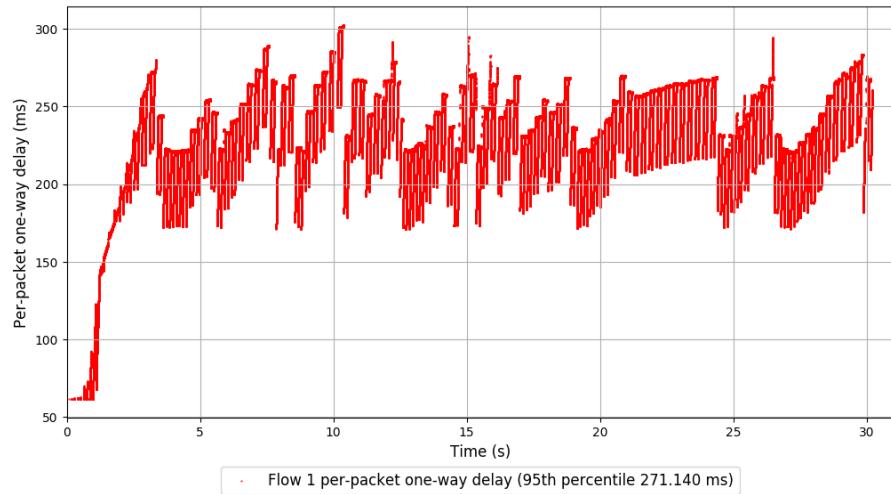
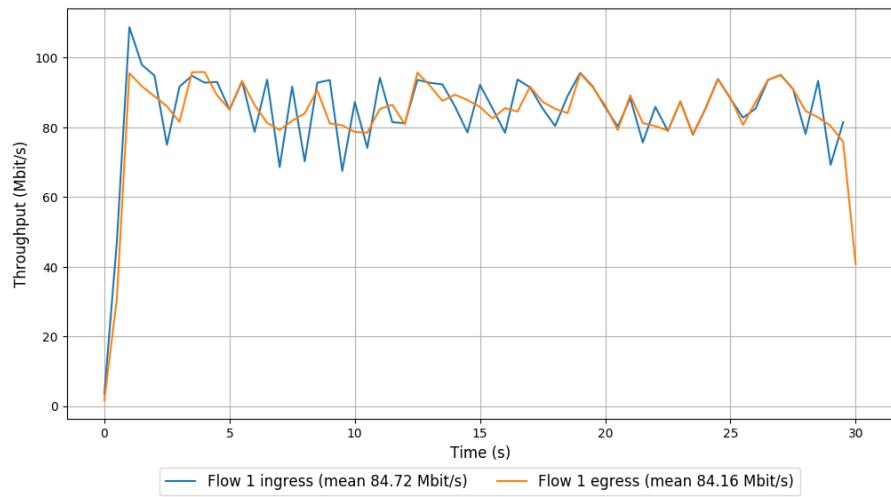


Run 3: Statistics of TCP Cubic

```
Start at: Wed, 05 Jul 2017 07:59:32 +0000
End at: Wed, 05 Jul 2017 08:00:02 +0000
Local clock offset: 0.282 ms
Remote clock offset: -4.85 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:28:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.16 Mbit/s
95th percentile per-packet one-way delay: 271.140 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 84.16 Mbit/s
95th percentile per-packet one-way delay: 271.140 ms
Loss rate: 0.00%
```

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

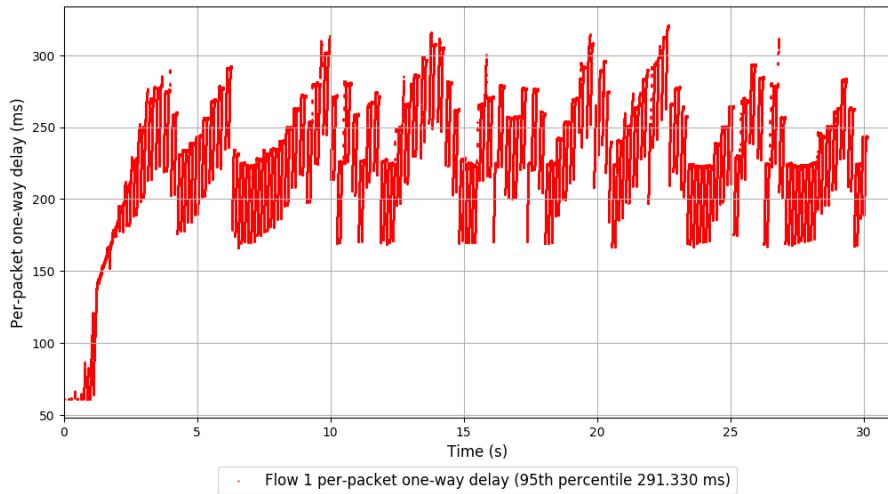
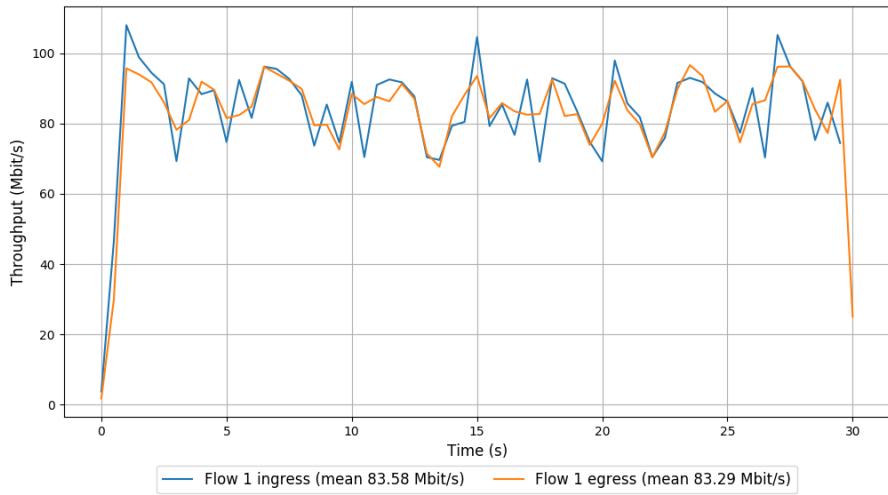


Run 4: Statistics of TCP Cubic

```
Start at: Wed, 05 Jul 2017 08:17:09 +0000
End at: Wed, 05 Jul 2017 08:17:39 +0000
Local clock offset: 0.26 ms
Remote clock offset: -4.428 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:28:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.29 Mbit/s
95th percentile per-packet one-way delay: 291.330 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 83.29 Mbit/s
95th percentile per-packet one-way delay: 291.330 ms
Loss rate: 0.00%
```

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

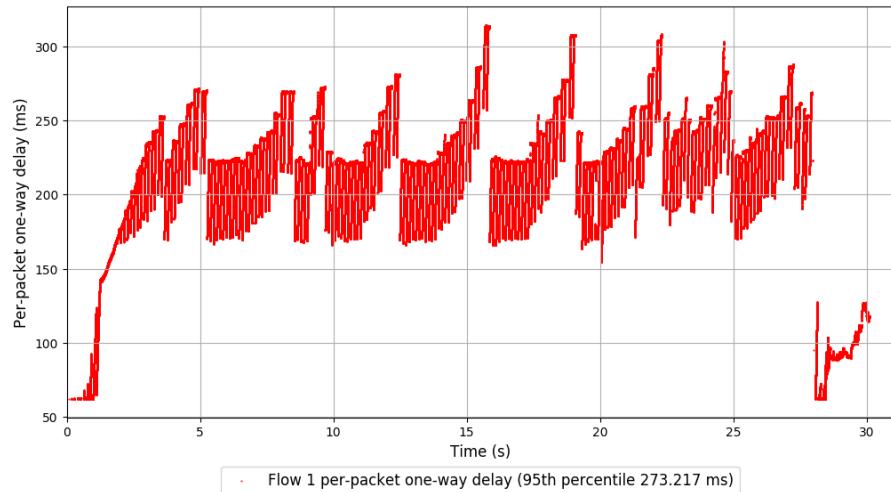
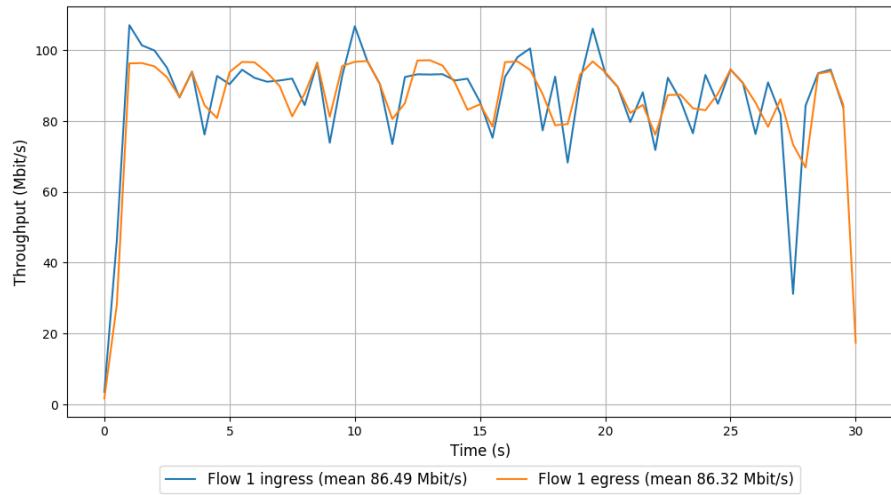


Run 5: Statistics of TCP Cubic

```
Start at: Wed, 05 Jul 2017 08:34:39 +0000
End at: Wed, 05 Jul 2017 08:35:09 +0000
Local clock offset: 0.233 ms
Remote clock offset: -4.75 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:29:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.32 Mbit/s
95th percentile per-packet one-way delay: 273.217 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 86.32 Mbit/s
95th percentile per-packet one-way delay: 273.217 ms
Loss rate: 0.00%
```

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

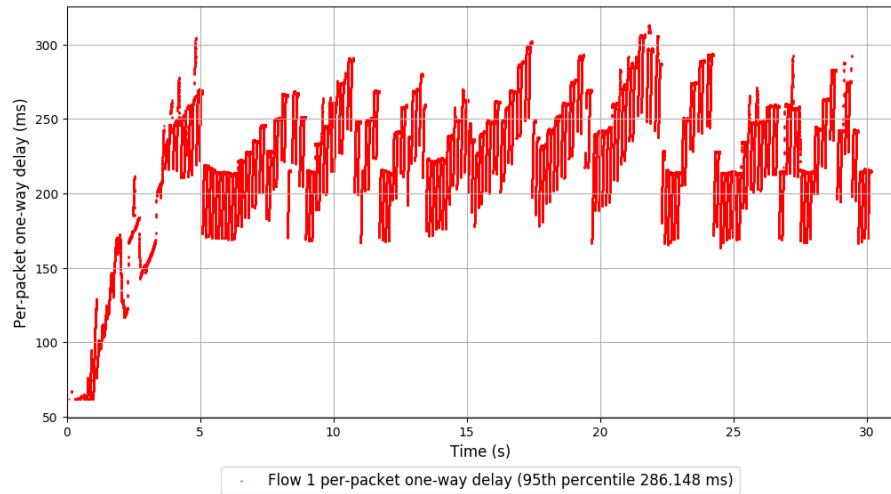
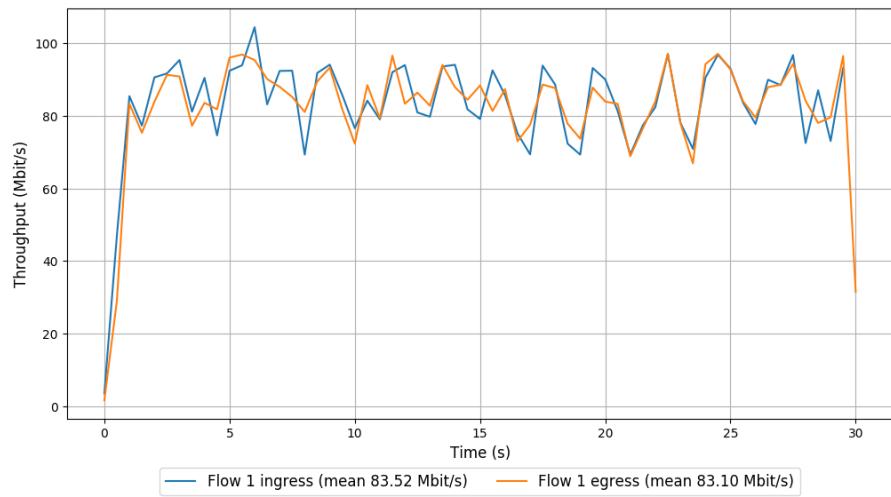


Run 6: Statistics of TCP Cubic

```
Start at: Wed, 05 Jul 2017 08:52:09 +0000
End at: Wed, 05 Jul 2017 08:52:39 +0000
Local clock offset: 0.279 ms
Remote clock offset: -5.002 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:29:09 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.10 Mbit/s
95th percentile per-packet one-way delay: 286.148 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 83.10 Mbit/s
95th percentile per-packet one-way delay: 286.148 ms
Loss rate: 0.00%
```

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



Run 7: Statistics of TCP Cubic

Start at: Wed, 05 Jul 2017 09:09:38 +0000

End at: Wed, 05 Jul 2017 09:10:08 +0000

Local clock offset: 0.317 ms

Remote clock offset: -4.539 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:29:15 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 84.33 Mbit/s

95th percentile per-packet one-way delay: 277.937 ms

Loss rate: 0.00%

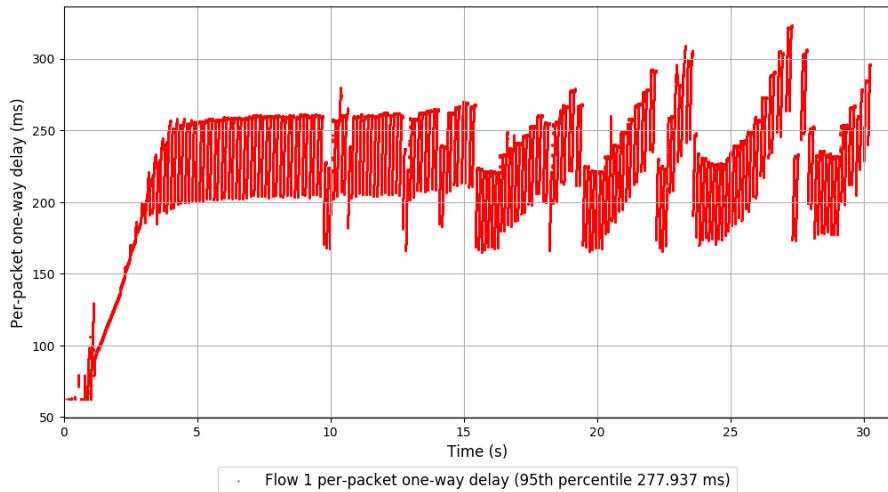
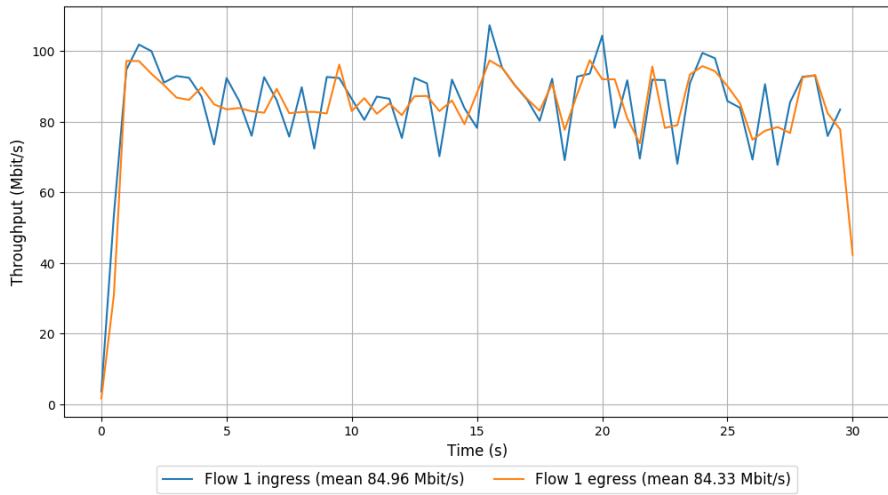
-- Flow 1:

Average throughput: 84.33 Mbit/s

95th percentile per-packet one-way delay: 277.937 ms

Loss rate: 0.00%

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



Run 8: Statistics of TCP Cubic

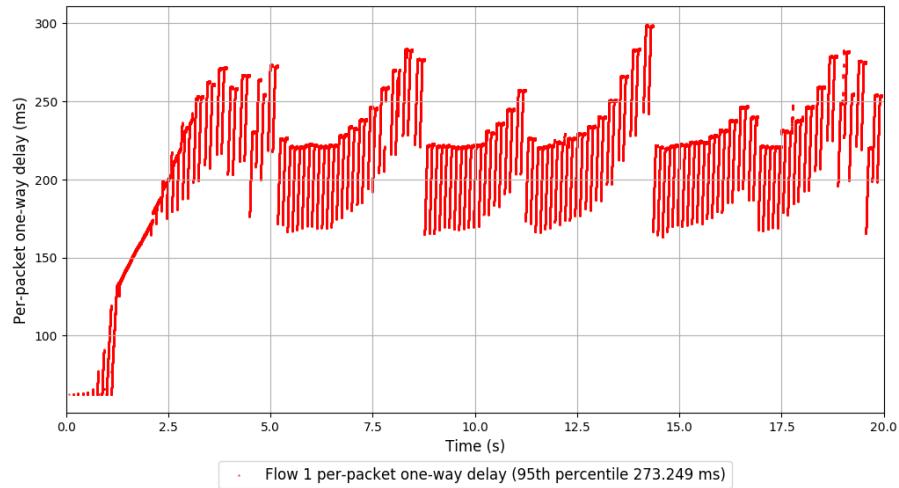
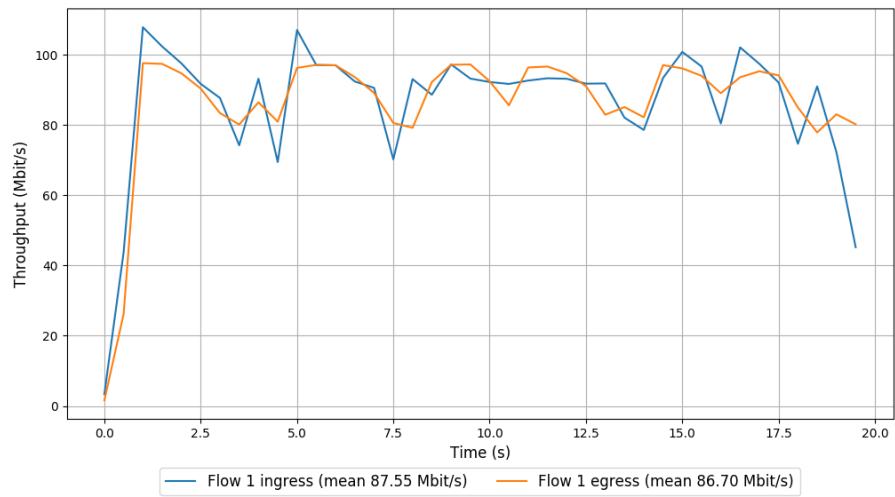
Start at: Wed, 05 Jul 2017 09:27:10 +0000

End at: Wed, 05 Jul 2017 09:27:40 +0000

Local clock offset: 0.334 ms

Remote clock offset: -4.235 ms

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

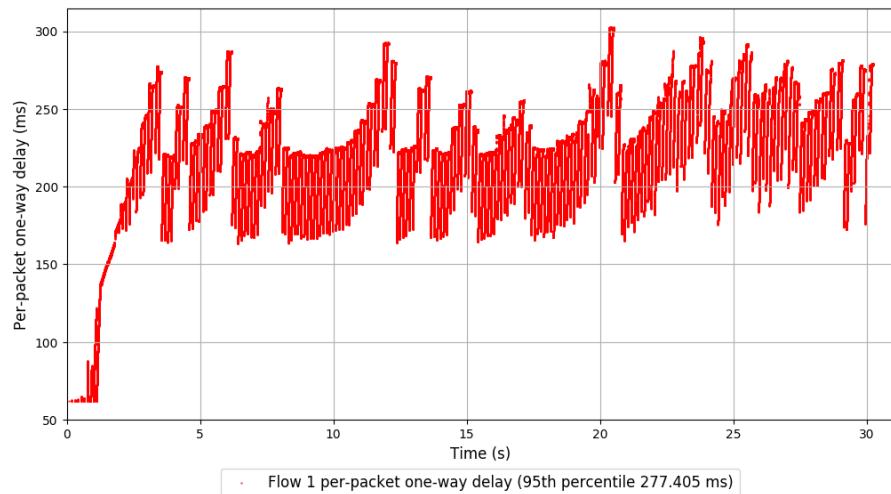
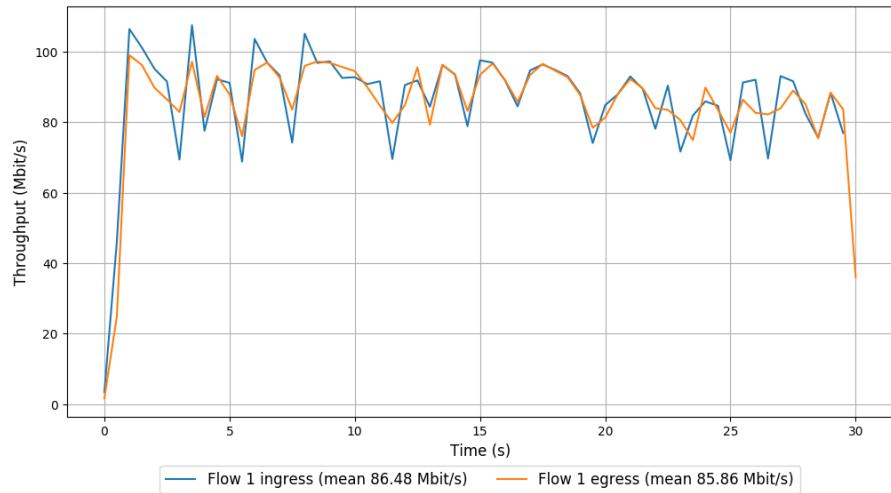


Run 9: Statistics of TCP Cubic

```
Start at: Wed, 05 Jul 2017 09:44:39 +0000
End at: Wed, 05 Jul 2017 09:45:09 +0000
Local clock offset: 0.264 ms
Remote clock offset: -3.941 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:29:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.86 Mbit/s
95th percentile per-packet one-way delay: 277.405 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 85.86 Mbit/s
95th percentile per-packet one-way delay: 277.405 ms
Loss rate: 0.00%
```

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

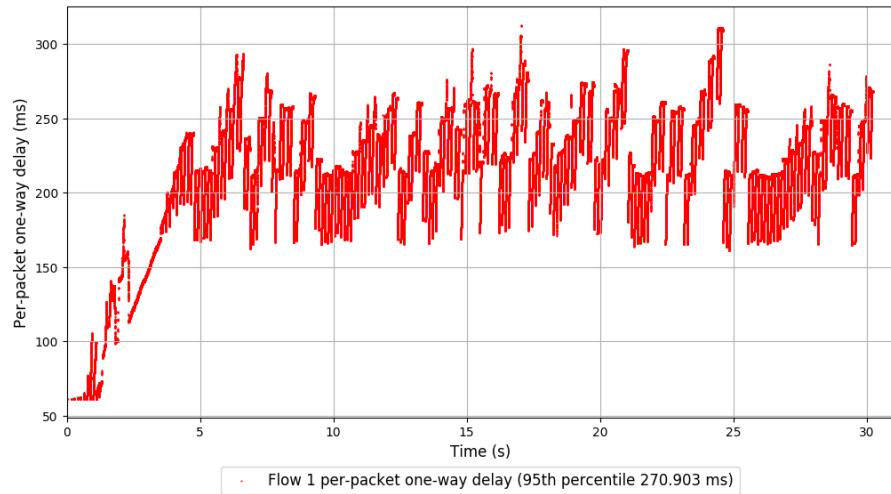
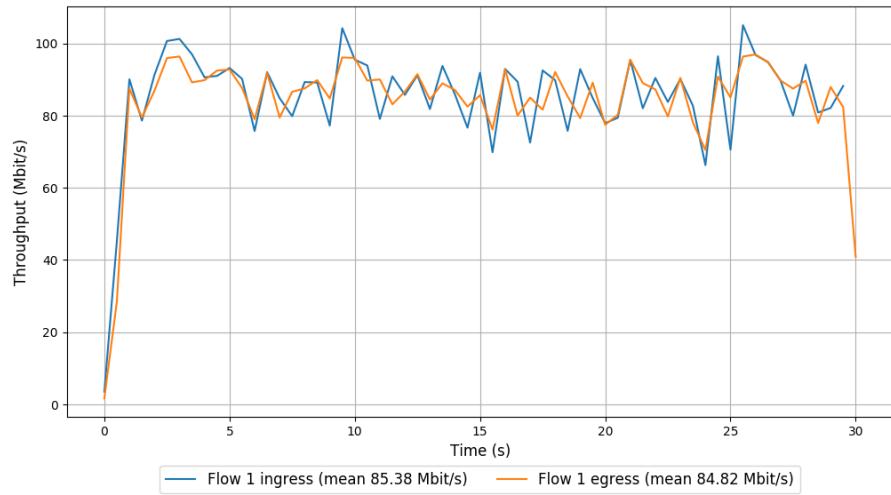


Run 10: Statistics of TCP Cubic

```
Start at: Wed, 05 Jul 2017 10:02:10 +0000
End at: Wed, 05 Jul 2017 10:02:40 +0000
Local clock offset: 0.324 ms
Remote clock offset: -3.042 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:29:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.82 Mbit/s
95th percentile per-packet one-way delay: 270.903 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 84.82 Mbit/s
95th percentile per-packet one-way delay: 270.903 ms
Loss rate: 0.00%
```

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



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

```
Start at: Wed, 05 Jul 2017 07:26:49 +0000
```

```
End at: Wed, 05 Jul 2017 07:27:19 +0000
```

```
Local clock offset: 0.28 ms
```

```
Remote clock offset: -5.762 ms
```

```
# Below is generated by plot.py at Wed, 05 Jul 2017 13:29:31 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 10.14 Mbit/s
```

```
95th percentile per-packet one-way delay: 64.113 ms
```

```
Loss rate: 0.00%
```

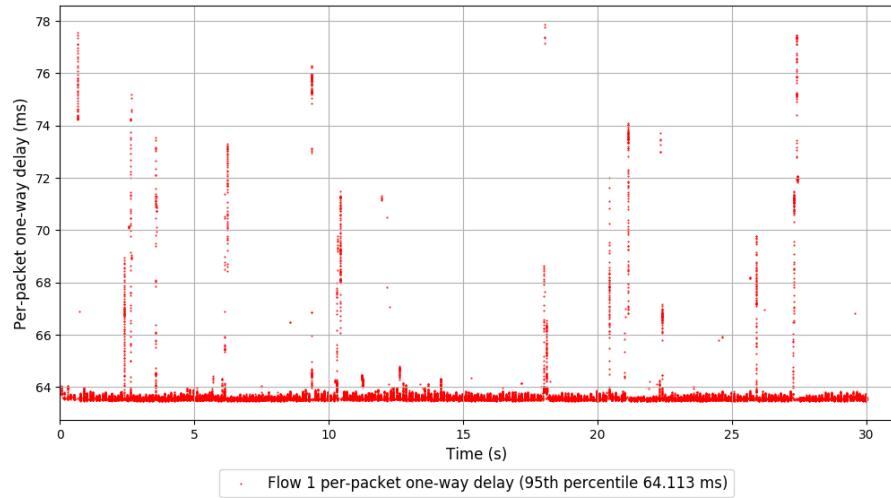
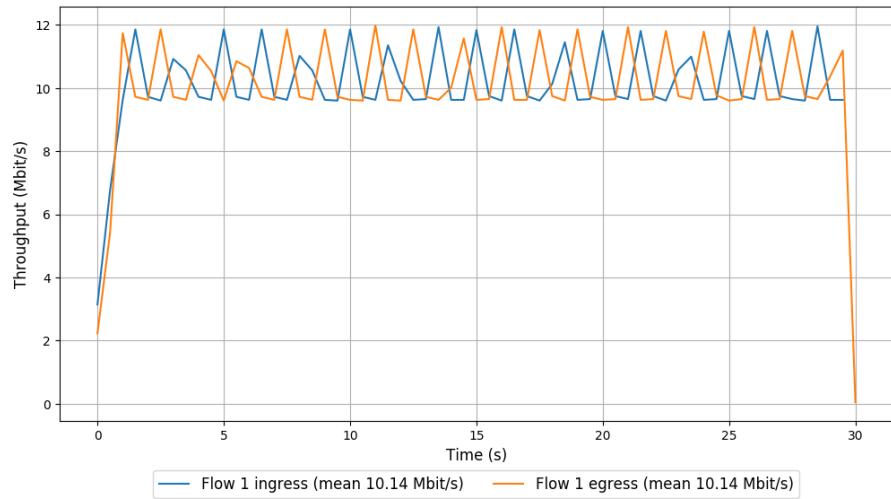
```
-- Flow 1:
```

```
Average throughput: 10.14 Mbit/s
```

```
95th percentile per-packet one-way delay: 64.113 ms
```

```
Loss rate: 0.00%
```

## Run 1: Report of KohoCC — Data Link

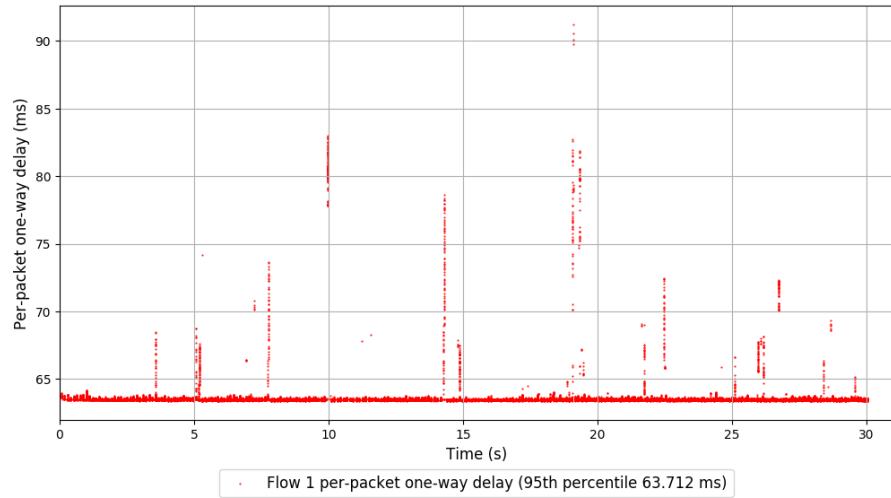
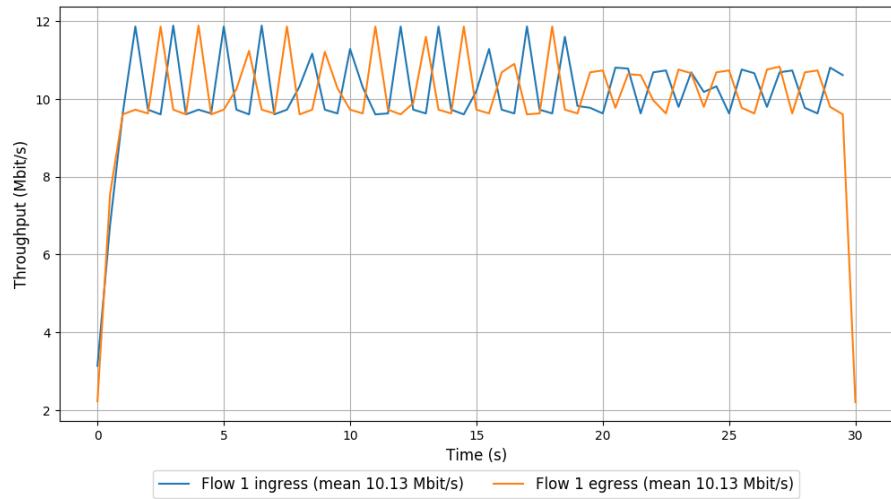


Run 2: Statistics of KohoCC

```
Start at: Wed, 05 Jul 2017 07:44:23 +0000
End at: Wed, 05 Jul 2017 07:44:53 +0000
Local clock offset: 0.264 ms
Remote clock offset: -4.973 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:29:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.13 Mbit/s
95th percentile per-packet one-way delay: 63.712 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 10.13 Mbit/s
95th percentile per-packet one-way delay: 63.712 ms
Loss rate: 0.00%
```

## Run 2: Report of KohoCC — Data Link

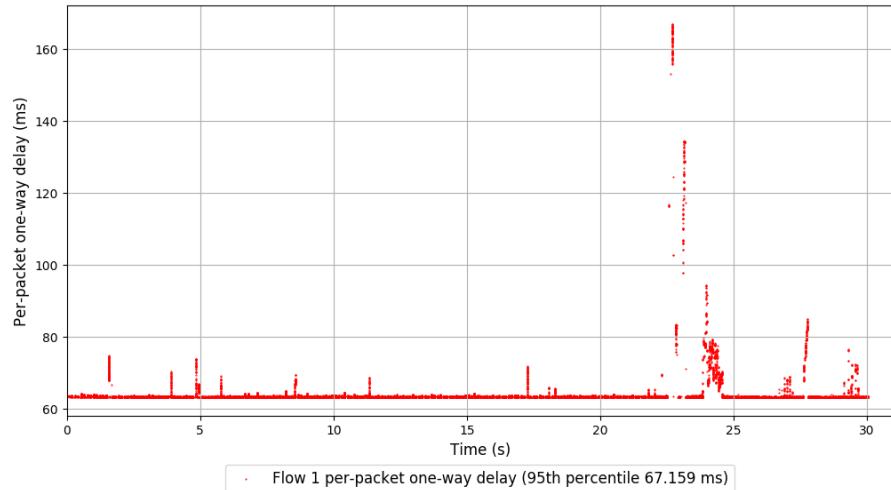
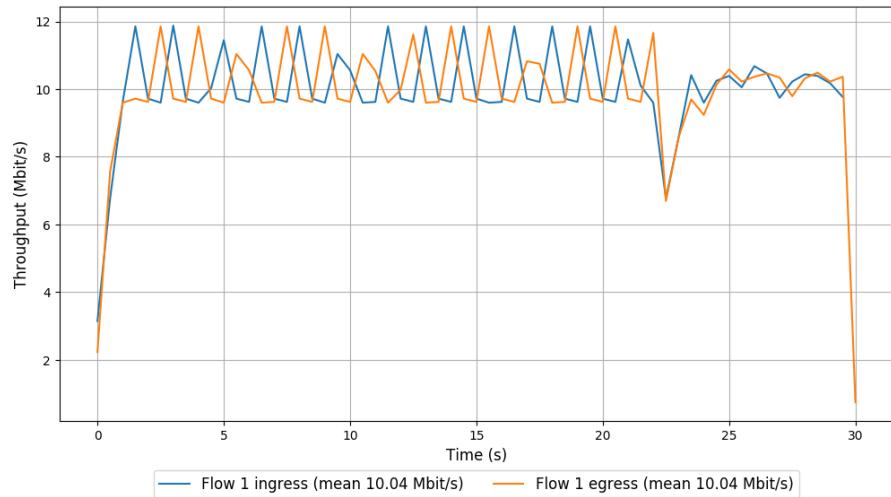


Run 3: Statistics of KohoCC

```
Start at: Wed, 05 Jul 2017 08:01:53 +0000
End at: Wed, 05 Jul 2017 08:02:23 +0000
Local clock offset: 0.267 ms
Remote clock offset: -4.91 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:29:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.04 Mbit/s
95th percentile per-packet one-way delay: 67.159 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 10.04 Mbit/s
95th percentile per-packet one-way delay: 67.159 ms
Loss rate: 0.00%
```

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

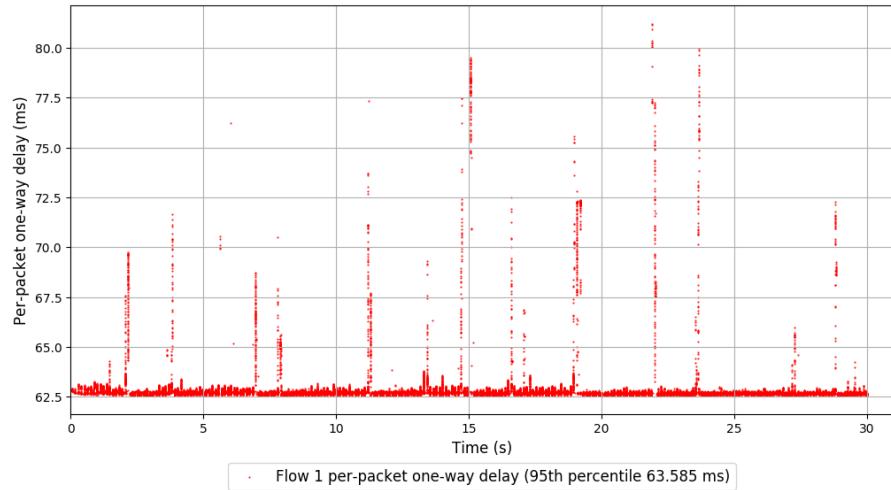
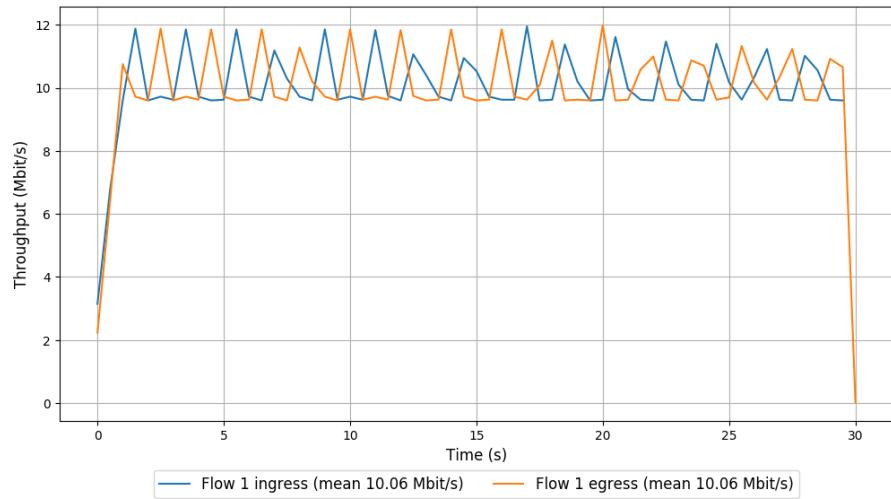


Run 4: Statistics of KohoCC

```
Start at: Wed, 05 Jul 2017 08:19:30 +0000
End at: Wed, 05 Jul 2017 08:20:00 +0000
Local clock offset: 0.19 ms
Remote clock offset: -4.018 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:29:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.06 Mbit/s
95th percentile per-packet one-way delay: 63.585 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 10.06 Mbit/s
95th percentile per-packet one-way delay: 63.585 ms
Loss rate: 0.00%
```

## Run 4: Report of KohoCC — Data Link

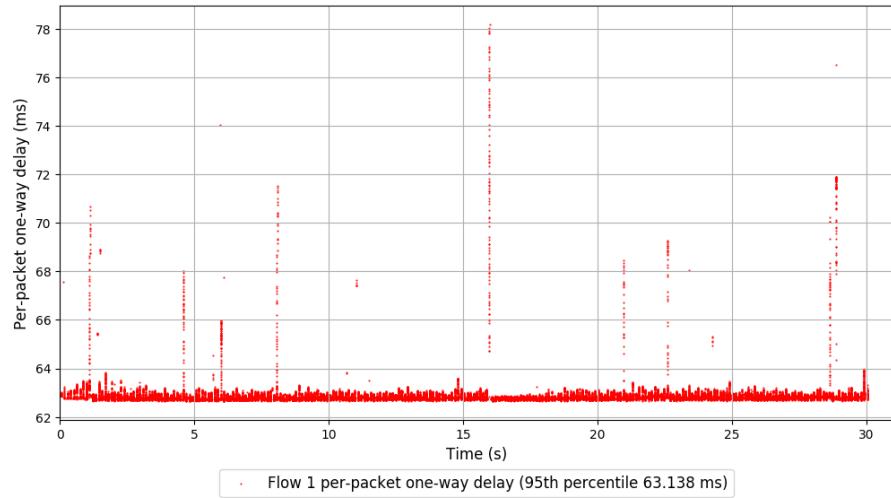
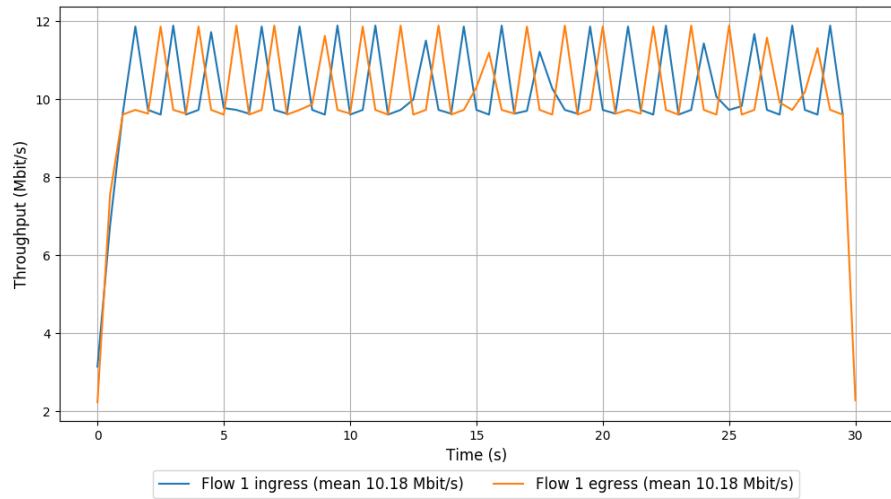


Run 5: Statistics of KohoCC

```
Start at: Wed, 05 Jul 2017 08:37:00 +0000
End at: Wed, 05 Jul 2017 08:37:30 +0000
Local clock offset: 0.299 ms
Remote clock offset: -4.706 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:29:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.18 Mbit/s
95th percentile per-packet one-way delay: 63.138 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 10.18 Mbit/s
95th percentile per-packet one-way delay: 63.138 ms
Loss rate: 0.00%
```

## Run 5: Report of KohoCC — Data Link

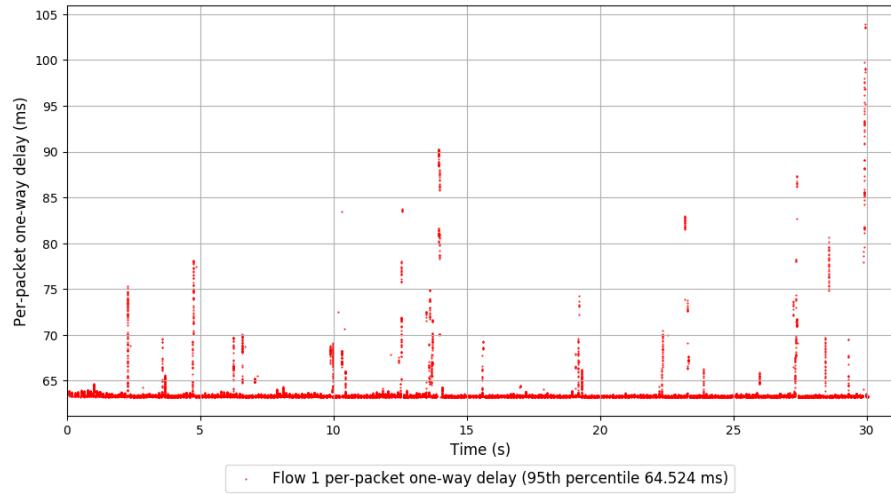
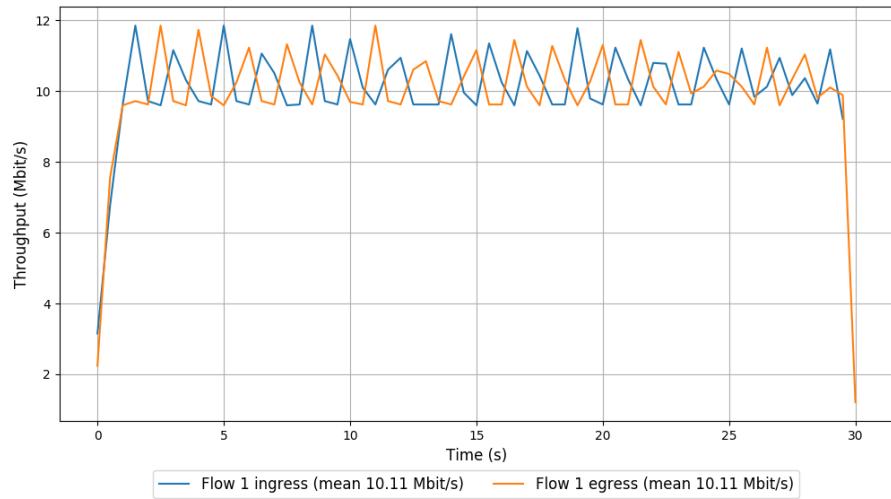


Run 6: Statistics of KohoCC

```
Start at: Wed, 05 Jul 2017 08:54:30 +0000
End at: Wed, 05 Jul 2017 08:55:00 +0000
Local clock offset: 0.282 ms
Remote clock offset: -4.936 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:29:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.11 Mbit/s
95th percentile per-packet one-way delay: 64.524 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 10.11 Mbit/s
95th percentile per-packet one-way delay: 64.524 ms
Loss rate: 0.00%
```

## Run 6: Report of KohoCC — Data Link

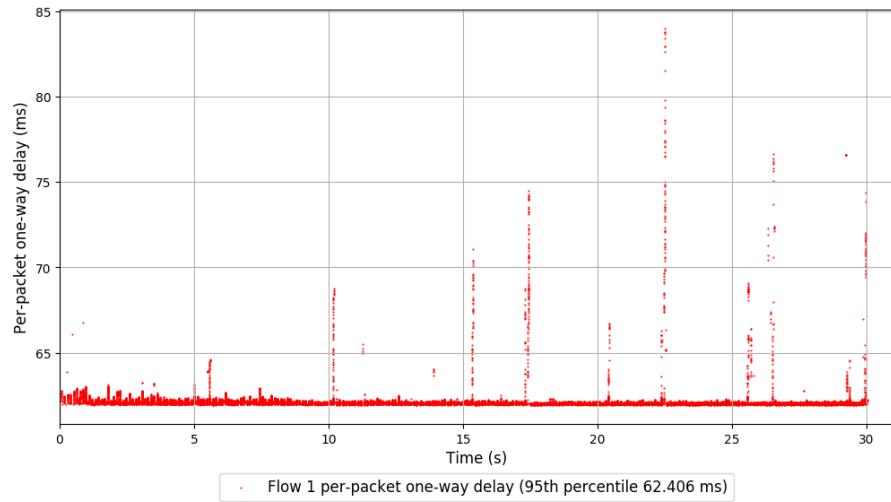
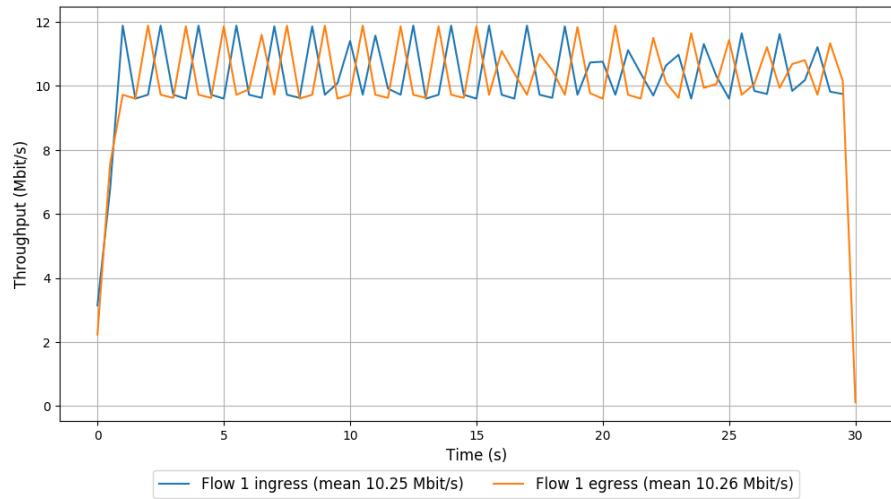


Run 7: Statistics of KohoCC

```
Start at: Wed, 05 Jul 2017 09:11:59 +0000
End at: Wed, 05 Jul 2017 09:12:29 +0000
Local clock offset: 0.294 ms
Remote clock offset: -4.586 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:29:38 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.26 Mbit/s
95th percentile per-packet one-way delay: 62.406 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 10.26 Mbit/s
95th percentile per-packet one-way delay: 62.406 ms
Loss rate: 0.00%
```

## Run 7: Report of KohoCC — Data Link

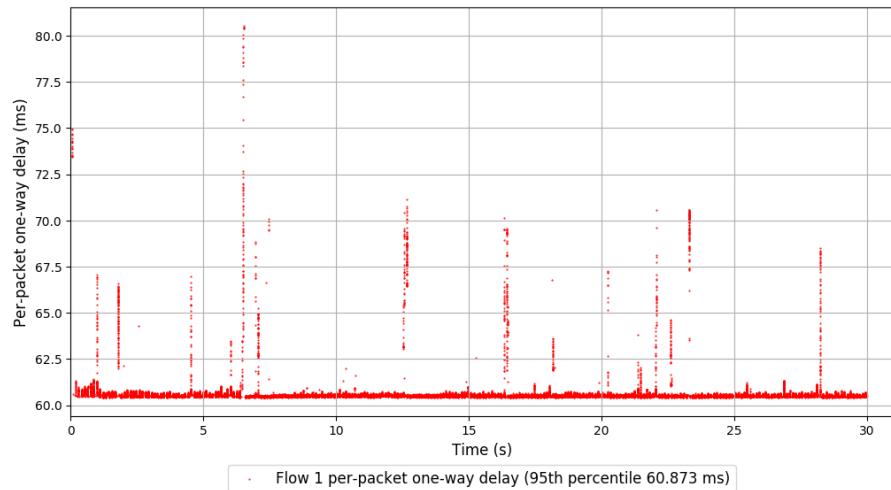
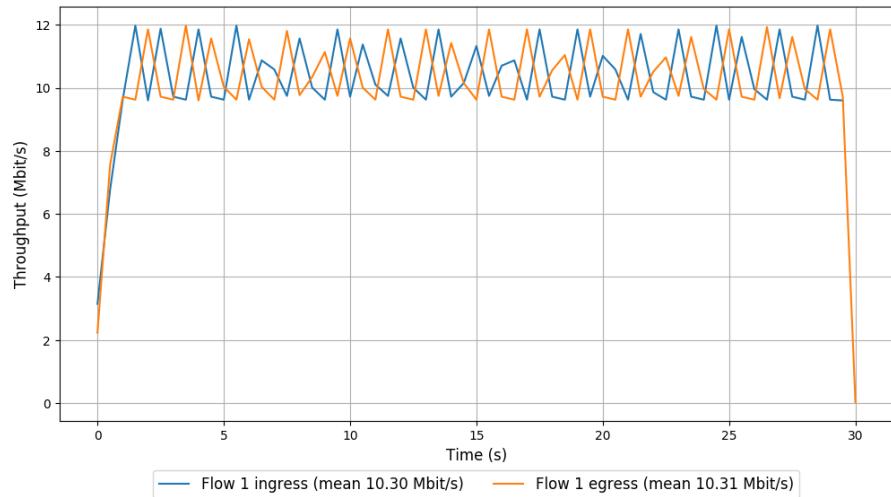


Run 8: Statistics of KohoCC

```
Start at: Wed, 05 Jul 2017 09:29:29 +0000
End at: Wed, 05 Jul 2017 09:29:59 +0000
Local clock offset: 0.33 ms
Remote clock offset: -4.151 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:29:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.31 Mbit/s
95th percentile per-packet one-way delay: 60.873 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 10.31 Mbit/s
95th percentile per-packet one-way delay: 60.873 ms
Loss rate: 0.00%
```

## Run 8: Report of KohoCC — Data Link

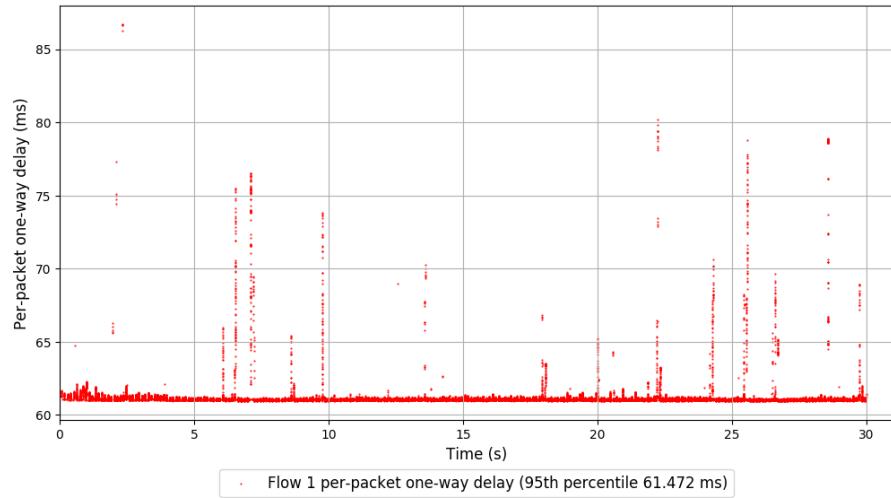
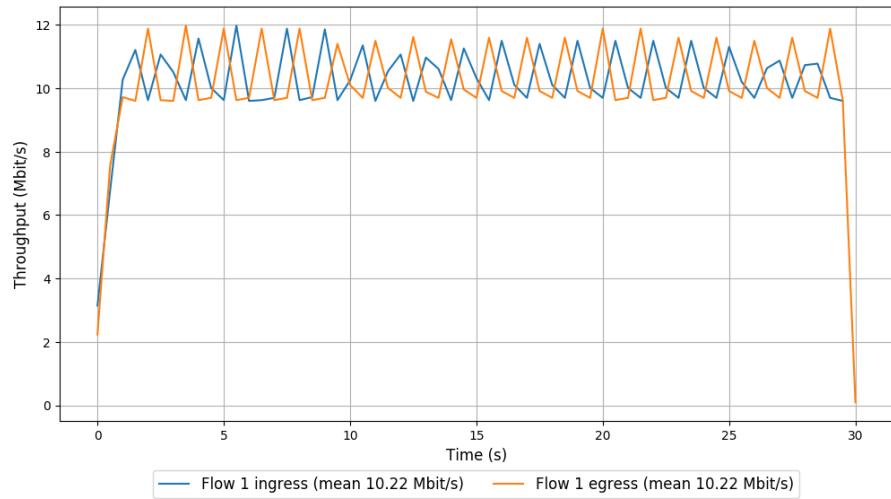


Run 9: Statistics of KohoCC

```
Start at: Wed, 05 Jul 2017 09:47:00 +0000
End at: Wed, 05 Jul 2017 09:47:30 +0000
Local clock offset: 0.325 ms
Remote clock offset: -3.827 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:29:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.22 Mbit/s
95th percentile per-packet one-way delay: 61.472 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 10.22 Mbit/s
95th percentile per-packet one-way delay: 61.472 ms
Loss rate: 0.00%
```

## Run 9: Report of KohoCC — Data Link

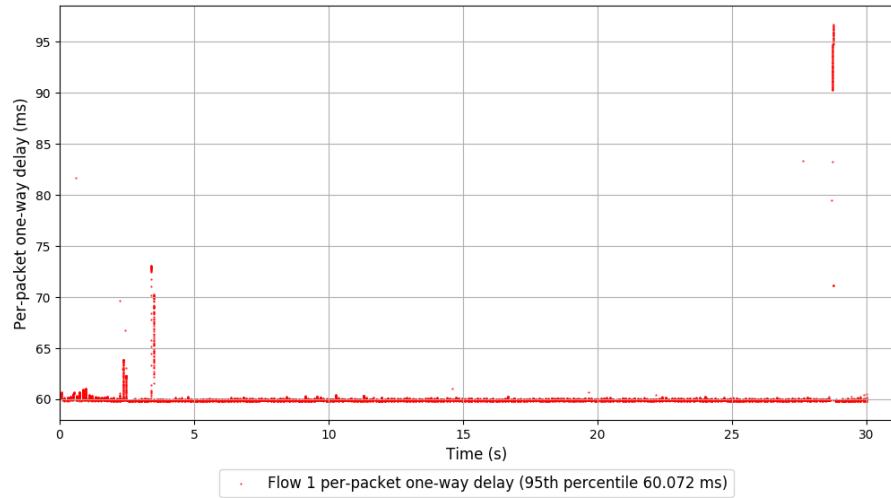
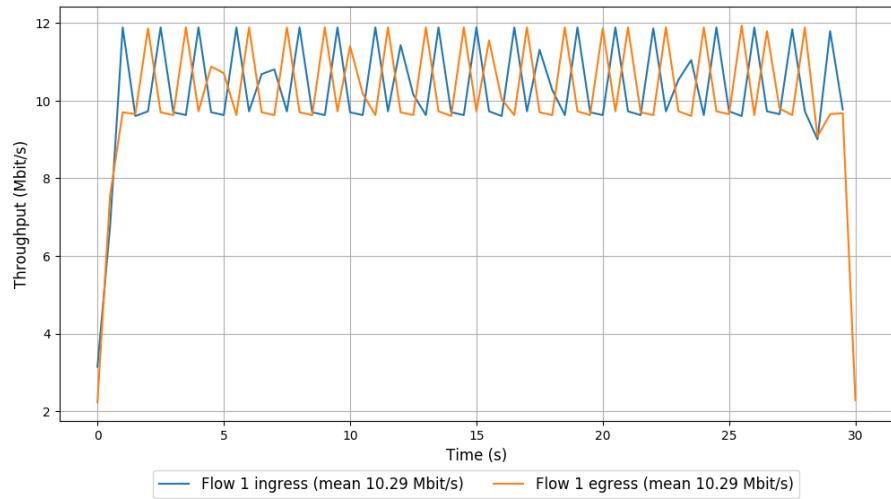


Run 10: Statistics of KohoCC

```
Start at: Wed, 05 Jul 2017 10:04:31 +0000
End at: Wed, 05 Jul 2017 10:05:01 +0000
Local clock offset: 0.31 ms
Remote clock offset: -3.319 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:29:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.29 Mbit/s
95th percentile per-packet one-way delay: 60.072 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 10.29 Mbit/s
95th percentile per-packet one-way delay: 60.072 ms
Loss rate: 0.00%
```

## Run 10: Report of KohoCC — Data Link

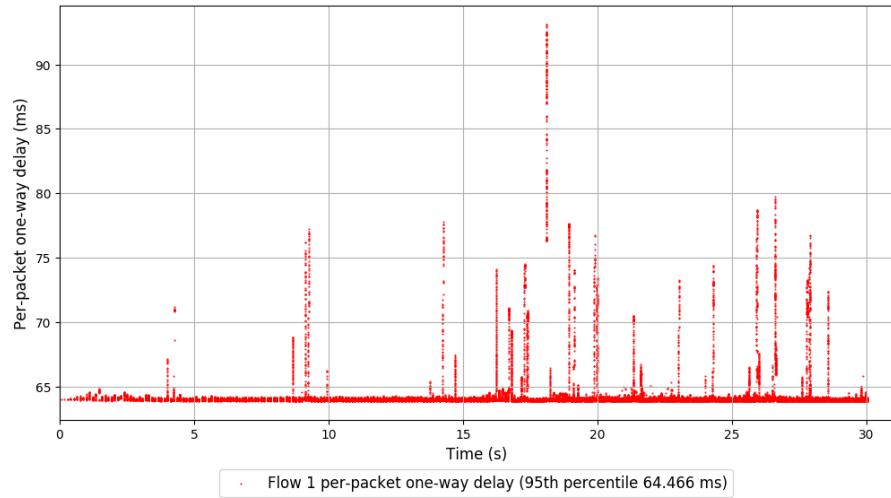
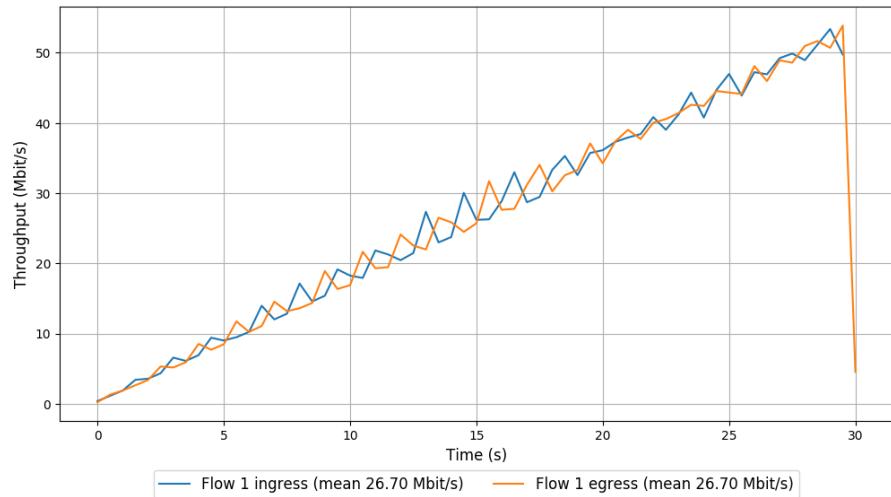


```
Run 1: Statistics of LEDBAT
```

```
Start at: Wed, 05 Jul 2017 07:25:40 +0000
End at: Wed, 05 Jul 2017 07:26:10 +0000
Local clock offset: 0.264 ms
Remote clock offset: -5.568 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:29:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 26.70 Mbit/s
95th percentile per-packet one-way delay: 64.466 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 26.70 Mbit/s
95th percentile per-packet one-way delay: 64.466 ms
Loss rate: 0.00%
```

## Run 1: Report of LEDBAT — Data Link

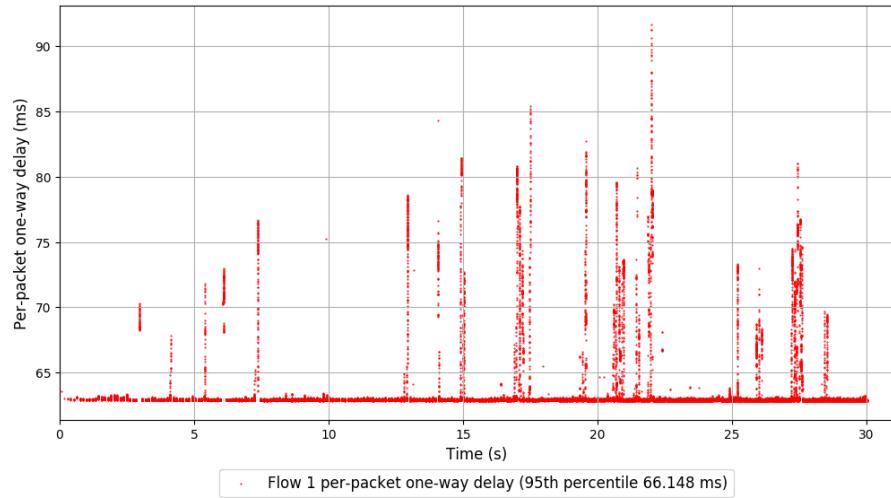
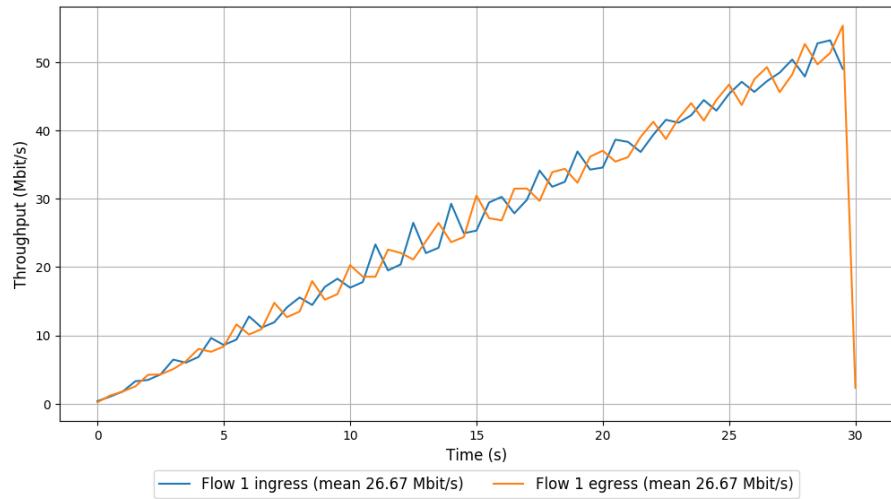


Run 2: Statistics of LEDBAT

```
Start at: Wed, 05 Jul 2017 07:43:14 +0000
End at: Wed, 05 Jul 2017 07:43:44 +0000
Local clock offset: 0.291 ms
Remote clock offset: -5.206 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:29:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 26.67 Mbit/s
95th percentile per-packet one-way delay: 66.148 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 26.67 Mbit/s
95th percentile per-packet one-way delay: 66.148 ms
Loss rate: 0.00%
```

## Run 2: Report of LEDBAT — Data Link

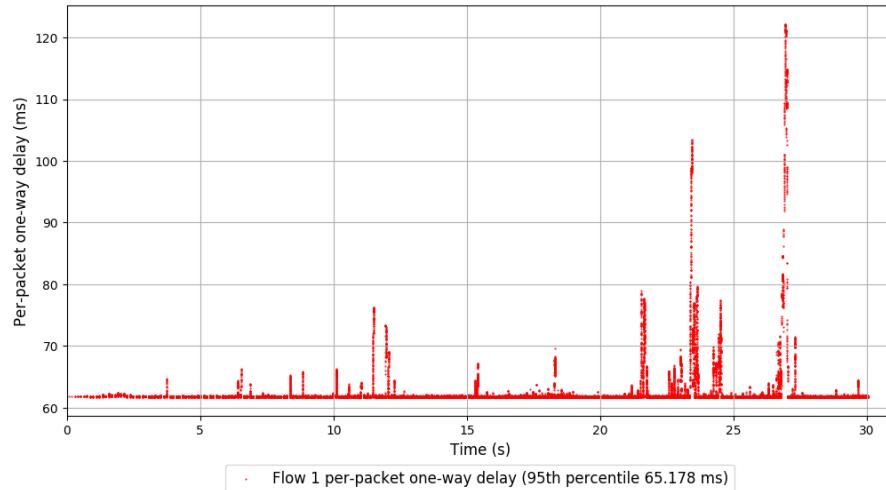
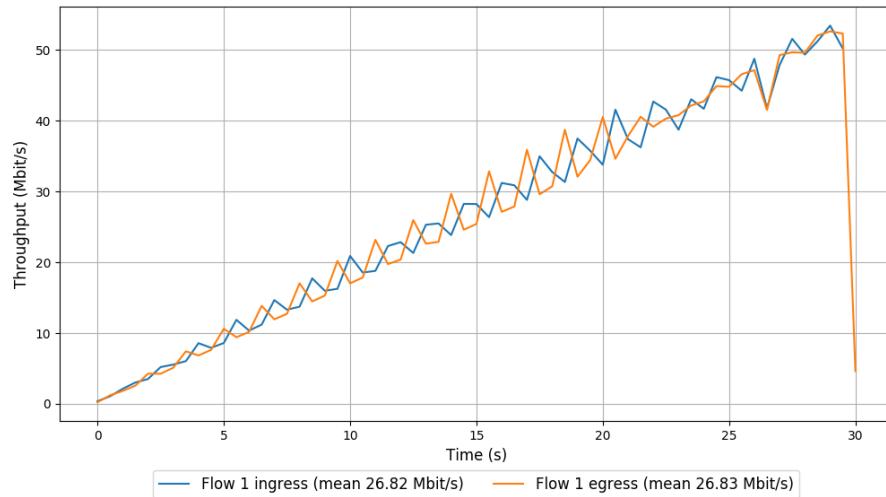


Run 3: Statistics of LEDBAT

```
Start at: Wed, 05 Jul 2017 08:00:44 +0000
End at: Wed, 05 Jul 2017 08:01:14 +0000
Local clock offset: 0.272 ms
Remote clock offset: -4.745 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:29:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 26.83 Mbit/s
95th percentile per-packet one-way delay: 65.178 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 26.83 Mbit/s
95th percentile per-packet one-way delay: 65.178 ms
Loss rate: 0.00%
```

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

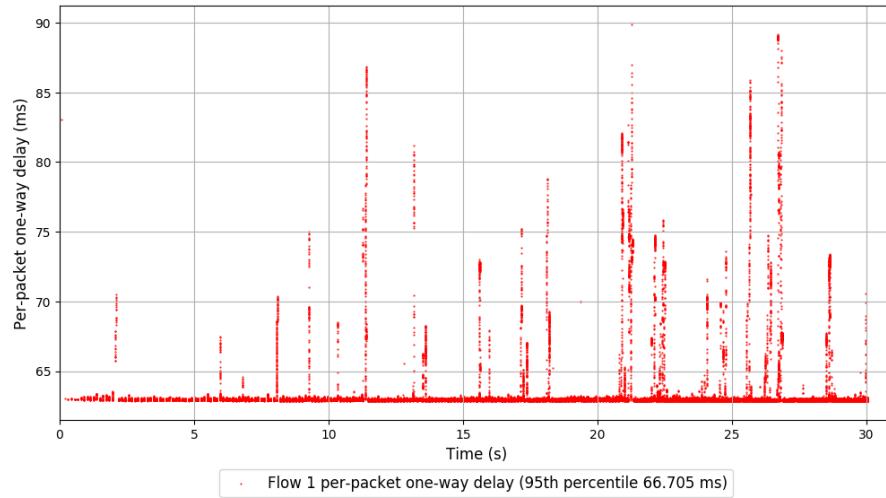
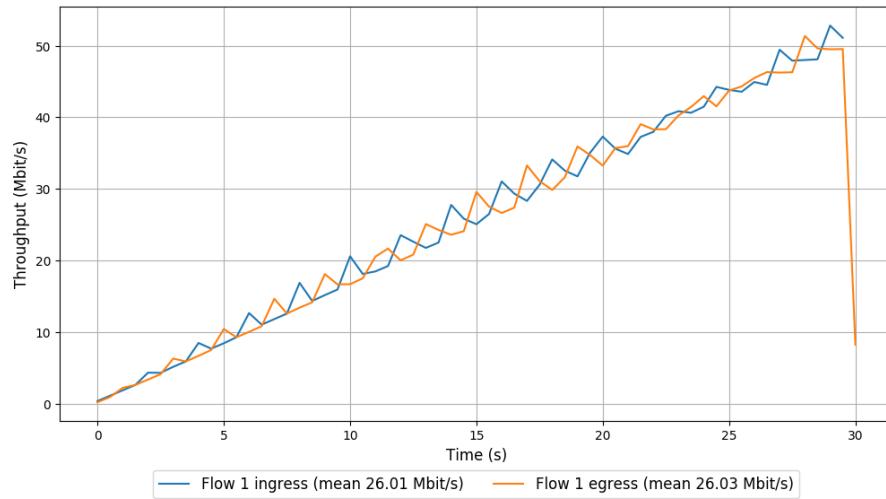


Run 4: Statistics of LEDBAT

```
Start at: Wed, 05 Jul 2017 08:18:22 +0000
End at: Wed, 05 Jul 2017 08:18:52 +0000
Local clock offset: 0.277 ms
Remote clock offset: -4.157 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:29:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 26.03 Mbit/s
95th percentile per-packet one-way delay: 66.705 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 26.03 Mbit/s
95th percentile per-packet one-way delay: 66.705 ms
Loss rate: 0.00%
```

## Run 4: Report of LEDBAT — Data Link

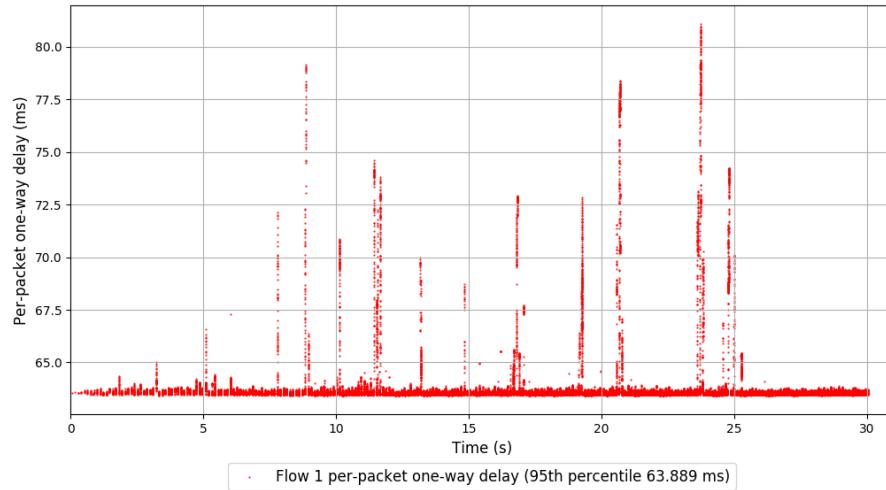
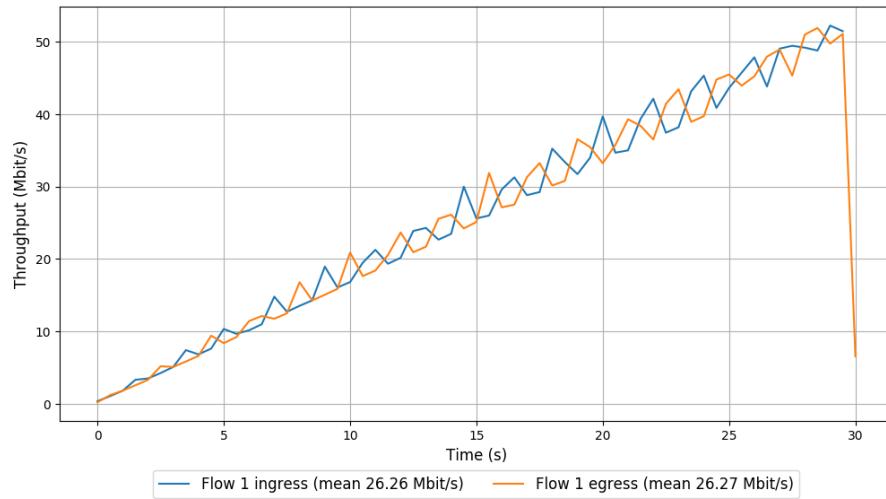


Run 5: Statistics of LEDBAT

```
Start at: Wed, 05 Jul 2017 08:35:51 +0000
End at: Wed, 05 Jul 2017 08:36:21 +0000
Local clock offset: 0.251 ms
Remote clock offset: -4.581 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:29:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 26.27 Mbit/s
95th percentile per-packet one-way delay: 63.889 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 26.27 Mbit/s
95th percentile per-packet one-way delay: 63.889 ms
Loss rate: 0.00%
```

## Run 5: Report of LEDBAT — Data Link

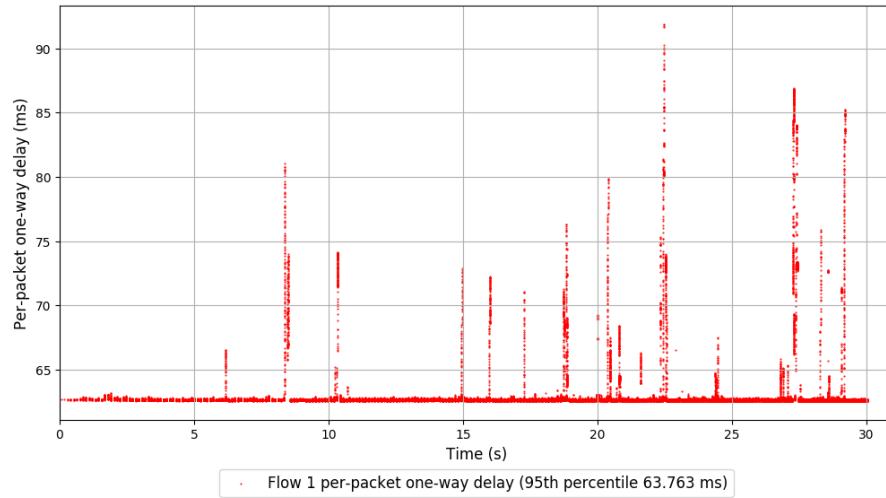
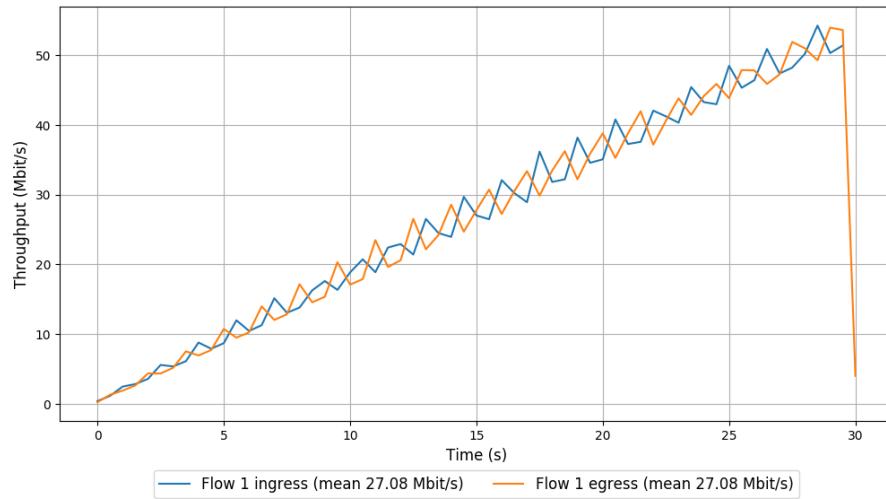


Run 6: Statistics of LEDBAT

```
Start at: Wed, 05 Jul 2017 08:53:21 +0000
End at: Wed, 05 Jul 2017 08:53:51 +0000
Local clock offset: 0.274 ms
Remote clock offset: -4.848 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:29:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 27.08 Mbit/s
95th percentile per-packet one-way delay: 63.763 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 27.08 Mbit/s
95th percentile per-packet one-way delay: 63.763 ms
Loss rate: 0.00%
```

Run 6: Report of LEDBAT — Data Link

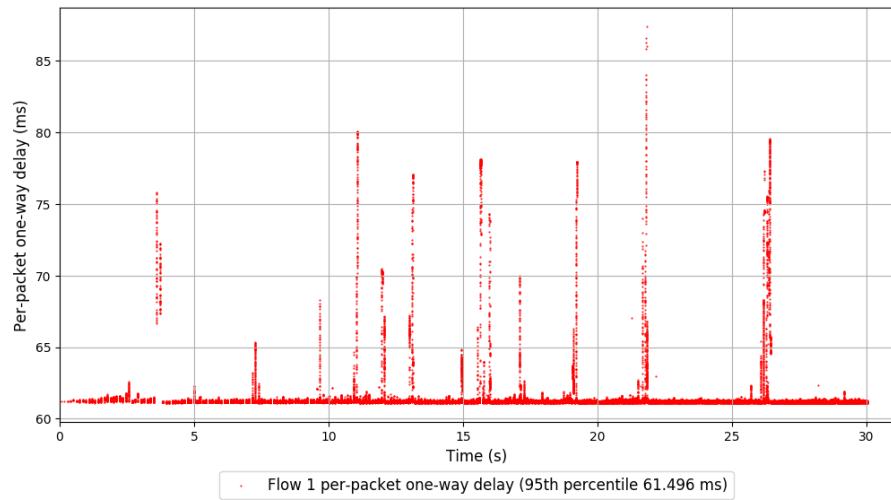
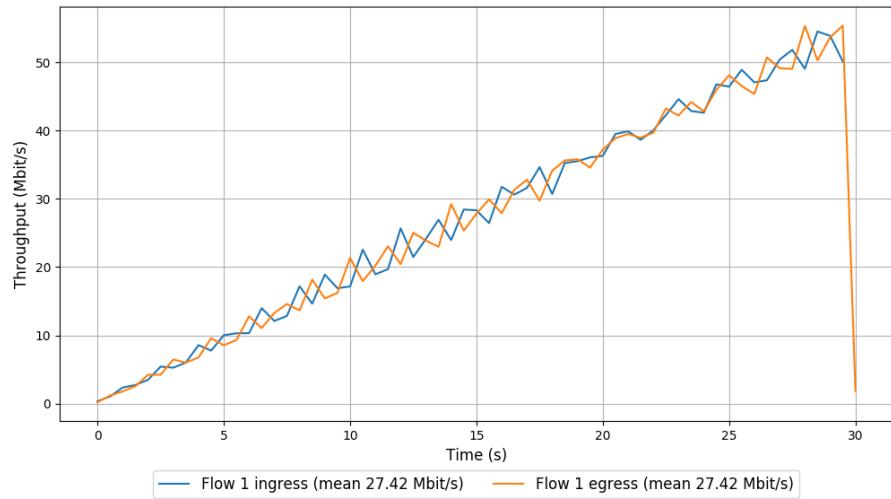


Run 7: Statistics of LEDBAT

```
Start at: Wed, 05 Jul 2017 09:10:50 +0000
End at: Wed, 05 Jul 2017 09:11:21 +0000
Local clock offset: 0.283 ms
Remote clock offset: -4.574 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:29:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 27.42 Mbit/s
95th percentile per-packet one-way delay: 61.496 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 27.42 Mbit/s
95th percentile per-packet one-way delay: 61.496 ms
Loss rate: 0.00%
```

Run 7: Report of LEDBAT — Data Link

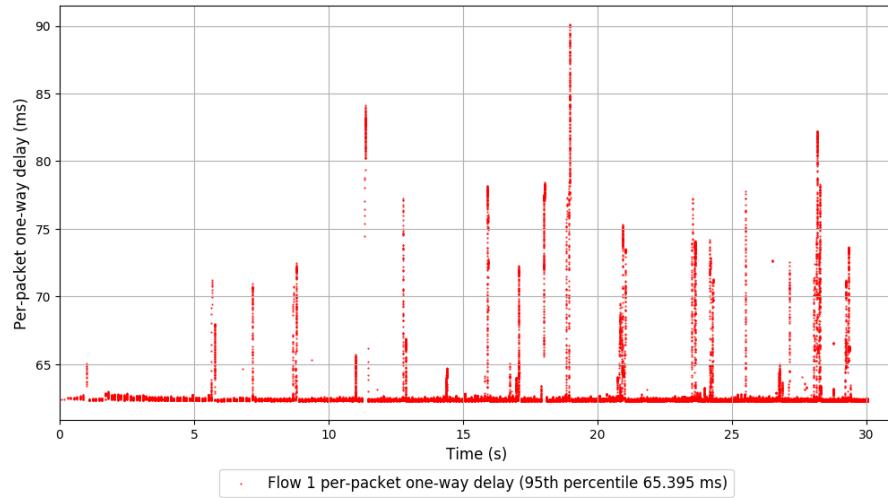
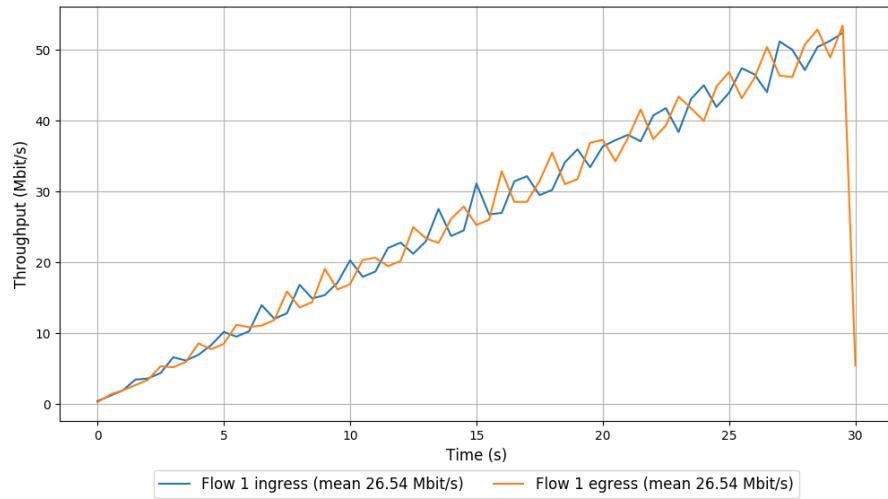


Run 8: Statistics of LEDBAT

```
Start at: Wed, 05 Jul 2017 09:28:21 +0000
End at: Wed, 05 Jul 2017 09:28:51 +0000
Local clock offset: 0.307 ms
Remote clock offset: -4.644 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:29:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 26.54 Mbit/s
95th percentile per-packet one-way delay: 65.395 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 26.54 Mbit/s
95th percentile per-packet one-way delay: 65.395 ms
Loss rate: 0.01%
```

Run 8: Report of LEDBAT — Data Link

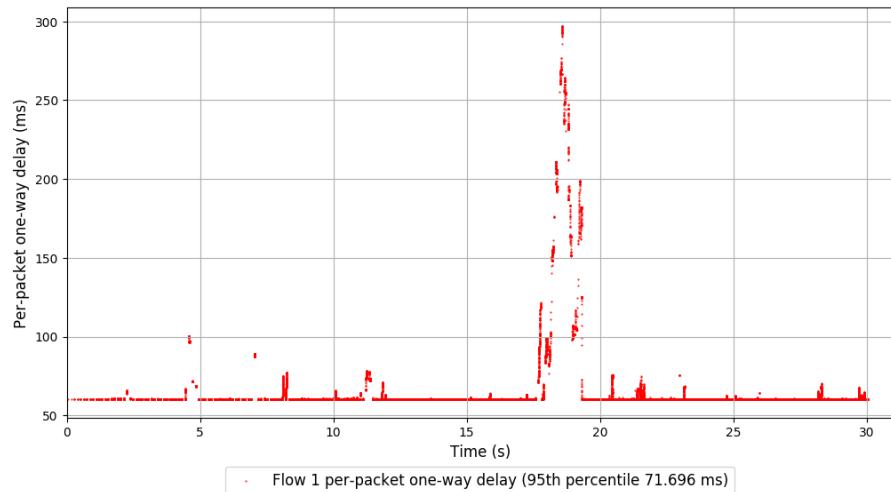
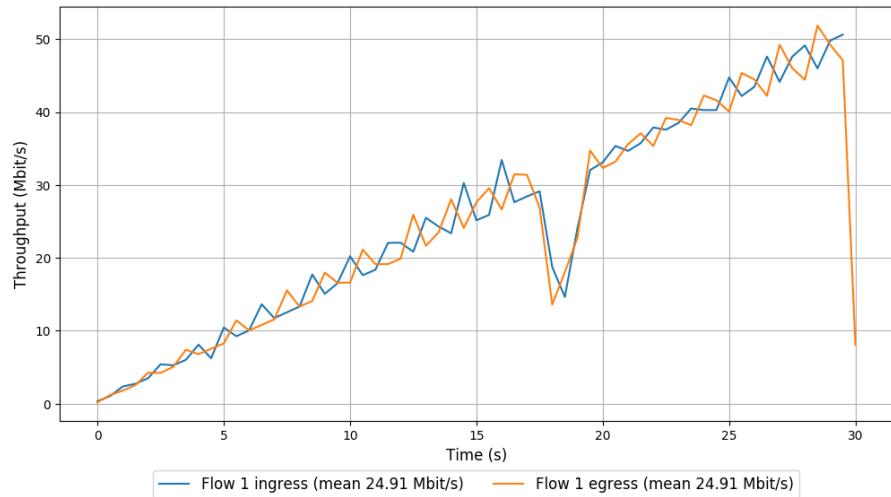


Run 9: Statistics of LEDBAT

```
Start at: Wed, 05 Jul 2017 09:45:51 +0000
End at: Wed, 05 Jul 2017 09:46:22 +0000
Local clock offset: 0.273 ms
Remote clock offset: -3.591 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:30:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.91 Mbit/s
95th percentile per-packet one-way delay: 71.696 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.91 Mbit/s
95th percentile per-packet one-way delay: 71.696 ms
Loss rate: 0.00%
```

Run 9: Report of LEDBAT — Data Link

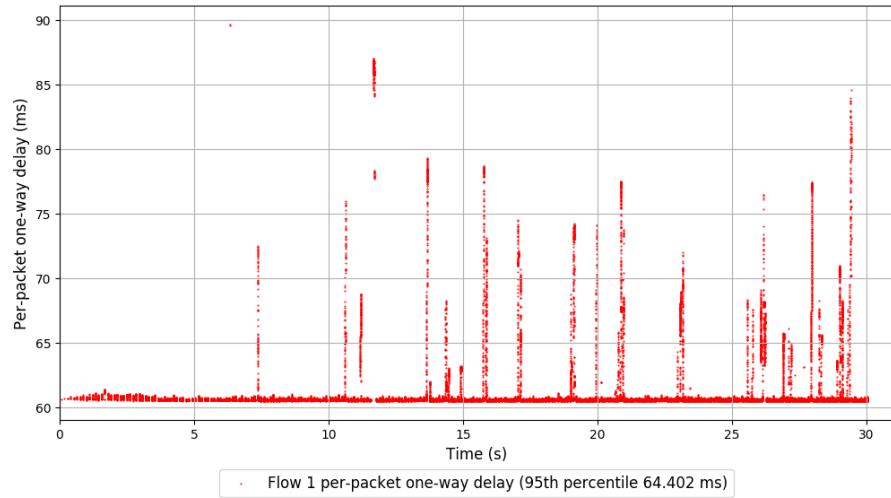
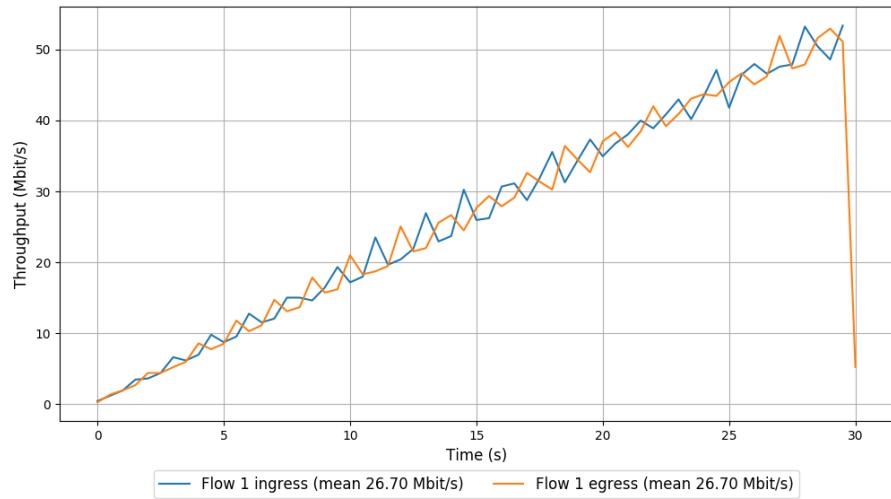


Run 10: Statistics of LEDBAT

```
Start at: Wed, 05 Jul 2017 10:03:22 +0000
End at: Wed, 05 Jul 2017 10:03:52 +0000
Local clock offset: 0.32 ms
Remote clock offset: -3.242 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:30:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 26.70 Mbit/s
95th percentile per-packet one-way delay: 64.402 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 26.70 Mbit/s
95th percentile per-packet one-way delay: 64.402 ms
Loss rate: 0.02%
```

## Run 10: Report of LEDBAT — Data Link

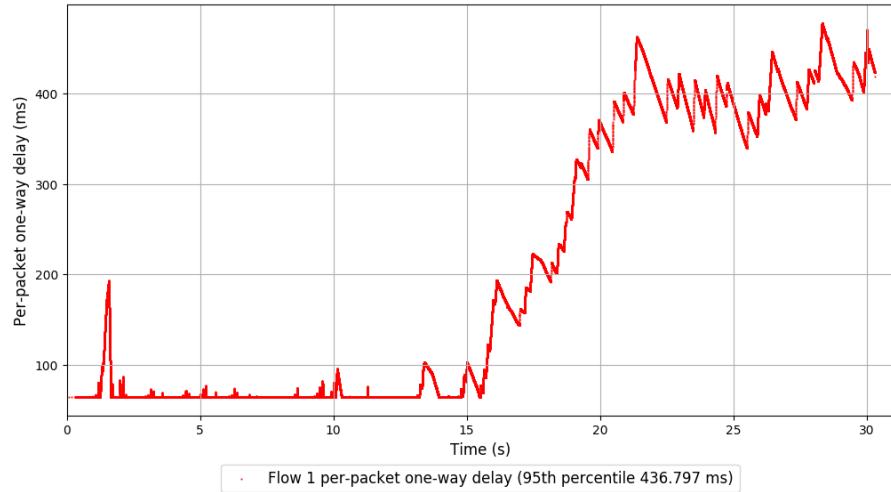
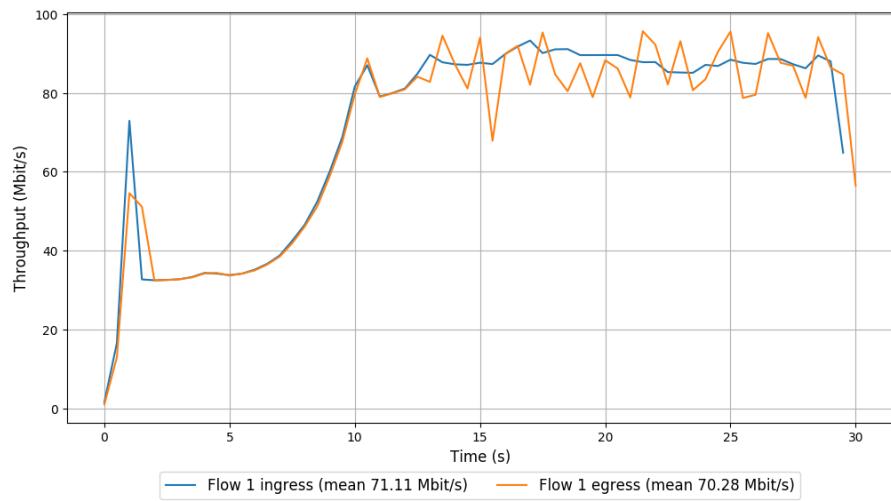


Run 1: Statistics of PCC

```
Start at: Wed, 05 Jul 2017 07:18:28 +0000
End at: Wed, 05 Jul 2017 07:18:58 +0000
Local clock offset: 0.239 ms
Remote clock offset: -6.047 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:30:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.28 Mbit/s
95th percentile per-packet one-way delay: 436.797 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 70.28 Mbit/s
95th percentile per-packet one-way delay: 436.797 ms
Loss rate: 0.00%
```

### Run 1: Report of PCC — Data Link

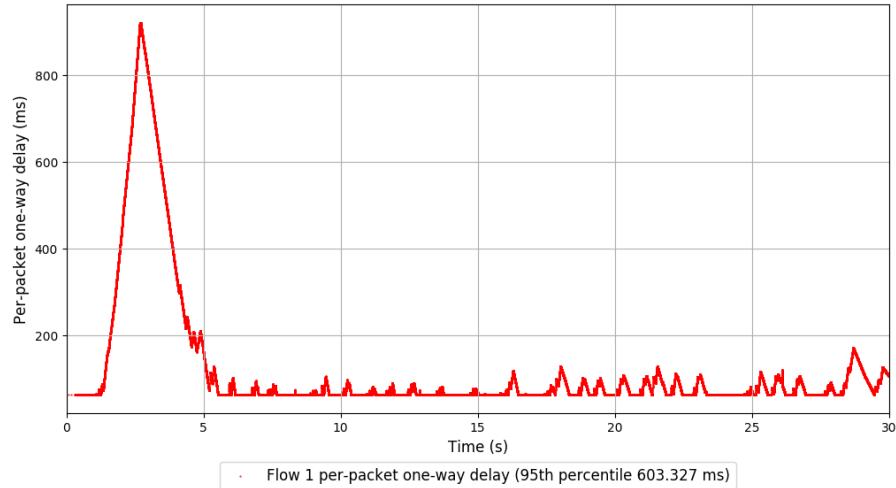
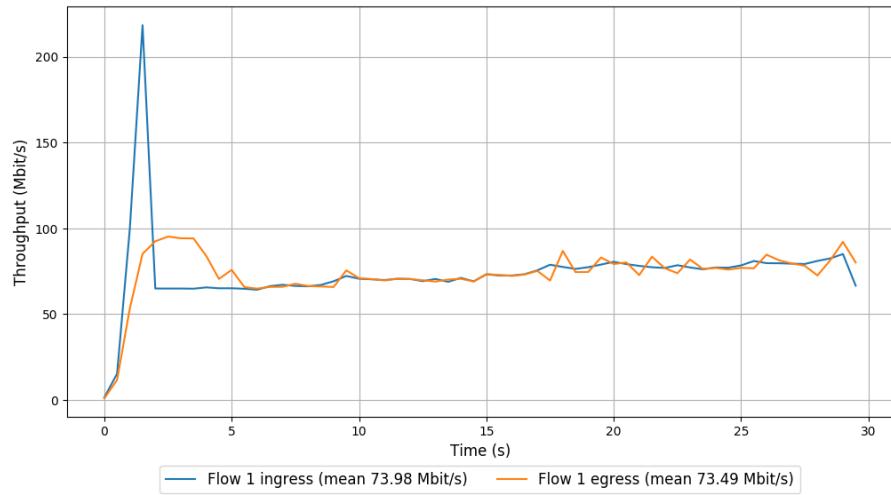


Run 2: Statistics of PCC

```
Start at: Wed, 05 Jul 2017 07:36:02 +0000
End at: Wed, 05 Jul 2017 07:36:32 +0000
Local clock offset: 0.265 ms
Remote clock offset: -5.468 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:30:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.49 Mbit/s
95th percentile per-packet one-way delay: 603.327 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 73.49 Mbit/s
95th percentile per-packet one-way delay: 603.327 ms
Loss rate: 0.52%
```

## Run 2: Report of PCC — Data Link

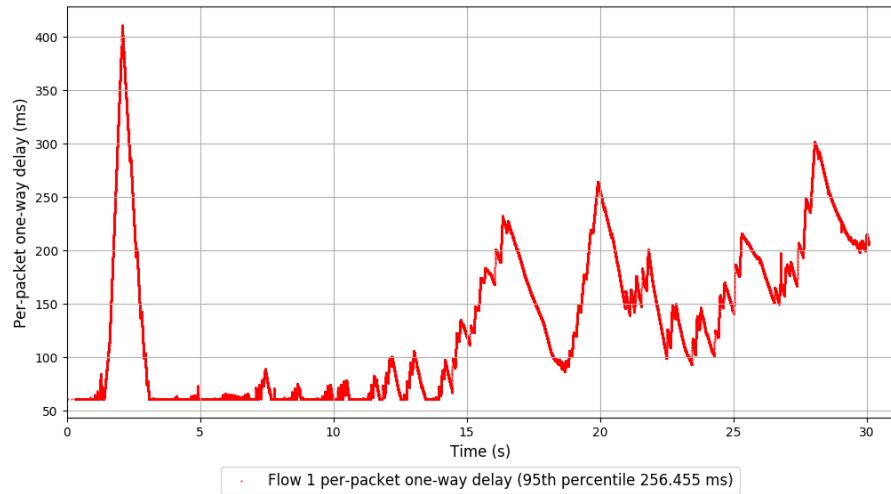
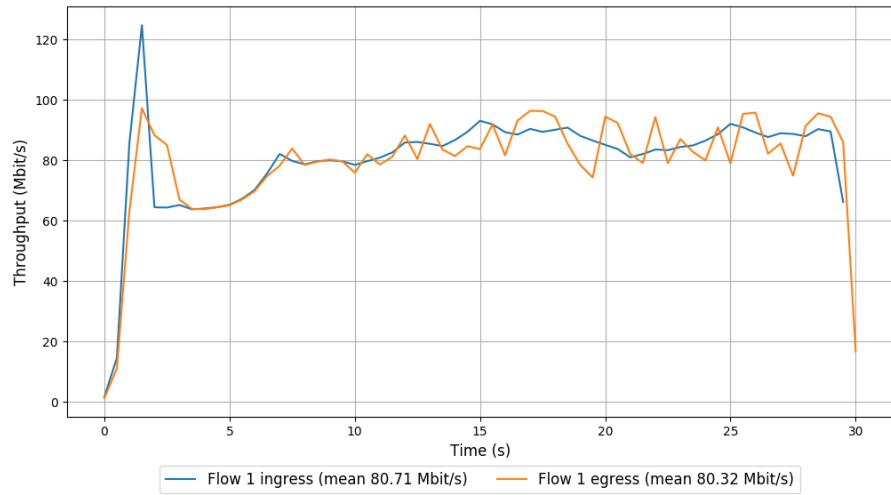


Run 3: Statistics of PCC

```
Start at: Wed, 05 Jul 2017 07:53:31 +0000
End at: Wed, 05 Jul 2017 07:54:02 +0000
Local clock offset: 0.229 ms
Remote clock offset: -5.073 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:30:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.32 Mbit/s
95th percentile per-packet one-way delay: 256.455 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 80.32 Mbit/s
95th percentile per-packet one-way delay: 256.455 ms
Loss rate: 0.00%
```

### Run 3: Report of PCC — Data Link

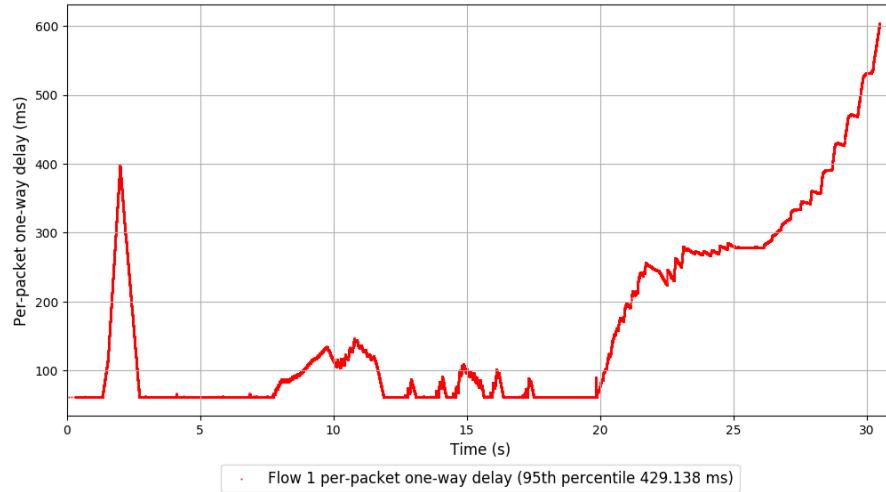
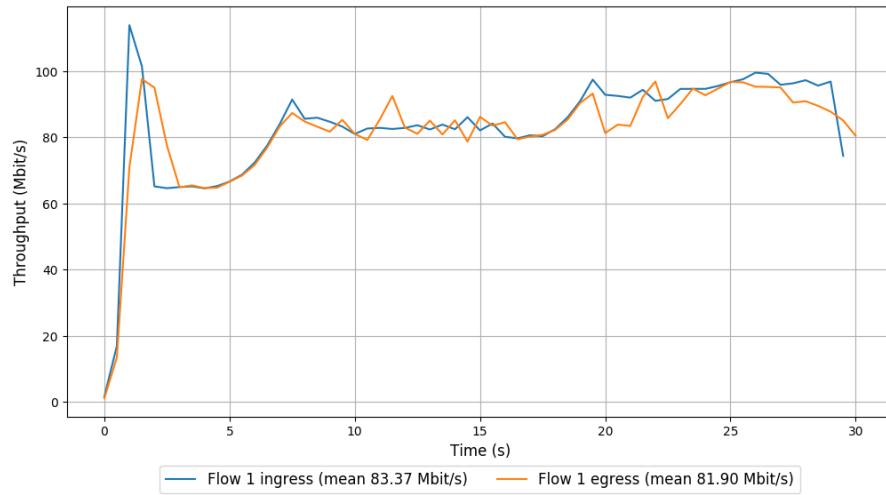


Run 4: Statistics of PCC

```
Start at: Wed, 05 Jul 2017 08:11:08 +0000
End at: Wed, 05 Jul 2017 08:11:38 +0000
Local clock offset: 0.279 ms
Remote clock offset: -4.246 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:30:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.90 Mbit/s
95th percentile per-packet one-way delay: 429.138 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 81.90 Mbit/s
95th percentile per-packet one-way delay: 429.138 ms
Loss rate: 0.00%
```

## Run 4: Report of PCC — Data Link



Run 5: Statistics of PCC

Start at: Wed, 05 Jul 2017 08:28:45 +0000  
End at: Wed, 05 Jul 2017 08:29:15 +0000  
Local clock offset: 0.289 ms  
Remote clock offset: -4.452 ms

Run 5: Report of PCC — Data Link

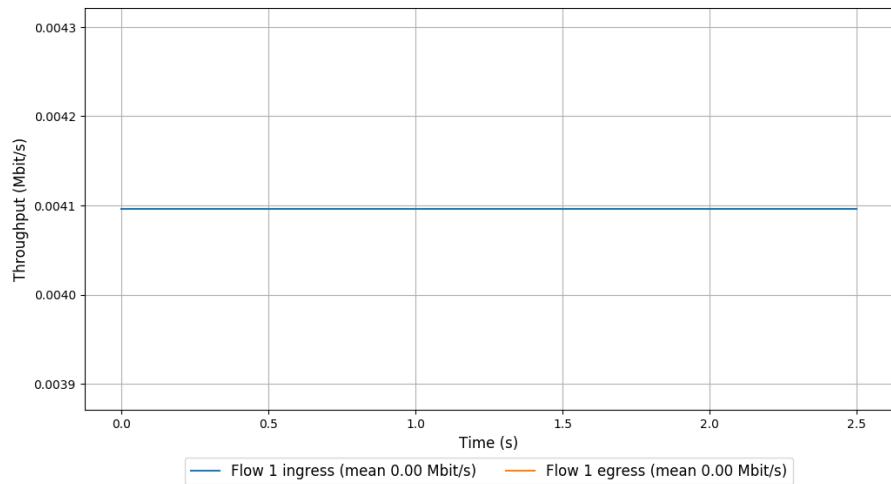


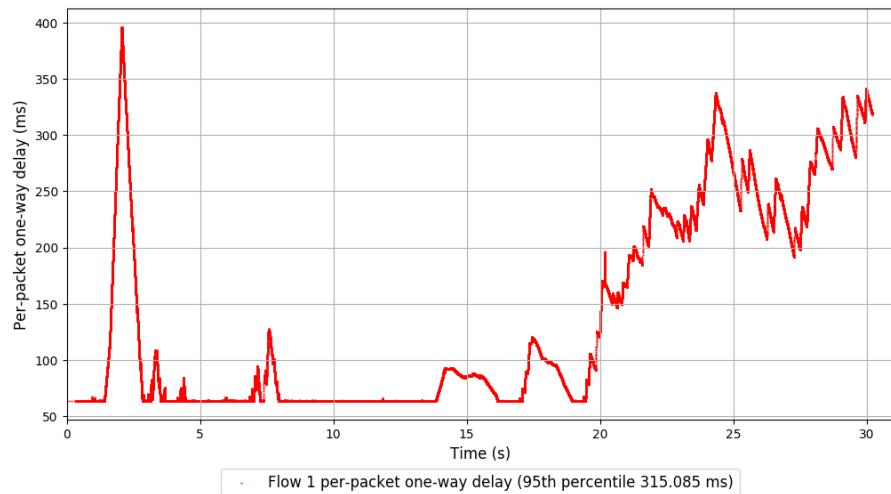
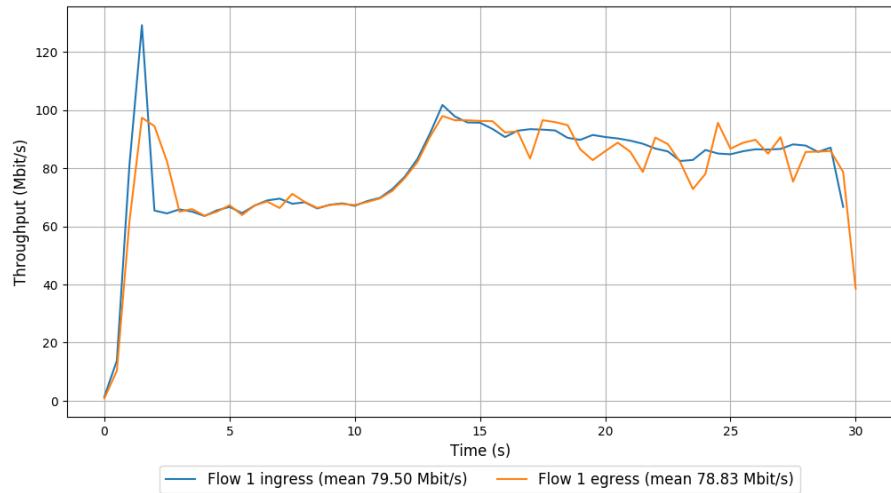
Figure is missing

Run 6: Statistics of PCC

```
Start at: Wed, 05 Jul 2017 08:46:08 +0000
End at: Wed, 05 Jul 2017 08:46:38 +0000
Local clock offset: 0.197 ms
Remote clock offset: -5.329 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:30:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.83 Mbit/s
95th percentile per-packet one-way delay: 315.085 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 78.83 Mbit/s
95th percentile per-packet one-way delay: 315.085 ms
Loss rate: 0.00%
```

## Run 6: Report of PCC — Data Link

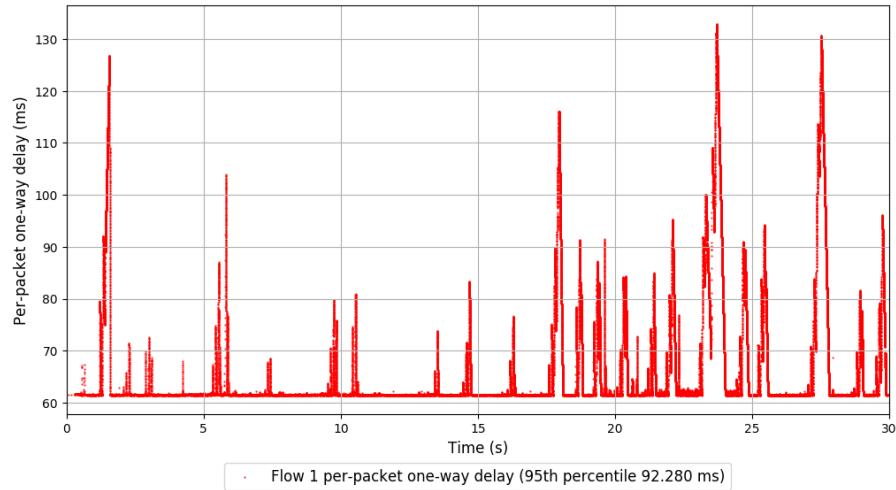
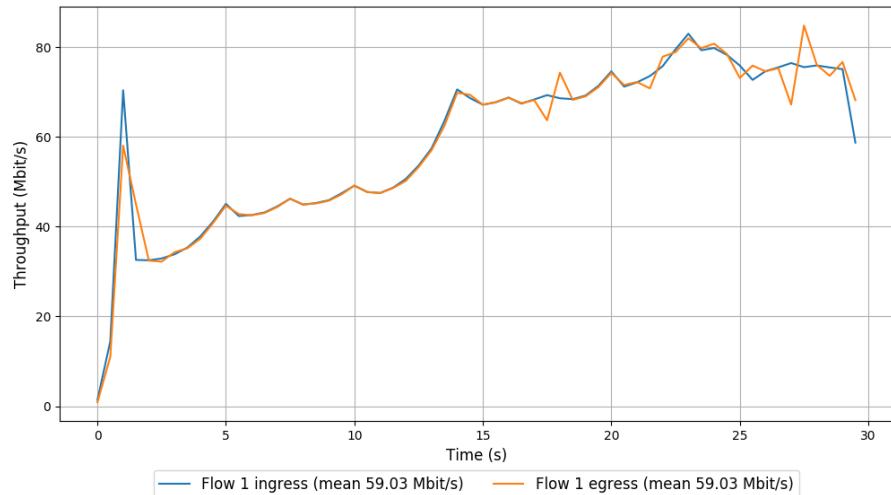


Run 7: Statistics of PCC

```
Start at: Wed, 05 Jul 2017 09:03:39 +0000
End at: Wed, 05 Jul 2017 09:04:09 +0000
Local clock offset: 0.276 ms
Remote clock offset: -5.013 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:30:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 59.03 Mbit/s
95th percentile per-packet one-way delay: 92.280 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 59.03 Mbit/s
95th percentile per-packet one-way delay: 92.280 ms
Loss rate: 0.00%
```

## Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

Start at: Wed, 05 Jul 2017 09:21:14 +0000  
End at: Wed, 05 Jul 2017 09:21:44 +0000  
Local clock offset: 0.323 ms  
Remote clock offset: -4.433 ms

Run 8: Report of PCC — Data Link

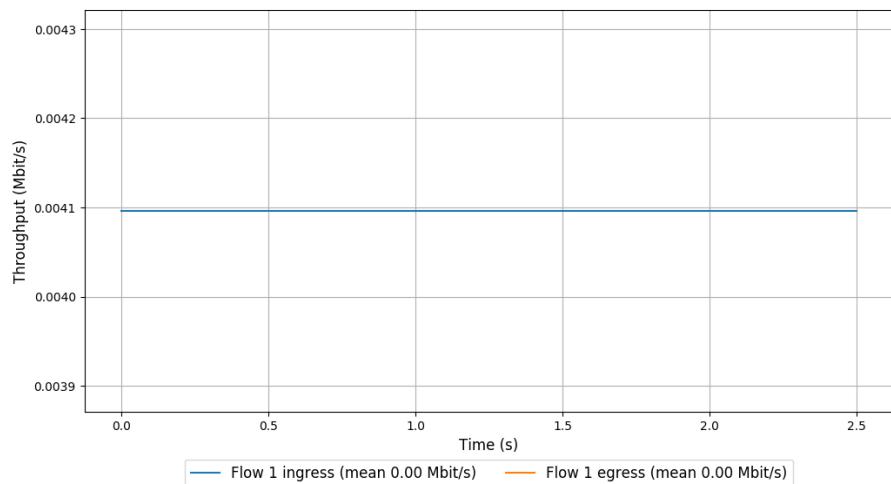


Figure is missing

Run 9: Statistics of PCC

Start at: Wed, 05 Jul 2017 09:38:44 +0000  
End at: Wed, 05 Jul 2017 09:39:14 +0000  
Local clock offset: 0.319 ms  
Remote clock offset: -4.075 ms

Run 9: Report of PCC — Data Link

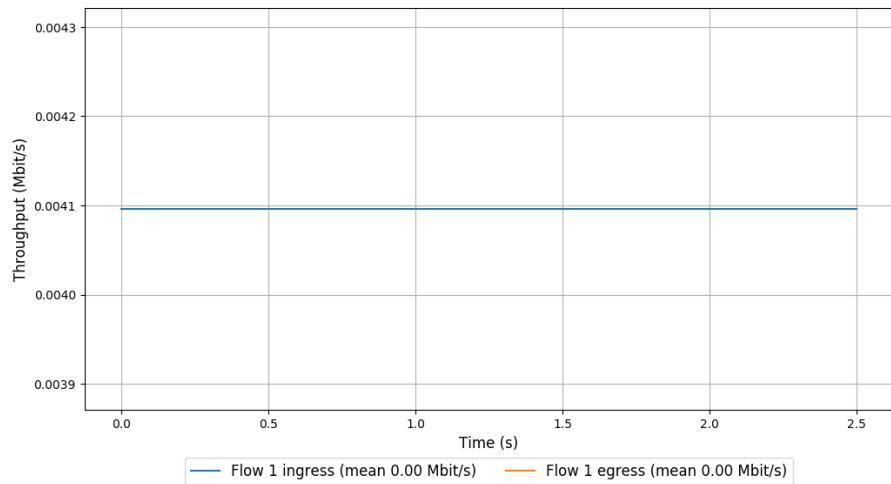


Figure is missing

Run 10: Statistics of PCC

Start at: Wed, 05 Jul 2017 09:56:16 +0000  
End at: Wed, 05 Jul 2017 09:56:46 +0000  
Local clock offset: 0.313 ms  
Remote clock offset: -3.712 ms

Run 10: Report of PCC — Data Link

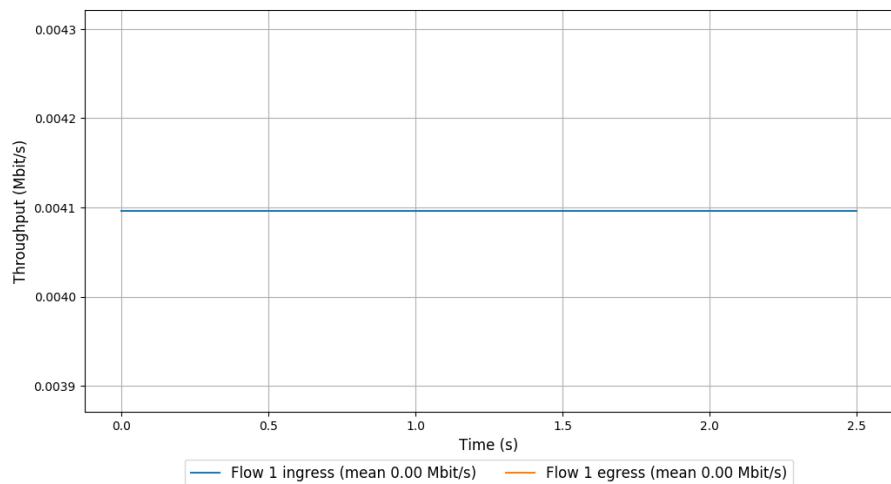


Figure is missing

Run 1: Statistics of QUIC Cubic

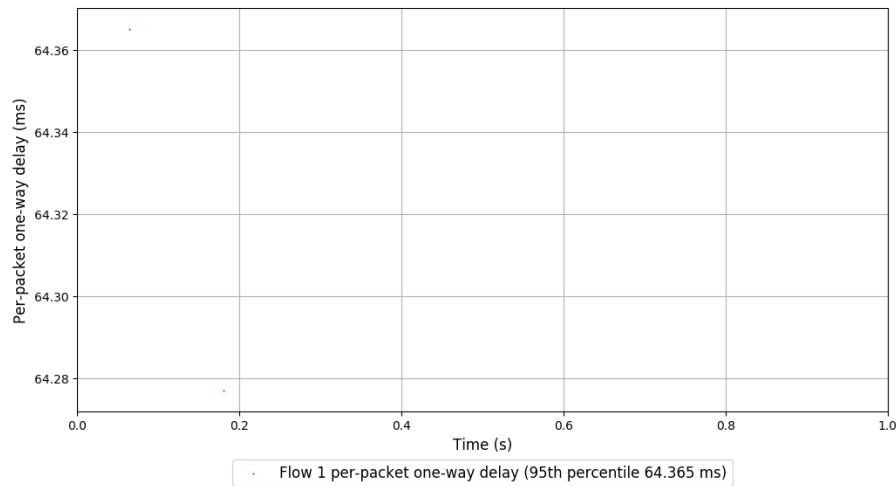
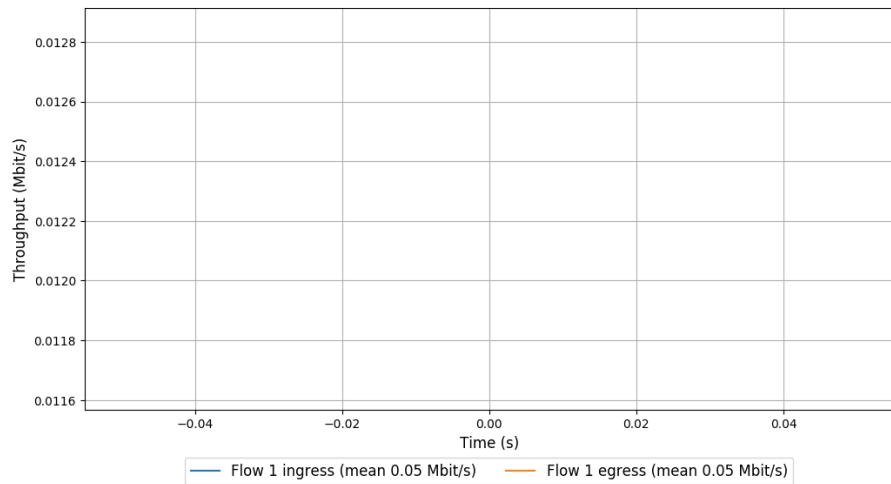
Start at: Wed, 05 Jul 2017 07:17:22 +0000

End at: Wed, 05 Jul 2017 07:17:53 +0000

Local clock offset: 0.287 ms

Remote clock offset: -5.664 ms

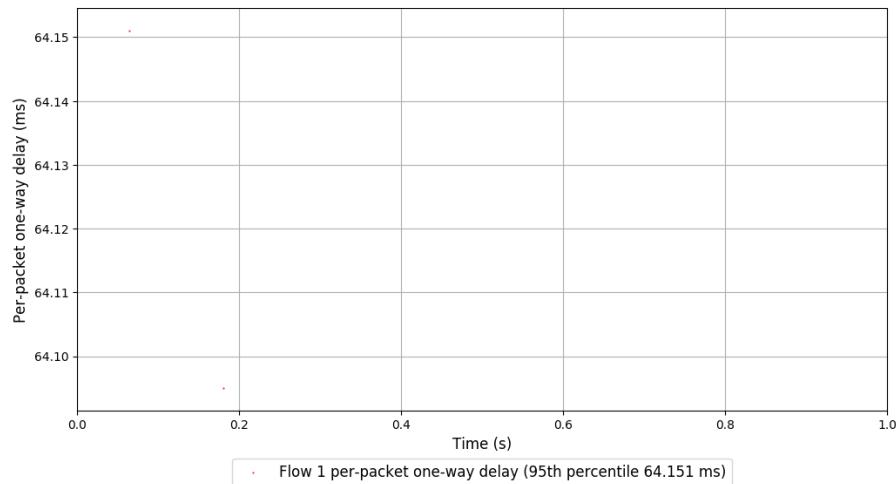
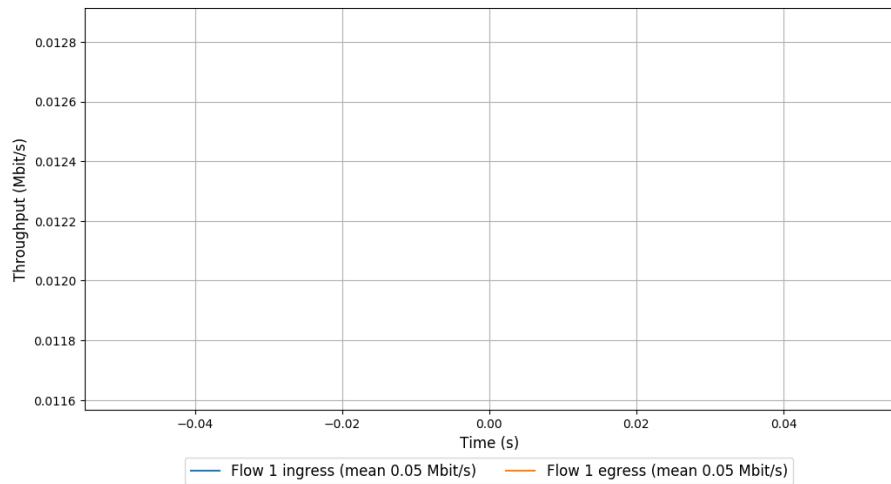
Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: Wed, 05 Jul 2017 07:34:56 +0000  
End at: Wed, 05 Jul 2017 07:35:26 +0000  
Local clock offset: 0.267 ms  
Remote clock offset: -5.542 ms

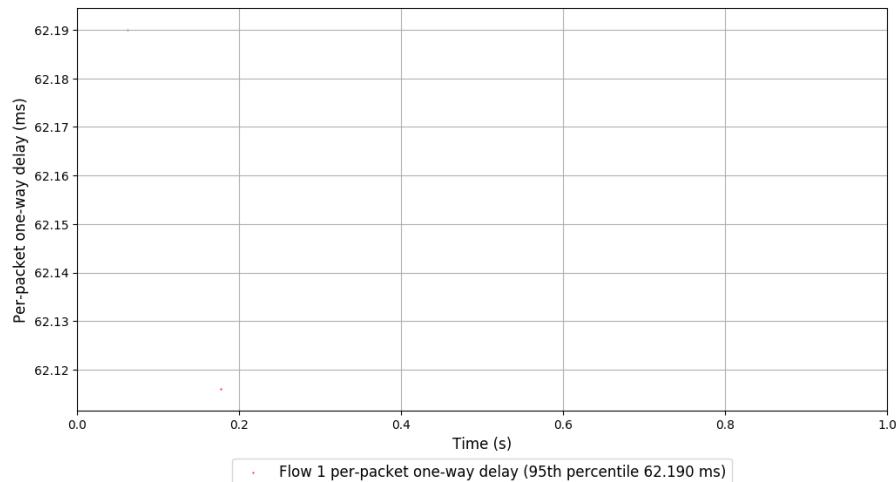
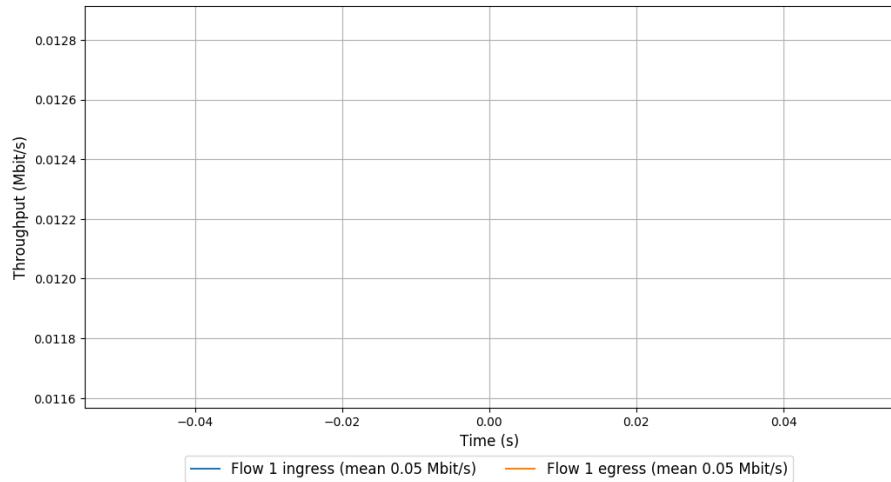
## Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: Wed, 05 Jul 2017 07:52:26 +0000  
End at: Wed, 05 Jul 2017 07:52:56 +0000  
Local clock offset: 0.248 ms  
Remote clock offset: -4.787 ms

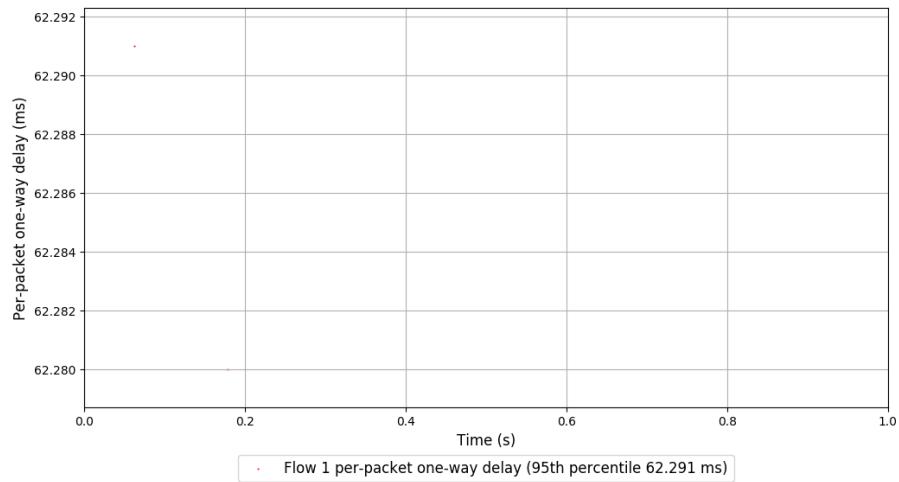
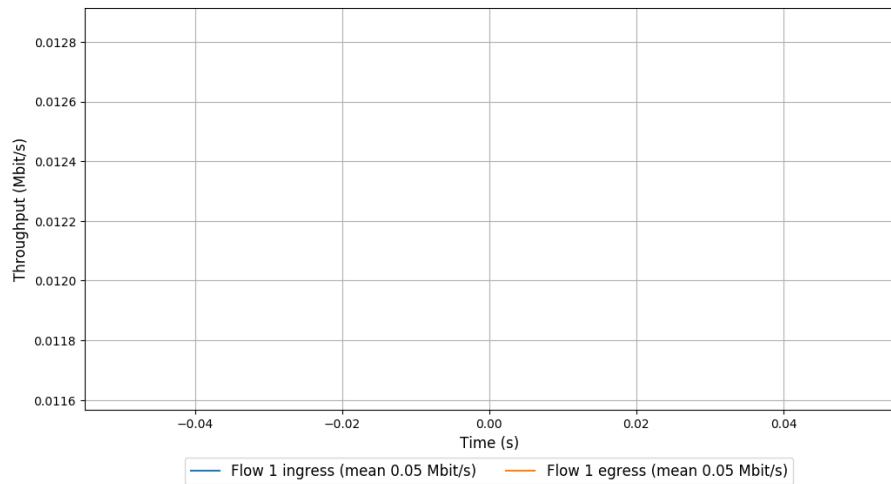
Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: Wed, 05 Jul 2017 08:10:03 +0000  
End at: Wed, 05 Jul 2017 08:10:33 +0000  
Local clock offset: 0.219 ms  
Remote clock offset: -4.324 ms

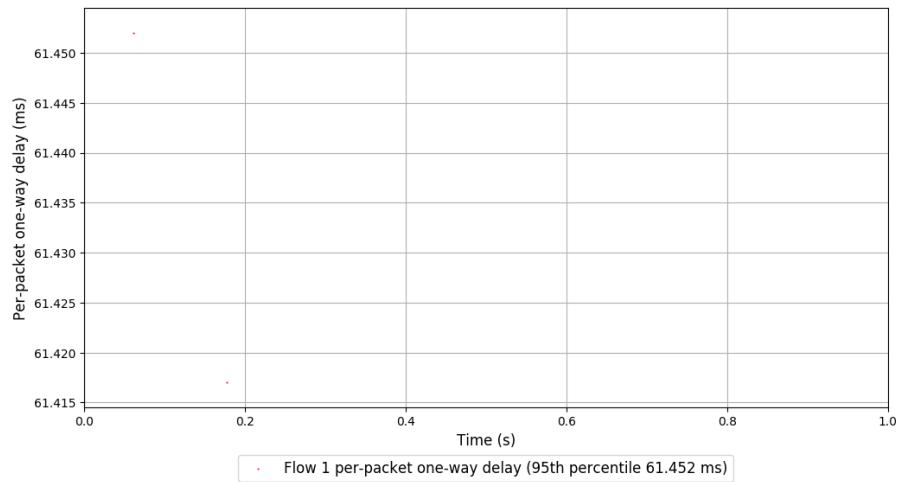
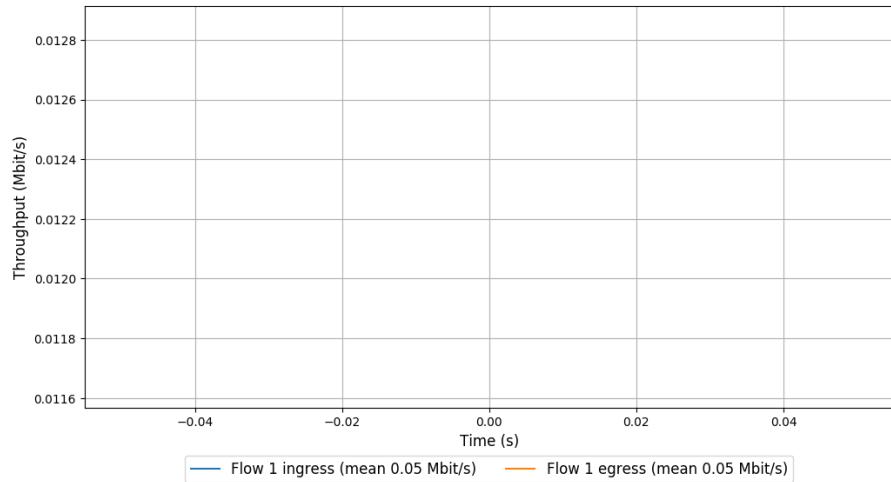
Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: Wed, 05 Jul 2017 08:27:39 +0000  
End at: Wed, 05 Jul 2017 08:28:09 +0000  
Local clock offset: 0.209 ms  
Remote clock offset: -4.348 ms

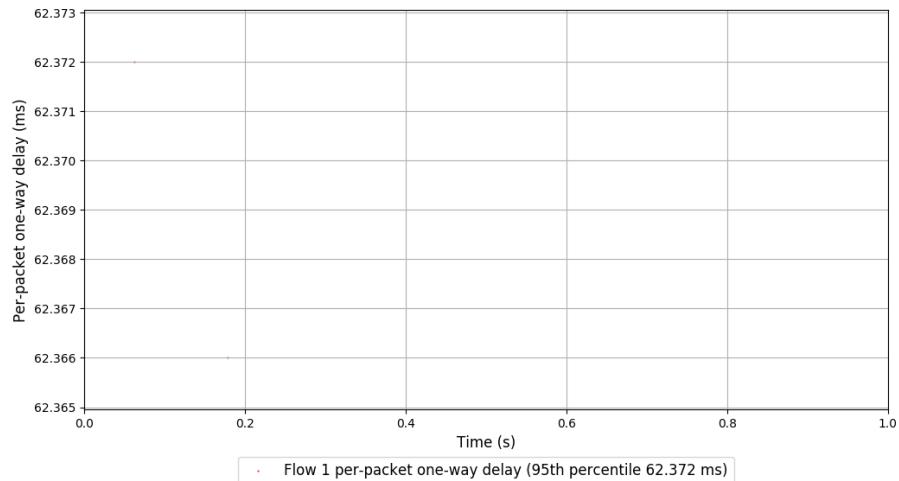
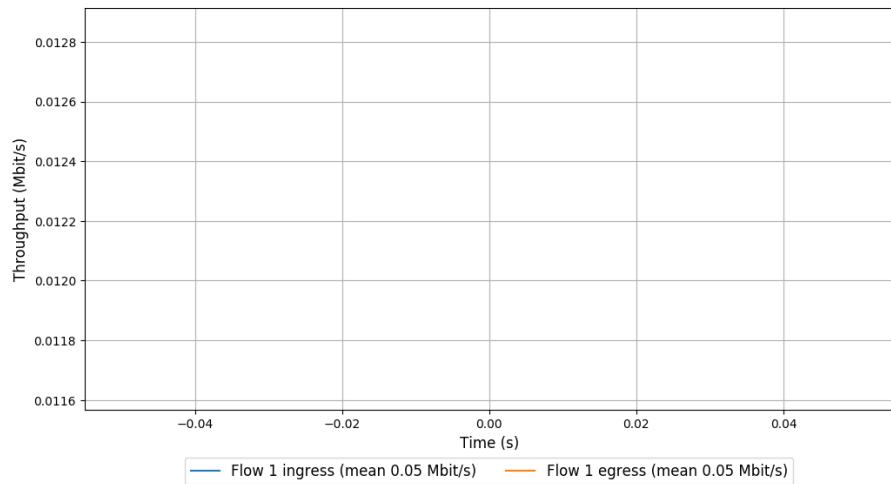
Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: Wed, 05 Jul 2017 08:45:02 +0000  
End at: Wed, 05 Jul 2017 08:45:32 +0000  
Local clock offset: 0.267 ms  
Remote clock offset: -4.929 ms

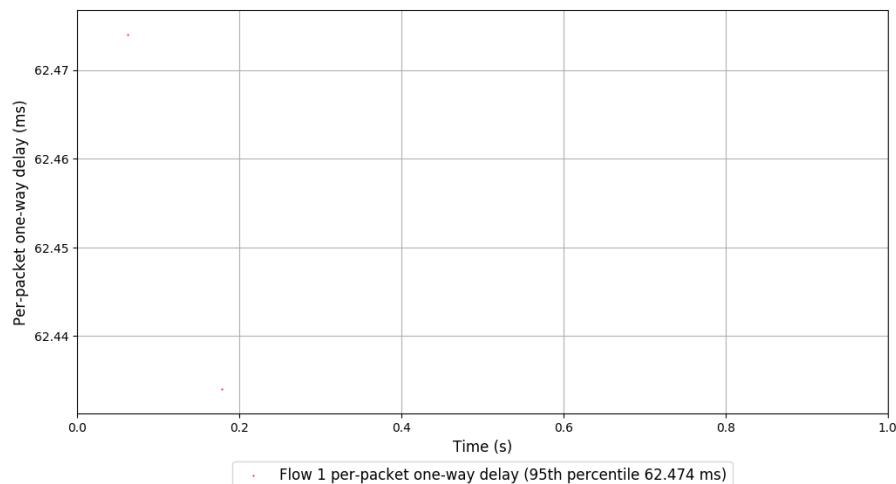
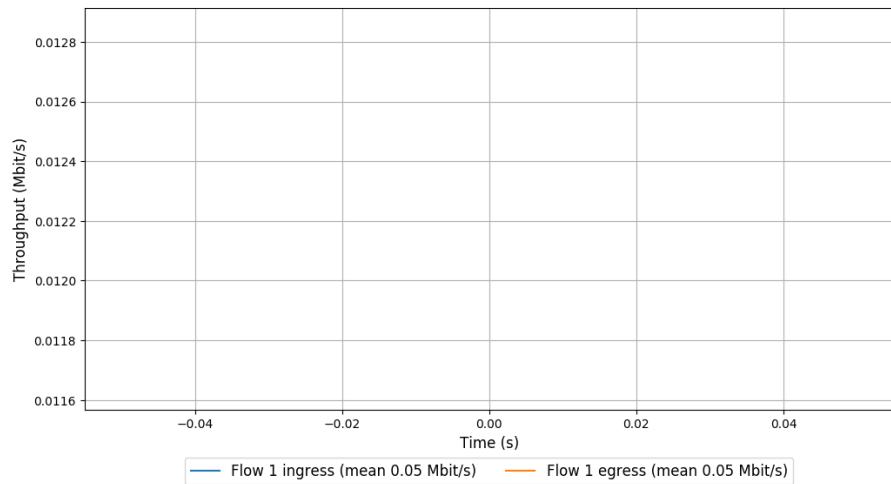
Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: Wed, 05 Jul 2017 09:02:33 +0000  
End at: Wed, 05 Jul 2017 09:03:03 +0000  
Local clock offset: 0.21 ms  
Remote clock offset: -4.821 ms

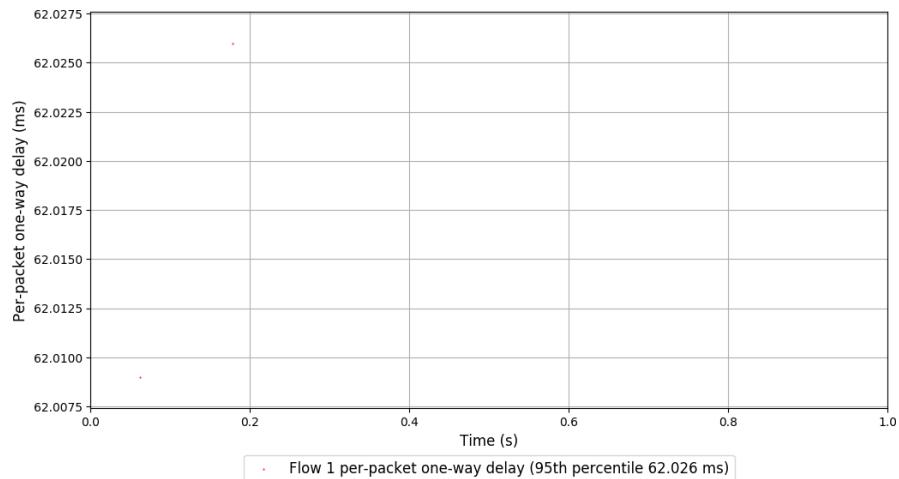
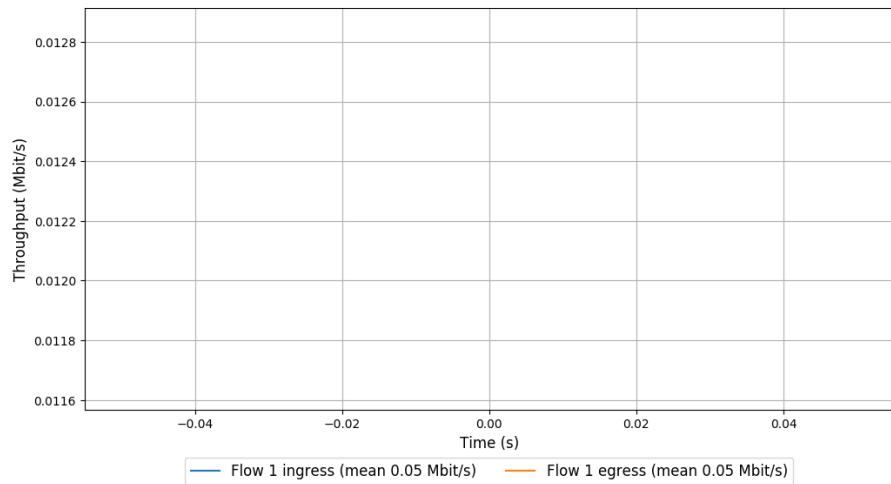
Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: Wed, 05 Jul 2017 09:20:09 +0000  
End at: Wed, 05 Jul 2017 09:20:39 +0000  
Local clock offset: 0.325 ms  
Remote clock offset: -4.37 ms

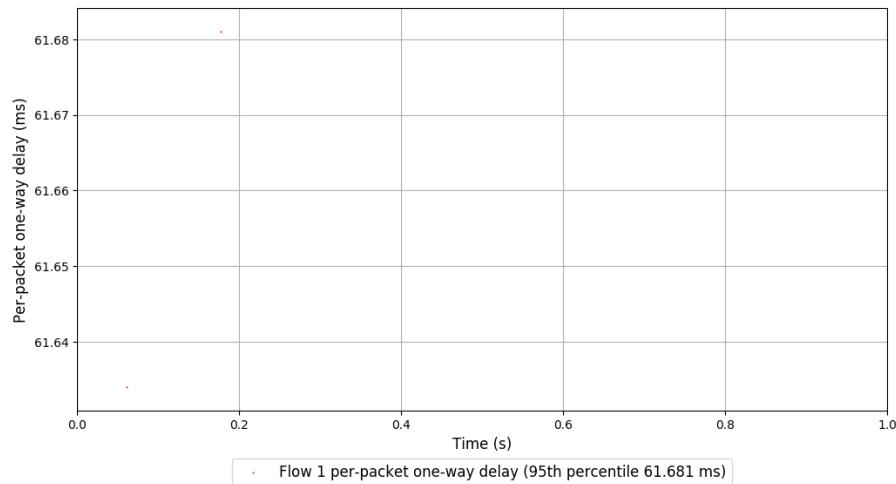
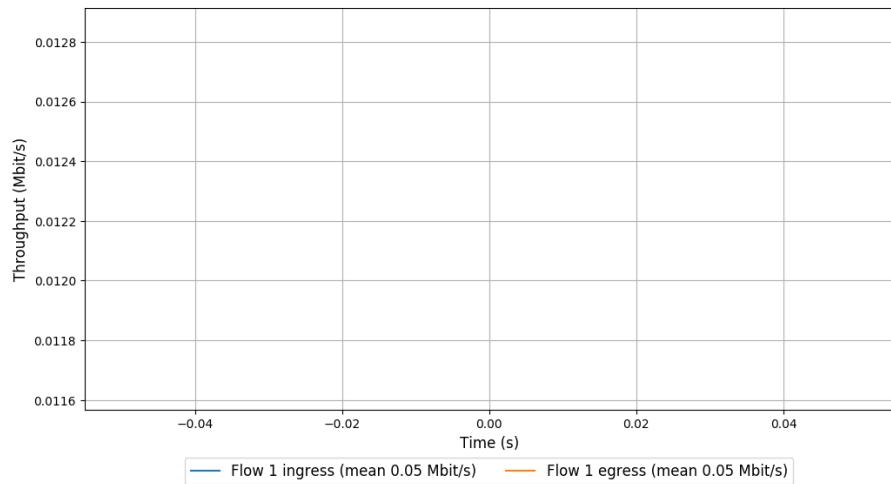
Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: Wed, 05 Jul 2017 09:37:38 +0000  
End at: Wed, 05 Jul 2017 09:38:08 +0000  
Local clock offset: 0.253 ms  
Remote clock offset: -4.268 ms

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

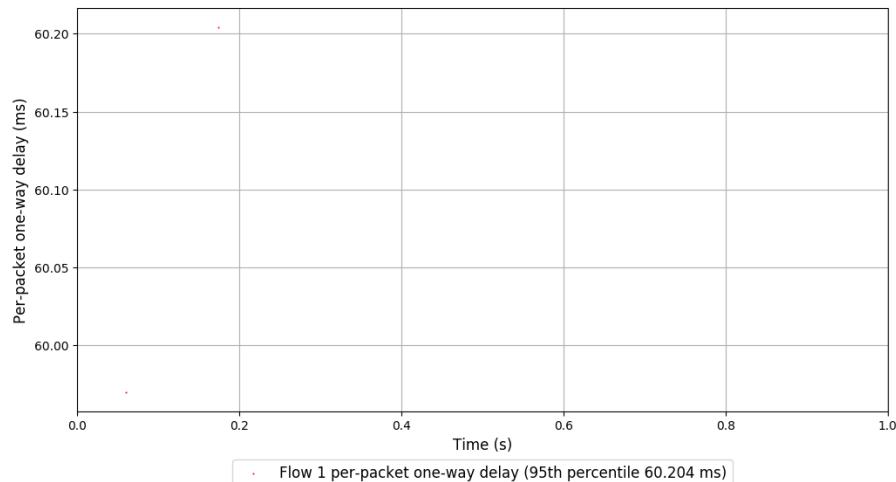
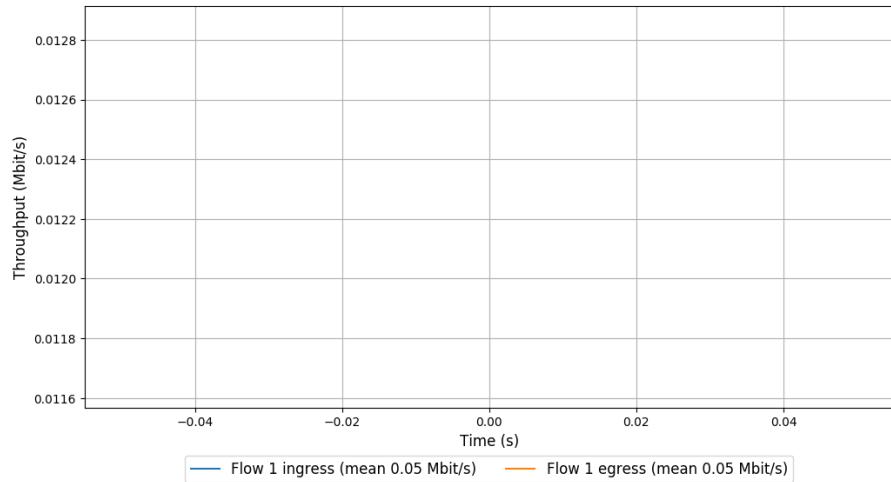
Start at: Wed, 05 Jul 2017 09:55:10 +0000

End at: Wed, 05 Jul 2017 09:55:40 +0000

Local clock offset: 0.355 ms

Remote clock offset: -3.43 ms

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



```
Run 1: Statistics of Saturator
```

```
Start at: Wed, 05 Jul 2017 07:16:14 +0000
```

```
End at: Wed, 05 Jul 2017 07:16:44 +0000
```

```
Local clock offset: 0.293 ms
```

```
Remote clock offset: -5.918 ms
```

```
# Below is generated by plot.py at Wed, 05 Jul 2017 13:30:45 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 20.64 Mbit/s
```

```
95th percentile per-packet one-way delay: 63.890 ms
```

```
Loss rate: 0.00%
```

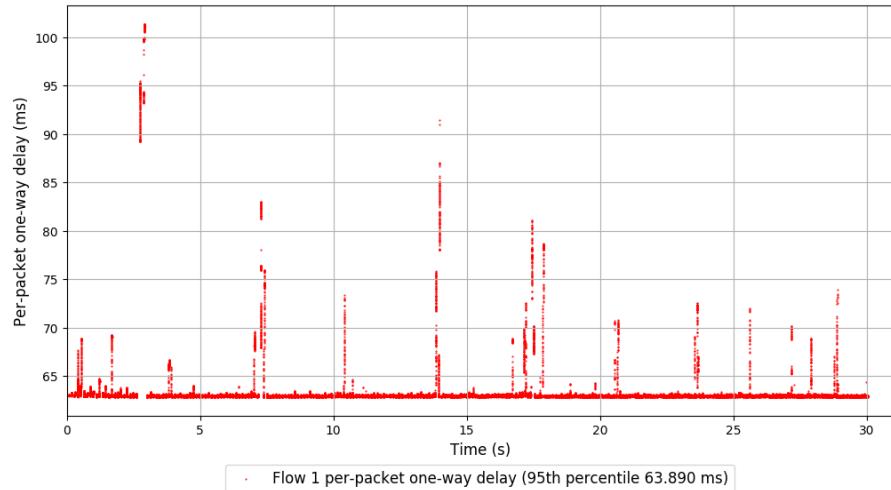
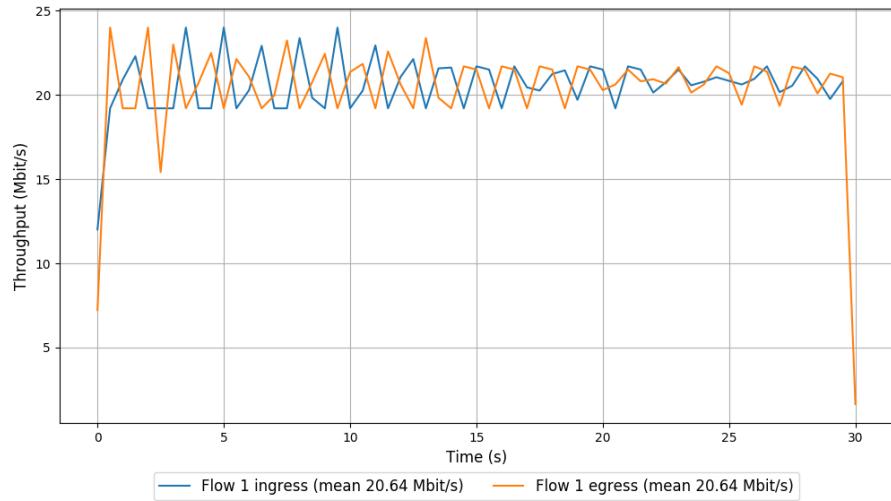
```
-- Flow 1:
```

```
Average throughput: 20.64 Mbit/s
```

```
95th percentile per-packet one-way delay: 63.890 ms
```

```
Loss rate: 0.00%
```

Run 1: Report of Saturator — Data Link

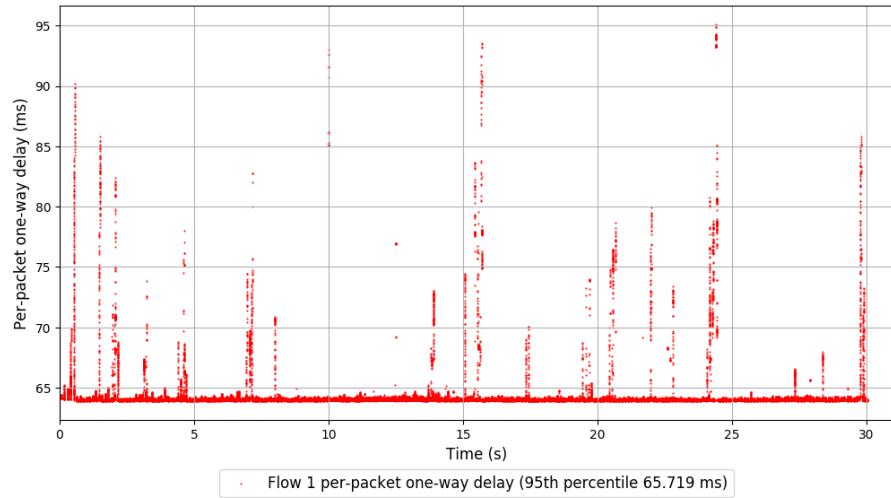
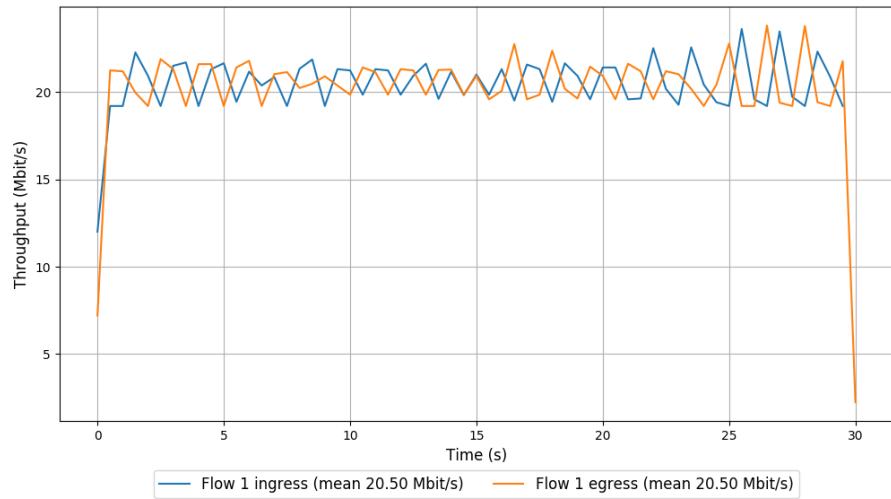


Run 2: Statistics of Saturator

```
Start at: Wed, 05 Jul 2017 07:33:48 +0000
End at: Wed, 05 Jul 2017 07:34:18 +0000
Local clock offset: 0.204 ms
Remote clock offset: -5.847 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:30:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 20.50 Mbit/s
95th percentile per-packet one-way delay: 65.719 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 20.50 Mbit/s
95th percentile per-packet one-way delay: 65.719 ms
Loss rate: 0.00%
```

Run 2: Report of Saturator — Data Link

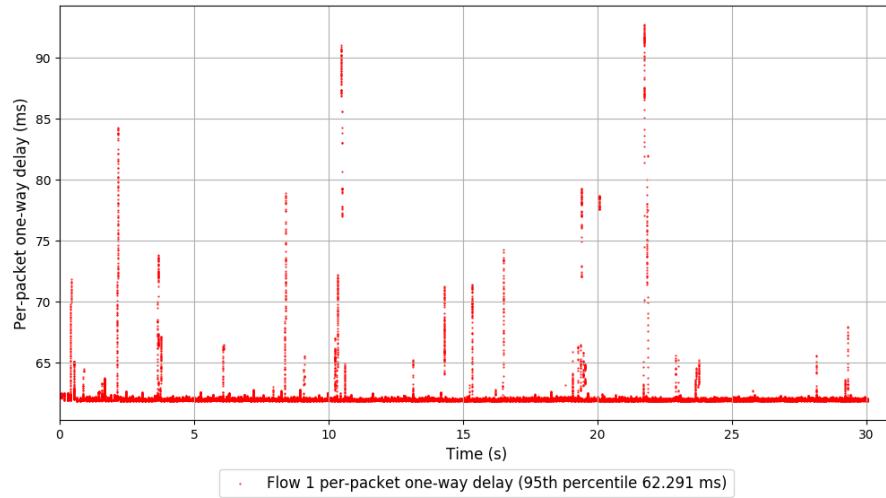
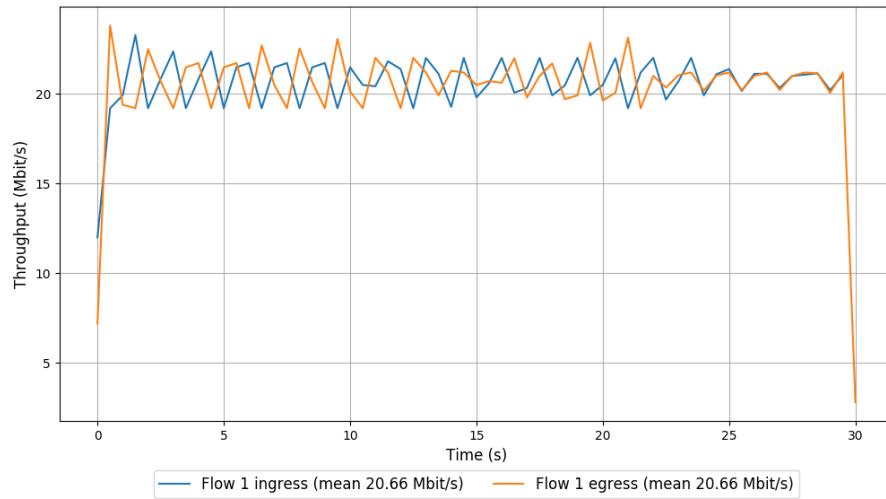


Run 3: Statistics of Saturator

```
Start at: Wed, 05 Jul 2017 07:51:18 +0000
End at: Wed, 05 Jul 2017 07:51:48 +0000
Local clock offset: 0.195 ms
Remote clock offset: -4.653 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:30:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 20.66 Mbit/s
95th percentile per-packet one-way delay: 62.291 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 20.66 Mbit/s
95th percentile per-packet one-way delay: 62.291 ms
Loss rate: 0.00%
```

Run 3: Report of Saturator — Data Link

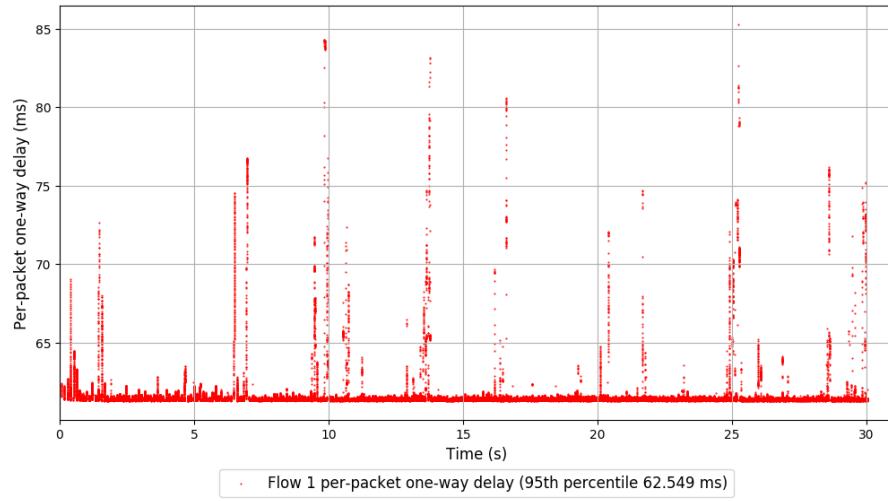
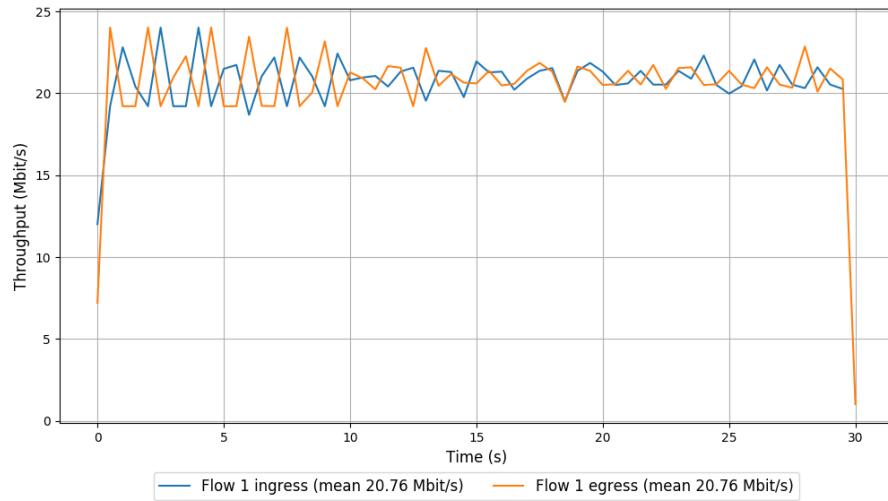


Run 4: Statistics of Saturator

```
Start at: Wed, 05 Jul 2017 08:08:55 +0000
End at: Wed, 05 Jul 2017 08:09:25 +0000
Local clock offset: 0.286 ms
Remote clock offset: -4.238 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:30:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 20.76 Mbit/s
95th percentile per-packet one-way delay: 62.549 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 20.76 Mbit/s
95th percentile per-packet one-way delay: 62.549 ms
Loss rate: 0.00%
```

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

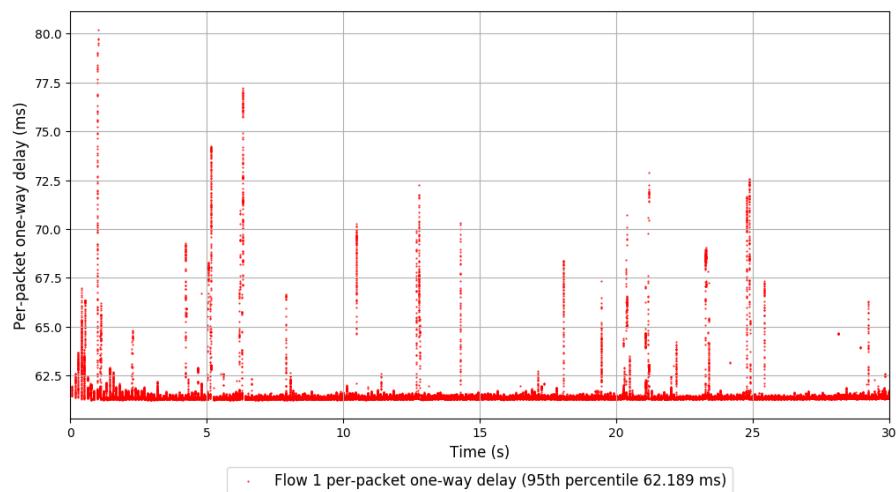
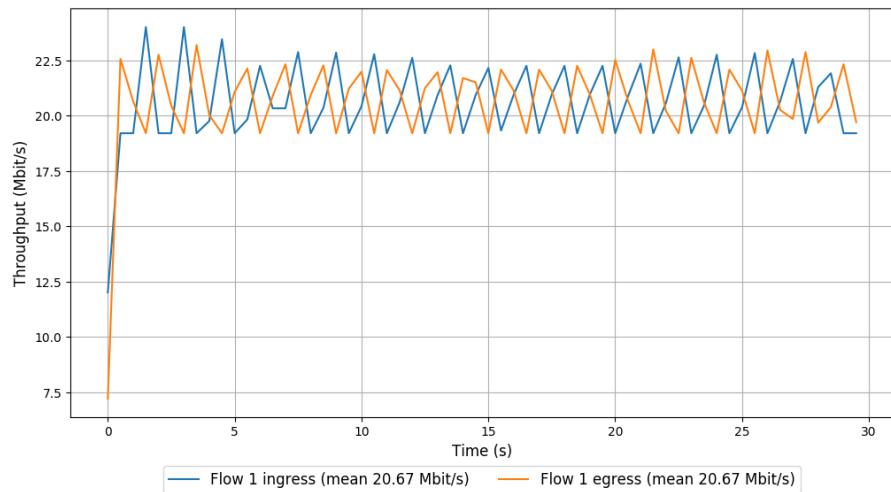


Run 5: Statistics of Saturator

```
Start at: Wed, 05 Jul 2017 08:26:31 +0000
End at: Wed, 05 Jul 2017 08:27:01 +0000
Local clock offset: 0.21 ms
Remote clock offset: -3.794 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:30:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 20.67 Mbit/s
95th percentile per-packet one-way delay: 62.189 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 20.67 Mbit/s
95th percentile per-packet one-way delay: 62.189 ms
Loss rate: 0.00%
```

Run 5: Report of Saturator — Data Link

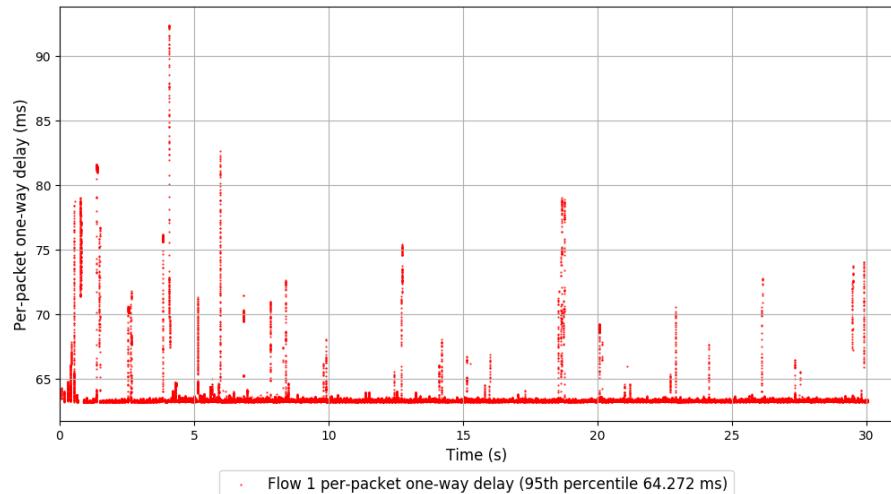
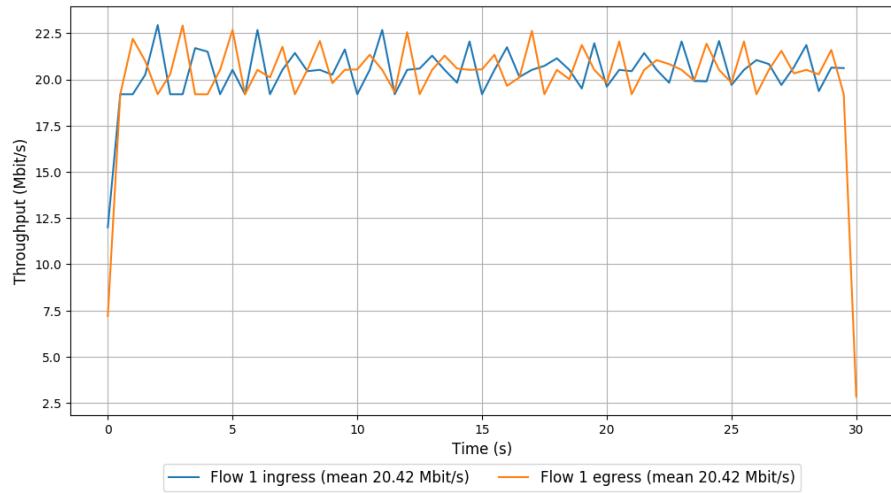


Run 6: Statistics of Saturator

```
Start at: Wed, 05 Jul 2017 08:43:54 +0000
End at: Wed, 05 Jul 2017 08:44:24 +0000
Local clock offset: 0.286 ms
Remote clock offset: -4.983 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:30:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 20.42 Mbit/s
95th percentile per-packet one-way delay: 64.272 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 20.42 Mbit/s
95th percentile per-packet one-way delay: 64.272 ms
Loss rate: 0.00%
```

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



Run 7: Statistics of Saturator

Start at: Wed, 05 Jul 2017 09:01:25 +0000

End at: Wed, 05 Jul 2017 09:01:55 +0000

Local clock offset: 0.229 ms

Remote clock offset: -4.766 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:30:55 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 20.60 Mbit/s

95th percentile per-packet one-way delay: 64.625 ms

Loss rate: 0.00%

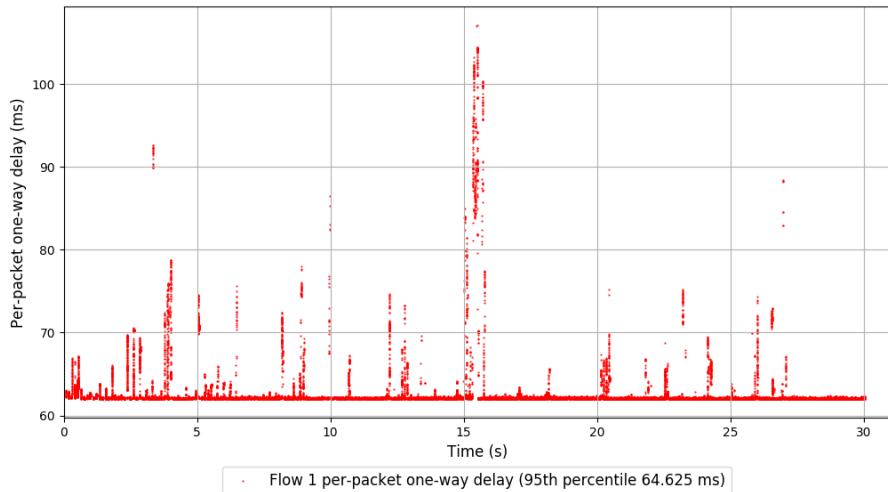
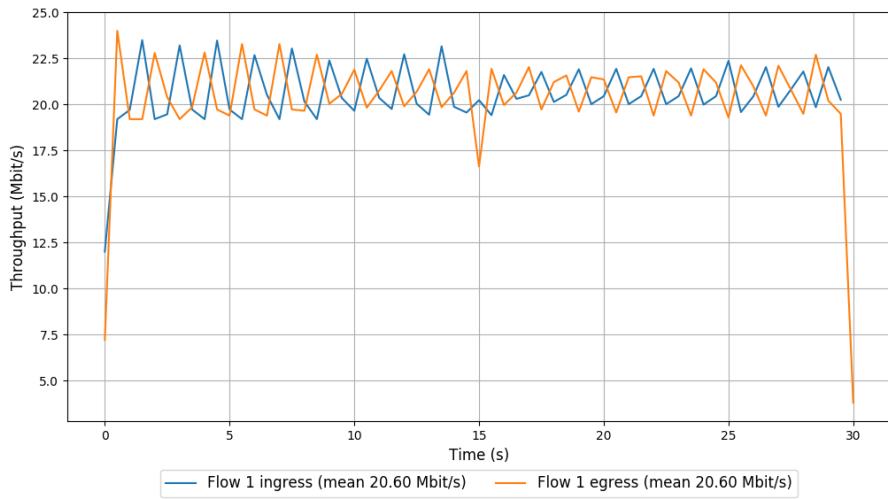
-- Flow 1:

Average throughput: 20.60 Mbit/s

95th percentile per-packet one-way delay: 64.625 ms

Loss rate: 0.00%

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

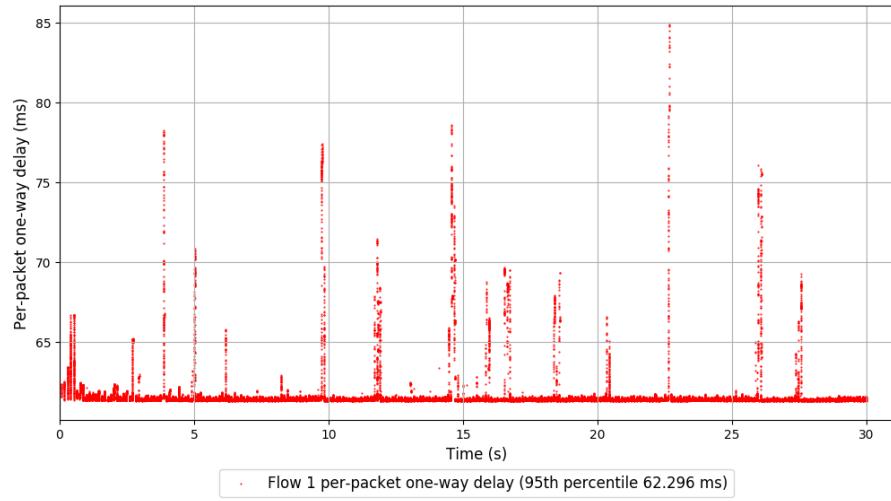
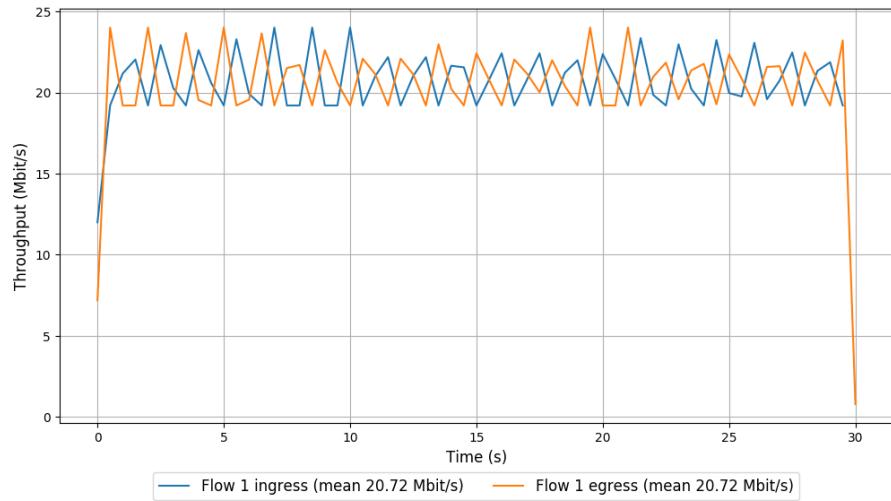


Run 8: Statistics of Saturator

```
Start at: Wed, 05 Jul 2017 09:19:01 +0000
End at: Wed, 05 Jul 2017 09:19:31 +0000
Local clock offset: 0.243 ms
Remote clock offset: -4.062 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:30:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 20.72 Mbit/s
95th percentile per-packet one-way delay: 62.296 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 20.72 Mbit/s
95th percentile per-packet one-way delay: 62.296 ms
Loss rate: 0.00%
```

Run 8: Report of Saturator — Data Link



Run 9: Statistics of Saturator

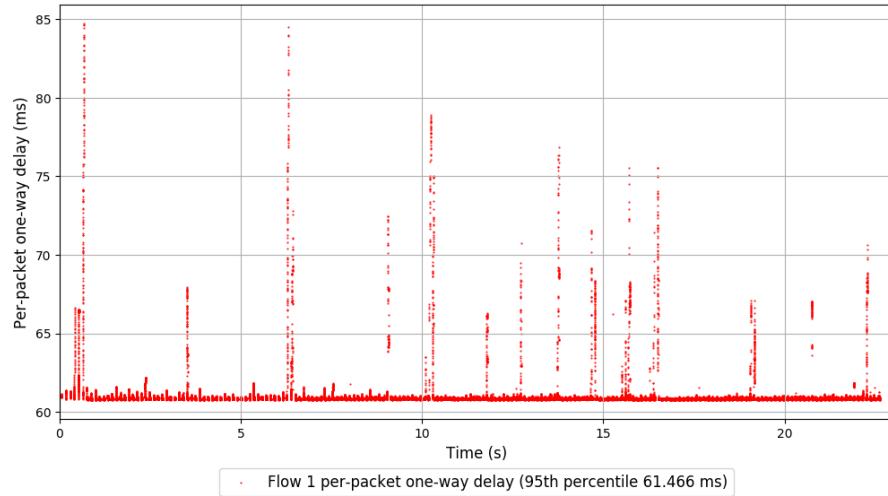
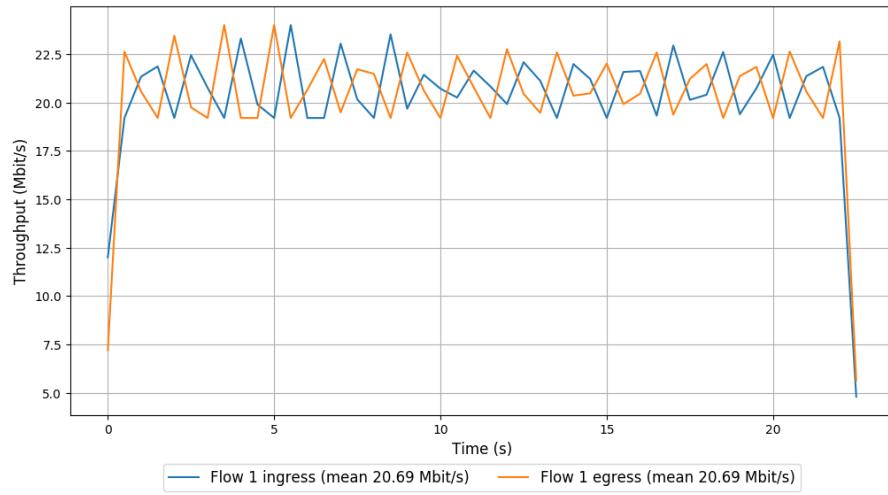
Start at: Wed, 05 Jul 2017 09:36:30 +0000

End at: Wed, 05 Jul 2017 09:37:00 +0000

Local clock offset: 0.34 ms

Remote clock offset: -3.869 ms

Run 9: Report of Saturator — Data Link

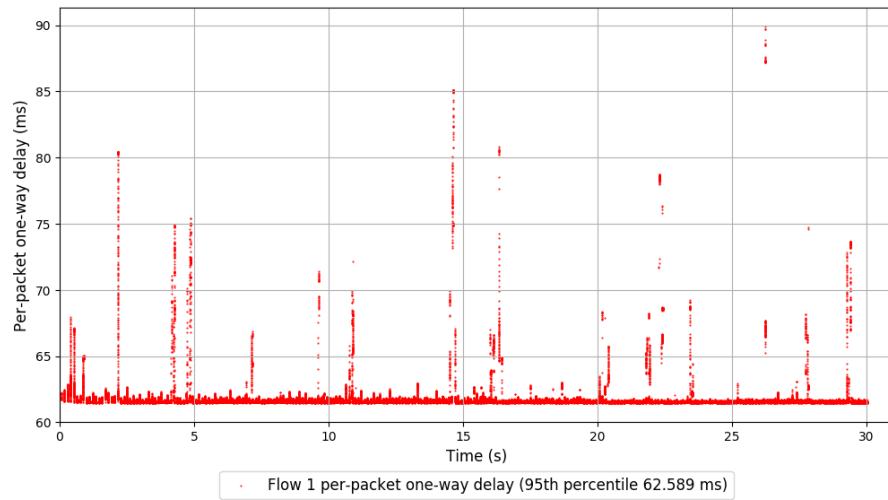
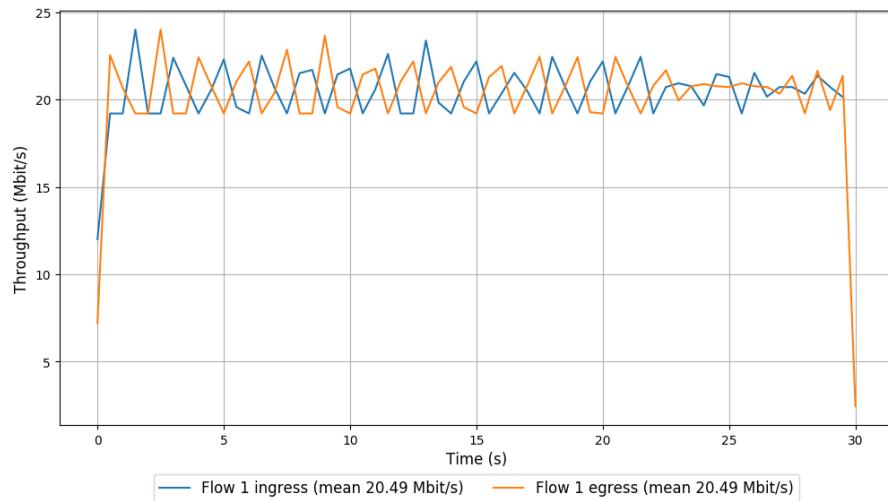


Run 10: Statistics of Saturator

```
Start at: Wed, 05 Jul 2017 09:54:02 +0000
End at: Wed, 05 Jul 2017 09:54:32 +0000
Local clock offset: 0.343 ms
Remote clock offset: -3.388 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:31:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 20.49 Mbit/s
95th percentile per-packet one-way delay: 62.589 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 20.49 Mbit/s
95th percentile per-packet one-way delay: 62.589 ms
Loss rate: 0.00%
```

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



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

```
Start at: Wed, 05 Jul 2017 07:29:09 +0000
```

```
End at: Wed, 05 Jul 2017 07:29:39 +0000
```

```
Local clock offset: 0.268 ms
```

```
Remote clock offset: -5.478 ms
```

```
# Below is generated by plot.py at Wed, 05 Jul 2017 13:31:01 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 0.22 Mbit/s
```

```
95th percentile per-packet one-way delay: 64.448 ms
```

```
Loss rate: 0.00%
```

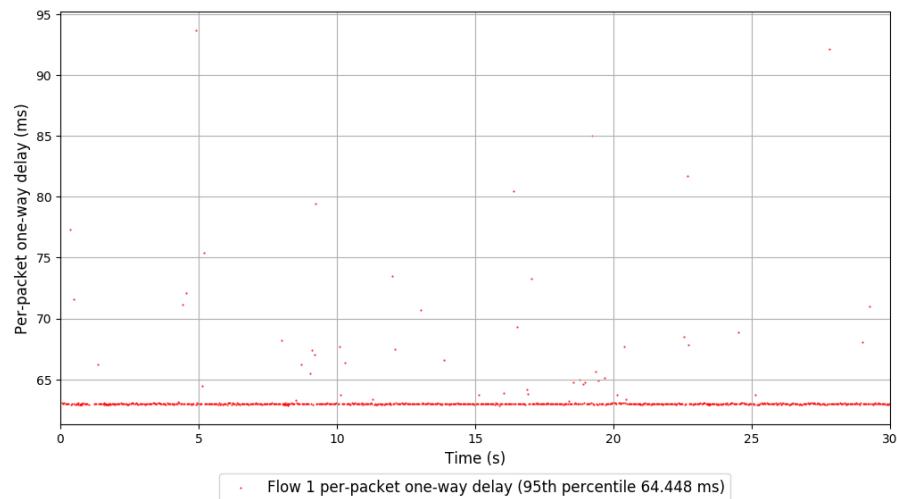
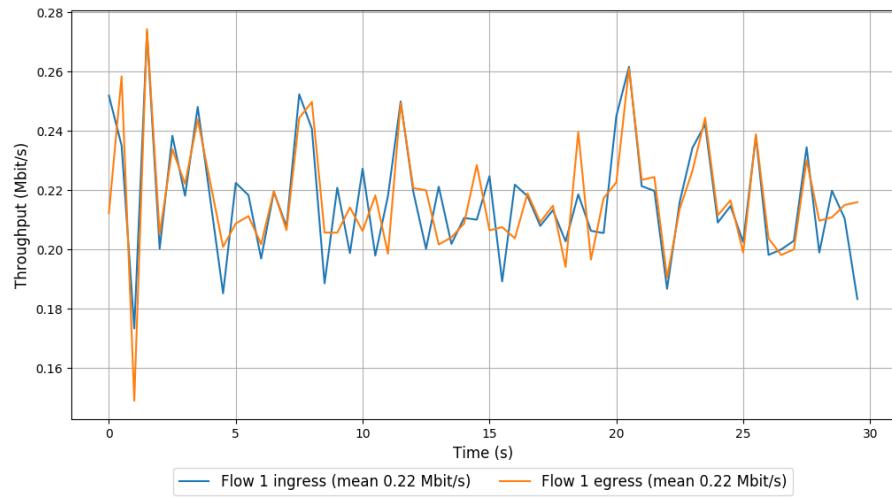
```
-- Flow 1:
```

```
Average throughput: 0.22 Mbit/s
```

```
95th percentile per-packet one-way delay: 64.448 ms
```

```
Loss rate: 0.00%
```

## Run 1: Report of SCReAM — Data Link

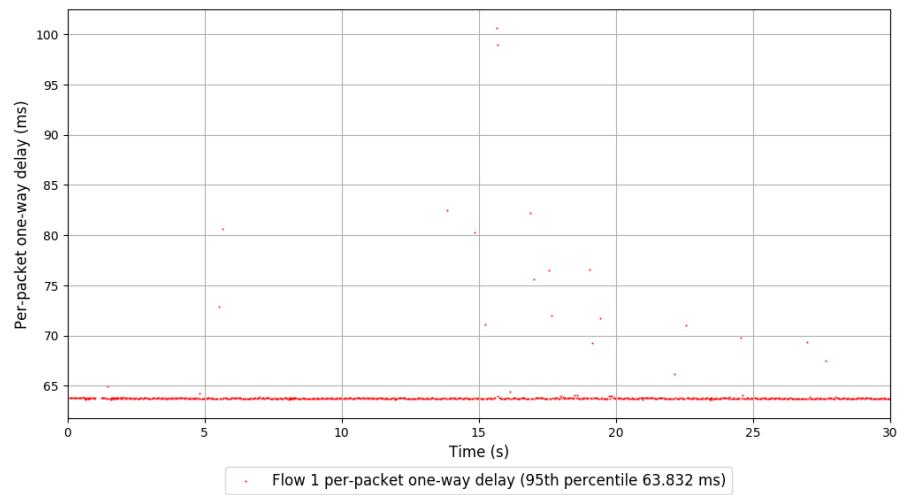
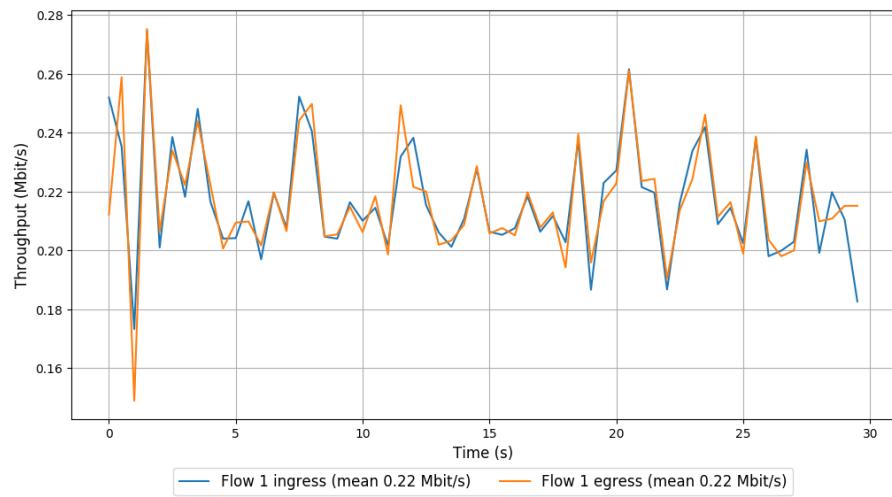


Run 2: Statistics of SCReAM

```
Start at: Wed, 05 Jul 2017 07:46:43 +0000
End at: Wed, 05 Jul 2017 07:47:14 +0000
Local clock offset: 0.242 ms
Remote clock offset: -5.307 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:31:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 63.832 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 63.832 ms
Loss rate: 0.00%
```

## Run 2: Report of SCReAM — Data Link

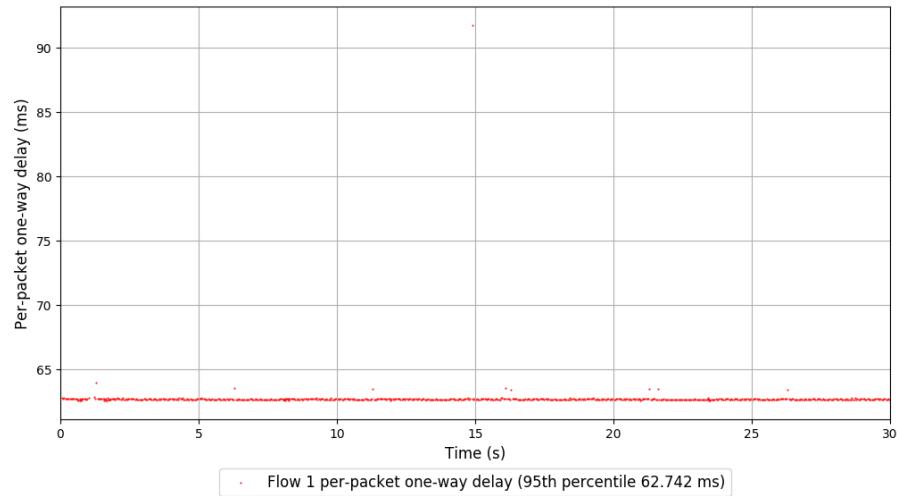
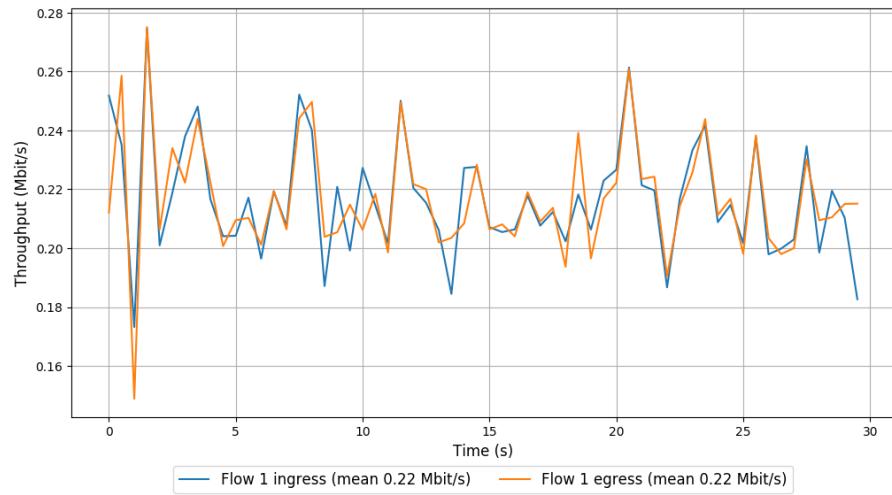


Run 3: Statistics of SCReAM

```
Start at: Wed, 05 Jul 2017 08:04:13 +0000
End at: Wed, 05 Jul 2017 08:04:43 +0000
Local clock offset: 0.278 ms
Remote clock offset: -5.131 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:31:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 62.742 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 62.742 ms
Loss rate: 0.00%
```

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

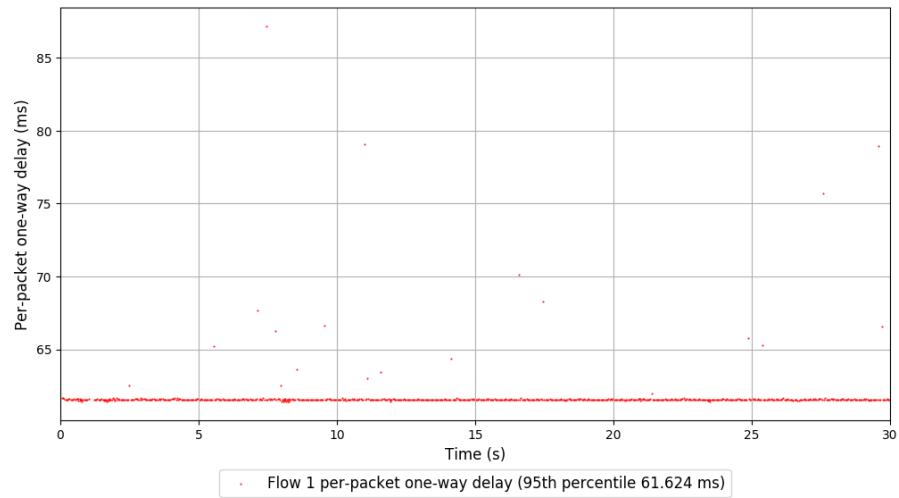
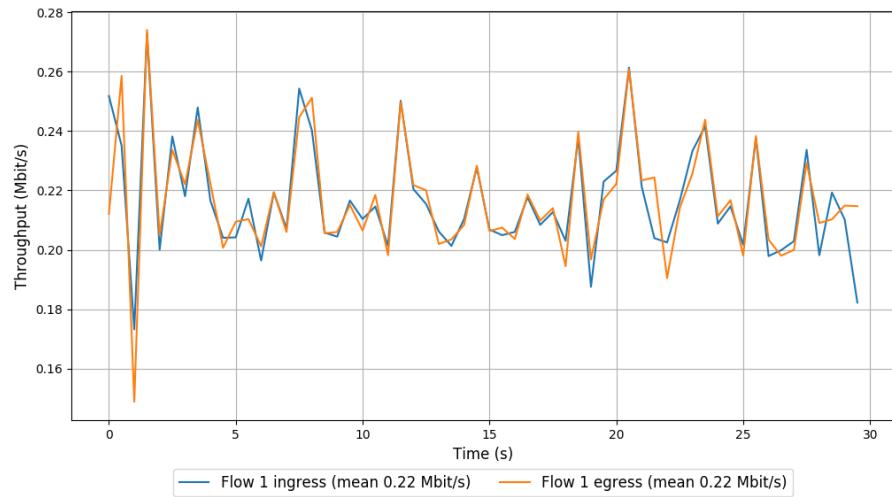


Run 4: Statistics of SCReAM

```
Start at: Wed, 05 Jul 2017 08:21:51 +0000
End at: Wed, 05 Jul 2017 08:22:21 +0000
Local clock offset: 0.266 ms
Remote clock offset: -4.156 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:31:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 61.624 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 61.624 ms
Loss rate: 0.00%
```

## Run 4: Report of SCReAM — Data Link

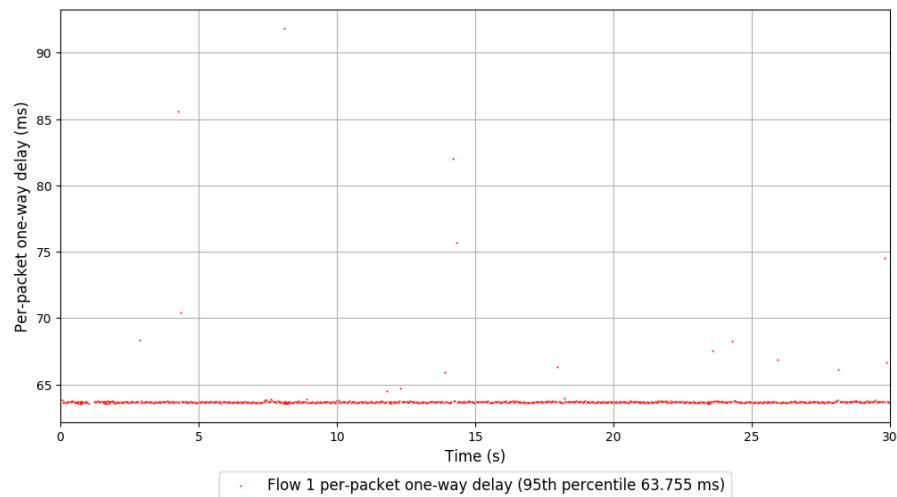
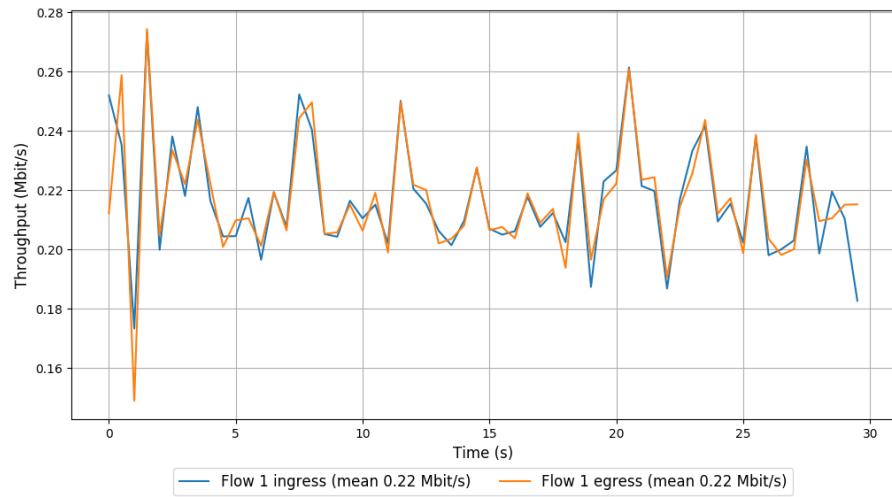


Run 5: Statistics of SCReAM

```
Start at: Wed, 05 Jul 2017 08:39:20 +0000
End at: Wed, 05 Jul 2017 08:39:50 +0000
Local clock offset: 0.265 ms
Remote clock offset: -4.997 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:31:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 63.755 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 63.755 ms
Loss rate: 0.00%
```

## Run 5: Report of SCReAM — Data Link

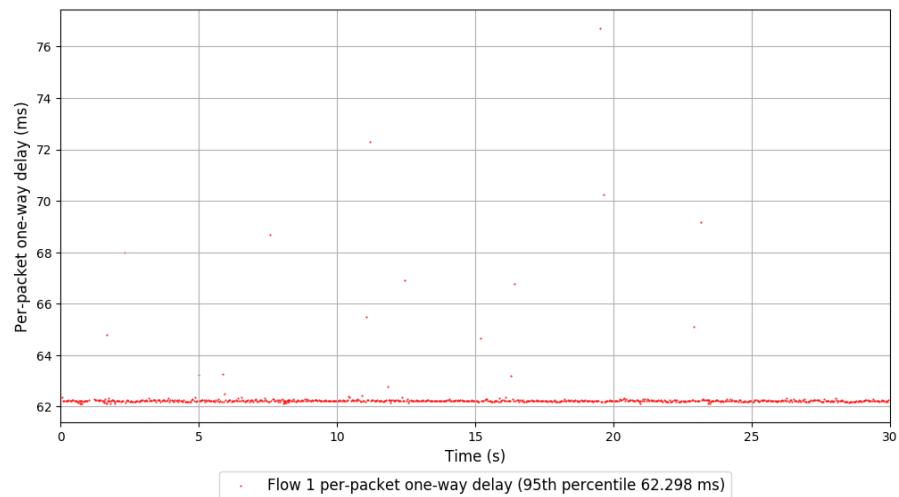
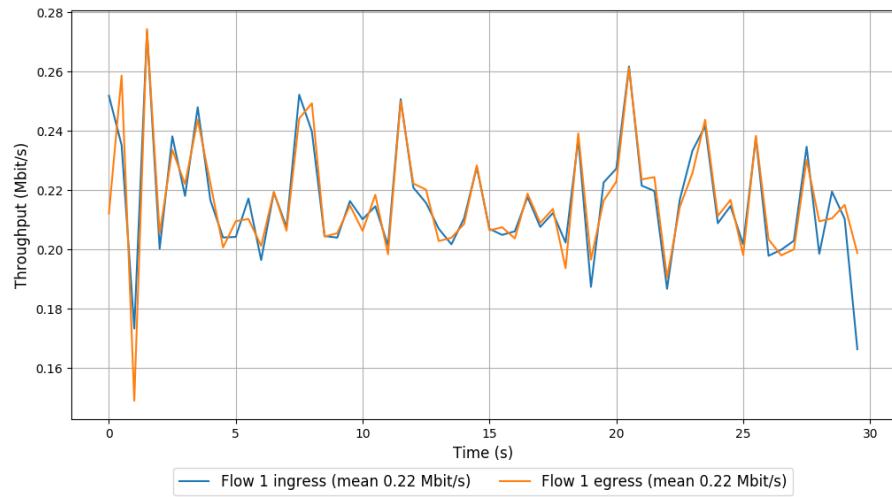


Run 6: Statistics of SCReAM

```
Start at: Wed, 05 Jul 2017 08:56:51 +0000
End at: Wed, 05 Jul 2017 08:57:21 +0000
Local clock offset: 0.246 ms
Remote clock offset: -4.649 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:31:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 62.298 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 62.298 ms
Loss rate: 0.00%
```

## Run 6: Report of SCReAM — Data Link



Run 7: Statistics of SCReAM

Start at: Wed, 05 Jul 2017 09:14:20 +0000

End at: Wed, 05 Jul 2017 09:14:50 +0000

Local clock offset: 0.29 ms

Remote clock offset: -4.742 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:31:03 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 62.079 ms

Loss rate: 0.00%

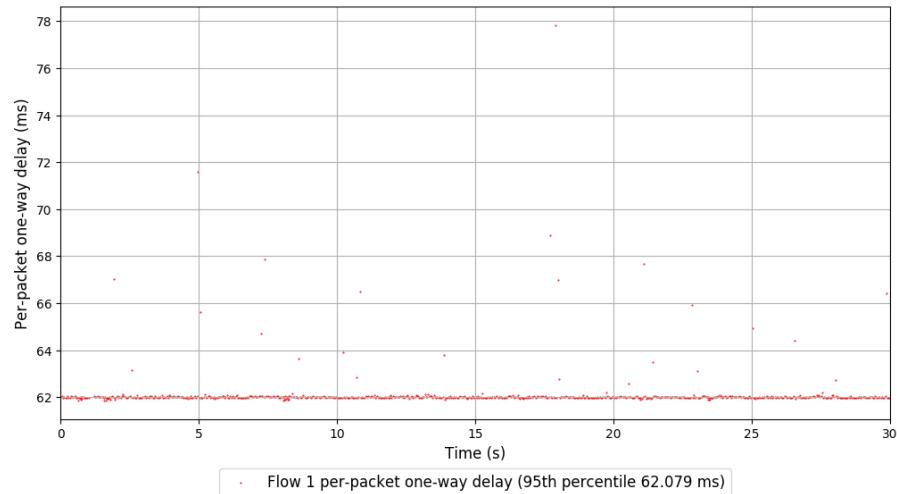
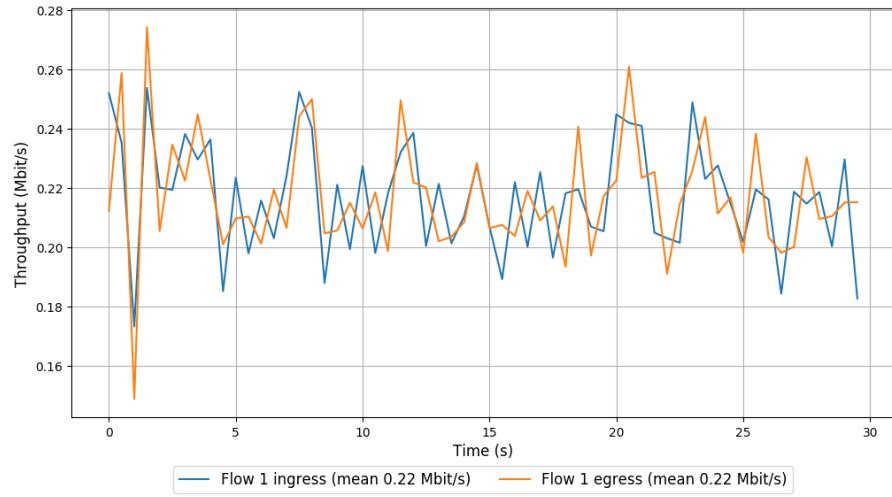
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 62.079 ms

Loss rate: 0.00%

## Run 7: Report of SCReAM — Data Link

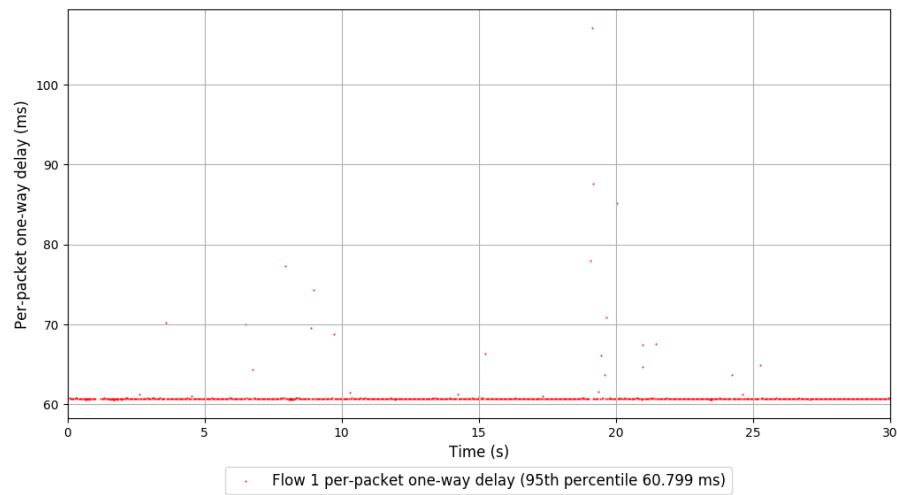
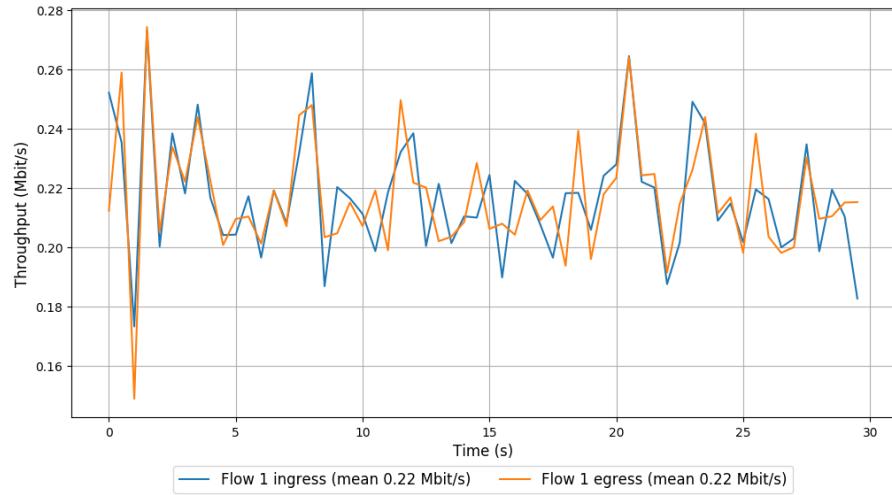


Run 8: Statistics of SCReAM

```
Start at: Wed, 05 Jul 2017 09:31:51 +0000
End at: Wed, 05 Jul 2017 09:32:21 +0000
Local clock offset: 0.336 ms
Remote clock offset: -3.83 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:31:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 60.799 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 60.799 ms
Loss rate: 0.00%
```

## Run 8: Report of SCReAM — Data Link

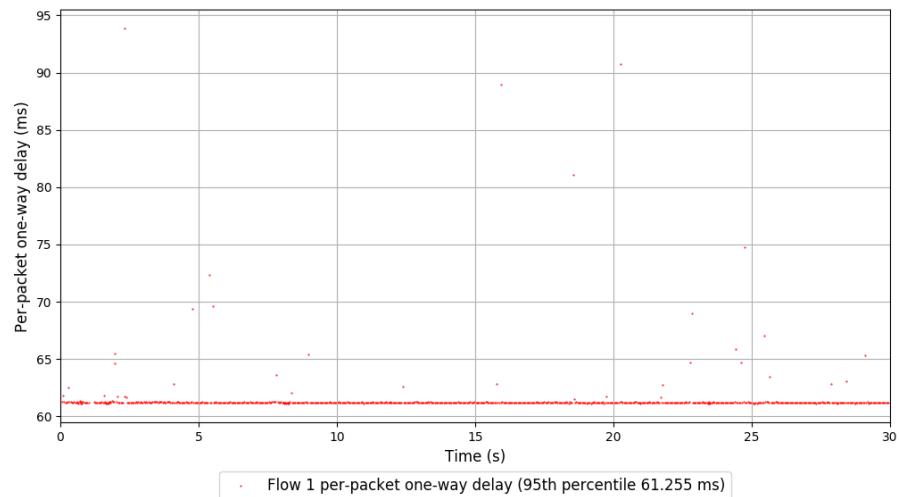
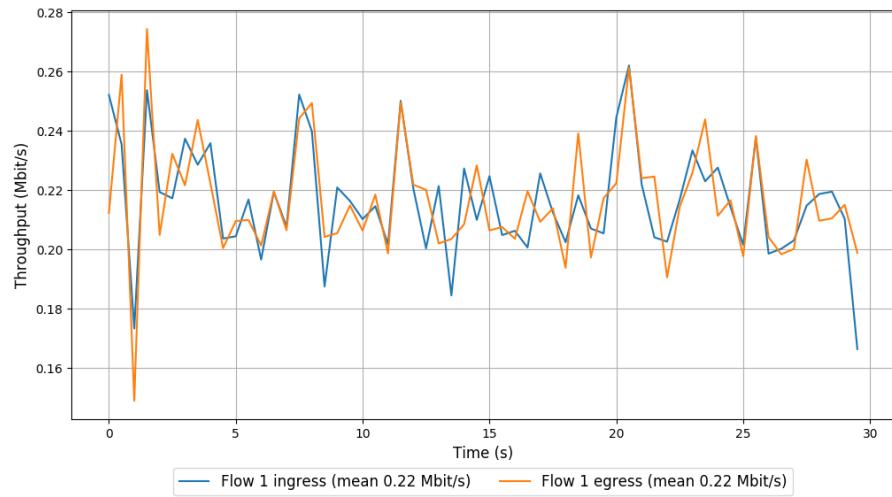


Run 9: Statistics of SCReAM

```
Start at: Wed, 05 Jul 2017 09:49:21 +0000
End at: Wed, 05 Jul 2017 09:49:51 +0000
Local clock offset: 0.294 ms
Remote clock offset: -3.415 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:31:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 61.255 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 61.255 ms
Loss rate: 0.00%
```

## Run 9: Report of SCReAM — Data Link

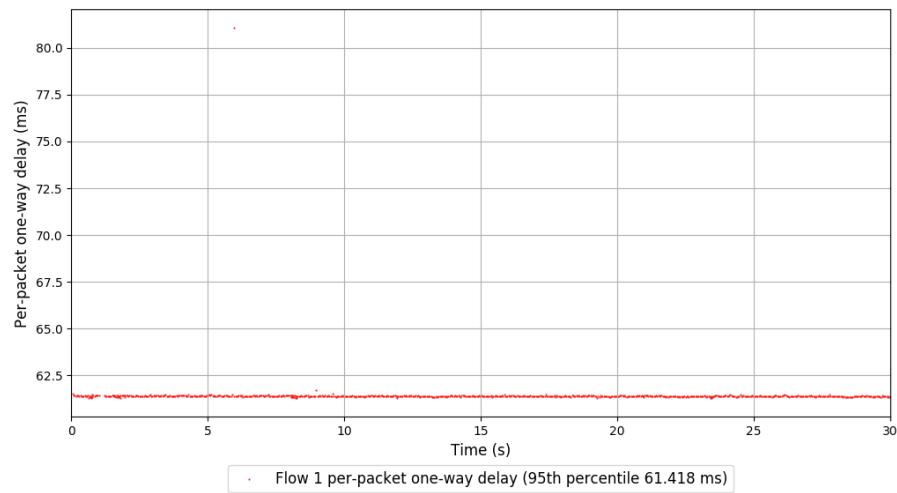
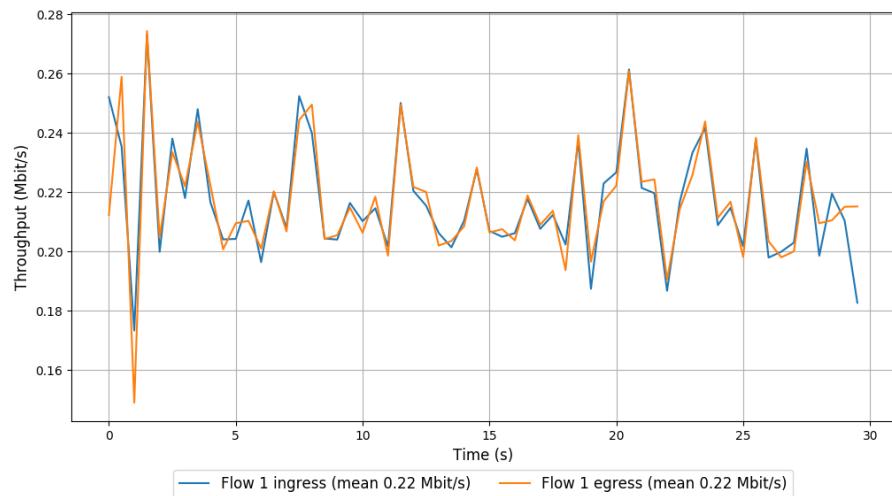


Run 10: Statistics of SCReAM

```
Start at: Wed, 05 Jul 2017 10:06:53 +0000
End at: Wed, 05 Jul 2017 10:07:23 +0000
Local clock offset: 0.269 ms
Remote clock offset: -3.255 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:31:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 61.418 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 61.418 ms
Loss rate: 0.00%
```

## Run 10: Report of SCReAM — Data Link

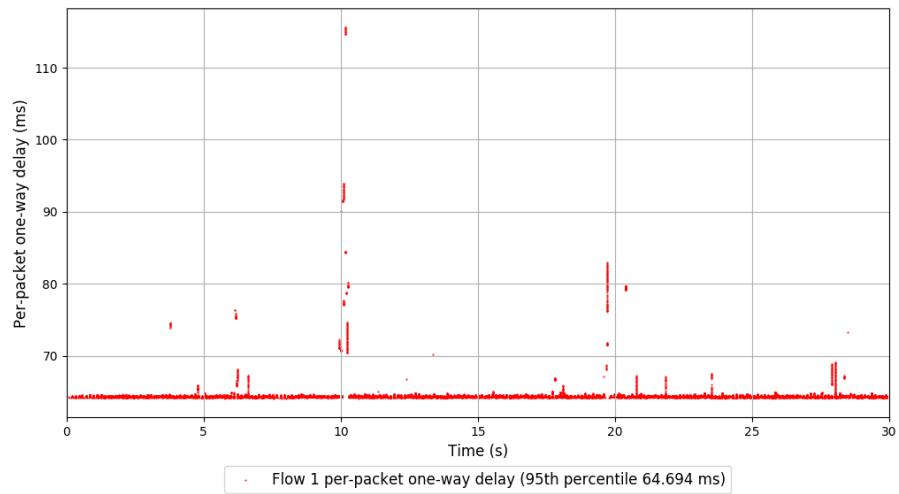
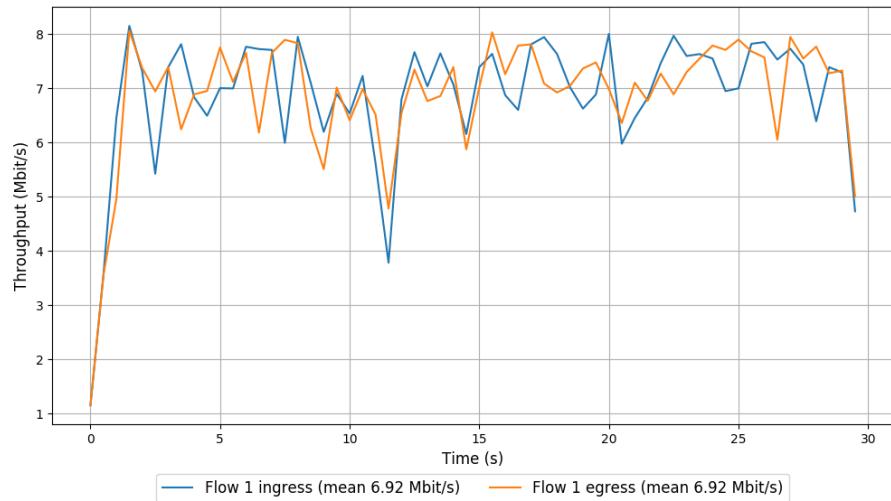


Run 1: Statistics of Sprout

```
Start at: Wed, 05 Jul 2017 07:15:08 +0000
End at: Wed, 05 Jul 2017 07:15:38 +0000
Local clock offset: 0.249 ms
Remote clock offset: -5.702 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:31:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.92 Mbit/s
95th percentile per-packet one-way delay: 64.694 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 6.92 Mbit/s
95th percentile per-packet one-way delay: 64.694 ms
Loss rate: 0.00%
```

## Run 1: Report of Sprout — Data Link

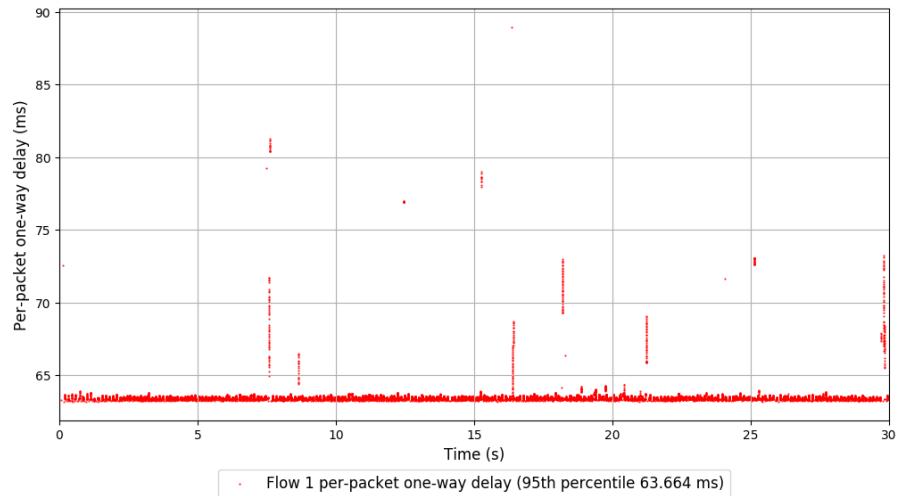
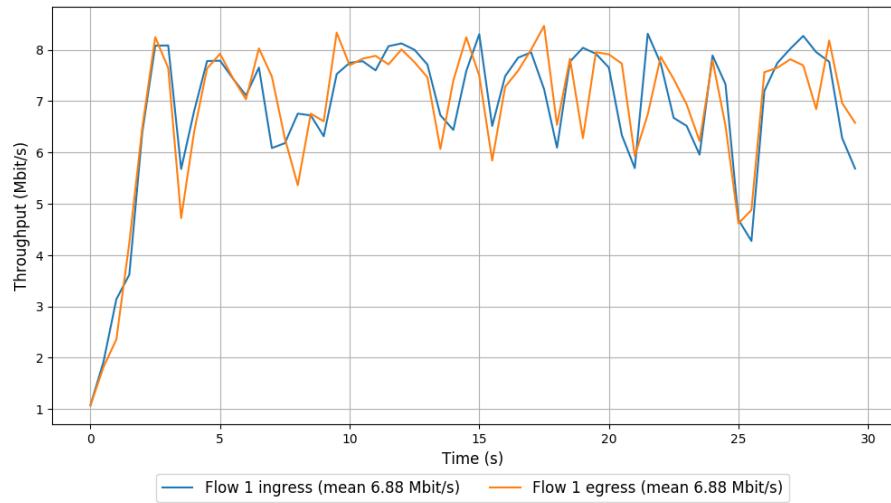


Run 2: Statistics of Sprout

```
Start at: Wed, 05 Jul 2017 07:32:42 +0000
End at: Wed, 05 Jul 2017 07:33:12 +0000
Local clock offset: 0.258 ms
Remote clock offset: -6.142 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:31:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.88 Mbit/s
95th percentile per-packet one-way delay: 63.664 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 6.88 Mbit/s
95th percentile per-packet one-way delay: 63.664 ms
Loss rate: 0.00%
```

## Run 2: Report of Sprout — Data Link

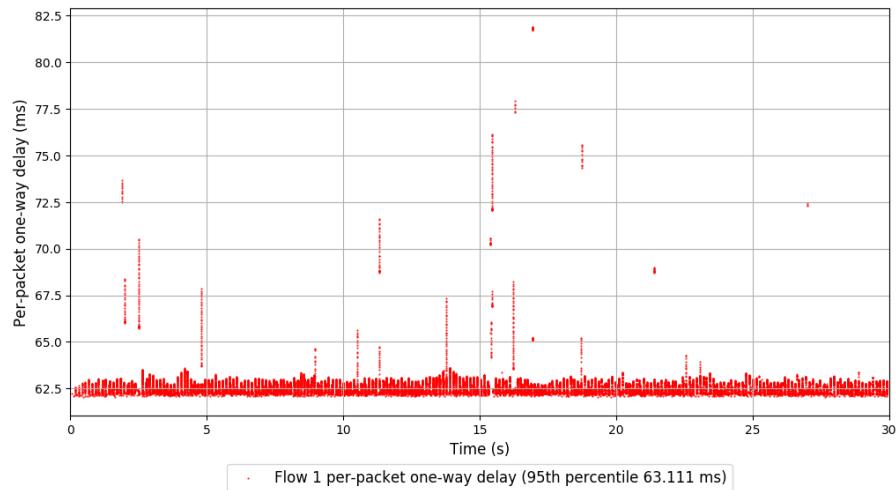
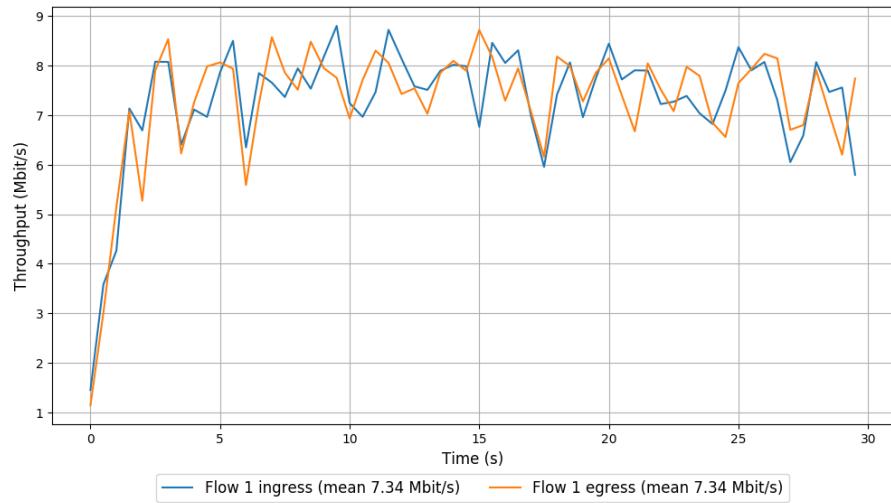


Run 3: Statistics of Sprout

```
Start at: Wed, 05 Jul 2017 07:50:11 +0000
End at: Wed, 05 Jul 2017 07:50:41 +0000
Local clock offset: 0.194 ms
Remote clock offset: -4.888 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:31:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.34 Mbit/s
95th percentile per-packet one-way delay: 63.111 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.34 Mbit/s
95th percentile per-packet one-way delay: 63.111 ms
Loss rate: 0.00%
```

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

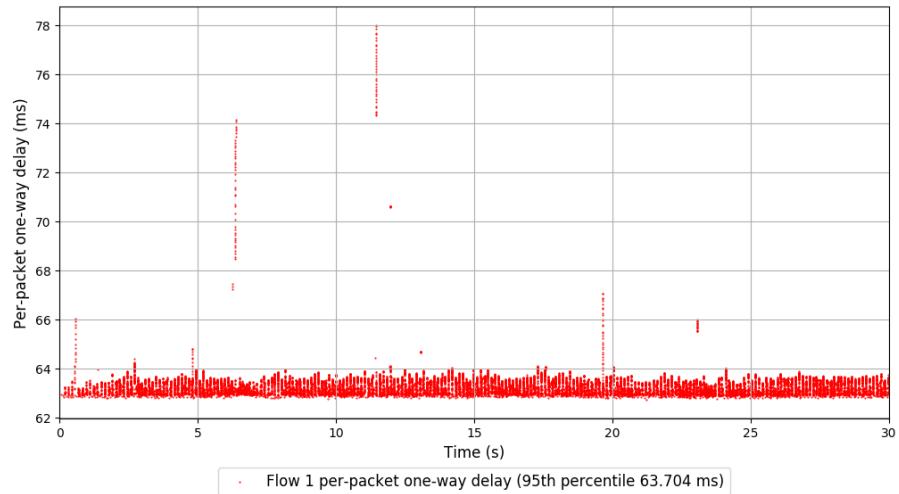
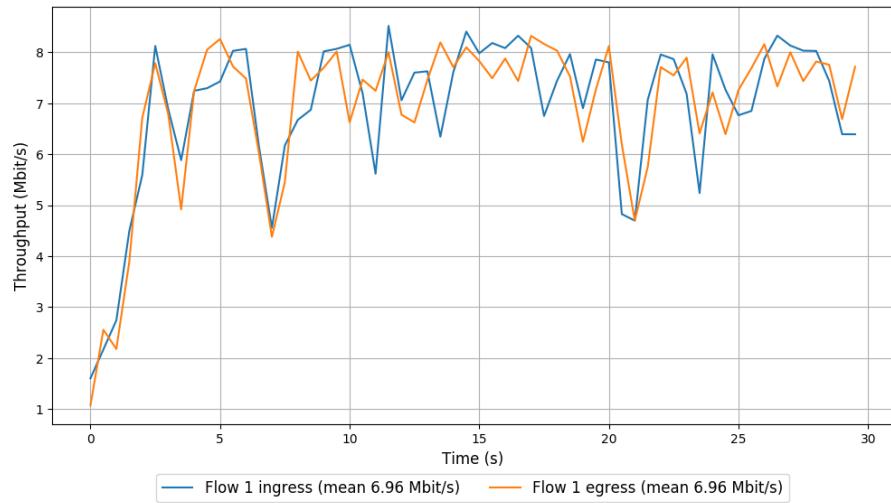


Run 4: Statistics of Sprout

```
Start at: Wed, 05 Jul 2017 08:07:48 +0000
End at: Wed, 05 Jul 2017 08:08:18 +0000
Local clock offset: 0.24 ms
Remote clock offset: -4.362 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:31:09 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.96 Mbit/s
95th percentile per-packet one-way delay: 63.704 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 6.96 Mbit/s
95th percentile per-packet one-way delay: 63.704 ms
Loss rate: 0.00%
```

## Run 4: Report of Sprout — Data Link

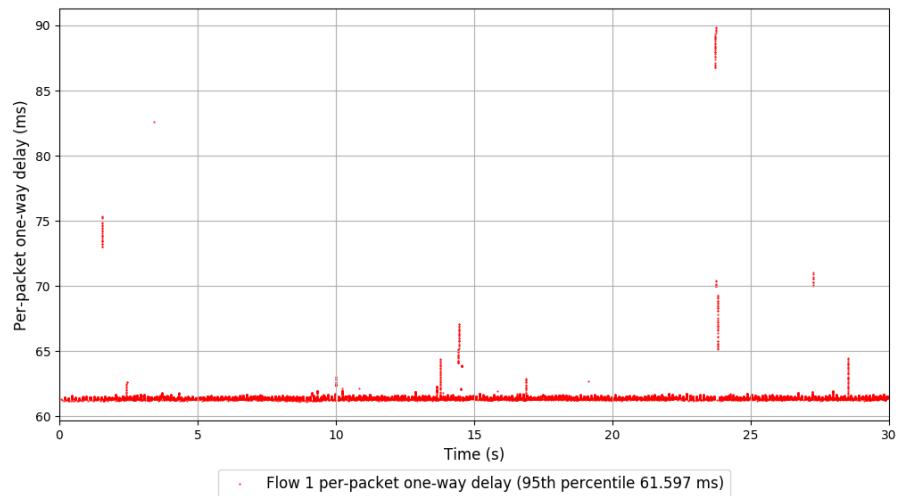
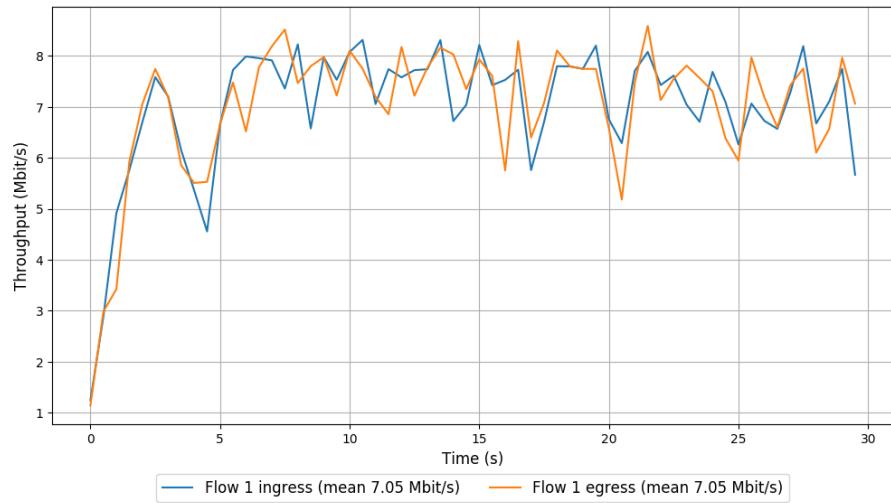


Run 5: Statistics of Sprout

```
Start at: Wed, 05 Jul 2017 08:25:25 +0000
End at: Wed, 05 Jul 2017 08:25:55 +0000
Local clock offset: 0.296 ms
Remote clock offset: -3.949 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:31:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.05 Mbit/s
95th percentile per-packet one-way delay: 61.597 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.05 Mbit/s
95th percentile per-packet one-way delay: 61.597 ms
Loss rate: 0.00%
```

## Run 5: Report of Sprout — Data Link

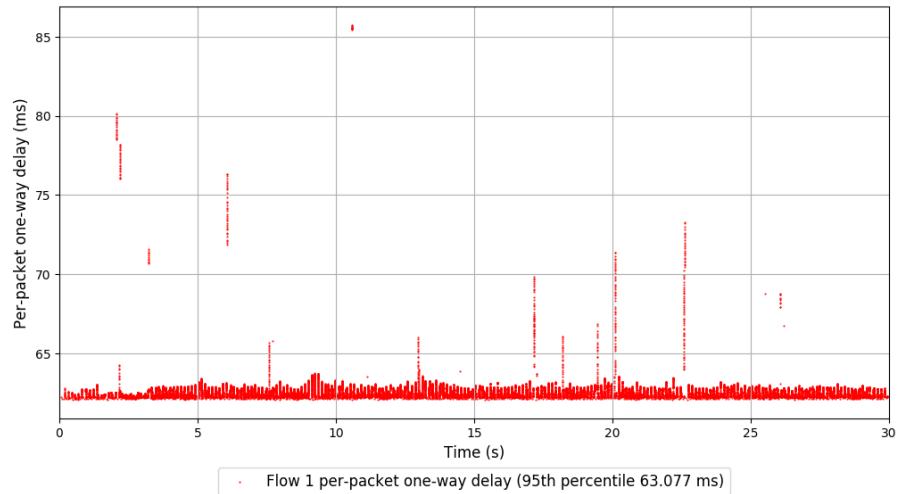
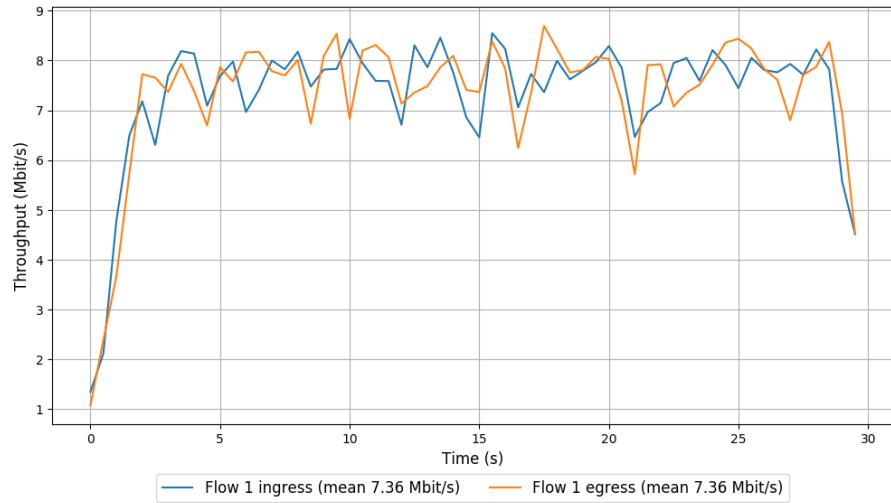


Run 6: Statistics of Sprout

```
Start at: Wed, 05 Jul 2017 08:42:48 +0000
End at: Wed, 05 Jul 2017 08:43:18 +0000
Local clock offset: 0.223 ms
Remote clock offset: -5.258 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:31:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.36 Mbit/s
95th percentile per-packet one-way delay: 63.077 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.36 Mbit/s
95th percentile per-packet one-way delay: 63.077 ms
Loss rate: 0.00%
```

## Run 6: Report of Sprout — Data Link

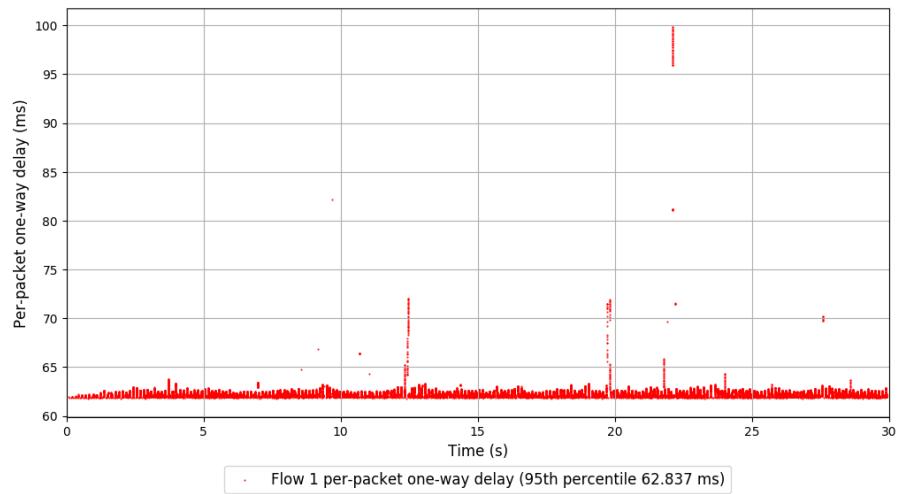
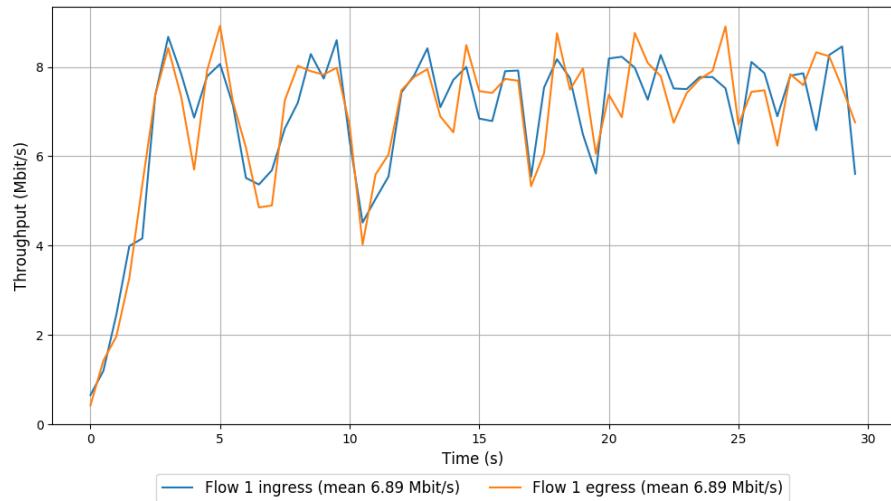


Run 7: Statistics of Sprout

```
Start at: Wed, 05 Jul 2017 09:00:19 +0000
End at: Wed, 05 Jul 2017 09:00:49 +0000
Local clock offset: 0.265 ms
Remote clock offset: -5.007 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:31:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.89 Mbit/s
95th percentile per-packet one-way delay: 62.837 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 6.89 Mbit/s
95th percentile per-packet one-way delay: 62.837 ms
Loss rate: 0.00%
```

## Run 7: Report of Sprout — Data Link

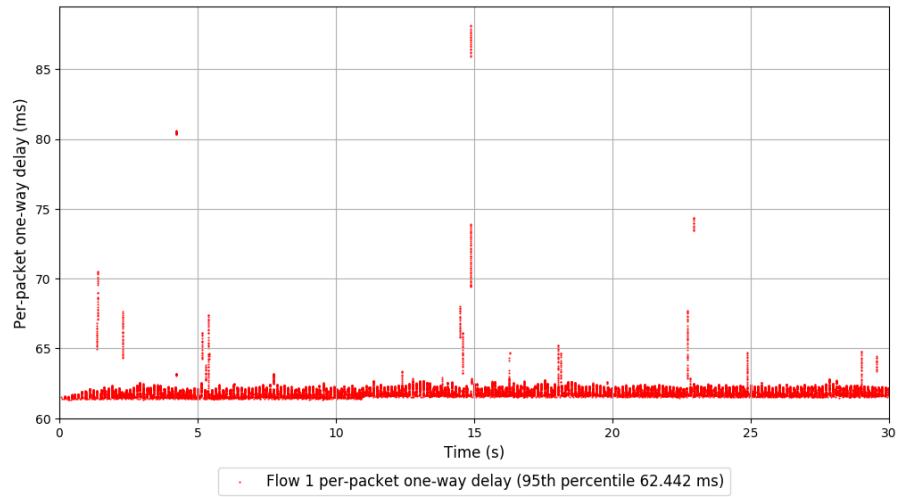
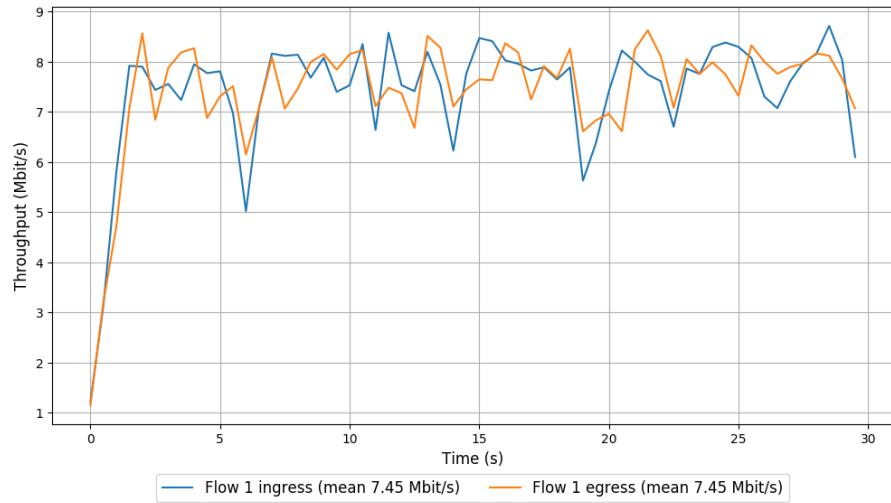


Run 8: Statistics of Sprout

```
Start at: Wed, 05 Jul 2017 09:17:54 +0000
End at: Wed, 05 Jul 2017 09:18:24 +0000
Local clock offset: 0.308 ms
Remote clock offset: -4.453 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:31:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.45 Mbit/s
95th percentile per-packet one-way delay: 62.442 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.45 Mbit/s
95th percentile per-packet one-way delay: 62.442 ms
Loss rate: 0.00%
```

## Run 8: Report of Sprout — Data Link

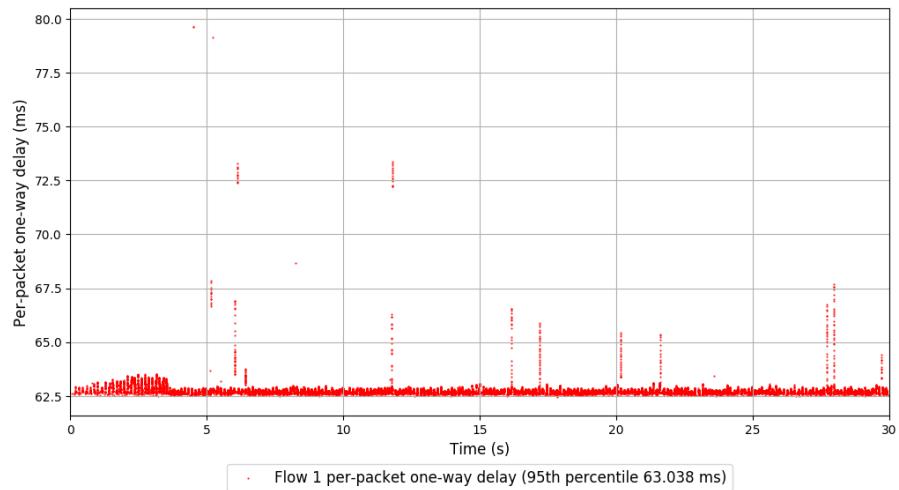
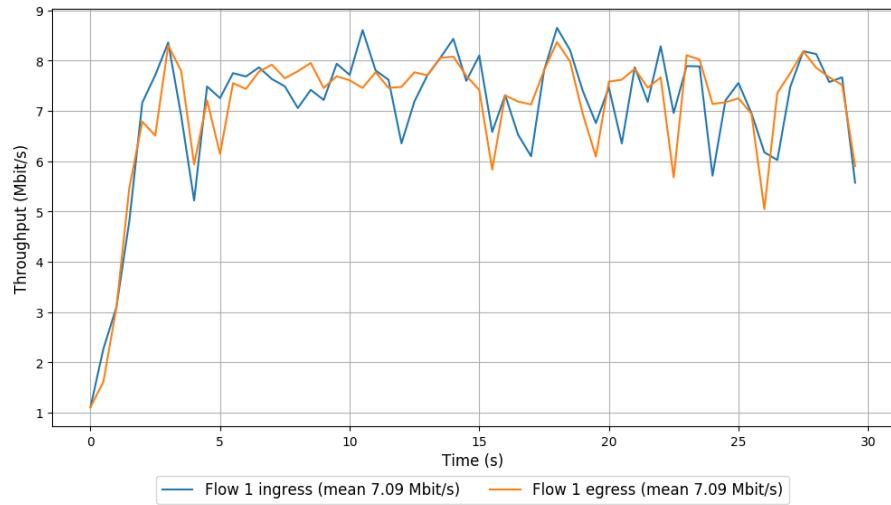


Run 9: Statistics of Sprout

```
Start at: Wed, 05 Jul 2017 09:35:24 +0000
End at: Wed, 05 Jul 2017 09:35:54 +0000
Local clock offset: 0.309 ms
Remote clock offset: -3.722 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:31:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.09 Mbit/s
95th percentile per-packet one-way delay: 63.038 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.09 Mbit/s
95th percentile per-packet one-way delay: 63.038 ms
Loss rate: 0.00%
```

## Run 9: Report of Sprout — Data Link

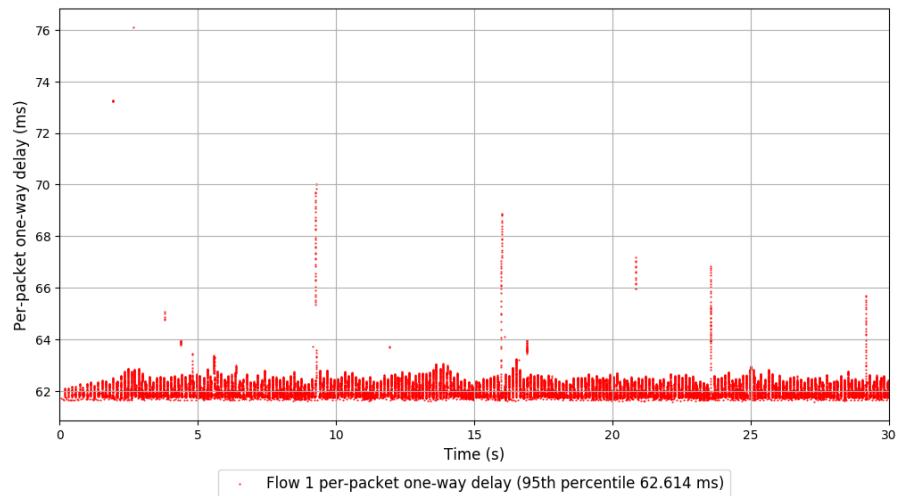
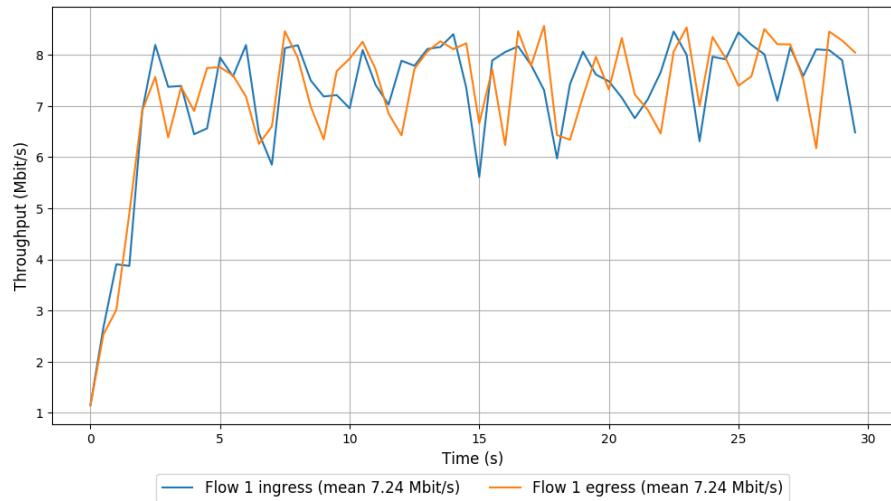


Run 10: Statistics of Sprout

```
Start at: Wed, 05 Jul 2017 09:52:56 +0000
End at: Wed, 05 Jul 2017 09:53:26 +0000
Local clock offset: 0.293 ms
Remote clock offset: -3.425 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:31:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.24 Mbit/s
95th percentile per-packet one-way delay: 62.614 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.24 Mbit/s
95th percentile per-packet one-way delay: 62.614 ms
Loss rate: 0.00%
```

Run 10: Report of Sprout — Data Link

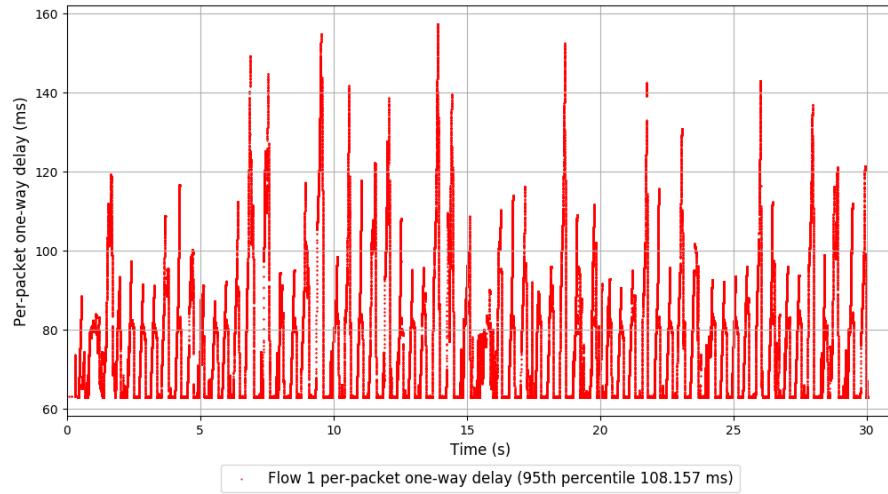
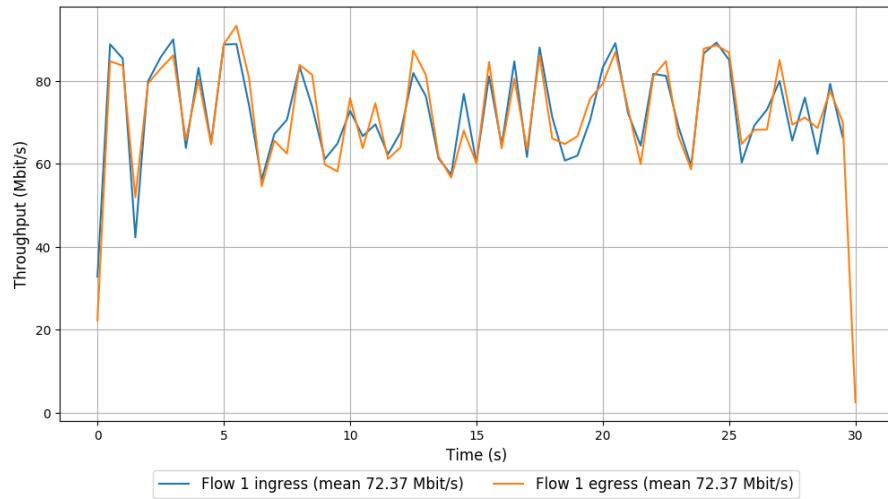


Run 1: Statistics of TaoVA-100x

```
Start at: Wed, 05 Jul 2017 07:23:11 +0000
End at: Wed, 05 Jul 2017 07:23:41 +0000
Local clock offset: 0.262 ms
Remote clock offset: -5.773 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:31:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.37 Mbit/s
95th percentile per-packet one-way delay: 108.157 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 72.37 Mbit/s
95th percentile per-packet one-way delay: 108.157 ms
Loss rate: 0.00%
```

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

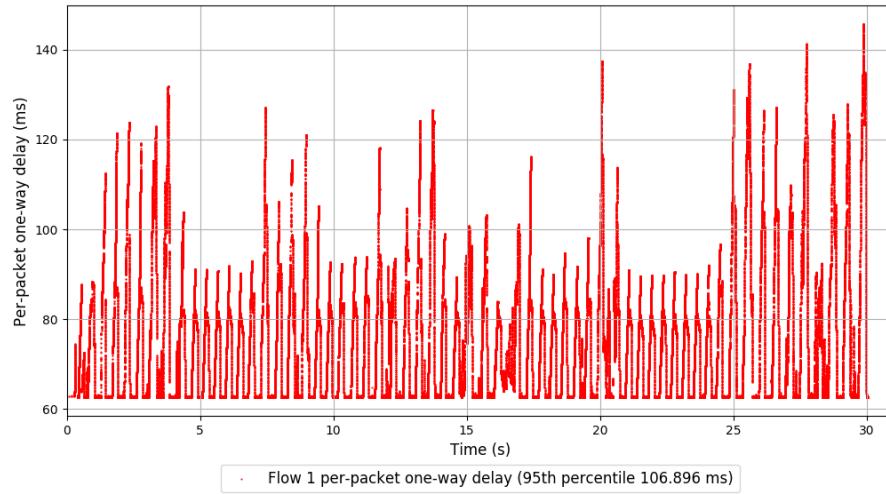
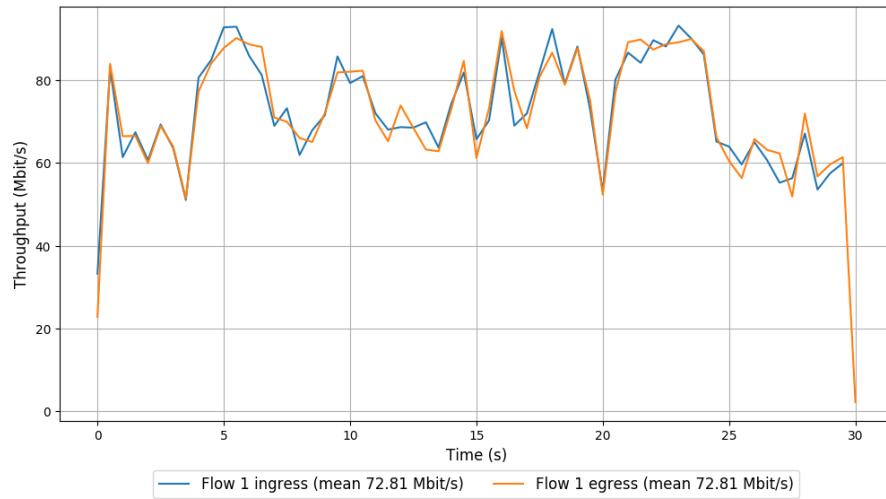


Run 2: Statistics of TaoVA-100x

```
Start at: Wed, 05 Jul 2017 07:40:46 +0000
End at: Wed, 05 Jul 2017 07:41:16 +0000
Local clock offset: 0.196 ms
Remote clock offset: -5.374 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:31:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.81 Mbit/s
95th percentile per-packet one-way delay: 106.896 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 72.81 Mbit/s
95th percentile per-packet one-way delay: 106.896 ms
Loss rate: 0.00%
```

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

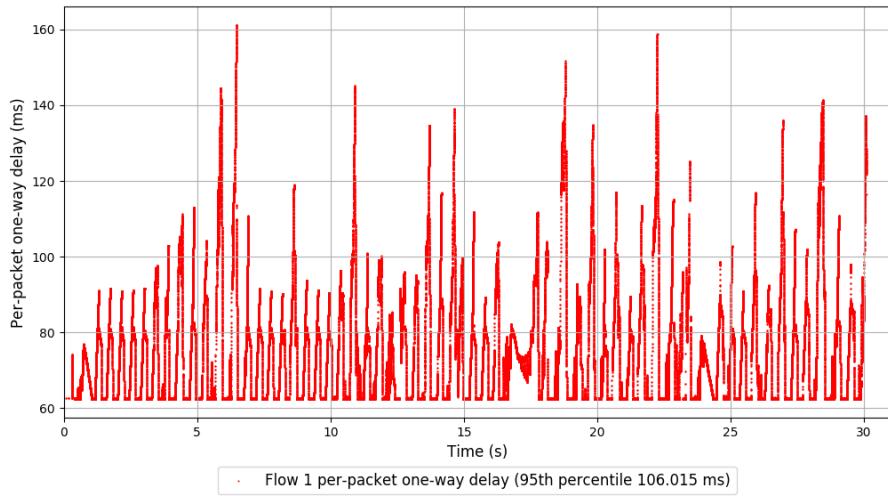
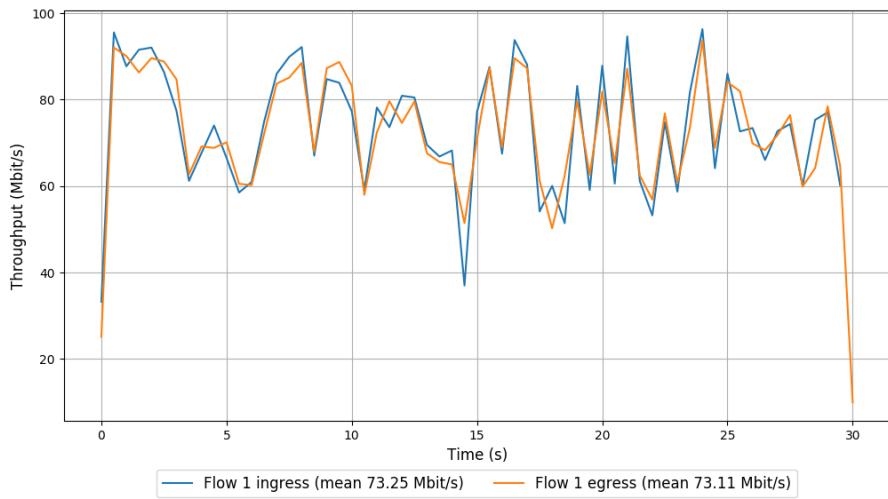


Run 3: Statistics of TaoVA-100x

```
Start at: Wed, 05 Jul 2017 07:58:16 +0000
End at: Wed, 05 Jul 2017 07:58:46 +0000
Local clock offset: 0.279 ms
Remote clock offset: -4.739 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:31:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.11 Mbit/s
95th percentile per-packet one-way delay: 106.015 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 73.11 Mbit/s
95th percentile per-packet one-way delay: 106.015 ms
Loss rate: 0.00%
```

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

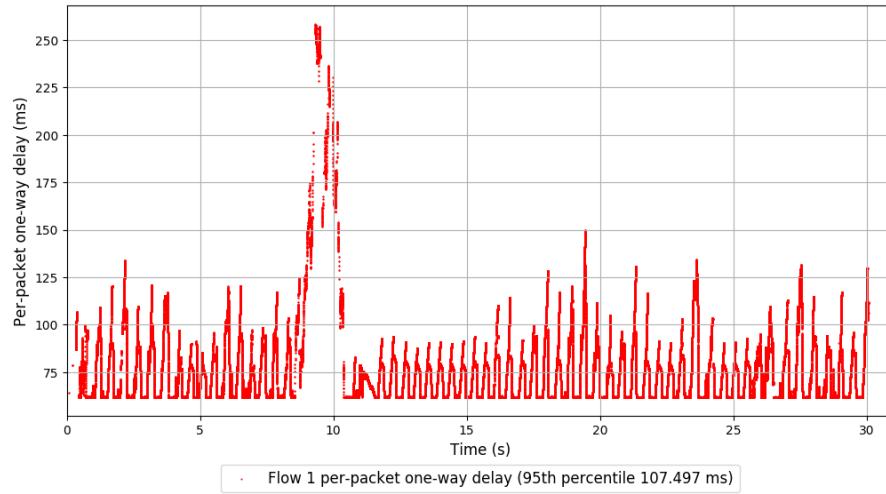
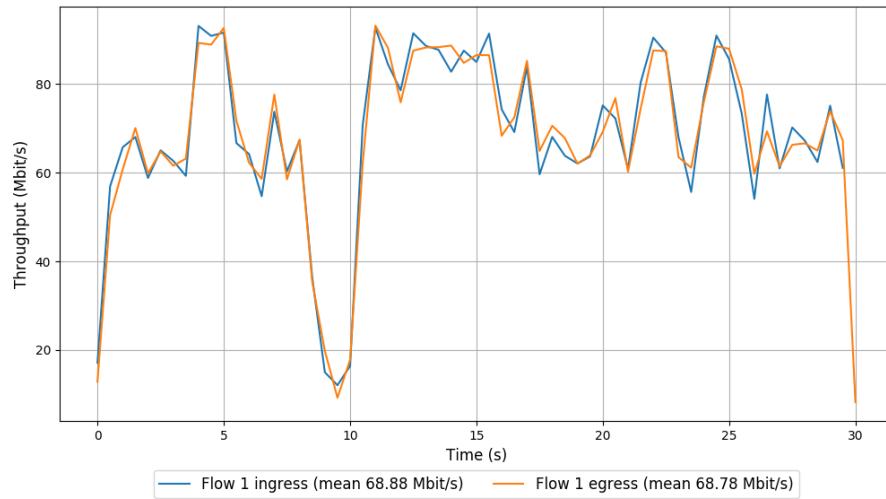


Run 4: Statistics of TaoVA-100x

```
Start at: Wed, 05 Jul 2017 08:15:54 +0000
End at: Wed, 05 Jul 2017 08:16:24 +0000
Local clock offset: 0.269 ms
Remote clock offset: -3.85 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:31:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 68.78 Mbit/s
95th percentile per-packet one-way delay: 107.497 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 68.78 Mbit/s
95th percentile per-packet one-way delay: 107.497 ms
Loss rate: 0.00%
```

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

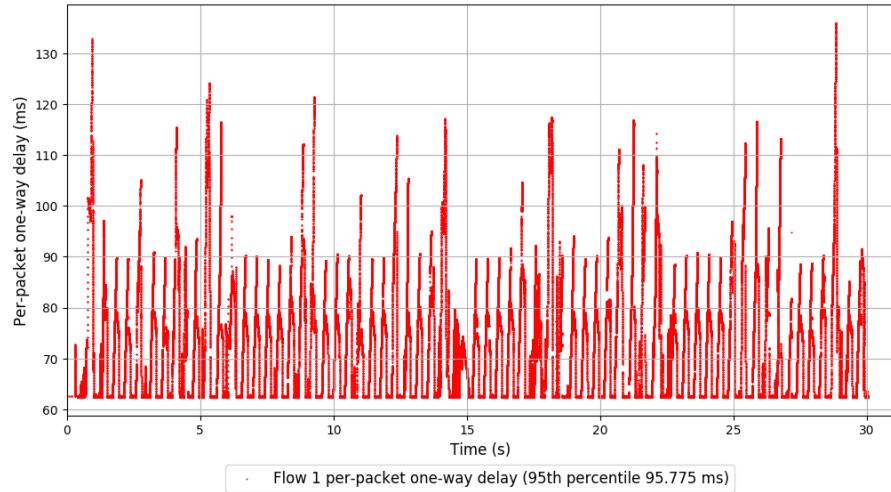
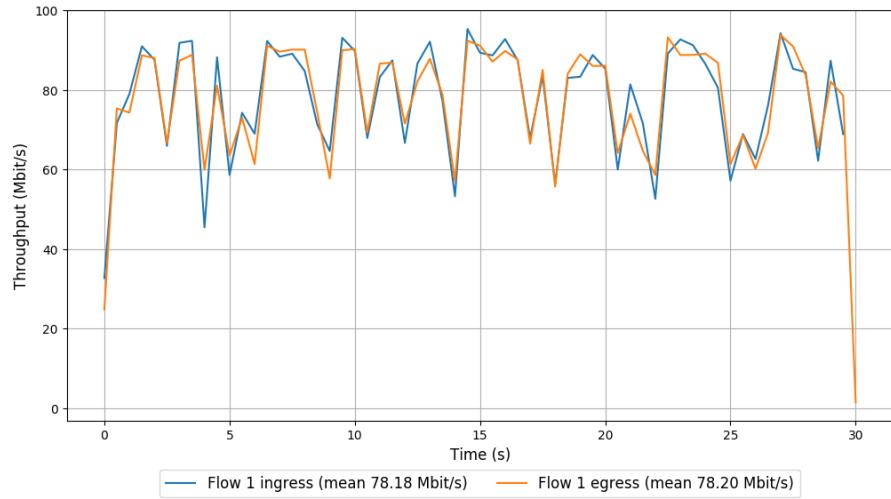


Run 5: Statistics of TaoVA-100x

```
Start at: Wed, 05 Jul 2017 08:33:22 +0000
End at: Wed, 05 Jul 2017 08:33:52 +0000
Local clock offset: 0.304 ms
Remote clock offset: -4.878 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:32:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.20 Mbit/s
95th percentile per-packet one-way delay: 95.775 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 78.20 Mbit/s
95th percentile per-packet one-way delay: 95.775 ms
Loss rate: 0.00%
```

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

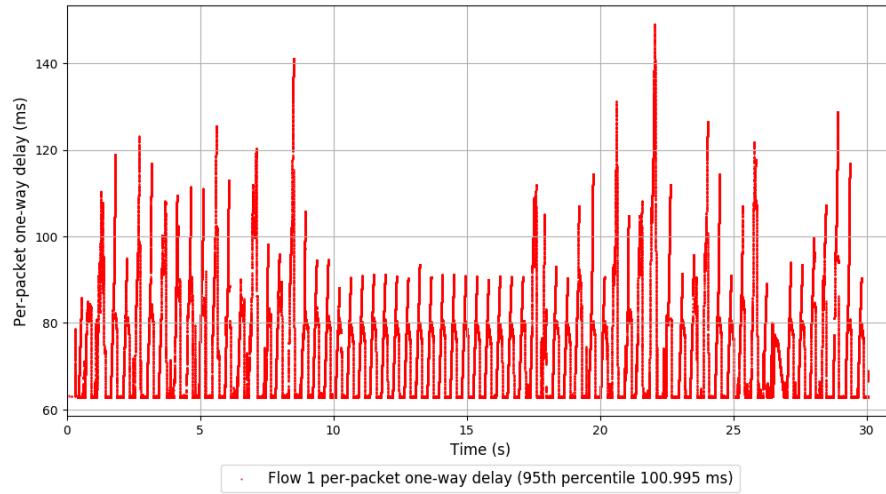
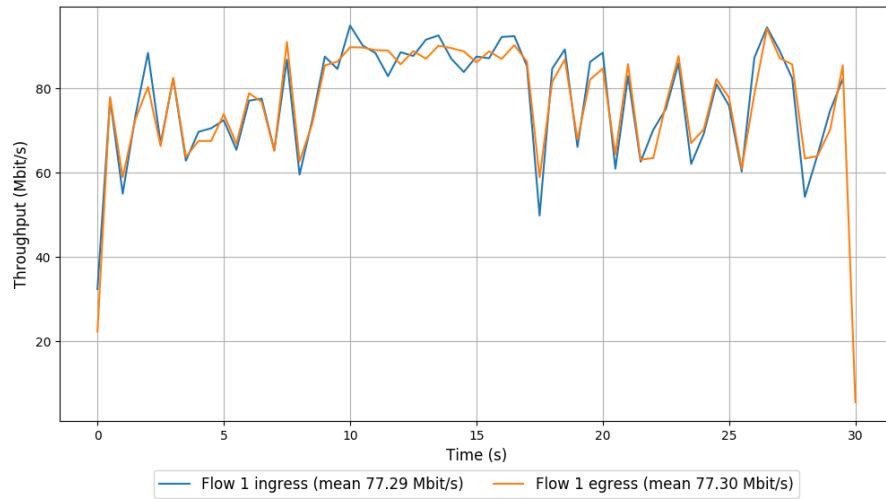


Run 6: Statistics of TaoVA-100x

```
Start at: Wed, 05 Jul 2017 08:50:53 +0000
End at: Wed, 05 Jul 2017 08:51:23 +0000
Local clock offset: 0.27 ms
Remote clock offset: -5.248 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:32:09 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.30 Mbit/s
95th percentile per-packet one-way delay: 100.995 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 77.30 Mbit/s
95th percentile per-packet one-way delay: 100.995 ms
Loss rate: 0.00%
```

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



Run 7: Statistics of TaoVA-100x

Start at: Wed, 05 Jul 2017 09:08:22 +0000

End at: Wed, 05 Jul 2017 09:08:52 +0000

Local clock offset: 0.287 ms

Remote clock offset: -4.572 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:32:21 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 76.20 Mbit/s

95th percentile per-packet one-way delay: 100.879 ms

Loss rate: 0.00%

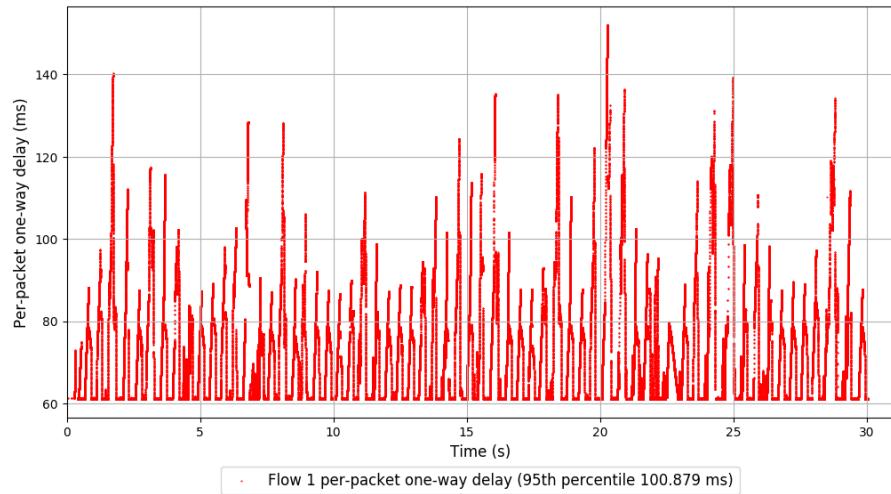
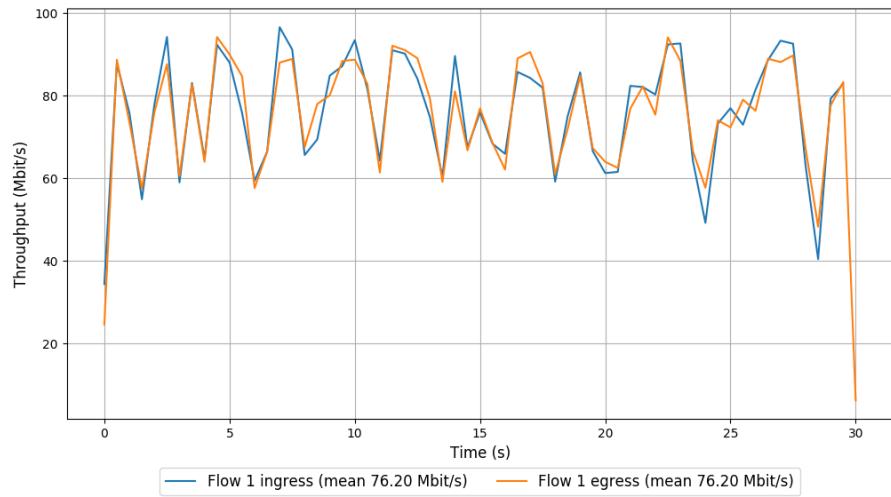
-- Flow 1:

Average throughput: 76.20 Mbit/s

95th percentile per-packet one-way delay: 100.879 ms

Loss rate: 0.00%

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

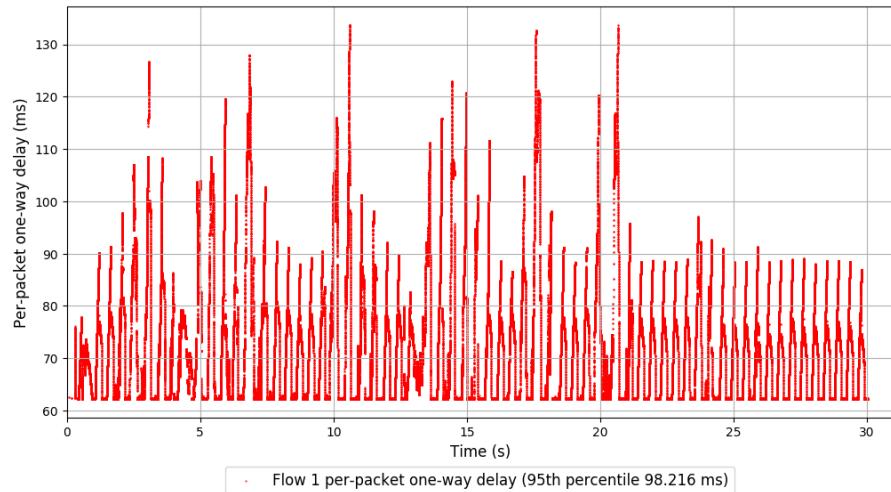
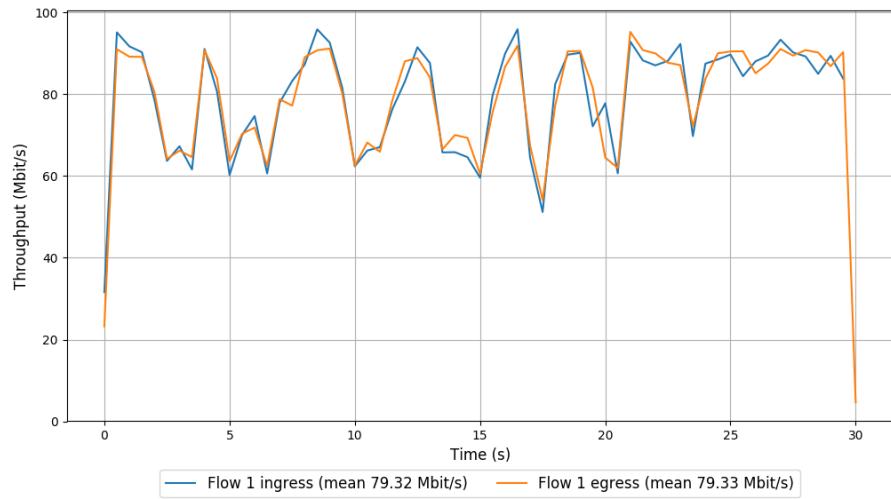


Run 8: Statistics of TaoVA-100x

```
Start at: Wed, 05 Jul 2017 09:25:54 +0000
End at: Wed, 05 Jul 2017 09:26:24 +0000
Local clock offset: 0.305 ms
Remote clock offset: -3.685 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:32:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.33 Mbit/s
95th percentile per-packet one-way delay: 98.216 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 79.33 Mbit/s
95th percentile per-packet one-way delay: 98.216 ms
Loss rate: 0.00%
```

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

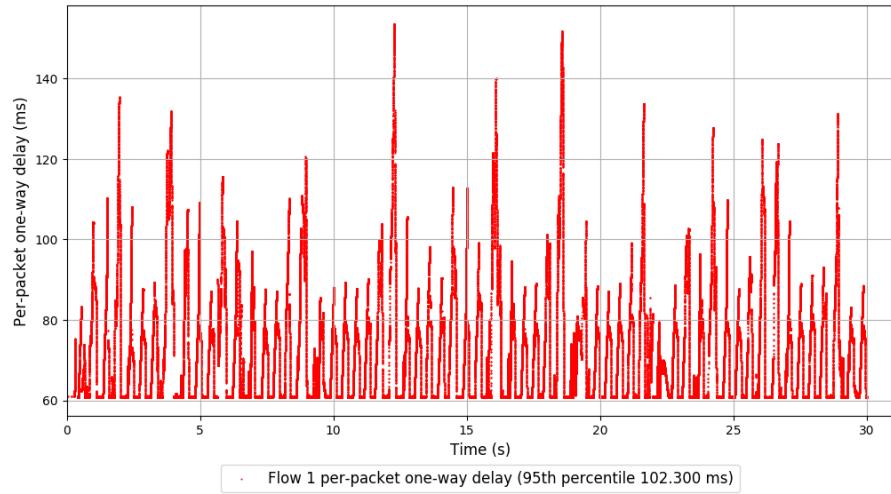
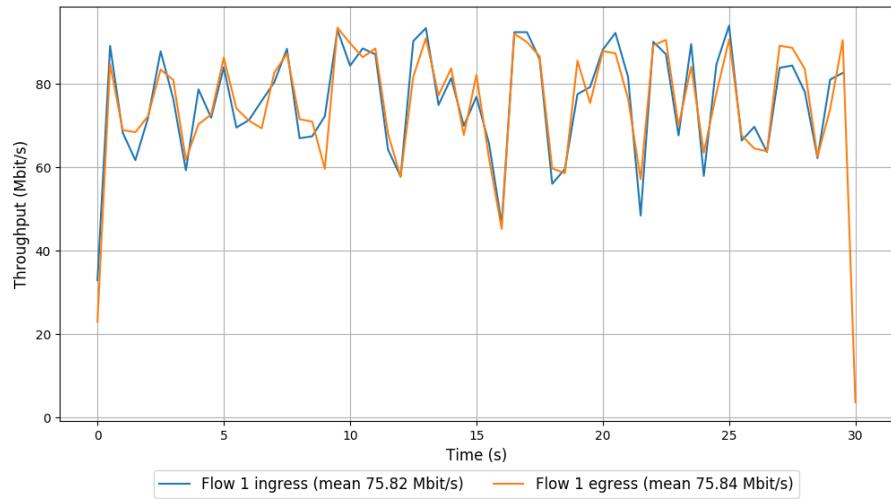


Run 9: Statistics of TaoVA-100x

```
Start at: Wed, 05 Jul 2017 09:43:23 +0000
End at: Wed, 05 Jul 2017 09:43:53 +0000
Local clock offset: 0.326 ms
Remote clock offset: -3.773 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:32:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.84 Mbit/s
95th percentile per-packet one-way delay: 102.300 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 75.84 Mbit/s
95th percentile per-packet one-way delay: 102.300 ms
Loss rate: 0.00%
```

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

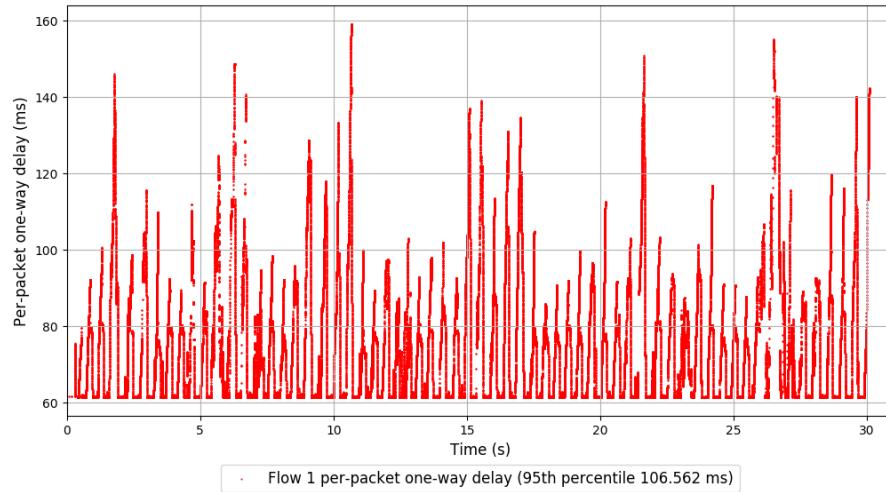
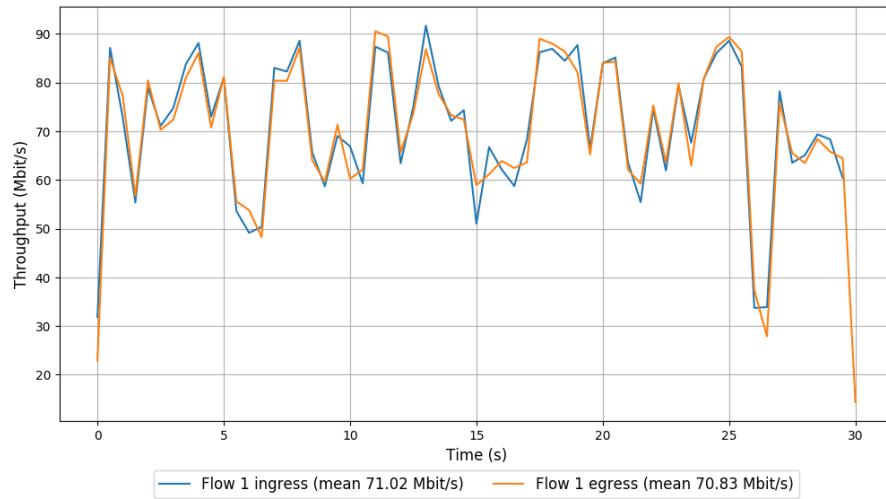


Run 10: Statistics of TaoVA-100x

```
Start at: Wed, 05 Jul 2017 10:00:54 +0000
End at: Wed, 05 Jul 2017 10:01:24 +0000
Local clock offset: 0.326 ms
Remote clock offset: -3.14 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:32:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.83 Mbit/s
95th percentile per-packet one-way delay: 106.562 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 70.83 Mbit/s
95th percentile per-packet one-way delay: 106.562 ms
Loss rate: 0.00%
```

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



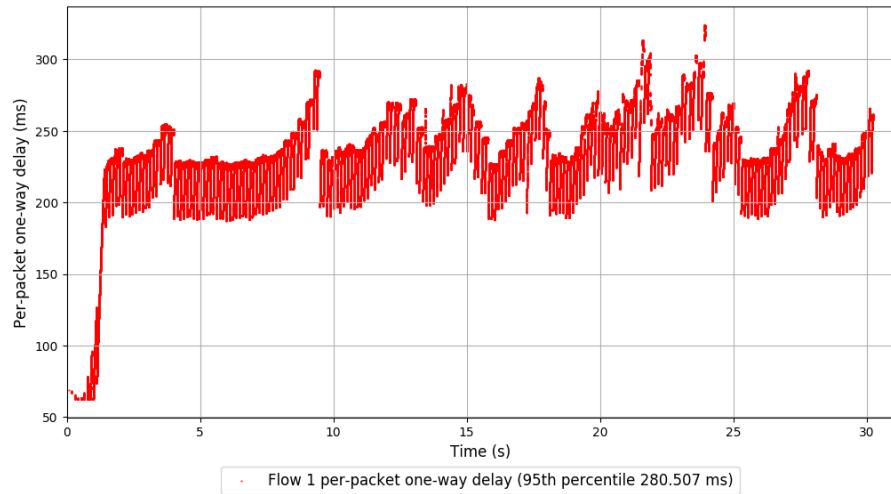
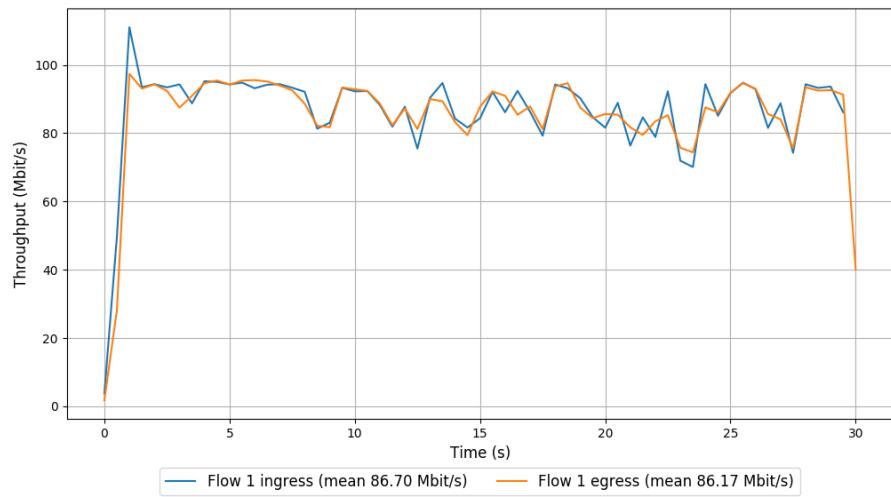
Run 1: Statistics of TCP Vegas

Start at: Wed, 05 Jul 2017 07:30:15 +0000  
End at: Wed, 05 Jul 2017 07:30:45 +0000

Local clock offset: 0.256 ms  
Remote clock offset: -6.142 ms

```
# Below is generated by plot.py at Wed, 05 Jul 2017 13:32:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.17 Mbit/s
95th percentile per-packet one-way delay: 280.507 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 86.17 Mbit/s
95th percentile per-packet one-way delay: 280.507 ms
Loss rate: 0.00%
```

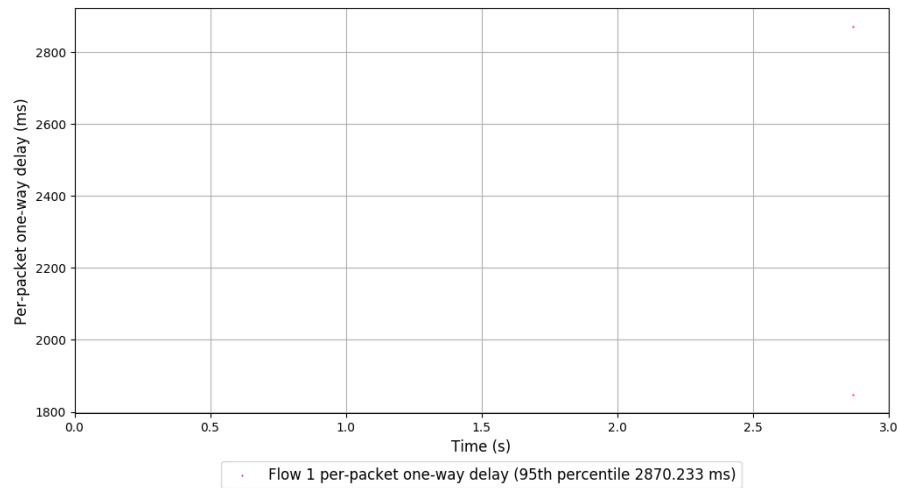
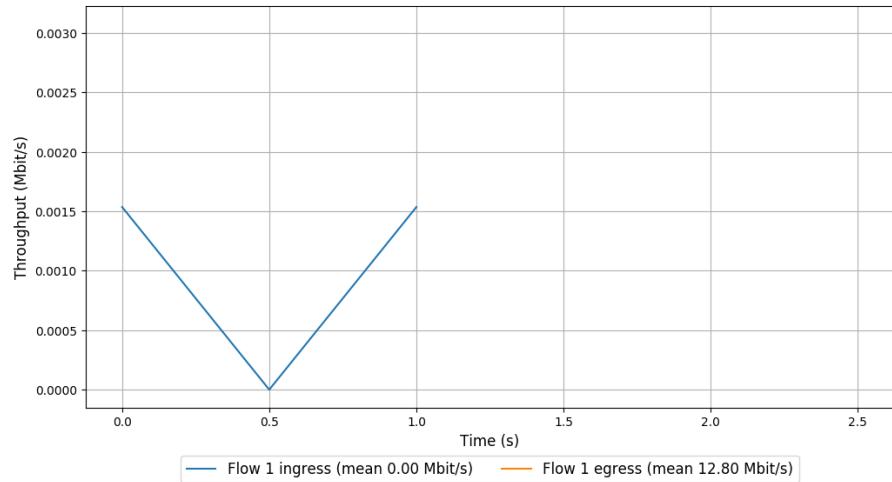
Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: Wed, 05 Jul 2017 07:47:49 +0000  
End at: Wed, 05 Jul 2017 07:48:19 +0000  
Local clock offset: 0.193 ms  
Remote clock offset: -4.606 ms

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

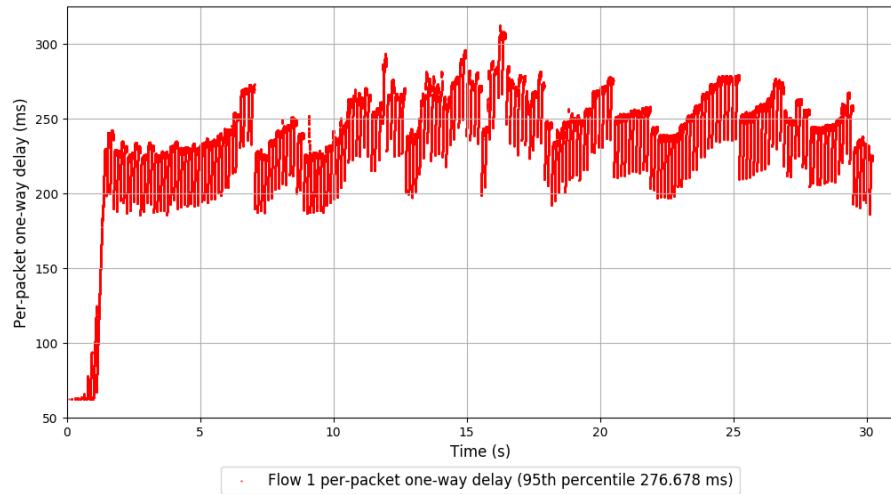
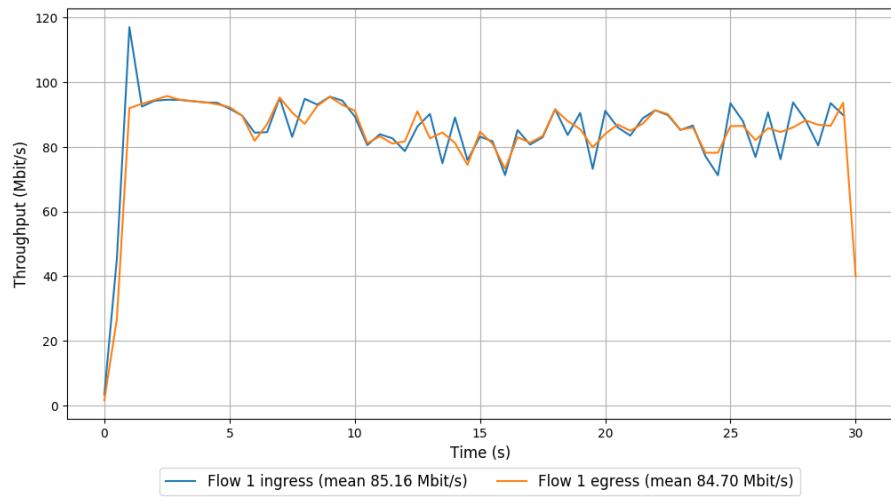


Run 3: Statistics of TCP Vegas

```
Start at: Wed, 05 Jul 2017 08:05:19 +0000
End at: Wed, 05 Jul 2017 08:05:49 +0000
Local clock offset: 0.265 ms
Remote clock offset: -4.398 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:33:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.70 Mbit/s
95th percentile per-packet one-way delay: 276.678 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 84.70 Mbit/s
95th percentile per-packet one-way delay: 276.678 ms
Loss rate: 0.00%
```

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

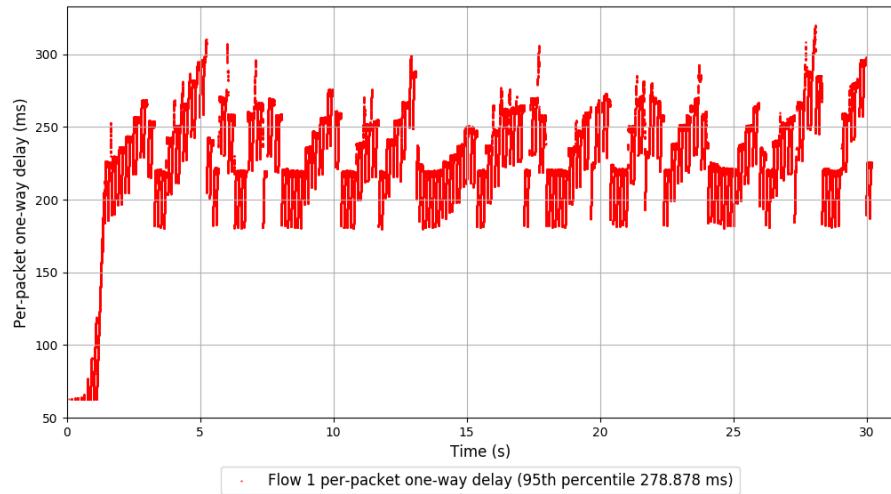
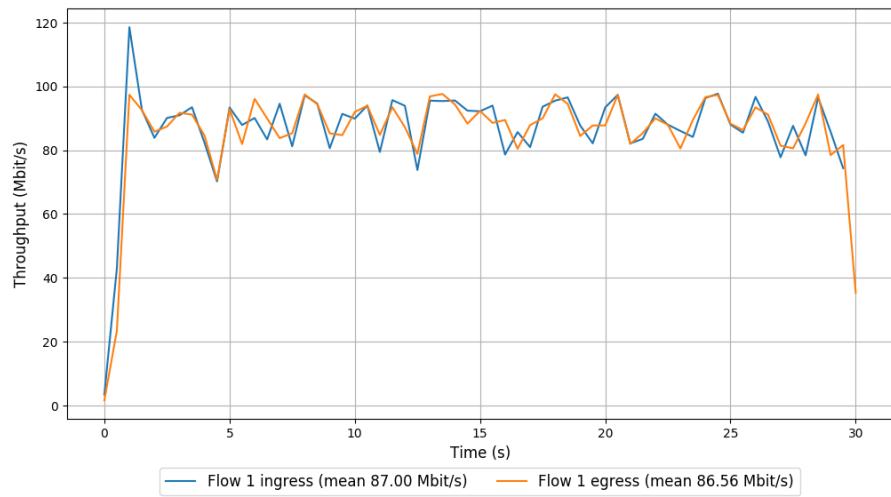


Run 4: Statistics of TCP Vegas

```
Start at: Wed, 05 Jul 2017 08:22:57 +0000
End at: Wed, 05 Jul 2017 08:23:27 +0000
Local clock offset: 0.268 ms
Remote clock offset: -3.907 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:33:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.56 Mbit/s
95th percentile per-packet one-way delay: 278.878 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 86.56 Mbit/s
95th percentile per-packet one-way delay: 278.878 ms
Loss rate: 0.00%
```

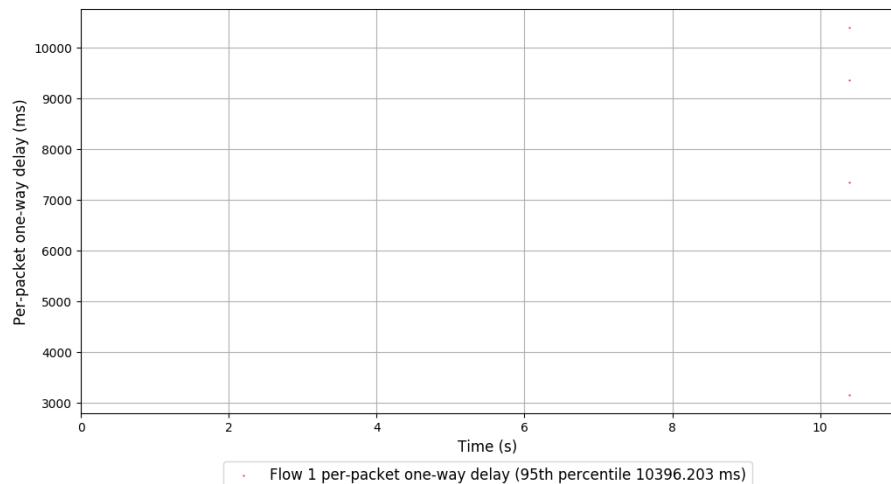
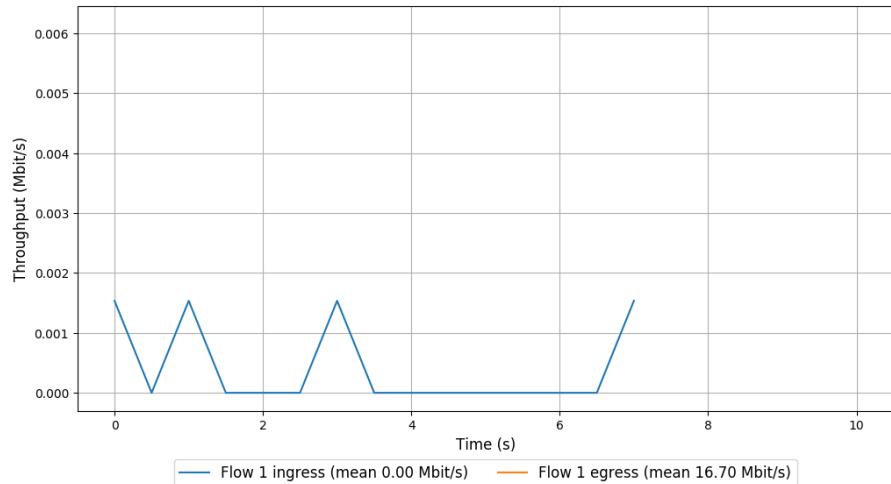
### Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: Wed, 05 Jul 2017 08:40:26 +0000  
End at: Wed, 05 Jul 2017 08:40:56 +0000  
Local clock offset: 0.199 ms  
Remote clock offset: -4.897 ms

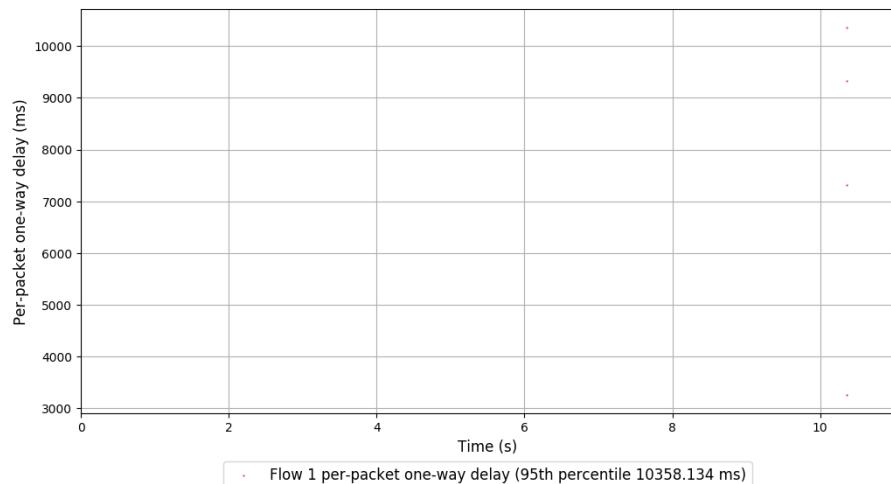
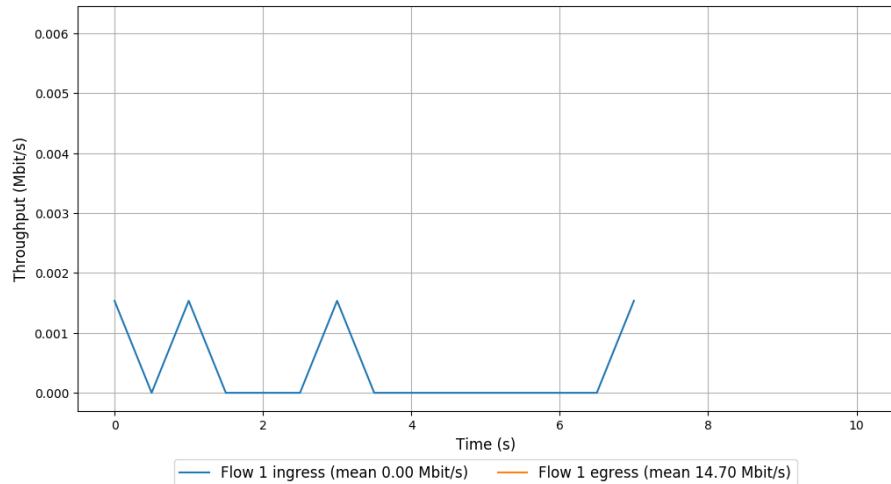
## Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: Wed, 05 Jul 2017 08:57:57 +0000  
End at: Wed, 05 Jul 2017 08:58:27 +0000  
Local clock offset: 0.247 ms  
Remote clock offset: -4.702 ms

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



Run 7: Statistics of TCP Vegas

Start at: Wed, 05 Jul 2017 09:15:26 +0000

End at: Wed, 05 Jul 2017 09:15:56 +0000

Local clock offset: 0.311 ms

Remote clock offset: -4.725 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:33:15 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 84.22 Mbit/s

95th percentile per-packet one-way delay: 126.298 ms

Loss rate: 0.00%

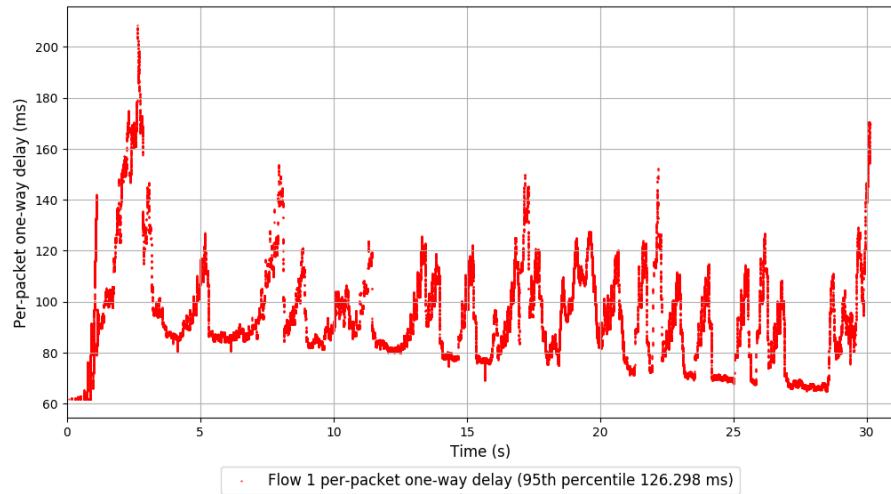
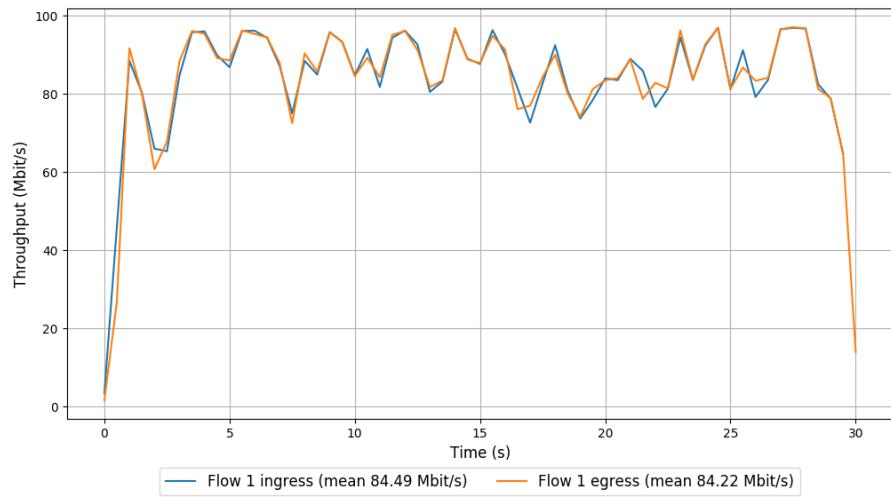
-- Flow 1:

Average throughput: 84.22 Mbit/s

95th percentile per-packet one-way delay: 126.298 ms

Loss rate: 0.00%

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

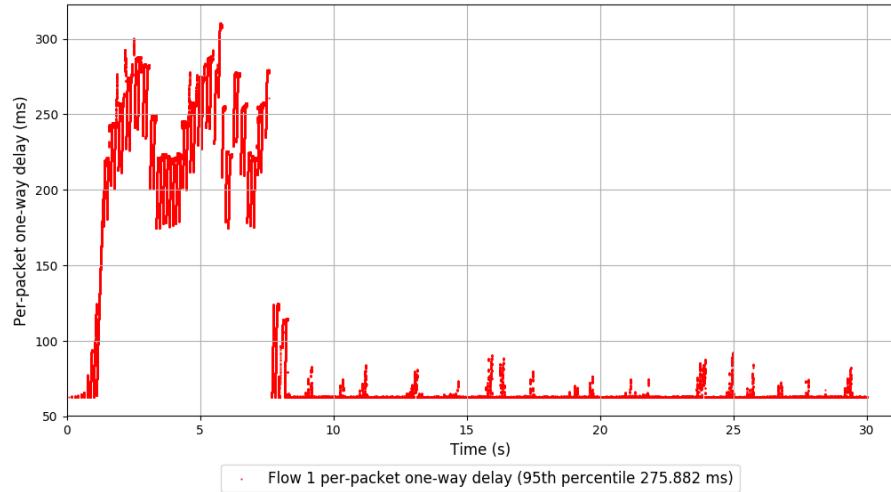
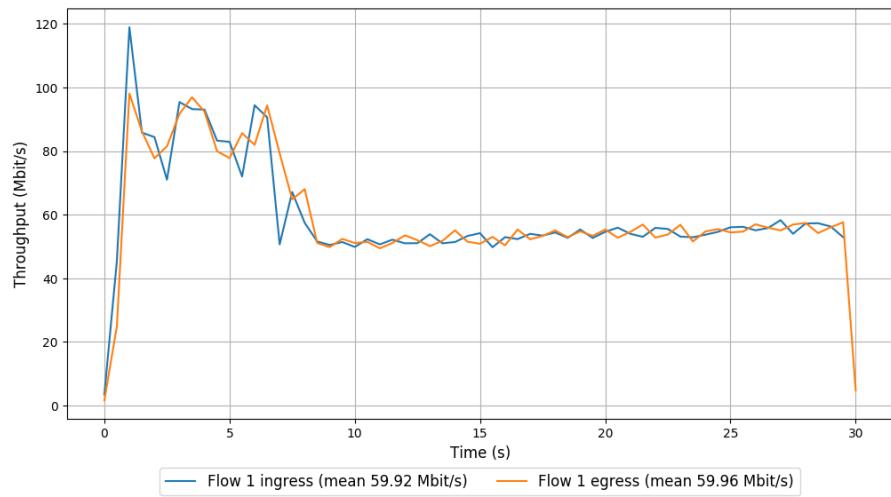


Run 8: Statistics of TCP Vegas

```
Start at: Wed, 05 Jul 2017 09:32:56 +0000
End at: Wed, 05 Jul 2017 09:33:26 +0000
Local clock offset: 0.244 ms
Remote clock offset: -4.074 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:33:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 59.96 Mbit/s
95th percentile per-packet one-way delay: 275.882 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 59.96 Mbit/s
95th percentile per-packet one-way delay: 275.882 ms
Loss rate: 0.00%
```

Run 8: Report of TCP Vegas — Data Link

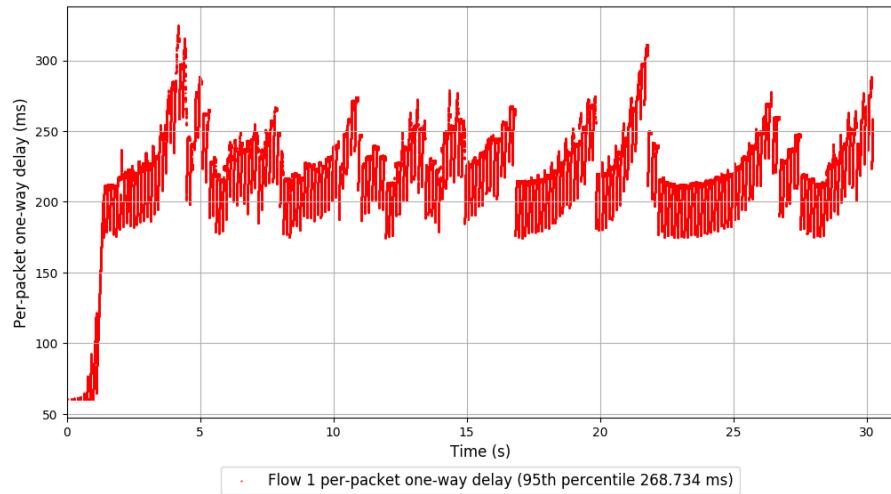
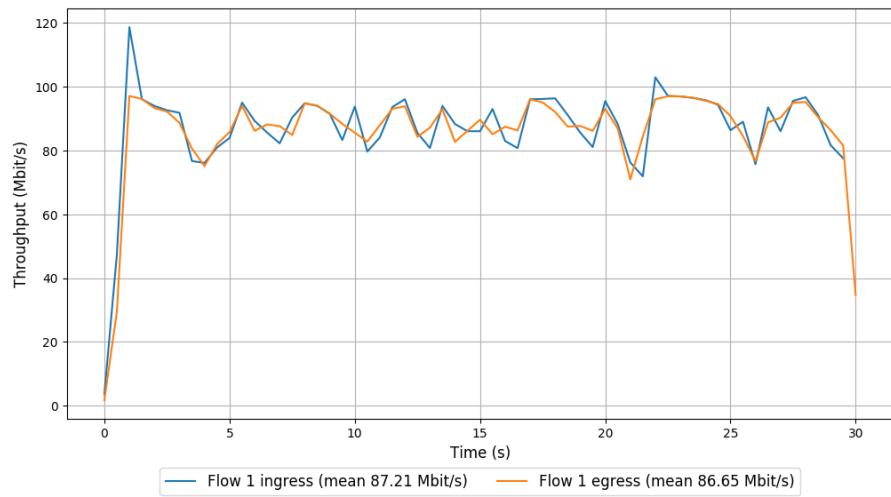


Run 9: Statistics of TCP Vegas

```
Start at: Wed, 05 Jul 2017 09:50:26 +0000
End at: Wed, 05 Jul 2017 09:50:57 +0000
Local clock offset: 0.338 ms
Remote clock offset: -3.334 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:33:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.65 Mbit/s
95th percentile per-packet one-way delay: 268.734 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 86.65 Mbit/s
95th percentile per-packet one-way delay: 268.734 ms
Loss rate: 0.00%
```

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



Run 10: Statistics of TCP Vegas

Start at: Wed, 05 Jul 2017 10:07:58 +0000

End at: Wed, 05 Jul 2017 10:08:28 +0000

Local clock offset: 0.259 ms

Remote clock offset: -2.923 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:33:28 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 94.09 Mbit/s

95th percentile per-packet one-way delay: 223.378 ms

Loss rate: 0.02%

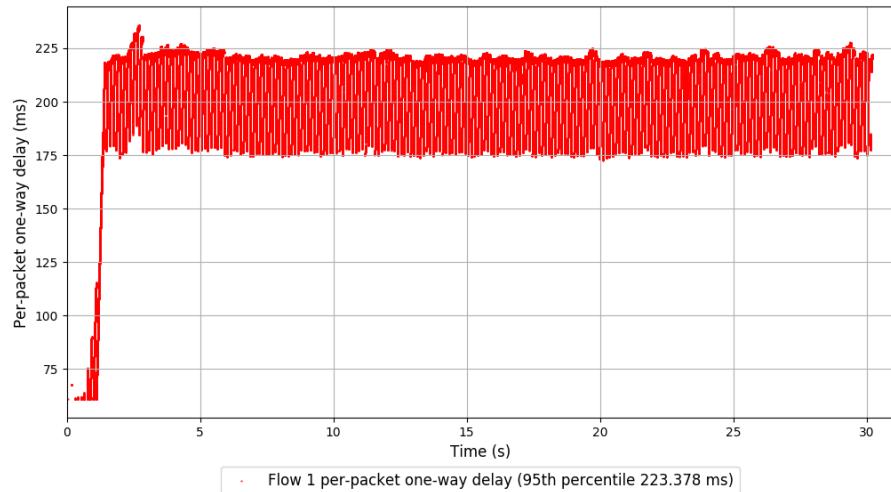
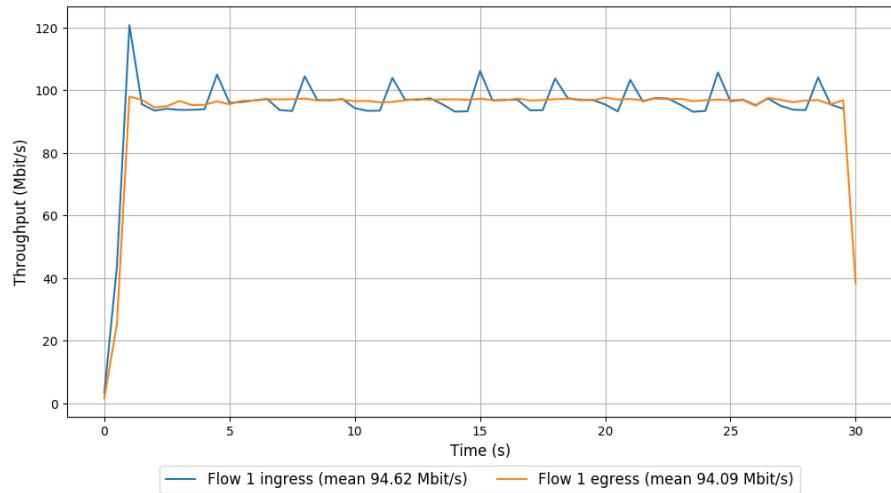
-- Flow 1:

Average throughput: 94.09 Mbit/s

95th percentile per-packet one-way delay: 223.378 ms

Loss rate: 0.02%

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



Run 1: Statistics of Verus

Start at: Wed, 05 Jul 2017 07:21:56 +0000

End at: Wed, 05 Jul 2017 07:22:26 +0000

Local clock offset: 0.224 ms

Remote clock offset: -6.081 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:33:38 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 77.45 Mbit/s

95th percentile per-packet one-way delay: 536.238 ms

Loss rate: 0.21%

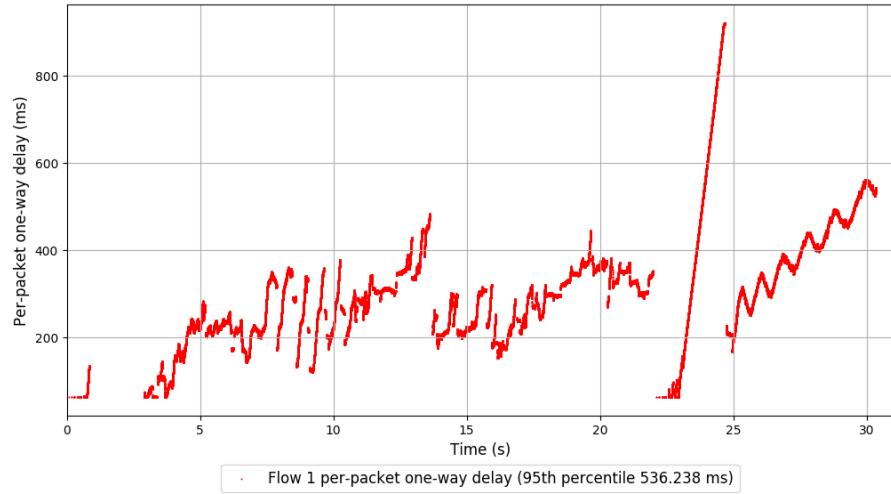
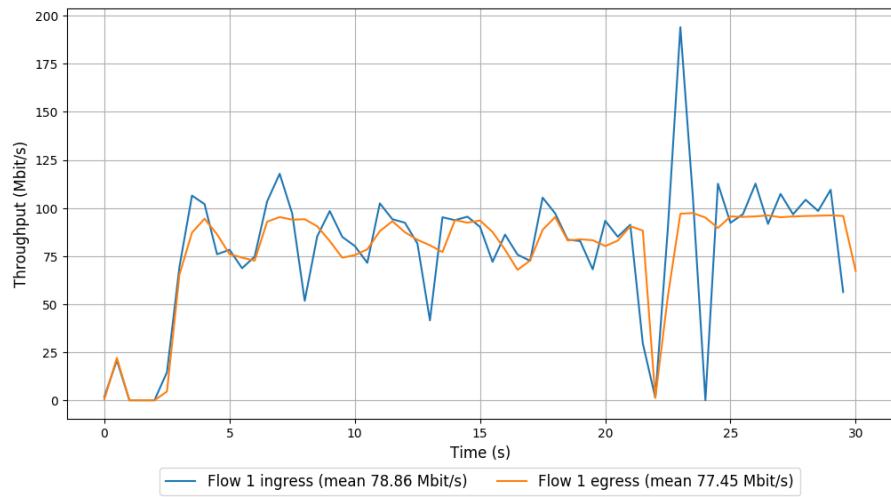
-- Flow 1:

Average throughput: 77.45 Mbit/s

95th percentile per-packet one-way delay: 536.238 ms

Loss rate: 0.21%

## Run 1: Report of Verus — Data Link

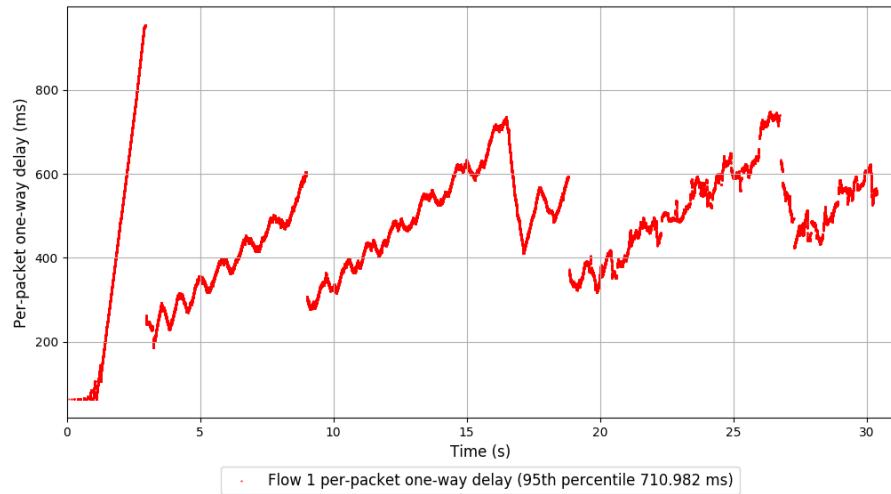
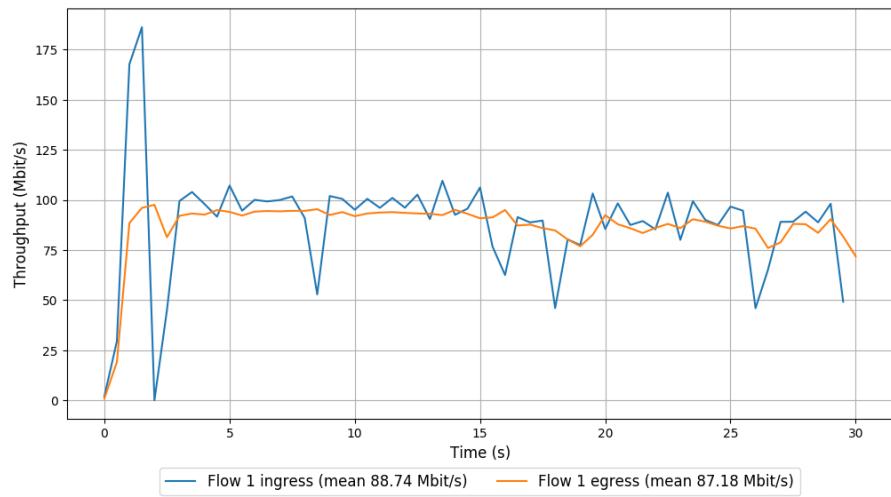


Run 2: Statistics of Verus

```
Start at: Wed, 05 Jul 2017 07:39:31 +0000
End at: Wed, 05 Jul 2017 07:40:01 +0000
Local clock offset: 0.255 ms
Remote clock offset: -5.959 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:33:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.18 Mbit/s
95th percentile per-packet one-way delay: 710.982 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 87.18 Mbit/s
95th percentile per-packet one-way delay: 710.982 ms
Loss rate: 0.14%
```

## Run 2: Report of Verus — Data Link

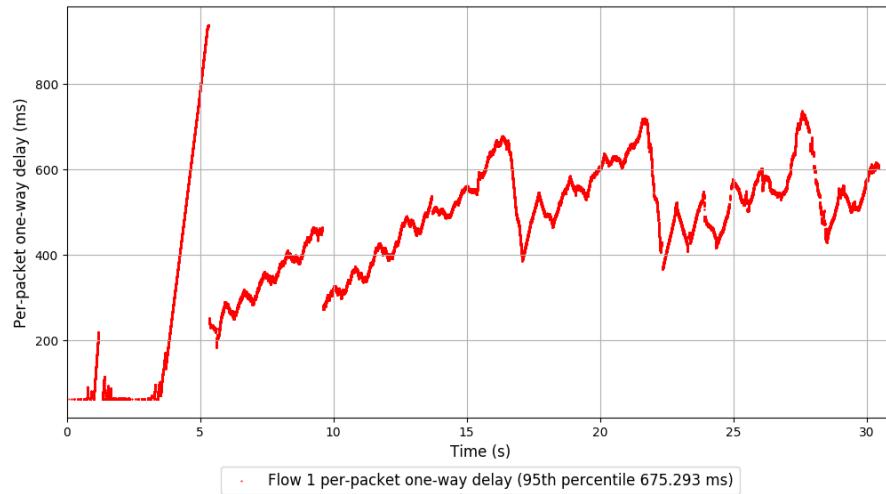
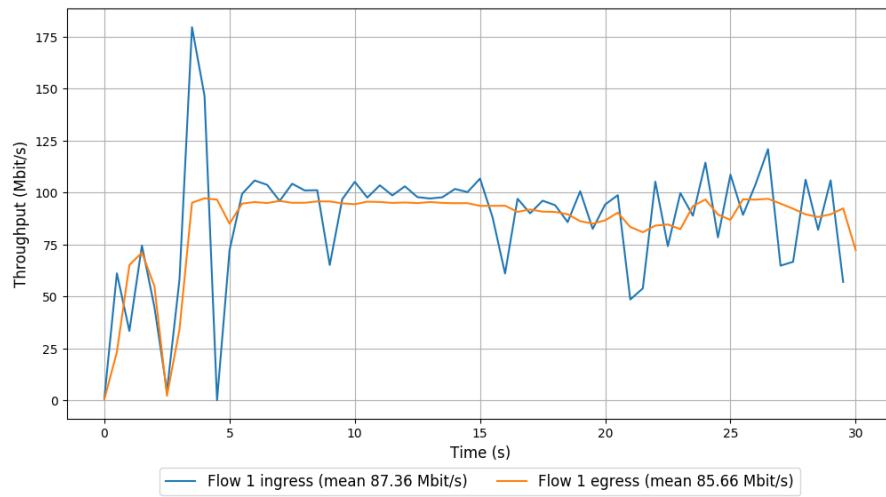


Run 3: Statistics of Verus

```
Start at: Wed, 05 Jul 2017 07:57:00 +0000
End at: Wed, 05 Jul 2017 07:57:30 +0000
Local clock offset: 0.195 ms
Remote clock offset: -4.65 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:33:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.66 Mbit/s
95th percentile per-packet one-way delay: 675.293 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 85.66 Mbit/s
95th percentile per-packet one-way delay: 675.293 ms
Loss rate: 0.15%
```

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

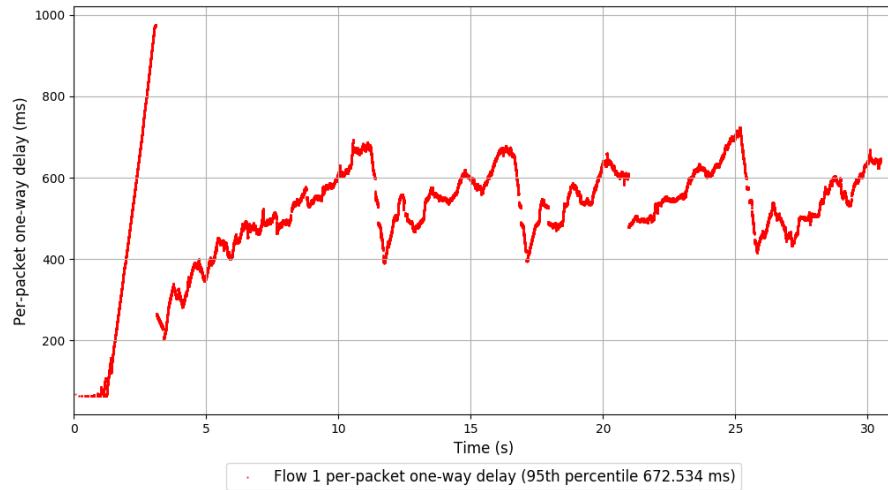
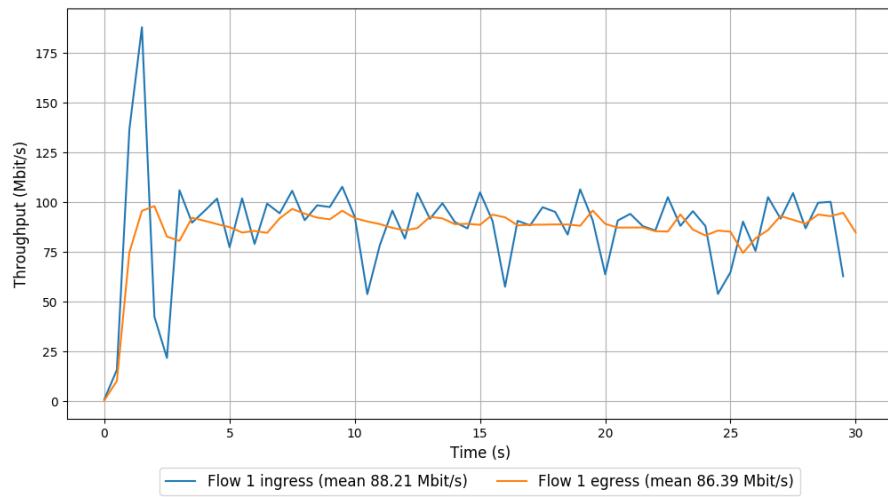


Run 4: Statistics of Verus

```
Start at: Wed, 05 Jul 2017 08:14:38 +0000
End at: Wed, 05 Jul 2017 08:15:08 +0000
Local clock offset: 0.181 ms
Remote clock offset: -4.067 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:33:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.39 Mbit/s
95th percentile per-packet one-way delay: 672.534 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 86.39 Mbit/s
95th percentile per-packet one-way delay: 672.534 ms
Loss rate: 0.16%
```

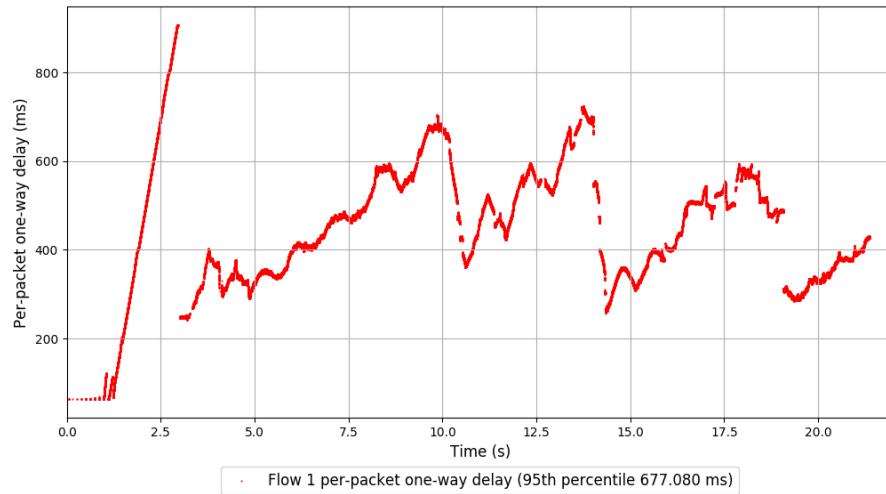
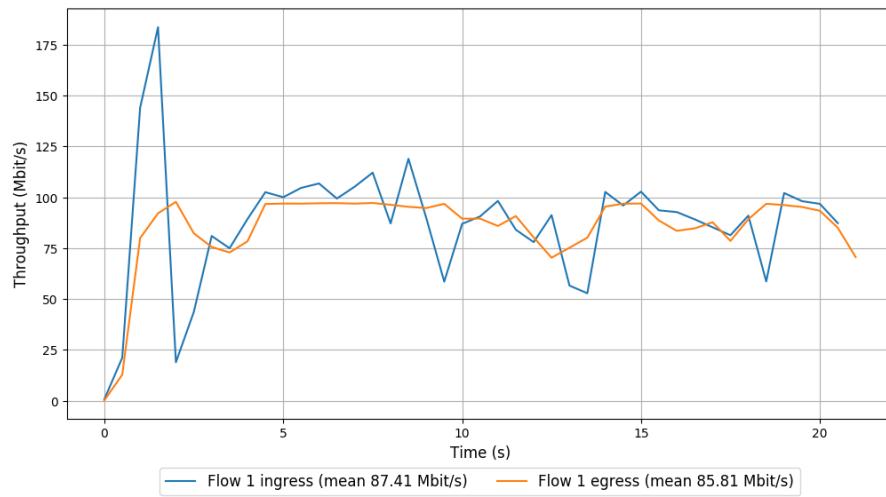
## Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: Wed, 05 Jul 2017 08:32:10 +0000  
End at: Wed, 05 Jul 2017 08:32:40 +0000  
Local clock offset: 0.295 ms  
Remote clock offset: -4.213 ms

## Run 5: Report of Verus — Data Link

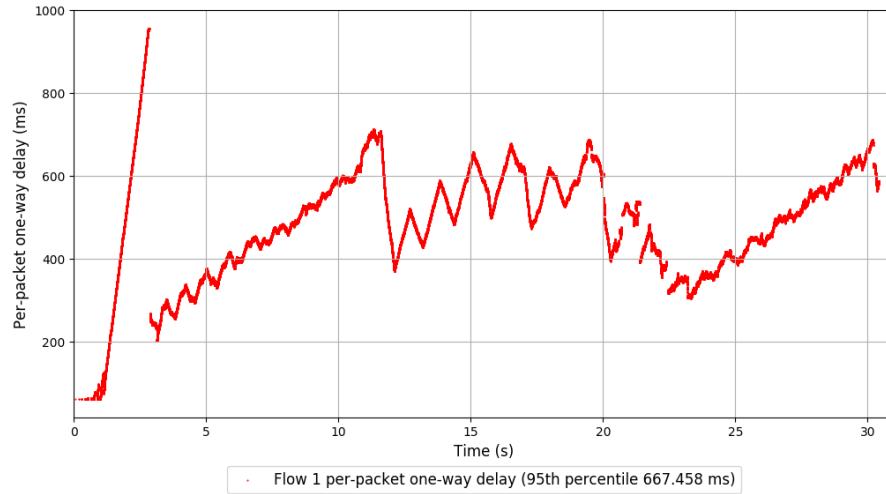
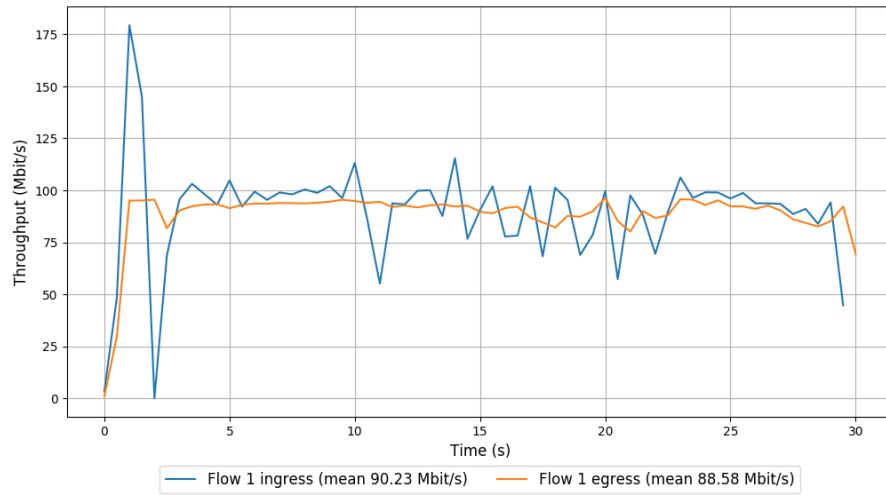


Run 6: Statistics of Verus

```
Start at: Wed, 05 Jul 2017 08:49:38 +0000
End at: Wed, 05 Jul 2017 08:50:08 +0000
Local clock offset: 0.247 ms
Remote clock offset: -5.419 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:34:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.58 Mbit/s
95th percentile per-packet one-way delay: 667.458 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 88.58 Mbit/s
95th percentile per-packet one-way delay: 667.458 ms
Loss rate: 0.09%
```

## Run 6: Report of Verus — Data Link

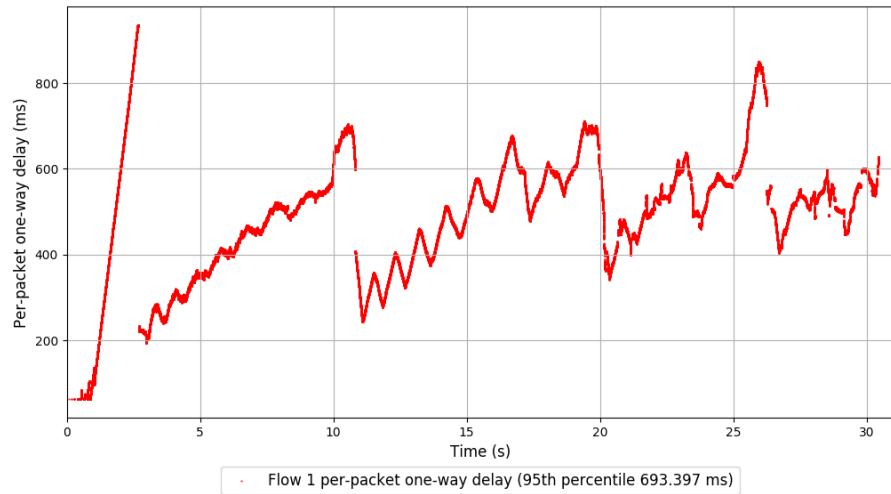
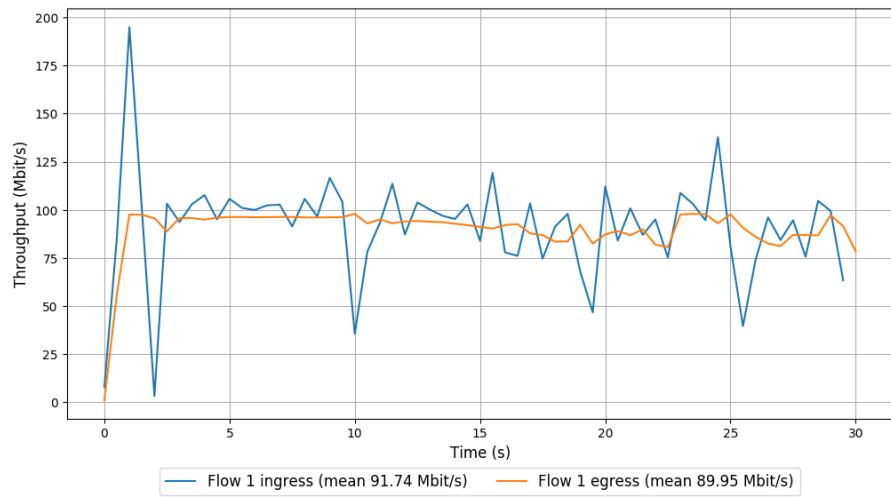


Run 7: Statistics of Verus

```
Start at: Wed, 05 Jul 2017 09:07:06 +0000
End at: Wed, 05 Jul 2017 09:07:36 +0000
Local clock offset: 0.233 ms
Remote clock offset: -4.404 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:34:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.95 Mbit/s
95th percentile per-packet one-way delay: 693.397 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 89.95 Mbit/s
95th percentile per-packet one-way delay: 693.397 ms
Loss rate: 0.12%
```

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

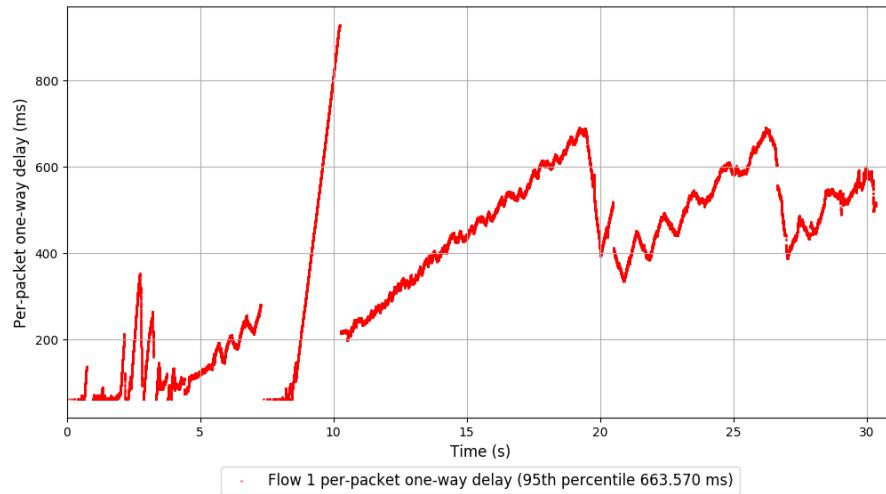
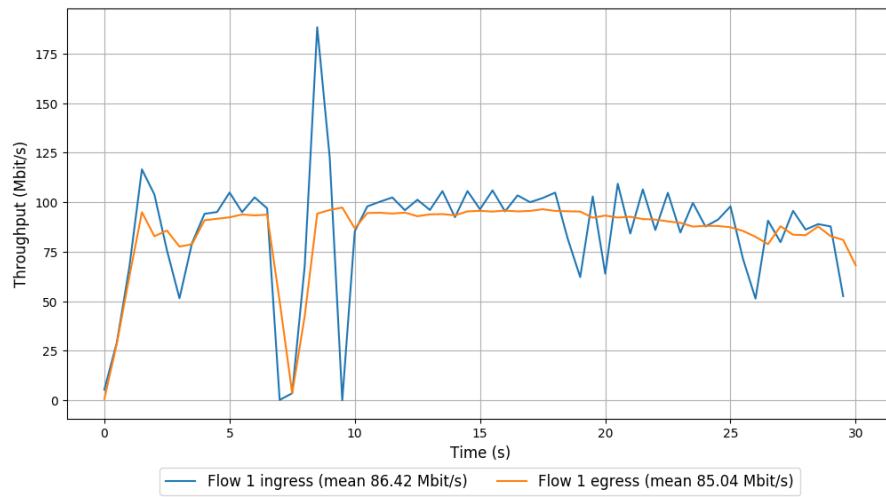


Run 8: Statistics of Verus

```
Start at: Wed, 05 Jul 2017 09:24:39 +0000
End at: Wed, 05 Jul 2017 09:25:09 +0000
Local clock offset: 0.308 ms
Remote clock offset: -4.499 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:34:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.04 Mbit/s
95th percentile per-packet one-way delay: 663.570 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 85.04 Mbit/s
95th percentile per-packet one-way delay: 663.570 ms
Loss rate: 0.11%
```

## Run 8: Report of Verus — Data Link

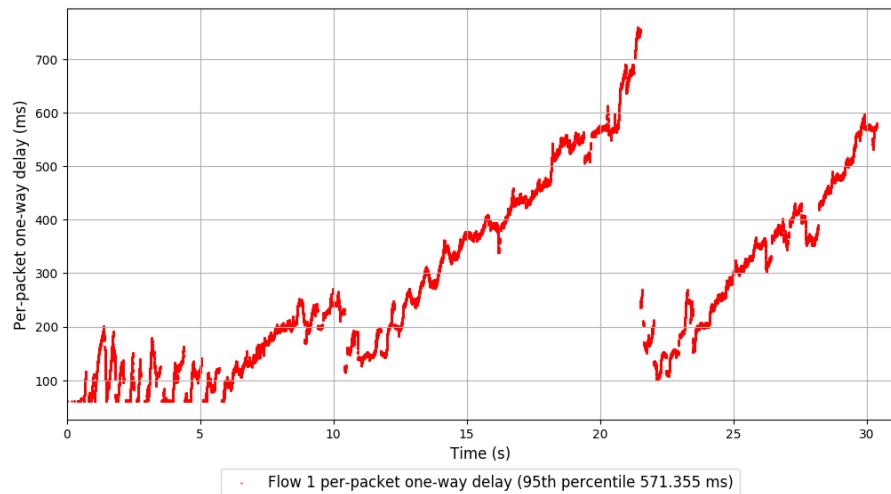
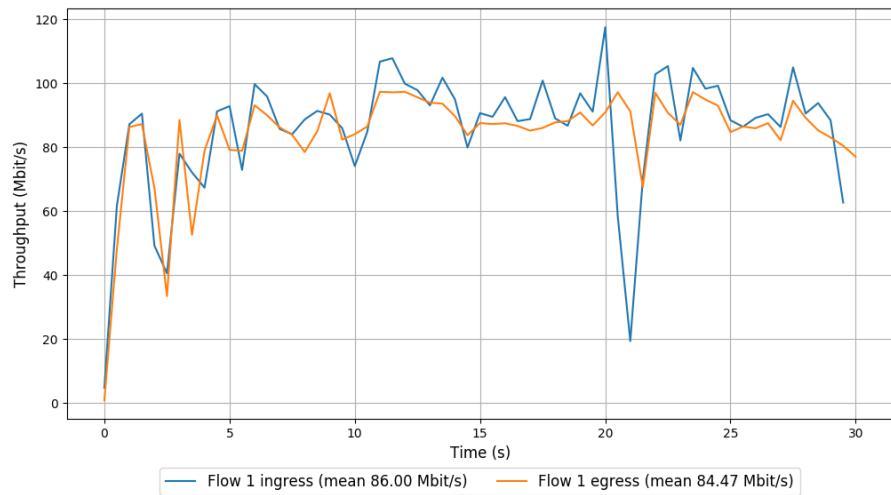


Run 9: Statistics of Verus

```
Start at: Wed, 05 Jul 2017 09:42:08 +0000
End at: Wed, 05 Jul 2017 09:42:38 +0000
Local clock offset: 0.311 ms
Remote clock offset: -4.168 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:34:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.47 Mbit/s
95th percentile per-packet one-way delay: 571.355 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 84.47 Mbit/s
95th percentile per-packet one-way delay: 571.355 ms
Loss rate: 0.08%
```

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

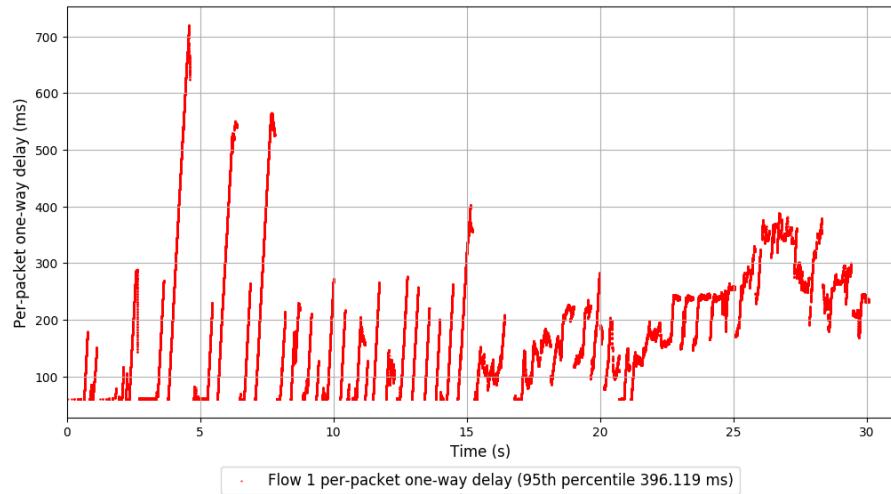
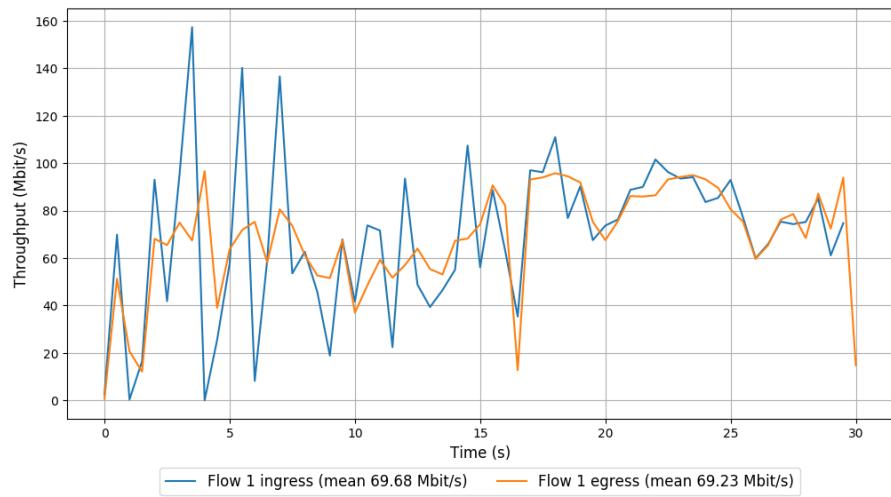


Run 10: Statistics of Verus

```
Start at: Wed, 05 Jul 2017 09:59:41 +0000
End at: Wed, 05 Jul 2017 10:00:11 +0000
Local clock offset: 0.348 ms
Remote clock offset: -2.902 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:34:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 69.23 Mbit/s
95th percentile per-packet one-way delay: 396.119 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 69.23 Mbit/s
95th percentile per-packet one-way delay: 396.119 ms
Loss rate: 0.07%
```

## Run 10: Report of Verus — Data Link

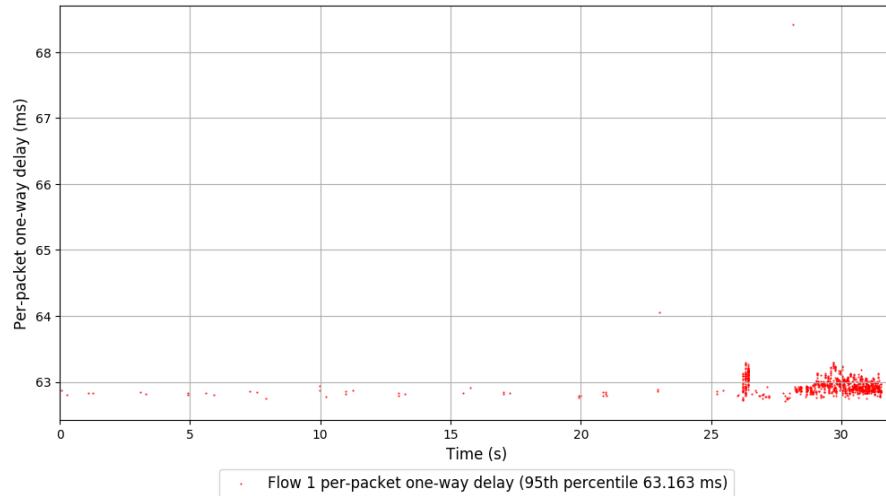
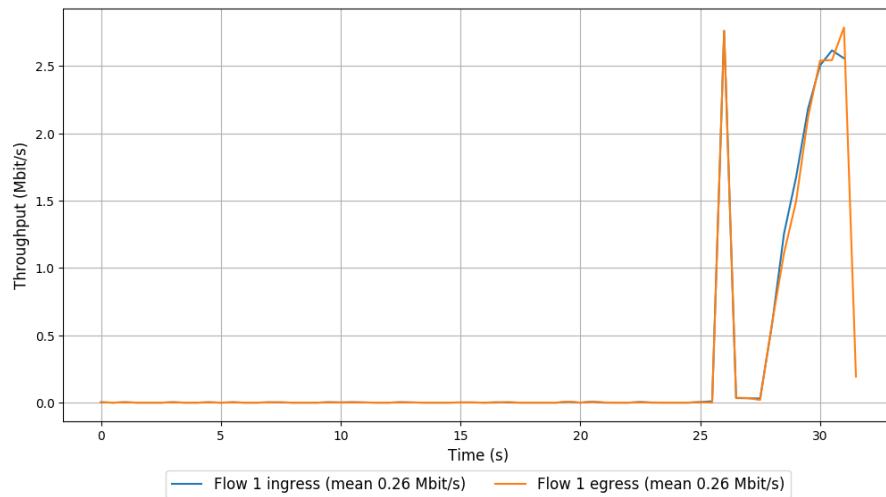


```
Run 1: Statistics of WebRTC media

Start at: Wed, 05 Jul 2017 07:20:50 +0000
End at: Wed, 05 Jul 2017 07:21:20 +0000
Local clock offset: 0.238 ms
Remote clock offset: -5.589 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:34:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 63.163 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 63.163 ms
Loss rate: 0.00%
```

Run 1: Report of WebRTC media — Data Link

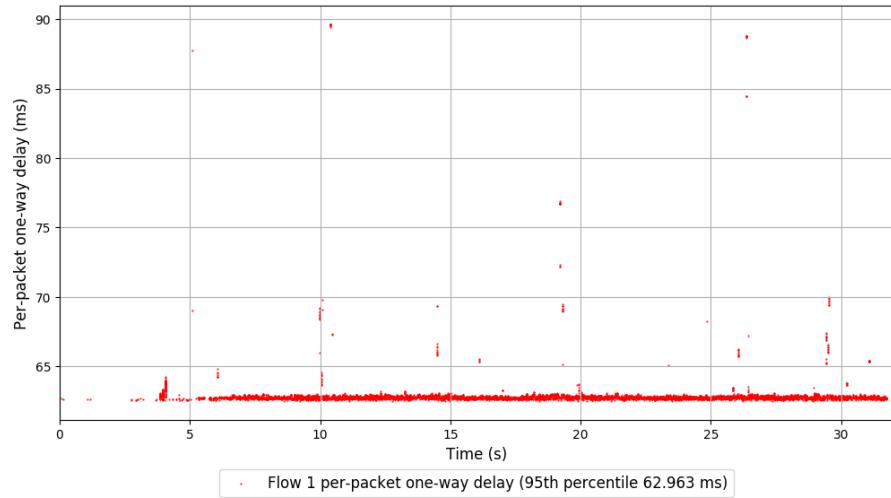
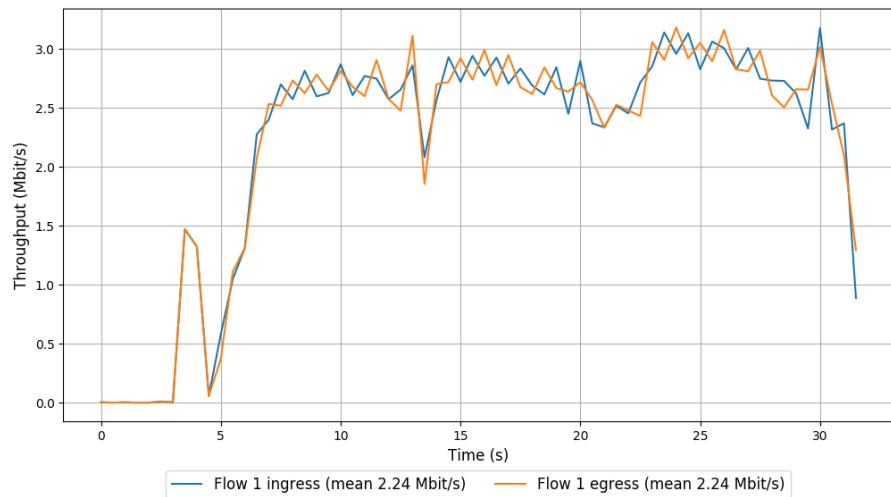


Run 2: Statistics of WebRTC media

```
Start at: Wed, 05 Jul 2017 07:38:25 +0000
End at: Wed, 05 Jul 2017 07:38:55 +0000
Local clock offset: 0.26 ms
Remote clock offset: -5.336 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:34:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.24 Mbit/s
95th percentile per-packet one-way delay: 62.963 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.24 Mbit/s
95th percentile per-packet one-way delay: 62.963 ms
Loss rate: 0.00%
```

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

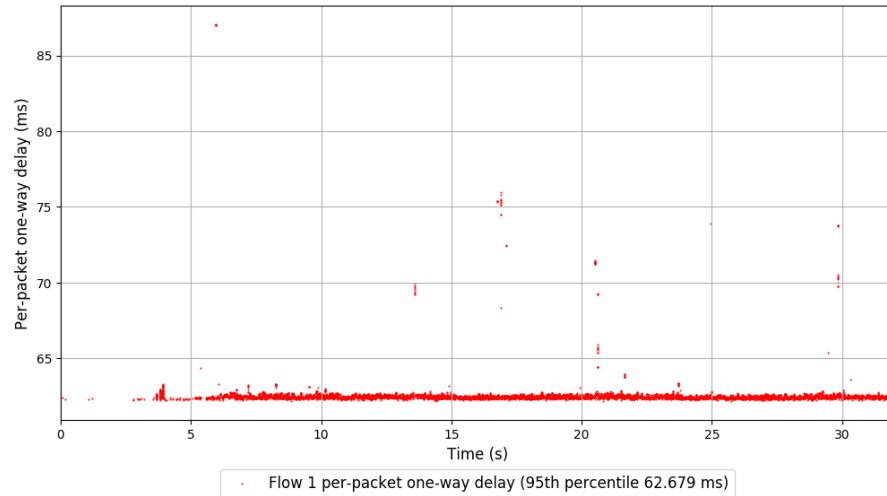
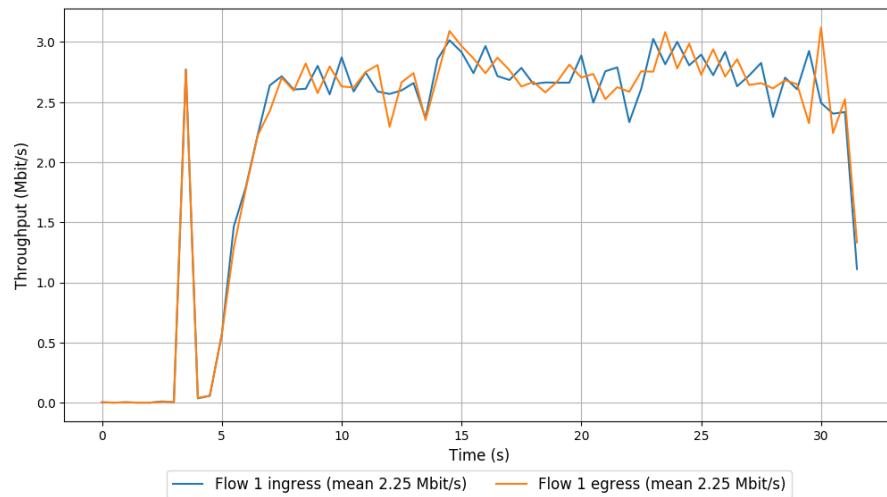


Run 3: Statistics of WebRTC media

```
Start at: Wed, 05 Jul 2017 07:55:54 +0000
End at: Wed, 05 Jul 2017 07:56:24 +0000
Local clock offset: 0.192 ms
Remote clock offset: -5.22 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:34:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 62.679 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 62.679 ms
Loss rate: 0.00%
```

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

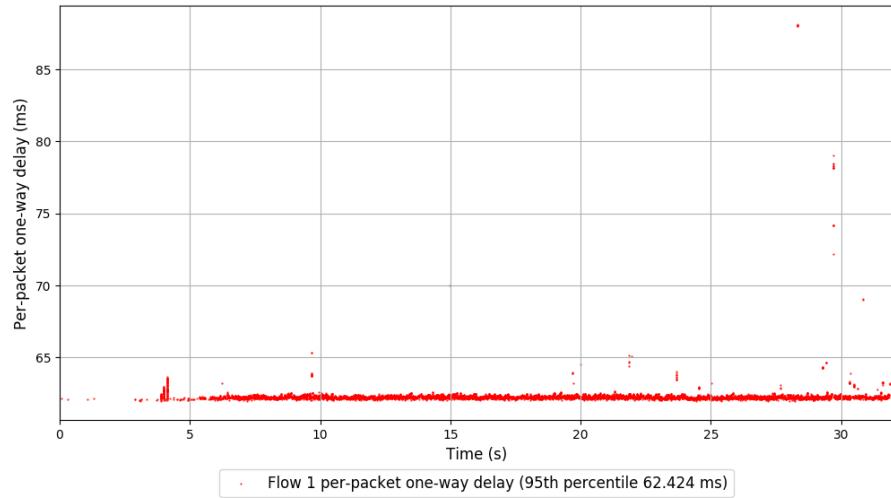
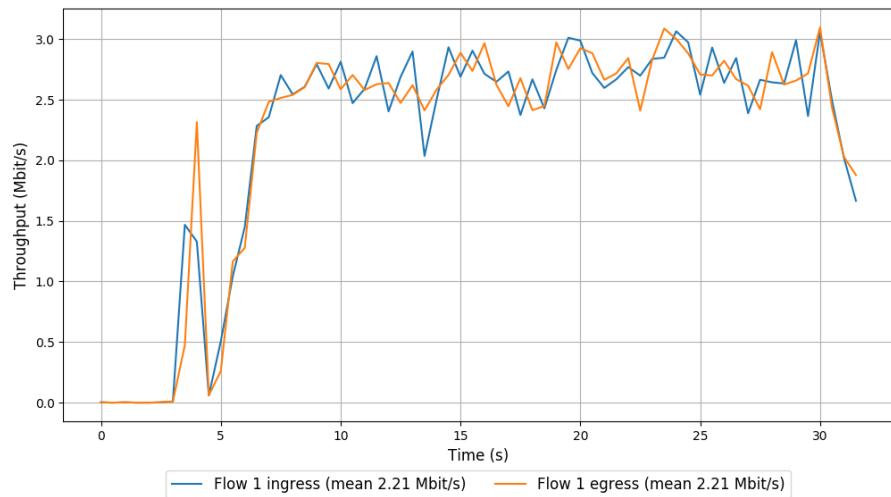


Run 4: Statistics of WebRTC media

```
Start at: Wed, 05 Jul 2017 08:13:32 +0000
End at: Wed, 05 Jul 2017 08:14:02 +0000
Local clock offset: 0.272 ms
Remote clock offset: -4.464 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:34:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.21 Mbit/s
95th percentile per-packet one-way delay: 62.424 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.21 Mbit/s
95th percentile per-packet one-way delay: 62.424 ms
Loss rate: 0.00%
```

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

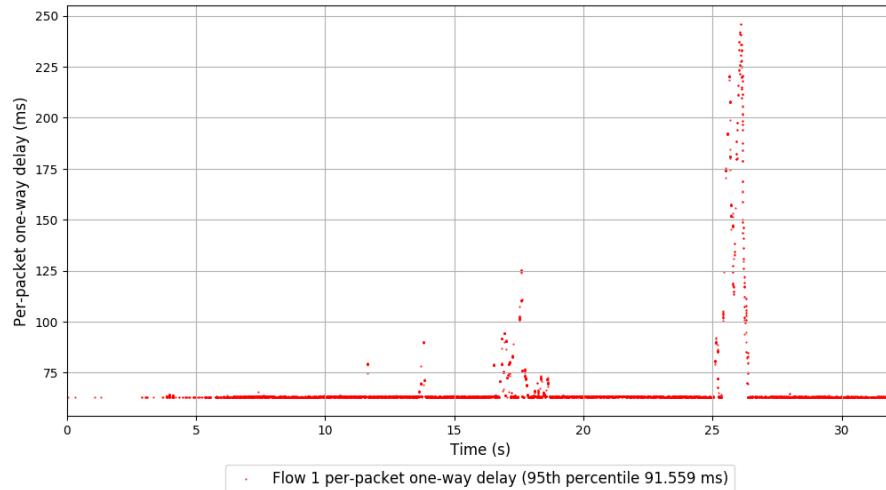
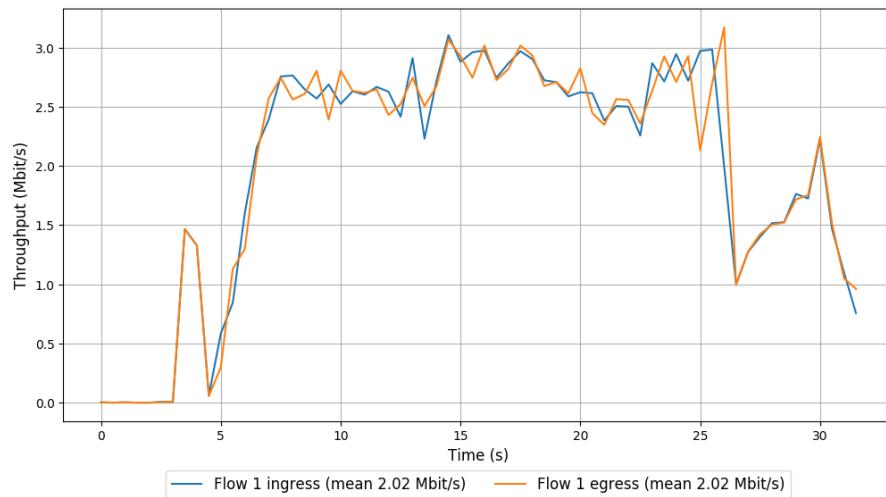


```
Run 5: Statistics of WebRTC media

Start at: Wed, 05 Jul 2017 08:31:03 +0000
End at: Wed, 05 Jul 2017 08:31:33 +0000
Local clock offset: 0.223 ms
Remote clock offset: -4.353 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:34:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.02 Mbit/s
95th percentile per-packet one-way delay: 91.559 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.02 Mbit/s
95th percentile per-packet one-way delay: 91.559 ms
Loss rate: 0.00%
```

Run 5: Report of WebRTC media — Data Link

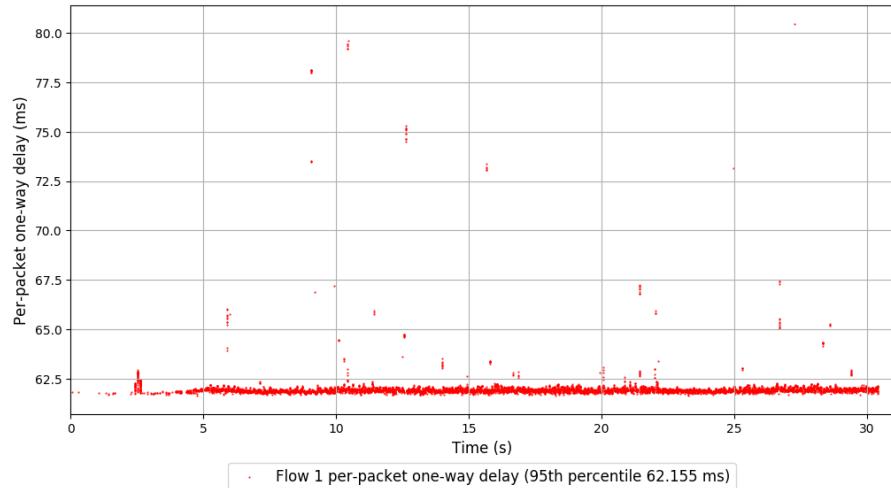
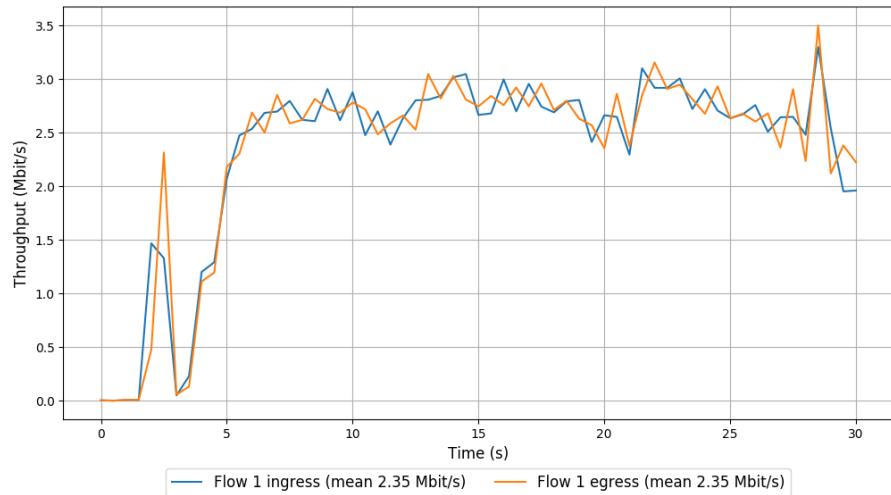


Run 6: Statistics of WebRTC media

```
Start at: Wed, 05 Jul 2017 08:48:32 +0000
End at: Wed, 05 Jul 2017 08:49:02 +0000
Local clock offset: 0.265 ms
Remote clock offset: -4.592 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:34:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 62.155 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 62.155 ms
Loss rate: 0.00%
```

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

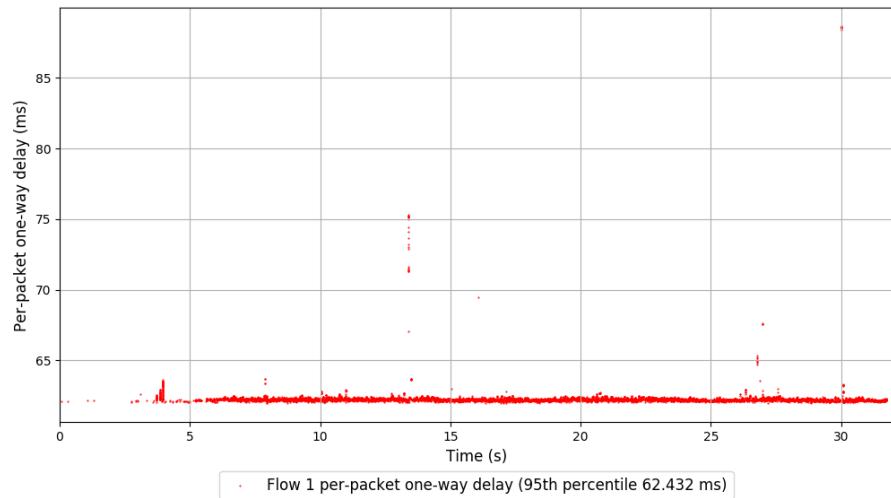
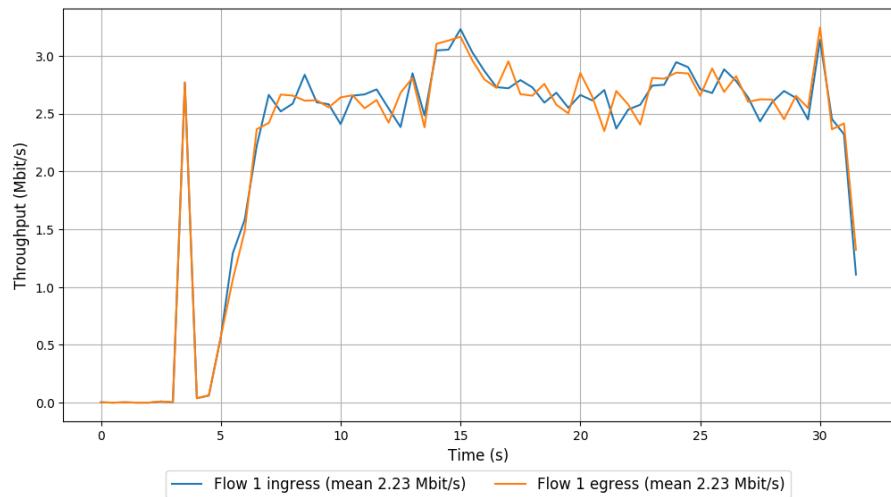


Run 7: Statistics of WebRTC media

```
Start at: Wed, 05 Jul 2017 09:06:00 +0000
End at: Wed, 05 Jul 2017 09:06:30 +0000
Local clock offset: 0.283 ms
Remote clock offset: -4.901 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:34:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.23 Mbit/s
95th percentile per-packet one-way delay: 62.432 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.23 Mbit/s
95th percentile per-packet one-way delay: 62.432 ms
Loss rate: 0.00%
```

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

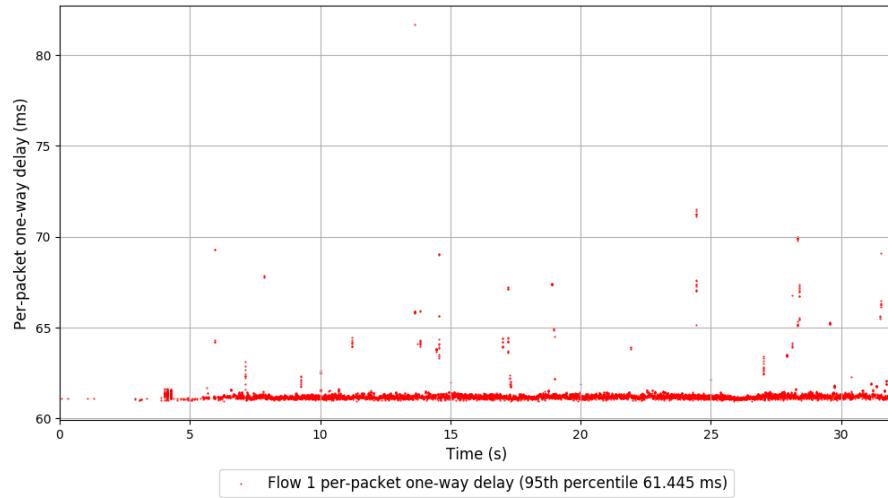
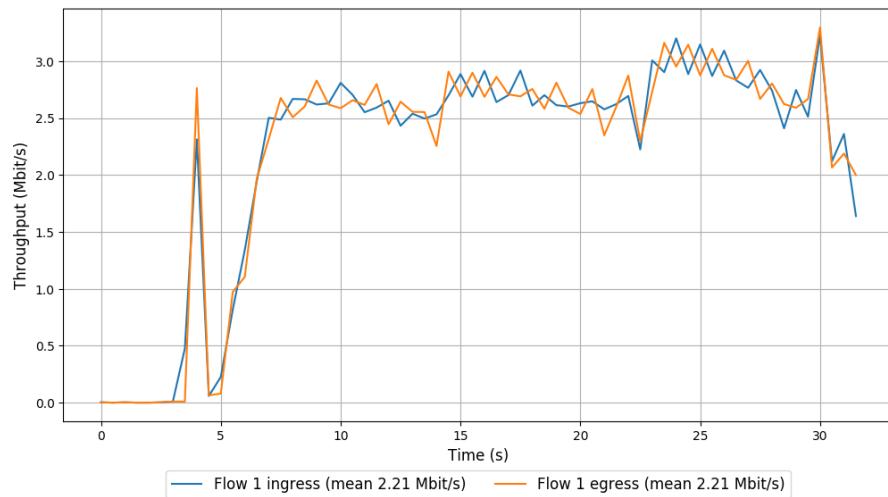


Run 8: Statistics of WebRTC media

```
Start at: Wed, 05 Jul 2017 09:23:32 +0000
End at: Wed, 05 Jul 2017 09:24:02 +0000
Local clock offset: 0.327 ms
Remote clock offset: -4.273 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:34:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.21 Mbit/s
95th percentile per-packet one-way delay: 61.445 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.21 Mbit/s
95th percentile per-packet one-way delay: 61.445 ms
Loss rate: 0.00%
```

Run 8: Report of WebRTC media — Data Link

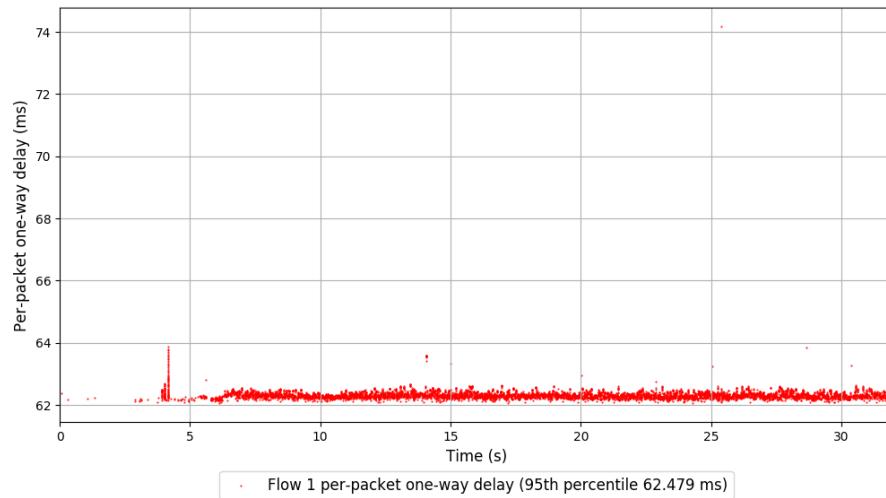
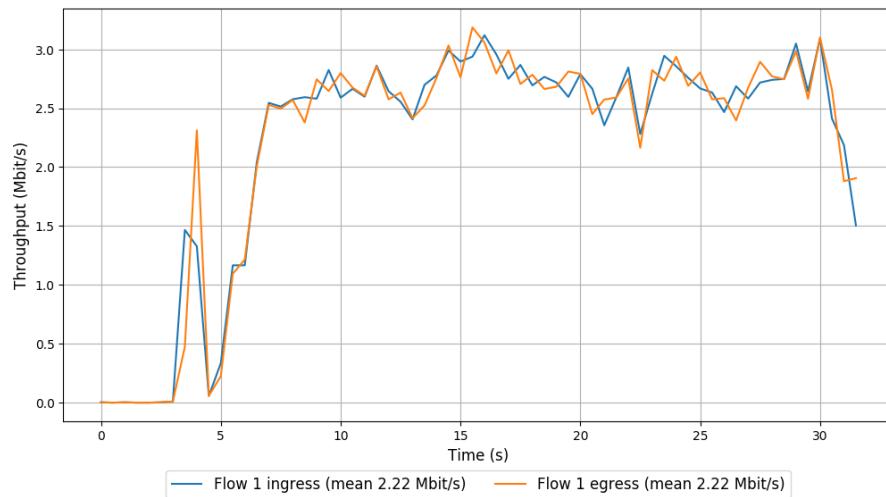


Run 9: Statistics of WebRTC media

```
Start at: Wed, 05 Jul 2017 09:41:02 +0000
End at: Wed, 05 Jul 2017 09:41:32 +0000
Local clock offset: 0.311 ms
Remote clock offset: -4.066 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:34:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.22 Mbit/s
95th percentile per-packet one-way delay: 62.479 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.22 Mbit/s
95th percentile per-packet one-way delay: 62.479 ms
Loss rate: 0.00%
```

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



Run 10: Statistics of WebRTC media

```
Start at: Wed, 05 Jul 2017 09:58:35 +0000
End at: Wed, 05 Jul 2017 09:59:05 +0000
Local clock offset: 0.337 ms
Remote clock offset: -3.507 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:34:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 61.721 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 61.721 ms
Loss rate: 0.00%
```

Run 10: Report of WebRTC media — Data Link

