

**Pantheon Summary** (Generated at Tue, 20 Jun 2017 06:16:05 +0000 with  
pantheon version f1f579919e2382b18c1fb18b676e821e7efc0b62)

Repeated the test of 15 congestion control schemes 10 times.

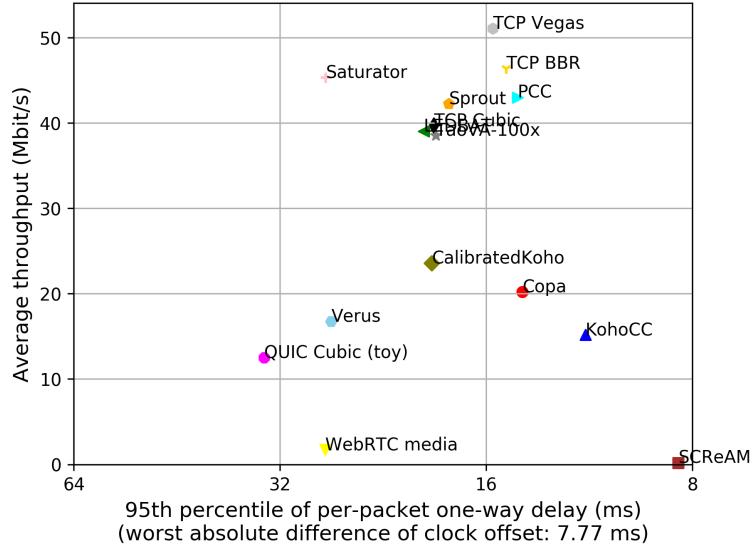
Each test lasted for 30 seconds running 1 flow.

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

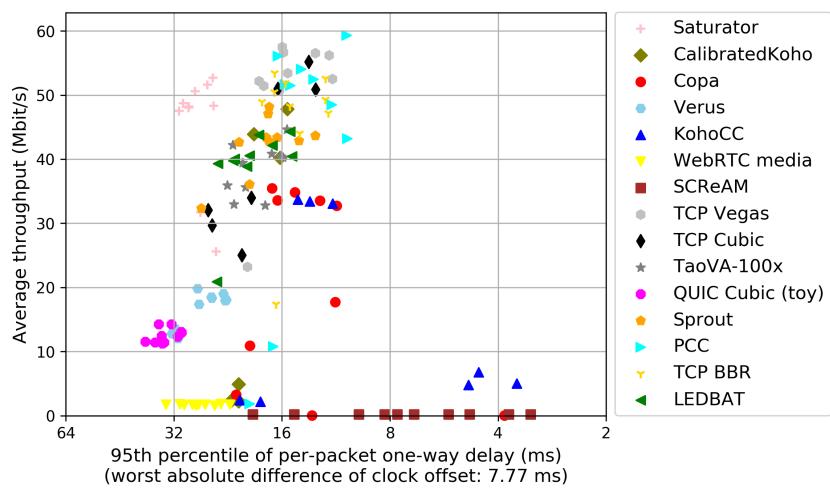
NTP offset measured against gps.ntp.br.

```
git branch: master @ f1f579919e2382b18c1fb18b676e821e7efc0b62
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
M datagrump/sender.cc
third_party/genericCC @ dae96123232f1bcb37725348fa2378691ce26725
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-stimuli @ fc73a85ca16c34366d1888dc8a0d0d88d4ebf2a7
third_party/pantheon-tunnel @ 4893799ab83a43fa2d3236507d168f461e1243ed
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
M receiver/src/buffer.h
M receiver/src/core.cpp
M sender/src/buffer.h
M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaeeb30b267cde681
third_party/sprout @ 6f2efef6e088d91066a9f023df375eee2665089ce
M src/examples/cellsim.cc
M src/examples/sproutbt2.cc
M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
M src/verus.hpp
M tools/plot.py
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

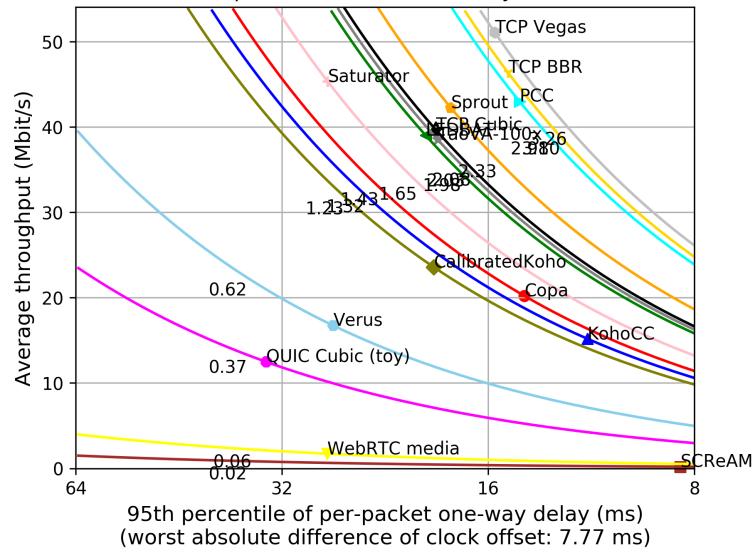
test from Brazil Ethernet to AWS Brazil 1 Ethernet, 10 runs of 30s each per scheme  
mean of all runs by scheme



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



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

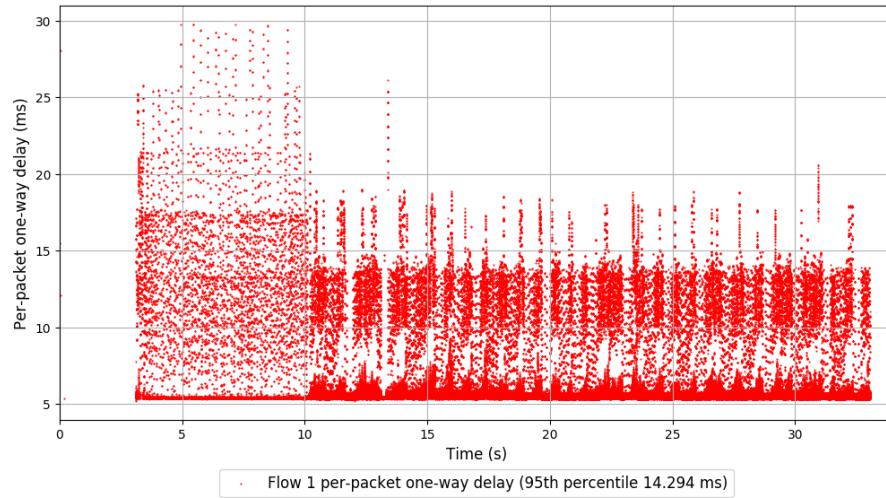
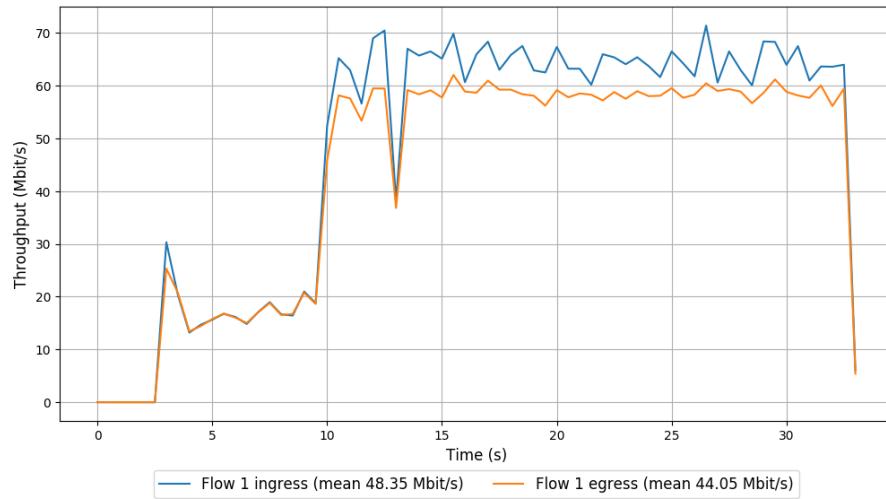


Run 1: Statistics of TCP BBR

```
Start at: Tue, 20 Jun 2017 00:02:48 +0000
End at: Tue, 20 Jun 2017 00:03:18 +0000
Local clock offset: -1.855 ms
Remote clock offset: 1.295 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:49:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 44.05 Mbit/s
95th percentile per-packet one-way delay: 14.294 ms
Loss rate: 8.96%
-- Flow 1:
Average throughput: 44.05 Mbit/s
95th percentile per-packet one-way delay: 14.294 ms
Loss rate: 8.96%
```

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

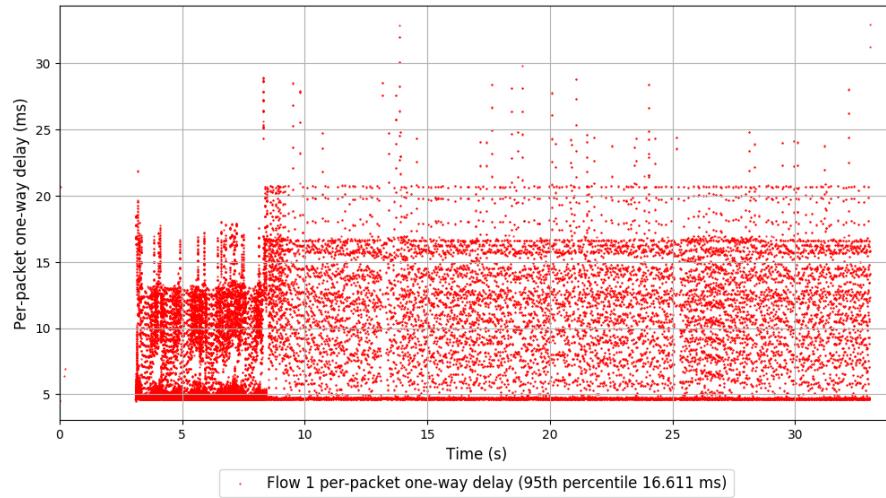
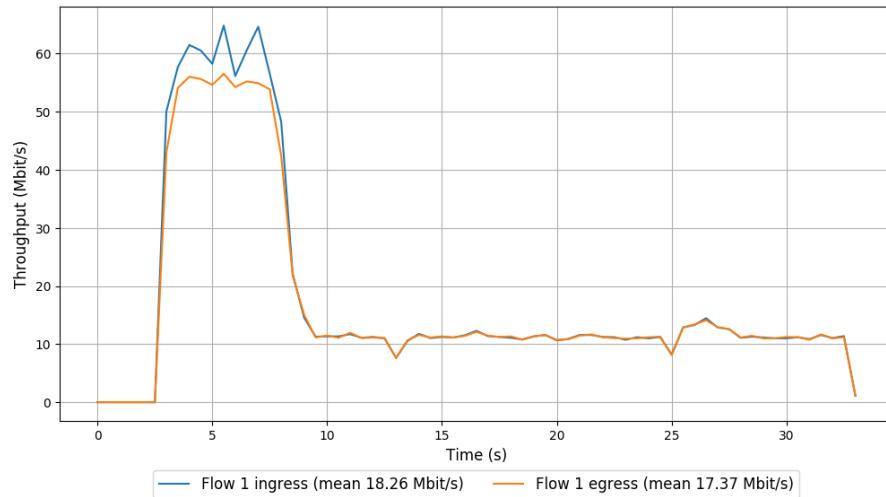


Run 2: Statistics of TCP BBR

```
Start at: Tue, 20 Jun 2017 00:21:46 +0000
End at: Tue, 20 Jun 2017 00:22:16 +0000
Local clock offset: -0.849 ms
Remote clock offset: 1.679 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:49:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.37 Mbit/s
95th percentile per-packet one-way delay: 16.611 ms
Loss rate: 4.84%
-- Flow 1:
Average throughput: 17.37 Mbit/s
95th percentile per-packet one-way delay: 16.611 ms
Loss rate: 4.84%
```

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

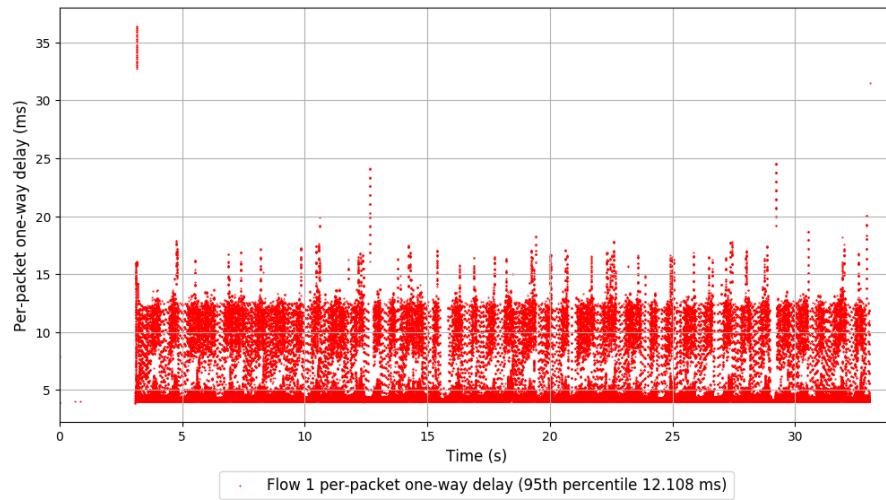
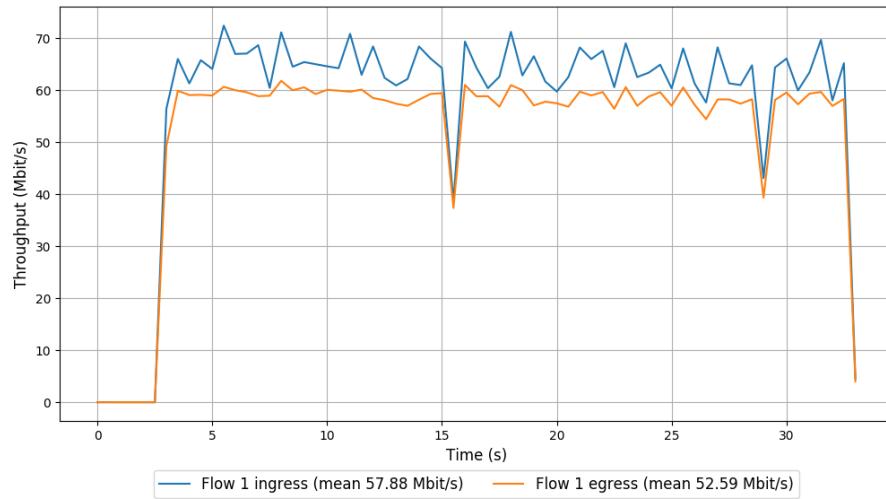


Run 3: Statistics of TCP BBR

```
Start at: Tue, 20 Jun 2017 00:39:49 +0000
End at: Tue, 20 Jun 2017 00:40:19 +0000
Local clock offset: -0.111 ms
Remote clock offset: 1.779 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:49:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 52.59 Mbit/s
95th percentile per-packet one-way delay: 12.108 ms
Loss rate: 9.09%
-- Flow 1:
Average throughput: 52.59 Mbit/s
95th percentile per-packet one-way delay: 12.108 ms
Loss rate: 9.09%
```

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

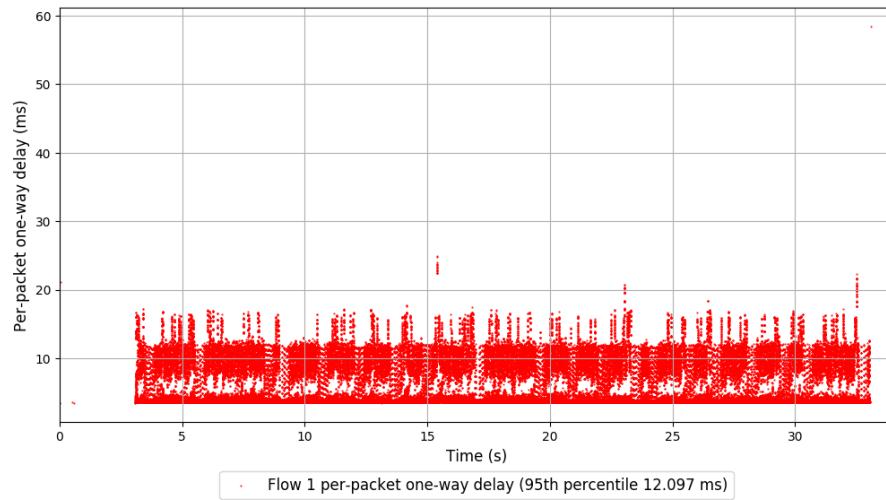
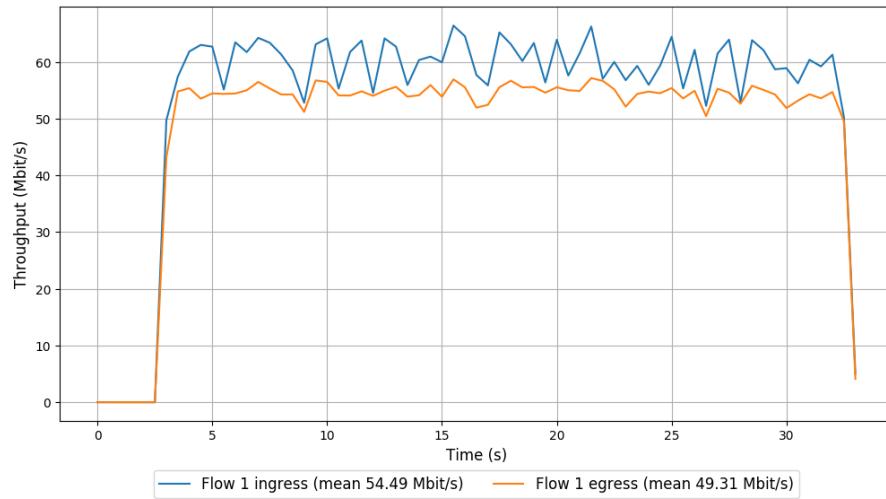


Run 4: Statistics of TCP BBR

```
Start at: Tue, 20 Jun 2017 00:58:18 +0000
End at: Tue, 20 Jun 2017 00:58:48 +0000
Local clock offset: 0.313 ms
Remote clock offset: 1.861 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:49:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 49.31 Mbit/s
95th percentile per-packet one-way delay: 12.097 ms
Loss rate: 9.37%
-- Flow 1:
Average throughput: 49.31 Mbit/s
95th percentile per-packet one-way delay: 12.097 ms
Loss rate: 9.37%
```

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

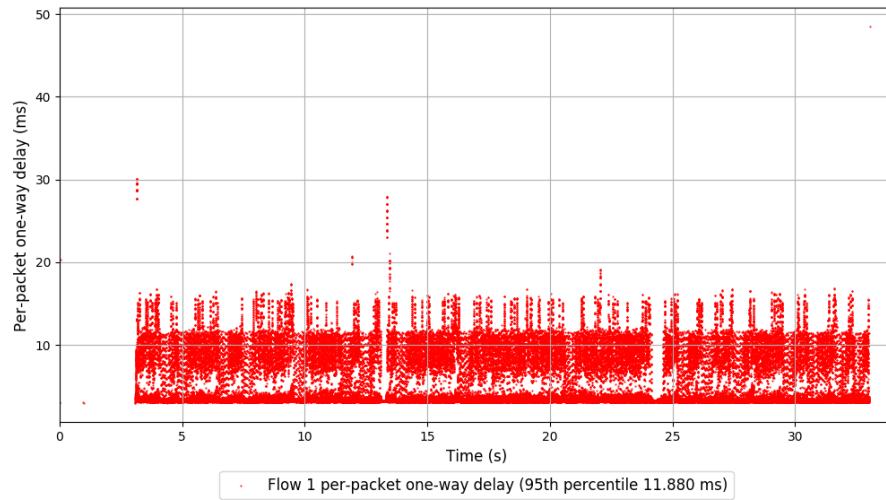
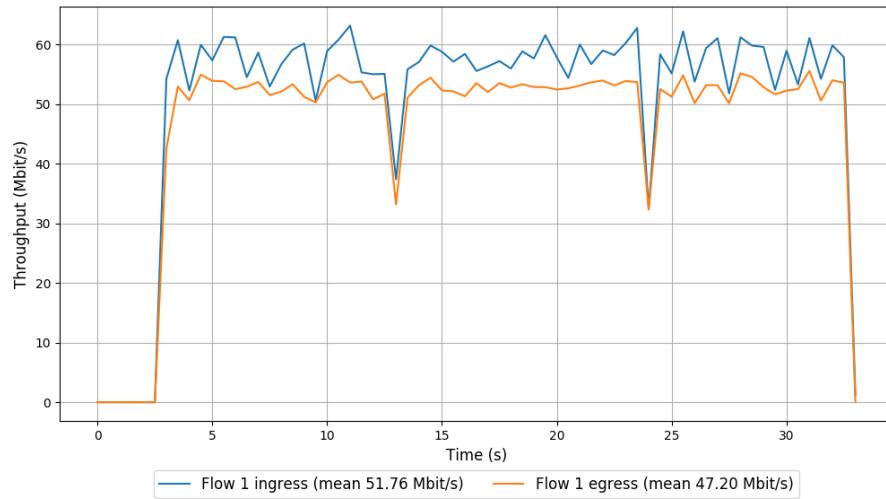


Run 5: Statistics of TCP BBR

```
Start at: Tue, 20 Jun 2017 01:16:42 +0000
End at: Tue, 20 Jun 2017 01:17:12 +0000
Local clock offset: 0.8 ms
Remote clock offset: 1.752 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:50:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 47.20 Mbit/s
95th percentile per-packet one-way delay: 11.880 ms
Loss rate: 8.72%
-- Flow 1:
Average throughput: 47.20 Mbit/s
95th percentile per-packet one-way delay: 11.880 ms
Loss rate: 8.72%
```

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

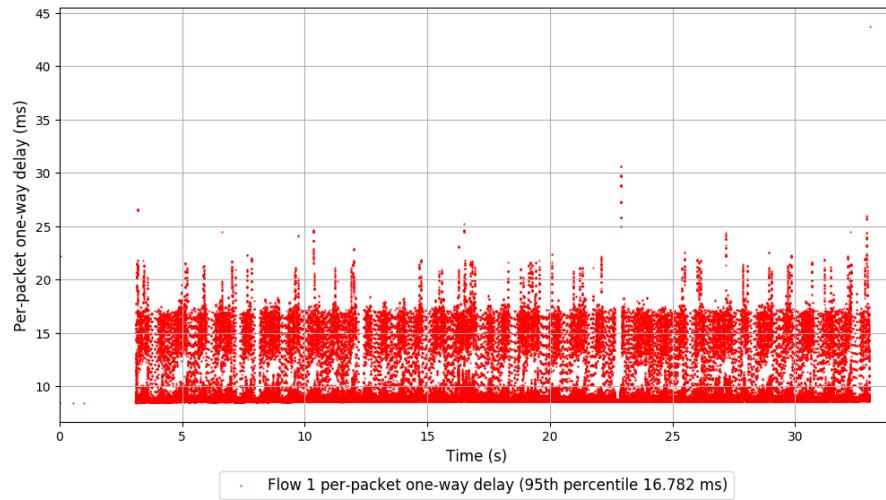
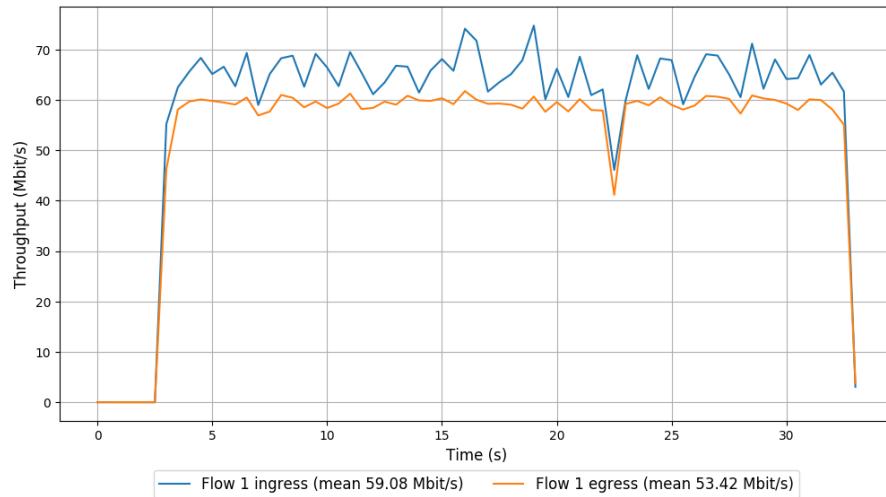


Run 6: Statistics of TCP BBR

```
Start at: Tue, 20 Jun 2017 01:34:51 +0000
End at: Tue, 20 Jun 2017 01:35:21 +0000
Local clock offset: -4.789 ms
Remote clock offset: 1.62 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:50:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.42 Mbit/s
95th percentile per-packet one-way delay: 16.782 ms
Loss rate: 9.50%
-- Flow 1:
Average throughput: 53.42 Mbit/s
95th percentile per-packet one-way delay: 16.782 ms
Loss rate: 9.50%
```

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

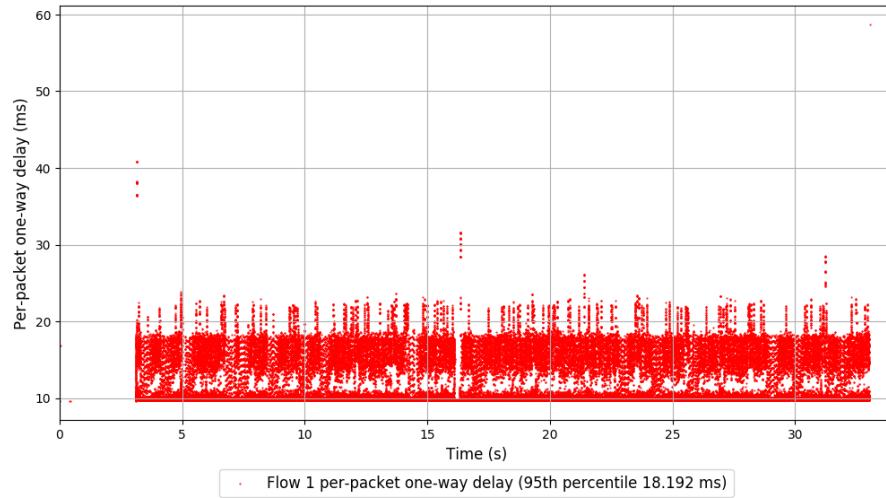
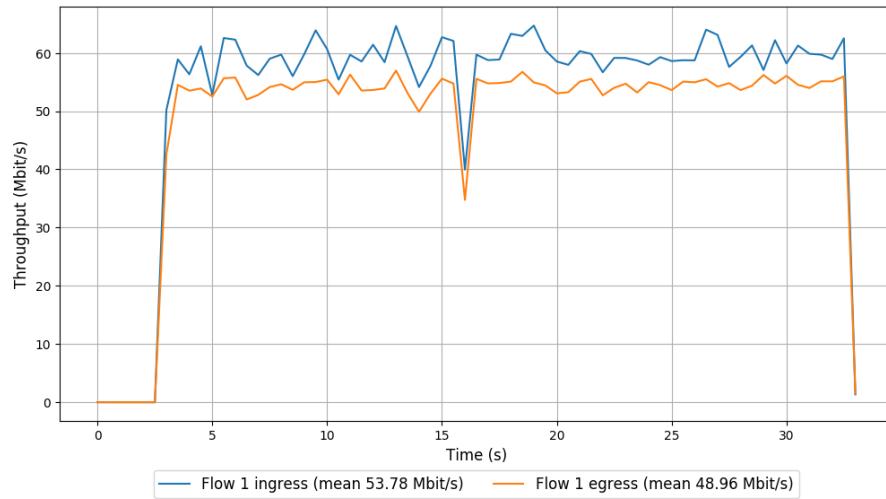


Run 7: Statistics of TCP BBR

```
Start at: Tue, 20 Jun 2017 01:53:20 +0000
End at: Tue, 20 Jun 2017 01:53:50 +0000
Local clock offset: -6.333 ms
Remote clock offset: 1.191 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:50:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 48.96 Mbit/s
95th percentile per-packet one-way delay: 18.192 ms
Loss rate: 8.84%
-- Flow 1:
Average throughput: 48.96 Mbit/s
95th percentile per-packet one-way delay: 18.192 ms
Loss rate: 8.84%
```

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

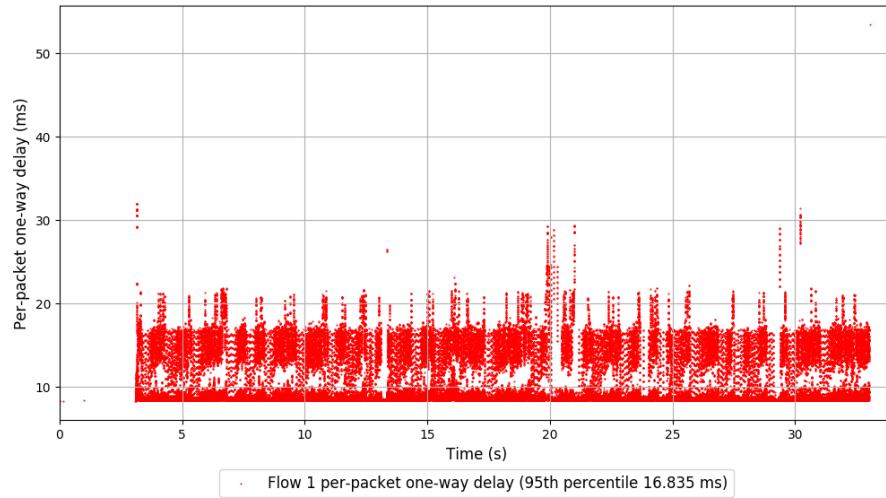
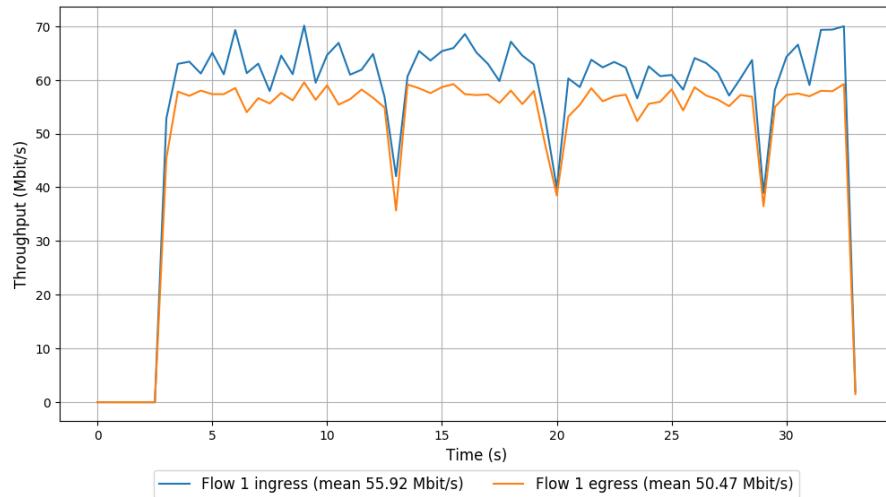


Run 8: Statistics of TCP BBR

```
Start at: Tue, 20 Jun 2017 02:11:50 +0000
End at: Tue, 20 Jun 2017 02:12:20 +0000
Local clock offset: -5.601 ms
Remote clock offset: 0.618 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:50:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.47 Mbit/s
95th percentile per-packet one-way delay: 16.835 ms
Loss rate: 9.65%
-- Flow 1:
Average throughput: 50.47 Mbit/s
95th percentile per-packet one-way delay: 16.835 ms
Loss rate: 9.65%
```

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

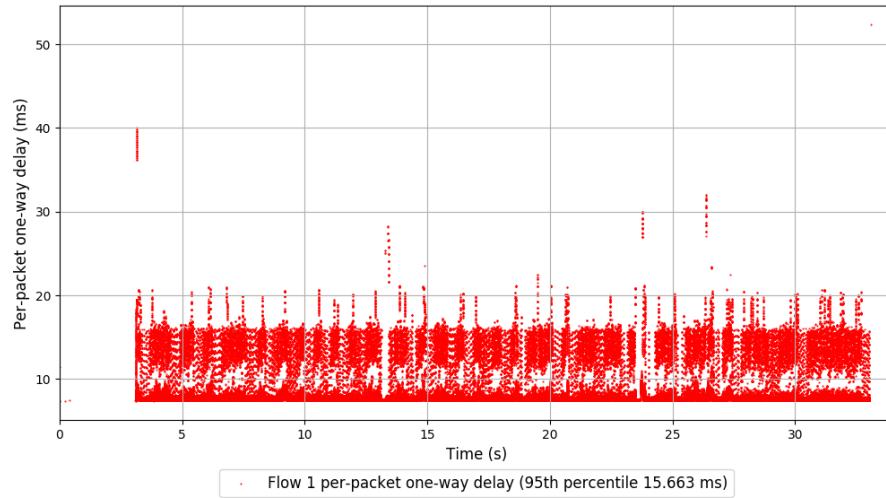
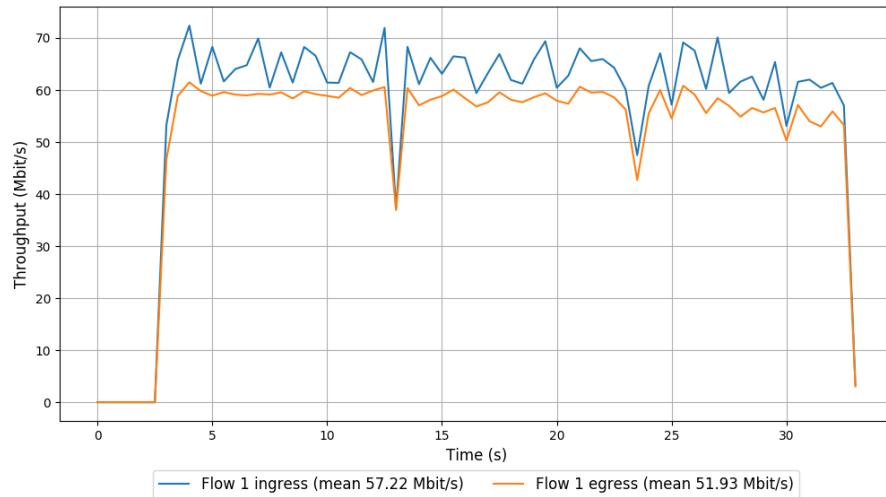


Run 9: Statistics of TCP BBR

```
Start at: Tue, 20 Jun 2017 02:30:21 +0000
End at: Tue, 20 Jun 2017 02:30:51 +0000
Local clock offset: -5.069 ms
Remote clock offset: 0.313 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:51:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 51.93 Mbit/s
95th percentile per-packet one-way delay: 15.663 ms
Loss rate: 9.15%
-- Flow 1:
Average throughput: 51.93 Mbit/s
95th percentile per-packet one-way delay: 15.663 ms
Loss rate: 9.15%
```

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

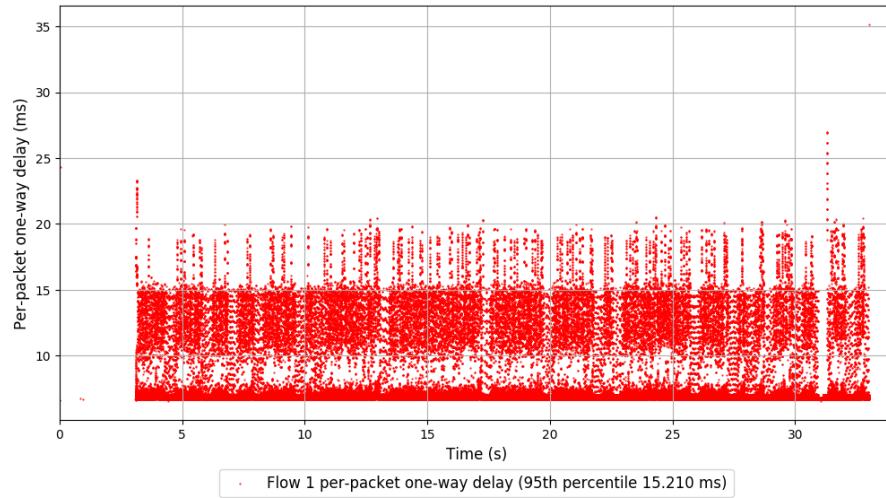
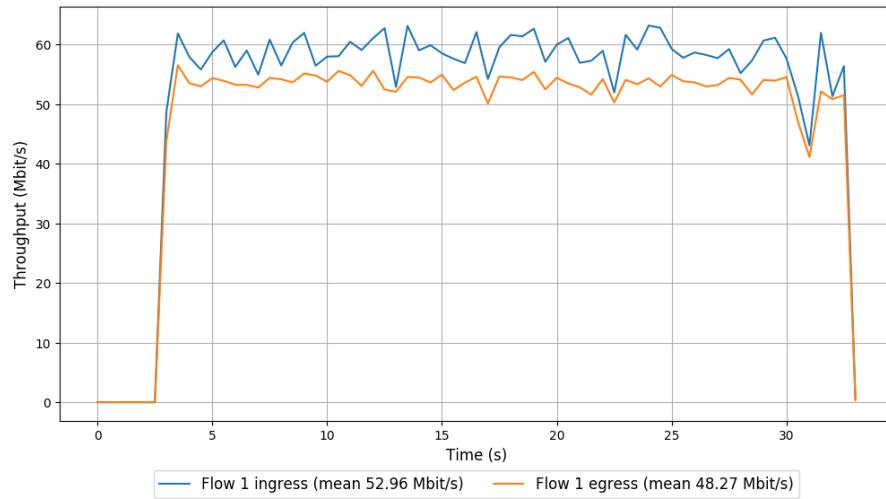


Run 10: Statistics of TCP BBR

```
Start at: Tue, 20 Jun 2017 02:49:12 +0000
End at: Tue, 20 Jun 2017 02:49:42 +0000
Local clock offset: -4.566 ms
Remote clock offset: 0.009 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:51:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 48.27 Mbit/s
95th percentile per-packet one-way delay: 15.210 ms
Loss rate: 8.80%
-- Flow 1:
Average throughput: 48.27 Mbit/s
95th percentile per-packet one-way delay: 15.210 ms
Loss rate: 8.80%
```

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

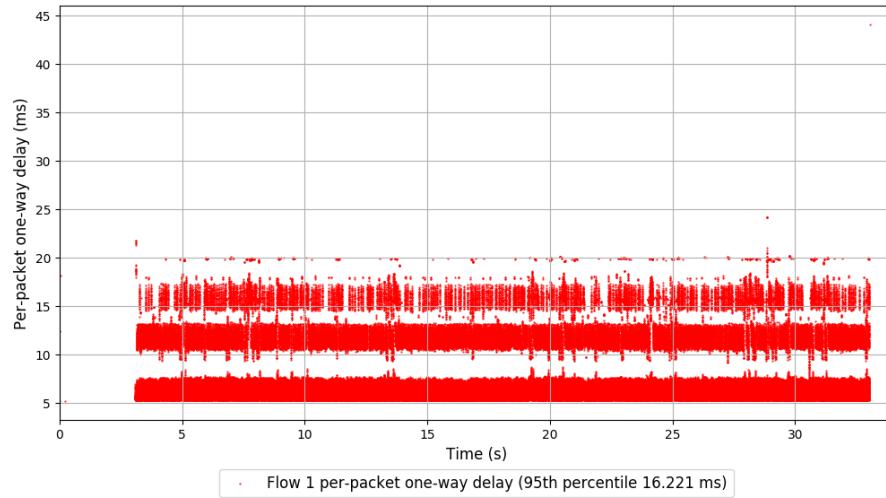
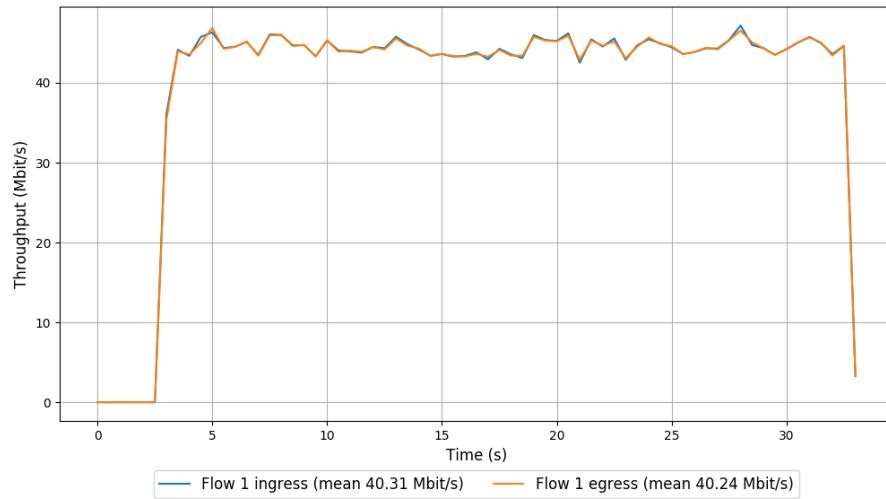


```
Run 1: Statistics of CalibratedKoho

Start at: Tue, 20 Jun 2017 00:07:41 +0000
End at: Tue, 20 Jun 2017 00:08:11 +0000
Local clock offset: -1.706 ms
Remote clock offset: 1.42 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:51:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 40.24 Mbit/s
95th percentile per-packet one-way delay: 16.221 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 40.24 Mbit/s
95th percentile per-packet one-way delay: 16.221 ms
Loss rate: 0.09%
```

## Run 1: Report of CalibratedKoho — Data Link

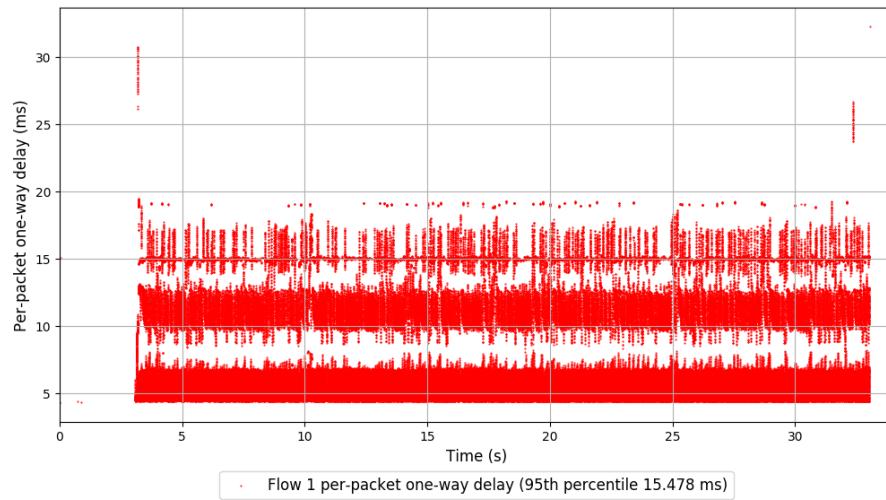
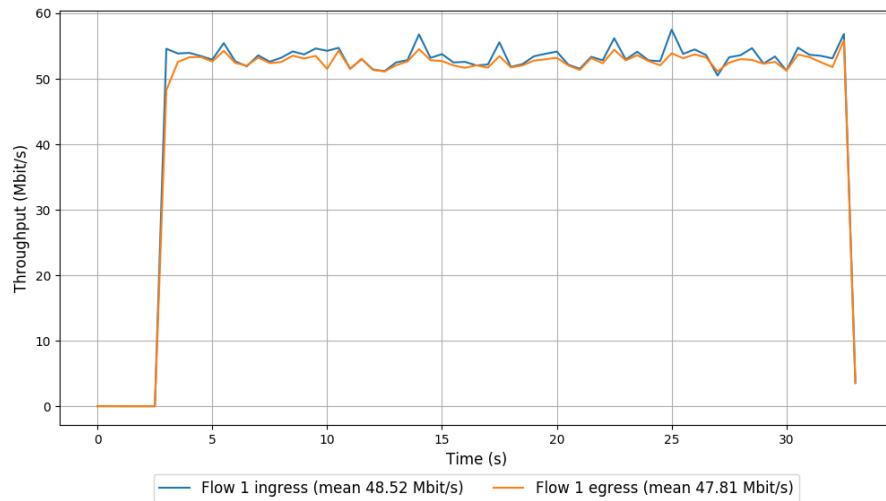


Run 2: Statistics of CalibratedKoho

```
Start at: Tue, 20 Jun 2017 00:26:24 +0000
End at: Tue, 20 Jun 2017 00:26:54 +0000
Local clock offset: -0.625 ms
Remote clock offset: 1.705 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:51:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 47.81 Mbit/s
95th percentile per-packet one-way delay: 15.478 ms
Loss rate: 1.42%
-- Flow 1:
Average throughput: 47.81 Mbit/s
95th percentile per-packet one-way delay: 15.478 ms
Loss rate: 1.42%
```

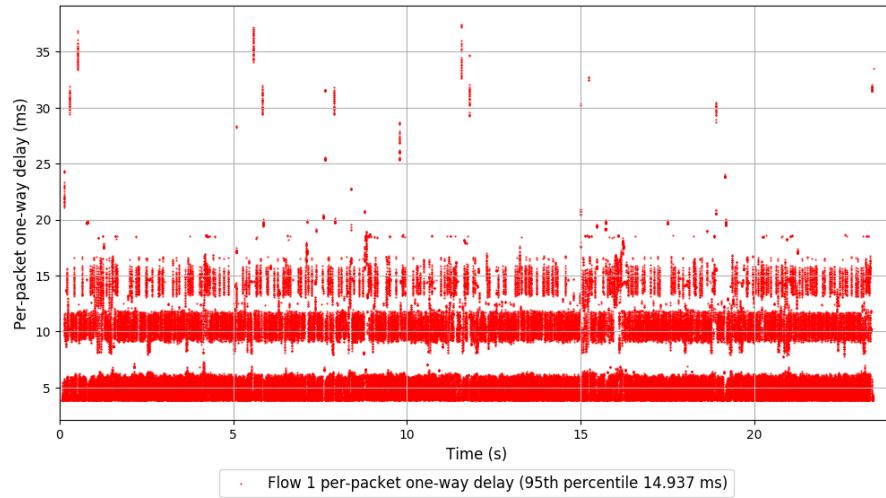
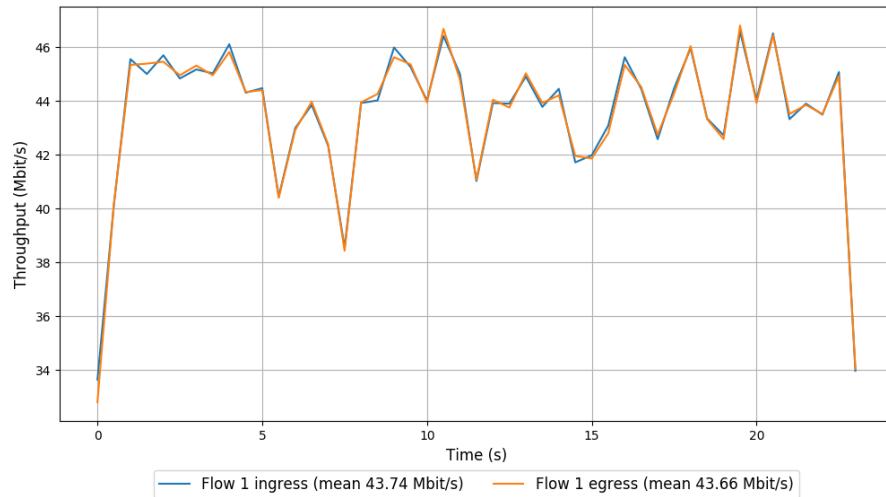
## Run 2: Report of CalibratedKoho — Data Link



Run 3: Statistics of CalibratedKoho

Start at: Tue, 20 Jun 2017 00:44:44 +0000  
End at: Tue, 20 Jun 2017 00:45:14 +0000  
Local clock offset: -0.007 ms  
Remote clock offset: 1.726 ms

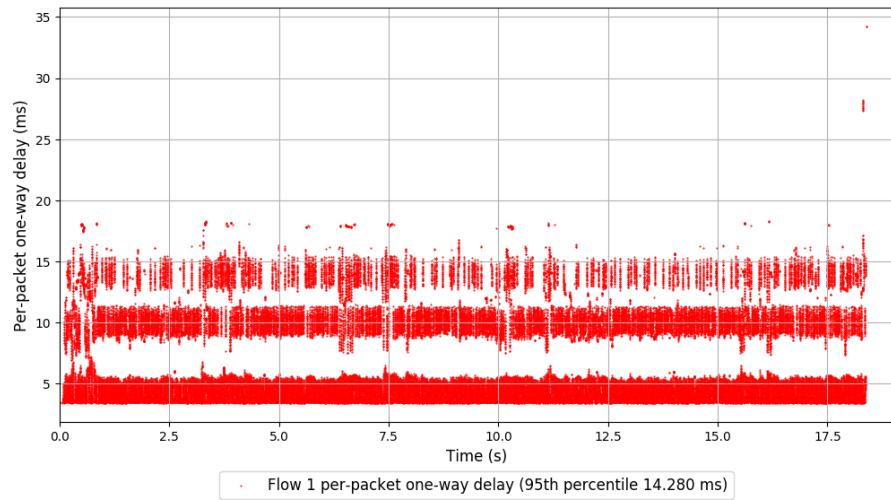
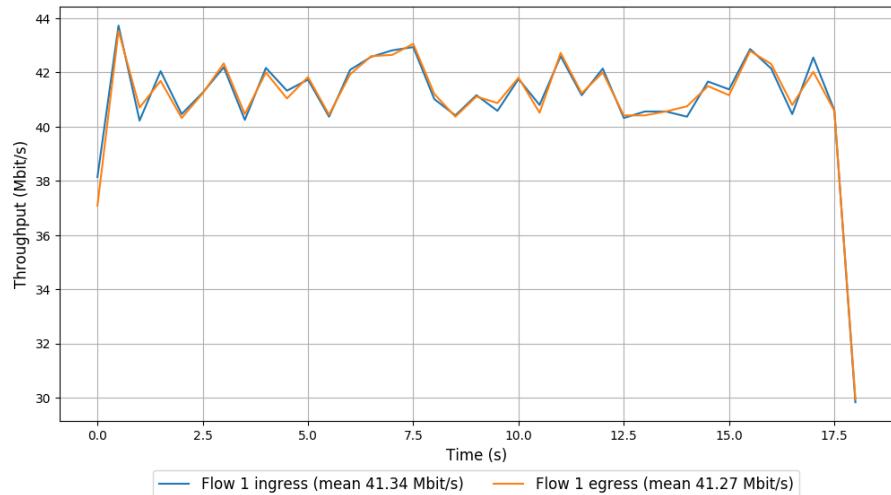
### Run 3: Report of CalibratedKoho — Data Link



Run 4: Statistics of CalibratedKoho

Start at: Tue, 20 Jun 2017 01:03:09 +0000  
End at: Tue, 20 Jun 2017 01:03:39 +0000  
Local clock offset: 0.566 ms  
Remote clock offset: 1.847 ms

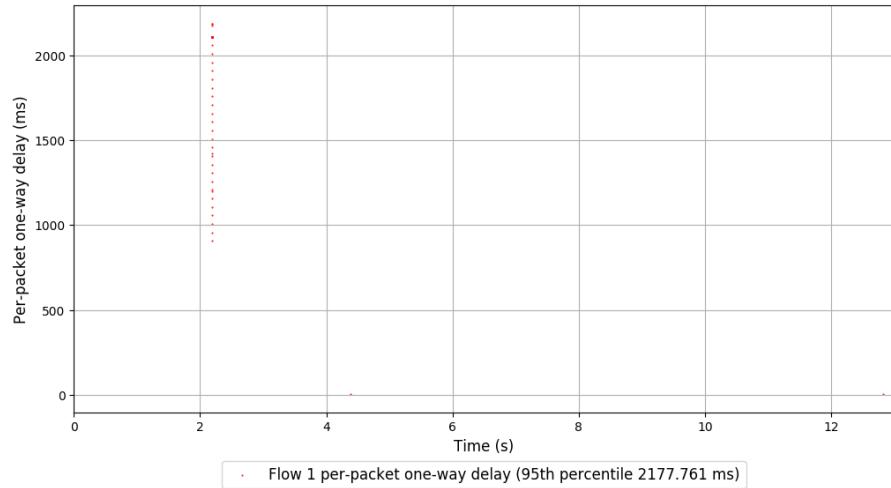
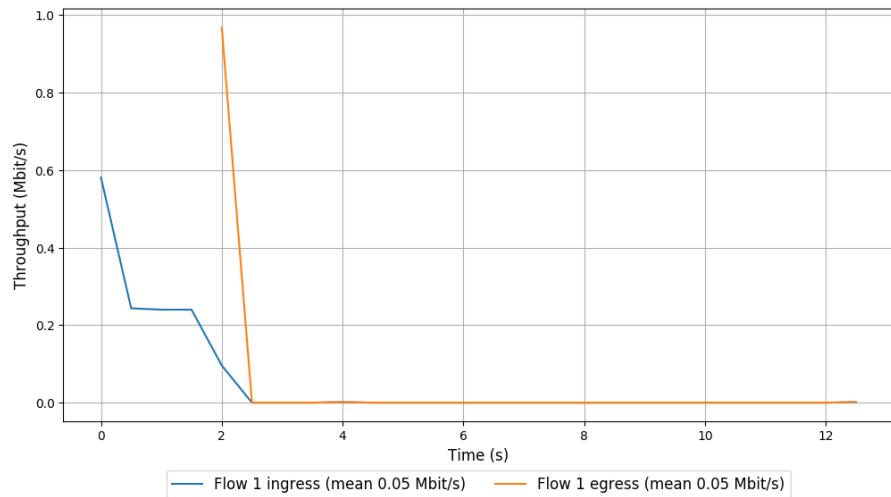
## Run 4: Report of CalibratedKoho — Data Link



Run 5: Statistics of CalibratedKoho

Start at: Tue, 20 Jun 2017 01:21:32 +0000  
End at: Tue, 20 Jun 2017 01:22:02 +0000  
Local clock offset: 0.432 ms  
Remote clock offset: 1.763 ms

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

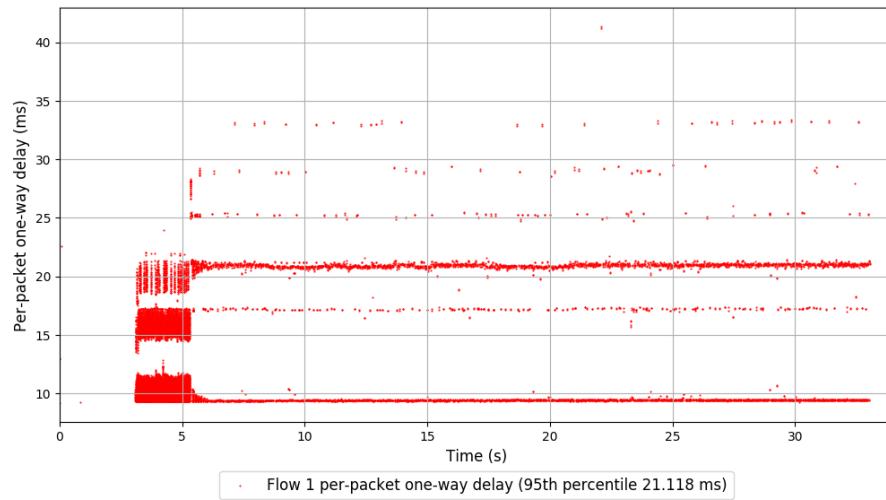
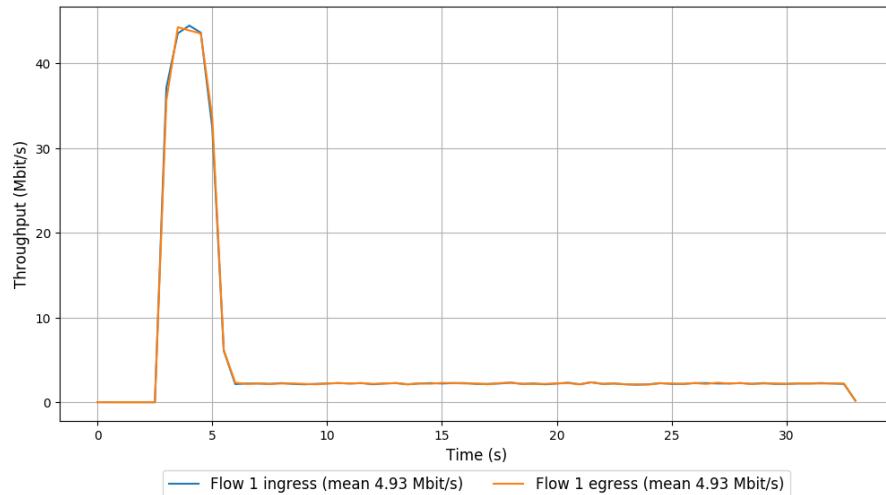


Run 6: Statistics of CalibratedKoho

```
Start at: Tue, 20 Jun 2017 01:39:39 +0000
End at: Tue, 20 Jun 2017 01:40:09 +0000
Local clock offset: -5.575 ms
Remote clock offset: 1.564 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:52:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.93 Mbit/s
95th percentile per-packet one-way delay: 21.118 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 4.93 Mbit/s
95th percentile per-packet one-way delay: 21.118 ms
Loss rate: 0.01%
```

## Run 6: Report of CalibratedKoho — Data Link



```
Run 7: Statistics of CalibratedKoho
```

```
Start at: Tue, 20 Jun 2017 01:58:07 +0000
```

```
End at: Tue, 20 Jun 2017 01:58:38 +0000
```

```
Local clock offset: -6.051 ms
```

```
Remote clock offset: 1.12 ms
```

```
# Below is generated by plot.py at Tue, 20 Jun 2017 05:52:11 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 2.23 Mbit/s
```

```
95th percentile per-packet one-way delay: 21.121 ms
```

```
Loss rate: 0.02%
```

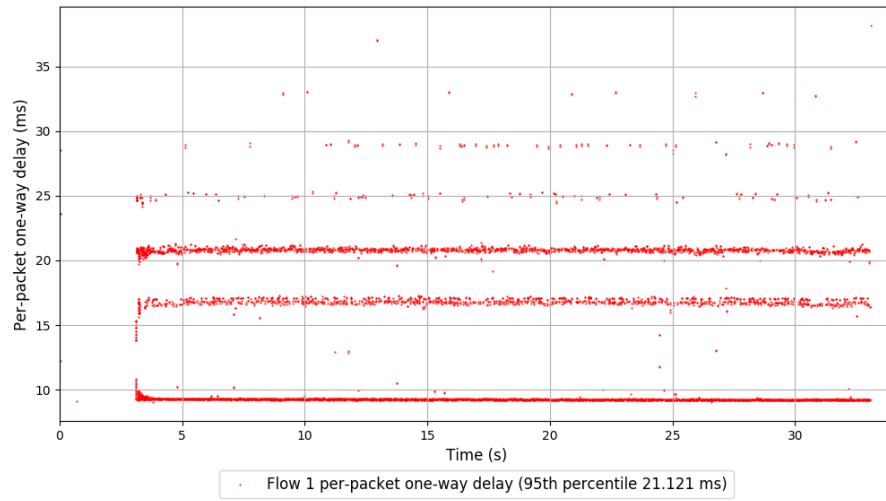
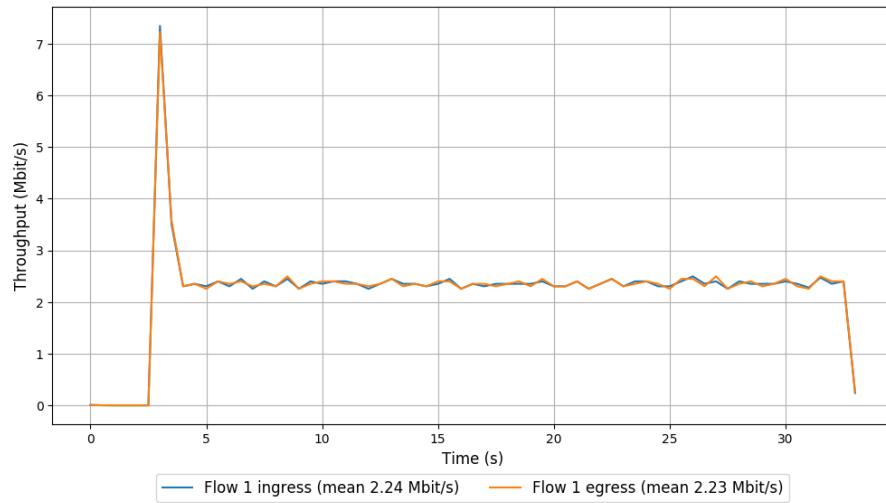
```
-- Flow 1:
```

```
Average throughput: 2.23 Mbit/s
```

```
95th percentile per-packet one-way delay: 21.121 ms
```

```
Loss rate: 0.02%
```

Run 7: Report of CalibratedKoho — Data Link



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

```
Start at: Tue, 20 Jun 2017 02:16:40 +0000
```

```
End at: Tue, 20 Jun 2017 02:17:10 +0000
```

```
Local clock offset: -5.777 ms
```

```
Remote clock offset: 0.469 ms
```

```
# Below is generated by plot.py at Tue, 20 Jun 2017 05:52:34 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 43.89 Mbit/s
```

```
95th percentile per-packet one-way delay: 19.183 ms
```

```
Loss rate: 0.05%
```

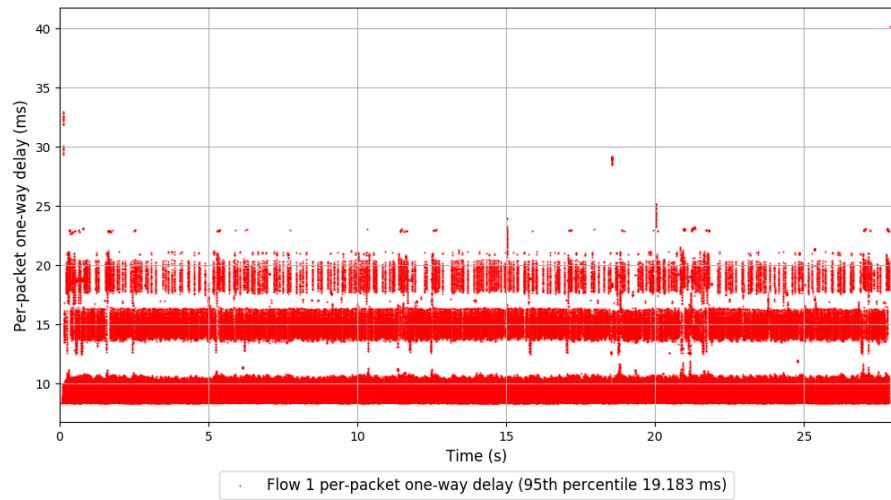
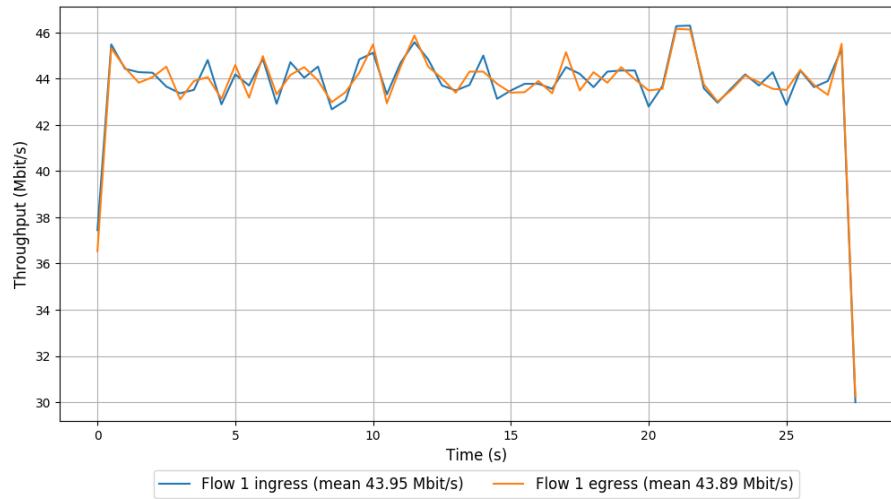
```
-- Flow 1:
```

```
Average throughput: 43.89 Mbit/s
```

```
95th percentile per-packet one-way delay: 19.183 ms
```

```
Loss rate: 0.05%
```

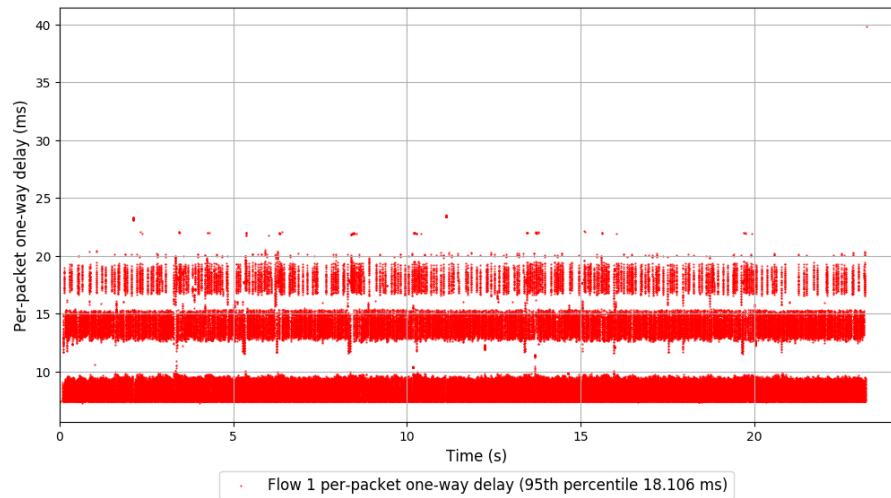
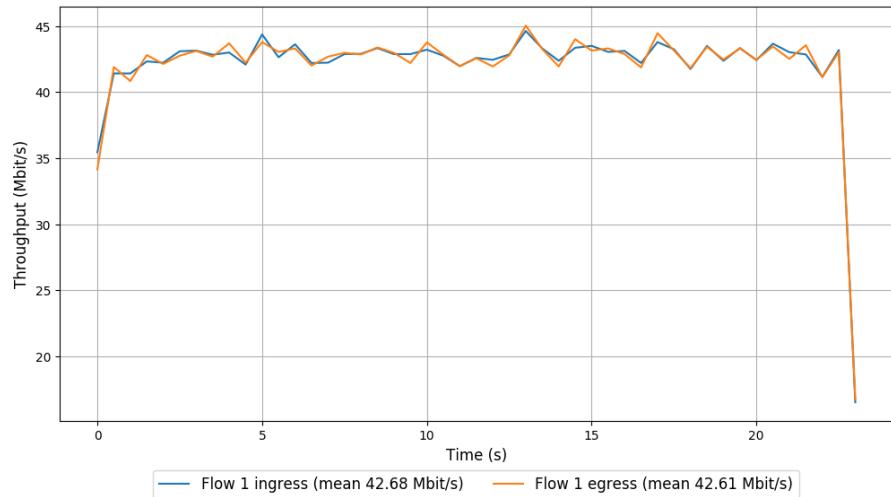
Run 8: Report of CalibratedKoho — Data Link



Run 9: Statistics of CalibratedKoho

Start at: Tue, 20 Jun 2017 02:35:17 +0000  
End at: Tue, 20 Jun 2017 02:35:47 +0000  
Local clock offset: -5.198 ms  
Remote clock offset: 0.202 ms

## Run 9: Report of CalibratedKoho — Data Link



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

```
Start at: Tue, 20 Jun 2017 02:54:02 +0000
```

```
End at: Tue, 20 Jun 2017 02:54:32 +0000
```

```
Local clock offset: -4.429 ms
```

```
Remote clock offset: -0.051 ms
```

```
# Below is generated by plot.py at Tue, 20 Jun 2017 05:52:37 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 2.34 Mbit/s
```

```
95th percentile per-packet one-way delay: 22.150 ms
```

```
Loss rate: 0.02%
```

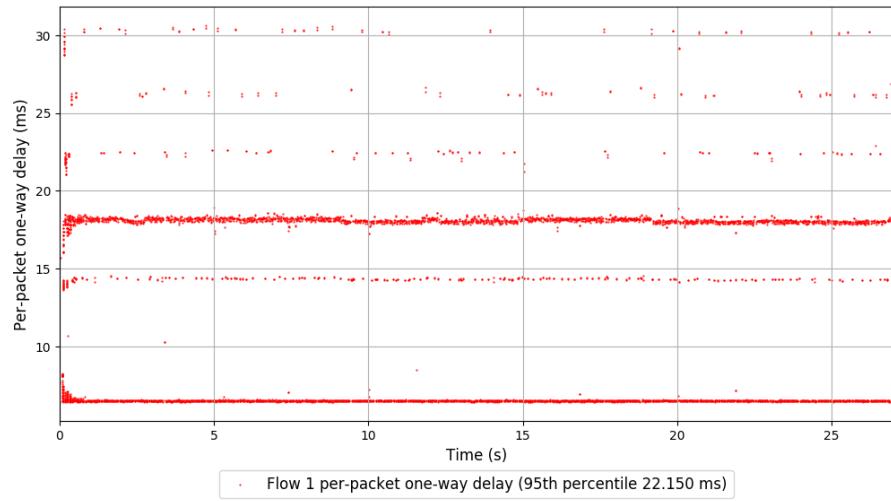
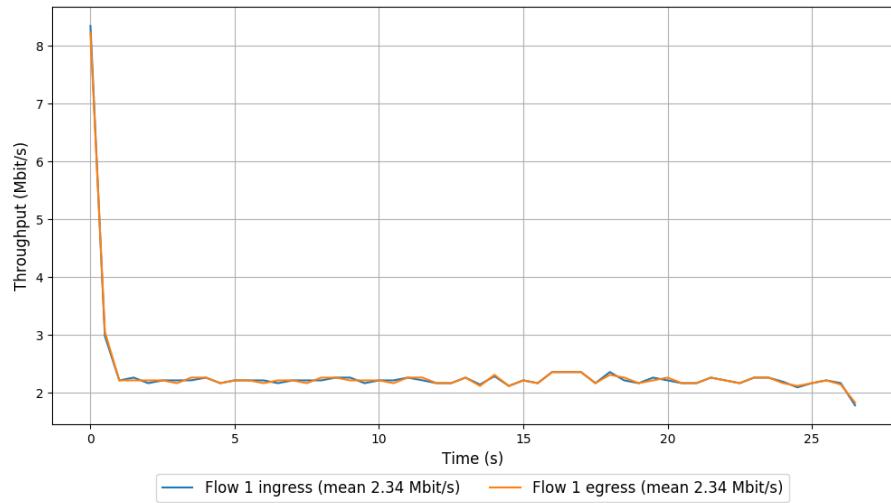
```
-- Flow 1:
```

```
Average throughput: 2.34 Mbit/s
```

```
95th percentile per-packet one-way delay: 22.150 ms
```

```
Loss rate: 0.02%
```

## Run 10: Report of CalibratedKoho — Data Link

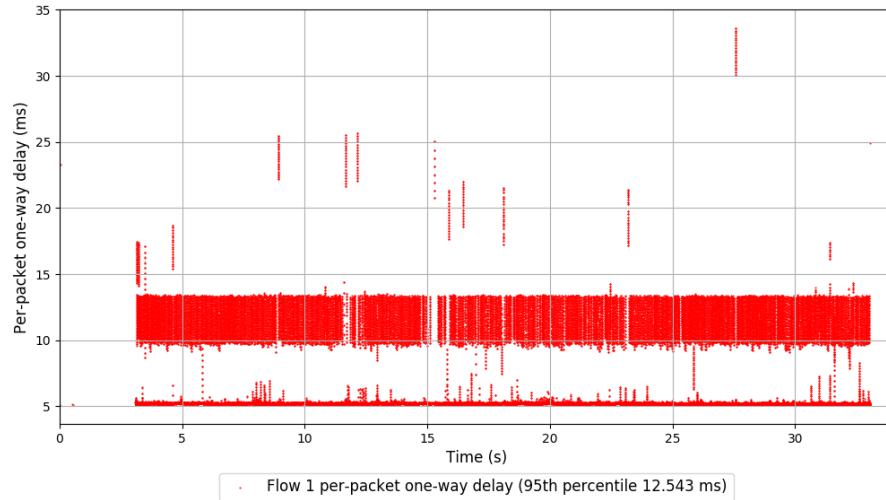
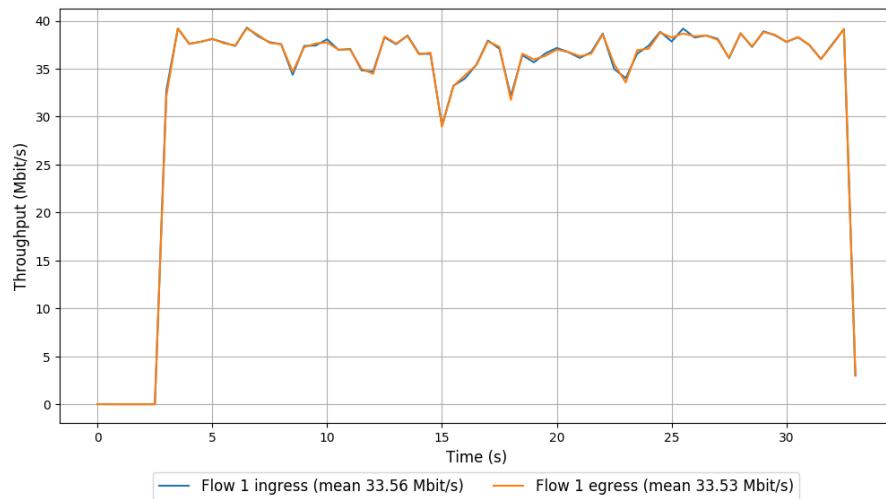


Run 1: Statistics of Copa

```
Start at: Tue, 20 Jun 2017 00:11:24 +0000
End at: Tue, 20 Jun 2017 00:11:54 +0000
Local clock offset: -1.556 ms
Remote clock offset: 1.472 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:53:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 33.53 Mbit/s
95th percentile per-packet one-way delay: 12.543 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 33.53 Mbit/s
95th percentile per-packet one-way delay: 12.543 ms
Loss rate: 0.02%
```

## Run 1: Report of Copa — Data Link

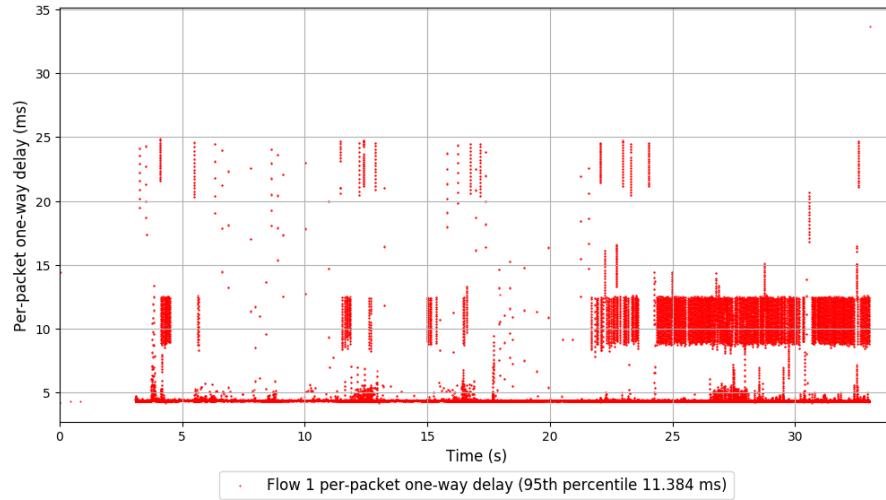
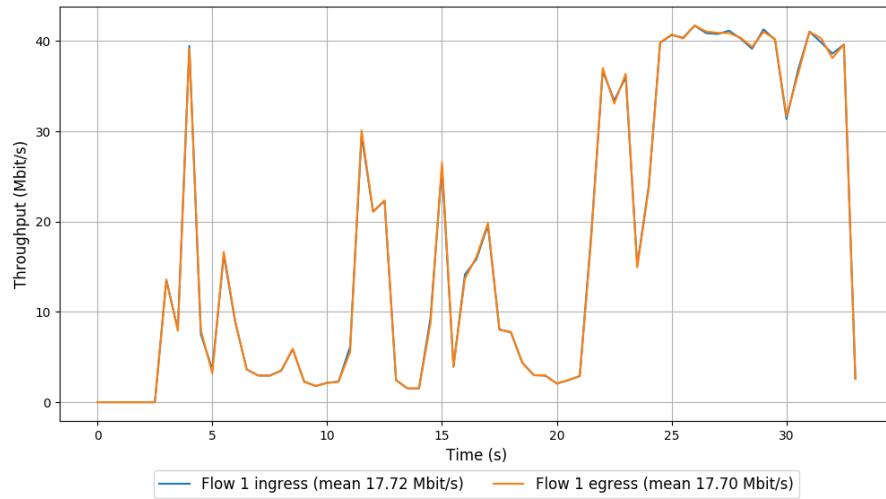


Run 2: Statistics of Copa

```
Start at: Tue, 20 Jun 2017 00:29:59 +0000
End at: Tue, 20 Jun 2017 00:30:29 +0000
Local clock offset: -0.476 ms
Remote clock offset: 1.678 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:53:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.70 Mbit/s
95th percentile per-packet one-way delay: 11.384 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 17.70 Mbit/s
95th percentile per-packet one-way delay: 11.384 ms
Loss rate: 0.04%
```

## Run 2: Report of Copa — Data Link

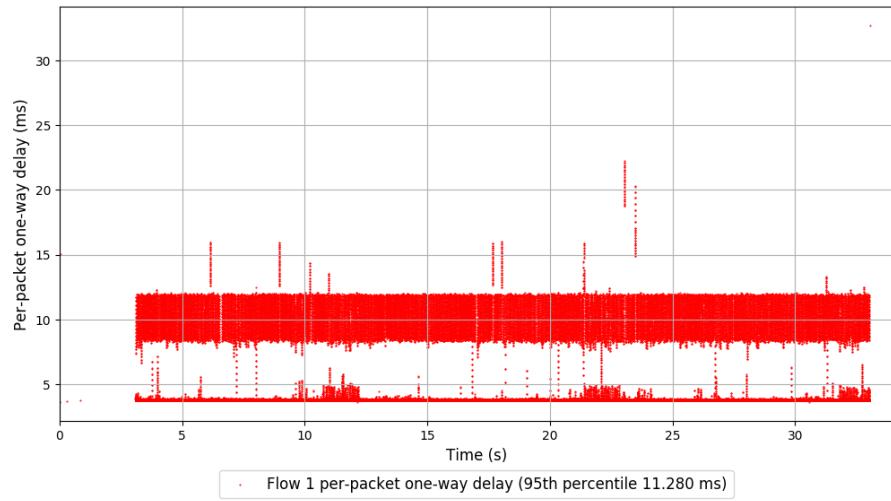
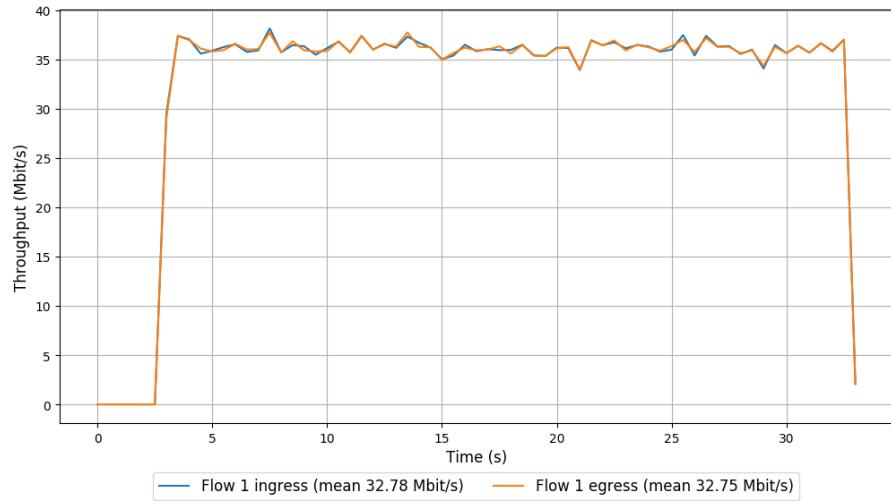


Run 3: Statistics of Copa

```
Start at: Tue, 20 Jun 2017 00:48:12 +0000
End at: Tue, 20 Jun 2017 00:48:43 +0000
Local clock offset: 0.097 ms
Remote clock offset: 1.818 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:53:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 32.75 Mbit/s
95th percentile per-packet one-way delay: 11.280 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 32.75 Mbit/s
95th percentile per-packet one-way delay: 11.280 ms
Loss rate: 0.02%
```

### Run 3: Report of Copa — Data Link

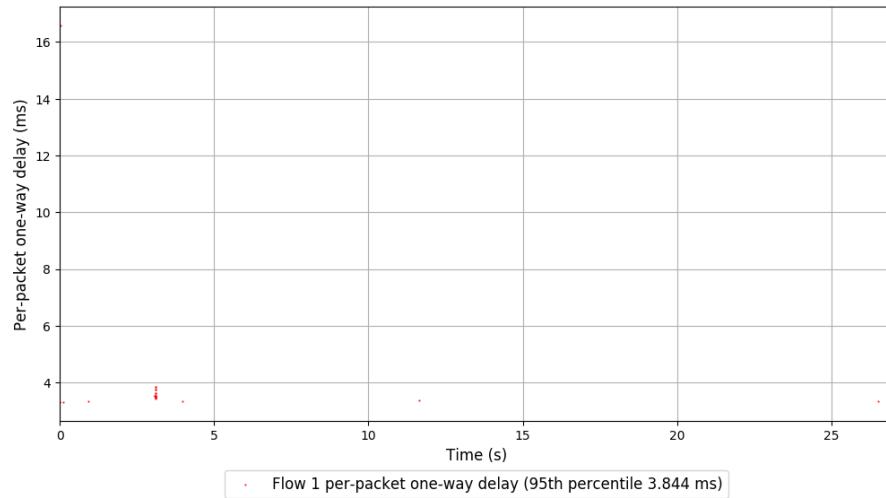
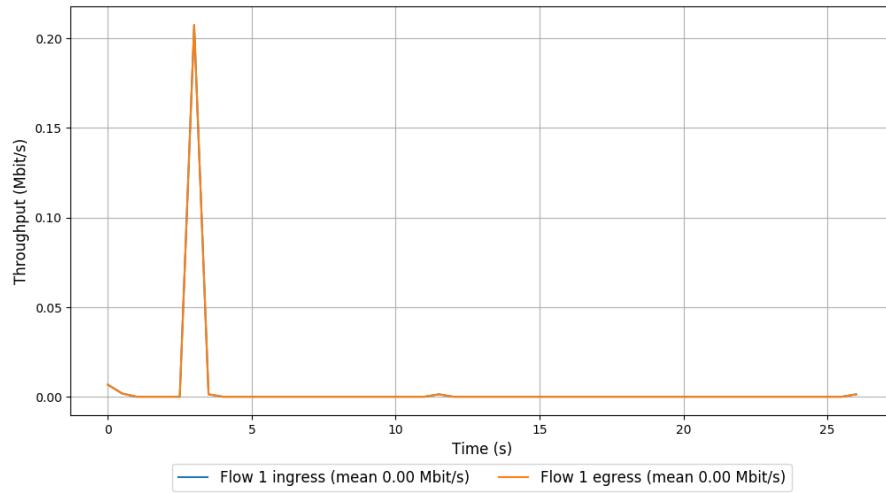


Run 4: Statistics of Copa

```
Start at: Tue, 20 Jun 2017 01:06:36 +0000
End at: Tue, 20 Jun 2017 01:07:06 +0000
Local clock offset: 0.544 ms
Remote clock offset: 1.908 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:53:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 3.844 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 3.844 ms
Loss rate: 0.00%
```

## Run 4: Report of Copa — Data Link

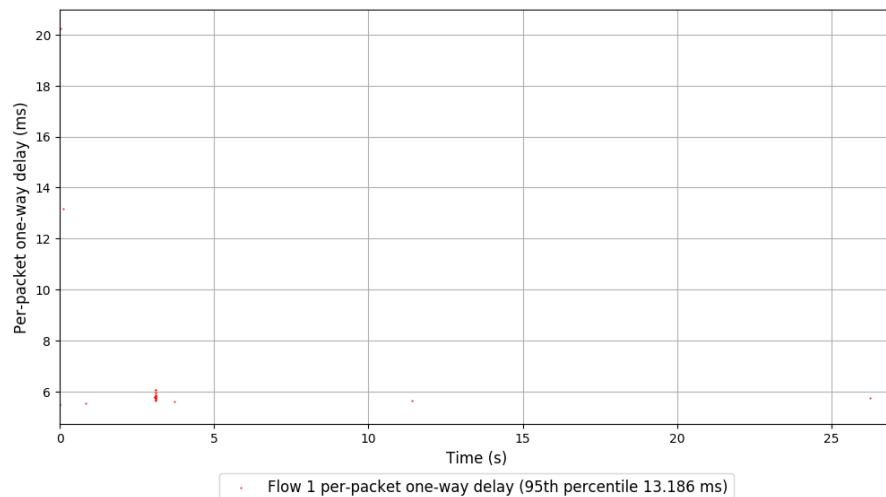
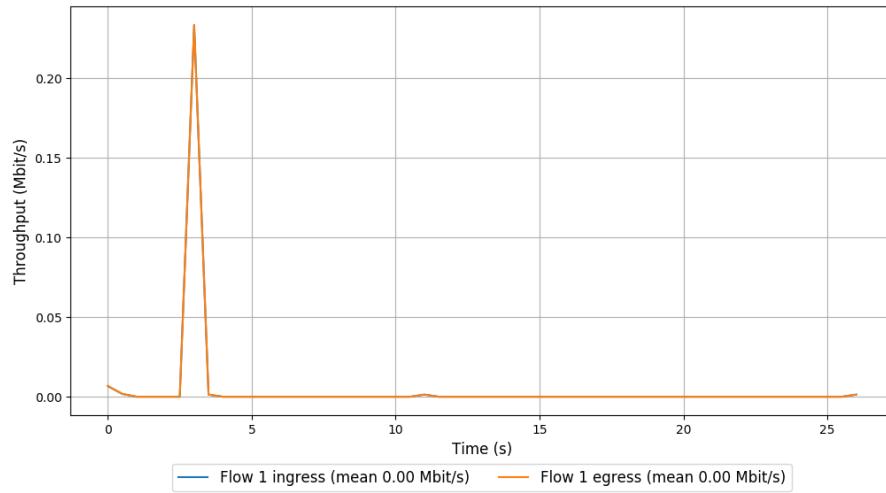


Run 5: Statistics of Copa

```
Start at: Tue, 20 Jun 2017 01:24:50 +0000
End at: Tue, 20 Jun 2017 01:25:20 +0000
Local clock offset: -1.609 ms
Remote clock offset: 1.654 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:53:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 13.186 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 13.186 ms
Loss rate: 0.00%
```

## Run 5: Report of Copa — Data Link

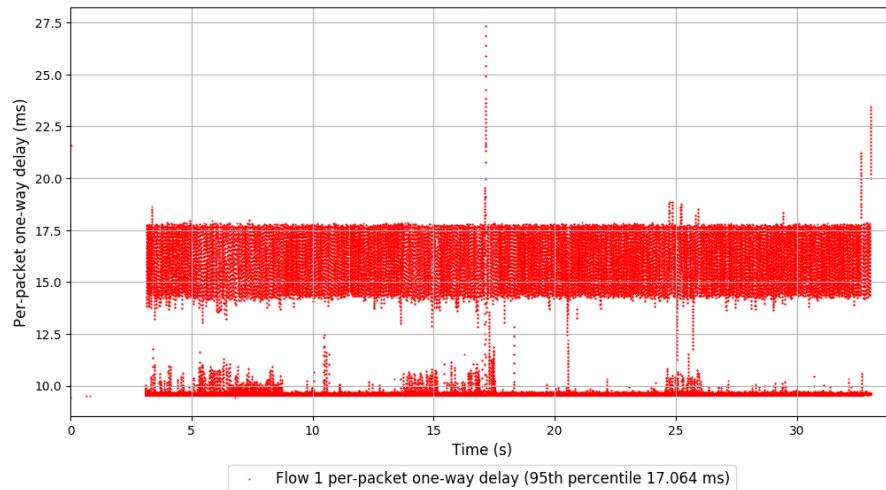
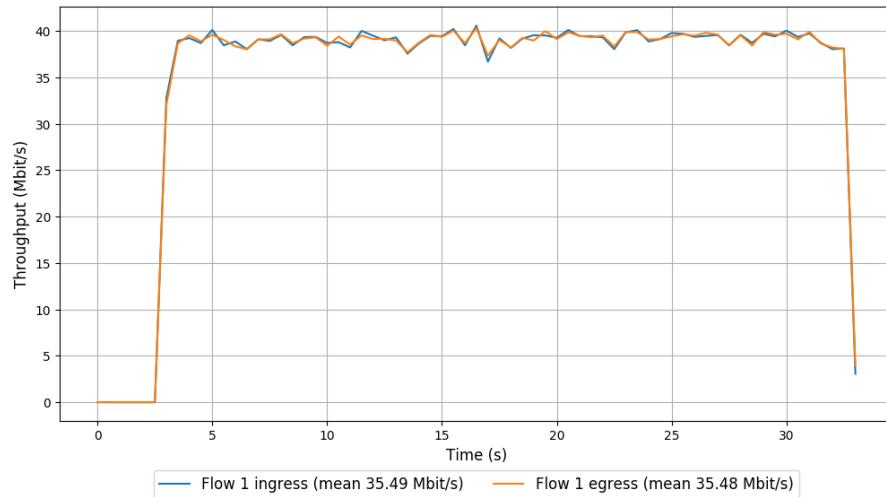


Run 6: Statistics of Copa

```
Start at: Tue, 20 Jun 2017 01:42:58 +0000
End at: Tue, 20 Jun 2017 01:43:28 +0000
Local clock offset: -5.951 ms
Remote clock offset: 1.419 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:54:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 35.48 Mbit/s
95th percentile per-packet one-way delay: 17.064 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 35.48 Mbit/s
95th percentile per-packet one-way delay: 17.064 ms
Loss rate: 0.00%
```

## Run 6: Report of Copa — Data Link

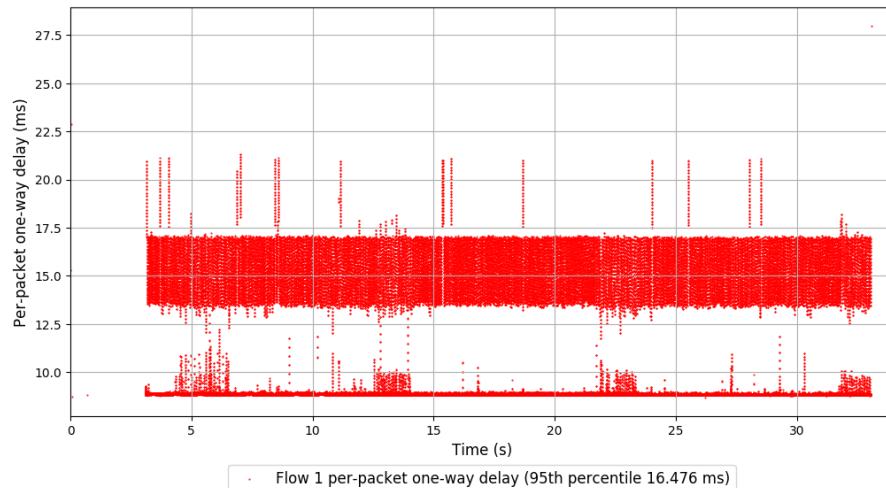
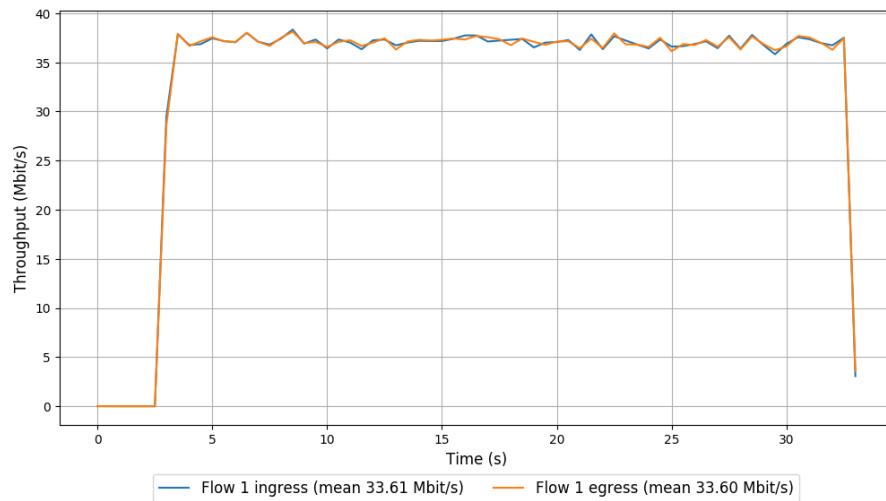


Run 7: Statistics of Copa

```
Start at: Tue, 20 Jun 2017 02:01:27 +0000
End at: Tue, 20 Jun 2017 02:01:57 +0000
Local clock offset: -5.746 ms
Remote clock offset: 1.06 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:54:09 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 33.60 Mbit/s
95th percentile per-packet one-way delay: 16.476 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 33.60 Mbit/s
95th percentile per-packet one-way delay: 16.476 ms
Loss rate: 0.02%
```

## Run 7: Report of Copa — Data Link

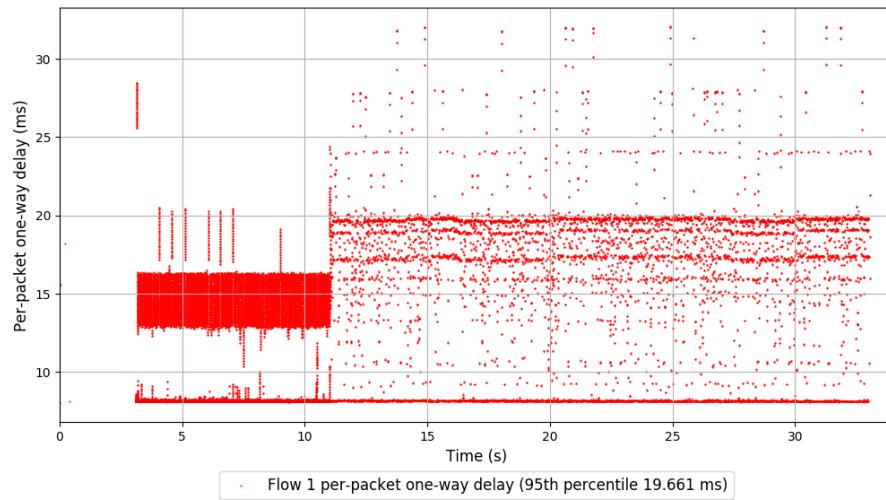
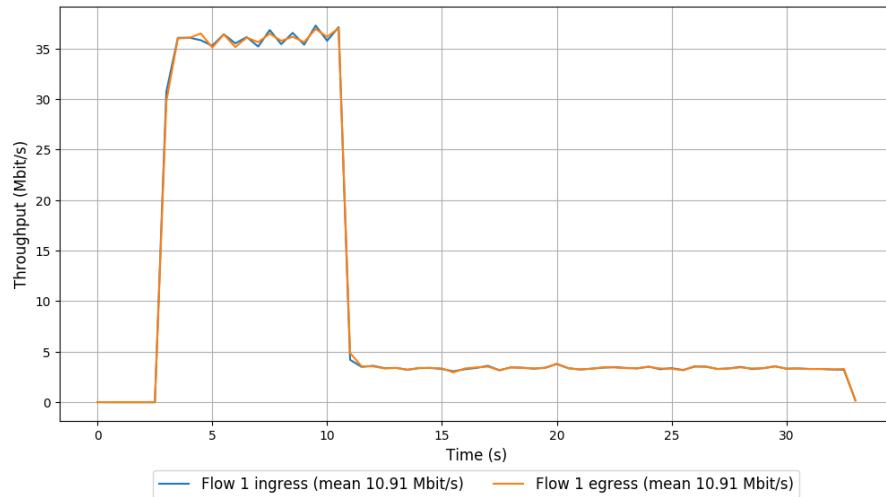


Run 8: Statistics of Copa

```
Start at: Tue, 20 Jun 2017 02:20:22 +0000
End at: Tue, 20 Jun 2017 02:20:52 +0000
Local clock offset: -5.664 ms
Remote clock offset: 0.401 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:54:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.91 Mbit/s
95th percentile per-packet one-way delay: 19.661 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 10.91 Mbit/s
95th percentile per-packet one-way delay: 19.661 ms
Loss rate: 0.00%
```

## Run 8: Report of Copa — Data Link

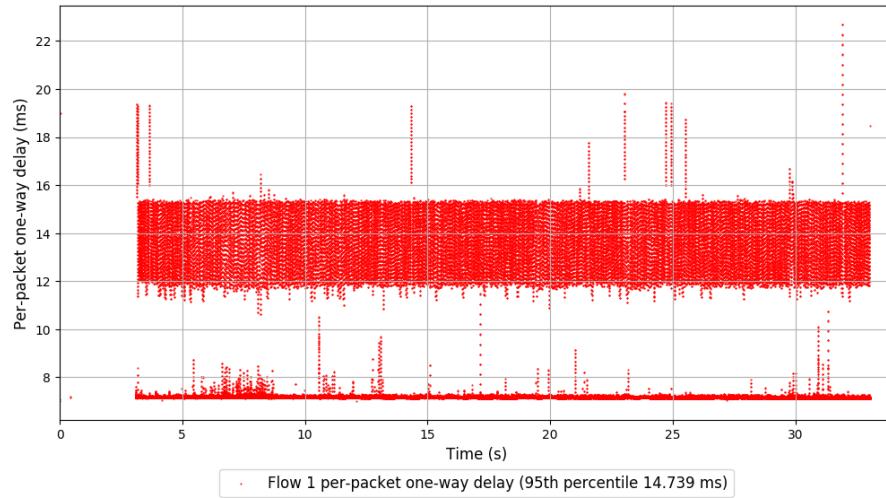
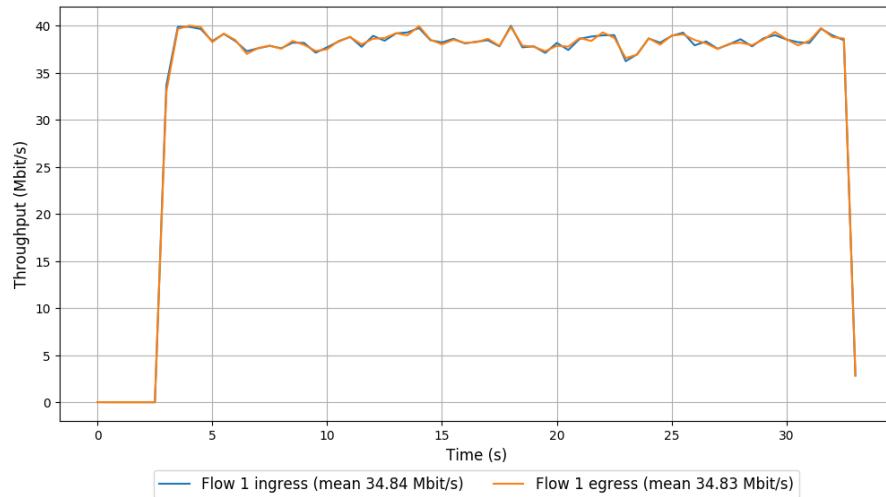


Run 9: Statistics of Copa

```
Start at: Tue, 20 Jun 2017 02:38:57 +0000
End at: Tue, 20 Jun 2017 02:39:27 +0000
Local clock offset: -4.967 ms
Remote clock offset: 0.053 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:54:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 34.83 Mbit/s
95th percentile per-packet one-way delay: 14.739 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 34.83 Mbit/s
95th percentile per-packet one-way delay: 14.739 ms
Loss rate: 0.02%
```

## Run 9: Report of Copa — Data Link

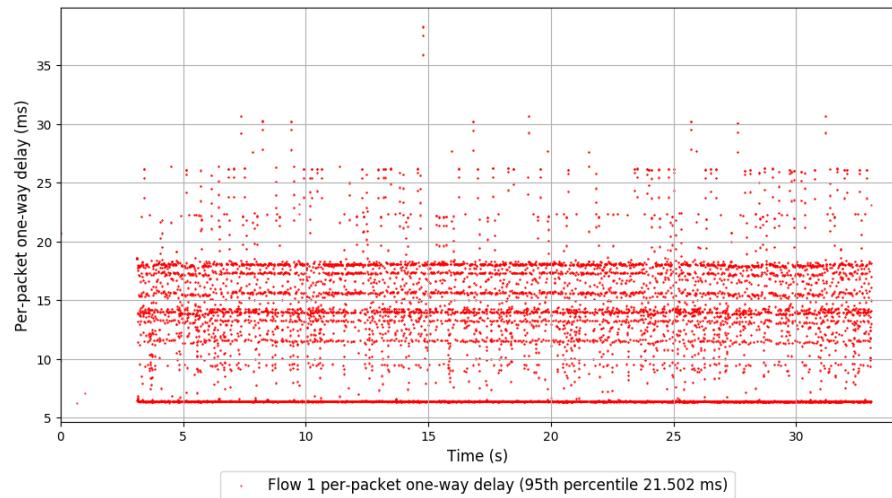
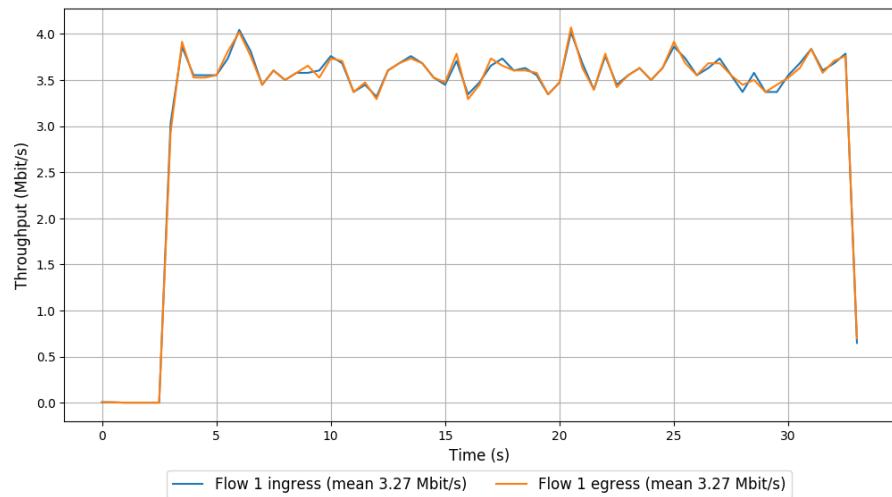


Run 10: Statistics of Copa

```
Start at: Tue, 20 Jun 2017 02:57:20 +0000
End at: Tue, 20 Jun 2017 02:57:50 +0000
Local clock offset: -4.361 ms
Remote clock offset: -0.119 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:54:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.27 Mbit/s
95th percentile per-packet one-way delay: 21.502 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 3.27 Mbit/s
95th percentile per-packet one-way delay: 21.502 ms
Loss rate: 0.04%
```

## Run 10: Report of Copa — Data Link



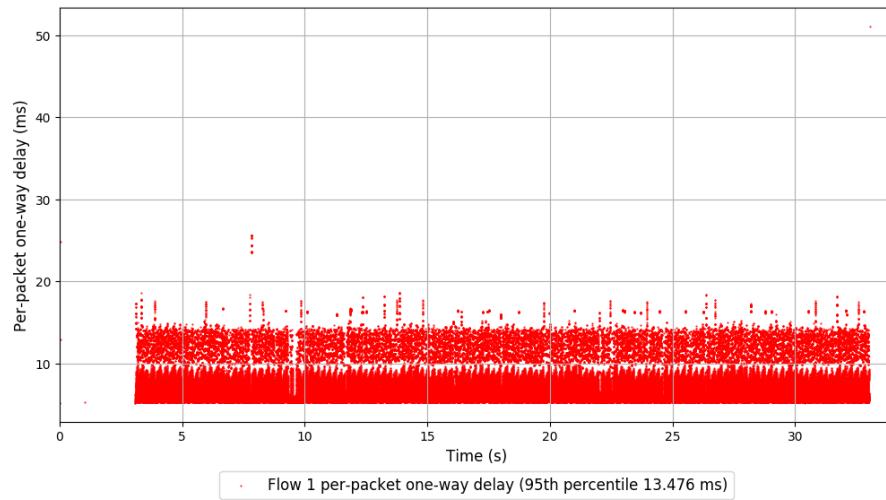
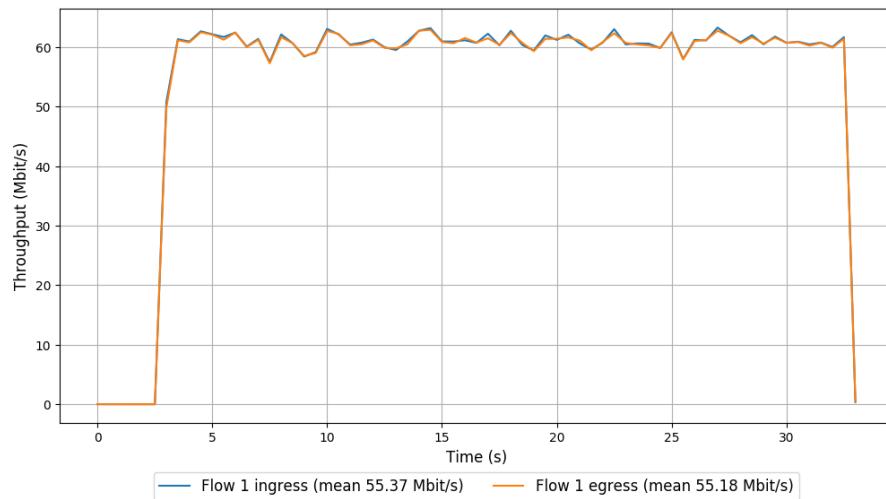
```
Run 1: Statistics of TCP Cubic
```

```
Start at: Tue, 20 Jun 2017 00:05:10 +0000
End at: Tue, 20 Jun 2017 00:05:40 +0000
```

```
Local clock offset: -1.841 ms
Remote clock offset: 1.457 ms
```

```
# Below is generated by plot.py at Tue, 20 Jun 2017 05:55:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 55.18 Mbit/s
95th percentile per-packet one-way delay: 13.476 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 55.18 Mbit/s
95th percentile per-packet one-way delay: 13.476 ms
Loss rate: 0.23%
```

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

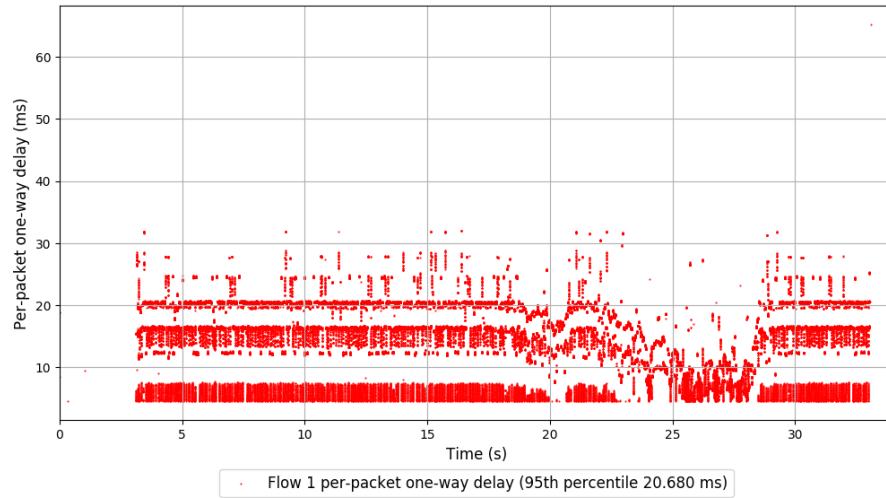
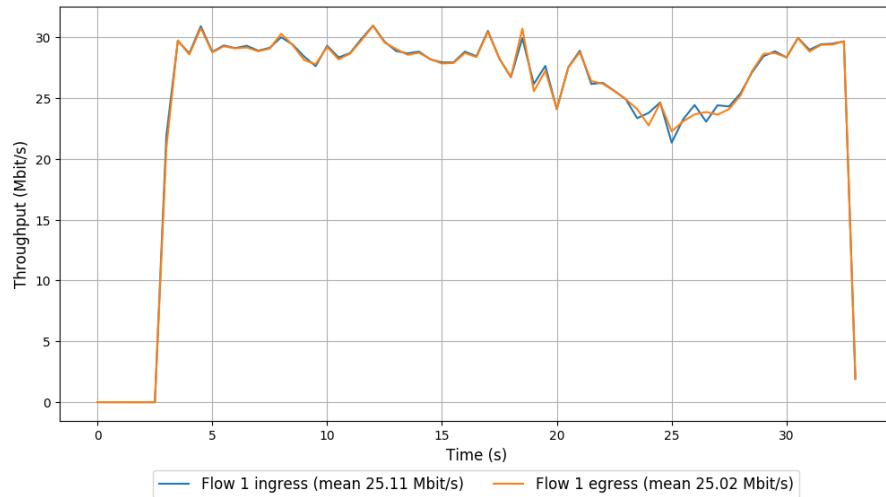


Run 2: Statistics of TCP Cubic

```
Start at: Tue, 20 Jun 2017 00:24:01 +0000
End at: Tue, 20 Jun 2017 00:24:31 +0000
Local clock offset: -0.808 ms
Remote clock offset: 1.705 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:55:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 25.02 Mbit/s
95th percentile per-packet one-way delay: 20.680 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 25.02 Mbit/s
95th percentile per-packet one-way delay: 20.680 ms
Loss rate: 0.22%
```

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

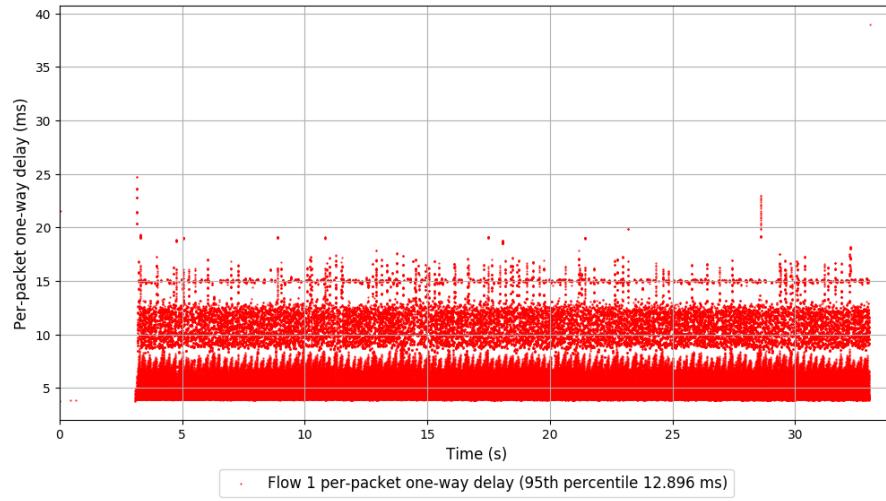
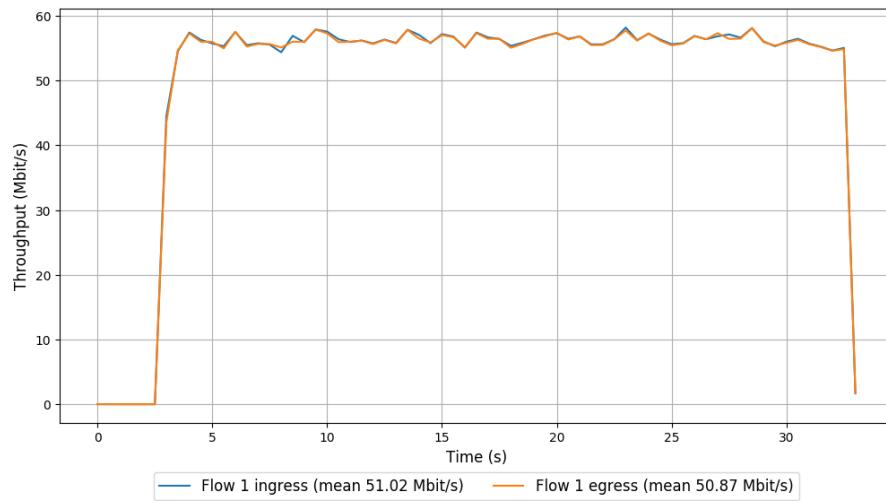


Run 3: Statistics of TCP Cubic

```
Start at: Tue, 20 Jun 2017 00:42:13 +0000
End at: Tue, 20 Jun 2017 00:42:43 +0000
Local clock offset: -0.058 ms
Remote clock offset: 1.803 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:55:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.87 Mbit/s
95th percentile per-packet one-way delay: 12.896 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 50.87 Mbit/s
95th percentile per-packet one-way delay: 12.896 ms
Loss rate: 0.19%
```

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

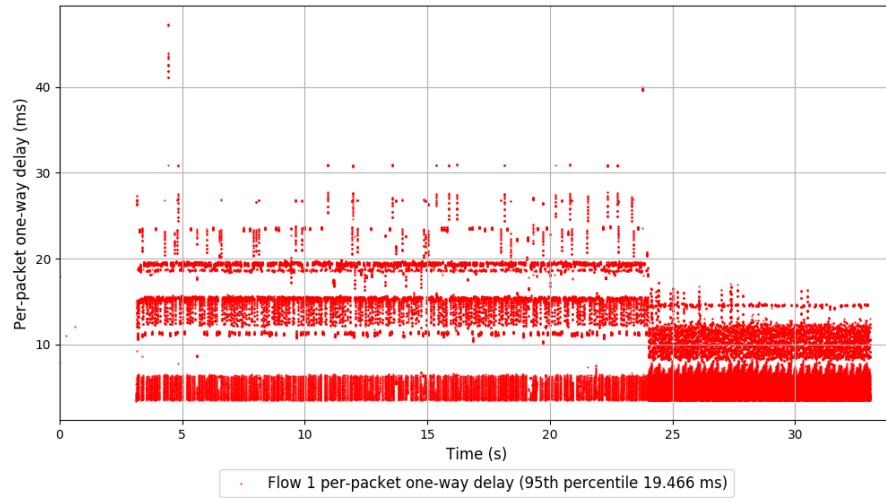
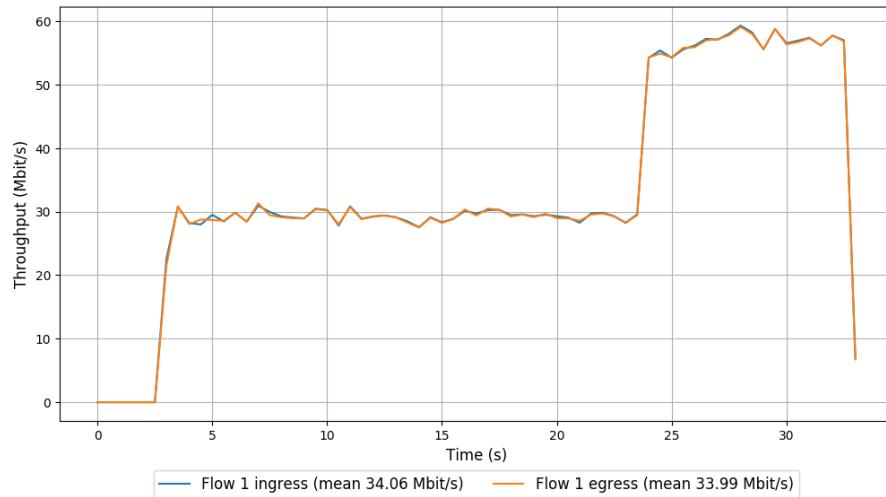


Run 4: Statistics of TCP Cubic

```
Start at: Tue, 20 Jun 2017 01:00:43 +0000
End at: Tue, 20 Jun 2017 01:01:13 +0000
Local clock offset: 0.419 ms
Remote clock offset: 1.871 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:55:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 33.99 Mbit/s
95th percentile per-packet one-way delay: 19.466 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 33.99 Mbit/s
95th percentile per-packet one-way delay: 19.466 ms
Loss rate: 0.21%
```

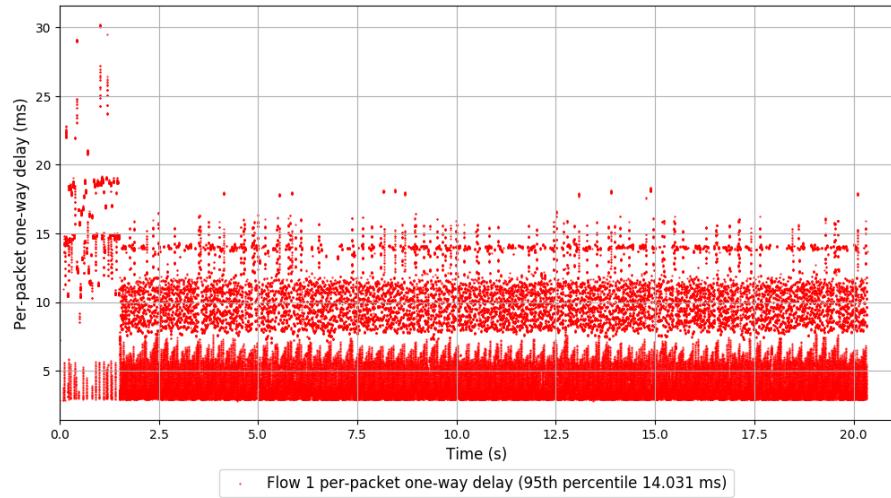
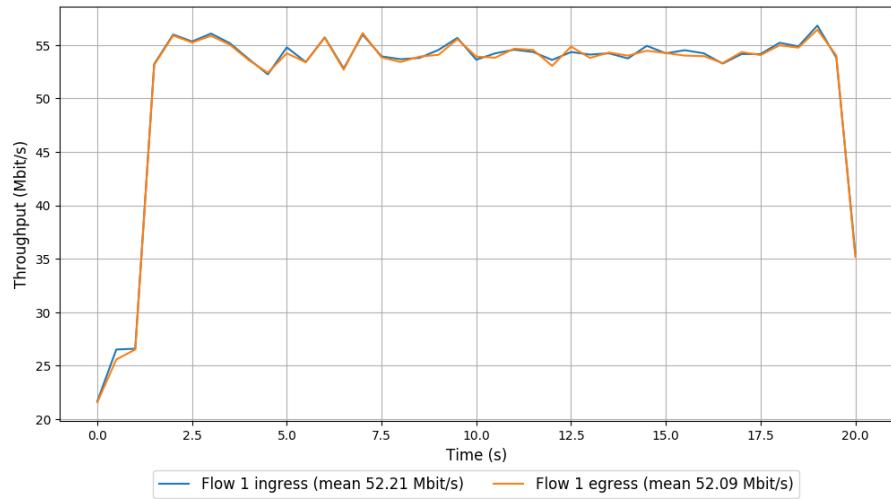
## Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: Tue, 20 Jun 2017 01:19:08 +0000  
End at: Tue, 20 Jun 2017 01:19:38 +0000  
Local clock offset: 0.955 ms  
Remote clock offset: 1.73 ms

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

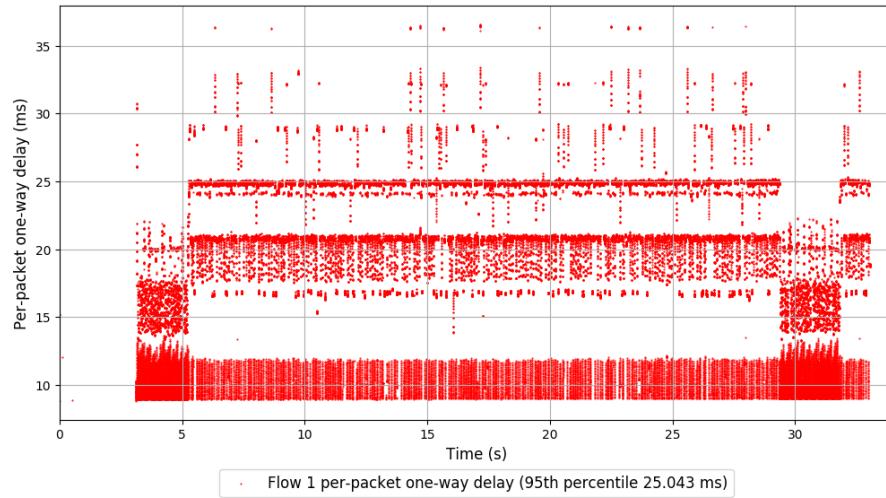
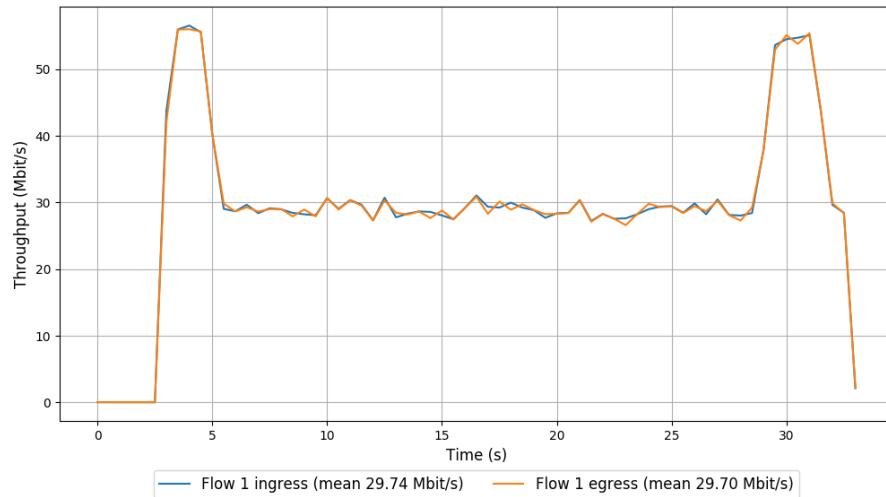


Run 6: Statistics of TCP Cubic

```
Start at: Tue, 20 Jun 2017 01:37:16 +0000
End at: Tue, 20 Jun 2017 01:37:46 +0000
Local clock offset: -5.204 ms
Remote clock offset: 1.495 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:55:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 29.70 Mbit/s
95th percentile per-packet one-way delay: 25.043 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 29.70 Mbit/s
95th percentile per-packet one-way delay: 25.043 ms
Loss rate: 0.18%
```

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



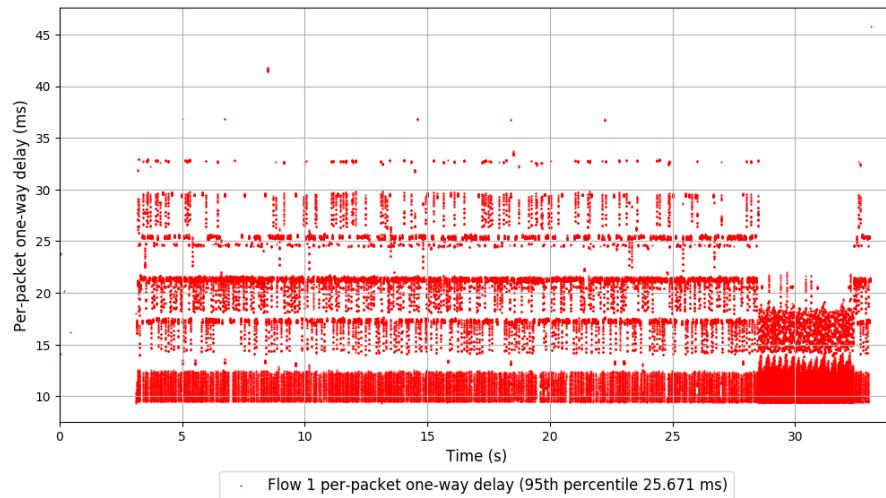
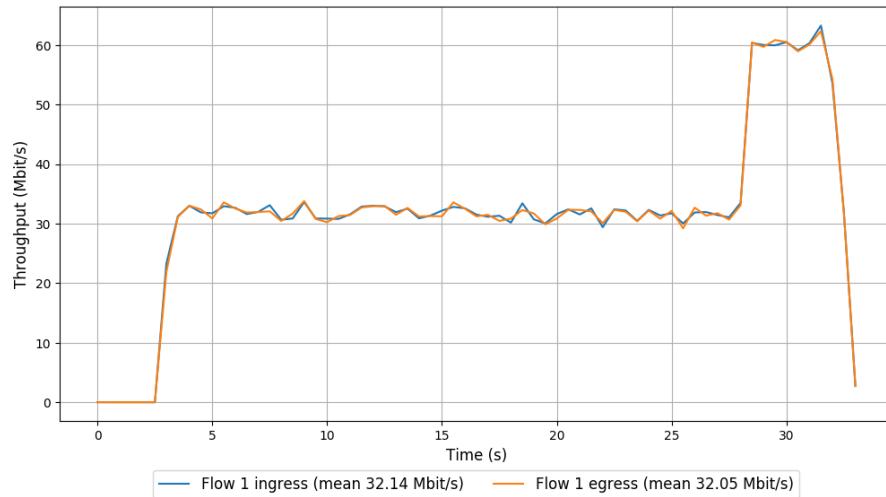
Run 7: Statistics of TCP Cubic

Start at: Tue, 20 Jun 2017 01:55:46 +0000  
End at: Tue, 20 Jun 2017 01:56:16 +0000

Local clock offset: -6.646 ms  
Remote clock offset: 1.124 ms

```
# Below is generated by plot.py at Tue, 20 Jun 2017 05:56:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 32.05 Mbit/s
95th percentile per-packet one-way delay: 25.671 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 32.05 Mbit/s
95th percentile per-packet one-way delay: 25.671 ms
Loss rate: 0.20%
```

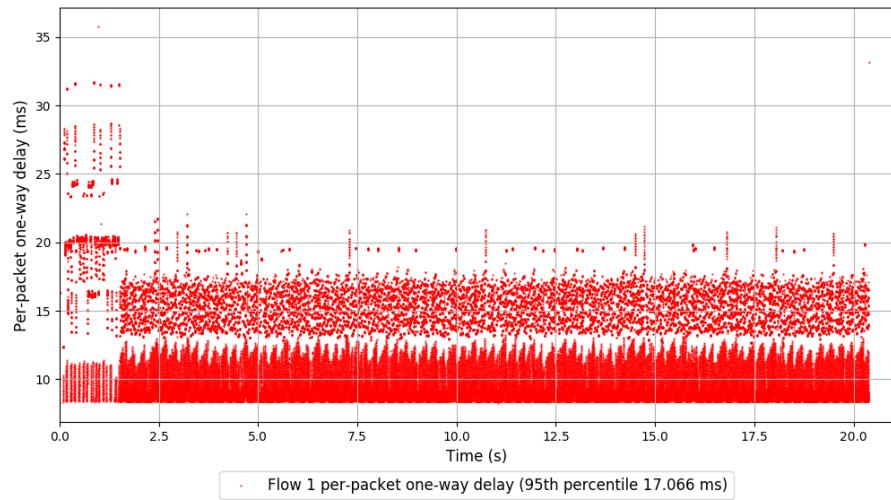
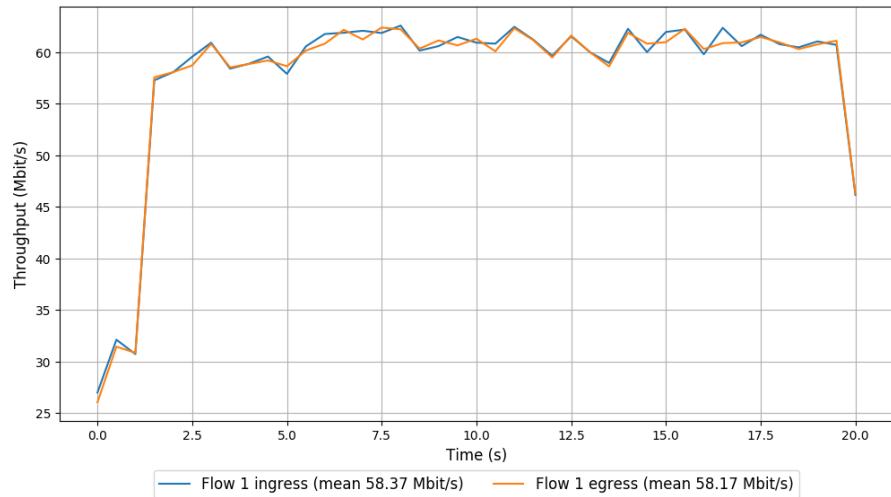
## Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: Tue, 20 Jun 2017 02:14:14 +0000  
End at: Tue, 20 Jun 2017 02:14:44 +0000  
Local clock offset: -5.722 ms  
Remote clock offset: 0.582 ms

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

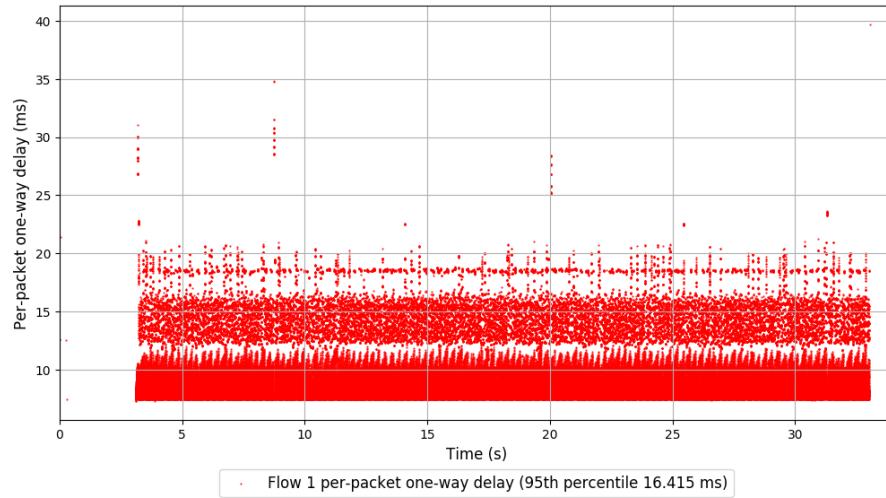
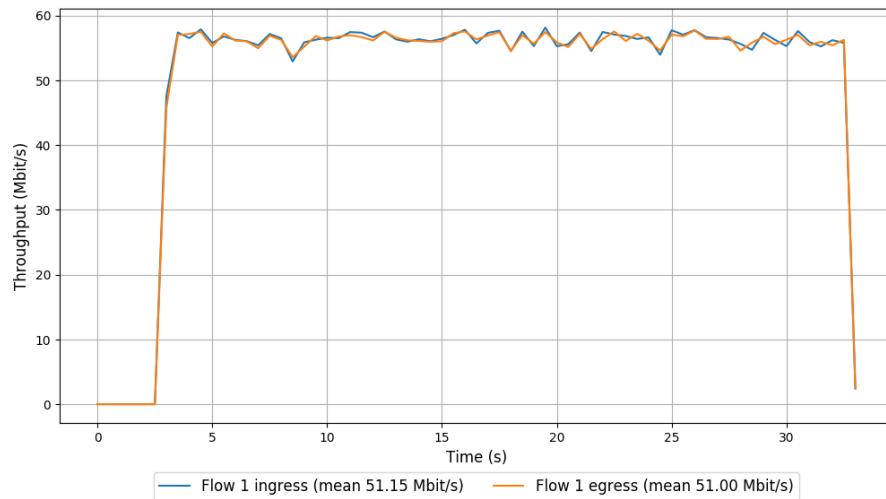


Run 9: Statistics of TCP Cubic

```
Start at: Tue, 20 Jun 2017 02:32:47 +0000
End at: Tue, 20 Jun 2017 02:33:17 +0000
Local clock offset: -5.077 ms
Remote clock offset: 0.23 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:56:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 51.00 Mbit/s
95th percentile per-packet one-way delay: 16.415 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 51.00 Mbit/s
95th percentile per-packet one-way delay: 16.415 ms
Loss rate: 0.22%
```

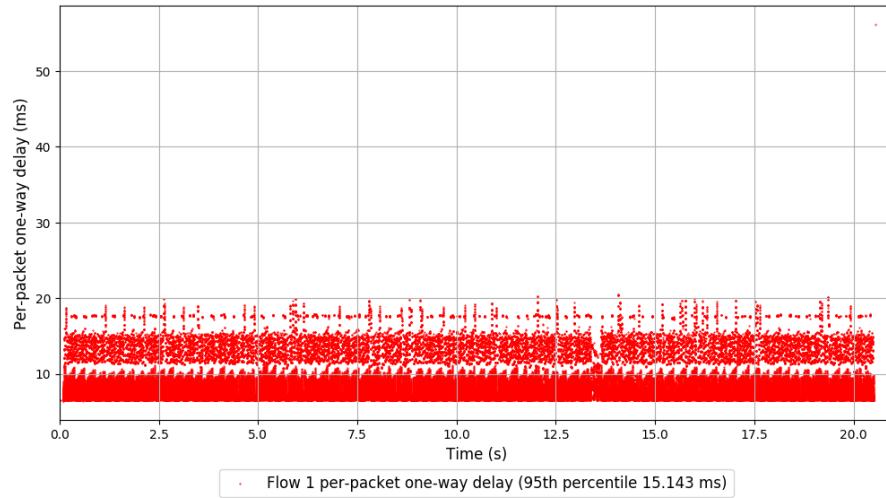
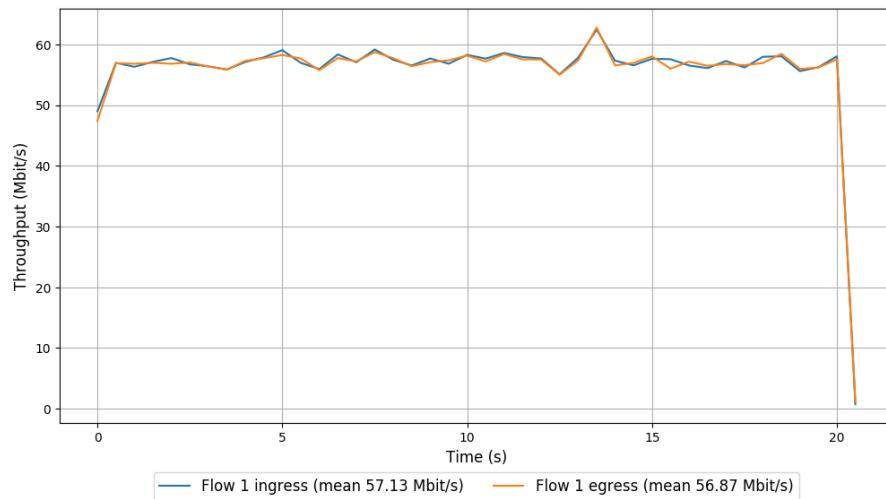
### Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: Tue, 20 Jun 2017 02:51:37 +0000  
End at: Tue, 20 Jun 2017 02:52:07 +0000  
Local clock offset: -4.477 ms  
Remote clock offset: -0.021 ms

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



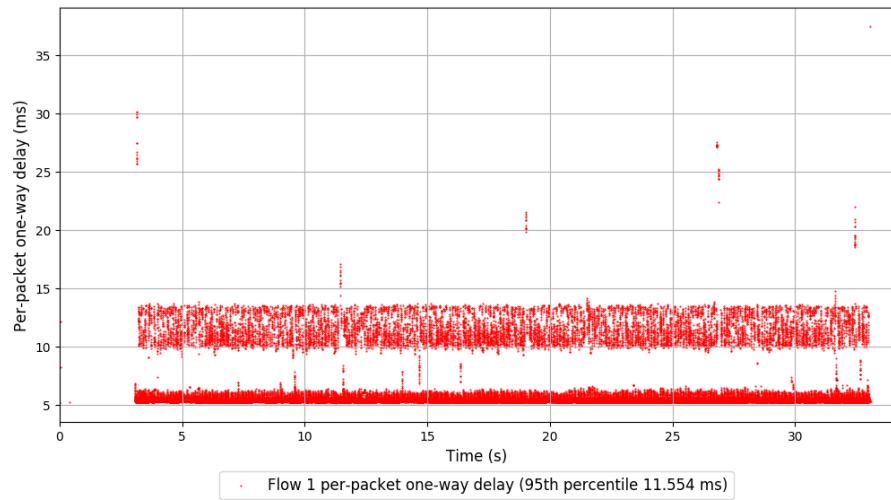
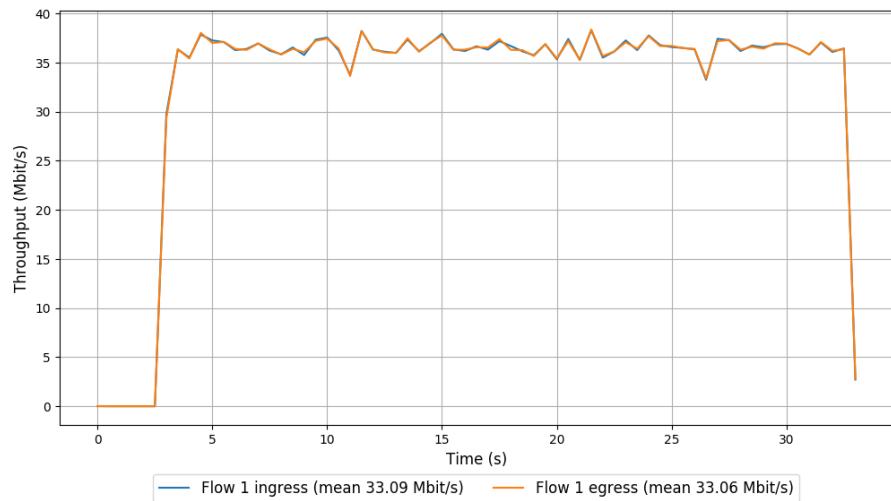
```
Run 1: Statistics of KohoCC
```

```
Start at: Tue, 20 Jun 2017 00:09:00 +0000
End at: Tue, 20 Jun 2017 00:09:30 +0000
```

```
Local clock offset: -1.661 ms
Remote clock offset: 1.496 ms
```

```
# Below is generated by plot.py at Tue, 20 Jun 2017 05:57:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 33.06 Mbit/s
95th percentile per-packet one-way delay: 11.554 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 33.06 Mbit/s
95th percentile per-packet one-way delay: 11.554 ms
Loss rate: 0.01%
```

## Run 1: Report of KohoCC — Data Link

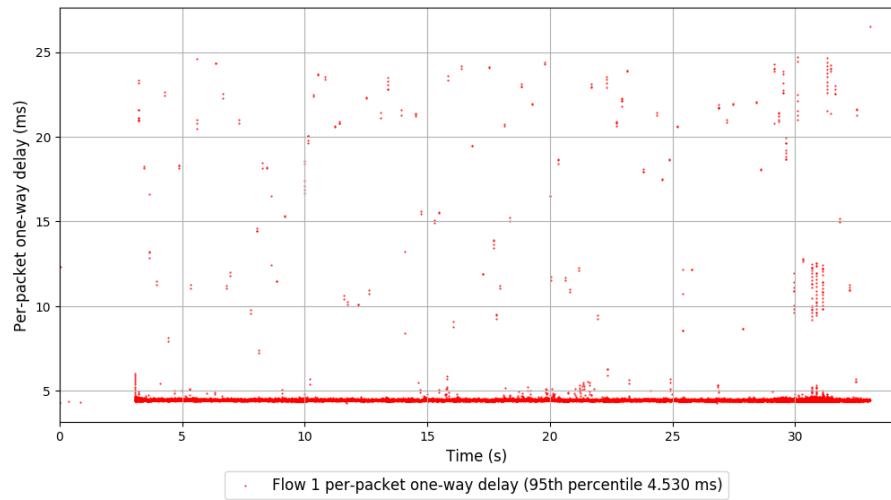
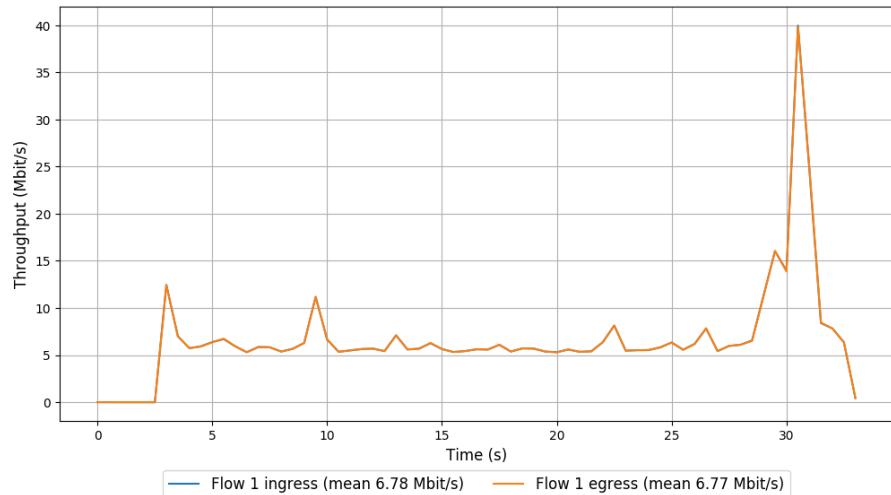


Run 2: Statistics of KohoCC

```
Start at: Tue, 20 Jun 2017 00:27:44 +0000
End at: Tue, 20 Jun 2017 00:28:14 +0000
Local clock offset: -0.583 ms
Remote clock offset: 1.749 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:57:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.77 Mbit/s
95th percentile per-packet one-way delay: 4.530 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 6.77 Mbit/s
95th percentile per-packet one-way delay: 4.530 ms
Loss rate: 0.01%
```

## Run 2: Report of KohoCC — Data Link



Run 3: Statistics of KohoCC

Start at: Tue, 20 Jun 2017 00:46:00 +0000  
End at: Tue, 20 Jun 2017 00:46:30 +0000  
Local clock offset: -0.048 ms  
Remote clock offset: 1.771 ms

Run 3: Report of KohoCC — Data Link

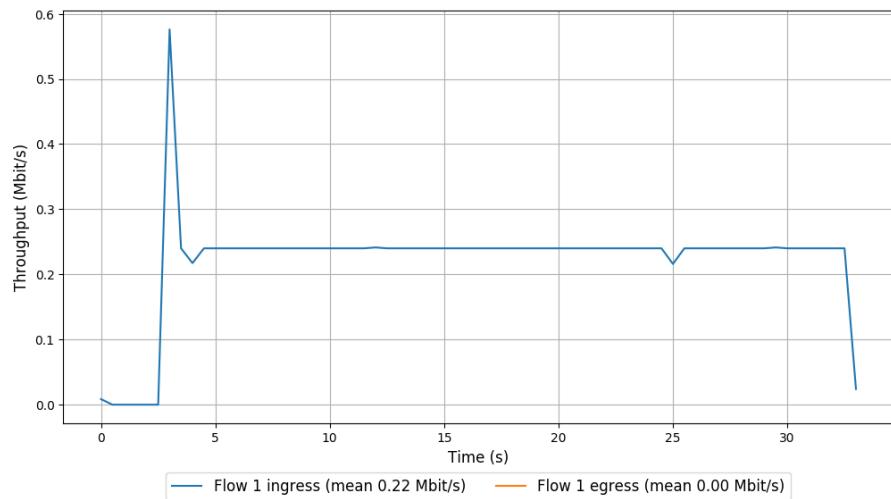


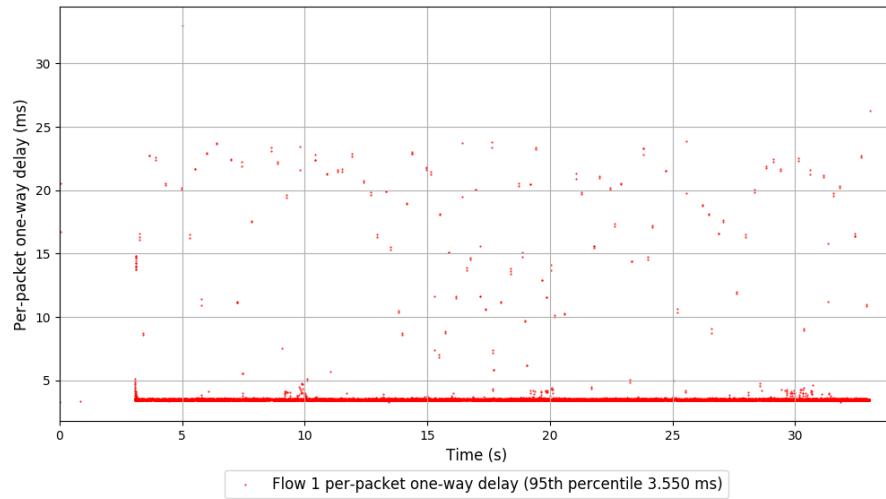
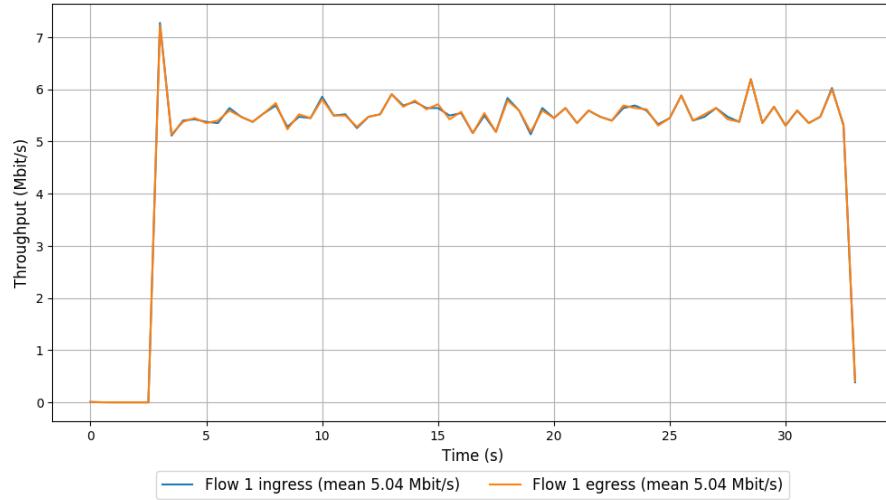
Figure is missing

Run 4: Statistics of KohoCC

```
Start at: Tue, 20 Jun 2017 01:04:22 +0000
End at: Tue, 20 Jun 2017 01:04:52 +0000
Local clock offset: 0.531 ms
Remote clock offset: 1.954 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:57:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.04 Mbit/s
95th percentile per-packet one-way delay: 3.550 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 5.04 Mbit/s
95th percentile per-packet one-way delay: 3.550 ms
Loss rate: 0.01%
```

## Run 4: Report of KohoCC — Data Link

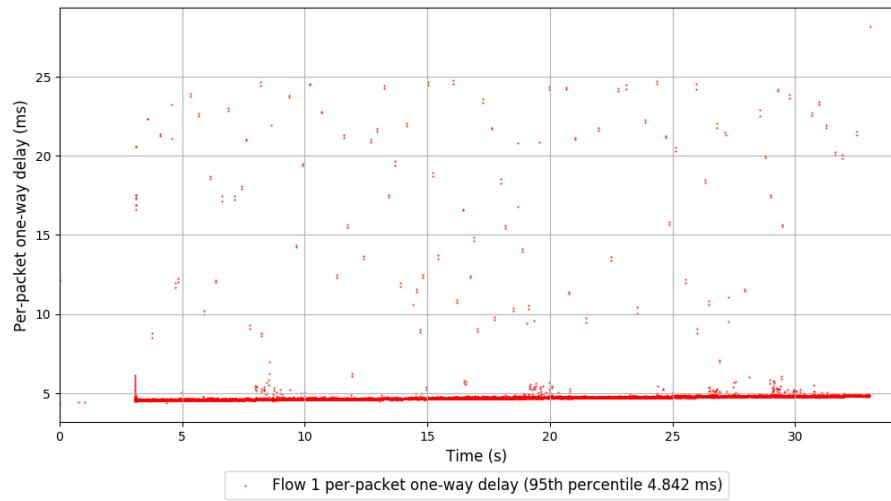
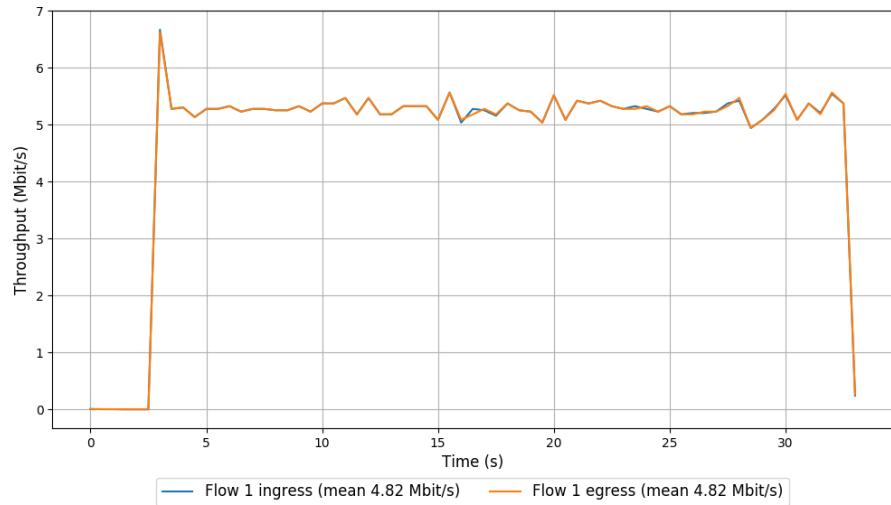


Run 5: Statistics of KohoCC

```
Start at: Tue, 20 Jun 2017 01:22:36 +0000
End at: Tue, 20 Jun 2017 01:23:07 +0000
Local clock offset: -0.282 ms
Remote clock offset: 1.787 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:57:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.82 Mbit/s
95th percentile per-packet one-way delay: 4.842 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 4.82 Mbit/s
95th percentile per-packet one-way delay: 4.842 ms
Loss rate: 0.01%
```

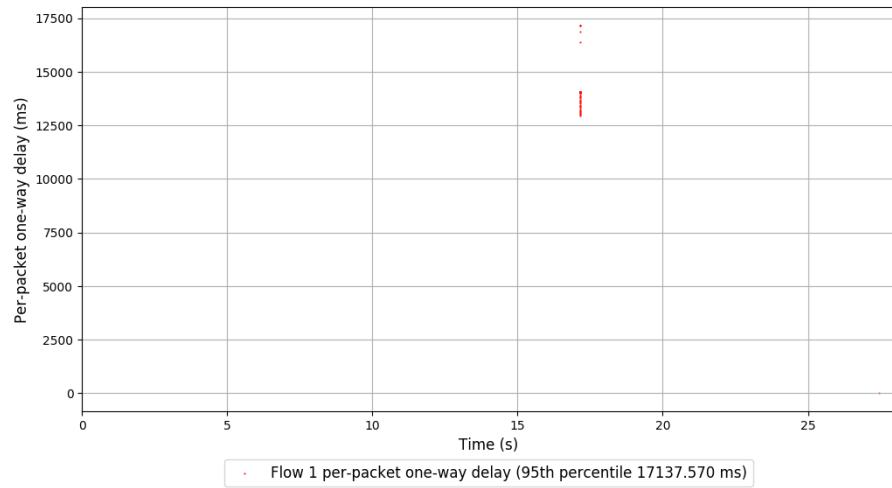
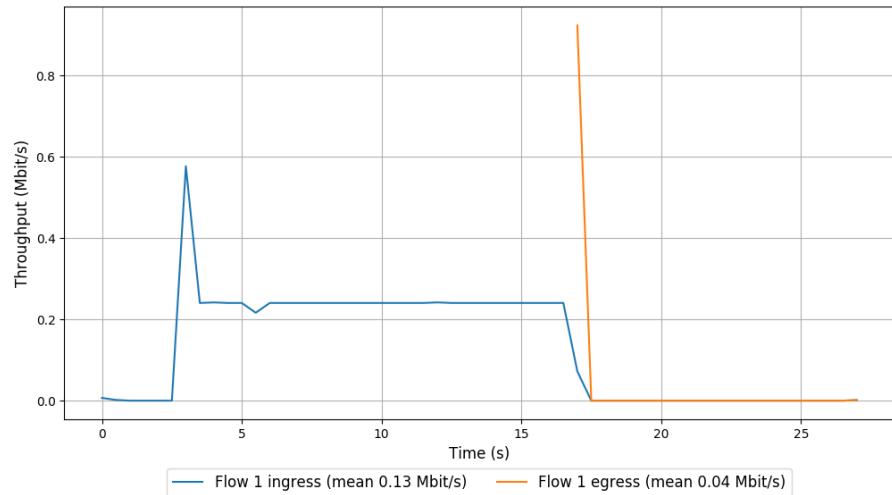
## Run 5: Report of KohoCC — Data Link



Run 6: Statistics of KohoCC

Start at: Tue, 20 Jun 2017 01:40:46 +0000  
End at: Tue, 20 Jun 2017 01:41:16 +0000  
Local clock offset: -7.461 ms  
Remote clock offset: 1.517 ms

## Run 6: Report of KohoCC — Data Link



Run 7: Statistics of KohoCC

Start at: Tue, 20 Jun 2017 01:59:13 +0000

End at: Tue, 20 Jun 2017 01:59:43 +0000

Local clock offset: -5.881 ms

Remote clock offset: 1.107 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:57:15 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.40 Mbit/s

95th percentile per-packet one-way delay: 20.972 ms

Loss rate: 0.02%

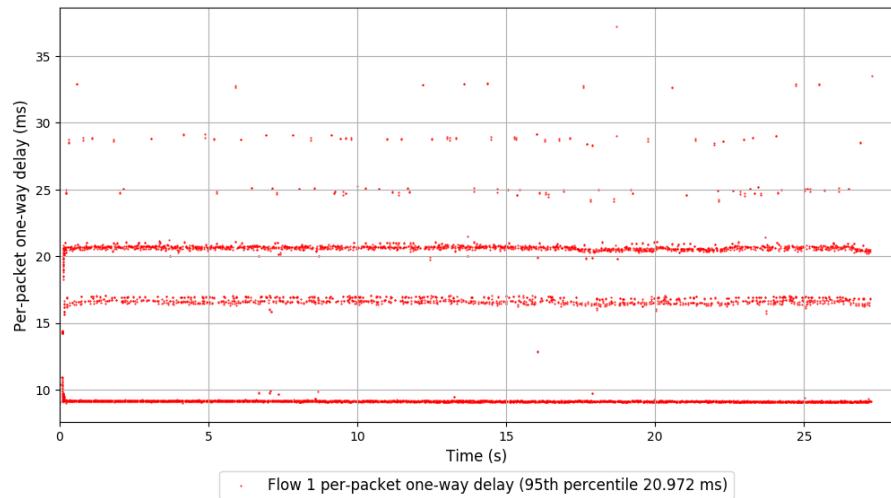
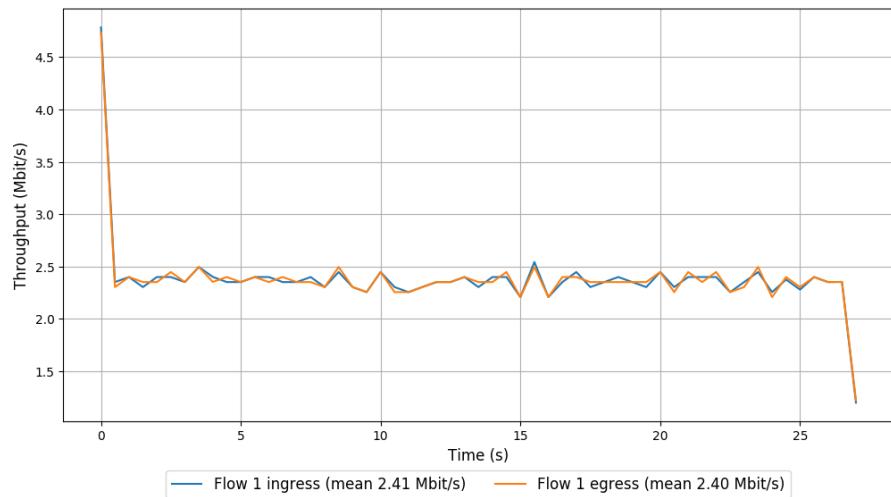
-- Flow 1:

Average throughput: 2.40 Mbit/s

95th percentile per-packet one-way delay: 20.972 ms

Loss rate: 0.02%

## Run 7: Report of KohoCC — Data Link

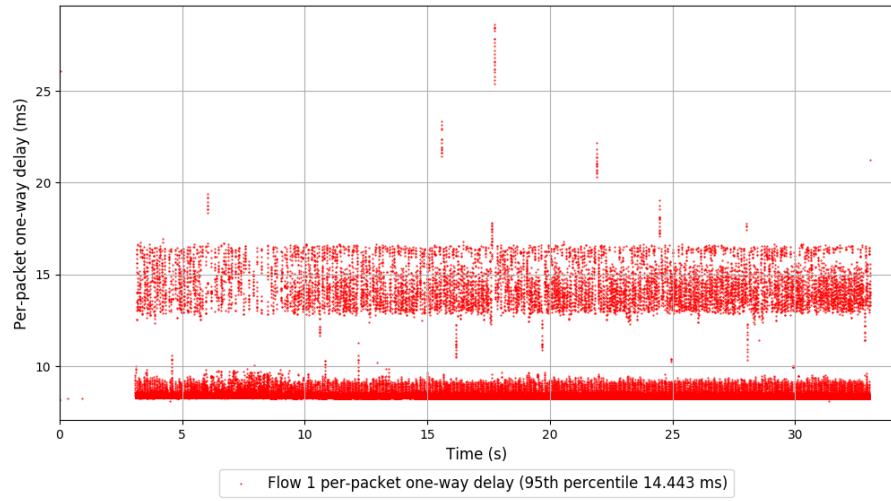
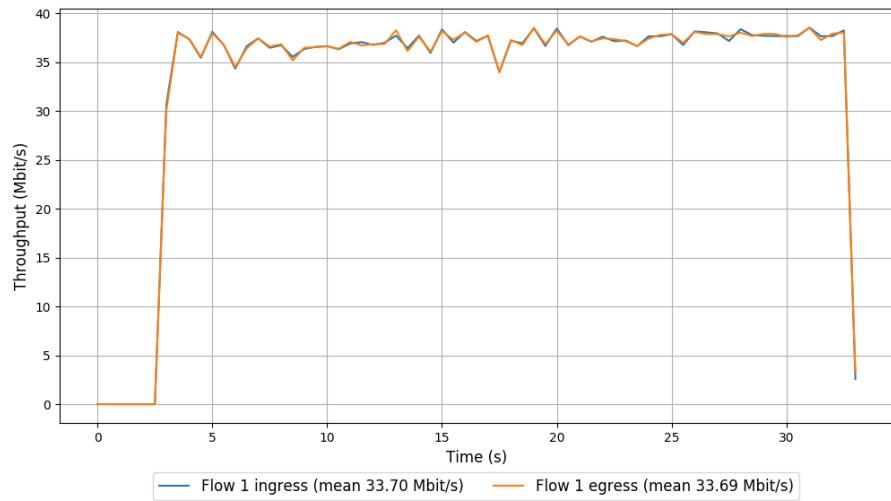


Run 8: Statistics of KohoCC

```
Start at: Tue, 20 Jun 2017 02:17:58 +0000
End at: Tue, 20 Jun 2017 02:18:28 +0000
Local clock offset: -5.733 ms
Remote clock offset: 0.47 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:57:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 33.69 Mbit/s
95th percentile per-packet one-way delay: 14.443 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 33.69 Mbit/s
95th percentile per-packet one-way delay: 14.443 ms
Loss rate: 0.01%
```

## Run 8: Report of KohoCC — Data Link

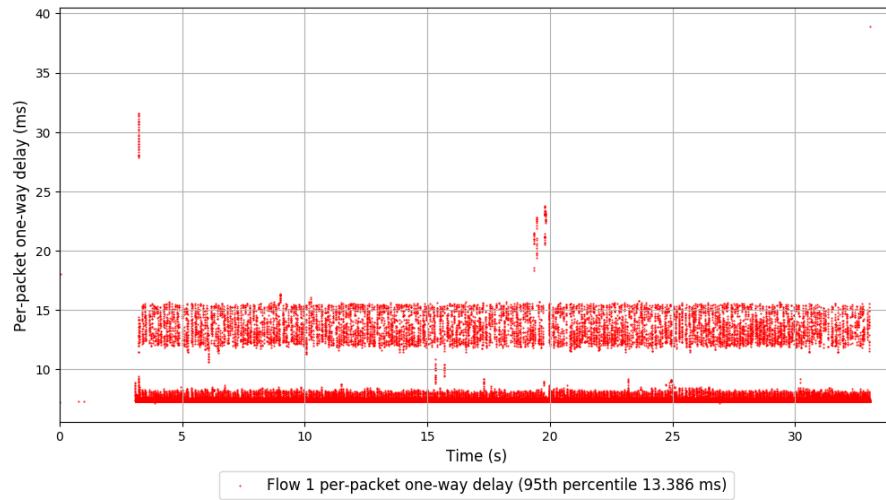
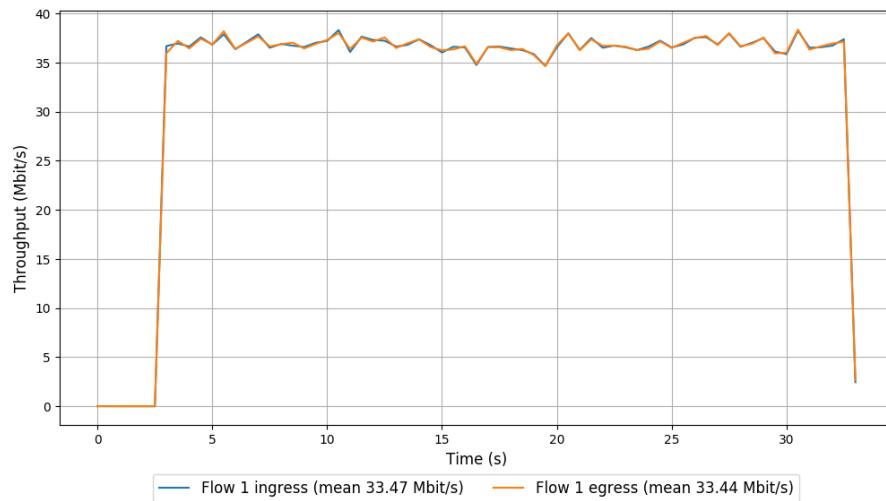


Run 9: Statistics of KohoCC

```
Start at: Tue, 20 Jun 2017 02:36:33 +0000
End at: Tue, 20 Jun 2017 02:37:03 +0000
Local clock offset: -5.096 ms
Remote clock offset: 0.142 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:57:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 33.44 Mbit/s
95th percentile per-packet one-way delay: 13.386 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 33.44 Mbit/s
95th percentile per-packet one-way delay: 13.386 ms
Loss rate: 0.02%
```

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

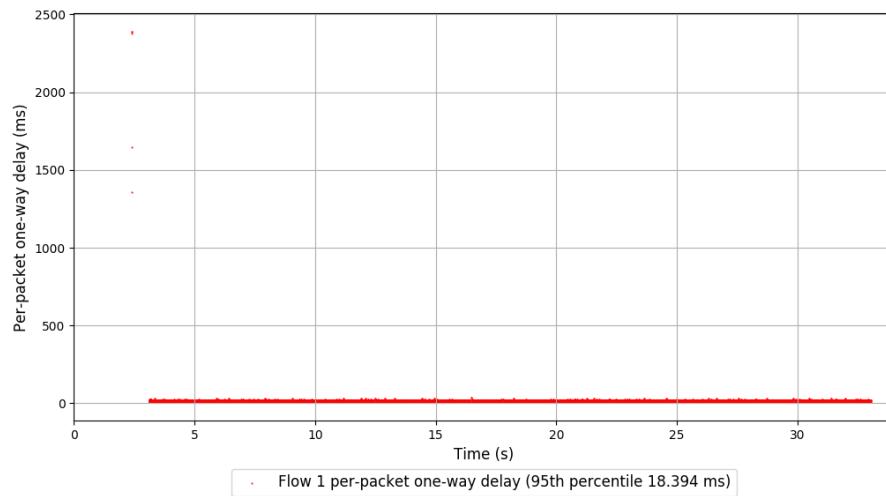
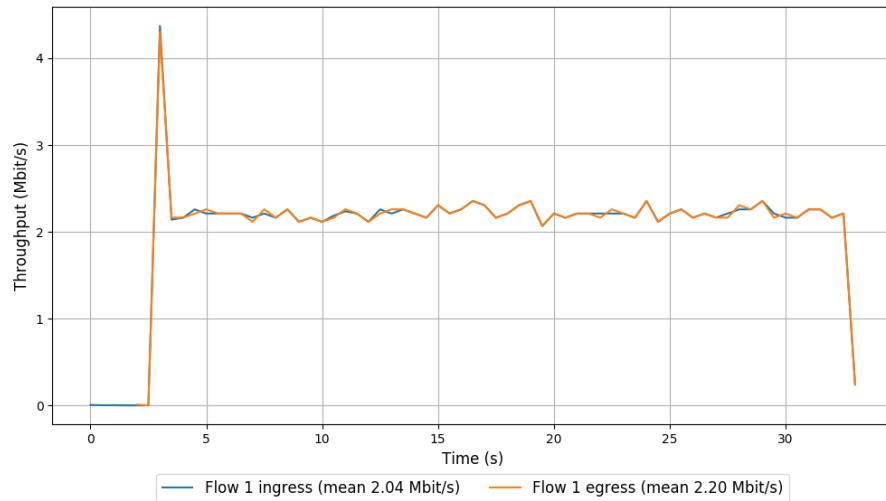


Run 10: Statistics of KohoCC

```
Start at: Tue, 20 Jun 2017 02:55:07 +0000
End at: Tue, 20 Jun 2017 02:55:37 +0000
Local clock offset: -4.477 ms
Remote clock offset: -0.072 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:57:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.20 Mbit/s
95th percentile per-packet one-way delay: 18.394 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 2.20 Mbit/s
95th percentile per-packet one-way delay: 18.394 ms
Loss rate: 0.04%
```

## Run 10: Report of KohoCC — Data Link

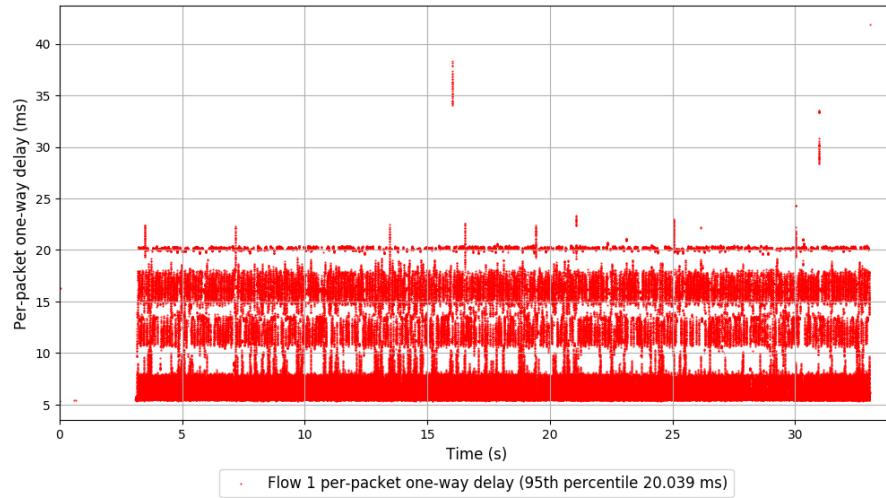
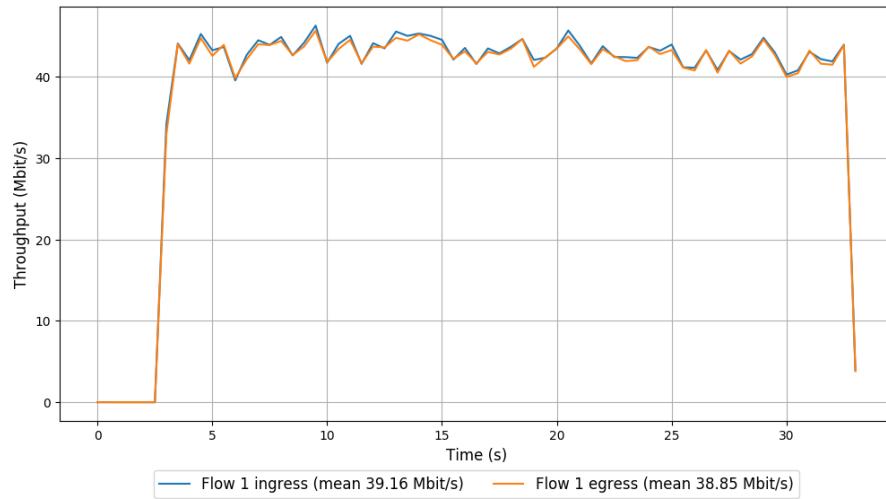


Run 1: Statistics of LEDBAT

```
Start at: Mon, 19 Jun 2017 23:56:36 +0000
End at: Mon, 19 Jun 2017 23:57:06 +0000
Local clock offset: -2.101 ms
Remote clock offset: 1.294 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:58:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 38.85 Mbit/s
95th percentile per-packet one-way delay: 20.039 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 38.85 Mbit/s
95th percentile per-packet one-way delay: 20.039 ms
Loss rate: 0.69%
```

## Run 1: Report of LEDBAT — Data Link

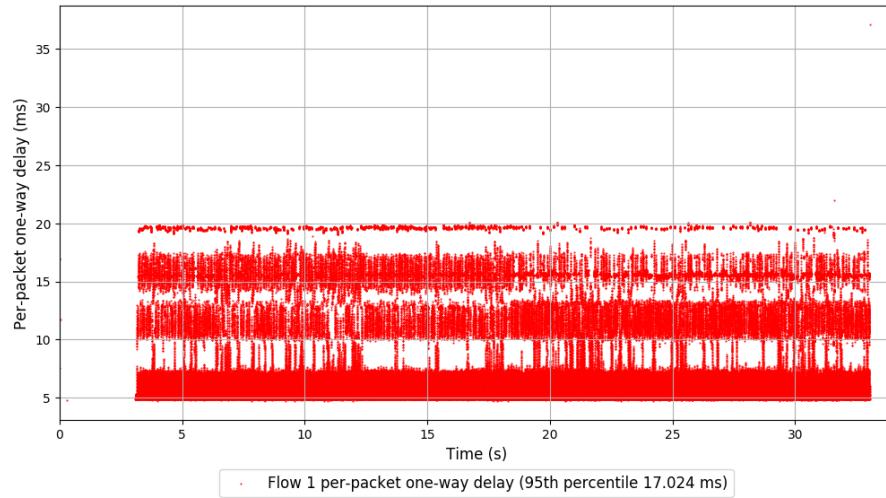
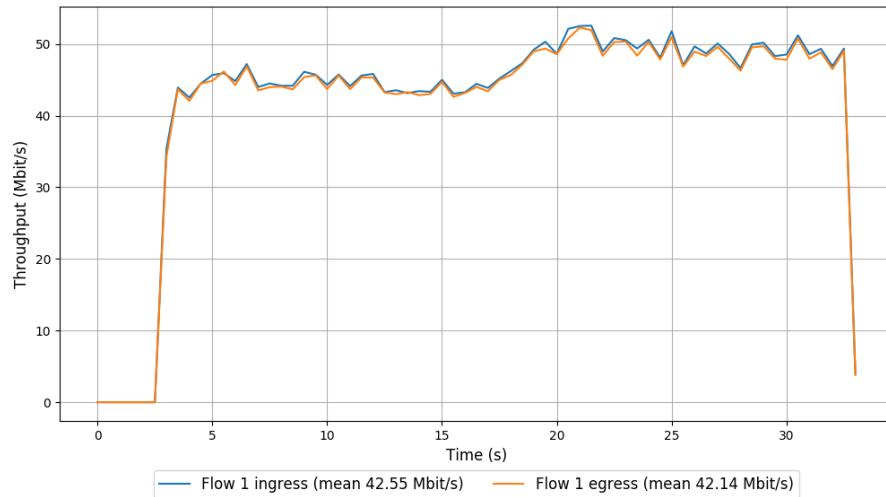


Run 2: Statistics of LEDBAT

```
Start at: Tue, 20 Jun 2017 00:15:30 +0000
End at: Tue, 20 Jun 2017 00:16:00 +0000
Local clock offset: -1.252 ms
Remote clock offset: 1.577 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:58:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 42.14 Mbit/s
95th percentile per-packet one-way delay: 17.024 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 42.14 Mbit/s
95th percentile per-packet one-way delay: 17.024 ms
Loss rate: 0.93%
```

## Run 2: Report of LEDBAT — Data Link

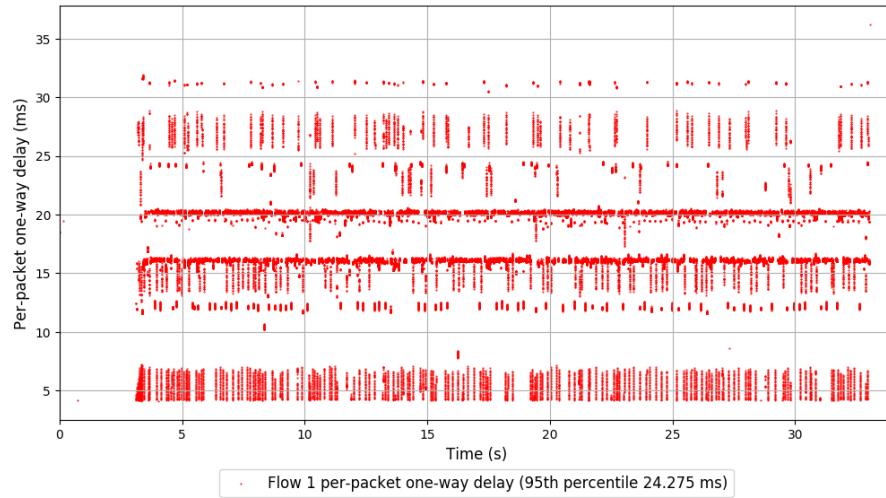
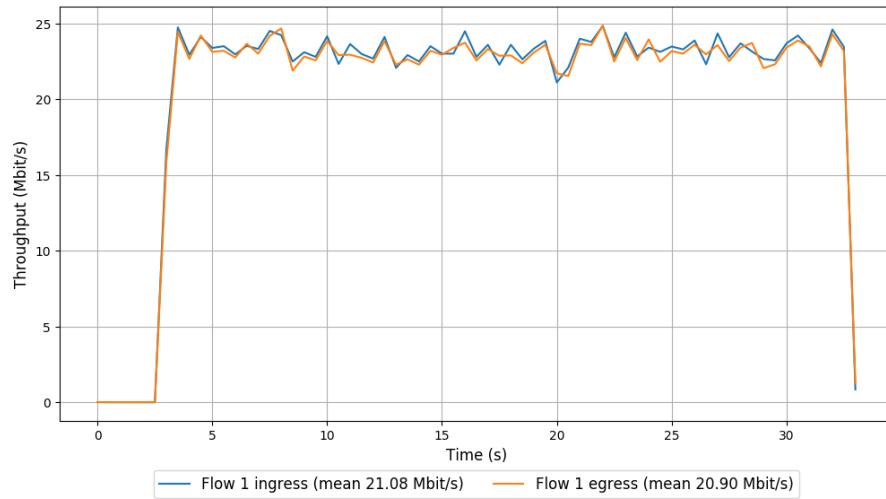


Run 3: Statistics of LEDBAT

```
Start at: Tue, 20 Jun 2017 00:33:54 +0000
End at: Tue, 20 Jun 2017 00:34:24 +0000
Local clock offset: -0.331 ms
Remote clock offset: 1.756 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:58:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 20.90 Mbit/s
95th percentile per-packet one-way delay: 24.275 ms
Loss rate: 0.80%
-- Flow 1:
Average throughput: 20.90 Mbit/s
95th percentile per-packet one-way delay: 24.275 ms
Loss rate: 0.80%
```

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

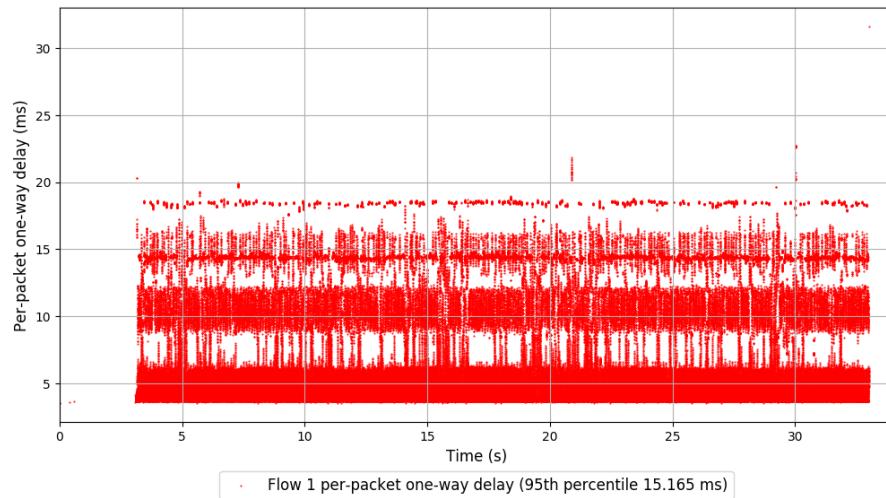
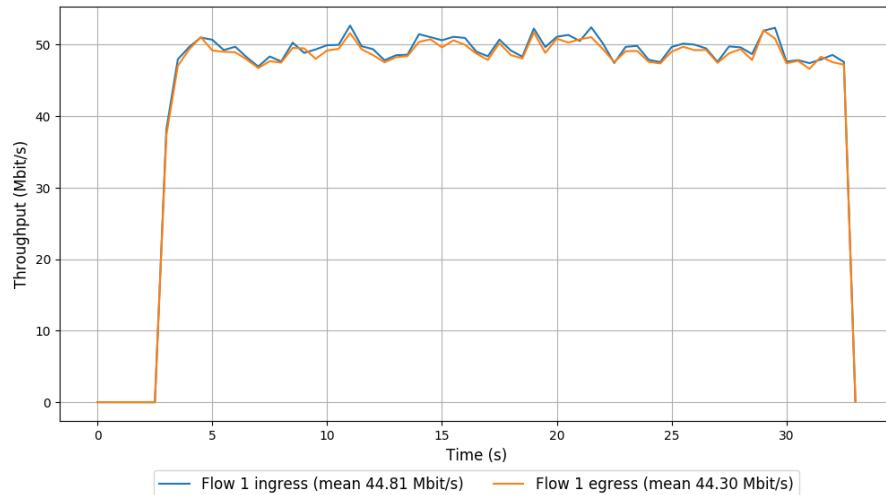


Run 4: Statistics of LEDBAT

```
Start at: Tue, 20 Jun 2017 00:52:01 +0000
End at: Tue, 20 Jun 2017 00:52:31 +0000
Local clock offset: 0.208 ms
Remote clock offset: 1.808 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:58:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 44.30 Mbit/s
95th percentile per-packet one-way delay: 15.165 ms
Loss rate: 1.08%
-- Flow 1:
Average throughput: 44.30 Mbit/s
95th percentile per-packet one-way delay: 15.165 ms
Loss rate: 1.08%
```

## Run 4: Report of LEDBAT — Data Link

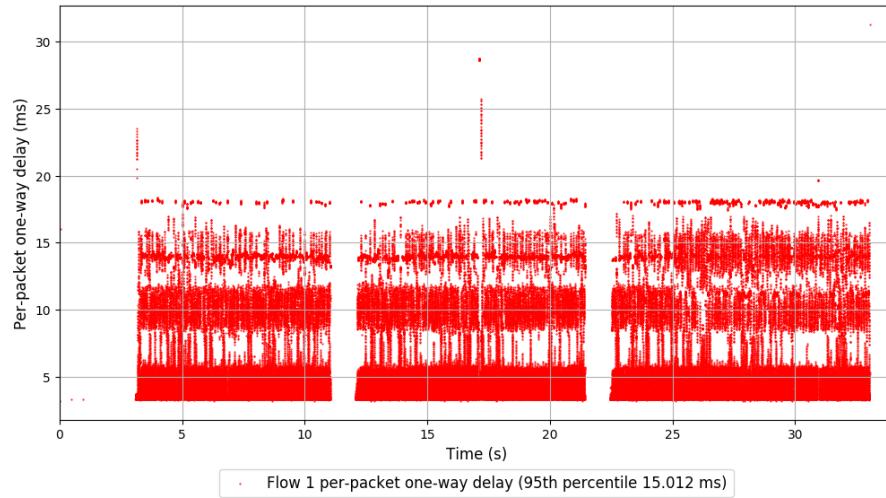
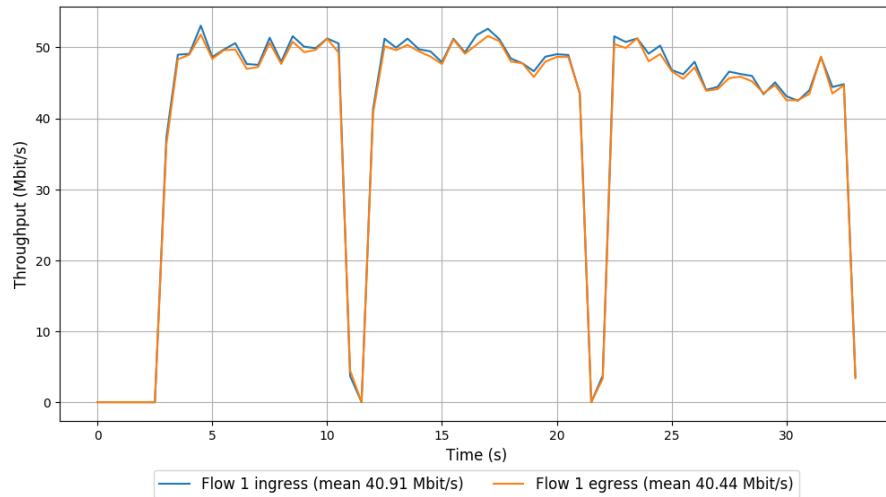


Run 5: Statistics of LEDBAT

```
Start at: Tue, 20 Jun 2017 01:10:24 +0000
End at: Tue, 20 Jun 2017 01:10:54 +0000
Local clock offset: 0.622 ms
Remote clock offset: 1.879 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:58:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 40.44 Mbit/s
95th percentile per-packet one-way delay: 15.012 ms
Loss rate: 1.09%
-- Flow 1:
Average throughput: 40.44 Mbit/s
95th percentile per-packet one-way delay: 15.012 ms
Loss rate: 1.09%
```

## Run 5: Report of LEDBAT — Data Link

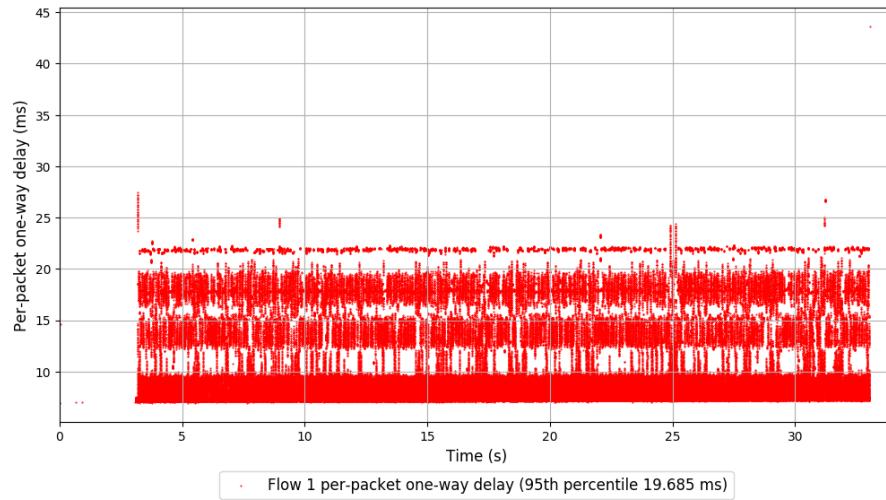
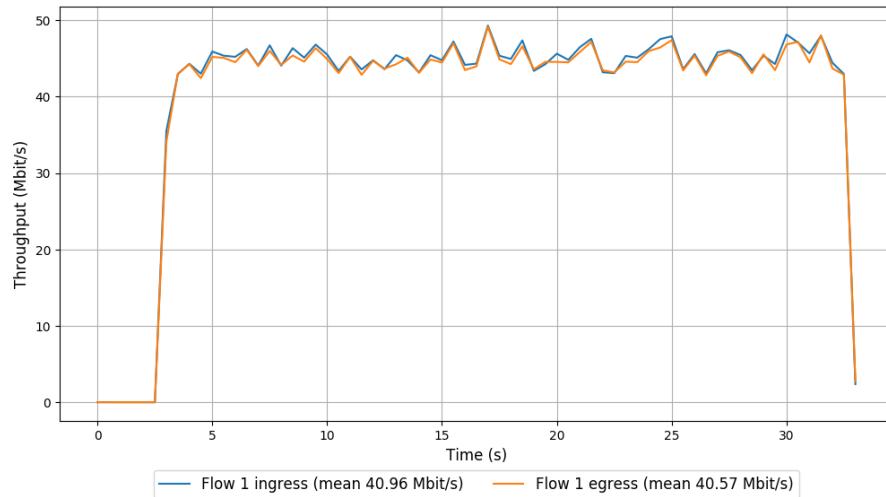


Run 6: Statistics of LEDBAT

```
Start at: Tue, 20 Jun 2017 01:28:34 +0000
End at: Tue, 20 Jun 2017 01:29:04 +0000
Local clock offset: -3.244 ms
Remote clock offset: 1.707 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:59:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 40.57 Mbit/s
95th percentile per-packet one-way delay: 19.685 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 40.57 Mbit/s
95th percentile per-packet one-way delay: 19.685 ms
Loss rate: 0.86%
```

## Run 6: Report of LEDBAT — Data Link

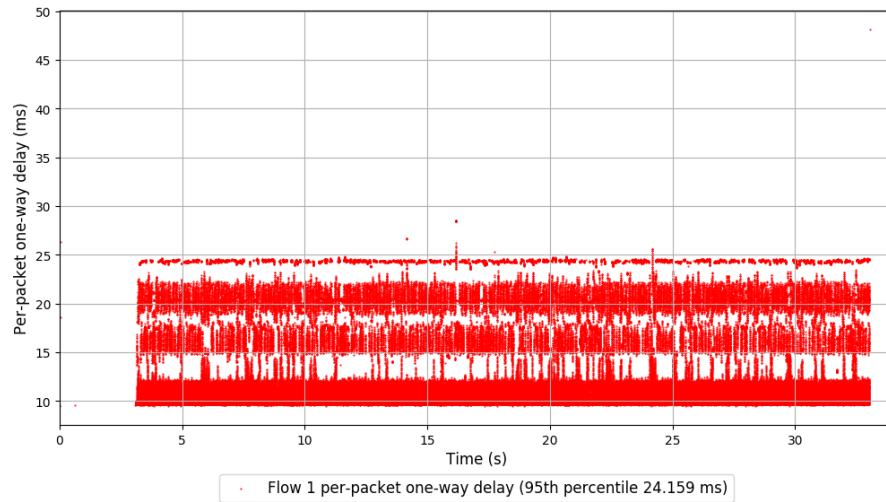
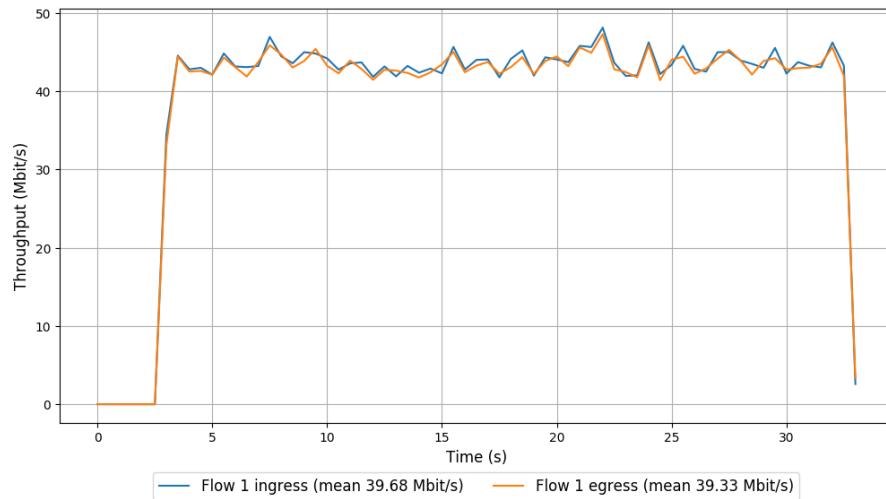


Run 7: Statistics of LEDBAT

```
Start at: Tue, 20 Jun 2017 01:47:03 +0000
End at: Tue, 20 Jun 2017 01:47:33 +0000
Local clock offset: -6.172 ms
Remote clock offset: 1.381 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:59:09 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 39.33 Mbit/s
95th percentile per-packet one-way delay: 24.159 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 39.33 Mbit/s
95th percentile per-packet one-way delay: 24.159 ms
Loss rate: 0.77%
```

## Run 7: Report of LEDBAT — Data Link

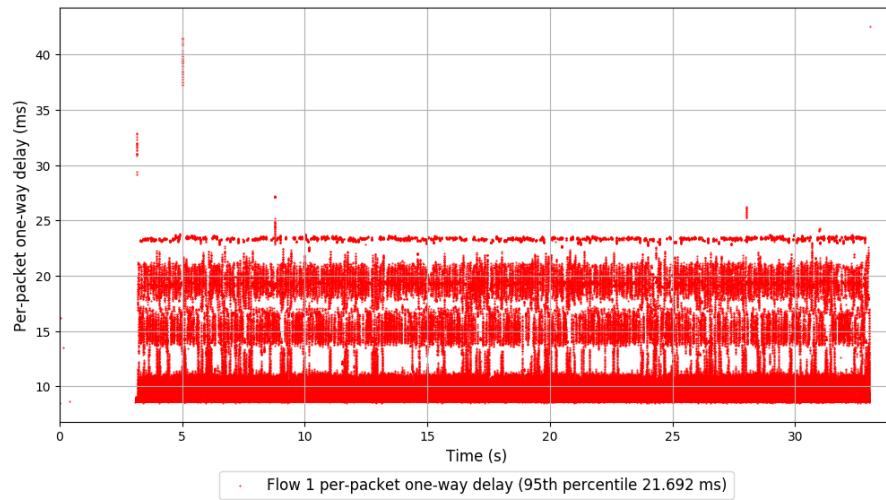
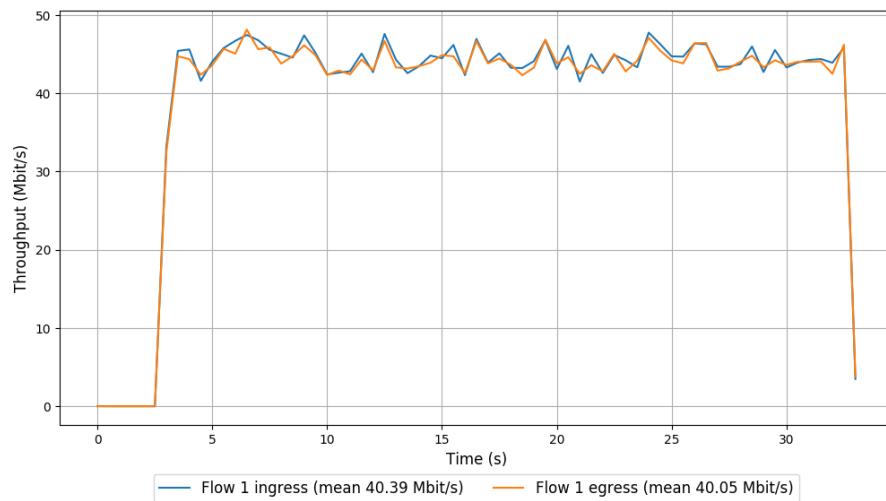


Run 8: Statistics of LEDBAT

```
Start at: Tue, 20 Jun 2017 02:05:32 +0000
End at: Tue, 20 Jun 2017 02:06:02 +0000
Local clock offset: -5.636 ms
Remote clock offset: 0.803 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:59:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 40.05 Mbit/s
95th percentile per-packet one-way delay: 21.692 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 40.05 Mbit/s
95th percentile per-packet one-way delay: 21.692 ms
Loss rate: 0.75%
```

## Run 8: Report of LEDBAT — Data Link

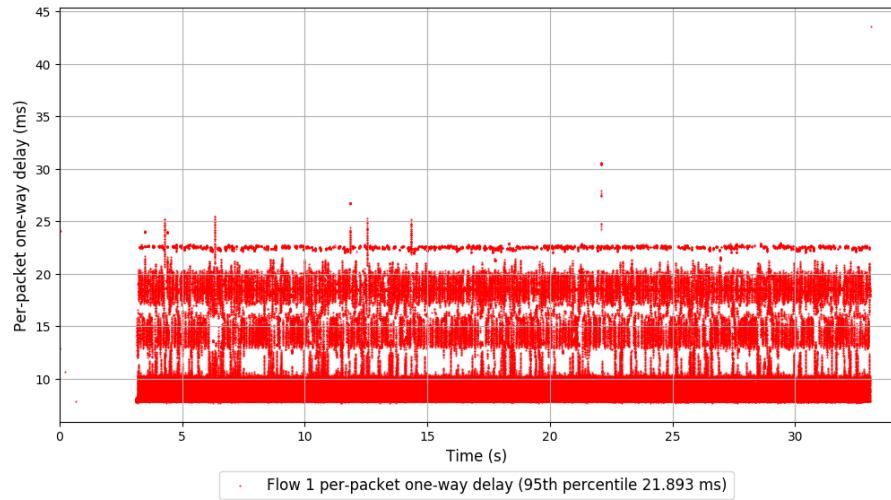
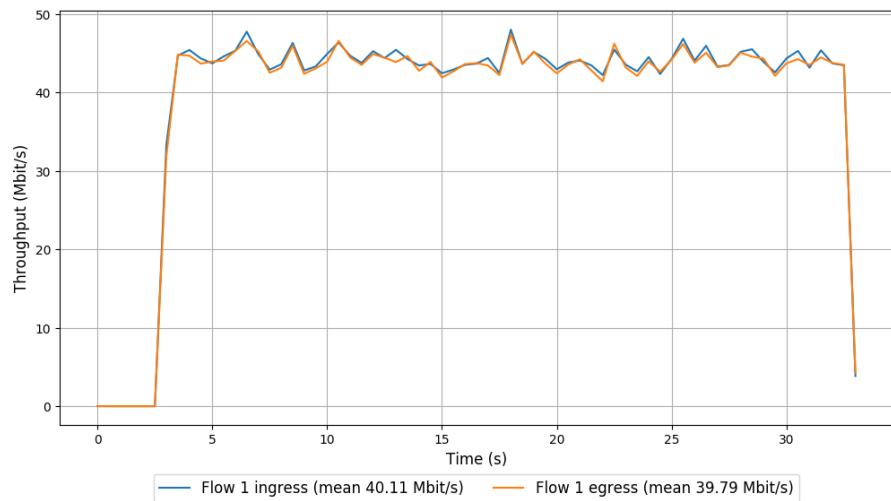


Run 9: Statistics of LEDBAT

```
Start at: Tue, 20 Jun 2017 02:24:05 +0000
End at: Tue, 20 Jun 2017 02:24:35 +0000
Local clock offset: -5.464 ms
Remote clock offset: 0.338 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:59:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 39.79 Mbit/s
95th percentile per-packet one-way delay: 21.893 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 39.79 Mbit/s
95th percentile per-packet one-way delay: 21.893 ms
Loss rate: 0.73%
```

## Run 9: Report of LEDBAT — Data Link

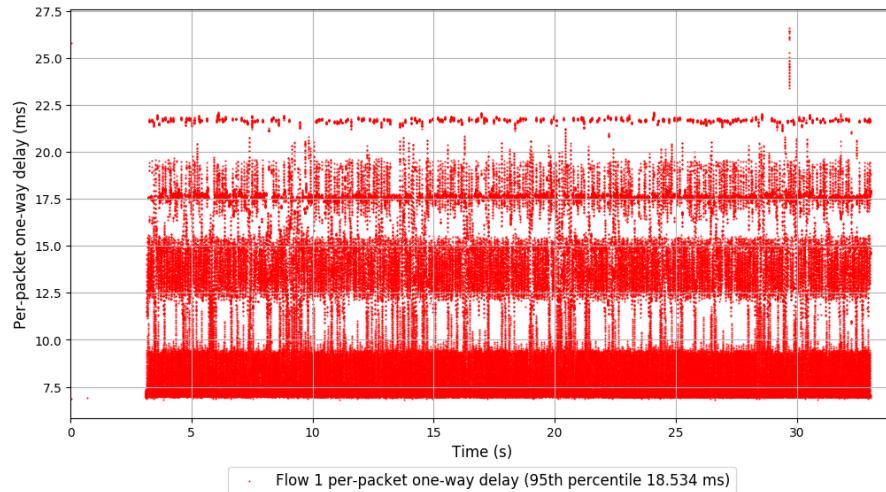
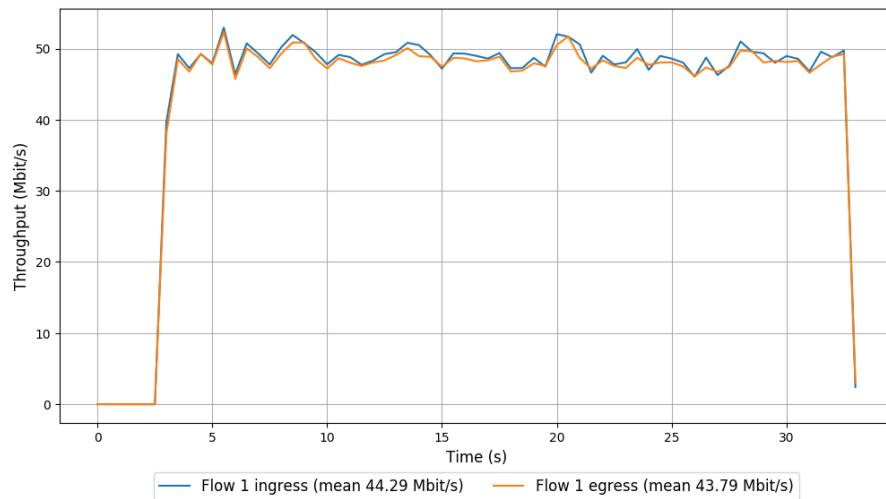


Run 10: Statistics of LEDBAT

```
Start at: Tue, 20 Jun 2017 02:42:56 +0000
End at: Tue, 20 Jun 2017 02:43:26 +0000
Local clock offset: -4.8 ms
Remote clock offset: -0.009 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:59:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 43.79 Mbit/s
95th percentile per-packet one-way delay: 18.534 ms
Loss rate: 1.10%
-- Flow 1:
Average throughput: 43.79 Mbit/s
95th percentile per-packet one-way delay: 18.534 ms
Loss rate: 1.10%
```

## Run 10: Report of LEDBAT — Data Link

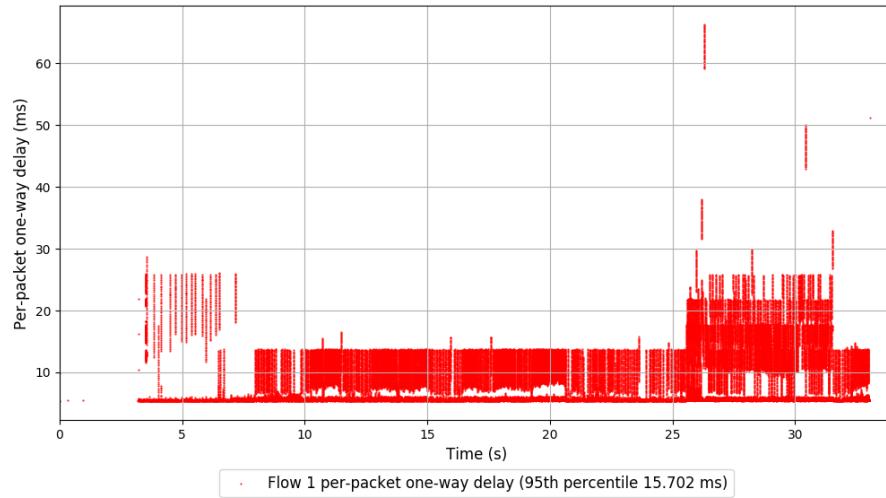
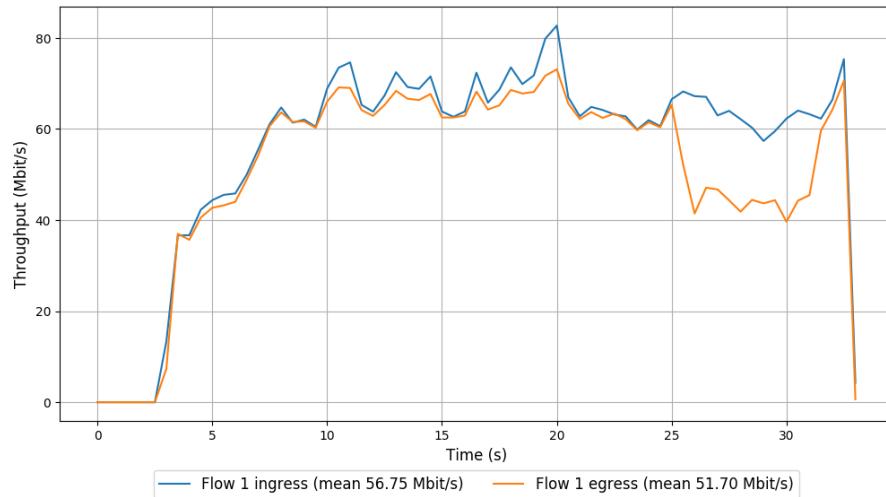


Run 1: Statistics of PCC

```
Start at: Mon, 19 Jun 2017 23:53:56 +0000
End at: Mon, 19 Jun 2017 23:54:26 +0000
Local clock offset: -2.131 ms
Remote clock offset: 1.135 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:00:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 51.70 Mbit/s
95th percentile per-packet one-way delay: 15.702 ms
Loss rate: 8.85%
-- Flow 1:
Average throughput: 51.70 Mbit/s
95th percentile per-packet one-way delay: 15.702 ms
Loss rate: 8.85%
```

## Run 1: Report of PCC — Data Link

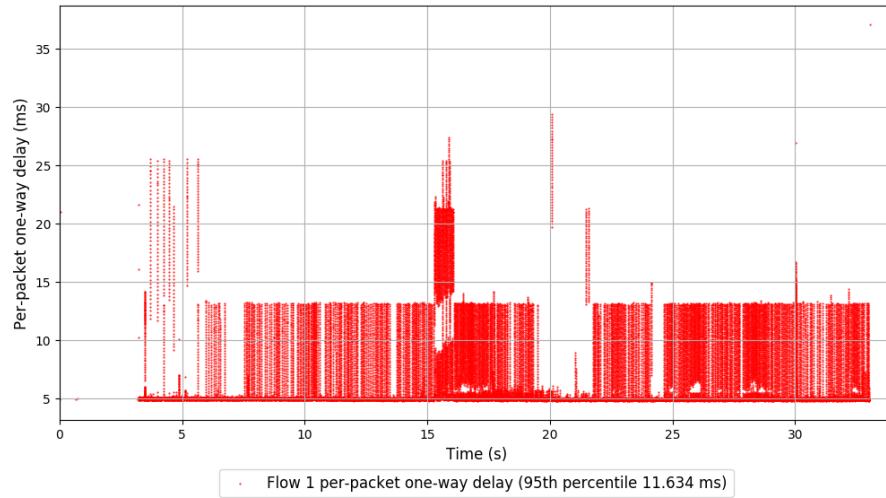
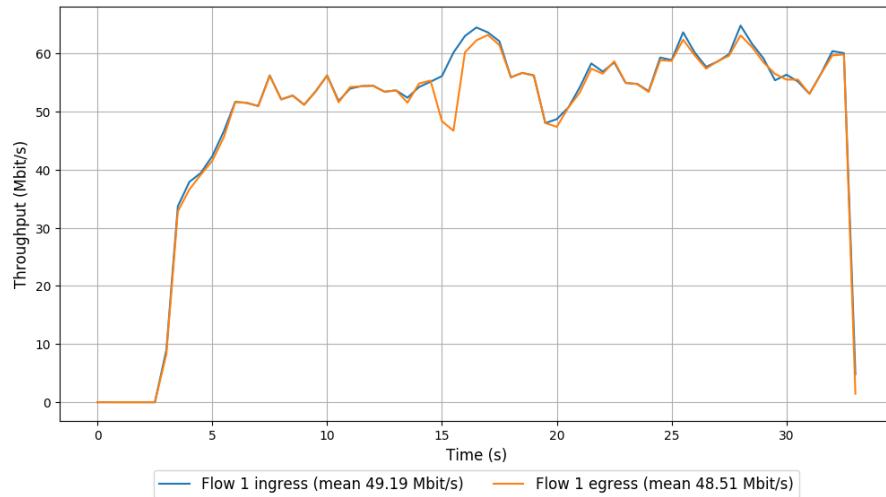


Run 2: Statistics of PCC

```
Start at: Tue, 20 Jun 2017 00:12:46 +0000
End at: Tue, 20 Jun 2017 00:13:16 +0000
Local clock offset: -1.44 ms
Remote clock offset: 1.523 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:00:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 48.51 Mbit/s
95th percentile per-packet one-way delay: 11.634 ms
Loss rate: 1.40%
-- Flow 1:
Average throughput: 48.51 Mbit/s
95th percentile per-packet one-way delay: 11.634 ms
Loss rate: 1.40%
```

## Run 2: Report of PCC — Data Link

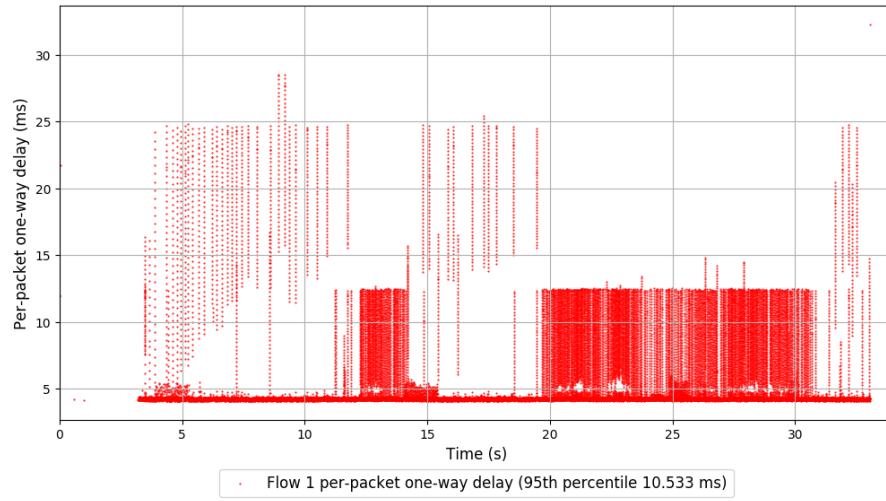
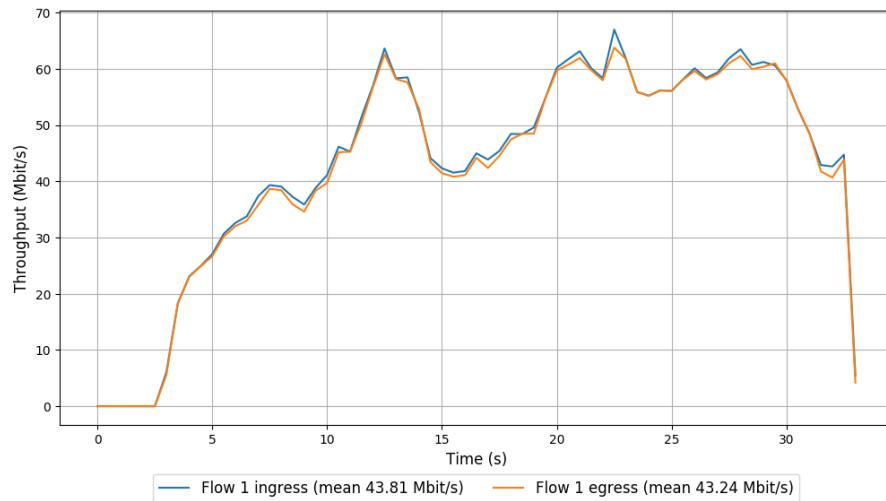


Run 3: Statistics of PCC

```
Start at: Tue, 20 Jun 2017 00:31:11 +0000
End at: Tue, 20 Jun 2017 00:31:41 +0000
Local clock offset: -0.39 ms
Remote clock offset: 1.649 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:00:38 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 43.24 Mbit/s
95th percentile per-packet one-way delay: 10.533 ms
Loss rate: 1.34%
-- Flow 1:
Average throughput: 43.24 Mbit/s
95th percentile per-packet one-way delay: 10.533 ms
Loss rate: 1.34%
```

### Run 3: Report of PCC — Data Link

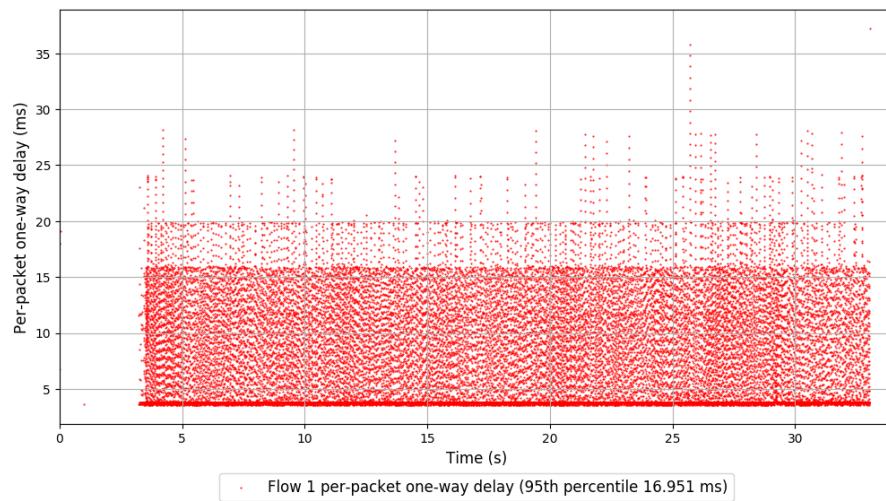
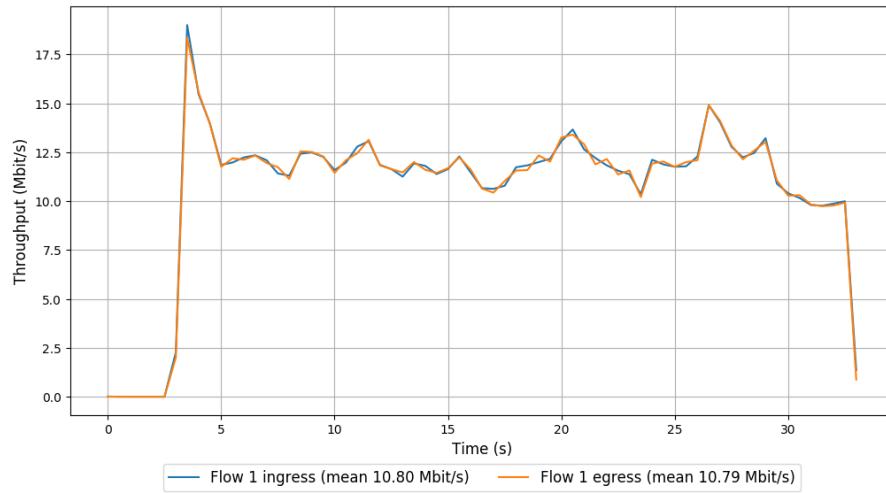


Run 4: Statistics of PCC

```
Start at: Tue, 20 Jun 2017 00:49:33 +0000
End at: Tue, 20 Jun 2017 00:50:03 +0000
Local clock offset: 0.152 ms
Remote clock offset: 1.821 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:00:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.79 Mbit/s
95th percentile per-packet one-way delay: 16.951 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 10.79 Mbit/s
95th percentile per-packet one-way delay: 16.951 ms
Loss rate: 0.19%
```

### Run 4: Report of PCC — Data Link

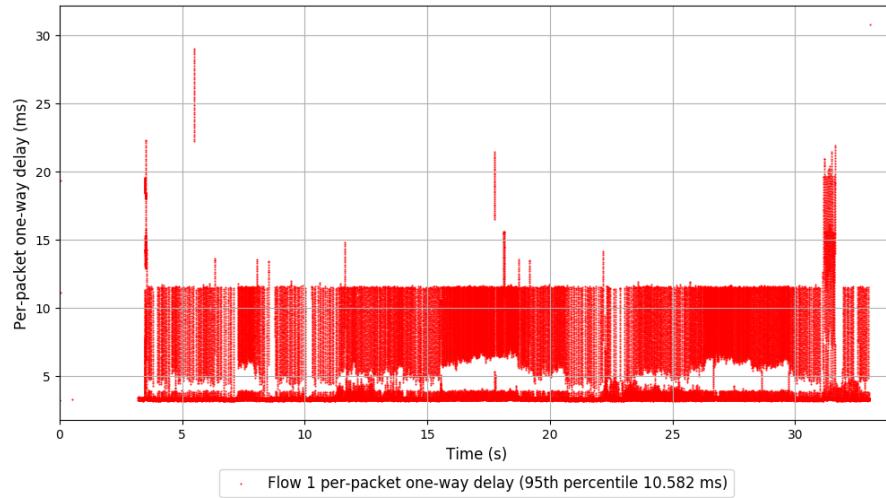
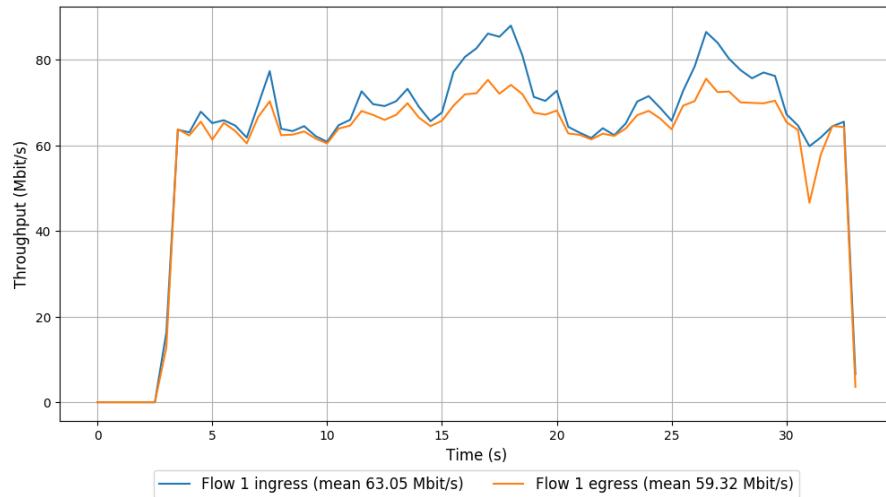


Run 5: Statistics of PCC

```
Start at: Tue, 20 Jun 2017 01:07:40 +0000
End at: Tue, 20 Jun 2017 01:08:10 +0000
Local clock offset: 0.629 ms
Remote clock offset: 1.924 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:01:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 59.32 Mbit/s
95th percentile per-packet one-way delay: 10.582 ms
Loss rate: 5.91%
-- Flow 1:
Average throughput: 59.32 Mbit/s
95th percentile per-packet one-way delay: 10.582 ms
Loss rate: 5.91%
```

## Run 5: Report of PCC — Data Link

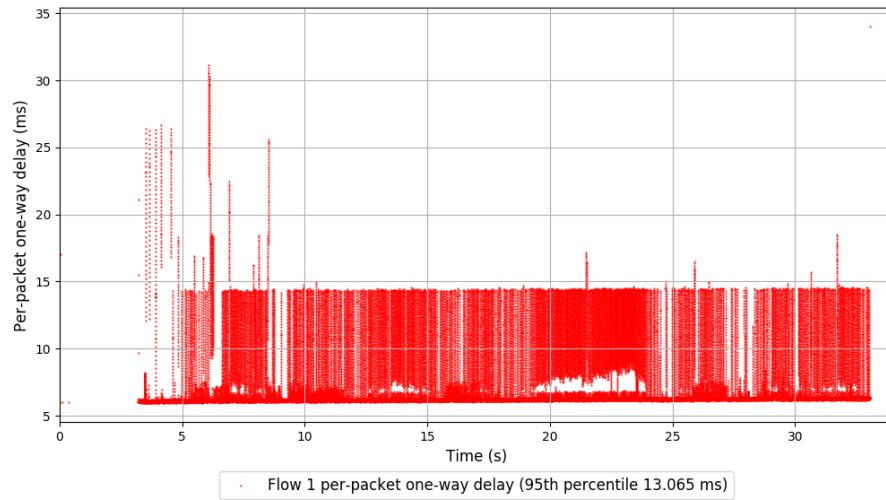
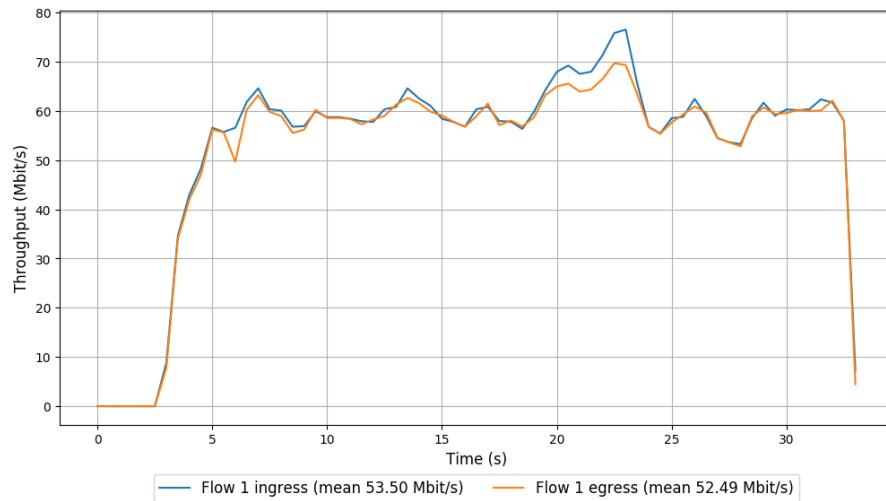


Run 6: Statistics of PCC

```
Start at: Tue, 20 Jun 2017 01:25:55 +0000
End at: Tue, 20 Jun 2017 01:26:25 +0000
Local clock offset: -2.156 ms
Remote clock offset: 1.674 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:01:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 52.49 Mbit/s
95th percentile per-packet one-way delay: 13.065 ms
Loss rate: 1.90%
-- Flow 1:
Average throughput: 52.49 Mbit/s
95th percentile per-packet one-way delay: 13.065 ms
Loss rate: 1.90%
```

## Run 6: Report of PCC — Data Link

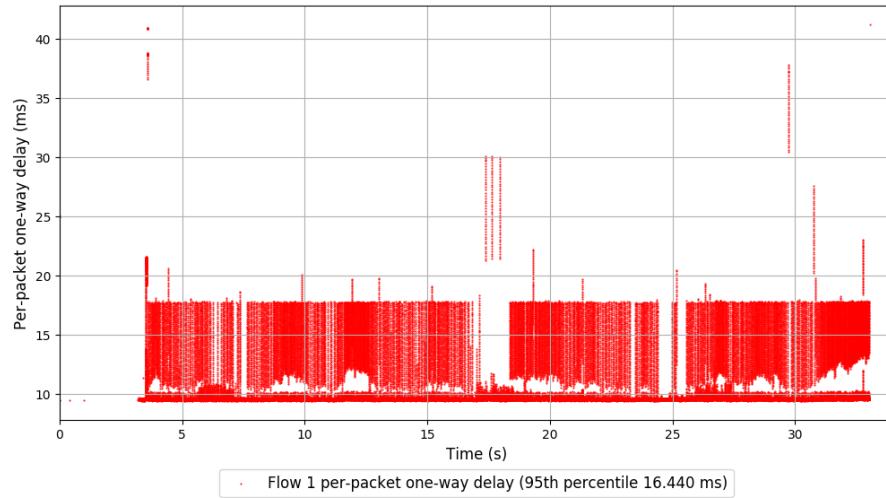
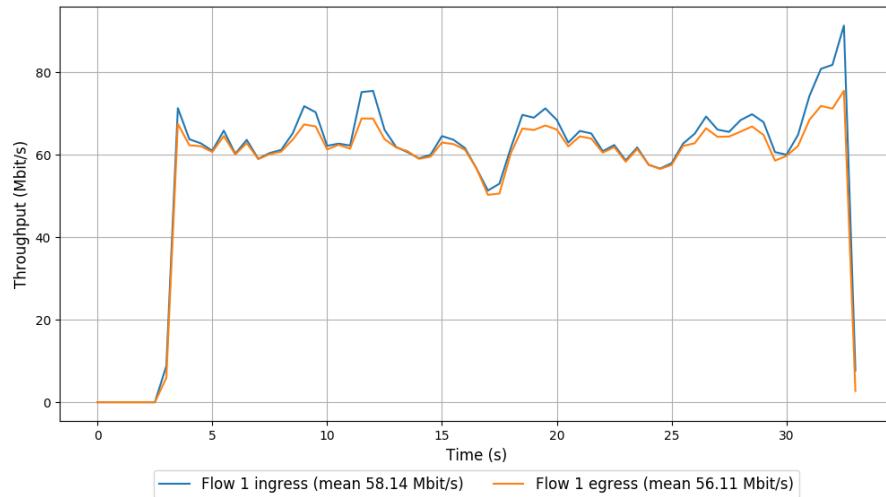


Run 7: Statistics of PCC

```
Start at: Tue, 20 Jun 2017 01:44:18 +0000
End at: Tue, 20 Jun 2017 01:44:48 +0000
Local clock offset: -6.075 ms
Remote clock offset: 1.48 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:01:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 56.11 Mbit/s
95th percentile per-packet one-way delay: 16.440 ms
Loss rate: 3.48%
-- Flow 1:
Average throughput: 56.11 Mbit/s
95th percentile per-packet one-way delay: 16.440 ms
Loss rate: 3.48%
```

### Run 7: Report of PCC — Data Link

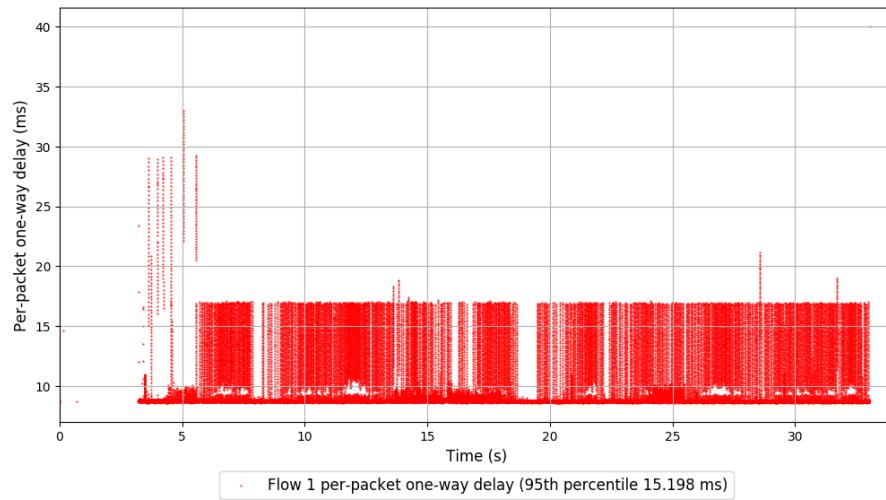
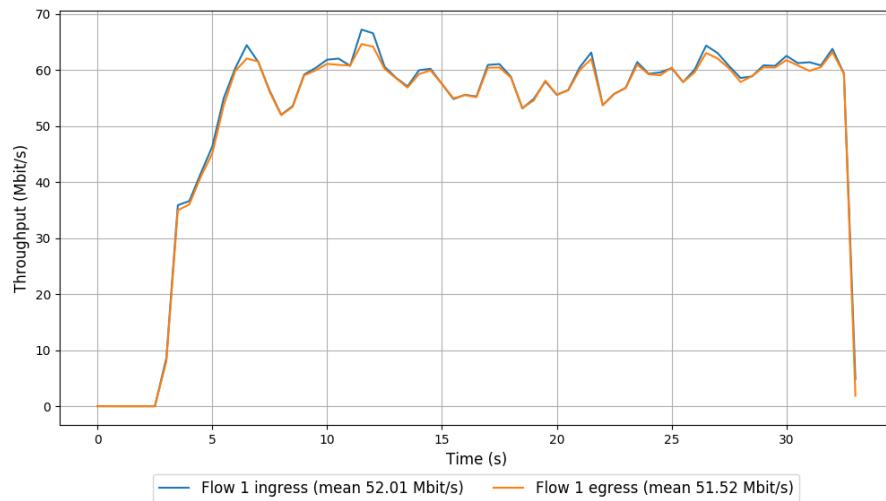


Run 8: Statistics of PCC

```
Start at: Tue, 20 Jun 2017 02:02:48 +0000
End at: Tue, 20 Jun 2017 02:03:18 +0000
Local clock offset: -5.705 ms
Remote clock offset: 0.986 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:01:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 51.52 Mbit/s
95th percentile per-packet one-way delay: 15.198 ms
Loss rate: 0.95%
-- Flow 1:
Average throughput: 51.52 Mbit/s
95th percentile per-packet one-way delay: 15.198 ms
Loss rate: 0.95%
```

### Run 8: Report of PCC — Data Link

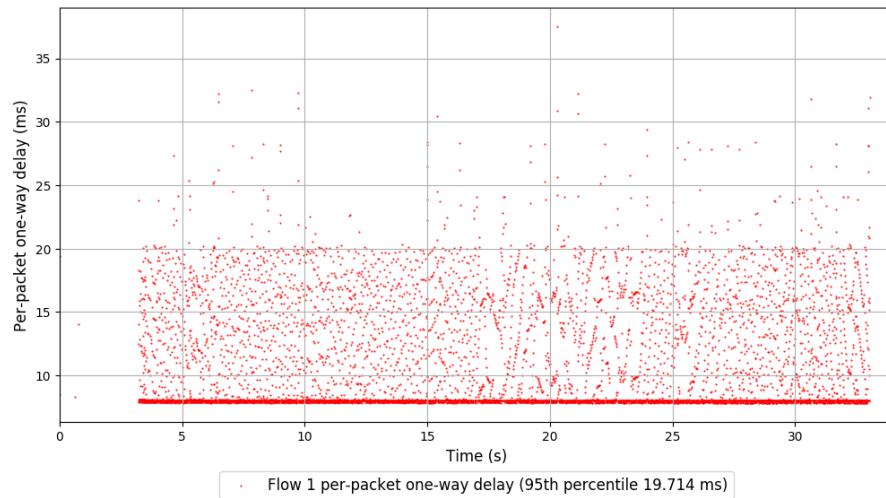
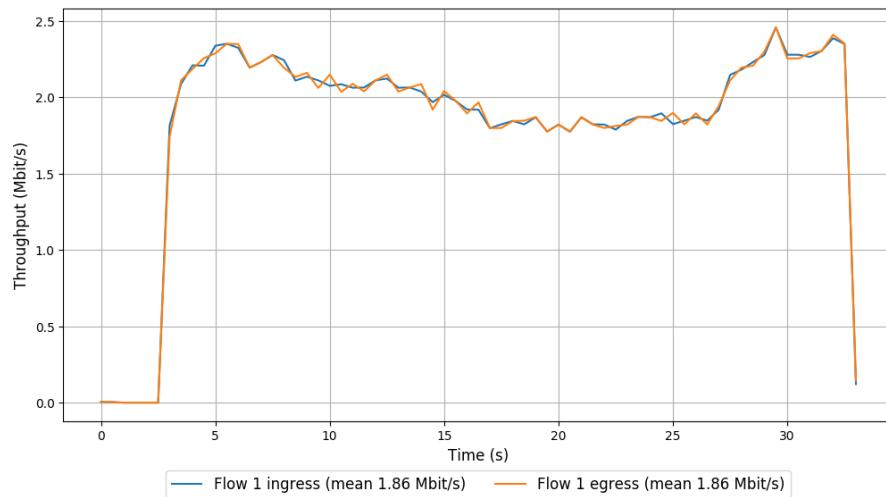


Run 9: Statistics of PCC

```
Start at: Tue, 20 Jun 2017 02:21:33 +0000
End at: Tue, 20 Jun 2017 02:22:03 +0000
Local clock offset: -5.514 ms
Remote clock offset: 0.316 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:01:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.86 Mbit/s
95th percentile per-packet one-way delay: 19.714 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 1.86 Mbit/s
95th percentile per-packet one-way delay: 19.714 ms
Loss rate: 0.02%
```

## Run 9: Report of PCC — Data Link

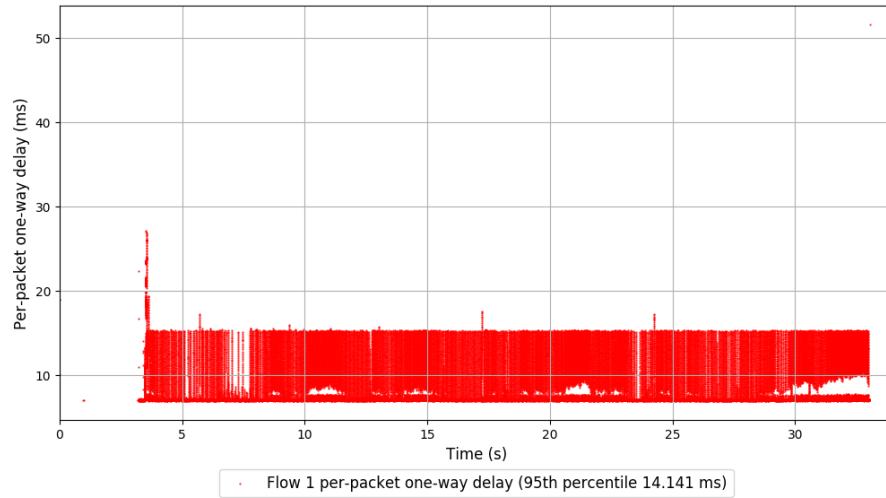
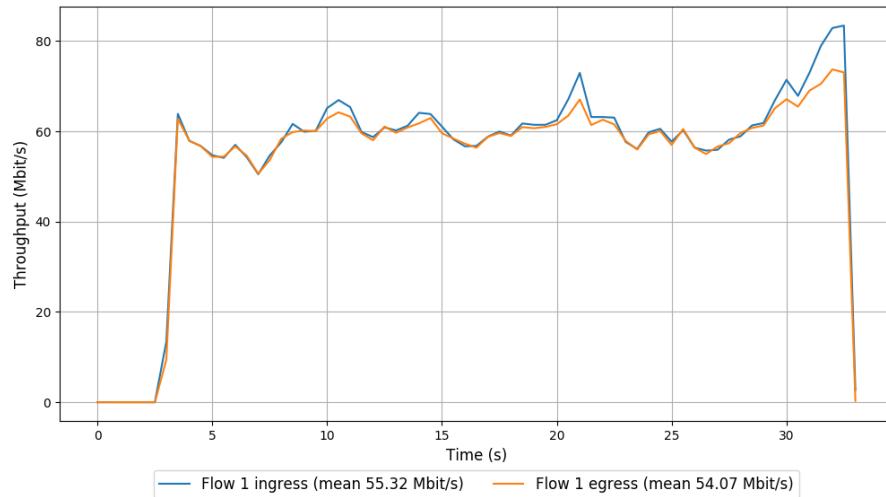


Run 10: Statistics of PCC

```
Start at: Tue, 20 Jun 2017 02:40:20 +0000
End at: Tue, 20 Jun 2017 02:40:50 +0000
Local clock offset: -4.898 ms
Remote clock offset: 0.015 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:02:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 54.07 Mbit/s
95th percentile per-packet one-way delay: 14.141 ms
Loss rate: 2.24%
-- Flow 1:
Average throughput: 54.07 Mbit/s
95th percentile per-packet one-way delay: 14.141 ms
Loss rate: 2.24%
```

## Run 10: Report of PCC — Data Link



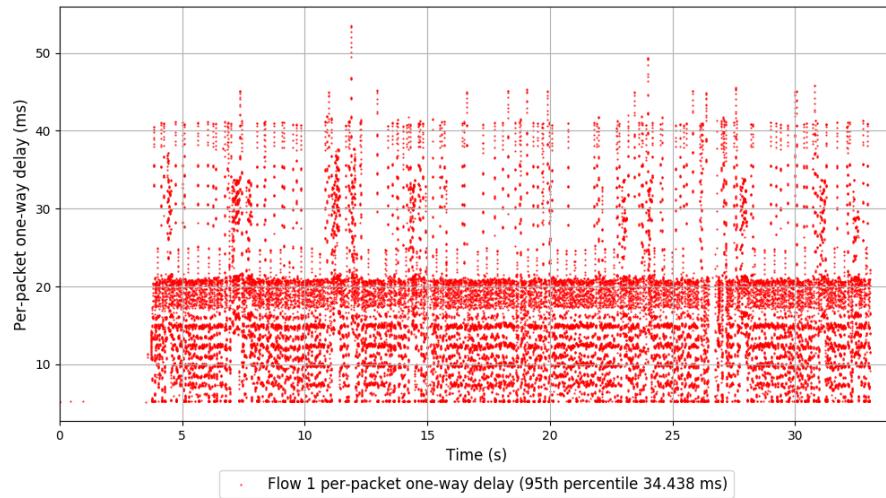
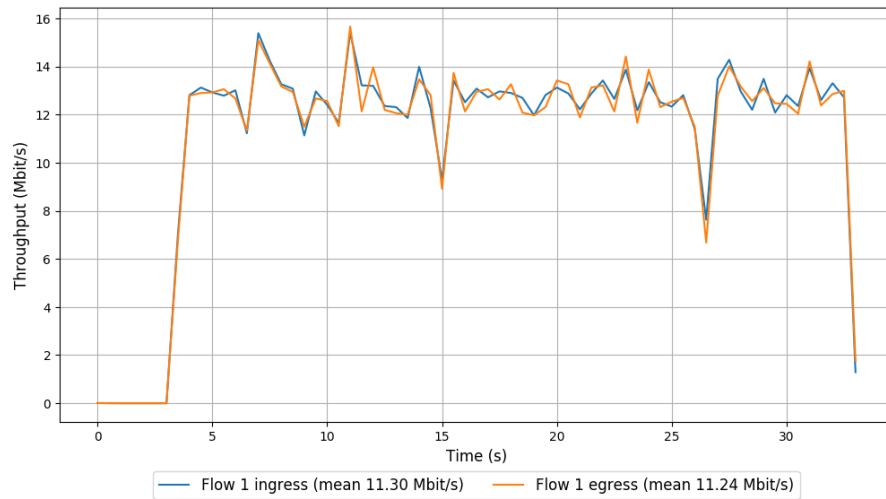
```
Run 1: Statistics of QUIC Cubic (toy)
```

```
Start at: Tue, 20 Jun 2017 00:10:17 +0000  
End at: Tue, 20 Jun 2017 00:10:47 +0000
```

```
Local clock offset: -1.604 ms  
Remote clock offset: 1.516 ms
```

```
# Below is generated by plot.py at Tue, 20 Jun 2017 06:02:17 +0000  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 11.24 Mbit/s  
95th percentile per-packet one-way delay: 34.438 ms  
Loss rate: 0.53%  
-- Flow 1:  
Average throughput: 11.24 Mbit/s  
95th percentile per-packet one-way delay: 34.438 ms  
Loss rate: 0.53%
```

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

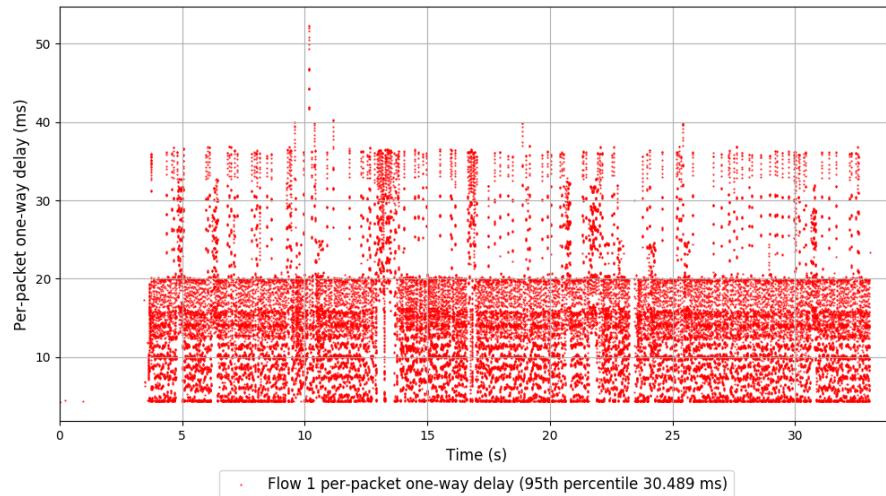
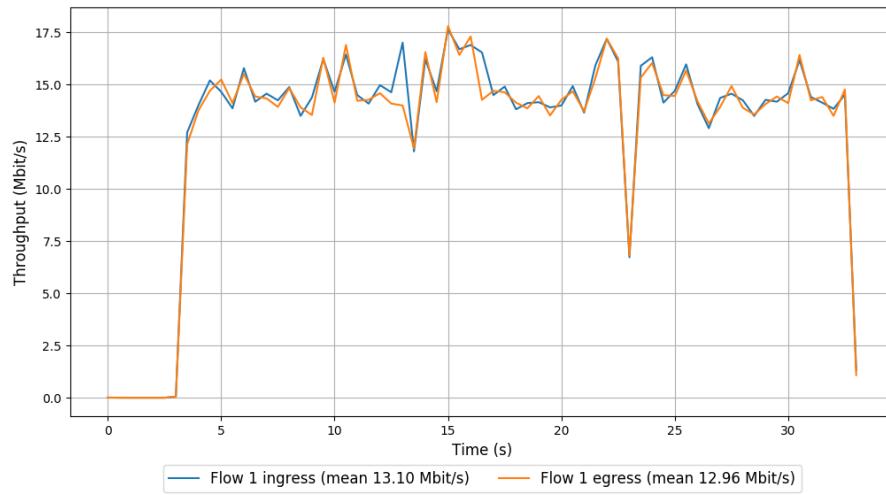


Run 2: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 20 Jun 2017 00:28:51 +0000
End at: Tue, 20 Jun 2017 00:29:21 +0000
Local clock offset: -0.545 ms
Remote clock offset: 1.73 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:02:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.96 Mbit/s
95th percentile per-packet one-way delay: 30.489 ms
Loss rate: 1.08%
-- Flow 1:
Average throughput: 12.96 Mbit/s
95th percentile per-packet one-way delay: 30.489 ms
Loss rate: 1.08%
```

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

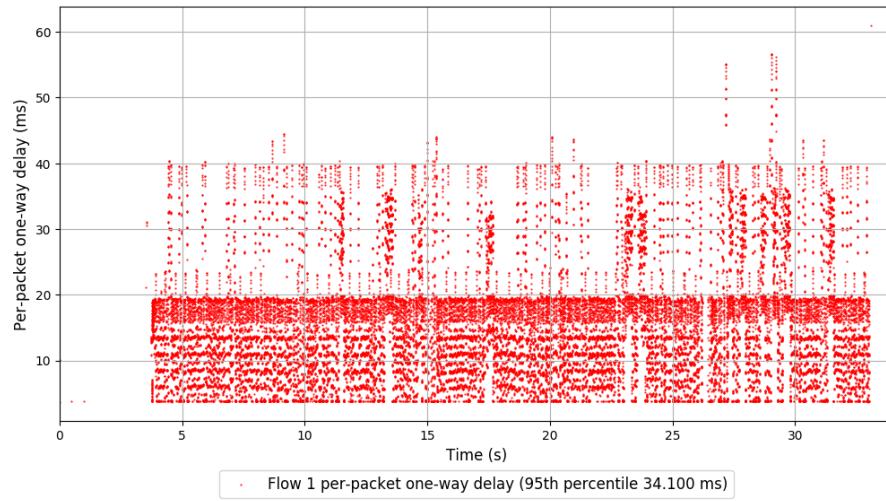
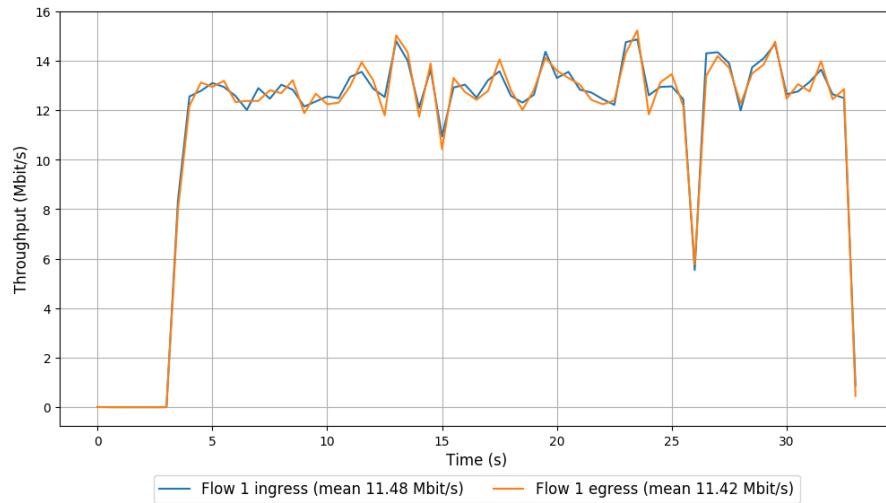


Run 3: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 20 Jun 2017 00:47:05 +0000
End at: Tue, 20 Jun 2017 00:47:35 +0000
Local clock offset: 0.08 ms
Remote clock offset: 1.734 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:02:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.42 Mbit/s
95th percentile per-packet one-way delay: 34.100 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 11.42 Mbit/s
95th percentile per-packet one-way delay: 34.100 ms
Loss rate: 0.42%
```

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

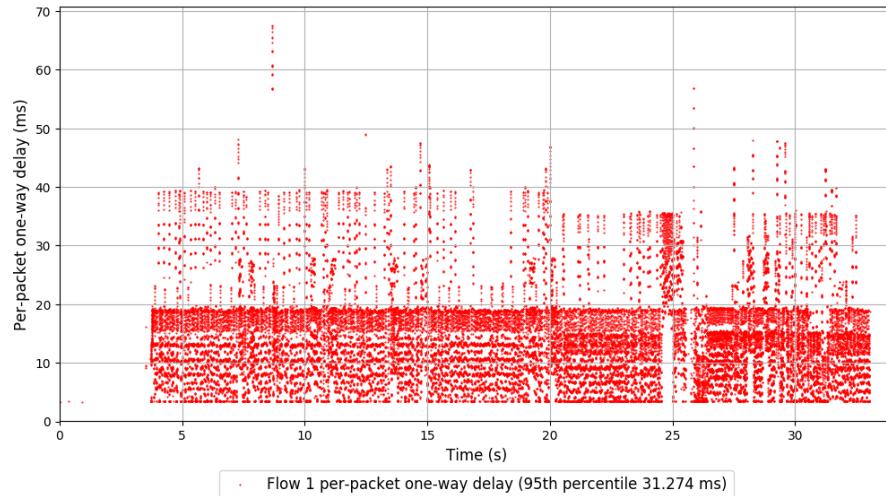
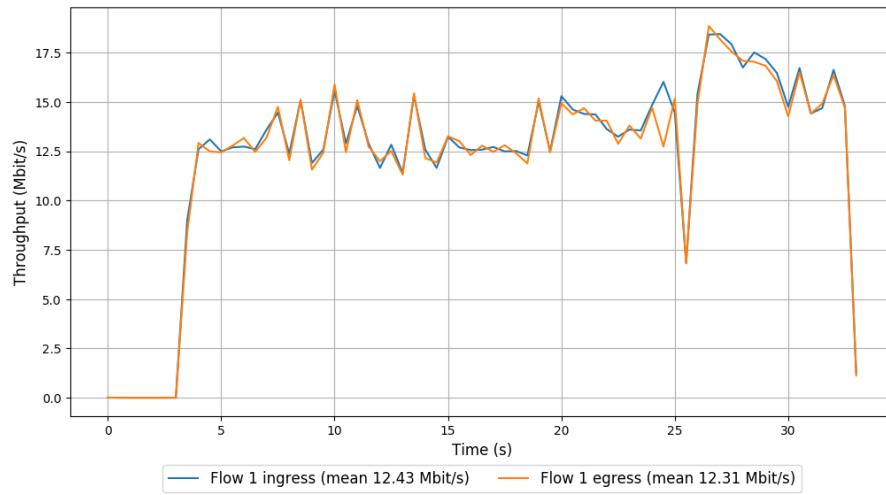


Run 4: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 20 Jun 2017 01:05:28 +0000
End at: Tue, 20 Jun 2017 01:05:58 +0000
Local clock offset: 0.601 ms
Remote clock offset: 1.854 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:02:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.31 Mbit/s
95th percentile per-packet one-way delay: 31.274 ms
Loss rate: 0.94%
-- Flow 1:
Average throughput: 12.31 Mbit/s
95th percentile per-packet one-way delay: 31.274 ms
Loss rate: 0.94%
```

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

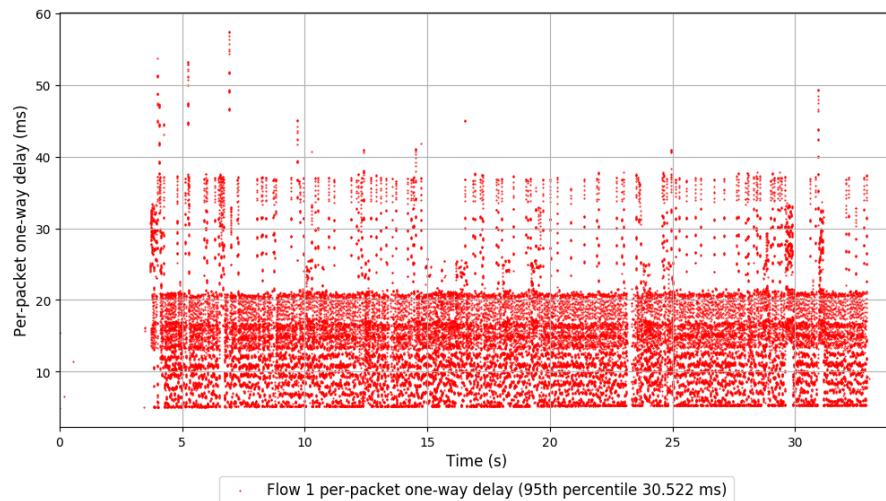
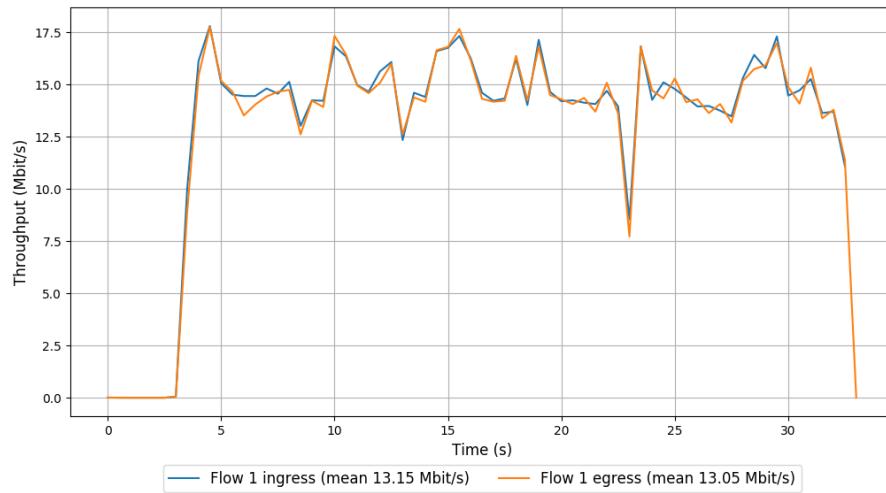


Run 5: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 20 Jun 2017 01:23:42 +0000
End at: Tue, 20 Jun 2017 01:24:12 +0000
Local clock offset: -1.087 ms
Remote clock offset: 1.725 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:02:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.05 Mbit/s
95th percentile per-packet one-way delay: 30.522 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 13.05 Mbit/s
95th percentile per-packet one-way delay: 30.522 ms
Loss rate: 0.75%
```

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

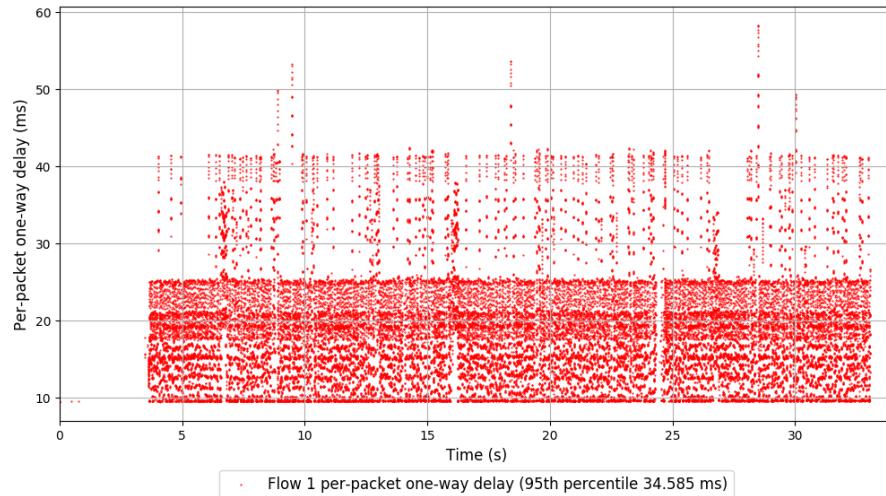
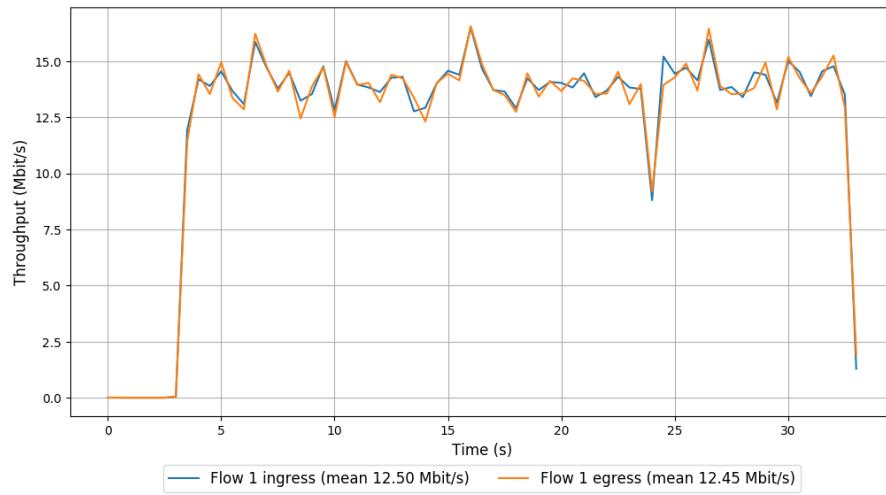


Run 6: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 20 Jun 2017 01:41:50 +0000
End at: Tue, 20 Jun 2017 01:42:20 +0000
Local clock offset: -5.872 ms
Remote clock offset: 1.513 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:02:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.45 Mbit/s
95th percentile per-packet one-way delay: 34.585 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 12.45 Mbit/s
95th percentile per-packet one-way delay: 34.585 ms
Loss rate: 0.41%
```

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

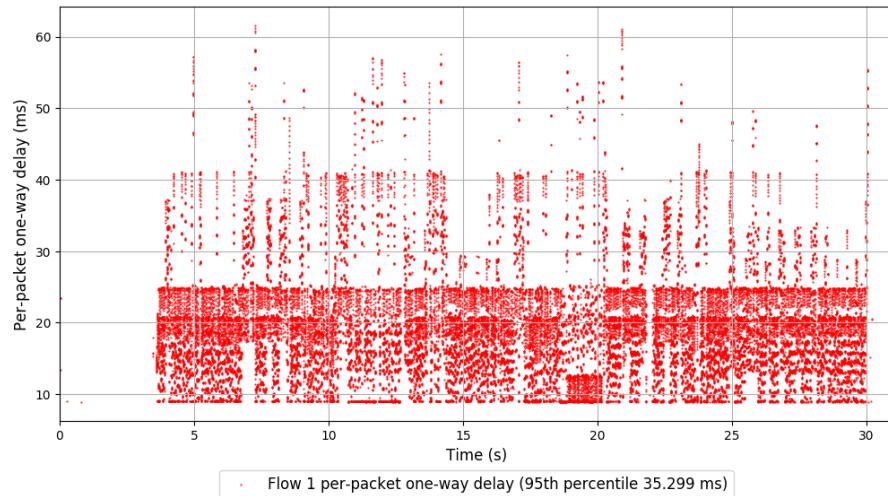
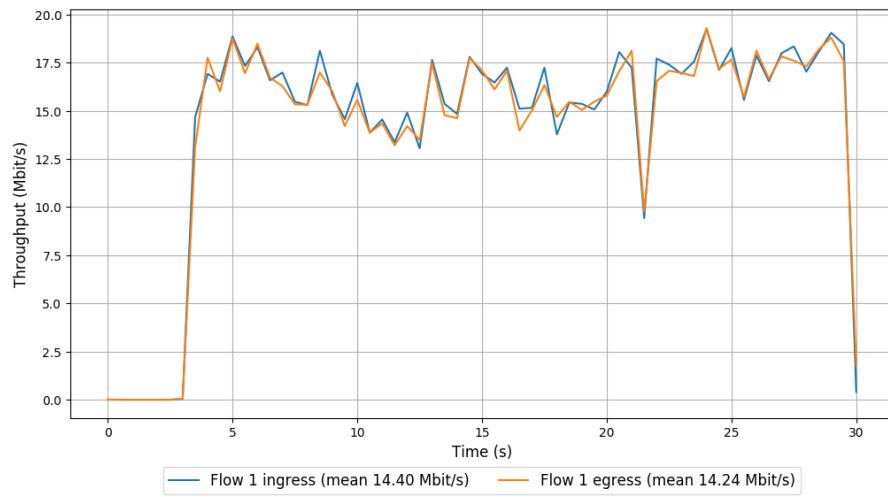


Run 7: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 20 Jun 2017 02:00:18 +0000
End at: Tue, 20 Jun 2017 02:00:48 +0000
Local clock offset: -5.781 ms
Remote clock offset: 1.0 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:02:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.24 Mbit/s
95th percentile per-packet one-way delay: 35.299 ms
Loss rate: 1.15%
-- Flow 1:
Average throughput: 14.24 Mbit/s
95th percentile per-packet one-way delay: 35.299 ms
Loss rate: 1.15%
```

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

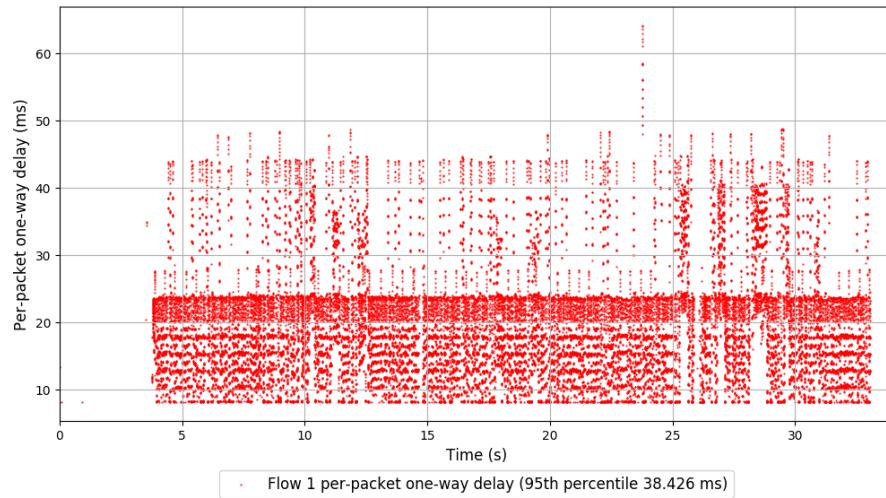
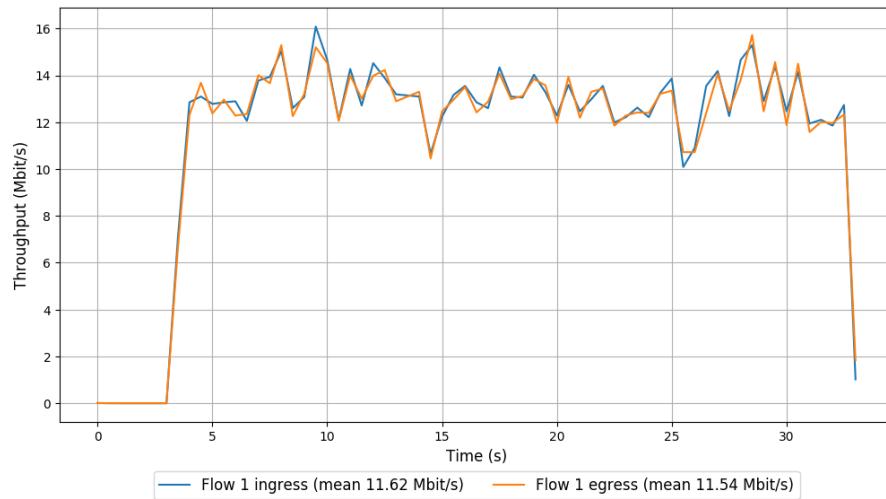


Run 8: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 20 Jun 2017 02:19:15 +0000
End at: Tue, 20 Jun 2017 02:19:45 +0000
Local clock offset: -6.391 ms
Remote clock offset: 0.421 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:02:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.54 Mbit/s
95th percentile per-packet one-way delay: 38.426 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 11.54 Mbit/s
95th percentile per-packet one-way delay: 38.426 ms
Loss rate: 0.66%
```

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

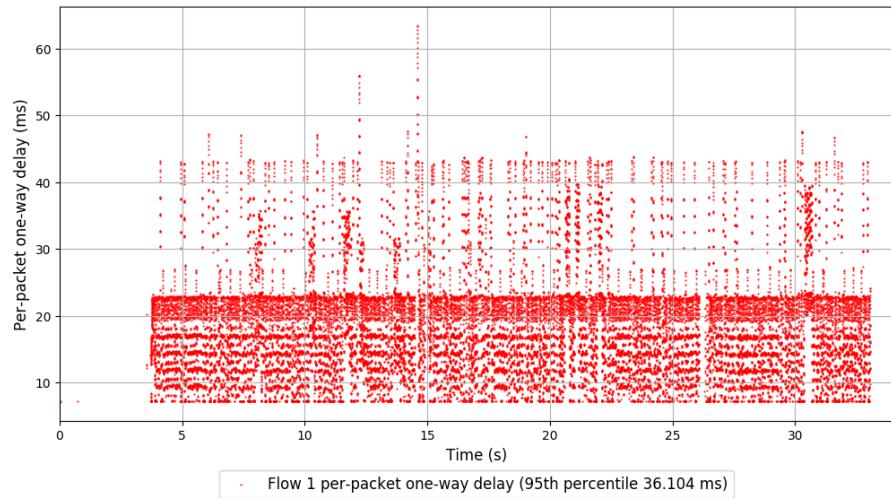
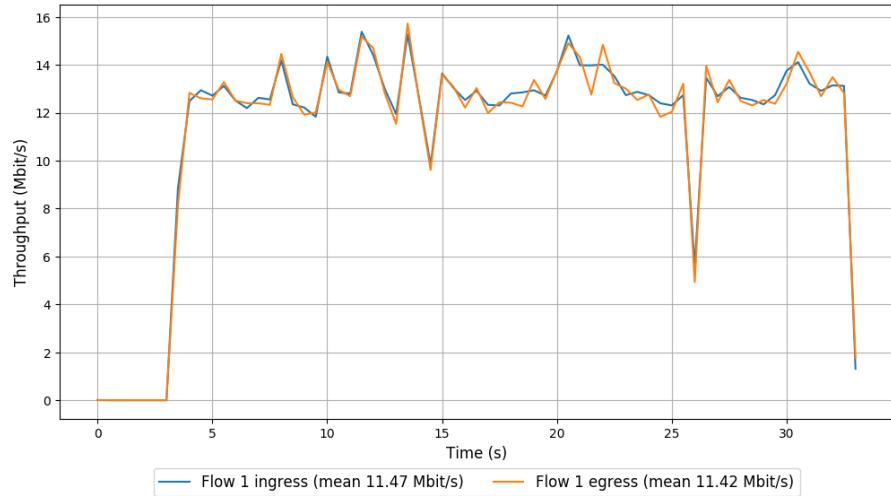


Run 9: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 20 Jun 2017 02:37:49 +0000
End at: Tue, 20 Jun 2017 02:38:19 +0000
Local clock offset: -5.051 ms
Remote clock offset: 0.138 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:02:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.42 Mbit/s
95th percentile per-packet one-way delay: 36.104 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 11.42 Mbit/s
95th percentile per-packet one-way delay: 36.104 ms
Loss rate: 0.43%
```

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

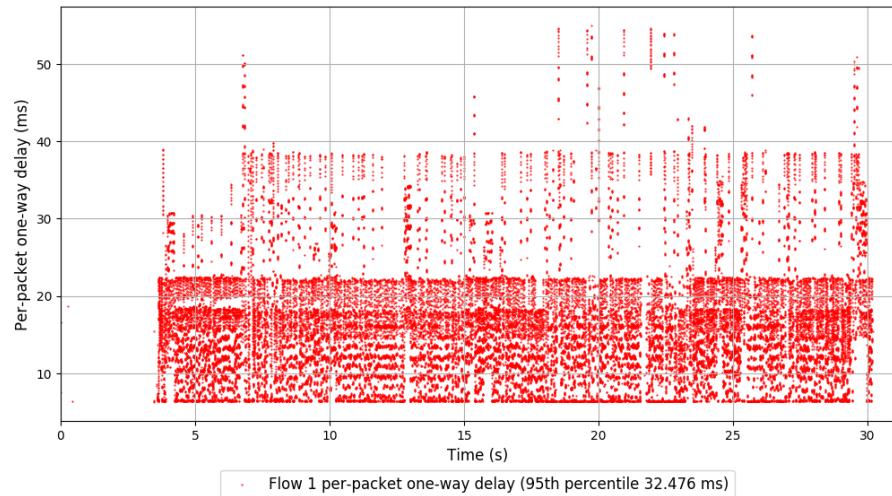
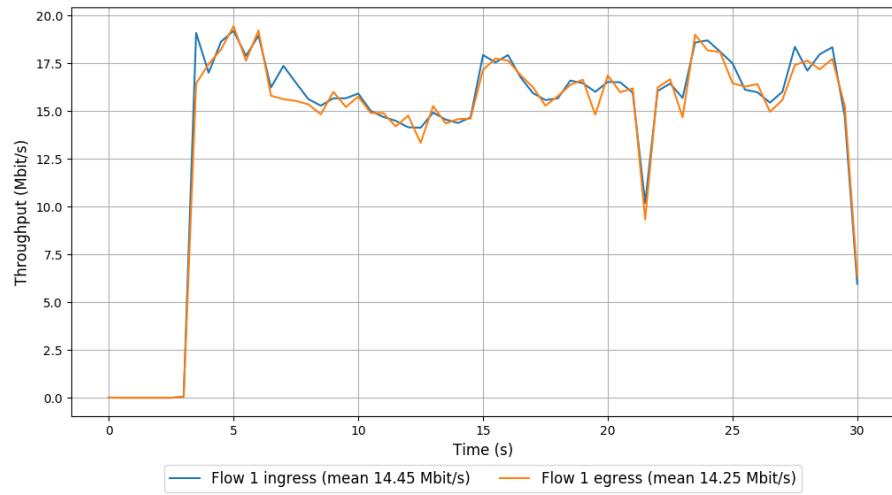


Run 10: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 20 Jun 2017 02:56:12 +0000
End at: Tue, 20 Jun 2017 02:56:42 +0000
Local clock offset: -4.445 ms
Remote clock offset: -0.089 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:03:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.25 Mbit/s
95th percentile per-packet one-way delay: 32.476 ms
Loss rate: 1.40%
-- Flow 1:
Average throughput: 14.25 Mbit/s
95th percentile per-packet one-way delay: 32.476 ms
Loss rate: 1.40%
```

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



Run 1: Statistics of Saturator

Start at: Mon, 19 Jun 2017 23:57:55 +0000

End at: Mon, 19 Jun 2017 23:58:25 +0000

Local clock offset: -2.051 ms

Remote clock offset: 1.32 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:03:12 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 31.69 Mbit/s

95th percentile per-packet one-way delay: 26.967 ms

Loss rate: 46.28%

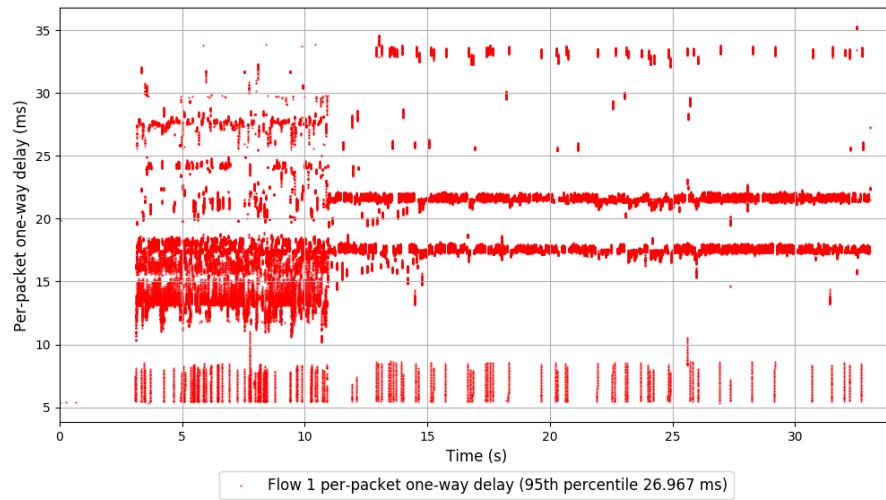
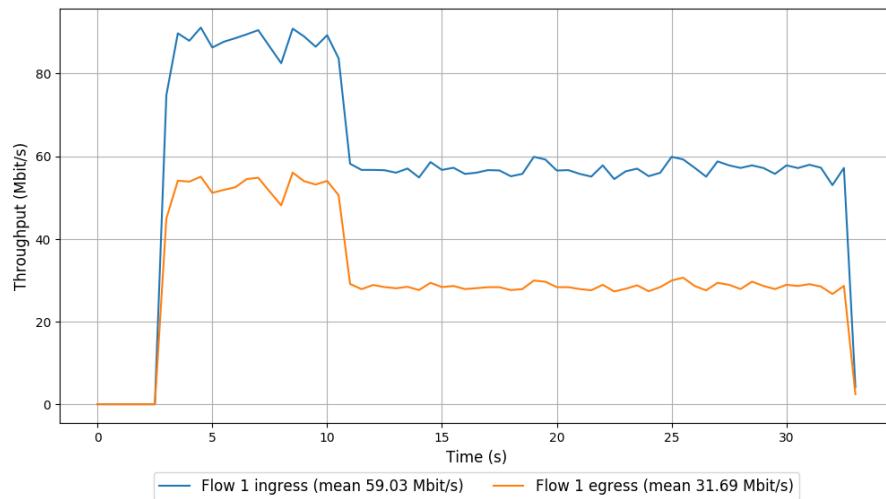
-- Flow 1:

Average throughput: 31.69 Mbit/s

95th percentile per-packet one-way delay: 26.967 ms

Loss rate: 46.28%

Run 1: Report of Saturator — Data Link

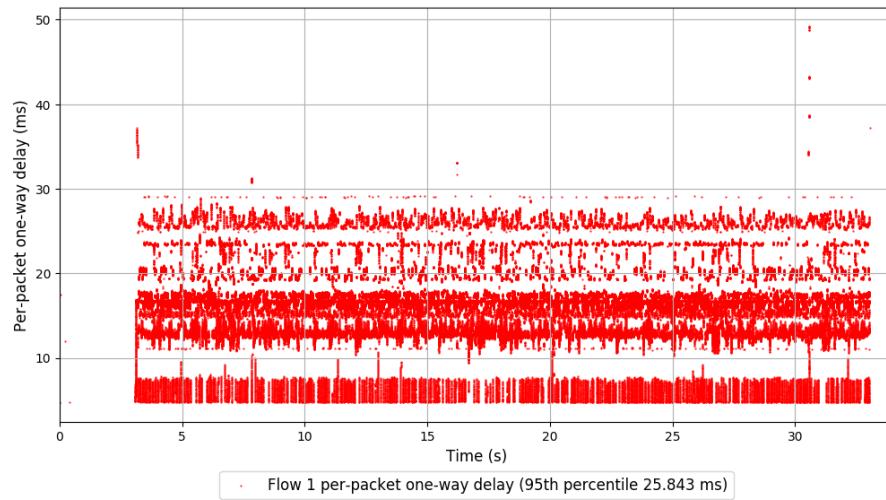
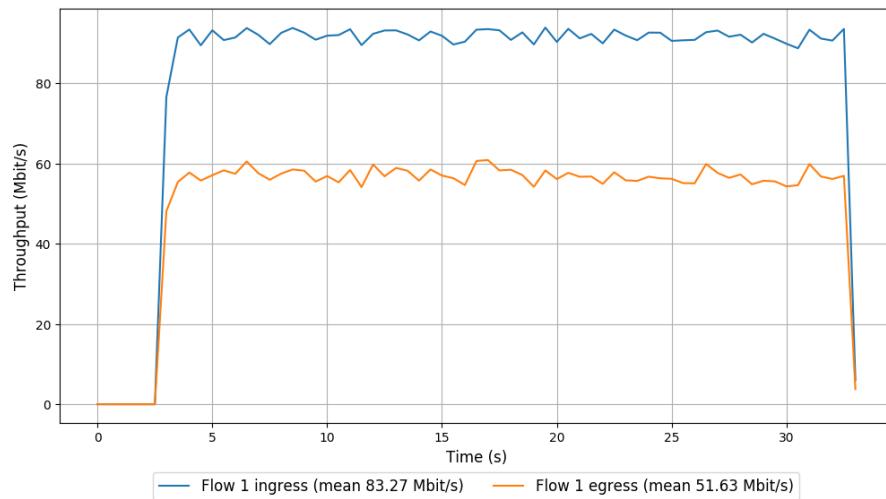


Run 2: Statistics of Saturator

```
Start at: Tue, 20 Jun 2017 00:16:48 +0000
End at: Tue, 20 Jun 2017 00:17:18 +0000
Local clock offset: -1.118 ms
Remote clock offset: 1.63 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:03:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 51.63 Mbit/s
95th percentile per-packet one-way delay: 25.843 ms
Loss rate: 37.94%
-- Flow 1:
Average throughput: 51.63 Mbit/s
95th percentile per-packet one-way delay: 25.843 ms
Loss rate: 37.94%
```

Run 2: Report of Saturator — Data Link

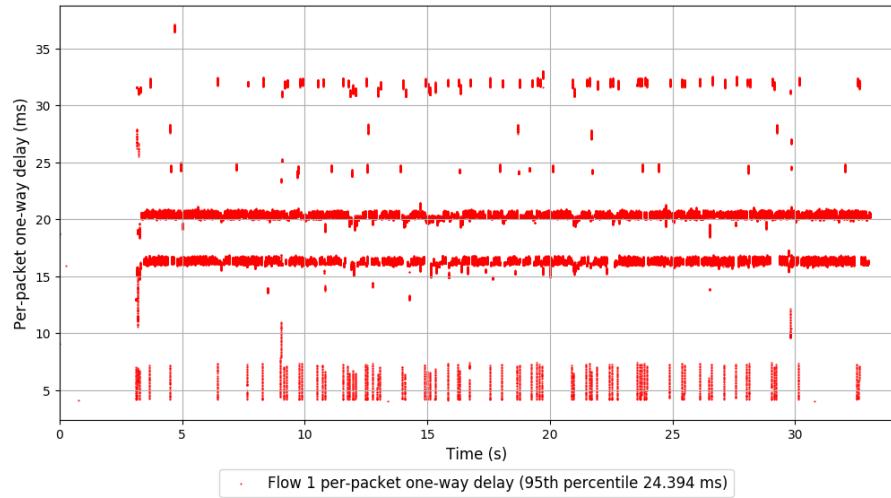
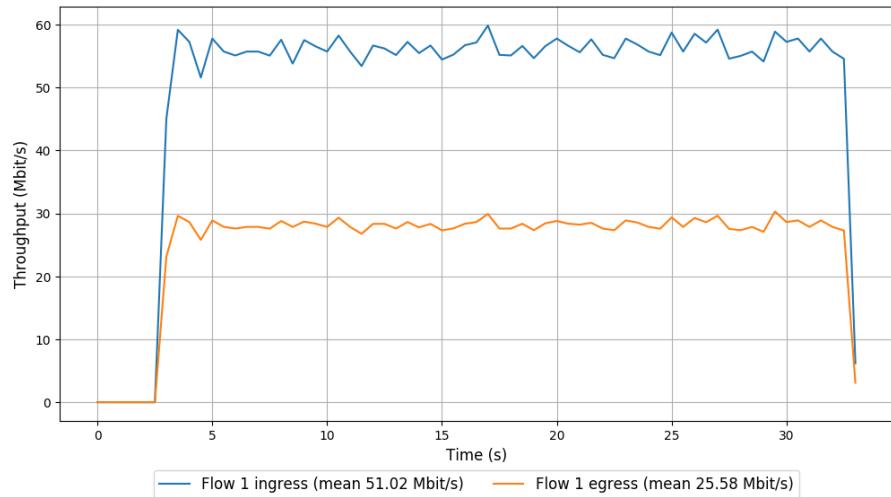


Run 3: Statistics of Saturator

```
Start at: Tue, 20 Jun 2017 00:35:06 +0000
End at: Tue, 20 Jun 2017 00:35:36 +0000
Local clock offset: -0.839 ms
Remote clock offset: 1.785 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:03:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 25.58 Mbit/s
95th percentile per-packet one-way delay: 24.394 ms
Loss rate: 49.89%
-- Flow 1:
Average throughput: 25.58 Mbit/s
95th percentile per-packet one-way delay: 24.394 ms
Loss rate: 49.89%
```

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

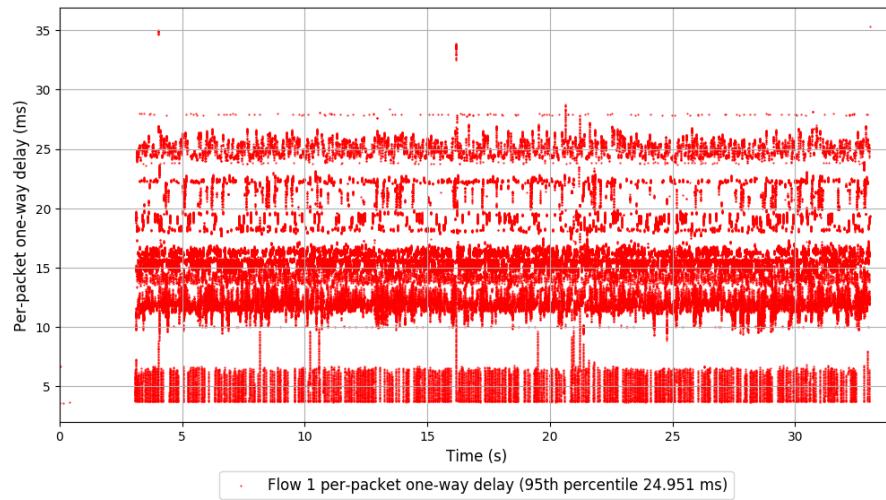
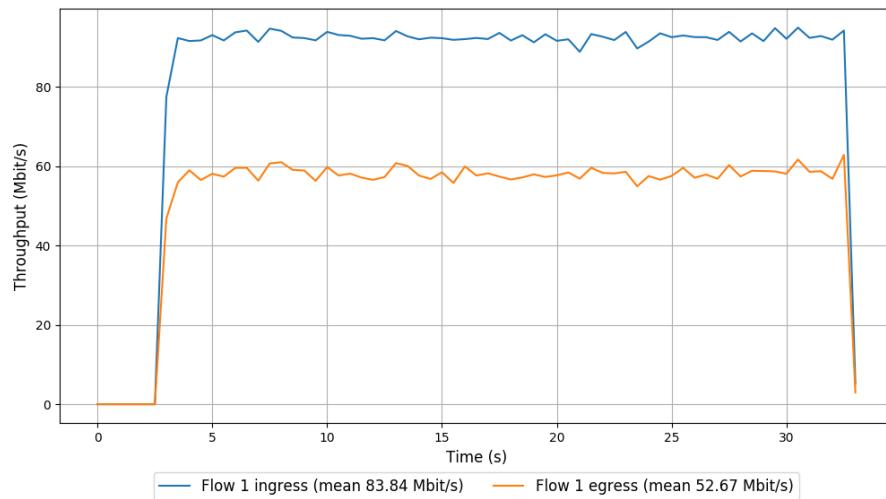


Run 4: Statistics of Saturator

```
Start at: Tue, 20 Jun 2017 00:53:20 +0000
End at: Tue, 20 Jun 2017 00:53:50 +0000
Local clock offset: 0.232 ms
Remote clock offset: 1.798 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:03:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 52.67 Mbit/s
95th percentile per-packet one-way delay: 24.951 ms
Loss rate: 37.16%
-- Flow 1:
Average throughput: 52.67 Mbit/s
95th percentile per-packet one-way delay: 24.951 ms
Loss rate: 37.16%
```

Run 4: Report of Saturator — Data Link

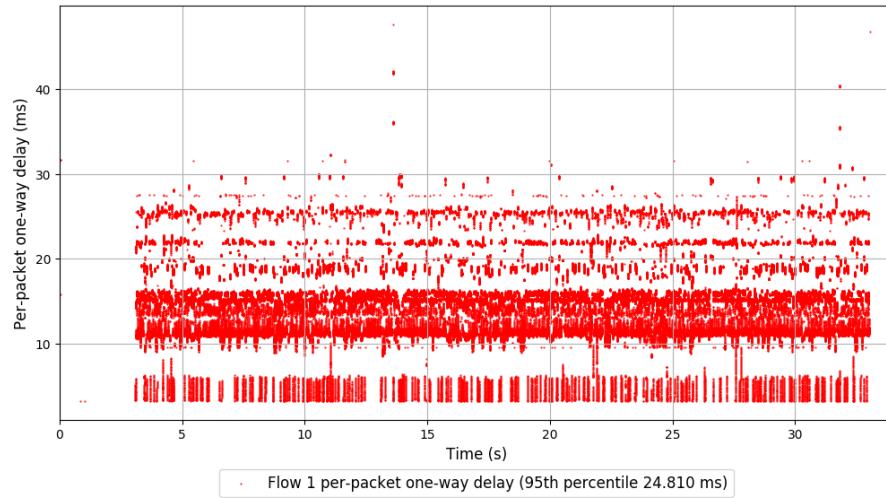
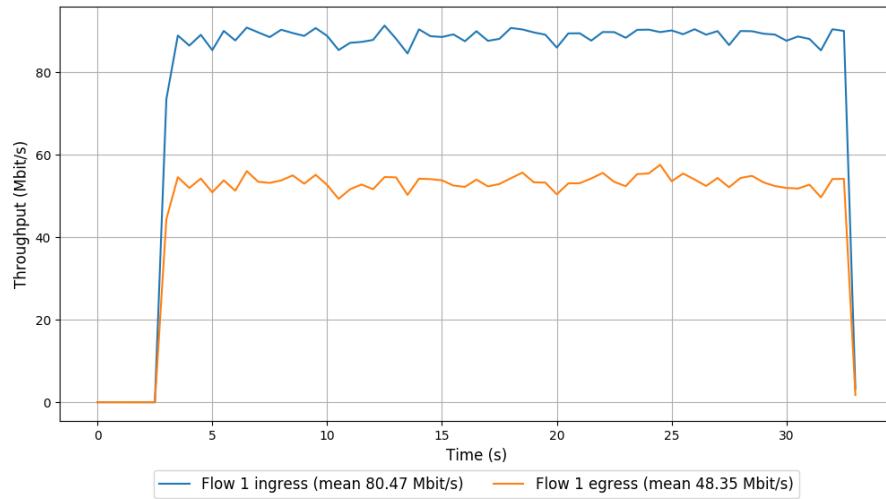


Run 5: Statistics of Saturator

```
Start at: Tue, 20 Jun 2017 01:11:42 +0000
End at: Tue, 20 Jun 2017 01:12:12 +0000
Local clock offset: 0.73 ms
Remote clock offset: 1.877 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:04:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 48.35 Mbit/s
95th percentile per-packet one-way delay: 24.810 ms
Loss rate: 39.93%
-- Flow 1:
Average throughput: 48.35 Mbit/s
95th percentile per-packet one-way delay: 24.810 ms
Loss rate: 39.93%
```

Run 5: Report of Saturator — Data Link

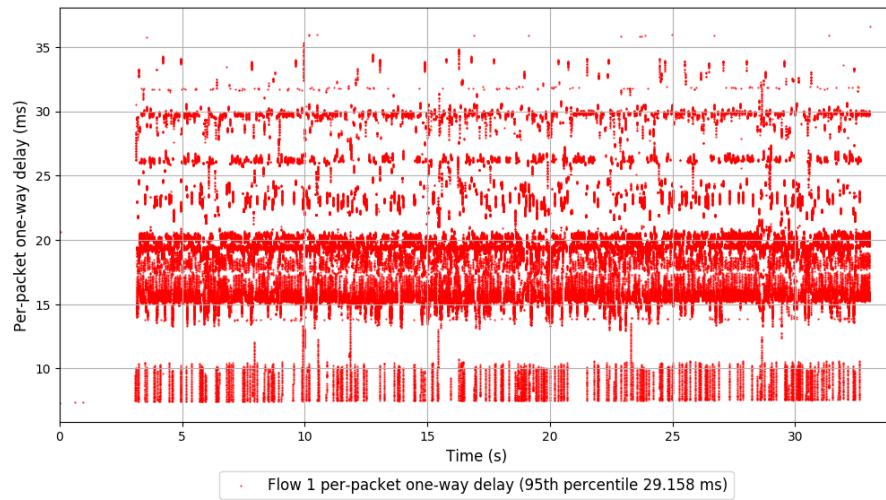
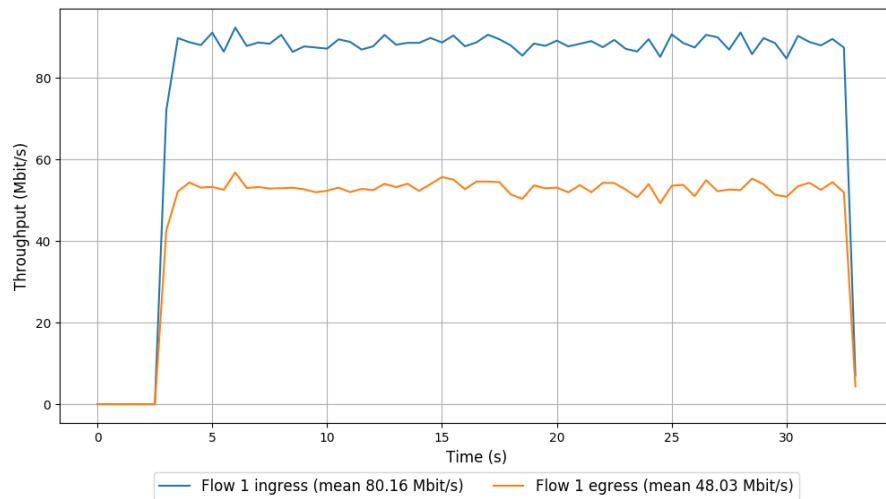


Run 6: Statistics of Saturator

```
Start at: Tue, 20 Jun 2017 01:29:53 +0000
End at: Tue, 20 Jun 2017 01:30:23 +0000
Local clock offset: -3.614 ms
Remote clock offset: 1.661 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:04:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 48.03 Mbit/s
95th percentile per-packet one-way delay: 29.158 ms
Loss rate: 40.03%
-- Flow 1:
Average throughput: 48.03 Mbit/s
95th percentile per-packet one-way delay: 29.158 ms
Loss rate: 40.03%
```

Run 6: Report of Saturator — Data Link



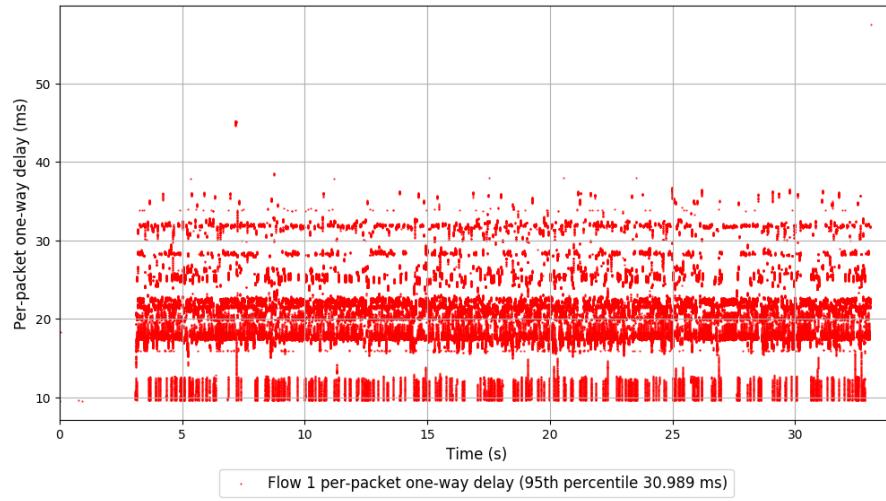
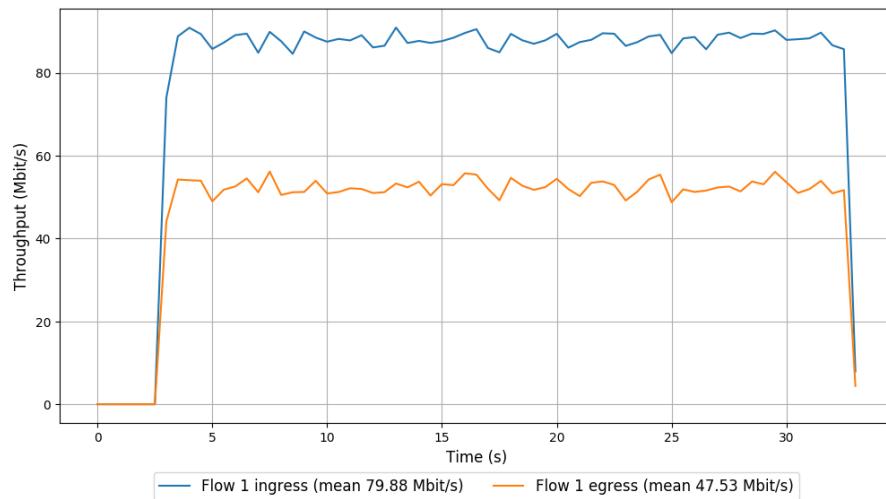
Run 7: Statistics of Saturator

Start at: Tue, 20 Jun 2017 01:48:21 +0000  
End at: Tue, 20 Jun 2017 01:48:52 +0000

Local clock offset: -6.215 ms  
Remote clock offset: 1.306 ms

```
# Below is generated by plot.py at Tue, 20 Jun 2017 06:04:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 47.53 Mbit/s
95th percentile per-packet one-way delay: 30.989 ms
Loss rate: 40.44%
-- Flow 1:
Average throughput: 47.53 Mbit/s
95th percentile per-packet one-way delay: 30.989 ms
Loss rate: 40.44%
```

Run 7: Report of Saturator — Data Link

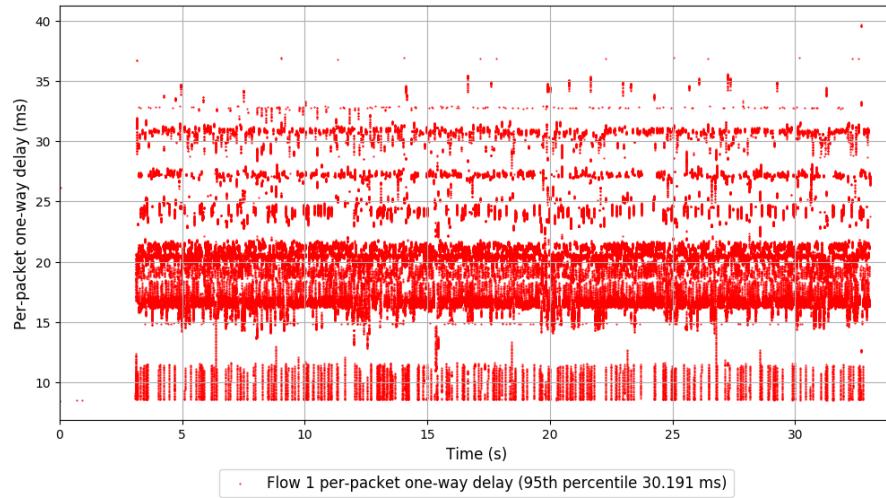
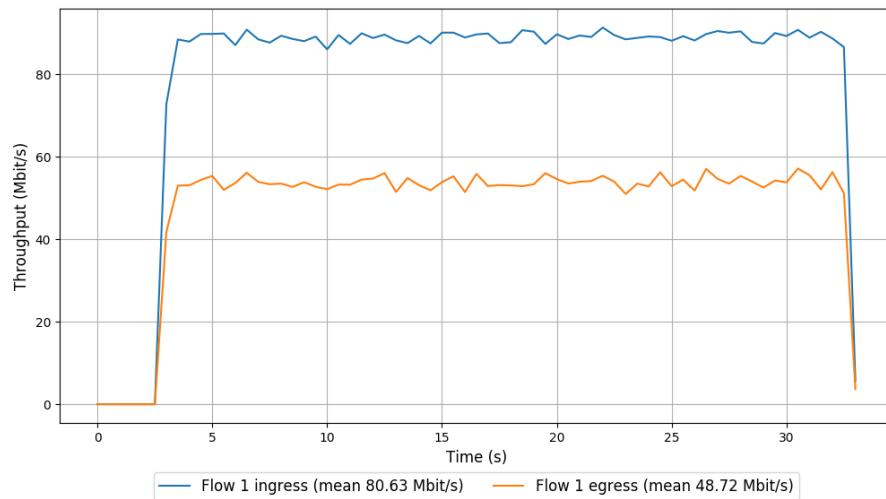


Run 8: Statistics of Saturator

```
Start at: Tue, 20 Jun 2017 02:06:50 +0000
End at: Tue, 20 Jun 2017 02:07:20 +0000
Local clock offset: -5.635 ms
Remote clock offset: 0.778 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:04:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 48.72 Mbit/s
95th percentile per-packet one-way delay: 30.191 ms
Loss rate: 39.55%
-- Flow 1:
Average throughput: 48.72 Mbit/s
95th percentile per-packet one-way delay: 30.191 ms
Loss rate: 39.55%
```

Run 8: Report of Saturator — Data Link

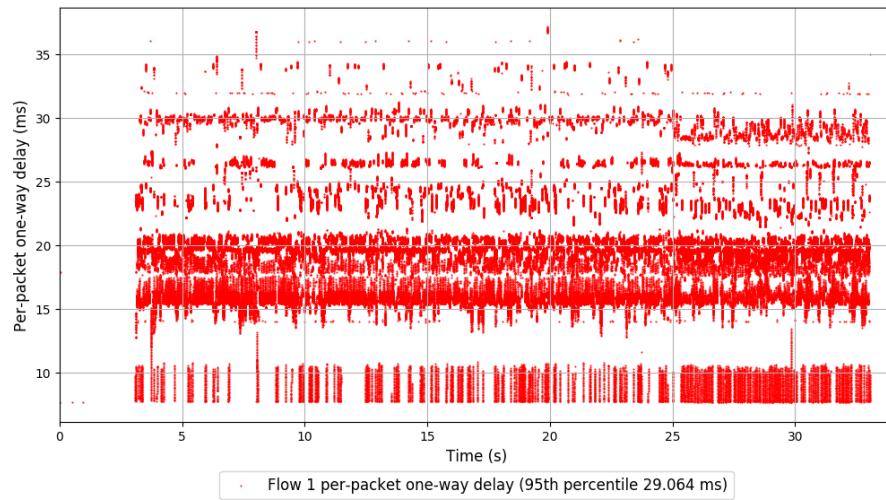
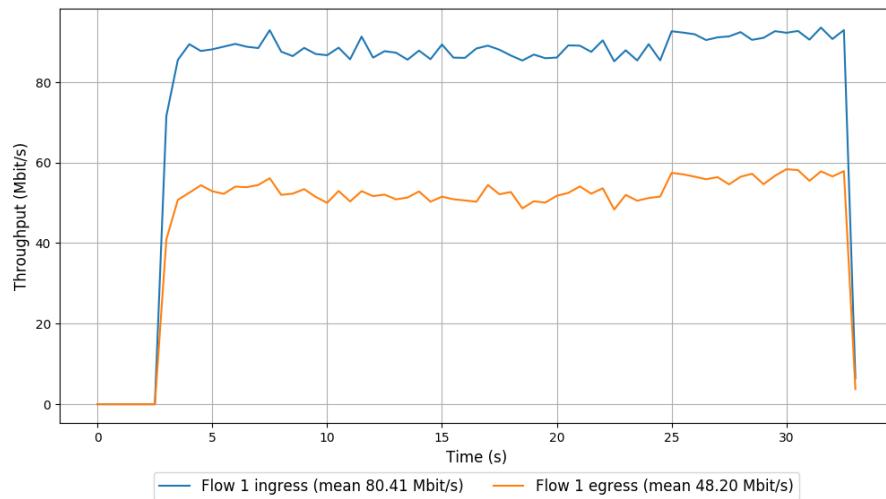


Run 9: Statistics of Saturator

```
Start at: Tue, 20 Jun 2017 02:25:24 +0000
End at: Tue, 20 Jun 2017 02:25:54 +0000
Local clock offset: -5.351 ms
Remote clock offset: 0.286 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:05:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 48.20 Mbit/s
95th percentile per-packet one-way delay: 29.064 ms
Loss rate: 40.03%
-- Flow 1:
Average throughput: 48.20 Mbit/s
95th percentile per-packet one-way delay: 29.064 ms
Loss rate: 40.03%
```

Run 9: Report of Saturator — Data Link

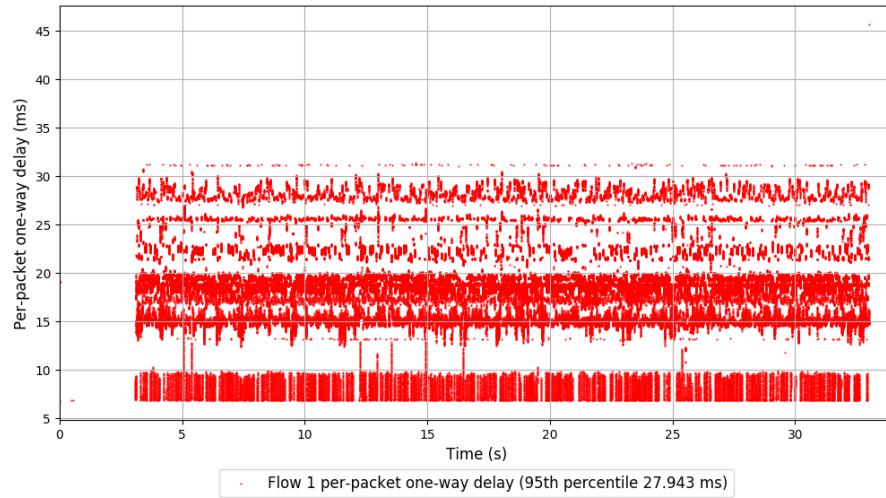
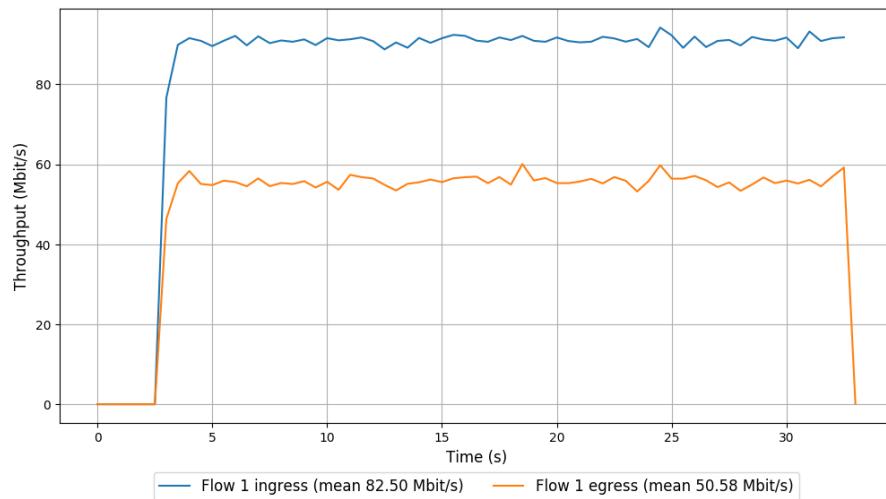


Run 10: Statistics of Saturator

```
Start at: Tue, 20 Jun 2017 02:44:15 +0000
End at: Tue, 20 Jun 2017 02:44:45 +0000
Local clock offset: -4.75 ms
Remote clock offset: 0.046 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:05:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.58 Mbit/s
95th percentile per-packet one-way delay: 27.943 ms
Loss rate: 38.65%
-- Flow 1:
Average throughput: 50.58 Mbit/s
95th percentile per-packet one-way delay: 27.943 ms
Loss rate: 38.65%
```

Run 10: Report of Saturator — Data Link

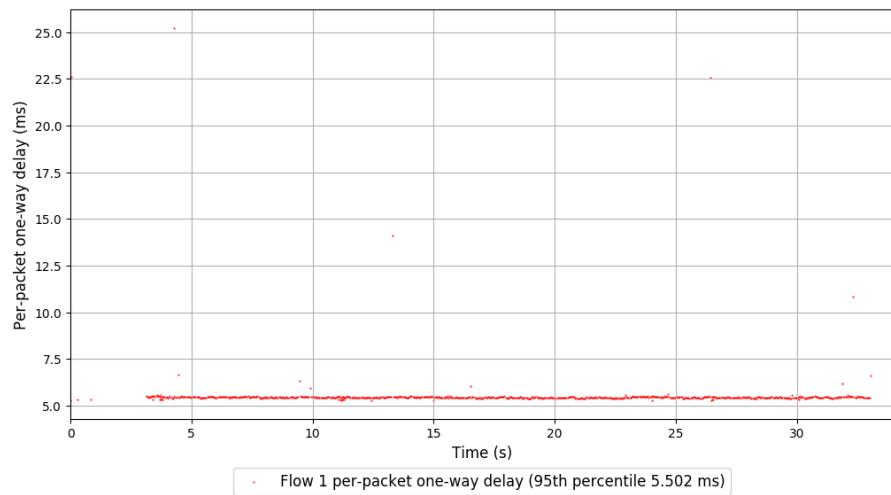
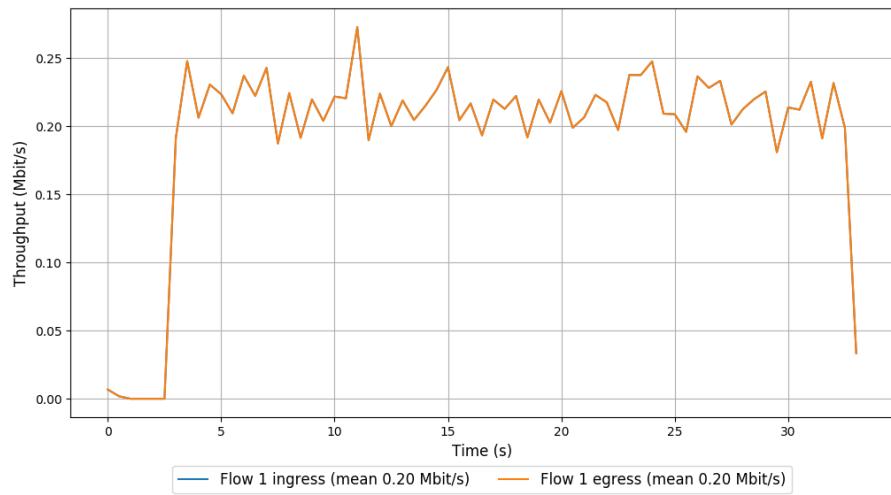


Run 1: Statistics of SCReAM

```
Start at: Tue, 20 Jun 2017 00:00:32 +0000
End at: Tue, 20 Jun 2017 00:01:02 +0000
Local clock offset: -2.002 ms
Remote clock offset: 1.231 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:05:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 5.502 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 5.502 ms
Loss rate: 0.00%
```

## Run 1: Report of SCReAM — Data Link

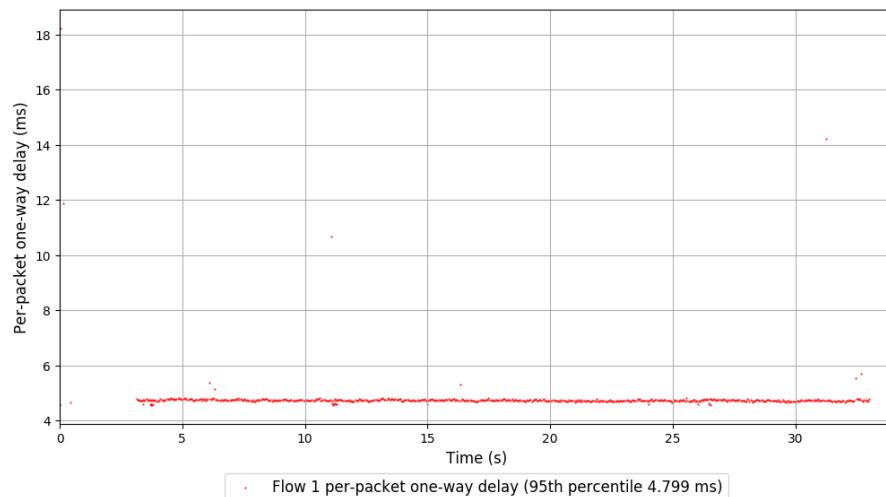
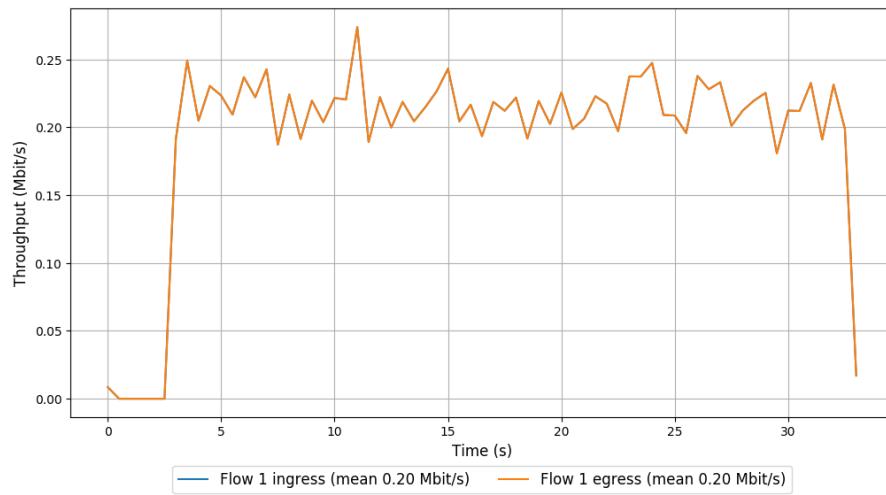


Run 2: Statistics of SCReAM

```
Start at: Tue, 20 Jun 2017 00:19:30 +0000
End at: Tue, 20 Jun 2017 00:20:00 +0000
Local clock offset: -0.946 ms
Remote clock offset: 1.643 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:05:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 4.799 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 4.799 ms
Loss rate: 0.00%
```

## Run 2: Report of SCReAM — Data Link

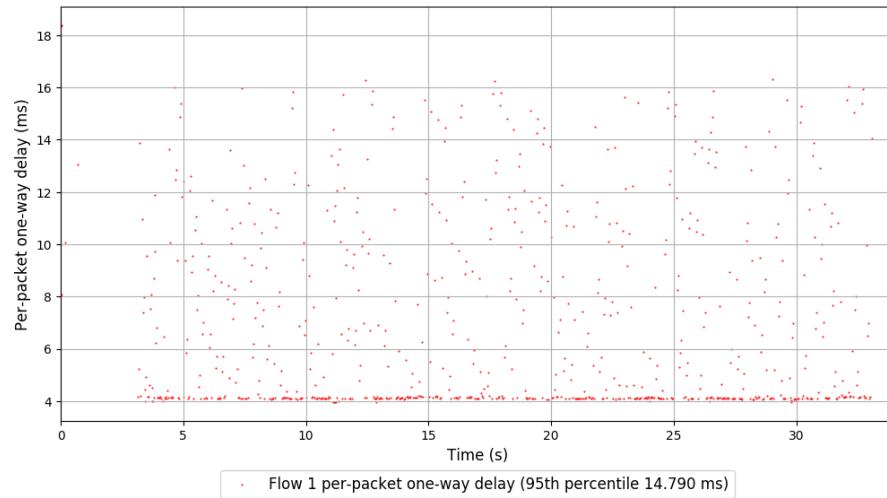
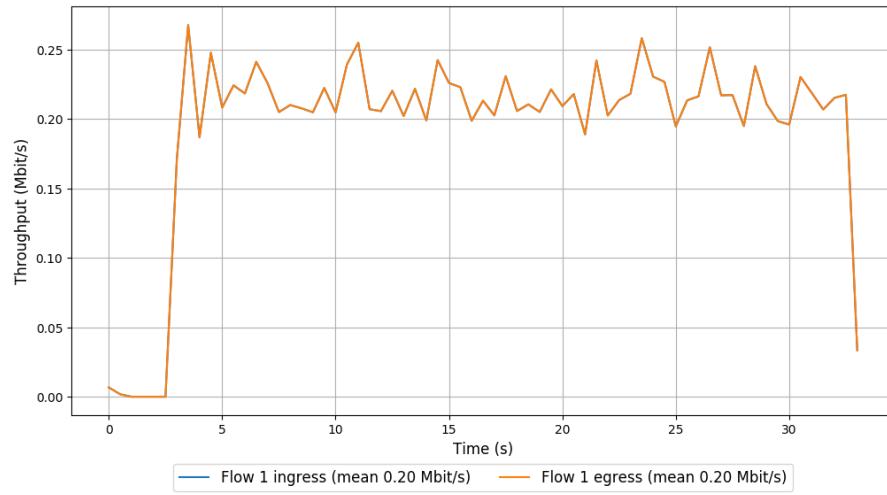


Run 3: Statistics of SCReAM

```
Start at: Tue, 20 Jun 2017 00:37:32 +0000
End at: Tue, 20 Jun 2017 00:38:02 +0000
Local clock offset: -0.205 ms
Remote clock offset: 1.786 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:05:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 14.790 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 14.790 ms
Loss rate: 0.00%
```

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

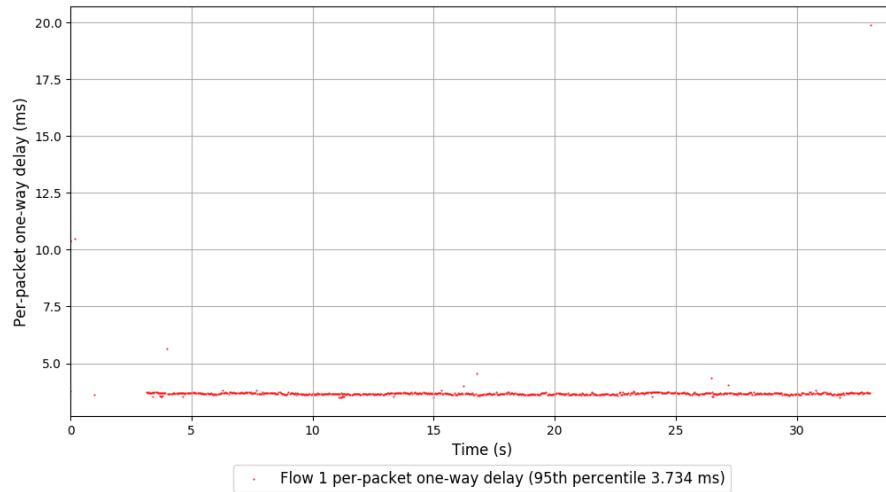
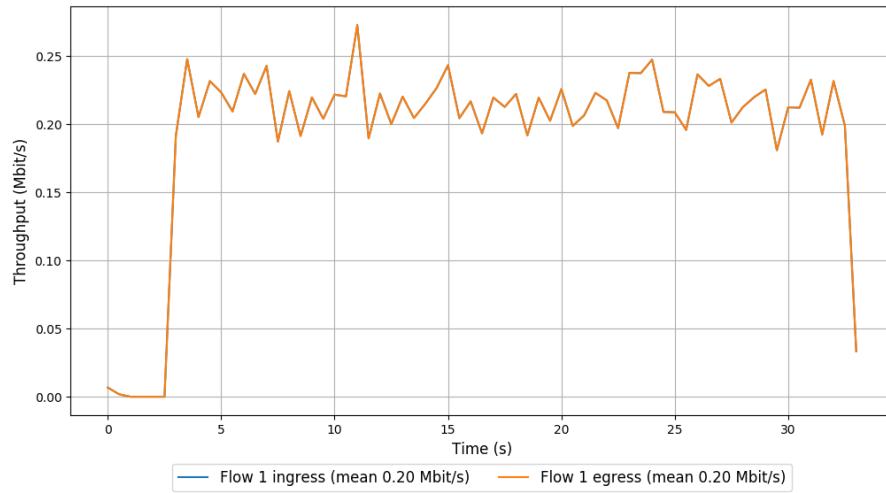


Run 4: Statistics of SCReAM

```
Start at: Tue, 20 Jun 2017 00:56:02 +0000
End at: Tue, 20 Jun 2017 00:56:32 +0000
Local clock offset: 0.316 ms
Remote clock offset: 1.823 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:05:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 3.734 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 3.734 ms
Loss rate: 0.00%
```

## Run 4: Report of SCReAM — Data Link

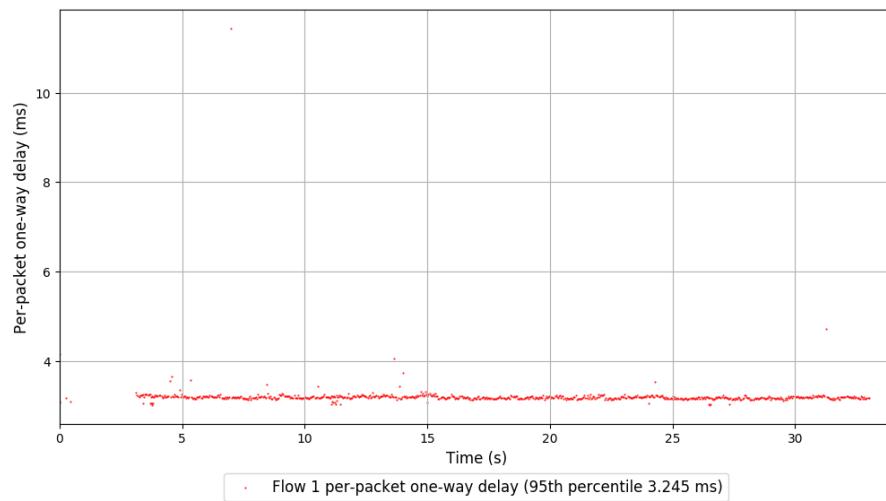
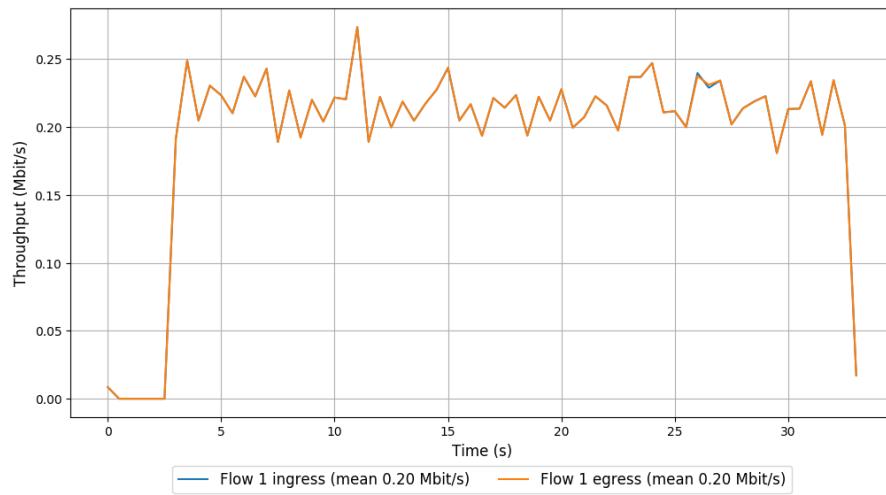


Run 5: Statistics of SCReAM

```
Start at: Tue, 20 Jun 2017 01:14:27 +0000
End at: Tue, 20 Jun 2017 01:14:57 +0000
Local clock offset: 0.77 ms
Remote clock offset: 1.816 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:05:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 3.245 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 3.245 ms
Loss rate: 0.00%
```

Run 5: Report of SCReAM — Data Link

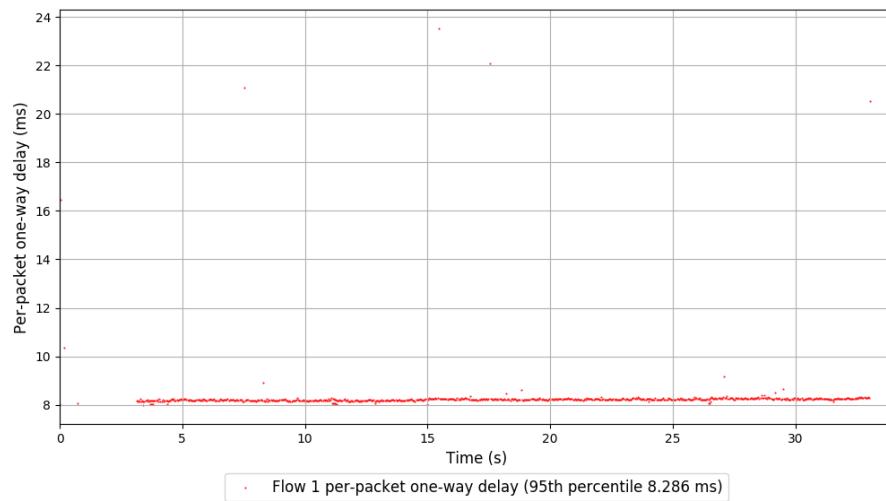
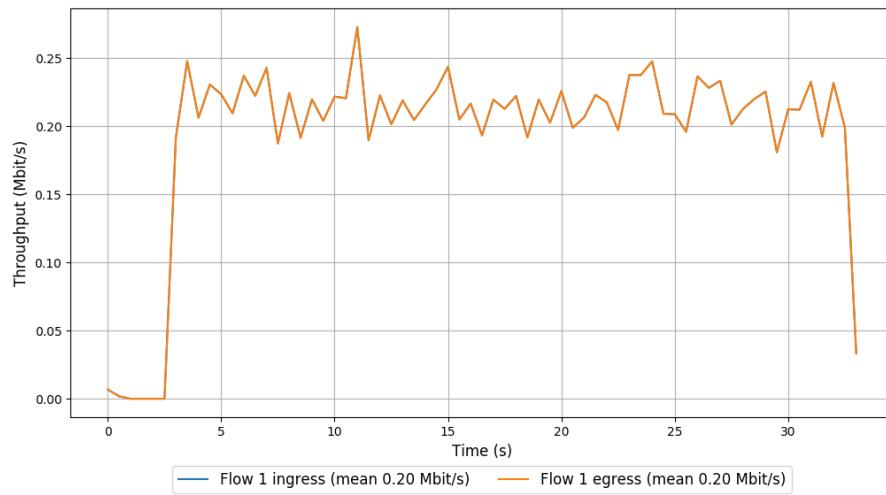


Run 6: Statistics of SCReAM

```
Start at: Tue, 20 Jun 2017 01:32:36 +0000
End at: Tue, 20 Jun 2017 01:33:06 +0000
Local clock offset: -4.304 ms
Remote clock offset: 1.631 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:05:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 8.286 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 8.286 ms
Loss rate: 0.00%
```

Run 6: Report of SCReAM — Data Link

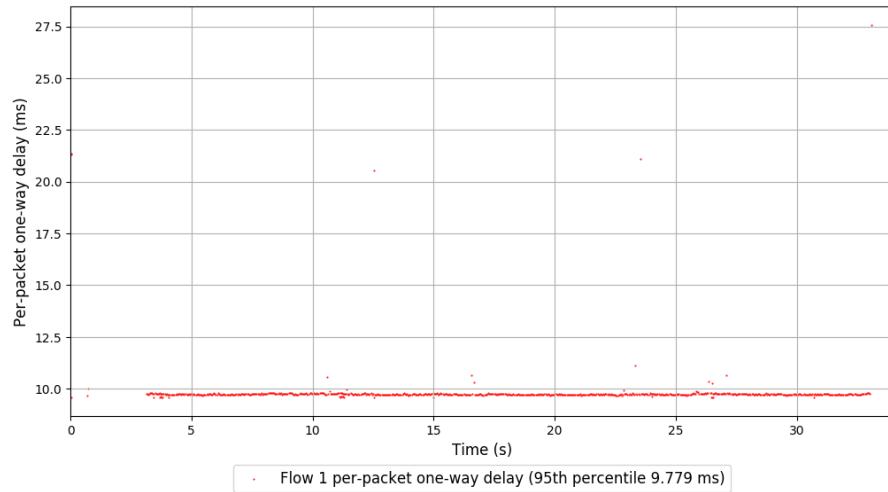
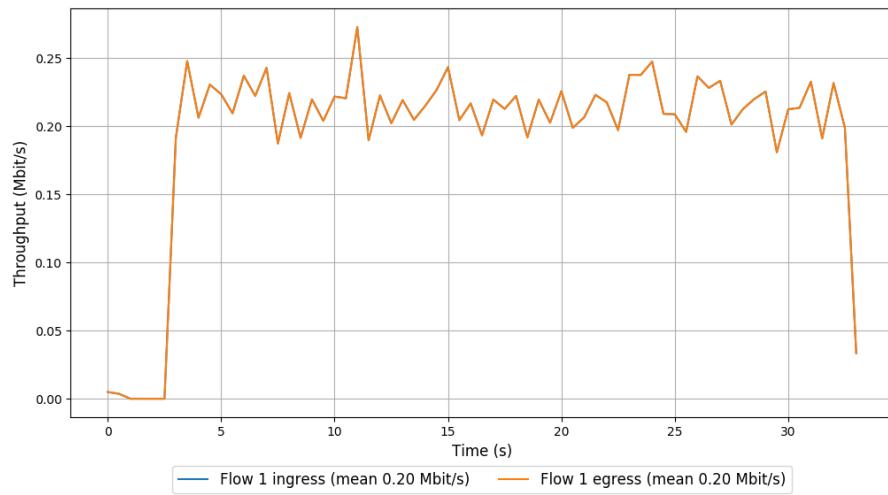


Run 7: Statistics of SCReAM

```
Start at: Tue, 20 Jun 2017 01:51:05 +0000
End at: Tue, 20 Jun 2017 01:51:35 +0000
Local clock offset: -6.253 ms
Remote clock offset: 1.299 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:05:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 9.779 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 9.779 ms
Loss rate: 0.00%
```

Run 7: Report of SCReAM — Data Link

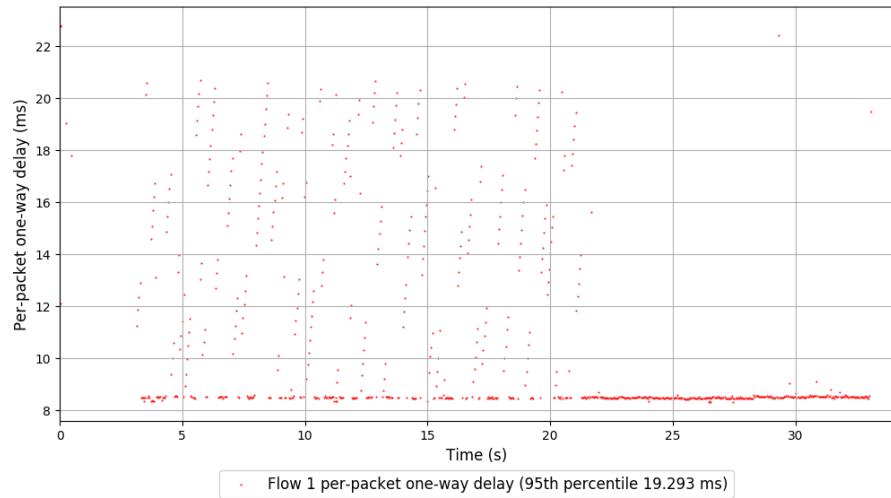
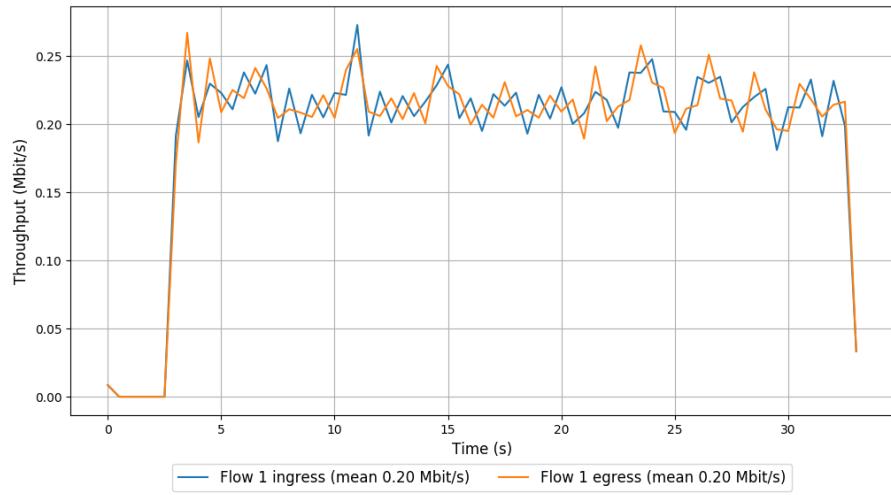


Run 8: Statistics of SCReAM

```
Start at: Tue, 20 Jun 2017 02:09:34 +0000
End at: Tue, 20 Jun 2017 02:10:04 +0000
Local clock offset: -5.568 ms
Remote clock offset: 0.774 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:05:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 19.293 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 19.293 ms
Loss rate: 0.00%
```

Run 8: Report of SCReAM — Data Link

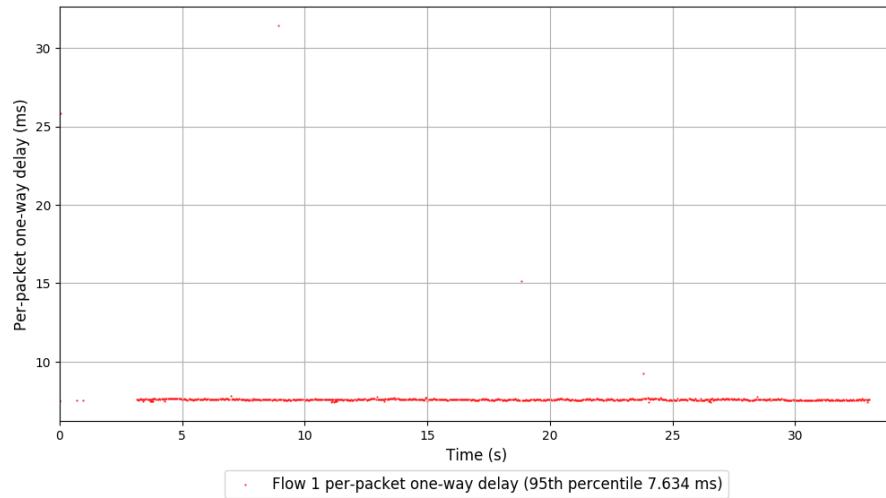
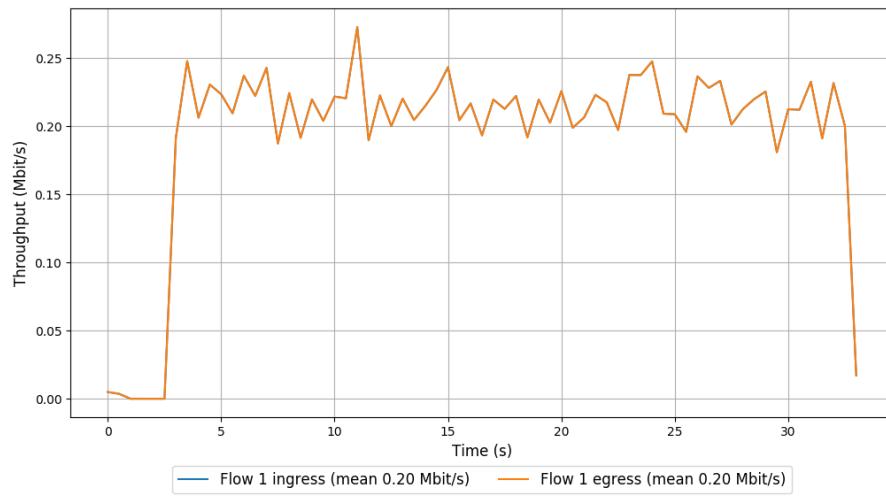


Run 9: Statistics of SCReAM

```
Start at: Tue, 20 Jun 2017 02:28:05 +0000
End at: Tue, 20 Jun 2017 02:28:35 +0000
Local clock offset: -5.144 ms
Remote clock offset: 0.32 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:05:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 7.634 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 7.634 ms
Loss rate: 0.00%
```

Run 9: Report of SCReAM — Data Link

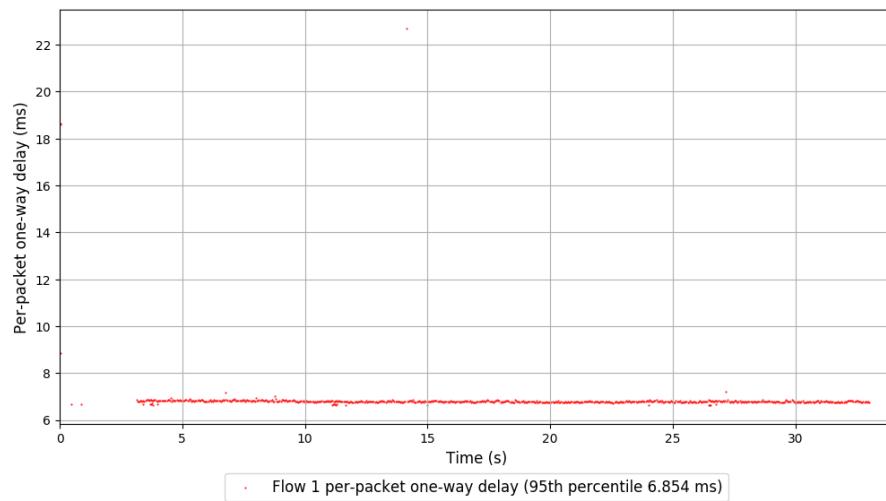
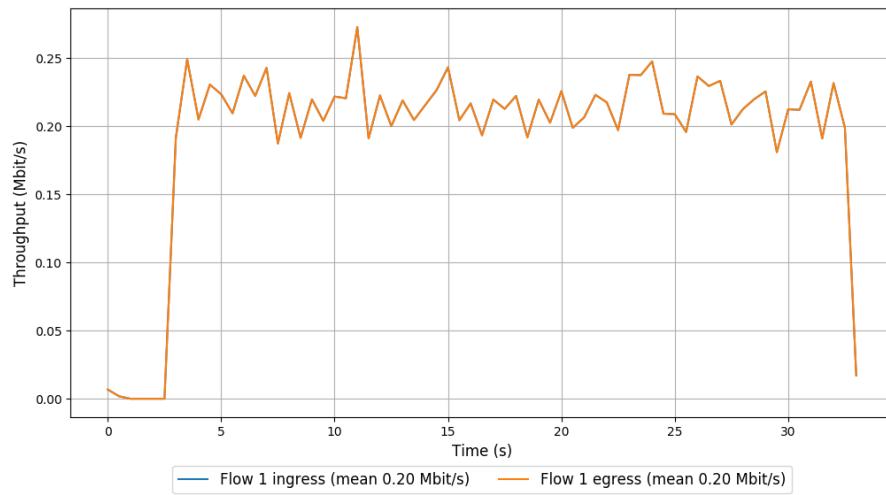


Run 10: Statistics of SCReAM

```
Start at: Tue, 20 Jun 2017 02:46:57 +0000
End at: Tue, 20 Jun 2017 02:47:27 +0000
Local clock offset: -4.664 ms
Remote clock offset: 0.023 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:05:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 6.854 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 6.854 ms
Loss rate: 0.00%
```

Run 10: Report of SCReAM — Data Link

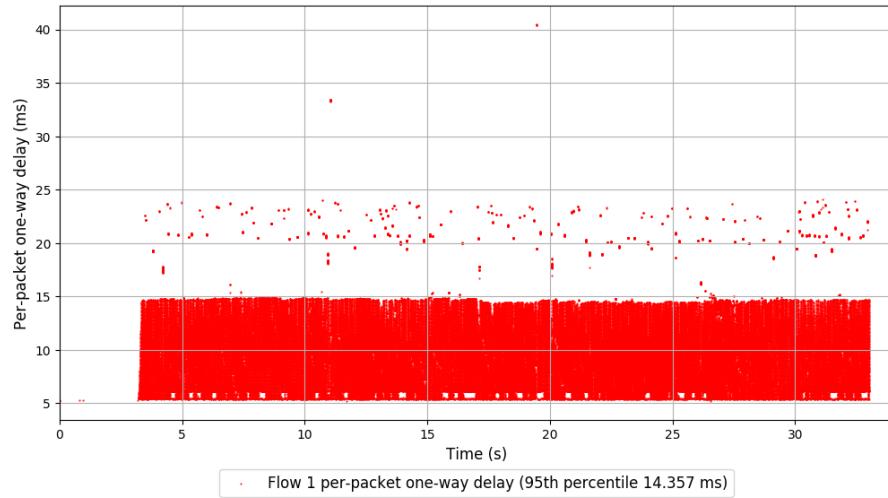
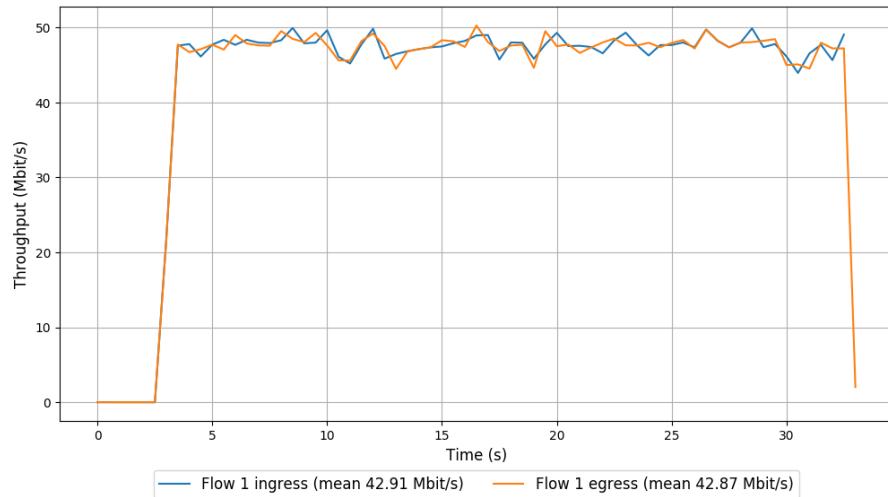


Run 1: Statistics of Sprout

```
Start at: Tue, 20 Jun 2017 00:01:36 +0000
End at: Tue, 20 Jun 2017 00:02:06 +0000
Local clock offset: -1.995 ms
Remote clock offset: 1.331 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:06:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 42.87 Mbit/s
95th percentile per-packet one-way delay: 14.357 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 42.87 Mbit/s
95th percentile per-packet one-way delay: 14.357 ms
Loss rate: 0.07%
```

## Run 1: Report of Sprout — Data Link

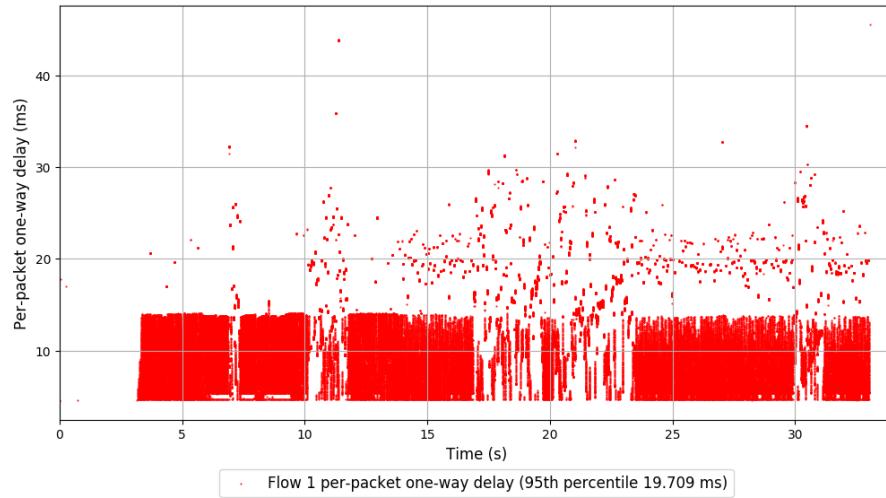
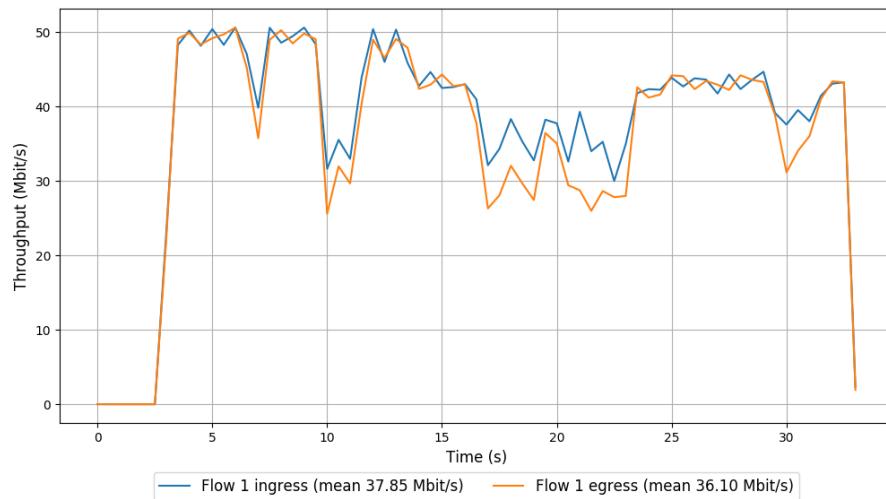


Run 2: Statistics of Sprout

```
Start at: Tue, 20 Jun 2017 00:20:35 +0000
End at: Tue, 20 Jun 2017 00:21:05 +0000
Local clock offset: -0.918 ms
Remote clock offset: 1.657 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:06:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 36.10 Mbit/s
95th percentile per-packet one-way delay: 19.709 ms
Loss rate: 4.56%
-- Flow 1:
Average throughput: 36.10 Mbit/s
95th percentile per-packet one-way delay: 19.709 ms
Loss rate: 4.56%
```

## Run 2: Report of Sprout — Data Link

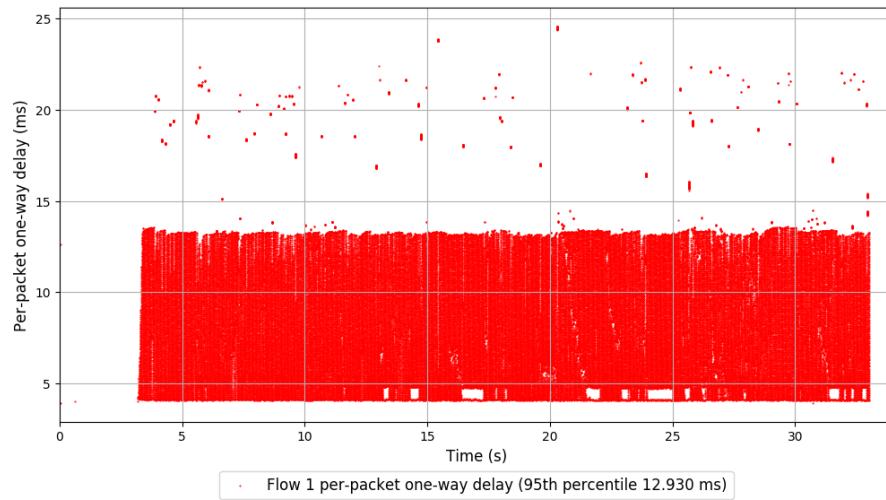
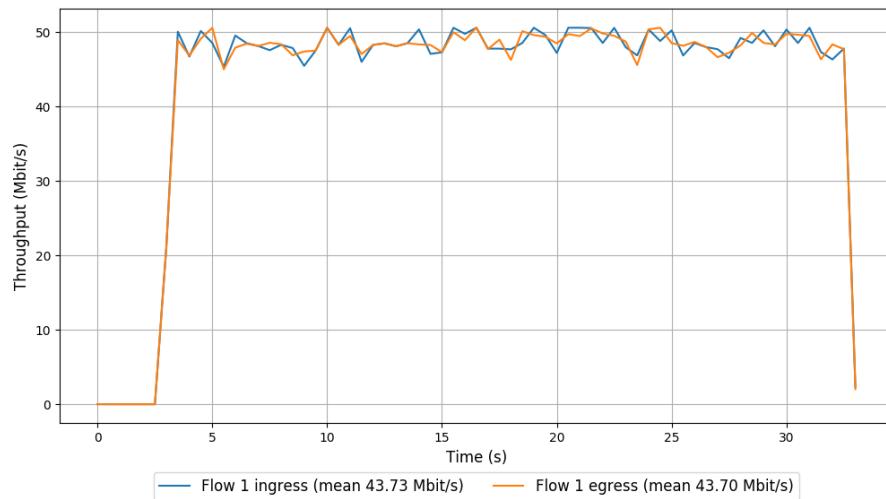


Run 3: Statistics of Sprout

```
Start at: Tue, 20 Jun 2017 00:38:37 +0000
End at: Tue, 20 Jun 2017 00:39:07 +0000
Local clock offset: -0.195 ms
Remote clock offset: 1.802 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:06:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 43.70 Mbit/s
95th percentile per-packet one-way delay: 12.930 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 43.70 Mbit/s
95th percentile per-packet one-way delay: 12.930 ms
Loss rate: 0.11%
```

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

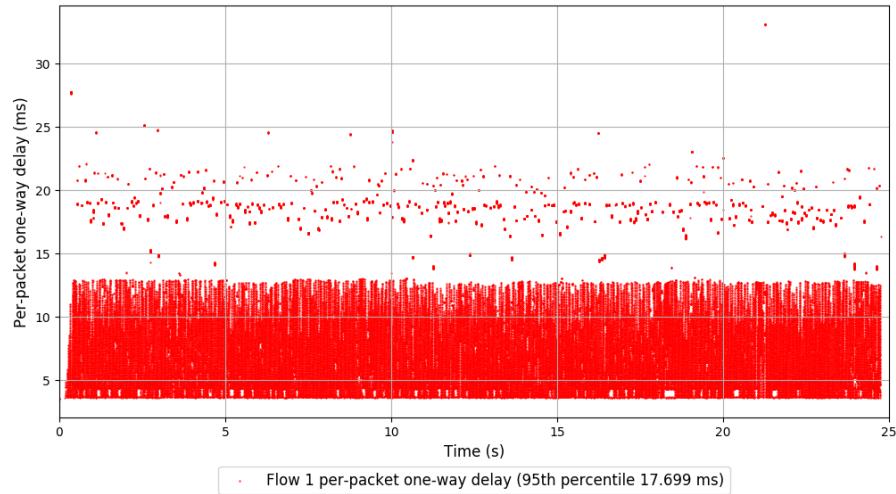
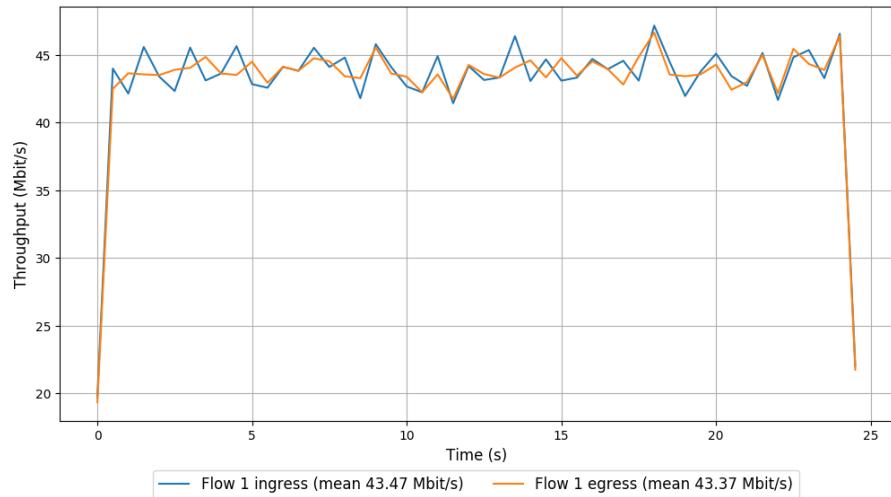


Run 4: Statistics of Sprout

```
Start at: Tue, 20 Jun 2017 00:57:07 +0000
End at: Tue, 20 Jun 2017 00:57:37 +0000
Local clock offset: 0.271 ms
Remote clock offset: 1.76 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:06:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 43.37 Mbit/s
95th percentile per-packet one-way delay: 17.699 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 43.37 Mbit/s
95th percentile per-packet one-way delay: 17.699 ms
Loss rate: 0.16%
```

## Run 4: Report of Sprout — Data Link

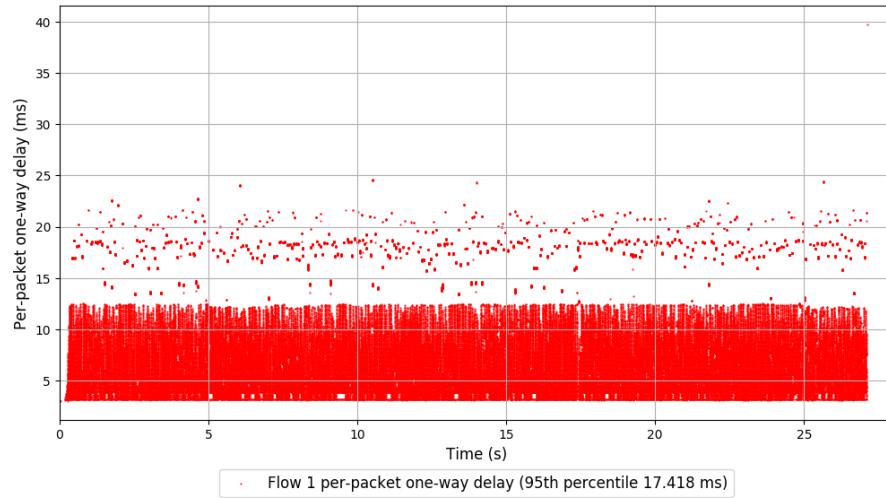
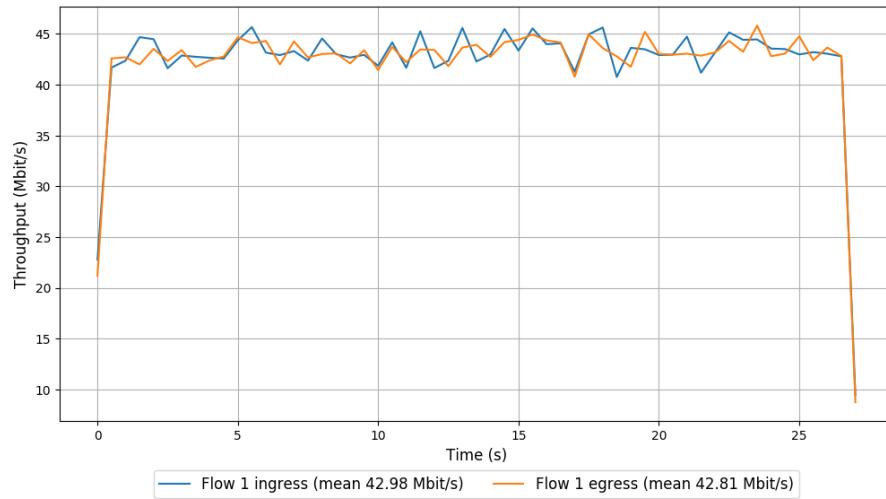


Run 5: Statistics of Sprout

```
Start at: Tue, 20 Jun 2017 01:15:31 +0000
End at: Tue, 20 Jun 2017 01:16:01 +0000
Local clock offset: 0.766 ms
Remote clock offset: 1.748 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:06:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 42.81 Mbit/s
95th percentile per-packet one-way delay: 17.418 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 42.81 Mbit/s
95th percentile per-packet one-way delay: 17.418 ms
Loss rate: 0.36%
```

## Run 5: Report of Sprout — Data Link

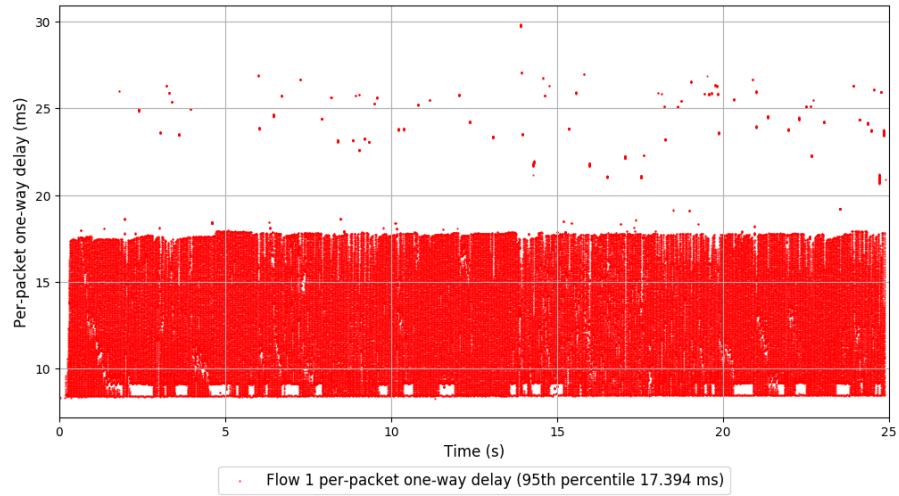
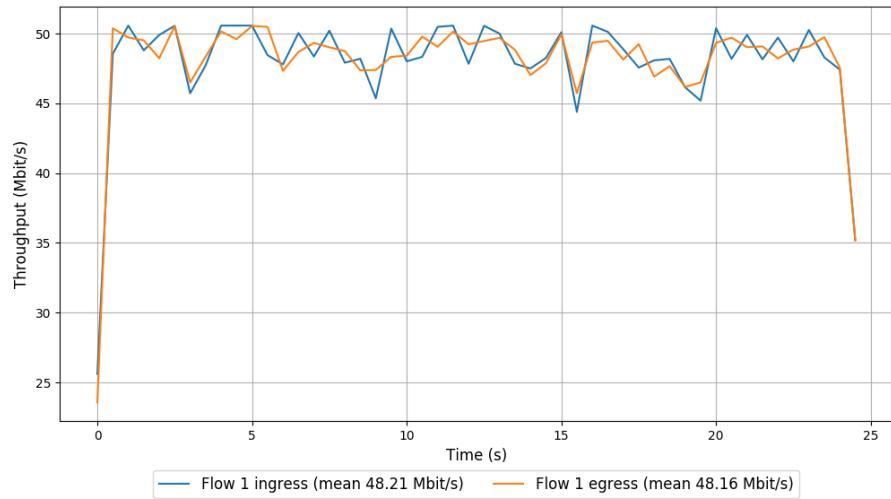


Run 6: Statistics of Sprout

```
Start at: Tue, 20 Jun 2017 01:33:40 +0000
End at: Tue, 20 Jun 2017 01:34:11 +0000
Local clock offset: -4.534 ms
Remote clock offset: 1.6 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:06:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 48.16 Mbit/s
95th percentile per-packet one-way delay: 17.394 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 48.16 Mbit/s
95th percentile per-packet one-way delay: 17.394 ms
Loss rate: 0.07%
```

## Run 6: Report of Sprout — Data Link

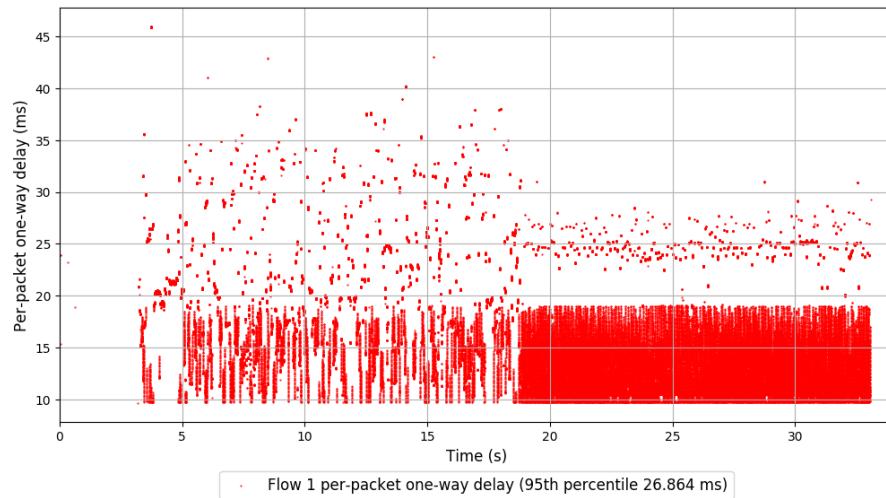
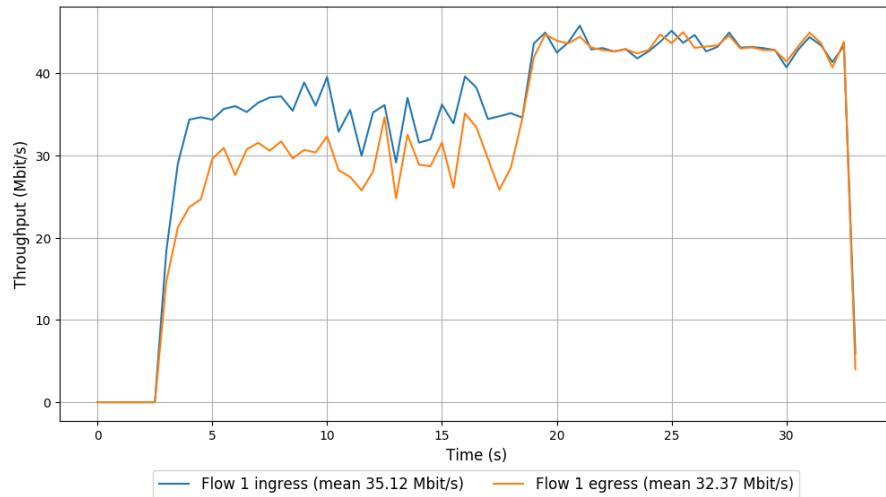


Run 7: Statistics of Sprout

```
Start at: Tue, 20 Jun 2017 01:52:09 +0000
End at: Tue, 20 Jun 2017 01:52:40 +0000
Local clock offset: -6.295 ms
Remote clock offset: 1.217 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:07:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 32.37 Mbit/s
95th percentile per-packet one-way delay: 26.864 ms
Loss rate: 7.88%
-- Flow 1:
Average throughput: 32.37 Mbit/s
95th percentile per-packet one-way delay: 26.864 ms
Loss rate: 7.88%
```

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

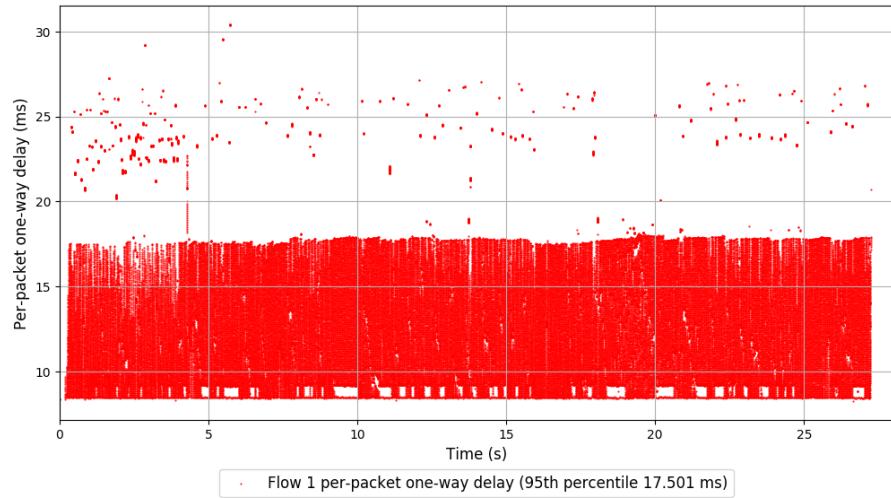
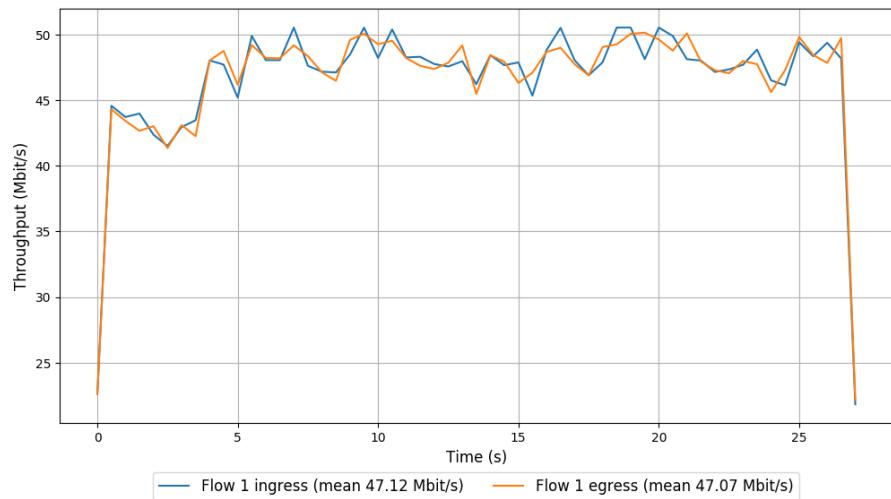


Run 8: Statistics of Sprout

```
Start at: Tue, 20 Jun 2017 02:10:39 +0000
End at: Tue, 20 Jun 2017 02:11:09 +0000
Local clock offset: -5.6 ms
Remote clock offset: 0.736 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:07:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 47.07 Mbit/s
95th percentile per-packet one-way delay: 17.501 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 47.07 Mbit/s
95th percentile per-packet one-way delay: 17.501 ms
Loss rate: 0.07%
```

## Run 8: Report of Sprout — Data Link

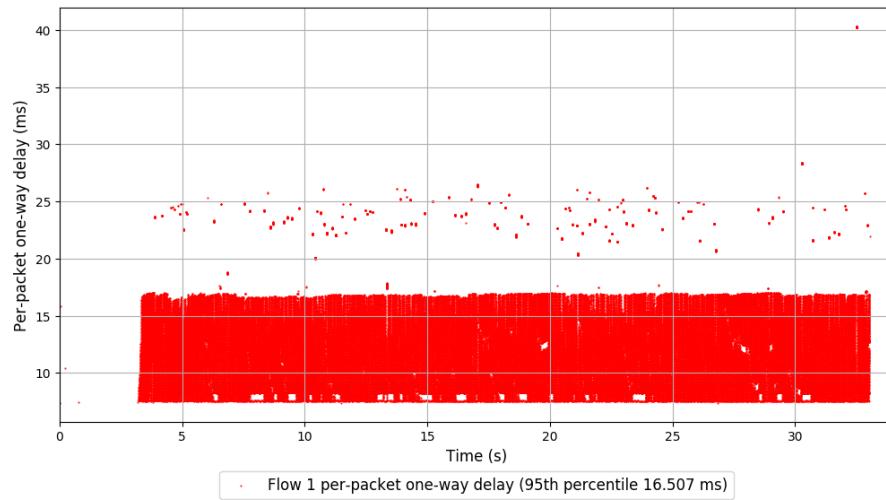
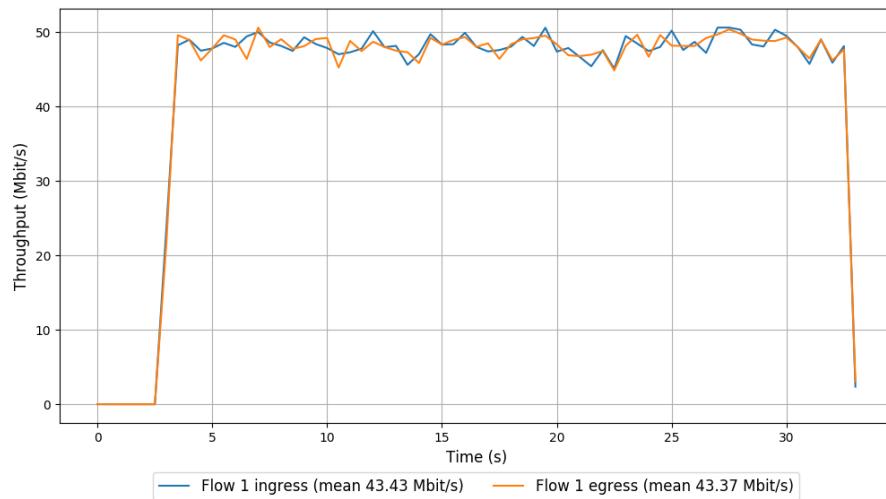


Run 9: Statistics of Sprout

```
Start at: Tue, 20 Jun 2017 02:29:09 +0000
End at: Tue, 20 Jun 2017 02:29:39 +0000
Local clock offset: -5.194 ms
Remote clock offset: 0.246 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:07:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 43.37 Mbit/s
95th percentile per-packet one-way delay: 16.507 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 43.37 Mbit/s
95th percentile per-packet one-way delay: 16.507 ms
Loss rate: 0.08%
```

## Run 9: Report of Sprout — Data Link

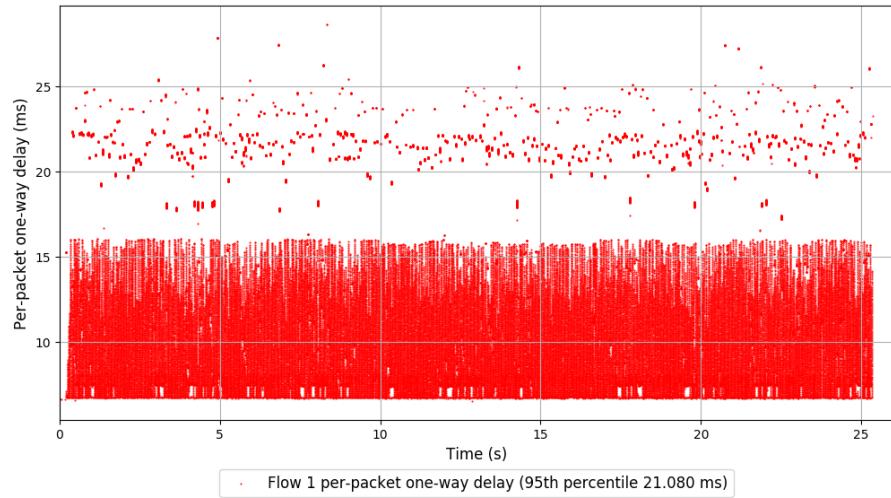
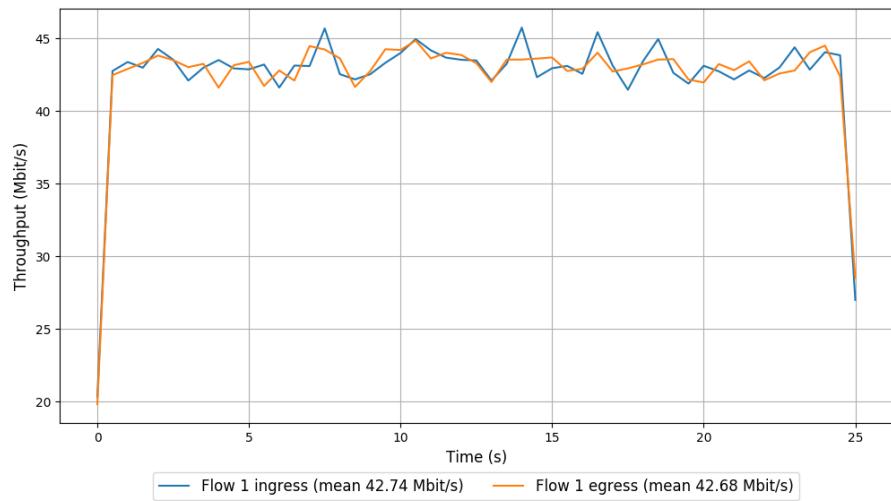


Run 10: Statistics of Sprout

```
Start at: Tue, 20 Jun 2017 02:48:02 +0000
End at: Tue, 20 Jun 2017 02:48:32 +0000
Local clock offset: -4.652 ms
Remote clock offset: 0.033 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:07:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 42.68 Mbit/s
95th percentile per-packet one-way delay: 21.080 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 42.68 Mbit/s
95th percentile per-packet one-way delay: 21.080 ms
Loss rate: 0.08%
```

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: Mon, 19 Jun 2017 23:55:10 +0000

End at: Mon, 19 Jun 2017 23:55:40 +0000

Local clock offset: -2.129 ms

Remote clock offset: 1.253 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:08:22 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 40.44 Mbit/s

95th percentile per-packet one-way delay: 16.137 ms

Loss rate: 22.47%

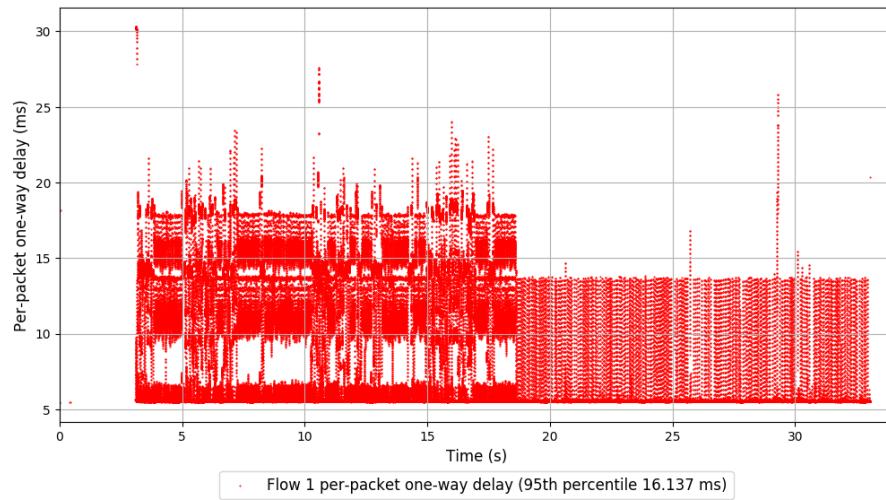
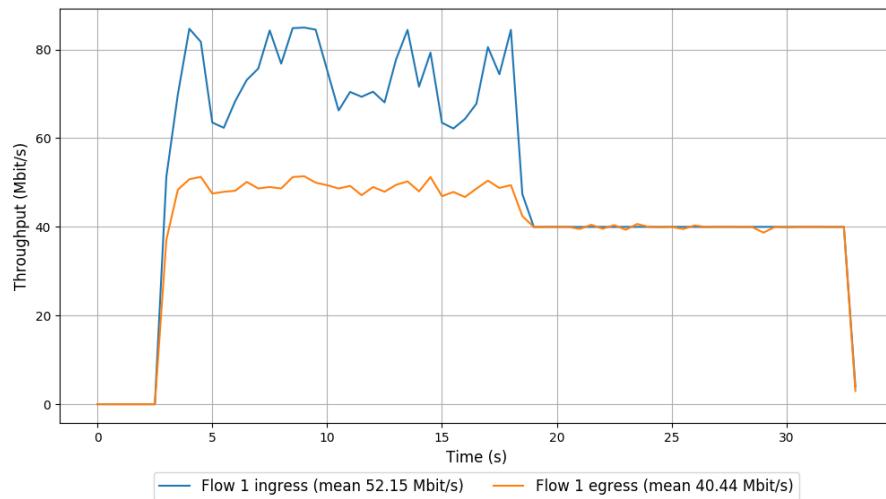
-- Flow 1:

Average throughput: 40.44 Mbit/s

95th percentile per-packet one-way delay: 16.137 ms

Loss rate: 22.47%

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

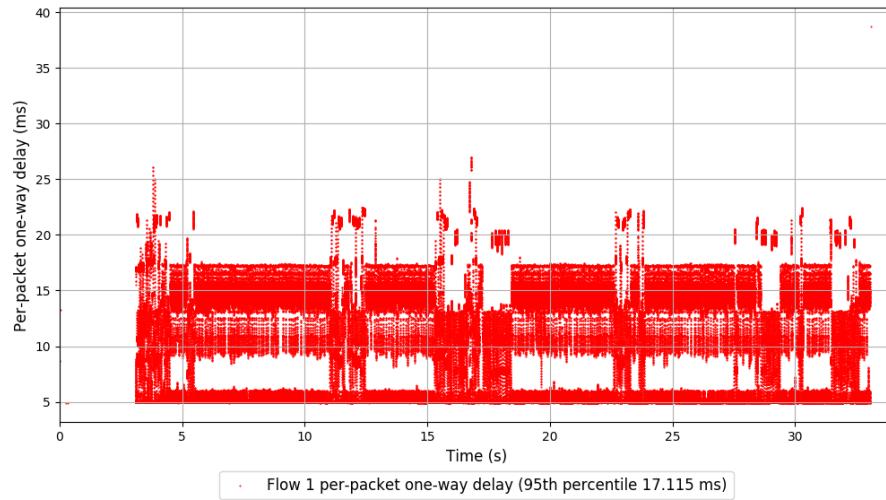
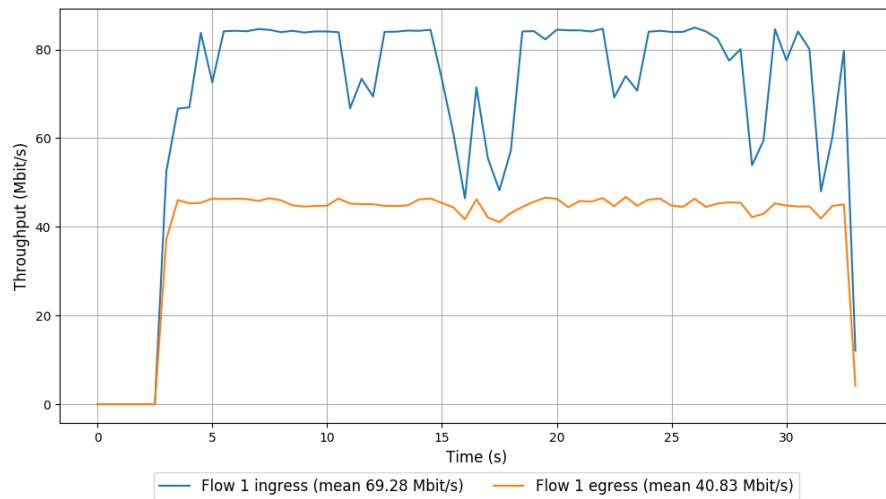


Run 2: Statistics of TaoVA-100x

```
Start at: Tue, 20 Jun 2017 00:14:00 +0000
End at: Tue, 20 Jun 2017 00:14:30 +0000
Local clock offset: -1.28 ms
Remote clock offset: 1.584 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:08:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 40.83 Mbit/s
95th percentile per-packet one-way delay: 17.115 ms
Loss rate: 41.08%
-- Flow 1:
Average throughput: 40.83 Mbit/s
95th percentile per-packet one-way delay: 17.115 ms
Loss rate: 41.08%
```

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

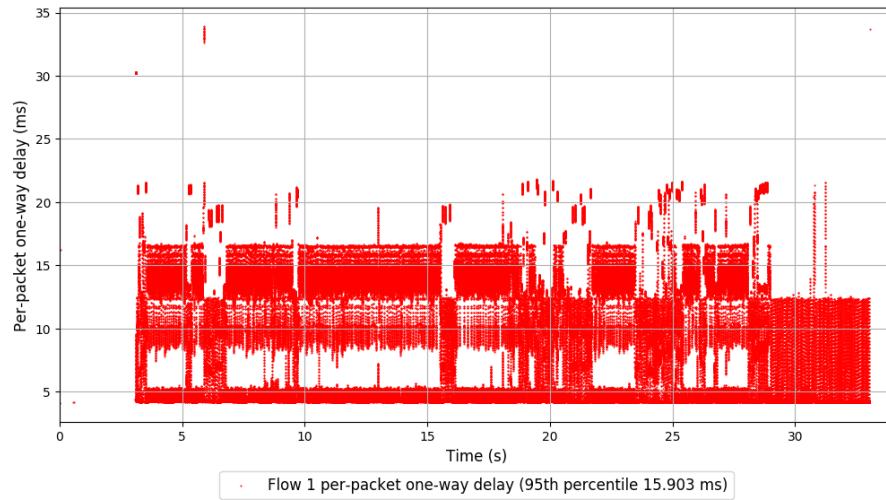
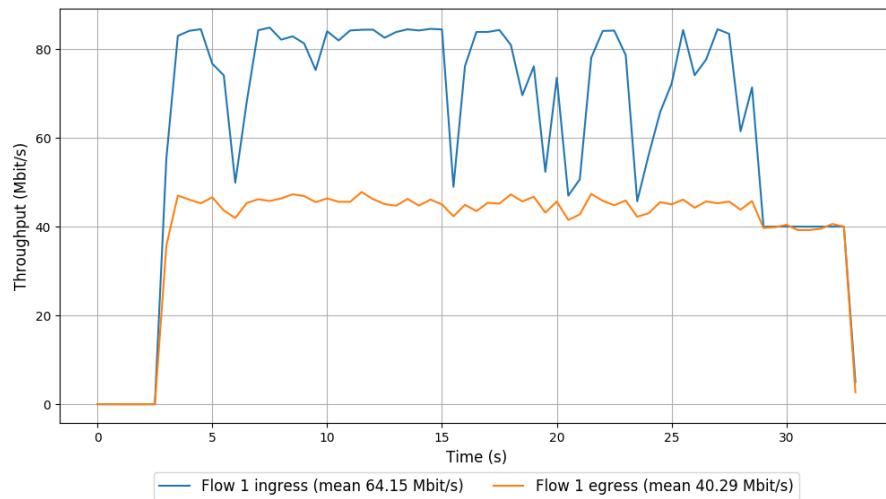


Run 3: Statistics of TaoVA-100x

```
Start at: Tue, 20 Jun 2017 00:32:25 +0000
End at: Tue, 20 Jun 2017 00:32:55 +0000
Local clock offset: -0.461 ms
Remote clock offset: 1.671 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:09:09 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 40.29 Mbit/s
95th percentile per-packet one-way delay: 15.903 ms
Loss rate: 37.20%
-- Flow 1:
Average throughput: 40.29 Mbit/s
95th percentile per-packet one-way delay: 15.903 ms
Loss rate: 37.20%
```

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

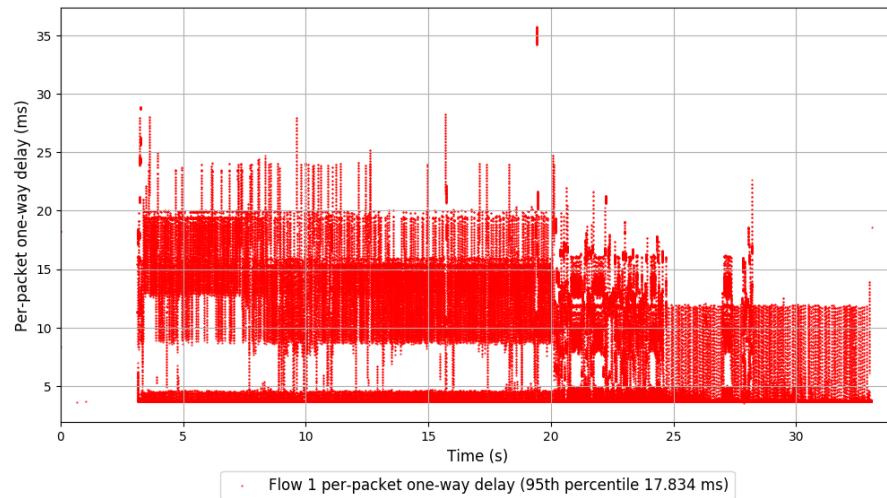
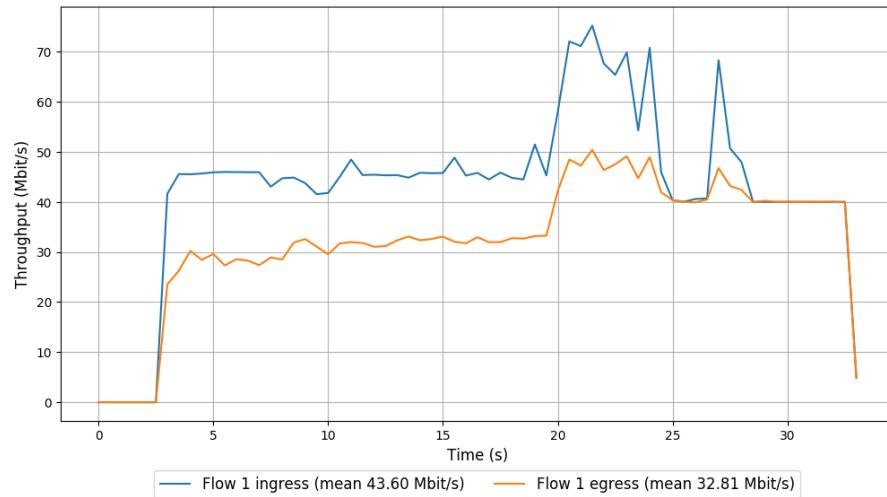


Run 4: Statistics of TaoVA-100x

```
Start at: Tue, 20 Jun 2017 00:50:40 +0000
End at: Tue, 20 Jun 2017 00:51:10 +0000
Local clock offset: 0.183 ms
Remote clock offset: 1.799 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:09:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 32.81 Mbit/s
95th percentile per-packet one-way delay: 17.834 ms
Loss rate: 24.76%
-- Flow 1:
Average throughput: 32.81 Mbit/s
95th percentile per-packet one-way delay: 17.834 ms
Loss rate: 24.76%
```

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

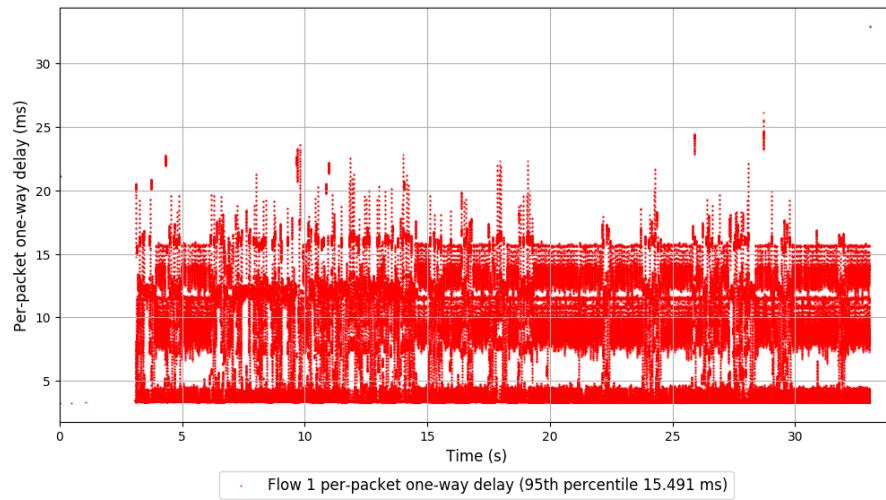
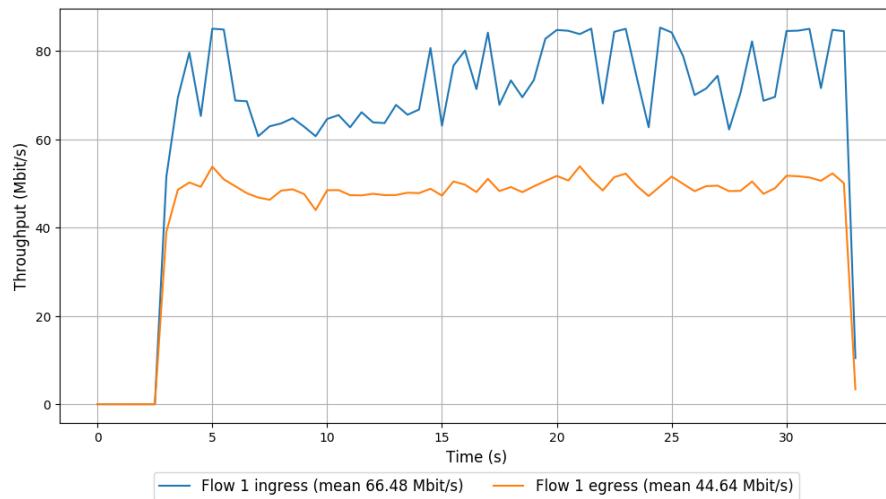


Run 5: Statistics of TaoVA-100x

```
Start at: Tue, 20 Jun 2017 01:08:56 +0000
End at: Tue, 20 Jun 2017 01:09:26 +0000
Local clock offset: 0.665 ms
Remote clock offset: 1.908 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:10:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 44.64 Mbit/s
95th percentile per-packet one-way delay: 15.491 ms
Loss rate: 32.86%
-- Flow 1:
Average throughput: 44.64 Mbit/s
95th percentile per-packet one-way delay: 15.491 ms
Loss rate: 32.86%
```

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



Run 6: Statistics of TaoVA-100x

Start at: Tue, 20 Jun 2017 01:27:10 +0000

End at: Tue, 20 Jun 2017 01:27:40 +0000

Local clock offset: -2.606 ms

Remote clock offset: 1.638 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:10:01 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 32.98 Mbit/s

95th percentile per-packet one-way delay: 21.779 ms

Loss rate: 30.83%

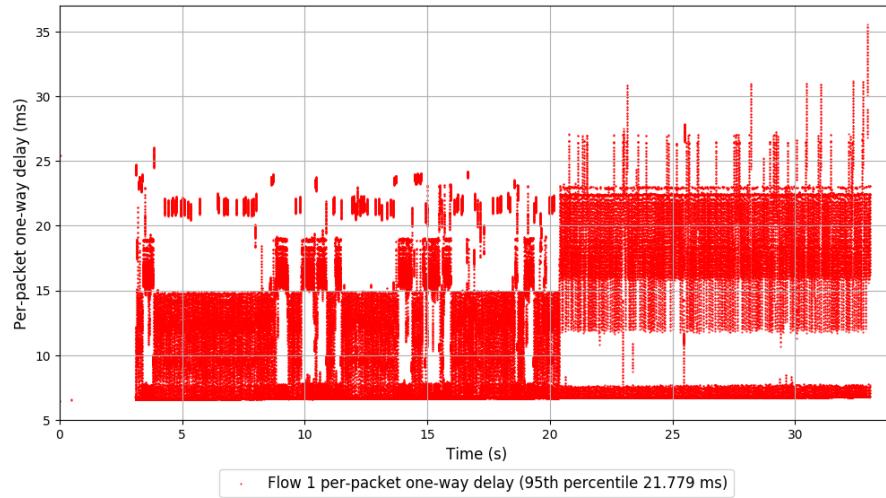
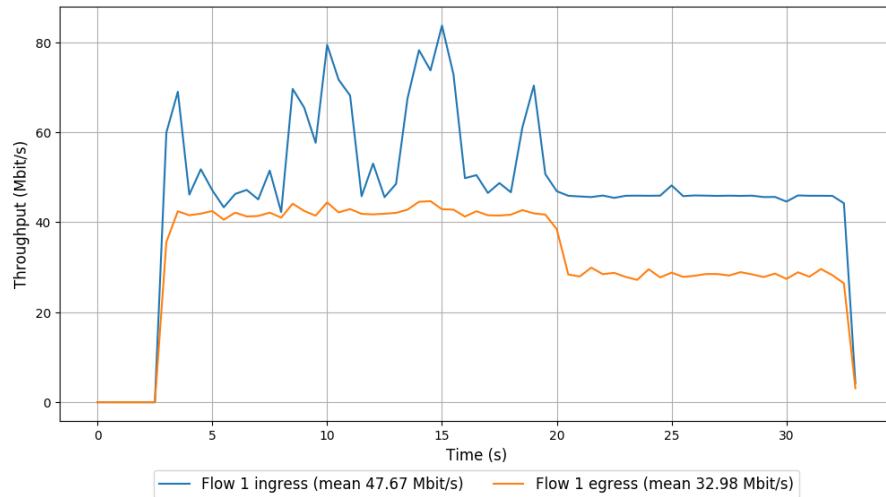
-- Flow 1:

Average throughput: 32.98 Mbit/s

95th percentile per-packet one-way delay: 21.779 ms

Loss rate: 30.83%

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



Run 7: Statistics of TaoVA-100x

Start at: Tue, 20 Jun 2017 01:45:33 +0000

End at: Tue, 20 Jun 2017 01:46:03 +0000

Local clock offset: -6.05 ms

Remote clock offset: 1.362 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:10:37 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 42.23 Mbit/s

95th percentile per-packet one-way delay: 21.914 ms

Loss rate: 36.03%

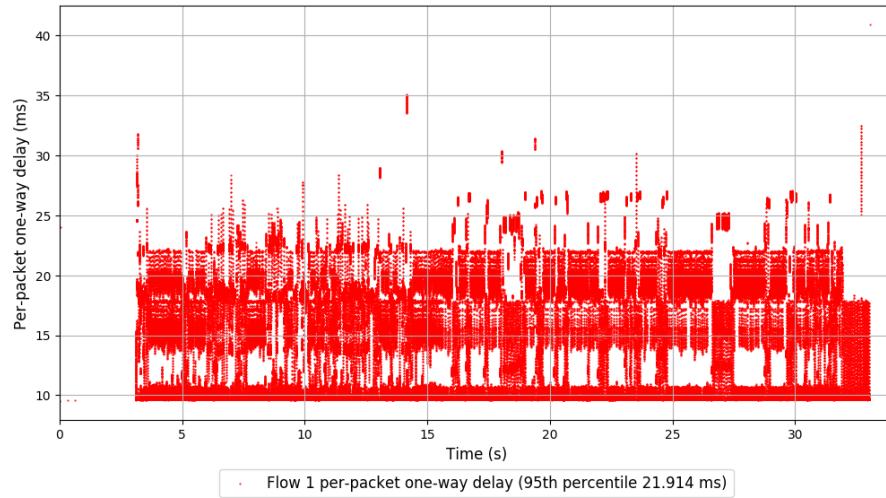
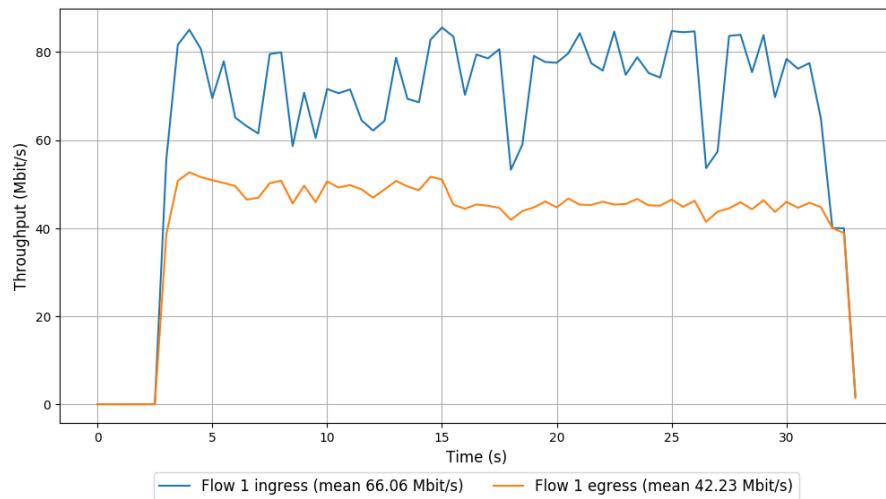
-- Flow 1:

Average throughput: 42.23 Mbit/s

95th percentile per-packet one-way delay: 21.914 ms

Loss rate: 36.03%

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



Run 8: Statistics of TaoVA-100x

Start at: Tue, 20 Jun 2017 02:04:03 +0000

End at: Tue, 20 Jun 2017 02:04:33 +0000

Local clock offset: -5.729 ms

Remote clock offset: 0.911 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:10:46 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 39.44 Mbit/s

95th percentile per-packet one-way delay: 20.581 ms

Loss rate: 37.75%

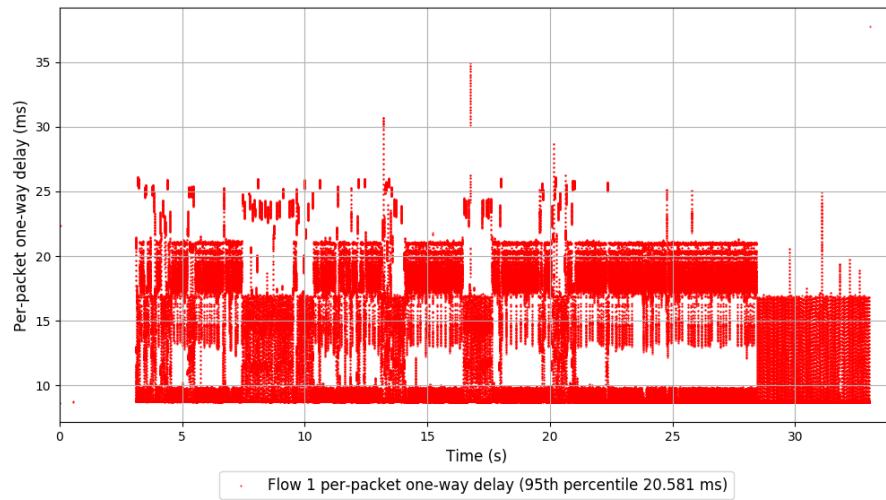
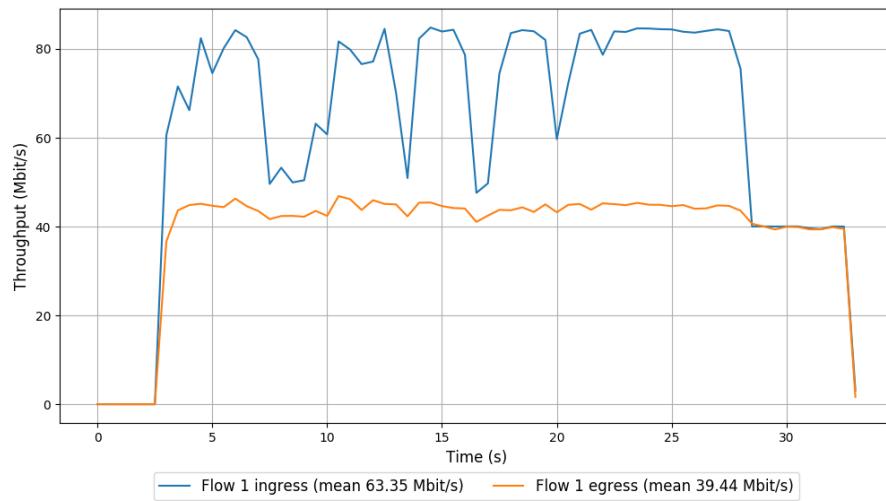
-- Flow 1:

Average throughput: 39.44 Mbit/s

95th percentile per-packet one-way delay: 20.581 ms

Loss rate: 37.75%

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



Run 9: Statistics of TaoVA-100x

Start at: Tue, 20 Jun 2017 02:22:38 +0000

End at: Tue, 20 Jun 2017 02:23:08 +0000

Local clock offset: -5.494 ms

Remote clock offset: 0.277 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:11:19 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 35.91 Mbit/s

95th percentile per-packet one-way delay: 22.700 ms

Loss rate: 39.88%

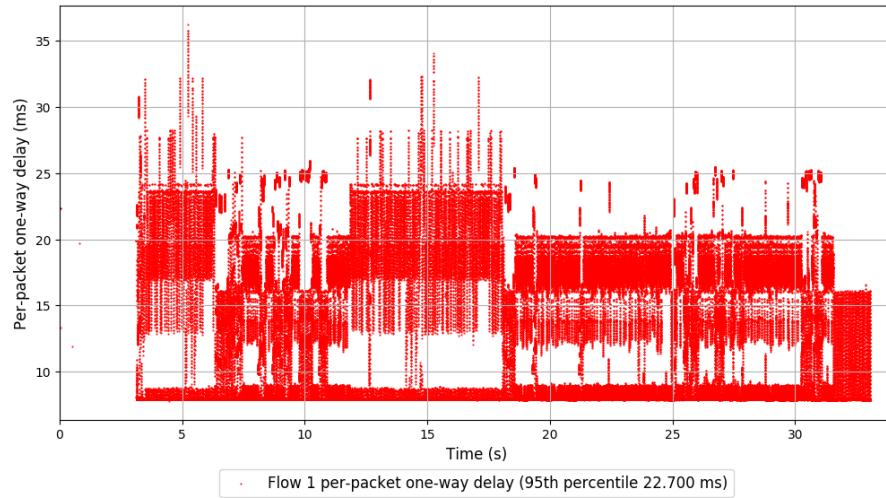
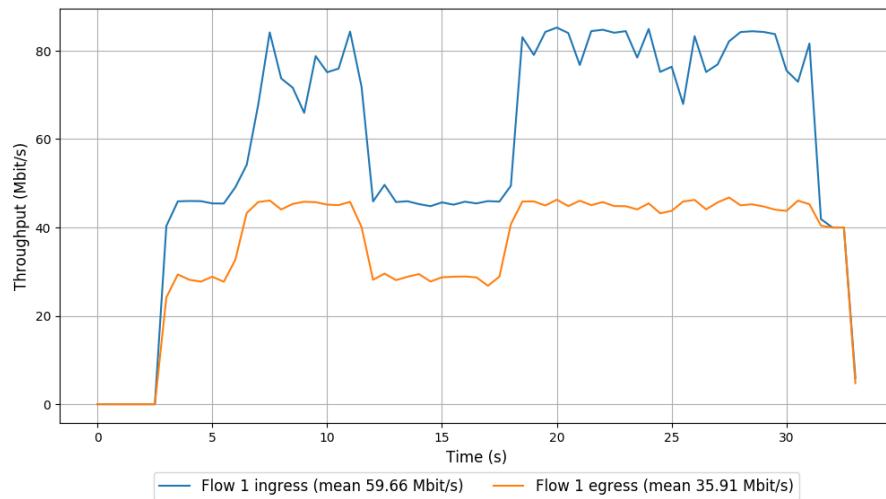
-- Flow 1:

Average throughput: 35.91 Mbit/s

95th percentile per-packet one-way delay: 22.700 ms

Loss rate: 39.88%

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



Run 10: Statistics of TaoVA-100x

Start at: Tue, 20 Jun 2017 02:41:34 +0000

End at: Tue, 20 Jun 2017 02:42:04 +0000

Local clock offset: -4.862 ms

Remote clock offset: 0.082 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:11:29 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 35.66 Mbit/s

95th percentile per-packet one-way delay: 20.204 ms

Loss rate: 28.59%

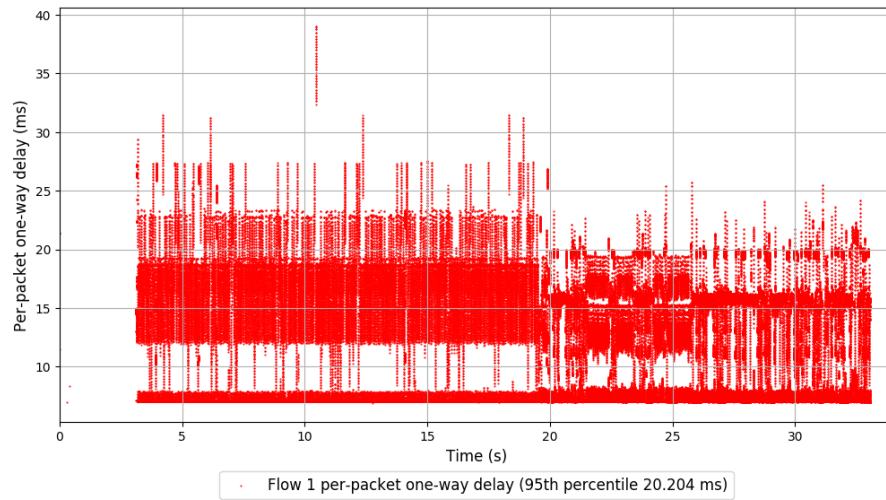
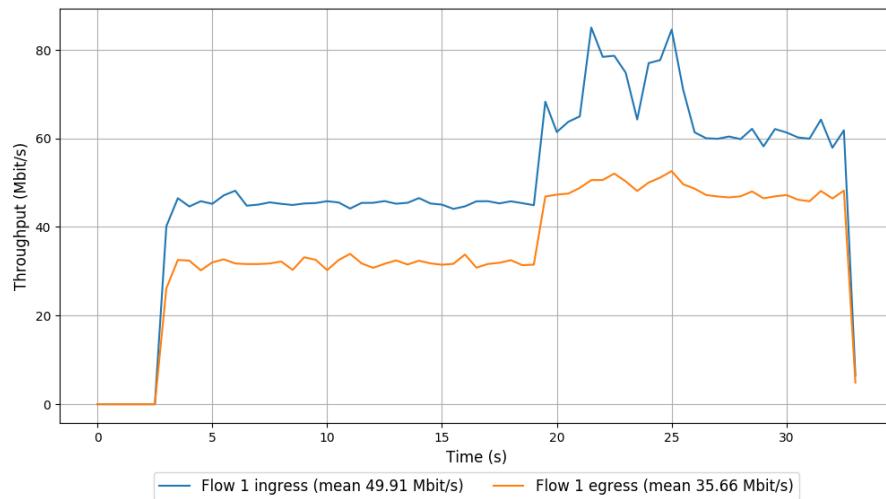
-- Flow 1:

Average throughput: 35.66 Mbit/s

95th percentile per-packet one-way delay: 20.204 ms

Loss rate: 28.59%

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

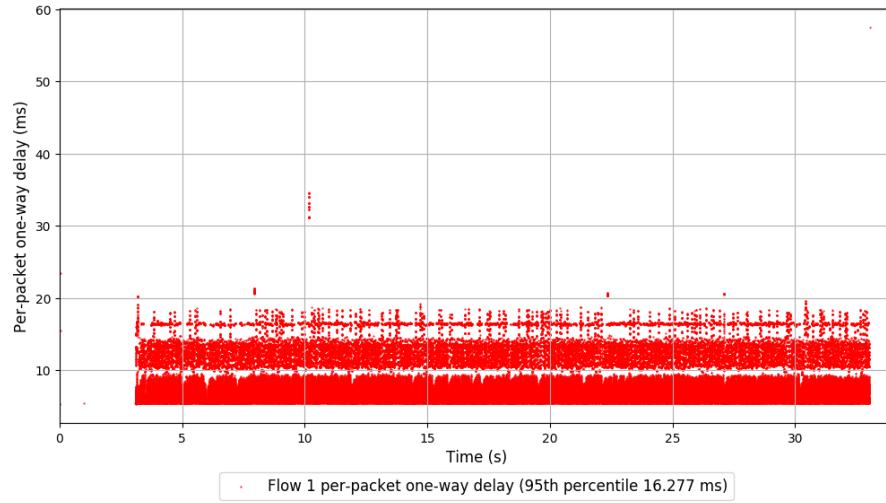
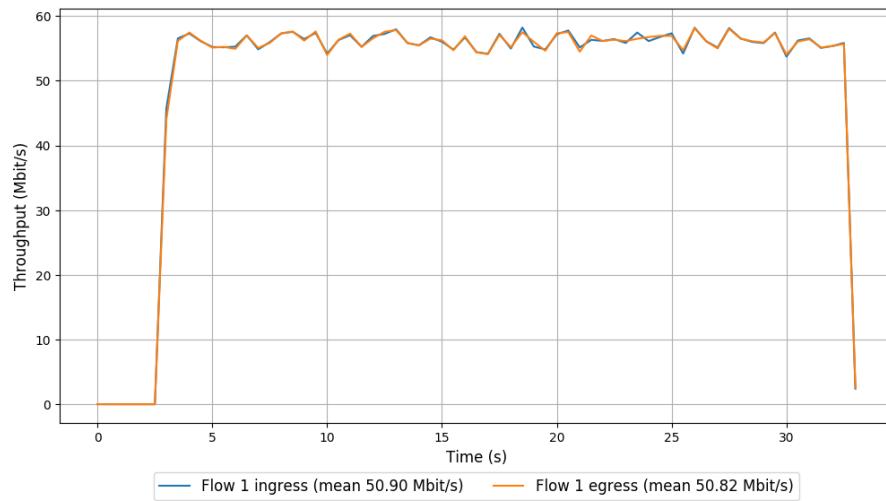


Run 1: Statistics of TCP Vegas

```
Start at: Mon, 19 Jun 2017 23:59:13 +0000
End at: Mon, 19 Jun 2017 23:59:43 +0000
Local clock offset: -2.017 ms
Remote clock offset: 1.293 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:11:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.82 Mbit/s
95th percentile per-packet one-way delay: 16.277 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 50.82 Mbit/s
95th percentile per-packet one-way delay: 16.277 ms
Loss rate: 0.07%
```

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

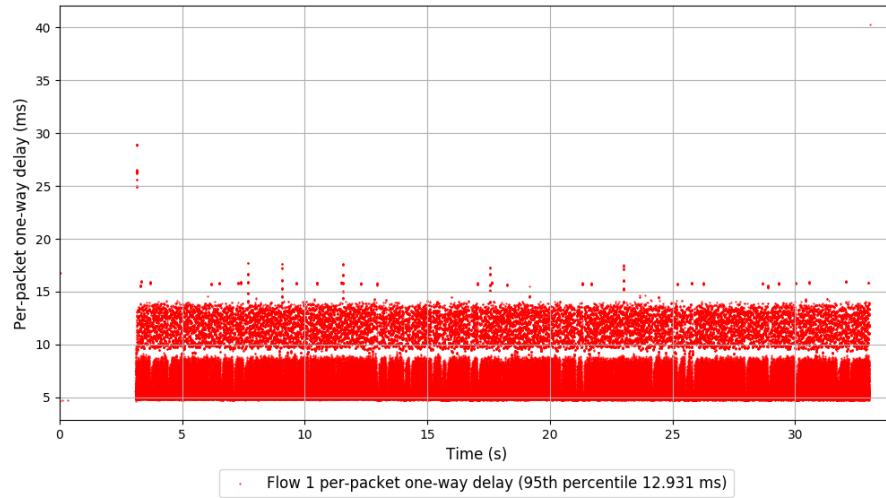
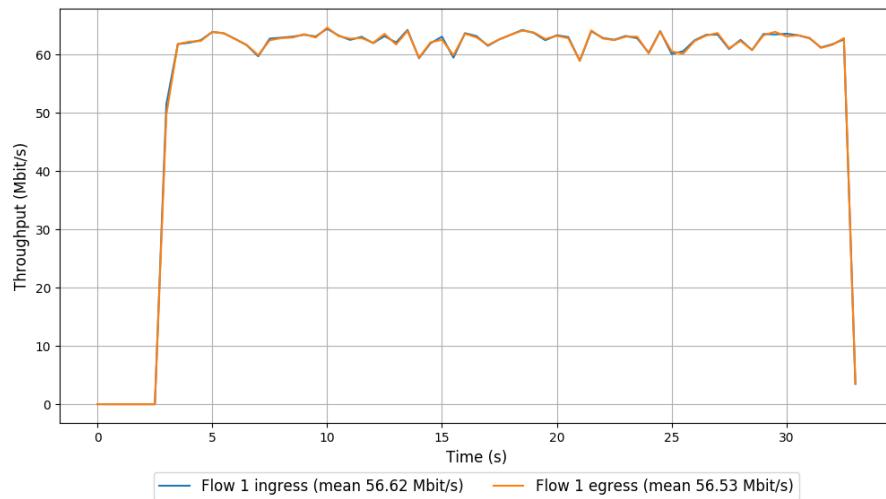


Run 2: Statistics of TCP Vegas

```
Start at: Tue, 20 Jun 2017 00:18:12 +0000
End at: Tue, 20 Jun 2017 00:18:42 +0000
Local clock offset: -1.041 ms
Remote clock offset: 1.643 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:12:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 56.53 Mbit/s
95th percentile per-packet one-way delay: 12.931 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 56.53 Mbit/s
95th percentile per-packet one-way delay: 12.931 ms
Loss rate: 0.06%
```

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

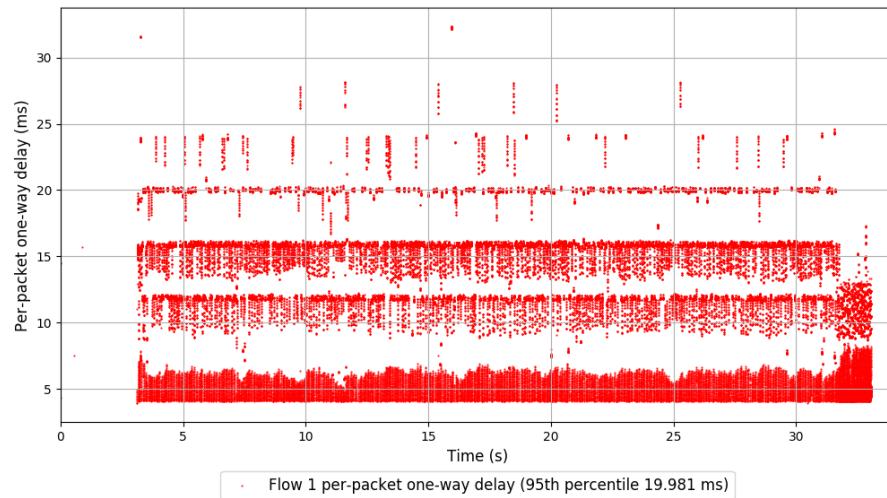
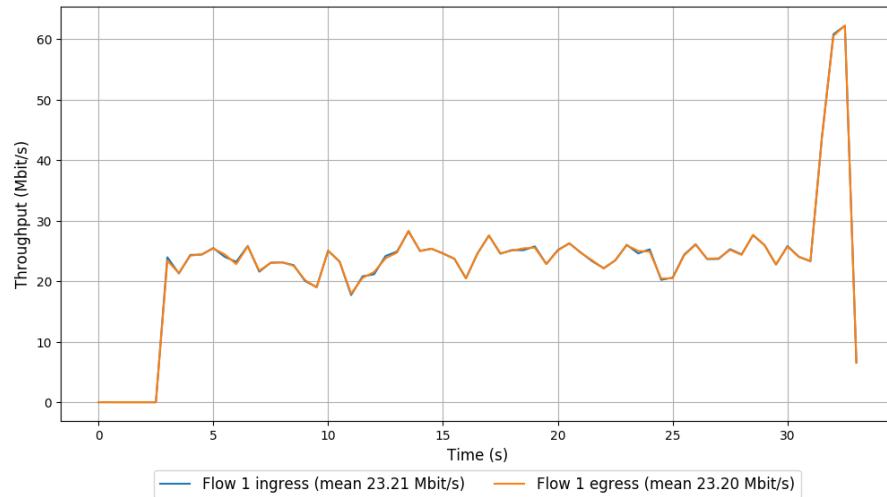


Run 3: Statistics of TCP Vegas

```
Start at: Tue, 20 Jun 2017 00:36:22 +0000
End at: Tue, 20 Jun 2017 00:36:52 +0000
Local clock offset: -0.25 ms
Remote clock offset: 1.681 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:12:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 23.20 Mbit/s
95th percentile per-packet one-way delay: 19.981 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 23.20 Mbit/s
95th percentile per-packet one-way delay: 19.981 ms
Loss rate: 0.06%
```

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

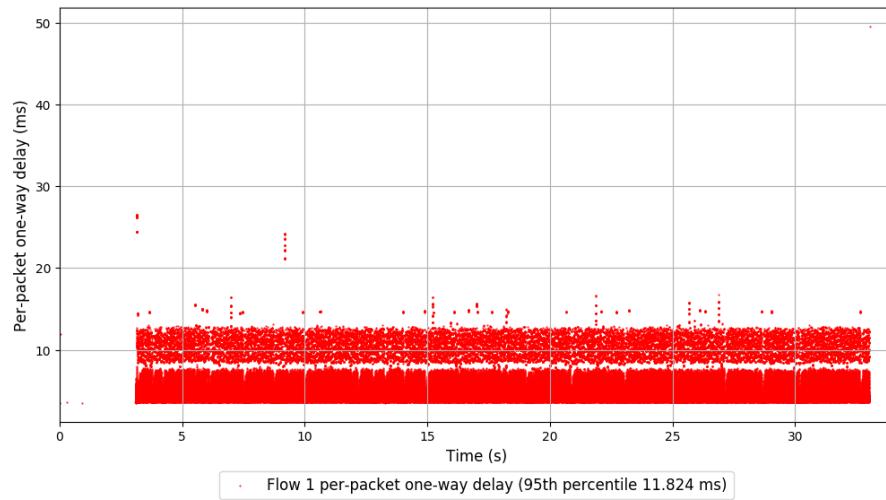
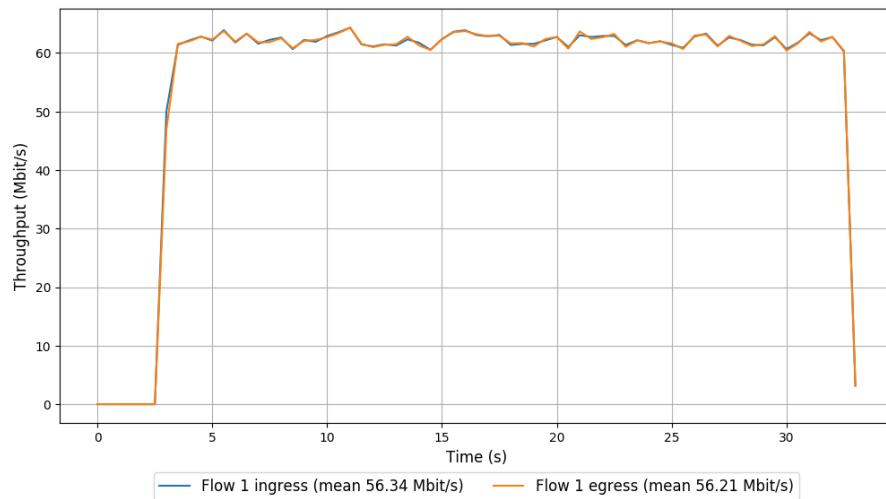


Run 4: Statistics of TCP Vegas

```
Start at: Tue, 20 Jun 2017 00:54:44 +0000
End at: Tue, 20 Jun 2017 00:55:14 +0000
Local clock offset: 0.248 ms
Remote clock offset: 1.806 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:12:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 56.21 Mbit/s
95th percentile per-packet one-way delay: 11.824 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 56.21 Mbit/s
95th percentile per-packet one-way delay: 11.824 ms
Loss rate: 0.09%
```

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

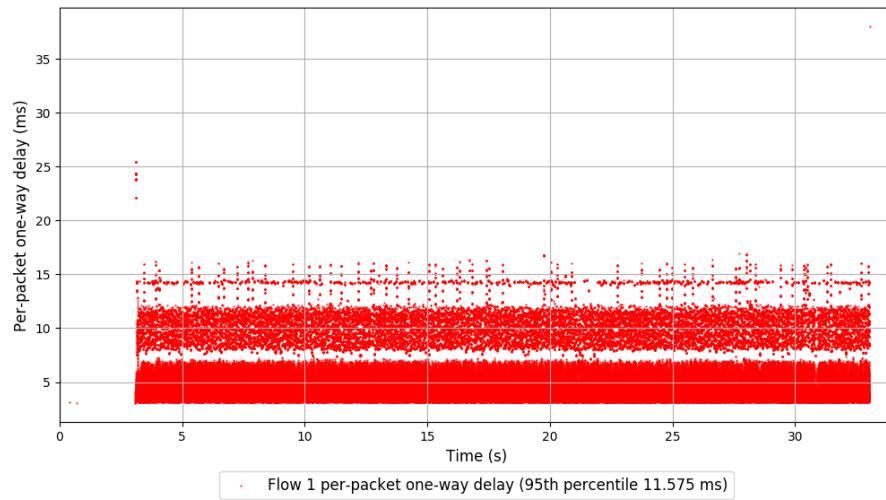
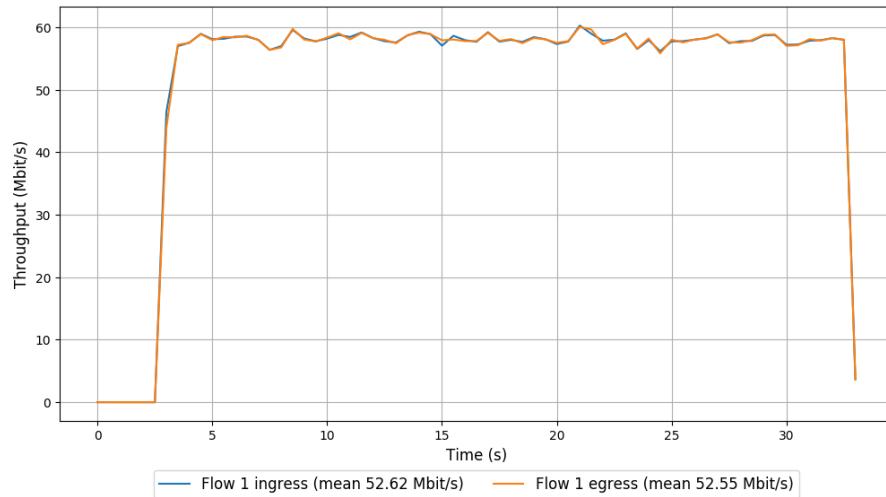


Run 5: Statistics of TCP Vegas

```
Start at: Tue, 20 Jun 2017 01:13:08 +0000
End at: Tue, 20 Jun 2017 01:13:38 +0000
Local clock offset: 0.756 ms
Remote clock offset: 1.869 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:12:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 52.55 Mbit/s
95th percentile per-packet one-way delay: 11.575 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 52.55 Mbit/s
95th percentile per-packet one-way delay: 11.575 ms
Loss rate: 0.07%
```

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

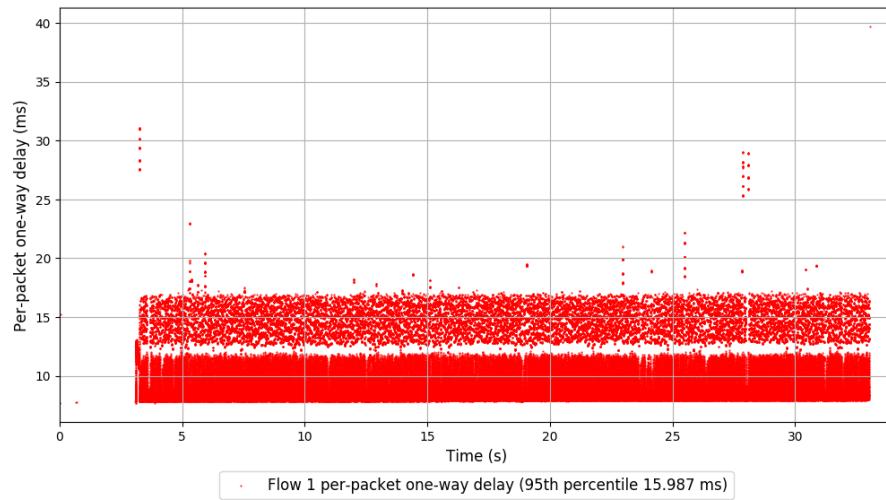
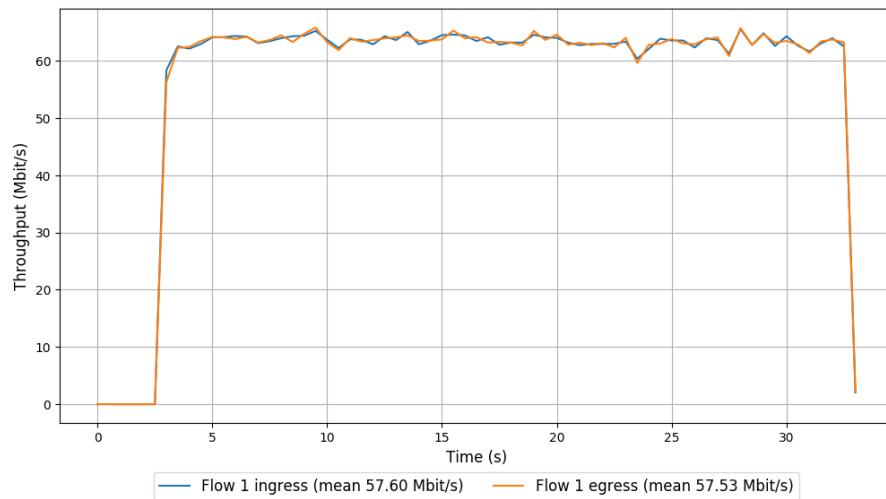


Run 6: Statistics of TCP Vegas

```
Start at: Tue, 20 Jun 2017 01:31:18 +0000
End at: Tue, 20 Jun 2017 01:31:48 +0000
Local clock offset: -4.033 ms
Remote clock offset: 1.69 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:13:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 57.53 Mbit/s
95th percentile per-packet one-way delay: 15.987 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 57.53 Mbit/s
95th percentile per-packet one-way delay: 15.987 ms
Loss rate: 0.04%
```

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

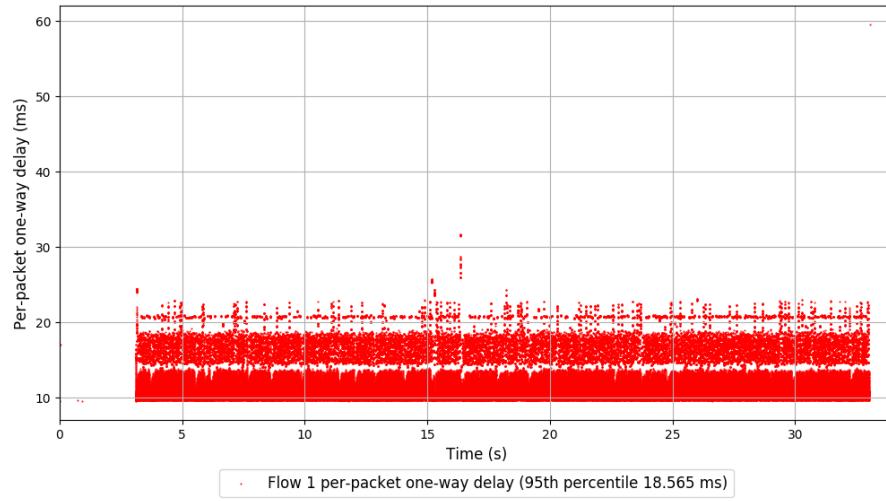
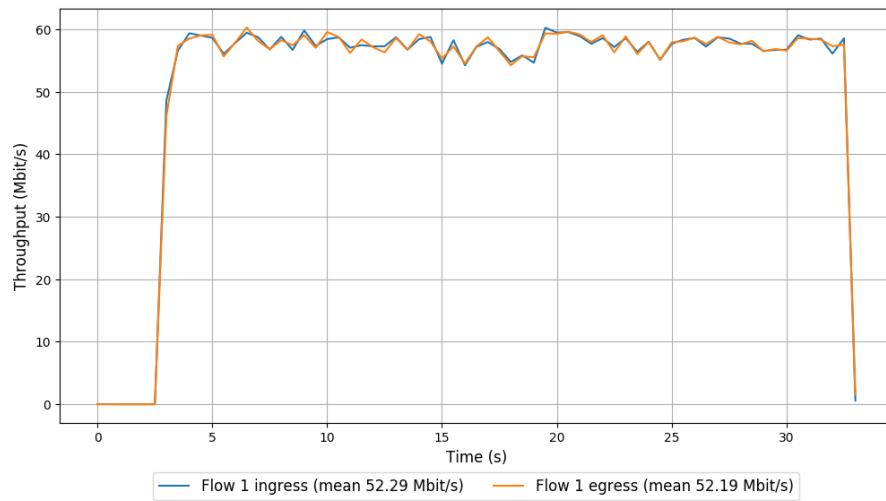


Run 7: Statistics of TCP Vegas

```
Start at: Tue, 20 Jun 2017 01:49:46 +0000
End at: Tue, 20 Jun 2017 01:50:16 +0000
Local clock offset: -6.181 ms
Remote clock offset: 1.362 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:13:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 52.19 Mbit/s
95th percentile per-packet one-way delay: 18.565 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 52.19 Mbit/s
95th percentile per-packet one-way delay: 18.565 ms
Loss rate: 0.06%
```

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

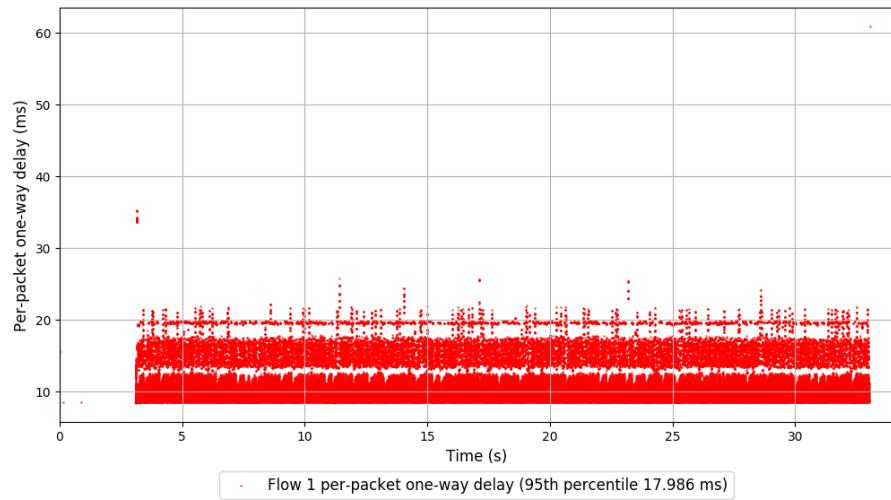
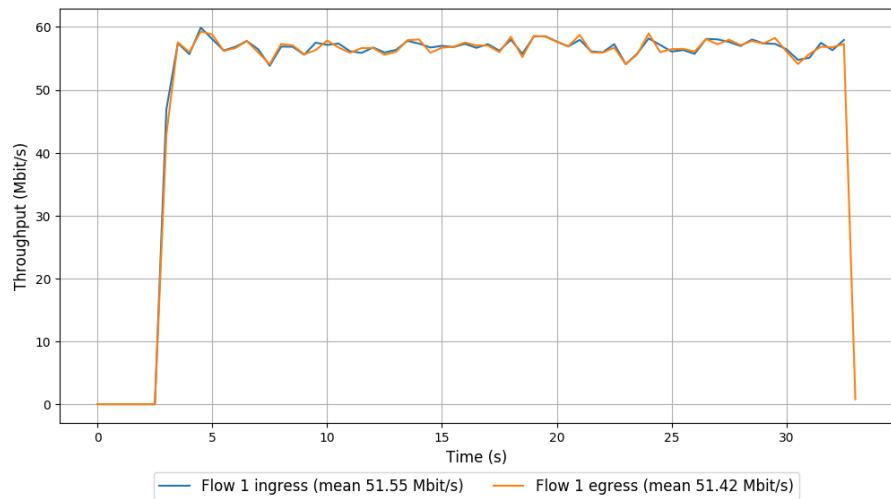


Run 8: Statistics of TCP Vegas

```
Start at: Tue, 20 Jun 2017 02:08:16 +0000
End at: Tue, 20 Jun 2017 02:08:46 +0000
Local clock offset: -5.639 ms
Remote clock offset: 0.747 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:13:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 51.42 Mbit/s
95th percentile per-packet one-way delay: 17.986 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 51.42 Mbit/s
95th percentile per-packet one-way delay: 17.986 ms
Loss rate: 0.12%
```

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

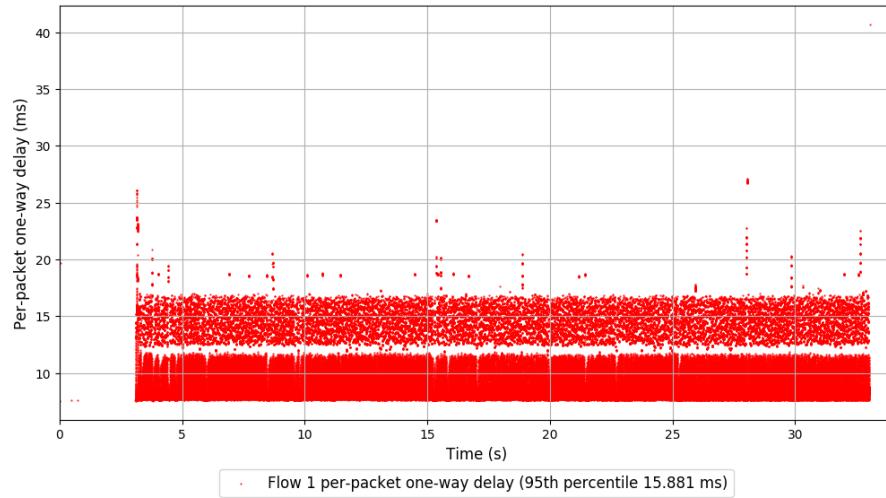
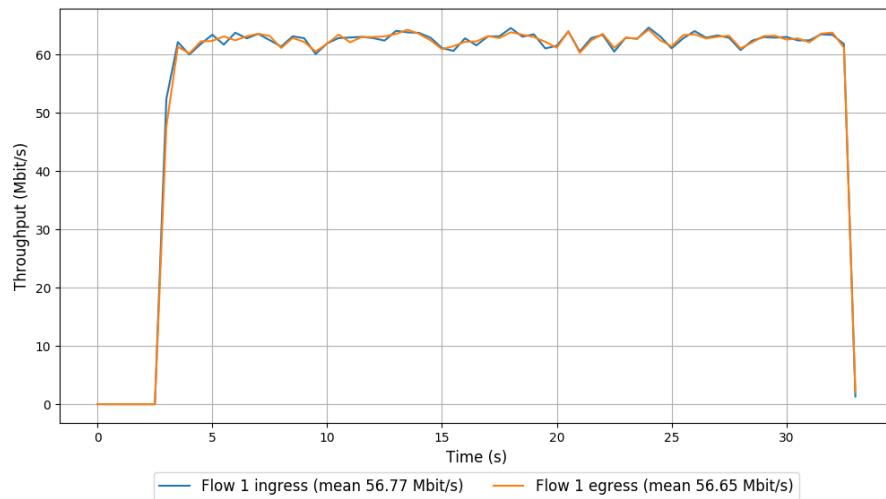


Run 9: Statistics of TCP Vegas

```
Start at: Tue, 20 Jun 2017 02:26:47 +0000
End at: Tue, 20 Jun 2017 02:27:17 +0000
Local clock offset: -5.266 ms
Remote clock offset: 0.333 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:13:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 56.65 Mbit/s
95th percentile per-packet one-way delay: 15.881 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 56.65 Mbit/s
95th percentile per-packet one-way delay: 15.881 ms
Loss rate: 0.14%
```

Run 9: Report of TCP Vegas — Data Link

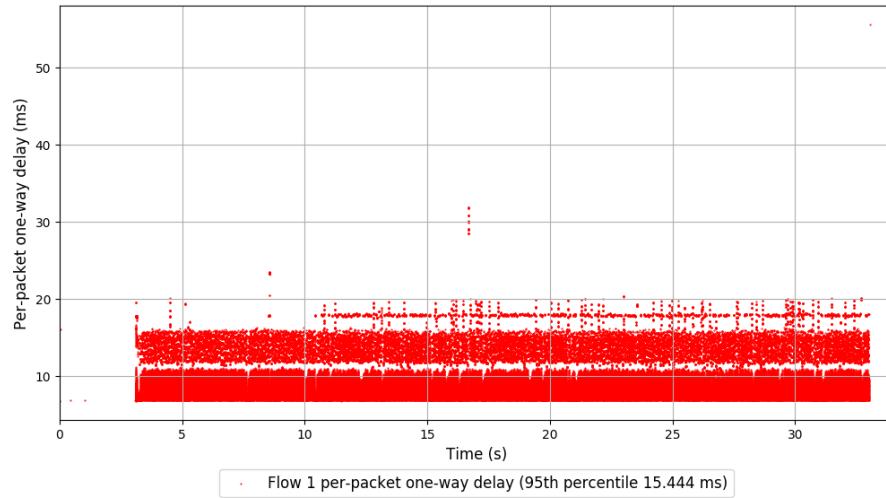
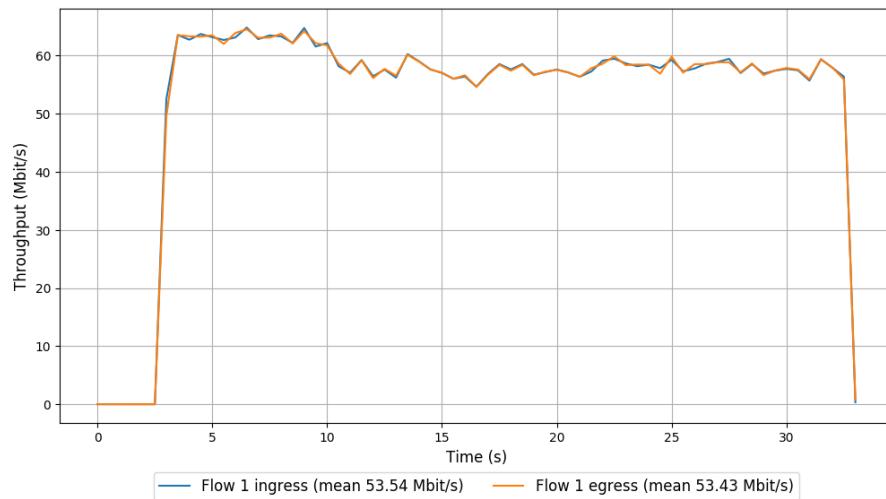


Run 10: Statistics of TCP Vegas

```
Start at: Tue, 20 Jun 2017 02:45:38 +0000
End at: Tue, 20 Jun 2017 02:46:08 +0000
Local clock offset: -4.821 ms
Remote clock offset: 0.014 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:14:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.43 Mbit/s
95th percentile per-packet one-way delay: 15.444 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 53.43 Mbit/s
95th percentile per-packet one-way delay: 15.444 ms
Loss rate: 0.08%
```

Run 10: Report of TCP Vegas — Data Link

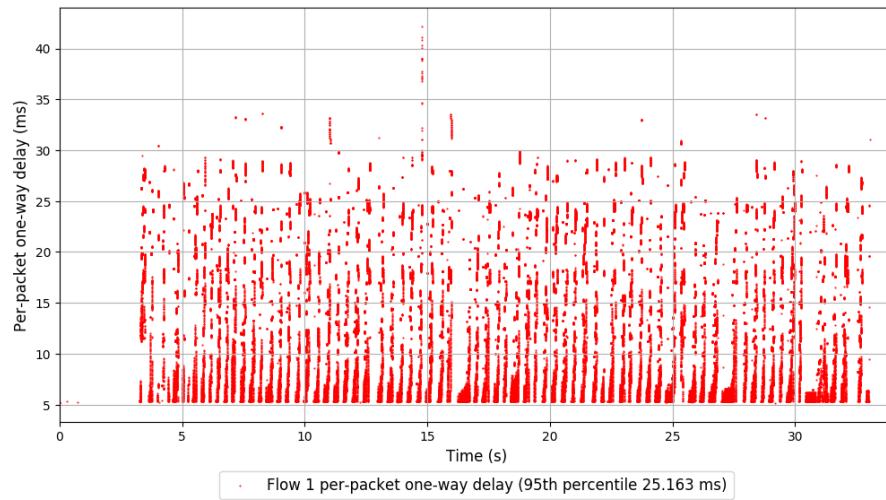
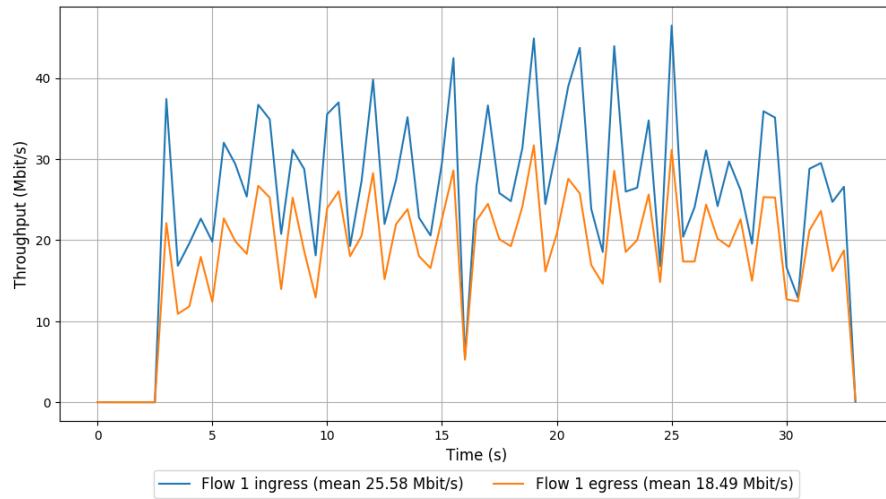


Run 1: Statistics of Verus

```
Start at: Tue, 20 Jun 2017 00:06:29 +0000
End at: Tue, 20 Jun 2017 00:06:59 +0000
Local clock offset: -1.724 ms
Remote clock offset: 1.467 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:14:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.49 Mbit/s
95th percentile per-packet one-way delay: 25.163 ms
Loss rate: 27.66%
-- Flow 1:
Average throughput: 18.49 Mbit/s
95th percentile per-packet one-way delay: 25.163 ms
Loss rate: 27.66%
```

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

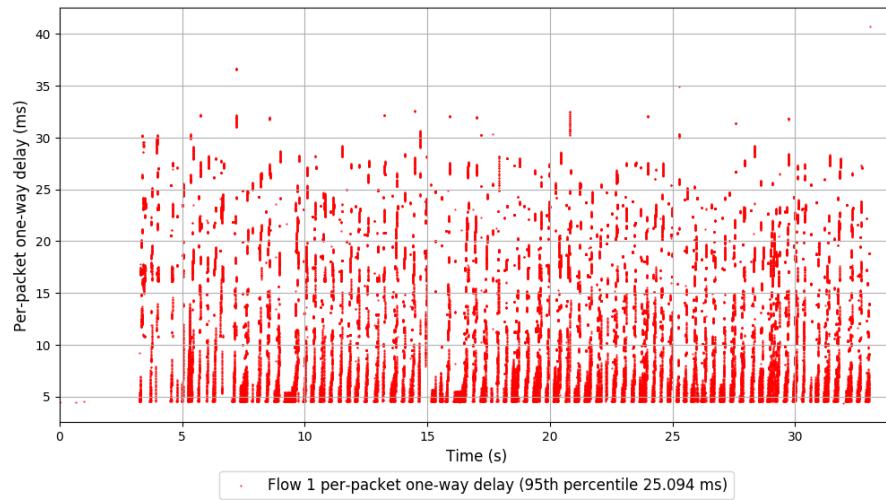
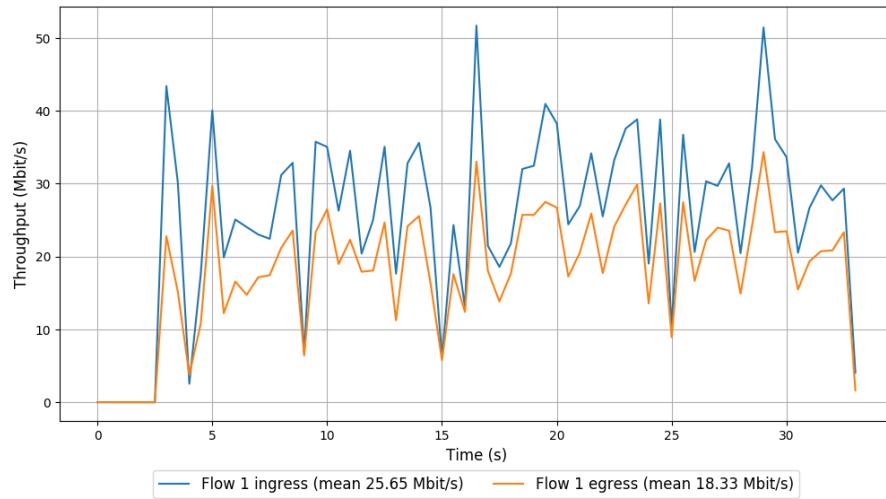


Run 2: Statistics of Verus

```
Start at: Tue, 20 Jun 2017 00:25:13 +0000
End at: Tue, 20 Jun 2017 00:25:43 +0000
Local clock offset: -1.546 ms
Remote clock offset: 1.738 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:14:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.33 Mbit/s
95th percentile per-packet one-way delay: 25.094 ms
Loss rate: 28.50%
-- Flow 1:
Average throughput: 18.33 Mbit/s
95th percentile per-packet one-way delay: 25.094 ms
Loss rate: 28.50%
```

## Run 2: Report of Verus — Data Link

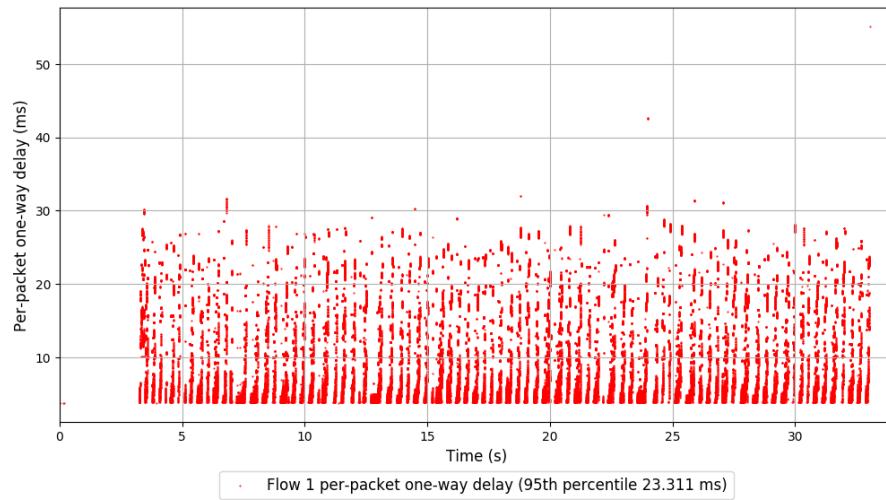
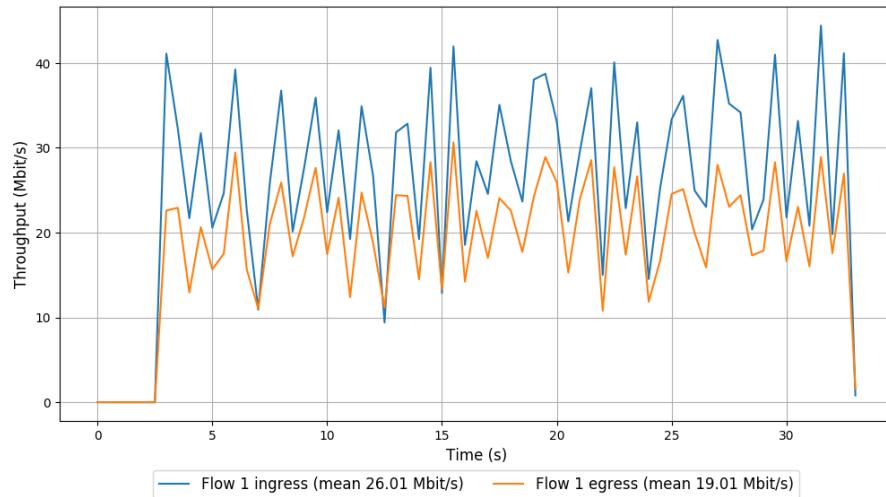


Run 3: Statistics of Verus

```
Start at: Tue, 20 Jun 2017 00:43:32 +0000
End at: Tue, 20 Jun 2017 00:44:02 +0000
Local clock offset: -0.096 ms
Remote clock offset: 1.783 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:14:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 19.01 Mbit/s
95th percentile per-packet one-way delay: 23.311 ms
Loss rate: 26.81%
-- Flow 1:
Average throughput: 19.01 Mbit/s
95th percentile per-packet one-way delay: 23.311 ms
Loss rate: 26.81%
```

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

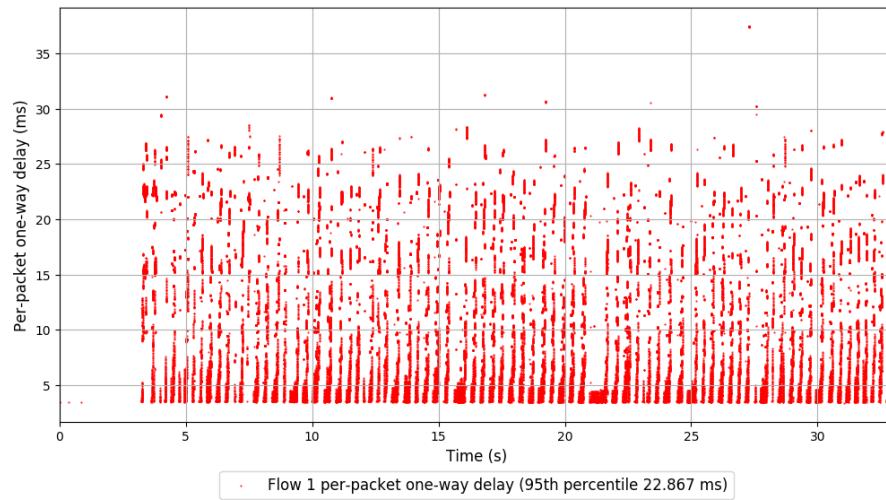
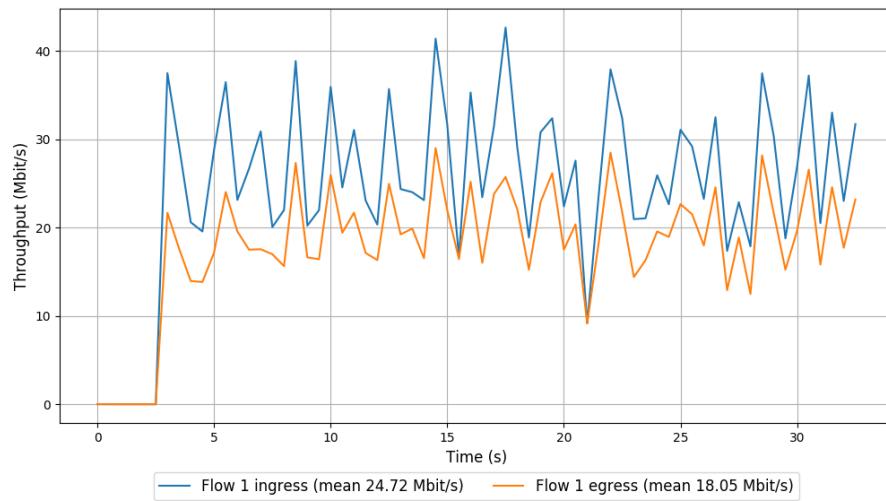


Run 4: Statistics of Verus

```
Start at: Tue, 20 Jun 2017 01:01:57 +0000
End at: Tue, 20 Jun 2017 01:02:27 +0000
Local clock offset: 0.394 ms
Remote clock offset: 1.879 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:14:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.05 Mbit/s
95th percentile per-packet one-way delay: 22.867 ms
Loss rate: 26.95%
-- Flow 1:
Average throughput: 18.05 Mbit/s
95th percentile per-packet one-way delay: 22.867 ms
Loss rate: 26.95%
```

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

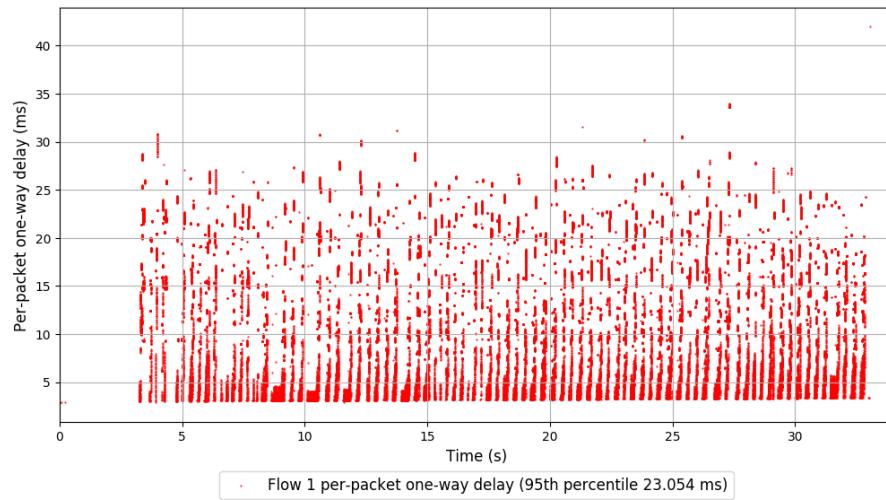
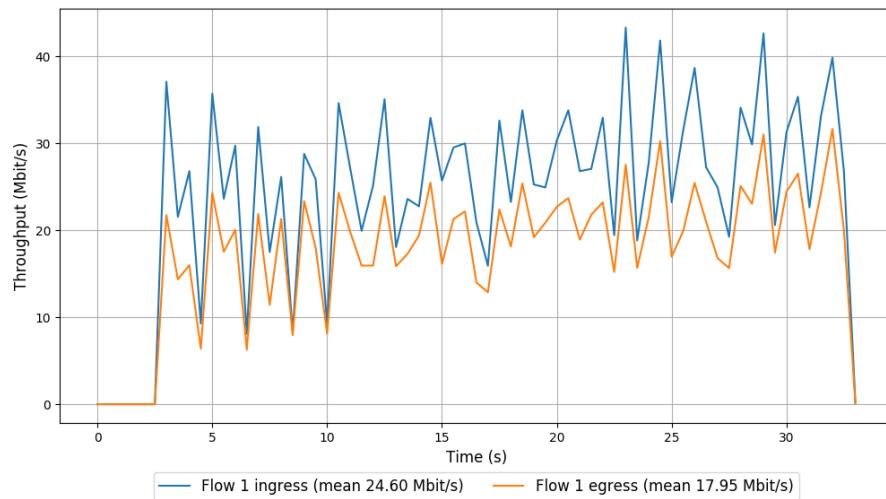


Run 5: Statistics of Verus

```
Start at: Tue, 20 Jun 2017 01:20:21 +0000
End at: Tue, 20 Jun 2017 01:20:51 +0000
Local clock offset: 0.966 ms
Remote clock offset: 1.783 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:14:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.95 Mbit/s
95th percentile per-packet one-way delay: 23.054 ms
Loss rate: 26.94%
-- Flow 1:
Average throughput: 17.95 Mbit/s
95th percentile per-packet one-way delay: 23.054 ms
Loss rate: 26.94%
```

Run 5: Report of Verus — Data Link

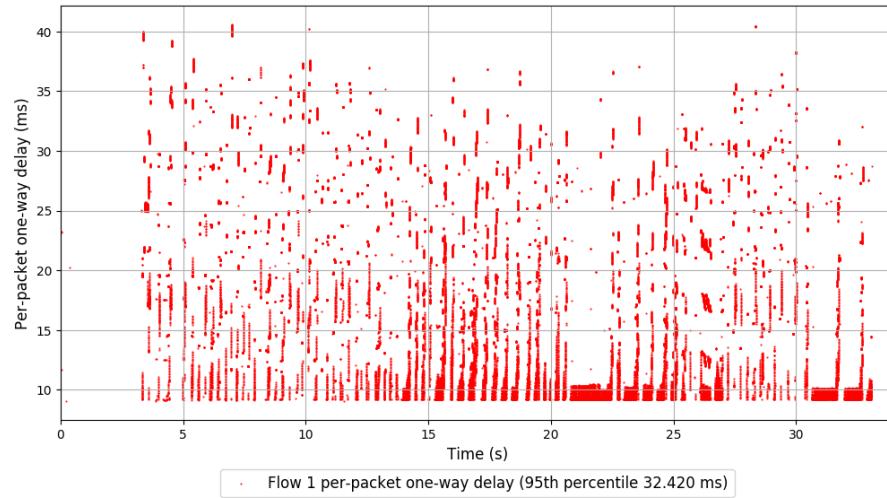
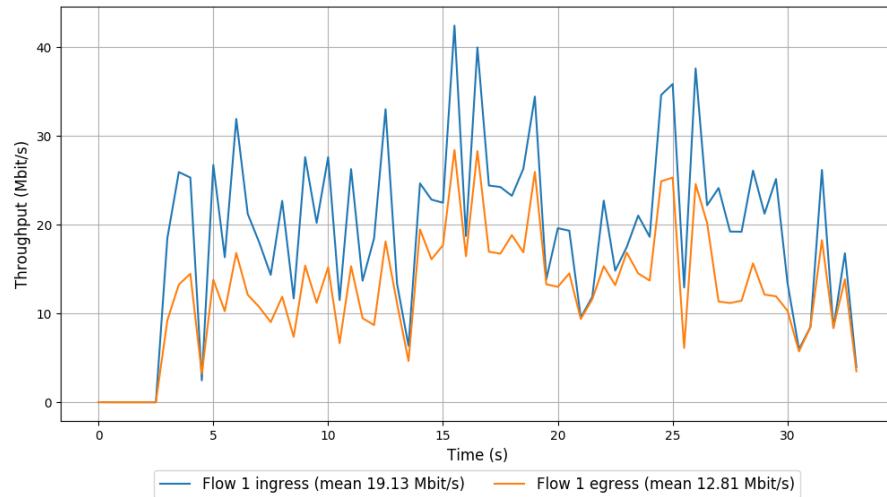


Run 6: Statistics of Verus

```
Start at: Tue, 20 Jun 2017 01:38:29 +0000
End at: Tue, 20 Jun 2017 01:38:59 +0000
Local clock offset: -5.393 ms
Remote clock offset: 1.578 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:14:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.81 Mbit/s
95th percentile per-packet one-way delay: 32.420 ms
Loss rate: 33.05%
-- Flow 1:
Average throughput: 12.81 Mbit/s
95th percentile per-packet one-way delay: 32.420 ms
Loss rate: 33.05%
```

## Run 6: Report of Verus — Data Link

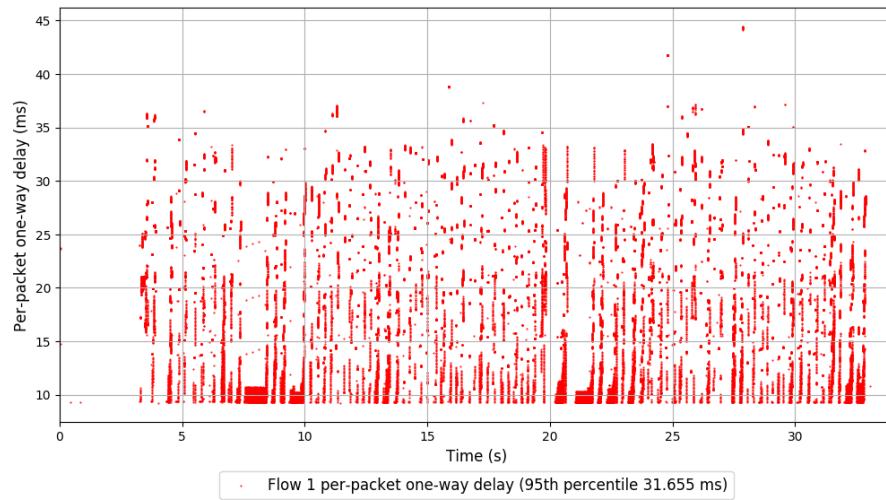
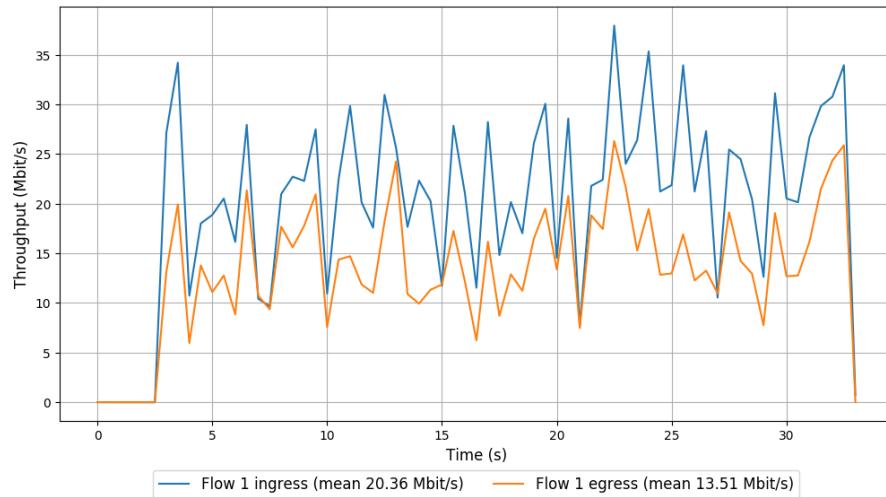


Run 7: Statistics of Verus

```
Start at: Tue, 20 Jun 2017 01:56:58 +0000
End at: Tue, 20 Jun 2017 01:57:28 +0000
Local clock offset: -6.54 ms
Remote clock offset: 1.182 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:15:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.51 Mbit/s
95th percentile per-packet one-way delay: 31.655 ms
Loss rate: 33.69%
-- Flow 1:
Average throughput: 13.51 Mbit/s
95th percentile per-packet one-way delay: 31.655 ms
Loss rate: 33.69%
```

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

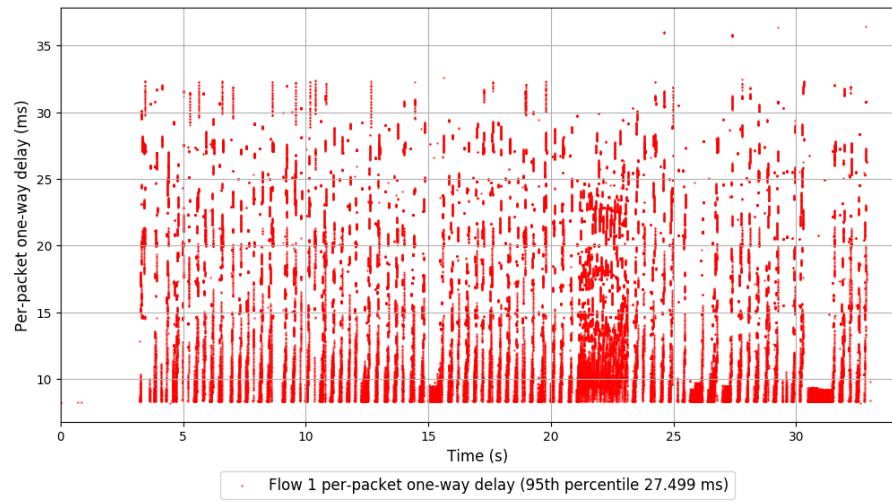
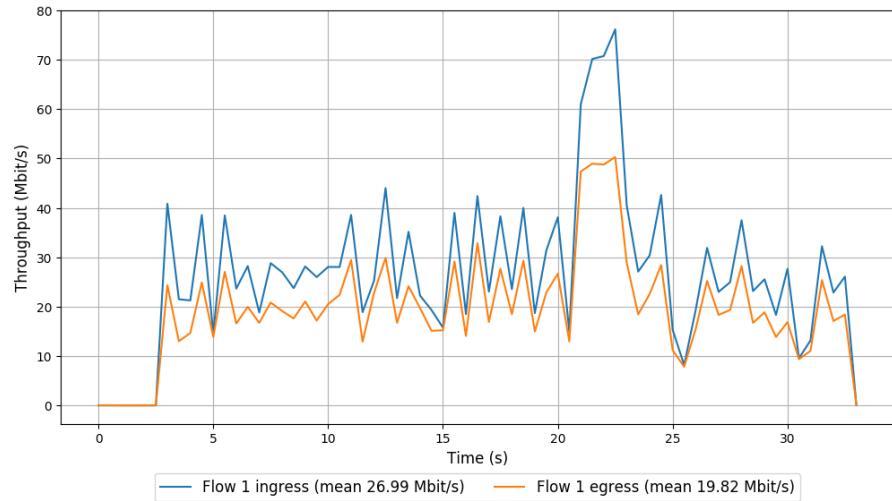


Run 8: Statistics of Verus

```
Start at: Tue, 20 Jun 2017 02:15:27 +0000
End at: Tue, 20 Jun 2017 02:15:57 +0000
Local clock offset: -5.753 ms
Remote clock offset: 0.567 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:15:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 19.82 Mbit/s
95th percentile per-packet one-way delay: 27.499 ms
Loss rate: 26.57%
-- Flow 1:
Average throughput: 19.82 Mbit/s
95th percentile per-packet one-way delay: 27.499 ms
Loss rate: 26.57%
```

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

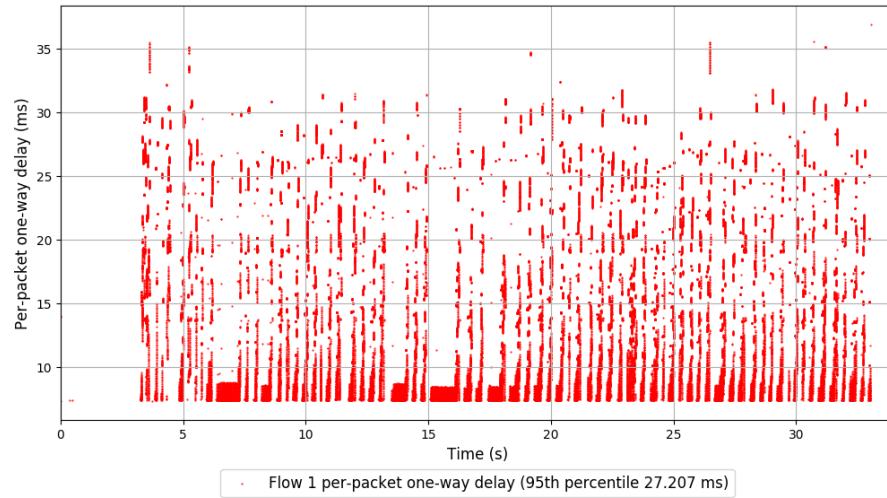
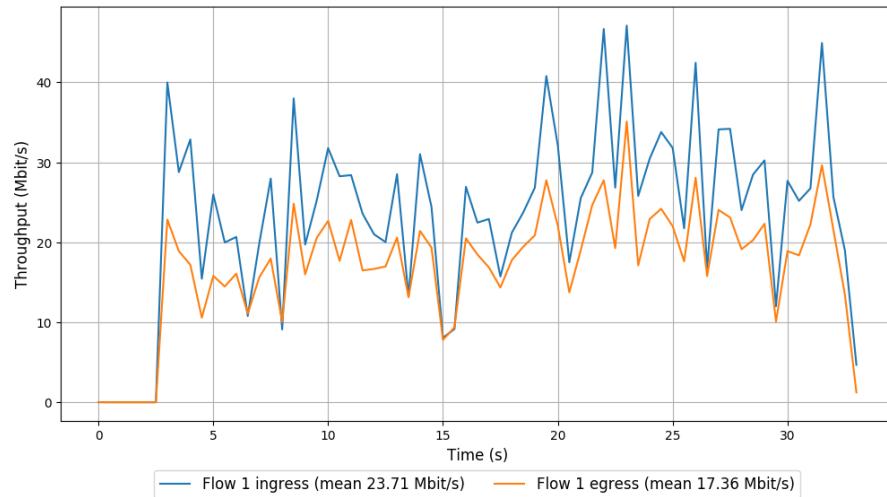


Run 9: Statistics of Verus

```
Start at: Tue, 20 Jun 2017 02:34:06 +0000
End at: Tue, 20 Jun 2017 02:34:36 +0000
Local clock offset: -5.132 ms
Remote clock offset: 0.141 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:15:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.36 Mbit/s
95th percentile per-packet one-way delay: 27.207 ms
Loss rate: 26.81%
-- Flow 1:
Average throughput: 17.36 Mbit/s
95th percentile per-packet one-way delay: 27.207 ms
Loss rate: 26.81%
```

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

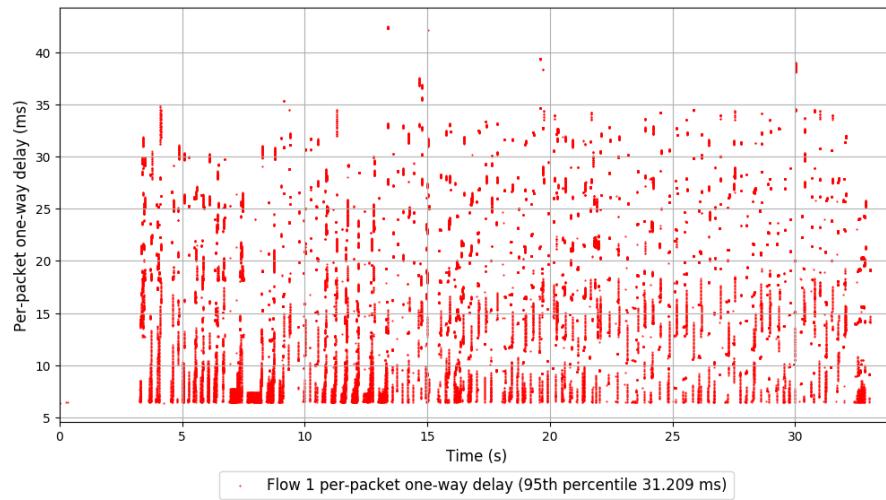
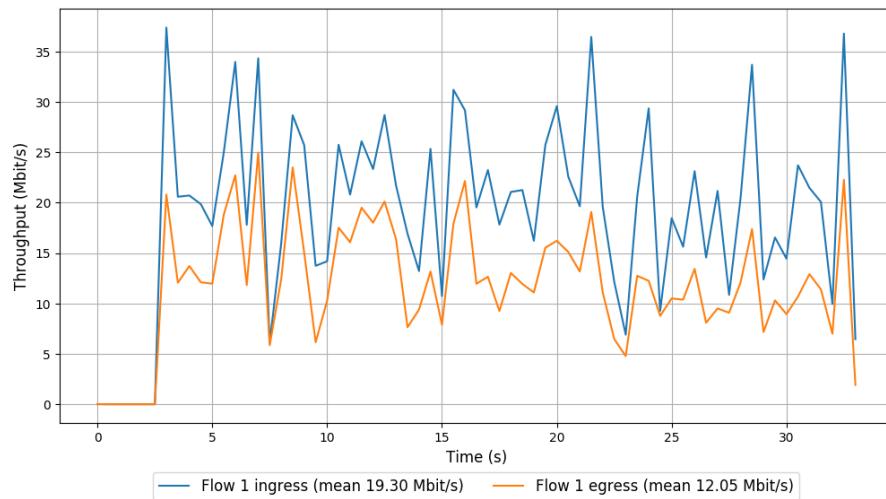


Run 10: Statistics of Verus

```
Start at: Tue, 20 Jun 2017 02:52:52 +0000
End at: Tue, 20 Jun 2017 02:53:22 +0000
Local clock offset: -4.458 ms
Remote clock offset: -0.11 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:15:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.05 Mbit/s
95th percentile per-packet one-way delay: 31.209 ms
Loss rate: 37.58%
-- Flow 1:
Average throughput: 12.05 Mbit/s
95th percentile per-packet one-way delay: 31.209 ms
Loss rate: 37.58%
```

Run 10: Report of Verus — Data Link

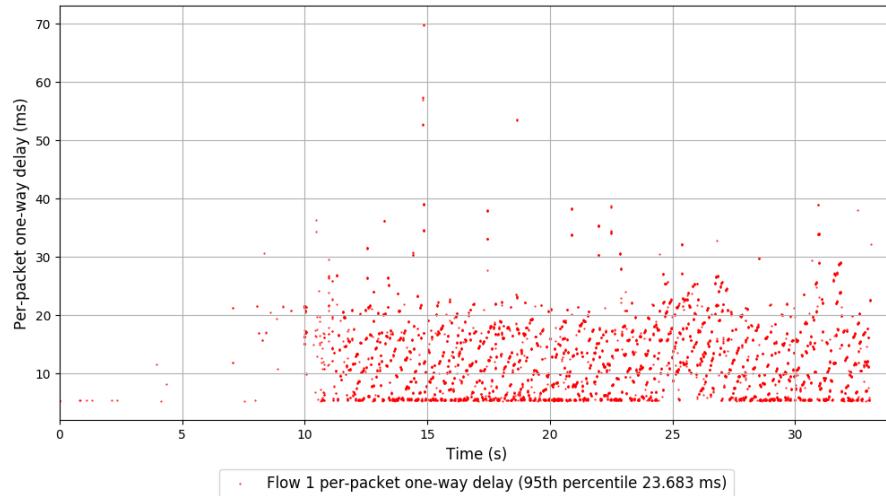
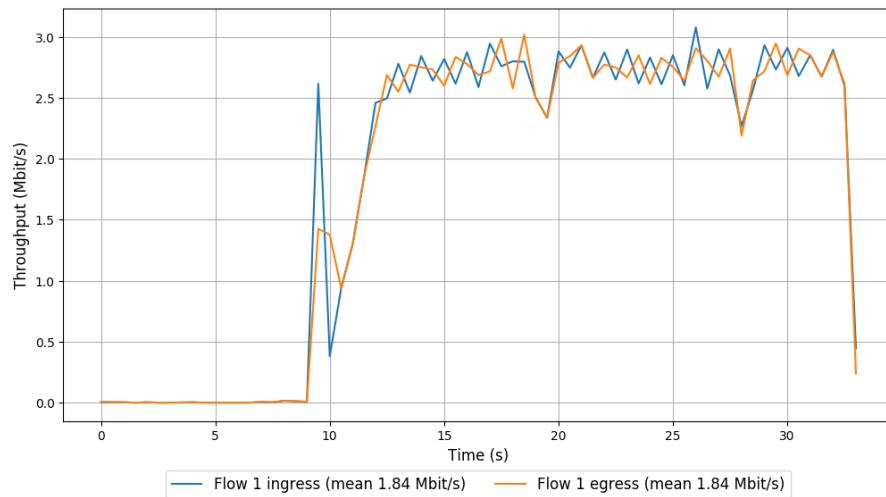


```
Run 1: Statistics of WebRTC media

Start at: Tue, 20 Jun 2017 00:04:05 +0000
End at: Tue, 20 Jun 2017 00:04:35 +0000
Local clock offset: -1.82 ms
Remote clock offset: 1.405 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:15:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.84 Mbit/s
95th percentile per-packet one-way delay: 23.683 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 1.84 Mbit/s
95th percentile per-packet one-way delay: 23.683 ms
Loss rate: 0.33%
```

Run 1: Report of WebRTC media — Data Link

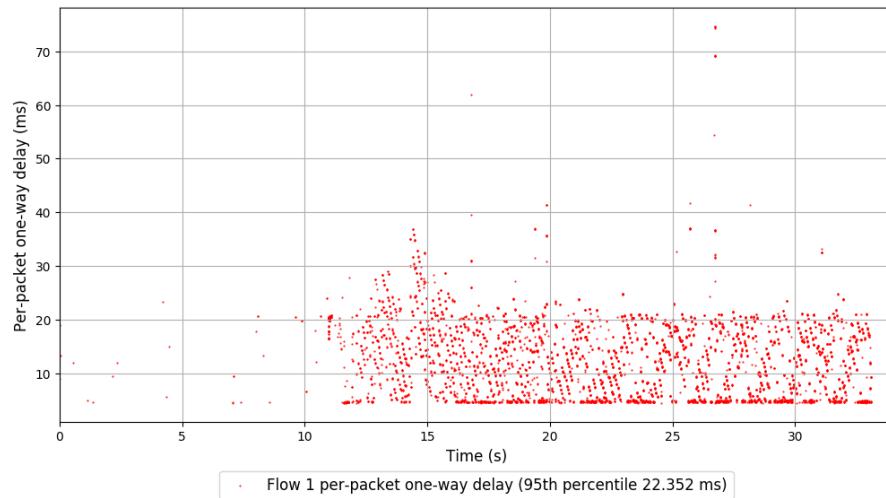
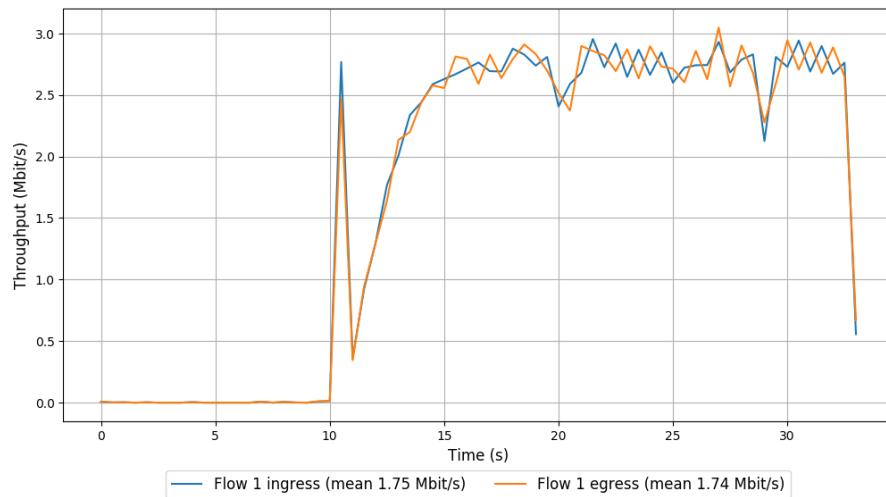


```
Run 2: Statistics of WebRTC media

Start at: Tue, 20 Jun 2017 00:22:56 +0000
End at: Tue, 20 Jun 2017 00:23:26 +0000
Local clock offset: -0.826 ms
Remote clock offset: 1.727 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:15:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.74 Mbit/s
95th percentile per-packet one-way delay: 22.352 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 1.74 Mbit/s
95th percentile per-packet one-way delay: 22.352 ms
Loss rate: 0.26%
```

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

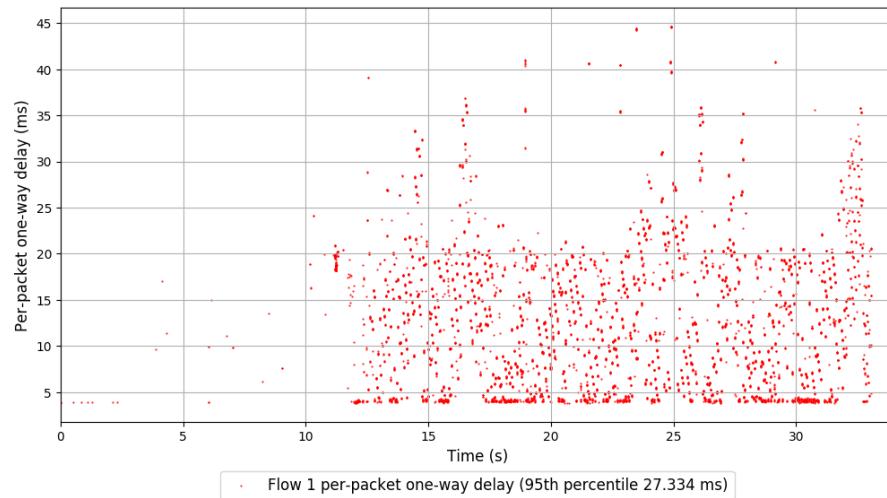
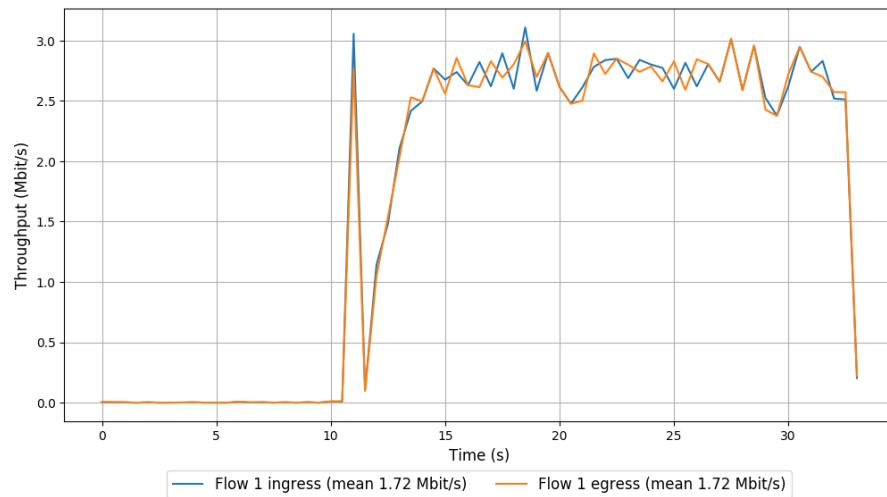


```
Run 3: Statistics of WebRTC media

Start at: Tue, 20 Jun 2017 00:41:08 +0000
End at: Tue, 20 Jun 2017 00:41:38 +0000
Local clock offset: -0.085 ms
Remote clock offset: 1.773 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:15:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.72 Mbit/s
95th percentile per-packet one-way delay: 27.334 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 1.72 Mbit/s
95th percentile per-packet one-way delay: 27.334 ms
Loss rate: 0.25%
```

Run 3: Report of WebRTC media — Data Link

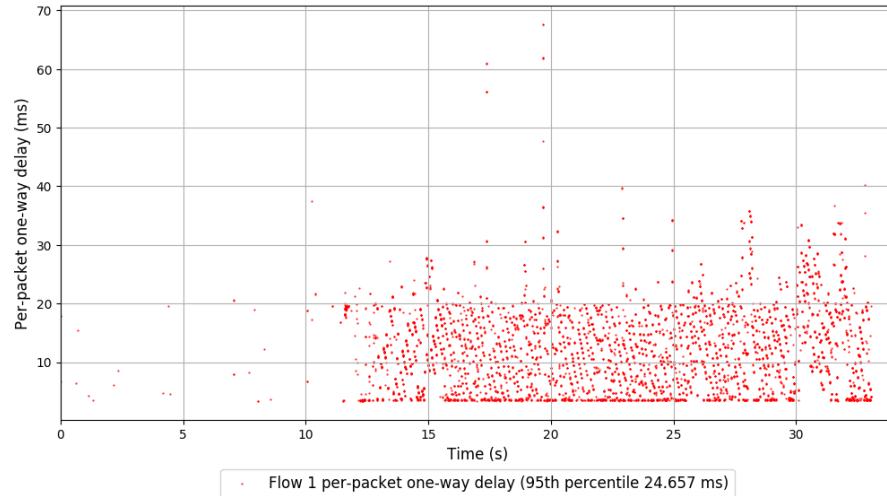
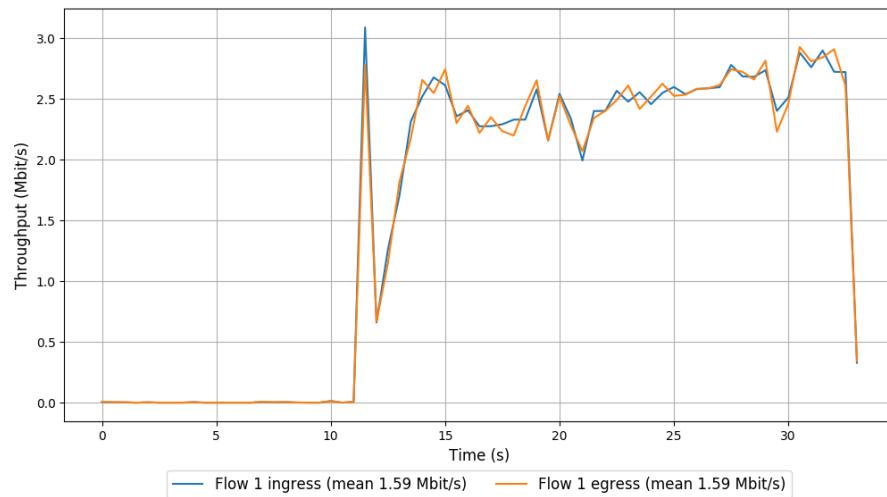


Run 4: Statistics of WebRTC media

```
Start at: Tue, 20 Jun 2017 00:59:38 +0000
End at: Tue, 20 Jun 2017 01:00:08 +0000
Local clock offset: 0.444 ms
Remote clock offset: 1.889 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:15:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.59 Mbit/s
95th percentile per-packet one-way delay: 24.657 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 1.59 Mbit/s
95th percentile per-packet one-way delay: 24.657 ms
Loss rate: 0.38%
```

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

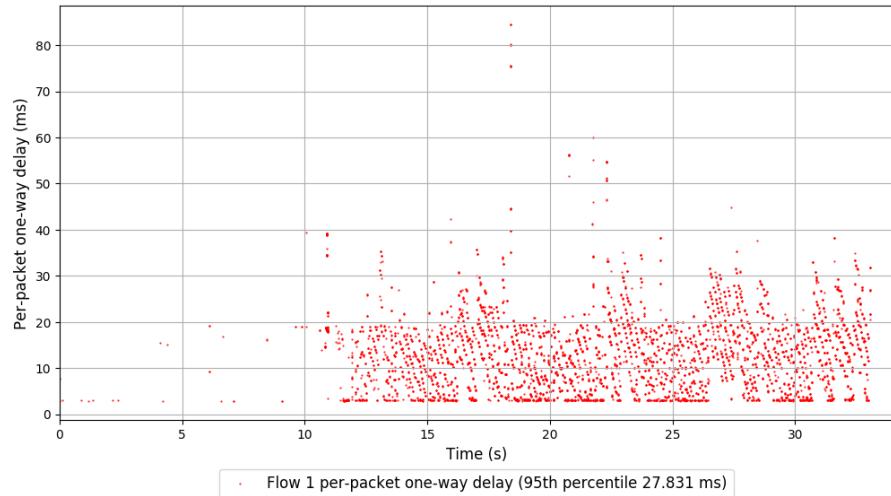
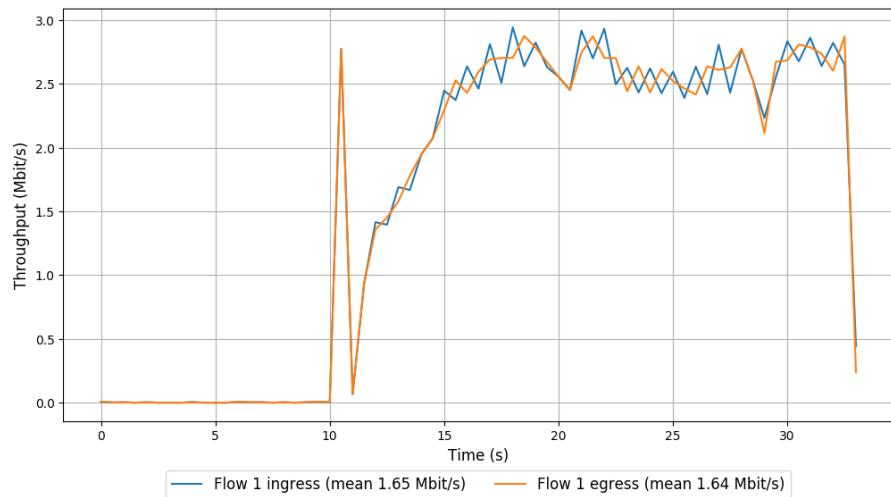


```
Run 5: Statistics of WebRTC media

Start at: Tue, 20 Jun 2017 01:18:03 +0000
End at: Tue, 20 Jun 2017 01:18:33 +0000
Local clock offset: 0.901 ms
Remote clock offset: 1.747 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:15:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.64 Mbit/s
95th percentile per-packet one-way delay: 27.831 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 1.64 Mbit/s
95th percentile per-packet one-way delay: 27.831 ms
Loss rate: 0.19%
```

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

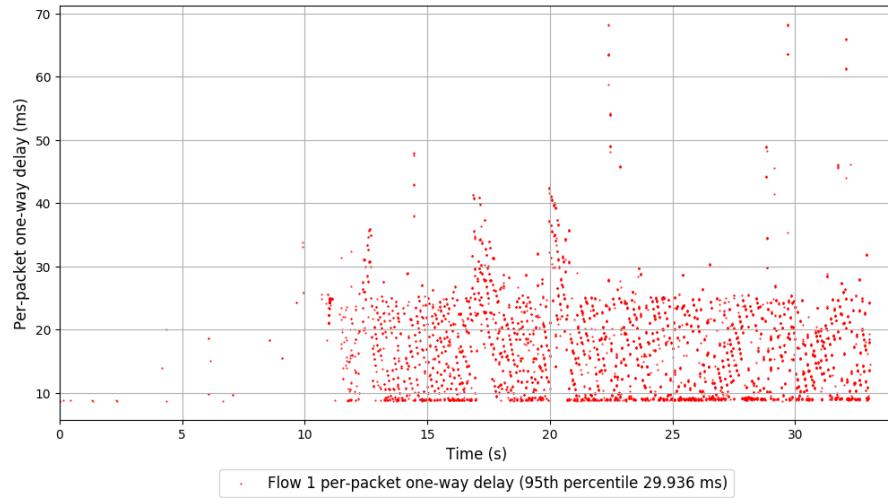
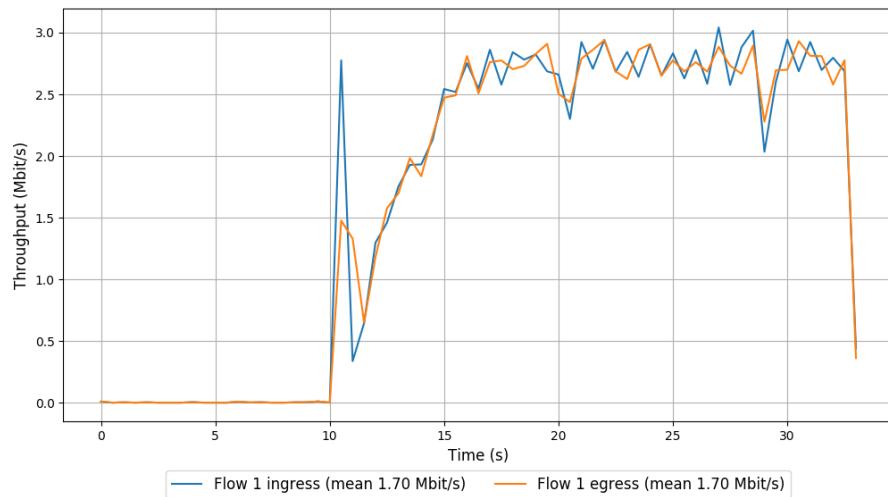


```
Run 6: Statistics of WebRTC media

Start at: Tue, 20 Jun 2017 01:36:11 +0000
End at: Tue, 20 Jun 2017 01:36:41 +0000
Local clock offset: -5.054 ms
Remote clock offset: 1.592 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:15:38 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.70 Mbit/s
95th percentile per-packet one-way delay: 29.936 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 1.70 Mbit/s
95th percentile per-packet one-way delay: 29.936 ms
Loss rate: 0.45%
```

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: Tue, 20 Jun 2017 01:54:41 +0000

End at: Tue, 20 Jun 2017 01:55:11 +0000

Local clock offset: -6.359 ms

Remote clock offset: 1.258 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:15:44 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 1.75 Mbit/s

95th percentile per-packet one-way delay: 33.642 ms

Loss rate: 0.48%

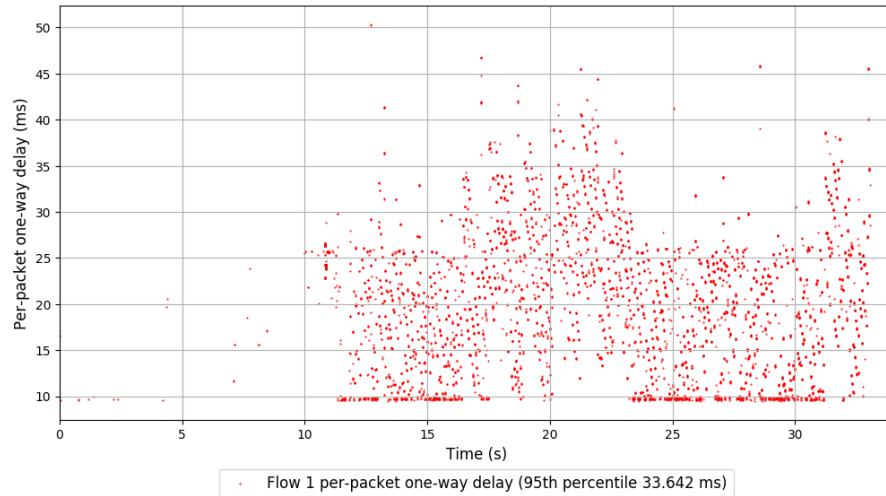
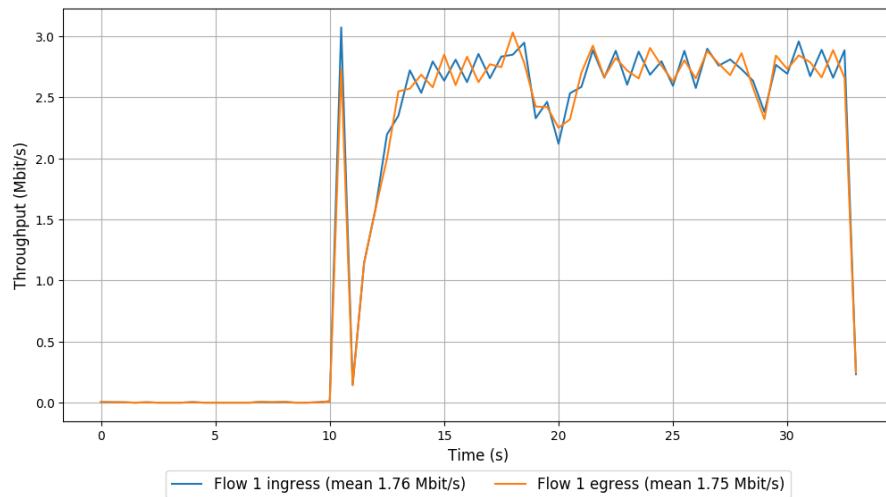
-- Flow 1:

Average throughput: 1.75 Mbit/s

95th percentile per-packet one-way delay: 33.642 ms

Loss rate: 0.48%

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

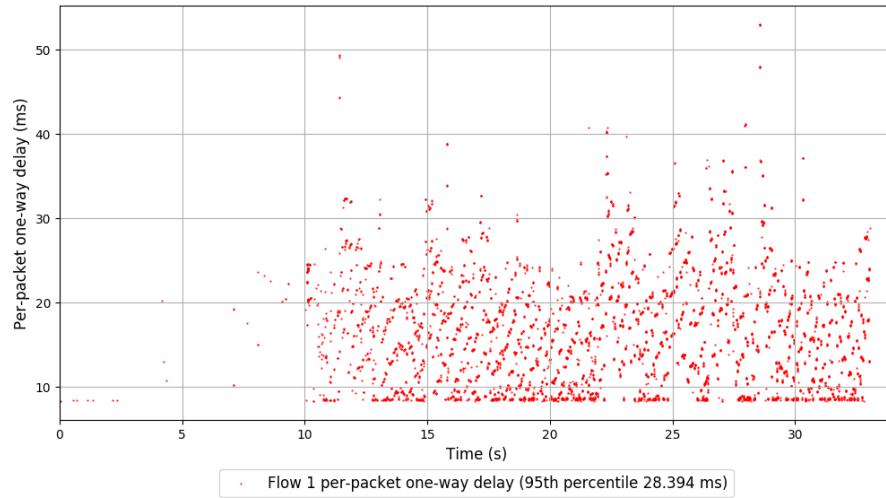
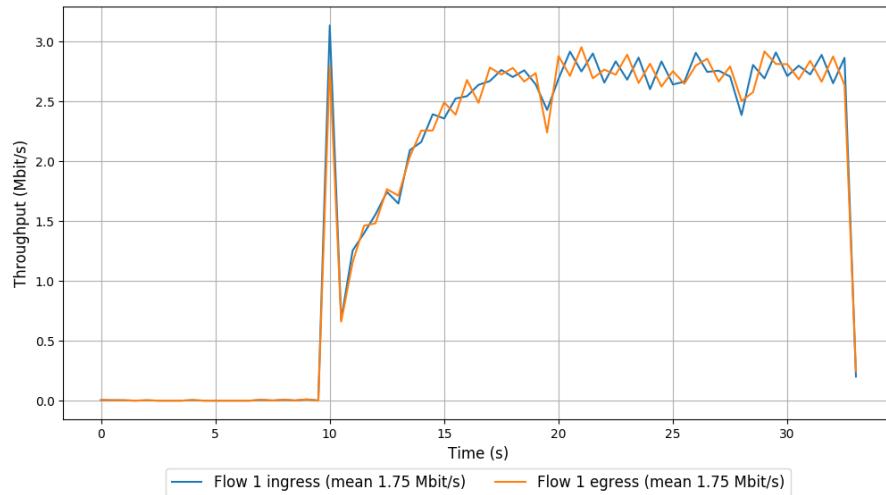


```
Run 8: Statistics of WebRTC media

Start at: Tue, 20 Jun 2017 02:13:09 +0000
End at: Tue, 20 Jun 2017 02:13:39 +0000
Local clock offset: -5.617 ms
Remote clock offset: 0.616 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:15:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.75 Mbit/s
95th percentile per-packet one-way delay: 28.394 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 1.75 Mbit/s
95th percentile per-packet one-way delay: 28.394 ms
Loss rate: 0.45%
```

Run 8: Report of WebRTC media — Data Link

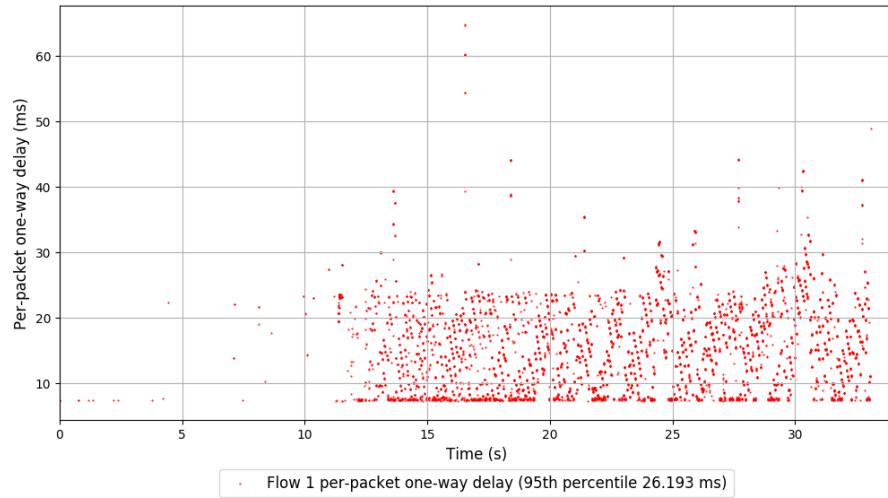
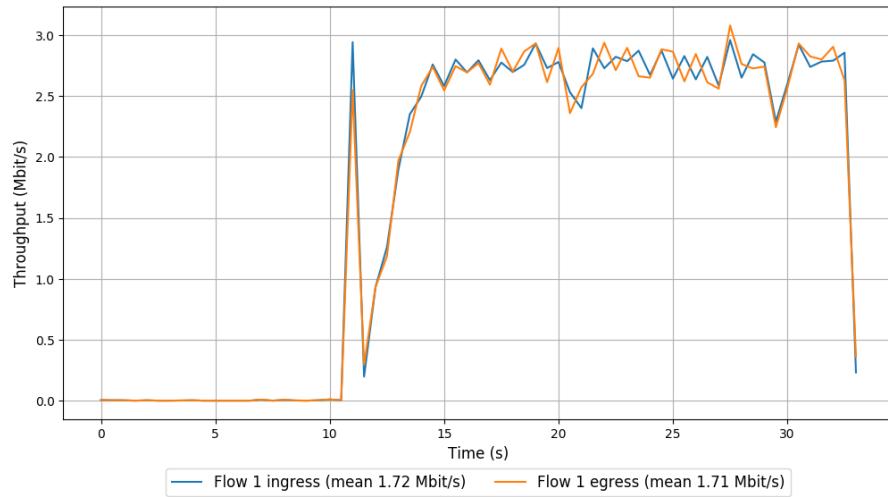


Run 9: Statistics of WebRTC media

```
Start at: Tue, 20 Jun 2017 02:31:42 +0000
End at: Tue, 20 Jun 2017 02:32:12 +0000
Local clock offset: -5.137 ms
Remote clock offset: 0.19 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 06:15:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.71 Mbit/s
95th percentile per-packet one-way delay: 26.193 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 1.71 Mbit/s
95th percentile per-packet one-way delay: 26.193 ms
Loss rate: 0.35%
```

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



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

```
Start at: Tue, 20 Jun 2017 02:50:32 +0000
```

```
End at: Tue, 20 Jun 2017 02:51:02 +0000
```

```
Local clock offset: -4.502 ms
```

```
Remote clock offset: 0.015 ms
```

```
# Below is generated by plot.py at Tue, 20 Jun 2017 06:15:50 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 1.76 Mbit/s
```

```
95th percentile per-packet one-way delay: 30.820 ms
```

```
Loss rate: 0.41%
```

```
-- Flow 1:
```

```
Average throughput: 1.76 Mbit/s
```

```
95th percentile per-packet one-way delay: 30.820 ms
```

```
Loss rate: 0.41%
```

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

